# The Importance of Adequate Parts and Service

The wise purchaser of a new machine gives consideration to the following factors:

1. *Original quality*
2. *Availability of service parts*
3. *Availability of adequate service facilities*

In many cases the machine becomes the only means of performing certain tasks that must be done in a limited period of time. Wear and even breakage of parts are to be expected due to operating conditions. However, the user can still be assured of getting his work done on time if service parts and adequate service facilities are available.

Foresighted International Industrial Power distributors and dealers make every effort to provide good service and maintain a completely adequate stock of service parts.

When in need of parts, always give the International Industrial Power distributor or dealer your chassis and engine serial numbers. We suggest that you write these serial numbers in the spaces provided below, for ready reference when parts are required.

*Chassis Serial No.*_____
(Stamped on plate on dash)

*Engine Serial No.*_____
(Stamped on left side of crankcase)

TC-22C

# INTERNATIONAL PARTS CATALOG

# TD-18 CRAWLER TRACTOR

INTERNATIONAL HARVESTER COMPANY
180 North Michigan Avenue Chicago 1, Illinois, U.S.A.

# INTRODUCTION

This catalog contains a complete list of parts for regular and modified TD-18 Crawler Tractors. The TD-18 Crawler Tractor has a six-cylinder 4¾ x 6½-inch Diesel engine.

The parts in this catalog are grouped according to their location in the tractor. Each group is preceded by an "exploded view" which illustrates clearly each part in its correct relation to the other parts in the illustration.

Following is a brief summary of the simplified system used in compiling this catalog. It is to your benefit to study this summary carefully:

**(1) Parts Numbers.** In cases where the part number suffix letters have been advanced, the new part will replace the old unless otherwise indicated. For example: Valve housing cover 5020-DB will work for 5020-D and DA. Where the R suffix is used, R2 will work for R1.

**(2) Illustrations.** The "exploded views" of each unit show the individual parts clearly and in their normal relationship to one another. This method of illustrating makes it easy to locate parts, whether they are ordered by description or by parts numbers. Also, the "exploded view" illustrations can be used as a guide when servicing the tractor. Reference numbers only are shown in each illustration. These numbers correspond to those in the reference number column in the list of parts which follows each "exploded view."

**(3) Method of Listing.** The parts list is divided into groups corresponding to units in the tractor. Parts are listed in order by reference number of illustration, followed by a full description, serial number, and quantity required per tractor. All parts for which no serial number is shown are used in the first tractor having serial No. 501 and are still current.

**(4) Partial Assemblies and Complete Assemblies.** You will find that some of the numbers are followed by the letter "X" or "Y." The suffix letter "X" indicates an assembly of parts which may be either a partial or a complete assembly. The suffix letter "Y," in nearly all cases, indicates a complete assembly. For example: 5967-DAX *cylinder head, front, with studs and valve guides* is a partial assembly, whereas 5967-DAY represents the foregoing *with valves and springs added,* and is a complete assembly.

You will also find some numbers are followed by the suffix R11 (one,one) through R89 (eight, nine) and R91 (nine, one) through R99 (nine, nine). The suffix R11 indicates an assembly of parts which may be either a partial or a complete assembly (comparable to the above system using "X"). The suffix R91 in nearly all cases, indicates a complete assembly (comparable to the above system using "Y"). For example: *251138R11, Cylinder Head Rear, with Studs and Valve Guides* is a partial assembly, however, it is necessary to issue a new part number, 251185R91 which represents the foregoing *with Valves and Valve Springs added,* and is a complete assembly.

The "assemblies" are shown at the back of the catalog under the heading "Details of Assembly." They are listed in numerical order, together with a list of the parts comprising each assembly, except assemblies made up of less than four parts. The latter are fully covered by description in the "Unit Lists" section.

In cases where the individual parts of an assembly are not available for service, those parts are marked with the symbol § In some instances, such individual parts are shown in the "Unit Lists" with a notation giving the part number which is to be used when ordering. For example: "42500-DA Hi-lo gear shifter fork (order 42514-DA)."

**(5) Index.** On page 4 you will find an alphabetical index which is divided into three classifications: Engine, Chassis, and Attachments. This index should be used to locate unit lists and illustrations. A numerical index at the back of the catalog contains a complete list of parts, showing the page numbers where each part is listed and described.

**(6) Miscellaneous Parts.** Unnumbered parts, such as standard bolts, screws, nuts, etc., are indented and listed under the respective individual parts with which they are used. They should be ordered by description and size, as they are not component parts of the pieces they attach.

**(7) Serial Numbers.** Engine serial numbers start with TDRM-501 and are stamped on a pad on the left side of the engine crankcase. Chassis or tractor serial numbers start with TDR-501 and are stamped on the name plate on the dash. No attempt is made at the factory to have the engine and chassis serial numbers correspond.

Customers should supply engine and tractor chassis serial numbers—including all prefix and suffix letters—when ordering parts. A serial number suffix letter code has been assigned to identify parts which replace standard parts or units when tractors have special features which differ from standard equipment. This code was started on tractors with serial No. TDR-2255 and up. Full details concerning the suffix letter code can be found on page 355.

**(8) Prices.** Parts prices will be found in the No. 19-T tractor and engine price list, which is issued separately and includes both current and obsolete parts.

**(9) Manufacturer Customer.** See following page.

# INTRODUCTION—Continued

**(9) Manufacturer Customer.** International TD-18 crawler tractors are used by the manufacturers listed below as the source of power for operating their equipment.

The design of the allied equipment and the use to which it will be put makes it necessary, in many cases, to modify some parts of the tractor so that it can be adapted to the particular equipment on which it is to be used.

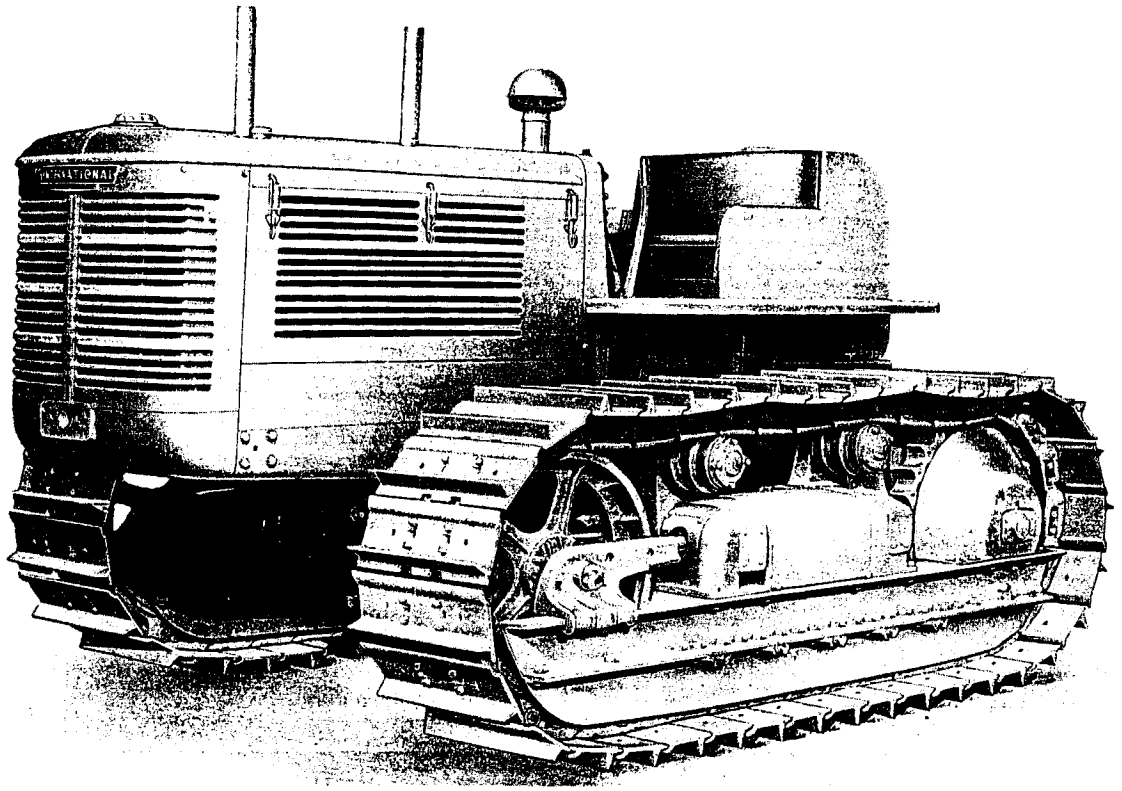
These parts are listed and illustrated in the group or unit to which they apply and are identified by an identification number at the end of the description which designates the manufacturer customer and the allied equipment on which the part is used. For example:

8 906 DEX Crankcase, complete
(*Power Scraper Modification Galion 24 and Scraper Modification Euclid 1)

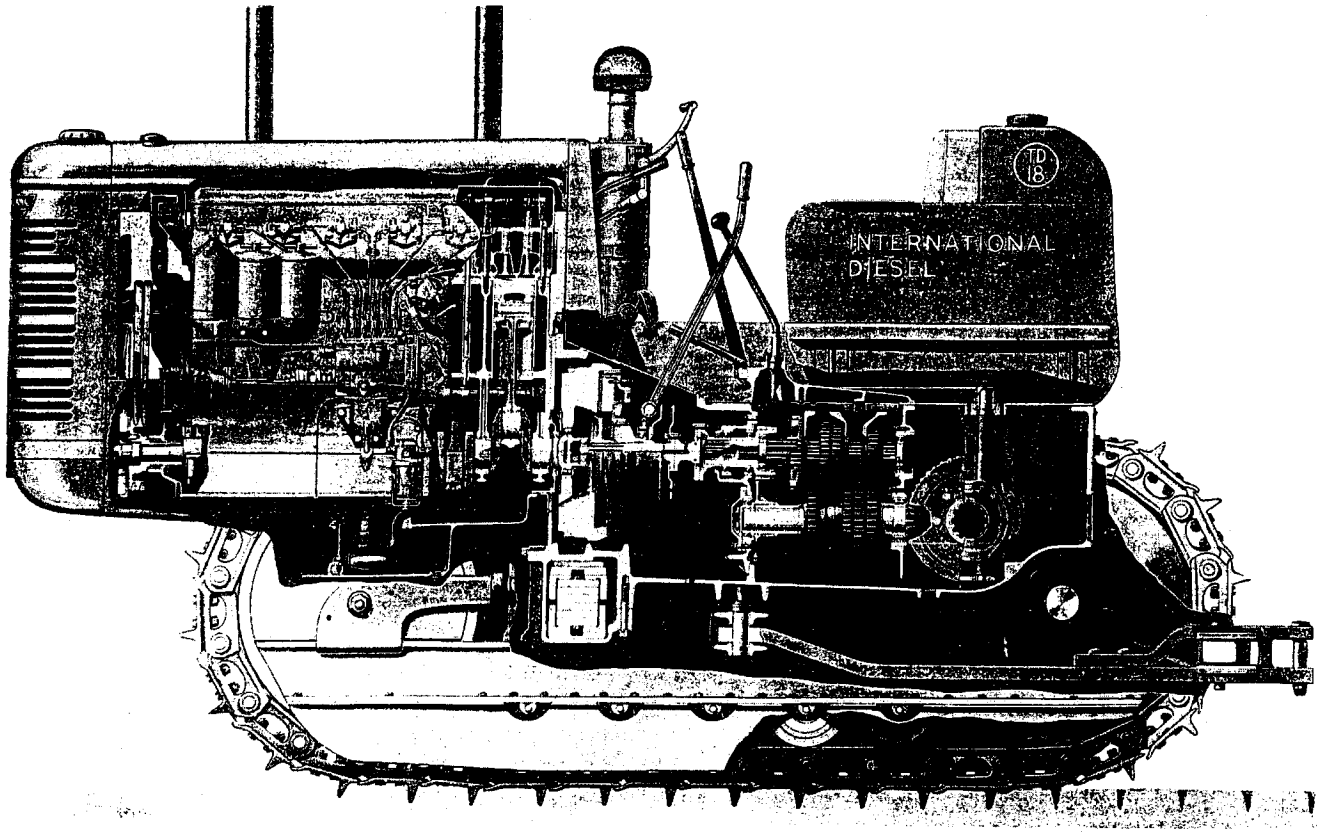
By refering to table below, this part can be identified as being used on Power Scraper Modification Galion 24 and Scraper Modification Euclid 1.

## LIST OF MANUFACTURER CUSTOMER USING TD-18 CRAWLER TRACTORS

| MANUFACTURER CUSTOMER AND IDENTIFICATION NUMBER | EQUIPMENT USED WITH THE TRACTOR | NAME AND ADDRESS OF EQUIPMENT MANUFACTURERS |
|---|---|---|
| Euclid—No. 1 and No. 2 | Power Scraper | The Euclid Road Machinery Company, Cleveland, Ohio |
| Galion—No. 24 and No. 27 | Power Scraper | Galion Iron Works and Mfg. Company, Galion, Ohio |
| Hughes-Keenan—No. 24 | Roustabout Crane | The Hughes-Keenan Company, Mansfield, Ohio |
| Superior—No. 1A | Model PBI-18 Pipe Layer | Superior Equipment Co., Bucyrus, Ohio |
| Trackson—No. 14 | Model MD-18 Pipe Layer | Trackson Company, 3333 South Chase Avenue, Milwaukee, Wisconsin |



**International TD-18 Crawler Tractor equipped with hood side doors.**




**Cutaway view of the International TD-18 Crawler Tractor.**

# INDEX TO UNITS


| Description | List Page | Illust. Page |
|---|---|---|
| **ENGINE—DIESEL** | | |
| Air valve housing | 43 | 42 |
| Automatic trip mechanism | 11, 37 | 11, 37 |
| Carburetor control rod | 48 | 47 |
| Carburetor—starting diesel | 47 | 47 |
| Camshaft and related parts | 17 | 16 |
| Connecting rods | 22 | 22 |
| Crankcase | 17 | 16 |
| Crankcase oil pan | 26 | 26 |
| Crankshaft and related parts | 22 | 22 |
| Cylinder head | 7 | 7 |
| Cylinder sleeves | 22 | 22 |
| Drive pulley | 22 | 22 |
| Engine supports | 17 | 16 |
| Exhaust pipes | 43, 45 | 42, 45 |
| Fan | 31, 34 | 30, 34 |
| Fan and water pump pulley | 31, 34 | 30 |
| Filters—fuel | 61, 63 | 61, 63 |
| lubricating oil | 61, 64 | 61, 63 |
| Front cover | 17 | 16 |
| Fuel injection pump (IH) | 80 | 80 |
| Camshaft unit | 92 | ..... |
| Control lever | 97 | 97 |
| Distributor valve block fuel return pipe and high pressure pipes | 91 | 90 |
| Governor spring, torque control, pump housing cover and oil filler | 83 | ..... |
| Housing governor fork and shaft | 95 | 95 |
| Plunger and governor shaft | 87 | 86 |
| Primary pump | 81 | ..... |
| Scavenging valve, rack and pump front cover | 93 | 93 |
| Fuel injection pump (Bosch) | | |
| Fuel supply pump | 122, 124 | 122, 124 |
| Governor | 113, 117 | 112, 116 |
| Overflow valve | 103, 107, 110 | 100, 104, 108 |
| Pump, complete | 98, 105 | ..... |
| Pump parts | 109<br>101, 105, 109 | 100, 104, 108 |
| Timken Pump, complete | 65 | 65 |
| Timken Pump parts | 65 | 65 |
| Fuel injection connections (Bosch) | 66, 67, 71 | 65, 67, 70 |
| Fuel injection nozzles (Bosch) | 74 | 65, 67, 70 |
| Fuel injection pipes (Bosch) | 66, 67, 71 | 65, 67, 70 |
| Fuel injection pump drive (Bosch) | 66, 76 | 65, 67, 70 |
| Fuel injection connections (IH) | 73 | ..... |
| Fuel injection nozzles (IH) | 75 | ..... |
| Fuel injection pipes (IH) | 73 | ..... |
| Fuel injection pump drive and hour meter (IH) | 78 | ..... |
| Gaskets—package assorted | 227 | ..... |
| Generator—Delco-Remy | 53 | 53 |
| Governor control | 12, 39 | 12, 39 |
| Hour meter | 67, 76 | 67, 70 |
| Idler pulley | 31, 34 | 30, 34 |
| Improvement packages | 230 | ..... |
| Injection pump breather | 45, 46 | 45 |
| Lubricating oil filter | 61, 63 | 61, 63 |
| Lubricating oil pump | 26 | 26 |
| Magneto—International F-6 | 57 | 56 |
| Magneto drive and bracket | 51 | 51 |
| Manifold | 43, 45 | 42, 45 |
| Manual trip mechanism | 39 | 39 |
| Overhaul packages | 230 | ..... |
| Pistons | 22 | 22 |
| Piston pins | 22 | 22 |
| Pulleys—drive | 22 | 22 |
| fan | 31, 34 | 30 |
| idler | 31, 34 | 30 |
| water pump | 31, 34 | 30 |
| Sleeves | 22 | 22 |
| Spark plugs and cables | 53 | 53 |
| Starting crank | 22 | 22 |
| Starting mechanism | 12 | 12 |
| Starting motor—Delco-Remy | 53 | 53 |
| Starting primer and control | 48 | 47 |
| Starting valve mechanism | 7, 11 | 7, 11 |
| Thermostat | 31, 36 | 30, 36 |
| Valves | 7 | 7 |
| Valve housing | 7 | 7 |
| Vibration damper | 22 | 22 |
| Water outlet header, and connecting parts | 36 | 36 |
| Water pump | 31, 34 | 30, 34 |
| Water pump pulley | 31, 34 | 30 |
| Water trap | 157 | 156 |
| **CHASSIS** | | |
| Air cleaner and connections | 153 | 153 |
| Batteries and mounting | 143 | 142 |
| Brake pedals | 146, 150 | 146, 150 |
| Clutch control and connections | 127 | 126 |
| Clutch—engine overcenter | 128, 131 | 126, 130 |
| steering | 179 | 178 |
| Dash | 146, 150 | 146, 150 |
| Drawbar | 213 | 213 |
| Drive bevel gear | 172 | 172 |
| Engine overcenter clutch | 128 | 126 |
| Engine control | 146, 150 | 146, 150 |
| Equalizer spring | 210 | 210 |
| Extended track frame (modified units) | 197 | 196 |
| Fenders | 214 | 214 |
| Final Drive | | |
| Drive bevel gear | 172 | 172 |
| Steering brakes and control | 184 | 184 |
| Steering clutch | 179 | 178 |
| Steering clutch control | 175 | 174 |
| Steering clutch release actuator | 179 | 178 |
| Steering clutch release shaft and mechanism | 179 | 178 |
| Fuel pipes | 157 | 156 |
| Fuel tanks | 157 | 156 |
| Front idler | 202 | 202 |
| Gaskets—package assorted | 227 | ..... |
| Gasoline strainer | 161 | 156 |
| Gear shifter mechanism | 165 | 164 |
| Hood and side sheets | 217 | 217 |
| Improvement packages | 230 | ..... |
| Instruments | 146, 150 | 146, 150 |
| Instrument panel | 146, 150 | 146, 150 |
| Lubricator—hand | 221 | 221 |
| bucket | 224 | 222, 223 |
| Main frame and covers | 133 | 132 |
| Main frame side channels | 135 | 135 |
| Overhaul packages | 230 | ..... |
| Package assorted gaskets | 227 | ..... |
| Radiator and connections | 138 | 138 |
| Seat | 214 | 214 |
| Sprocket drive | 189 | 188 |
| Sprocket drive pinion and shaft | 189 | 188 |

# INDEX TO UNITS


| Description | List Page | Illust. Page |
|---|---|---|
| **CHASSIS—Continued** | | |
| Steering brakes and control | 146, 150 | 146, 150 |
| | 184 | 184 |
| Steering clutch | 179 | 178 |
| Steering clutch control | 175 | 174 |
| Steering clutch release actuator | 179 | 178 |
| Steering clutch release shaft and mechanism | 179 | 178 |
| Switches—lighting and starting | 145 | 145 |
| Tools | 219 | 219 |
| Track Assembly | | |
| Front idler | 202 | 202 |
| Track chain | 206 | 206 |
| Track frame | 197 | 196 |
| Track frame diagonal brace | 204 | 204 |
| Track idler | 197 | 196 |
| Track rollers | 197 | 196 |
| Track shoes | 209 | 208 |
| Track spring | 197 | 196 |
| Track chain | 206 | 206 |
| Track Drive | | |
| Sprocket drive | 189 | 188 |
| Sprocket drive pinion and shaft | 189 | 188 |
| Track frame pivot shaft | 189 | 188 |
| Track frame | 197 | 196 |
| Track frame diagonal brace | 204 | 204 |
| Track frame guide | 135 | 135 |
| Track frame guide rollers | 135 | 135 |
| Track frame guide roller brackets | 135 | 135 |
| Track frame pivot shaft | 189 | 188 |
| Track idler | 197 | 196 |
| Track rollers | 197 | 196 |
| Track shoes | 209 | 208 |
| Track spring | 197 | 196 |
| Transmission | 167 | 164 |
| Water trap | 157 | 156 |
| Wiring | 143 | 142 |
| **ATTACHMENTS—Special** | | |
| Air compressor and connections—(modified units only) | 235, 239 | 234 |
| Air compressor drive (modified units) | 245 | 245 |
| Air pipe extension | 251 | ..... |
| Air compressor, air cleaner and connections (modified unit) | 233 | 233 |
| Belt pulley | 265 | 264 |
| By-Metallic steering clutch friction disc attachment | 261 | ..... |
| Cabs and seat | | |
| Cab | 283 | ..... |
| Skeleton cab | 283 | ..... |
| Three-man seat | 283 | ..... |
| Crankcase guard | 248 | 248 |
| Crane drive unit (modified unit) | 269 | 268 |

| Description | List Page | Illust. Page |
|---|---|---|
| Cutaway sprocket | 189 | 188 |
| Distributor ignition with generator attachment (modified units) | 243 | ..... |
| Electrical Equipment | | |
| Lamps and parts | 292, 295 | 292, 295 |
| Lighting—Bosch No-Battery generator | 285 | 284 |
| Lighting—Delco-Remy | 289 | 288 |
| Wiring Diagrams | | |
| Lighting—Bosch No-Battery generator | 285 | 284 |
| Lighting—Delco-Remy | 289 | 288 |
| Exhaust extension | 249 | 249 |
| Exhaust muffler | 249 | 249 |
| Extended track frame | 196 | 197 |
| Forest shield | 278 | 278 |
| Front bumper | 256 | 256 |
| Front idler (large diameter) | 202 | 202 |
| Front idler shield | 258 | 258 |
| Front power take-off coupling | 247 | 247 |
| Front pull hook | 248 | 248 |
| Front pull hook —swivel type | 248 | 248 |
| Guards—crankcase | 248 | 248 |
| radiator | 256 | 256 |
| Heavy-duty track roller shield | 197 | 196 |
| Heavy equalizer spring attachment | 280 | ..... |
| Hood side doors | 282 | 282 |
| Large-diameter front idler | 202 | 202 |
| Left-Hand Drive Control | | |
| Gear shifter lever | 165 | ..... |
| Steering brake pedal pad and rod | 184 | ..... |
| Steering clutch hand lever | 175 | ..... |
| Low boiling point thermostat and heat indicator | 31, 36, 152 | 30, 36 |
| Manual steering clutch control attachment | 259 | ..... |
| Muffler | 249 | 249 |
| Odometer | 276 | 276 |
| Power take-off—front coupling | 247 | 247 |
| rear | 263 | 263 |
| rear (reduced speed) | 273 | 272 |
| Precleaner | 252 | 252 |
| Pre-Heater attachment | 279 | ..... |
| Pre-Heater crankcase pan attachment | 279 | ..... |
| Pre-Heater torch attachment | 280 | ..... |
| Radiator guard | 256 | 256 |
| Radiator shutter | 253 | 253 |
| Reduced speed power take-off, rear | 273 | 272 |
| Blower fan | 32 | 30 |
| Rigid track frame | 262 | 262 |
| Shields—forest | 278 | 278 |
| front idler | 258 | 258 |
| track roller (heavy-duty) | 197 | 196 |
| Spark arrester | 250 | 250 |
| Sprocket—cutaway | 189 | 188 |
| Sprocket rock deflector | 258 | 258 |
| Starting primer attachment | 280 | ..... |
| Tachometer (modified unit) | 246 | 246 |
| Thermostat (low boiling point thermostat and heat indicator) | 31, 36, 152 | 30, 36 |
| Track roller shield (heavy-duty) | 197 | 196 |
| Transmission gear shift lock attachment | 280 | ..... |


DETAILS OF ASSEMBLY.....Page 297

NUMERICAL INDEX.....Page 359

# INSTRUCTIONS FOR ORDERING PARTS

(a) All parts orders should be sent to the branch in charge of territory. Give complete address, state the county and railroad station, also whether shipment is to go by parcel post, express, truck, or freight.

(b) When ordering parts, give the IHC part number, including suffix or prefix letters.

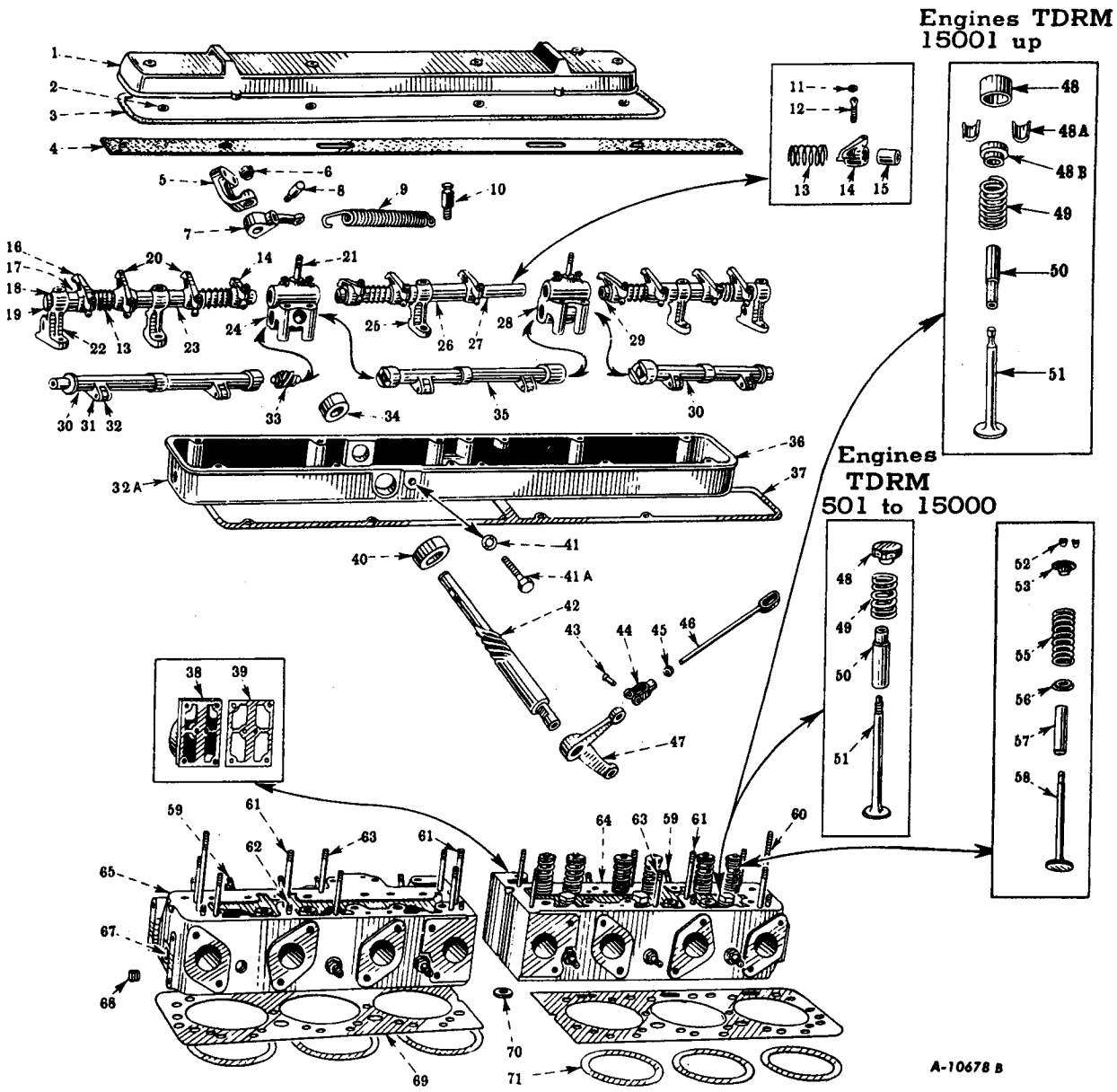
(c) Parts should be ordered on the standard parts order blank or on a plain sheet separate from other business matters.

(d) Claims for shortage or error in the handling of an order for parts must be made upon receipt of goods.

(e) Symbols classifying parts are not included in this catalog. They appear in the No. 19-T price list.

*It is the policy of International Harvester Company to improve its products whenever it is possible and practical to do so.*

*We reserve the right to make changes or add improvements in the design or construction of parts at any time without incurring the obligation to install such changes on Tractors previously delivered.*




*Reference numbers only are shown in illustration. Use I H C part numbers in ordering.*
*Unnumbered parts in the illustrations are the same as corresponding parts shown with numbers.*

| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D | |
|---|---|---|---|---|---|
| | | **CYLINDER HEAD, VALVE HOUSING, VALVES AND STARTING VALVE MECHANISM** | | | |
| 5020 DB | 1 | Valve Housing Cover | | 1 | |
| 32459 D | 2 | Valve Housing Cover Nut Washer | | 4 | |
| 32458 DA | 3 | Valve Housing Cover Gasket | | 1 | |
| 32462 D | 4 | Valve Oiler Felt | TDRM 501 to 15000 | 1 | |
| | | | | | |
| 8720 DA | 5 | Cross Shaft Thrust Bracket | TDRM 1687 to 15000 | 1 | |
| | | Cap Screw, 1/2 X 1-3/4" N.C. Hex Head | | 2 | |
| | | Lockwasher, 1/2" | | 2 | |
| 42759 D | 6 | Starting Valve Cross Shaft Thrust Screw | TDRM 501 to 15000 | 1 | |
| | | Cotter Pin, 3/32 X 1-1/4" | | 1 | |

| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D | |
|---|---|---|---|---|---|
| | | **CYLINDER HEAD, VALVE HOUSING, VALVES AND STARTING VALVE MECHANISM —Continued** | | | |
| 42754 DA | 7 | Cross Shaft Inner Lever | TDRM 501 to 15000 | 1 | |
| 20586 D | 8 | Cross Shaft Inner Lever Pin | TDRM 501 to 15000 | 1 | |
| | | Hex Nut, 5/16" N.F. | | 1 | |
| | | Lockwasher, 5/16" | | 1 | |
| 42755 D | 9 | Cross Shaft Return Spring | TDRM 501 to 15000 | 1 | |
| 42756 D | 10 | Cross Shaft Return Spring Anchor Stud | TDRM 501 to 15000 | 1 | |
| 38763 H | 11 | Valve Lever Adjusting Screw Nut | | 12 | |
| 10951 D | 12 | Valve Lever Adjusting Screw | | 12 | |
| 24961 D | 13 | Valve Lever Spring | | 6 | |
| 32468 DX | 14 | Valve Lever, R.H. with Bushing, 24965 DA | | | |
| | | (Cylinders - 1 - 3 - 5) | TDRM 501 to 15000 | 3 | |
| 251124 R11 | 14 | Exhaust Valve Lever, R.H. with Bushing, 24965 DB | TDRM 15001 up | 3 | |
| 24965 DA | 15 | Valve Lever Bushing | | 12 | |
| 32467 DX | 16 | Valve Lever, L.H. with Bushing, 24965 DA | | | |
| | | (Cylinders - 2 - 4 - 6) | TDRM 501 to 15000 | 3 | |
| 251123 R11 | 16 | Exhaust Valve Lever, L.H. with Bushing, 24965 DB | TDRM 15001 up | 3 | |
| 24962 D | 17 | Valve Lever Spacer, Outer | | 3 | |
| 27141 D | 18 | Valve Lever Shaft Retainer Ring | | 2 | |
| 13083 D | 19 | Valve Lever Shaft Expansion Plug, 3/4" | TDRM 501 to 15000 | 2 | |
| 172531 | 19 | Valve Lever Shaft Expansion Plug | TDRM 15001 up | 2 | |
| 32466 DX | 20 | Valve Lever, Straight with Bushing, 24965 DA | TDRM 501 to 15000 | 6 | |
| 251122 R11 | 20 | Intake Valve Lever with Bushing, 24965 DB | TDRM 15001 up | 6 | |
| 32463 D | 21 | Valve Lever Front Center Bracket Stud | TDRM 501 to 15000 | 2 | |
| | | Hex Nut, 1/2" N.F. | | 2 | |
| 5027 DB | 22 | Valve Lever End Bracket | | 2 | |
| | | Hex Nut, 3/8" N.F. | | 2 | |
| | | Lockwasher, 3/8" | | 2 | |
| 24964 D | 23 | Valve Lever Spacer, Intermediate | | 4 | |
| 5972 DX | 24 | Cross Shaft Bracket with Stud, 32463 D | TDRM 501 to 15000 | 1 | |
| | | Cap Screw, 3/8 X 3" N.C. Hex Head | | 4 | |
| | | Set Screw, 5/16 X 3/4" N.C. Headless, Cup Point | | 2 | |
| | | Hex Nut, 5/16" N.C. | | 2 | |
| | | Lockwasher, 3/8" | | 4 | |
| 5028 D | 25 | Valve Lever Intermediate Bracket | | 3 | |
| | | Hex Nut, 3/8" N.F. | | 2 | |
| | | Lockwasher, 3/8" | | 2 | |
| 32465 D | 26 | Valve Lever Spacer, Center | | 1 | |
| 32464 DA | 27 | Valve Lever Shaft, Center | TDRM 501 to 15000 | 1 | |
| 251199 R1 | 27 | Valve Lever Shaft, Center | TDRM 15001 up | 1 | |
| 5029 DX | 28 | Valve Lever Front Center Bracket with Stud, 32463 D | | 1 | |
| | | Cap Screw, 3/8 X 3" N.C. Hex Head | | 4 | |
| | | Lockwasher, 3/8" | | 4 | |
| | | Set Screw, 5/16 X 3/4" N.C. Headless, Cup Point | | 2 | |
| | | Hex. Nut, 5/16" N.C. | | 2 | |

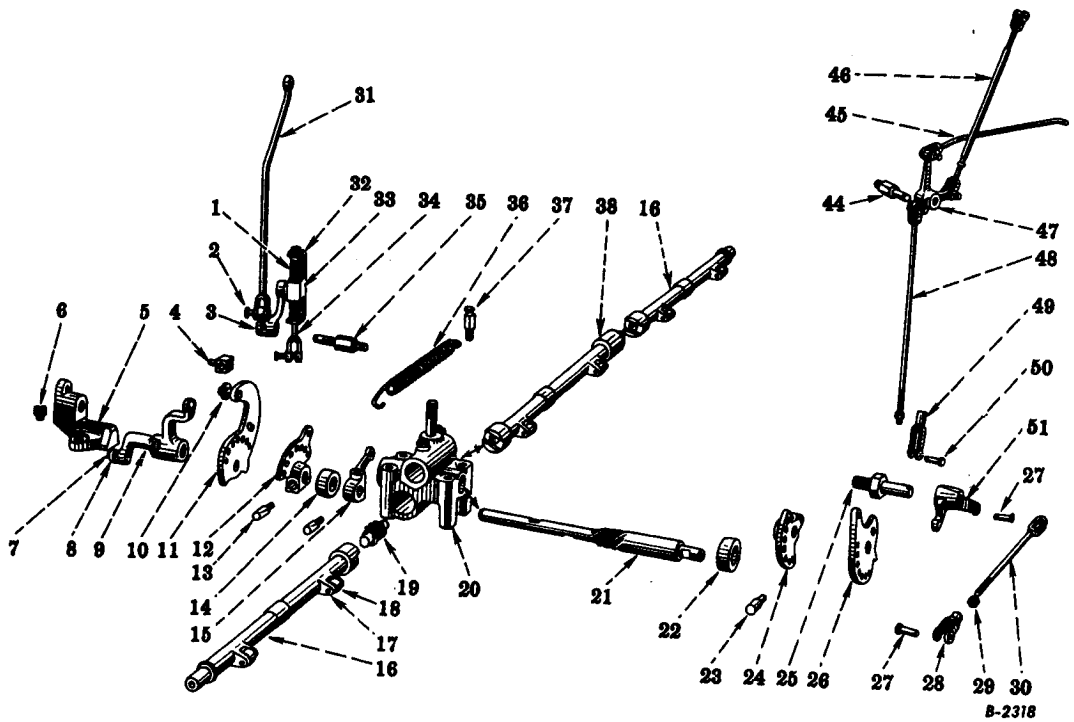
| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D |
|---|---|---|---|---|
| | | **CYLINDER HEAD, VALVE HOUSING, VALVES AND STARTING VALVE MECHANISM—Continued** | | |
| 27140 DDX | 29 | Valve Lever Shaft, Front and Rear with Ring, | | |
| | | 27141 D and Plug, 13083 D | | 2 |
| 251214 R1 | 30 | Starting Valve Shaft, Front | TDRM 15001 up | 1 |
| 251215 R12 | 30 | Starting Valve Shaft, Rear | TDRM 15001 up | 1 |
| 32469 DX | 30 | Starting Valve Shaft, Front and Rear with Two | | |
| | | Rollers, 24916 D and Pins, 24917 D | TDRM 501 to 15000 | 2 |
| 24917 D | 31 | Starting Valve Cam Pin | TDRM 501 to 15000 | 6 |
| 24916 D | 32 | Starting Valve Cam Roller | TDRM 501 to 15000 | 6 |
| 13083 D | 32-A | Valve Housing Expansion Plug, 3/4" | TDRM 501 to 15000 | 2 |
| 103892 | 32-A | Valve Housing Expansion Plug, 3/4" | TDRM 15001 up | 2 |
| 32471 DA | 33 | Starting Valve Shaft Gear, 8 Teeth | TDRM 501 to 15000 | 1 |
| 42760 D | 34 | Valve Housing Oil Seal, Small | TDRM 501 to 15000 | 1 |
| | | Washer, 1" O.D. X 19/32" I.D. X No. 16 Gauge (Q 1527) | | 1 |
| | | Cotter Pin, 3/32 X 7/8" | | 1 |
| 42746 D | 34 | Valve Housing Oil Seal | TDRM 15001 up | 1 |
| 32470 DX | 35 | Starting Valve Shaft, Center with Two Rollers, | | |
| | | 24916 D and Pins, 24917 D | TDRM 501 to 15000 | 1 |
| 251218 R11 | 36 | Valve Housing with Oil Seal, 42746 D and 2 Expansion | | |
| | | Plugs, 3/4" | TDRM 15001 up | 1 |
| | | Hex Nut, 5/16" N.F. | | |
| | | Hex Nut, 3/8" N.F. | | |
| 5970 DX | 36 | Valve Housing with Oil Seals and Plugs (order 254609 R91) | TDRM 501 to 15000 | 1 |
| | | Cap Screw, 5/8 x 3/4" N.C. Hex Head | | 1 |
| 254609 R91 | 36 | Valve Housing with Oil Seals and Plugs (Will Work for | | |
| | | 5970 DX) | TDRM 501 to 15000) | 1 |
| 32457 DB | 37 | Valve Housing Gasket | | 1 |
| 5973 D | 38 | Cylinder Head Water Manifold | TDRM 501 to 15000 | 1 |
| | | Cap Screw, 3/8 X 1-1/4" N.C. Hex Head | | 4 |
| | | Cap Screw, 3/8 X 3" N.C. Hex Head | | 2 |
| | | Lockwasher, 3/8" | | 6 |
| 42762 D | 39 | Cylinder Head Water Manifold Gasket | TDRM 501 to 15000 | 1 |
| 32460 D | 40 | Valve Housing Oil Seal, Large | TDRM 501 to 1500 | 1 |
| 28813 D | 41 | Valve Housing Cap Screw Gasket | TDRM 1687 to 15000 | 1 |
| 53643 D | 41-A | Cross Shaft Latch Bracket Stud | TDRM 1687 up | 1 |
| | | Hex Nut, 3/8" N.F. | | 1 |
| | | Lockwasher, 3/8" | | 1 |
| 56456 D | 42 | Starting Valve Cross Shaft | TDRM 1687 to 15000 | 1 |
| 14611 H | 43 | Air Valve Control Rod Pin | TDRM 501 to 15000 | 2 |
| | | Cotter Pin, 1/16 X 7/16" | | 2 |
| 17730 D | 44 | Air Valve Control Rod Adjusting Yoke | TDRM 501 to 15000 | 1 |
| | 45 | Hex Nut, 1/4" N.C. | | 1 |
| 42780 DX | 46 | Air Valve Control Rod | TDRM 501 to 15000 | 1 |
| 56457 DA | 47 | Starting Valve Cross Shaft Lever | TDRM 1687 up | 1 |

# DIESEL ENGINE

| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D |
|---|---|---|---|---|
| | | **CYLINDER HEAD, VALVE HOUSING, VALVES AND STARTING VALVE MECHANISM —Continued** | | |
| 42750 D | 48 | STARTING VALVE SPRING RETAINER | TDRM 501 TO 15000 | 6 |
| | | COTTER PIN, 3/32 X 1-1/2" | | 6 |
| 250535 R1 | 48 | STARTING VALVE SPRING COVER | TDRM 15001 UP | 6 |
| 46209 D | 48-A | STARTING VALVE SPRING COLLAR KEY | TDRM 15001 UP | 6 |
| 46208 D | 48-B | STARTING VALVE SPRING SEAT | TDRM 15001 UP | 6 |
| 32479 D | 49 | STARTING VALVE SPRING | TDRM 501 TO 15000 | 6 |
| 46211 D | 49 | STARTING VALVE SPRING | TDRM 15001 UP | 6 |
| 5024 DAR | 50 | STARTING VALVE GUIDE | TDRM 501 TO 15000 | 6 |
| 251103 R1 | 50 | STARTING VALVE GUIDE | TDRM 15001 UP | 6 |
| 42749 D | 51 | STARTING VALVE | TDRM 501 TO 15000 | 6 |
| 251074 R | 51 | STARTING VALVE | TDRM 15001 UP | 6 |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| 32485 D | 52 | VALVE SPRING COLLAR KEY | | 24 |
| 42748 DA | 53 | VALVE SPRING UPPER SEAT | | 12 |
| 32483 DB | 55 | VALVE SPRING | TDRM 501 TO 2849 | 12 |
| 61808 D | 55 | VALVE SPRING | TDRM 2850 UP | 12 |
| 18746 DA | 56 | VALVE SPRING LOWER SEAT | | 12 |
| 5025 DBR | 57 | INTAKE AND EXHAUST VALVE GUIDE | TDRM 501 TO 15000 | 12 |
| 251078 R1 | 57 | INTAKE AND EXHAUST VALVE GUIDE (WILL WORK FOR 251 063 R1) | TDRM 15001 UP | 6 |
| 251063 R1 | 57 | INTAKE AND EXHAUST VALVE GUIDE (ORDER 251078 R1) | TDRM 15001 UP | 6 |
| 32482 DD | 58 | EXHAUST VALVE | | 6 |
| 42747 DA | 58 | INTAKE VALVE | | 6 |
| | | | | |
| | | | | |
| 42752 D | 59 | NOZZLE BODY STUD | TDRM 501 TO 1235 | 12 |
| 54158 D | 59 | NOZZLE BODY STUD | TDRM 1236 TO 15000 | 12 |
| | | | | |
| 32447 DA | 60 | VALVE LEVER END BRACKET STUD | | 2 |
| | | HEX NUT, 1/2" N.F. | | 4 |
| | | LOCKWASHER, 1/2" | | 2 |
| 32448 D | 61 | VALVE LEVER INTERMEDIATE BRACKET STUD | | 3 |
| | | HEX NUT, 1/2" N.F. | | 3 |
| | | LOCKWASHER, 1/2" | | 3 |
| 32445 D | 62 | VALVE LEVER BRACKET STUD, SHORT | | 5 |
| | | HEX NUT, 3/8" N.F. | | 5 |
| | | LOCKWASHER, 5/8" | | 5 |
| 32444 D | 63 | VALVE HOUSING STUD | | 12 |
| | | HEX NUT, 3/8" N.F. | | 12 |
| | | | | |
| | | | | |
| 251137 R11 | 64 | CYLINDER HEAD FRONT, WITH STUDS AND VALVE GUIDES | TDRM 15001 UP | 1 |
| 5967 DAXA | 64 | CYLINDER HEAD, FRONT WITH STUDS AND VALVE GUIDES | TDRM 501 TO 15000 | 1 |
| 5968 DAXA | 65 | CYLINDER HEAD, REAR WITH STUDS AND VALVE GUIDES | TDRM 501 TO 15000 | 1 |
| | | PIPE PLUG, 1/2" COUNTERSUNK HEAD | | 1 |
| 251138 R11 | 65 | CYLINDER HEAD REAR, WITH STUDS AND VALVE GUIDES | TDRM 15001 UP | 1 |
| 251185 R91 | 65 | CYLINDER HEAD REAR, WITH VALVES AND VALVE SPRINGS | TDRM 15001 UP | 1 |
| 13000 D | 67 | CYLINDER HEAD EXPANSION PLUG, 1-1/8" (WILL WORK FOR 23007 V) | | 14 |
| 50410 DA | 68 | OIL HEADER PLUG | | 1 |
| | | | | |
| | | | | |
| 42763 DB | 69 | CYLINDER HEAD GASKET | | 2 |
| 32455 D | 70 | CYLINDER HEAD CENTER STUD WASHER | | 1 |
| 25090 DD | 71 | CYLINDER HEAD GASKET RING | | 6 |
| 67228 D | 71 | SET OF SIX (6) CYLINDER HEAD GASKET RINGS | | |
| | | (CONSISTS (6) 25090 DD) | | 1 |

| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D |
|---|---|---|---|---|
| | | **CYLINDER HEAD, VALVE HOUSING, VALVES AND STARTING VALVE MECHANISM — Continued** | | |
| 255003 R91 | | Starting Valve Positive Stop Field Improvement | | |
| | | Package Consisting of (Six) 6 Starting Valve Stop Sleeves, | | |
| | | 255012 R1 (1) One Gauge, 255013 R1 (Special) | TDRM 501 to 15000 | 1 |
| 20586 D | | Starting Valve Cross Shaft Lever Pin | TDRM 1687 up | 1 |
| | | Hex Nut, 5/16" N.F. | | 1 |
| | | Lockwasher, 5/16" | | 1 |
| 255012 R91 | | Starting Valve Stop Sleeve (Special) | TDRM 501 to 15000 | 6 |
| 31121 D | | Nozzle Body Stud Nut | | 12 |
| 255013 R91 | | Gauge (Special) | TDRM 501 to 15000 | 1 |
| 42764 D | | Trip Release Lever | TDRM 501 to 1686 | 1 |
| | | | | |
| 23007 V | | Cylinder Head Expansion Plug, 1" (Order 13000 D) | | 12 |
| 32454 D | | Cylinder Head Stud Nut | TDRM 15001 up | 31 |
| 37323 D | | Cylinder Head Breather Tube Elbow, Front | TDRM 15001 up | 1 |
| 37323 DX | | Cylinder Head Breather Tube Elbow with 1 Nut, 37165 D | TDRM 15001 up | 1 |
| | | | | |
| 42739 DA | | Starting Valve Operating Shaft Pin | TDRM 15001 up | 1 |
| | | Hex Nut, 1/4" N.F. | | 1 |
| 46212 D | | Starting Valve Shaft Spring, Rear | TDRM 15001 up | 1 |
| 46213 D | | Starting Valve Shaft Spring, Front | TDRM 15001 up | 1 |
| | | | | |
| 50607 DX | | Cylinder Head Breather Tube Elbow, Rear with 1 Nut | | |
| | | 37165 D | TDRM 15001 up | 1 |
| 50607 D | | Cylinder Head Breather Tube Elbow, Rear | TDRM 15001 up | 1 |
| 50664 D | | Valve Housing Stud, Short | TDRM 15001 up | 1 |
| 50668 D | | Starting Valve Shaft Locating Pin | TDRM 15001 up | 1 |
| 50672 D | | Starting Valve Operating Shaft | TDRM 15001 up | 1 |
| 50673 D | | Starting Valve Operating Shaft Lever | TDRM 15001 up | 1 |
| 50674 D | | Starting Valve Operating Lever Stop | TDRM 15001 up | 1 |
| 50678 D | | Starting Valve Operating Lever Stop | TDRM 15001 up | 1 |
| | | Lockwasher, 3/8" | | 1 |
| | | | | |
| 57068 DX | | Cylinder Head Breather Pipe Elbow with 1 Nut, 37165 D | TDRM 15001 up | 1 |
| 68251 D | | Starting Valve Shaft Push Rod Lockwire | TDRM 15001 up | 1 |
| | | | | |
| 250450 R1 | | Manifold Stud | TDRM 15001 up | 8 |
| 258344 R1 | | Cylinder Head Stud Spacer | *TDRM 16953 up | 2 |
| 251064 R1 | | Injection Nozzle Stud | TDRM 15001 up | 6 |
| 251212 R1 | | Valve Lever Rear Center Bracket, Lower Half | TDRM 15001 up | 1 |
| 251213 R1 | | Valve Lever Rear Center Bracket, Upper Half | TDRM 15001 up | 1 |
| | | Cap Screw, 3/8 x 2" N.C. Hex Head | | 2 |
| | | Set Screw - Cup Points, 5/16 x 3/4" N.C. Headless | | 2 |
| | | Hex Nut, 1/2" N.F. | | 1 |
| | | Hex Jam Nut, 5/16" N.C. | | 2 |
| | | Lockwasher, 3/8" | | 2 |
| | | | | |
| 254224 R1 | | Lifting Eye | TDRM 15001 to 16952 | 1 |
| | | Cap Screw, 9/16 x 1-3/4" N.C. Hex Head | | 2 |
| | | Lockwasher, 9/16" | | 2 |
| 114604 | | Starting Valve Operating Shaft Pin Lockwasher (Will Work for | | |
| | | 2853 Y) | | 1 |
| 2853 Y | | Starting Valve Operating Shaft Pin Lockwasher | | |
| | | (Order 114604) | TDRM 15001 up | 1 |
| | | Hex Nut, 1/4" N.F. | | 1 |
| | | | | |

* Order Lifting Eye 254224 R1 if desired




*Reference numbers only are shown in illustration. Use I H C part numbers in ordering.*
*Unnumbered parts in the illustrations are the same as corresponding parts shown with numbers.*

## STARTING MECHANISM, GOVERNOR CONTROL AND AUTOMATIC TRIP MECHANISM

**Engines TDRM 501 to TDRM 1686**

**Note:—(See Cylinder Head for parts used on Engines TDRM 1687 up)**

| | | | | |
|---|---|---|---|---|
| 42979 D | 1 | Governor Control Rod Spring | TDRM 501 to 1035 | 2 |
| 54125 D | 1 | Governor Control Rod Spring | TDRM 1036 up | 2 |
| 103494 | 2 | Governor Control Rod Pin | TDRM 501 to 1686 | 1 |
| | | Cotter Pin, 1/16 X 3/4" | | 1 |
| 5991 DA | 3 | Governor Control Bell Crank (Order 50953 D) | TDRM 501 to 825 Ⓑ | 1 |
| 8079 D | 3 | Governor Control Bell Crank | TDRM 826 to 1035 Ⓐ | 1 |
| 8528 D | 3 | Governor Control Bell Crank | TDRM 1036 to 1686 | 1 |
| 50953 D | 3 | Governor Control Bell Crank, 8079 D with Stud, 50947 D | | |
| | | (Will Work for 5991 DA and 42777 D) | TDRM 501 to 825 Ⓑ | 1 |
| 41958 DA | 4 | Governor Control Rod Adjusting Block | TDRM 501 to 1686 | 1 |
| | | Washer, 3/8 I.D. x 11/16" O.D. x No. 16 Ga. (Q 1501) | | 1 |
| | | Cotter Pin, 3/32 x 3/4" | | 1 |
| 5971 D | 5 | Cross Shaft Thrust Bracket | TDRM 501 to 1686 | 1 |
| | | Cap Screw, 1/2 X 1-1/4" N.C. Hex Head | | 2 |
| | | Lockwasher, 1/2" | | 2 |
| 42759 D | 6 | Starting Valve Cross Shaft Thrust Screw | | 1 |
| | | Cotter Pin, 3/32 X 1-1/4" | | 1 |
| 28950 D | 7 | Governor Control Lever Pin Washer | TDRM 501 to 1686 | 1 |
| 42976 D | 8 | Governor Control Lever Pin | TDRM 501 to 1686 | 1 |
| | | Cotter Pin, 3/32 X 1/2" | | 1 |
| 42975 DX | 9 | Governor Control Lever with Pin, 42976 D | TDRM 501 to 1686 | 1 |

Ⓑ - Also TDRM 835 Ⓐ - Not TDRM 835

| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D | |
|---|---|---|---|---|---|
| | | **STARTING MECHANISM, GOVERNOR CONTROL AND AUTOMATIC TRIP MECHANISM—Continued** | | | |
| | | **Engines TDRM 501 to TDRM 1686** | | | |
| 42753 D | 10 | Cross Shaft Starting Lever Pin | TDRM 501 to 1686 | 1 | |
| | | Washer, 15/32"I.D. X 13/16" O.D. X No. 14 Gauge | | 1 | |
| | | Cotter Pin, 3/32 X 5/8" | | 1 | |
| 42973 DX | 11 | Cross Shaft Starting Lever with Pin, 42753 D | TDRM 501 to 1686 | 1 | |
| 42974 D | 12 | Cross Shaft Starting Lever Adjuster | TDRM 501 to 1686 | 1 | |
| | | Cap Screw, 5/16 X 7/8" N.F. Hex Head | | 2 | |
| | | Hex Nut, 5/16" N.F. | | 2 | |
| | | Lockwasher, 5/16" | | 2 | |
| 20586 D | 13 | Cross Shaft Release Lever Adjusting Pin | TDRM 501 to 1686 | 1 | |
| 42760 D | 14 | Valve Housing Oil Seal, Small | | 1 | |
| 42754 DA | 15 | Cross Shaft Inner Lever | | 1 | |
| 32469 DX | 16 | Starting Valve Shaft, Front and Rear with Two Rollers, | | | |
| | | 24916 D and Pin, 24917 D | | 2 | |
| 24917 D | 17 | Starting Valve Cam Pin | | 6 | |
| 24916 D | 18 | Starting Valve Cam Roller | | 6 | |
| 32471 DA | 19 | Starting Valve Shaft Gear, 8 Teeth | | 1 | |
| 5972 DX | 20 | Cross Shaft Bracket with Stud, 32463 D | | 1 | |
| | | Cap Screw, 3/8 X 3" N.C. Hex Head | | 4 | |
| | | Set Screw, 5/16 X 3/4" N.C. Headless, Cup Point | | 2 | |
| | | Hex Nut, 5/16" N.C. | | 2 | |
| | | Lockwasher, 3/8" | | 4 | |
| 42751 D | 21 | Starting Valve Cross Shaft | TDRM 501 to 1686 | 1 | |
| 32460 D | 22 | Valve Housing Oil Seal, Large | | 1 | |
| 20586 D | 23 | Cross Shaft Starting Lever Adjusting Pin | TDRM 501 to 1686 | 1 | |
| | | Washer, 11/32" I.D. X 11/16" O.D. X No. 16 Gauge | | 1 | |
| | | Hex Nut, 5/16" N.F. | | 3 | |
| | | Lockwasher, 5/16" | | 3 | |
| 42758 D | 24 | Cross Shaft Release Lever Adjuster | TDRM 501 to 1686 | 1 | |
| | | Cap Screw, 5/16 X 7/8" N.F. Hex Head | | 2 | |
| | | Hex Nut, 5/16" | | 1 | |
| | | Lockwasher, 5/16" | | 2 | |
| | | Washer, 11/32" I.D. X 11/16" O.D. X No. 16 Gauge | | 1 | |
| 42761 D | 25 | Shut-off Release Lever Stud | TDRM 501 to 1686 | 1 | |
| | | Washer, 19/32" I.D. X 1" O.D. X No. 16 Gauge (Q 1527) | | 1 | |
| | | Cotter Pin, 3/32 X 7/8" | | 1 | |
| 42757 D | 26 | Cross Shaft Release Lever | TDRM 501 to 1686 | 1 | |
| 14611 H | 27 | Air Valve Control Rod Pin | TDRM 501 to K686 | 2 | |
| | | Cotter Pin, 1/16 X 7/16" | | 2 | |
| 17730 D | 28 | Air Valve Control Rod Adjustable Yoke | | 1 | |
| | 29 | Follows Reference No. 30 | | | |
| 42780 DX | 30 | Air Valve Control Rod with End | | 1 | |
| | 29 | Hex Nut, 1/4" N.F. | | 1 | |

# DIESEL ENGINE

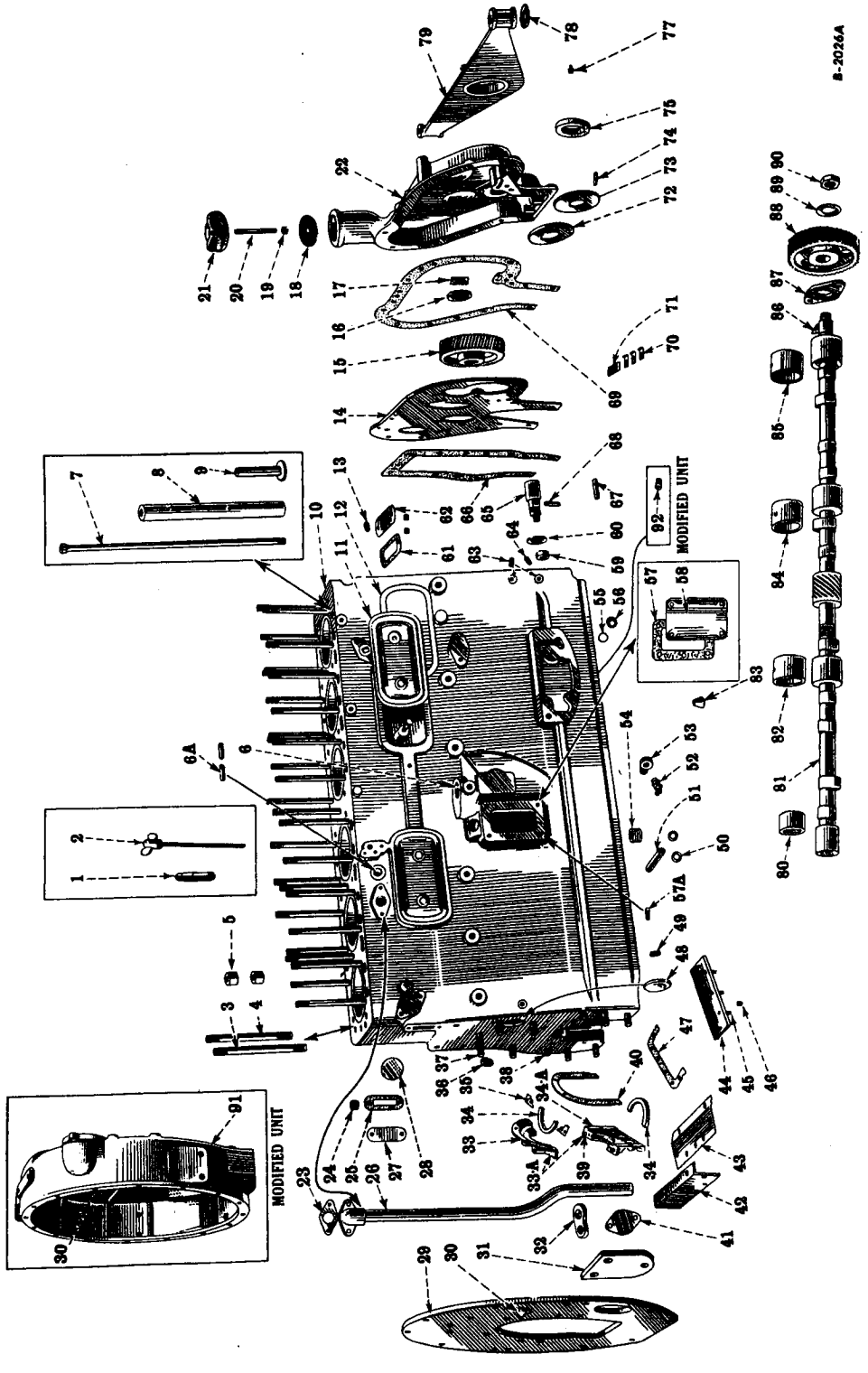
## STARTING MECHANISM, GOVERNOR CONTROL AND AUTOMATIC TRIP MECHANISM—Continued

**Engines TDRM 501 to TDRM 1686**

| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D |
|---|---|---|---|---|
| 42977 DAX | 31 | Governor Control Rod, Upper with End Yoke | TDRM 501 to 1035 | 1 |
| 54123 DX | 31 | Governor Control Rod, Upper with Welded End and Yoke | TDRM 1036 to 1526 | 1 |
| 56691 DX | 31 | Governor Control Rod, Upper with Welded End and Yoke | TDRM 1527 to 1686 | 1 |
| 42980 D | 32 | Governor Control Rod Trunnion Guide | TDRM 501 to 1035 | 1 |
| 54124 D | 32 | Governor Control Rod Trunnion Guide | TDRM 1036 up | 1 |
| 42981 DA | 33 | Governor Control Rod Trunnion | | 1 |
| | | Cotter Pin, 3/32 X 5/8" | | 1 |
| | | Washer, 13/32" I.D. X 3/4" O.D. X No. 16 Gauge (Q 1597) | | 1 |
| 42978 DX | 34 | Governor Control Rod, Lower with Yoke | TDRM 501 to 825 Ⓑ | 1 |
| | | Hex Nut, 5/16" N.F. | | 2 |
| 49709 DX | 34 | Governor Control Rod, Lower with Yoke | TDRM 826 to 1035 Ⓐ | 1 |
| | | Hex Nut, 5/16" N.F. | | 2 |
| 54122 DX | 34 | Governor Control Rod, Lower with Yoke | TDRM 1036 to 1526 | 1 |
| | | Hex Nut, 5/16" N.F. | | 2 |
| 56690 DX | 34 | Governor Control Rod, Lower with Yoke | TDRM 1527 to 1686 | 1 |
| 57244 DX | 34 | Governor Control Rod, Lower with Yoke (Field Change) | TDRM 567 to 825 | |
| | | | Also 835 | 1 |
| 42777 D | 35 | Governor Control Bell Crank Stud (Order 50953 D) | TDRM 501 to 825 Ⓑ | 1 |
| 50947 D | 35 | Governor Control Bell Crank Stud | TDRM 826 to 1526 Ⓐ | 1 |
| | | Cotter Pin, 3/32 X 5/8" | | 1 |
| | | Washer, 13/32" I.D. X 3/4" O.D. X No. 16 Gauge (Q 1597) | | 1 |
| 56689 D | 35 | Governor Control Rod Bell Crank Stud | TDRM 1527 to 1686 | 1 |
| | | Cotter Pin, 3/32 X 5/8" | | 1 |
| | | Washer, 13/32" I.D. X 3/4" O.D. X No. 16 Gauge (Q 1597) | | 1 |
| 42755 D | 36 | Cross Shaft Return Spring | | 1 |
| | | Washer, 19/32" I.D. X 1" O.D. X No. 12 Gauge (Q 1527) | | 1 |
| | | Cotter Pin, 3/32 X 7/8" | | 1 |
| 42756 D | 37 | Cross Shaft Return Spring Anchor Stud | | 1 |
| 32470 DX | 38 | Starting Valve Shaft, Center with Two Rollers, | | |
| | | 24916 D and Pins, 24917 D | | 1 |
| 42777 D | 44 | Trip Bell Crank Stud | TDRM 501 to 1686 | 1 |
| | | Washer, 13/32" I.D. X 3/4" O.D. X No. 16 Gauge (Q 1597) | | 2 |
| | | Cotter Pin, 3/32 X 5/8" | | 2 |
| 42770 DX | 45 | Carburetor Control Rod with End | TDRM 501 to 1686 | 1 |
| | | Cotter Pin, 1/16 X 7/16" | | 1 |
| 42778 DX | 46 | Trip Operating Rod, Upper with Ends | TDRM 501 to 1686 | 1 |
| 42776 D | 47 | Trip Bell Crank | TDRM 501 to 1686 | 1 |
| 42779 DX | 48 | Trip Operating Rod Lower with End | TDRM 501 to 1686 | 1 |
| | | Hex Nut, 1/4" N.F. | | 1 |
| 17730 D | 49 | Trip Operating Rod Adjustable Yoke, Lower | TDRM 501 to 1686 | 1 |
| 14611 H | 50 | Trip Operating Rod Pin | TDRM 501 to 1686 | 4 |
| | | Cotter Pin, 1/16 X 7/16" | | 4 |
| 42764 D | 51 | Trip Release Lever | TDRM 501 to 1686 | 1 |

Ⓑ - Also TDRM 835 Ⓐ - Not TDRM 835

## MEMORANDA




CRANKCASE, FRONT COVER, FRONT AND REAR ENGINE SUPPORTS, CAMSHAFT AND RELATED PARTS

*Reference numbers only are shown in illustration. Use I H C part numbers in ordering.*
*Unnumbered parts in the illustrations are the same as corresponding parts shown with numbers.*

# DIESEL ENGINE

| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D | |
|---|---|---|---|---|---|
| **CRANKCASE, FRONT COVER, FRONT AND REAR ENGINE SUPPORTS, CAMSHAFT AND RELATED PARTS** | | | | | |
| 32328 D | 1 | Lubricating Oil Level Gauge Sleeve | TDRM 501 to 566 | 1 | |
| 48262 D | 1 | Lubricating Oil Level Gauge Sleeve | TDRM 567 up | 1 | |
| 42795 DX | 2 | Oil Level Gauge with Wing Nut | TDRM 501 to 15000 | 1 | |
| 58967 DX | 2 | Oil Level Gauge with Wing Nut | TDRM 15001 up | 1 | |
| 39810 D | 3 | Cylinder Head Stud, Long | TDRM 501 to 15000 | 23 | |
| 254225 R1 | 3 | Cylinder Head Stud, Long | TDRM 15001 up | 2 | |
| 42717 D | 4 | Cylinder Head Stud, Short | TDRM 501 to 15000 | 8 | |
| 39810 D | 4 | Cylinder Head Stud | TDRM 15001 up | 29 | |
| 32454 D | 5 | Cylinder Head Stud Nut | | 31 | |
| 13001 D | 6 | Crankcase Distributor Hole Expansion Plug, 1-5/8" | TDRM 501 to 1641 | 1 | |
| 29565 D | 6 | Crankcase Distributor Hole Expansion Plug, 1-7/8" (Order 172580) | TDRM 1641 up | 1 | |
| 172580 | 6 | Crankcase Distributor Hole Expansion Plug, 1-7/8" (Will Work for 29565 D) | Also TDRM 22000 to 22007 and 21722 | 1 | |
| 50827 D | 6A | Cross Shaft Bushing | TDRM 1687 up | 2 | |
| 32486 DAX | 7 | Valve Push Rod with Ends | | 12 | |
| 4988 D | 8 | Valve Tappet Guide | | 12 | |
| 25043 DB | 9 | Valve Tappet | | 12 | |
| 5974 D | 10 | Crankcase (Order 252049 R93) | TDRM 501 to 566 | 1 | |
| 6542 D | 10 | Crankcase (Order 56999 DC) | TDRM 567 to 825 | | |
| | | | Also 835 | 1 | |
| 6542 DX | 10 | Crankcase (Order 57000 DD) | TDRM 826 to 1526 | | |
| | | | Not 835 | 1 | |
| 6542 DFX | 10 | Crankcase with Studs and Camshaft Bearings (Order 255634 R91) | TDRM 1527 to 15000 | | |
| | | | Not 12032 to 12832 | 1 | |
| 6542 DFY | 10 | Crankcase, 255634 R92 with Crankshaft Bearings | | | |
| | | (Will Work for 5974 D) (Order 252049 R93) | TDRM 501 to 566 | 1 | |
| | 24 | Pipe Plug, 3/4" Countersunk Head | | 2 | |
| | 54 | Pipe Plug, 1" Countersunk Head | | 1 | |
| | | Pipe Plug, 1/4" Square Head | | 1 | |
| | 53 | Street Elbow, 3/8" | | 1 | |
| 8906 DEX | 10 | Crankcase, Complete (* Power Scraper Modification Galion 24 and Scraper Modification Euclid 1) (Order 255635 R92) | | 1 | |
| | 24 | Pipe Plug, 3/4" Countersunk Head | | 2 | |
| | 53 | Street Elbow, 3/8" (For Water Jacket Drain Cock) | | 1 | |
| | 54 | Pipe Plug, 1" Countersunk Head | | 1 | |
| 56999 DC | 10 | Crankcase, 255634 R92 with Governor Control Rods | TDRM 567 to 825 | | |
| | | (Will Work for 6542 D) | Also 835 | 1 | |
| 57000 DD | 10 | Crankcase, 255634 R92 with Governor Control Rods (Bosch Pump) | TDRM 826 to 1526 | | |
| | | (Will Work for 6542 DX) | Not 835 | 1 | |
| 251280 R11 | 10 | Crankcase Complete (Bosch Pump) (Order 254481 R93) | TDRM 15001 to 16279 | 1 | |
| 251765 R91 | 10 | Crankcase, Complete (Order 254634 R92) | TDRM 1527 to 15000 | | |
| | | | Not 12032 to 12832 | 1 | |
| 252049 R93 | 10 | Crankcase, Complete (Will Work for 5974 D and 6542 DFY) | TDRM 501 to 566 | 1 | |
| 254475 R21 | 10 | Crankcase Complete (IH or Bosch) (Order 255631 R21) | TDRM 16280 up | 1 | |
| 254481 R93 | 10 | Crankcase, Complete (Bosch Pump) (Will Work for 251280 R11 and 254851 R11) | TDRM 15001 to 16279 | 1 | |
| | | | Also TDRM 22000 to 22007 and 21722 | 1 | |
| 254851 R11 | 10 | Crankcase, Complete (Bosch) (Order 254481 R92) | TDRM 15001 to 16279 | | |
| | | | Also TDRM 22000 to 22007 and 21722 | 1 | |

(*) - For Tabulation of Modification See Introduction Page

Note - I.H. Injection Pumps were not used below Serial Number - TDRM 15000.

| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D | |
|---|---|---|---|---|---|
| **CRANKCASE, FRONT COVER, FRONT AND REAR ENGINE SUPPORTS, CAMSHAFT AND RELATED PARTS —Continued** | | | | | |
| 255043 R91 | 10 | Crankcase (Order 256091 R93) | TDRM 12032 to 12832 | 1 | |
| 255631 R21 | 10 | Crankcase Complete (IH and Bosch) (Will Work for 254475 R21) | TDRM 16280 up | 1 | |
| | | | Except TDRM 22000 to 22007 and 21722 | | |
| 255634 R92 | 10 | Crankcase, Complete (Will Work for 6542 DFX and 251765 R91) | TDRM 1527 to 15000 | 1 | |
| | | | Not 12032 to 12832 | | |
| 255635 R92 | 10 | Crankcase, Complete (Will Work for 8906 DBX) | | 1 | |
| 256091 R93 | 10 | Crankcase (Will Work for 255043 R91) | TDRM 12032 to 12832 | 1 | |
| | | | | | |
| 39756 D | 11 | Push Rod Chamber Side Plate | | 2 | |
| | | Cap Screw, 3/8 x 7/8" N.C. Hex. Head | | 4 | |
| 39757 DB | 12 | Push Rod Chamber Side Plate Gasket | | 2 | |
| 30397 D | 13 | Crankcase Oil Header Pipe Plug | | 3 | |
| 32367 DAX | 14 | Crankcase Front Plate with Ferrule | | 1 | |
| | | Cap Screw, 1/2 x 1" N.C. Hex. Head | | 5 | |
| 25140 DDX | 15 | Idler Gear (64 Teeth) with Bushing, 25139 DC) | | 1 | |
| 25131 D | 16 | Idler Gear Thrust Washer | | 1 | |
| | | Cap Screw, 5/16 x 3/4" N.F. Hex Head | | 1 | |
| 25130 D | 17 | Idler Gear Thrust Washer Cap Screw Lock | | 1 | |
| 1242 DB | 18 | Lubricating Oil Filler Strainer | | 1 | |
| | 19 | Follows Reference No. 20 | | | |
| 28940 DA | 20 | Crankcase Oil Filler Stud | | 1 | |
| | 19 | Hex. Nut, 3/8" N.C. | | 1 | |
| 3713 DA | 21 | Lubricating Oil Filler Cap | | 1 | |
| | | | | | |
| 5976 DAXA | 22 | Crankcase Front Cover, Complete | | 1 | |
| | | Cap Screw, 1/2 x 1-3/4" N.C. Hex. Head | | 9 | |
| | | Lockwasher, 1/2" | | 9 | |
| 25121 DB | 23 | Breather Pipe Flange Gasket | | 1 | |
| | 24 | Follows Reference No. 10 | | | |
| 39764 DB | 25 | Push Rod Chamber Rear Plate Gasket | | 1 | |
| 39758 DX | 26 | Breather Pipe with Flange | TDRM 501 to 1526 | 1 | |
| | | Cap Screw, 3/8 x 1-1/4" N.C. Hex. Head | | 2 | |
| | | Lockwasher, 3/8" | | 2 | |
| 55307 DAX | 26 | Breather Pipe with Flange | TDRM 1527 up | 1 | |
| | | Cap Screw, 3/8 x 1-1/4" N.C. Hex. Head | | 2 | |
| | | Lockwasher, 3/8" | | 2 | |
| 39763 D | 27 | Push Rod Chamber Rear Plate | | 1 | |
| | | Cap Screw, 3/8 x 7/8" N.C. Hex. Head | | 2 | |
| | | Lockwasher, 3/8" | | 2 | |
| 13062 D | 28 | Crankcase Water Jacket Expansion Plug, 1-1/2" (Order 172574) | | 3 | |
| 256657 R1 | 28 | Crankcase Water Jacket Expansion Plug - 1-1/2" (Bronze) | | 3 | |
| 172574 | 28 | Crankcase Water Jacket Expansion Plug, 1-1/2" (Will Work for 13062 D) | | 3 | |
| 42707 DBRX | 29 | Rear Engine Support with Indicator, 42708 D | | 1 | |
| | | Cap Screw, 5/8 x 1-5/8" N.C. Hex. Head | | 6 | |
| | | Cap Screw, 5/8 x 2-1/2" N.C. Hex. Head | | 2 | |
| | | Cap Screw, 5/8 x 3-3/4" N.F. Hex. Head | | 2 | |
| | | Lockwasher, 5/8" | | 10 | |
| | | Hex. Nut, 5/8" N.F. | | 2 | |
| | | | | | |
| 42708 D | 30 | Timing Indicator | | 1 | |
| | | Rivet, 3/16 x 3/4" Flat Head | | 2 | |
| 47801 D | 31 | Starting Motor Mounting Opening Cover | | | |
| | | (For Tractors without Electric Starting) | | 1 | |
| | | Cap Screw, 1/2 x 5/8" N.F. Hex. Head | | 3 | |
| | | Lockwasher, 1/2" | | 3 | |

Note - I.H. Injection Pumps were not used below Serial Number - TDRM 15000

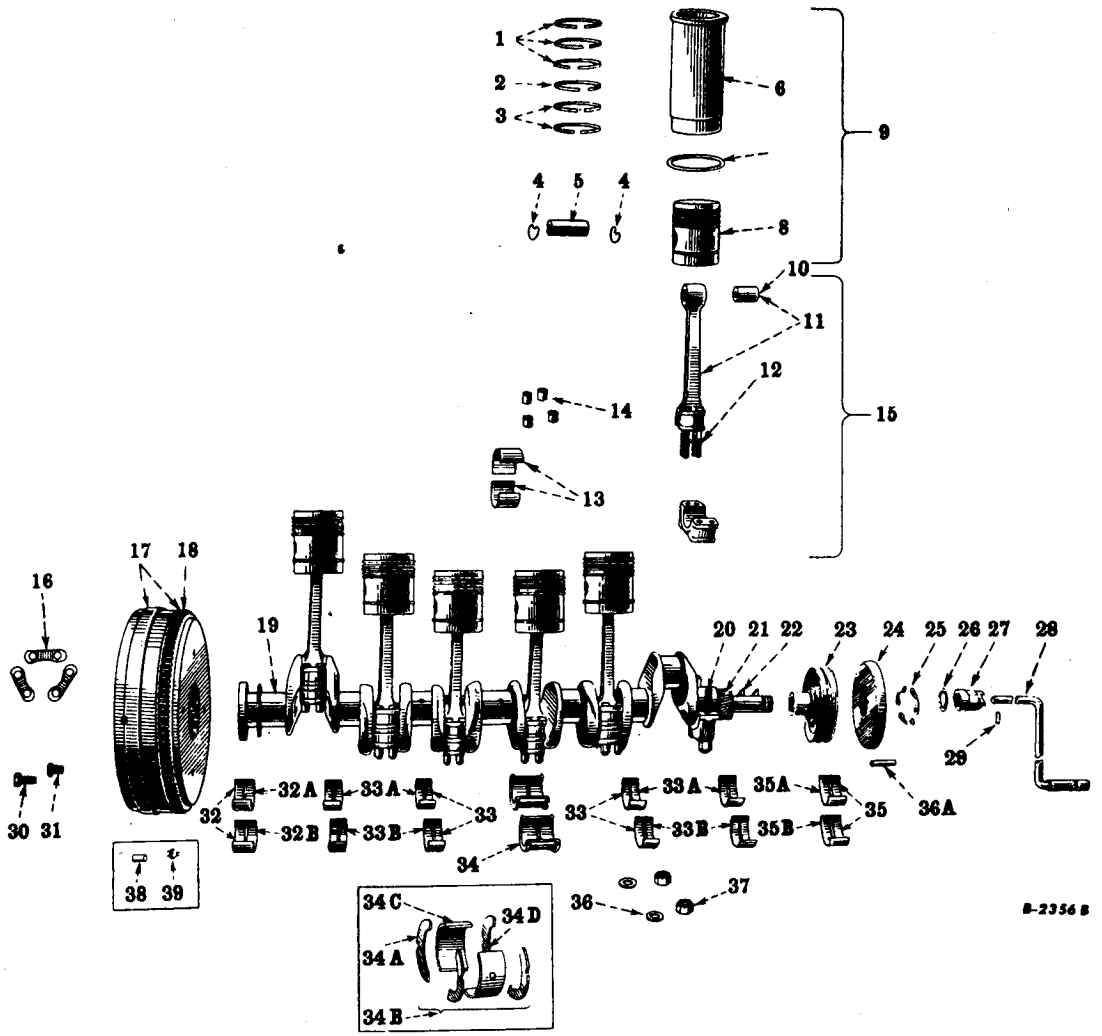
| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D |
|---|---|---|---|---|
| | | **CRANKCASE, FRONT COVER, FRONT AND REAR ENGINE SUPPORTS, CAMSHAFT AND RELATED PARTS —Continued** | | |
| 39759 DA | 32 | Breather Pipe Clip | | 1 |
| 4993 DC | 33 | Crankshaft Rear Oil Seal Upper Retainer | | |
| | | (Complete - Aluminum)(9269 D Will Work) | | 1 |
| | | Cap Screw, 3/8 x 1-3/8" N.C. Hex Head | | 4 |
| | | Cap Screw, 3/8 x 3-1/2" N.C. Hex Head | | 2 |
| | | Washer, 3/4" O. D. x 13/32" I. D. x No. 14 Ga. (Q 1597) | | 6 |
| | | Lockwasher, 3/8" | | 6 |
| 9269 D | 33 | Crankshaft Rear Oil Seal Upper Retainer (Grey Iron) | | |
| | | (Will Work for 4993 DA) | | 1 |
| | | Cap Screw, 3/8 x 1-3/8" N.C. Hex Head | | 4 |
| | | Cap Screw, 3/8 x 3-1/2" N.C. Hex Head | | 2 |
| | | Washer, 3/4" O. D. x 13/32" I. D. x No. 14 Ga. (Q 1597) | | 6 |
| | | Lockwasher, 3/8" | | 6 |
| 39401 DA | 33A | Crankshaft Rear Oil Seal Retainer, Complete | | |
| | | (Aluminum)(62578 D Will Work) | | 1 |
| | | Cap Screw, 3/8 x 3-1/2" N.C. Hex. Head | | 2 |
| | | Washer, 3/4" O.D. x 13/32" I.D. x No. 14 Ga. (Q 1597) | | 2 |
| | | Lockwasher, 3/8" | | 2 |
| 62578 D | 33A | Crankshaft Rear Oil Seal Retainer, Complete | | |
| | | (Order 39401 DA) | | 1 |
| 32307 DB | 34 | Crankshaft Rear Oil Seal Felt | | 2 |
| 4994 DCX | 34A | Crankshaft Rear Oil Seal Lower Retainer with 2 Dowels, | | |
| | | 25076 D (Complete - Aluminum)(9270 D Will Work) | | 1 |
| | | Cap Screw, 3/8 x 1-3/8" N.C. Hex Head | | 2 |
| | | Washer, 3/4" O.D. x 13/32" I.D. x No. 14 Ga. (Q 1597) | | 2 |
| | | Lockwasher, 3/8" | | 2 |
| 9270 D | 34A | Crankshaft Rear Oil Seal Lower Retainer (Grey Iron) | | |
| | | (Will Work for ~~4994~~ DAX) | | 1 |
| | | Cap Screw, 3/8 x 1-3/8" N.C. Hex Head | | 2 |
| | | Washer, 3/4" O.D. x 13/32" I.D. x No. 14 Ga. ( Q 1577) | | 2 |
| | | Lockwasher, 3/8" | | 2 |
| | | | | |
| 32308 DB | 35 | Crankshaft Rear Oil Seal Retainer Gasket (Order 256699 R91) | | 2 |
| 256699 R91 | 35 | Crankshaft Rear Oil Seal Retainer Gasket (Between Halves) | | |
| | | (Will Work for 32308 DB). | | 2. |
| | | | | |
| 47415 H | 36 | Rear Engine Support Stud Nut Lockwasher (Shakeproof 1128) | TDRM 1930 up | 11 |
| 42718 DA | 37 | Rear Engine Support Stud (Order 60292 D) | TDRM 501 to 1929 | 11 |
| | | Hex. Nut, 5/8" N.F., Slotted | | 11 |
| | | Cotter Pin, 1/8 x 1" | | 11 |
| | | | | |
| 42718 DB | 37 | Rear Engine Support Stud | TDRM 1930 up | 11 |
| | | Hex. Nut, 5/8" N.F. | | 11 |
| 60292 D | 37 | Rear Engine Support Stud, 42718 DB with Lockwasher, | | |
| | | 47415 H (Will Work for 42718 DA) | TDRM 501 to 1929 | 11 |
| 25086 DA | 38 | Rear Engine Support Dowel Pin | | 2 |
| 25076 D | 39 | Crankshaft Rear Oil Seal Retainer Dowel | | 2 |
| 32309 DC | 40 | Crankshaft Rear Oil Seal Gasket | | 1 |
| 25063 DA | 41 | Flywheel Timing Mark Cover | | 1 |
| | | Cap Screw, 5/16 x 5/8" N.F. Hex. Head | | 2 |
| | | Lockwasher, 5/16" | | 2 |
| | | | | |
| 42713 D | 42 | Crankcase Rear Dust Seal | | 1 |
| | | Cap Screw, 3/8 x 3/4" N.F. Hex. Head | | 5 |
| | | Cap Screw, 3/8 x 1-1/4" N.C. Hex Head | | 2 |
| | | Lockwasher, 3/8" | | 7 |
| 42714 DB | 43 | Crankcase Rear Dust Seal Gasket | | 1 |

| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D | |
|---|---|---|---|---|---|
| **CRANKCASE, FRONT COVER, FRONT AND REAR ENGINE SUPPORTS, CAMSHAFT AND RELATED PARTS —Continued** | | | | | |
| 32310 DX | 44 | Crankcase Oil Seal Retainer Plate with 3 Studs, 32311 D | | 1 | |
| | | Cap Screw, 3/8 x 1" N.C. Hex. Head | | 4 | |
| | | Lockwasher, 3/8" | | 4 | |
| 32311 D | 45 | Crankcase Oil Seal Retainer Plate Stud | | 3 | |
| 25093 DA | 46 | Crankcase Oil Seal Retainer Plate Felt Plug | | 2 | |
| 32312 DB | 47 | Crankcase Oil Seal Retainer Plate Gasket | | 1 | |
| 172589 | 48 | Crankcase Rear Camshaft Bearing Expansion Plug, 2-1/4" | | | |
| | | (Will Work for 21826 H) | | 1 | |
| 21826 H | 48 | Crankcase Rear Camshaft Bearing Expansion Plug, 2-1/4" (Order 172589) | | 1 | |
| 50474 DA | 49 | Oil Header Plug, 1/4" | | 5 | |
| | | | | | |
| 49387 D | 50 | Push Rod Chamber Side Plate Bolt Washer (62866 D Will Work) | TDRM 631 to 1705 | 4 | |
| 58511 D | 50 | Push Rod Chamber Side Plate Bolt Washer (62866 D Will Work) | TDRM 1706 up | 1 | |
| 62866 D | 50 | Push Rod Chamber Side Plate Bolt Washer | | | |
| | | (Will Work for 49387 D or 58511 D) | | 4 | |
| 31167 H | 50 | Push Rod Chamber Side Plate Nut Washer | TDRM 501 to 630 | 4 | |
| | | | | | |
| 46351 D | 51 | Lubricating Oil Filter Return Pipe | | 1 | |
| | | | | | |
| 31729 D | 52 | Crankcase Water Jacket Drain Cock, 3/8" | TDRM 501 to 15000 | 1 | |
| 24857 D | 52 | Crankcase Water Jacket Drain Cock | TDRM 15001 up | 1 | |
| | 53 | Follows Reference No. 10 | | | |
| | 54 | Follows Reference No. 10 | | | |
| 32306 D | 55 | Crankcase Distributor Hole Ring | TDRM 501 to 1641 | 1 | |
| 13897 D | 56 | Crankcase Distributor Hole Lockwasher | | | |
| | | (Shakeproof No. 1118)(Will Work for 22891 D) | | 1 | |
| 22891 D | 56 | Crankcase Distributor Hole Lockwasher (Shakeproof 1218) | | | |
| | | (Order 13897 D) | | 1 | |
| | | Cap Screw, 5/16 x 5/8" N.C. Hex. Head | | 1 | |
| 42733 DB | 57 | Crankcase Side Cover Gasket | TDRM 1687 up | 1 | |
| 39482 D | 57A | Automatic Trip Housing Dowel | TDRM 1687 to 15000 | 2 | |
| 8929 D | 58 | Crankcase Side Cover | TDRM 1750 up | 1 | |
| | | Cap Screw, 3/8 x 1" N.C. Hex. Head | | 4 | |
| | | Lockwasher, 3/8" | | 4 | |
| 56461 D | 58 | Crankcase Side Cover | TDRM 1687 to 1749 | 1 | |
| | | Cap Screw, 3/8 x 3/4" N.C. Hex. Head | | 4 | |
| | | Lockwasher, 3/8" | | 4 | |
| | 59 | Follows Reference No. 65 | | | |
| 25132 D | 60 | Idler Gear Shaft Nut Lock | | 1 | |
| | | | | | |
| 39762 DB | 61 | Push Rod Chamber Front Plate Gasket | TDRM 501 to 15000 | 1 | |
| 39761 D | 62 | Push Rod Chamber Front Plate | TDRM 501 to 15000 | 1 | |
| | | Cap Screw, 3/8 x 3/4" N.C. Hex. Head | | 2 | |
| | | Lockwasher, 3/8" | | 2 | |
| 50410 DA | 63 | Oil Header Plug, 1/8" | | 4 | |
| 38028 DM | 64 | Crankcase - Magneto Drive Metering Plug | | 1 | |
| 25138 DAX | 65 | Idler Gear Shaft with Pin, 29764 D | | 1 | |
| | 59 | Hex. Nut, 3/4" N.F. | | 1 | |
| 38814 DX | 65 | Idler Gear Shaft (.015" Oversize) with Pin, 29764 D | | 1 | |
| 32368 DB | 66 | Crankcase Front Plate Gasket | | 1 | |
| 25087 D | 67 | Crankcase Front Cover Dowel | | 2 | |
| 29764 D | 68 | Idler Gear Shaft Dowel Pin (Order 25138 DAX) | | 1 | |
| 32371 D | 69 | Crankcase Front Cover Gasket | | 1 | |
| 32370 D | 70 | Crankcase Front Plate Screw Lock | | 3 | |
| 39380 D | 71 | Crankcase Front Plate Screw Strip | | 1 | |
| 36796 DA | 72 | Crankshaft Oil Flinger | | 1 | |
| 36797 D | 73 | Crankshaft Oil Flinger Trough | | 1 | |

# DIESEL ENGINE

| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D |
|---|---|---|---|---|
| | | **CRANKCASE, FRONT COVER, FRONT AND REAR ENGINE SUPPORTS, CAMSHAFT AND RELATED PARTS —Continued** | | |
| 25954 D | 74 | Crankcase Front Cover Oil Pan Stud | | 1 |
| 36798 D | 75 | Crankshaft Front Oil Seal Felt (Order 258 511 R91) | | 1 |
| 36799 D | 75 | Crankshaft Front Oil Seal Felt Retainer (Order 258 511 R91) | | 1 |
| 258511 R91 | 75 | Crankshaft Front Oil Seal (Will Work for 36798 D and 36799 D) | | 1 |
| | | | | |
| 14186 DA | 77 | Front Engine Support Bearing Lubricator Fitting | TDRM 501 to 800 | 1 |
| Q 3615 | 77 | Front Engine Support Lubricator Fitting, 1/8" Straight | TDRM 801 up | 1 |
| 45976 D | 78 | Front Engine Support Shim, .0299" | | 2 |
| 45977 D | 78 | Front Engine Support Shim, .0149" | | x |
| 42709 DX | 79 | Front Engine Support with Bracket and Tube | | 1 |
| | | Nipple, 1/8 x 2" | | 1 |
| | | Coupling, 1/8" | | 1 |
| 22-118-1 | 79 | Front Engine Support (⊛ Scraper Modification Euclid 1) | | 1 |
| | | | | |
| 32283 DBR | 80 | Camshaft Rear Bearing | | 1 |
| 251060 R1 | 81 | Camshaft | TDRM 15001 up | 1 |
| 32279 DB | 81 | Camshaft | TDRM 501 to 1686 | 1 |
| | 90 | Hex. Nut, 1" N.F. | | 1 |
| 56464 D | 81 | Camshaft | TDRM 1687 to 15000 | 1 |
| 32282 DCR | 82 | Camshaft Third Bearing | | 1 |
| 52606 D | 83 | Crankcase Locating Hole Plug (Order Cork No. 6 Standard | | |
| | | No. 2 Grade 9/16 x 3/4 x 15/16" Long) | TDRM 1032 up | 2 |
| 32281 DBR | 84 | Camshaft Second Bearing | | 1 |
| 32280 DCR | 85 | Camshaft Front Bearing | | 1 |
| 117977 | 86 | Camshaft Gear Key (Woodruff "B") | TDRM 15001 up | 1 |
| 13055 D | 86 | Camshaft Gear Key (Woodruff "B") | TDRM 501 to 15000 | 1 |
| 5960 D | 87 | Camshaft Thrust Plate | | 1 |
| | | Cap Screw, 1/2 x 1-1/4" N.C. Hex. Head | | 2 |
| | | Lockwasher, 1/2" | | 2 |
| 256065 R2 | 88 | Camshaft Gear, 54 Teeth (Will Work for 32284 DC) | | 1 |
| 32284 DC | 88 | Camshaft Gear, 54 Teeth (Order 256065 R2) | | 1 |
| 25323 D | 89 | Camshaft Gear Nut Lock | | 1 |
| 58253 D | 90 | Camshaft Gear Nut | TDRM 1687 up | 1 |
| | | | | |
| | 90 | Follows Reference No. 81 | | |
| | | | | |
| 50826 D | | Cross Shaft Return Spring Pin | | 1 |
| | | | | |
| 14-2835-17 | 91 | Flywheel Housing (⊛ Power Scraper Modification Galion 24 | | |
| | | and Scraper Modification Euclid 1) | | 1 |
| 14-2835-21 | 91 | Flywheel Housing with Indicator 42708 D and 2 Rivets, | | |
| | | 3/16 x 1-1/4" Flat Head (⊛ Power Scraper Modification | | |
| | | Galion 24 and Scraper Modification Euclid 1) | | 1 |
| | | | | |
| 256258 R91 | | Replacement Engine Field Package (IH Fuel Injection Pump) | TDRM 501 to 15000 | 1 |
| | | | | |
| 38028 DM | 92 | Air Compressor Metering Plug (⊛ Scraper Modification | | |
| | | Galion 24 and Scraper Modification Euclid 1) | | 2 |
| | | | | |
| 256259 R91 | | Replacement Engine Field Package (Bosch Fuel Injection Pump) | TDRM 501 to 15000 | 1 |
| 37427 DA | | Crankshaft Main Bearing Shim, Front (.00275 to .00325) | TDRM 501 to 566 | 4 |
| 37428 DA | | Crankshaft Main Bearing Shim, Intermediate (.00275 to .00325) | TDRM 501 to 566 | 16 |
| 37429 DA | | Crankshaft Main Bearing Shim, Rear (.00275 to .00325) | TDRM 501 to 566 | 4 |
| | | | | |
| 39437 D | | Crankshaft Main Bearing Shim, Center (.00275 to .00325) | TDRM 501 to 566 | 4 |
| | | | | |
| | | | | X - As Required |

⊛ - For Tabulation of Modification See Introduction Page




*Reference numbers only are shown in illustration. Use I H C part numbers in ordering.*
*Unnumbered parts in the illustrations are the same as corresponding parts shown with numbers.*

## CRANKSHAFT AND RELATED PARTS, CONNECTING RODS, PISTONS, SLEEVES, DRIVE PULLEY, VIBRATION DAMPER AND STARTING CRANK

| | | | | |
|---|---|---|---|---|
| 31458 D | 1 | Piston Ring (Compression, Plain) | | 18 |
| 42694 D | 2 | Piston Ring (Compression - Tapered Face) | | 6 |
| 42219 DB | 3 | Piston Ring, Upper (Oil Regulating) | | 12 |
| | | | | |
| 26916 D | 4 | Piston Pin Retainer Ring | | 12 |
| 26915 DA | 5 | Piston Pin | | 6 |
| 53612 DA | 5 | Piston Pin (.005" Oversize) | | 6 |
| | | | | |
| 3202 DDRXA | 6 | Cylinder Sleeve with Packing Ring, 4222 D | | 6 |
| 4222 D | 7 | Cylinder Sleeve Packing Ring | | 6 |
| | | | | |
| 5957 DBX | 8 | Piston with Pin, 26915 D and 2 Retainer Rings, | | |
| | | 26916 D (Aluminum) (Order 42695 DB) | TDRM 501 to 15000 | 6 |
| 5957 DBY | 8 | Piston, Complete with 3 Rings, 31458 D, 2 Rings, | | |
| | | 42219 D and 1 Ring, 42694 D (Aluminum) (Order 42695 DB) | TDRM 501 to 15000 | 6 |
| 9323 DAX | 8 | Piston with Pin, 26915 D and 2 Retainer Rings, 26916 D | | |
| | | (Grey Iron Piston) (Order 42696 DB) | TDRM 501 to 15000 | 1 |

| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D |
|---|---|---|---|---|
| **CRANKSHAFT AND RELATED PARTS, CONNECTING RODS, PISTONS, SLEEVES, DRIVE PULLEY, VIBRATION DAMPER AND STARTING CRANK—Continued** | | | | |
| 9323 DAY | 8 | Piston, Complete with 3 Rings, 31458 D, 2 Rings, 42219 D | | |
| | | and 1 Ring, 42694 D (Grey Iron Piston) (Order 42696 DB) | TDRM 501 to 15000 | 1 |
| 64444 D | 8 | Set of Six Pistons, Pins and Rings, 9323 DAY (Grey Iron Piston) | | |
| | | (Order 42696 DB) | TDRM 501 to 15000 | 1 |
| 64445 D | 8 | Set of Six Pistons with Pins, 9323 DAX (Grey Iron Piston) | | |
| | | (Order 42696 DB) | TDRM 501 to 15000 | 1 |
| 251339 R91 | 8 | Set of Six Pistons, 251057 R11 | TDRM 15001 up | 1 |
| 251340 R91 | 8 | Set of Six Pistons, Pins and Ring, 251058 R91 | TDRM 15001 up | 1 |
| 251057 R11 | 8 | Piston with Pin, 26915 D and 2 Retainer Rings, 26916 D | TDRM 15001 up | 1 |
| 251058 R91 | 8 | Piston, 251057 R11 with 3 Rings, 31458 D, 2 Rings 42219 DA | | |
| | | and 1 Ring 42694 D | TDRM 15001 up | 1 |
| 42695 DB | 9 | Cylinder Sleeve, 3202 DDRXA with Piston, Complete, 5957 DBY | | |
| | | (Aluminum Piston) | TDRM 501 to 15000 | 6 |
| 42696 DB | 9 | Set of Six Cylinder Sleeves with Pistons, 42695 DB | | |
| | | (Aluminum Piston) (Will Work for 9323 DAY, 64440 DA, 64441 DA, | | |
| | | 64444 D and 64445 D) | TDRM 501 to 15000 | 1 |
| 64440 DA | 9 | Cylinder Sleeve, 3202 DDRXA with Piston, Complete, 9323 DAY | | |
| | | (Grey Iron Piston) (Order 42696 DB) | TDRM 501 to 15000 | 6 |
| 64441 DA | 9 | Set of Six Cylinder Sleeves with Pistons, 64440 DA | | |
| | | (Grey Iron Piston) (Order 42696 DB) | TDRM 501 to 15000 | 1 |
| 251053 R91 | 9 | Cylinder Sleeve with Packing Ring, 4222 D and Piston Complete, | | |
| | | 251058 R91 (Order 258836 R91) | TDRM 15001 up | 6 |
| 251338 R91 | 9 | Set of Six Cylinder Sleeves with Pistons | TDRM 15001 up | 1 |
| 258836 R91 | 9 | Cylinder Sleeve with Packing Ring, 4222 D and Piston Complete | | |
| | | (Will Work for 251053 R91) | TDRM 15001 up | 6 |
| 25056 D | 10 | Connecting Rod Bushing (Order 32942 D) | | 6 |
| 32942 D | 10 | Connecting Rod Bushing (Will Work for 25056 D) | | 6 |
| 42687 DAX | 11 | Connecting Rod with Bushing, 25056 D and 4 Bolts, 28737 DX | | |
| | | (Order 254926 R91) | | 6 |
| 254924 R11 | 11 | Connecting Rod, Cap and Bushing, Complete | | 6 |
| 28737 DX | 12 | Connecting Rod Bolt with Nut, 28738 D and | | |
| | | Cotter Pin, 3/32 x 1" | | 24 |
| 42688 DAX | 13 | Connecting Rod Bearing (2 Halves) (Standard) | | 6 |
| 42690 DAX | 13 | Connecting Rod Bearing (2 Halves) (.030" Undersize) | | 6 |
| 64368 DX | 13 | Connecting Rod Bearing (2 Halves) (.003" Undersize) | | 6 |
| 28738 D | 14 | Connecting Rod Bolt Nut | | 24 |
| 42687 DAY | 15 | Connecting Rod, Complete, with Bearing, 42688 DAX (Order 254926 R91) | | 6 |
| 254926 R91 | 15 | Set of Six Connecting Rod, Cap and Bushing, 254924 R11 | | |
| | | (Will Work for 42687 DAX and 42687 DAY) | | 1 |
| 24943 DA | 16 | Flywheel Bolt Lock | | 3 |
| 5958 DBX | 17 | Flywheel with Ring Gear, 31208 H | | 1 |
| | | Cork No. 5 Standard, 1/2" x 11/16" - For Balancing Holes | | |
| | | (Order Cork No. 6 Standard 2X Grade, 9/16 x 3/4 x 15/16" long) | | |
| 31208 H | 18 | Flywheel Ring Gear, 158 Teeth | | 1 |
| | | Cork No. 5 Standard, 1/2 x 11/16" - For Balancing Holes | | |
| | | (Order Cork No. 6 Standard 2X Grade, 9/16 x 3/4 x 15/16" Long) | | x |
| 32288 DBX | 19 | Crankshaft with Nut, 5421 D (Standard) | | 1 |
| 32305 DBX | 19 | Crankshaft with Nut, 5421 D (.030" Undersize) | | 1 |

X - As Required

# DIESEL ENGINE

| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D |
|---|---|---|---|---|
| | | **CRANKSHAFT AND RELATED PARTS, CONNECTING RODS, PISTONS, SLEEVES, DRIVE PULLEY, VIBRATION DAMPER AND STARTING CRANK—Continued** | | |
| 32621 DA | 20 | CRANKSHAFT BEARING CAP STUD | TDRM 501 TO 566 | 16 |
| | | COTTER PIN, 1/8 x 1-3/8" | | 16 |
| 43113 D | 20 | CRANKSHAFT BEARING CAP STUD | TDRM 567 TO 18251 | 16 |
| | | COTTER PIN, 1/8 x 1-3/8" | | 16 |
| 256833 R1 | 20 | CRANKSHAFT BEARING CAP STUD | TDRM 18252 UP | 16 |
| | | COTTER PIN, 1/8 x 1-3/8" | | 1 |
| | | | | |
| 25134 DB | 21 | CRANKSHAFT GEAR, 27 TEETH | | 1 |
| | | | | |
| 117994 | 22 | FAN DRIVE PULLEY KEY (WOODRUFF 23) | TDRM 15001 UP | 1 |
| 47487 D | 22 | FAN DRIVE PULLEY KEY (WOODRUFF 23) (WILL WORK FOR PO 9696) | TDRM 501 TO 15000 | 1 |
| PO 9696 | 22 | FAN DRIVE PULLEY KEY (WOODRUFF 23)(NOT FRONT POWER TAKE-OFF) (ORDER 47487 D) | | 1 |
| 5420 DX | 23 | FAN DRIVE PULLEY WITH 2 DOWELS, 10639 D (ORDER 6517 DAX) | TDRM 501 TO 12034 | |
| 6517 DAX | 23 | FAN DRIVE PULLEY WITH 2 PULLEY PINS, 47490 D | | |
| | | (WILL WORK FOR 5420 DX) | TDRM 12035 UP | 2 |
| | | | | |
| 36794 D | 24 | VIBRATION DAMPER | | 1 |
| 36795 DA | 25 | VIBRATION DAMPER SCREW LOCK | | 3 |
| | | CAP SCREW, 3/8 x 3/4" N.C. HEX. HEAD | | 6 |
| | | | | |
| | | | | |
| 18767 D | 26 | CRANKSHAFT STARTING NUT LOCKWASHER (SHAKEPROOF ) | | 1 |
| 5421 D | 27 | CRANKSHAFT STARTING NUT, 1-3/4" | | |
| | | (NOT FRONT POWER TAKE-OFF) | | 1 |
| | | | | |
| 40875 DAXA | 28 | STARTING CRANK, COMPLETE | | 1 |
| 30624 D | 29 | STARTING CRANK RATCHET PIN | | 1 |
| | | | | |
| 32333 D | 30 | FLYWHEEL BOLT | | 6 |
| 250755 R1 | 30 | FLYWHEEL BOLT (WILL WORK 43054 D) | | 6 |
| 43054 D | 30 | FLYWHEEL BOLT (⊛POWER SCRAPER MODIFICATION GALION 24 AND | | |
| | | SCRAPER MODIFICATION EUCLID 1) (ORDER 250755 R1) | | 6 |
| 32332 D | 31 | FLYWHEEL DOWEL PIN | | 2 |
| 43055 D | 31 | FLYWHEEL DOWEL PIN (⊛POWER SCRAPER MODIFICATION GALION 24 AND | | |
| | | SCRAPER MODIFICATION EUCLID 1) | | 2 |
| | | | | |
| | | | | |
| 32294 DCX | 32 | CRANKSHAFT REAR BEARING (2 HALVES) (STANDARD) (ORDER 256901 R91) | TDRM 501 TO 566 | 1 |
| 32304 DCX | 32 | CRANKSHAFT REAR BEARING (2 HALVES) (.030" UNDERSIZE) | | |
| | | (ORDER 256913 R91) | TDRM 501 TO 566 | 1 |
| 47759 DX | 32 | CRANKSHAFT REAR BEARING (2 HALVES) (STANDARD) (ORDER 256901 R91) | TDRM 567 TO 17374 | 1 |
| 47763 DX | 32 | CRANKSHAFT REAR BEARING (2 HALVES) (.030" UNDERSIZE) | | |
| | | (ORDER 256913 R91) | TDRM 567 TO 17374 | 1 |
| 64370 DX | 32 | CRANKSHAFT BEARING, REAR (2 HALVES) (.003" UNDERSIZE) | | |
| | | (ORDER 256905 R91) | TDRM 567 TO 17374 | 1 |
| 256901 R91 | 32 | CRANKSHAFT REAR BEARING (2 HALVES) (STANDARD) (WILL WORK FOR | | |
| | | 32294 DCX, 47759 DX AND 256874 R1) | TDRM 17375 UP | 1 |
| 256905 R91 | 32 | CRANKSHAFT REAR BEARING (2 HALVES) (.003 UNDERSIZE) | | |
| | | (WILL WORK FOR 64370 DX AND 256878 R1) | TDRM 17375 UP | 1 |
| 256913 R91 | 32 | CRANKSHAFT REAR BEARING (2 HALVES) (.030 UNDERSIZE) | | |
| | | (WILL WORK FOR 32304 DCX, 47763 DX AND 256886 R1) | TDRM 17375 UP | 1 |
| | | | | |
| 47759 D | 32A | CRANKSHAFT REAR BEARING, UPPER (STANDARD) (ORDER 256901 R91) | TDRM 17375 UP | 1 |
| 47763 D | 32A | CRANKSHAFT REAR BEARING, UPPER (.030 UNDERSIZE) | | |
| | | (ORDER 256913 R91) | TDRM 17375 UP | 1 |
| 64370 D | 32A | CRANKSHAFT REAR BEARING, UPPER (.003 UNDERSIZE) | | |
| | | (ORDER 256905 R91) | TDRM 17375 UP | 1 |

⊛ - FOR TABULATION OF MODIFICATION SEE INTRODUCTION PAGE

## CRANKSHAFT AND RELATED PARTS, CONNECTING RODS, PISTONS, SLEEVES, DRIVE PULLEY, VIBRATION DAMPER AND STARTING CRANK —Continued

| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D |
|---|---|---|---|---|
| 256874 R1 | 32B | Crankshaft Rear Bearing, Lower (Standard) (Order 256901 R91) | TDRM 17375 up | 1 |
| 256878 R1 | 32B | Crankshaft Rear Bearing, Lower (.003 Undersize) | | |
| | | (Order 256905 R91) | TDRM 17375 up | 1 |
| 256886 R1 | 32B | Crankshaft Rear Bearing, Lower (.030 Undersize) | | |
| | | (Order 256913 R91) | TDRM 17375 up | 1 |
| 32292 DBX | 33 | Crankshaft Intermediate Bearing (2 Halves) (Standard) | | |
| | | (Order 256900 R91) | TDRM 501 to 566 | 4 |
| 32302 DBX | 33 | Crankshaft Intermediate Bearing (2 Halves)(.030" Undersize) | | |
| | | (Order 256912 R91) | TDRM 501 to 566 | 4 |
| 47757 DX | 33 | Crankshaft Intermediate Bearing (2 Halves) (Standard) | | |
| | | (Order 256900 R91) | TDRM 567 to 17374 | 4 |
| 47761 DX | 33 | Crankshaft Intermediate Bearing (2 Halves) | | |
| | | (.030" Undersize) (Order 256912 R91) | TDRM 567 to 17374 | 4 |
| 64372 DX | 33 | Crankshaft Bearing, Intermediate (2 Halves)(.003" Undersize) | | |
| | | (Order 256904 R91) | TDRM 567 to 17374 | 4 |
| 256900 R91 | 33 | Crankshaft Intermediate Bearing (2 Halves) (Standard) | | |
| | | (Will Work for 32292 DBX, 47757 DX and 256875 R1) | TDRM 17375 up | 1 |
| 256875 R1 | 33 | Crankshaft Intermediate Bearing, Lower (Standard) | | |
| | | (Order 256900 R91) | TDRM 17375 up | 1 |
| 256912 R91 | 33 | Crankshaft Intermediate Bearing (2 Halves) (.030 Undersize) | | |
| | | (Will Work for 32302 DBX, 47 61 DX) | TDRM 17375 up | 1 |
| 256887 R1 | 33 | Crankshaft Intermediate Bearing, Lower (.030 Undersize) | | |
| | | (Order 256912 R91) | TDRM 17375 up | 1 |
| 256904 R91 | 33 | Crankshaft Intermediate Bearing (2 Halves) (.003 Undersize) | | |
| | | (Will Work for 64372 and 256879 R1) | TDRM 17375 up | 1 |
| 256879 R1 | 33 | Crankshaft Intermediate Bearing, Lower (.003 Undersize) | | |
| | | (Order 256904 R91) | TDRM 17375 up | 1 |
| 47757 D | 33A | Crankshaft Intermediate Bearing, Upper (Standard) | | |
| | | (Order 256900 R91) | TDRM 17375 up | 1 |
| 47761 D | 33A | Crankshaft Intermediate Bearing, Upper (.030 Undersize) | | |
| | | (Order 256912 R91) | TDRM 17375 up | 1 |
| 64372 D | 33A | Crankshaft Intermediate Bearing, Upper (.003 Undersize) | | |
| | | (Order 256904 R91) | TDRM 17375 up | 1 |
| 32293 DCX | 34 | Crankshaft Center Bearing (2 Halves) (Standard) | | |
| | | (Order 252966 R91) | TDRM 501 to 566 | 1 |
| 32303 DCX | 34 | Crankshaft Center Bearing (2 Halves)(.030" Undersize) | | |
| | | (Order 252967 R91) | TDRM 501 to 566 | 1 |
| 47758 DAX | 34 | Crankshaft Center Bearing (2 Halves) (Standard) | | |
| | | (Order 252968 R91) | TDRM 567 to 3827 | 1 |
| 47762 DAX | 34 | Crankshaft Center Bearing (2 Halves)(.030" Undersize) | | |
| | | (Order 252969 R91) | TDRM 567 to 3827 | 1 |
| 64378 DX | 34 | Crankshaft Bearing, Center (2 Halves)(.003" Undersize) | TDRM 567 to 3827 | 1 |
| 252966 R91 | 34 | Crankshaft Center Bearing with 2 Dowels, 63282 D (2 Halves) | | |
| | | (Standard) (Will Work for 32293 DCX) | TDRM 501 to 566 | 1 |
| 252967 R91 | 34 | Crankshaft Center Bearing with 2 Dowels, 63282 D (2 Halves) | | |
| | | (.030" Undersize) (Will Work for 32303 DCX) | TDRM 501 to 566 | 1 |
| 252968 R91 | 34 | Crankshaft Center Bearing with 2 Dowels, 63282 D (2 Halves) | | |
| | | (Standard) (Will Work for 47758 DAX) | TDRM 567 to 3827 | 1 |
| 252969 R91 | 34 | Crankshaft Center Bearing with 2 Dowels, 63282 D (2 Halves) | | |
| | | (.030" Undersize) (Will Work for 47762 DAX) | TDRM 567 to 3827 | 1 |

| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D | |
|---|---|---|---|---|---|

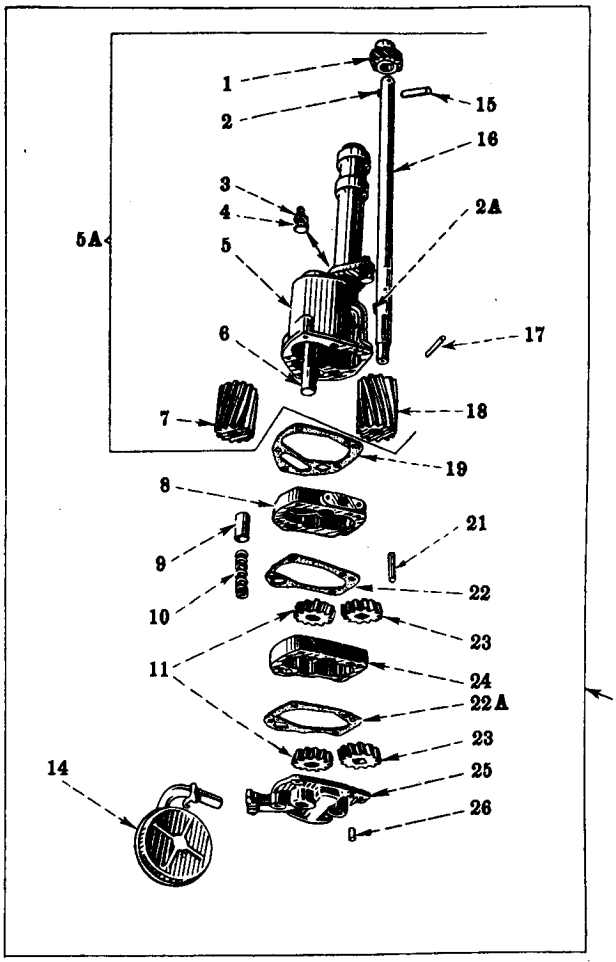
**CRANKSHAFT AND RELATED PARTS, CONNECTING RODS, PISTONS, SLEEVES, DRIVE PULLEY, VIBRATION DAMPER AND STARTING CRANK —Continued**

| | | | | | |
|---|---|---|---|---|---|
| 63330 D | 34A | Crankshaft Center Bearing Thrust Washers | | | |
| | | (Order 256899 R91, 256911 R91 or 256903 R91) | | 4 | |
| | | | | | |
| 63327 DBX | 34B | Crankshaft Center Bearing (Standard) | | | |
| | | (2 Halves with Thrust Washer) (Order 256899 R91) | TDRM 3828 to 17374 | 1 | |
| 63328 DBX | 34B | Crankshaft Center Bearing (.030" Undersize) | | | |
| | | (2 Halves with Thrust Washer) (Order 256911 R91) | TDRM 3828 to 17374 | 1 | |
| 64371 DBX | 34B | Crankshaft Bearing, Center (2 Halves)(.003" Undersize) | | | |
| | | (With Thrust Washers) (Order 256903 R91) | TDRM 3828 to 17374 | 1 | |
| 256899 R91 | 34B | Crankshaft Center Bearing (2 Halves) with Thrust Washers) | | | |
| | | (Standard) (Will Work for 63327 DB, 63327 DBX, 63380 DA and | | | |
| | | 256878 R1 | TDRM 17375 up | 1 | |
| 256903 R91 | 34B | Crankshaft Center Bearing (2 Halves with Thrust Washers) | | | |
| | | (.003 Undersize) (Will Work for 63330 DA, 64371 DB, 64371 DBX | | | |
| | | and 256880 R1) | TDRM 17375 up | 1 | |
| 256911 R91 | 34B | Crankshaft Center Bearing (2 Halves with Thrust Washers) | | | |
| | | (.030 Undersize) (Will Work for 63328 DB, 63328 DBX, 63330 DA | | | |
| | | and 256888 R1) | TDRM 17375 up | 1 | |
| | | | | | |
| 63327 DB | 34C | Crankshaft Center Bearing, Upper (Standard) | | | |
| | | (Order 256899 R91) | TDRM 17375 up | 1 | |
| 63328 DB | 34C | Crankshaft Center Bearing, Upper (.030 Undersize) | | | |
| | | (Order 256911 R91) | TDRM 17375 up | 1 | |
| 64371 DB | 34C | Crankshaft Center Bearings, Upper (.003 Undersize) | | | |
| | | (Order 256903 R91) | TDRM 17375 up | 1 | |
| 256880 R1 | 34C | Crankshaft Center Bearing, Lower (.003 Undersize) | | | |
| | | (Order 256903 R91) | TDRM 17375 up | 1 | |
| | | | | | |
| 256876 R1 | 34D | Crankshaft Center Bearing, Lower (Standard) | | | |
| | | (Order 256899 R91) | TDRM 17375 up | 1 | |
| 256888 R1 | 34D | Crankshaft Center Bearing, Lower (.030 Undersize) | | | |
| | | (Order 256911 R91) | TDRM 17375 up | 1 | |
| | | | | | |
| | | | | | |
| 32291 DBX | 35 | Crankshaft Front Bearing (2 Halves) (Standard) | | | |
| | | (Order 256898 R91) | TDRM 501 to 566 | 1 | |
| 32301 DBX | 35 | Crankshaft Front Bearing (2 Halves)(.030" Undersize) | | | |
| | | (Order 256910 R91) | TDRM 501 to 566 | 1 | |
| 47756 DX | 35 | Crankshaft Front Bearing (2 Halves)(Standard) | | | |
| | | (Order 256898 R91) | TDRM 567 to 17374 | 1 | |
| 47760 DX | 35 | Crankshaft Front Bearing (2 Halves)(.030" Undersize) | | | |
| | | (Order 256910 R91) | TDRM 567 to 17374 | 1 | |
| 64369 DX | 35 | Crankshaft Bearing, Front (2 Halves)(.003" Undersize) | | | |
| | | (Order 256902 R91) | TDRM 567 to 17374 | 1 | |
| 256873 R1 | 35 | Crankshaft Front Bearing, Lower (Standard) | | | |
| | | (Order 256898 R91) | TDRM 17375 up | 1 | |
| 256877 R1 | 35 | Crankshaft Front Bearing, Lower (.003 Undersize) | | | |
| | | (Order 256902 R91) | TDRM 17375 up | 1 | |
| 256885 R1 | 35 | Crankshaft Front Bearing, Lower (.030 Undersize) | | | |
| | | (Order 256910 R91) | TDRM 17375 up | 1 | |
| 256898 R91 | 35 | Crankshaft Front Bearing (2 Halves) (Standard) | | | |
| | | (Will Work for 32291 DX, 47756 DX and 256873 R1) | TDRM 17375 Up | 1 | |
| 256902 R91 | 35 | Crankshaft Front Bearing (2 Halves) (.003 Undersize) | | | |
| | | (Will Work for 64369 DX and 256877 R1) | TDRM 17375 up | 1 | |
| 256910 R91 | 35 | Crankshaft Front Bearing (2 Halves) (.030 Undersize) | | | |
| | | (Will Work for 32301 DBX, 47760 DX and 256885 R1) | TDRM 17375 up | 1 | |

| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D |
|---|---|---|---|---|
| **CRANKSHAFT AND RELATED PARTS, CONNECTING RODS, PISTONS, SLEEVES, DRIVE PULLEY, VIBRATION DAMPER AND STARTING CRANK —Continued** | | | | |
| 47756 D | 35A | Crankshaft Front Bearing, Upper (Standard) | | |
| | | (Order 256898 R91) | TDRM 17375 up | 1 |
| 47760 D | 35A | Crankshaft Front Bearing, Upper (.030 Undersize) | | |
| | | (Order 256910 R91) | TDRM 17375 up | 1 |
| 64369 D | 35A | Crankshaft Front Bearing, Upper (.003 Undersize) | | |
| | | (Order 256902 R91) | TDRM 17375 up | 1 |
| 39422 D | 36 | Crankshaft Bearing Cap Stud Nut Washer | | 16 |
| 10639 D | 36A | Vibration Damper Dowel (Not Front Power Take-Off) | TDRM 501 to 12034 | 2 |
| 47490 D | 36A | Vibration Damper Dowel (Not Front Power Take-Off) | TDRM 12035 up | 2 |
| 39423 D | 37 | Crankshaft Bearing Cap Stud Nut, 3/4" N.F. | | 16 |
| | | Cotter Pin, 1/8 x 1-3/8" | | 16 |
| 32331 D | 38 | Flywheel Grease Hole Pin (⊛ Power Scraper Modification Galion 24 and Scraper Modification Euclid 1) | | 1 |
| Q 3657 | 39 | Clutch Pilot Bearing Lubricator (⊛ Power Scraper Modification Galion 24 and Scraper Modification Euclid 1) | | 1 |
| 63282 D | | Crankshaft Center Bearing Dowel (Order 250914 R1) | | 2 |
| 250914 R1 | | Crankshaft Center Bearing Dowel (Will Work for 63282 D) | | 2 |
| 250952 R92 | | Replacement Piston Ring Kit | TDRM 15001 up | 1 |
| 254264 R92 | | Set of Crankshaft Bearings, (.030" Undersize) Complete | | 1 |
| 254287 R92 | | Field Package - (.030" Undersize) Crankshaft and Set of Crankshaft Bearings, 254264 R91 | | 1 |
| 256845 R1 | | Crankshaft Bearing Cap - Intermediate (See Note) | | 4 |
| 256846 R1 | | Crankshaft Bearing Cap - Rear (See Note) | | 1 |
| 256847 R1 | | Crankshaft Bearing Cap - Front (See Note) | | 1 |
| 256848 R1 | | Crankshaft Bearing Cap - Center (See Note) | | 1 |
| 258220 R91 | | Fan Drive Pulley and Vibration Damper (Order 258274 R91) | | 1 |
| 258274 R91 | | Fan Drive Pulley and Vibration Damper (Will Work for 258220 R91) | | 1 |
| PO 9696 | | Crankshaft Gear Key (Woodruff 23) | TDRM 501 to 20000 | 1 |
| 117994 | | Crankshaft Gear Key | | 1 |

NOTE - Orders Should be Placed with the Service Section, International Harvester Company, Melrose Park, Illinois. Orders Should be Marked "Machining Facilities are Available."

⊛ - For Tabulation of Modification See Introduction Page




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*Unnumbered parts in the illustrations are the same as corresponding parts shown with numbers.*

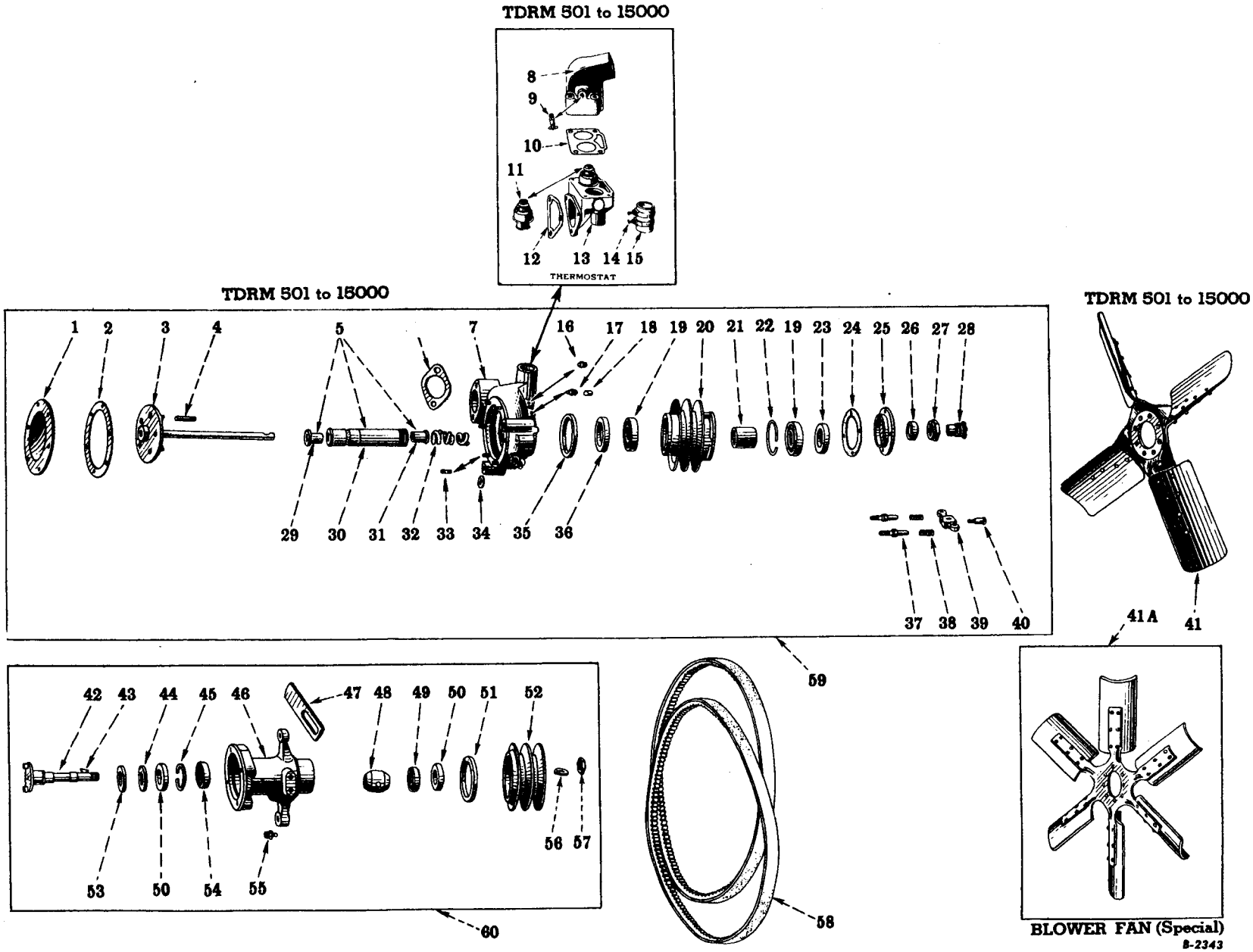
## CRANKCASE OIL PAN AND LUBRICATING OIL PUMP

| | | | | |
|---|---|---|---|---|
| 46054 DB | 1 | Lubricating Oil Pump Drive Pinion, 14 Teeth (Order 257633 R91) TDRM 501 to 18443 | 1 | |
| 46054 DC | 1 | Lubricating Oil Pump Drive Pinion, 14 Teeth TDRM 18444 up | 1 | |
| 13021 D | 2 | Lubricating Oil Pump Drive Pinion Key (Woodruff 6) | 1 | |
| 13021 D | 2A | Lubricating Oil Pump Body Gear Key (Woodruff 6) | 1 | |
| | 3 | Follows Reference No. 4 | | |
| 10961 D | 4 | Lubricating Oil Pump Body Cap Screw | 2 | |
| | 3 | Lockwasher, 1/2" | 2 | |

| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D |
|---|---|---|---|---|
| | | **CRANKCASE OIL PAN AND LUBRICATING OIL PUMP—Continued** | | |
| 5981 DXA | 5 | Lubricating Oil Pump Body with Idler Gear Shaft, 42786 D | | |
| | | and 1 - Pipe Plug, 3/4" Countersunk Head | TDRM 501 to 15000 | 1 |
| 251417 R91 | 5A | Lubricating Oil Pump Body, Complete | TDRM 15001 up | |
| 42786 DA | 6 | Lubricating Oil Pump Idler Gear Shaft | | 1 |
| 42785 D | 7 | Lubricating Oil Pump Idler Gear, 12 Teeth | | |
| | | (Order 50445 D) | TDRM 501 to 723 | 1 |
| 50336 DA | 7 | Lubricating Oil Pump Idler Gear, 12 Teeth | TDRM 724 up | 1 |
| 5982 DX | 8 | Lubricating Oil Pump Auxiliary Gear Upper Housing | | |
| | | (Order 5982 DAY) | TDRM 501 to 545 | 1 |
| 5982 DAX | 8 | Lubricating Oil Pump Auxiliary Gear Upper Housing with | | |
| | | Dowel Pin, 46053 D | TDRM 546 up | 1 |
| | | Cap Screw, 3/8 x 1-3/4" N.C. Hex. Head | | 1 |
| | | Lockwasher, 3/8" | | 1 |
| 5982 DAY | 8 | Lubricating Oil Pump Auxiliary Gear Upper Housing, | | |
| | | 5982 DAX with Valve, 45285 DA and Spring, 48695 D | | |
| | | (Will Work for 5982 DX) | TDRM 501 to 545 | 1 |
| 258417 R2 | 9 | Oil Pressure Regulating Valve (Will Work for 45285 D) | TDRM 19732 up | 1 |
| 41785 DA | 9 | Oil Pressure Regulating Valve (Order 5982 DAY) | TDRM 501 to 545 | 1 |
| 45285 DA | 9 | Oil Pressure Regulating Valve (Order 258417 R2) | TDRM 546 to 19731 | 1 |
| 36742 D | 10 | Oil Pressure Regulating Valve Spring (Order 5982 DAY) | TDRM 501 to 509 | 1 |
| 45286 D | 10 | Oil Pressure Regulating Valve Spring (Order 255684 R1) | TDRM 546 to 555 | 1 |
| 47765 D | 10 | Oil Pressure Regulating Valve Spring (Order 5892 DAY) | TDRM 510 to 545 | 1 |
| 48695 D | 10 | Oil Pressure Regulating Valve Spring (Order 255684 R1) | TDRM 556 up | 1 |
| 255684 R1 | 10 | Oil Pressure Regulating Valve Spring (Will Work for 45286 D | | |
| | | and 48695 D) (Order 259525 R1) | TDRM 546 to 19731 | 1 |
| 259525 R1 | 10 | Oil Pressure Regulating Valve Spring (Will Work for 45286 D, | | |
| | | 486950 and 255684 R1) | TDRM 19732 up | 1 |
| 42788 D | 11 | Lubricating Oil Pump Auxiliary Idler Gear, 12 Teeth | TDRM 501 to 811 | 2 |
| 51516 DA | 11 | Lubricating Oil Pump Auxiliary Idler Gear, 12 Teeth | TDRM 812 up | 2 |
| 42792 D | 12 | Lubricating Oil Return Pipe Elbow Gasket | | 2 |
| 43003 DX | 13 | Lubricating Oil Return Pipe, Front, Complete | | 1 |
| | | Cap Screw, 5/16 x 3/4" N.C. Hex. Head - Thru Flange | | 2 |
| | | Cap Screw, 3/8 x 3/4" N.C. Hex. Head - Thru Pipe Clip | | 1 |
| | | Lockwasher, 5/16" | | 2 |
| | | Lockwasher, 3/8" | | 1 |
| 42791 DA | 14 | Lubricating Oil Pump Float | | 1 |
| | | Cotter Pin, 1/8 x 1-1/2" | | 1 |
| 5312 T#3 | 15 | Lubricating Oil Pump Drive Pinion Pin | | 1 |
| 42783 DAX | 16 | Lubricating Oil Pump Drive Shaft with Pins, | | |
| | | 32319 D and 5312 T#3 (Order 255098 R11) | TDRM 501 to 18443 | 1 |
| 255098 R11 | 16 | Lubricating Oil Pump Drive Shaft | | |
| | | (Will Work for 42783 DAX) (Order 257633 R91) | TDRM 501 to 18443 | 1 |
| 255098 R22 | 16 | Lubricating Oil Pump Drive Shaft | TDRM 18444 up | 1 |
| 32319 D | 17 | Lubricating Oil Pump Body Gear Pin | | 1 |

## CRANKCASE OIL PAN AND LUBRICATING OIL PUMP—Continued

| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D |
|---|---|---|---|---|
| 42784 D | 18 | Lubricating Oil Pump Body Gear, 12 Teeth | | |
| | | (Order 50445 D) | TDRM 501 to 723 | 1 |
| 50335 DA | 18 | Lubricating Oil Pump Body Gear, 12 Teeth | TDRM 724 up | 1 |
| 42789 D | 19 | Lubricating Oil Pump Auxiliary Gear Upper Housing Gasket | | 1 |
| 43004 DX | 20 | Lubricating Oil Return Pipe, Rear, Complete | | 1 |
| | | Cap Screw, 5/16 x 3/4" N.C. Hex. Head - Thru Flange | | 2 |
| | | Cap Screw, 3/8 x 3/4" N.C. Hex. Head - Thru Pipe Clip | | 1 |
| | | Lockwasher, 5/16" | | 2 |
| | | Lockwasher, 3/8" | | 1 |
| 46053 D | 21 | Lubricating Oil Pump Auxiliary Gear Upper Housing Dowel Pin | | 1 |
| 42790 D | 22 | Lubricating Oil Pump Cover Gasket | | 1 |
| 42790 D | 22A | Lubricating Oil Pump Auxiliary Gear Lower Housing Gasket | | 1 |
| 42787 D | 23 | Lubricating Oil Pump Auxiliary Body Gear, 12 Teeth | TDRM 501 to 811 | 2 |
| 51515 DA | 23 | Lubricating Oil Pump Auxiliary Body Gear, 12 Teeth | TDRM 812 up | 2 |
| 5983 D | 24 | Lubricating Oil Pump Auxiliary Gear Lower Housing | | 1 |
| 5984 DX | 25 | Lubricating Oil Pump Cover with Dowel, 46052 D | | 1 |
| | | Cap Screw, 3/8 x 3" N.C. Hex. Head | | 3 |
| | | Cap Screw, 3/8 x 3-3/4" N.C. Hex. Head | | 1 |
| | | Lockwasher, 3/8" | | 4 |
| 46052 D | 26 | Lubricating Oil Pump Cover Dowel Pin | | 1 |
| 42715 D | 27 | Crankcase Oil Pan Gasket | | 1 |
| 5963 DAD | 28 | Crankcase Oil Pan | | 1 |
| | | Cap Screw, 3/8 x 1-1/4" N.C. Hex. Head | | 32 |
| | | Lockwasher, 3/8" | | 36 |
| | | Hex. Nut, 3/8" N.F. | | 4 |
| | | Pipe Plug, 1" Square Head | | 1 |
| | | Pipe Plug, 1" Countersunk | | 2 |
| 32517 DA | 29 | Crankcase Oil Pan Side Plate Gasket | TDRM 501 to 2300 | 1 |
| 42716 D | 30 | Crankcase Oil Pan Side Plate | TDRM 501 to 2300 | 1 |
| | | Cap Screw, 3/8 x 1" N.C. Hex. Head | | 8 |
| | | Lockwasher, 3/8" | | 8 |
| 42794 DA | 31 | Lubricating Oil Pump, Complete | | 1 |
| 50445 D | | Lubricating Oil Pump Body Gear, 50335 D with Idler Gear, 50336 D (Will Work for 42784 D and 42785 D) | TDRM 501 to 723 | 1 |
| 58960 D | | Crankcase Oil Pan Magnetic Drain Plug (Special) | | 1 |
| 64047 D | | Crankcase Oil Pan with Magnetic Drain Plug, 58690 D (Special) | | 1 |
| 68252 D | | Lubricating Oil Pump Body Capscrew Lockwire (3/32 x 10" Soft Iron Wire) (Use with 10961 D) | | 1 |
| 257633 R91 | | Lubricating Oil Pump Drive Shaft, 255098 R22 and Pinion, 46054 DC (Will Work for 46054 DB and 255098 R11) | TDRM 501 to 18443 | 1 |




**FAN, WATER PUMP, IDLER PULLEY AND THERMOSTAT**

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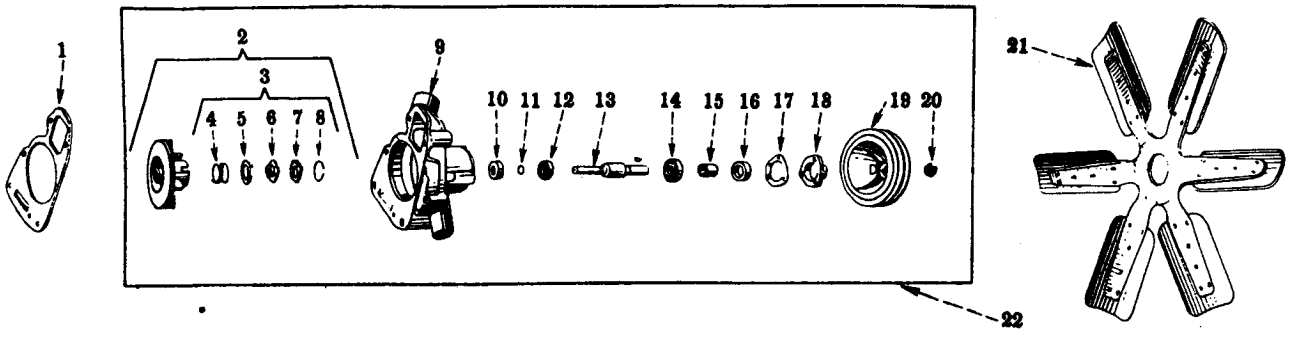
| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D |
|---|---|---|---|---|
| | | **FAN, WATER PUMP, IDLER PULLEY AND THERMOSTAT** **Engines TDRM 501 to 15000** | | |
| 32350 DA | 1 | Water Pump Body Cover | | 1 |
| 32351 DB | 2 | Water Pump Body Cover Gasket | | 1 |
| 5008 DCX | 3 | Water Pump Impeller with Shaft | | 1 |
| 43222 VA | 4 | Water Pump Impeller Pin | TDRM 501 to 2476 Not 2127 to 2249 | 1 |
| 32353 D | 5 | Water Pump Shaft Sleeve, with Bushings, 20303 D and 24017 D (Will Work for 32524 D) | | 1 |
| 30824 D | 6 | Water Pump Body Gasket (Order 251762 R1) | | 1 |
| 251762 R1 | 6 | Water Pump Body Gasket (Will Work for 30824 D) | | 1 |
| 5950 DAX | 7 | Water Pump Body with 6 Studs, 32352 D and 2 Pipe Plugs, 1/4 and 1-3/8" | | 1 |
| 5950 DX | 7 | Water Pump Body (Order 251764 R91) | TDRM 12032 up | 1 |
| 251764 R91 | 7 | Water Pump Body Complete (Will Work for 5950 DX) | TDRM 501 to 12031 | 1 |
| | | Cap Screw, 1/2 x 2-1/2" N.C. Hex. Head | TDRM 501 to 12031 | 1 |
| | | Cap Screw, 1/2 x 2-3/4" N.C. Hex. Head | | 1 |
| | | Cap Screw, 1/2 x 3-1/4" N.C. Hex. Head | | 1 |
| | | Cap Screw, 1/2 x 3-1/2" N.C. Hex. Head | | 1 |
| | | Lockwasher, 1/2" | | 1 |
| | | | | 4 |
| 5952 D | 8 | Thermostat Housing | | 1 |
| | | Cap Screw, 1/2 x 2-1/2" N.C. Hex. Head | | 4 |
| | | Lockwasher, 1/2" | | 4 |
| 9982 T | 9 | Thermostat Housing Vent Cock, 1/4" (201 E) | | 1 |
| 42655 D | 10 | Thermostat Housing Gasket | | 1 |
| 33814 D | 11 | Thermostat (165° - 190°) (37634 D Will Work) | | 2 |
| 35032 D | 11 | Thermostat (130°- 155°) (37632 D Will Work) (Used with Low Boiling Point Attachment, 250255 R1) | | 2 |
| 37632 D | 11 | Thermostat (130° - 155°) (35032 D Will Work) (Used with Low Boiling Point Attachment, 250255 R1) | | 2 |
| 37634 D | 11 | Thermostat (165° - 190°) (33814 D Will Work) | | 2 |
| 63782 D | 11 | Heat Indicator (130° - 160°) (⊛ Used with Low Boiling Point Attachment 250255 R1) | | 1 |
| 250255 R91 | 11 | Low Boiling Point Thermostat and Heat Indicator Attachment (Special) (Consisting of 2 Thermostat 35032 D or 37632 D and Heat Indicator 63782 D) | | 1 |
| 42654 D | 12 | Engine Water Outlet Gasket | | 1 |
| 5951 D | 13 | Engine Water Outlet | | 1 |
| | | Cap Screw, 1/2 x 1-1/2" N.C. Hex. Head | | 3 |
| | | Lockwasher, 1/2" | | 3 |
| 29979 D | 14 | Thermostat By-Pass Hose Clamp (Order 91406 HA) | | 2 |
| 91406 HA | 14 | Thermostat By-Pass Hose Clamp (Will Work for 29979 D) | | 2 |
| 42656 D | 15 | Thermostat By-Pass Hose | | 1 |
| 14186 DA | 16 | Water Pump Bearing Lubricator (Q 3615 Will Work) | | 1 |
| Q 3615 | 16 | Water Pump Bearing Lubricator, 1/8" (14186 DA Will Work) | | 1 |

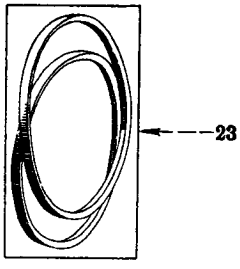
⊛ - For Tabulation of Modification see Introduction Page

| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D | |
|---|---|---|---|---|---|
| | | **FAN, WATER PUMP, IDLER PULLEY AND THERMOSTAT—Continued** **Engines TDRM 501 to 15000** | | | |
| 19175 CA | 17 | WATER PUMP SHAFT LUBRICATOR, 1/8" WITH CAP, 26033 D (ORDER QA 3628) | | 1 | |
| QA 3628 | 17 | WATER PUMP SHAFT LUBRICATOR (WILL WORK FOR 19175 CA) | | 1 | |
| 26033 D | 18 | WATER PUMP SHAFT LUBRICATOR CAP (ORDER Q 3659) | | 1 | |
| Q 3659 | 18 | WATER PUMP SHAFT LUBRICATOR CAP (WILL WORK FOR 26033 D) | | 1 | |
| 20308 D | 19 | WATER PUMP BALL BEARING (N.D. 3207)(ST 205 WILL WORK) | | 2 | |
| ST 205A | 19 | WATER PUMP BALL BEARING (WILL WORK FOR 20308 D) | | 1 | |
| 5010 DAX | 20 | FAN AND WATER PUMP PULLEY WITH OIL SEAL, 20290 D | | | |
| | | AND 2 STUDS, 34321 HA | | 1 | |
| 32356 D | 21 | WATER PUMP BEARING SPACER | | 1 | |
| 27654 D | 22 | WATER PUMP BEARING RETAINER RING | | 1 | |
| 20289 D | 23 | WATER PUMP OIL SEAL, FRONT | | 1 | |
| 32624 D | 24 | WATER PUMP BEARING RETAINER GASKET | | 1 | |
| 5009 DX | 25 | WATER PUMP BEARING RETAINER WITH OIL SEAL, 20289 D | | 1 | |
| 20293 D | 26 | WATER PUMP BEARING LOCK SLEEVE | | 1 | |
| 34315 H | 27 | WATER PUMP BEARING CLAMP NUT | | 1 | |
| 20296 D | 28 | WATER PUMP PACKING GLAND | | 1 | |
| 20303 D | 29 | WATER PUMP SHAFT THRUST BUSHING | | 1 | |
| 32354 D | 30 | WATER PUMP SHAFT SLEEVE (ORDER 32523 D) | | 1 | |
| 24017 D | 31 | WATER PUMP SHAFT BUSHING | | 1 | |
| 27644 D | 32 | WATER PUMP PACKING (ORDER 50790 D) | | 1 | |
| 50790 D | 32 | WATER PUMP PACKING (WILL WORK FOR 27644 D) | | 1 | |
| 32352 D | 33 | WATER PUMP BODY COVER STUD | | 6 | |
| | | HEX. NUT, 5/16". N.F. | | 6 | |
| | | LOCKWASHER, 5/16" | | 6 | |
| 32349 D | 34 | WATER PUMP BODY SPACER (ORDER 251763 R12) | | 2 | |
| 251763 R12 | 34 | WATER PUMP BODY SPACER (WILL WORK FOR 32349 D) | | 2 | |
| 20300 D | 35 | WATER PUMP FELT WASHER | | 1 | |
| 20290 D | 36 | WATER PUMP OIL SEAL, REAR | | 1 | |
| 34321 HA | 37 | WATER PUMP DRIVING STUD | | 2 | |
| | | LOCKWASHER, 3/8" | | 2 | |
| G 3792 | 38 | WATER PUMP DRIVE SPRING | | 2 | |
| 20585 D | 39 | WATER PUMP DRIVER | | 1 | |
| 20586 D | 40 | WATER PUMP DRIVER PIN | | 1 | |
| | | HEX. NUT, 5/16" N.F. | | 1 | |
| | | LOCKWASHER, 5/16" | | 1 | |
| 32357 D | 41 | SUCTION FAN, COMPLETE (24") | | 1 | |
| | | CAP SCREW, 3/8 x 1" N.C. HEX HEAD | | 2 | |
| | | LOCKWASHER, 3/8" | | 2 | |
| 59240 DX | 41A | BLOWER FAN, 24" (SPECIAL) WITH DECAL 1001170 R1 (INSTRUCTIONS DECAL) | | | |
| | | (ORDER 256350 R91) | | 1 | |
| 256350 R91 | 41A | BLOWER FAN, 59240 DX (SPECIAL) WITH DECAL 1001170 R1 | | | |
| | | (INSTRUCTION DECAL) AND INSTRUCTION PAMPHLET, 100458 R1 | | | |
| | | (WILL WORK FOR 59240 DX) | | 1 | |
| 6-5003 | 41A | BLOWER FAN ATTACHMENT (Ⓐ POWER SCRAPER MODIFICATION | | | |
| | | GALION 24) | | 1 | |

Ⓐ - FOR TABULATION OF MODIFICATION SEE INTRODUCTION PAGE

| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D |
|---|---|---|---|---|
| | | **FAN, WATER PUMP, IDLER PULLEY AND THERMOSTAT —Continued** | | |
| | | **Engines TDRM 501 to 15000** | | |
| 42938 D | 42 | Fan Belt Idler Shaft | | 1 |
| | 56 | Hex. Jam Nut, 5/8" N.F. | | 1 |
| | 57 | Lockwasher, 5/8" | | 1 |
| 13085 D | 43 | Fan Belt Idler Pulley Key (Woodruff No. 7) | | 1 |
| 42941 D | 44 | Fan Belt Idler Shaft Felt | | 1 |
| 42939 D | 45 | Fan Belt Idler Bearing Lock Ring | | 1 |
| 5987 DX | 46 | Fan Belt Idler Bracket with Oil Seal, 42940 D and | | |
| | | Pipe Plug, 1/8" | | 1 |
| | | Cap Screw, 1/2 x 4-1/2" N.F. Hex. Head | | 1 |
| | | Hex. Nut, 1/2" N.F. | | 1 |
| | | Lockwasher, 1/2" | | 1 |
| 32523 DA | 47 | Fan Belt Idler Brace | | 1 |
| | | Cap Screw, 3/8 x 1" N.C. Hex. Head | | 1 |
| | | Cap Screw, 3/8 x 1-1/4" N.F. Hex. Head | | 1 |
| | | Hex. Nut, 3/8" N.F. | | 1 |
| | | Lockwasher, 3/8" | | 2 |
| | | Washer, 3/4" O.D. x 13/32" I.D. x No. 16 Ga. (Q 1597) | | 1 |
| 5988 D | 48 | Fan Belt Idler Pulley Bearing Spacer | | 1 |
| 1266 C | 49 | Fan Belt Idler Ball Bearing, Front (ND 3203) (ST 262 Will Work) | | 1 |
| ST 262 | 49 | Fan Belt Idler Bearing, Front (IHC) (Will Work for 1266 C) | | 1 |
| 42940 D | 50 | Fan Belt Idler Oil Seal | | 2 |
| 42943 D | 51 | Fan Belt Idler Pulley Felt (Order W 16210) | | 1 |
| W16210 | 51 | Fan Belt Idler Pulley (Will Work for 47824 D) | | 1 |
| 5989 D | 52 | Fan Belt Idler Pulley | | 1 |
| 42942 D | 53 | Fan Belt Idler Shaft Felt Retainer | | 1 |
| ST 207 | 54 | Fan Belt Idler Bearing (IHC) (Will Work for 8522 T) | | 1 |
| 8522 T | 54 | Fan Belt Idler Ball Bearing, Rear (ND 3204) | | |
| | | (ST 207 Will Work) | | 1 |
| Q 3615 | 55 | Fan Belt Idler Lubricator, 1/8" | | 1 |
| | 56 | Follows Reference No. 42 | | |
| | 57 | Follows Reference No. 42 | | |
| 42937 D | 58 | Fan Belt | | 2 |
| 42937 DX | 58 | Fan Belt (Pair) (Order 251180 R21) | | 1 |
| 251180 R21 | 58 | Fan Belt (Pair) (Will Work for 42937 DX). | | 1 |
| 42686 DA | 59 | Water Pump, Complete | | 1 |
| 63007 D | 60 | Fan Belt Idler, Complete | | 1 |
| 47824 D | | Fan Belt Idler Bracket Cover | | |
| | | (For Tractors without Electric Starting or Lighting) | | 1 |
| | | Cap Screw, 3/8 x 1-3/4" N.F. Hex. Head | | 4 |
| | | Hex. Nut, 3/8" N.F. | | 4 |
| | | Lockwasher, 3/8" | | 4 |




B-3677A

*Reference numbers only are shown in illustration. Use I H C part numbers in ordering.*
*Unnumbered parts in the illustrations are the same as corresponding parts shown with numbers.*

## FAN, WATER PUMP AND IDLER PULLEY

**Engines TDRM 15001 up**

| | | | | | |
|---|---|---|---|---|---|
| 251133 R91 | 1 | Water Pump Body Gasket | TDRM 17093 up | 1 | |
| 251134 R11 | 2 | Water Pump Impeller with Oil Seal 144093 H, or Oil Seal, | | | |
| | | 251609 R91 | | 1 | |
| 144093 H | 3 | Water Pump Seal Complete (Will Work for 251609 R91) | | 1 | |
| 251609 R91 | 3 | Water Pump Seal Complete (Will Work for 144093 H) | | 1 | |
| 98047 H | 4 | Water Pump Seal Spring | | 1 | |
| 98048 H | 5 | Water Pump Seal Spring Guide (used with 144093 H) | | 1 | |
| 98049 H | 6 | Water Pump Flexible Seal (used with 144093 H) | | 1 | |
| 98051 H | 7 | Water Pump Seal Carbon Washer (used with 144093 H) | | 1 | |
| | | | | | |
| 98052 H | 8 | Water Pump Snap Wire Ring (used with 144093 H) | | 1 | |
| 251109 R11 | 9 | Water Pump Body, Complete (Order 258270 R91) | TDRM 15001 to 17092 | 1 | |
| 257208 R11 | 9 | Water Pump Body, Complete (Order 258270 R91) | TDRM 17093 up | 1 | |
| 257209 R91 | 10 | Water Pump Seal, Inner | TDRM 17093 up | 1 | |
| 19707 D | 10 | Water Pump Oil Seal, Inner | TDRM 15001 to 17092 | 1 | |
| 257211 R1 | 11 | Water Pump Bearing Inner Snap Ring | TDRM 17093 up | 1 | |
| 251135 R1 | 11 | Water Pump Bearing Spacer, Inner | | 1 | |
| 1266 C | 12 | Water Pump Bearing, Inner (ND 3203) (Will Work for ST 262) | | 1 | |
| ST 262 | 12 | Water Pump Bearing, Inner (1266 C Will Work) | | 1 | |
| | | | | | |
| 251136 R1 | 13 | Water Pump Shaft | TDRM 15001 to 17092 | 1 | |
| 257210 R91 | 13 | Water Pump Shaft | TDRM 17093 up | 1 | |
| ST 369 | 14 | Water Pump Bearing, Outer (ND 3203) (251147 R91 Will Work) | TDRM 15001 to 17092 | 1 | |
| 251147 R91 | 14 | Water Pump Bearing, Outer (IHC) (ST 369 Will Work) | TDRM 15001 to 17092 | 1 | |
| 56192 D | 14 | Water Pump Bearing, Outer (IHC) | TDRM 17093 up | 1 | |

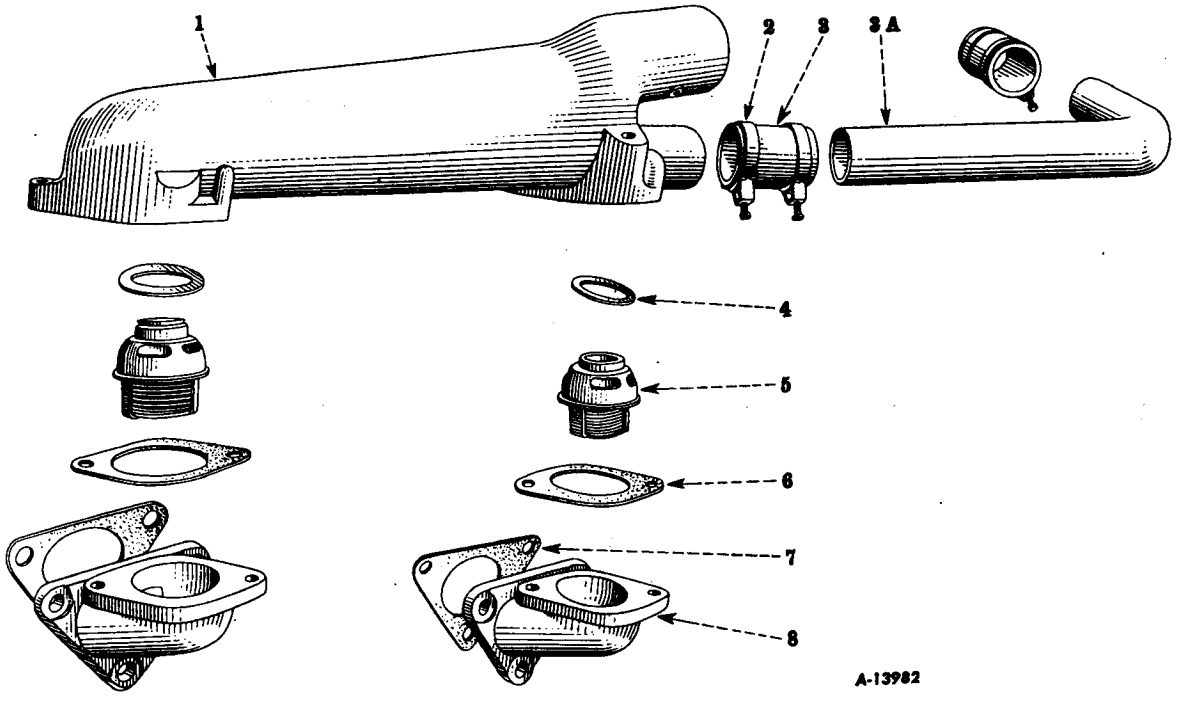
## FAN, WATER PUMP AND IDLER PULLEY—Continued

**Engines TDRM 15001 up**

| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D |
|---|---|---|---|---|
| 251146 R1 | 15 | Water Pump Spacer, Outer | TDRM 15001 to 17092 | 1 |
| 257212 R1 | 15 | Water Pump Bearing Spacer | TDRA 17093 | 1 |
| 48956 D | 16 | Water Pump Oil Seal, Outer | TDRM 15001 to 17092 | 1 |
| 257215 R91 | 16 | Water Pump Oil Seal, Outer | TDRM 17093 up | 1 |
| 257214 R1 | 17 | Water Pump Oil Seal Housing Gasket | TDRM 17093 up | 1 |
| 251148 R2 | 17 | Water Pump Oil Seal Housing Gasket | TDRM 15001 to 17092 | 1 |
| 251127 R11 | 18 | Water Pump Oil Seal Housing with Oil Seal, Outer 48956 D | TDRM 15001 to 17092 | 1 |
| 179817 | | Cap Screw, 5/16 x 7/8" N.C. Hex Head | | 3 |
| 103320 | | Lockwasher, 5/16" | | 3 |
| 257213 R11 | 18 | Water Pump Oil Seal Housing with Oil Seal, Outer 257215 R91 | TDRM 17093 up | 1 |
| 179817 | | Cap Screw, 5/16 x 7/8" N.C. Hex Head | | 3 |
| 103320 | | Lockwasher, 3/8" | | 3 |
| 257216 R1 | 19 | Water Pump Pulley | TDRM 17093 up | 1 |
| 257217 R1 | 20 | Water Pump Pulley Nut | TDRM 17093 up | 1 |
| 117213 | 20 | Nut, 1/2" N.F. | TDRM 15001 to 17092 | 1 |
| 251151 R2 | 21 | Water Pump Pulley | TDRM 15001 to 17092 | 1 |
| 254977 R91 | 21 | Suction Fan (24" Diameter) | | 1 |
| 179837 | | Cap Screw, 3/8 x 3/4" N.C. Hex Head | | 2 |
| 103321 | | Lockwasher, 3/8" | | 2 |
| 251101 R92 | 22 | Water Pump Complete (with Fan) (Order 258270 R91) | TDRM 15001 to 17092 | 1 |
| 251102 R91 | 22 | Water Pump Complete (less Fan) (Order 258270 R91) | TDRM 15001 to 17092 | 1 |
| 179841 | | Cap Screw, 3/8 x 1-1/4" N.C. Hex Head | | 1 |
| 179850 | | Cap Screw, 3/8 x 2-3/4" N.C. Hex Head | | 1 |
| 179894 | | Cap Screw, 1/2 x 3-1/4" N.C. Hex Head | | 3 |
| 186282 | | Cap Screw, 3/8 x 3-1/4" N.C. Hex Head | | 1 |
| 103028 | | Hex Nut, 1/2" N.F. | | 1 |
| 103321 | | Lockwasher, 3/8" | | 3 |
| 103323 | | Lockwasher, 1/2" | | 4 |
| 257206 R91 | 22 | Water Pump, Complete (Less Fan) (Order 258270 R91) | TDRM 17093 up | 1 |
| 257207 R91 | 22 | Water Pump Complete (With Fan) (Order 258270 R91) | TDRM 17093 up | 1 |
| 258270 R91 | 22 | Water Pump, Complete (Less Fan) (Will Work for 257206 R91, 257207 R91 and 257208 R91) | TDRM 17093 up | 1 |
| 251180 R11 | 23 | Fan Belt (Pair) | TDRM 15001 to 18732* | 1 |
| 258275 R11 | 23 | Fan Belt (Pair) | TDRM 18733 up ** | 1 |
| 50410 DA | | Water Pump Body Plug (Order 103865) | TDRM 15001 to 17092 | 3 |
| 98050 H | | Water Pump Seal Clamp Ring (used with 144093 H) | | 1 |
| 103685 | | Water Pump Body Plug (Will Work for 50410 DA) | TDRM 17093 up | 3 |
| 103873 | | Pipe Plug, 3/8" Countersunk | TDRM 15001 to 17092 | 1 |
| 137517 H | | Water Pump Seal Bellows (used with 251609 R91) | | 1 |
| 254281 R1 | | Blower Fan Adapter (Special) (use with Attachment 255009 R91) | | 1 |
| | | Cap Screw, 3/8 x 1" N.C. Hex Head | | 6 |
| | | Lockwasher, 3/8" | | 6 |
| 251133 R1 | | Water Pump Body Gasket | | 1 |
| 251283 R1 | | Water Pump Body Stud | | 1 |
| 255009 R92 | | Blower Fan Attachment with Fan 256355 R91 and Adapter 254281 R1 (Special) | | 1 |
| 256355 R91 | | Blower Fan (used with Attachment 255009 R92) (Special) | | 1 |
| | | Cap Screw, 3/8 x 1" N.C. Hex Head | | 6 |
| | | Lockwasher, 3/8" | | 6 |

* Not 18706, 18712, 18721 to 18731

** Also 18706, 18712, 18721 to 18731

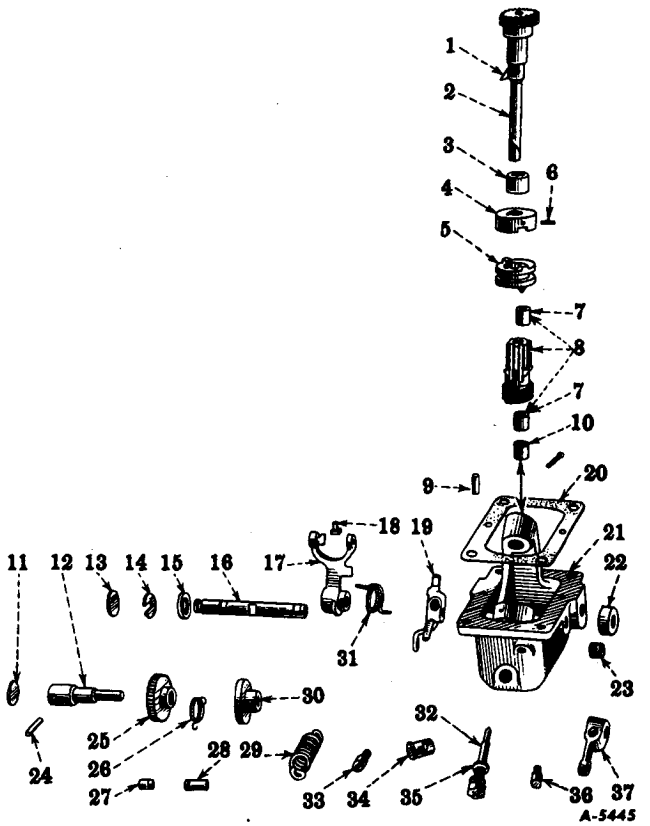



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## ENGINE WATER OUTLET HEADER, CONNECTING PARTS AND THERMOSTAT

**Engines TDRM 15001 Up**

| | | | |
|---|---|---|---|
| 251 140 R1 | 1 | Engine Water Outlet Header | 1 |
| 179 841 | | Cap Screw, 3/8 x 1-1/4" N.C. Hex Head | 4 |
| 103 321 | | Lockwasher, 3/8" | 4 |
| | | | |
| 91 406 HA | 2 | Engine Water Outlet Header By-Pass Pipe Hose Clamp | 4 |
| | | | |
| 15 435 D | 3 | Engine Water Outlet Header By-Pass Pipe Hose (1-3/4" I.D. x 2-1/2" Long, 3 Ply) | 2 |
| 251 171 R1 | 3A | Engine Water Outlet Header By-Pass Pipe | 1 |
| | | | |
| 254 753 R1 | 4 | Thermostat Seal | 2 |
| | | | |
| 250 670 R91 | 5 | Thermostat 165° to 190° (Standard) | 2 |
| 63 785 D | 5 | Heat Indicator (130° - 160°) (Used with Low Boiling Point | |
| | | Thermostat Attachment 256 013 R91) | 2 |
| 255 715 R91 | 5 | Thermostat (130° - 150°) (Used with Low Boiling Point | |
| | | Thermostat Attachment 256 013 R91) | 1 |
| 256 013 R91 | 5 | Low Boiling Point Thermostat and Heat Indicator Attachment | |
| | | (Special) (Consisting of 2 Thermostats 250 670 R91 and 255 715 R91 | |
| | | and Heat Indicator 63 785 D) | 1 |
| | | | |
| 251 170 R2 | 6 | Engine Water Outlet Header Gasket | 2 |
| 251 169 R2 | 7 | Engine Water Outlet Elbow Gasket | 2 |
| | | | |
| 251 168 R1 | 8 | Engine Water Outlet Elbow | 2 |
| 179 883 | | Cap Screw, 1/2 x 1-1/4" N.C. Hex Head | 6 |
| 103 323 | | Lockwasher, 3/8" | 6 |




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## AUTOMATIC TRIP MECHANISM

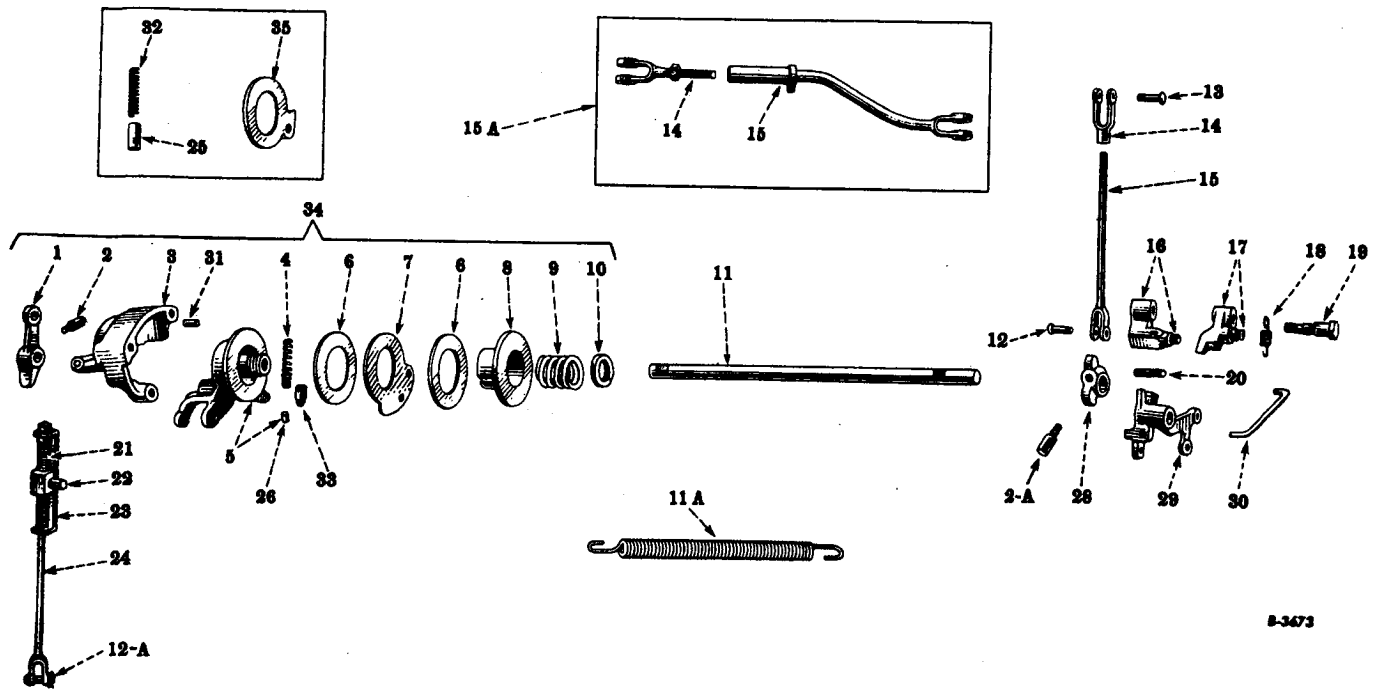
**Engines TDRM 501 to TDRM 1686**

| | | | | |
|---|---|---|---|---|
| 4167 T | 1 | Automatic Trip Drive Shaft Collar Key (Woodruff No. 3) | 1 | |
| 42734 D | 2 | Automatic Trip Drive Shaft, 20 Teeth | 1 | |
| 42722 D | 3 | Automatic Trip Drive Shaft Bushing, Upper | 1 | |
| 42724 D | 4 | Automatic Trip Drive Shaft Collar | 1 | |
| | | | | |
| | | | | |
| 47928 D | 5 | Automatic Trip Clutch | 1 | |
| 2058-3/4 T | 6 | Automatic Trip Drive Shaft Collar Pin | 1 | |
| 42723 D | 7 | Automatic Trip Clutch Spline Bushing | 2 | |
| 42726 DBX | 8 | Automatic Trip Clutch Spline with 2 Bushings, 42723 D | 1 | |
| 39482 D | 9 | Automatic Trip Housing Dowel | 2 | |
| 42723 D | 10 | Automatic Trip Drive Shaft Bushing, Lower | 1 | |
| | | | | |
| | | | | |
| 13090 D | 11 | Automatic Trip Disc Shaft Expansion Plug, 7/8" | 1 | |
| 42732 D | 12 | Automatic Trip Disc Shaft | 1 | |
| | | | | |
| | | | | |
| 23007 V | 13 | Automatic Trip Control Shaft Expansion Plug, 1" | 1 | |
| 42737 D | 14 | Automatic Trip Control Shaft Retainer | 1 | |
| 42736 D | 15 | Automatic Trip Control Shaft Spacer | 1 | |
| 42735 D | 16 | Automatic Trip Control Shaft | 1 | |
| | | | | |

## AUTOMATIC TRIP MECHANISM—Continued

**Engines TDRM 501 to TDRM 1686**

| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D |
|---|---|---|---|---|
| 42740 DA | 17 | Automatic Trip Clutch Yoke | | 1 |
| 42743 D | 18 | Automatic Trip Clutch Yoke Pin | | 2 |
| 48240 DA | 19 | Automatic Trip Clutch Lever | | 1 |
| 42733 D | 20 | Automatic Trip Housing Gasket, .032" | | 1 |
| 46998 D | 20 | Automatic Trip Housing Gasket, .015" | | X |
| 46999 D | 20 | Automatic Trip Housing Gasket, .046" | | X |
| 5966 DAX | 21 | Automatic Trip Housing, Complete | | 1 |
| 42746 D | 22 | Automatic Trip Control Shaft Oil Seal | | 1 |
| | 23 | Pipe Plug, 1/4" Slotted | | 1 |
| | | Cap Screw, 3/8 x 1" N.C. Hex. Head | | 4 |
| | | Lockwasher, 3/8" | | 4 |
| 43222 VA | 24 | Automatic Trip Disc Shaft Pin | | 1 |
| 42727 DX | 25 | Automatic Trip Disc Drive Worm Gear, 40 Teeth with Pin, 42728 D | | 1 |
| 42731 DA | 26 | Automatic Trip Disc Spring | | 1 |
| 42728 D | 27 | Automatic Trip Disc Drive Worm Gear Pin | | 1 |
| 42730 D | 28 | Automatic Trip Disc Pin | | 1 |
| 46710 DB | 29 | Automatic Trip Return Spring | | 1 |
| 42729 DX | 30 | Automatic Trip Disc with Pin, 42730 D | | 1 |
| 42741 DB | 31 | Automatic Trip Yoke Spring | | 1 |
| 47930 D | 32 | Automatic Trip Clutch Stop | | 1 |
| 42739 DA | 33 | Automatic Trip Clutch Lever Pin | | 1 |
| 48477 D | 34 | Automatic Trip Return Spring Pin | | 1 |
| 47931 D | 35 | Automatic Trip Clutch Stop Washer | | X |
| 42739 DA | 36 | Automatic Trip Control Lever Pin | | 1 |
| | | Hex. Nut, 1/4" N.F. | | 2 |
| | | Lockwasher, 1/4" | | 2 |
| 42745 DA | 37 | Automatic Trip Control Lever | | 1 |
| 49043 D | | Automatic Trip Mechanism, Complete | | 1 |




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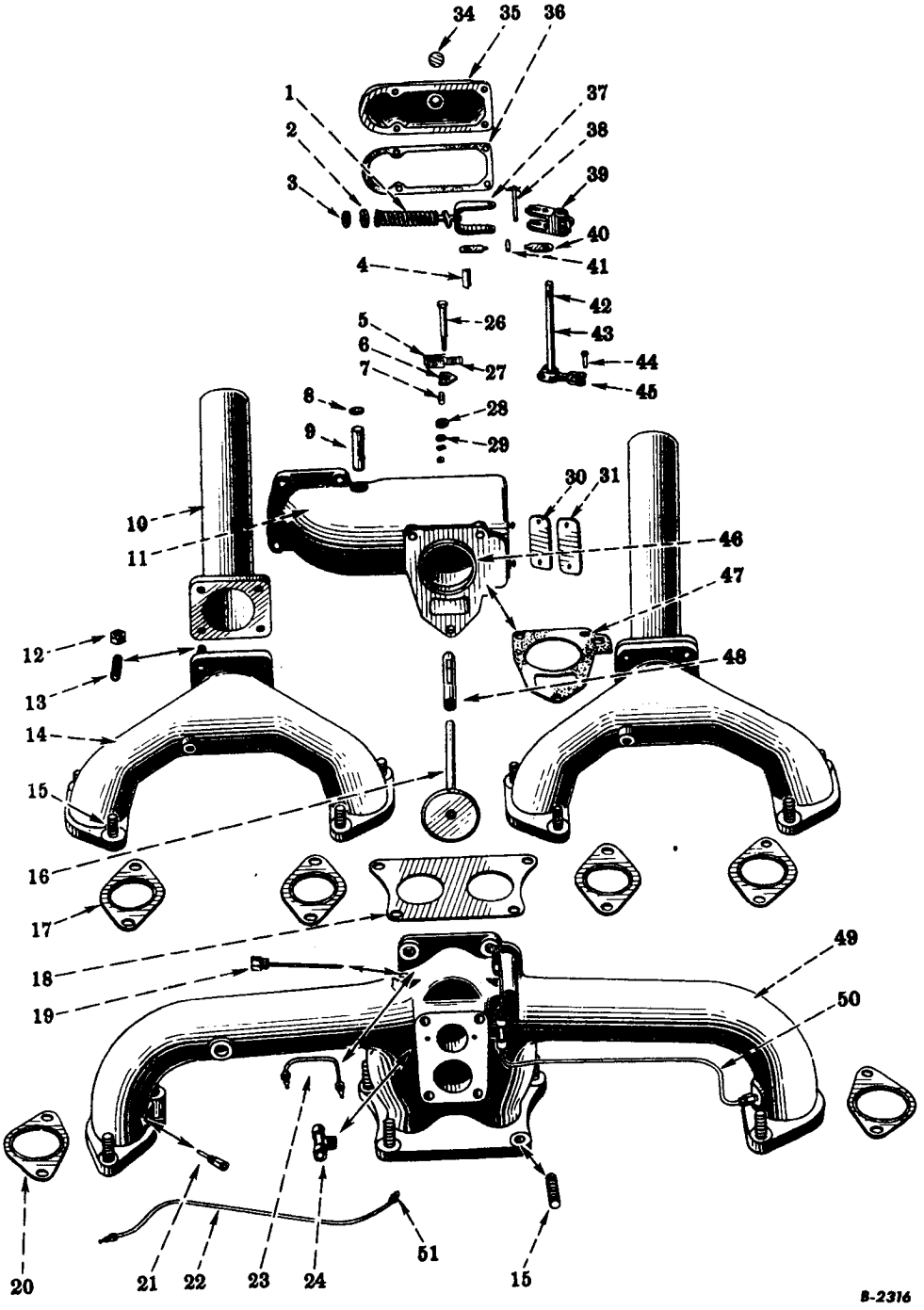
## MANUAL TRIP CROSS SHAFT AND GOVERNOR CONTROL

**Engines TDRM 1687 Up**

| | | | | |
|---|---|---|---|---|
| 58123 D | 1 | Cross Shaft Operating Lever | | 1 |
| 20586 D | 2 | Cross Shaft Operating Lever Pin | | 1 |
| | | Hex. Nut, 5/16" N.F. | | 2 |
| | | Lockwasher, 5/16" | | 2 |
| 20586 D | 2-A | Cross Shaft Jaw Lever Pin | | 1 |
| | | | | |
| | | | | |
| 8525 DA | 3 | Cross Shaft Bracket (Order 64716 D) | TDRM 1687 to 7304 | 1 |
| | | Cap Screw, 3/8 x 1-3/8" N.C. Hex. Head | | 1 |
| | | Cap Screw, 3/8 x 2-1/2" N.C. Hex. Head | | 2 |
| | | Set Screw, 5/16 x 1-1/4" N.C. Headless, Oval Point | | 1 |
| | | Hex. Nut, 3/8" | | 1 |
| | | Lockwasher, 3/8" | | 3 |
| 9446 DAX | 3 | Cross Shaft Bracket, with Pin, 45391 D | TDRM 7305 up | 1 |
| | | Cap Screw, 3/8 x 1-3/8" N.C. Hex Head | | 1 |
| | | Cap Screw, 3/8 x 2-1/2" N.C. Hex Head | | 1 |
| | | Set Screw, 5/16 x 1-1/4" N.C. Headless, Oval Point | | 1 |
| | | Hex Nut, 3/8" | | 1 |
| | | Lockwasher, 3/8" | | 3 |
| | | | | |
| | | | | |
| 64545 D | 4 | Low Idle Poppet Spring | TDRM 7305 up | 1 |
| | | | | |
| | | | | |
| 8820 DX | 5 | Governor Control Lever with Dowel, 25115 D (Order 64716 D) | TDRM 1687 to 7304 | 1 |
| 9449 DX | 5 | Governor Control Lever with Dowel, 25115 D | TDRM 7305 up | 1 |
| 48356 D | 6 | Governor Control Friction Disc | | 2 |
| 64543 D | 7 | Governor Control Friction Plate | TDRM 7305 up | 1 |
| 6649 D | 8 | Governor Control Friction Disc Retainer, Inner | | 1 |
| 48358 D | 9 | Governor Control Friction Spring | | 1 |

| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D | |
|---|---|---|---|---|---|
| | | **MANUAL TRIP CROSS SHAFT AND GOVERNOR CONTROL —Continued** | | | |
| | | **Engines TDRM 1687 Up** | | | |
| 48359 D | 10 | Governor Control Friction Spring Nut | | 1 | |
| 56460 D | 11 | Control Cross Shaft | | 1 | |
| 52176 DC | 11A | Cross Shaft Return Spring | | 1 | |
| 19306 D | 12 | Cross Shaft Operating Rod Pin | | 1 | |
| | | Cotter Pin, 3/32 x 1/2" | | 2 | |
| 19306 D | 12-A | Governor Control Rod Pin | | 1 | |
| | | | | | |
| 10765 V | 13 | Cross Shaft Operating Rod Upper Pin | TDRM 1687 to 15000 | 1 | |
| | | Cotter Pin, 3/32 x 5/8" | | 1 | |
| 58255 D | 14 | Cross Shaft Operating Rod Adjustable Yoke | TDRM 1687 to 15000 | 1 | |
| 251438 R91 | 14 | Starting Valve Cross Shaft Operating Rod Upper with 5/16" | | | |
| | | Rod End Clevis | TDRM 15001 up | 1 | |
| | | Hex Nut, 5/16" N.F. | | 1 | |
| 56459 DBX | 15 | Cross Shaft Operating Rod with Yoke | TDRM 1687 to 15000 | 1 | |
| | | Hex. Nut, 7/16" N.F. | | 1 | |
| 251433 R91 | 15 | Starting Valve Cross Shaft Operating Rod, Complete | TDRM 15001 up | 1 | |
| 251480 R91 | 15A | Cross Shaft Operating Rod with Starting Valve Cross Shaft | | | |
| | | Operating Rod, 251433 R91 and Starting Valve Cross Shaft | | | |
| | | Operating Rod, Upper, 251438 R91 | TDRM 15001 up | 1 | |
| | | | | | |
| | | | | | |
| 8617 DAX | 16 | Cross Shaft Latch Bracket with Pin | | 1 | |
| | | Set Screw, 3/8 x 1-1/2" N.C. Flat Point | | 1 | |
| | | Hex. Nut, 3/8" | | 1 | |
| 52621 DX | 17 | Cross Shaft Latch with Pin | | 1 | |
| 52624 D | 18 | Cross Shaft Latch Spring | | 1 | |
| 55354 DA | 19 | Cross Shaft Latch Pin | | 1 | |
| | 20 | Follows Reference No. 29 | | | |
| | | | | | |
| 54125 D | 21 | Governor Control Rod Spring | TDRM 1036 up | 2 | |
| 42981 DA | 22 | Governor Control Rod Trunnion | | 1 | |
| | | Cotter Pin, 3/32 x 5/8" | | 1 | |
| | | Washer, 13/32" I.D. x 3/4" O.D. x No. 16 Ga. (Q 1597) | | 1 | |
| 54124 D | 23 | Governor Control Rod Trunnion Guide | TDRM 1036 up | 1 | |
| 58150 DX | 24 | Governor Control Rod with End | | 1 | |
| | | Hex. Nut, 5/16" N.F. | | 2 | |
| 48354 D | 25 | Governor Control Lever Stop | TDRM 1687 to 7304 | 1 | |
| 25115 D | 26 | Governor Control Dowel Pin | | 1 | |
| | | | | | |
| 51329 D | 27 | Friction Control Retainer Plate Pin | TDRM 1687 to 7304 | 1 | |
| | | | | | |
| 52626 D | 28 | Cross Shaft Jaw Lever | | 1 | |
| 8721 D | 29 | Cross Shaft Jaw | | 1 | |
| | 20 | Set Screw, 5/16 x 1-1/4" N.C. Headless, Flat Point | | 1 | |
| | | Hex. Nut, 5/16" N.C. | | 1 | |
| | | Washer, 21/32" I.D. x 1" O.D. x No. 12 Gauge (Q 1537) | | 1 | |
| | | Cotter Pin, 1/8 x 1" | | 1 | |
| | | | | | |
| 56463 D | 30 | Carburetor Control Rod | | 1 | |
| | | Cotter Pin, 1/16 x 7/16" | | 2 | |
| | | | | | |
| 45391 D | 31 | Governor Control Friction Plate Locating Pin | TDRM 7305 up | 1 | |
| 48355 D | 32 | Governor Control Lever Stop Spring | TDRM 1687 to 7304 | 1 | |
| 64544 D | 33 | Low Idle Poppet | TDRM 7305 up | 1 | |
| 64716 D | 34 | Governor Control, Complete (Will Work for 8525 DB or 8820 DX) | TDRM 7305 up | 1 | |
| 54085 D | 35 | Governor Control Disc (Stationary) | TDRM 1687 to 7304 | 1 | |

# MEMORANDA




**EXHAUST AND INTAKE MANIFOLDS, EXHAUST PIPES AND AIR VALVE HOUSING**

**Engines TDRM 501 to 15000**

*Reference numbers only are shown in illustration. Use I H C part numbers in ordering.*

*Unnumbered parts in the illustrations are the same as corresponding parts shown with numbers.*

## EXHAUST AND INTAKE MANIFOLDS, EXHAUST PIPES AND AIR VALVE HOUSING

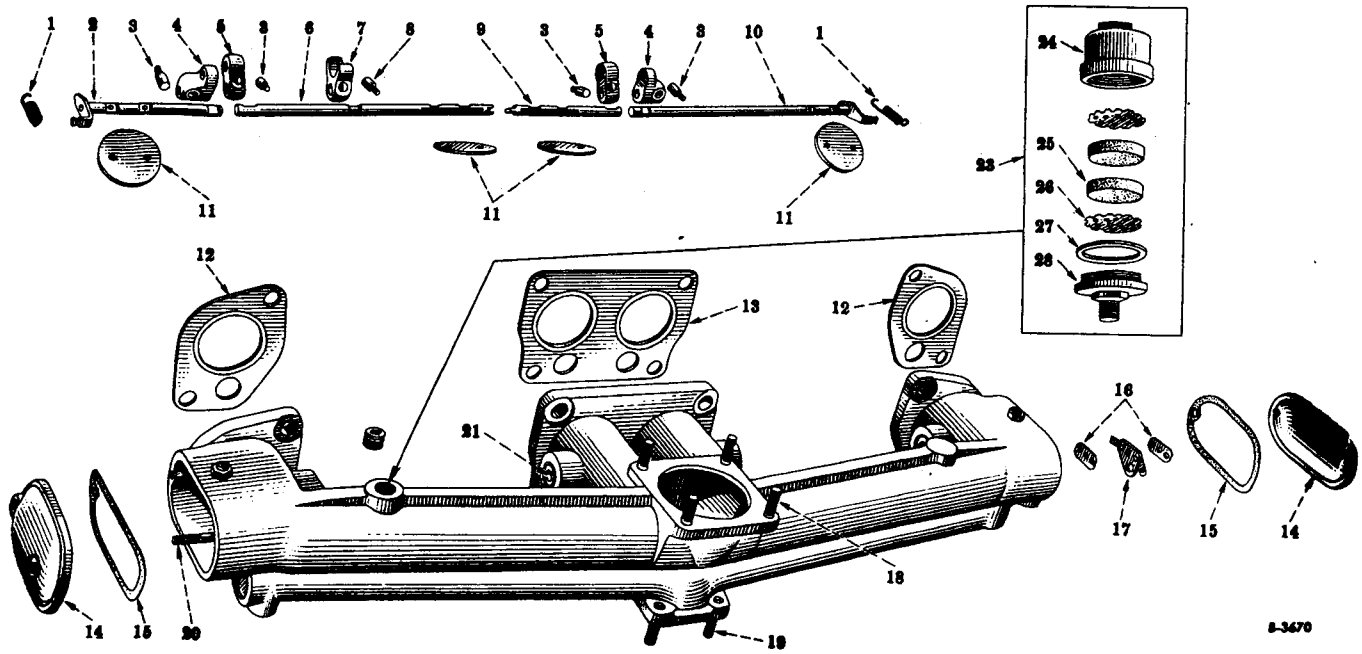
Engines TDRM 501 to 15000

| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D |
|---|---|---|---|---|
| 42663 D | 1 | Air Valve Spring | | 1 |
| 42665 D | 2 | Air Valve Spring Cup | | 2 |
| 42664 D | 3 | Air Valve Spring Washer | | 1 |
| | | | | |
| | | | | |
| 42673 D | 4 | Ignition Cutout Switch Contact | | 1 |
| | | Slotted Screw, No. 10 - 32 x 3/8", Round Head | | 2 |
| | | Lockwasher, No. 10 | | 2 |
| 42674 D | 5 | Ignition Cutout Switch Spring | | 1 |
| 42676 D | 6 | Ignition Cutout Switch Spring Insulator | | 1 |
| 42678 D | 7 | Ignition Cutout Switch Insulating Tube | | 1 |
| | | | | |
| | | | | |
| 13090 D | 8 | Air Valve Housing Expansion Plug, 7/8" | | 1 |
| 42669 D | 9 | Air Valve Spring Yoke Pivot | | 1 |
| | | | | |
| | | | | |
| 41641 DX | 10 | Exhaust Pipe with Flange (Not Exhaust Muffler) | | 2 |
| | | | | |
| | | | | |
| 5953 DX | 11 | Air Valve Housing with Sleeve, 42658 D, Plug, 13090 D and | | |
| | | Ring, 42657 D | | 1 |
| | | Cap Screw, 7/16 x 1-1/4" N.C. Hex. Head | | 3 |
| | | Lockwasher, 7/16" | | 3 |
| | | | | |
| | | | | |
| 19962 D | 12 | Exhaust Pipe Stud Nut (Order Standard 1/2" N.C. Hex. Nut) TDRM 501 to | | 8 |
| 25122 D | 13 | Exhaust Pipe Stud | | 8 |
| | 12 | Hex. Nut, 1/2" N.C. (Will Work for 19962 D) TDRM up | | 8 |
| 5046 DBX | 14 | Exhaust Manifold with 4 Studs, 32568 D | | 2 |
| | | | | |
| | | | | |
| 25125 D | 15 | Manifold Stud (Order 50677 D) | | 16 |
| | | Hex. Nut, 1/2" N.C. | | 16 |
| 50677 D | 15 | Manifold Stud (Will Work for 25125 D) | | 16 |
| | | Hex Nut, 1/2" N.C. | | 16 |
| | | | | |
| 42660 DA | 16 | Air Valve | | 1 |
| 32360 D | 17 | Exhaust Manifold Gasket | | 4 |
| 32366 D | 18 | Intake Manifold Center Gasket | | 1 |
| 43371 D | 19 | Primer Spray Tube | | 2 |
| 43371 DX | 19 | Primer Spray Tube with Nut, 36092 D | | 2 |
| 32495 D | 20 | Intake Manifold End Gasket | | 2 |
| | | | | |
| 42216 D | 21 | Primer Half Union Sprayer Body | | 2 |
| 42216 DX | 21 | Primer Half Union Sprayer Body with Nut, 36092 D | | 2 |
| 43369 DX | 22 | Primer End Pipe, L.H. with 2 Nuts, 36092 D | | 1 |
| 43368 DX | 23 | Primer Center Pipe with 2 Nuts, 36092 D | | 2 |
| 43372 D | 24 | Primer Pipe Tee | | 2 |
| 43372 DX | 24 | Primer Pipe Tee with 2 Nuts, 36092 D | | 2 |
| | | | | |
| | | | | |
| 59247 D | 26 | Distributor Switch Terminal Screw | | 1 |
| | | Hex. Nut, No. 10 - 24 N.C. | | 2 |
| | | Lockwasher, No. 10 | | 2 |
| | | Washer, 1/2" O.D. x 13/64" I.D. x No. 18 | | 1 |

## EXHAUST AND INTAKE MANIFOLDS, EXHAUST PIPES AND AIR VALVE HOUSING

**Engines TDRM 501 to 15000**

| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D |
|---|---|---|---|---|
| 42675 D | 27 | Ignition Cutout Switch Spring Reinforcement | | 1 |
| 42677 D | 28 | Ignition Cutout Switch Insulating Washer | | 1 |
| Q 103 | 29 | Washer | | 1 |
| 42680 D | 30 | Ignition Cutout Switch Cover Gasket | | 1 |
| 42679 D | 31 | Ignition Cutout Switch Cover | | 1 |
| | | Slotted Screw, No. 10 - 24 x 1/2", Round Head | | 2 |
| | | Lockwasher, No. 10 | | 2 |
| 23007 V | 34 | Air Valve Housing Cover Expansion Plug, 1" | | 1 |
| 5954 DX | 35 | Air Valve Housing Cover with Plug, 23007 V | | 1 |
| | | Cap Screw, 3/8 x 1" N.C. Hex. Head | | 4 |
| | | Lockwasher, 3/8" | | 4 |
| 42672 D | 36 | Air Valve Housing Cover Gasket | | 1 |
| 42666 DX | 37 | Air Valve Spring Yoke with End | | 1 |
| 42668 DA | 38 | Air Valve Spring Yoke Pin | | 1 |
| | | Cotter Pin, 1/16 x 5/8" | | 2 |
| 42670 D | 39 | Air Valve Lever, Inner | | 1 |
| | | Cap Screw, 5/16 x 1" N.F. | | 1 |
| | | Hex. Nut, 5/16" N.F. | | 1 |
| 42662 D | 40 | Air Valve Pin Retainer | | 2 |
| 42661 D | 41 | Air Valve Pin | | 1 |
| 4167 T | 42 | Air Valve Lever Key (Woodruff No. 3) | | 1 |
| 42671 D | 43 | Air Valve Lever Shaft | | 1 |
| 14611 H | 44 | Air Valve Control Rod Pin | | 2 |
| | | Cotter Pin, 1/16 x 7/16" | | 2 |
| 42782 D | 45 | Air Valve Control Lever, Outer | | 1 |
| | | Cap Screw, 5/16 x 1" N.F. Hex. Head | | 1 |
| | | Lockwasher, 5/16" | | 1 |
| 42657 D | 46 | Air Valve Housing Pilot Ring | | 1 |
| 42659 D | 47 | Air Valve Housing Gasket | | 1 |
| 42658 D | 48 | Air Valve Sleeve | | 1 |
| 5955 DX | 49 | Intake Manifold with 1/4" Headless Pipe Plug, 103844 (Order 9561 DX) | | 1 |
| 9561 DX | 49 | Intake Manifold with Slotted Headless Pipe Plug, 1/4", 103844 | | |
| | | (Will Work for 5955 DX) | | 1 |
| 65810 D | 49 | Intake Manifold and Air Valve Housing, Complete | | 1 |
| 103844 | | 1/4" Slotted Headless Pipe Plug used with 9561 DX | | 1 |
| 43370 DX | 50 | Primer End Pipe, R.H. with 2 Nuts, 36092 D | | 1 |
| 36092 D | 51 | Primer Pipe Nut | | 8 |



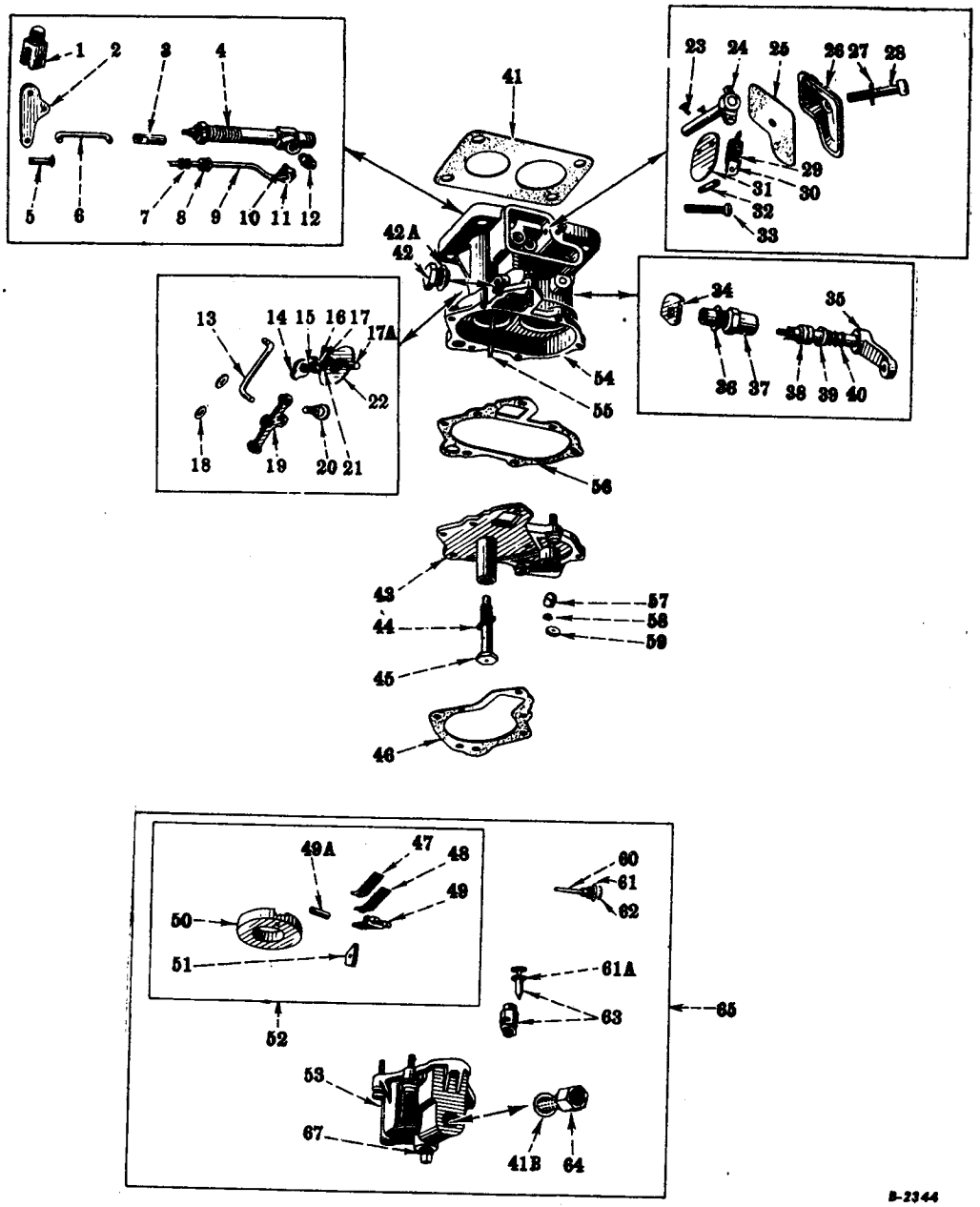

*Reference numbers only are shown in illustration. Use I H C part numbers in ordering.*
*Unnumbered parts in the illustrations are the same as corresponding parts shown with numbers*

## INTAKE MANIFOLD AND INJECTION PUMP BREATHER

**Engines TDRM 15001 up**

| | | | |
|---|---|---|---|
| 254900 R11 | | Intake Manifold, Complete | 1 |
| 250549 R1 | 1 | Manifold Control Spring | 2 |
| 251316 R11 | 2 | Manifold Control Shaft, Rear, with Lever | |
| 42739 DA | 3 | Manifold Control Shaft Flange Pin | 1 |
| | | Hex Nut, 1/4" N.F. | 4 |
| | | Lockwasher, 1/4" | 4 |
| 250546 R1 | 4 | Manifold Control Shaft Coupling | 4 |
| | | Cap Screw, 3/8 x 1-1/4" N.C. Hex Head | 2 |
| | | Lockwasher, 3/8" | 2 |
| | | Washer, 13/32" I.D. x 13/16" O.D. x No. 16 Ga. | 2 |
| 250547 R1 | 5 | Manifold Control Shaft Flange | 1 |
| 251318 R1 | 6 | Manifold Control Shaft, Rear, Intermediate | 2 |
| 250548 R1 | 7 | Manifold Control Lever | 1 |
| 42739 DA | 8 | Manifold Control Lever Pin | 1 |
| | | Hex Nut, 1/4" N.F. | 1 |
| | | Lockwasher, 1/4" | 1 |
| 251317 R1 | 9 | Manifold Control Shaft, Front, Intermediate | 1 |
| 251315 R11 | 10 | Manifold Control Shaft, Front, with Lever | 1 |

| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D | |
|---|---|---|---|---|---|
| | | **INTAKE MANIFOLD AND INJECTION PUMP BREATHER—Continued** **Engines TDRM 15001 up** | | | |
| 50697 D | 11 | Manifold Butterfly Valve | | 4 | |
| | | Screw, No. 8-32 x 3/8" Round Head | | 8 | |
| | | Lockwasher, No. 8 | | 8 | |
| 251329 R1 | 12 | Intake Manifold Gasket, End | | 2 | |
| 251330 R1 | 13 | Intake Manifold Gasket, Center | | 1 | |
| 250551 R1 | 14 | Intake Manifold End Cover | | 2 | |
| | | Cap Screw, 5/16 x 1" N.C. Hex Head | | 2 | |
| | | Hex Nut, 5/16" N.F. | | 2 | |
| | | Lockwasher, 5/16" | | 4 | |
| 250550 R1 | 15 | Intake Manifold End Cover Gasket | | 2 | |
| 52514 D | 16 | Ignition Cut-Out Switch Insulation Plate | | 2 | |
| | | Screw, No. 8 - 32 x 3/8" | | 1 | |
| | | Lockwasher, No. 10 | | 1 | |
| | | Washer, 13/64" I.D. x 1/2" O.D. x No. 18 Ga. | | 1 | |
| 52515 DA | 17 | Ignition Cut-Out Switch Contact and Terminal Plate | | 1 | |
| 41634 D | 18 | Carburetor Stud | | 4 | |
| 41634 D | 19 | Air Intake Flange Stud | | 4 | |
| 250528 R1 | 20 | Intake Manifold End Cover Stud | | 2 | |
| 53083 D | 21 | Manifold Control Shaft Seal | | 4 | |
| | | **INJECTION PUMP BREATHER** | | | |
| 64643 D | 23 | Injection Pump Breather, Complete | | 1 | |
| 9453 D | 24 | Injection Pump Breather Body | | 2 | |
| 64577 D | 25 | Injection Pump Breather Filter Element | | 2 | |
| 64578 D | 26 | Injection Pump Breather Filter Element Retainer | | 1 | |
| 64576 D | 27 | Injection Pump Breather Body Gasket | | 1 | |
| 9454 D | 28 | Injection Pump Breather Body Cap | | | |
| | | **EXHAUST MANIFOLDS AND PIPES** **(Engines TDRM 15001 up)** | | | |
| 41641 DX | | Exhaust Pipe with Flange | | 2 | |
| | | Hex Nut, 1/2" N.C. | | 8 | |
| 50677 D | | Exhaust Pipe Stud | | 4 | |
| 250451 R1 | | Exhaust Manifold Stud | | 8 | |
| 251141 R11 | | Exhaust Manifold with 4 Pipe Studs | | 2 | |
| 251167 R1 | | Exhaust Manifold Gasket | | 4 | |




*Reference numbers only are shown in illustration. Use I H C part numbers in ordering.*
*Unnumbered parts in the illustrations are the same as corresponding parts shown with numbers.*

## CARBURETOR

**International Model C-12, 1¼"**
**(For Starting on Gasoline)**

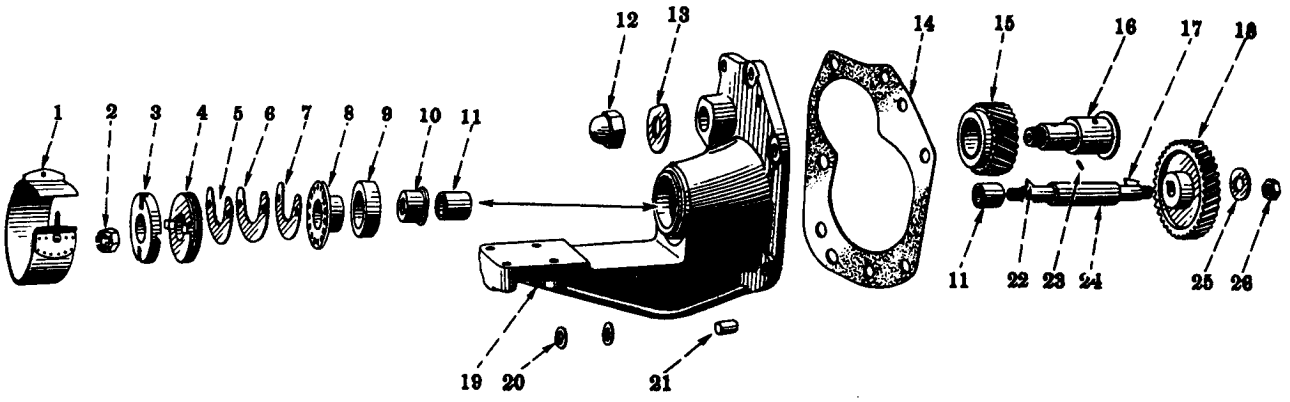
| | | | | |
|---|---|---|---|---|
| 42870 D | | CARBURETOR, COMPLETE — TDRM 501 TO 15000 | 1 | |
| | | | | |
| | | | | |
| | | | | |
| 251414 R91 | | CARBURETOR, COMPLETE — TDRM 15001 UP | 1 | |
| | | HEX NUT, 3/8" N.F. | 4 | |
| | | LOCKWASHER, 3/8" | 4 | |
| | | FLAT WASHER, 13/32" I.D. x 3/4" O.D. x No. 16 GA. | 4 | |
| | | | | |
| | | | | |

| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D | |
|---|---|---|---|---|---|
| | | **STARTING PRIMER AND CONTROL** | | | |
| | | **(Starting—Diesel)** | | | |
| | | **(Engines TDRM 501 to 15000) See "ATTACHMENTS" Section for Starting Engines TDRM 15001 Up** | | | |
| 42775 D | 1 | PRIMER BELL CRANK SUPPORT | | 1 | |
| 42774 D | 2 | PRIMER CONTROL BELL CRANK | | 1 | |
| 42772 D | 3 | PRIMER CONTROL ROD END | | 1 | |
| 42771 D | 4 | PRIMER, COMPLETE | | 1 | |
| 67943 D | 4A | PRIMER BODY ONLY | | 1 | |
| 14611 H | 5 | PRIMER CONTROL BELL CRANK PIN | | 1 | |
| | 5 | CARBURETOR CONTROL ROD PIN | TDRM 501 TO 1686 | 1 | |
| | | COTTER PIN, 1/16 x 7/16" | | 2 | |
| 42773 D | 6 | PRIMER CONTROL ROD | | 1 | |
| | | COTTER PIN, 1/16 x 7/16" | | 2 | |
| | | | | | |
| 32897 D | 7 | PRIMER INLET TUBE PACKING | | 2 | |
| 32896 D | 8 | PRIMER INLET TUBE GLAND | | 1 | |
| 32895 D | 9 | PRIMER INLET TUBE | | 1 | |
| 20684 D | 10 | PRIMER INLET PIPE CONNECTOR SLEEVE | | 1 | |
| 20683 D | 11 | PRIMER INLET PIPE CONNECTOR NUT | | 1 | |
| 32948 D | 12 | PRIMER INLET VALVE | | 1 | |
| 32948 DX | 12 | PRIMER INLET VALVE, 32948 D WITH NUT, 20683 D AND | | | |
| | | SLEEVE, 20684 D | | 1 | |
| | | | | | |
| | | **CARBURETOR** | | | |
| | | **International Model C-12, 1¼"** | | | |
| | | **(For Starting on Gasoline)** | | | |
| 42869 D | 13 | BELL CRANK CONNECTING ROD | | 1 | |
| | | COTTER PIN, 1/16 x 1/2" (CADMIUM PLATED) | | 2 | |
| | | | | | |
| | | | | | |
| 42863 D | 14 | STARTING SHUTTER SHAFT WITH LEVER | | 1 | |
| 27452 D | 15 | STARTING SHUTTER SHAFT PACKING SPRING | | 1 | |
| 32590 D | 16 | STARTING SHUTTER SHAFT PACKING RETAINER | | 1 | |
| 14581 D | 17 | STARTING SHUTTER DUST PACKING | | 2 | |
| 25969 DA | 17A | STARTING SHUTTER SHAFT SHORT (STAINLESS STEEL) | TDRM 501 TO 15000 | 1 | |
| | | | | | |
| | | | | | |
| | | | | | |
| 32592 D | 18 | BELL CRANK CONNECTING ROD WASHER | | 2 | |
| 42867 D | 19 | STARTING LEVER BELL CRANK | | 1 | |
| 42868 D | 20 | BELL CRANK FULCRUM SCREW | | 1 | |
| | | | | | |
| | | | | | |
| | | | | | |
| 31636 D | 21 | STARTING SHUTTER BUTTERFLY SCREW | TDRM 501 TO 15000 | 2 | |
| 32589 DX | 22 | STARTING SHUTTER WITH VALVE | | 1 | |
| 14971 D | 23 | BUTTERFLY SCREW | | 2 | |
| | | | | | |
| | | | | | |
| | | | | | |
| 3226 DB | 24 | THROTTLE SHAFT LEVER (ORDER 32602 DAX) | | 1 | |
| 32602 DAX | 24 | THROTTLE SHAFT WITH LEVER | | 1 | |
| 32607 DA | 25 | THROTTLE LEVER COVER GASKET | | 1 | |
| | | SCREW, No. 8 - 32 x 3/8" FILLISTER HEAD | | | |
| | | (CADMIUM PLATED) | | 1 | |
| 32608 D | 26 | THROTTLE LEVER COVER | | 1 | |
| | | | | | |

| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D | |
|---|---|---|---|---|---|
| | | **CARBURETOR—Continued**<br>**International Model C-12, 1¼"**<br>**(For Starting on Gasoline)** | | | |
| 32610 D | 27 | Throttle Cover Clamp Screw Gasket | | 1 | |
| 32609 D | 28 | Throttle Cover Clamp Screw | | 1 | |
| 27435 D | 29 | Throttle Lever Spring | | 1 | |
| 27436 D | 30 | Throttle Spring End | | 1 | |
| 32601 D | 31 | Throttle Butterfly | | 1 | |
| 32599 D | 32 | Throttle Stop Pin | | 2 | |
| 32600 D | 33 | Throttle Stop Screw | | 1 | |
| | | Machine Screw, 8 x 32 x 3/8" Fillister Head | | 1 | |
| 32582 D | 34 | Locking Shaft Cam | | 1 | |
| 5076 D | 35 | Locking Shaft Lever (Order 42871 D) | | 1 | |
| 42871 D | 35 | Locking Shaft with Lever | | 1 | |
| | | Hex. Nut, No. 8 - 32 | | 1 | |
| | | Lockwasher, No. 8 | | 1 | |
| 58836 D | 36 | Locking Shaft Bearing Gasket | | 1 | |
| 32585 DA | 37 | Locking Shaft Bearing | | 1 | |
| 32588 D | 38 | Locking Shaft Dust Washer | | 2 | |
| 32587 D | 39 | Locking Shaft Dust Washer Retainer | | 1 | |
| 32586 D | 40 | Locking Shaft Dust Washer Spring | | 1 | |
| 42769 D | 41 | Carburetor Gasket(64321 D Will Work) | | * | |
| 64321 D | 41 | Carburetor Gasket (42769 D Will Work) | | ** | |
| 18377 D | 41-B | Strainer Screen Gasket | | 1 | |
| 42844 D | 42 | Locking Shaft Body Plug | | 1 | |
| 18377 D | 42-A | Locking Shaft Body Plug Gasket | | 1 | |
| 5975 DX | 43 | Carburetor Bottom Plate with Filler, 27445 DB | | | |
| | | and Plug, 57957 D | | 1 | |
| | | Machine Screw, 12 x 24 x 3/4" Filled Head (Cadmium Plated) | | 3 | |
| | | Lockwasher, 12 (Cadmium Plated) | | 3 | |
| 32615 D | 44 | Metering Well Gasket | | 1 | |
| 32616 D | 45 | Metering Well | | 1 | |
| 32606 DA | 46 | Fuel Bowl Gasket | | 1 | |
| 32578 D | 47 | Float Lever Spring Upper Leaf | | 1 | |
| 32577 D | 48 | Float Lever Spring Lower Leaf | | 1 | |
| 32575 D | 49 | Float Lever | | 1 | |
| 32604 D | 49A | Float Level Spacer | | | |
| 32572 DAX | 50 | Cork Float with Ferrule | | 1 | |
| | | Slotted Screw, No. 4 - 36 x 7/16" Round Head or Slotted Screw, 36 x 1/2" Round Head (Cadmium Plated) | | 1 | |
| 32574 DAX | 51 | Float Reinforcing Plate | | 1 | |
| 53079 D | 52 | Cork Float, Complete with Lever | | 1 | |
| | | * - 1 Required on Carburetor 42870 D | | | |
| | | ** - 2 Required on Carburetor 64319 DX | | | |

# DIESEL ENGINE

| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D |
|---|---|---|---|---|
| | | **CARBURETOR—Continued** | | |
| | | **International Model C-12, 1¼"** | | |
| | | **(For Starting on Gasoline)** | | |
| | | **Engines TDRM 501 to 15000** | | |
| 5051 DX | 53 | Fuel Bowl with Lever Spacer (9390 DX Will Work) | | 1 |
| | | Screw, No. 12 - 24 x 3/4" Fillister Head | | |
| | | (Cadmium Plated) | | 4 |
| | | Screw, No. 12 - 24 x 1" Fillister Head | | |
| | | (Cadmium Plated) | | 4 |
| | | Lockwasher, No. 12 (Cadmium Plated) | | 8 |
| | | Pipe Plug, 1/8" Square Head (Cadmium Plated) | | 1 |
| 9390 DX | 53 | Fuel Bowl, Complete (Will Work for 5051 DX) | | 1 |
| | | Machine Screw, No. 12 x 24 x 1 Fillister Head (Cadmium Plated) | | 4 |
| | | Machine Screw, 12 x 24 x 3/4" Fillister Head (Cadmium Plated) | | 1 |
| | | Pipe Plug, 1/8" Square Head (Cadmium Plated) | | 1 |
| 5049 DAX-32 | 54 | Carburetor Body with Idling Tube | | 1 |
| 9440 DY | 54 | Carburetor Body with Idling Tube (5049 DAX-32 Will Work) | | 1 |
| 32614 DX | 55 | Idling Tube with Plug | TDRM 501 to 15000 | 1 |
| 35048 D | 55 | Idling Tube with Plug | TDRM 15001 up | 1 |
| 32597 D | 56 | Carburetor Bottom Plate Gasket | | 1 |
| 27445 DAX | 57 | Drip Hole Filler with Screen (Order 60947 D) | TDRM 501 to 15000 | 1 |
| 27445 DB | 57 | Drip Hole Filler | TDRM 501 to 15000 | 1 |
| 60947 D | 57 | Drip Hole Filler, 27445 DB with Plug, 57957 D | | |
| | | (Will Work for 27445 DAX) | TDRM 501 to 15000 | 1 |
| 39826 D | 58 | Drip Hole Screen (Order 27445 DB) | TDRM 501 to 15000 | 1 |
| 27444 D | 59 | Drip Hole Plug (Order 57957 D) | TDRM 501 to 15000 | 1 |
| 57957 D | 59 | Drip Hole Plug (Will Work for 27444 D) | TDRM 501 to 15000 | 1 |
| 24672 D | 60 | Float Lever Pivot (Order 32576 DX) | | 1 |
| 25948 D | 61 | Float Lever Pivot Screw Gasket | | 1 |
| 25948 D | 61-A | Needle Valve Cage Gasket | | 1 |
| 32576 DX | 62 | Float Pivot Screw with Pivot, 24672 D (Will Work for 24672 D) | | 1 |
| 32581 DXA | 63 | Needle Valve Cage with Needle Valve and Spool | | 1 |
| 29902 DX | 64 | Strainer Screen Retainer with Screen | | 1 |
| 35691 DX | 65 | Fuel Bowl, Complete with Float, Needle Valve Cage | | |
| | | and Adapter, 24691 D | | 1 |



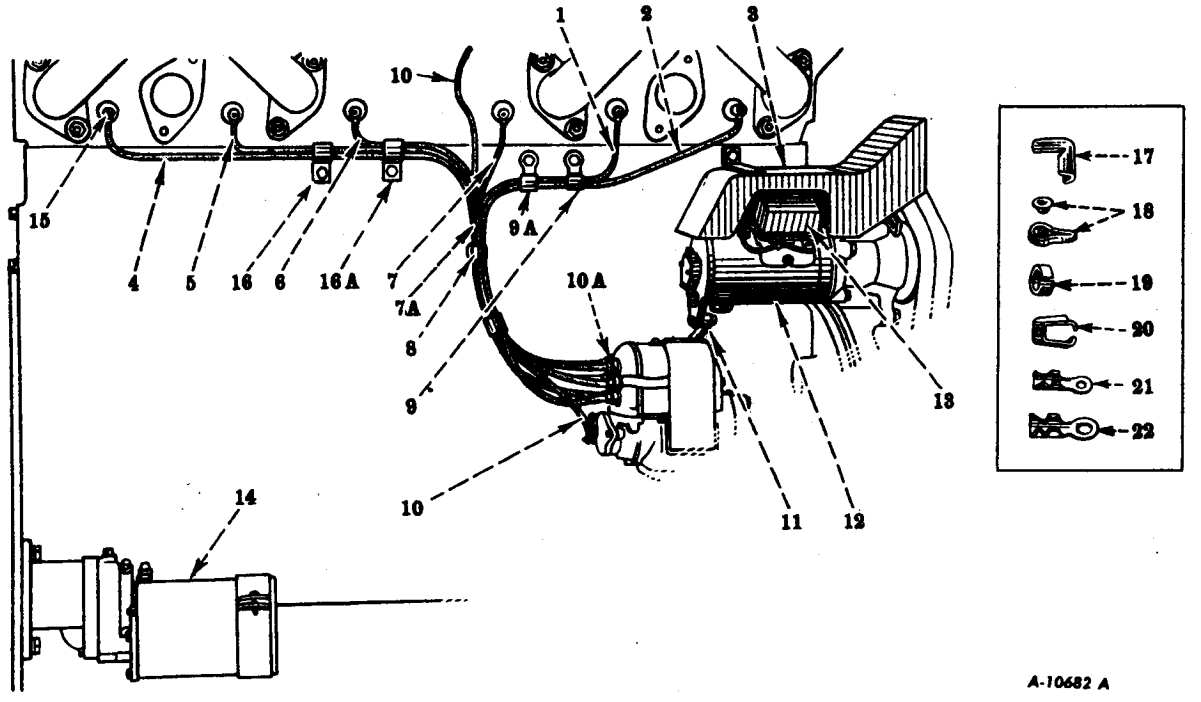

*Reference numbers only are shown in illustration. Use I H C part numbers in ordering.*
*Unnumbered parts in the illustrations are the same as corresponding parts shown with numbers.*

## MAGNETO DRIVE AND BRACKET

| | | | | |
|---|---|---|---|---|
| 28388 DA | 1 | Magneto Drive Cover, Complete | | 1 |
| | | Slotted Screw, No. 10 - 24 x 7/8" Fillister Head | | 1 |
| | 2 | Follows Reference No. 24 | | |
| 35719 D | 3 | Magneto Coupling Block Spacer | | 1 |
| 12740 D | 4 | Magneto Coupling Block, Male | | 1 |
| 10481 D | 5 | Magneto Coupling Shim, Medium | | 1 |
| 10482 D | 6 | Magneto Coupling Shim, Heavy | | 1 |
| 10553 D | 7 | Magneto Coupling Shim, Light | | 1 |
| 22716 DA | 8 | Magneto Coupling | | 1 |
| | | Cap Screw, 1/4 x 7/16" N.F. Hex. Head | | 2 |
| | | Lockwasher, 1/4" | | 2 |
| 33788 D | 9 | Magneto Shaft Oil Seal | | 1 |
| 32503 D | 10 | Magneto Shaft Spacer | | 1 |
| 32506 D | 11 | Magneto Drive Shaft Bushing | | 2 |
| 35319 D | 12 | Magneto Idler Gear Shaft Nut | | 1 |
| 25132 D | 13 | Magneto Idler Gear Shaft Lockwasher | | 1 |
| 32505 D | 14 | Magneto Bracket Gasket | | 1 |
| 32497 DX | 15 | Magneto Idler Gear with Bushing | | 1 |
| 32499 DAX | 16 | Magneto Idler Gear Shaft with 1 Pin, 29764 D and 1/8" Pipe Plug | | 1 |
| 103646 | 17 | Magneto Drive Gear Key (Woodruff No. 7) | TDRM 15001 up | 1 |
| 13085 D | 17 | Magneto Drive Gear Key (Woodruff No. 7) (1/8 x 1/2") | TDRM 500 to 15000 | 1 |
| 32500 DA | 18 | Magneto Drive Gear, 36 Teeth | | 1 |

## MAGNETO DRIVE AND BRACKET—Continued

| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D |
|---|---|---|---|---|
| 5947 DX | 19 | Magneto Bracket with 2 Dowels, 32504 D | | |
| | | 2 Bushings, 32506 D and 2 Pipe Plugs, 1/8" | | 1 |
| | | Cap Screw, 1/2 x 1-1/8" N.F. Hex. Head | | 1 |
| | | Cap Screw, 1/2 x 2" N.F. Hex. Head | | 4 |
| | | Cap Screw, 1/2 x 2-1/4" N.F. Hex. Head | | 1 |
| | 26 | Hex. Nut, 1/2" N.F. | | 4 |
| | | Lockwasher, 1/2" | | 4 |
| 25352 D | 20 | Magneto Bracket Bolt Gasket | | 2 |
| 32504 D | 21 | Magneto Bracket Dowel | | 2 |
| 4167 T | 22 | Magneto Drive Key (Woodruff No. 3) | TDRM 501 to 15000 | 1 |
| 106749 | 22 | Magneto Drive Key (Woodruff No. 3) | TDRM 15001 up | 1 |
| 29764 D | 23 | Magneto Idler Gear Pin | | 1 |
| 32501 D | 24 | Magneto Drive Shaft | | 1 |
| | | Hex. Nut, 1/2" N.F. | | 1 |
| | 2 | Hex. Nut, 1/2" N.F. (Castle) | | 1 |
| | | Cotter Pin, 3/32 x 1" | | 1 |
| 32502 D | 25 | Magneto Gear Washer | | 1 |
| | 26 | Follows Reference No. 19 | | |




*Reference numbers only are shown in illustration. Use I H C part numbers in ordering.*
*Unnumbered parts in the illustrations are the same as corresponding parts shown with numbers.*

## SPARK PLUGS, CABLES, GENERATOR AND STARTING MOTOR

| | | | | |
|---|---|---|---|---|
| 42220 D | 1 | Spark Plug Cable, No. 2 (Order 65347 D) | TDRM 501 to 5026 | 1 |
| 65347 D | 1 | Spark Plug Cable, No. 2 (Will Work for 42220 D) | TDRM 5027 to 15000 | 1 |
| 251444 R11 | 1 | Spark Plug Cable, No. 2 | TDRM 15001 up | 1 |
| | | | | |
| 39753 D | 2 | Spark Plug Cable, No. 1 (Order 65346 D) | TDRM 501 to 5026 | 1 |
| 65346 D | 2 | Spark Plug Cable, No. 1 (Will Work for 39753 D) | TDRM 5027 to 15000 | 1 |
| 65329 D | 2 | Spark Plug Cable, No. 1 | TDRM 15001 up | 1 |
| | | | | |
| 43006 D | 3 | Generator Heat Shield, Complete | | 1 |
| | | Cap Screw, 3/8 x 3/4" N.C. Hex. Head | | 2 |
| | | Lockwasher, 3/8" | | 2 |
| | | | | |
| 29870 D | 4 | Spark Plug Cable, No. 6 (Order 65340 D) | TDRM 1687 to 5026 | 1 |
| 39754 D | 4 | Spark Plug Cable, No. 6 (Order 65340 D) | TDRM 501 to 1686 | 1 |
| 65340 D | 4 | Spark Plug Cable, No. 6 (Will Work for 29870 D and 39754 D) | TDRM 5027 to 15000 | 1 |
| 65339 D | 4 | Spark Plug Cable, No. 6 | TDRM 15001 up | 1 |
| | | | | |
| 39753 D | 5 | Spark Plug Cable, No. 5 (Order 65351 D) | TDRM 501 to 1686 | 1 |
| 58336 D | 5 | Spark Plug Cable, No. 5 (Order 65315 D) | TDRM 1687 to 5026 | 1 |
| 65351 D | 5 | Spark Plug Cable, No. 5 (Will Work for 39753 D and 58336 D) | TDRM 5027 to 15000 | 1 |
| 251445 R11 | 5 | Spark Plug Cable, No. 5 | TDRM 15001 up | 1 |
| | | | | |
| 29128 D | 6 | Spark Plug Cable, No. 4 (Order 65336 D) | TDRM 501 to 5026 | 1 |
| 65336 D | 6 | Spark Plug Cable, No. 4 (Will Work for 29128 D) | TDRM 5027 to 15000 | 1 |
| 65325 D | 6 | Spark Plug Cable, No. 4 | TDRM 15001 up | 1 |

## SPARK PLUGS, CABLES, GENERATO AND STARTING MOTOR —Continued

| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D |
|---|---|---|---|---|
| 65350 D | 7 | Spark Plug Cable, No. 3 | TDRM 15001 up | 1 |
| 28592 D | 7 | Spark Plug Cable, No. 3 (Order 65335 D) | TDRM 501 to 5026 | 1 |
| 65335 D | 7 | Spark Plug Cable, No. 3 (Will Work for 28592 D) | TDRM 5027 to 15000 | 1 |
| 42650 DB | 7A | Set of Spark Plug Cables (Order 65366 D) | TDRM 501 to 5026 | 1 |
| 65366 D | 7A | Set of Spark Plug Cables with Magneto Grounding Switch Cable | | |
| | | (Will Work for 42650 DB) | TDRM 5027 to 15000 | 1 |
| 251439 R92 | 7A | Set of Spark Plug Cables | TDRM 15001 up | 1 |
| | | Cap Screw, No. 10-32 x 3/8" Slotted Round Head | | 1 |
| | | Lockwasher, No. 10 | | 1 |
| 39749 DA | 8 | Spark Plug Cable, Assembly Clip | | 1 |
| | | Cap Screw, 1/4 x 5/8" N.C. Hex. Head | | 1 |
| | | Cap Screw, 3/8 x 5/8" N.C. Hex. Head | | 1 |
| | | Lockwasher, 1/4" | | 1 |
| | | Lockwasher, 3/8" | | 1 |
| | | Hex. Nut, 1/4" N.C. | | 1 |
| 27387 D | 9 | Spark Plug Cable Clip, Front | TDRM 501 to 1686 | 2 |
| 56278 D | 9 | Spark Plug Cable Clip, Front | TDRM 15001 up | 1 |
| | | Cap Screw, 3/8 x 3/4" N.C. Hex Head | | 1 |
| | | Lockwasher, 3/8" | | 1 |
| 255478 R1 | 9A | Spark Plug Cable Clip, Front Intermediate | TDRM 15001 up | 1 |
| | | | | |
| 42651 DX | 10 | Magneto Short Circuiting Cable, Complete | | |
| | | (Order 46886 DX) | TDRM 501 to 2410 | 1 |
| 46886 DX | 10 | Magneto Short Circuiting Cable, Complete | | |
| | | (Will Work for 42651 DX) | TDRM 2411 up | 1 |
| 251553 R1 | 10A | Distributor Cap Terminal Nipple | | 6 |
| | | | | |
| 5992 D | 11 | Generator Bracket | | 1 |
| | | Cap Screw, 7/16 x 1-1/4" N.C. Hex. Head | | 2 |
| | | Lockwasher, 7/16" | | 2 |
| 42997 D | 12 | Generator (Delco-Remy No. 1101715) | TDRM 501 to 973 | 1 |
| | | Cap Screw, 5/16 x 1-3/8" N.F. Hex. Head | | 1 |
| | | Cap Screw, 3/8 x 1-3/4" N.C. Hex. Head | | 4 |
| | | Hex. Nut, 5/16" N.F. | | 1 |
| | | Lockwasher, 5/16" | | 1 |
| | | Lockwasher, 3/8" | | 4 |
| 50585 D | 12 | Generator (Delco-Remy 1101724) | TDRM 974 up | 1 |
| | | Cap Screw, 5/16 x 1-3/8" N.F. Hex. Head | | 1 |
| | | Cap Screw, 3/8 x 1-3/4" N.C. Hex. Head | | 4 |
| | | Hex. Nut, 5/16" N.F. | | 1 |
| | | Lockwasher, 5/16" | | 1 |
| | | Lockwasher, 3/8" | | 4 |
| | | | | |
| 57550 D | 13 | Cutout Relay (Delco-Remy No. 1116810) | TDRM 1963 to 2248, 2353 up | 1 |
| | | | | |
| 33708 D | 14 | Starting Motor (Delco-Remy No. 00 665) (*Power Scraper Modification Galion 24 and Scraper Modification Euclid 1) | | 1 |
| | | Cap Screw, 3/8 x 1-1/4" N.C. Hex Head | | 3 |
| | | Lockwasher, 3/8" | | 3 |
| 42998 D | 14 | Relay with Internal Field Resistance Nut | | |
| | | (Delco-Remy No. 1116777) | TDRM 501 to 1962 Also 2249 to 2352 | 1 |
| | | | | 1 |
| 42999 D | 14 | Starting Motor (Delco-Remy Model 756) | | 3 |
| | | Cap Screw, 1/2 x 1-1/4" N.F. Hex. Head | | 3 |
| | | Lockwasher, 1/2" | | |

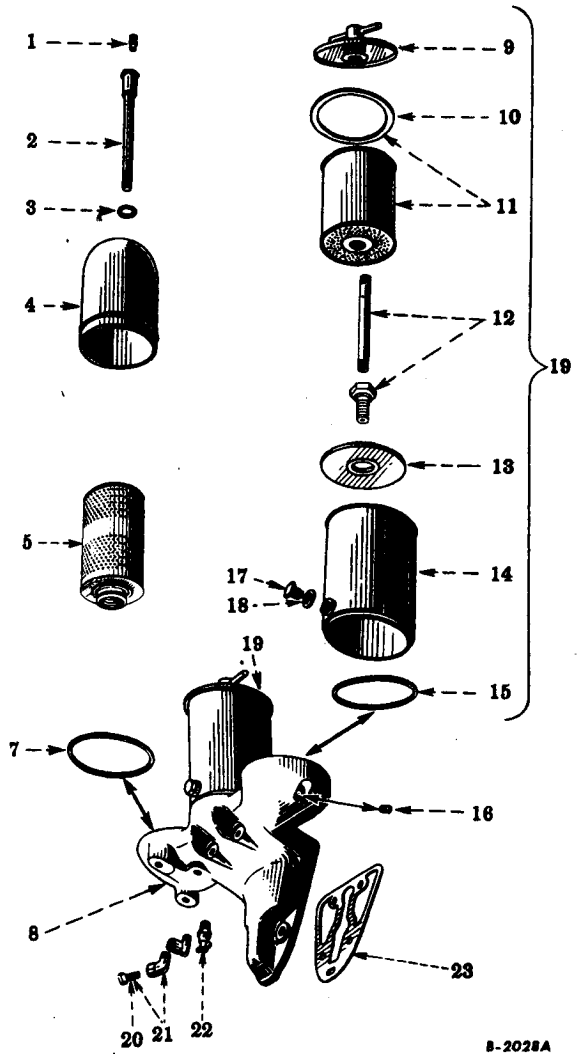
| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D |
|---|---|---|---|---|
| | | **SPARK PLUGS, CABLES, GENERATOR AND STARTING MOTOR —Continued** | | |
| 31536 DD | 15 | Spark Plug (Champion 44)(7/8" - 18 N.C.)(32713 DA Will Work) | | 6 |
| 32713 DC | 15 | Spark Plug (AC 18)(7/8" - 18 N.C.)(31536 DB, 258999 R92 Will Work) | | 6 |
| 258999 R92 | 15 | Spark Plug (Auto-Lite TT-15) (32713 DC and 31536 DD Will Work) | | 6 |
| 56458 D | 16 | Spark Plug Cable Clip, Rear | TDRM 1687 to 15000 | 1 |
| | | Cap Screw, 1/4 x 1/2" N.F. Hex. Head | | 1 |
| | | Hex. Nut, 1/4" N.F. | | 1 |
| | | Lockwasher, 1/4" | | 1 |
| 255479 R1 | 16 | Spark Plug Cable Clip, Rear | TDRM 15001 up | 1 |
| 56277 D | 16A | Spark Plug Cable Clip, Rear Intermediate | TDRM 15001 up | 1 |
| 84319 H | 17 | Cable Terminal (Snap on Type, Spark Plug End of Spark Plug Cable) | TDRM 5027 up | 6 |
| 1924 T | 18 | Spark Plug Cable Terminal | TDRM 501 to 5026 | 6 |
| 27618 D | 19 | Spark Plug Cable Number Ring (Order 60659 D, 60660 D, 60661 D, 60662 D, 60663 D or 60664 D) | | 6 |
| 27618 D | 19 | Spark Plug Cable Reinforcement | TDRM 501 to 5026 | 6 |
| 27618 D | 19 | Magneto Short Circuiting Cable Loom Clamp Ring | | 2 |
| 37291 D | 20 | Spark Plug Cable Terminal (Push Type Distributor End of Spark Plug Cable) | | 6 |
| 38433 D | 21 | Magneto Short Circuiting Cable Terminal (At Magneto) | | 1 |
| 29016 H | 22 | Magneto Short Circuiting Cable Terminal (Manifold End) | TDRM 501 to 2410 | 1 |
| 38433 D | 22 | Magneto Short Circuiting Cable Terminal (At Manifold) | TDRM 2411 up | 1 |
| 251439 R92 | | Set of Spark Plug Cable Markers (60659 D, 60660 D, 60661 D, 60662 D, 60663 D, 60664 D) | | 1 |
| | | Cap Screw, No. 10-32 x 3/8" Slotted Round Head | | 1 |
| | | Lockwasher, No. 10 | | 1 |
| 38094 D | | Magneto Grounding Switch Cable Loom | TDRM 2411 up | 1 |
| 42652 D | | Magneto Grounding Switch Cable Loom | TDRM 501 to 2410 | 1 |
| 60659 D | | Spark Plug Cable Number Ring, No. 1 | | 1 |
| 60660 D | | Spark Plug Cable Number Ring, No. 2 | | 1 |
| 60661 D | | Spark Plug Cable Number Ring, No. 3 | | 1 |
| 60662 D | | Spark Plug Cable Number Ring, No. 4 | | 1 |
| 60663 D | | Spark Plug Cable Number Ring, No. 5 | | 1 |
| 60664 D | | Spark Plug Cable Number Ring, No. 6 | | 1 |
| 28500 H | | Cable Terminal Sleeve | | 1 |

| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D | |
|---|---|---|---|---|---|
| | | **INTERNATIONAL INDUCTOR TYPE MAGNETO, MODEL F-6—Continued** | | | |
| 21349 D | 26 | Distributor Block Spring | | 2 | |
| 21319 D | 27 | Frame Cover Gasket | | 1 | |
| 24616 DA | 28 | Pawl Spacer | | 1 | |
| 24612 D | 29 | Latch Spring | | 1 | |
| 24613 D | 30 | Pawl Latch Pin | | 1 | |
| 32671 D | 31 | Pawl | | 1 | |
| 24611 D | 32 | Pawl Latch | | 1 | |
| 28655 D | 33 | Distributor Disc Screw | F6-6111 up | 3 | |
| 21464 DX | 34 | Distributor Contact Spring with Holder, E4A-311 | | 1 | |
| | 14 | Screw, No. 5 - 40 x 5/16" | | 1 | |
| 21469 D | 35 | Distributor Shaft with Gear and Distributor | | 1 | |
| 21360 DX-6 | 36 | Distributor Shaft and Gear, Complete | | 1 | |
| 21353 D | 37 | Distributor Bearing Shim | | 3 | |
| E4A-358 | 38 | Frame Cover Screw, Short | F6- to | 2 | |
| 132119 | 38 | Frame Cover Screw, Short | F6- up | 2 | |
| | | Lockwasher, No. 10 | | 2 | |
| E4A-358 | 38 | Distributor Bearing Screw | F6- to | 2 | |
| | | Lockwasher, No. 10 (Cadmium Plated) | | 4 | |
| 132119 | 38 | Distributor Bearing Screw | F6- up | 2 | |
| | | Lockwasher, No. 10 | | 2 | |
| 21466 D | 39 | Distributor Bearing Shim | | 1 | |
| 21314 DX | 40 | Coil Core with 2 Slotted Screws, 13061 R1 | | | |
| | | No. 8 - 32 x 11/16" Flat Head | | 1 | |
| 21401 DAX | 40 | Coil, Complete | | 1 | |
| 56599 DX | 40 | Coil and Core, Complete with 2 Slotted Screws, 13061 R1 | | 1 | |
| 39556 D | 41 | Rotor Chamber Cover | F6-28573 to F6-38089 | 1 | |
| 36246 D | 42 | Magneto Impulse Coupling Rotating Member, Complete | | 1 | |
| 24609 D | 43 | Pawl Pin | | 1 | |
| E4A-353 | 44 | Rotor Shaft Bearing Retainer with Balls (ST 602 Will Work) | | 1 | |
| ST 602 | 44 | Rotor Shaft Bearing Retainer with Balls (IHC) | | | |
| | | (E4A-353 Will Work) | | 1 | |
| E4A-324 | 45 | Oil Flinger | | 1 | |
| E4A-305 | 46 | Rotor Shim, Light | | 1 | |
| E4-212 | 47 | Rotor Shim, Medium | | 1 | |
| E4A-372 | 48 | Rotor Shim, Heavy | | 1 | |
| 21340 D | 49 | Rotor Shaft Bearing Spacer | | 1 | |
| 33138 D | 50 | Rotor Pinion (40 Teeth) | F6-17323 up | 1 | |
| 21343 D | 51 | Breaker Cam Nut | | 1 | |
| 21468 D | 52 | Breaker Cam | | 1 | |
| 21342 D | 53 | Breaker Cam Key | | 1 | |
| 106749 | 54 | Rotor Shaft Key (Woodruff No. 3) | F6- up | 2 | |
| 4167 T | 54 | Rotor Shaft Key (Woodruff No. 3) | | 2 | |
| 21333 DX-6 | 55 | Rotor, Complete | | 1 | |

## INTERNATIONAL INDUCTOR TYPE MAGNETO, MODEL F-6 —Continued

| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D | |
|---|---|---|---|---|---|
| E4A-351 | 56 | Rotor Shaft Bearing Inner Race (ST 600 Will Work) | | 1 | |
| ST 600 | 56 | Rotor Shaft Bearing Inner Race (IHC) (E4A-351 Will Work) | | 1 | |
| E4A-352 | 57 | Rotor Shaft Bearing Outer Race (ST 601 Will Work) | | 1 | |
| ST 601 | 57 | Rotor Shaft Bearing Outer Race (IHC) (E4A-352 Will Work) | | 1 | |
| | | | | | |
| | | | | | |
| 30379 D | 58 | Felt Retainer, Inner | | 1 | |
| E4-226 | 59 | Bearing Felt | | 2 | |
| 30378 D | 60 | Felt Retainer, Outer | | 1 | |
| | | | | | |
| 21399 DX | 61 | Primary Leadout, Complete | | 1 | |
| 21331 D | 62 | Primary Leadout Shield | | 1 | |
| 21397 D | 63 | Primary Leadout Terminal Screw | F6- TO | 1 | |
| | | Lockwasher, No. 8 (Cadmium Plated) | | 1 | |
| 132760 | 63 | Primary Leadout Terminal Screw | F6- UP | 1 | |
| | | Lockwasher, No. 8 | | 1 | |
| | | | | | |
| 2546 DBYB | 64 | Magneto Frame, Complete (Will Work for 2546 DBYA) | | 1 | |
| 2546 DBYA | 64 | Magneto Frame, Complete (Will Work for 2546 DBYB) (Order 2546 DBYB) | | 1 | |
| 33150 D | 65 | Frame Ring | | 1 | |
| | 66 | Screw, No. 10 - 32 x 9/16" | | 3 | |
| 30114 D | 67 | Pawl Pin Snap Ring | | 2 | |
| | | | | | |
| 24610 D | 68 | Engaging Pawl Washer | | 2 | |
| 32711 D | 69 | Engaging Pawl | | 2 | |
| | | | | | |
| 32603 DAX | 70 | Magneto Member with Pins | | 1 | |
| 32712 D | 71 | Magneto Member with Pawls | | 1 | |
| | | | | | |
| 24605 D | 72 | Drive Spring | | 1 | |
| 24602 DA | 73 | Cam Member | | 1 | |
| 24603 D | 74 | Magneto Member Lockwasher | | 1 | |
| | 75 | Follows Reference No. 76 | | | |
| 24604 D | 76 | Impulse Coupling Nut | | 1 | |
| | 75 | Lockwasher, 1/2" (Cadmium Plated) | | 1 | |
| | 77 | Follows Reference No. 78 | | | |
| 5086 DX | 78 | Impulse Coupling Cover, Complete | | 1 | |
| | 77 | Screw, No. 8 - 32 x 5/8" | | 4 | |
| | | Lockwasher, No. 8 | | 4 | |
| 27311 D | 79 | Impulse Coupling Oiler | | 1 | |
| | | | | | |
| 120614 | 80 | Short Circuiting Screw Nut | F6- UP | 2 | |
| E4-267A | 80 | Short Circuiting Screw Nut | F6- TO | 2 | |
| E4-271 | 81 | Short Circuiting Screw Washer | | 1 | |
| 30037 D | 82 | Short Circuiting Screw Bushing | | 1 | |
| 3930 DX | 83 | Breaker Housing Cover, Complete | | 1 | |
| 32673 D | 84 | Magneto Timing Link | | 1 | |
| 31135 D | 85 | Short Circuiting Spring Insulator | | 1 | |
| 30036 D | 86 | Short Circuiting Terminal Insulator | | 1 | |
| 30035 D | 87 | Short Circuiting Spring | | 1 | |
| 30038 D | 88 | Short Circuiting Screw | TO | 1 | |
| | | Lockwasher, No. 10 (Cadmium Plated) | | 2 | |
| 132133 | 88 | Short Circuiting Screw | F6- UP | 1 | |
| | | Lockwasher, No. 10 | | 2 | |
| | | | | | |
| 21327 D | 89 | Breaker Cover Packing | | 1 | |

| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D |
|---|---|---|---|---|
| | | **INTERNATIONAL INDUCTOR TYPE MAGNETO, MODEL F-6 —Continued** | | |
| 21393 D | 90 | Stationary Point Support Screw | TO | 1 |
| 436692 | 90 | Stationary Point Support Screw | F6- UP | 1 |
| 21394 D | 91 | Stationary Point Support Washer | | 1 |
| 21388 DBX-1 | 92 | Stationary Point Support with Point, Complete | | 1 |
| 21373 DBY-1 | 93 | Breaker Arm, Assembly | | 1 |
| 21383 D | 94 | Cam Felt | | 1 |
| 21368 DBY-6 | 95 | Circuit Breaker Cup with Spring Anchor, Complete | | 1 |
| 25796 DA | 96 | Breaker, Complete | | 1 |
| 21329 DX | 97 | Breaker Cover Spring Post, Complete | | 1 |
| | 100 | Lockwasher, No. 10 | | 1 |
| 2548 DAY | 98 | Breaker Housing, Complete | | 1 |
| 21330 D | 99 | Felt Retainer (Breaker Cover Housing End) | | 1 |
| 21384 DXA | 101 | Spring Anchor with Felt, 21383 D | | 1 |
| 186566 | 102 | Breaker Housing Screw, Long | F6- UP | 1 |
| 21325 D | 102 | Breaker Housing Screw, Long | TO | 1 |
| 21441 D | 102 | Breaker Housing Screw, Short | TO | 1 |
| | | Lockwasher, No. 10 | | 1 |
| 132124 | 102 | Breaker Housing Screw, Short | F6- UP | 1 |
| | | Lockwasher, No. 10 | | 1 |
| 21443 DX | 103 | Breaker Stop, Complete | | 1 |
| 21444 D | 103 | Breaker Stop Gasket | | 1 |
| 28856 D | 104 | Magneto Timing Link Post | | 1 |
| | | Lockwasher, No. 10 (Cadmium Plated) | | 1 |
| 21372 D | | Tube of Magneto Grease | | 1 |
| 21438 DX-6 | | Breaker Point Gauge, Complete | TO | 1 |
| 21440 D | | Primary to Condenser Leadout Tube | TO | 1 |
| 58243 D | | Primary to Condenser Leadout Tube | F6- UP | 1 |
| 56673 D | | Coil End Insulator | | 2 |
| 57756 D | | Breaker Point Gauge, Complete | F6- UP | 1 |
| E4 -216 | | Front Bearing Oiler Felt | | 2 |
| E4-294 | | Rotor Shaft Bearing (ST 307 Will Work) | | 2 |
| E4A-311 | | Short Circuiting Spring Contact Holder | | 1 |
| E4A-468 | | Secondary Wire to Primary Secondary Connection Wire Insulation | TO | 3 |
| E4A-469 | | Secondary to Secondary Leadout Connection | TO | 1 |
| 13061 R1 | | Slotted Screw, 8-32 x 11/16" Flat Head (Cadmium Plated or Zinc Plated) Class B (IHC) Standard | | 2 |
| ST 307 | | Rotor Shaft Bearing (IHC) (E4-294 Will Work) | | 2 |



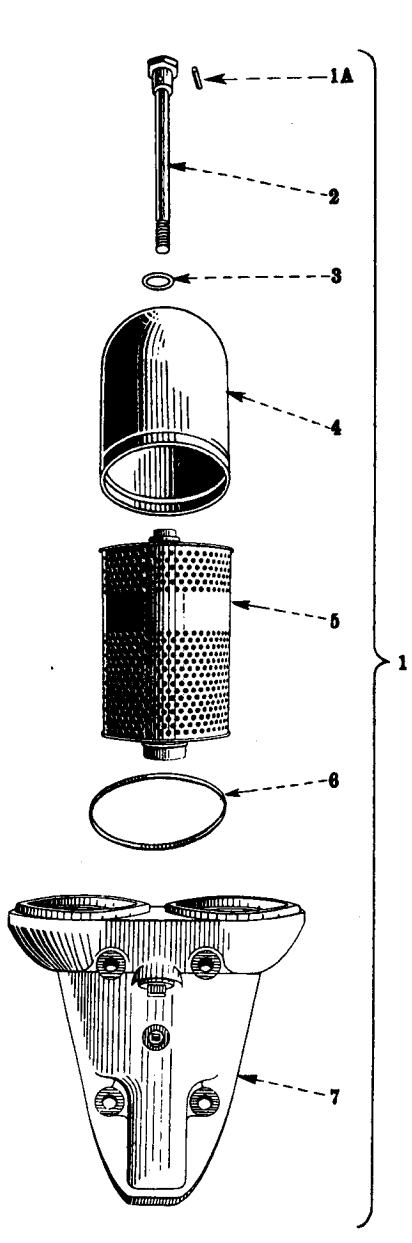

*Reference numbers only are shown in illustration. Use I H C part numbers in ordering.*
*Unnumbered parts in the illustrations are the same as corresponding parts shown with numbers.*

## FUEL AND LUBRICATING OIL FILTERS

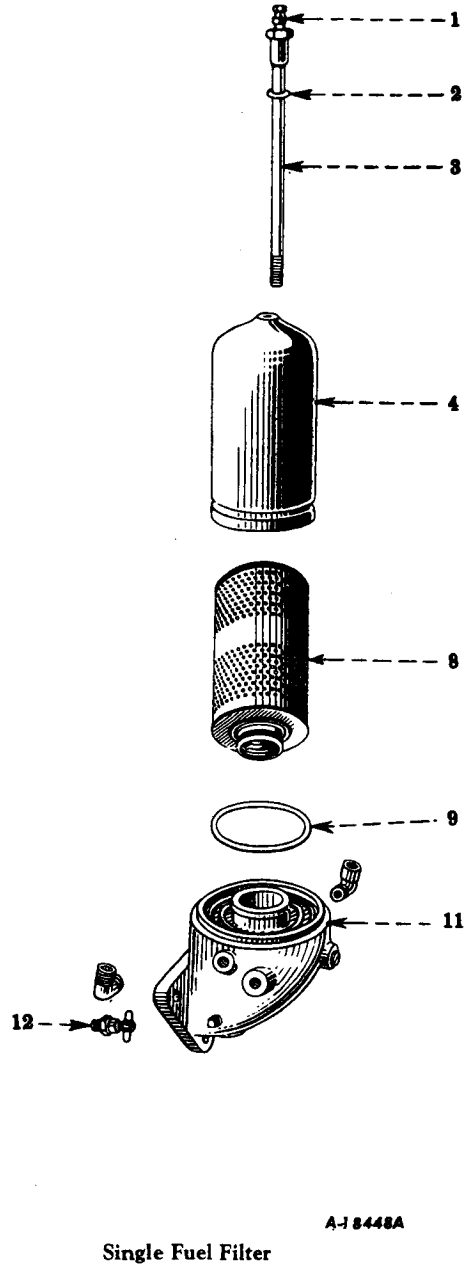
**For Engines Equipped with Bosch Fuel Injection Pump**
**(Engines TDRM 501 to 15000)**

| | | | | |
|---|---|---|---|---|
| 39677 D | 1 | Fuel Filter Bleeder | | 1 |
| 39577 DB | 2 | Fuel Filter Case Stud | TDRM 501 to 15000 | 1 |
| 259485 R91 | 2 | Fuel Filter Case Stud | TDRM UP | 1 |
| 13839 D | 3 | Fuel Filter Case Stud Gasket | | 1 |
| 28772 D | 4 | Fuel Filter Case | | 1 |
| 29501 DA | 5 | Fuel Filter Cloth Element (Order 259 492 R91) | TDRM 501 to 15000 | 1 |
| 259480 R91 | 5 | Fuel Filter Element | TDRM UP | 1 |
| 13841 D | 7 | Fuel Filter Case Gasket | | 1 |
| | | | | |
| | | | | |
| 5990 DAX | 8 | Filter Base with 2 Adapters, 41747 DX and Pipe Plug, 1/8" | | |
| | | (Headless - Slotted) with Gasket 42959 DA | | 1 |
| | | Pipe Plug, 3/8" (Headless - Countersunk) | | 1 |
| | | Cap Screw, 1/2 x 1-1/2" N.C. Hex. Head | | 2 |
| | | Cap Screw, 1/2 x 4-3/4" N.C. Hex. Head | | 2 |
| | | Lockwasher, 1/2" | | 4 |
| 5990 DX | 8 | Filter Base (Order 5990 DAX with Gasket 42959 DA) | | 1 |
| | | | | |

| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D | |
|---|---|---|---|---|---|
| | | **FUEL AND LUBRICATING OIL FILTERS—Continued** (For Engines Equipped with Bosch Fuel Injection Pump) | | | |
| 42356 D | 9 | Lubricating Oil Filter Case Cover | | 2 | |
| 42371 DA | 10 | Lubricating Oil Filter Case Cover Gasket | | 2 | |
| 42366 D | 11 | Lubricating Oil Filter Absorption Element | | | |
| | | (Order 50308 D) | | 2 | |
| 50308 D | 11 | Lubricating Oil Filter Absorption Element with Gasket | | | |
| | | (Will Work for 42366 D) | | 2 | |
| 50310 D | 11 | Set of 10 Lubricating Oil Filter Absorption Elements, | | | |
| | | 50308 D (Export) | | 1 | |
| 41747 DAX | 12 | Lubricating Oil Filter Retaining Bar and Adapters | | 2 | |
| 42369 DA | 13 | Lubricating Oil Filter Case Retaining Plate | | 2 | |
| 42372 D | 14 | Lubricating Oil Filter Case | | 2 | |
| 41746 D | 15 | Lubricating Oil Filter Case Gasket | | 2 | |
| 50410 DA | 16 | Filter Base Plug | | 1 | |
| 42368 D | 17 | Lubricating Oil Filter Drain Plug | | 2 | |
| 20523 D | 18 | Lubricating Oil Filter Drain Plug Gasket (Will Work for 42367 D) | | 2 | |
| 42367 D | 18 | Lubricating Oil Filter Drain Plug Gasket (Order 20523 D) | | 2 | |
| 41745 DAX | 19 | Lubricating Oil Filter Case and Element with Retaining | | | |
| | | Bar Adapter, Complete | | 2 | |
| 37165 D | 20 | Fuel Filter Inlet Pipe Nut | | 1 | |
| 37165 D | 20 | Fuel Filter Outlet Pipe Nut | | 1 | |
| 37323 D | 21 | Fuel Filter Inlet Pipe Elbow | | 1 | |
| 37323 D | 21 | Fuel Filter Outlet Pipe Elbow | | 1 | |
| 37323 DX | 21 | Fuel Filter Inlet Pipe Elbow with Nut, 37165 D | | 1 | |
| 37323 DX | 21 | Fuel Filter Outlet Pipe Elbow with Nut, 37165 D | | 1 | |
| 9982 T | 22 | Fuel Filter Drain Valve | | 1 | |
| 42959 DA | 23 | Filter Base Gasket | | 1 | |
| 28809 D | | Fuel Filter Metal Element (Order 259492 R91) | | 1 | |
| 259492 R91 | | Final Fuel Filter Case Stud and Element Package | | | |
| | | (Consists of Element, 259480 R91 and Stud, 259485 R91) | | | |
| | | (For Engines Equipped with Glass Water Trap) | TDRM 501 to 15000 | 1 | |




Lubricating Oil Filter




Single Fuel Filter

*Reference numbers only are shown in illustration. Use I H C part numbers in ordering.*

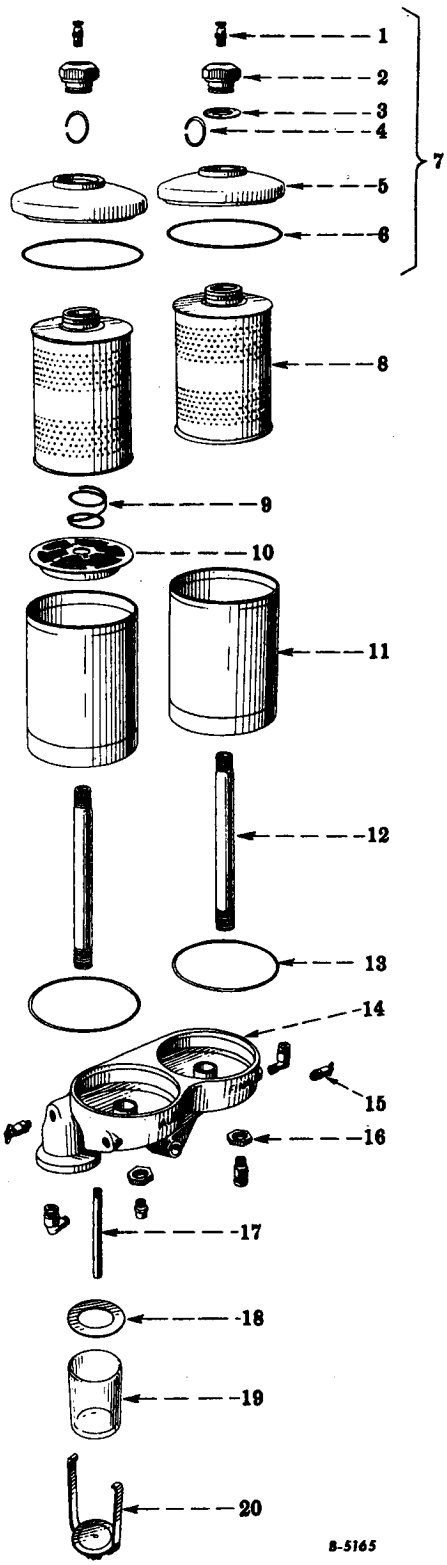
## SINGLE FUEL FILTER

**Engines TDRM 15001 up**

**(Not Used on Engines equipped with Dual Filter Service Package, 260910 R91)**

| | | | | | |
|---|---|---|---|---|---|
| 250700 R91 | | Fuel Filter, Complete (Order 259633 R91) | TDRM 15001 to 22317 | 1 | |
| 259633 R91 | | Fuel Filter, Complete (Will Work for 250700 R91) | TDRM 22318 up | 1 | |
| | | Cap Screw, 1/2 x 1-1/2" N.C. Hex Head | | 3 | |
| | | Lockwasher, 1/2" | | 3 | |
| | | | | | |
| 39677 D | 1 | Fuel Filter Bleeder | | 1 | |
| 13839 D | 2 | Fuel Filter Case Stud Gasket | | 1 | |
| 39577 DB | 3 | Fuel Filter Case Stud | TDRM 15001 to 22317 | 1 | |
| 259485 R91 | 3 | Fuel Filter Case Stud | TDRM 22318 up | 1 | |
| 28772 D | 4 | Fuel Filter Case | | 1 | |

| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D | |
|---|---|---|---|---|---|
| | | **SINGLE FUEL FILTER—Continued** **Engines TDRM 15001 up** | | | |
| 250702 R91 | 8 | Fuel Filter Element (Order 259490 R91 or 259492 R91) | TDRM 15001 to 22217 | 1 | |
| 259480 R91 | 8 | Fuel Filter Element | TDRM 22318 up | 1 | |
| 13841 D | 9 | Fuel Filter Case Gasket | | 1 | |
| 250701 R12 | 11 | Fuel Filter Base | | 1 | |
| | | Pipe Plug, 1/8" Slotted Headless | | 1 | |
| | | Pipe Plug, 1/4" Square Head | | 1 | |
| | | Pipe Plug, 1/4" Slotted Headless | | 1 | |
| 9982 T | 12 | Fuel Filter Drain Cock | | 1 | |
| 250704 R11 | | Fuel Filter Element Top Plate Seal Ring | TDRM 15001 to | 1 | |
| 250705 R1 | | Fuel Filter Element Top Plate with Seal Ring, 250704 R11 | TDRM 15001 to | 1 | |
| 250706 R1 | | Fuel Filter Element Spring | TDRM 22318 up | 1 | |
| 250712 R12 | | Fuel Filter Screen | TDRM 15001 to | 1 | |
| 259490 R91 | | Water Trap and Filter Element Package (For Engines Not Equipped with Glass Water Trap) (For List of Parts See Details of Assembly) | TDRM 15001 to | 1 | |
| 259492 R91 | | Final Fuel Filter Case Stud and Element Package (Consists of Element, 259480 R91 and Stud 259485 R91) (For Engines Equipped with Glass Water Trap) | TDRM 15001 to | 1 | |
| 260910 R91 | | Dual Fuel Filter Package (For List of Parts see Details of Assembly) | TDRM 15001 to | 1 | |
| | | **LUBRICATING OIL FILTER** **Engines TDRM 15001 up** | | | |
| 251415 R92 | 1 | Lubricating Oil Filter, Complete | | 1 | |
| | | Cap Screw, 1/2 x 4-3/4" N.C. Hex Head | | 2 | |
| | | Cap Screw, 1/2 x 1-1/2" N.C. Hex Head | | 2 | |
| | | Lockwasher, 1/2" | | 4 | |
| G 6579-1/2 | 1A | Lubricating Oil Filter Base Retaining Bar Pin | | 2 | |
| 46606 DX | 2 | Lubricating Oil Filter Retaining Bar with Bar Nut | | 2 | |
| 13839 D | 3 | Lubricating Oil Filter Retaining Bar Gasket | | 2 | |
| 13842 D | 4 | Lubricating Oil Filter Case | | 2 | |
| 63884 D | 5 | Lubricating Oil Filter Element (Order 257867 R91) | | 2 | |
| 257867 R91 | 5 | Lubricating Oil Filter Element (Will Work for 63884 D) | | 2 | |
| 13841 D | 6 | Lubricating Oil Filter Case Gasket | | 2 | |
| 251275 R11 | 7 | Lubricating Oil Filter Base | | 1 | |




## DUAL FUEL FILTER

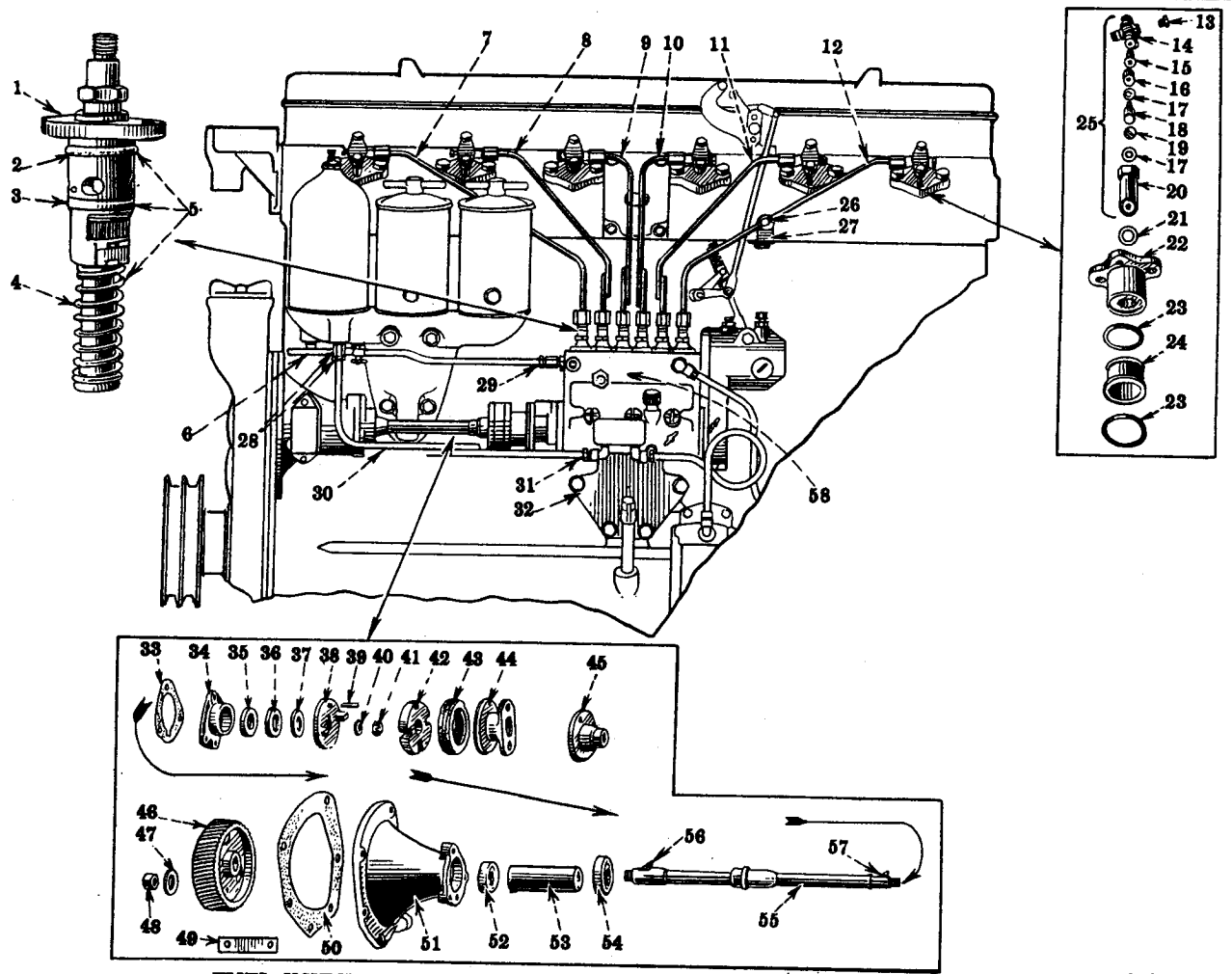
**(Used Only on Engines equipped with Dual Filter Service Package, 260910 R91)**

*Reference numbers only are shown in illustration. Use I H C part numbers in ordering.*

*Unnumbered parts in the illustrations are the same as corresponding parts shown with numbers.*

SEE FOLLOWING PAGE FOR LIST OF PARTS

| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D | |
|---|---|---|---|---|---|
| | | **DUAL FUEL FILTER** | | | |
| | | **(Used Only on Engines equipped with Dual Filter Service Package, 260910 R91)** | | | |
| | | **(See "Details of Assembly" for a complete list of parts of Service Package, 260910 R91)** | | | |
| 260712 R91 | | FUEL FILTER, COMPLETE | | 1 | |
| 39677 D | 1 | FUEL FILTER BLEEDER | | 1 | |
| 260703 R1 | 2 | FUEL FILTER COVER NUT | | 1 | |
| 260704 R1 | 3 | FUEL FILTER COVER NUT GASKET | | 1 | |
| 260705 R1 | 4 | FUEL FILTER COVER NUT RETAINING RING | | 1 | |
| 260702 R1 | 5 | FUEL FILTER CASE COVER | | 1 | |
| 260839 R1 | 6 | FUEL FILTER CASE COVER GASKET | | 1 | |
| 260702 R11 | 7 | FUEL FILTER CASE COVER, COMPLETE | | 1 | |
| 259480 R91 | 8 | FUEL FILTER ELEMENT | | 2 | |
| 260707 R1 | 9 | WATER SEPARATOR SCREEN SPRING | | 1 | |
| 260706 R91 | 10 | WATER SEPARATOR SCREEN | | 1 | |
| 260699 R1 | 11 | FUEL FILTER CASE | | 2 | |
| 260700 R1 | 12 | FUEL FILTER CASE | | 2 | |
| 260710 R1 | 13 | FUEL FILTER CASE SEAL RING | | 2 | |
| 260698 R1 | 14 | FUEL FILTER BASE | | 1 | |
| 9982 T | 15 | FUEL FILTER DRAIN COCK | | 2 | |
| 260701 R1 | 16 | FUEL FILTER CASE STUD LOCK NUT | | 1 | |
| 260709 R1 | 17 | WATER TRAP DRAIN PIPE | | 1 | |
| 260708 R1 | 18 | WATER TRAP BOWL GASKET | | 1 | |
| 60877 D | 19 | WATER TRAP GLASS | | 1 | |
| 60878 DX | 20 | WATER TRAP BAIL | | 1 | |




A-10488

**FUEL INJECTION PUMP DRIVE, INJECTION PIPES AND NOZZLES**
**Engines TDRM 501 to 825; Also TDRM 835**

*Reference numbers only are shown in illustration. Use I H C part numbers in ordering.*
*Unnumbered parts in the illustrations are the same as corresponding parts shown with numbers.*

**TIMKEN FUEL INJECTION PUMP**
**Engines TDRM 501 to 825; also TDRM 835**

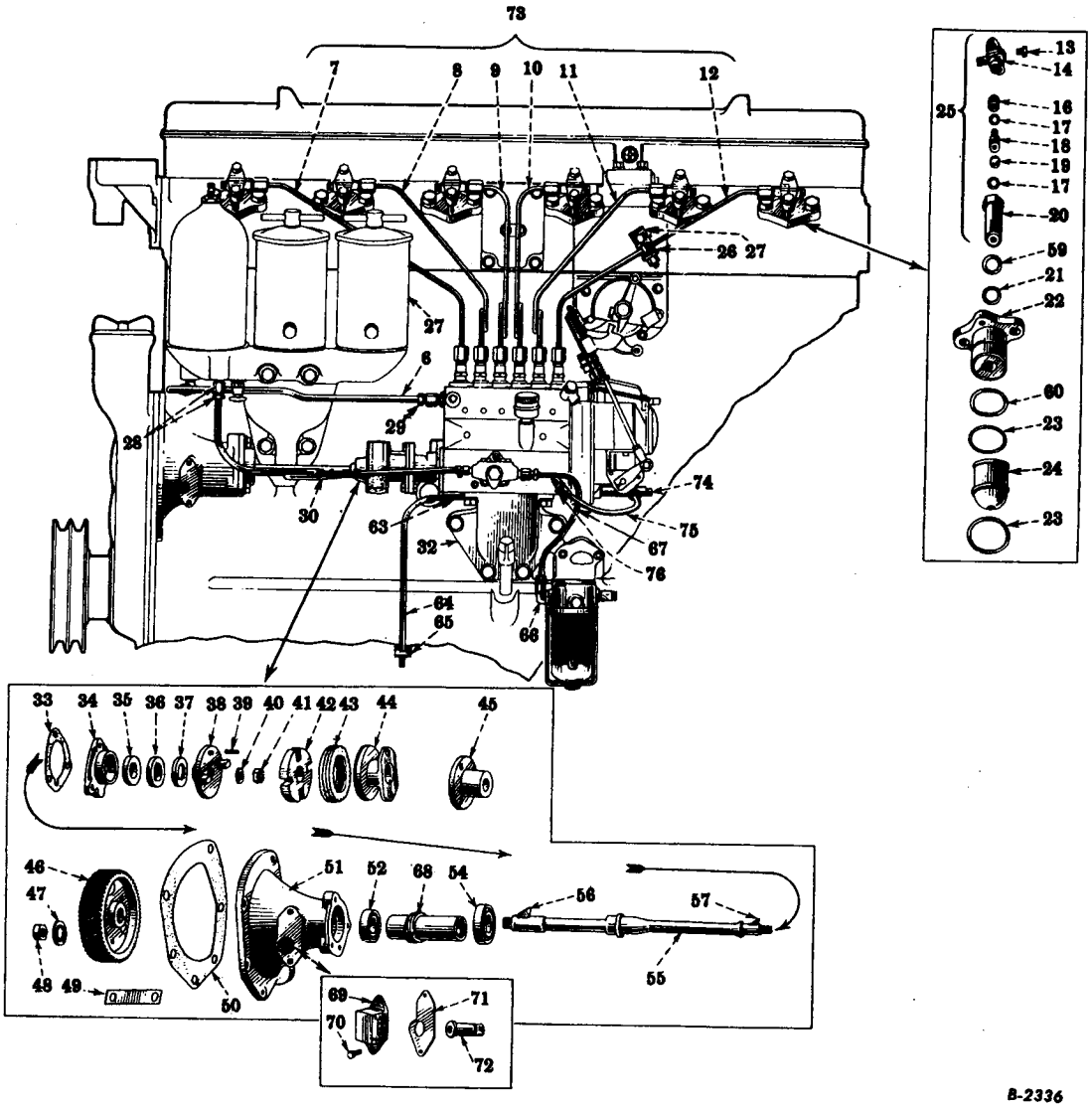
| | | | | |
|---|---|---|---|---|
| 46 384 DA | 1 | Renewable Pumping Unit | 6 | |
| 47 087 D | 2 | Unit Sleeve Gasket, Upper | 6 | |
| 47 088 D | 3 | Unit Sleeve Gasket, Lower | 6 | |
| 47 081 DA | 4 | Tappet Spring | 6 | |
| 47 081 DAX | 5 | Tappet Spring with Gaskets, 47 087 D and 47 088 D | 6 | |
| 51 464 D | 5 | Set of Six Springs with Gaskets, 47 081 DAX | 1 | |
| | | | | |
| | | NOTE - We recommend the installation of package 68 961 D on Timken | | |
| | | Injection Pumps requiring service beyond the parts listed above. | | |
| | | | | |
| 43 288 DBX | 58 | Injection Pump, Complete (Timken Model A-6) | 1 | |
| | | Cap Screw, 3/8 x 7/8" N.C. Hex Head | 4 | |
| | | Lockwasher, 3/8" | 4 | |
| | | | | |
| 55 517 D | | Bosch Injection Pump Field Change Package (Changing Timken Pump to Bosch "A" | | |
| | | Type Pump) (Order 68 961 D) | 1 | |
| 68 961 D | | Bosch "K" Type Fuel Injection Pump Field Change Package, Changing Timken | | |
| | | Pump 43 288 DBX or Bosch Field Change Package 55 517 D | | |
| | | (Timken Pump to Bosch "K" Type Pump) | 1 | |

# DIESEL ENGINE

## FUEL INJECTION PUMP PIPES AND CONNECTIONS

**Engines TDRM 501 to 825; also TDRM 835**

| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D |
|---|---|---|---|---|
| 42 797 DAX | 6 | Fuel Filter to Injection Pump Pipe with 2 Nuts, 37 165 D | | 1 |
| 42 945 DAX | 7 | Injection Pipe, Complete (No. 1 Cylinder) | | 1 |
| 42 947 DAX | 8 | Injection Pipe, Complete (No. 2 Cylinder) | | 1 |
| 42 949 DAX | 9 | Injection Pipe, Complete (No. 3 Cylinder) | | 1 |
| 42 950 DAX | 10 | Injection Pipe, Complete (No. 4 Cylinder) | | 1 |
| 42 948 DAX | 11 | Injection Pipe, Complete (No. 5 Cylinder) | | 1 |
| 42 946 DAX | 12 | Injection Pipe, Complete (No. 6 Cylinder) | | 1 |
| | 13 to 25 | See Fuel Injection Nozzles | | |
| 27 927 DA | 26 | Injection Pipe Brace Washer | | 2 |
| 42 799 D | 27 | Injection Pipe Clip | | 2 |
| | | Cap Screw, 3/8 x 3/4" N.C. Hex Head | | 2 |
| | | Lockwasher, 3/8" | | 2 |
| 38 026 DM | 28 | Fuel Pipe Connector | | 4 |
| 38 026 DMX | 28 | Fuel Pipe Connector with Nut, 37 165 D | | 4 |
| 37 165 D | 29 | Fuel Pipe Nut | | 4 |
| 42 798 DX | 30 | Fuel Supply Pump to Filter Pipe with 2 Nuts, 37 165 D | TDRM 501 to 615 | 1 |
| 49 667 DX | 30 | Fuel Supply Pump to Filter Pipe with 2 Nuts, 37 165 D | TDRM 616 to 825, also 835 | 1 |
| 46 691 D | 31 | Injection Pump Outlet Elbow | TDRM 501 to 615 | 1 |
| 5 004 DA | 32 | Injection Pump Bracket | | 1 |
| | | Cap Screw, 1/2 x 1-1/2" N.C. Hex Head | | 4 |
| | | Lockwasher, 1/2" | | 4 |
| | 33 to 57 | See Fuel Injection Pump Drive and Hour Meter | | |
| | 58 | See Timken Fuel Injection Pump | | |




B-2336

## FUEL INJECTION PUMP DRIVE, HOUR METER, INJECTION PIPES AND NOZZLES

**Engines TDRM 826 to 4661; not TDRM 835, 4314 or 4512**

*Unnumbered parts in the illustrations are the same as corresponding parts shown with numbers.*

*Reference numbers only are shown in illustration. Use I H C part numbers in ordering.*

### FUEL INJECTION PUMP PIPES AND CONNECTIONS

**(For Engines Equipped with Bosch Fuel Injection Pump)**

| | | | | |
|---|---|---|---|---|
| 49 712 DX | 6 | Fuel Filter to Injection Pump Pipe with | | |
| | | 2 Nuts, 37 165 D | TDRM 826 to 1235, Not 835 | 1 |
| 42 797 DAX | 6 | Fuel Filter to Injection Pump Pipe with | | |
| | | 2 Nuts, 37 165 D | TDRM 1236 to 4661, Not 4314 or 4512 | 1 |
| 43 221 DAX | 7 | Injection Pipe, Complete (No. 1 Cylinder) | TDRM 826 to 1235, Not 835 | 1 |
| 54 911 DX | 7 | Injection Pipe, Complete (No. 1 Cylinder) | TDRM 1236 to 4661, Not 4314 or 4512 | 1 |
| 43 222 DAX | 8 | Injection Pipe, Complete (No. 2 Cylinder) | TDRM 826 to 1235, Not 835 | 1 |
| 54 912 DX | 8 | Injection Pipe, Complete (No. 2 Cylinder) | TDRM 1236 to 4661, Not 4314 or 4512 | 1 |
| 43 223 DAX | 9 | Injection Pipe, Complete (No. 3 Cylinder) | TDRM 826 to 1235, Not 835 | 1 |
| 54 913 DX | 9 | Injection Pipe, Complete (No. 3 Cylinder) | TDRM 1236 to 4661, Not 4314 or 4512 | 1 |
| 43 224 DAX | 10 | Injection Pipe, Complete (No. 4 Cylinder) | TDRM 826 to 1235, Not 835 | 1 |
| 54 914 DX | 10 | Injection Pipe, Complete (No. 4 Cylinder) | TDRM 1236 to 4661, Not 4314 or 4512 | 1 |
| 43 225 DAX | 11 | Injection Pipe, Complete (No. 5 Cylinder) | TDRM 826 to 1235, Not 835 | 1 |

## FUEL INJECTION PUMP PIPES AND CONNECTIONS—Continued

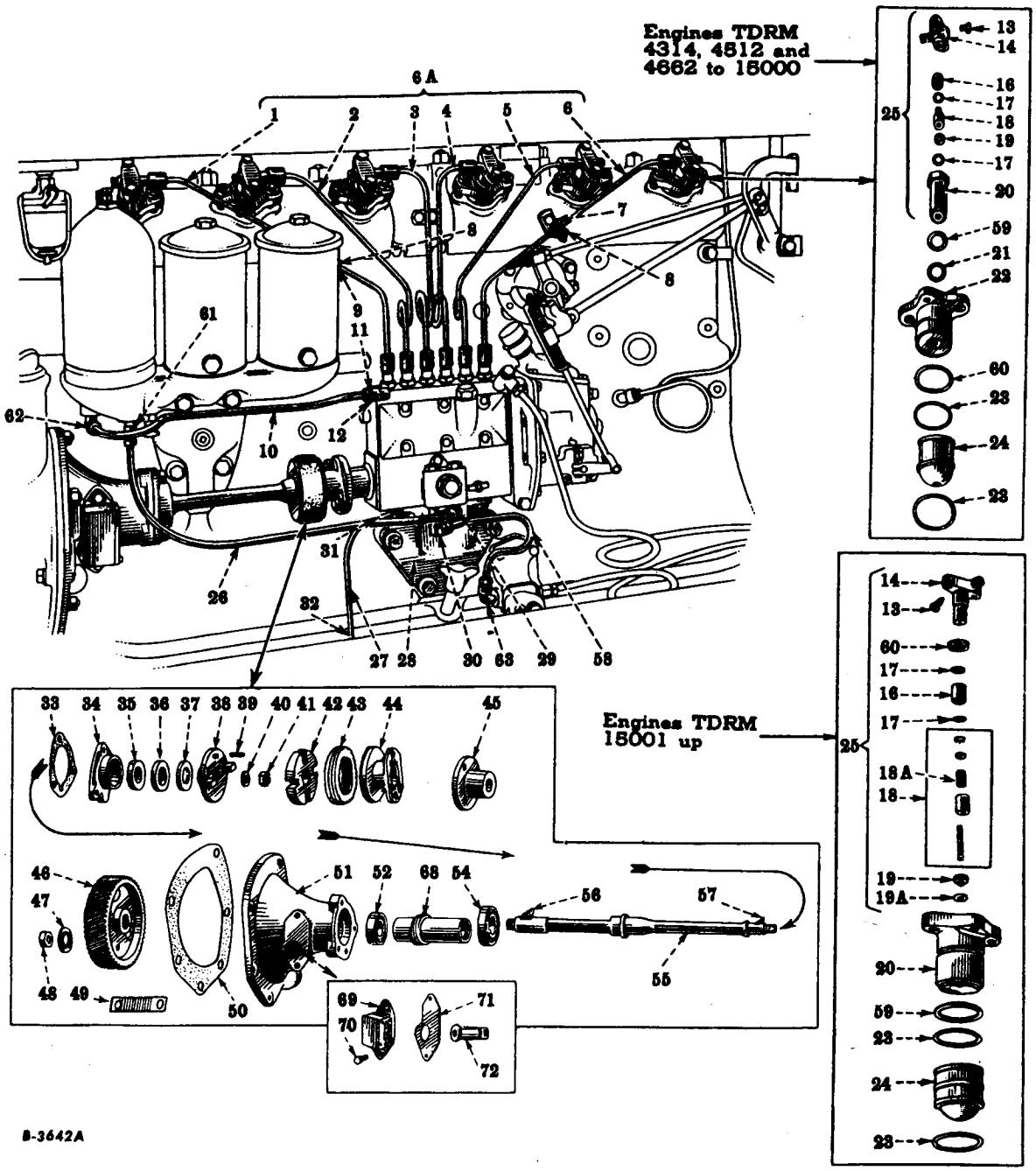
**For Engines Equipped with Bosch Fuel Injection Pump**

| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D |
|---|---|---|---|---|
| 54 915 DX | 11 | Injection Pipe, Complete (No. 5 Cylinder) | TDRM 1236 to 4661, Not 4314 or 4512 | 1 |
| 43 226 DAX | 12 | Injection Pipe, Complete (No. 6 Cylinder) | TDRM 826 to 1235, Not 835 | 1 |
| 54 916 DX | 12 | Injection Pipe, Complete (No. 6 Cylinder) | TDRM 1236 to 4661, Not 4314 or 4512 | 1 |
| | 13 to 25 | See Fuel Injection Nozzles | | |
| 27 927 DA | 26 | Injection Pipe Brace Washer | | 2 |
| 42 799 D | 27 | Injection Pipe Clip | TDRM 826 to 1526, Not 835 | 2 |
| | | Cap Screw, 3/8 x 3/4" N.C. Hex Head | | 2 |
| | | Lockwasher, 3/8" | | 2 |
| 42 799 D | 27 | Injection Pipe Clip, Front | TDRM 1527 to 4661, Not 4314 or 4512 | 1 |
| | | Cap Screw, 3/8 x 3/4" N.C. Hex Head | | 1 |
| | | Lockwasher, 3/8" | | 1 |
| 56 617 D | 27 | Injection Pipe Clip, Rear | TDRM 1527 to 4661, Not 4314 or 4512 | 1 |
| | | Cap Screw, 3/8 x 3/4" N.C. Hex Head | | 1 |
| | | Lockwasher, 3/8" | | 1 |
| 38 026 DM | 28 | Fuel Pipe Connector | | 4 |
| 38 026 DMX | 28 | Fuel Pipe Connector with Nut, 37 165 D | | 4 |
| 37 165 D | 29 | Fuel Pipe Nut | TDRM 826 to 4661, Not 4314 or 4512 | 6 |
| 49 711 DAX | 30 | Fuel Supply Pump to Filter Pipe with | | |
| | | 2 Nuts, 37 165 D | TDRM 826 to 1235, Not 835 | 1 |
| 54 917 DX | 30 | Fuel Supply Pump to Filter Pipe with | | |
| | | 2 Nuts, 37 165 D | TDRM 1236 to 4661, Not 4314 or 4512 | 1 |
| 5 004 DA | 32 | Injection Pump Bracket | TDRM 826 to 1235, Not 835 | 1 |
| | | Cap Screw, 1/2 x 1-1/2" N.C. Hex Head | | 4 |
| | | Lockwasher, 1/2" | | 4 |
| 5 986 D | 32 | Injection Pump Bracket | TDRM 1236 to 4661, Not 4314 or 4512 | 1 |
| | | Cap Screw, 1/2 x 1-1/2" N.C. Hex Head | | 4 |
| | | Lockwasher, 1/2" | | 4 |
| | 33 to 57 | See Fuel Injection Pump Drive and Hour Meter | | |
| | 59,60 | See Fuel Injection Nozzles | | |
| 50 608 D | 63 | Injection Pump Overflow Pipe Clip, Upper | TDRM 1957 to 2250 | |
| | | | TDRM 2336 to 4661, Not 4314 or 4512 | 1 |
| 50 980 D | 64 | Injection Pump Overflow Pipe (Order 50 980 DBY) | TDRM 826 to 1235, Not 835 | 1 |
| 50 980 DBX | 64 | Injection Pump Overflow Pipe with | | |
| | | Nut, 29 898 D | TDRM 826 to 1235, Not 835 | 1 |
| 50 980 DBY | 64 | Injection Pump Overflow Pipe, 50 980 DAX with | | |
| | | Clip, 52 128 D (Will Work for 50 980 D) | TDRM 826 to 1235, Not 835 | 1 |
| 54 928 DAX | 64 | Injection Pump Overflow Pipe with Nuts, | | |
| | | 56120 D | TDRM 1236 to 4661, Not 4314 or 4512 | 1 |
| 50 979 D | 65 | Injection Pump Overflow Pipe Clip | TDRM 826 to 1235, Not 835 | 1 |
| | | Washer, 3/4" O.D. x 13/32" I.D. x No. 16 Ga. (Q 1 597) | | 1 |

## FUEL INJECTION PUMP PIPES AND CONNECTIONS—Continued

**(For Engines Equipped with Bosch Fuel Injection Pump)**

| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D |
|---|---|---|---|---|
| 52 128 D | 65 | Injection Pump Overflow Pipe Clip (Lower) | TDRM 1236 to 4661, Not 4314 or 4512 | 1 |
| | | Washer, 3/4" O.D. x 13/32" I.D. x No. 16 Ga. (Q 1 597) | | 1 |
| 37 323 D | 66 | Water Trap Outlet Elbow | TDRM 1714 to 4661, Not 4314 or 4512 | 1 |
| 37 323 DX | 66 | Water Trap Outlet Elbow with Nut, 37 165 D | TDRM 1714 to 4661, Not 4314 or 4512 | 1 |
| 55 869 DX | 67 | Primary Pump Inlet Pipe with 2 Nuts, 37 165 D | TDRM 1714 to 4661, Not 4314 or 4512 | 1 |
| | 68 to 72 | See Fuel Injection Pump Drive and Hour Meter | | |
| 54 910 D | 73 | Set of Six Injection Pipes, Complete | TDRM 1236 to 4661, Not 4314 or 4512 | 1 |
| 60 745 D | 74 | Governor Drain Tee | TDRM 2346 to 4661, Not 4314 or 4512 | 1 |
| 60 743 D | 75 | Oil Level Equalizing Tube | TDRM 2346 to 4661, Not 4314 or 4512 | 1 |
| 60 746 D | 76 | Injection Pump Oil Level Fitting | TDRM 2346 to 4661, Not 4314 or 4512 | 1 |
| 29 898 D | | Injection Pump Overflow Pipe Nut | TDRM 826 to 1235, Not 835 | 1 |
| 56 120 D | | Injection Pump Overflow Pipe | TDRM 1236 to 4661, Not 4314 or 4512 | 1 |




## FUEL INJECTION PUMP DRIVE, HOUR METER, INJECTION PIPES AND NOZZLES

**Engines TDRM 826 Up; Not TDRM 835**

**(For Engines Equipped with Bosch Fuel Injection Pump)**

*Reference numbers only are shown in illustration. Use I H C part numbers in ordering.*
*Unnumbered parts in the illustrations are the same as corresponding parts shown with numbers.*

# DIESEL ENGINE

## FUEL INJECTION PUMP PIPES AND CONNECTIONS

**(For Engines Equipped with Bosch Fuel Injection Pump)**

| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D |
|---|---|---|---|---|
| 54911 DX | 1 | Injection Pipe, Complete (No. 1 Cylinder) | TDRM 1236 to 15000 | 1 |
| 251080 R12 | 1 | Injection Pipe, Cylinder No. 1 | TDRM 15001 up | 1 |
| | | Hex Nut, 5/16" N.F. | | 1 |
| | | Lockwasher, 5/16" | | 1 |
| 54912 DX | 2 | Injection Pipe with 2 Nuts and 2 Washers | | |
| | | (No. 2 Cylinder) | TDRM 1236 to 15000 | 1 |
| 251082 R12 | 2 | Injection Pipe, Cylinder No. 2 with 2 Pipe Nuts | | |
| | | and 2 Sleeves | TDRM 15001 up | 1 |
| 54913 DX | 3 | Injection Pipe with 2 Nuts and 2 Washers | | |
| | | (No. 3 Cylinder) | TDRM 1236 to 15000 | 1 |
| 251084 R12 | 3 | Injection Pipe, Cylinder No. 3 with 2 Pipe Nuts | | |
| | | and 2 Sleeves | TDRM 15001 up | 1 |
| 54914 DX | 4 | Injection Pipe with 2 Nuts and 2 Washers | | |
| | | (No. 4 Cylinder) | TDRM 1236 to 15000 | 1 |
| 251085 R12 | 4 | Injection Pipe, Cylinder No. 4 with 2 Pipe Nuts | | |
| | | and 2 Sleeves | TDRM 15001 up | 1 |
| 54915 DX | 5 | Injection Pipe with 2 Nuts and 2 Washers | | |
| | | (No. 5 Cylinder) | TDRM 1236 to 15000 | 1 |
| 251083 R12 | 5 | Injection Pipe, Cylinder No. 5 with 2 Pipe Nuts | | |
| | | and 2 Sleeves | TDRM 15001 up | 1 |
| 54916 DX | 6 | Injection Pipe, Complete (No. 6 Cylinder) | TDRM 1236 to 15000 | 1 |
| 251081 R12 | 6 | Injection Pipe, Cylinder No. 6 with 2 Pipe Nuts | | |
| | | and 2 Sleeves | TDRM 15001 up | 1 |
| | | | | |
| 54910 D | 6A | Set of Fuel Injection Pipes (54911 DX, 54912 DX, | | |
| | | 54913 DX, 54914 DX, 54915 DX and 54916 DX) | TDRM 1236 to 15000 | 1 |
| 251086 R91 | 6A | Set of Six Fuel Injection Pipes (251080 R11, | | |
| | | 251082 R11, 251084 R11, 251085 R11, 251083 R11 | | |
| | | and 251081 R11) | TDRM 15001 up | 1 |
| | | | | |
| 56617 DA | 7 | Injection Pipe Clip, Rear | TDRM 1527 up | 1 |
| | | Cap Screw, 3/8 x 3/4" N.C. Hex Head | | 1 |
| | | Lockwasher, 3/8" | | 1 |
| 27927 DA | 8 | Injection Pipe Brace Washer | | 2 |
| | | Hex Nut, 5/16" N.F. | | 2 |
| | | Lockwasher, 5/16" | | 2 |
| 42799 D | 9 | Injection Pipe Clip, Front | TDRM 1527 to 15000 | 1 |
| | | Cap Screw, 3/8 x 3/4" N.C. Hex Head | | 1 |
| | | Lockwasher, 3/8" | | 1 |
| | | | | |
| 61406 DX | 10 | Fuel Filter Outlet Pipe with 2 Nuts, 37165 D | | |
| | | (Not Lubricating Oil Filter Shut-off) | TDRM 4662 to 15000 | 1 |
| 251577 R1 | 10 | Fuel Filter to Injection Pump Pipe with 2 Nuts, | | |
| | | 37165 D | TDRM 15001 up | 1 |
| | | | | |
| 29898 D | 11 | Injection Pump Overflow Pipe Coupling Nut | TDRM 4662 up, also 4314 and 4512 | 1 |
| 37165 D | 11 | Pipe Coupling Nut (For all Pipes Except Injection | | |
| | | Pump Overflow Pipe and Injection Pipes) | TDRM 4662 up | 10 |
| | | | | |
| 37323 DX | 12 | Fuel Pipe Elbow with Coupling Nut, 37165 D | TDRM 4662 up, also 4314 and 4512 | 1 |
| | | | | |
| | 13 to 25 | See Fuel Injection Nozzles | | |

| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D |
|---|---|---|---|---|

## FUEL INJECTION PUMP PIPES AND CONNECTIONS — Continued

**For Engines Equipped with Bosch Fuel Injection Pump**

| | | | | |
|---|---|---|---|---|
| 61405 DX | 26 | Fuel Filter Inlet Pipe with 2 Nuts, 37165 D | TDRM 4662 to 15000 not 4314 or 4512 | 1 |
| 251576 R11 | 26 | Primary Pump to Fuel Filter Pipe | TDRM 15001 up | 1 |
| 61407 DX | 27 | Injection Pump Overflow Pipe with Nut, 29898 D | TDRM 4662 up | 1 |
| 5986 D | 28 | Injection Pump Bracket | TDRM 1236 to 15000 | 1 |
| | | Cap Screw, 1/2 x -1/4" N.C. Hex Head | | 4 |
| | | Lockwasher, 1/2" | | 4 |
| 254417 R3 | 28 | Injection Pump Bracket (Order 254418 R3) | TDRM 15001 to 22334 | 1 |
| | | Cap Screw, 1/2 x 1-3/4" N.C. Hex Head | | 3 |
| | | Cap Screw, 1/2 x 1-1/4" N.C. Hex Head | | 1 |
| | | Cap Screw, 1/2 x 2-1/2" N.C. Hex Head | | 1 |
| | | Cap Screw, 1/2 x 1-3/4" N.C. Hex Head | | 2 |
| | | Cap Screw, 1/2 x 1-1/2" N.C. Hex Head | | 3 |
| 254418 R3 | 28 | Injection Pump Bracket (Will Work for 254417 R2) | TDRM 22335 up | 1 |
| | | | | |
| 37323 D | 29 | Fuel Filter Inlet Pipe Elbow | | |
| | | (At Injection Pump) | TDRM 4662 up, also 4314 and 4512 | 1 |
| 37323 DX | 29 | Fuel Filter Inlet Pipe Elbow with Nut, 37165 D | | |
| | | (At Injection Pump) | TDRM 4662 up, also 4314 and 4512 | 1 |
| | | | | |
| 50607 D | 30 | Primary Pump Inlet Pipe Elbow | | |
| | | (At Injection Pump) | TDRM 4662 to 15000, also 4314 and 4512 | 1 |
| 50607 DX | 30 | Primary Pump Inlet Pipe Elbow with Nut, 37165 D | | |
| | | (At Injection Pump) | TDRM 4662 to 15000, also 4314 and 4512 | 1 |
| 37323 D | 30 | Primary Pump Inlet Pipe Elbow | TDRM 15001 up | 1 |
| 37323 DX | 30 | Primary Pump Inlet Pipe Elbow with Nut, 37165 D | TDRM 15001 up | 1 |
| | | | | |
| 64121 D | 31 | Injection Pump Overflow Pipe Clip, Upper | TDRM 4662 up, also 4314 and 4512 | 1 |
| 52128 D | 32 | Injection Pump Overflow Pipe Clip, Lower | TDRM 1236 up | 1 |
| | | Washer, 13/32" I.D. x 3/4" O.D. x No. 16 Ga. (Q 1597) | | 1 |
| | | | | |
| | 33 to 57 | See Fuel Injection Pump Drive and Hour Meter | | |
| | | | | |
| 61404 DX | 58 | Primary Pump Inlet Pipe with (1) Nut, 37165 D | | |
| | | | TDRM 4662 to 15000, also 4314 and 4512 | 1 |
| 254419 R11 | 58 | Water Trap to Primary Pump Pipe with 2 Nuts, 37165 D | | |
| | | | TDRM 15001 up | 1 |
| | 59, 60 | See Fuel Injection Nozzles | | |
| | | | | |
| 37323 DX | 61 | Primary Pump to Fuel Filter Pipe Elbow with Nut, | | |
| | | 37165 D | TDRM 15001 up | 1 |
| 38026 DMX | 61 | Fuel Supply Pump to Filter Connector with Nut, 37165 D | | 1 |
| 37165 D | 61 | Primary Pump Inlet Pipe Nut | TDRM 4662 up, also 4314 and 4512 | 1 |
| 37323 D | 62 | Filter to Injection Pump Elbow with Nut, 37165 D | | 1 |
| 37323 D | 63 | Primary Pump Inlet Pipe Elbow | TDRM 4662 up, also 4314 and 4512 | 1 |
| 37323 DX | 63 | Primary Pump Inlet Pipe Elbow with Nut, 37165 D | TDRM 4662 up | 1 |
| 38026 DMX | 63 | Primary Pump Connector (Water Trap End) | TDRM 15001 up | 1 |
| | | | | |
| | 68 to 72 | See Fuel Injection Pump Drive and Hour Meter | | |
| | | | | |
| 250610 R2 | | Injection Pipe Sleeve | | 12 |
| 250617 R1 | | Injection Pipe Nut | | 12 |

| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D | |
|---|---|---|---|---|---|

## FUEL INJECTION PUMP PIPES AND CONNECTIONS

**(For Engines Equipped with IH Fuel Injection Pump) (TDRM 15001 up)**

| | | | | | |
|---|---|---|---|---|---|
| 22510 D | | Fuel Filter Outlet Pipe Elbow | | 1 | |
| 27927 DA | | Injection Pipe Brace Washer | | 1 | |
| 37323 DX | | Fuel Filter Inlet Pipe Elbow with Coupling Nut 37165 D | | 1 | |
| 37323 DX | | Injection Pump Breather Inlet Pipe Elbow with Coupling Nut, 37165 D | | 1 | |
| 250610 R2 | | Injection Pipe Sleeve | | 12 | |
| 250617 R1 | | Injection Pipe Unit, Nozzle End | | 6 | |
| 251050 R1 | | Injection Pipe Nut, Pump End | | 6 | |
| 254411 R12 | | Injection Pipe, Cylinder 1 and 6, Complete | | 2 | |
| | | Hex Nut, 5/16" N.F. | | 2 | |
| | | Lockwasher, 5/16" | | 2 | |
| 254412 R12 | | Injection Pipe, Cylinder No. 2 Complete | | 1 | |
| 254413 R12 | | Injection Pipe, Cylinder No. 3 Complete | | 1 | |
| 254414 R12 | | Injection Pipe, Cylinder No. 4 Complete | | 1 | |
| 254415 R12 | | Injection Pipe, Cylinder No. 5 Complete | | 1 | |
| 254416 R1 | | Injection Pipe Brace | | 2 | |
| | | Cap Screw, 3/8 x 3/4" N.C. Hex Head | | 2 | |
| | | Lockwasher, 3/8" | | 2 | |
| 254422 R11 | | Fuel Filter Outlet Pipe with 2 Outlet Pipe Nuts, 22508 D. and 2 Outlet Pipe Nipples, 22509 D. | | 1 | |
| 254423 R11 | | Injection Pump Breather Pipe with 2 Coupling Nuts, 37165 D | | 1 | |
| 254424 R1 | | Injection Pump Breather Pipe Clip | | 1 | |
| | | Cap Screw, 1/2 x 3/4" N.C. Hex Head | | 1 | |
| | | Screw, 1/4 x 3/8" N.C. Round Head | | 1 | |
| | | Nut, 1/4" N.C. Square Head | | 1 | |
| | | Lockwasher, 1/4" | | 1 | |
| | | Lockwasher, 1/2" | | 1 | |
| 22508 D | | Fuel Filter Outlet Pipe Nut | | 2 | |
| 22509 D | | Fuel Filter Outlet Pipe Nipple | | 2 | |
| 254451 R91 | | Set of Six Injection Pipes (254411 R11 Cylinder 1 and 6, 254412 R11 Cylinder 2, 254413 R11 Cylinder 3, 254414 R11 Cylinder 4, and 255415 R11 Cylinder 5) | | 1 | |
| 9982 T | | Fuel Filter Drain Cock | | 1 | |
| 250610 R2 | | Injection Pipe Sleeve | | 12 | |
| 250617 R1 | | Injection Pipe Nut, Nozzle End | | 6 | |
| 251050 R1 | | Injection Pipe Nut, Pump End | | 6 | |

| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D |
|---|---|---|---|---|
| | | **FUEL INJECTION NOZZLES** (For Engines Equipped with Bosch Fuel Injection Pump) | | |
| 32 493 D | 13 | Nozzle Bleeder Valve | | 6 |
| 42 768 D | 14 | Nozzle Fitting | TDRM 501 to 1168 | 6 |
| 52 612 D | 14 | Nozzle Fitting | TDRM 1169 to 15000 | 6 |
| | | Cap Screw, 3/8 x 2" N.F. Hex Head | | 12 |
| 250 607 R21 | 14 | Nozzle Fitting with Dust Seal, 250 608 R1 | TDRM 15001 up | 6 |
| 25 332 DC | 15 | Nozzle Jet Filter | TDRM 501 to 1168 | 6 |
| 37 150 D | 16 | Nozzle Valve Spacer | | 6 |
| 37 148 D | 17 | Nozzle Valve Gasket | TDRM 501 to 1168 | 12 |
| 37 148 D | 17 | Nozzle Valve Gasket | TDRM 1169 up | 18 |
| 37 152 DA | 18 | Nozzle Valve and Spring, Complete | | 6 |
| 37 146 DA | 18A | Nozzle Spring | | 6 |
| 258 052 R1 | 19 | Nozzle Injector Plate (Will Work for 43 192 DB and 42 766 D) | | |
| | | | TDRM 501 to 15000 | 6 |
| 43 192 DB | 19 | Nozzle Injector Plate (Order 258 052 R1) | TDRM 501 to 15000 | 6 |
| 250 604 R1 | 19 | Nozzle Injector Plate | TDRM 15001 up | 6 |
| 250 605 R1 | 19A | Nozzle Injector Plate Gasket | TDRM 15001 up | 6 |
| 42 766 DA | 20 | Nozzle Body (Will Work for 42 766 D) | TDRM 501 to 15000 | 6 |
| 251 043 R11 | 20 | Nozzle Body with Nozzle Fitting Dust Seal, 250 608 R1 | | |
| | | and Nozzle Body Dust Seal, 251 044 R1 | TDRM 15001 up | 6 |
| 42 766 D | 20 | Nozzle Body (Order 42 766 DA and 258 052 R1) | TDRM 501 to 15000 | 6 |
| 42 767 D | 21 | Nozzle Body Gasket | TDRM 501 to 15000 | 6 |
| 42 765 D | 22 | Nozzle Body Retainer (Order 42 765 DAX) | TDRM 501 to 2605 | 6 |
| 42 765 DA | 22 | Nozzle Body Retainer | TDRM 2606 to 15000 | 6 |
| 42 765 DAX | 22 | Nozzle Body Retainer with Dust Seals, 61 208 D and | | |
| | | 61 209 D (Will Work for 42 765 D) | TDRM 501 to 2605 | 6 |
| 251 042 R1 | 23 | Pre-Combustion Chamber Gasket | TDRM 15001 up | 12 |
| 43 002 D | 23 | Gasket Pre-Combustion Chamber | | 6 |
| 43 001 D | 24 | Pre-Combustion Chamber | TDRM 501 to 1235 | 6 |
| 53 616 D | 24 | Pre-Combustion Chamber | TDRM 1236 to 1443 | 6 |
| 56 291 D | 24 | Pre-Combustion Chamber | TDRM 1444 to 15000 | 6 |
| 251 041 R1 | 24 | Pre-Combustion Chamber | TDRM 15001 up | 6 |
| 251 079 R92 | 25 | Injection Nozzle, Complete | TDRM 15001 up | 6 |
| 45 207 D | 25 | Injection Nozzle, Complete | TDRM 501 to 1168 | 6 |
| 52 613 D | 25 | Injection Nozzle, Complete | TDRM 1169 up | 6 |
| | | Cap Screw, 3/8 x 2" N.F. Hex Head | | 12 |
| 251 044 R1 | 59 | Nozzle Body Dust Seal | TDRM 15001 up | 6 |
| 61 208 D | 59 | Nozzle Body Dust Seal | TDRM 2606 to 15000 | 6 |
| 61 209 D | 60 | Nozzle Body Retainer Dust Seal | TDRM 2606 to 15000 | 6 |
| 250 608 R1 | 60 | Nozzle Fitting Dust Seal | TDRM 15001 up | 6 |
| 31 121 D | | Nozzle Body Stud Nut | TDRM 15001 up | 12 |
| 61 207 D | | Injection Nozzle Field Improvement Package (To be used | | |
| | | where Dust Conditions Cause Nozzle Body and Retainer | | |
| | | Hard to Remove) | TDRM 501 to 2605 | 1 |

## FUEL INJECTION NOZZLES

**(For Engines Equipped with IH Fuel Injection Pump) (TDRM 15001 up)**

| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D |
|---|---|---|---|---|
| 250607 R21 | 14 | Nozzle Fitting with Dust Seal, 250608 R1 | | 6 |
| 32493 D | 13 | Nozzle Bleeder Valve | | 6 |
| 250608 R1 | * 60 | Nozzle Fitting Dust Seal | | 6 |
| 37148 D | 17 | Nozzle Valve Gasket | | 12 |
| 37150 D | 16 | Nozzle Valve Spacer | | 6 |
| 37152 D | 18 | Nozzle Valve and Spring, Complete | | 6 |
| 37146 DA | 18A | Nozzle Spring | | 6 |
| 250604 R1 | 19 | Nozzle Injector Plate | | 6 |
| 250605 R1 | 19A | Nozzle Injector Plate Gasket | | 6 |
| 251043 R11 | 20 | Nozzle Body with Nozzle Fitting Dust Seal, 250608 R1 and Nozzle Body Dust Seal, 251044 R1 | | 6 |
| 251044 R1 | 59 | Nozzle Body Dust Seal | | 6 |
| 251042 R1 | 23 | Pre-Combustion Chamber Gasket | | 12 |
| 251041 R1 | 24 | Pre-Combustion Chamber | | 6 |
| 251079 R92 | 25 | Injection Nozzle, Complete | | 6 |

(Note - For Illustration of Injection Nozzle See Page 70)

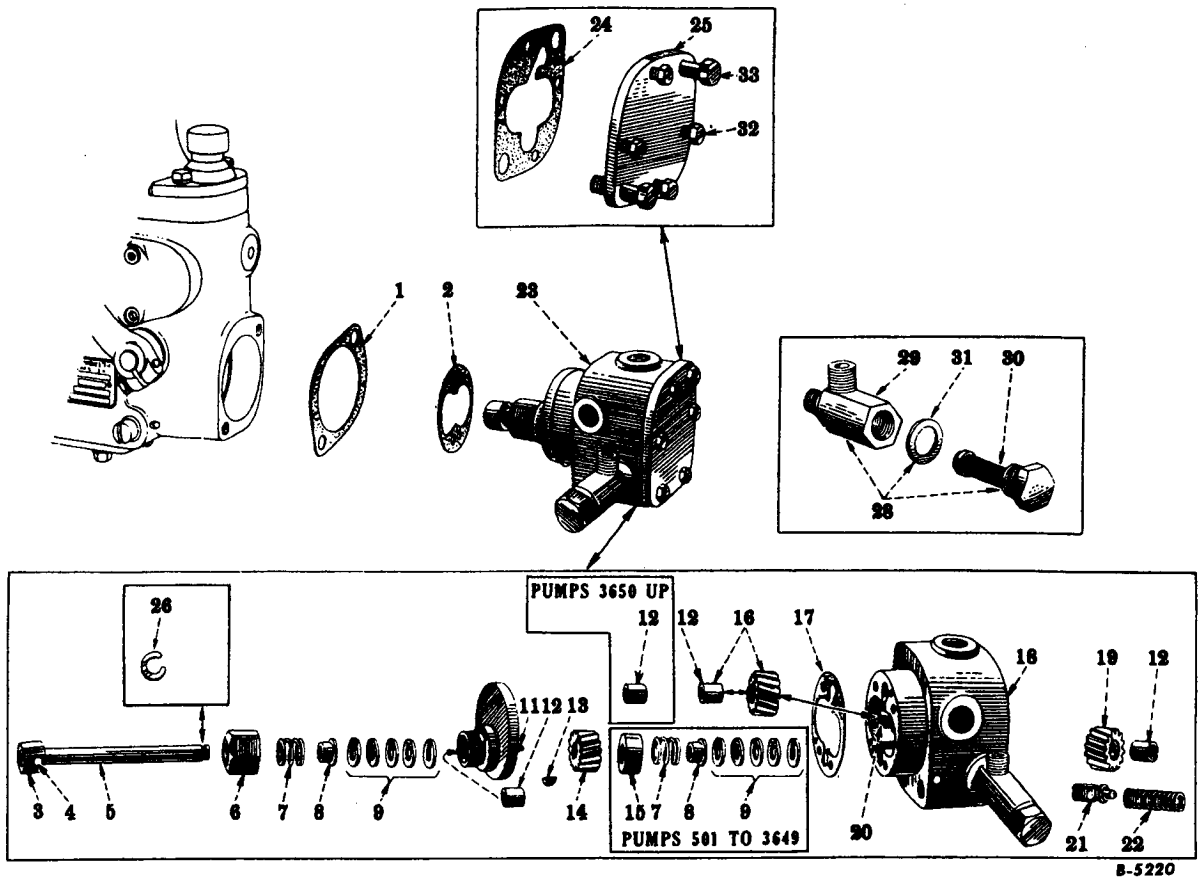
| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D | |
|---|---|---|---|---|---|
| | | **FUEL INJECTION PUMP DRIVE AND HOUR METER** (For Engines Equipped with Bosch Fuel Injection Pump) | | | |
| 32 342 DB | 33 | Injection Pump Drive Housing Cap Gasket | | 1 | |
| 5 006 DAX | 34 | Injection Pump Drive Shaft Housing Cap with Retainer, | | | |
| | | 32 343 D, Felt, 32 362 D and Oil Seal, 12 480 L | | 1 | |
| | | Cap Screw, 3/8 x 1-1/4" N.C. Hex Head | | 3 | |
| | | Lockwasher, 3/8" | | 3 | |
| 12 480 L | 35 | Injection Pump Drive Oil Seal | | 1 | |
| 32 362 D | 36 | Injection Pump Drive Felt | | 1 | |
| 32 343 D | 37 | Injection Pump Drive Felt Retainer | | 1 | |
| 32 346 DAX | 38 | Injection Pump Drive Shaft Flange with Pin, G 3 836 | | 1 | |
| G 3 836 | 39 | Injection Pump Drive Shaft Dowel Pin | | 1 | |
| 32 347 D | 40 | Injection Pump Drive Shaft Washer | | 1 | |
| | 41 | Follows Reference No. 55 | | | |
| 31 439 DB | 42 | Timing Coupling Spacer | | 1 | |
| 31 441 D | 43 | Injection Pump Drive Coupling Boot | | 1 | |
| 33 275 D | 44 | Timing Coupling Adjuster | | 1 | |
| | | Cap Screw, 3/8 x 5/8" N.F. Hex Head | | 2 | |
| | | Lockwasher, 3/8" | | 2 | |
| 42 796 D | 45 | Injection Pump Drive Flange | TDRM 501 to 825, also 835 | 1 | |
| | | Cap Screw, 3/8 x 9/16" N.F. Hex Head | | 2 | |
| | | Lockwasher, 3/8" | | 2 | |
| 51 897 D | 45 | Injection Pump Drive Flange | TDRM 826 to 1235, Not 835 | 1 | |
| | | Cap Screw, 3/8 x 9/16" N.F. Hex Head | | 2 | |
| | | Lockwasher, 3/8" | | 2 | |
| 54 909 D | 45 | Injection Pump Drive Flange | TDRM 1236 up | 1 | |
| | | Cap Screw, 3/8 x 9/16" N.F. Hex Head | | 2 | |
| | | Lockwasher, 3/8" | | 2 | |
| 25 362 D | 46 | Injection Pump Drive Shaft Gear, 54 Teeth | | 1 | |
| 25 354 D | 47 | Injection Pump Drive Shaft Gear Nut Lock | | 1 | |
| | 48 | Follows Reference No. 55 | | | |
| 32 341 D | 49 | Injection Pump Drive Housing Bolt Lock | | 1 | |
| 32 340 DB | 50 | Injection Pump Drive Housing Gasket | | 1 | |
| 5 005 DAX | 51 | Injection Pump Drive Housing with Plug, 13 806 D | TDRM 501 to 15000 | 1 | |
| | | Cap Screw, 1/2 x 1" N.C. Hex Head | | 2 | |
| | | Cap Screw, 1/2 x 1-3/4" N.C. Hex Head | | 1 | |
| | | Cap Screw, 1/2 x 1-7/8" N.F. Hex Head | | 2 | |
| | | Cap Screw, 1/2 x 3-3/4" N.F. Hex Head | | 1 | |
| | | Hex Nut, 1/2" N.F. | | 3 | |
| | | Lockwasher, 1/2" | | 4 | |
| 5 005 DA | 51 | Injection Pump Drive Housing | TDRM 15001 up | 1 | |
| | | Cap Screw, 1/2 x 1" N.C. Hex Head | | 2 | |
| | | Cap Screw, 1/2 x 1-3/4" N.C. Hex Head | | 1 | |
| | | Cap Screw, 1/2 x 1-7/8" N.F. Hex Head | | 2 | |
| | | Cap Screw, 1/2 x 3-3/4" N.F. Hex Head | | 1 | |
| | | Hex Nut, 1/2" N.F. | | 3 | |
| | | Lockwasher, 1/2" | | 4 | |

| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D |
|---|---|---|---|---|
| | | **FUEL INJECTION PUMP DRIVE AND HOUR METER—Continued** (For Engines Equipped with Bosch Fuel Injection Pump) | | |
| 10 701 DA | 52 | Injection Pump Drive Ball Bearing, Front (ND 7505) | | |
| | | (ST 208 Will Work) | | 1 |
| ST 208 A | 52 | Injection Pump Drive Ball Bearing (Front) (IHC) | | |
| | | (10 701 DA Will Work) | | 1 |
| 32 344 D | 53 | Injection Pump Drive Shaft Spacer | TDRM 501 to 809 | 1 |
| 32 344 D | 53 | Injection Pump Drive Shaft Spacer | TDRM 809 up | 1 |
| 23 874 D | 54 | Injection Pump Drive Ball Bearing, Rear (ND 3206) | | |
| | | (ST 213 Will Work) | | 1 |
| ST 213 | 54 | Injection Pump Drive Ball Bearing, Rear (IHC) | | |
| | | (23 874 D Will Work) | | 1 |
| 32 345 D | 55 | Injection Pump Drive Shaft | | 1 |
| | 41 | Hex Nut, 1/2" N.F. (Slotted) | | 1 |
| | 48 | Hex Nut, 3/4" N.F. | | 1 |
| | | Cotter Pin, 3/32 x 7/8" | | 1 |
| 4 710 D | 56 | Injection Pump Drive Shaft Key (Woodruff No. 15) | TDRM 501 to 15000 | 1 |
| 113 782 | 56 | Injector Pump Drive Shaft Key (Woodruff No. 15) | TDRM 15001 up | 1 |
| 7 220 T | 57 | Injection Pump Drive Shaft Key (Woodruff No. 9) | TDRM 501 to 15000 | 1 |
| 106 751 | 57 | Injector Pump Drive Shaft Key (Woodruff No. 9) | TDRM 15001 up | 1 |
| 49 453 DX | 68 | Hour Meter Drive Gear (5 Teeth) with Spacer | TDRM 810 up | 1 |
| 49 455 DX | 68 | Hour Meter Drive Gear (4 Teeth) with Spacer | | |
| | | (⊛ Scraper Modification Euclid - 1) | | 1 |
| 49 450 DA | 69 | Hour Meter | TDRM 810 up | 1 |
| 23 086 D | 70 | Hour Meter Cap Screw | TDRM 810 up | 2 |
| | | Lockwasher, 1/4" | | 2 |
| 49 451 DA | 71 | Hour Meter Gasket | TDRM 810 up | 1 |
| 49 454 D | 72 | Hour Meter Driven Gear, (18 Teeth) | TDRM 810 up | 1 |
| 49 456 D | 72 | Hour Meter Driven Gear, (17 Teeth) | | |
| | | (⊛ Scraper Modification Euclid - 1) | | 1 |
| 12 736 | | Hour Meter Seal | | 1 |
| 13 806 D | | Injection Pump Drive Housing Hour Meter Pad | | |
| | | Expansion Plug, 1-1/4" | TDRM 810 to 15000 | 1 |
| | | ⊛ - For Tabulation of Modification see Introduction Page | | |

# DIESEL ENGINE

| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D | |
|---|---|---|---|---|---|
| | | **FUEL INJECTION PUMP DRIVE AND HOUR METER** (For Engines TDRM 15001 up Equipped with IH Fuel Injection Pump) | | | |
| 5 005 DX | | Injection Pump Drive Housing | | 1 | |
| | | Cap Screw, 1/2 x 1" N.C. Hex Head | | 2 | |
| | | Cap Screw, 1/2 x 1-3/4" N.C. Hex Head | | 1 | |
| | | Cap Screw, 1/2 x 1-7/8" N.C. Hex Head | | 2 | |
| | | Cap Screw, 1/2 x 3-3/4" N.F. Hex Head | | 1 | |
| | | Hex Nut, 1/2" N.F. | | 3 | |
| | | Lockwasher, 1/2" | | 4 | |
| | | Expansion Plug, 1-1/4" | | 1 | |
| 5 006 DAX | | Injection Pump Drive Shaft Housing Cap with Retainer, | | | |
| | | 32 343 D, Felt, 32 362 D and Oil Seal, 12 840 L | | 1 | |
| | | Cap Screw, 3/8 x 1-1/4" N.C. Hex Head | | 3 | |
| | | Lockwasher, 3/8" | | 3 | |
| 10 701 DA | | Injection Pump Drive Bearing, Front (Will Work for ST 208 A) | | 1 | |
| 12 736 D | | Hour Meter Seal | | 1 | |
| 23 086 D | | Hour Meter Cap Screw | | 2 | |
| | | Lockwasher, 1/4" | | 2 | |
| 23 874 D | | Injection Pump Drive Bearing, Rear (Will Work for ST 213) | | 1 | |
| 25 354 D | | Injection Pump Drive Gear Nut Lock | | 1 | |
| 25 362 D | | Injection Pump Drive Gear, 54 Teeth | | 1 | |
| 31 439 DB | | Timing Coupling Spacer | | 1 | |
| 31 441 D | | Injection Pump Drive Coupling Boot | | 1 | |
| 32 340 DB | | Injection Pump Drive Housing Gasket | | 1 | |
| 32 341 D | | Injection Pump Drive Housing Screw Lock | | 1 | |
| 32 342 DB | | Injection Pump Drive Housing Cap Gasket | | 1 | |
| 32 343 D | | Injection Pump Drive Felt Retainer | | 1 | |
| 32 345 D | | Injection Pump Drive Shaft | | 1 | |
| | | Hex Nut, 1/2" N.F. | | 1 | |
| | | Hex Nut, 3/4" N.F. | | 1 | |
| | | Cotter Pin, 3/32 x 7/8" | | 1 | |

| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D |
|---|---|---|---|---|
| | | **FUEL INJECTION PUMP DRIVE AND HOUR METER—Continued** (For Engines TDRM 15001 up Equipped with IH Fuel Injection Pump) | | |
| 32 347 D | | Injection Pump Drive Shaft Washer | | 1 |
| 32 362 D | | Injection Pump Drive Felt | | 1 |
| 33 275 D | | Timing Coupling Adjuster | | 1 |
| | | Cap Screw, 3/8 x 5/8" N.F. Hex Head | | 2 |
| | | Lockwasher, 3/8" | | 2 |
| 49 450 DA | | Hour Meter | | 1 |
| 49 451 DA | | Hour Meter Gasket | | 1 |
| 49 453 DX | | Hour Meter Drive Gear 5 Teeth with Spacer | | 1 |
| 49 454 D | | Hour Meter Driven Gear 18 Teeth | | 1 |
| G 3 836 | | Injection Pump Drive Shaft Dowel Pin | | 1 |
| 12 480 L | | Injection Pump Drive Oil Seal | | 1 |
| 254 240 R3 | | Injection Pump Drive Flange | | 1 |
| 254 421 R11 | | Injection Pump Drive Shaft Flange with Dowel Pin, G 3 836 | | 1 |
| ST 208 A | | Injection Pump Drive Bearing, Front (10 701 DA Will Work) | | 1 |
| ST 213 | | Injection Pump Drive Bearing, Rear (23 874 D Will Work) | | 1 |
| 106 751 | | Injection Pump Drive Shaft Key (Woodruff No. 9) | | 1 |
| 113 782 | | Injection Pump Drive Shaft Key (Woodruff No. 15) | | 1 |




*Reference numbers only are shown in illustration. Use I H C part numbers in ordering.*
*Unnumbered parts in the illustrations are the same as corresponding parts shown with numbers.*

## IH TWIN PLUNGER FUEL INJECTION PUMP

| | | | | |
|---|---|---|---|---|
| 253 703 R91 | | Fuel Injection Pump, Complete | 1 | |
| | | Cap Screw, 1/2 x 1-3/4" N.C. Hex Head | 4 | |
| | | Lockwasher, 1/2" | 4 | |

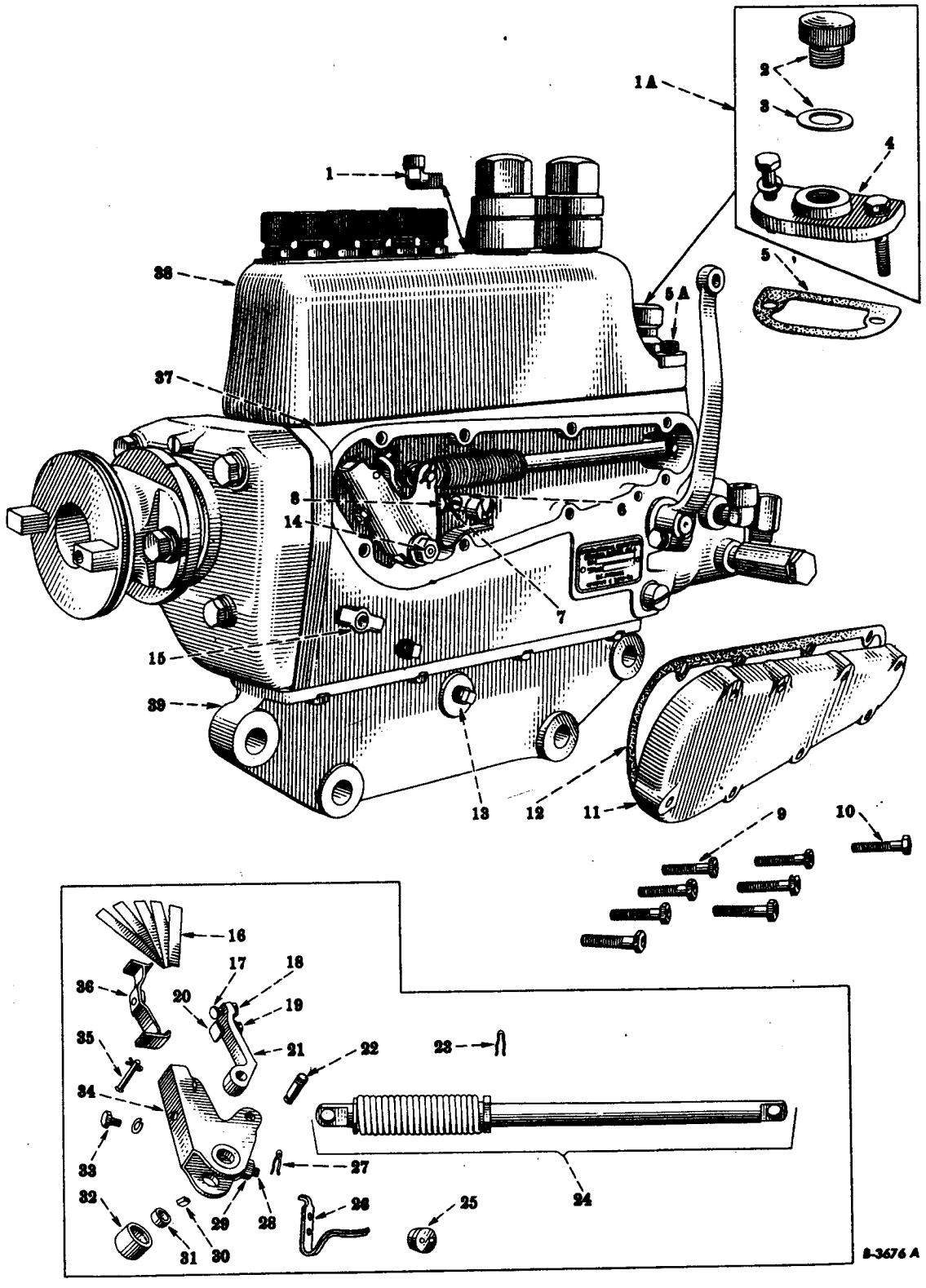
## PRIMARY PUMP

| | | | | |
|---|---|---|---|---|
| 59 729 DC | 1 | Primary Pump Housing Gasket | 1 | |
| 59 746 DB | 2 | Primary Pump Bearing Cage Gasket | 1 | |
| 59 736 D | 3 | Primary Pump Shaft Coupling | 1 | |
| 61 927 D | 4 | Primary Pump Shaft Coupling Rivet | 1 | |
| 59 733 DBX | 5 | Primary Pump Shaft with Coupling, 59 736 D and Rivet, 61 927 D | 1 | |

## PRIMARY PUMP—Continued

| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D |
|---|---|---|---|---|
| 59 740 D | 6 | PRIMARY PUMP PACKING SPRING NUT | | 1 |
| 59 739 D | 7 | PRIMARY PUMP PACKING SPRING (PUMPS 501 TO 3649 REQUIRE 2 EACH) | PUMPS 3650 UP | 1 |
| 59 738 D | 8 | PRIMARY PUMP PACKING GLAND (PUMPS 501 TO 3649 REQUIRE 2 EACH) | PUMPS 3650 UP | 1 |
| 59 737 D | 9 | PRIMARY PUMP PACKING (PUMPS 501 TO 3649 REQUIRE 2 EACH) | PUMPS 3650 UP | 1 |
| 59 609 D | 11 | PRIMARY PUMP BEARING CAGE BOWEL | | 2 |
| 59 730 DA | 12 | PRIMARY PUMP BUSHING (PUMPS 501 TO 3649 REQUIRE 4 EACH) | PUMPS 3650 UP | 5 |
| 64 060 D | 13 | PRIMARY PUMP SHAFT KEY | | 2 |
| 59 743 DA | 14 | SCAVENGING PUMP DRIVE GEAR | | 1 |
| 59 750 D | 15 | PRIMARY PUMP PACKING RETAINER (PUMPS 501 TO 3649 REQUIRE 2 EACH) | PUMPS 3650 UP | 1 |
| 59 742 DX | 16 | PRIMARY PUMP IDLER GEAR WITH BUSHING, 59 730 DA | | 2 |
| 59 744 D | 17 | PRIMARY PUMP SCAVENGING GEAR GASKET (.006") | | X |
| 64 871 D | 17 | PRIMARY PUMP SCAVENGING GEAR GASKET (.004") | | X |
| 8 974 DXA | 18 | PRIMARY PUMP HOUSING, COMPLETE (WILL WORK FOR 59661 DX) | PUMPS 501 TO 3649 | 1 |
| 250 999 R11 | 18 | PRIMARY PUMP HOUSING, COMPLETE (WILL WORK FOR 59 661 DX) | PUMPS 3650 UP | 1 |
| 59 741 DB | 19 | PRIMARY PUMP PRESSURE GEAR | | 1 |
| 59 751 D | 20 | PRIMARY PUMP IDLER GEAR SHAFT | | 1 |
| 59 661 DX | 21 | PRIMARY PUMP BY-PASS VALVE (ORDER 8 974 DXA) | PUMPS 501 TO 3649 | 1 |
| 59 661 DX | 21 | PRIMARY PUMP BY-PASS VALVE (ORDER 250 999 R11) | PUMPS 3650 UP | 1 |
| 67 918 D | 22 | PRIMARY PUMP BY-PASS VALVE SPRING | | 1 |
| 66 108 DC | 23 | PRIMARY PUMP UNIT, COMPLETE | PUMPS 501 TO 3649 | 1 |
| 251 000 R91 | 23 | PRIMARY PUMP UNIT, COMPLETE | PUMPS 3650 UP | 1 |
| 59 732 D | 24 | PRIMARY PUMP HOUSING COVER GASKET (.006") | | X |
| 64 870 D | 24 | PRIMARY PUMP HOUSING COVER GASKET (.004") | | X |
| 9 708 D | 25 | PRIMARY PUMP HOUSING COVER | | 1 |
| 68 389 D | 25 | PRIMARY PUMP HOUSING COVER AND SCREWS, COMPLETE | | 1 |
| 65 210 D | 26 | PRIMARY PUMP SHAFT SNAP RING | | 1 |
| 67 922 DA | 28 | PRIMARY PUMP FILTER, COMPLETE | | 1 |
| 250 339 R11 | 29 | PRIMARY PUMP FILTER BODY | | 1 |
| 67 924 D | 30 | PRIMARY PUMP FILTER SCREEN | | 1 |
| 67 919 D | 31 | PRIMARY PUMP FILTER GASKET | | 1 |
| 68 388 D | 32 | PRIMARY PUMP HOUSING COVER SCREW | | 4 |
| 66 002 D | 33 | PRIMARY PUMP SCREW | | 2 |

X - AS REQUIRED




**GOVERNOR SPRING, TORQUE CONTROL PUMP HOUSING COVER AND OIL FILLER**

*Reference numbers only are shown in illustration. Use I H C part numbers in ordering.*

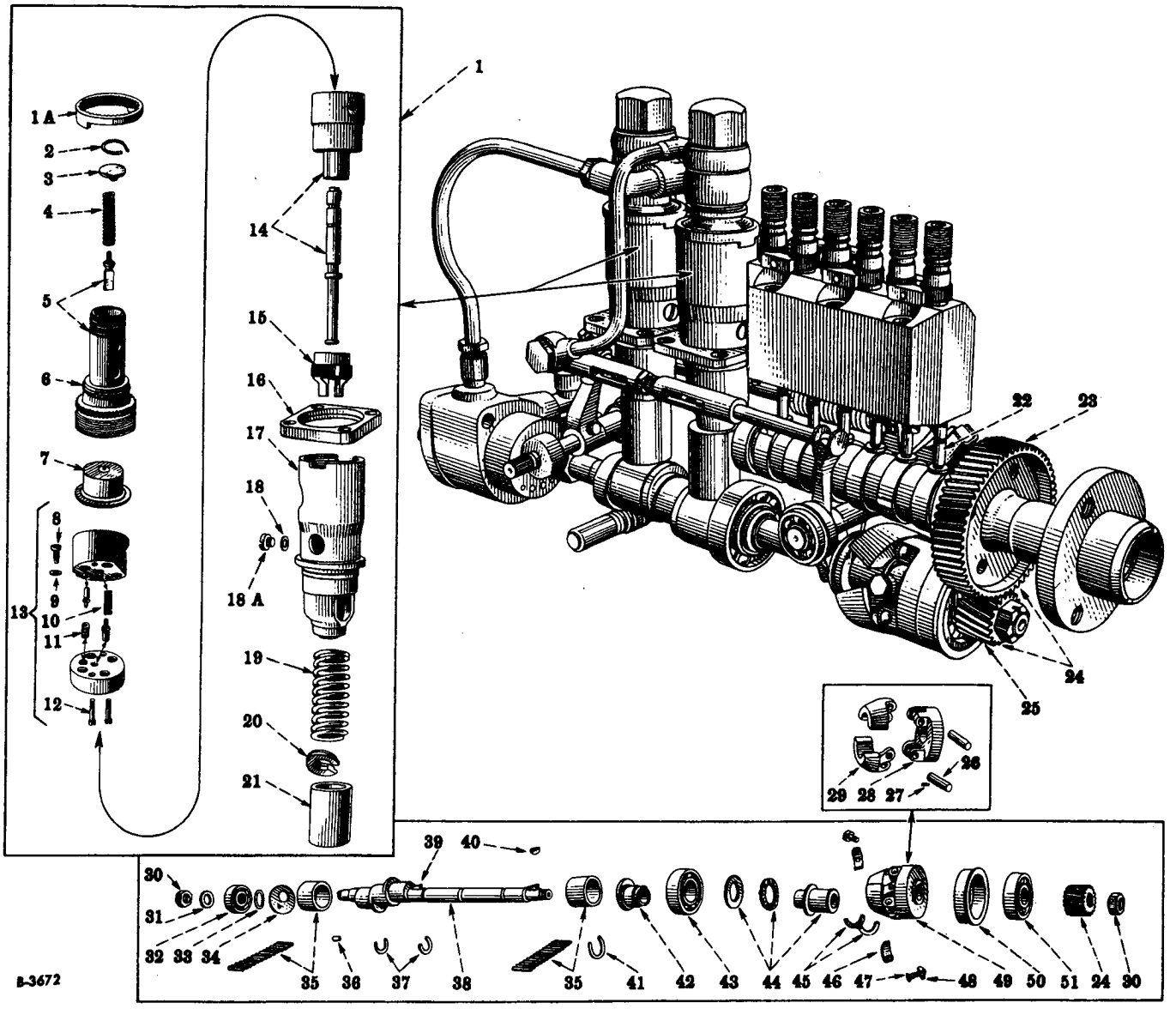
*Unnumbered parts in the illustrations are the same as corresponding parts shown with numbers.*

| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D |
|---|---|---|---|---|
| | | **GOVERNOR SPRING, TORQUE CONTROL PUMP HOUSING COVER AND OIL FILLER** | | |
| 37 165 D | 1 | Injection Pump Breather Tube Elbow Nut | | 1 |
| 37 323 D | 1 | Injection Pump Breather Tube Elbow | | 1 |
| 37 323 DX | 1 | Injection Pump Breather Tube Elbow with Nut, 37 165 D | | 1 |
| 253 525 R91 | 1A | Oil Filler, 253 569 R1 with Cap, 253 559 R11 | | 1 |
| 253 559 R11 | 2 | Oil Filler Cap with Seal, 253 560 R1 | | 1 |
| 253 560 R1 | 3 | Oil Filler Seal | | 1 |
| 253 569 R1 | 4 | Oil Filler | | 1 |
| 64 044 D | 5 | Oil Filler Gasket | | 1 |
| 59 707 D | 5A | Pump Housing Cover Screw | | 1 |
| 103 319 | | Lockwasher, 1/4" | | 1 |
| 61 946 D | 6 | Torque Spring Arm Stop Holder | | 1 |
| | | Slotted Screw, No. 10 - 32 x 1/2" | | 1 |
| | | Slotted Screw, No. 10-- 32 x 7/8" | | 1 |
| | | Lockwasher, No. 10 | | 2 |
| 61 939 D | 7 | Torque Spring Arm Stop Nut | | 1 |
| 61 943 D | 8 | Torque Spring Arm Stop | | 1 |
| 220 415 | 9 | Pump Housing Side Cover Screw | | 7 |
| 250 996 R1 | 10 | Pump Housing Side Seal Screw | | 1 |
| 253 563 R1 | 11 | Pump Housing Side Cover | | 1 |
| 253 564 R1 | 12 | Pump Housing Side Cover Gasket | | 1 |
| 250 986 R1 | 13 | Pump Housing Oil Drain Plug | | 1 |
| 59 763 D | 14 | Governor Fork Shaft Nut | | 1 |
| 59 708 D | 15 | Pump Housing Oil Level Cock | | 1 |
| 59 781 D | 16 | Torque Spring | | 3 |
| 65 870 D | 16 | Torque Spring | | 2 |
| 59 772 D | 17 | Torque Lever Stop Screw | | 1 |
| 61 939 D | 18 | Torque Lever Stop Screw Nut | | 1 |

## GOVERNOR SPRING, TORQUE CONTROL PUMP HOUSING COVER AND OIL FILLER—Continued

| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D |
|---|---|---|---|---|
| 61 939 D | 19 | Torque Spring Shoe Screw Nut | | 1 |
| 59 782 DX | 20 | Torque Shoe with Screw | | 1 |
| 59 767 D | 21 | Torque Lever | | 1 |
| 61 941 DA | 22 | Governor Spring Pin | | 1 |
| 59 727 D | 23 | Governor Spring Lever Arm Snap Ring | | 1 |
| 257 135 R91 | 24 | Governor Spring with Inner Spring, 67 208 D | | 1 |
| 67 394 DA | 25 | Bumper Spring Stop | | 1 |
| 67 393 DA | 26 | Bumper Spring, Light (.023" thick) (68 380 DA Will Work) | | x |
| 68 380 DA | 26 | Bumper Spring, Heavy (.036" thick) (67 393 DA Will Work) | | x |
| 59 727 D | 27 | Governor Arm Pin Snap Ring | | 2 |
| 61 943 D | 28 | Torque Lever Pickup Screw | | 1 |
| 61 939 D | 29 | Torque Lever Pickup Screw Nut | | 1 |
| 64 060 D | 30 | Torque Lever Key | | 1 |
| 59 793 D | 31 | Torque Lever Spacer | | 2 |
| 45 775 D | 32 | Governor Fork Shaft Needle Bearing (Torrington No. B-88) | | 1 |
| 61 951 D | 33 | Torque Spring Seat Screw | | 1 |
| | | Lockwasher, No. 10 | | 1 |
| 59 784 DA | 34 | Torque Spring Arm, Complete | | 1 |
| 65 066 D | 35 | Torque Spring Pin | | 1 |
| | | Cotter Pin, 1/16 x 3/8" | | 1 |
| 61 947 DXA | 36 | Torque Spring Seat - 21°, Complete | | 1 |
| 253 566 R1 | 37 | Pump Housing Cover Gasket | | 1 |
| 253 565 R1 | 38 | Pump Housing Cover | | 1 |
| | | Cap Screw, 1/4 x 1-3/8" N.C. Hex Head | | 1 |
| | | Lockwasher, 1/4" | | 1 |
| 254 242 R21 | 39 | Injection Pump Bracket with 2 Dowels, 59 606 D and 1 Oil | | |
| | | Drain Plug, 250 986 R1 | | 1 |
| 67 208 D | | Governor Spring - Inner | | 1 |

X - As Required

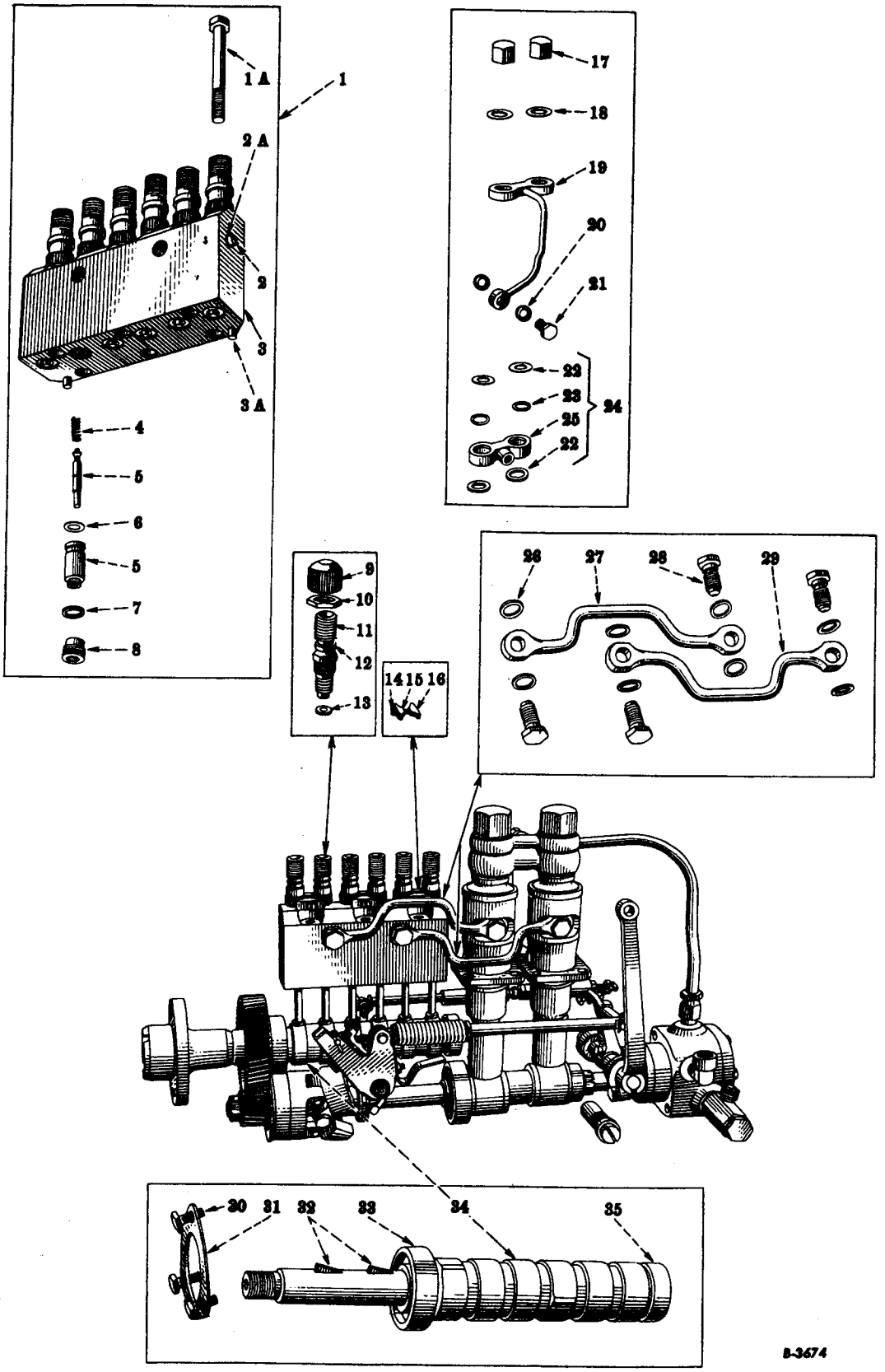



PLUNGER AND GOVERNOR SHAFT

| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D |
|---|---|---|---|---|
| | | **PLUNGER AND GOVERNOR SHAFT** | | |
| 256 468 R91 | 1 | Plunger, Complete | | 2 |
| 64 679 D | 1A | Plunger Bushing Clamp Lock | | 2 |
| 59 665 D | 2 | Fuel Return Check Spring Lock | | 2 |
| 59 664 D | 3 | Fuel Return Check Spring Seat | | 2 |
| 256 117 R1 | 4 | Fuel Return Check Spring | | 2 |
| 61 926 DBX | 5 | Plunger Bushing Clamp with Primary Pump By-Pass Valve | | 2 |
| 59 652 D | 6 | Plunger Bushing Clamp Seal | | 2 |
| 59 650 DA | 7 | Plunger Filter Element | | 2 |
| 59 645 D | 8 | Reverse Check Valve Screw | | 2 |
| 59 646 D | 9 | Reverse Check Valve Screw Washer | | 2 |
| 59 638 D | 10 | Check Valve Spring | | 2 |
| 59 642 D | 11 | Reverse Check Valve Spring | | 2 |
| 59 640 D | 12 | Check Valve Block Clamp Screw | | 4 |
| 66 392 D | 13 | Check and Reverse Check Valve Block, Complete | | 2 |
| 256 437 R11 | 14 | Plunger and Bushing | | 2 |
| 255 020 R1 | 15 | Plunger Control Gear | | 2 |
| 255 022 R1 | 16 | Plunger Bushing Retainer Flange | | 1 |
| 255 021 R1 | 17 | Plunger Bushing Retainer | | 2 |
| 59 624 D | 18 | Plunger Bushing Screw Gasket | | 4 |
| 59 623 D | 18A | Plunger Bushing Screw | | 4 |
| 59 633 D | 19 | Plunger Spring | | 2 |
| 59 634 D | 20 | Plunger Spring Seat | | 2 |
| 59 635 D | 21 | Plunger Tappet | | 2 |
| 59 604 D | 22 | Distributor Valve Tappet | | 6 |
| 253 556 R1 | 23 | Camshaft Gear (Order 253 524 R91) | | 1 |
| 253 524 R91 | 24 | Camshaft Gear and Governor Shaft Pinion (Matched in Pairs) (Will Work for 253 535 R1 and 253 556 R1) | | 1 |
| 253 535 R1 | 25 | Governor Shaft Pinion (Order 253 524 R91) | | 1 |
| 59 687 D | 26 | Governor Weight Pin | | 2 |
| 59 688 D | 27 | Governor Weight Rivet | | 2 |
| 255 338 R1 | 28 | Governor Weight Carrier | | 1 |
| 256 647 R91 | 29 | Governor Weights (Matched Pair) (Will Work for 59686 DA) | | 1 |
| 59 686 DA | 29 | Governor Weights (Order 256 647 R91) | | 2 |
| 59 682 D | 30 | Governor Shaft Nut (250 258 R1 Will Work) | | 2 |
| 250 258 R1 | 30 | Governor Shaft Nut (59 682 D Will Work) | | 2 |

| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D | |
|---|---|---|---|---|---|
| | | **PLUNGER AND GOVERNOR SHAFT—Continued** | | | |
| 253 531 R1 | 31 | Governor Shaft Rear Bearing Washer | | 1 | |
| ST 286 | 32 | Governor Shaft Small Bearing (I.H. C-317) (Will Work for 50 941 V) | | 1 | |
| 50 941 V | 32 | Governor Shaft Small Bearing (New Departure No. 3303) | | | |
| | | (ST 286 Will Work) | | 1 | |
| 253 554 R1 | 33 | Governor Shaft Bearing Washer | | 1 | |
| 253 536 R1 | 34 | Governor Shaft Eccentric Washer | | 1 | |
| 59 683 D | 35 | Governor Shaft Eccentric Bearing | | 2 | |
| 59 685 D | 36 | Governor Shaft Eccentric Washer Pin | | 1 | |
| 253 532 R1 | 37 | Governor Shaft Center Bearing Snap Ring | | 2 | |
| 253 530 R11 | 38 | Governor Shaft, Complete | | 1 | |
| 103 905 | 39 | Governor Shaft Key (Woodruff No. 5) | | 1 | |
| 106 749 | 40 | Governor Shaft Key (Woodruff No. 3) | | 1 | |
| 253 534 R1 | 41 | Governor Shaft Center Bearing Sleeve Snap Ring | | 1 | |
| 253 533 R1 | 42 | Governor Shaft Center Bearing Sleeve | | 1 | |
| ST 225 | 43 | Governor Shaft Center Bearing (I.H. C-225) (Will Work for 10 701 D) | | 1 | |
| 10 701 D | 43 | Governor Shaft Center Bearing (New Departure No. 3205) | | | |
| | | (ST 225 Will Work) | | 1 | |
| 59 693 DX | 44 | Governor Sleeve with Thrust Bearing | | 1 | |
| 69 487 D | 45 | Governor Weight Carrier Stop (Matched Pair) | | 1 | |
| 59 690 DAX | 46 | Governor Weight Thrust Shoe Set (Matched Pair) | | 1 | |
| 52 745 V | 47 | Governor Weight Thrust Shoe Pin Lockwasher | | 2 | |
| 59 691 DX | 48 | Governor Weight Thrust Shoe Pin with Lockwasher, 52 745 V | | 2 | |
| 255 654 R93 | 49 | Governor Weight and Carrier, Complete | | 1 | |
| 59 680 D | 50 | Governor Shaft Bearing Cage | | 1 | |
| ST 261 | 51 | Governor Shaft Rear Bearing (I.H. C-215) (Will Work for 1 265 C) | | 1 | |
| 1 265 C | 51 | Governor Shaft Rear Bearing (New Departure No. 3202) (ST 261 Will Work) | | 1 | |
| 59 609 D | | Plunger Bushing Retainer Flange Dowel | | 1 | |

# MEMORANDA



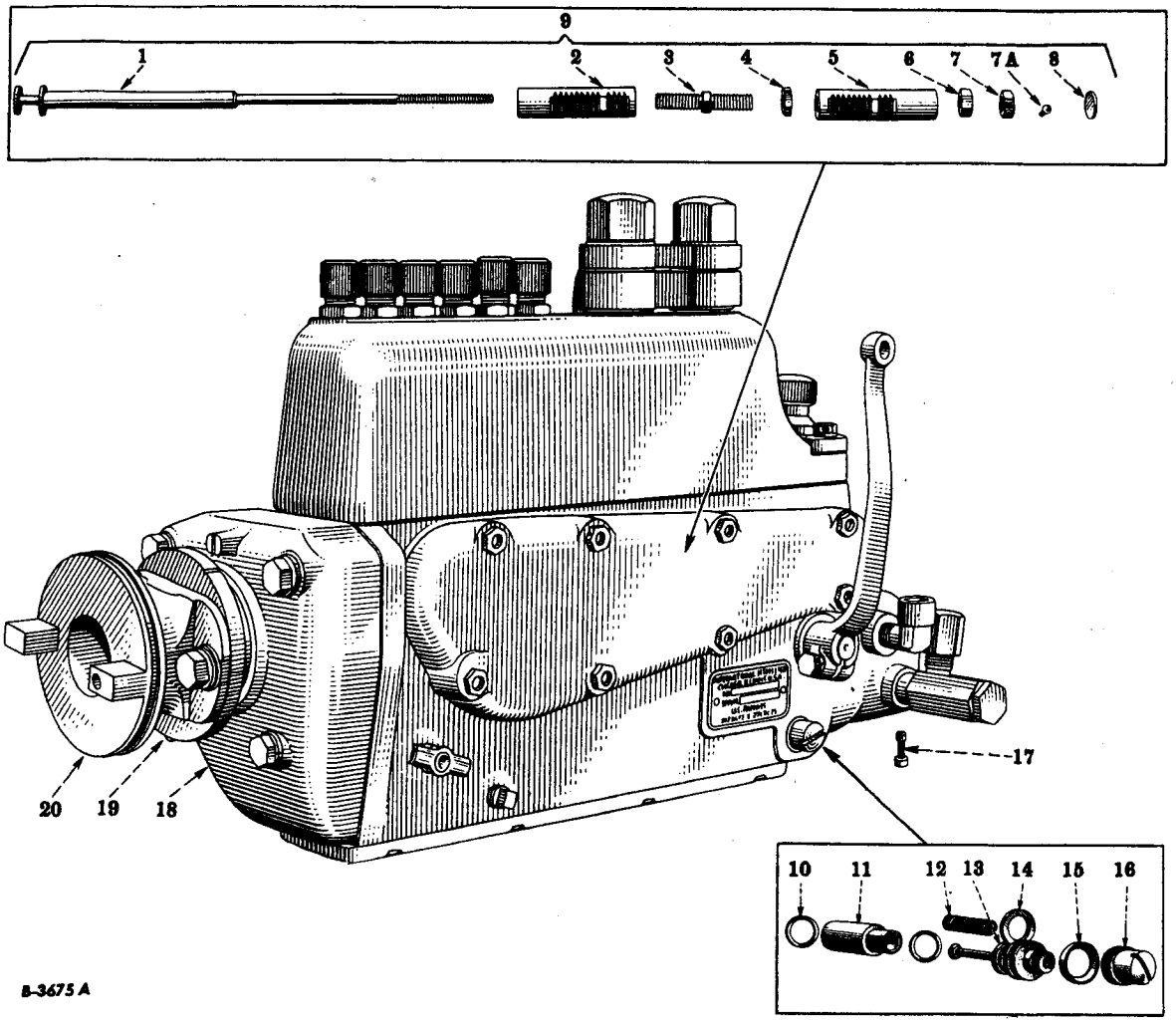

DISTRIBUTOR VALVE BLOCK, FUEL RETURN PIPE AND HIGH PRESSURE PIPES
(Plunger to Distributor)

# DIESEL ENGINE

## DISTRIBUTOR VALVE BLOCK, FUEL RETURN PIPE AND HIGH PRESSURE PIPES

| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D |
|---|---|---|---|---|
| 253 931 R91 | 1 | Distributor Block, Complete | | 1 |
| 66 002 D | 1A | Distributor Block Cap Screw | | 6 |
| 59 645 D | 2 | Distributor Block Screw | | 2 |
| 59 646 D | 2A | Distributor Block Screw Washer | | 2 |
| 253 557 R11 | 3 | Distributor Block with 2 Dowels, 59 606 D | | 1 |
| 59 606 D | 3A | Distributor Block Dowel | | 2 |
| 59 603 D | 4 | Distributor Valve Spring | | 6 |
| 68 012 D | 5 | Distributor Valve and Bushing | | 6 |
| 66 005 D | 6 | Distributor Valve Bushing Upper Gasket, Medium | | |
| | | (67 979 D or 67 980 D Will Work) | | 6 |
| 67 979 D | 6 | Distributor Valve Bushing Upper Gasket, Medium | | |
| | | (66 005 D or 67 980 D Will Work) | | 6 |
| 67 980 D | 6 | Distributor Valve Bushing Upper Gasket, Heavy | | |
| | | (66 005 D or 67 979 D Will Work) | | 6 |
| 66 007 D | 7 | Distributor Valve Bushing Lower Gasket | | 6 |
| 66 008 D | 8 | Distributor Valve Bushing Clamp | | 6 |
| 65 355 D | 9 | Discharge Cap | | 6 |
| 59 617 D | 10 | Discharge Fitting Clamp Nut | | 6 |
| 251 720 R1 | 11 | Discharge Fitting | | 6 |
| 59 618 D | 12 | Discharge Fitting Seal | | 6 |
| 59 613 D | 13 | Discharge Fitting Gasket | | 6 |
| 59 616 D | 14 | Discharge Fitting Lock Screw | | 3 |
| 59 614 D | 15 | Discharge Fitting Lock | | 3 |
| 59 615 DA | 16 | Discharge Fitting Lock Nut | | 3 |
| 59 659 D | 17 | Fuel Return Pipe Cap | | 2 |
| 59 658 D | 18 | Fuel Inlet Fitting Seal Washer | | 2 |
| 253 571 R91 | 19 | Fuel Return Pipe, Complete | | 1 |
| 59 657 D | 20 | Fuel Return Pipe Small Washer | | 2 |
| 59 660 DA | 21 | Fuel Return Pipe Screw | | 1 |
| 59 658 D | 22 | Fuel Return Pipe Large Washer | | 4 |

| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D | |
|---|---|---|---|---|---|
| | | **DISTRIBUTOR VALVE BLOCK, FUEL RETURN PIPE AND HIGH PRESSURE PIPES—Continued** | | | |
| 59 667 D | 23 | Fuel Inlet Fitting Seal | | 2 | |
| 253 932 R91 | 24 | Fuel Inlet Fitting with Seal, Complete | | 1 | |
| 59 649 D | 26 | High Pressure Pipe Screw Gasket | | 8 | |
| 253 577 R91 | 27 | High Pressure Pipe, Front with Pipe Ends | | 1 | |
| 66 010 DA | 28 | High Pressure Pipe Screw | | 6 | |
| 253 576 R91 | 29 | High Pressure Pipe, Rear with Pipe Ends | | 1 | |
| | | **CAMSHAFT UNIT** | | | |
| | 30 | Follows Reference No. 31 | | | |
| 59 673 D | 31 | Camshaft Bearing Retainer | | 1 | |
| 192 228 | 30 | Self Locking Bolt, 1/4", - 3 x 1/2" N.C. Hex Head | | 3 | |
| 103 905 | 32 | Camshaft Key (Woodruff No. 5) | | 2 | |
| 8 522 T | 33 | Camshaft Bearing, Large (New Departure No. 3204) | | 1 | |
| | | (ST 207 Will Work) | | 1 | |
| ST 207 | 33 | Camshaft Bearing, Large (I.H.) (8 552 T Will Work) | | 1 | |
| 253 555 R1 | 34 | Camshaft | | 1 | |
| ST 261 | 35 | Camshaft Bearing, Small (I.H.) (1 265 C Will Work) | | 1 | |
| 1 265 C | 35 | Camshaft Bearing, Small (New Departure No. 3202) | | | |
| | | (ST 261 Will Work) | | 1 | |




*Reference numbers only are shown in illustration. Use I H C part numbers in ordering.*
*Unnumbered parts in the illustrations are the same as corresponding parts shown with numbers.*

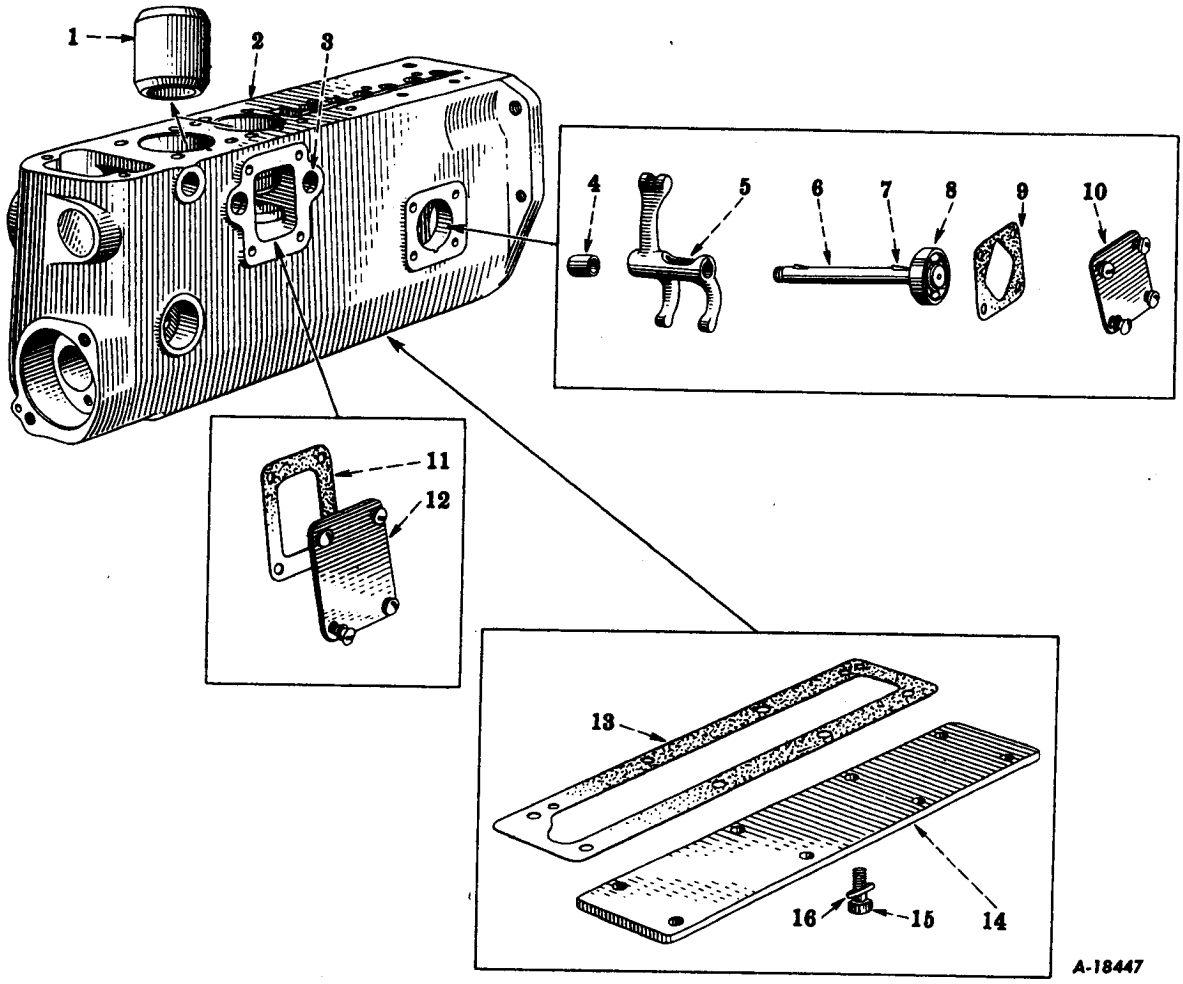
## SCAVENGING VALVE, CONTROL RACK AND PUMP FRONT COVER

| | | | | |
|---|---|---|---|---|
| 253 551 R91 | 1 | Rack Adjustment Rod, Complete | 1 | |
| 253 542 R1 | 2 | Rack, Front | 1 | |
| 253 544 R1 | 3 | Rack Equalizer | 1 | |
| 253 545 R1 | 4 | Rack Equalizer Nut | 1 | |
| 253 543 R1 | 5 | Rack, Rear | 1 | |
| 253 548 R1 | 6 | Rack Adjustment Rod Locknut | 1 | |
| 253 547 R1 | 7 | Rack Adjustment Rod Nut | 1 | |
| 59 688 D | 7A | Rack Adjustment Rod Nut Rivet | 1 | |

**Always give PUMP NUMBER and SERIAL NUMBERS when ordering Parts.**

## SCAVENGING VALVE, CONTROL RACK AND PUMP FRONT COVER—Continued

| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D |
|---|---|---|---|---|
| 172 541 | 8 | Control Rack Plug, 15/16" | | 1 |
| 253 541 R91 | 9 | Rack, Complete | | 1 |
| 61 932 D | 10 | Scavenging Valve Body Gasket | | 2 |
| 61 933 DX | 11 | Scavenging Valve Tappet and Guide | | 1 |
| 61 929 D | 12 | Scavenging Valve Spring | | 1 |
| 66 109 D | 13 | Scavenging Valve and Body | | 1 |
| 65 029 D | 14 | Scavenging Valve Body Seal | | 1 |
| 65 028 D | 15 | Scavenging Valve Body Cap Gasket | | 1 |
| 65 027 D | 16 | Scavenging Valve Body Cap | | 1 |
| 63 427 DX | 17 | Scavenging Strainer | | 1 |
| 254 239 R1 | 18 | Pump Housing Front Cover | | 1 |
| | | Cap Screw, 3/8 x 2-1/4" N.C. Hex Head | | 2 |
| | | Cap Screw, 5/16 x 2-1/4" N.C. Hex Head | | 2 |
| | | Lockwasher, 3/8" | | 2 |
| | | Lockwasher, 5/16" | | 2 |
| 254 240 R1 | 19 | Injection Pump Drive Flange | | 1 |
| 33 275 D | 20 | Timing Coupling Adjuster | | 1 |
| | | Cap Screw, 3/8 x 5/8" N.F. Hex Head | | 2 |
| | | Lockwasher, 3/8" | | 2 |
| 253 553 R1 | | Rack Adjustment Rod Rivet | | 1 |

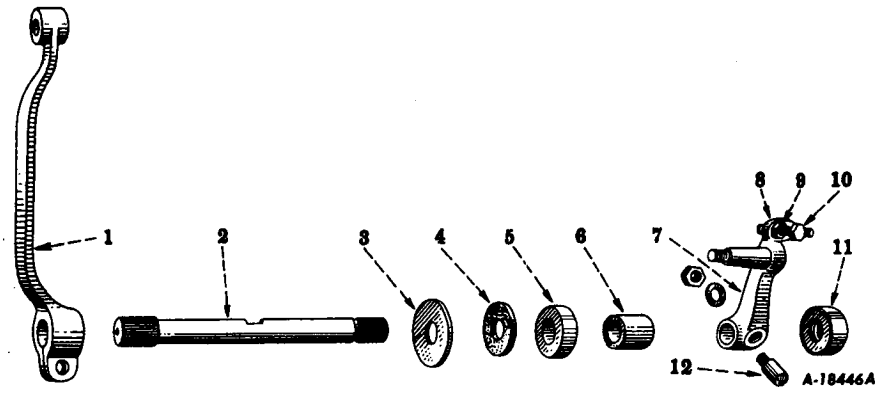



*Reference numbers only are shown in illustration. Use I H C part numbers in ordering.*

## HOUSING, GOVERNOR FORK AND SHAFT

| | | | | |
|---|---|---|---|---|
| 253 257 R91 | 1 | Plunger Tappet, 59 635 D with Bushing | 2 | |
| 253 558 R11 | 2 | Pump Housing, Complete | 1 | |
| 59 714 DA | 3 | Rack Locating Screw | 2 | |
| 61 940 D | 4 | Governor Fork Shaft Spacer | 1 | |
| 59 760 DA | 5 | Governor Fork | 1 | |
| 59 762 DX | 6 | Governor Fork Shaft, Complete | 1 | |
| 59 734 DA | 7 | Governor Fork Shaft Key | 1 | |
| ST 259 | 8 | Governor Fork Shaft Ball Bearing (I.H.) (1 100 C Will Work) | 1 | |
| 1 100 C | 8 | Governor Fork Shaft Ball Bearing (New Departure No. 3200) (ST 259 Will Work) | 1 | |
| 59 698 DA | 9 | Pump Housing Back Cover Gasket | 1 | |
| 59 697 D | 10 | Pump Housing Back Cover | 1 | |
| | | Screw, No. 10-32 x 3/8" Round Head | 4 | |
| | | Lockwasher, No. 10 | 4 | |

| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D | |
|---|---|---|---|---|---|
| | | **HOUSING, GOVERNOR FORK AND SHAFT** | | | |
| 253 562 R1 | 11 | Pump Housing Back Cover Rear, Gasket | | 1 | |
| 253 561 R1 | 12 | Pump Housing Back Cover, Rear | | 1 | |
| | | Screw, No. 10-32 x 3/8" Round Head | | 4 | |
| | | Lockwasher, No. 10 | | 4 | |
| 253 568 R1 | 13 | Pump Housing Bottom Plate Gasket | | 1 | |
| 253 567 R1 | 14 | Pump Housing Bottom Plate | | 1 | |
| 65 056 D | 15 | Pump Housing Bottom Plate Cap Screw | | 8 | |
| 25 176 D | 16 | Pump Housing Bottom Plate Screw Gasket | | 8 | |
| 252 989 R1 | | Plunger Bushing Retainer Bolt | | 8 | |




*Reference numbers only are shown in illustration. Use I H C part numbers in ordering.*

## CONTROL LEVER

| | | | | |
|---|---|---|---|---|
| 59 718 D | 1 | Control Lever, Hand | 1 | |
| | | Cap Screw, 1/4 x 7/8" N.F. Hex Head | 1 | |
| | | Lockwasher, 1/4" | 1 | |
| 253 550 R1 | 2 | Control Lever Shaft | 1 | |
| 59 720 D | 3 | Control Lever Shaft Washer | 1 | |
| 59 721 D | 4 | Control Lever Felt Washer | 1 | |
| 59 722 D | 5 | Control Lever Oil Seal | 1 | |
| 8 976 DA | 6 | Pump Housing Bushing | 1 | |
| 253 537 R91 | 7 | Governor Spring Lever and Arm | 1 | |
| 59 723 D | 8 | Governor Spring Lever Stop-Short | 1 | |
| 61 939 D | 9 | Stop Screw Nut | 2 | |
| 64 043 D | 10 | High Speed Stop Screw | 1 | |
| 253 570 R1 | 11 | Control Lever Shaft Oil Seal, Rear | 1 | |
| 64 070 D | 12 | Governor Spring Lever Screw | 1 | |
| | | Hex Nut, 1/4" N.F. | 1 | |
| | | Lockwasher, 1/4" | 1 | |

**Always give PUMP NUMBER and SERIAL NUMBERS when ordering Parts.**

# DIESEL ENGINE

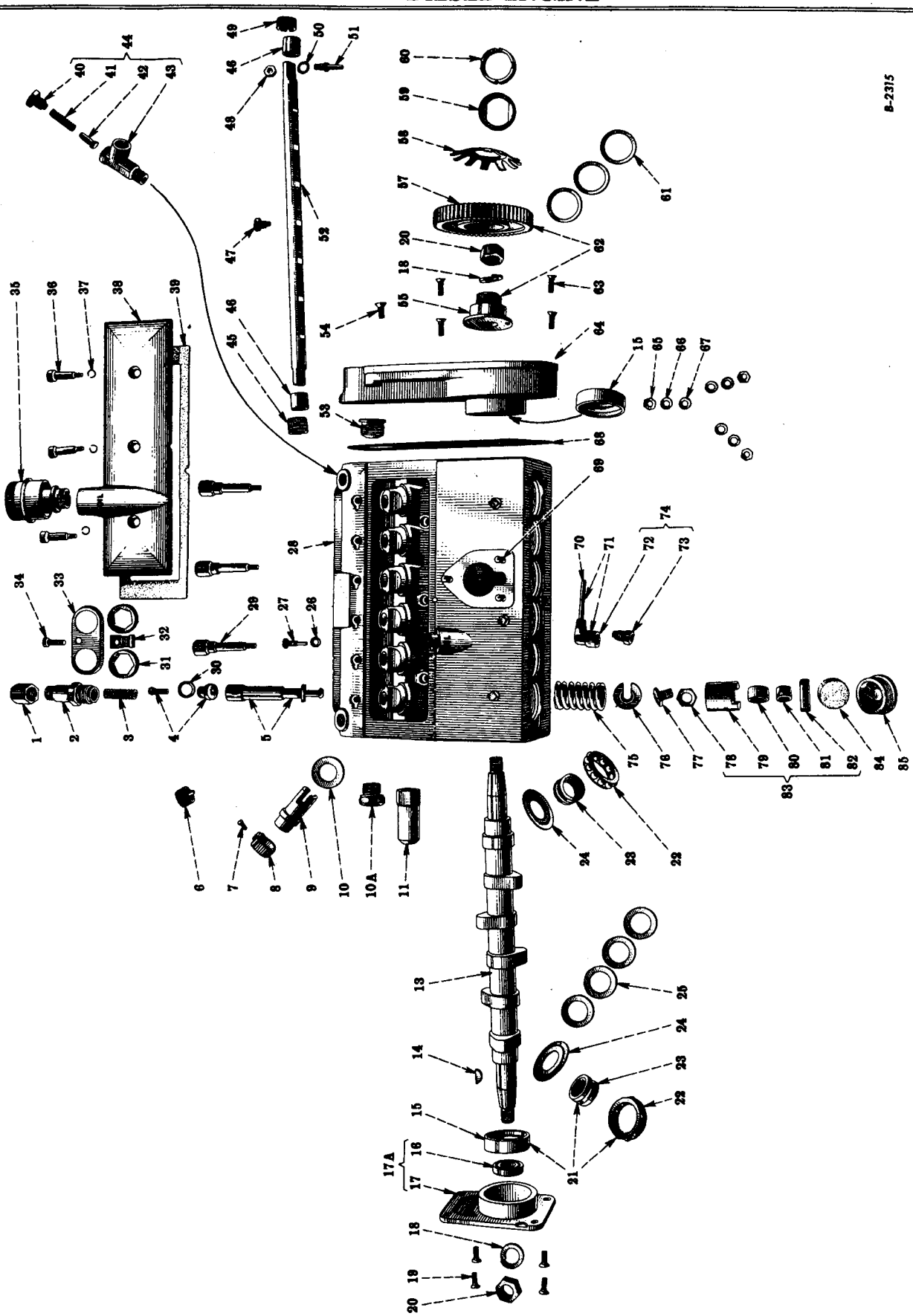
| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D |
|---|---|---|---|---|
| | | **BOSCH FUEL INJECTION PUMP** | | |
| 49710 DAX-12 | | Injection Pump, Complete (Type B) | TDRM 826 to 1235 (Note ⓧ) | 1 |
| | | Cap Screw, 3/8 x 1-1/4" N.C. Hex. Head | | 6 |
| | | Lockwasher, 3/8" | | 6 |
| 52966 DM | | Injection Pump, Complete (With "R" Governor 225/700 - Box 1) | | |
| | | (⊛ Used on Power Scraper - Modification Galion 24) | | 1 |
| 54922 DAX | | Injection Pump, Complete (⊛ Used on Scraper Modification | | |
| | | Euclid 1) | | 1 |
| 54922 DAX-12 | | Injection Pump, Complete (Type A) | TDRM 1236 to 4661 (Not ⊕) | 1 |
| | | Cap Screw, 3/8 x 7/8" N.C. Hex. Head | | 4 |
| | | Lockwasher, 3/8" | | 4 |
| 58400 D | | Fuel Injection Pump Field Change Package | | |
| | | (Changing Bosch "B" to "A" Size) | TDRM 826 to 1235 (Not ⓧ) | 1 |
| 60734 D | | Bosch "A" Size Improvement Package (Improved Gasket Sealing | | |
| | | Breather Action, Maintain Proper Oil Level and Eliminate Slippage of | | |
| | | Friction Clutch) | TDRM 1236 to 2345 | 1 |
| 60856 D | | Bosch "B" Size Improvement Package (Improved Gasket Sealing | | |
| | | Breather Action, Maintain Proper Oil Level and Eliminate | | |
| | | Slippage of Friction Clutch) | TDRM 826 to 1235 (Not ⓧ) | 1 |
| 61299 DX-12 | | Injection Pump, Complete (Type K) (Order 256979 R91) | TDRM 4662 to 15000 (Also ⊕) | 1 |
| | | Cap Screw, 3/8 x 7/8" N.C. Hex Head | | 4 |
| | | Lockwasher, 3/8" | | 4 |
| 65383 DX | | Bosch "Q" Type Fuel Injection Pump Field Change Package for | | |
| | | Changing Bosch "A" Type Injection Pump 54922 DAX-12 to | | |
| | | Bosch "Q" Type Injection Pump 256979 R91 (Bosch "A" Type | | |
| | | Pump to "Q" Type Pump) | TDRM 1236 to 4661 (Not ⊕) | 1 |
| 65812 DA | | Bosch "Q" Type Fuel Injection Pump Field Change Package | | |
| | | for Changing Bosch "B" Type Pump, 49710 DAX-12 to "Q" Type | | |
| | | Pump, 256979 R91 | TDRM 826 to 1235 (Not ⓧ) | 1 |
| 68812 D | | Bosch "K" Type Field Change Package for Changing Bosch "B" Type | | |
| | | Injection Pump 49710 DAX-12 to Bosch "K" Type Pump 61299 DX-12 | | |
| | | (Bosch "B" Type Pump to "K" Type Pump) | TDRM 826 to 1235 (Not ⓧ) | 1 |
| 68961 DA | | Bosch "Q" Type Fuel Injection Pump Field | | |
| | | Change Package for Changing Timken Pumps to Bosch "Q" | | |
| | | Type Injection Pump, 256979 R91 | TDRM 501 to 825 Also ⓧ | 1 |
| 251491 R91 | | Injection Pump, Complete (Type "K") (Order 258830 R91) | TDRM 15001 up | 1 |
| 256979 R91 | | Injection Pump, Complete (Type "Q") (Will Work for | | |
| | | 61299 DX-12) (See Note ⓣ) | TDRM 4662 to 15000 Also ⊕ | 1 |
| 257645 R91 | | Bosch Fuel Injection Pump Attachment (Special) (See Note No. 1) | | |
| | | (See Details of Assembly for List of Parts) | TDRM 15001 up | 1 |
| 258830 R91 | | Injection Pump, Complete (Type "Q") (Will Work for | | |
| | | 251491 R91) (See Note ⓣ) | TDRM 15001 up | 1 |

NOTE ⓣ - Refer to Injection Pump Parts Catalog PU-27 When Ordering Detail Parts for Complete "Q" Injection Pumps and Also for Special Injection Pumps not listed above.

⊛ - For Tabulation of Modification see Introduction Page.

ⓧ - TDRM 835 ⊕ - TDRM 4314 and 4512

**Note No. 1—Order Machine Attachments through same channels as complete machine is ordered.**
**Note No. 2—Order attachments (not marked Machine Attachments) through regular service parts channel.**




**AMERICAN BOSCH FUEL INJECTION PUMP (Special) —Engines TDRM 826 to 1235; Not 835**

*Reference numbers only are shown in illustration. Use I H C part numbers in ordering.*

*Unnumbered parts in the illustrations are the same as corresponding parts shown with numbers.*

| I H C PART NUMBER | REF. NO. | MFR'S. NUMBER | DESCRIPTION | SERIAL NUMBER | NO. REQ'D |
|---|---|---|---|---|---|
| | | | **AMERICAN BOSCH FUEL INJECTION PUMP (Special)** | | |
| 40255 D | 1 | WMU 9A2X | Protection Cap (Delivery Valve Holder) | TDRM 826 to 1235 Δ | 6 |
| 54597 D | 2 | HP 7614 | Delivery Valve Holder | TDRM 826 to 1235 Δ | 6 |
| 40263 D | 3 | WSF 2141A1X | Delivery Valve Spring | TDRM 826 to 1235 Δ | 6 |
| 40238 D | 4 | PVE 30/1Z | Delivery Valve and Seat, Complete | TDRM 826 to 1235 Δ | 6 |
| 54605 D | 5 | PPK 9/8Z | Plunger and Barrel | TDRM 826 to 1235 Δ | 6 |
| 54560 DAX | 6 | RD 7675 A | Lubricating Oil Gauge Rod, Complete | TDRM 826 to 1235 Δ | 1 |
| 40268 D | 7 | WSR 2100/1X | Toothed Segment Clamping Screw | TDRM 826 to 1235 Δ | 6 |
| 40240 D | 8 | PZR 3/1X | Toothed Segment | TDRM 826 to 1235 Δ | 6 |
| 40245 D | 9 | WMB 2057/1X | Control Sleeve | TDRM 826 to 1235 Δ | 6 |
| 40253 D | 10 | WMS 2079/1X | Plunger Spring Seat, Upper | TDRM 826 to 1235 Δ | 6 |
| 54596 D | 10A | WRV 2A1X | Fuel Inlet Union Nut | TDRM 826 to 1235 Δ | 1 |
| 54563 D | 11 | PMK 8/1X | Control Rod Protection Cover | TDRM 826 to 1235 Δ | 1 |
| 54531 D | 13 | PAC 21/1X | Camshaft | TDRM 826 to 1235 Δ | 1 |
| 40201 D | 14 | NKE 5/2X | Camshaft Key (Woodruff No. ) | TDRM 826 to 1235 Δ | 1 |
| 64960 D | 15 | | Camshaft Bearing Outer Race | TDRM 826 to 1235 Δ | 2 |
| 54536 D | 16 | PK 765 | End Plate Oil Seal Packing | TDRM 826 to 1235 Δ | 1 |
| 54535 D | 17 | PL 7619 | End Plate | TDRM 826 to 1235 Δ | 1 |
| 54535 DX | 17A | PL 7618A | End Plate with Pointer, 40242 D and Oil Seal, 54536 D | TDRM 826 to 1235 Δ | 1 |
| 68814 D | 20 | WA 1184 | Drive Gear Hub Nut | TDRM 826 to 1235 Δ | |
| 103324 | 18 | NMS 423/1X | Lockwasher, 9/16" | | 1 |
| 40216 D | 19 | NSR 734/19X | End Plate Fastening Screw | TDRM 826 to 1235 Δ | 4 |
| 40210 D | 20 | NMU 2024/1X | Camshaft Hex. Nut | TDRM 826 to 1235 Δ | 2 |
| 68815 D | 18 | NT 7927 | Drive Gear Hub Nut Lockwasher | TDRM 826 to 1235 Δ | |
| 40202 D | 21 | NKL 6/20Z | Camshaft Ball Bearing (ND-20) | TDRM 826 to 1235 Δ | 2 |
| 64961 D | 22 | | Camshaft Bearing Retainer with Balls | TDRM 826 to 1235 Δ | 2 |
| 64959 D | 23 | | Camshaft Bearing Inner Race | TDRM 826 to 1235 Δ | 2 |
| 40200 D | 24 | DMS 10/3X | Oil Thrower | TDRM 826 to 1235 Δ | 2 |
| 40249 D | 25 | WMS 2040/8X | Bearing Adjusting Washer | TDRM 826 to 1235 Δ | X |
| 40250 D | 25 | WMS 2040/9X | Bearing Adjusting Washer | TDRM 826 to 1235 Δ | X |
| 40251 D | 25 | WMS 2040/10X | Bearing Adjusting Washer | TDRM 826 to 1235 Δ | X |
| 40252 D | 25 | WMS 2040/14X | Bearing Adjusting Washer | TDRM 826 to 1235 Δ | X |
| 40259 D | 26 | WNS 2021/2X | Barrel Set Screw Gasket | TDRM 826 to 1235 Δ | 6 |
| 40267 D | 27 | WSR 2099/1X | Barrel Set Screw | TDRM 826 to 1235 Δ | 6 |
| 54542 DAX | 28 | HG 76188A | Pump Housing, Complete | TDRM 826 to 1235 Δ | 1 |
| | | NSR 1A1X | Pipe Plug, 1/8" | | 2 |
| | | NSR 1A1X | Pipe Plug, 1/4" | | 1 |
| 54593 D | 29 | SD 763 | Inspection Cover Fastening Screw Stud | TDRM 826 to 1235 Δ | 3 |
| 40257 D | 30 | WNR 2021/1X | Delivery Valve Holder Gasket | TDRM 826 to 1235 Δ | 6 |
| 54599 D | 31 | RG 763 | Delivery Valve Holder Locking Ring | TDRM 826 to 1235 Δ | 6 |
| 54600 D | 32 | KY 762 | Delivery Valve Holder Locking Key | TDRM 826 to 1235 Δ | 3 |

Δ - Not TDRM 835 X - As Required

**Always give PUMP SERIAL NUMBERS when ordering Parts.**

## AMERICAN BOSCH FUEL INJECTION PUMP (Special)—Continued

| I H C PART NUMBER | REF. NO. | MFR'S. NUMBER | DESCRIPTION | SERIAL NUMBER | NO. REQ'D | |
|---|---|---|---|---|---|---|
| 54598 D | 33 | CV 769 | Delivery Valve Holder Locking Cover | TDRM 826 to 1235 Δ | 3 | |
| 54601 D | 34 | SC 7623 | Delivery Valve Holder Securing Screw | TDRM 826 to 1235 Δ | 3 | |
| 54308 DX | 35 | CV 7635A | Inspection Cover Oil Filler Cap, Complete | | | |
| | | | (Order 60740 D) | TDRM 826 to 1235 Δ | 1 | |
| 60740 D | 35 | CV 76126 A | Pump Housing Breather, Complete | | | |
| | | | (Will Work for 54308 DX) | TDRM 826 to 1235 Δ | 1 | |
| 54576 D | 36 | SC 7624 | Inspection Cover Fastening Screw | TDRM 826 to 1235 Δ | 3 | |
| 40204 D | 37 | NMR 11/5X | Inspection Cover Retaining Screw Spring Washer | TDRM 826 to 1235 Δ | 3 | |
| 54574 D | 38 | CV 7633 | Inspection Cover | TDRM 826 to 1235 Δ | 1 | |
| 54575 D | 39 | GA 7651 | Inspection Cover Gasket | TDRM 826 to 1235 Δ | 1 | |
| | 40 to 44 | | See Overflow Valve Unit | | | |
| 40227 D | 45 | PMB 15/2X | Control Rod Bushing, L.H. | TDRM 826 to 1235 Δ | 1 | |
| 54544 D | 46 | WMB 2157/2X | Control Rod Bushing | TDRM 826 to 1235 Δ | 2 | |
| 40271 D | 47 | WSR 2196/1X | Control Rod Securing Screw | TDRM 826 to 1235 Δ | 1 | |
| | 48 | | Follows Reference No. 51 | | | |
| 40226 D | 49 | PMB 15/1X | Control Rod Bushing, R.H. | TDRM 826 to 1235 Δ | 1 | |
| 40753 D | 50 | WA 22-8 | Control Linkage Pin Lockwasher (Shakeproof 1214) | | 1 | |
| | | | Same as 52745 V | TDRM 826 to 1235 Δ | 1 | |
| 52745 V | 50 | | Control Linkage Pin Lockwasher (Shakeproof 1214) | | | |
| | | | (Will Work for 40753 D) | | 1 | |
| 54636 D | 51 | PN 7923 | Control Linkage Pin | TDRM 826 to 1235 Δ | 1 | |
| | 48 | NT 8-8 | Hex. Nut, 1/4" N.F. | | 1 | |
| 54559 D | 52 | PZR 51/3X | Control Rod | TDRM 826 to 1235 Δ | 1 | |
| 54623 D | 53 | PG 796 | Governor Housing Securing Plug | TDRM 826 to 1235 Δ | 1 | |
| | 54 | | Follows Reference No. 64 | | | |
| 54626 DA | 55 | HB 792/1 | Drive Gear Hub | TDRM 826 to 1235 Δ | 1 | |
| 54410 DA | 57 | GE 791 | Drive Gear | TDRM 826 to 1235 Δ | 1 | |
| 54414 DA | 58 | DC 791 | Governor Drive Spring Disc | TDRM 826 to 1235 Δ | 2 | |
| 54415 D | 59 | WA 795 | Gear Adjusting Nut Lockwasher | TDRM 826 to 1235 Δ | 1 | |
| 54416 D | 60 | NT 795 | Gear Adjusting Nut | TDRM 826 to 1235 Δ | 1 | |
| 54411 D | 61 | SR 794/1 | Adjusting Spacer - .035" | TDRM 826 to 1235 Δ | X | |
| 54412 D | 61 | SR 794/2 | Adjusting Spacer - .049" | TDRM 826 to 1235 Δ | X | |
| 54413 D | 61 | SR 794/3 | Adjusting Spacer - .065" | TDRM 826 to 1235 Δ | X | |
| 54625 D | 62 | GE 794A | Drive Gear, Complete (Order 54625 DAX) | TDRM 826 to 1235 Δ | 1 | |
| 54625 DA | 62 | GE 7931A | Drive Gear, Complete | TDRM 826 to 1235 Δ | 1 | |
| 54625 DAX | 62 | | Drive Gear with Hub Nut, 68814 D and Drive Gear Nut Lockwasher, 68815 D (Will Work for 54625 D) | TDRM 826 to 1235 Δ | 1 | |
| 40298 D | 63 | NSR 494/22X | Governor Housing Securing Screw, Lower | TDRM 826 to 1235 Δ | 4 | |
| 54622 D | 64 | HG 7939 | Governor Housing | TDRM 826 to 1235 Δ | 1 | |
| | 54 | SC 63-10 | Machine Screw - 1/4 N.C. x 5/8" Slotted Head | | 1 | |

Δ - Not TDRM 835

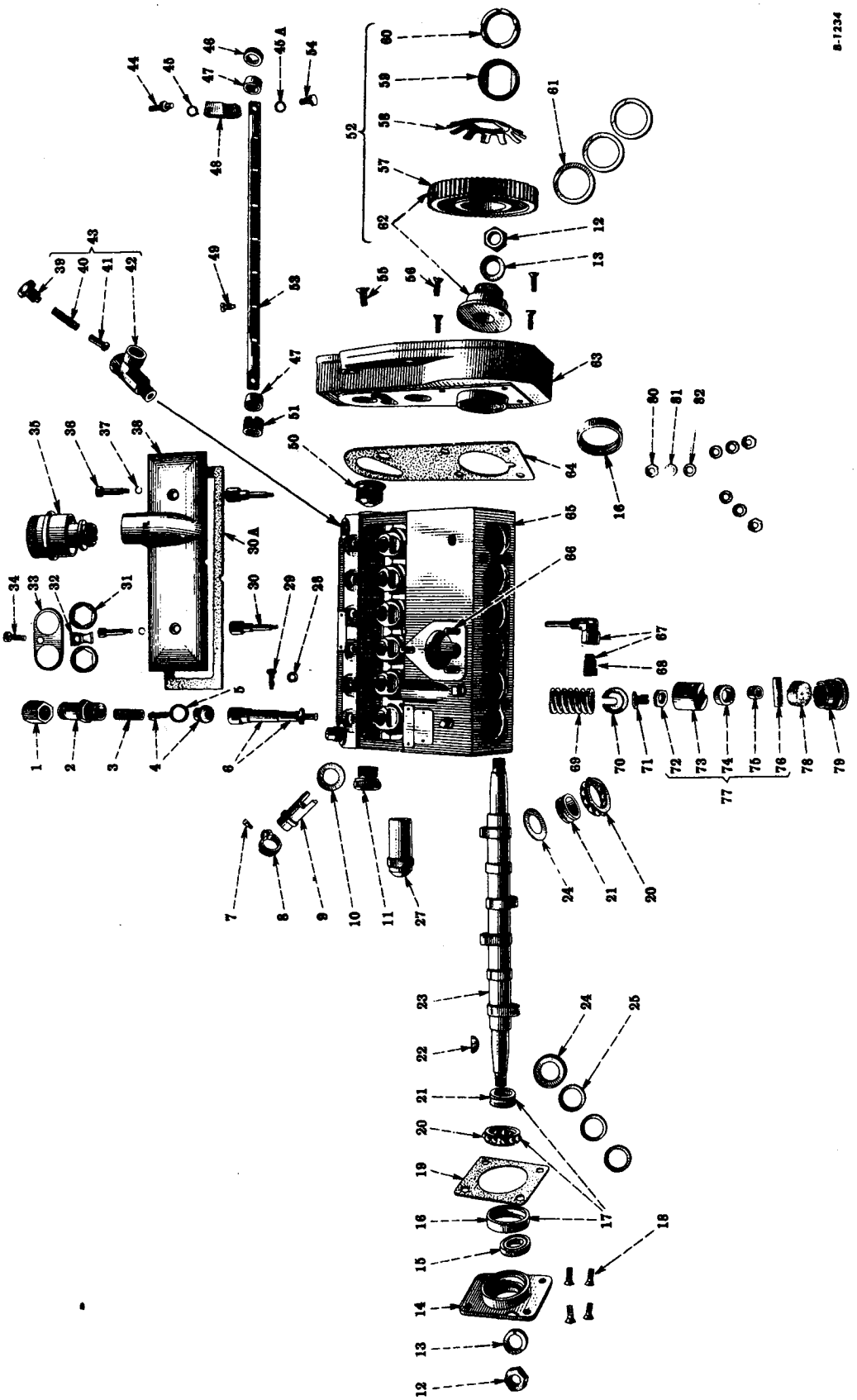
X - As Required

# DIESEL ENGINE

| I H C PART NUMBER | REF. NO. | MFR'S. NUMBER | DESCRIPTION | SERIAL NUMBER | NO. REQ'D |
|---|---|---|---|---|---|
| | | | **AMERICAN BOSCH FUEL INJECTION PUMP (Special)—Continued** | | |
| 40217 D | 65 | NT 762 | Pump Housing Securing Nut | TDRM 826 to 1235 Δ | 3 |
| | 66 | | Follows Reference No. 69 | | |
| 40208 D | 67 | NMS 601/2X | Pump Housing Securing Washer | TDRM 826 to 1235 Δ | 3 |
| 54624 DA | 68 | GA 7991 | Governor Housing Gasket | TDRM 826 to 1235 Δ | 1 |
| 40244 D | 69 | WBO 2141/1X | Fuel Supply Pump Stud | TDRM 826 to 1235 Δ | 3 |
| | 66 | | Lockwasher, 1/4" | | 3 |
| 54617 D | 70 | TU 761 | Lubricating Oil Overflow Tube | TDRM 826 to 1235 Δ | 1 |
| 54615 D | 71 | F 17612 A | Lubricating Oil Overflow Connection, Complete | TDRM 826 to 1235 Δ | 1 |
| 54616 D | 72 | | Lubricating Oil Overflow Elbow | TDRM 826 to 1235 Δ | 1 |
| 56120 D | 73 | | Lubricating Oil Overflow Elbow Nut | TDRM 826 to 1235 Δ | 1 |
| 54616 DX | 74 | F 17611 | Lubricating Oil Overflow Elbow with Nut, 56120 D | TDRM 826 to 1235 Δ | 1 |
| 54603 D | 75 | WSF 2222A1X | Plunger Spring | TDRM 826 to 1235 Δ | 6 |
| 40254 D | 76 | WMS 2080/1X | Plunger Spring Seat, Lower | TDRM 826 to 1235 Δ | 6 |
| 40265 D | 77 | WSR 2095/1X | Tappet Screw | TDRM 826 to 1235 Δ | 6 |
| 40256 D | 78 | WMU 2079/1X | Tappet Screw Locknut | TDRM 826 to 1235 Δ | 6 |
| 40236 DAX | 79 | PVE 73/1X | Tappet Shell, Complete | TDRM 826 to 1235 Δ | 6 |
| 40234 D | 80 | PRL 1/2X | Tappet Roller | TDRM 826 to 1235 Δ | 6 |
| 40247 D | 81 | WMB 2109/1X | Tappet Roller Bushing | TDRM 826 to 1235 Δ | 6 |
| 40243 D | 82 | WBO 2066/1X | Tappet Pin | TDRM 826 to 1235 Δ | 6 |
| 40237 D | 83 | PVE 3/2Z | Tappet, Complete | TDRM 826 to 1235 Δ | 6 |
| 40232 D | 84 | PPT 22/1X | Felt Cushion | TDRM 826 to 1235 Δ | 6 |
| 40272 D | 85 | WVU 2026/2X | Closing Plug | TDRM 826 to 1235 Δ | 6 |
| 40211 D | | NP 7618 | Lubricating Instruction Plate | TDRM 826 to 1235 Δ | 1 |
| 40260 D | | WPL 2001/1X | Barrel Set Screw Lead Plug | TDRM 826 to 1235 Δ | 6 |
| 40329 D | | SC 150-2CA | Lubricating Instruction Plate Drive Rivet | TDRM 826 to 1235 Δ | 2 |
| 40329 D | | SC 150-2CA | Firing Order Designation Plate Drive Rivet | TDRM 826 to 1235 Δ | 2 |
| 40329 D | | SC 150-2CA | Name Plate Drive Rivet | TDRM 826 to 1235 Δ | 2 |
| 54310 D | | SP 1018 | Oil Filler Spring Ring | TDRM 826 to 1235 Δ | 1 |
| 54311 D | | PL 768 | Oil Filler Plate | TDRM 826 to 1235 Δ | 1 |
| 54545 D | | NST 113/35X | Inspection Cover Locating Dowel Pin | TDRM 826 to 1235 Δ | 1 |
| 54573 D | | CV 7634 A | Inspection Cover, 54574 D with Gasket, 54575 D | TDRM 826 to 1235 Δ | 1 |
| 54546 D | | BG 7633 | Oil Gauge Rod Bushing | TDRM 826 to 1235 Δ | 1 |
| 54611 D | | NP 7641 | Firing Order Designation Plate | TDRM 826 to 1235 Δ | 1 |
| 57507 D | | SC 7657 | Lubricating Oil Drain Plug | TDRM 826 to 1235 Δ | 1 |
| 57508 D | | GA 76100 | Lubricating Oil Drain Plug Gasket | TDRM 826 to 1235 Δ | 1 |
| | | | **OVERFLOW VALVE UNIT** | | |
| 54374 D | 40 | SC 7630 | Valve Screw | TDRM 826 to 1235 Δ | 1 |
| 40401 D | 41 | WSF 2177/1X | Valve Spring | TDRM 826 to 1235 Δ | 1 |
| 40399 DA | 42 | PVE 48 A1X | Valve Proper | TDRM 826 to 1235 Δ | 1 |
| 54373 DB | 43 | 7923 | Valve Body | TDRM 826 to 1235 Δ | 1 |
| 54372 DB | 44 | VA 7613 A | Overflow Valve, Complete | TDRM 826 to 1235 Δ | 1 |

Δ - Not TDRM 835

**Always give PUMP SERIAL NUMBERS when ordering Parts.**




**AMERICAN BOSCH FUEL INJECTION PUMP (Special)—Engines TDRM 1236 to 4661; Not 4314 or 4512**

*Reference numbers only are shown in illustration. Use I H C part numbers in ordering.*
*Unnumbered parts in the illustrations are the same as corresponding parts shown with numbers.*

| I H C PART NUMBER | REF. NO. | MFR'S. NUMBER | DESCRIPTION | SERIAL NUMBER | NO. REQ'D |
|---|---|---|---|---|---|
| | | | **AMERICAN BOSCH FUEL INJECTION PUMP (Special)** | | |
| 56110 D | | | INJECTION PUMP UNIT, COMPLETE | | |
| | | | (APE 6A90N-320S515) | TDRM 1236 TO 2345 | 1 |
| 61244 D | | | INJECTION PUMP UNIT, COMPLETE | | |
| | | | (APE 6A90N-320S90F) | TDRM 2346 TO 4661 ⊕ | 1 |
| 40255 D | 1 | WMU 9A 2X | DELIVERY VALVE HOLDER PROTECTION CAP | TDRM 1236 TO 4661 ⊕ | 6 |
| 54320 D | 2 | HP 7624 | DELIVERY VALVE HOLDER | TDRM 1236 TO 4661 ⊕ | 6 |
| 54329 D | 3 | SP 7617 | DELIVERY VALVE SPRING | TDRM 1236 TO 4661 ⊕ | 6 |
| 54326 D | 4 | VA 7636 A | DELIVERY VALVE AND SEAT | TDRM 1236 TO 4661 ⊕ | 6 |
| 55361 D | 5 | WNR-2021/3X | DELIVERY VALVE HOLDER GASKET | TDRM 1236 TO 4661 ⊕ | 6 |
| 54337 D | 6 | BC 764-2A | PLUNGER AND BARREL | TDRM 1236 TO 4661 ⊕ | 6 |
| 54332 D | 7 | WSR 2100/2X | TOOTHED SEGMENT CLAMPING SCREW | TDRM 1236 TO 4661 ⊕ | 6 |
| 54331 D | 8 | PZR 44/1X | TOOTHED SEGMENT | TDRM 1236 TO 4661 ⊕ | 6 |
| 54330 D | 9 | PMB 3/2X | CONTROL SLEEVE | TDRM 1236 TO 4661 ⊕ | 6 |
| 54334 D | 10 | PMS 7/2X | PLUNGER SPRING SEAT, UPPER | TDRM 1236 TO 4661 ⊕ | 6 |
| 54595 D | 11 | WRV 1A2X | FUEL INLET UNION NUT | TDRM 1236 TO 4661 ⊕ | 1 |
| 54290 D | 12 | WMU 511/2X | CAMSHAFT NUT | TDRM 1236 TO 4661 ⊕ | 1 |
| | 13 | | FOLLOWS REFERENCE NO. 23 | | |
| 56112 D | 14 | PL 7630 | END PLATE | TDRM 1236 TO 4661 ⊕ | 1 |
| 56112 DX | 14A | PL 7629 A | END PLATE WITH OIL SEAL, 54295 D | TDRM 1236 TO 4661 ⊕ | 1 |
| 54295 D | 15 | PK 764 | END PLATE OIL SEAL | TDRM 1236 TO 4661 ⊕ | 1 |
| 64960 D | 16 | | CAMSHAFT BEARING OUTER RACE | TDRM 1236 TO 4661 ⊕ | 2 |
| 54293 D | 17 | NKL 6/17Z | CAMSHAFT BEARING (N.D. 17H) | | |
| | | | (64959 D, 60 AND 61 D) | TDRM 1236 TO 4661 ⊕ | 2 |
| 40216 D | 18 | NSR 734/19X | END PLATE FASTENING SCREW | TDRM 1236 TO 4661 ⊕ | 4 |
| 64998 D | 19 | GA 76135 | END PLATE GASKET | TDRM 1236 TO 4661 ⊕ | 1 |
| 64961 D | 20 | | CAMSHAFT BEARING RETAINER WITH BALLS | TDRM 1236 TO 4661 ⊕ | 2 |
| 54292 D | 21 | | CAMSHAFT ROLLER BEARING (ORDER 54293 D) | TDRM 1236 TO 4661 ⊕ | 2 |
| 64959 D | 21 | | CAMSHAFT BEARING INNER RACE | TDRM 1236 TO 4661 ⊕ | 2 |
| 54291 D | 22 | NKE 5/1X | CAMSHAFT KEY (WOODRUFF NO. ) | TDRM 1236 TO 4661 ⊕ | 1 |
| 68728 D | 23 | WA-226 | CAMSHAFT 56111 DA WITH 6 TAPPETS, 54345 DA | | |
| | | | (WILL WORK FOR 56111 D) | TDRM 1236 TO 4661 ⊕ | 1 |
| 56111 D | 23 | | CAMSHAFT (ORDER 68728 D) | TDRM 1236 TO 4661 ⊕ | |
| 56111 DA | 23 | PAC 59/A2X | CAMSHAFT | TDRM 1236 TO 4661 ⊕ | 1 |
| | 13 | WA 516 | LOCKWASHER, 1/2" | TDRM 1236 TO 4661 ⊕ | 1 |
| 56113 D | 24 | WMS 2215/1X | CAMSHAFT OIL THROWER | TDRM 1236 TO 4661 ⊕ | 1 |
| 54296 D | 25 | WMS 101/11X | BEARING ADJUSTING WASHER | TDRM 1236 TO 4661 ⊕ | 1 |
| 54297 D | 25 | WMS 101/27X | BEARING ADJUSTING WASHER | TDRM 1236 TO 4661 ⊕ | X |
| 54298 D | 25 | WMS 101/25X | BEARING ADJUSTING WASHER | TDRM 1236 TO 4661 ⊕ | X |
| 60737 D | 26 | PG 7618 | OIL HOLE CLOSING PLUG | TDRM 1236 TO 4661 ⊕ | 1 |
| 56116 D | 27 | PMK 14/1X | CONTROL ROD PROTECTION COVER | TDRM 1236 TO 4661 ⊕ | 1 |
| 54343 D | 28 | WNS 2034/4X | BARREL SET SCREW GASKET | TDRM 1236 TO 4661 ⊕ | 6 |
| 54342 D | 29 | WSR 2099/3X | BARREL SET SCREW | TDRM 1236 TO 4661 ⊕ | 6 |
| 54317 D | 30 | PRV 27/2X | INSPECTION COVER FASTENING SCREW STUD | TDRM 1236 TO 4661 ⊕ | 2 |
| 56119 DB | 30A | GA 76/122 | INSPECTION COVER GASKET | TDRM 1236 TO 4661 ⊕ | 1 |
| 54322 D | 31 | RG 762 | DELIVERY VALVE HOLDER LOCKING RING | TDRM 1236 TO 4661 ⊕ | 6 |
| 54323 D | 32 | KY 761 | DELIVERY VALVE HOLDER LOCKING KEY | TDRM 1236 TO 4661 ⊕ | 3 |

⊕ - NOT TDRM 4313 OR 4512 X - AS REQUIRED

**Always give PUMP SERIAL NUMBERS when ordering Parts.**

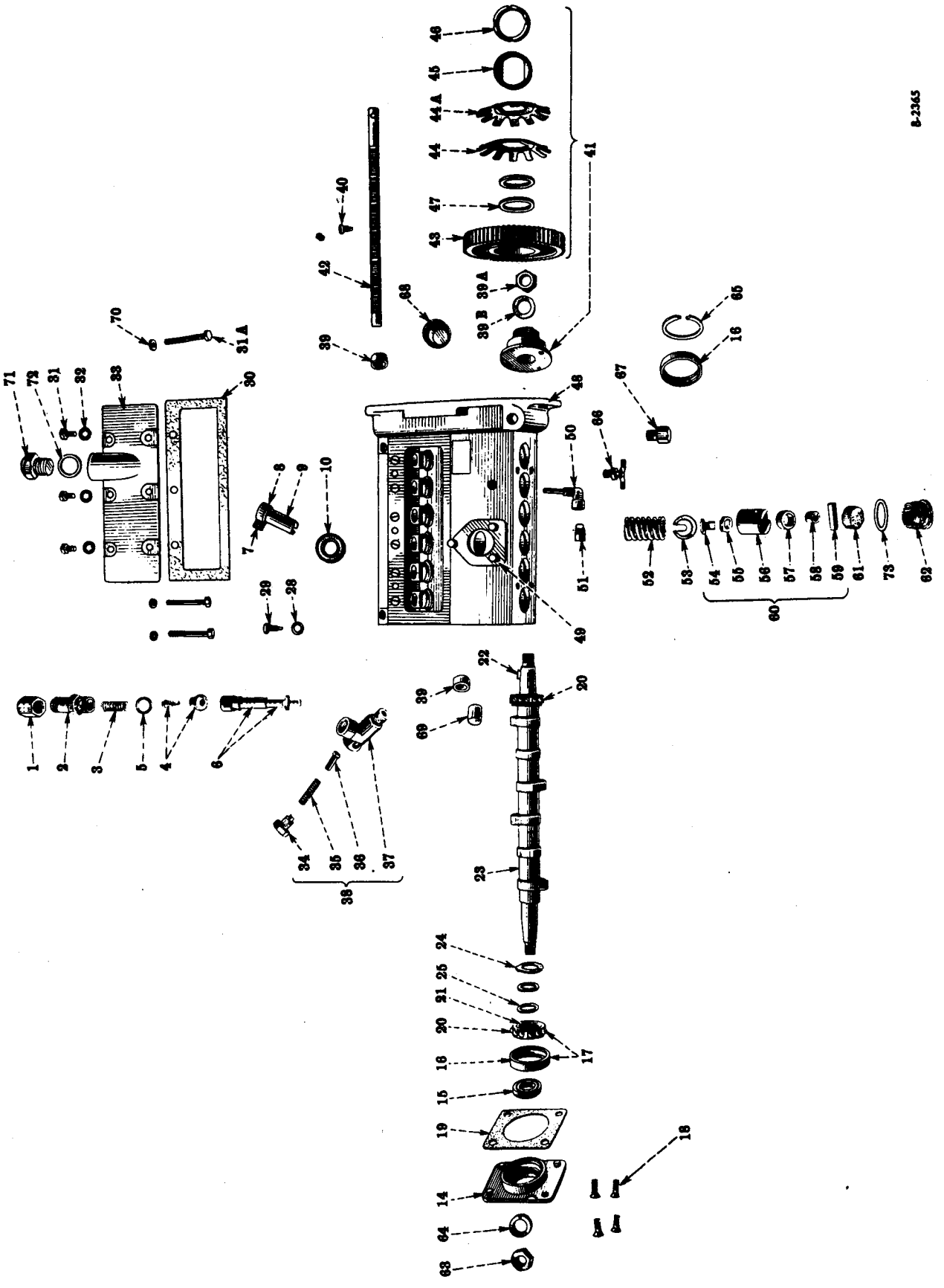
# DIESEL ENGINE

## AMERICAN BOSCH FUEL INJECTION PUMP (Special)—Continued

| I H C PART NUMBER | REF. NO. | MFR'S. NUMBER | DESCRIPTION | SERIAL NUMBER | NO. REQ'D |
|---|---|---|---|---|---|
| 54321 D | 33 | CV 768 | Delivery Valve Holder Locking Cover | TDRM 1236 to 4661 ⊕ | 3 |
| 54324 D | 34 | SC 7616 | Delivery Valve Holder Securing Screw | TDRM 1236 to 4661 ⊕ | 3 |
| 60740 D | 35 | CV 76126 A | Pump Housing Breather, Complete | | |
| | | | (Will Work for 54308 DX) | TDRM 2346 to 4661 ⊕ | 1 |
| 54308 DX | 35 | CV 7635A | Injection Cover Oil Filler Cap (Order 60740 D) | TDRM 1236 to 2345 | 1 |
| 54315 D | 36 | SC 7625 | Inspection Cover Fastening Screw | TDRM 1236 to 4661 ⊕ | 2 |
| 54316 D | 37 | NMR 11/3X | Inspection Cover Fastening Screw Spring Washer | TDRM 1236 to 4661 ⊕ | 2 |
| 56118 D | 38 | CV 7621 | Inspection Cover | TDRM 1236 to 4661 ⊕ | 1 |
| | | | | | |
| | 39 to 43 | | See Overflow Valve Unit | | |
| | | | | | |
| 54464 D | 44 | PN 7917 | Control Rod Linkage Pin | TDRM 1236 to 4661 ⊕ | 1 |
| 54530 D | 45 | WA 22-6 | Control Rod Linkage Pin Lockwasher | | |
| | | | (Order 69780 H) (Shakeproof 1212) | TDRM 1236 to 4661 ⊕ | 1 |
| 68780 H | 45 | WA 22-6 | Control Rod Securing Screw Lockwasher | | |
| | | | (Shakeproof 1212) (Will Work for 54530 D) | TDRM 1236 to 4661 ⊕ | |
| 54530 D | 45A | WA 22-6 | Control Rod Securing Screw Lockwasher | | |
| | | | (Order 69780 H) (Shakeproof 1212) | TDRM 1236 to 4661 ⊕ | 1 |
| 54303 D | 46 | BG 765 | Control Rod Bushing, R.H. | TDRM 1236 to 4661 ⊕ | 1 |
| 54299 D | 47 | BG 763 | Control Rod Bushing | TDRM 1236 to 4661 ⊕ | 2 |
| 54460 D | 48 | HP 795 | Control Rod Extension Arm | TDRM 1236 to 4661 ⊕ | 1 |
| 54306 D | 49 | WSR 2125/1X | Control Rod Securing Screw | TDRM 1236 to 4661 ⊕ | 1 |
| | | | | | |
| 54386 D | 50 | SC 7641 | Governor Housing Securing Plug | TDRM 1236 to 4661 ⊕ | 1 |
| 54302 D | 51 | BG 764 | Control Rod Bushing, L.H. | TDRM 1236 to 4661 ⊕ | 1 |
| 54408 DA | 52 | GE 7921A | Drive Gear, Complete | TDRM 1236 to 4661 ⊕ | 1 |
| 56115 D | 53 | RD 7641 | Control Rod | TDRM 1236 to 4661 ⊕ | 1 |
| 54468 DA | 54 | SC 7937 | Control Rod Securing Screw | TDRM 1236 to 4661 ⊕ | 1 |
| 54385 D | 55 | NSR 736/20X | Governor Housing Securing Screw, Upper | TDRM 1236 to 4661 ⊕ | 1 |
| 40298 D | 56 | NSR 494/22X | Governor Housing Securing Screw, Lower | TDRM 1236 to 4661 ⊕ | 4 |
| 54410 DA | 57 | GE 791 | Drive Gear | TDRM 1236 to 4661 ⊕ | 1 |
| 54414 DB | 58 | DC 791 | Governor Drive Spring Disc | TDRM 1236 to 4661 ⊕ | 1 |
| 54415 D | 59 | WA 795 | Gear Adjusting Nut Lockwasher | TDRM 1236 to 4661 ⊕ | 1 |
| 54416 D | 60 | NT 795 | Gear Adjusting Nut | TDRM 1236 to 4661 ⊕ | 1 |
| | | | | | |
| 54411 D | 61 | SR 794/1 | Adjusting Spacer, .035" | TDRM 1236 to 4661 ⊕ | X |
| 54412 D | 61 | SR 794/2 | Adjusting Spacer, .049" | TDRM 1236 to 4661 ⊕ | X |
| 54413 D | 61 | SR 794/3 | Adjusting Spacer, .065" | TDRM 1236 to 4661 ⊕ | X |
| | | | | | |
| 54409 DA | 62 | HB 793 | Drive Gear Hub | TDRM 1236 to 4661 ⊕ | 1 |
| 54384 D | 63 | HG 7938 | Governor Housing | TDRM 1236 to 4661 ⊕ | 1 |
| 54387 DB | 64 | GA 7984 | Governor Housing Gasket | TDRM 1236 to 4661 ⊕ | 1 |
| 56114 DBX | 65 | HG 7698 A | Pump Housing, Complete | TDRM 1236 to 4661 ⊕ | 1 |
| | | | Pipe Plug, 1/8" | | 2 |
| 40244 D | 66 | WBO 2141/1X | Fuel Supply Pump Stud | TDRM 1236 to 4661 ⊕ | 3 |
| | 81 | NMS 214/1X | Lockwasher, 1/4" | | 3 |
| 56122 D | 66A | TU 762 | Lubricating Oil Overflow Tube | TDRM 1236 to 4661 ⊕ | 1 |
| 30402 D | 67 | | Lubricating Oil Overflow Elbow | TDRM 1236 to 4661 ⊕ | 1 |
| 56121 D | 67A | FI 7613 A | Lubricating Oil Overflow Connection with Nut, | | |
| | | | 29898 D | TDRM 1236 to 4661 ⊕ | 1 |
| 29898 D | 68 | FI 7611 | Lubricating Oil Overflow Elbow Nut | TDRM 1236 to | 1 |
| 54333 DA | 69 | WSF2205A-400X | Plunger Spring | TDRM 1236 to 4661 ⊕ | 6 |
| 54335 D | 70 | PMS 6/1X | Plunger Spring Seat, Lower | TDRM 1236 to 4661 ⊕ | 6 |
| 54346 D | 71 | PSR 3/1X | Tappet Screw | TDRM 1236 to 4661 ⊕ | 6 |
| 54347 D | 72 | WMU 2066/2X | Tappet Screw Lock Nut | TDRM 1236 to 4661 ⊕ | 6 |

⊕ - Not TDRM 4313 or 4512 X - As Required

**Always give PUMP SERIAL NUMBERS when ordering Parts.**




**AMERICAN BOSCH INJECTION PUMP UNIT (Special)—Engines TDRM 4662 up; also 4314 4512 and 15001**

*Reference numbers only are shown in illustration. Use I H C part numbers in ordering.*

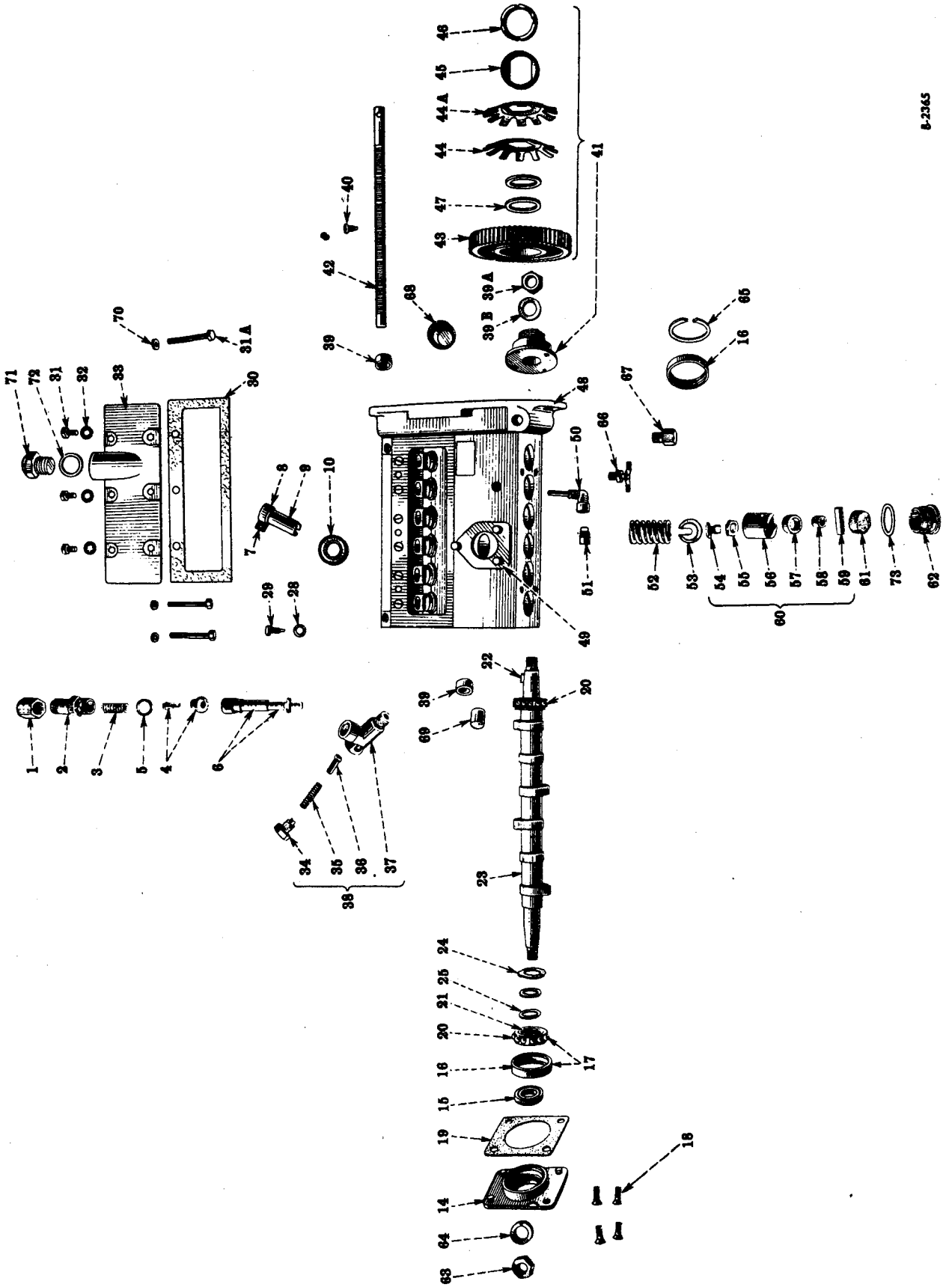
*Unnumbered parts in the illustrations are the same as corresponding parts shown with numbers.*

# DIESEL ENGINE

| I H C PART NUMBER | REF. NO. | MFR'S. NUMBER | DESCRIPTION | SERIAL NUMBER | NO. REQ'D | |
|---|---|---|---|---|---|---|
| | | | **AMERICAN BOSCH FUEL INJECTION PUMP (Special)—Continued** | | | |
| 54348 DBX | 73 | PKB 41AIX | TAPPET SHELL WITH INSERT | TDRM 1236 TO 4661 ‡ | 6 | |
| 54351 D | 74 | PRL 1/3X | TAPPET ROLLER | TDRM 1236 TO 4661 ‡ | 6 | |
| 54350 D | 75 | PMB 4/1X | TAPPET ROLLER BUSHING | TDRM 1236 TO 4661 ‡ | 6 | |
| 54349 D | 76 | PBO 1/1X | TAPPET PIN | TDRM 1236 TO 4661 ‡ | 6 | |
| 54345 DA | 77 | PKB 41AIZ | TAPPET, COMPLETE | TDRM 1236 TO 4661 ‡ | 6 | |
| 54481 D | 78 | PPT 22/2X | FELT CUSHION | TDRM 1236 TO 4661 ‡ | 6 | |
| 54358 D | 79 | PVU 2/1X | CLOSING PLUG | TDRM 1236 TO 4661 ‡ | 6 | |
| 40217 D | 80 | NT 762 | PUMP HOUSING SECURING NUT | TDRM 1236 TO 4661 ‡ | 3 | |
| | 81 | | FOLLOWS REFERENCE NO. 66 | | | |
| 40208 D | 82 | NMS 601/2X | PUMP HOUSING SECURING WASHER | TDRM 1236 TO 4661 ‡ | 3 | |
| 30402 DX | | FI 7624 | LUBRICATING OIL OVERFLOW ELBOW WITH NUT, 29898 D | TDRM 1236 TO 4661 ‡ | 1 | |
| 40211 D | | NP 7618 | LUBRICATING INSTRUCTION PLATE | TDRM 1236 TO 4661 ‡ | 1 | |
| 40329 DA | | SC 150-2CA | LUBRICATING INSTRUCTION PLATE DRIVE RIVET | TDRM 1236 TO 4661 ‡ | 2 | |
| 40329 DA | | SC 150-2CA | NAME PLATE DRIVE RIVET | TDRM 1236 TO 4661 ‡ | 2 | |
| 40329 DA | | SC 150-2CA | FIRING ORDER DESIGNATION PLATE DRIVE RIVET | TDRM 1236 TO 4661 ‡ | 2 | |
| 54310 D | | SP 1018 | OIL FILLER SPRING RING | TDRM 1236 TO 4661 ‡ | 1 | |
| 54311 D | | PL 768 | OIL FILLER PLATE | TDRM 1236 TO 4661 ‡ | 1 | |
| 54312 D | | BM 1083 | OIL FILLER FILTERING ELEMENT | TDRM 1236 TO 4661 ‡ | 1 | |
| 54318 DX | | RD 7644 A | LUBRICATING OIL GAUGE ROD, COMPLETE (ORDER 59911 D) | TDRM 1236 TO 4661 ‡ | 1 | |
| 54344 D | | PG 763 | BARREL SET SCREW LEAD PLUG | TDRM 1236 TO 4661 ‡ | 6 | |
| 54545 D | | NST 113/35X | INSPECTION COVER DOWEL | TDRM 1236 TO 4661 ‡ | | |
| 54611 D | | NP 7641 | INSPECTION FIRING DESIGNATION PLATE | TDRM 1236 TO 4661 ‡ | | |
| 56117 D | | CV 7632 A | INSPECTION COVER, COMPLETE | TDRM 1236 TO 4661 ‡ | 1 | |
| 57505 DX | | RD 7682 A | LUBRICATING OIL GAUGE ROD WITH KNOB (ORDER 59911 D) | TDRM 1236 TO 4661 ‡ | 1 | |
| 57506 D | | BG 7634 | OIL GAUGE ROD BUSHING (REMOVE AND USE 60737 D) | TDRM 1236 TO 4661 ‡ | 1 | |
| 57507 D | | SC 7657 | LUBRICATING OIL DRAIN PLUG | TDRM 1236 TO 4661 ‡ | 1 | |
| 57508 D | | GA 76100 | LUBRICATING OIL DRAIN PLUG GASKET | TDRM 1236 TO 4661 ‡ | 1 | |
| 59911 D | | | PUMP HOUSING OIL GAUGE HOLE CAP (WILL WORK FOR 54318 DX AND 57505 DX) (SEE NOTE) | TDRM 1236 TO 4661 ‡ | 1 | |
| | | | NOTE - IF BUSHING, 57506 D IS REMOVED THEN 60737 D WILL WORK) | | | |
| | | | **OVERFLOW VALVE UNIT** | | | |
| 54374 D | 39 | SC 7630 | VALVE SCREW | TDRM 1236 TO 4661 ‡ | 1 | |
| 40401 D | 40 | WSF 2177/1X | VALVE SPRING | TDRM 1236 TO 4661 ‡ | 1 | |
| 40399 DA | 41 | PVE 48 AIX | VALVE PROPER | TDRM 1236 TO 4661 ‡ | 1 | |
| 54373 DB | 42 | VA 7923 | VALVE BODY | TDRM 1236 TO 4661 ‡ | 1 | |
| 54372 DB | 43 | VA 7613 A | OVERFLOW VALVE, COMPLETE | TDRM 1236 TO 4661 ‡ | 1 | |

‡ - NOT TDRM 4314 OR 4512

**Always give PUMP SERIAL NUMBERS when ordering Parts.**




**AMERICAN BOSCH INJECTION PUMP UNIT (Special)—Engines TDRM 4662 up; also 4314 4512 and 15001**

*Reference numbers only are shown in illustration. Use I H C part numbers in ordering.*

*Unnumbered parts in the illustrations are the same as corresponding parts shown with numbers.*

# DIESEL ENGINE

| I H C PART NUMBER | REF. NO. | MFR'S. NUMBER | DESCRIPTION | SERIAL NUMBER | NO. REQ'D |
|---|---|---|---|---|---|
| | | | **AMERICAN BOSCH FUEL INJECTION PUMP UNIT (Special)** | | |
| 61910 D | | APE 6A 90P | | | |
| | | 320 K602 | Pump Unit, Complete | TDRM 4662 to 15000 | 1 |
| 252499 R91 | | APE 4A 90P | | | |
| | | 320 K 702 | Pump Unit, Complete | TDRM 15001 up | 1 |
| | | | | | |
| | | | | | |
| 40255 D | 1 | WMU 9ARX | Injection Pump Delivery Valve Holder | | |
| | | | Protection Cap | TDRM 4662 to 15000 | 6 |
| 253425 R1 | 1 | | Injection Pump Delivery Valve Holer | | |
| | | | Protection Cap | TDRM 15001 up | 6 |
| 54320 D | 2 | HP 7624 | Injection Pump Delivery Valve Holder | TDRM 4662 to 15000 | 6 |
| 252498 R1 | 2 | | Injection Pump Delivery Valve Holder | TDRM 15001 up | 6 |
| 54329 D | 3 | SP 7617 | Injection Pump Delivery Valve Spring | TDRM 4662 up (†) | 6 |
| 54326 D | 4 | VA 7636A | Injection Pump Delivery Valve and Seat | TDRM 4662 up (†) | 6 |
| 55361 D | 5 | WNR 2021/3X | Injection Pump Delivery Valve Holder Gasket | TDRM 4662 up (†) | 6 |
| | | | | | |
| 54337 D | 6 | BC 7641 2A | Injection Pump Plunger and Barrel | TDRM 4662 up (†) | 6 |
| 54332 D | 7 | WSR 2100/2X | Injection Pump Plunger Toothed Segment | | |
| | | | Clamping Screw | TDRM 4662 up (†) | 6 |
| 54331 D | 8 | PZR 44/1X | Injection Pump Plunger Toothed Segment | TDRM 4662 up (†) | 6 |
| 54330 D | 9 | PMB 3/2X | Injection Pump Plunger Control Sleeve | TDRM 4662 up (†) | 6 |
| 54334 D | 10 | PMS 7/2X | Injection Pump Plunger Spring Seat, Upper | TDRM 4662 up (†) | 6 |
| | | | | | |
| | | | | | |
| 56112 DX | 14 | PL 7629A | Injection Pump End Plate with Oil Seal | | |
| | | | 54295 D (Aluminum) (68614 DX Will Work) | TDRM 4662 up (†) | 1 |
| 68614 DX | 14 | PL 7629-1A | Injection Pump End Plate with Oil Seal | | |
| | | | 54295 D (Grey Iron) (56112 DX Will Work) | TDRM 4662 up (†) | 1 |
| 54295 D | 15 | PK 764 | Injection Pump End Plate Oil Seal | TDRM 4662 up (†) | 1 |
| | | | | | |
| 64960 D | 16 | | Injection Pump Camshaft Ball Bearing | | |
| | | | Outer Race (Order 54293 D) | TDRM 4662 up (†) | 2 |
| 54293 D | 17 | NKL 6/17Z | Injection Pump Camshaft Ball Bearing | | |
| | | | (Will Work for 64959 D, 64960 D and | | |
| | | | Retainer with Balls 64961 D) | | |
| | | | (New Departure No. 17-H) | TDRM 4662 up (†) | 2 |
| 40216 D | 18 | NSR 734/19X | Injection Pump End Plate Fastening Screw | TDRM 4662 up (†) | 4 |
| 64998 D | 19 | GA 76135 | Injection Pump End Plate Gasket | | |
| | | | (Used with Aluminum End Plate 56112 DX) | TDRM 4662 up (†) | 1 |
| 69057 D | 19 | GA 76127 | Injection Pump End Plate Gasket | | |
| | | | (Used with Cast Iron End Plate 68614 DX) | TDRM 4662 up (†) | 1 |
| | | | | | |
| | | | | | |
| 64961 D | 20 | | Injection Pump Camshaft Ball Bearing | | |
| | | | Retainer and Balls (Order 54293 D) | TDRM 4662 up (†) | 2 |
| 64959 D | 21 | | Injection Pump Camshaft Ball Bearing | | |
| | | | Inner Race (Order 54293 D) | TDRM 4662 up (†) | 2 |
| 54291 D | 22 | NKE 5/1X | Injection Pump Camshaft Woodruff Key | TDRM 4662 up (†) | 2 |
| 56111 DA | 23 | PAC 59AZX | Injection Pump Camshaft | TDRM 4662 up (†) | 1 |
| 56113 D | 24 | WMS 2215/1X | Injection Pump Camshaft Oil Thrower | TDRM 4662 up (†) | 2 |
| | | | | | |
| 54296 D | 25 | WMS 101/11X | Injection Pump Bearing Adjusting Washer | | |
| | | | (0.1M/M) | TDRM 4662 up (†) | x |
| 54297 D | 25 | WMS 101/27X | Injection Pump Bearing Adjusting Washer | | |
| | | | (0.2M/M) | TDRM 4662 up (†) | x |
| | | | | | |

(†) - Also 4314, 4512 and 15001 x - As Required

**Always give PUMP SERIAL NUMBERS when ordering Parts.**

## AMERICAN BOSCH FUEL INJECTION PUMP UNIT (Special)—Continued

| I H C PART NUMBER | REF. NO. | MFR'S. NUMBER | DESCRIPTION | SERIAL NUMBER | NO. REQ'D |
|---|---|---|---|---|---|
| 54298 D | 25 | WMS 101/25X | Injection Pump Bearing Adjusting Washer | | |
| | | | (0.3M/M) | TDRM 4662 up ⊕ | x |
| 62123 D | 28 | GA 7615 | Injection Pump Plunger Barrel Set | | |
| | | | Screw Gasket | TDRM 4662 up ⊕ | 6 |
| 61969 D | 29 | SC 7660 | Injection Pump Plunger Barrel Set Screw | TDRM 4662 up ⊕ | 6 |
| 62119 D | 30 | GA 76117 | Injection Pump Inspection Cover Gasket | TDRM 4662 up ⊕ | 1 |
| 62120 D | 31 | SC 1119-1 | Injection Pump Inspection Cover Fastening | | |
| | | | Screw, Short | TDRM 4662 up ⊕ | 3 |
| 62121 D | 31A | SC 7661 | Injection Pump Inspection Cover Fastening | | |
| | | | Screw, Long | TDRM 4662 up ⊕ | 3 |
| 52745 V | 32 | WA22-8CA | Injection Pump Inspection Cover Short | | |
| | | | Fastening Screw Lockwasher (Cadmium | | |
| | | | Plated) (Shakeproof No. 1214) | TDRM 4662 up ⊕ | 3 |
| 138167 | 32 | WA22-8BL | Inspection Cover Fastening Screw Short | | |
| | | | Lockwasher (Shakeproof No. 1214) | | |
| | | | (Will Work for 52745 V) | | 3 |
| 62116 D | 33 | CV 76117 | Injection Pump Inspection Cover | TDRM 4662 up ⊕ | 1 |
| 54274 D | 34 | SC 7630 | Injection Pump Overflow Valve Screw | TDRM 4662 up ⊕ | 1 |
| 40401 D | 35 | WSF 2177/1X | Injection Pump Overflow Valve Spring | TDRM 501 to 15000 | 1 |
| 40399 DA | 36 | PVE 48 A1X | Injection Pump Overflow Valve | TDRM 4662 up ⊕ | 1 |
| 54373 DB | 37 | VA 7923 | Injection Pump Overflow Valve Body | TDRM 4662 up ⊕ | 1 |
| 54372 DB | 38 | VA 7613A | Injection Pump Overflow Valve, Complete | TDRM 4662 up ⊕ | 1 |
| 54299 D | 39 | BG 763 | Injection Pump Plunger Control Rod Bushing | TDRM 4662 up ⊕ | 2 |
| 62199 D | 39A | NT 7921 | Injection Pump Camshaft Hex Nut | | |
| | | | (Governor Drive Gear End) | TDRM 4662 up ⊕ | 1 |
| | 39B | WA5-16-CA | Lockwasher, 1/2" | | 1 |
| 54306 D | 40 | WSR 2125/1X | Injection Pump Plunger Control Rod Screw | TDRM 4662 up ⊕ | 1 |
| 62193 D | 41 | GE 7918A | Governor Drive Gear with Hub, Complete | TDRM 4662 up ⊕ | 1 |
| 61964 D | 42 | RD 7693 | Injection Pump Plunger Control Rod | TDRM 4662 up ⊕ | 1 |
| 62195 D | 43 | GE 7919 | Governor Drive Gear | TDRM 4662 up | 1 |
| 62196 D | 44 | DC 792 | Governor Drive Gear Spring Disc, Inner | TDRM 4662 up | 1 |
| 62197 D | 44A | DC 795 | Governor Drive Gear Spring Disc, Outer | TDRM 4662 up | 1 |
| 62198 D | 45 | WA 7918 | Governor Drive Gear Hub Nut Lock | TDRM 4662 up | 1 |
| 54416 D | 46 | NT 795 | Governor Drive Gear Hub Nut | TDRM 4662 up ⊕ | 1 |
| 54411 D | 47 | SR 795/1 | Governor Drive Gear Spring Disc | | |
| | | | Adjusting Spacer (.035") | TDRM 4662 up ⊕ | x |
| 54412 D | 47 | SR 794/2 | Governor Drive Gear Spring Disc Adjusting | | |
| | | | Spacer (.049") | TDRM 4662 up ⊕ | x |
| 54413 D | 47 | SR 794/3 | Governor Drive Gear Spring Disc Adjusting | | |
| | | | Spacer (.065") | TDRM 4662 up ⊕ | x |
| 62622 D | 47 | SR 794-4 | Governor Drive Gear Spring Disc Adjusting | | |
| | | | Spacer (.020") | TDRM 4662 up | x |
| 61919 DX | 48 | HG 76204A | Injection Pump Housing, Complete | TDRM 4662 up ⊕ | 1 |
| 61956 D | 49 | SD 7610 | Injection Pump Fuel Supply Pump Stud | TDRM 4662 up ⊕ | 3 |

⊕ - Also 4314, 4512 and 15001

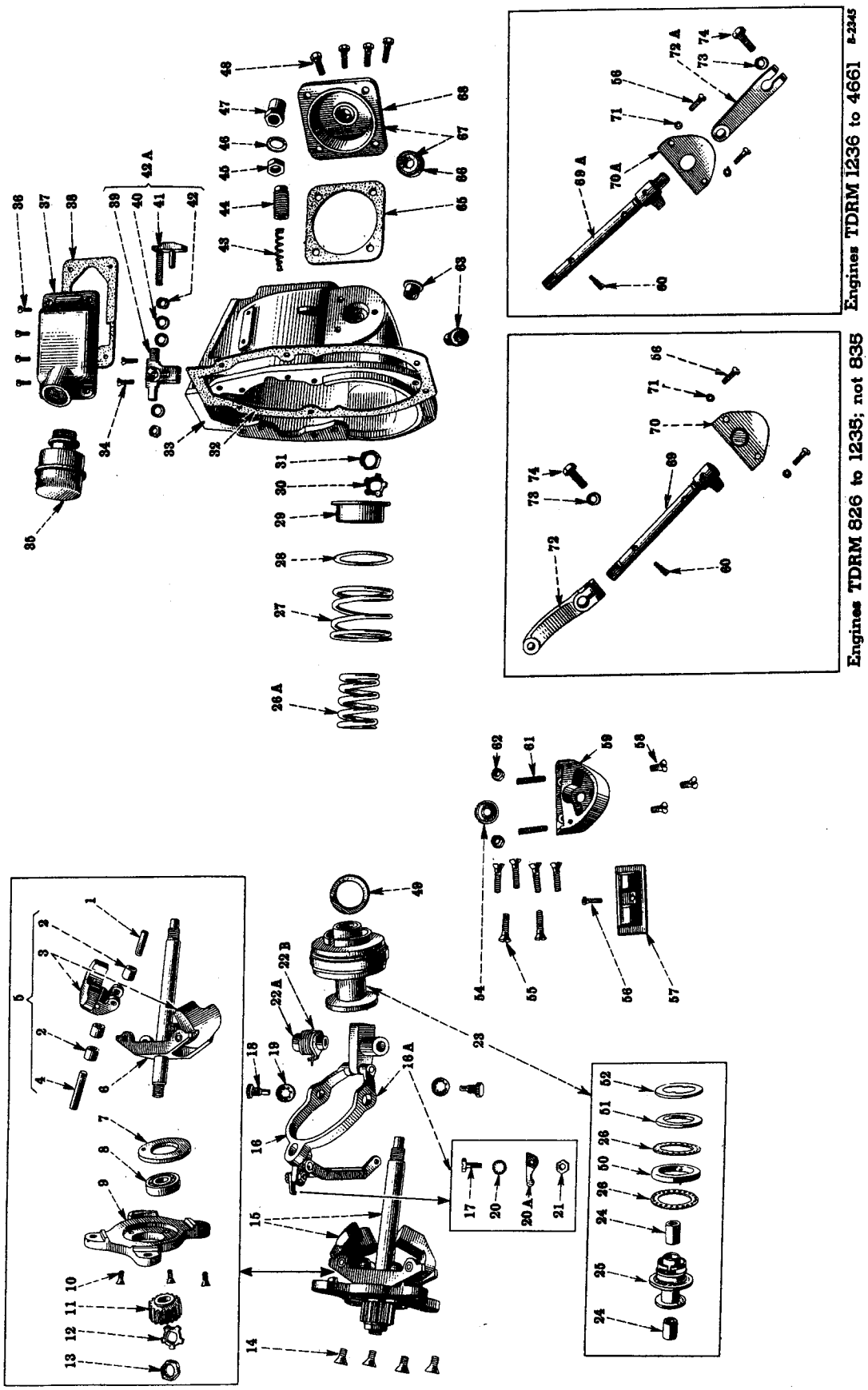
X - As Required

# DIESEL ENGINE

| I H C PART NUMBER | REF. NO. | MFR'S. NUMBER | DESCRIPTION | SERIAL NUMBER | NO. REQ'D |
|---|---|---|---|---|---|
| | | | **AMERICAN BOSCH FUEL INJECTION PUMP UNIT (Special)—Continued** | | |
| 56121 D | 50 | FI 7613A | INJECTION PUMP LUBRICATING OIL OVERFLOW | | |
| | | | ELBOW WITH NUT, 29898 D | | 1 |
| 29898 D | 51 | FI 7611 | INJECTION PUMP LUBRICATING OIL OVERFLOW | | |
| | | | ELBOW NUT | TDRM 4662 UP † | 1 |
| 54333 DA | 52 | WSF 2205 400X | INJECTION PUMP PLUNGER SPRING | TDRM 4662 UP † | 6 |
| 54335 D | 53 | PMS 6/1X | INJECTION PUMP PLUNGER SPRING SEAT, LOWER | TDRM 4662 UP † | 6 |
| 54346 D | 54 | PSR 3/1X | INJECTION PUMP TAPPET SCREW | TDRM 4662 UP † | 6 |
| 54347 D | 55 | WMU 2066/2X | INJECTION PUMP TAPPET SCREW LOCK NUT | TDRM 4662 UP † | 6 |
| 54348 DBX | 56 | PKB 41A1X | INJECTION PUMP TAPPET SHELL WITH INSERT | TDRM 4662 UP † | 6 |
| 54351 D | 57 | PRL 1/3X | INJECTION PUMP TAPPET ROLLER | TDRM 4662 UP † | 6 |
| 54350 D | 58 | PMB 4/1X | INJECTION PUMP TAPPET ROLLER BUSHING | TDRM 4662 UP † | 6 |
| 54349 D | 59 | PBO 1/1X | INJECTION PUMP TAPPET PIN | TDRM 4662 UP † | 6 |
| 54345 DA | 60 | PKB 41A1Z | INJECTION PUMP TAPPET, COMPLETE | TDRM 4662 UP † | 6 |
| 54481 D | 61 | PPT 22/2X | INJECTION PUMP TAPPET FELT CUSHION | TDRM 4662 UP † | 6 |
| 62124 D | 62 | PG 7614 | INJECTION PUMP CLOSING PLUG | TDRM 4662 UP † | 6 |
| 54290 D | 63 | WMU 511/2X | INJECTION PUMP CAMSHAFT HEXAGON NUT | | |
| | | | (DRIVE END) | TDRM 4662 UP † | 1 |
| | 64 | WA5-16-CA | LOCKWASHER, 1/2" | | 1 |
| 61917 D | 65 | RG 767 | INJECTION PUMP CAMSHAFT BEARING | | |
| | | | RETAINER RING | TDRM 4662 UP † | 1 |
| 59708 D | 66 | FI 765 | INJECTION PUMP LUBRICATING OIL | | |
| | | | LEVEL COCK | TDRM 4662 UP † | 1 |
| 61958 D | 67 | PG 7617 | INJECTION PUMP LUBRICATION OIL DRAIN PLUG | TDRM 4662 UP † | 1 |
| 61959 DX | 68 | BA 791 | INJECTION PUMP HOUSING BAFFLE | TDRM 4662 UP † | 1 |
| 61965 D | 69 | CV 76108 | INJECTION PUMP PLUNGER CONTROL ROD | | |
| | | | PROTECTION COVER | TDRM 4662 UP † | 1 |
| 62122 D | 70 | GA 7613 | INJECTION PUMP INSPECTION COVER LONG | | |
| | | | FASTENING SCREW GASKET (ORDER 67870 D) | TDRM 4662 UP † | 3 |
| 67870 D | 70 | GA 7616 | INJECTION PUMP INSPECTION COVER LONG | | |
| | | | FASTENING SCREW GASKET (WILL WORK FOR 62122 D) | TDRM 4662 UP † | 3 |
| 62117 D | 71 | PG 7621 | INJECTION PUMP OIL FILLER PLUG | TDRM 4662 UP † | 1 |
| 61111 D | 72 | WMR 2041/2X | INJECTION PUMP OIL FILLER PLUG GASKET | TDRM 4662 UP † | 1 |
| 61970 D | 73 | WMR 2041/405X | INJECTION PUMP CLOSING PLUG GASKET | TDRM 4662 UP † | 6 |
| 40329 D | | SC-150-2CA | INJECTION PUMP NAME PLATE DRIVE RIVET | | |
| | | | (No. 0 x 1/8 PARKER KALON TYPE U) | TDRM 4662 UP † | 2 |
| 252497 R1 | | NP 7663 | NAME PLATE | TDRM 15001 UP | 1 |

† - ALSO 4314, 4512 AND 15001

**Always give PUMP SERIAL NUMBERS when ordering Parts.**




## AMERICAN BOSCH FUEL INJECTION PUMP GOVERNOR (Special)

*Reference numbers only are shown in illustration. Use I H C part numbers in ordering.*

*Unnumbered parts in the illustrations are the same as corresponding parts shown with numbers.*

# DIESEL ENGINE

| I H C PART NUMBER | REF. NO. | MFR'S. NUMBER | DESCRIPTION | SERIAL NUMBER | NO. REQ'D |
|---|---|---|---|---|---|
| | | | **AMERICAN BOSCH FUEL INJECTION PUMP GOVERNOR (Special)** | | |
| 54690 D | | | GOVERNOR, COMPLETE, GVB 225/600 A5 | TDRM 826 TO 1235 | 1 |
| | | | | NOT 835 | |
| 56154 D | | | GOVERNOR, COMPLETE, GVA 225/600 A14 | TDRM 1236 TO 2345 | 1 |
| 61136 D | | | GOVERNOR, COMPLETE, GVA/600A14F | TDRM 2346 TO 4661 | |
| | | | | NOT 4314 OR 4512 | |
| 70126 D | | | GOVERNOR, COMPLETE (GVA 225/700 - A14F) | | |
| | | | (*) USED ON SCRAPER MODIFICATION EUCLID 1) | | 1 |
| 54401 D | 1 | PN 7921 | GOVERNOR WEIGHT ROLLER PIN | TDRM 826 TO 4661 (‡) | 2 |
| 54399 D | 2 | BN 791 | GOVERNOR WEIGHT NEEDLE BEARING | | |
| | | | (TORRINGTON B-47) | TDRM 826 TO 4661 (‡) | 6 |
| 50387 D | 3 | WT 7914 | GOVERNOR WEIGHT (ORDER 54398 DV) | TDRM 826 TO 4661 (‡) | |
| 54398 DY | 3 | WT 7932 A | GOVERNOR WEIGHT 2 WITH 6 BEARINGS, 54399 D | | |
| | | | AND 2 PINS, 54401 D (WILL WORK FOR 50387 D) | TDRM 826 TO 4661 (‡) | 2 |
| 54405 D | 4 | PN 7918 | GOVERNOR WEIGHT PIN | TDRM 826 TO 4661 (‡) | 2 |
| 54404 D | 5 | WT 7915 A | GOVERNOR WEIGHT, COMPLETE, 54398 DX WITH SHAFT | | |
| | | | AND SPIDER, 54402 DX AND 2 PINS, 54405 D | TDRM 826 TO 4661 (‡) | 1 |
| 54402 DX | 6 | SH 796 A | GOVERNOR SHAFT WITH SPIDER | TDRM 826 TO 4661 (‡) | 1 |
| 54406 D | 7 | PL 799 | BEARING PLATE | TDRM 826 TO 4661 (‡) | 1 |
| 54407 D | 8 | BB 791 | BALL BEARING, INNER (SKF 16101) | TDRM 826 TO 4661 (‡) | 1 |
| 54417 D | 9 | BK 799 | BEARING BRIDGE | TDRM 826 TO 4661 (‡) | 1 |
| 58332 D | 10 | SC 57-7BL | SLOTTED SCREW, No. 7-32 x 7/16" N.C. | | |
| | | | (BEARING PLATE) | TDRM 826 TO 4661 (‡) | 3 |
| 54418 D | 11 | GE 792 | DRIVEN GEAR | TDRM 826 TO 4661 (‡) | 1 |
| 54379 D | 12 | WA 796 | DRIVEN GEAR SECURING NUT LOCKWASHER | TDRM 826 TO 4661 (‡) | 1 |
| 54378 D | 13 | NT 793 | DRIVEN GEAR SECURING NUT | TDRM 826 TO 4661 (‡) | 1 |
| 58335 D | 14 | SC 63-8 BL | SLOTTED SCREW, 1/4 x 1/2" N.C. (BEARING BRIDGE) | TDRM 826 TO 4661 (‡) | 4 |
| 54400 D | 15 | WT 7912 A | GOVERNOR WEIGHT AND SHAFT, COMPLETE | TDRM 826 TO 4661 (‡) | 1 |
| 54442 D | 16 | LE 7933 A | FULCRUM YOKE, COMPLETE | TDRM 826 TO 4661 (‡) | 1 |
| 54450 D | 16A | LE 7921/1A | FULCRUM YOKE LEVER, COMPLETE WITH SMOKE CAM | TDRM 826 TO 4661 (‡) | 1 |
| 54430 D | 17 | SC 7931 | SMOKE LIMIT CAM SCREW | TDRM 826 TO 4661 (‡) | 1 |
| | 21 | NT-4-5 | HEX. NUT, No. 10 - 32 N.F. | TDRM 1236 TO 4661 (‡) | 1 |
| 54451 DA | 18 | SC 7929 | FULCRUM YOKE PIVOT SCREW | TDRM 826 TO 4661 (‡) | 2 |
| 13897 D | 19 | | FULCRUM YOKE PIVOT SCREW LOCKWASHER | | |
| | | | (SHAKEPROOF No. 1118) (WILL WORK FOR 22891 D) | TDM 826 TO 4661 (‡) | 2 |
| 22891 D | 19 | WA 22-10 | FULCRUM YOKE PIVOT SCREW LOCKWASHER | | |
| | | | (SHAKEPROOF No. 1218) (ORDER 13897 D) | TDRM 826 UP | 2 |
| | | | | NOT 835 | |
| 54529 D | 20 | WA 21-5 | SMOKE LIMIT CAM SCREW LOCKWASHER | TDRM 826 TO 4661 (‡) | 1 |
| 54528 DA | 20A | CA 792/1 | SMOKE LIMIT CAM | TDRM 826 TO 4661 (‡) | 1 |
| | 21 | | FOLLOWS REFERENCE No. 17 | | |

(‡) - NOT TDRM 835, 4314 OR 4512

(*) - FOR TABULATION OF MODIFICATION SEE INTRODUCTION PAGE

## AMERICAN BOSCH FUEL INJECTION PUMP GOVERNOR (Special)—Continued

| I H C PART NUMBER | REF. NO. | MFR'S. NUMBER | DESCRIPTION | SERIAL NUMBER | NO. REQ'D |
|---|---|---|---|---|---|
| 54458 D | 22 | PL 7917 A | Operating Lever Spring Hub with Plate and Spring | TDRM 826 to 4661 (‡) | 1 |
| 54459 DX | 22A | PL 798 A | Operating Lever Spring Hub | TDRM 836 to 4661 | 1 |
| 54463 D | 22B | SP 7929 | Operating Lever Spring | TDRM 836 to 4661 | 1 |
| 54388 D | 23 | SV 794 A | Governor Sleeve with Bearings, Complete | TDRM 826 to 4661 (‡) | 1 |
| 54393 D | 24 | BB 792 | Governor Sleeve Bearing | TDRM 1236 to 4661 | 2 |
| 54389 D | 25 | SV 793 A | Governor Sleeve with Washers | TDRM 1236 to 4661 | 1 |
| 54394 D | 26 | BB 793 | Governor Sleeve Thrust Bearing | TDRM 1236 to 4661 | 2 |
| 54519 D | 26A | SP 7927/8 | Governor Spring, Inner | TDRM 826 to 1235 | 1 |
| | | | | Not 835 | |
| 55772 D | 26A | SP 7927/G | Governor Spring Inner ((*) Scraper Modification | | |
| | | | Euclid 1) | | 1 |
| 56155 D | 26A | SP 7927/9 | Governor Spring, Inner | TDRM 1236 to 4661 (‡) | 1 |
| | 26A | WSF 2126/1X | Governor Spring, Inner ((*) Power Scraper | | |
| | | | Modification Galion 24) | | 1 |
| 54518 D | 27 | SP 7926/1 | Governor Spring, Outer | TDRM 826 to 4661 (‡) | 1 |
| | 27 | WA-2161/1X | Governor Spring, Outer ((*) Power Scraper | | |
| | | | Modification Galion 24) | | 1 |
| 54382 D | 28 | SR 796 | Outer Spring Spacer, .020" | TDRM 826 to 4661 (‡) | X |
| 54381 D | 29 | GU 798/1 | Governor Spring Seat | TDRM 826 to 4661 (‡) | 1 |
| 54379 D | 30 | WA 796 | Securing Nut Washer | TDRM 826 to 4661 (‡) | 1 |
| 54378 D | 31 | NT 793 | Spring Seat Securing Nut | TDRM 826 to 4661 (‡) | 1 |
| 54433 DB | 32 | GA 7985 | Governor End Cover Gasket | TDRM 826 to 4661 (‡) | 1 |
| 54431 D | 33 | CV 7924 A | Governor End Cover, Complete | TDRM 1236 to 4661 (‡) | 1 |
| 54628 D | 33 | CV 7918 A | Governor End Cover, Complete | TDRM 826 to 1235 | 1 |
| | | | | Not 835 | |
| 58333 D | 34 | SC 57-10BL | Slotted Screw, No. 8-32 x 5/8" N.C. | | |
| | | | (Stop Plate Bridge) | TDRM 826 to 4661 (‡) | 2 |
| 60740 D | 35 | CV 76126 A | Breather, Complete | TDRM 2346 to 4661 | 1 |
| | | | | Not 4314 to 4512 | |
| 54421 D | 36 | SC 7928 | Inspection Cover Fastening Screw | TDRM 826 to 4661 (‡) | 4 |
| 60741 D | 37 | CV 7977 | Inspection Cover | TDRM 2346 to 4661 | 1 |
| | | | | Not 4314 to 4512 | |
| 54420 DA | 38 | GA 7986 | Inspection Cover Gasket | TDRM 826 to 4661 (‡) | 1 |
| 54428 D | 39 | BK 797 | Stop Plate Bridge | TDRM 826 to 4661 (‡) | 1 |
| 55428 DA | 40 | WA 1155 | Stop Plate Screw Washer | TDRM 826 to 4661 (‡) | 3 |
| 54424 DX | 41 | PL 7915 A | Stop Plate, Complete | TDRM 826 to 1235 | 1 |
| | | | | Not 835 | |
| 54525 DX | 41 | PL 7919 A | Stop Plate, Complete | TDRM 1236 to 4661 | 1 |
| | | | | Not 4314 or 4512 | |
| | | NT-8-8 | Hex. Nut, 1/4" N.F. | | 2 |
| 54427 D | 42A | PL 7916 A | Stop Plate Bridge, Complete | TDRM 826 to 1235 | 1 |
| | | | | Not 835 | |
| 54527 D | 42A | PL 7920 A | Stop Plate Bridge, Complete | TDRM 1236 to 4661 | 1 |
| | | | | Not 4314 or 4512 | |
| 54422 DAX | 43 | SP 7946 A | Bumper Spring with Button | TDRM 826 to 4661 (‡) | 1 |

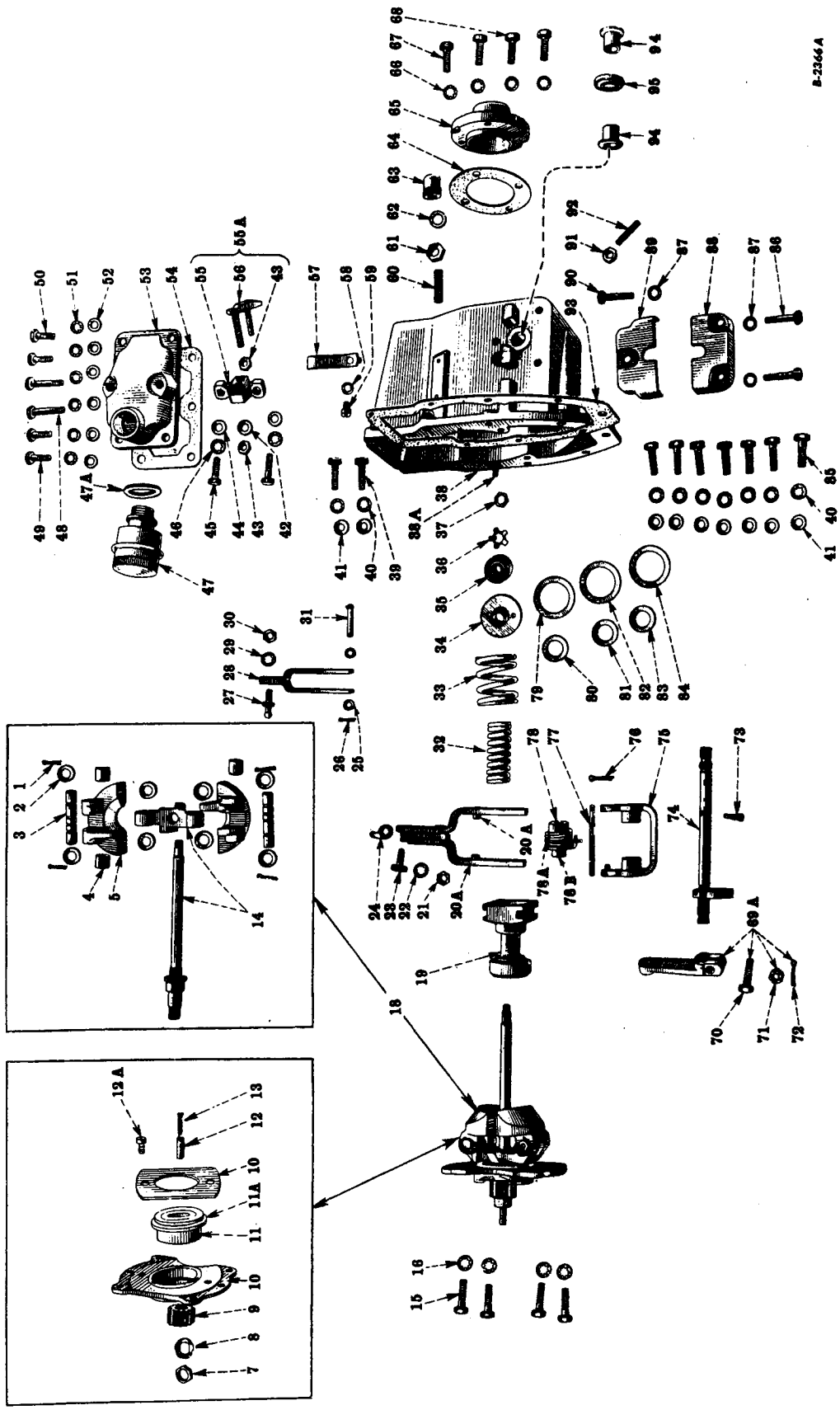
(‡) - Not TDRM 835, 4314 or 4512

(*) - For Tabulation of Modification see Introduction Page

# DIESEL ENGINE

## AMERICAN BOSCH FUEL INJECTION PUMP GOVERNOR (Special)—Continued

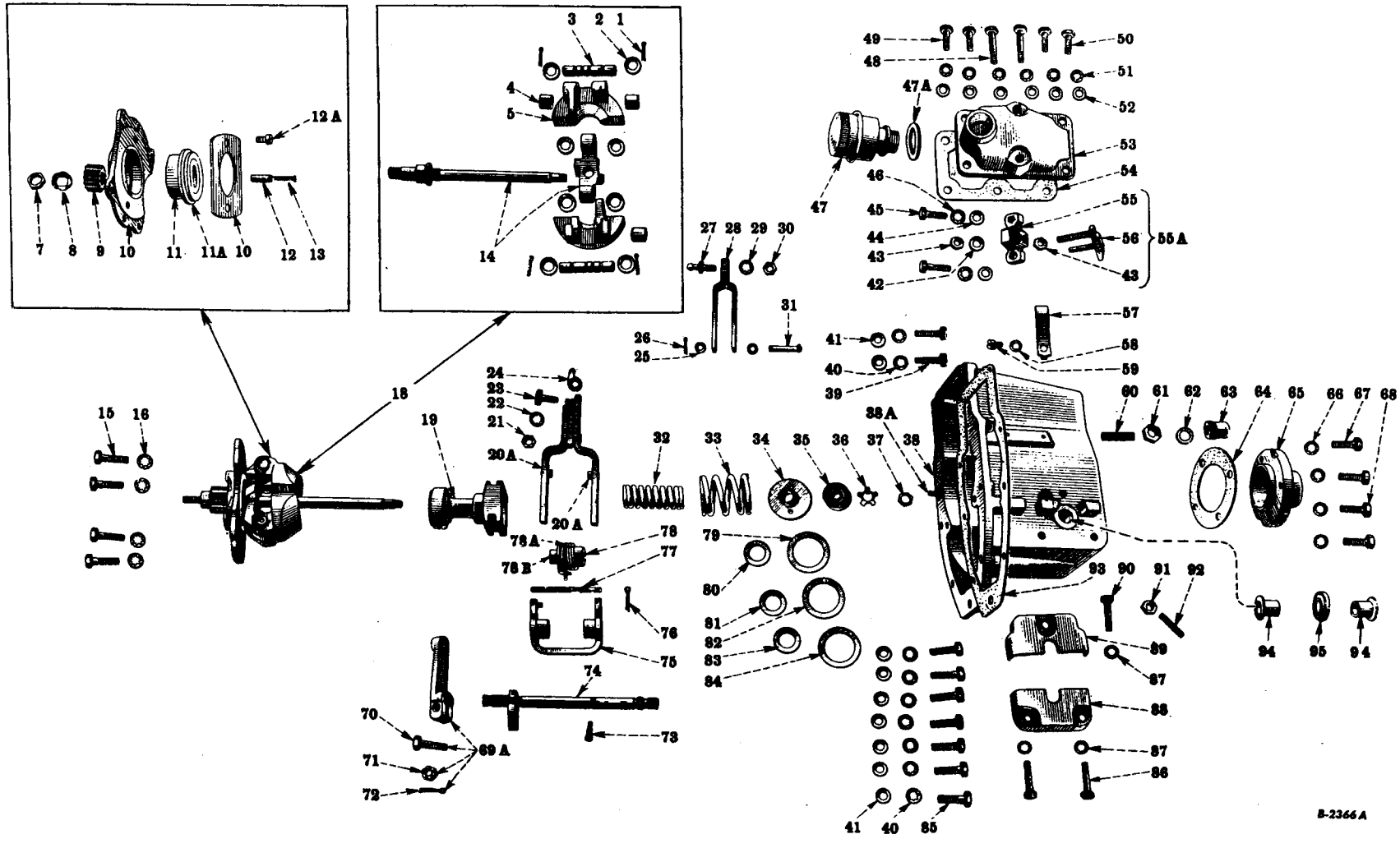
| I H C PART NUMBER | REF. NO. | MFR'S. NUMBER | DESCRIPTION | SERIAL NUMBER | NO. REQ'D |
|---|---|---|---|---|---|
| 54521 D | 44 | SC 7940 | Bumper Spring Screw | TDRM 826 to 4661 (‡) | 1 |
| 54522 D | 45 | NT 798 | Bumper Spring Locknut | TDRM 826 to 4661 (‡) | 1 |
| 54524 D | 46 | GA 7965 | Bumper Spring Cap Gasket | TDRM 826 to 4661 (‡) | 1 |
| 54523 D | 47 | CP 793 | Bumper Spring Cap | TDRM 826 to 4661 (‡) | 1 |
| | | | | | |
| 54477 D | 48 | SC 7927 | End Cap Securing Screw | TDRM 826 to 4661 (‡) | 4 |
| 55367 D | 49 | SR 797/1 | Inner Spring Spacer, .020" | TDRM 826 to 4661 (‡) | X |
| 55368 D | 49 | SR 797/2 | Inner Spring Spacer, .042" | TDRM 826 to 4661 (‡) | X |
| 55369 D | 49 | SR 797/3 | Inner Spring Spacer, .058" | TDRM 826 to 4661 (‡) | X |
| 55370 D | 49 | SR 797/4 | Inner Spring Spacer, .083" | TDRM 826 to 4661 (‡) | X |
| | | | | | |
| 54395 D | 50 | BB 792 | Governor Sleeve Sliding Ring | TDRM 1236 to 4661 | 1 |
| 54396 D | 51 | BB 793 | Governor Sleeve Nut | TDRM 1236 to 4661 | 1 |
| 54397 D | 52 | WA 797 | Governor Sleeve Washer | TDRM 1236 to 4661 | 1 |
| 54434 D | 54 | PK 795 | Operating Lever Shaft Oil Seal | TDRM 826 to 4661 (‡) | 2 |
| 55350 D | 55 | SC 1108 | Governor End Cover Screw | TDRM 826 to 4661 (‡) | 6 |
| 54470 D | 56 | SC 7934 | Stop Flange Cover Screw | TDRM 826 to 4661 (‡) | 3 |
| 54469 D | 57 | CV 7922 | Stop Flange Cover | TDRM 826 to 4661 (‡) | 1 |
| 58334 D | 58 | SC 61-8 BL | Flat Head Screw, No. 12-24 x 1/2" N.C. | | |
| | | | (Stop Flange) | TDRM 826 to 4661 (‡) | 3 |
| 54472 D | 59 | FL 798 | Stop Flange | TDRM 826 to 4661 (‡) | 1 |
| 54462 D | 60 | SC 7930 | Operating Lever Spring Hub Set Screw | TDRM 826 to 4661 (‡) | 1 |
| 54473 D | 61 | SC 7938 | Stop Adjustment Screw | TDRM 826 to 4661 (‡) | 2 |
| 54474 D | 62 | NT 796 | Stop Adjustment Screw Locknut | TDRM 826 to 4661 (‡) | 2 |
| 54435 D | 63 | BG 793 | Operating Lever Shaft Bushing | TDRM 826 to 4661 (‡) | 2 |
| | | | | | |
| 54478 DB | 65 | GA 7987 | End Cap Gasket | TDRM 826 to 4661 (‡) | 1 |
| 54476 DA | 66 | BB 799 | End Cap Ball Bearing (N.D. 7038) | TDRM 826 to 4661 (‡) | 1 |
| 54475 DAX | 67 | CP 791A | End Cap, 54475 DA with Bearing, 54476 DA | TDRM 826 to 4661 (‡) | 1 |
| 54475 DA | 68 | CP 792 | End Cap | TDRM 826 to 4661 (‡) | 1 |
| 54629 DX | 69 | SH 797 A | Operating Lever Shaft, Complete | TDRM 826 to 1235 | 1 |
| | | | | Not 835 | |
| 56161 DX | 69A | SH 793 A | Operating Lever Shaft, Complete | TDRM 1236 to 4661 (‡) | 1 |
| 54637 D | 70 | CV 7923 | Cover Plate for Stop Flange | TDRM 826 to 1235 | 1 |
| | | | | Not 835 | |
| 54471 D | 70A | CV 7921 | Cover Plate for Stop Flange | TDRM 1236 to 4661 (‡) | 1 |
| | 71 | WA6-4 | Lockwasher, No. 8 (Light) | | 2 |
| 54634 DX | 72 | LE 7930 A | Operating Lever with Screw, | | |
| | | | 55360 D and 1/4" Lockwasher | TDRM 826 to 1235 | 1 |
| | | | | Not 835 | |
| 54457 DAX | 72A | LE 7935 A | Operating Lever with Screw, 55360 D | TDRM 1236 to 4661 (‡) | 1 |
| 55360 D | 74 | SC 1109 | Operating Lever Screw | TDRM 826 to 4661 (‡) | 1 |
| | 73 | | Lockwasher, 1/4" | | 1 |
| | | | | | |
| 40329 DA | | SC 150-2CA | Name Plate Drive Rivet | TDRM 826 up | 2 |
| | | | | Not 835 | |
| 54419 DA | | CV 7920 | Inspection Cover (Order 60740 D and 60741 D) | TDRM 826 to 2345 | 1 |
| | | | | Not 835 | |
| 54440 D | | NP 7631 | Name Plate | TDRM 1236 to 4661 | 1 |
| 54441 D | | PG 797 | Closing Plug | TDRM 1236 to 4661 | 1 |
| | | | | | |
| 60745 D | | | Governor Drain Tee | | 1 |
| | | | | | |
| | | | | | |
| | | | (‡) - Not TDRM 835, 4314 or 4512 | | |




**AMERICAN BOSCH FUEL INJECTION PUMP GOVERNOR (Special)**

**Engines TDRM 4662 up; TDRM 15001 up**

*Reference numbers only are shown in illustration. Use I H C part numbers in ordering.*
*Unnumbered parts in the illustrations are the same as corresponding parts shown with numbers.*




**AMERICAN BOSCH FUEL INJECTION PUMP GOVERNOR (Special)**

**Engines TDRM 4662 up; TDRM 15001 up**

*Reference numbers only are shown in illustration. Use I H C part numbers in ordering.*
*Unnumbered parts in the illustrations are the same as corresponding parts shown with numbers.*

# DIESEL ENGINE

## AMERICAN BOSCH FUEL INJECTION PUMP GOVERNOR (Special)

| I H C PART NUMBER | REF. NO. | MFR'S. NUMBER | DESCRIPTION | SERIAL NUMBER | NO. REQ'D |
|---|---|---|---|---|---|
| 62192 D | | GVA 225/600 | | | |
| | | PK 204 | GOVERNOR, COMPLETE (TYPE "K") | TDRM 4662 TO 15000 | 1 |
| 252505 R91 | | GVA 225/675 | | | |
| | | PK 1763 A | GOVERNOR, COMPLETE (TYPE "K") | | |
| | | | (1½% REGULATION 1200 RPM) | TDRM 15001 UP | 1 |
| | 1 | PN2 20CA | COTTER PIN, 1/16 x 5/8" | | |
| | | | (CADMIUM PLATED) (GOVERNOR WEIGHT) | TDRM 4662 UP † | 4 |
| 62220 D | 2 | WA 1134 | GOVERNOR WEIGHT WASHER | TDRM 4662 UP † | 8 |
| 62219 D | 3 | PN 7950 | GOVERNOR WEIGHT PIN | TDRM 4662 UP † | 2 |
| | | PN2 20CA | COTTER PIN, 1/16 x 5/8" (CADMIUM PLATED) | TDRM 4662 UP † | 4 |
| 62218 D | 4 | BG 7918 | GOVERNOR WEIGHT BUSHING | TDRM 4662 UP † | 4 |
| 62217 DX | 5 | WT 7926A | GOVERNOR WEIGHT WITH 2 BUSHINGS, 62218 D | | |
| | | | (ORDER 69674 D) | TDRM 4662 UP † | 2 |
| 69674 D | 5 | 7930A | GOVERNOR WEIGHTS (WITH 2 WEIGHTS, 62217 D | | |
| | | | AND BUSHINGS, 62218 D) | TDRM 4662 UP † | 1 |
| 62224 D | 7 | NT 7923 | GOVERNOR DRIVEN GEAR NUT | TDRM 4662 UP † | 1 |
| 62223 D | 8 | WA 7919 | GOVERNOR DRIVEN GEAR NUT LOCKWASHER | TDRM 4662 UP † | 1 |
| 62222 D | 9 | GE 7920 | GOVERNOR DRIVEN GEAR | TDRM 4662 UP † | 1 |
| 250272 R91 | 10 | | BEARING SUPPORT PLATE AND BEARING | TDRM 4662 TO 15000 | 1 |
| 250267 R91 | 10 | PL 7974 | BEARING SUPPORT PLATE WITH CAGE | TDRM 15001 UP | 1 |
| 62225 DX | 10 | PL 7940 | GOVERNOR SHAFT INNER BEARING SUPPORT PLATE | | |
| | | | WITH CAGE (ORDER 250272 R91) | TDRM 4662 UP † | 1 |
| 250268 R1 | 10A | PL 7975 | BEARING CLAMPING PLATE | TDRM 15001 UP | 1 |
| 62221 D | 11 | BB 7911 | GOVERNOR SHAFT BALL BEARING INNER | | |
| | | | (NEW DEPARTURE No. 43203 B) | | |
| | | | (ORDER 250272 R91) | TDRM 4662 TO 15000 | 1 |
| 250266 R91 | 11 | BB-7916 | GOVERNOR WEIGHT SHAFT BEARING (DRIVE END) | TDRM 15001 UP | 1 |
| 253523 R1 | 11A | RG 795 | GOVERNOR WEIGHT SHAFT BEARING SNAP RING | TDRM 15001 UP | 1 |
| 62227 D | 12 | PC 799 | GOVERNOR SHAFT PLUNGER OILER | TDRM 4662 UP † | 1 |
| 250269 R1 | 12A | SC 7984 | BEARING SUPPORT PLATE CLAMPING SCREW | TDRM 15001 UP | 2 |
| | | NT 1121 | BEARING SUPPORT PLATE CLAMPING SCREW NUT | TDRM 15001 UP | 2 |
| 62228 D | 13 | SP 7954 | GOVERNOR SHAFT PLUNGER OILER SPRING | TDRM 4662 UP † | 1 |
| 62214 D | 14 | SH 7928A | GOVERNOR SHAFT AND SPIDER (ORDER 254834 R91) | TDRM 4662 UP † | 1 |
| 62205 D | 15 | SC 1110-1 | GOVERNOR SHAFT INNER BEARING SUPPORT | | |
| | | | PLATE BOLT | TDRM 4662 UP † | 4 |
| 52745 V | 16 | WA 22-8CA | GOVERNOR SHAFT INNER BEARING SUPPORT PLATE | | |
| | | | BOLT LOCKWASHER (SHAKEPROOF No. 1214) | | |
| | | | (SAME AS 40753 D) (ORDER 138167) | TDRM 4662 UP † | 4 |
| 138167 | 16 | WA 228BL | BEARING SUPPORT PLATE BOLT LOCKWASHER | | |
| | | | (WILL WORK FOR 52745 V) | | 4 |
| 62213 D | 18 | SH 7924A | GOVERNOR SHAFT WITH WEIGHTS AND GEAR, COMPLETE | TDRM 4662 UP † | 1 |
| 254834 R91 | 18 | SH 7960 A | GOVERNOR WEIGHT AND SHAFT, COMPLETE | | |
| | | | (WILL WORK FOR 62213 D OR 62214 D) | | 1 |
| 62229 DX | 19 | SV 7910A | GOVERNOR SHAFT SLEEVE WITH BUSHING AND | | |
| | | | BALL BEARING | TDRM 4662 UP † | 1 |

† - ALSO TDRM 4314, 4512 AND 15001

**Always give PUMP SERIAL NUMBERS when ordering Parts.**

## AMERICAN BOSCH FUEL INJECTION PUMP GOVERNOR (Special)—Continued

| I H C PART NUMBER | REF. NO. | MFR'S. NUMBER | DESCRIPTION | SERIAL NUMBER | NO. REQ'D |
|---|---|---|---|---|---|
| 62237 DX | 20 | | GOVERNOR FULCRUM LEVER, COMPLETE | TDRM 4662 UP (†) | 1 |
| 62242 D | 20A | PN 7931 | GOVERNOR FULCRUM LEVER PIVOT PIN | TDRM 4662 UP (†) | 2 |
| | 21 | NT 8-8CA | HEX NUT, 1/4" N.F. (CADMIUM PLATED) | | |
| | | | (GOVERNOR SMOKE LIMIT CAM SCREW) | TDRM 4662 UP (†) | 1 |
| 52745 V | 22 | WA 22-8CA | GOVERNOR SMOKE LIMIT CAM LOCKWASHER | | |
| | | | (SHAKEPROOF NO. 1214) (SAME AS 40753 D) | TDRM 4662 UP (†) | 1 |
| 138167 | 22 | WA 22-8BL | BEARING SUPPORT PLATE BOLT LOCKWASHER | | |
| | | | (WILL WORK FOR 52745 V) | | 1 |
| 62271 D | 23 | SC 1136 | GOVERNOR SMOKE LIMIT CAM SCREW | TDRM 4662 UP (†) | 1 |
| 62270 D | 24 | CA 793 | GOVERNOR SMOKE LIMIT CAM | TDRM 4662 UP (†) | 1 |
| 62249 D | 25 | WA 1156 | GOVERNOR CONTROL ROD LINK PIN WASHER | TDRM 4662 UP (†) | 2 |
| | 26 | | COTTER PIN, 1/16 x 7/16" (CADMIUM PLATED) | | |
| | | | (GOVERNOR CONTROL ROD LINK) | TDRM 4662 UP (†) | 2 |
| 62247 D | 27 | PN 7935 | GOVERNOR CONTROL ROD LINKAGE PIN | TDRM 4662 UP (†) | 1 |
| | 30 | NT 4-8CA | HEX NUT, 1/4" N.F. (CADMIUM PLATED) | TDRM 4662 UP (†) | 1 |
| 62246 DX | 28 | LK 796 | GOVERNOR CONTROL ROD LINK | TDRM 4662 UP (†) | 1 |
| 52745 V | 29 | WA 22-8CA | GOVERNOR CONTROL ROD LINKAGE PIN LOCKWASHER | | |
| | | | (SHAKEPROOF NO. 1214) (SAME AS 40753 D) | | |
| | | | (ORDER 138167) | TDRM 4662 UP (†) | 1 |
| 138167 | 29 | WA-22 8BL | GOVERNOR CONTROL ROD LINKAGE PIN WASHER | | |
| | | | (SHAKEPROOF NO. 1214) (WILL WORK FOR 52745 V) | | 1 |
| | 30 | | FOLLOWS REFERENCE NO. 27 | | |
| 62248 D | 31 | PN 7946 | GOVERNOR CONTROL ROD LINK PIN | TDRM 4662 UP (†) | 1 |
| 64173 D | 32 | SP 7950/16 | GOVEHNOR SPRING, INNER | TDRM 4662 TO 15000 | 1 |
| 62648 D | 32 | SP 7950/2 | GOVERNOR SPRING, INNER | TDRM 15001 UP | 1 |
| 64172 D | 33 | SP 7951/10 | GOVERNOR SPRING, OUTER | TDRM 4662 UP (†) | 1 |
| 62628 D | 34 | GU 7912 | GOVERNOR SPRING SEAT | TDRM 4662 UP (†) | 1 |
| 62625 D | 35 | BB 7912 | GOVERNOR SHAFT BALL BEARING, OUTER | | |
| | | | (NEW DEPARTURE NO. 87008) | TDRM 4662 UP (†) | 1 |
| 62626 D | 36 | WA 1182 | GOVERNOR SHAFT BEARING NUT LOCKWASHER, | | |
| | | | SPRING END | TDRM 4662 UP (†) | 1 |
| 62627 D | 37 | NT 1070 | GOVERNOR SHAFT BEARING NUT, SPRING END | TDRM 4662 UP (†) | 1 |
| 67797 D | 38 | CV 79122A | GOVERNOR END COVER, COMPLETE (CAST IRON) | | |
| | | | (62201 D WILL WORK) | TDRM 4662 UP (†) | 1 |
| 62201 D | 38 | CV 7984A | GOVERNOR END COVER, COMPLETE | | |
| | | | (ALUMINUM) (67797 D WILL WORK) | TDRM 4662 UP (†) | 1 |
| 62207 D | 38A | PN 751 | GOVERNOR END COVER DOWEL PIN | TDRM 4662 UP (†) | 2 |
| 62204 D | 39 | SC 1110 | GOVERNOR END COVER BOLT, DRILLED | TDRM 4662 UP (†) | 2 |
| 52745 V | 40 | WA 22-8CA | GOVERNOR END COVER BOLT LOCKWASHER | | |
| | | | (SHAKEPROOF NO. 1214) (SAME AS 40753 D) | TDRM 4662 UP (†) | 9 |
| 138167 | 40 | WA 22-8BL | GOVERNOR END COVER BOLT LOCKWASHER | | |
| | | | (SHAKEPROOF NO. 1214) (WILL WORK FOR 52745 V) | | 9 |
| 62206 D | 41 | WA 1143 | GOVERNOR END COVER BOLT WASHER | TDRM 4662 UP (†) | 9 |

(†) - ALSO TDRM 4314, 4512 AND 15001

| I H C PART NUMBER | REF. NO. | MFR'S. NUMBER | DESCRIPTION | SERIAL NUMBER | NO. REQ'D |
|---|---|---|---|---|---|
| | | | **AMERICAN BOSCH FUEL INJECTION PUMP GOVERNOR (Special)—Continued** | | |
| 55428 DA | 42 | WA 1155 | Governor Stop Plate Screw Washers | TDRM 4662 up (†) | 2 |
| | 42 | NT 8-8CA | Hex Jam Nut, 1/4" N.F. (Cadmium Plated) | | |
| | | | (Stop Plate Screw) | TDRM 4662 up (†) | 2 |
| 62206 D | 44 | WA 1143 | Governor Stop Plate Bridge Washer | TDRM 4662 up (†) | 2 |
| 62205 D | 45 | SC 1110-1 | Governor Stop Plate Bridge Bolt | TDRM 4662 up (†) | 2 |
| 52745 V | 46 | WA 22-8CA | Governor Stop Plate Bridge Bolt Lockwasher | | |
| | | | (Shakeproof No. 1214) (Same as 40753 D) | | 2 |
| | | | (Order 138167) | TDRM 4662 up (†) | 2 |
| 138167 | 46 | WA 22-8BL | Governor Stop Plate Bridge Bolt Lockwasher | | |
| | | | (Shakeproof No. 1214) (Will Work for 52745 V) | | 2 |
| 60740 D | 47 | CV 76126A | Injection Pump Breather, Complete | TDRM 4662 up (†) | 1 |
| 70044 D | 47A | GA 79106 | Injection Pump Breather Gasket | TDRM 4662 up (†) | 1 |
| 62275 D | 48 | SC 1139 | Governor Inspection Cover Bolt, Center | TDRM 4662 up (†) | 2 |
| 62276 D | 49 | SC 1140-1 | Governor Inspection Cover Bolt, Drilled | TDRM 4662 up (†) | 2 |
| 62633 D | 50 | SC 1140 | Governor Inspection Cover Bolt, Short | TDRM 4662 up (†) | 2 |
| 52745 V | 51 | WA 22-8CA | Governor Inspection Cover Bolt Lockwasher | | |
| | | | (Shakeproof No. 1214) (Same as 40753 D) | | |
| | | | (Order 138167) | TDRM 4662 up (†) | 6 |
| 138167 | 51 | WA 22-8BL | Governor Inspection Cover Bolt Lockwasher | | |
| | | | (Shakeproof No. 1214) (Order 138167) | | 1 |
| 62206 D | 52 | WA 1143 | Governor Inspection Cover Bolt Plain Washer | TDRM 4662 up (†) | 6 |
| 62273 D | 53 | CV 7983 | Governor Inspection Cover (Aluminum) | | |
| | | | (68956 DX Will Work) | TDRM 4662 up (†) | 1 |
| 68956 DX | 53 | CV 7983-1A | Governor Inpsection Cover (Grey Iron) | | |
| | | | (62273 D Will Work) | TDRM 4662 up (†) | 1 |
| 62274 D | 54 | GA 7979 | Governor Inspection Cover Gasket | TDRM 4662 up (†) | 1 |
| 62267 D | 55 | BK 7917 | Governor Stop Plate Bridge (Aluminum) | | |
| | | | (68625 D Will Work) | TDRM 4662 up (†) | 1 |
| 68625 D | 55 | BK 7917-1 | Governor Stop Plate Bridge (Grey Iron) | | |
| | | | (62267 D Will Work) | TDRM 4662 up (†) | 1 |
| 64174 D | 55A | PL 7961A | Governor Stop Plate Bridge, Complete | TDRM 4662 to 15000 (†) | 1 |
| 64186 D | 55A | PL 7962A | Governor Stop Plate Bridge, Complete | | |
| | | | (Order 62267 DX) | TDRM 4662 to 15000 (†) | 1 |
| 62267 DX | 55A | PL 7943A | Governor Stop Plate Bridge, Complete | | |
| | | | (Will Work for 64186 D) | TDRM 4662 to 15000 (†) | 1 |
| 253506 R91 | 55A | PL-7985-1A | Governor Stop Plate Bridge, Complete | TDRM 15001 up | 1 |
| 64175 D | 56 | PL 7959A | Governor Stop Plate with Pin and Screw | TDRM 4662 up (†) | 1 |
| 64187 D | 56 | PL 7960A | Governor Stop Plate with Pin and Screw | | |
| | | | (Order 62268 DX) | TDRM 4662 up (†) | 1 |
| 62268 DX | 56 | PL 7942A | Governor Stop Plate with Pin and Screw | | |
| | | | (Will Work for 64187 D) | TDRM 4662 to 15000 (†) | 1 |
| 252402 R9 | 56 | PL-7989-A | Governor Stop Plate with Pin and Screen | TDRM 15001 up | 1 |
| 62208 D | 57 | SP 7953 | Governor Bumper Spring | TDRM 4662 up (†) | 1 |
| | | | (†) - Also TDRM 4314 and 4512 | | |

## AMERICAN BOSCH FUEL INJECTION PUMP GOVERNOR (Special)—Continued

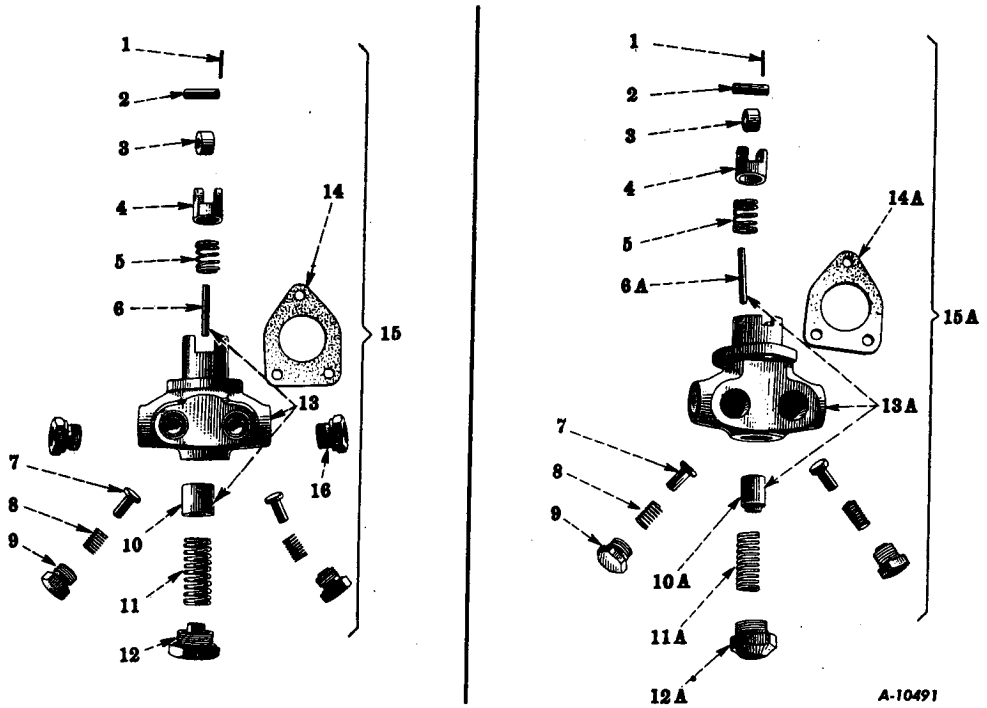
| I H C PART NUMBER | REF. NO. | MFR'S. NUMBER | DESCRIPTION | SERIAL NUMBER | NO. REQ'D |
|---|---|---|---|---|---|
| 67980 H | 58 | WA 22-6CA | Governor Bumper Spring Lockwasher (Shakeproof No. 1212) (Order 138181) | TDRM 4662 up † | 1 |
| 138181 | 58 | WA 22-6BL | Governor Bumper Spring Lockwasher (Shakeproof No. 1212) (Will Work for 67890 H) | | 1 |
| | 59 | SC 25-5CA | Fillister Head Machine Screw, No. 12-24 x 5/16" N.C. (Cadmium Plated) (Governor Bumper Spring) | TDRM 4662 up † | 1 |
| 62209 D | 60 | SC 1134 | Governor Bumper Spring Adjusting Screw | TDRM 4662 up † | 1 |
| | 61 | NT 6-10CA | Hex Nut, 5/16" N.F. (Cadmium Plated) (Governor Bumper Spring Adjusting Screw) | TDRM 4662 up † | 1 |
| 62211 D | 62 | GA 7980 | Governor Bumper Spring Cap Gasket | TDRM 4662 up † | 2 |
| 62210 D | 63 | NY 7917 | Governor Bumper Spring Cap | TDRM 4662 up † | 1 |
| 62235 D | 64 | GA 7982 | Governor Shaft End Cap Gasket | TDRM 4662 up † | 1 |
| 62233 D | 65 | CP 7910 | Governor Shaft End Cap | TDRM 4662 up † | 1 |
| 52745 V | 66 | WA 22-8CA | Governor Shaft End Cap Bolt Lockwasher (Shakeproof No. 1214) (Same as 40753 D) (Order 138167) | TDRM 4662 up † | 4 |
| 138167 | 66 | WA 22-5CA | Spring Retainer End Cap Lockwasher (Shakeproof No. 1214) (Will Work for 52745 V) | | 4 |
| 62204 D | 67 | SC 1110 | Governor Shaft End Cap Bolt, Upper | TDRM 4662 up † | 2 |
| 62205 D | 68 | SC 1110-1 | Governor Shaft End Cap Bolt, Lower | TDRM 4662 up † | 2 |
| 62263 DX | 69A | LE 7957A | Governor Operating Lever, Complete | TDRM 4662 up † | 1 |
| 62264 D | 70 | SC 7961 | Governor Operating Lever Bolt | TDRM 4662 up † | 1 |
| 62265 D | 71 | NT 7919 | Governor Operating Lever Bolt Nut | TDRM 4662 up † | 1 |
| 137142 | 72 | PN 2-20CA | Cotter Pin, 1/16 x 5/8" (Salt Blackened) | TDRM 4662 up † | 1 |
| 54462 D | 73 | SC 7930 | Governor Operating Shaft Spring Plate Set Screw | TDRM 4662 up † | 1 |
| 62256 DX | 74 | SH 7930A | Governor Operating Shaft with Stop and Pin (Order 69700 D) | TDRM 4662 up † | 1 |
| 69700 D | 74 | SH 7956A | Governor Operating Shaft, Complete (Will Work for 62256 DX) | TDRM 4662 up † | 1 |
| 62243 DA | 75 | BK 7913C | Governor Fulcrum Lever Bracket | TDRM 4662 up † | 1 |
| | 76 | PN 2-20CA | Cotter Pin, 1/16 x 5/8" (Cadmium Plated) | TDRM 4662 up † | 1 |
| 64161 D | 77 | PN 7951 | Governor Fulcrum Lever Bracket Pin | TDRM 4662 up † | 1 |
| 62259 D | 78 | PL 7925A | Governor Operating Shaft Spring Plate, 62250 DX with Spring, 62253 D | TDRM 4662 up † | 1 |
| 62253 D | 78A | SP 7949 | Governor Operating Shaft Spring | TDRM 4662 up † | 1 |
| 62250 DX | 78B | PL 7923A | Governor Operating Shaft Spring Plate with Hub | TDRM 4662 up † | 1 |
| 62641 D | 79 | SR 7914/1 | Governor Outer Spring Spacer, .020" Thick | TDRM 4662 up † | x |
| 62637 D | 80 | SR 799/1 | Governor Inner Spring Spacer, .020" Thick | TDRM 4662 up † | x |
| 62638 D | 81 | SR 799/2 | Governor Inner Spring Spacer, .042" Thick | TDRM 4662 up † | x |
| 62642 D | 82 | SR 7914/2 | Governor Outer Spring Spacer, .042" Thick | TDRM 4662 up † | x |
| 62639 D | 83 | SR 799/3 | Governor Inner Spring Spacer, .058" Thick | TDRM 4662 up † | x |
| 62640 D | 83 | SR 799/4 | Governor Inner Spring Spacer, .083" Thick | TDRM 4662 up † | x |
| 62643 D | 84 | SR 7914/3 | Governor Outer Spring Spacer, .058" Thick | TDRM 4662 up † | x |
| 62644 D | 84 | SR 7914/4 | Governor Outer Spring Spacer, .083" Thick | TDRM 4662 up † | x |
| 62205 D | 85 | SC 1110-1 | Governor End Cover Bolt, Plain | TDRM 4662 up † | 7 |

† - Also TDRM 4314 and 4512

## AMERICAN BOSCH FUEL INJECTION PUMP GOVERNOR (Special)—Continued

| I H C PART NUMBER | REF. NO. | MFR'S. NUMBER | DESCRIPTION | SERIAL NUMBER | NO. REQ'D |
|---|---|---|---|---|---|
| 62262 D | 86 | SC 7950-1 | GOVERNOR OPERATING SHAFT LOWER STOP COVER BOLT | TDRM 4662 UP (†) | 2 |
| 67980 H | 87 | WA 22-6CA | GOVERNOR OPERATING LEVER STOP COVER LOCKWASHER (SHAKEPROOF No. 1212) (ORDER 138181) | TDRM 4662 UP (†) | 3 |
| 138181 | 87 | WA 22-6BL | GOVERNOR OPERATING LEVER STOP COVER LOCKWASHER (SHAKEPROOF No. 1212) (WILL WORK FOR 67980 H) | | |
| 62261 D | 88 | CV 7946 | GOVERNOR OPERATING SHAFT STOP COVER, LOWER | TDRM 4662 UP (†) | 1 |
| 62254 D | 89 | CV 7945 | GOVERNOR OPERATING SHAFT STOP COVER, UPPER | TDRM 4662 UP (†) | 1 |
| 62260 D | 90 | SC 7950 | GOVERNOR OPERATING SHAFT UPPER STOP COVER BOLT | TDRM 4662 UP (†) | 1 |
| | 91 | NT 6-8CA | HEX NUT, 1/4" N.F. (CADMIUM PLATED) (GOVERNOR OPERATING LEVER STOP COVER, UPPER) | TDRM 4662 UP (†) | 2 |
| | 92 | SC 350-16CA | OVAL POINT, HEADLESS, SET SCREW, 1/4 x 1" N.F. (CADMIUM PLATED) (GOVERNOR OPERATING LEVER STOP COVER, UPPER) | TDRM 4662 UP (†) | 2 |
| 62203 D | 93 | GA 7978 | GOVERNOR END COVER GASKET | TDRM 4662 UP (†) | 1 |
| 54435 D | 94 | BG 793 | GOVERNOR OPERATING SHAFT BUSHING | TDRM 4662 UP (†) | 2 |
| 54434 D | 95 | PK 795 | GOVERNOR OPERATING SHAFT OIL SEAL | TDRM 4662 UP (†) | 2 |
| 54441 D | | PG 795 | CLOSING PLUG | TDRM 1236 TO 15000 | 2 |
| 12736 D | | | GOVERNOR SEAL, LONG | TDRM 4662 UP (†) | 2 |
| 40329 DA | | SC 150-2CA | BOSCH NAME PLATE DRIVE RIVET (No. 0 - 1/8 PARKER-KALON TYPE U, CADMIUM PLATED) | TDRM 4662 UP (†) | 2 |
| 0-40 | | | GOVERNOR SEAL, SHORT | TDRM 4662 UP (†) | 1 |
| 62236 D | | LE 7946A | GOVERNOR FULCRUM WITH BRACKET, COMPLETE | | |
| 62236 D | | LE 7946A | GOVERNOR FULCRUM LEVER WITH BRACKET, COMPLETE 11⅛ REGULATION (ORDER 69238 D) | TDRM 4662 TO 15000 | 1 |
| 69238 D | | LE 7987A | GOVERNOR FULCRUM LEVER WITH BRACKET, COMPLETE (WILL WORK FOR 62236 D) | TDRM 4662 UP (†) | 1 |

(†) - ALSO TDRM 4314 AND 4512




**Engines TDRM 826 to 1235; not 835** **Engines TDRM 1236 to 4661; Not 4314 or 4512**

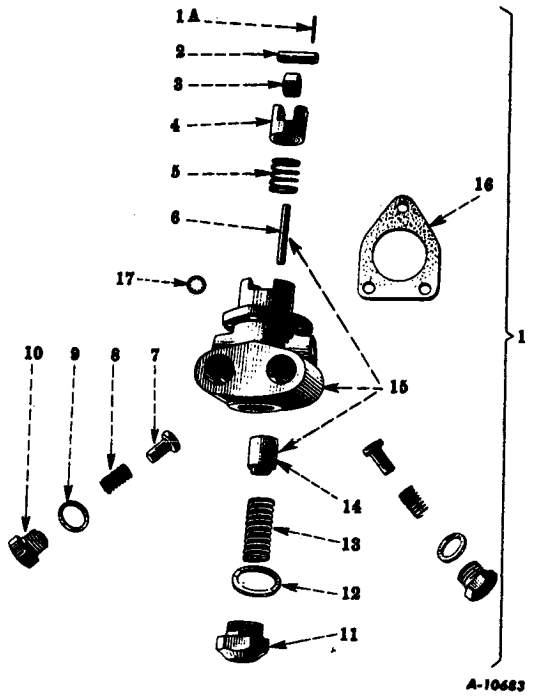
*Reference numbers only are shown in illustration. Use I H C part numbers in ordering.*
*Unnumbered parts in the illustrations are the same as corresponding parts shown with numbers.*

**AMERICAN BOSCH FUEL SUPPLY PUMP (Special)**

| | | | | | | |
|---|---|---|---|---|---|---|
| 43189 D | 1 | PN 797 | TAPPET SECURING PIN | TDRM 826 TO 4661 ‡ | 1 | |
| 40388 D | 2 | WBO 2174/1X | TAPPET WRIST PIN | TDRM 826 TO 4661 ‡ | 1 | |
| 40390 D | 3 | WRL 2004/1X | TAPPET ROLLER | TDRM 826 TO 4661 ‡ | 1 | |
| 40386 D | 4 | PVE 46/1X | TAPPET SHELL | TDRM 826 TO 4661 ‡ | 1 | |
| 40395 D | 5 | WSF 2197 A1X | TAPPET SPRING | TDRM 826 TO 4661 ‡ | 1 | |
| | | | | | | |
| 40387 D | 6 | WBO 2140/1X | SPINDLE (ORDER 69325 D) | TDRM 826 TO 1235 | | |
| | | | | NOT 835 | 1 | |
| 54370 D | 6A | WBO 2140/2X | SPINDLE (ORDER 69326 D) | TDRM 1236 TO 4661 | | |
| | | | | NOT 4314 OR 4512 | 1 | |
| | | | | | | |
| 40385 D | 7 | PVE 45/1X | INLET AND OUTLET VALVE | TDRM 826 TO 4661 ‡ | 2 | |
| | | | | | | |
| 54371 D | 8 | WSF 2196/4X | VALVE SPRING | TDRM 826 TO 4661 ‡ | 2 | |
| 40397 D | 9 | WVU 2097/1X | VALVE SPRING RETAINER SCREW | TDRM 826 TO 4661 ‡ | 2 | |
| | | | | | | |
| 40383 D | 10 | PKB 19/1X | PLUNGER (ORDER 69325 D) | TDRM 826 TO 1235 | | |
| | | | | NOT 835 | 1 | |
| 54365 D | 10A | PKB 45/1X | PLUNGER (ORDER 69326 D) | TDRM 1236 TO 4661 | | |
| | | | | NOT 4314 OR 4512 | 1 | |
| | | | | ‡ NOT TDRM 4314 OR 4512 | | |

**Always give PUMP SERIAL NUMBERS when ordering Parts.**

| I H C PART NUMBER | REF. NO. | MFR'S. NUMBER | DESCRIPTION | SERIAL NUMBER | NO. REQ'D |
|---|---|---|---|---|---|
| | | | **AMERICAN BOSCH FUEL SUPPLY PUMP (Special)—Continued** | | |
| 40393 D | 11 | WSF 2156 A1X | Plunger Spring | TDRM 726 to 1235 | |
| | | | | Not 835 | 1 |
| 54366 D | 11A | WSF 2216 A/1X | Plunger Spring | TDRM 1236 to 4661 | |
| | | | | Not 4314 or 4512 | 1 |
| 54620 DAX | 12 | SC 7923 A | Plunger Spring Retainer Screw with Plug | TDRM 826 to 1235 | |
| | | | | Not 835 | 1 |
| 54367 D | 12A | SC 7919A | Plunger Spring Retainer Screw with Plug | TDRM 1236 to 4661 | |
| | | | | Not 4314 or 4512 | 1 |
| 40382 DX | 13 | | Fuel Supply Pump Housing with Valve Seat and Plug (Order 69325 D) | TDRM 826 to 1235 | |
| | | | | Not 835 | 1 |
| 56124 DX | 13A | HG 7953 A | Fuel Supply Pump Housing with Valve Seat and Plug | TDRM 1236 to 4661 | |
| | | | | Not 4314 or 4512 | 1 |
| 40233 DA | 14 | GA 76123 | Fuel Supply Pump Housing Gasket | TDRM 826 to 1235 | |
| | | | | Not 835 | 1 |
| 54364 DB | 14A | GA 76120 | Fuel Supply Pump Housing Gasket | TDRM 1236 to 4661 | |
| | | | | Not 4314 or 4512 | 1 |
| 54618 D | 15 | AFP/K22B 63 | Fuel Supply Pump, Complete (Order 69325 D) | TDRM 826 to 1235 | |
| | | | | Not 835 | 1 |
| 56123 D | 15A | AFP/K16/80 | Fuel Supply Pump, Complete (Order 69326 D) | TDRM 1236 to 4661 | |
| | | | | Not 4314 or 4512 | 1 |
| 54595 D | 16 | WRV 1A2X | Reduction Nipple | TDRM 826 to 1235 | |
| | | | | Not 835 | 2 |
| 56124 DY | | | Fuel Supply Pump Housing with Plunger and Spindle (Order 69326 D) | TDRM 1236 to 4661 | |
| | | | | Not 4314 or 4512 | 1 |
| 69325 D | | | Fuel Supply Pump Package (Will Work for 40382 D or 54618 D) | TDRM 826 to 1235 | |
| | | | | Not 835 | 1 |
| 69326 D | | | Fuel Supply Pump Package (Will Work for 56124 or 56123 D) | TDRM 1236 to 4661 | |
| | | | | Not 4314 or 4512 | 1 |




**BOSCH TYPE "K" PUMP**

**Engines TDRM 4662 up; also 4314 and 4512**

*Reference numbers only are shown in illustration. Use I H C part numbers in ordering.*
*Unnumbered parts in the illustrations are the same as corresponding parts shown with numbers.*

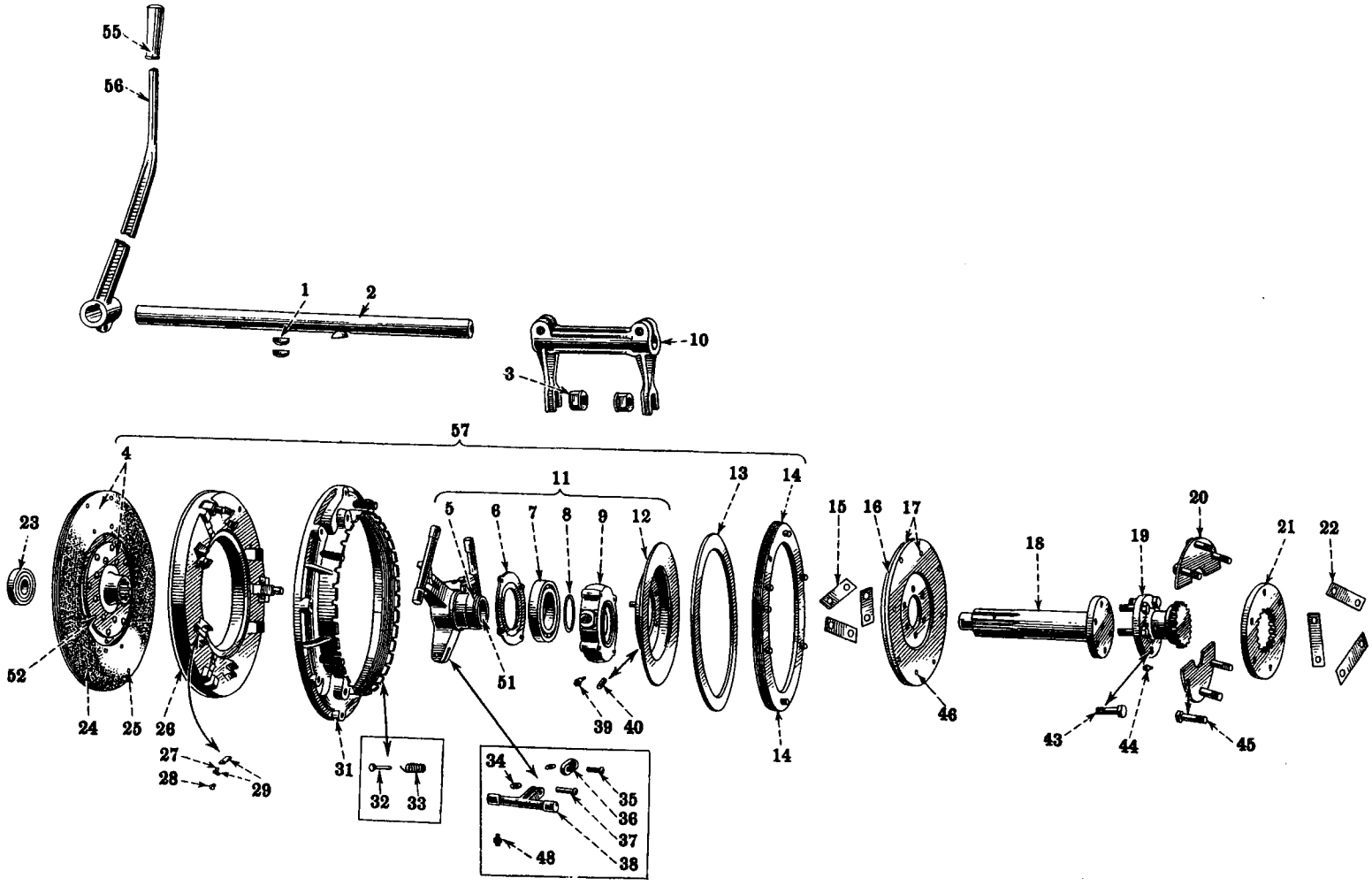
**AMERICAN BOSCH FUEL SUPPLY PUMP (Special)**

| | | | | | | |
|---|---|---|---|---|---|---|
| 62125 D | 1 | AFP/K 16N522 | Fuel Supply Pump, Complete | TDRM 4662 up † | 1 | |
| 43189 D | 1A | PN 797 | Fuel Supply Pump Tappet Securing Pin | TDRM 4662 up † | 1 | |
| 40388 D | 2 | WBO 2174/1X | Fuel Supply Pump Tappet Wrist Pin | TDRM 4662 up † | 1 | |
| 40390 D | 3 | WRL 2004/1X | Fuel Supply Pump Tappet Roller | TDRM 4662 up † | 1 | |
| 40386 D | 4 | PVE 46/1X | Fuel Supply Pump Tappet Shell | TDRM 4662 up † | 1 | |
| 40395 D | 5 | WSF 2197A1X | Fuel Supply Pump Tappet Spring | TDRM 4662 up † | 1 | |
| 54370 D | 6 | WBO 2140/2X | Fuel Supply Pump Spindle (Order 62126 DY) | TDRM 4662 up † | 2 | |
| 40385 D | 7 | PVE 45/1X | Fuel Supply Pump Valve | TDRM 4662 up † | 2 | |
| 54371 D | 8 | WSF 2196/4X | Fuel Supply Pump Valve Spring | TDRM 4662 up † | 2 | |
| 62129 D | 9 | WMR 2041/404X | Fuel Supply Pump Valve Spring Retainer | | | |
| | | | Screw Gasket | TDRM 4662 up † | 2 | |
| 40397 D | 10 | WVU 2097/1X | Fuel Supply Pump Valve Spring Retainer Screw | TDRM 4662 up † | 2 | |
| 54367 D | 11 | SC 7919A | Fuel Supply Pump Plunger Spring Retainer | | | |
| | | | Screw with Plug | TDRM 4662 up † | 1 | |
| 61111 D | 12 | WMR 2041/2X | Fuel Supply Pump Plunger Spring Retainer | | | |
| | | | Screw Gasket | TDRM 4662 up † | 1 | |
| 54366 D | 13 | WSF 2216A/1X | Fuel Supply Pump Plunger Spring | TDRM 501 to 15000 | 1 | |
| 253508 R1 | 13 | SP 7919 | Fuel Supply Pump Plunger Spring | TDRM 15001 up | 1 | |
| 54365 D | 14 | PBK 45/1X | Fuel Supply Pump Plunger (Order 62126 DY) | TDRM 4662 up † | 1 | |
| 62126 DY | 15 | | Fuel Supply Pump Housing, Plunger and | | | |
| | | | Spindle, Complete | TDRM 4662 up † | 1 | |
| 54364 DB | 16 | GA 76120 | Fuel Supply Pump Housing Gasket | TDRM 4662 up † | 1 | |
| 52745 V | 17 | WA-22 SCA | Fuel Supply Pump Housing Lockwasher | TDRM 4662 up † | 3 | |
| | | | (Order 138167) | TDRM 4662 up † | 3 | |
| 138167 | 17 | WA 22 8BL | Fuel Supply Pump Housing Lockwasher | | | |
| | | | (Shakeproof No. 1214) (Will work for 52745 V) | | 3 | |

† - Also TDRM 4314 and 4512

**Always give PUMP SERIAL NUMBERS when ordering Parts.**

# CHASSIS




## ENGINE CLUTCH, CLUTCH CONTROL AND CONNECTIONS
**(Hand Operated Over-Center Engine Clutch)**

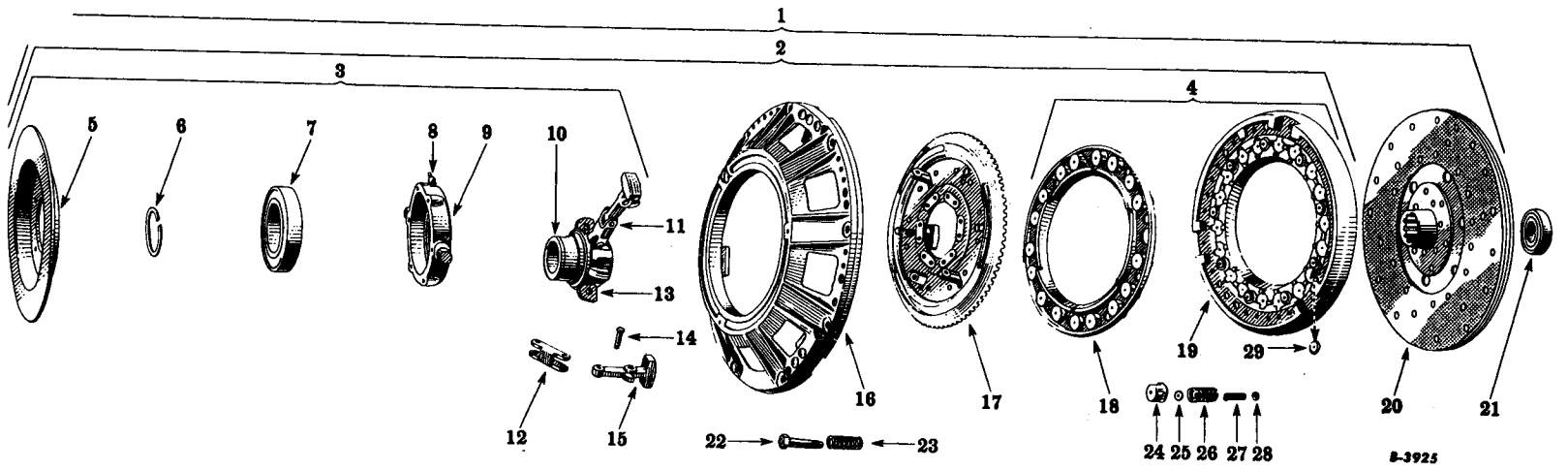
*Reference numbers only are shown in illustration. Use I H C part numbers in ordering.*
*Unnumbered parts in the illustrations are the same as corresponding parts shown with numbers.*

| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D | |
|---|---|---|---|---|---|
| | | **CLUTCH CONTROL AND CONNECTIONS (Hand Operated Over-Center Engine Clutch)** | | | |
| 10430 V | 1 | Engine Clutch Release Fork Key (Woodruff No. 18) | | 2 | |
| 40948 D | 2 | Engine Clutch Release Shaft | | 1 | |
| 42298 DB | 3 | Engine Clutch Release Pin Bushing | | 2 | |
| | 4 to 9 | See Clutch | | | |
| 5723 DB | 10 | Engine Clutch Release Fork | | 1 | |
| | | Cap Screw, 5/8 X 2" N.C. Hex. Head | | 2 | |
| | | Lockwasher, 5/8" | | 2 | |
| | 11 to 14 | See Clutch | | | |
| 40974 DA | 15 | Engine Clutch Coupling Bolt Lock | | 3 | |
| 40943 D | 16 | Engine Clutch Brake Disc Facing | | 1 | |
| 40942 DX | 17 | Engine Clutch Brake Disc with Facing, 40943 D | | | |
| | | and 8 Rivets, 21444 H | | 1 | |
| 40941 D | 18 | Engine Clutch Shaft | | 1 | |
| 40944 DB | 19 | Engine Clutch Coupling, 18 Teeth | | 1 | |
| 40947 D | 20 | Engine Clutch Coupling Washer | | 2 | |
| 40946 D | 21 | Engine Clutch Coupling Ring, 18 Teeth | | 1 | |
| 41693 DA | 22 | Engine Clutch Coupling Ring Bolt Lock | | 3 | |
| 11669 K | 23 | Engine Clutch Pilot Ball Bearing (N.D. 7306) | TDR 501 to 13000 | | |
| | | (ST 302 Will Work) | | 1 | |
| ST 302 | 23 | Engine Clutch Pilot Ball Bearing (IHC) | | | |
| | | (Will Work for 11669 K) | TDR 501 to 13000 | 1 | |
| 43950 H | 23 | Engine Clutch Pilot Ball Bearing (N.D. 7606) | | | |
| | | (ST240 Will Work) | TDR 13001 UP | | |
| ST-240 | 23 | Engine Clutch Pilot Ball Bearing (IH) | | | |
| | | (43950 H Will Work) | TDR 13001 UP | | |
| | 24 to 42 | See Clutch | | | |
| 40945 D | 43 | Engine Clutch Coupling Bolt | | 6 | |
| Q 3615 | 44 | Engine Clutch Pilot Bearing Lubricator | | 1 | |
| 40945 D | 45 | Engine Clutch Coupling Ring Bolt | | 6 | |
| | | Hex Nut, 1/2" N.F. | | 12 | |
| 21444 H | 46 | Engine Clutch Brake Disc Facing Rivet, 186 X 1/2" | | 8 | |
| | 47 to 54 | See Clutch | | | |
| 41597 D | 55 | Engine Clutch Lever Handle ( 1-Required when 5832 DAX is used) | | 1 | |
| 5832 DAX | 56 | Engine Clutch Hand Lever with Handle, 41597 D (9649 DA Will Work) | | 1 | |
| | | Cap Screw, 5/8 X 2-1/2" N.F. Hex Head | | 1 | |
| | | Hex Nut, 5/8" | | 1 | |
| | | Lockwasher, 5/8" | | 1 | |
| 9649 DA | 56 | Engine Clutch Hand Lever (One Piece) (5832 DAX Will Work) | | 1 | |
| | | Capscrew, 5/8 x 2-1/2" N.F. Hex Head | | 1 | |
| | | Hex Nut, 5/8" | | 1 | |
| | | Lockwasher, 5/8" | | 1 | |
| Q 3615 | | Engine Clutch Coupling Lubricator | TDR 501 to 3422 | 1 | |
| Q 3615 | | Engine Clutch Release Shaft Lubricator | TDR 501 to 1227 | 2 | |
| 10430 V | | Engine Clutch Hand Lever Key | | 1 | |

| I H C PART NUMBER | REF. NO. | MFR'S. NUMBER | DESCRIPTION | SERIAL NUMBER | NO. REQ'D | |
|---|---|---|---|---|---|---|
| | | | **OVER-CENTER ENGINE CLUTCH, 17" (Hand Operated) (Rockford Drilling Machine)** | | | |
| 43206 DE | | UCLA-7-3895-4 | CLUTCH, COMPLETE LESS DRIVEN MEMBER | | 1 | |
| 43202 D | 4 | UCL-4156 | DRIVEN MEMBER, COMPLETE | | 1 | |
| 67847 D | 4 | | DRIVEN MEMBER, COMPLETE WITH CEMENTED FACING | | | |
| | | | (SPECIAL) (SEE NOTE NO. 1 AND NO. 2) | | 1 | |
| 258562 R91 | 4 | | BI-METALLIC DRIVEN MEMBER (SPECIAL) (SEE NOTE NO. 2) | | 1 | |
| 43193 DAX | 5 | UCL-4338 | SLEEVE WITH 2 BUSHINGS, 43194 D | | 1 | |
| 43201 DA | 6 | CL-4257-1 | BEARING PLATE | | 1 | |
| | | | CAP SCREW, 5/16 X 3/4" N.C. HEX HEAD | | 4 | |
| | | | LOCKWASHER, 5/16" | | 4 | |
| | 52 | | RIVET, 3/8 X 3/4" FLAT HEAD - THRU SPLINE CENTER | | 16 | |
| 40940 D | 7 | CL-3900 | RADIAL BALL BEARING (N.D. 7514) (ORDER 48173 D) | | 1 | |
| 48173 D | 7 | CL-4599 | RADIAL BALL BEARING (N.D. 3214) | | | |
| | | | (WILL WORK FOR 40940 D) (ST 273 WILL WORK) | | 1 | |
| ST 273 | 7 | | RADIAL BALL BEARING (IHC) (48173 D WILL WORK) | | 1 | |
| 43195 D | 8 | CL-3900 | SNAP RING | | 1 | |
| 43197 D | 9 | CL-4256 | BEARING CARRIER | | 1 | |
| 43190 DA | 11 | UCL-4338-A | SLEEVE, 43193 DX WITH BEARING, 48173 D | | | |
| | | | AND SNAP RING, 43195 D | | 1 | |
| 43198 D | 12 | CL-4152 | BRAKE DISC | | 1 | |
| | | | CAP SCREW, 5/16 X 3/4" N.C. HEX HEAD | | 4 | |
| | | | LOCKWASHER, 5/16" | | 4 | |
| 43214 D | 13 | CL-3904 | ADJUSTING RING PLATE | | 1 | |
| 43212 DBXA | 14 | UCL-3897-2 | ADJUSTING RING, ASSEMBLY | | 1 | |
| 43246 DX | 24 | CL-4170 | CLUTCH FACING PACKAGE (SET) | | 1 | |
| 43247 D | 25 | CL-1012-2 | CLUTCH FACING RIVET (ORDER 67116 D) | | 36 | |
| 63385 D | 25 | CL-1011-1 | CLUTCH FACING RIVET (ORDER 67116 D) | | 36 | |
| 67116 D | 25 | CL-4049-1 | CLUTCH FACING RIVET (WILL WORK FOR 43247 D | | | |
| | | | AND 63385 D) | | 42 | |
| 43213 DBY | 26 | UCL-3894-3 | PRESSURE PLATE, ASSEMBLY | | 1 | |
| 31232 D | 27 | CL-3468 | CAM BLOCK SCREW WASHER, 1/4" | | | |
| | | | (SHAKEPROOF NO. 1114) (ORDER 54953 D) | TDR 501 TO 1340 | 6 | |
| 54953 D | 27 | CL-4799 | CAM BLOCK SCREW LOCK (WILL WORK FOR 31232 D) | TDR 1341 UP | 6 | |
| 43248 D | 29 | UCL-3478-S-6 | SET OF 6 CAM BLOCKS | | 1 | |
| | 28 | | SCREW, 1/4 - 20 X 1/2" FILLISTER HEAD | | 6 | |
| 43208 DCX | 31 | UCL-3895-4 | BACK PLATE WITH 3 STUDS, 43209 DA AND | | | |
| | | | 3 PINS, 3741 T | | 1 | |
| 54949 D | 32 | CL-4306 | RETURN SPRING BOLT | TDR 1341 TO 2032 | 6 | |
| 61130 D | 32 | CL-5328 | RETURN SPRING BOLT | TDR 2033 UP | 6 | |
| | | | HEX NUT, 5/16" N.F. (CASTELLATED) | | 6 | |
| | | | COTTER PIN, 1/16 X 1/2" | | 6 | |

**Note No. 1—Order Machine Attachments through same channels as complete machine is ordered.**
**Note No. 2—Order attachments (not marked Machine Attachments) through regular service parts channel.**

| I H C PART NUMBER | REF. NO. | MFR'S. NUMBER | DESCRIPTION | SERIAL NUMBER | NO. REQ'D |
|---|---|---|---|---|---|
| | | | **OVER-CENTER ENGINE CLUTCH, 17" (Hand Operated) (Rockford Drilling Machine)—Continued** | | |
| 43217 D | 33 | CL-4451 | RETURN SPRING | | 6 |
| | 34 | | FOLLOWS REFERENCE NO. 37 | | |
| 254621 R1 | 35 | CL-4341 | LINK PIN, SHORT | TDR 13001 UP | 3 |
| | | CL-4597 | SPRING COTTER, 1/8 x 5/8" | | 3 |
| | | CL-4347 | WASHER, 3/8 I.D. x 7/8" O.D. x No. 16 GAUGE | | 3 |
| N 32202 | 35 | CL-4341 | LINK PIN, SHORT | TDR 1341 TO 13000 | 3 |
| | | | SPRING COTTER 1/8 X 5/8" | | 3 |
| | | | WASHER, 3/8" I.D. X 7/8" O.D. X No. 16 GAUGE (Q 105) | | 3 |
| 43207 D | 36 | CL-4339-1 | CONNECTING LINK | | 3 |
| 43211 D | 37 | CL-4340 | LINK PIN, LONG | TDR 1341 UP | 3 |
| | | | SPRING COTTER, 1/8 X 5/8" | | 3 |
| | 34 | | WASHER, 3/8" I.D. X 7/8" O.D. X No. 16 GAUGE (Q 105) | | 3 |
| 43210 DX | 38 | UCL-4337-S-3 | SET OF 3 CAMSHAFTS, COMPLETE | TDR 501 TO 1340 | 1 |
| 58227 D | 38 | UCL-1-4337-S-3 | SET OF 3 CAMSHAFTS, COMPLETE (ORDER 56996 DX) | TDR 1341 UP | 1 |
| Q 3625 | 39 | CL-4475 | RELEASE BEARING LUBRICATOR | | 1 |
| 43199 D | 40 | CL-4052 | DOWEL PIN | | 2 |
| Q 3627 | 48 | CL-5028 | CAMSHAFT LUBRICATOR FITTING | TDR 1341 UP | 3 |
| 29115 DX | 50 | UCL-3209 | ADJUSTING LOCK WITH SPRING AND LATCH | TDR 501 TO 1340 | 1 |
| 61128 D | 50 | CL-5201 | ADJUSTING LOCK | | 1 |
| 43194 D | 51 | CL-4154 | SLEEVE BUSHING | | 2 |
| | 52 | | FOLLOWS REFERENCE NO. 6 | | |
| 27166 H | 53 | CL-1608 | ADJUSTING LOCK SCREW NUT | TDR UP | 2 |
| 61115 D | 54 | CL-5215 | ADJUSTING LOCK SCREW | TDR UP | 2 |
| 40938 DE | 57 | CLA-1152-AD | ENGINE CLUTCH, COMPLETE, 43206 DE WITH DRIVEN MEMBER, 43202 D (WILL WORK FOR 254916 R91) | | 1 |
| | | | CAP SCREW, 1/2 X 2-1/8" N.C. HEX HEAD | | 9 |
| | | | LOCKWASHER, 1/2" | | 9 |
| 31236 D | | CL-3462 | ADJUSTING LOCK PIN | TDR 501 TO 1340 | 1 |
| 43197 DX | | UCL-4256 | BEARING CARRIER, COMPLETE | | 1 |
| 43209 DA | | CL-3902 | DRIVE STUD | | 3 |
| 54954 D | | CL-4843 | ADJUSTING LOCK PIN | TDR 1341 TO TDR | 1 |
| 54955 D | | CL-4841 | ADJUSTING LOCK BRACKET | TDR 1341 TO TDR | 1 |
| | | | RIVET, 3/16 X 17/32" FLAT HEAD | | 2 |
| 54955 DX | | UCL-4841 | BRACKET AND LOCK, ASSEMBLY | TDR 1341 TO TDR | 1 |
| 54956 D | | CL-4809 | ADJUSTING LOCK SPRING | TDR 1341 TO TDR | 1 |
| 54957 D | | CL-4808 | ADJUSTING LOCK | TDR 1341 TO TDR | 1 |
| 56996 DX | | UCL-1-4337-S-3-A | SET OF 3 CAMSHAFTS WITH SET OF 6 CAM BLOCKS, COMPLETE (WILL WORK FOR 58227 D AND DX) | TDR 1341 UP | 1 |
| 58227 DX | | UCL-1-4337-S-3-A | SET OF 3 CAMSHAFTS, COMPLETE, 58227 D WITH SET OF 6 CAM BLOCKS, 43248 D (ORDER 56996 DX) | TDR 1341 UP | 1 |
| 3741 T | | | DRIVE STUD PIN, 1/4" | | 3 |

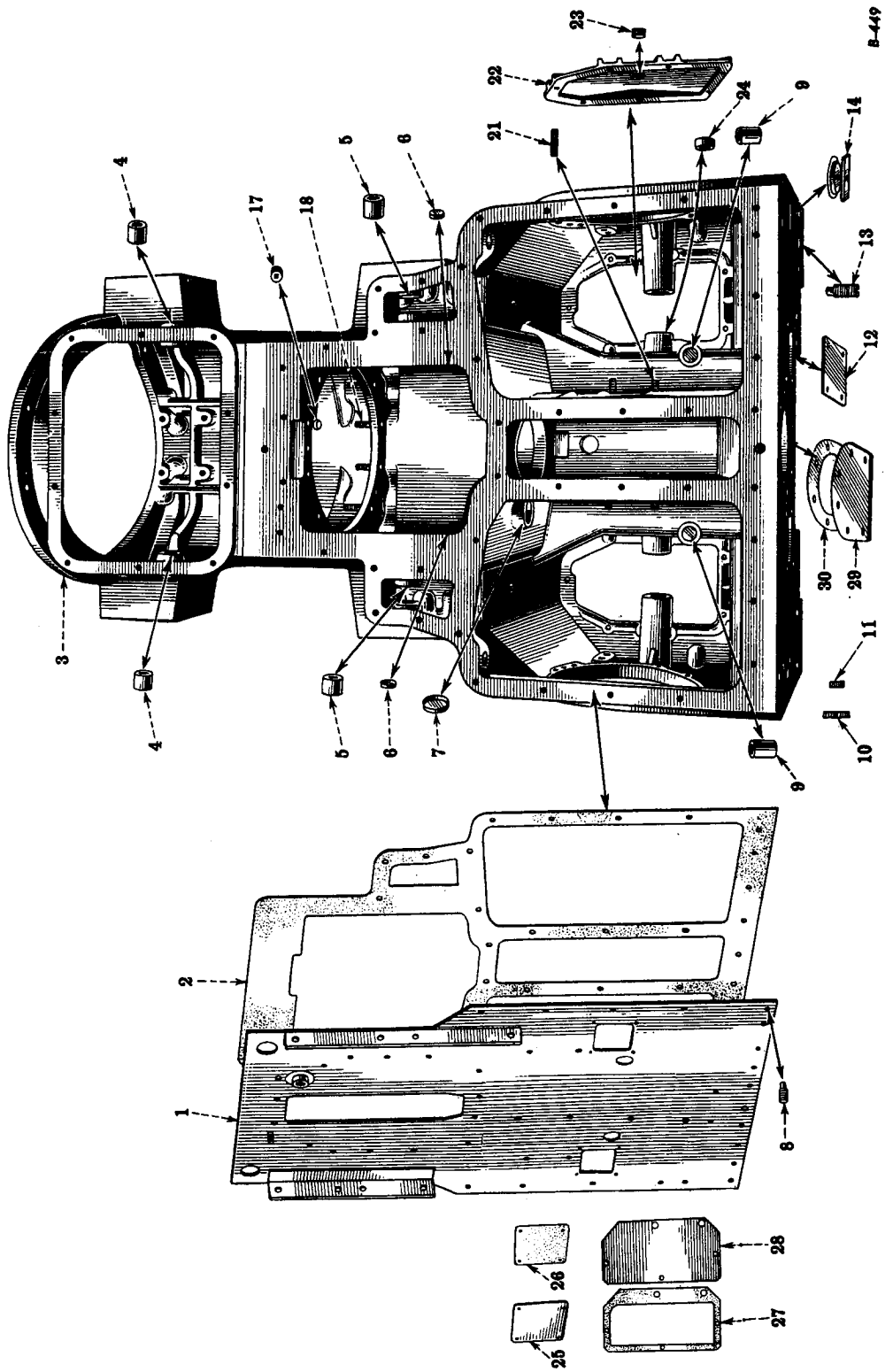



## OVER-CENTER ENGINE CLUTCH, 17" (Hand Operated)

**(Auburn Mfg. Company)**

*Reference numbers only are shown in illustration. Use I H C part numbers in ordering.*
*Unnumbered parts in the illustrations are the same as corresponding parts shown with numbers.*

| I H C PART NUMBER | REF. NO. | MFR'S. NUMBER | DESCRIPTION | SERIAL NUMBER | NO. REQ'D |
|---|---|---|---|---|---|
| | | | **OVER-CENTER ENGINE CLUTCH, 17" (Hand Operated) (Auburn Mfg. Company)** | | |
| 254916 R91 | 1 | TR 17-8 | ENGINE CLUTCH, COMPLETE 255738 R91 | | |
| | | | WITH DRIVEN MEMBER, 255739 R91 | | |
| | | | (40938 DE WILL WORK) | | 1 |
| 253738 R91 | 2 | 17003-8 | CLUTCH, COMPLETE LESS DRIVEN MEMBER | | 1 |
| | | | | | |
| 255884 R91 | 3 | 1238 | RELEASE SLEEVE AND YOKE | | 1 |
| 255740 R91 | 4 | 1230 | PRESSURE PLATE AND RING, COMPLETE | | 1 |
| 255888 R1 | 5 | 1259 | BEARING RETAINER | | 1 |
| 255887 R1 | 6 | 1258 | LOCK RING | | 1 |
| | | | | | |
| 40940 D | 7 | 1241 | BEARING (N.C. 7514) | | 1 |
| Q 3625 | 8 | 1242 | GREASE FITTING (LINCOLN 5100) | | 1 |
| 255885 R1 | 9 | 1243 | RELEASE YOKE | | 1 |
| 255890 R91 | 10 | 1239 | RELEASE SLEEVE WITH 6 BUSHINGS 255892 R1 | | 1 |
| 258565 R1 | 11 | | LINK PIN LOCK CLIP | | 1 |
| | | | | | |
| 255895 R2 | 12 | 1180 | LINK | | 6 |
| 255892 R1 | 13 | 1758 | BUSHING | | 6 |
| 258564 R1 | 14 | 1755 | LINK PIN | | 12 |
| | | | COTTER PIN, 1/8 x 3/4" | | 12 |
| 255897 R1 | 15 | 1390 | ACTUATING LEVER | | 6 |
| 255759 R91 | 16 | 1801 | BACK PLATE DRIVE PLATES | | 1 |
| | | | RIVET, 3/8 x 1-3/8" ROUND HEAD | | 6 |
| | | | | | |
| 255754 R91 | 17 | | ADJUSTING RING WITH 6 BRACKETS, 6 WEAR PLATES, | | |
| | | | AND 6 LEVER LOCK PIN CLIPS | | 1 |
| 255749 R91 | 18 | 676 | PRESSURE RING WITH 1 CAM RETAINER AND 6 CAMS | | 1 |
| 255741 R1 | 19 | 1803 | PRESSURE PLATE | | 1 |
| 255739 R91 | 20 | 17002-2 | DRIVEN MEMBER | | 1 |
| ST 302 | 21 | | ENGINE CLUTCH PILOT BEARING (I.H. PL 330) | | 1 |
| 255893 R1 | 22 | 175 | RETRACTING CAP SCREW | | 3 |
| 255894 R1 | 23 | 1729 | RETRACTING SPRING | | 3 |
| | | | | | |
| 255742 R1 | 24 | 1208 | SPRING CUP | | 18 |
| 255746 R1 | 25 | 659 | AUXILIARY SPRING RETAINER | | 18 |
| 255743 R1 | 26 | 712 | PRESSURE SPRING | | 18 |
| 255745 R1 | 27 | 673 | AUXILIARY PRESSURE SPRING | | 18 |
| 255747 R1 | 28 | 1207 | AUXILIARY SPRING RETAINER | | 18 |
| | | | CAP SCREW 3/8 x 1" N.C. HEX HEAD | | 9 |
| | | | LOCKWASHER 3/8 | | 9 |
| 255748 R1 | 29 | 1204 | INSULATING WASHER | | 18 |
| | | | | | |
| | | | | | |
| 255744 R2 | | 1737 | SPACER | | 9 |
| 255762 R1 | | 1229 | ADJUSTING LOCK SCREW | | 1 |
| | | | LOCKWASHER, 7/16" | | 1 |
| | | | COTTER PIN, 3/32 x 3/4" | | 1 |
| 255763 R1 | | 1185 | SPACER | | 2 |
| | | | HEAD BOLT, 5/16 x 1-1/4" | | 2 |
| | | | LOCKWASHER, 5/16" | | 2 |
| 255764 R1 | | 1228 | ADJUSTING LOCK PLATE | | 1 |
| 255886 R1 | | 1240 | FELT WASHER | | 1 |
| 255889 R1 | | 31 | CAP SCREW, 3/8 x 5/8" N.C. HEX HEAD | | 6 |
| | | | LOCKWASHER, 3/8" | | 6 |
| 255896 R1 | | 1755 | LINK PIN | | 12 |
| | | | COTTER PIN, 1/8 x 3/4" | | 12 |
| 255898 R1 | | 1754 | ACTUATING LEVER PIN | | 6 |




**MAIN FRAME AND COVERS**

*Reference numbers only are shown in illustration. Use I H C part numbers in ordering. Unnumbered parts in the illustrations are the same as corresponding parts shown with numbers*

| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D |
|---|---|---|---|---|
| | | **MAIN FRAME AND COVERS** | | |
| 42554 DAXA | 1 | Main Frame Cover, Complete (Not Odometer Drive) | See Note Ⓒ | 1 |
| | | Cap Screw, 1/2 X 1-1/4" N.C. Hex Head | | 38 |
| | | Hex Nut, 1/2" N.C. (Welded on Cover) | | 14 |
| | | Lockwasher, 1/2" | | 38 |
| 42554 DAYA | 1 | Main Frame Cover, Complete (Will Work for 42554 DX) | | |
| | | (Not Odometer Drive) | TDR 501 to 936 | 1 |
| 57100 DXA | 1 | Main Frame Cover, Complete (Not Odometer Drive) | See Note Ⓔ | 1 |
| | | Cap Screw, 1/2 X 1-1/4" N.C. Hex Head | | 38 |
| | | Hex Nut, 1/2" N.C. (Welded on Cover) | | 14 |
| | | Lockwasher, 1/2" | | 38 |
| 59235 DX | 1 | Main Frame Cover (Odometer Drive - Special) | See Note Ⓓ | 1 |
| | | Cap Screw, 1/2 X 1-1/4" N.C. | | 38 |
| | | Hex Nut, 1/2" N.C. (Welded on Cover) | | 14 |
| | | Lockwasher, 1/2" | | 38 |
| 59236 DX | 1 | Main Frame Cover (Odometer Drive - Special) | See Note Ⓔ | 1 |
| | | Cap Screw, 1/2 X 1-1/4" N.C. Hex Head | | 38 |
| | | Hex Nut, 1/2" N.C. (Welded on Cover) | | 14 |
| | | Lockwasher, 1/2" | | 38 |
| | | | | |
| 42552 D | 2 | Main Frame Cover Gasket | | 2 |
| | | | | |
| | | | | |
| 5900 DJX | 3 | Main Frame with Studs and Bushings (Order 5900 DKZ) | TDR 3765 to 17731, Also ⊛ | 1 |
| | | Socket Head Pipe Plug, 1-1/2" | | 1 |
| | | Cork, 13/32 X 9/16" Diameter X 3/4" Long | | 2 |
| | | Cork, 1/2 X 11/16" Diameter X 7/8" Long | | |
| | | Cork, 5/8 X 1-3/16" Diameter X 1" Long | | |
| | | Cork, 25/32 X 1" Diameter X 1-1/4" Long | | |
| | | Cork, 1-3/16 X 1-3/8" Diameter X 1" Long | | |
| | | Cork, 1-3/16 X 1-7/16" Diameter X 1-1/2" Long | | |
| 5900 DJY | 3 | Main Frame, Complete with Side Channels (Will Work for 5900 DX, DAX, DBX, DCX, DFY, DGY and DHY) (Order 5900 DKY) | TDR 501 to 1551, Also ⊛ | 1 |
| 5900 DJZ | 3 | Main Frame with Studs and Bushings (Will Work for 5900 DFX, DGX, DGZ and DHZ) (Order 5900 DKZ) | TDR 1552 to 3764, Also ⊛ | 1 |
| 5900 DKX | 3 | Main Frame, Complete with Studs and Bushings | TDR 17732 up Not ⊛ | 1 |
| 5900 DKY | 3 | Main Frame, Complete with Side Channels (Will Work for 5900 DJY) | TDR 501 to 15551, Not ⊛ | 1 |
| 5900 DKZ | 3 | Main Frame, Complete with Side Channels (Will Work for 5900 DJZ and 5900 DJX) | TDR 15552 to 17731, Not ⊛ | 1 |
| | | | | |
| | | | | |
| 41598 D | 4 | Engine Clutch Release Shaft Bushing | | 2 |
| 41599 D | 5 | Steering Brake Lever-Outer Bushing | | 4 |
| 41600 D | 6 | Steering Brake Operating Shaft Plug | | 2 |
| 46369 D | 7 | Transmission Reverse Idler Shaft Plug | | 1 |

Note Ⓒ - TDR 937 to 1443 (Not 1442)

Note Ⓓ - TDR 501 to 1443 (Not 1442

Note Ⓔ - TDR 1442 up (Not 1443)

⊛ - TDR 17740, 17741, 17742 and 17743

# CHASSIS

## MAIN FRAME AND COVERS

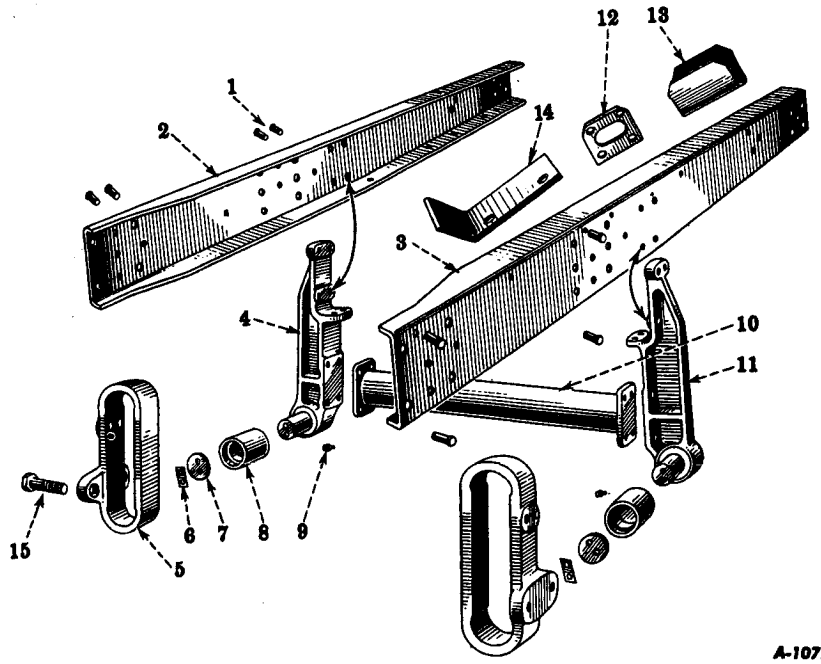
| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D |
|---|---|---|---|---|
| 18585 DA | 8 | Main Frame Cover Dowel Pin (Will Work for 42548 D) | See Note Ⓐ | 2 |
| 42548 D | 8 | Main Frame Cover Dowel Pin (Order 18585 DA) | See Note Ⓑ | 2 |
| 42000 D | 9 | Steering Clutch Release Shaft Bushing | TDR 501 to 13000 | 2 |
| | | | | |
| 57387 D | 10 | Drawbar Guide Bracket Stud, Upper | TDR 1552 up | 2 |
| 57386 D | 11 | Drawbar Guide Bracket Stud, Lower | TDR 1552 up | 4 |
| | | | | |
| 42290 D | 12 | Main Frame Rear Inspection Cover | | 2 |
| | | Cap Screw 3/8 X 3/4" N.C. Hex Head | | 8 |
| | | Lockwasher, 3/8" | | 8 |
| | | | | |
| 40998 DA | 13 | Track Pivot Shaft Set Screw | | 2 |
| | | Hex Nut, 3/4" N.C. | | 2 |
| | | | | |
| 42297 D | 14 | Steering Clutch Lubrication Port Cover with Clamp and Bolt | | 2 |
| 4926 DA | 17 | Engine Clutch Compartment Drain Plug | | 1 |
| | | Cotter Pin, 3/16 x 5/8" | | 1 |
| | | | | |
| 41957 D | 18 | Transmission End Cover Stud | | 4 |
| 40932 DA | 21 | Drive Bevel Gear Bearing Cage Stud | | 4 |
| | | | | |
| 5803 DC | 22 | Steering Brake Inspection Cover | | 2 |
| | | Cap Screw, 1/2 X 1-1/2" N.C. Hex Head | | 14 |
| | | Lockwasher, 1/2" | | 14 |
| | | | | |
| | 23 | Steering Brake Inspection Cover Drain Plug | | 2 |
| 41162 D | 24 | Brake Pivot Shaft Cup Plug | TDR 976 up | 2 |
| | | | | |
| 56011 D | 25 | Steering Clutch Inspection Cover | See Note Ⓔ | 2 |
| | | Cap Screw, 5/16 X 1/2" N.F. Hex Head | | 8 |
| | | Lockwasher, 5/16" | | 8 |
| | | | | |
| 56014 D | 26 | Steering Clutch Inspection Cover Gasket | See Note Ⓔ | 2 |
| 42559 D | 27 | Steering Clutch Inspection Cover Gasket | See Note Ⓓ | 2 |
| 42561 D | 28 | Steering Clutch Inspection Cover | See Note Ⓓ | 2 |
| | | Cap Screw, 5/16 X 1/2" N.C. Hex Head | | 6 |
| | | Lockwasher, 5/16" | | 6 |
| | | | | |
| 42288 D | 29 | Power Take-off Cover | | 1 |
| | | Cap Screw, 3/4 X 1-1/4" N.C. Hex Head | | 6 |
| | | Lockwasher, 3/4" | | 6 |
| 42289 D | 30 | Power Take-off Cover Gasket | | 1 |
| | | | | |
| | | | | |
| 18938 DA | | Rear Engine Support Dowel Bolt, 2-1/2" Long | TDR 501 to 3751 | 2 |
| 62863 D | | Rear Engine Support Dowel Bolt | TDR 3752 up | 2 |
| | | Hex Nut, 5/8" N.F. | | |
| | | Lockwasher, 5/8" | | |
| | | | | |
| 64810 D | | Sprocket Drive Carrier and Cover Stud | | 16 |
| 65010 D | | Cover to Main Frame Dowel Pin | | |
| | | (Used in Field Change Package) | TDRM 3765 up | 4 |

Note Ⓐ - TDR 1118 to 1443, TDR 1478 up

Note Ⓑ - TDR 501 to 1117, 1442 to 1477 (Not 1443)

Note Ⓓ - TDR 501 to 1443, Not 1442

Note Ⓔ - TDR 1442 up, Not 1443




*Reference numbers only are shown in illustration. Use I H C part numbers in ordering.*
*Unnumbered parts in the illustrations are the same as corresponding parts shown with numbers.*

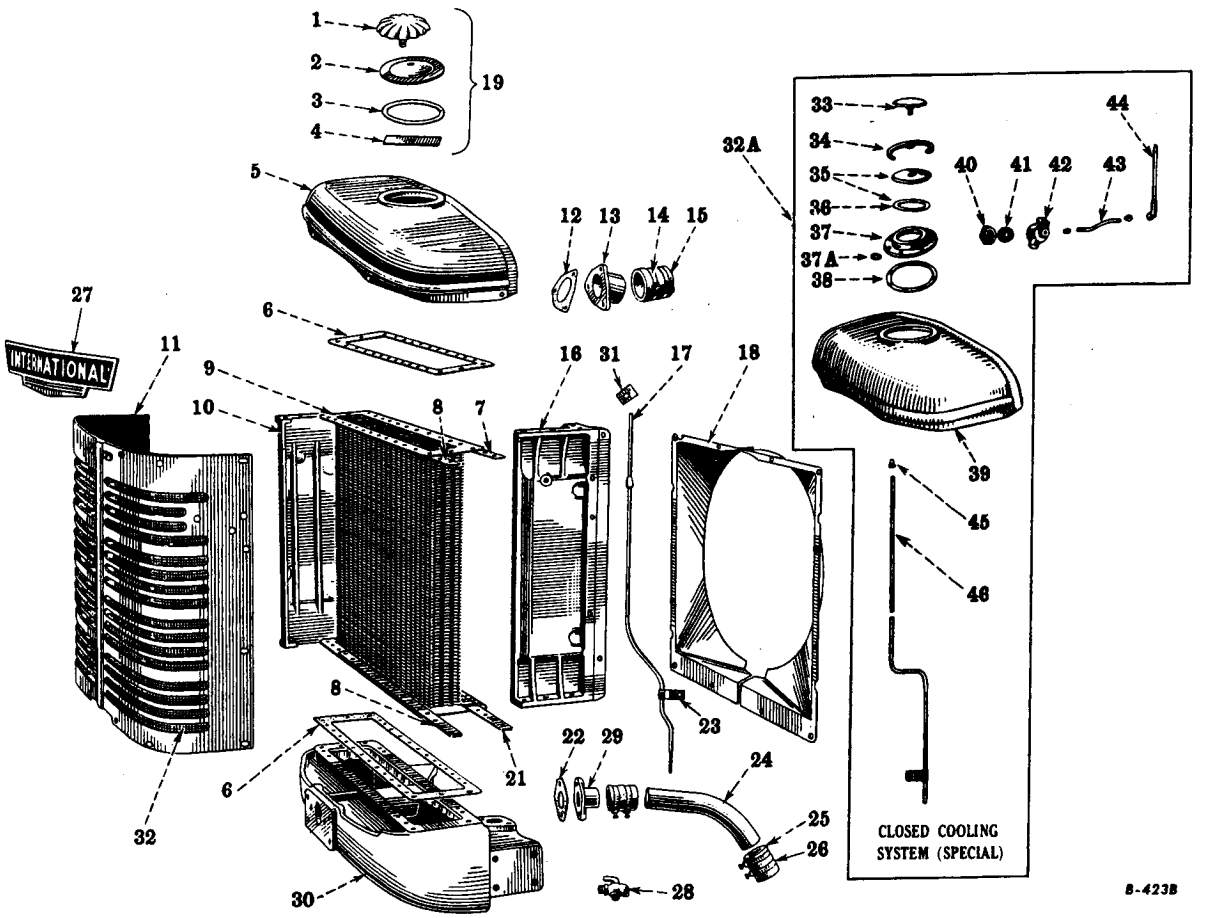
## MAIN FRAME SIDE CHANNELS
## TRACK FRAME GUIDE, ROLLERS AND BRACKET
**(Not Rigid Track Frame)**

| | | | | |
|---|---|---|---|---|
| 42293 D | 1 | Main Frame Side Channel Dowel | | 8 |
| | | | | |
| 42291 DB | 2 | Main Frame Side Channel, L.H. | TDR 751 to 975 | 1 |
| | | Cap Screw, 3/4 X 2" N.C. Hex Head | | 4 |
| | | Cap Screw, 7/8 X 2-1/4" N.C. Hex Head | | 6 |
| | | Lockwasher, 3/4" | | 4 |
| | | Lockwasher, 7/8" | | 6 |
| 52415 DA | 2 | Main Frame Side Channel, L. H. (To Be used with 5900 DKX. | | |
| | | Main Frame Only) | TDR 976 to 1653 | 1 |
| | | Cap Screw, 3/4 X 2" N.C. Hex Head | | 4 |
| | | Cap Screw, 7/8 X 2-1/4" N.C. Hex Head | | 6 |
| | | Lockwasher, 3/4" | | 4 |
| | | Lockwasher, 7/8" | | 6 |
| 58194 DA | 2 | Main Frame Side Channel, L. H. | TDR 1654 up | 1 |
| | | Cap Screw, 3/4 X 2" N.C. Hex Head | | 4 |
| | | Cap Screw, 7/8 X 2-1/4" N.C. Hex Head | | 6 |
| | | Lockwasher, 3/4" | | 4 |
| | | Lockwasher, 7/8" | | 6 |
| | | | | |
| | | | | |
| 42292 DA | 3 | Main Frame Side Channel R. H. | TDR 501 to 975 | 1 |
| | | Cap Screw, 3/4 X 2" N.C. Hex Head | | 4 |
| | | Cap Screw, 7/8 X 2-1/4" N.C. Hex Head | | 6 |
| | | Lockwasher, 3/4" | | 4 |
| | | Lockwasher, 7/8" | | 6 |
| 52416 DA | 3 | Main Frame Side Channel, R. H. | TDR 976 up | 1 |
| | | Cap Screw, 3/4 X 2" N.C. Hex Head | | 4 |
| | | Cap Screw, 7/8 X 2-1/4" N.C. Hex Head | | 6 |
| | | Lockwasher, 3/4" | | 4 |
| | | Lockwasher, 7/8" | | 6 |

| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D | |
|---|---|---|---|---|---|
| | | **MAIN FRAME SIDE CHANNELS** | | | |
| | | **TRACK FRAME GUIDE, ROLLERS AND BRACKET —Continued** | | | |
| | | **(Not Rigid Track Frame)** | | | |
| 34-2835-1 | 3 | Main Frame Side Channel R.H. (⊛Pipe Layer Modification | | | |
| | | Trackson - 14) | | 1 | |
| 5767 DAX | 4 | Track Frame Guide Roller Bracket, L. H. with Roller | | | |
| | | Shaft (Not Wide Tread) | | 1 | |
| | | Cap Screw, 3/4 X 2-1/8" N.F. Hex Head | | 4 | |
| | | Cap Screw, 3/4 X 2-5/8" N.F. Hex Head | | 2 | |
| | | Hex Nut, 3/4" N.F. | | 6 | |
| | | Lockwasher, 3/4" | | 6 | |
| 5769 DAX | 4 | Track Frame Guide Roller Bracket, L. H. with Roller | | | |
| | | Shaft (Wide Tread) | | 1 | |
| | | Cap Screw, 3/4 X 2-1/8" N.F. Hex Head | | 4 | |
| | | Cap Screw, 3/4 X 2-5/8" N.F. Hex Head | | 2 | |
| | | Hex Nut, 3/4" N.F. | | 6 | |
| | | Lockwasher, 3/4" | | 6 | |
| 41435 DA | 5 | Track Frame Guide (Order 63677 D) | TDR 501 to 3869 | 2 | |
| | | Cap Screw, 7/8 x 2" N.F. Hex Head | | 4 | |
| | | Lockwasher, 7/8" | | 4 | |
| 41435 DB | 5 | Track Frame Guide | TDR 3870 up | 2 | |
| | | Cap Screw, 7/8 x 2-1/8" N.F. Hex Head | | 4 | |
| | | Lockwasher, 7/8" | | 4 | |
| 63677 D | 5 | Track Frame Guide, 41435 DB with Bolt, 59238 D | | | |
| | | and 1" Lockwasher (Will Work for 41435 DA) | TDR 501 to 3869 | | |
| 35089 D | 6 | Track Frame Guide Roller Retaining Washer Lock | | 2 | |
| 41431 D | 7 | Track Frame Guide Roller Retaining Washer | | 2 | |
| | | Cap Screw, 1/2 X 7/8" N.F. Hex Head | | 4 | |
| 41430 D | 8 | Track Frame Guide Roller | | 2 | |
| Q 3615 | 9 | Track Frame Guide Roller Lubricator | | 2 | |
| 41432 DXA | 10 | Track Frame Guide Roller Bracket Brace with Flanges | | | |
| | | (Not Wide Tread) | | 1 | |
| | | Cap Screw, 3/4 X 2" N.F. Hex Head | | 8 | |
| | | Hex Nut, 3/4" N.F. | | 8 | |
| | | Lockwasher, 3/4" | | 8 | |
| 41433 DXA | 10 | Track Frame Guide Roller Bracket Brace with Flanges | | | |
| | | (Wide Tread) | | 1 | |
| | | Cap Screw, 3/4 X 2" N.C. Hex Head | | 4 | |
| | | Cap Screw, 3/4 X 2" N.F. Hex Head | | 4 | |
| | | Hex Nut, 3/4" N.C. | | 4 | |
| | | Hex Nut, 3/4" N.F. | | 4 | |
| | | Lockwasher, 3/4" | | 8 | |
| 5768 DAX | 11 | Track Frame Guide Roller Bracket, R. H. with Roller | | | |
| | | Shaft (Not Wide Tread) | | 1 | |
| | | Cap Screw, 3/4 X 2-1/8" N.F. Hex Head | | 4 | |
| | | Cap Screw, 3/4 X 2-5/8" N.F. Hex Head | | 2 | |
| | | Hex Nut, 3/4" N.F. | | 6 | |
| | | Lockwasher, 3/4" | | 6 | |
| | | ⊛- For Tabulation of Modification see Introduction Page | | | |

| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D |
|---|---|---|---|---|
| | | **MAIN FRAME SIDE CHANNELS.** | | |
| | | **TRACK FRAME GUIDE, ROLLERS AND BRACKETS—Continued** | | |
| | | **(Not Rigid Track Frame)** | | |
| 5770 DAX | 11 | Track Frame Guide Roller Bracket, R. H. with Roller | | |
| | | Shaft (Wide Tread) | | 1 |
| | | Cap Screw, 3/4 X 2-1/8" N.F. Hex Head | | 4 |
| | | Cap Screw, 3/4 X 2-5/8" N.F. Hex Head | | 2 |
| | | Hex Nut, 3/4" N.F. | | 6 |
| | | Lockwasher, 3/4" | | 6 |
| 50180 D | 12 | Starting Crank Support Clamp | TDR 832 up | 1 |
| | | Cap Screw, 1/2 X 1-3/8" N.F. Hex Head | | 2 |
| | | Hex Nut, 1/2" N.F. | | 2 |
| | | Lockwasher, 1/2" | | 2 |
| 50181 D | 13 | Starting Crank Support Clamp | TDR 832 up | 1 |
| | | Cap Screw, 3/8 X 1-1/8" N.F. Hex Head | | 2 |
| | | Hex Nut, 3/8" N.F. | | 2 |
| | | Lockwasher, 3/8" | | 2 |
| 43183 D | 14 | Water Trap Guard (Not Crankcase Guard) | | 1 |
| | | Cap Screw, 7/8 X 2" N.F. Hex Head | | 2 |
| | | Hex Nut, 7/8" N.F. | | 2 |
| | | Lockwasher, 7/8" | | 2 |
| 59237 D | 15 | Track Frame Guide Bolt | TDR 501 to 3869 | 4 |
| | | Lockwasher, 1" | | 4 |
| 59238 D | 15 | Track Frame Guide Bolt | TDR 3870 up | 4 |
| | | Lockwasher, 1" | | 4 |
| 42291 DBX | | Main Frame Side Channel, L. H. with Engine Side Sheet, 48375 D and Inspection Hole Cover, 48376 DX (Will Work for 42291 D) | TDR 501 to 750 | 1 |
| 253983 R1 | | Main Frame Side Channel, R.H. (*) Pipe Layer Modification Superior IH) | | |

(*) - For Tabulation Of Modification See Introductory Page




*Reference numbers only are shown in illustration. Use I H C part numbers in ordering.*
*Unnumbered parts in the illustrations are the same as corresponding parts shown with numbers.*

## RADIATOR AND CONNECTIONS

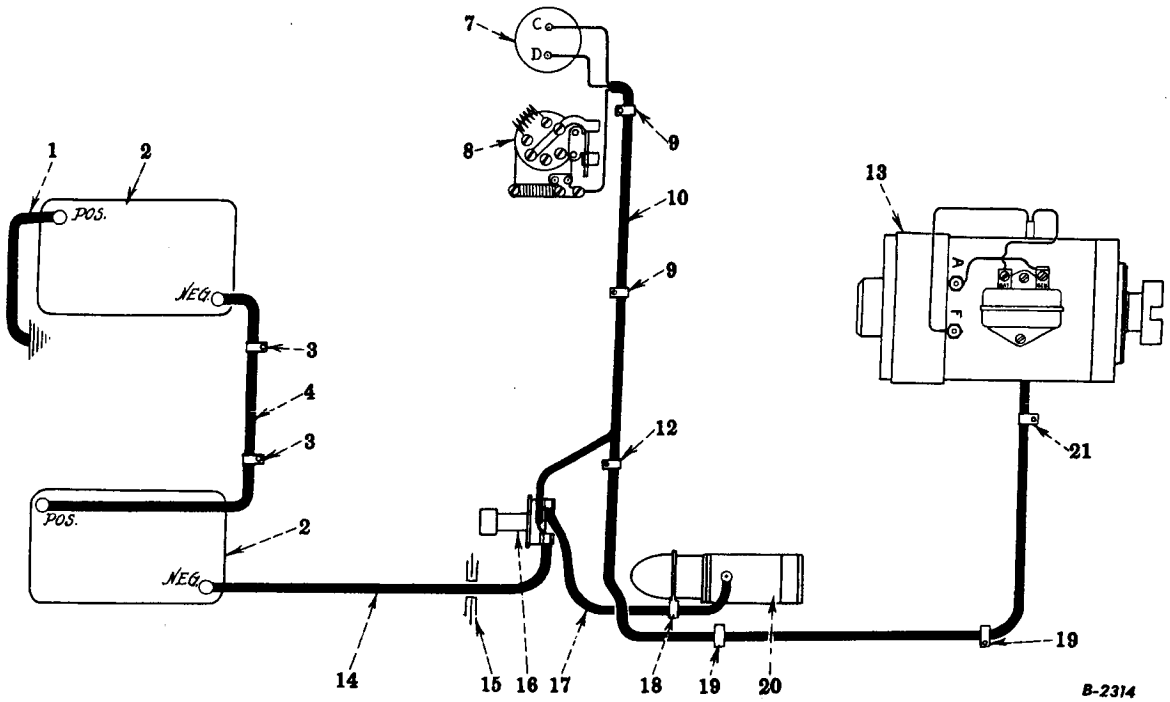
| | | | | |
|---|---|---|---|---|
| 42610 D | 1 | Radiator Cap Clamp Handle with Bolt | | 1 |
| | | Cotter Pin, 5/32 X 3/4" (Brass) - Thru Bolt | | 1 |
| 5913 D | 2 | Radiator Cap Cover | | 1 |
| 10429 D | 3 | Radiator Cap Gasket | TDR 501 to 13000 | 1 |
| 255047 R1 | 3 | Radiator Cap Gasket | TDR 13001 up | |
| 42158 D | 4 | Radiator Cap Clamp | | 1 |
| | | | | |
| 5940 DA | 5 | Water Tank, Upper | | 1 |
| 42537 D | 6 | Radiator Gasket | | X |
| | | | | |
| 42599 D | 7 | Radiator Core Stiffener, Upper Rear | | 1 |
| | | Cap Screw, 3/8 X 1" N.C. Hex Head | | 10 |
| | | Lockwasher, 3/8" | | 10 |
| 42534 D | 8 | Radiator Core Stiffener, Front | | 2 |
| | | Cap Screw, 3/8 X 1" N.C. Hex Head | | 12 |
| | | Cap Screw, 3/8 X 1-1/8" N.C. Hex Head | | 12 |
| | | Lockwasher, 3/8" | | 24 |
| 42538 DA | 9 | Radiator Core | | 1 |
| 5945 DA | 10 | Radiator Core Spacer, R. H. | | 1 |
| | | Cap Screw, 1/2 X 1-1/2" N.C. Hex Head | | 6 |
| | | Cap Screw, 1/2 X 1-3/4" N.C. Hex Head | | 2 |
| | | Lockwasher, 1/2" | | 8 |

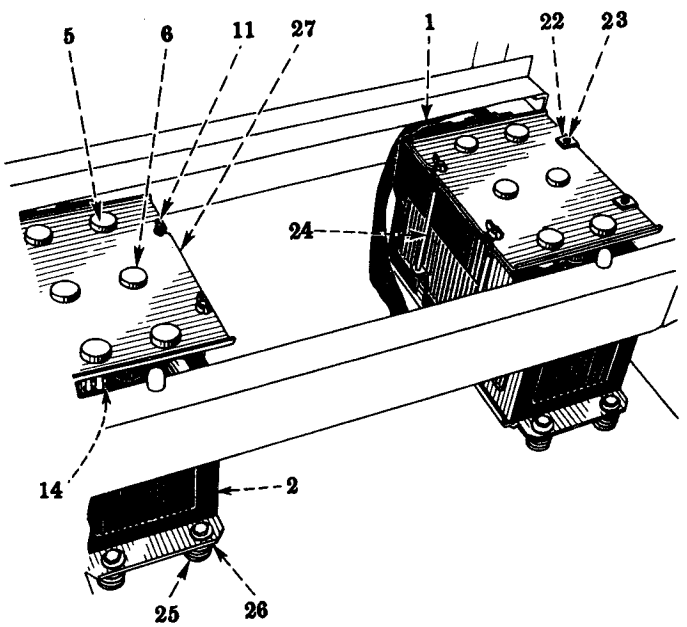
X - As Required

| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D |
|---|---|---|---|---|
| | | **RADIATOR AND CONNECTIONS—Continued** | | |
| 42603 DA | 11 | Radiator Grille, Complete with Screen, 49106 D | | 1 |
| | | Cap Screw, 3/8 X 5/8" N.C. Hex Head | | 16 |
| | | Lockwasher, 3/8" | | 16 |
| | | Washer, 13/32" I.D. X 7/8" O. D. X No. 16 Gauge | | 16 |
| | | | | |
| 42536 D | 12 | Radiator Inlet Elbow Gasket | | 1 |
| 5942 D | 13 | Radiator Inlet Elbow | TDR 501 to 13000 | 1 |
| | | Cap Screw, 3/8 X 1-1/4" N.C. Hex Head | | 3 |
| | | Lockwasher, 3/8" | | 3 |
| 251089 R1 | 13 | Radiator Inlet Elbow | TDR 13001 up | 1 |
| | | Cap Screw, 3/8 x 1-1/4" N.C. Hex Head | | 3 |
| | | Lockwasher, 3/8" | | |
| 42613 D | 14 | Radiator Inlet Hose Clamp (Order 91406 HA) | TDR 501 to 13000 | 2 |
| 42612 D | 15 | Radiator Inlet Hose (2-7/8" I.D. x 2-7/8" Long - 3 Ply) | TDR 501 to 13000 | 1 |
| 29976 D | 14 | Radiator Inlet Hose Clamp | TDR 501 to 13000 | 2 |
| 42614 D | 15 | Radiator Inlet Hose (2-3/8 I.D. x 2-7/8" Long - 3 Ply) | TDR 13001 up | 1 |
| | | | | |
| 5944 DA | 16 | Radiator Core Spacer, L. H. | | 1 |
| | | Cap Screw, 1/2 X 1-1/2" N.C. Hex Head | | 6 |
| | | Cap Screw, 1/2 X 1-3/4" N.C. Hex Head | | 2 |
| | | Lockwasher, 1/2" | | 8 |
| 42601 DAX | 17 | Radiator Overflow Pipe with Sleeve | TDR 784 up | 1 |
| 42601 DAY | 17 | Radiator Overflow Pipe, 42601 DAX with Clip, 42914 D | | |
| | | (Will Work for 42601 DX) | TDR 501 to 783 | 1 |
| | | | | |
| 256862 R1 | 18 | Fan Housing Sheet, L.H. (Will Work for 42544 DA) | TDR 15632 up | 1 |
| 42544 DA | 18 | Fan Housing Sheet, L. H. (Order 256863 R1) | TDR 501 to 15631 | 1 |
| | | Cap Screw, 3/8 X 5/8" N.C. Hex Head | | 6 |
| | | Lockwasher, 3/8" | | 6 |
| 256863 R1 | 18 | Fan Housing Sheet, R.H. ( Will Work for 42545 DA) | TDR 15632 up | 1 |
| 42545 DA | 18 | Fan Housing Sheet, R. H. (Order 256863 R1) | TDR 501 to 15631 | 1 |
| | | Cap Screw, 3/8 X 5/8" N.C. Hex Head | | 5 |
| | | Lockwasher, 3/8" | | 5 |
| | | | | |
| 42611 D | 19 | Radiator Cap Cover, Complete | | 1 |
| 42600 D | 21 | Radiator Core Stiffener, Lower Rear | | 1 |
| | | Cap Screw, 3/8 X 1-1/8" N.C. Hex Head | | 10 |
| | | Lockwasher, 3/8" | | 10 |
| 32181 D | 22 | Radiator Outlet Elbow Flange Gasket | | 1 |
| 27507 D | 23 | Radiator Overflow Pipe Clip | TDR 586 to 783 | 1 |
| | | Cap Screw, 3/8 X 3/4" N.C. Hex Head | | 1 |
| | | Lockwasher, 3/8" | | 1 |
| 42535 D | 23 | Radiator Overflow Pipe Retainer Clip | TDR 501 to 585 | 1 |
| | | Cap Screw, 3/8 X 1-1/4" N.C. Hex Head | | 1 |
| | | Lockwasher, 3/8" | | 1 |
| 42914 D | 23 | Radiator Overflow Pipe Clip | TDR 784 up | 1 |
| | | Cap Screw, 3/8 X 3/4" N.C. Hex Head | | 1 |
| | | Lockwasher, 3/8" | | 1 |
| | | | | |
| 5943 D | 24 | Radiator Outlet Pipe | TDR 501 to 562 | 1 |
| | | Cap Screw, 1/2 X 1-1/2" N.C. Hex Head | | 2 |
| | | Lockwasher, 1/2" | | 2 |
| 46677 D | 24 | Radiator Outlet Pipe | TDR 563 up | 1 |
| 42614 D | 25 | Radiator Outlet Hose (2-7/8" I.D. x 2-7/8" Long - 3 Ply) | | 2 |
| 29976 D | 26 | Radiator Outlet Hose Clamp (Order 91406 HA) | | 4 |
| 91406 HA | 26 | Radiator Hose Clamp (Will Work for 29976 D and 42613 D) | | 4 |

| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D |
|---|---|---|---|---|
| | | **RADIATOR AND CONNECTIONS—Continued** | | |
| 43144 D | 27 | NAME PLATE (INTERNATIONAL) | | 1 |
| | | SCREW, No. 8 - 32 X 3/8" OVAL HEAD (CADMIUM PLATED) | | 4 |
| 42605 D | 28 | RADIATOR DRAIN COCK | | 1 |
| 6442 D | 29 | RADIATOR OUTLET FLANGE | TDR 563 UP | 1 |
| | | CAP SCREW, 1/2 X 1-1/2" N.C. HEX HEAD | | 2 |
| | | LOCKWASHER, 1/2" | | 2 |
| 5941 DB | 30 | WATER TANK, LOWER | | 1 |
| 52033 D | 31 | RADIATOR OVERFLOW PIPE GASKET | | 1 |
| 49106 D | 32 | RADIATOR GRILLE SCREEN | TDR 660 UP | 1 |
| 259619 R91 | 32A | CLOSED COOLING SYSTEM ATTACHMENT (SPECIAL) (SEE NOTE No. 2) (INCLUDES REF. No's. 33 TO 46 INCLUSIVE) | | 1 |
| 259604 R1 | 33 | RADIATOR CAP CLAMP HANDLE | | 1 |
| 259603 R91 | 34 | RADIATOR CAP CLAMP AND TAPPING BLOCK | | 1 |
| 259599 R91 | 35 | RADIATOR CAP WITH GASKET, 259598 R1 | | 1 |
| 259598 R1 | 36 | RADIATOR CAP GASKET | | 1 |
| 259596 R1 | 37 | RADIATOR CAP FILLER NECK FLANGE | | 1 |
| | | CAP SCREW, 1/4" x 1" NC HEX HEAD | | 8 |
| 259600 R1 | 37A | RADIATOR CAP WASHER | | 8 |
| | | CAP SCREW, 1/4" x 1" NC HEX HEAD | | 8 |
| | | LOCKWASHER, 1/4" | | 8 |
| 259595 R1 | 38 | RADIATOR FILLER NECK FLANGE GASKET | | 1 |
| 259594 R1 | 39 | WATER TANK, UPPER | | 1 |
| 259611 R1 | 40 | RADIATOR OVERFLOW PRESSURE VALVE HOUSING COVER | | 1 |
| 250610 R91 | 41 | PRESSURE VALVE | | 1 |
| 259609 R1 | 42 | RADIATOR OVERFLOW PRESSURE VALVE HOUSI | | 1 |
| | | CAP SCREW, 3/8 x 1-1/4" NC HEX HEAD | | 1 |
| | | LOCKWASHER, 3/8" | | 1 |
| 259608 R11 | 43 | PRESSURE VALVE HOUSING INLET TUBE WITH 2 CONNECTOR NUTS, 29899 D | | 1 |
| 259607 R91 | 44 | RADIATOR OVERFLOW STANDPIPE WITH CONNECTOR NUT, 29899 D | | 1 |
| 29899 D | 45 | CONNECTOR NUT | | 3 |
| 259612 R11 | 46 | PRESSURE VALVE HOUSING DRAIN TUBE WITH CONNECTOR, 29899 D | | 1 |
| 42615 DE | | RADIATOR, COMPLETE | | 1 |
| 42589 D | | RADIATOR REPAIR TUBE | | X |
| 31694 H | | RADIATOR CORE SPACER GROMMET (ELECTRIC LIGHTING - SPECIAL) (NOT TRACTORS EQUIPPED WITH BULLDOZER) | | 2 |
| 1627 Y | | RADIATOR GRILLE GROMMET (ELECTRIC LIGHTING - SPECIAL) (NOT TRACTORS WITH BULLDOZER) | | 2 |

**Note No. 1—Order Machine Attachments through same channels as complete machine is ordered.**
**Note No. 2—Order attachments (not marked Machine Attachments) through regular service parts channel.**




**WIRING—BATTERIES, GENERATOR, STARTING MOTOR, STARTING SWITCH AND MOUNTING**

*Unnumbered parts in the illustrations are the same as corresponding parts shown with numbers. Reference numbers only are shown in illustration. Use I H C part numbers in ordering.*

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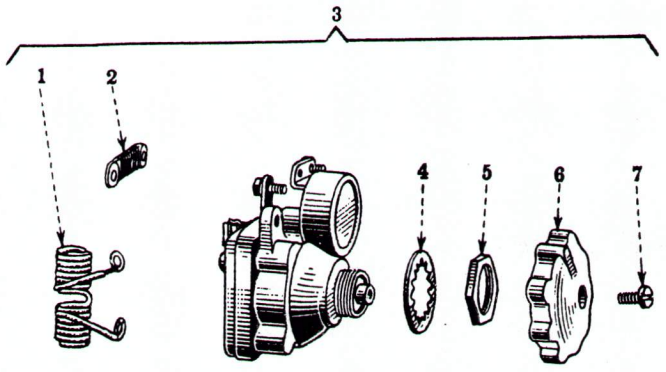
## WIRING—BATTERIES, GENERATOR, STARTING MOTOR, STARTING SWITCH AND MOUNTING

| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D |
|---|---|---|---|---|
| 42833 D | 1 | Battery to Ground Cable, Complete | | 1 |
| 30466 D | 2 | Battery (Prest-O-Lite 617 JKB) (See Note) | TDR 501 to 2649 | 2 |
| 55468 D | 2 | Battery (Willard 5245, Type DRG 17-3)(See Note) | | |
| | | (Will Work For 254933 R91) | | 2 |
| 60913 DNS | 2 | Battery (Auto-Lite H 17)(See Note) | TDR 2650 to 13000 | 2 |
| 254933 R91 | 2 | Battery (Auto-Lite 3T-160) (See Note) | | |
| | | (Will Work For 55468 DA) | TDR 13001 up | 2 |
| 38100 D | 3 | Battery to Battery Cable Clip | | 2 |
| | | Cap Screw, 3/8 x 3/4" N.F. Hex. Head | | 2 |
| | | Hex. Nut, 3/8" N.F. | | 2 |
| | | Lockwasher, 3/8" | | 2 |
| 41906 D | 4 | Battery to Battery Cable, Complete | | 1 |
| 50234 D | 5 | Battery Hold Down Rubber, Short | TDR 847 up | 4 |
| 50235 D | 6 | Battery Hold Down Rubber, Long | TDR 847 up | 8 |
| | | | | |
| 42383 D | 7 | Ammeter | | 1 |
| 57311 DX | 8 | Lighting Switch | | 1 |
| 27385 D | 9 | Ammeter to Starting Switch Cable Clip | TDR 643 up | 1 |
| | | Cap Screw, 3/8 x 3/4" N.F. Hex. Head | | 1 |
| | | Hex. Nut, 3/8" N.F. | | 3 |
| | | Lockwasher, 3/8" | | 3 |
| 27387 D | 9 | Ammeter to Starting Switch Cable Clip | TDR 501 to 642 | 2 |
| | | Cap Screw, 3/8 x 3/4" N.F. Hex. Head | | 1 |
| | | Hex. Nut, 3/8" N.F. | | 1 |
| | | Lockwasher, 3/8" | | 1 |
| | | | | |
| 48694 D | 10 | Cable Harness (Not Lighting) | TDR 643 to 1653 | 1 |
| 60011 D | 10 | Cable Harness (Not Lighting) | TDR 1654 up | 1 |
| Q 3505 | 11 | Battery Cover Clamp Bolt Wing Nut, 5/16" N.C. | | 4 |
| | | | | |
| 30665 D | 12 | Generator to Ammeter Cable Clip | | 1 |
| 42997 D | 13 | Generator | TDR 501 to 973 | 1 |
| 50585 D | 13 | Generator | TDR 974 up | 1 |
| 57148 D | 13 | Battery to Starting Switch Cable, Complete | | |
| | | (Ⓐ Pipe Layer Modification Superior 1A) | | |
| 41908 DA | 14 | Battery to Starting Switch Cable, Complete | | 1 |
| 63323 D | 15 | Battery Cable Grommet - in Dash (Will Work for 50203 H) | | |
| | | (134231 H Will Work) | | 1 |
| 134231 H | 15 | Battery Cable Grommet - in Dash (63323 D Will Work) | | 1 |
| 50203 H | 15 | Battery Cable Grommet - in Dash (Order 63323 D) | | 1 |
| 64931 H | 16 | Starting Switch | | 1 |
| 41909 D | 17 | Starting Switch to Starting Motor Cable, Complete | | 1 |
| 50899 D | 17 | Starting Switch to Starting Motor Cable, Complete | | |
| | | (Ⓐ Pipe Layer Modification Superior 1A) | | 1 |
| 41916 D | 18 | Starting Switch to Starting Motor Cable Clip | | 1 |
| 27385 D | 19 | Generator to Ammeter Cable Clip | TDR 501 to 8650 | 2 |
| | | Cap Screw, 3/8 x 1" N.F. Hex. Head | | 2 |
| | | Hex Nut, 3/8" N.F. | | 2 |
| | | Lockwasher, 3/8" | | 2 |
| 42999 D | 20 | Starting Motor | | 1 |
| 27386 D | 21 | Generator to Ammeter Cable Clip | | 1 |
| | | | | |
| 41831 D | 22 | Battery Cover Clamp Stud Washer | | 4 |
| 41830 D | 23 | Battery Cover Clamp Stud | | 4 |
| | | Hex. Nut, 5/16" N.C. | | 16 |
| | | NOTE - Order from Battery Manufacturer | | |

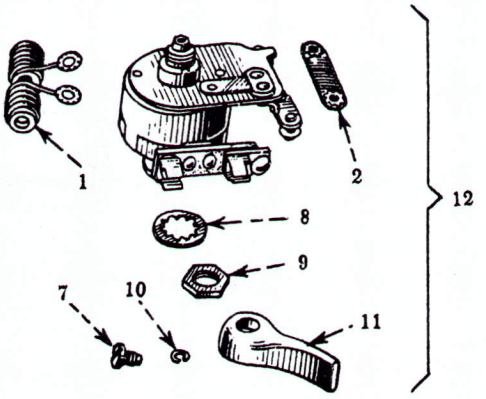
Ⓐ - For Tabulation of Modification See Indroductory Page

## WIRING—BATTERIES, GENERATOR, STARTING MOTOR, STARTING SWITCH AND MOUNTING —Continued

| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D |
|---|---|---|---|---|
| 41829 D | 24 | Battery Cover Clamp Bolt | TDR 501 to 1156 | 4 |
| 52435 D | 24 | Battery Cover Clamp Bolt | TDR 1157 up | 4 |
| 37976 D | 25 | Battery Bottom Rest Spring | | 8 |
| 41826 DX | 26 | Battery Bottom Support, Complete (Order 53030 D) | TDR 501 to 1156 | 2 |
| 41826 DXA | 26 | Battery Bottom Support with Clips | TDR 1157 up | 2 |
| | | Cap Screw, 1/2 x 2-1/4" N.C. Hex. Head | | 8 |
| | | Washer, 1 1/4" O.D. x 17/32" I.D. x No. 14 Ga. | | 8 |
| 53030 D | 26 | Battery Bottom Support, 41826 DXA with 2 Bolts, 52435 D | | |
| | | (Will Work for 41826 DX) | TDR 501 to 1156 | 2 |
| 41832 DBX | 27 | Battery Box Cover with 2 - 50234 D and 4 - 50235 D | | 2 |
| 23431 D | | Starting Switch to Starting Motor Cable Lug Terminal | | 1 |
| 27618 D | | Ammeter to Starting Switch Cable Loom Clamp Ring | | 2 |
| 27618 D | | Generator to Ammeter Cable Loom Clamp Ring | | 2 |
| 28433 D | | Ammeter to Starting Switch Cable Loom | TDR 501 to 642 | 1 |
| 30360 D | | Battery Hold Down Rubber | TDR 501 to 846 | 12 |
| 39273 DX | | Generator to Ammeter Cable, Complete with Loom | TDR 501 to 642 | 1 |
| 39274 D | | Generator to Ammeter Cable Loom | TDR 501 to 642 | 1 |
| 41630 DX | | Ammeter to Starting Switch Cable, Complete with Loom | TDR 501 to 642 | 1 |
| 41827 D | | Battery Bottom Mounting Spacer | | 8 |
| 42397 D | | Battery Cable Shield | TDR 501 to 1658 | 1 |
| | | Cap Screw, 3/8 x 5/8" N.F. Hex. Head | | 3 |
| | | Hex. Nut, 3/8" N.F. | | 3 |
| | | Lockwasher, 3/8" | | 3 |
| 59989 D | | Battery Cable Shield | TDR 1659 up | 1 |
| | | Cap Screw, 3/8 x 5/8" N.F. Hex. Head | | 3 |
| | | Hex. Nut, 3/8" N.F. | | 3 |
| | | Lockwasher, 3/8" | | 3 |
| 26375 H | | Battery Cable Terminal (Positive)(Prest-O-Lite 16892) | | 1 |
| 26376 H | | Battery Cable Terminal (Negative)(Prest-O-Lite 16893) | | 1 |
| 26376 H | | Battery to Starting Switch Cable Terminal (Negative) (Prest-O-Lite 16893) | | 1 |
| 26377 H | | Battery to Starting Switch Cable Lug Terminal, 9/16" | | 1 |
| 26377 H | | Starting Switch to Starting Motor Cable Lug Terminal, 9/16" | | 1 |
| 26453 HX | | Battery Terminal Bolt with Nut | | 4 |
| 250466 R1 | | Ammeter Clamp | | 1 |
| | | NOTE - Order from Battery Manufacturer | | |




**Tractors TDR 1654 up**

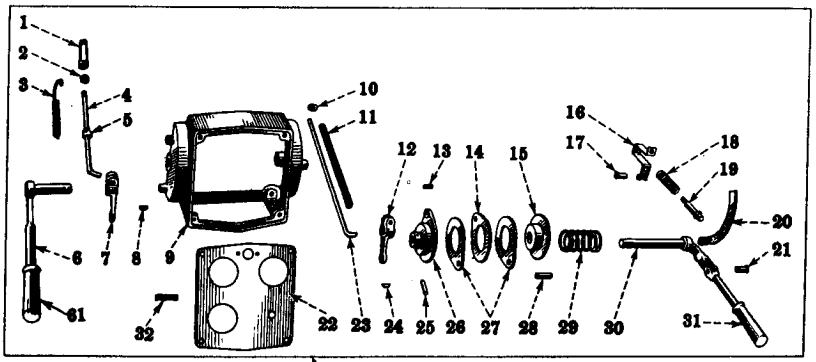


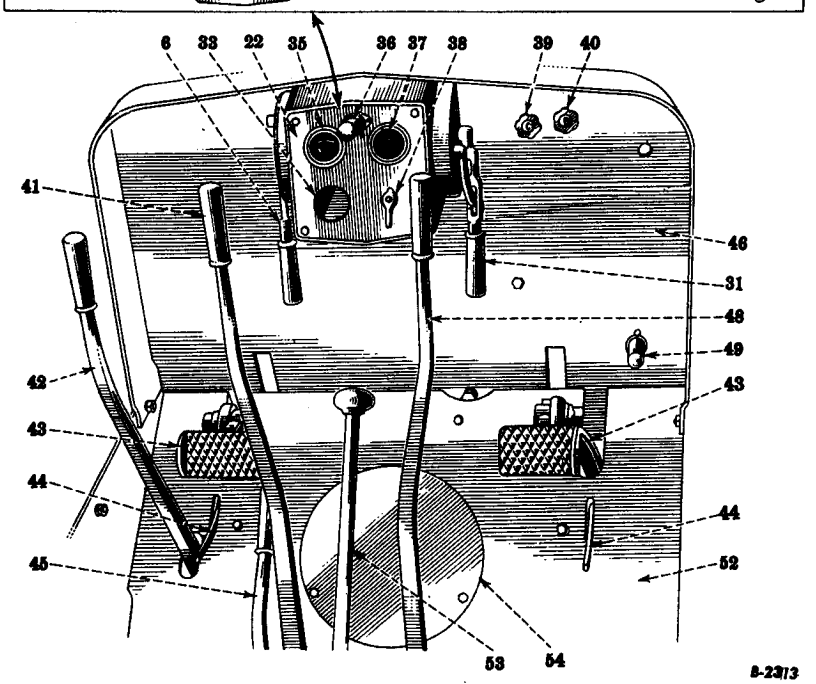

**Tractors TDR 643 to TDR 1653**

*Unnumbered parts in the illustrations are the same as corresponding parts shown with numbers. Reference numbers only are shown in illustration. Use I H C part numbers in ordering.*

## LIGHTING SWITCH
**(Delco-Remy)**

| | | | | | |
|---|---|---|---|---|---|
| 43039 D | 1 | 1877830 | Dimmer Resistance Coil | | 1 |
| 43040 D | 2 | 1877831 | Generator Field Resistance Coil | | 1 |
| 57311 DX | 3 | 1994020 | Lighting Switch, Complete with Knob, Mounting Screw and Nut (12 Volt)(For Generator Control)(Will Work for 42922 DY) | TDR 1654 up | 1 |
| | 10 | | Lockwasher, No. 8 | | 1 |
| 57311 DY | 3 | | Lighting Switch, Complete, 57311 DX with Transfer (12 Volt)(For Generator Control) (Will Work for 42922 DZ) | TDR 1654 up | 1 |
| 49425 H | 4 | | Lighting Switch Mounting Nut Lockwasher (Shakeproof 1230) | TDR 1654 up | 1 |
| 57312 D | 5 | 1882012 | Lighting Switch Mounting Nut | TDR 1654 up | 1 |
| 57313 D | 6 | 1882013 | Lighting Switch Knob | TDR 1654 up | 1 |
| 43038 D | 7 | 1864099 | Lighting Switch Knob Mounting Screw (Order 64022 H) | | 1 |
| 64022 H | 7 | | Lighting Switch Knob Mounting Screw (Will Work for 43038 D) | | 1 |
| 38767 D | 8 | | Lighting Switch Mounting Nut Lockwasher (Shakeproof 1222) | TDR 643 to 1653 | 1 |
| 43036 D | 9 | 1873327 | Lighting Switch Mounting Nut | TDR 643 to 1653 | 1 |
| | 10 | | Follows Reference No. 3 | | |
| 43037 D | 11 | 1873326 | Lighting Switch Handle | TDR 643 to 1653 | 1 |
| 42922 DY | 12 | 1994012 | Lighting Switch with Transfer, 12 Volt (For Generator Control)(Order 57311 DX) | TDR 643 to 1653 | 1 |
| 42922 DZ | 12 | | Lighting Switch, Complete with Handle, Mounting Screw and Nut (For Generator Control) (Order 57311 DY) | TDR 643 to 1653 | 1 |
| 56695 D | | 1837294 | Lighting Switch Contact Support | TDR 643 to 1653 | 1 |




*Unnumbered parts in the illustrations are the same as corresponding parts shown with numbers.*
*Reference numbers only are shown in illustration. Use I H C part numbers in ordering.*

## INSTRUMENTS, PANEL, CONTROL LEVERS AND BRAKE PEDALS

**Tractors TDR 501 to TDR 1653**

| | | | | |
|---|---|---|---|---|
| 41960 DX | 1 | Compression Release Yoke with 3/8" N.F. Hex. Head | 1 | |
| | 2 | Hex. Nut, 3/8" N.F. | 1 | |
| | | Cotter Pin, 3/32 x 3/4" | 1 | |
| | | Washer, 15/32" I.D. x 13/16" O.D. x No. 14 Gauge | 1 | |
| 41964 D | 3 | Compression Release Rod Spring | 1 | |
| 41995 D | 4 | Compression Release Rod | 1 | |
| | | Hex. Nut, 3/8" N.F. | | |
| | | Cotter Pin, 3/32 x 3/4" | | |
| 41959 D | 5 | Compression Release Rod Spring Clip | 1 | |
| 41950 DX | 6 | Compression Release Lever with Shaft and Handle, 41597 D | 1 | |
| 5890 D | 7 | Compression Release Arm | 1 | |
| | | Cap Screw, 3/8 x 1" N.C. Hex. Head | 1 | |
| | | Lockwasher, 3/8" | 1 | |
| 7699 TM | 8 | Compression Release Arm Key | 1 | |
| | | | | |
| | | | | |
| 5886 DX | 9 | Control Housing with Brake Pin, 41966 D | 1 | |
| | | Cap Screw, 3/8 x 1" N.C. Hex. Head | 4 | |
| | | Lockwasher, 3/8" | 4 | |
| | | | | |

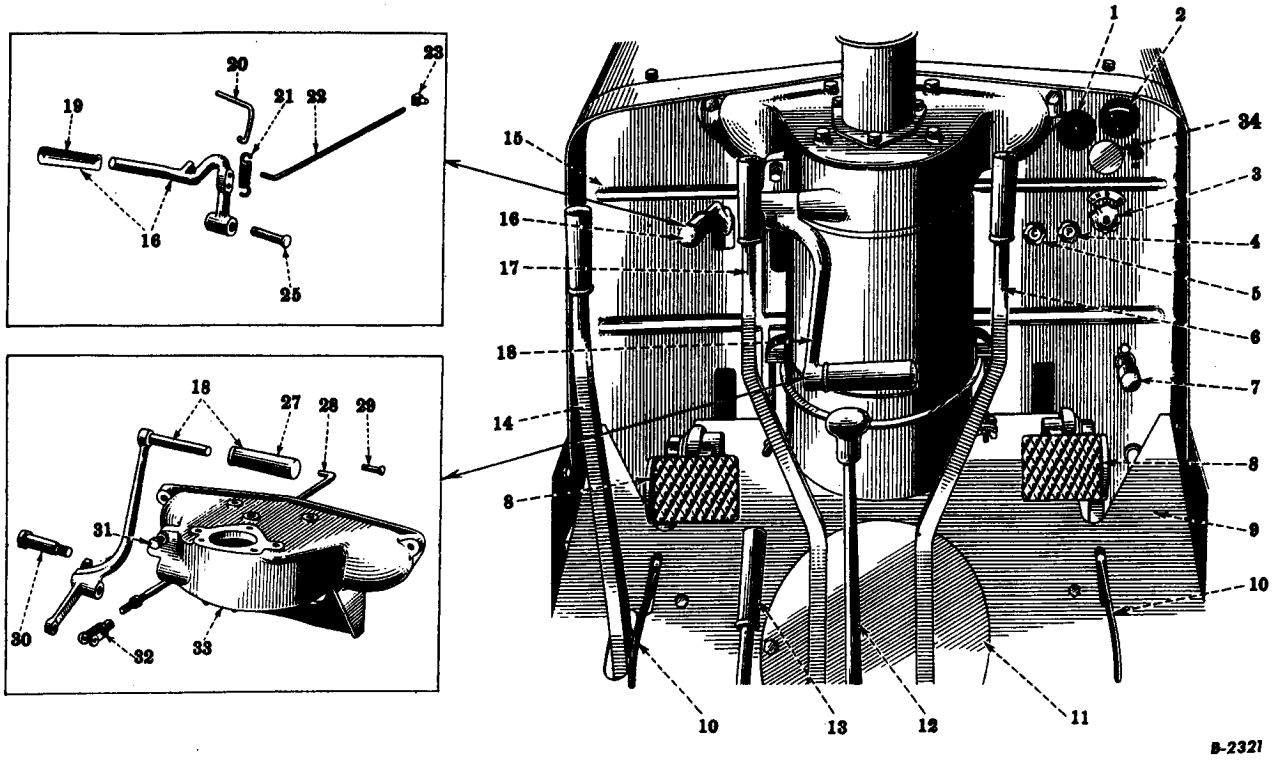
| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D |
|---|---|---|---|---|
| | | **INSTRUMENTS, PANEL, CONTROL LEVERS AND BRAKE PEDALS—Continued** | | |
| | | **Tractors TDR 501 to TDR 1653** | | |
| 41962 D | 11 | Governor Control Rod Balance Spring | | 1 |
| 5890 D | 12 | Governor Control Arm | | 1 |
| | | Cap Screw, 3/8 x 1" N.C. Hex. Head | | 1 |
| | | Lockwasher, 3/8" | | 1 |
| 41973 D | 13 | Governor Control Brake Pin, Short | | 1 |
| 41961 D | 14 | Governor Control Brake Center Plate | | 1 |
| 41965 D | 15 | Governor Control Brake Pressure Spring Retainer | | 1 |
| 48912 D | 16 | Governor Control Idle Stop Plunger Spring Support | | 1 |
| | | Carriage Bolt, 3/8 x 3/4" Square Head | | 2 |
| | | Hex. Nut, 3/8" N.C. | | 2 |
| | | Lockwasher, 3/8" | | 2 |
| S-363-1/2 | 17 | Governor Control Lever Lock Pivot Pin | | 1 |
| | | Cotter Pin, 1/8 x 3/4" | | 1 |
| 41991 D | 18 | Governor Control Idle Stop Plunger Spring | TDR 501 to TDR 566 | 1 |
| 41990 D | 19 | Governor Control Idle Stop Plunger | | 1 |
| 48913 D | 20 | Governor Control Lever Lock | | 1 |
| E 1324 | 21 | Governor Control Lever Lock Pin | | 1 |
| | | Cotter Pin, 1/8 x 3/4" | | 1 |
| 41955 D | 22 | Instrument Panel | | 1 |
| | | Cap Screw, 1/4 x 1/2" N.C. Hex. Head | | 4 |
| | | Lockwasher, 1/4" | | 4 |
| 41963 D | 23 | Governor Control Rod | | 1 |
| | | Hex. Nut, 3/8" N.F. | | 2 |
| | | Cotter Pin, 1/8 x 3/4" | | 2 |
| | | Washer, 13/32" I.D. x 3/4" O.D. x No. 16 Gauge | | 1 |
| 7699 TM | 24 | Governor Control Arm Key (Woodruff No. 5) | | 1 |
| 10981 F | 25 | Governor Control Brake Pressure Plate Pin | | |
| | | (1/4 x 1-1/4" Type 1 Groov Pin) | | 1 |
| 5887 DX | 26 | Governor Control Brake Pressure Plate with Brake Pin, 41973 D | | 1 |
| 41968 D | 27 | Governor Control Brake Friction Disc | | 2 |
| 41966 D | 28 | Governor Control Brake Pin, Long | | 1 |
| 48911 D | 29 | Governor Control Brake Pressure Spring | | 1 |
| 48914 D | 30 | Governor Control Lever, with Shaft and Handle, 41597 D | | 1 |
| 41597 D | 31 | Governor Control Lever Handle | | 1 |
| 42911 DB | 33 | Heat Indicator (170° - 200°) Rochester | | |
| | | (Will work for 58450 D) | | 1 |
| | | Hex. Nut, No. 12 - 24 N.C. | | 2 |
| 58450 D | 33 | Heat Indicator (Order 42911 DB) | | 1 |
| 63782 D | 33 | Heat Indicator 130° - 160° (Used with Attachment | | |
| | | 25055 R1 only) | | 1 |
| 41934 DB | 35 | Oil Pressure Gauge | | 1 |
| | | Hex. Nut, No. 12 - 24 N.C. | | 2 |
| 65534 D | 36 | Dash Lamp (12 Volts) (Special) | | 1 |

## INSTRUMENTS, PANEL, CONTROL LEVERS AND BRAKE PEDALS

Tractors TDR 501 to TDR 1653

| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D |
|---|---|---|---|---|
| 42383 D | 37 | AMMETER | | 1 |
| 42922 DX | 38 | SWITCH, COMPLETE (ORDER 57311 DX) | | 1 |
| 57311 DX | 38 | LIGHTING SWITCH, COMPLETE (WILL WORK FOR 42922 DX) | | 1 |
| 41953 D | 39 | CHOKE CONTROL ROD WITH BUTTON | | 1 |
| | | COTTER PIN, 1/8 x 3/8" | | 1 |
| 41996 D | 40 | PRIMER CONTROL ROD WITH BUTTON | | 1 |
| | | COTTER PIN, 1/16 x 3/4" | | |
| 8683 DAX | 41 | STEERING CLUTCH HAND LEVER, L.H., WITH HANDLE, 41597 D | | |
| | | AND TWO BUSHINGS, 42175 D (9641 DAX WILL WORK) | TDR 1442 AND UP | |
| | | | NOT TDR 1443 | 1 |
| 5855 DX | 41 | STEERING CLUTCH LEVER (ORDER 6920 DX) | TDR 501 TO TDR 1273 | 1 |
| 6920 DX | 41 | STEERING CLUTCH LEVER WITH HANDLE, 41597 D AND TWO | | |
| | | BUSHINGS, 42175 D (WILL WORK FOR 5855 DX) | TDR 1274 TO TDR 1442 | |
| | | | NOT TDR 1443 | 2 |
| 9641 DAX | 41 | STEERING CLUTCH HAND LEVER L.H. (8683 DAX WILL WORK) | | |
| | | WITH ADJUSTING SCREW, 55377 D AND 2 BUSHINGS, 42175 D | TDR 1442 UP, NOT TDR 1443 | 1 |
| 5832 DAX | 42 | ENGINE CLUTCH HAND LEVER WITH HANDLE, 41597 D | | |
| | | (9649 DA WILL WORK) | | 1 |
| | | CAP SCREW, 5/8 x 2-1/2" N.F. HEX. HEAD | | 1 |
| | | HEX. NUT, 5/8" | | 1 |
| | | LOCKWASHER, 5/8" | | 1 |
| 9649 DA | 42 | ENGINE CLUTCH HAND LEVER (ONE PIECE) (5832 DAX WILL WORK) | | 1 |
| | | CAP SCREW, 5/8 x 2-1/2" N.F. HEX HEAD | | 1 |
| | | HEX NUT, 5/8" | | 1 |
| | | LOCKWASHER, 5/8" | | 1 |
| 5815 D | 43 | STEERING BRAKE PEDAL PAD AND ROD | | 2 |
| 5818 D | 44 | STEERING BRAKE PEDAL RATCHET PAWL | | 2 |
| 5938 DAX | 45 | HI-LO GEAR SHIFT LEVER WITH HANDLE, 41597 D | | |
| | | (9638 D WILL WORK) | | 1 |
| | | CAP SCREW, 1/2 x 1-5/8" N.C. HEX.HEAD | | 1 |
| | | LOCKWASHER, 1/2" | | 1 |
| 9638 D | 45 | HI-LO GEAR SHIFT LEVER (5938 DAX WILL WORK) | | |
| | | CAP SCREW, 1/2 x 1-5/8" N.C. HEX HEAD ALSO LOCKWASHER 1/2" | | 1 |
| 42560 D | 46 | DASH AND COWL, COMPLETE | | 1 |
| | | HEX. NUT, 3/8" N.C. | | 5 |
| | | HEX. NUT, 1/2" N.C. | | 2 |
| 8684 DAX | 48 | STEERING CLUTCH HAND LEVER, R.H., WITH HANDLE, 41597 D | | |
| | | AND TWO BUSHINGS, 42175 D (9642 DAX WILL WORK) | TDR 1442 UP, NOT TDR 1442 | 1 |
| 9642 DAX | 48 | STEERING CLUTCH HAND LEVER, R.H. (8684 DAX WILL WORK) | | |
| | | WITH ADJUSTING SCREW, 55377 D AND 2 BUSHING, 42175 D | TDR 1442 UP, NOT TDR 1443 | 1 |
| 64931 H | 49 | STARTER BUTTON | | 1 |
| | | CAP SCREW, 1/4 x 1/2" N.F. HEX. HEAD | | 2 |
| | | HEX. NUT, 1/4" N.F. | | 2 |
| | | LOCKWASHER, 1/4" | | 2 |

| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D | |
|---|---|---|---|---|---|
| | | **INSTRUMENTS, PANEL, CONTROL LEVERS AND BRAKE PEDALS—Continued** | | | |
| | | **Tractors TDR 501 to TDR 1653** | | | |
| 42553 DXB | 52 | Engine Clutch Cover with Tapping Blocks | | 1 | |
| | | Cap Screw, 3/8 x 1" N.C. Hex. Head | | 10 | |
| | | Hex. Nut, 3/8" N.C. | | 3 | |
| | | Lockwasher, 3/8" | | 10 | |
| 42512 DAX | 53 | Gear Shifter Lever with 2 Plugs, 13115 D (67350 D Will Work) | | | |
| | | (Not L.H. Drive Control) | | 1 | |
| 67350 D | 53 | Gear Shift Lever, Complete (42512 DAX Will Work) | | 1 | |
| 42547 D | 54 | Engine Clutch Inspection Cover | | 1 | |
| | | Cap Screw, 3/8 x 5/8" N.F. Hex. Head | | 3 | |
| | | Lockwasher, 3/8" | | 3 | |
| 41597 D | 61 | Compression Release Lever Handle | | 1 | |
| 16445 D | | Oil Pressure Gauge Tube Clip Felt | TDR 534 up | 1 | |
| 29898 D | | Oil Pressure Gauge Tube Coupling Nut | | 1 | |
| 29898 D | | Oil Pressure Gauge Tube Coupling Elbow Nut | | 1 | |
| 41597 D | 41 | Steering Clutch Hand Lever Handle | | | |
| | | (2 - Required when 8683 DAX and 8684 DAX are used) | | 2 | |
| 42175 D | | Steering Clutch Hand Lever Bushing | | 2 | |
| 42493 D | | Oil Pressure Gauge Tube Coupling Elbow | | 1 | |
| 42493 DX | | Oil Pressure Gauge Tube Coupling Elbow with Nut, 29898 D | | 1 | |
| 42494 DX | | Oil Pressure Gauge Tube with Nut, 29898 D | | 1 | |
| 47802 D | | Choke Control Rod, Front (Not Electric Starting) | | 1 | |
| | | Cotter Pin, 1/16 x 1/2" | | 1 | |
| 48282 D | | Oil Pressure Gauge Tube Clip | TDR 534 to TDR 1653 | 1 | |
| | | Screw, No. 10 - 24 x 1/2" (Slotted Round Head) | | 1 | |
| | | Hex. Nut, No. 10 - 24 N.C. | | 1 | |
| | | Lockwasher, No. 10 | | 1 | |
| 50417 D | | Oil Pressure Gauge Clamp | TDR 501 to 1803 | 1 | |
| 53031 D | | Oil Pressure Indicator Clamp Stud Washer (Shakeproof No. 1112) | | 2 | |
| 55377 D | | Steering Clutch Hand Lever Adjustable Screw | | | |
| | | Hex Nut, 1/2" N.C. (Used with 8683 DAX, 8684 DAX, | | | |
| | | 9641 DAX, and 9642 DAX) | | 1 | |
| 250255 R91 | | Low Boiling Point Thermostat Heat Indicator Attachment | | | |
| | | (Special) (Consists of 2 Thermostats 35032 D or 37632 D | | | |
| | | and (1) Heat Indicator 63782 D) | | 1 | |




*Reference numbers only are shown in illustration. Use I H C part numbers in ordering.*
*Unnumbered parts in the illustrations are the same as corresponding parts shown with numbers.*

## INSTRUMENTS, PANEL, CONTROL LEVERS AND BRAKE PEDALS

**Tractors TDR 1654 up**

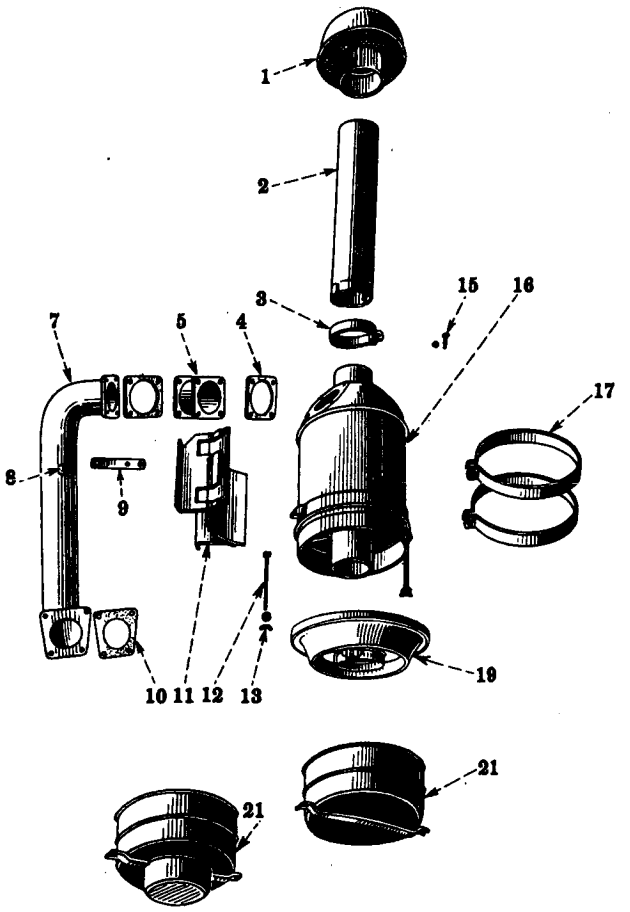
| | | | | |
|---|---|---|---|---|
| 42383 D | 1 | AMMETER | | 1 |
| 41934 DB | 2 | OIL PRESSURE GAUGE | TDR 501 TO 17607, ALSO Ⓧ | 1 |
| 258634 R91 | 2 | OIL PRESSURE GAUGE | TDR 17608 UP NOT Ⓧ | 1 |
| | | HEX. NUT, NO. 12 - 24 N.C. | | 2 |
| 57311 DX | 3 | LIGHTING SWITCH, COMPLETE | | 1 |
| 58202 D | 4 | PRIMER CONTROL ROD WITH BUTTON | TDR 501 TO 13000 | 1 |
| | | COTTER PIN, 1/16 x 3/8" | | 1 |
| 58204 D | 5 | CHOKE CONTROL ROD WITH BUTTON | TDR 501 TO 13000 | 1 |
| | | COTTER PIN, 1/16 x 3/8" | | 1 |
| 255933 R91 | 5 | CHOKE CONTROL ROD WITH BUTTON | TDR 13001 | 1 |
| 8684 DAX | 6 | STEERING CLUTCH HAND LEVER, R.H. WITH HANDLE, 41597 D AND TWO BUSHINGS, 42175 D (ORDER 257618 R11) | TDR 501 TO 17329 | 1 |
| 9642 DAX | 6 | STEERING CLUTCH HAND LEVER, R.H. WITH ADJUSTING SCREW, 55377 D AND TWO BUSHINGS, 42175 D (ORDER 257618 R11) | TDR 501 TO 17329 | 1 |
| 257618 R22 | 6 | STEERING CLUTCH HAND LEVER R.H., COMPLETE (WILL WORK FOR 8684 DAX AND 9642 DAX) | TDR 17330 UP | 1 |

Ⓧ - TDR 17388, 17390 TO 17393, 17395, 17397, 17398, 17400 TO 17405
17408 TO 17412, 17414 TO 17494, 17496 TO 17526, 17528 TO 17606

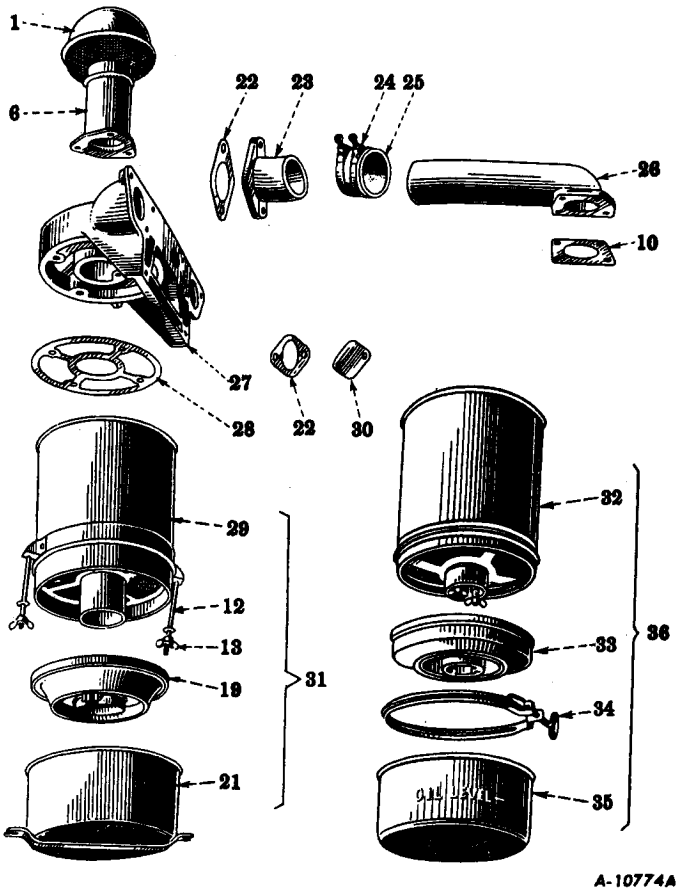
| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D |
|---|---|---|---|---|
| | | **INSTRUMENTS, PANEL, CONTROL LEVERS AND BRAKE PEDALS—Continued** | | |
| | | **Tractors TDR 1654 up** | | |
| 64931 H | 7 | Starting Switch | | 1 |
| | | Cap Screw, 1/4 x 1/2" N.F. Hex. Head | | 2 |
| | | Hex. Nut, 1/4" N.F. | | 2 |
| | | Lockwasher, 1/4" | | 2 |
| 250961 R11 | 8 | Steering Brake Pedal and Pad (5815 D Will Work) | | 2 |
| 5815 D | 8 | Steering Brake Pedal Pad and Rod (250961 R11 Will Work) | | 2 |
| 42553 DXA | 9 | Engine Clutch Cover with Tapping Blocks | | 1 |
| | | Cap Screw, 3/8 x 1" N.C. Hex. Head | | 10 |
| | | Hex. Nut, 3/8" N.C. | | 3 |
| | | Lockwasher, 3/8" | | 10 |
| 5818 D | 10 | Steering Brake Pedal Ratchet Pawl | | 2 |
| 42547 D | 11 | Engine Clutch Inspection Cover | | 1 |
| | | Cap Screw, 3/8 x 5/8" N.F. Hex. Head | | 3 |
| | | Lockwasher, 3/8" | | 3 |
| 42512 DAX | 12 | Gear Shift Lever with 2 Plugs, 13115 D | | |
| | | (not L.H. Drive Control) (67350 DX Will Work) | | 1 |
| 67350 DX | 12 | Gear Shift Lever Complete (42512 DAX Will Work) | | 1 |
| 5938 DAX | 13 | Hi-Lo Gear Shift Lever with Handle, 41597 D | | |
| | | (Order 257616 R11) | | 1 |
| | | Cap Screw, 1/2 x 1-5/8" N.C. Hex. Head | | 1 |
| | | Lockwasher, 1/2" | | 1 |
| 9638 DX | 13 | Hi-Lo Gear Shift Lever (One Piece) (Order 257616 R11 | | 1 |
| | | Cap Screw, 1/2 x 1-5/8" N.C. Hex Head | | 1 |
| | | Lockwasher, 1/2" | | 1 |
| 257616 R11 | 13 | Hi-Lo Gear Shift Lever (Will Work for 5938 DAX or 9638 DX) | | 1 |
| 5832 DAX | 14 | Engine Clutch Hand Lever with Handle, 41597 D | | |
| | | (9649 DA Will Work) | | 1 |
| | | Cap Screw, 5/8 x 2-1/2" N.F. Hex. Head | | 1 |
| | | Hex. Nut, 5/8" | | 1 |
| | | Lockwasher, 5/8" | | 1 |
| 9649 DA | 14 | Engine Clutch Hand Lever (One Piece) (5832 DAX Will Work) | | 1 |
| | | Cap Screw, 5/8 x 2-1/2" N.F. Hex Head | | 1 |
| | | Hex Nut, 5/8" | | 1 |
| | | Lockwasher, 5/8" | | 1 |
| 58199 DA | 15 | Dash and Cowl, Complete | | 1 |
| | | Cap Screw, 1/2 x 2" N.C. Hex Head | | 2 |
| | | Lockwasher, 1/2" | | 2 |
| 9015 DAX | 16 | Compression Release Lever with Handle, 41597 D | | |
| | | (9635 DX Will Work) | | 1 |
| 9635 DA | 16 | Compression Release Lever (One Piece) (Will Work for 9015 DAX) | | 1 |
| 8683 DAX | 17 | Steering Clutch Hand Lever, L.H. with Handle, 41597 D | | |
| | | and two Bushings, 42175 D (Order 257617 R11) | TDR 501 to 17329 | 1 |
| 9641 DAX | 17 | Steering Clutch Hand Lever, L.H. with adjusting Screw, | | |
| | | 55377 D and two Bushings 42175 D (Order 257617 R11) | | 1 |
| 257617 R22 | 17 | Steering Clutch Hand Lever L.H. (Will Work for 8683 DAX | | |
| | | and 9641 DAX) | TDR 17330 up | 1 |

| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D |
|---|---|---|---|---|
| | | **INSTRUMENTS, PANEL, CONTROL LEVERS AND BRAKE PEDALS—Continued** | | |
| | | **Tractors TDR 1654 up** | | |
| 8831 DAX | 18 | Governor Control Lever with Handle, 41597 D and | | |
| | | Lubricator, Q 5015 (9647 DAX Will Work) | | 1 |
| 9647 DAX | 18 | Governor Control Lever Handle with Lever Lubricator, | | |
| | | Q 3615 (Will Work for 8831 DAX) | | 1 |
| 41597 D | 19 | Compression Release Lever Handle (1 - Required with 9015 DAX) | | 1 |
| 58208 D | 20 | Compression Release Lever Return Spring Link | TDR 501 to 13000 | 1 |
| 52405 D | 20 | Compression Release Lever Return Spring Link | TDR 13001 up | 1 |
| | | Cotter Pin, 1/8 x 3/4" | | 1 |
| 52404 D | 21 | Compression Release Lever Return Spring | | 1 |
| 58205 D | 22 | Compression Release Rod | | 1 |
| | | Hex. Nut, 3/8" N.F. | | 1 |
| | | Cotter Pin, 1/8 x 3/4" | | 1 |
| 48906 D | 23 | Compression Release Rod Adjusting Block | | 1 |
| | | Cotter Pin, 3/32 x 3/4" | | 1 |
| H 4213 | 25 | Compression Release Lever Pivot Pin | | 1 |
| 41597 D | 27 | Governor Control Lever Handle | | 1 |
| 58206 D | 28 | Governor Control Rod | TDR 501 to 13000 | 1 |
| 255039 R1 | 28 | Governor Control Rod | TDR 13001 up | |
| | | Cotter Pin, 1/8 x 3/4" | | 1 |
| | | Hex. Nut, 1/2" N.F. | | 1 |
| 15041 H | 29 | Governor Control Rod Adjusting Yoke Pin | | 1 |
| | | Cotter Pin, 1/8 x 3/4" | | 1 |
| 52403 D | 30 | Governor Control Lever Shaft | | 1 |
| 55748 D | 31 | Governor Control Lever Stop Screw | | 1 |
| | | Hex. Nut, 3/8" N.C. | | 1 |
| 15033 H | 32 | Governor Control Rod Adjusting Yoke (15668 D will work) | | 1 |
| 15668 D | 32 | Governor Control Rod Adjusting Yoke | | |
| | | (Will work for 15033 H) | | 1 |
| 251628 R2 | 33 | Control Housing and Air Cleaner Top | TDR 13001 up | |
| 8832 DA | 33 | Control Housing and Air Cleaner Top | TDR 501 to 13000 | 1 |
| | | Cap Screw, 1/2 x 1" N.C. Hex. Head | | 2 |
| | | Cap Screw, 1/2 x 1-3/8" N.C. Hex. Head | | 2 |
| | | Cap Screw, 1/2 x 5" N.C Hex. Head | | 5 |
| | | Lockwasher, 1/2" | | 9 |
| 42911 DB | 34 | Heat Indicator 170° - 200° - Rochester | | |
| | | (Will Work for 58450 D) (Used with Attachments 42913 D and 58401 D) | | 1 |
| | | Hex Nut, No. 12 - 24 N.C. | | 2 |
| 58450 D | 34 | Heat Indicator (Order 42911 DB) | | 1 |
| 63782 D | 34 | Heat Indicator 130° - 170° (Used with Attachment | TDR 501 to 13000 | |
| | | 250255 R1 only) | | 1 |
| 63785 D | 34 | Heat Indicator (130°-160°) (Used with Attachment | | |
| | | 256013 R91 Only) | TDR 13001 up | 1 |

| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D |
|---|---|---|---|---|
| | | **INSTRUMENTS, PANEL, CONTROL LEVERS AND BRAKE PEDALS—Continued** Tractors TDR 1654 up | | |
| 16445 D | | Oil Pressure Gauge Tube Clip Felt | | 1 |
| 29898 D | | Oil Pressure Gauge Tube Coupling Nut | | 1 |
| 29898 D | | Oil Pressure Gauge Tube Coupling Elbow Nut | | 1 |
| 30148 D | | Dash Support Spacer (Order 51502 D) | TDR 1654 to 2243 | 2 |
| 42493 D | | Oil Pressure Gauge Tube Coupling Elbow | | 1 |
| 42493 DX | | Oil Pressure Gauge Tube Coupling Elbow with Nut, 29898 D | | 1 |
| 47802 D | | Choke Control Rod, Front (not Electric Starting) | | 1 |
| | | Cotter Pin, 1/16 x 1/2" | | 1 |
| 50417 D | | Oil Pressure Gauge Clamp | TDR 501 to 1803 | 1 |
| 51502 D | | Dash Spacer (will work for 30148 D) | TDR 2244 up | 2 |
| 52405 D | | Compression Release Lever Return Spring Link | | 1 |
| 52411 D | | Compression Release Lever Bracket | | 1 |
| 53031 D | | Oil Pressure Indicator Clamp Stud Washer (Shakeproof No. 1112) | | 2 |
| 55377 D | | Clutch Hand Lever Adjusting Screw (Used with 8683 DAX, 8684 DAX, 9641 DAX and 9642 DAX) | | 1 |
| 58379 DC | | Dash | | 1 |
| 59990 DX | | Oil Pressure Gauge Tube with Nut, 29898 D | | 1 |
| 59991 D | | Oil Pressure Gauge Tube Clip | | 1 |
| | | Screw, No. 10 - 24 x 1/2" (Slotted) Round Head | | 1 |
| | | Hex. Nut, No. 10 - 24 N.C. | | 1 |
| | | Lockwasher, No. 10 | | 1 |
| 60805 D | | Oil Pressure Gauge Clamp | TDR 1804 up | 1 |
| 250255 R1 | | Low Boiling Point Thermostat and Heat Indicator Attachment (Special) (Consists of Two Thermostats, 35032 D or 37632 D and One Heat Indicator, 63782 D) | TDR 501 to 13000 | 1 |
| 250466 R1 | | Ammeter Clamp | | 1 |
| 255715 R91 | | Thermostat (130°-150°) (Used with Low Boiling Point Attachment 256013 R91) | | 2 |
| 256013 R91 | | Low Boiling Point Thermostat and Heat Indicator Attachment (Special) (Consists of 2 Thermostats 255715 R91 and 1 Heat Indicator, 63785 D) | TDR 13001 up | 1 |
| Q 3615 | | Governor Control Lever Lubricator (Will Work Q 5015) | TDR 1987 up | 1 |
| Q 5015 | | Governor Control Lever Lubricator (Order Q 3615) | TDR 1987 up | 1 |




Tractors TDR 501 to 1653




Tractors TDR 1654 to 17475, also TDR 22156 and up

Tractors TDR 17476 to 22155

*Reference numbers only are shown in illustration. Use I H C part numbers in ordering.*
*Unnumbered parts in the illustrations are the same as corresponding parts shown with numbers.*

## AIR CLEANER (Donaldson, 10-inch) AND CONNECTIONS

| | | | | | |
|---|---|---|---|---|---|
| 41635 DX | | A-1015 | AIR CLEANER, COMPLETE (DONALDSON, 10-INCH) | | |
| | | | (ORDER 51232 DX) | TDR 501 TO 849 | 1 |
| 51232 DX | | A-1021 | AIR CLEANER, COMPLETE (DONALDSON 10-INCH) | | |
| | | | (WILL WORK FOR 41635 DX) | TDR 850 TO 1653 | 1 |
| | | | | | |
| 255031 R91 | | | AIR CLEANER AND CONNECTIONS UNIT (*)PIPE LAYER | | |
| | | | MODIFICATION SUPERIOR 1A) | | 1 |
| 251187 R91 | | A-1021 | AIR CLEANER, COMPLETE (DONALDSON, 10-INCH) | | |
| | | | (*)PIPE LAYER MODIFICATION SUPERIOR 1A) | | 1 |
| | | | | | |
| | | | | | |
| | | | | | |
| 49364 DA | 1 | X-1539-1 | AIR INTAKE CAP | TDR 555 UP | 1 |
| | | | | | |
| | | | | | |
| 45972 D | 2 | P-2851 | AIR PRE-CLEANER EXTENSION PIPE | TDR 501 TO 554 | 1 |
| 45972 D | 2 | P-2851 | AIR INTAKE EXTENSION PIPE (ORDER 47704 DA) | TDR 501 TO 509 | 1 |
| 47704 D | 2 | P-2794 | AIR PIPE (ORDER 47704 DA) | TDR 501 TO 509 | 1 |
| 47704 DA | 2 | | AIR PIPE (WILL WORK FOR 45972 D AND 47704 D) | | |
| | | | (NOT AIR PIPE EXTENSION) | TDR 510 TO 1653 | 1 |

(*) - FOR TABULATION OF MODIFICATION SEE INTRODUCTORY PAGE

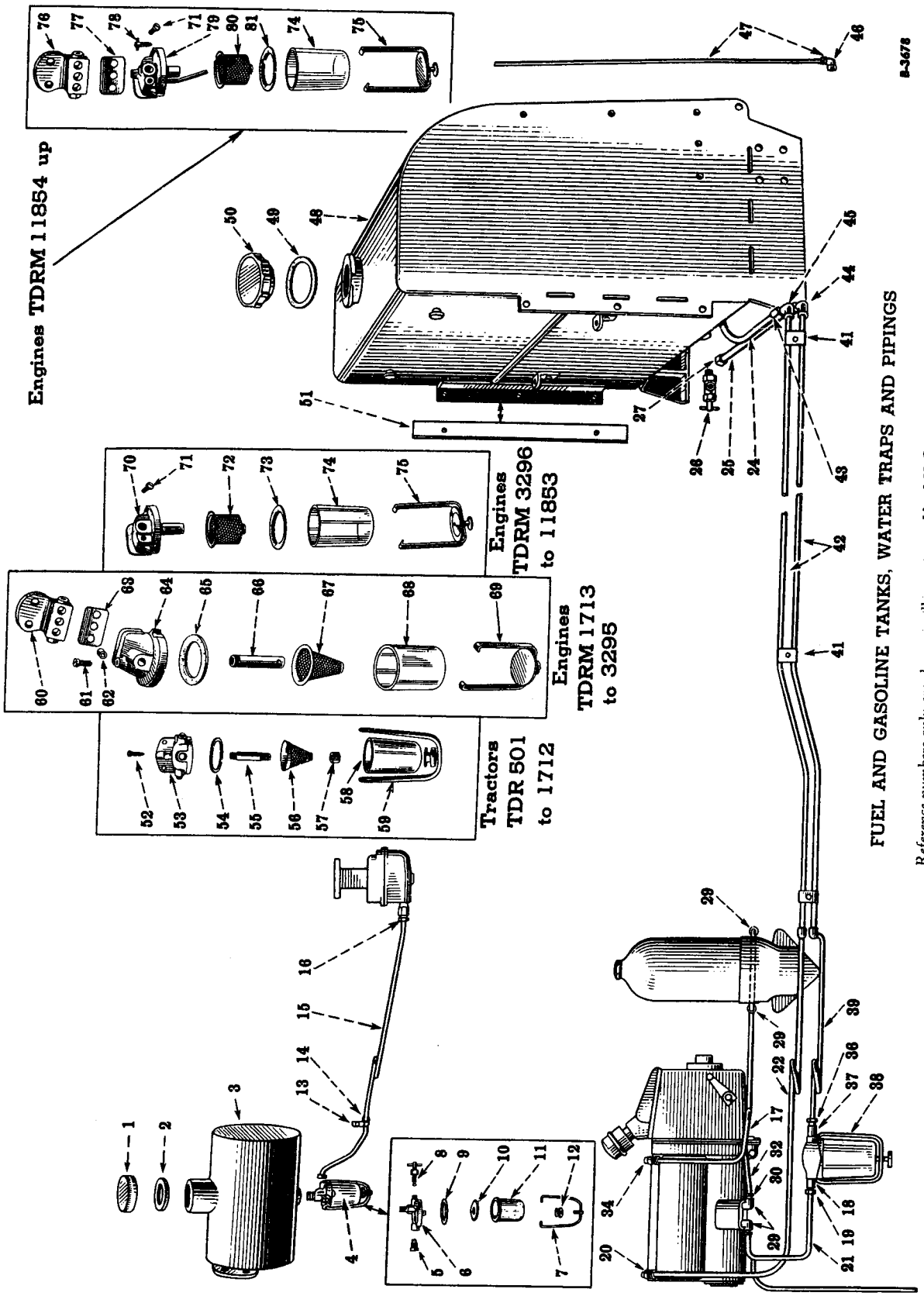
| I H C PART NUMBER | REF. NO. | MFR'S. NUMBER | DESCRIPTION | SERIAL NUMBER | NO. REQ'D |
|---|---|---|---|---|---|
| | | | **AIR CLEANER (Donaldson, 10-inch) AND CONNECTIONS—Continued** | | |
| 45908 DAX | 3 | | AIR PIPE CLAMP WITH CAP SCREW, 3/8 x 1", | | |
| | | | NUT AND LOCKWASHER (WILL WORK FOR 45908 D) | TDR 501 TO 509 | 1 |
| 45908 DA | 3 | | AIR PIPE CLAMP | TDR 510 TO 1653 | 1 |
| | 15 | | CAP SCREW, 3/8 x 1" N.C. HEX. HEAD | | 1 |
| | | | HEX. NUT, 3/8" N.C. | | 1 |
| | | | LOCKWASHER, 3/8" | | 1 |
| 41637 D | 4 | | AIR CLEANER PIPE COUPLING FLANGE | TDR 501 TO 1653 | 2 |
| | | | CAP SCREW, 3/8 x 1" N.F. HEX. HEAD | | 4 |
| 41640 D | 5 | | AIR CLEANER PIPE COUPLING | TDR 501 TO 1653 | 1 |
| 58213 D | 6 | | AIR PIPE WITH FLANGE | | |
| | | | (NOT AIR PIPE EXTENSION) | TDR 1654 UP | 1 |
| | | | CAP SCREW, 3/8 x 7/8" N.C. HEX. HEAD | | 3 |
| | | | LOCKWASHER, 3/8" | | 3 |
| 255029 R11 | 6 | | AIR CLEANER PIPE, FRONT (*) PIPE LAYER | | |
| | | | MODIFICATION SUPERIOR 1A) | | 1 |
| 5836 DX | 7 | | AIR CLEANER PIPE WITH BRACE STUDS, 41633 D | TDR 501 TO 1653 | 1 |
| | | | CAP SCREW, 3/8 x 1-1/4" N.F. HEX. HEAD | | 4 |
| | | | CAP SCREW, 3/8 x 1-3/8" N.C. HEX. HEAD | | 4 |
| | | | HEX. NUT, 3/8" | | 4 |
| | | | LOCKWASHER, 3/8" | | 4 |
| 41633 D | 8 | | AIR CLEANER PIPE BRACE STUD | TDR 501 TO 1653 | 1 |
| | | | HEX. NUT, 3/8" N.F. | | 1 |
| | | | LOCKWASHER, 3/8" | | 1 |
| 41639 D | 9 | | AIR CLEANER PIPE BRACE | TDR 501 TO 1653 | 1 |
| | | | CAP SCREW, 3/8 x 1" N.C. HEX. HEAD | | 2 |
| | | | LOCKWASHER, 3/8" | | 2 |
| 41638 D | 10 | | AIR CLEANER PIPE FRONT GASKET | | 1 |
| 251631 R1 | 10 | | AIR CLEANER PIPE FRONT GASKET | TDR 13001 UP | 1 |
| 46764 D | 11 | | AIR CLEANER MOUNTING BRACKET WITH SADDLE | TDR 501 TO 1653 | 1 |
| | | | CAP SCREW, 1/2 x 1" N.C. HEX. HEAD | | 4 |
| | | | LOCKWASHER, 1/2" | | 4 |
| 46764 D | 11 | | AIR CLEANER MOUNTING BRACKET WITH SADDLE | | |
| | | | ((*) PIPE LAYER MODIFICATION SUPERIOR 1A) | | 1 |
| | | | CAP SCREW, 1/2 x 1" N.C. HEX HEAD | | 4 |
| | | | LOCKWASHER, 1/2" | | 4 |
| 5/16x5-1/2 | 12 | | SLIDE ROD BOLT | TDR 501 TO 17475, ALSO 22156 UP | 2 |
| | 13 | | WING NUT 5/16" | TDR 501 TO 17475, ALSO 22156 UP | 2 |
| | 15 | | FOLLOWS REFERENCE NO. 3 | | |
| 45903 DA | 16 | 2P-3292 | BODY ASSEMBLY | TDR 501 TO 1653 | 1 |
| 41632 D | 17 | | AIR CLEANER BRACKET BAND | TDR 501 TO 1653 | 1 |
| | | | CAP SCREW, 7/16 x 1-3/4" N.F. HEX. HEAD | | 2 |
| | | | HEX. NUT, 7/16" N.F. | | 2 |
| | | | LOCKWASHER, 7/16" | | 2 |
| 255991 R1 | 17 | | AIR CLEANER BRACKET BAND ((*) PIPE LAYER | | |
| | | | MODIFICATION SUPERIOR 1A) | | 2 |
| | | | SCREW, 3/8 x 1" N.C. SLOTTED, FILLISTER HEAD | | 2 |
| | | | NUT, 3/8" N.C. | | 2 |
| | | | LOCKWASHER, 3/8" | | 2 |

(*) PIPE LAYER MODIFICATION SEE INTRODUCTORY PAGE

| I H C PART NUMBER | REF. NO. | MFR'S. NUMBER | DESCRIPTION | SERIAL NUMBER | NO. REQ'D |
|---|---|---|---|---|---|
| | | | **AIR CLEANER (Donaldson, 10-inch) AND CONNECTIONS—Continued** | | |
| 45905 DB | 19 | P-3293 | SCREEN HOUSING AND SPLASH BAFFLE | | |
| | | | (ORDER 67119 D) | | 1 |
| 45906 DA | 19 | P-2911 | HOUSED SCREEN (ORDER 67119 D) | TDR 501 TO 849 | 1 |
| 45907 D | 19 | P-2788 | SCREEN CLAMP WITH ONE FILLISTER HEAD BOLT, | | |
| | | | 1/4 X 1" AND NUT (ORDER 67119 D) | TDR 501 TO 849 | 1 |
| 59417 D | 19 | P-1338 | SCREEN CLAMP WITH FILLISTER HEAD BOLT, | | |
| | | | 1/4 X 1" AND NUT (ORDER 67119 D) | TDR 850 TO 15403 | 1 |
| 59861 D | 19 | 2P-1379 | HOUSED SCREEN (ORDER 67119 D) | TDR 850 TO 15403 | 1 |
| 67119 D | 19 | 2P-4891 | AIR CLEANER HOUSED SCREEN AND BAFFLE | | |
| | | | (WILL WORK FOR 45905 DB, 45906 DA, 45907 DB, | | |
| | | | 59861 D, AND 59417 D) | TDR 501 TO 17475 | |
| | | | | ALSO 22156 UP | 1 |
| 45904 DA | 21 | | OIL CUP ASSEMBLY (ORDER 45904 DB) | | 1 |
| 45904 DB | 21 | P-3296 | OIL CUP ASSEMBLY (WILL WORK FOR 45904 DA) | TDR 501 TO 17475 | |
| | | | | ALSO 22156 UP | 1 |
| 58210 D | 22 | | AIR CLEANER PIPE REAR GASKET | TDR 1654 TO 17475 | |
| | | | | ALSO 22156 UP | 1 |
| 58210 D | 22 | | AIR CLEANER TOP COVER GASKET | TDR 1654 TO 17475 | |
| | | | | ALSO 22156 UP | 1 |
| 8830 D | 23 | | AIR CLEANER PIPE, REAR | TDR 1654 TO 17475 | |
| | | | | ALSO 22156 UP | 1 |
| | | | CAP SCREW, 1/2 X 1-3/8" N.C. HEX. HEAD | | 1 |
| | | | LOCKWASHER, 1/2" | | 1 |
| 58218 D | 24 | | AIR CLEANER PIPE HOSE CLAMP | | |
| | | | (3-25/32" DIAMETER) | TDR 1654 TO 17475 | |
| | | | | ALSO 22156 UP | 2 |
| 58209 D | 25 | | AIR CLEANER PIPE HOSE | TDR 1654 TO 17475 | |
| | | | | ALSO 22156 UP | 1 |
| 8829 D | 26 | | AIR CLEANER PIPE, FRONT | TDR 1654 TO 13001 | 1 |
| | | | CAP SCREW, 3/8 X 1" N.C. HEX. HEAD | | 4 |
| 251629 R11 | 26 | | AIR CLEANER PIPE FRONT WITH FLANGE | TDR 13001 TO 17475 | |
| | | | | ALSO 22156 UP | 1 |
| | | | CAP SCREW, 3/8 X 7/8" N.C. HEX HEAD | | 4 |
| 8832 D | 27 | | CONTROL HOUSING AND AIR CLEANER TOP | TDR 1654 TO 17475 | |
| | | | | ALSO 22156 UP | 1 |
| | | | CAP SCREW, 1/2 X 1" N.C. HEX. HEAD | | 2 |
| | | | CAP SCREW, 1/2 X 1-3/8" N.C. HEX. HEAD | | 3 |
| | | | CAP SCREW, 1/2 X 5" N.C. HEX. HEAD | | 4 |
| | | | LOCKWASHER, 1/2" | | 9 |
| 58185 D | 28 | | AIR CLEANER GASKET | TDR 1654 TO 17475 | |
| | | | | ALSO 22156 UP | 1 |
| 59416 D | 29 | 2P-3752 | BODY ASSEMBLY | TDR 1654 TO 17475 | |
| | | | | ALSO 22156 UP | 1 |

## AIR CLEANER (Donaldson, 10-inch) AND CONNECTIONS—Continued

| I H C PART NUMBER | REF. NO. | MFR'S. NUMBER | DESCRIPTION | SERIAL NUMBER | NO. REQ'D |
|---|---|---|---|---|---|
| 58214 D | 30 | | AIR CLEANER TOP COVER | TDR 1654 TO 17475 ALSO 22156 UP | 1 |
| | | | CAP SCREW, 1/2 x 1-1/4" N.C. HEX. HEAD | | 1 |
| | | | CAP SCREW, 1/2 x 1-1/2" N.F. HEX. HEAD | | 1 |
| | | | HEX. NUT, 1/2" N.F. | | 1 |
| | | | LOCKWASHER, 1/2" | | 2 |
| 58200 DA | 31 | A-1026 | AIR CLEANER, COMPLETE (DONALDSON 10-INCH) (ORDER 256763 R91) | TDR 1654 TO 15402 | 1 |
| 256763 R91 | 31 | | AIR CLEANER COMPLETE (DONALDSON 10-INCH) (WILL WORK FOR 58200 DA, 259453 R91 AND 259494 R91) | TDR 15403 TO 17475 ALSO 22156 UP | 1 |
| 259712 R91 | 32 | P-9487 | BODY ASSEMBLY | TDR 17476 TO 22155 | 1 |
| 252986 R91 | 33 | P-7073 | AIR CLEANER TRAY | TDR 17476 TO 22155 | 1 |
| 252988 R91 | 34 | P-5978 | OIL CUP RETAINING CLAMP | TDR 17476 TO 22155 | 1 |
| 252987 R91 | 35 | P-8071 | OIL CUP ASSEMBLY | TDR 17476 TO 22155 | 1 |
| 259453 R91 | 36 | | AIR CLEANER, COMPLETE (ORDER 256763 R91 | TDR 17476 TO 22155 | 1 |
| 259494 R91 | 36 | | AIR CLEANER, COMPLETE (ORDER 256763 R91) | TDR 17476 TO 22155 | 1 |
| 8935 D | | | AIR PIPE (THREE MAN CAB AND SEAT - SPECIAL) | TDR 1654 UP | 3 |
| | | | CAP SCREW, 3/8 x 1/8" N.C. HEX. HEAD | | |
| | | | LOCKWASHER, 3/8" | | 3 |
| 8943 D | | | AIR PIPE ADAPTER (THREE MAN CAB AND SEAT - SPECIAL) | TDR 1654 UP | 1 |




FUEL AND GASOLINE TANKS, WATER TRAPS AND PIPINGS

*Reference numbers only are shown in illustration. Use I H C part numbers in ordering. Unnumbered parts in the illustrations are the same as corresponding parts shown with numbers.*

| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D | |
|---|---|---|---|---|---|
| | | **FUEL AND GASOLINE TANKS, WATER TRAPS AND PIPINGS** | | | |
| | | **(For Engines Equipped with Bosch Fuel Injection Pump)** | | | |
| 23995 DA | 1 | Gasoline Tank Filler Cap | | 1 | |
| 23977 DA | 2 | Gasoline Tank Filler Cap Gasket | | 1 | |
| 41574 DX | 3 | Gasoline Tank, Complete (Order 67832 D) | TDR 501 to 984 | 1 | |
| 41574 DAX | 3 | Gasoline Tank, Complete (Order 67834 D) | TDR 985 to 2188 | 1 | |
| 41574 DCX | 3 | Gasoline Tank with Filler Cap, 23995 D | TDR 2189 up | 1 | |
| | | Cap Screw, 3/8 x 3/4" N.C. Hex. Head | | 4 | |
| | | Lockwasher, 3/8" | | 4 | |
| 41574 DCY | 3 | Gasoline Tank, Complete 41574 DCX with Strainer, | | | |
| | | 51066 DB and Connector, 35252 D (with Gasoline | | | |
| | | Pipe, 60015 DX will work for 41574 DAX) | TDR 985 to 2188 | 1 | |
| 67832 D | 3 | Gasoline Tank - Includes 41574 DCY and 60015 DX | | | |
| | | (Will Work for 41574 DX) | TDR 501 to 984 | 1 | |
| 67834 D | 3 | Gasoline Tank - Includes 41574 DCX and 60015 DX | | | |
| | | (Will Work for 41574 DAX) | TDR 985 to 2188 | 1 | |
| 41575 D | 4 | Gasoline Strainer (see Detail List for Service Parts) | | | |
| | | (Order 51066 DBX) | TDR 501 to 984 | 1 | |
| 41575 DX | 4 | Gasoline Strainer with Coupling Nut, 29899 D | | | |
| | | (Order 51066 DBX) | TDR 501 to 984 | 1 | |
| 51066 DB | 4 | Gasoline Strainer (see Detail List for Service Parts) | TDR 985 up | 1 | |
| 51066 DBX | 4 | Gasoline Strainer with Coupling Nut, 29899 D | | | |
| | | (Will Work for 41575 D and DX) | TDR 985 up | 1 | |
| | | | | | |
| | 5 | | | | |
| | to | See Gasoline Strainer | | | |
| | 12 | | | | |
| | | | | | |
| 23125 D | 13 | Gasoline Tube Clip | TDR 534 up | 1 | |
| | | Cap Screw, 3/8 x 5/8" N.C. Hex Head | | 1 | |
| | | Lockwasher, 3/8" | | 1 | |
| 16445 D | 14 | Gasoline Tube Clip Felt | TDR 534 up | 1 | |
| 42404 DX | 15 | Gasoline Tube (Strainer to Carburetor) | | | |
| | | with 2 Coupling Nuts, 29899 D | TDR 501 to 2188 | 1 | |
| 60015 DX | 15 | Gasoline Tube (Gasoline Strainer to Carburetor) | | | |
| | | with 2 Coupling Nuts, 29899 D | TDR 2189 up | 1 | |
| | | | | | |
| 29899 D | 16 | Coupling Nut (Gasoline Tube Strainer to Carburetor) | | 2 | |
| 251577 R11 | 17 | Fuel Filter to Injection Pump with 2 Nuts 37165 D | TDRM 15001 up | 1 | |
| 42797 DAX | 17 | Fuel Filter to Injection Pump Pipe with 2 Nuts, | | | |
| | | 37165 D | TDRM 501 to 825, | | |
| | | | Also 835, 1236 to 4666 | 1 | |
| 49712 DX | 17 | Fuel Filter to Injection Pump Pipe with 2 Nuts, 37165 D | TDRM 826 to 1235, | | |
| | | | Not 835 | 1 | |
| 61406 D | 17 | Fuel Filter to Injection Pump Pipe with 2 Nuts, 37323 D | TDR 4662 to 15000 | 1 | |
| 37323 DX | 18 | Pipe Elbow with Nut, 37165 D | TDRM 4662 to 15000 | | |
| | | | Also 4314 and 4512 | 1 | |
| 38026 DM | 18 | Fuel Pipe Connector (Filter to Injection Pump) | TDRM 501 to 4661, | | |
| | | | Not 4314 or 4512 | 1 | |
| 38026 DMX | 18 | Fuel Pipe Connector with Coupling Nut, 37165 D | | | |
| | | (Filter to Injection Pump) | TDRM 501 to 4661, | | |
| | | | Not 4314 or 4512 | 1 | |
| 38026 DMX | 18 | Water Trap To Primary Pump Connector (Water Trap End) | TDRM 15001 up | | |
| 37165 D | 19 | Coupling Nut (Water Trap to Pump) | TDRM 501 up | 2 | |
| 37165 D | 20 | Coupling Nut (Fuel Return Tube - Pump to Dash) | | 2 | |
| | | | | | |
| 42410 DX | 21 | Fuel Tube (Water Trap to Fuel Pump) | | | |
| | | with 2 Coupling Nuts, 29899 D | TDR 501 to 612 | 1 | |

| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D | |
|---|---|---|---|---|---|
| | | **FUEL AND GASOLINE TANKS, WATER TRAPS AND PIPINGS** | | | |
| | | **(For Engines Equipped with Bosch Fuel Injection Pump)** | | | |
| 49687 DX | 21 | Fuel Tube (Water Trap to Fuel Pump) with 2 Coupling | | | |
| | | Nuts, 37165 D | TDR 613 to 797 | 1 | |
| 50831 DX | 21 | Fuel Tube (Water Trap to Fuel Pump) with 2 coupling | | | |
| | | Nuts, 37165 D | TDR 798 to 1211 | 1 | |
| 54977 DX | 21 | Fuel Tube (Water Trap to Fuel Pump) with 2 Coupling | | | |
| | | Nuts, 37165 D | TDR 1212 to 1658 (†) | 1 | |
| 55869 DAX | 21 | Primary Pump Inlet Pipe with 2 Nuts, 37165 D | TDRM 1714 to 4661 | 1 | |
| 61404 DX | 21 | Fuel Pump Inlet Pipe with Two Nuts, 37165 D | TDR 4662 to 13000 | | |
| | | | Also 4314 and 4512 | 1 | |
| 254419 R11 | 21 | Water Trap To Primary Pump Pipe with 2 Nuts, 37165 D | TDRM 13001 up | 1 | |
| 42412 DX | 22 | Fuel Return Tube (Fuel Pump to Dash) with 2 Coupling | | | |
| | | Nuts, 37165 D | TDR 501 to 612 | 1 | |
| 49677 DX | 22 | Fuel Return Tube (Fuel Pump to Dash) with 2 Coupling | | | |
| | | Nuts, 37165 D | TDR 613 to 797 | 1 | |
| 50832 DX | 22 | Fuel Return Tube (Fuel Pump to Dash) with 2 Coupling | | | |
| | | Nuts, 37165 D | TDR 798 to 1211 | 1 | |
| 54978 DX | 22 | Fuel Return Tube (Fuel Pump to Dash) with 2 Coupling | | | |
| | | Nuts, 37165 D | TDR 1212 to 13000 | 1 | |
| 255979 R1 | 22 | Fuel Return Tube (Injection Pump to Fuel Pipe) | TDR 13001 up | 1 | |
| 255979 R11 | 22 | Fuel Return Tube (Injection Pump to Fuel Pipe with 2 Nuts, | | | |
| | | 37165 D | TDR 13001 up | | |
| 42406 D | 23 | Fuel Return Pipe Elbow | TDR 501 to 596 | 2 | |
| 42406 D | 23 | Fuel Return Pipe Elbow | TDR 597 up | 1 | |
| 42406 DX | 23 | Fuel Return Pipe Elbow with Coupling Nut, 37165 D | TDR 501 to 596 | 2 | |
| 42406 DX | 23 | Fuel Return Pipe Elbow with Coupling Nut, 37165 D | TDR 597 up | 1 | |
| 28899 DB | 24 | Fuel Return Tube (with 42384 DXA and 48233 D will work | | | |
| | | for 42384 DX or 42407 DX) | TDR 597 up | 1 | |
| 42407 DX | 24 | Fuel Return Pipe (Tank to Iron Fuel Return Pipe) | | | |
| | | with 2 Coupling Nuts, 37165 D (Order 28899 DB with 1 | | | |
| | | Each 42384 DXA and 48233 D) | TDR 501 to 596 | 1 | |
| 42405 DX | 25 | Fuel Pipe (Shut-Off Valve to Iron Fuel Pipe) | | | |
| | | with 2 Coupling Nuts, 37165 D (Order 48438 D with 1 | | | |
| | | Each of 48231 D and 48232 D) | TDR 501 to 596 | 1 | |
| 48438 D | 25 | Fuel Tube (Shut-Off Valve to Fuel Pipe) with 1 each | | | |
| | | 48231 D and 48232 D will work for 42390 DX or 42405 DX | TDR 597 up | 1 | |
| 42390 DX | 26 | Fuel Tank Shut-Off Valve with Coupling Nut, 37165 D | | | |
| | | (Order 48438 D with 1 each 48231 D and 48232 D) | TDR 501 to 596 | 1 | |
| 48231 D | 26 | Fuel Tank Shut-Off Valve | TDR 597 up | 1 | |
| 24855 D | 27 | Coupling Nut (Shut-Off Valve to Fuel Pipes) | TDR 597 up | 2 | |
| 37323 D | 28 | Elbow (Filter to Injection Pump) | TDRM 501 up | 1 | |
| 37323 DX | 28 | Elbow with Coupling Nut (Filter to Injection Pump) | TDRM 501 up | 1 | |
| 38026 DM | 29 | Fuel Pipe Connector (Fuel Supply Pump to Filter) | TDRM 501 to 825, | | |
| | | | Also 835 | 1 | |
| 38026 DM | 29 | Fuel Pipe Connector (Fuel Supply Pump to Filter) | TDRM 826 to 15000 | | |
| | | | Also 835 | 2 | |
| 38026 DMX | 29 | Fuel Pipe Connector with Coupling Nut, 37165 D | | | |
| | | (Fuel Supply Pump to Filter) | TDRM 501 to 825, | | |
| | | | Also 835 | 1 | |

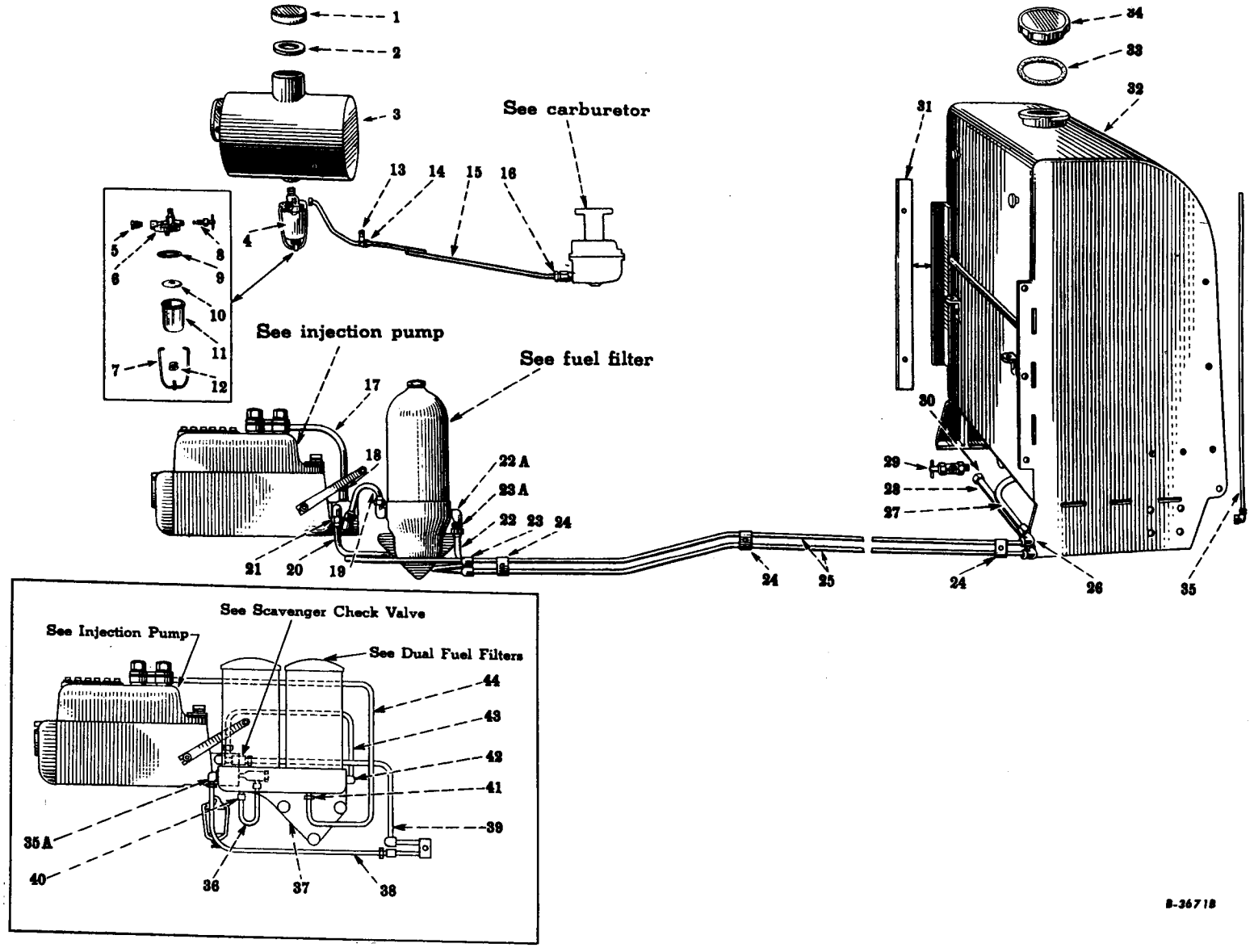
(†) - Also TDR 1677 to 1691, 1709 to 1712

| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D |
|---|---|---|---|---|
| | | **FUEL AND GASOLINE TANKS, WATER TRAPS AND PIPINGS—Continued (For Engines Equipped with Bosch Fuel Injection Pump)** | | |
| 38026 DMX | 29 | Fuel Pipe Connector with Coupling Nut, 37165 D | | |
| | | (Fuel Supply Pump to Filter) | TDRM 826 to 15000 | |
| 37323 DX | 29 | Primary Pump to Fuel Filter Elbow with Nut, 37165 D | TDRM 15001 up | 2 |
| 37323 DX | 29 | Water Trap to Primary Pump Elbow with Nut, 37165 D | TDRM 15001 up | 1 |
| 37323 DX | 29 | Fuel Filter to Injection Pipe Elbow with Nut, 37165 D | TDRM 15001 up | 1 |
| | | | Not 835 | 2 |
| 37165 D | 30 | Coupling Nut (Fuel Supply Pump to Filter) | TDRM 501 up | 2 |
| 9982 T | 31 | Fuel Filter Drain Cock | | 1 |
| 42798 DX | 32 | Fuel Supply Pump to Filter Pipe with 2 Nuts, 37165 D | TDRM 501 to 615 | 1 |
| 49667 DX | 32 | Fuel Supply Pump to Filter Pipe with 2 Nuts, 37165 D | TDRM 616 to 825, | |
| | | | Also 835 | 1 |
| 49711 DAX | 32 | Fuel Supply Pump to Filter Pipe with 2 Nuts, 37165 D | TDRM 826 to 1235, | |
| | | | Not 835 | 1 |
| 54917 DX | 32 | Fuel Supply Pump to Filter Pipe with 2 Nuts, 37165 D | TDRM 1236 to 4661, | |
| | | | Not 4314 or 4512 | 1 |
| 61405 DX | 32 | Fuel Supply Pump to Filter Pipe with Two Nuts, 37165 D | TDR 4662 to 13000 | |
| | | | Also 4314 and 4512 | 1 |
| 251576 R11 | 32 | Primary Pump to Fuel Filter Pipe with 2 Nuts, 37165 D | TDR 13001 up | 1 |
| 37165 D | 33 | Coupling Nut (Filter to Injection Pump) | TDRM 501 up | 2 |
| 38026 DM | 34 | Fuel Pipe Connector (Water Trap to Fuel Pump | TDRM 826 to 15000 | |
| | | | Not 835 | 1 |
| 38026 DMX | 34 | Fuel Pipe Connector with Coupling Nut, 37165 D | | |
| | | (Water Trap to Fuel Pump) | TDRM 826 to 15000 | |
| | | | Not 835 | 1 |
| 50607 D | 34 | Primary Pump Inlet Pipe Elbow (At Injection Pump) | TDRM 4662 to 15000 | |
| | | | Also 4314 and 4512 | 1 |
| 50607 DX | 34 | Primary Pump Inlet Pipe Elbow with nut 37165 D | | |
| | | (At Injection Pump) | TDRM 4662 to 15000 | |
| | | | Also 4314 and 4512 | 1 |
| 50607 DX | 34 | Fuel Filter to Injection Pump Pipe Elbow with | | |
| | | Nut, 37165 D | TDRM 15001 up | |
| 37323 D | 35 | Water Trap Outlet Elbow | TDRM 1714 to 15000 | 1 |
| 37323 DX | 35 | Water Trap Outlet Elbow with Coupling Nut, 37165 D | TDRM 1714 to 15000 | 1 |
| 42411 D | 35 | Fuel Tube Elbow (Water Trap Outlet) | TDR 501 to 1658 † | 1 |
| 42411 DX | 35 | Fuel Tube Elbow with Coupling Nut, 37165 D | TDR 501 to 1658 † | 1 |
| 37165 D | 36 | Coupling Nut (Fuel Tube - Dash to Water Trap) | | 2 |
| 38026 DM | 37 | Fuel Pipe Connector Water Trap Inlet | TDR 1659 up △ | 1 |
| 38026 DMX | 37 | Fuel Pipe Connector with Coupling Nut, 37165 D | TDR 1659 up △ | 1 |
| 42409 DX | 37 | Fuel Pipe Connector (Water Trap Inlet) | | |
| | | with Coupling Nut, 37165 D | TDR 501 to 1658 † | 1 |
| 42399 DA | 38 | Water Trap, Complete | TDR 501 to 1658 † | 1 |
| 51338 D | 38 | Water Trap, Complete | TDRM 1714 to 3295 | 1 |
| | | Cap Screw, 1/2 x 3-1/4" N.C. Hex. Head | | 1 |
| | | Lockwasher, 1/2" | | 1 |
| 60870 D | 38 | Water Trap, Complete | TDRM 3296 to 11853 | 1 |
| 251355 R91 | 38 | Water Trap Complete | TDRM 11854 up | 1 |
| | | Cap Screw, 1/2 x 3" N.C. Hex Head | | 1 |
| | | Lockwasher, 1/2" | | 1 |
| 42408 DX | 39 | Fuel Tube (Dash to Water Trap) with 2 Coupling | | |
| | | Nuts, 37165 D | TDR 501 to 1658 † | 1 |
| 56081 DX | 39 | Fuel Tube (Dash to Water Trap) with Coupling Nuts, | | |
| | | 37165 D | TDR 1659 up △ | 1 |
| 42406 D | 40 | Fuel Pipe Elbow | TDR 501 to 596 | 2 |
| 42406 D | 40 | Fuel Pipe Elbow | TDR 597 up | 1 |
| | | † - Also TDR 1677 to 1691, 1709 to 1712 | | |
| | | △ - Not TDR 1677 to 1691, 1709 to 1712 | | |

| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D |
|---|---|---|---|---|
| | | **FUEL AND GASOLINE TANKS, WATER TRAPS AND PIPINGS —Continued** | | |
| | | **(For Engines Equipped with Bosch Fuel Injection Pump)** | | |
| 42406 DX | 40 | Fuel Pipe Elbow with Coupling Nut, 37165 D | TDR 501 to 596 | 2 |
| 42406 HK | 40 | Fuel Pipe Elbow with Coupling Nut, 37165 D | TDR 597 up | 1 |
| 42385 D | 41 | Fuel Pipe Clamp | | 6 |
| | | Cap Screw, 3/8 x 1-1/2" N.F. Hex. Head | | 3 |
| | | Hex. Nut, 3/8" N.F. | | 3 |
| | | Lockwasher, 3/8" | | 3 |
| 42393 D | 42 | Fuel Pipe (1/4" Standard Iron Pipe) | TDR 501 to 1569 | 1 |
| 42393 D | 42 | Fuel Return Pipe | TDR 501 to 1569 | 1 |
| 50148 D | 42 | Fuel Return Pipe | TDR 1570 up | 1 |
| 50148 D | 42 | Fuel Pipe | TDR 1570 up | 1 |
| 16718 D | 43 | Coupling Nut (Fuel Return Tube) | | 2 |
| 48232 D | 44 | Fuel Tube Elbow (Shut-Off Valve to Fuel Pipe) | TDR 597 up | 1 |
| 48233 D | 45 | Fuel Return Tube Elbow | TDR 597 up | 1 |
| 37323 DX | 46 | Fuel Return Stand Pipe Elbow with Coupling Nut, 37165 D | TDR 501 to 596 | 1 |
| 48216 D | 46 | Fuel Return Stand Pipe Elbow | TDR 597 to 1441 | 1 |
| 42384 DXA | 47 | Fuel Return Stand Pipe with Elbow and Nut, 37323 DX | | |
| | | (Order 28899 DB with 1 Each 48384 DXA and 48233 D) | TDR 501 to 596 | 1 |
| 42384 DX | 47 | Fuel Return Stand Pipe with Elbow | | |
| | | (with 48233 D will work for 42384 DX or 42407 DX) | TDR 597 up | 1 |
| | | | | |
| 42400 DEX | 48 | Fuel Tank with Filler Cap, 42387 D | TDR 1119 up | 1 |
| | | Pipe Plug, 1/2" Square Head-In Drain Flange | | 1 |
| | | Cap Screw, 3/8 x 1-1/2" N.F. Hex Head - Thru | | |
| | | Seat Cushion | | 1 |
| | | Cap Screw, 3/8 x 1-1/2" N.F. Hex Head - | | |
| | | Back Fastening Clips | | 1 |
| | | Cap Screw, 1/2 x 3/4" N.C. Hex. Head - | | |
| | | Thru Tank Supports | | 6 |
| | | Cap Screw, 1/2 x 1-1/4" N.C. Hex. Head - | | |
| | | Thru Tank Supports | | 2 |
| | | Hex. Nut, 3/8" N.F. - on 3/8 x 1-1/2" Cup Screw | | 2 |
| | | Lockwasher, 3/8" - on 1/2 x 3/4" and 1-1/4" | | |
| | | Cap Screw | | 8 |
| | | | | |
| 42400 DEY | 48 | Fuel Tank, Complete 42400 DEX with Cap Screws and Nuts | | |
| | | (will work for 42400 DX and DAX) | TDR 501 to 1118 | 1 |
| | | Cap Screw, 3/8 x 5/8" N.C. Hex. Head | | 4 |
| | | Cap Screw, 3/8 x 3/4" N.C. Hex. Head | | 6 |
| | | Hex. Nut, 3/8" N.C. | | 10 |
| 42495 D | 49 | Fuel Tank Filler Cap Gasket | | 1 |
| 42387 D | 50 | Fuel Tank Filler Cap with Gasket, 42495 D | | 1 |
| 57367 D | 51 | Fuel Tank Support Spacer (Three Man Seat - Special) | | 2 |
| | | | | |
| 25329 D | 52 | Water Trap Bleeder | TDR 501 to 1658 (†) | 1 |
| 42398 DAX | 53 | Water Trap Top with Inlet Pipe, 29352 D and Strap | | |
| | | Pin | TDR 501 to 1658 (†) | 1 |
| | | Cap Screw, 3/8 x 1-1/4" N.C. Hex. Head | | 2 |
| | | Lockwasher, 3/8" | | 2 |
| | | | | |
| 28910 DA | 54 | Water Trap Glass Gasket | TDR 501 to 1658 (†) | 1 |
| 29352 D | 55 | Water Trap Inlet Pipe | TDR 501 to 1658 (†) | 1 |
| 29353 DAX | 56 | Water Trap Screen | TDR 501 to 1658 (†) | 1 |
| 29356 D | 57 | Water Trap Inlet Pipe Cap | TDR 501 to 1658 (†) | 1 |
| 28909 D | 58 | Water Trap Glass | TDR 501 to 1658 (†) | 1 |
| 28908 D | 59 | Water Trap Strap, Complete | TDR 501 to 1658 (†) | 1 |
| | | | | |
| | | (†) - Also TDR 1677 to 1691, 1709 to 1712 | | |

| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D | |
|---|---|---|---|---|---|
| | | **FUEL AND GASOLINE TANKS, WATER TRAPS AND PIPINGS (For Engines Equipped with Bosch Fuel Injection Pump)** | | | |
| 8281 DA | 60 | WATER TRAP BRACKET | TDRM 1714 UP | 1 | |
| | | CAP SCREW, 3/8 x 1" N.C. HEX. HEAD | | 2 | |
| | | LOCKWASHER, 3/8" | | 2 | |
| | | | | | |
| 54766 D | 61 | WATER TRAP VENT SCREW | TDRM 1714 TO 3295 | 1 | |
| 51339 D | 62 | WATER TRAP DOWEL | TDRM 1714 TO 3295 | 2 | |
| 51527 DA | 63 | WATER TRAP BRACKET GASKET | TDRM 1714 UP | 1 | |
| | | | | | |
| 54765 D | 64 | WATER TRAP BODY WITH DOWELS | TDRM 1714 TO 3295 | 1 | |
| 54763 D | 65 | WATER TRAP GASKET | TDRM 1714 TO 3295 | 1 | |
| 54762 D | 66 | WATER TRAP TUBE | TDRM 1714 TO 3295 | 1 | |
| 54761 D | 67 | WATER TRAP SCREEN | TDRM 1714 TO 3295 | 1 | |
| 54764 D | 68 | WATER TRAP GLASS BOWL | TDRM 1714 TO 3295 | 1 | |
| 54760 D | 69 | WATER TRAP BAIL, COMPLETE | TDRM 1714 TO 3295 | 1 | |
| | | | | | |
| 9118 DX | 70 | WATER TRAP TOP (9257 DX WILL WORK) | TDRM 3296 TO 11853 | 1 | |
| 9257 DX | 70 | WATER TRAP TOP (9118 DX WILL WORK) | TDRM 3296 TO 11853 | 1 | |
| | | CAP SCREW, 1/2 x 3" HEX HEAD | | 1 | |
| | | LOCKWASHER, 1/2" | | 1 | |
| 60871 DA | 71 | WATER TRAP VENT SCREW | TDRM 3296 UP | 1 | |
| 60872 D | 72 | WATER TRAP SCREEN | TDRM 3296 TO 11853 | 1 | |
| 60876 D | 73 | WATER TRAP GASKET | TDRM 3296 TO 11853 | 1 | |
| 60877 D | 74 | WATER TRAP GLASS BOWL | TDRM 3296 UP | 1 | |
| 60878 DX | 75 | WATER TRAP BAIL, COMPLETE | TDRM 3296 UP | 1 | |
| | 76 | WATER TRAP BRACKET (SAME AS REFERENCE NO. 60) | | | |
| | 77 | WATER TRAP BRACKET GASKET (SAME AS REFERENCE NO. 63) | | | |
| 251347 R11 | 78 | WATER TRAP DRAIN SCREW WITH HANDLE | TDRM 11854 UP | 1 | |
| 251380 R91 | 79 | WATER TRAP TOP WITH PLUG, 24805 D | TDRM 11854 UP | 1 | |
| 251348 R91 | 80 | WATER TRAP SCREEN | TDRM 11854 UP | 1 | |
| 251352 R1 | 81 | WATER TRAP BOWL GASKET | TDRM 11854 | 1 | |
| | | | | | |
| 56278 D | | FUEL RETURN PIPE CLIP | TDR 13001 UP | 1 | |
| 20345 D | | PLUG (USE WITH 9257 DX) | TDRM 3296 UP | 1 | |
| 24805 D | | PLUG (USE WITH 9118 DX) | TDRM 3296 UP | 1 | |
| 16445 D | | FUEL RETURN PIPE CLIP FELT | TDR 13001 UP | 1 | |
| 37165 D | | COUPLING NUT (SHUT-OFF VALVE TO FUEL RETURN STAND | | | |
| | | PIPE ELBOW) | TDR 501 TO 596 | 1 | |

| I H C PART NUMBER | REF. NO. | MFR'S. NUMBER | DESCRIPTION | SERIAL NUMBER | NO. REQ'D | |
|---|---|---|---|---|---|---|
| | | | **GASOLINE STRAINER (Imperial Brass Mfg. Co.)** | | | |
| 41575 DX | | 42947 | GASOLINE STRAINER WITH COUPLING NUT | TDR 501 TO 984 | 1 | |
| 51066 DBX | | 43121 | GASOLINE STRAINER WITH COUPLING NUT | TDR 985 UP | 1 | |
| | | | | | | |
| 29899 D | 5 | 81-L | COUPLING NUT | | 1 | |
| 49670 D | 6 | 42947-1 | STRAINER BODY WITH BAFFLE | TDR 501 TO 984 | 1 | |
| 54486 D | 6 | 43121-1 | STRAINER BODY WITH TUBE | TDR 985 UP | 1 | |
| 17564 D | 7 | 26984 | BAIL ASSEMBLY | | 1 | |
| 13195 D | 8 | 27093 | STEM ASSEMBLY | TDR 501 TO 984 | 1 | |
| 52855 D | 8 | 43078-3 | STEM ASSEMBLY | TDR 985 UP | 1 | |
| 13193 D | 9 | 25857 | STRAINER GASKET | | 1 | |
| 13194 D | 10 | 25854 | STRAINER SCREEN | | 1 | |
| 13191 D | 11 | | STRAINER BOWL (BRASS) (SPECIAL) | | 1 | |
| 51344 V | 11 | 25858 | STRAINER BOWL (GLASS) | | 1 | |
| 17565 DA | 12 | 27208 | NUT AND CAP ASSEMBLY | | 1 | |




## FUEL AND GASOLINE TANKS AND PIPINGS
### (For Engines Equipped with IH Fuel Injection Pump)

*Reference numbers only are shown in illustration. Use I H C part numbers in ordering.*
*Unnumbered parts in the illustrations are the same as corresponding parts shown with numbers.*

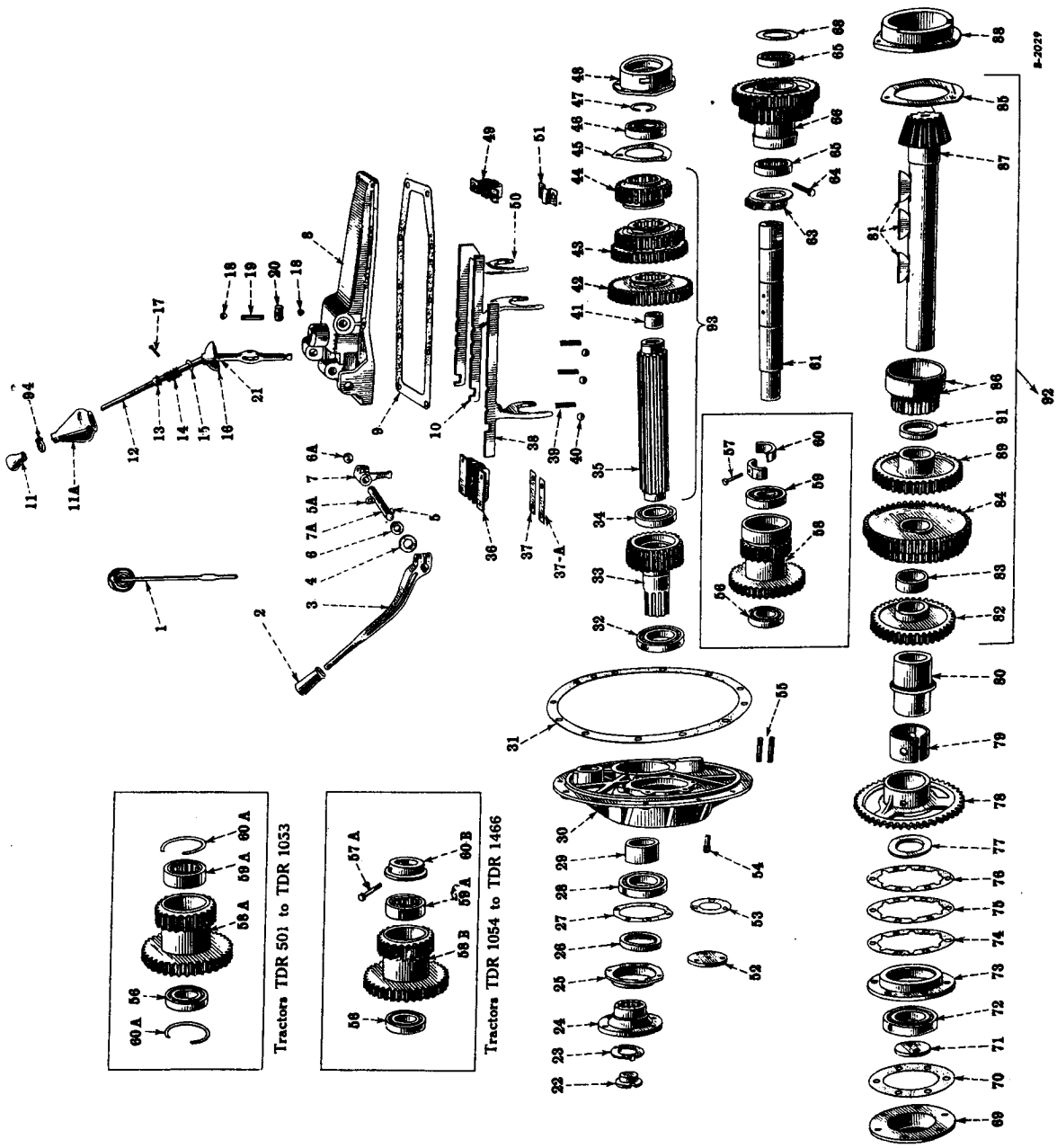
## FUEL AND GASOLINE TANKS AND PIPINGS
### (For Engines Equipped with IH Fuel Injection Pump)

| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D |
|---|---|---|---|---|
| 23995 DA | 1 | Gasoline Tank Filler Cap | | 1 |
| 23977 DA | 2 | Gasoline Tank Filler Cap Gasket | | 1 |
| 41574 DCX | 3 | Gasoline Tank with Filler Cap, 23995 D | | 1 |
| | | Cap Screw, 3/8 x 3/4" N.C. Hex Head | | 4 |
| | | Lockwasher, 3/8" | | 4 |
| 51066 DB | 4 | Gasoline Strainer (See Detail List for Service Parts) | | 1 |
| 51066 DBX | 4 | Gasoline Strainer with Coupling Nut, 29899 D | | 1 |
| | 5 to 12 | See Gasoline Strainer | | |
| 23125 D | 13 | Gasoline Tube Clip | | 1 |
| 16445 D | 14 | Gasoline Tube Clip Felt | | 1 |
| 60015 DX | 15 | Gasoline Tube (Gasoline Strainer to Carburetor) with 2 Coupling Nuts, 29899 D | | 1 |
| 29899 D | 16 | Coupling Nut (Gasoline Tube Strainer to Carburetor) | | 2 |
| 253583 R21 | 17 | Fuel Inlet Pipe with Nut, 37165 D (See Note B) | | 1 |
| 37165 D | 18 | Fuel Inlet Pipe Nut (See Note B). | | 1 |
| 254422 R11 | 19 | Fuel Filter Outlet Pipe with 2 Nuts and 2 Nipples (See Note B) | | 1 |
| 256260 R11 | 20 | Fuel Return Tube with 2 Nuts, 37165 D (Fuel Pump to Fuel Pipe) (See Note B) | | 1 |
| 37165 D | 21 | Fuel Return Tube Nut (See Note B) | | 2 |
| 255053 R11 | 22 | Fuel Tube with 2 Nuts (Fuel Pipe to Fuel Filter) (See Note B) | | 1 |
| 37323 D | 22A | Fuel Filter Inlet Pipe Elbow (See Note B) | | 1 |
| 37323 DX | 22A | Fuel Filter Inlet Pipe Elbow with Nut, 37165 D (See Note B) | | 1 |
| 42406 D | 23 | Fuel Pipe Elbow (See Note B) | | 1 |
| 42406 DX | 23 | Fuel Pipe Elbow with 2 Coupling Nuts, 37165 D (See Note B) | | 1 |
| 37165 D | 23A | Fuel Filter Inlet Pipe Elbow Nut | | 1 |
| 42385 D | 24 | Fuel Pipe Clamp | | 6 |
| | | Cap Screw, 3/8 x 1-1/2" N.F. Hex Head | | 3 |
| | | Hex Nut, 3/8" | | 3 |
| | | Lockwasher, 3/8" | | 3 |
| 50148 D | 25 | Fuel Pipe | | 1 |
| 50148 D | 25 | Fuel Return Pipe | | 1 |
| 48233 D | 26 | Fuel Return Tube Elbow | | 1 |
| 28899 DB | 27 | Fuel Return Tube (With 42384 DXA and 48233 D) | | 1 |

Note B - Used only on engines equipped with Single Fuel Filter.

| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D |
|---|---|---|---|---|
| | | **FUEL AND GASOLINE TANKS AND PIPINGS—Continued** | | |
| | | **(For Engines Equipped with IH Fuel Injection Pump)** | | |
| 48438 D | 28 | Fuel Tube (Shut-off Valve to Fuel Pipe) with 1 each 48231 D and 48232 D | | 1 |
| 48231 D | 29 | Fuel Tank Shut-off Valve | | 1 |
| 24855 D | 30 | Coupling Nut (Shut-off Valve to Fuel Pipes) | | 2 |
| 57367 D | 31 | Fuel Tank Support Spacer (Three Man Seat - S Special) | | 2 |
| 42400 DEX | 32 | Fuel Tank with Filler Cap 42387 D | | 1 |
| | | Pipe Plug, 1/2" Square Head-in Drain Flange | | 1 |
| | | Cap Screw, 3/8 x 1-1/2" N.F. Hex Head-thru Seat Cushion | | 1 |
| | | Cap Screw, 3/8 x 1-1/2" N.F. Hex Head-Back Fastening Clips | | 1 |
| | | Cap Screw, 1/2 x 3/4" N.C. Hex Head-thru Tank Supports | | 6 |
| | | Cap Screw, 1/2 x 1-1/4" N.F. Hex Head-thru Tank Supports | | 2 |
| | | Hex Nut, 3/8"-on 1/2 x 3/4" and 1-1/4" Cap Screw | | 2 |
| | | Lockwasher, 3/8"-on 1/2 x 3/4" and 1-1/4" Cap Screw | | 8 |
| 42495 D | 33 | Fuel Tank Filler Cap Gasket | | 1 |
| 42387 D | 34 | Fuel Tank Filler Cap with Gasket, 42495 D | | 1 |
| 42384 DXA | 35 | Fuel Return Stand Pipe with Elbow, 48233 D | | 1 |
| 37323 D | 35A | Fuel Pipe to Fuel Filter Pipe Elbow (See Note A) | | 1 |
| 260736 R11 | 36 | Auxiliary Filter to Primary Pump Pipe (See Note A) | | 1 |
| 260711 R1 | 37 | Fuel Filter Base Spacer (See Note A) | | 1 |
| 260838 R11 | 38 | Fuel Pipe to Fuel Filter Pipe with 2 Nuts, 37165 D (See Note A) | | 1 |
| 260906 R11 | 39 | Fuel Return Pipe with 2 Nuts, 37165 D (See Note A) | | 1 |
| 22507 D | 40 | Auxiliary Filter to Primary Pump Pipe Connector (Filter End) (See Note A) | | 1 |
| 38026 DM | 41 | Final Filter to Injection Pump Pipe Connector (Filter End) (See Note A) | | 1 |
| 37323 D | 42 | Primary Pump to Final Filter Pipe Elbow (See Note A) | | 1 |
| 37323 DX | 42 | Primary Pump to Final Filter Pipe Elbow with Nut, 37165 D (See Note A) | | 1 |
| 260737 R11 | 43 | Primary Pump to Final Filter Pipe with 2 Nuts, 37165 D (See Note A) | | 1 |
| 260738 R11 | 44 | Final Filter to Injection Pump Pipe with 2 Nuts, 37165 D (See Note A) | | 1 |
| 260304 R1 | | Elbow, 1/4" (Street) (See Note A) | | 1 |

Note A - Used only on engines equipped with Dual Fuel Filter




## TRANSMISSION AND GEAR SHIFTER MECHANISM

**Tractors TDR 1467 up**

*Reference numbers only are shown in illustration. Use I H C part numbers in ordering.*

*Unnumbered parts in the illustrations are the same as corresponding parts shown with numbers.*

| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D |
|---|---|---|---|---|
| | | **TRANSMISSION GEAR SHIFTER MECHANISM** | | |
| | 1 | See TRANSMISSION (BALL BEARING) | | |
| 41597 D | 2 | Hi-Lo Gear Shift Lever Handle (1-Required when 5938 DAX is used) | | 1 |
| 5938 DAX | 3 | Hi-Lo Gear Shift Lever with Handle, 41597 D (Order 257616 R11) | | 1 |
| | | Cap Screw, 1/2 X 1-5/8" N.C. Hex Head | | 1 |
| | | Lockwasher, 1/2" | | 1 |
| 9638 DX | 3 | Hi-Lo Gear Shift Lever (One Piece) (Order 257616 R11) | | 1 |
| 257616 R11 | 3 | Hi-Lo Gear Shift Lever (Will Work for 5938 DAX and 9638 DX) | | 1 |
| 64609 D | 4 | Hi-Lo Gear Shift Arm Shaft Washer | TDR 3624 up | 1 |
| 7220 T | 5 | Hi-Lo Gear Shift Lever Key (Woodruff No. 9) | | 1 |
| 64608 D | 5A | Hi-Lo Gear Shift Key | TDR 3624 up | 1 |
| 17053 D | 6 | Hi-Lo Gear Shift Arm Shaft Oil Seal | TDR 3624 up | 1 |
| 42498 D | 6 | Hi-Lo Gear Shift Arm Shaft Oil Seal | TDR 501 to 3623 | 1 |
| | 4 | Washer, 29/32" I.D. X 1-3/8" O.D. X No. 14 Gauge | | 1 |
| 23007 V | 6A | Hi-Lo Gear Shift Arm Shaft Plug | | 1 |
| 42513 D | 7 | Hi-Lo Gear Shift Arm with Shaft | TDR 501 to 3623 | 1 |
| 64606 D | 7 | Hi-Lo Gear Shift Arm | TDR 3624 up | 1 |
| | | Cap Screw, 1/2 X 1-1/4" N.F. Hex Head | | 1 |
| | | Lockwasher, 1/2" | | 1 |
| 64607 D | 7A | Hi-Lo Gear Shift Arm Shaft | TDR 3624 up | 1 |
| 5939 DX | 8 | Gear Shift Housing with 2 Plugs, 13115 D | TDR 501 to 1443, Not 1442 | 1 |
| | | Cap Screw, 3/8 X 3/4" N.C. Hex Head | | 6 |
| | | Cap Screw, 1/2 X 1-1/2" N.C. Hex Head | | 4 |
| | | Lockwasher, 3/8" | | 6 |
| | | Lockwasher, 1/2" | | 4 |
| 8686 DAX | 8 | Gear Shift Housing with 2 Plugs, 13115 D | TDR 1442 to 3623, Not 1443 | 1 |
| | | Cap Screw, 3/8 X 3/4" N.C. Hex Head | | 6 |
| | | Cap Screw, 1/2 X 1-1/2" N.C. Hex Head | | 4 |
| | | Lockwasher, 3/8" | | 6 |
| | | Lockwasher, 1/2" | | 4 |
| 9456 DAX | 8 | Gear Shift Housing with 2 Plugs, 13115 D, 1 Plug 23007 V | TDR 3624 up | 1 |
| | | Cap Screw, 3/8 X 7/8" N.C. Hex Head | | 4 |
| | | Cap Screw, 3/8 X 1-1/8" N.C. Hex Head | | 2 |
| | | Cap Screw, 1/2 X 1-1/2" N.C. Hex Head | | 4 |
| | | Lockwasher, 3/8" | | 6 |
| | | Lockwasher, 1/2" | | 4 |
| 42511 D | 9 | Gear Shift Housing Gasket | | 1 |
| 42502 DA | 10 | Second and Third Gear Shift Fork (Order 42516 DA) (Standard) | | 1 |
| 42516 DA | 10 | Second and Third Gear Shift Rail with Fork, 42502 DA (Standard) | TDR 501 to 3623 | 1 |
| 64615 DA | 10 | Second and Third Gear Shift Rail and Fork, 42502 DA | TDR 3624 up | 1 |
| 69108 D | 10 | Second and Third Gear Shift Rail with Fork, 42502 DA (Order 256631 R91) | TDR 1442 to 14774 | 1 |
| 69108 DB | 10 | Second and Third Gear Shift Rail with Fork, 42502 DA (used with 69075 DA) | TDR 14775 up | 1 |

| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D |
|---|---|---|---|---|
| | | **TRANSMISSION GEAR SHIFTER MECHANISM—Continued** | | |
| 9637 D | 11 | Gear Shift Lever Ball (Used with 67350 D or Will Work | | |
| | | for 53717 DA on Lever 42512 DAX - By Threading Lever | | |
| | | 42512 DAX)(1/2 x 13" N.C. Thread 3/4" Long) (See 67350 D) | | 1 |
| 41000 D | 11 | Gear Shift Lever Ball | TDR 501 to 658 | 1 |
| 48427 D | 11 | Gear Shift Lever Ball | TDR 659 to 1263 | 1 |
| 53717 DA | 11 | Gear Shift Lever Ball (9637 D Will Work) | TDR 1264 up | 1 |
| | | | | |
| 64603 D | 11A | Gear Shift Boot | TDR 3624 up | 1 |
| | | | | |
| | | | | |
| 42512 DAX | 12 | Gear Shift Lever with 2 Plugs, 13115 D | | |
| | | (Not L.H. Drive Control) (67350 D Will Work) | | 1 |
| 67350 DX | 12 | Gear Shift Lever with Ball, 9637 D and 2 Plugs, 13115 D | | |
| | | (42512 DAX Will Work) | | 1 |
| | | | | |
| | | | | |
| 11373 D | 13 | Gear Shift Swivel Housing Shield Spring Stop, Upper | | 1 |
| | | Rivet, 3/16 X 1-1/4" Round Head | | 1 |
| 29547 D | 14 | Gear Shift Swivel Housing Shield Spring | | 1 |
| 17700 D | 15 | Gear Shift Swivel Housing Shield Spring Stop, Lower | | 1 |
| 42496 DX | 16 | Gear Shift Swivel Housing Shield with Bushing, | | |
| | | 20887 D and One Rivet, 3/16 X 1-1/4" Round Head | | 1 |
| 6220 T | 17 | Gear Shift Swivel Housing Shield Spring Stop Pin | | |
| | | (Order 3/16 X 1-1/4" Round Head Rivet) | | 1 |
| | | | | |
| | | | | |
| 13115 D | 18 | Gear Shift Lever Swivel Shaft Expansion Plug, 5/8" | | 2 |
| 40466 DAX | 19 | Gear Shift Lever Swivel Shaft, Small with 2 Plugs, 13115 D | | 1 |
| 256919 R11 | 19 | Gear Shift Lever Swivel Shaft, Small with 2 Plugs, 13115 D | | |
| | | (Will Work for 40466 DAX) | | 1 |
| 256918 R11 | 20 | Gear Shift Lever Swivel Shaft, Large with 2 Plugs, 13115 D | | |
| | | (Will Work for 40465 DAX) | | 1 |
| 40465 DAX | 20 | Gear Shift Lever Swivel Shaft, Large with 2 Plugs, 13115 D | | 1 |
| | | | | |
| 20887 DA | 21 | Gear Shift Swivel Housing Shield Bushing | | 1 |
| | | | | |
| | 22 | | | |
| | to | See TRANSMISSION (BALL BEARING) | | |
| | 35 | | | |
| | | | | |
| 42517 D | 36 | Gear Shift Rail Guide, Front with Support | | 1 |
| | | Cap Screw, 3/8 x 3/4" N.C. Hex Head - Thru Support | | 4 |
| | | Rivet, No. 9 - 74° x 1/2" Countersunk Head | | 2 |
| 42506 D | 37 | Gear Shift Rail Guide Support Bolt Lock (Order 62780 DX) | TDR 501 to 3490, | 6 |
| | | | Not 3221 to 3296 | |
| | | | | |
| 42500 DA | 38 | Hi-Lo Gear Shift Fork (Order 42514 DA) (Standard) | | 1 |
| 42514 DA | 38 | Hi-Lo Gear Shifter Rail with Fork, 42500 DA (Standard) | TDR 501 to 3623 | 1 |
| 69106 D | 38 | Hi-Lo Gear Shifter Rail with Fork, 42500 DA (Order 256631 R91) | | |
| | | | TDR 1442 to 14774 | 1 |
| 69106 DA | 38 | Hi-Lo Gear Shifter Rail with Fork, 42500 DA | | |
| | | (Used with 69075 DA) | TDR 14775 up | 1 |
| | | | | |
| | | | | |
| 23921 D | 39 | Gear Shift Rail Poppet Ball Spring | TDR 501 to 554 | 3 |
| 47823 D | 39 | Gear Shift Rail Poppet Ball Spring (Order 64163 D) | TDR 555 to 5151 | 3 |
| 64163 D | 39 | Gear Shift Poppet Spring (Will Work for 47823 D) | TDR 5152 up | 3 |

| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D |
|---|---|---|---|---|
| | | **TRANSMISSION GEAR SHIFTER MECHANISM—Continued** | | |
| 4596 D | 40 | Gear Shift Rail Poppet Ball (1/2" Steel Ball) | | |
| | | (13722 D Will Work) | | 3 |
| 13722 D | 40 | Gear Shift Rail Poppet Ball (4596 D Will Work) | | 3 |
| | 41 to 48 | See TRANSMISSION (BALL BEARING) | | |
| 42518 D | 49 | Gear Shift Rail Guide, Rear with Support | | 1 |
| | | Cap Screw, 3/8 x 3/4" N.C. Hex Head - Thru Support | | 2 |
| | | Rivet, No. 9 - 74° x 1/2" Countersunk Head | | 1 |
| 42501 DA | 50 | Low and Reverse Gear Shift Fork (Order 42515 DA) (Standard) | | 1 |
| 42515 DA | 50 | Low and Reverse Gear Shift Rail with Fork, 42501 DA (Standard) | TDR 501 to 3623 | 1 |
| 64613 DA | 50 | Low and Reverse Gear Shift Rail and Fork, 42501 DA | TDR 3624 up | 1 |
| 69107 D | 50 | Low and Reverse Gear Shift Rail with Fork, 42501 DA (Order 256631 R91) | TDR 1442 to 14774 | 1 |
| 69107 DB | 50 | Low and Reverse Gear Shift Rail with Fork, 42501 DA (Used with 69705 DA) | TDR 14775 up | 1 |
| 9783 D | | Gear Shift Lock Shaft Bracket (Used with 69075 DA) | | 1 |
| 9787 DX | | Gear Shift Housing (Used with 69075 DA) | | 1 |
| 9788 DX | | Gear Shift Lock Cam Housing (Used with 69075 DA) | | 1 |
| 56515 DX | | Gear Shift Lever with 2 Plugs, 13115 D (L.H. Drive Control - Special) | | 1 |
| 69069 D | | Gear Shift Poppet Ball Spring (Used with 69075 DA) | | 3 |
| 69071 DX | | Gear Shift Lock Pin Plate (Order 256631 R91) | TDR 1442 to 14774 | 1 |
| 69071 DAX | | Gear Shift Lock Pin Plate (Used with 69075 DA) | TDR 14775 up | 1 |
| 69096 D | | Gear Shift Lock Shaft (Used with 69075 DA) | | 1 |
| 69097 DX | | Gear Shift Lock Shaft Connecting Rod (Used with 69075 DA) | | 1 |
| 69075 DA | | Transmission Gear Shift Lock Attachment (See Note) | TDR 1442 up | 1 |
| 256631 R91 | | Field Service Package (Used with 69075 DA) (Will Work for 69071 DX, 69106 D, 69107 D and 69108 D) | TDR 1442 to 14774 | 1 |

NOTE - Transmission Gear Shifter Lock Attachment 69075 DA is not Applicable on Crawler Tractors, Below Serial No. 1442, Equipped with Steering Clutch Release Actuators, Unless Manual Steering Clutch Controls Attachment Has Been Installed.

| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D |
|---|---|---|---|---|
| | | **TRANSMISSION (BALL BEARING)** | | |
| | | (6 Speeds Forward, 2 Reverse) | | |
| 41694 DA | 1 | Transmission Oil Lever Rod with Plug and Shield | | 1 |
| | 2 to 21 | See Tramission Gear Shifter Mechanism | | |
| 41664 D | 22 | Transmission Driving Flange Nut | | 1 |
| 41665 D | 23 | Transmission Driving Flange Nut Lock | | 1 |
| 41657 D | 24 | Transmission Driving Flange | | 1 |
| 5841 DX | 25 | Transmission Driving Shaft Bearing Retainer, Front | | |
| | | with Oil Seal, 52348 D | | 1 |
| | | Cap Screw 3/8 X 1" N.C. Hex Head | | 4 |
| | | Lockwasher, 3/8" | | 4 |
| 32380 D | 26 | Transmission Driving Shaft Oil Seal (Order 52348 D) | TDR 501 to 1013 | 1 |
| 52348 D | 26 | Transmission Driving Shaft Oil Seal (Will Work for 32380 D) | TDR 1014 up | 1 |
| 41666 D | 27 | Transmission Driving Shaft Bearing Retainer Gasket | | 1 |
| 23276 H | 28 | Transmission Driving Shaft Bearing, Front | | |
| | | (N.D. 1214 YL) (ST 223 Will Work) | TDR 501 to 11819 | 1 |
| 48173 D | 28 | Transmission Driving Shaft Bearing Front (N.D. 3214-YL) | | |
| | | (Will Work for ST-273) | TDR 11820 up | 1 |
| ST 223 | 28 | Transmission Driving Shaft Bearing, Front (IHC) | | |
| | | (Will Work for 23276 H) | TDR 501 to 11819 | 1 |
| ST 273 | 28 | Transmission Driving Shaft Bearing, Front (IH) | | |
| | | (48713 D Will Work) | TDR 11820 up | 1 |
| 41690 D | 29 | Transmission Driving Shaft Bearing Spacer | | 1 |
| 5846 DBX | 30 | Transmission End Cover with 2 Studs, 41652 D | TDR 501 to 3584 | 1 |
| | | Cap Screw, 1/2 X 1-1/2" N.C. Hex Head | | 8 |
| | | Hex Nut, 1/2" | | 4 |
| | | Lockwasher, 1/2" | | 12 |
| 64620 D | 30 | Transmission End Cover, 5846 DB with Bevel | | |
| | | Pinion Shaft Bearing Cage Front Stud, 64621 D | TDR 3585 up | 1 |
| | | Hex Nut, 1/2" N.F. | | 2 |
| | | Lockwasher, 1/2" | | 2 |
| 41668 DA | 31 | Transmission End Cover Gasket | | 1 |
| 41513 V | 32 | Transmission Driving Shaft Bearing, Rear | | |
| | | (N.D. 1215 YL) (ST 228 Will Work) | TDR 501 to 11217 | 1 |
| ST 228 | 32 | Transmission Driving Shaft Bearing, Rear (IHC) | | |
| | | (Will Work for 41513 V) | TDR 501 to 11217 | 1 |
| ST 274 | 32 | Transmission Driving Shaft Bearing, Rear (IH) | | |
| | | (68467 D Will Work) | TDR 11218 up | 1 |
| 68467 D | 32 | Transmission Driving Shaft Bearing, Rear (N.D. 3215-YL) | | |
| | | (Will Work for ST-274) | TDR 11218 up | 1 |

| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D |
|---|---|---|---|---|
| | | **TRANSMISSION (BALL BEARING)—Continued** | | |
| | | **(6 Speeds Forward, 2 Reverse)** | | |
| 41643 DA | 33 | Transmission Drive Shaft and Gear, 29 Teeth | | 1 |
| 14234 H | 34 | Transmission Spline Shaft Bearing, Front | | |
| | | (N.D. 1212 YL) (ST 227 Will Work) | TDR 501 to 10857 | 1 |
| 8511 D | 34 | Transmission Spline Shaft Bearing, Front (N.D. 3212-YL) | | |
| | | (ST-269 Will Work) | TDR 10858 up | 1 |
| ST 227 | 34 | Transmission Spline Shaft Bearing, Front (IHC) | | |
| | | (Will Work for 14234 H) | TDR 501 to 10857 | 1 |
| ST 269 | 34 | Transmission Spline Shaft Bearing, Front (IH) | | |
| | | (Will Work for 18511 D) | TDR 10858 | 1 |
| 41654 DX | 35 | Transmission Spline Shaft with Bushing, 41671 D (See Note) | | 1 |
| 62782 D | 37 | Gear Shift Rail Guide Bolt Lock, Front, R.H. | TDR 3491 up, | |
| 62781 D | 37A | Gear Shift Rail Guide Bolt Lock, Front, L.H. | TDR 3491 up, | |
| 64611 D | 38 | Hi-Lo Gear Shift Rail and Fork, 42500 DA | TDR 3624 up | 1 |
| 41671 D | 41 | Power Take-off Shaft Bushing | | 1 |
| 41644 DB | 42 | Hi-Lo Range Sliding Gear, 22 and 29 Teeth (See Note) | | 1 |
| 41649 DB | 43 | 2nd, 3rd, 5th and 6th Speed Sliding Gear, 33 and 37 | | |
| | | Teeth (See Note) | | 1 |
| 41653 DC | 44 | Reverse, 1st and 4th Speed Sliding Gear, 27 Teeth (See Note) | | 1 |
| 41676 D | 45 | Transmission Spline Shaft Bearing Retainer, Rear | TDR 501 to 975 | 1 |
| | | Cap Screw, 3/8 X 1-1/8" N.C. Hex Head | | 3 |
| | | Lockwasher, 3/8" | | 3 |
| 53899 D | 45 | Transmission Spline Shaft Bearing Retainer, Rear | TDR 976 up | 1 |
| | | Cap Screw, 3/8 X 1-1/8" N.C. Hex Head | | 3 |
| | | Lockwasher, 3/8" | | 3 |
| 14234 H | 46 | Transmission Spline Shaft Bearing, Rear | | |
| | | (N.D. 1212 YL) (Order 64619 D) | TDR 501 to 3565 | 1 |
| ST 227 | 46 | Transmission Spline Shaft Bearing, Rear (IHC) (Order 64619 D) | TDR 501 to 3565 | 1 |
| 64619 D | 46 | Transmission Spline Shaft Bearing, Rear | | |
| | | (N.D. 77212) (Will Work for 14234 H and ST 227) | TDR 3566 to 10870 | 1 |
| 68465 D | 46 | Transmission Spline Shaft Bearing, Rear (N.D. 77512) | | |
| | | (Will Work for ST-335) | TDR 10871 up | 1 |
| ST 335 | 46 | Transmission Spline Shaft Bearing, Rear (IH) | | |
| | | (68465 D Will Work) | TDR 10871 up | 1 |
| 40888 D | 47 | Transmission Spline Shaft Bearing Snap Ring | | 1 |
| 5840 D | 48 | Transmission Spline Shaft Bearing Cage Rear | TDR 501 to 975 | 1 |
| 8389 DA | 48 | Transmission Spline Shaft Bearing Cage, Rear | TDR 976 up | 1 |

NOTE - Also for Tractors below TDR 1442 which are Equipped with Steering Clutch Release Actuator and Manual Steering Clutch Controls Attachment

| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D | |
|---|---|---|---|---|---|
| | | **TRANSMISSION (BALL BEARING)—Continued** (6 Speeds Forward, 2 Reverse) | | | |
| 62780 D | 51 | Gear Shift Rail Guide Support Bolt Lock, Rear | TDR 3491 up, | | |
| | | | Also 3221 to 3296 | 1 | |
| 41670 D | 52 | Hi-Lo Range Idler Shaft Retainer | | 1 | |
| | | Cap Screw, 3/8 X 1" N.C. Hex Head | | 3 | |
| | | Cap Screw, 1/2 X 1-1/4" N.F. Hex Head | | 1 | |
| | | Lockwasher, 3/8" | TDR 501 to 944 | 3 | |
| | | Lockwasher, 1/2" | TDR 501 to 944 | 1 | |
| 41660 D | 53 | Hi-Lo Range Idler Shaft Retainer Gasket | | 1 | |
| 18585 DA | 54 | Transmission End Cover Dowel Pin | | 1 | |
| 41652 D | 55 | Bevel Pinion Shaft Bearing Cage Front Stud | TDR 501 to 3584 | 2 | |
| | | Hex Nut, 1/2" N.F. | | 2 | |
| | | Lockwasher, 1/2" | | 2 | |
| 64621 D | 55 | Bevel Pinion Shaft Bearing Cage Front Stud | TDR 3585 up | 2 | |
| | | Hex Nut, 1/2" N.F. | | 2 | |
| | | Lockwasher, 1/2" | | 2 | |
| 75238 H | 56 | Hi-Lo Range Idler Gear Bearing, Front (N.D. 3210) | | | |
| | | (Will Work for ST-264) | TDR 11211 up | 1 | |
| ST 264 | 56 | Hi-Lo Range Idler Gear Bearing Front (IH) | | | |
| | | (75238 H Will Work) | TDR 11211 up | 1 | |
| ST 278 | 56 | Hi-Lo Range Idler Bearing Front (IHC) (10690 V Will Work) | TDR 501 to 11210 | 1 | |
| 10690 V | 56 | Hi-Lo Range Idler Gear Bearing, Front (N.D. 1210 YL) | | | |
| | | (ST 278 Will Work) | TDR 501 to 11210 | 1 | |
| 18501 DA | 57 | Hi-Lo Range Idler Bearing Retainer Bolt | | | |
| | | (Will Work for 56466 D) | TDR 1467 up | 1 | |
| | | Hex Nut, 3/8" N.F. (Castellated) | | 1 | |
| | | Cotter Pin, 3/32 X 3/4" | | 1 | |
| 56466 D | 57 | Hi-Lo Range Idler Bearing Retainer Bolt (18501 DA Will Work) | | 1 | |
| | | Hex Nut, 3/8" N.F. (Castellated) | | 1 | |
| | | Cotter Pin, 3/32 X 3/4" | | 1 | |
| 21572 D | 57A | Hi-Lo Range Idler Bearing Retainer Bolt | TDR 1054 to 1466 | 1 | |
| | | Hex Nut, 3/8" N.F. (Castellated) | | 2 | |
| | | Cotter Pin, 3/32 X 3/4" | | 2 | |
| 56468 DA | 58 | Hi-Lo Range Idler Gear, 23 and 36 Teeth | TDR 1467 up | 1 | |
| 41650 D | 58A | Hi-Lo Range Idler Gear, 23 and 36 Teeth (Order 56473 D) | TDR 501 to 1053 | 1 | |
| 52432 D | 58B | Hi-Lo Range Idler Gear, 23 and 36 Teeth (Order 56473 D) | TDR 1054 to 1466 | 1 | |
| 18511 D | 59 | Hi-Lo Range Idler Ball Bearing, Rear (N.D. 3212) | | | |
| | | (ST-269 Will Work) | TDR 1467 up | 1 | |
| ST 269 | 59 | Hi-Lo Range Idler Bearing (IHC) (18511 D Will Work) | TDR 1467 up | 1 | |
| 41682 D | 59A | Hi-Lo Range Idler Roller Bearing, Rear (Hyatt 5210 TS) | | | |
| | | (Order 56473 D) | TDR 501 to 1466 | 1 | |
| 56465 D | 60 | Hi-Lo Range Idler Bearing Retainer, Rear (Split Type) | TDR 1467 up | 2 | |
| 41659 D | 60A | Hi-Lo Range Idler Gear Bearing Snap Ring | TDR 501 to 1053 | 2 | |
| 55422 D | 60B | Hi-Lo Range Idler Thrust Washer (Order 56473 D) | TDR 1105 to 1466, | | |
| | | | Also TDR 1102 | 1 | |
| 41656 D | 61 | High and Low Range Idler Shaft (Order 56473 D) | TDR 501 to 1053 | 1 | |
| 52433 D | 61 | Hi-Lo Range Idler Shaft (Order 56473 D) | TDR 1054 to 1466 | 1 | |
| 56467 D | 61 | Hi-Lo Range Idler Shaft | TDR 1467 up | 1 | |
| 5844 D | 63 | Transmission Reverse Idler Gear Oil Scoop | TDR 501 to 1053 | 1 | |
| 8334 D | 63 | Transmission Reverse Idler Gear Oil Scoop | TDR 1054 up | 1 | |
| 21572 D | 64 | Transmission Reverse Idler Gear Oil Scoop Bolt | | 1 | |
| 41681 D | 65 | Transmission Reverse Idler Gear Bearing (Hyatt 1210 TS) | | | |
| | | (70039 D Will Work) | | 2 | |
| 70039 D | 65 | Transmission Reverse Idler Bearing (Bower MU-1210-EL) | | | |
| | | (41681 D Will Work) | | 2 | |
| 41651 DA | 66 | Transmission Reverse Idler Gear, 31 and 38 Teeth | | 1 | |
| 41658 D | 68 | Transmission Reverse Idler Thrust Washer | | 1 | |

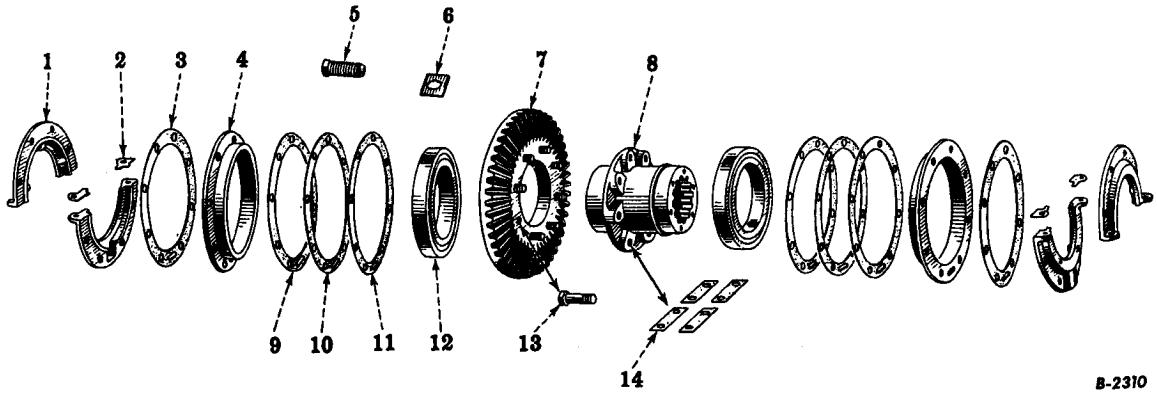
## TRANSMISSION (BALL BEARING)—Continued

**(6 Speeds Forward, 2 Reverse)**

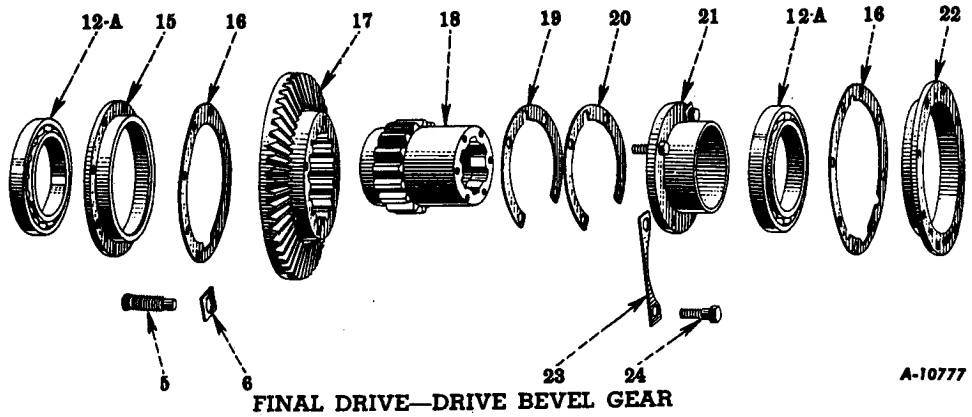
| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D |
|---|---|---|---|---|
| 5842 DA | 69 | Bevel Pinion Shaft Bearing Retainer, Front | | 1 |
| | | Cap Screw, 1/2 X 2-1/4" N.C. Hex Head | | 4 |
| | | Lockwasher, 1/2" | | 4 |
| 41662 DA | 70 | Bevel Pinion Shaft Bearing Retainer Front Gasket | | 1 |
| 41677 D | 71 | Bevel Pinion Shaft Bearing Front Retainer Washer | | 1 |
| | | Cap Screw, 1/2 X 1-1/4" N.F. Hex Head | | 2 |
| | | Lockwasher, 1/2" | | 2 |
| 18510 D | 72 | Bevel Pinion Shaft Bearing, Front (N.D. 3213) | | |
| | | (ST 219 Y or 58258 D will work) | TDR 501 to 846 | 1 |
| 55844 D | 72 | Bevel Pinion Shaft Bearing, Front (N. D. 5513) | TDR 3585 up | 1 |
| 58258 D | 72 | Bevel Pinion Shaft Bearing, Front (N.D. 3213 YT) | | |
| | | (Will Work for 18510 D) (ST 219 Y Will Work) | TDR 847 to 3584 | 1 |
| ST 219 Y | 72 | Bevel Pinion Shaft Bearing, Front (IHC) (Will Work for | | |
| | | 58258 D and 18510 D) | TDR 501 to 3584 | 1 |
| 5838 DB | 73 | Bevel Pinion Shaft Bearing Cage, Front | TDR 501 to 3584 | 1 |
| 9457 D | 73 | Bevel Pinion Shaft Bearing Cage, Front | TDR 3585 up | 1 |
| 41678 DA | 74 | Bevel Pinion Shaft Bearing Cage, Front Shim (Heavy) | | 1 |
| 41679 DA | 75 | Bevel Pinion Shaft Bearing Cage, Front Shim (Medium) | | 1 |
| 41680 DA | 76 | Bevel Pinion Shaft Bearing Cage, Front Shim (Light) | | 1 |
| 5845 DA | 77 | Bevel Pinion Shaft Bearing Spacer, Front | | 1 |
| 250306 R1 | | Bevel Pinion Shaft Bearing Cage, Front Shim (Extra Light) | | 1 |
| 5837 DBX | 78 | Transmission Oiler Gear, 47 Teeth with Bushing, 41672 DA | | 1 |
| 41672 DA | 79 | Transmission Oiler Gear Bushing | | 1 |
| 5843 DA | 80 | Transmission Oiler Gear Sleeve | | 1 |
| 41661 D | 81 | Bevel Pinion Shaft Key | | 3 |
| 41646 DA | 82 | Transmission, 3rd and 6th Speed Gear, 39 Teeth | | 1 |
| 41667 D | 83 | Bevel Pinion Shaft Spacer | | 1 |
| 41645 DB | 84 | Transmission, 1st, 2nd, 4th, and 5th Speed Gear, | | |
| | | 43 and 49 Teeth | | 1 |
| 41663 D | 85 | Bevel Pinion and Shaft Bearing Retainer, Rear | | 1 |
| | | Cap Screw, 3/8 X 1-1/4" N.C. Hex Head | | 3 |
| | | Lockwasher, 3/8" | | 3 |
| 41673 D | 86 | Bevel Pinion and Shaft Bearing, Rear (Hyatt A 5215 TS) | | |
| | | (Order 53009 D) | TDR 501 to 846 | 1 |
| 53009 D | 86 | Bevel Pinion and Shaft Bearing, Rear (Hyatt BU 5215 Z) | | |
| | | (Will Work for 41673 D) (70038 D Will Work) | TDR 847 up | 1 |
| 70038 D | 86 | Bevel Pinion and Shaft Bearing Rear | | |
| | | (Bower MU-5215-CL) (53009 D Will Work) | TDR 847 up | 1 |
| 41648 D | 87 | Bevel Pinion and Shaft, 12 Teeth (Order 56677 DA) | TDR 501 to 1519 | 1 |
| 41648 DA | 87 | Bevel Pinion and Shaft, 12 Teeth (Order 60403 D or 64633 D) | TDR 1520 to 1721 | 1 |
| 56677 DA | 87 | Bevel Pinion and Shaft, 58375 DB, Drive Bevel Gear, 40933 D, | | |
| | | and Transmission Oiler Gear Sleeve, 5843 DA | | |
| | | (Will Work for 41648 D) | TDR 501 to 1530 | 1 |
| 58375 DA | 87 | Bevel Pinion and Shaft, 12 Teeth (Order 64633 D) | TDR 1722 to 3584 | 1 |
| 58375 DB | 87 | Bevel Pinion and Shaft, 12 Teeth (Order 64618 D) | TDR 3585 up | 1 |
| 60401 D | 87 | Bevel Pinion and Shaft, 58375 D with Drive Bevel | | |
| | | Gear, 58374 D (Order 64633 D) | TDR 1531 to 3584 | 1 |
| 60403 D | 87 | Bevel Pinion and Shaft, 58375 D with Drive Bevel Gear, | | |
| | | 40933 DA (Will Work for 41648 DA) | TDR 501 to 1530 | 1 |

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| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D |
|---|---|---|---|---|
| | | **TRANSMISSION (BALL BEARING)—Continued** | | |
| | | **(6 Speeds Forward, 2 Reverse)** | | |
| 64618 D | 87 | Bevel Pinion and Shaft with Drive Bevel Gear | TDR 3585 up | 1 |
| 64633 D | 87 | Bevel Pinion and Shaft with Drive Bevel Gear, Complete | | |
| | | (Will Work for 41648 DA, 54133 D, 58374 D, | | |
| | | 58375 D and 60401 D) | TDR 1520 to 3584 | 1 |
| 64617 D | 87 | Bevel Pinion and Shaft (12 Teeth) (Order 64618 D) | TDR 3585 up | 1 |
| 5839 DA | 88 | Bevel Pinion and Shaft Bearing Cage, Rear | | 1 |
| | | | | |
| 41647 DB | 89 | Transmission Reverse Gear, 40 Teeth | TDR 1520 up | 1 |
| 41647 DBX | 89 | Transmission Reverse Gear, 41647 DB with Spacer, 52893 D | TDR 501 to 1519 | 1 |
| 52893 D | 91 | Transmission Reverse Gear Spacer | TDR 1018 up | 1 |
| | | | | |
| 41675 D | 92 | Bevel Pinion and Shaft with Gears, Complete | | |
| | | (Order 60402 D) | TDR 501 to 1519 | 1 |
| 41675 DA | 92 | Bevel Pinion and Shaft with Gears, Complete | | |
| | | (Order 60402 D or 64634 D) | TDR 1520 to 1721 | 1 |
| 58388 D | 92 | Bevel Pinion and Shaft with Gears, Complete (Order 64634 D) | TDR 1722 to 3584 | 1 |
| 58388 D | 92 | Bevel Pinion and Shaft with Gears, Complete (Order 64616 D) | TDR 3585 up | 1 |
| 60400 D | 92 | Bevel Pinion and Shaft, Complete, 58388 D with Drive | | |
| | | Bevel Gear, 58374 D (Order 64634 DA) | TDR 1531 to 3584 | 1 |
| 60402 D | 92 | Bevel Pinion and Shaft Complete, 58388 D with Sleeve | | |
| | | 5843 DA and Drive Bevel Gear, 40933 DA (Will Work for | | |
| | | 40933 D, 41675 D and 41675 DA) | TDR 501 to 1530 | 1 |
| 64616 DA | 92 | Bevel Pinion and Shaft with Drive Bevel Gear, Complete | TDR 3585 up | 1 |
| 64634 DA | 92 | Bevel Pinion and Shaft with Drive Bevel Gear, Complete | | |
| | | (Will Work for 41675 DA, 54133 D, 58374 D, | | |
| | | 58388 D and 60400 D) | TDR 1520 to 3584 | 1 |
| | | | | |
| 62366 DA | 93 | Transmission Spline Shaft with Sliding Gears (See Note) | TDR 501 to 1689 | 1 |
| 62366 DA | 93 | Transmission Spline Shaft with Sliding Gears (See Note) | TDR 13001 up | 1 |
| 64604 D | 94 | Gear Shift Boot Clamp | TDR 3624 up | 1 |
| | | Stove Bolts, No. 8 - 32 X 3/4" Round Head | | |
| | | (Cadmium Plated) | | 1 |
| | | Stove Bolt Nut, No. 8 - 32 (Cadmium Plated) | | 1 |
| | | | | |
| 18868 D | | Hi-Lo Range Idler Shaft Retainer Bolt Lockwasher | | |
| | | (Shakeproof No. 1124) | TDR 945 up | 1 |
| | | | | |
| 52414 DA | | Gear Shift Housing, Complete | | 1 |
| | | | | |
| 55450 D | | Hi-Lo Range Idler Thrust Washer (Field Change) | TDR 501 to 1053 | 1 |
| 55450 D | | Hi-Lo Range Idler Thrust Washer | TDR 1054 to 1104, | |
| | | | Not TDR 1102 | 1 |
| | | | | |
| 56473 D | | Transmission Field Change Improvement Package | | |
| | | (Changing Roller Bearings to Ball Bearings in Hi-Lo | | |
| | | Range Idler Gear Mounting) | TDR 501 to 1466 | 1 |
| | | | | |
| 62780 DX | | Gear Shift Rail Guide Bolt Lock, Complete | | |
| | | (Will Work for 42506 D) | TDR 501 to 3490 | 1 |
| | | | | |
| 64636 D | | Field Change Package | TDR 1531 up | 1 |
| 64997 D | | Field Change Package | TDR 501 to 1530 | 1 |
| | | | | |
| 21491 H | | Hi-Lo Range Idler Shaft Retainer Bolt Lockwasher | | |
| | | (Shakeproof No. 1120) | TDR 945 up | 3 |
| | | | | |
| | | NOTE - On Tractors with This Assembly Installed Individual Parts can be Ordered. | | |




**FINAL DRIVE—DRIVE BEVEL GEAR**
Tractors TDR 501 to TDR 1530




**FINAL DRIVE—DRIVE BEVEL GEAR**
Tractors TDR 1531 up

*Reference numbers only are shown in illustration. Use I H C part numbers in ordering.*
*Unnumbered parts in the illustrations are the same as corresponding parts shown with numbers.*

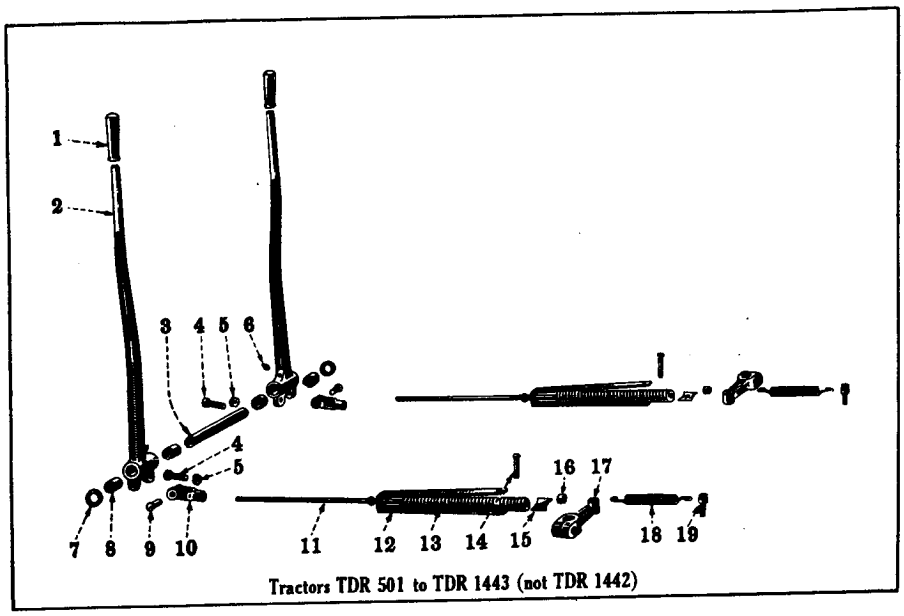
## FINAL DRIVE—DRIVE BEVEL GEAR

| | | | | |
|---|---|---|---|---|
| 5721 DA | 1 | Drive Bevel Gear Bearing Cage Cap, Upper (Order 40935 DA) | TDR 501 to 1441 | 2 |
| 5722 DA | 1 | Drive Bevel Gear Bearing Cage Cap, Lower (Order 40935 DA) | TDR 501 to 1441 | 2 |
| 40935 DA | 1 | Drive Bevel Gear Bearing Cage Cap, Complete | TDR 501 to 1441 | 2 |
| | | Cap Screw, 5/8 X 1-5/8" N.C. Hex Head | | 12 |
| | | Hex Nut, 5/8" N.C. | | 4 |
| | | Lockwasher, 5/8" | | 12 |
| 40928 D | 2 | Drive Bevel Gear Bearing Cage Cap Filler Gasket | TDR 501 to 1441 | 4 |
| 40929 D | 3 | Drive Bevel Gear Bearing Cage Cap Gasket | TDR 501 to 1441 | 2 |
| 5720 D | 4 | Drive Bevel Gear Bearing Cage | TDR 501 to 1530 | 2 |
| | | | | |
| | | | | |
| | | | | |
| 40930 D | 5 | Drive Bevel Gear Deflection Set Screw | | 1 |
| | | Hex Jam Nut, 1-1/8" N.F. | | 1 |
| 40931 D | 6 | Drive Bevel Gear Deflection Set Screw Lock | | 1 |
| | | | | |
| | | | | |
| 40933 DA | 7 | Drive Bevel Gear, 47 Teeth (Order 56677 DA or 60402 D) | | |
| | | (See Transmission) | TDR 501 to 1530 | 1 |
| 5719 D | 8 | Drive Bevel Gear Hub | TDR 501 to 1530 | 1 |
| | | | | |
| | | | | |
| 40927 D | 9 | Drive Bevel Gear Bearing Cage Shim, Light | TDR 501 to 1530 | 4 |
| 40926 D | 10 | Drive Bevel Gear Bearing Cage Shim, Medium | TDR 501 to 1530 | 2 |

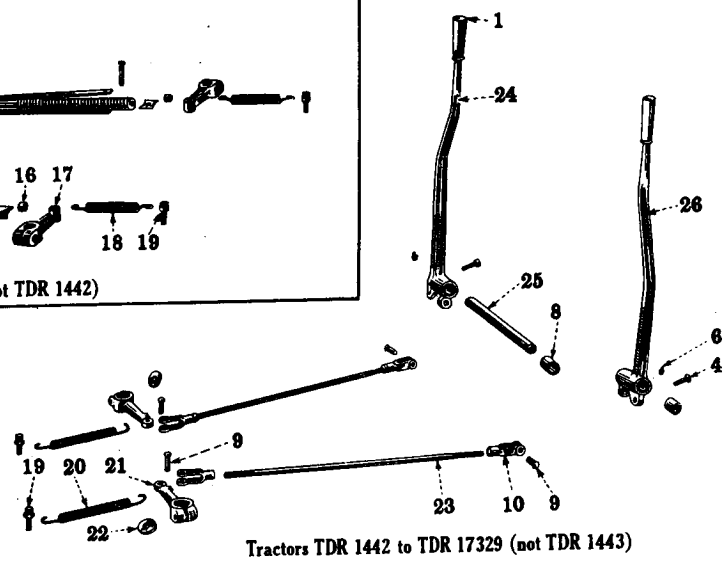
## FINAL DRIVE—DRIVE BEVEL GEAR

| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D |
|---|---|---|---|---|
| 40925 D | 11 | Drive Bevel Gear Bearing Cage Shim, Heavy | TDR 501 to 1530 | 2 |
| 42240 D | 12 | Drive Bevel Gear Ball Bearing (ND 3 L-30) (Order 54134 D) | TDR 501 to 1530 | 2 |
| 54134 D | 12A | Drive Bevel Gear Ball Bearing (ND 3 L- 30 A) (Will Work for 42240 D) | TDR 1531 up | 2 |
| 40934 D | 13 | Drive Bevel Gear Dowel Bolt (Order 46643 D with Lock, 46642 D) | TDR 501 to 722 | 8 |
| | | Cotter Pin, 1/8 X 1-1/4" | | 8 |
| 46643 D | 13 | Drive Bevel Gear Dowel Bolt | TDR 723 to 1530 | 8 |
| | | Hex Nut, 3/4" N.F. | | 8 |
| 46642 D | 14 | Drive Bevel Gear Nut Lock | TDR 723 to 1530 | 4 |
| 8531 D | 15 | Drive Bevel Gear Bearing Cage, L.H. | TDR 1531 up | 1 |
| 51238 D | 16 | Drive Bevel Gear Bearing Cage Gasket | TDR 1531 up | 2 |
| 54133 D | 17 | Drive Bevel Gear, 47 Teeth (Order 64633 D or 64634 D) (See "TRANSMISSION") | TDR 1531 to 1721 | 1 |
| 58374 D | 17 | Drive Bevel Gear, 47 Teeth (Order 64633 D) | TDR 1722 to 3584 | 1 |
| 58374 D | 17 | Drive Bevel Gear, 47 Teeth (Order 64618 D) (See "TRANSMISSION") | TDR 3585 up | |
| 8530 D | 18 | Drive Bevel Gear Hub | TDR 1531 up | 1 |
| 54128 D | 19 | Drive Bevel Gear Shim, Heavy | TDR 1531 up | 4 |
| 54129 D | 20 | Drive Bevel Gear Shim, Light | TDR 1531 up | X |
| 54130 D | 21 | Drive Bevel Gear Spacer | TDR 1531 up | 1 |
| 8532 D | 22 | Drive Bevel Gear Bearing Cage, R.H. | TDR 1531 up | 1 |
| 54132 DA | 23 | Drive Bevel Gear Bolt Nut Lock (Order 255454 R92) | TDR 1531 to 13000 | 2 |
| 54131 D | 24 | Drive Bevel Gear Dowel Bolt (Order 256801 R91) | TDR 1531 to 13000 | 4 |
| 255363 R1 | 24 | Drive Bevel Gear Dowel Bolt (Order 256801 R91) | TDR 13001 to 15519 | 4 |
| 256801 R91 | 24 | Drive Bevel Gear Dowel Bolt (Will Work for 255363 R1) | TDR 15520 up | 4 |
| 56625 D | | Steering Clutch Shaft Coupling Shim (.0598) | TDR 501 to 1530 | X |
| 56626 D | | Steering Clutch Shaft Coupling Shim (.0299) | TDR 501 to 1530 | X |
| 56627 D | | Steering Clutch Shaft Coupling Shim (.0149) | TDR 501 to 1530 | X |
| 255454 R92 | | Drive Bevel Gear Bolt Package with 4 Gear Bolts 256801 R91 (Will Work for 54131 D and 54132 DA). | TDR 1531 to 15519 | 1 |

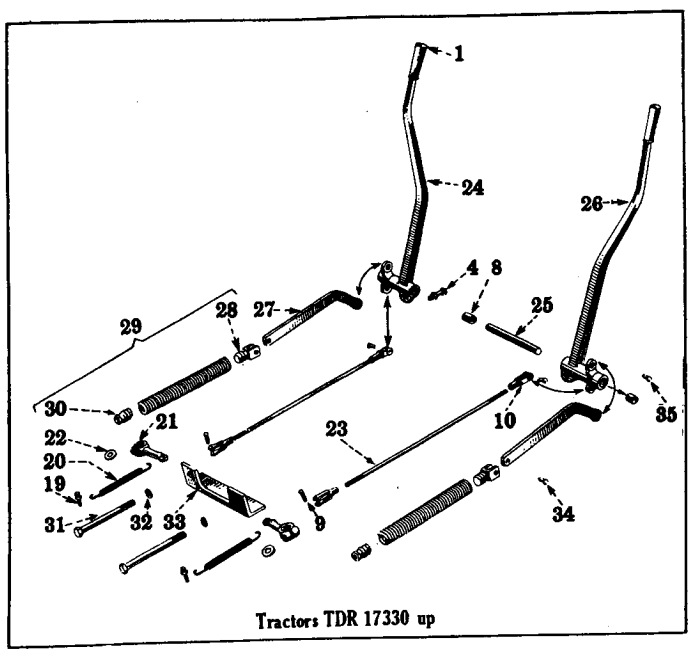
X - As Required




Tractors TDR 501 to TDR 1443 (not TDR 1442)




Tractors TDR 1442 to TDR 17329 (not TDR 1443)




Tractors TDR 17330 up

B-5164

## FINAL DRIVE—STEERING CLUTCH CONTROLS

*Reference numbers only are shown in illustration. Use I H C part numbers in ordering.*
*Unnumbered parts in the illustrations are the same as corresponding parts shown with numbers.*

## FINAL DRIVE—STEERING CLUTCH CONTROLS

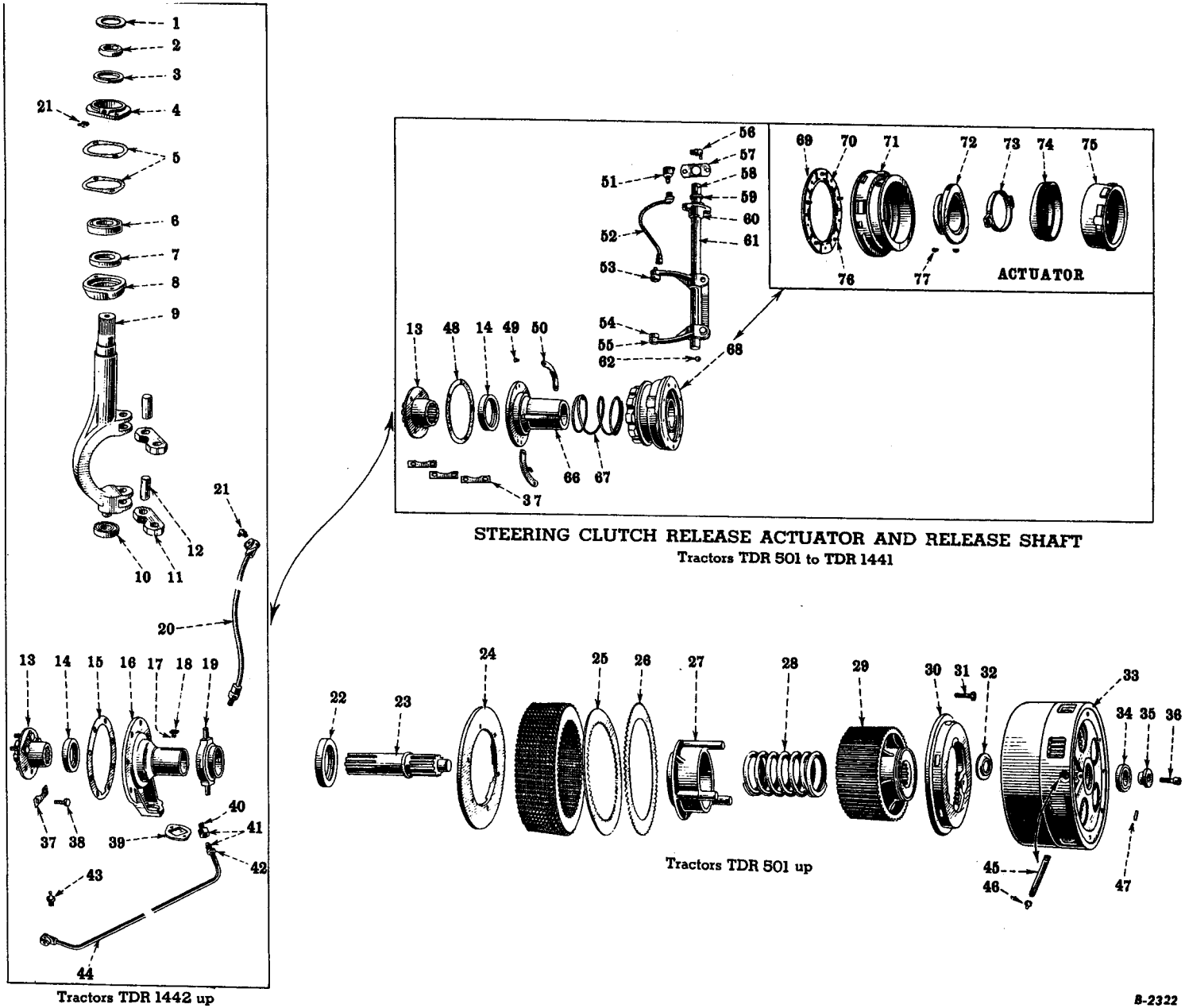
| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D |
|---|---|---|---|---|
| 41597 D | 1 | Steering Clutch Hand Lever Handle | | |
| | | (2 Required when 8683 DAX, 8684 DX are used) | | 2 |
| 5855 DX | 2 | Steering Clutch Lever, Complete (Order 6920 DX) | TDR 501 to TDR 1273 | 1 |
| 6920 DX | 2 | Steering Clutch Lever with Handle, 41597 D and 2 | | |
| | | Bushings, 42175 D (will work for 5855 DX) | TDR 1274 to TDR 1443, | |
| | | | Not 1442 | 2 |
| | | NOTE-- R.H. Side not L.H. Drive Control | | |
| 41762 D | 3 | Steering Clutch Hand Lever Shaft | TDR 501 to TDR 1443, | |
| | | | Not 1442 | 1 |
| | | Cap Screw, 1/2 x 2" N.C. Hex. Head | | 2 |
| | | Lockwasher, 1/2" | | 2 |
| | | Cotter Pin, 5/16 x 1-1/4" | | 2 |
| 46368 D | 4 | Steering Clutch Hand Lever Adjusting Screw | | 2 |
| | 5 | Hex. Jam Nut, 1/2" N.C. | | 2 |
| 55377 D | 4 | Steering Clutch Hand Lever Adjusting Screw (Used with Hand | | |
| | | Lever, 8683 DAX, 8684 DAX, 9641 DAX and 9642 DAX) | | 2 |
| | 5 | Hex Nut, 1/2" N.C. | | 2 |
| | | | | |
| Q 3615 | 6 | Steering Clutch Lever Lubricator (Straight) | | |
| | | (will work for Q 3621) | TDR 567 up | 1 |
| Q 3621 | 6 | Steering Clutch Lever Lubricator (67-1/2° Elbow) | | |
| | | (Order Q 3615) | TDR 501 to TDR 566 | 1 |
| 20332 D | 7 | Steering Clutch Lever Shaft Washer | TDR 501 to TDR 1443, | |
| | | | Not 1442 | 2 |
| 42175 D | 8 | Steering Clutch Lever Bushing | | 4 |
| 15041 H | 9 | Steering Clutch Operating Rod Yoke Pin | | 4 |
| 15041 H | 9 | Steering Clutch Operating Rod Yoke Pin | Below TDR 1442 | 2 |
| | | Cotter Pin, 3/32 x 3/4" | | 4 |
| 63228 D | 10 | Steering Clutch Operating Rod Yoke, L.H. Thread | TDR 3600 up | 2 |
| 63229 D | 10 | Steering Clutch Operating Rod Yoke, R.H. Thread | TDR 3600 up | 2 |
| 15033 H | 10 | Steering Clutch Operating Rod Yoke | TDR 501 to TDR 3599 | 4 |
| 15033 H | 10 | Steering Clutch Operating Rod Yoke | Below TDR 1442 | 2 |
| 41770 DX | 11 | Steering Clutch Operating Rod with Washer | TDR 501 to TDR 1045 | 2 |
| | | Hex. Nut, 1/2" N.F. | | 2 |
| | | Hex. Nut, 1/2" N.F. (Castellated) | | 2 |
| | | Cotter Pin, 3/32 x 3/4" | | 2 |
| 54242 DX | 11 | Steering Clutch Operating Rod with Washer | TDR 1046 to TDR 1443 | |
| | | | Not 1442 | 2 |
| | 16 | Hex. Nut, 1/2" N.F. | | 2 |
| | | Hex. Nut, 1/2" N.F. (Castellated) | | 2 |
| | | Cotter Pin, 3/32 x 3/4" | | 2 |
| | | | | |
| 41769 D | 12 | Steering Clutch Operating Rod Bumper Spring Strap | TDR 501 to TDR 1045 | 2 |
| 54240 D | 12 | Steering Clutch Operating Rod Bumper Spring Strap | TDR 1046 to TDR 1443 | |
| | | | Not 1442 | 2 |
| 41763 D | 13 | Steering Clutch Operating Rod Bumper Spring | TDR 501 to TDR 1045 | 2 |
| 54239 D | 13 | Steering Clutch Operating Rod Bumper Spring | TDR 1046 to TDR 1443 | |
| | | | Not 1442 | 2 |
| 41765 D | 14 | Steering Clutch Release Lever Pin | TDR 501 to TDR 1045 | 2 |
| 54243 D | 14 | Steering Clutch Release Lever Pin | TDR 1046 to TDR 1443 | |
| | | | Not 1442 | 2 |
| 41767 D | 15 | Steering Clutch Operating Rod Bumper Spring Guide | TDR 501 to TDR 1045 | 2 |
| 54241 D | 15 | Steering Clutch Operating Rod Bumper Spring Guide | TDR 1046 to TDR 1443 | |
| | | | Not 1442 | 2 |
| | 16 | Follows Reference No. 11 | | |
| | | | | |

| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D | |
|---|---|---|---|---|---|
| | | **FINAL DRIVE—STEERING CLUTCH CONTROLS—Continued** | | | |
| 5856 D | 17 | Steering Clutch Release Lever | TDR 501 to TDR 1045 | 2 | |
| | | Cap Screw, 1/2 x 2-1/2" N.F. Hex. Head | | 2 | |
| | | Hex. Nut, 1/2" N.C. | | 2 | |
| | | Lockwasher, 1/2" | | 2 | |
| 8548 D | 17 | Steering Clutch Release Lever | TDR 1046 to TDR 1443, | | |
| | | | Not 1442 | 2 | |
| | | Cap Screw, 1/2 x 2-1/2" N.F. Hex. Head | | 2 | |
| | | Hex. Nut, 1/2" N.C. | | 2 | |
| | | Lockwasher, 1/2" | | 2 | |
| 41764 DA | 18 | Steering Clutch Release Lever Return Spring | TDR 501 to TDR 1443 | | |
| | | | Not 1442 | 2 | |
| 41768 D | 19 | Steering Clutch Release Lever Return Spring Anchor | | 2 | |
| | | Lockwasher, 1/2" | | 2 | |
| 56004 D | 20 | Steering Clutch Release Lever Return Spring | | | |
| | | (Order 57288 D) | TDR 1442 to TDR 1525 | | |
| | | | Not 1443 | 2 | |
| 57288 D | 20 | Steering Clutch Release Lever Return Spring | | | |
| | | (Will Work for 56004 D) | TDR 1526 up | 2 | |
| 8679 DA | 21 | Steering Clutch Release Lever | TDR 1442 up, | | |
| | | | Not 1443 | 2 | |
| | | Cap Screw, 3/8 x 2-1/2" N.F. Hex. Head | | 2 | |
| | | Hex. Nut, 3/8" N.C. | | 2 | |
| | | Lockwasher, 3/8" | | 2 | |
| 45794 D | 22 | Steering Clutch Release Lever Retaining Washer | TDR 1442 up | | |
| | | | Not 1443 | 2 | |
| | | Cap Screw, 1/2 x 1-1/4" N.C. Hex. Head | | 2 | |
| | | Lockwasher, 1/2" | | 2 | |
| 56015 D | 23 | Steering Clutch Operating Rod (Order 63230 DY) | TDR 1442 to TDR 3599 | | |
| | | | Not 1443 | 2 | |
| 63230 DX | 23 | Steering Clutch Operating Rod with Steering Clutch | | | |
| | | Operating Rod Adjusting Nut | TDR 3600 up | 2 | |
| 63230 DY | 23 | Steering Clutch Operating Rod, with 1 - 63230 DX, | | | |
| | | 1 - 63228 D, 1 - 63229 D) | TDR 501 to TDR 3599 | 2 | |
| | | Hex. Nut, 1/2" N.C. | | 1 | |
| | | Hex. Nut, 1/2" N.C. (L.H. Thread) | | | |
| | | (Will Work for 56015 D) | | 1 | |
| 257617 R22 | 24 | Steering Clutch Hand Lever L.H. (Will Work for 8683 DAX | | | |
| | | and 9641 DAX) | TDR 17330 up | 1 | |
| 8683 DAX | 24 | Steering Clutch Hand Lever, L.H. (Order 257617 R22) | TDR 1442 to 17329 | | |
| | | | Not 1443 | 1 | |
| 9641 DAX | 24 | Steering Clutch Hand Lever, L.H. (Order 257617 R22) | TDR 1442 to 17329 | | |
| | | | Not 1443 | 1 | |

| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D |
|---|---|---|---|---|
| | | **FINAL DRIVE—STEERING CLUTCH CONTROLS—Continued** | | |
| 56012 D | 25 | STEERING CLUTCH HAND LEVER SHAFT | TDR 1442 UP | |
| | | | NOT 1443 | 1 |
| | | CAP SCREW, 5/16 x 2" N.C. HEX. HEAD | | 1 |
| | | LOCKWASHER, 5/16" | | 1 |
| 8684 DAX | 26 | STEERING CLUTCH HAND LEVER, R.H. (ORDER 257618 R22) | TDR 1442 TO 17329 | |
| | | | NOT 1443 | 1 |
| 257618 R22 | 26 | STEERING CLUTCH HAND LEVER, R.H. (WILL WORK FOR 8684 DAX | | |
| | | AND 9642 DAX) | TDR 17330 UP | 1 |
| 9642 DAX | 26 | STEERING CLUTCH HAND LEVER, R.H. 42175 D | | |
| | | (ORDER 257618 R22) | TDR 1442 TO 17329 | |
| | | | NOT 1443 | 1 |
| 257619 R1 | 27 | STEERING CLUTCH HAND LEVER BOOSTER SPRING LINK | TDR 17330 UP | 2 |
| 257622 R1 | 28 | STEERING CLUTCH HAND LEVER BOOSTER SPRING YOKE | TDR 17330 UP | 2 |
| 257621 R11 | 29 | STEERING CLUTCH HAND LEVER BOOSTER SPRING WITH YOKE, | | |
| | | 257622 R1 AND NUT, 257623 R1 | TDR 17330 UP | 2 |
| 257623 R1 | 30 | STEERING CLUTCH HAND LEVER BOOSTER SPRING ADJUSTING NUT | TDR 17330 UP | 2 |
| 257624 R1 | 31 | STEERING CLUTCH HAND LEVER BOOSTER SPRING ADJUSTING BOLT | TDR 17330 UP | 2 |
| 257625 R1 | 32 | STEERING CLUTCH HAND LEVER BOOSTER SPRING ADJUSTING BOLT | | |
| | | WASHER | TDR 17330 UP | 2 |
| 257626 R1 | 33 | STEERING CLUTCH HAND LEVER BOOSTER SPRING ANCHOR | TDR 17330 UP | 1 |
| | | CAP SCREW, 1/2" x 1-3/4" N.C. HEX HEAD | | 2 |
| 15041 H | 34 | STEERING CLUTCH HAND LEVER BOOSTER SPRING LINK PIN, REAR | TDR 17330 UP | 2 |
| | | COTTER PIN, 1/8" x 7/8" | | 2 |
| 257620 R1 | 35 | STEERING CLUTCH HAND LEVER BOOSTER SPRING LINK PIN, FRONT | TDR 17330 UP | 2 |
| | | COTTER PIN, 1/8" x 7/8" | | 2 |
| 8724 DX | | STEERING CLUTCH HAND LEVER, R.H. WITH HANDLE, 41597 D | | |
| | | AND 2 BUSHINGS, 42175 D (L.H. DRIVE CONTROL - SPECIAL) | TDR 501 TO TDR 1443, | |
| | | | NOT 1442 | 1 |

## FINAL DRIVE—STEERING CLUTCH CONTROLS—Continued

| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D |
|---|---|---|---|---|
| 56012 D | 25 | STEERING CLUTCH HAND LEVER SHAFT | TDR 1442 UP | |
| | | | NOT 1443 | 1 |
| | | CAP SCREW, 5/16 x 2" N.C. HEX. HEAD | | 1 |
| | | LOCKWASHER, 5/16" | | 1 |
| 8684 DAX | 26 | STEERING CLUTCH HAND LEVER, R.H. (ORDER 257618 R22) | TDR 1442 TO 17329 | |
| | | | NOT 1443 | 1 |
| 257618 R22 | 26 | STEERING CLUTCH HAND LEVER, R.H. (WILL WORK FOR 8684 DAX | | |
| | | AND 9642 DAX) | TDR 17330 UP | 1 |
| 9642 DAX | 26 | STEERING CLUTCH HAND LEVER, R.H. 42175 D | | |
| | | (ORDER 257618 R22) | TDR 1442 TO 17329 | |
| | | | NOT 1443 | 1 |
| 257619 R1 | 27 | STEERING CLUTCH HAND LEVER BOOSTER SPRING LINK | TDR 17330 UP | 2 |
| 257622 R1 | 28 | STEERING CLUTCH HAND LEVER BOOSTER SPRING YOKE | TDR 17330 UP | 2 |
| 257621 R11 | 29 | STEERING CLUTCH HAND LEVER BOOSTER SPRING WITH YOKE, | | |
| | | 257622 R1 AND NUT, 257623 R1 | TDR 17330 UP | 2 |
| 257623 R1 | 30 | STEERING CLUTCH HAND LEVER BOOSTER SPRING ADJUSTING NUT | TDR 17330 UP | 2 |
| 257624 R1 | 31 | STEERING CLUTCH HAND LEVER BOOSTER SPRING ADJUSTING BOLT | TDR 17330 UP | 2 |
| 257625 R1 | 32 | STEERING CLUTCH HAND LEVER BOOSTER SPRING ADJUSTING BOLT | | |
| | | WASHER | TDR 17330 UP | 2 |
| 257626 R1 | 33 | STEERING CLUTCH HAND LEVER BOOSTER SPRING ANCHOR | TDR 17330 UP | 1 |
| | | CAP SCREW, 1/2" x 1-3/4" N.C. HEX HEAD | | 2 |
| 15041 H | 34 | STEERING CLUTCH HAND LEVER BOOSTER SPRING LINK PIN, REAR | TDR 17330 UP | 2 |
| | | COTTER PIN, 1/8" x 7/8" | | 2 |
| 257620 R1 | 35 | STEERING CLUTCH HAND LEVER BOOSTER SPRING LINK PIN, FRONT | TDR 17330 UP | 2 |
| | | COTTER PIN, 1/8" x 7/8" | | 2 |
| 8724 DX | | STEERING CLUTCH HAND LEVER, R.H. WITH HANDLE, 41597 D | | |
| | | AND 2 BUSHINGS, 42175 D (L.H. DRIVE CONTROL - SPECIAL) | TDR 501 TO TDR 1443, | |
| | | | NOT 1442 | 1 |



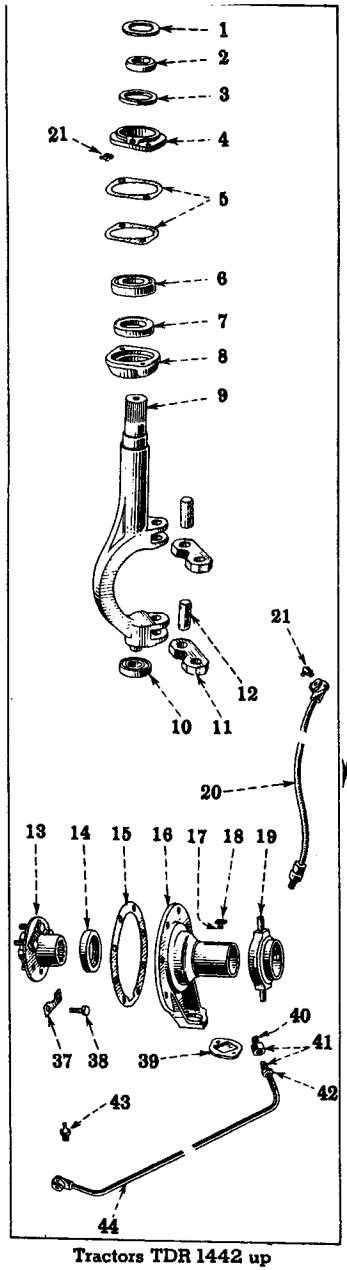

## STEERING CLUTCH RELEASE ACTUATOR AND RELEASE SHAFT

Tractors TDR 501 to TDR 1441

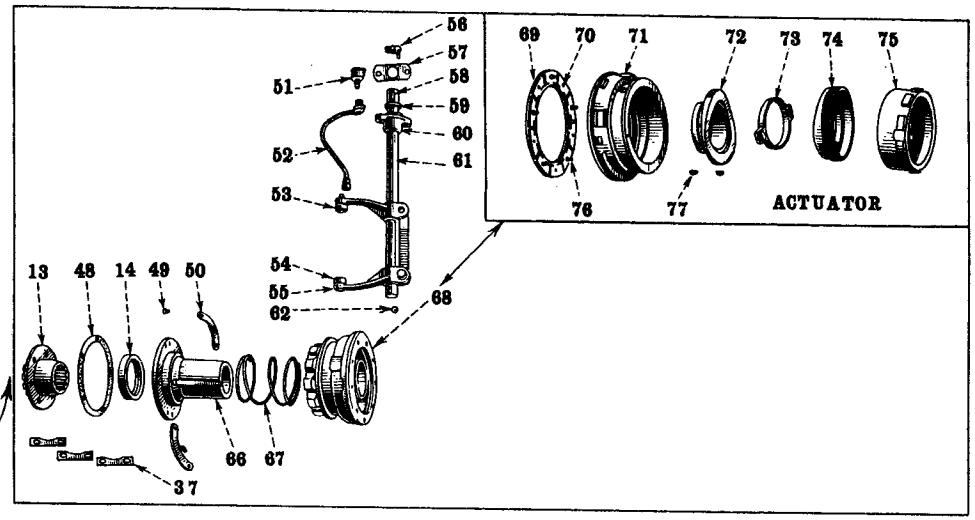
## STEERING CLUTCH AND RELEASE MECHANISM

*Reference numbers only are shown in illustration. Use I H C part numbers in ordering.*

*Unnumbered parts in the illustrations are the same as corresponding parts shown with numbers.*

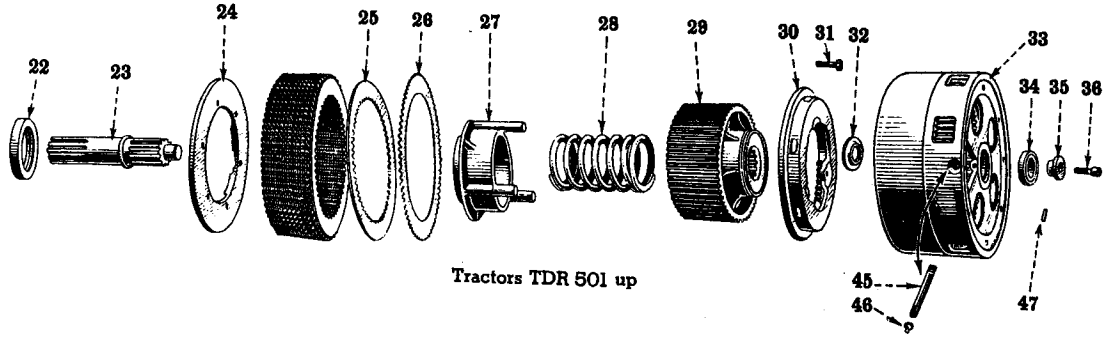



Tractors TDR 1442 up




STEERING CLUTCH RELEASE ACTUATOR AND RELEASE SHAFT

Tractors TDR 501 to TDR 1441




Tractors TDR 501 up

B-2322

## STEERING CLUTCH AND RELEASE MECHANISM

*Reference numbers only are shown in illustration. Use I H C part numbers in ordering.*

*Unnumbered parts in the illustrations are the same as corresponding parts shown with numbers.*

| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D |
|---|---|---|---|---|
| | | **FINAL DRIVE—STEERING CLUTCH RELEASE SHAFT AND MECHANISM** | | |
| 40891 D | | Steering Clutch, Complete (Order 51762 DA) | TDR 501 to TDR 800 | 2 |
| 40891 DD | | Steering Clutch, Complete | TDR 801 up | 2 |
| 51762 DA | | Steering Clutch, Complete, 40891 DD with Pressure | | |
| | | Plate, 51612 DXA (will work for 40891 D) | TDR 501 to TDR 800 | 2 |
| 59009 DB | | Steering Clutch, Complete (Special) (with Bi-Metalic | | |
| | | Friction Disc) (will work for 40891 DD) | | 2 |
| 56017 D | 1 | Steering Clutch Release Fork Upper Bearing Felt Retainer | TDR 1442 up | 2 |
| 56010 D | 2 | Steering Clutch Release Lever Spacer | TDR 1442 up | 2 |
| 56008 D | 3 | Steering Clutch Release Fork Upper Bearing Felt | TDR 1442 up | 2 |
| 8680 DX | 4 | Steering Clutch Release Fork Upper Bearing Retainer with | | |
| | | Lubricator, Q 3615 and Slotted Headless 1/8" Pipe Plug | TDR 1442 up | 2 |
| | | Cap Screw, 7/16 x 1-1/2" N.C. Hex. Head | | 4 |
| | | Lockwasher, 7/16" | | 4 |
| 56009 D | 5 | Steering Clutch Release Fork Upper Bearing Cage Gasket | TDR 1442 up | 2 |
| 20308 D | 6 | Steering Clutch Release Fork Upper Ball Bearing | | |
| | | (ND 3207) (ST 205 will work) | TDR 1442 up | 2 |
| ST 205 A | 6 | Steering Clutch Release Fork Upper Ball Bearing | | |
| | | (will work for 20308 D) | TDR 1442 up | 2 |
| 21969 D | 7 | Steering Clutch Release Fork Upper Bearing Oil Seal | TDR 1442 up | 2 |
| 8682 DX | 8 | Steering Clutch Release Fork Upper Bearing Cage with | | |
| | | Oil Seal, 21969 D | TDR 1442 up | 2 |
| 57099 D | 9 | Steering Clutch Release Fork | TDR 1442 up | 2 |
| M 89541 | 10 | Steering Clutch Release Fork Lower Ball Bearing (ND 8505) | TDR 1442 up | 2 |
| 56005 D | 11 | Steering Clutch Release Collar Shifter Link | TDR 1442 up | 4 |
| 56007 D | 12 | Steering Clutch Release Collar Shifter Link Pin | TDR 1442 up | 4 |
| | | Cotter Pin, 1/8 x 1-1/4" | | 8 |
| 251625 R11 | 13 | Steering Clutch Shaft Coupling (used with Field Change | | |
| | | Package 257049 R91) | TDR up | 2 |
| 40890 D | 13 | Steering Clutch Shaft Coupling | TDR 776 to 22000 | 2 |
| | | Cap Screw, 1/2 x 1 1/8" N.F. Hex Head | | 4 |
| 40890 D | 13 | Steering Clutch Shaft Coupling, 12 Teeth | | 2 |
| | | Cap Screw, 1/2 x 1-1/8" N.F. Hex. Head | | |
| | | (Order 50865 D) | TDR 538 to TDR 775 | 12 |
| 40880 D | 14 | Steering Clutch Shaft Coupling Oil Seal | | |
| | | (will work for 53013 D) | | 2 |
| 53013 D | 14 | Steering Clutch Shaft Coupling Oil Seal (Order 40880 D) | TDR 1008 to TDR 1184 | 2 |
| 40929 D | 15 | Drive Bevel Gear Bearing Cage Cap Gasket | TDR 1442 up | 2 |
| 8742 DAX | 16 | Drive Bevel Gear Bearing Cage Cap, L.H. with Oil | | |
| | | Seal, 40880 D | TDR 1442 up | 1 |
| | | Cap Screw, 5/8 x 1-3/4" N.C. Hex. Head | | 6 |
| | | Hex. Nut, 5/8" N.F. | | 2 |
| | | Lockwasher, 5/8" | | 8 |
| 8743 DAX | 16 | Drive Bevel Gear Bearing Cage Cap, R.H. with Oil | | |
| | | Seal, 40880 D | TDR 1442 up | 1 |
| | | Cap Screw, 5/8 x 1-3/4" N.C. Hex. Head | | 6 |
| | | Hex Nut, 5/8" N.C. | | 2 |
| | | Lockwasher, 5/8" | | 8 |

| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D | |
|---|---|---|---|---|---|
| | | **FINAL DRIVE—STEERING CLUTCH RELEASE SHAFT AND MECHANISM —Continued** | | | |
| 56006 D | 17 | Steering Clutch Release Collar Key Pin | TDR 1442 up | 2 | |
| 56013 DX | 18 | Steering Clutch Release Collar Key with Pin, 56006 D | TDR 1442 up | 2 | |
| 56018 D | 19 | Steering Clutch Release Collar | TDR 1442 up | 2 | |
| 57103 DX | 20 | Steering Clutch Release Bearing Grease Tube, Complete | TDR 1442 up | 2 | |
| | | Machine Bolt, 1/4 x 3/4" N.C. | | 4 | |
| | | Hex. Nut, 1/4" N.C. | | 4 | |
| | | Lockwasher, 1/4" | | 4 | |
| | | | | | |
| Q 3615 | 21 | Steering Clutch Release Fork Upper Bearing Lubricator, R.H. | TDR 1442 to 6789 | 1 | |
| Q 3621 | 21 | Steering Clutch Release Fork Upper Bearing Lubricator, L.H. | TDR 1442 to 6789 | 1 | |
| Q 3615 | 21 | Steering Clutch Release Fork Upper Bearing Lubricator | TDR 6790 | 2 | |
| | | | | | |
| 40881 DA | 22 | Steering Clutch Release Thrust Bearing (Fafnir ) | | | |
| | | (Order 53233 D) | | 2 | |
| 53233 DA | 22 | Steering Clutch Release Thrust Bearing (Aetna) | | | |
| | | (Will Work for 40881 DA) | | 2 | |
| | | | | | |
| 40877 D | 23 | Steering Clutch Shaft (Order 50391 D) | TDR 501 to TDR 865 | 2 | |
| 40877 DB | 23 | Steering Clutch Shaft | TDR 866 to 22000 | 2 | |
| 50391 D | 23 | Steering Clutch Shaft, Complete (Will Work for 40877 D) | TDR 501 to TDR 865 | 1 | |
| 251624 R11 | 23 | Steering Clutch Shaft (Used with Field Change | | | |
| | | Package, 257049 R91) | TDR up | 2 | |
| | | | | | |
| | | | | | |
| 5715 D | 24 | Steering Clutch Hub Plate | | 2 | |
| | | Cap Screw, 1/2 x 1-1/4" N.C. Hex. Head | | 12 | |
| | | Lockwasher, 1/2" | | 12 | |
| 40883 DB | 25 | Steering Clutch Friction Disc, 58 Teeth (Raybestos) | | 36 | |
| 40882 D | 26 | Steering Clutch Driving Disc, 77 Teeth (Steel) | | 34 | |
| | | | | | |
| 5712 D | 27 | Steering Clutch Pressure Spring Retainer | | | |
| | | (Order 51761 D) | TDR 501 to TDR 800 | 2 | |
| 5712 DA | 27 | Steering Clutch Pressure Spring Retainer | | | |
| | | (Order 55617 D) | TDR 801 to TDR 1414 | 2 | |
| 5712 DB | 27 | Steering Clutch Pressure Spring Retainer | TDR 1415 up | 2 | |
| 51761 D | 27 | Steering Clutch Pressure Spring Retainer, 5712 DB with | | | |
| | | Pressure Plate, 43587 DA (Will Work for 5712 D) | TDR 501 to TDR 800 | 2 | |
| 40879 D | 28 | Steering Clutch Pressure Spring (Order 54277 D) | TDR 501 to TDR 1045 | 2 | |
| 54238 DA | 28 | Steering Clutch Pressure Spring | TDR 1046 to 6756 | 2 | |
| 54277 D | 28 | Steering Clutch Pressure Spring Replacement Package | | | |
| | | (Will Work for 40879 D) | TDR 501 to TDR 1045 | 1 | |
| 68462 D | 28 | Steering Clutch Pressure Spring | TDR 6757 up | 1 | |
| | | | | | |
| 5713 DC | 29 | Steering Clutch Hub (Order 68463 D) | TDR 501 to 6756 | 2 | |
| 9717 D | 29 | Steering Clutch Hub | TDR 6757 up | 2 | |
| 68463 D | 29 | Steering Clutch Hub and Spring Package | | | |
| | | (Hub 9717 D and Spring 68462 D) (Will Work for 5713 DC) | TDR 501 to 6756 | 1 | |
| | | | | | |
| 5711 D | 30 | Steering Clutch Pressure Plate, 58 Teeth | | | |
| | | (Order 55617 D) | TDR 501 to TDR 1486 | 2 | |
| | | Cap Screw, 1/2 x 1-1/4" N.F. Hex. Head | | 6 | |
| | | Lockwasher, 1/2" | | 6 | |
| 5711 DC | 30 | Steering Clutch Pressure Plate | TDR 1487 up | 2 | |
| 54968 D | 31 | Steering Clutch Pressure Plate Dowel Bolt | TDR 1415 up | 6 | |
| | | Lockwasher, 1/2" | | 6 | |
| 53742 DA | 32 | Steering Clutch Pilot Bearing Spacer | TDR 1112 up | 2 | |
| 5714 D | 33 | Steering Clutch Drum (Order 5714 DDX) | TDR 501 to TDR 748 | 2 | |

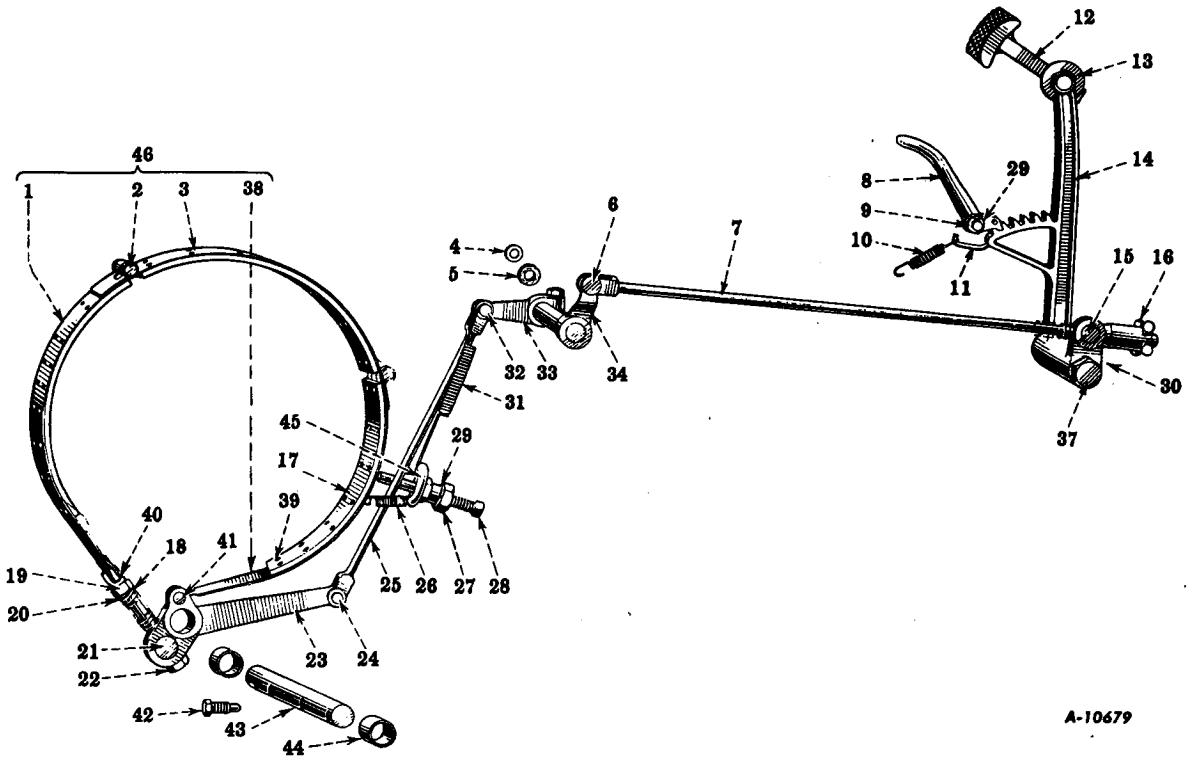
| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D |
|---|---|---|---|---|
| | | **FINAL DRIVE—STEERING CLUTCH RELEASE SHAFT AND MECHANISM—Continued** | | |
| 5714 DA | 33 | Steering Clutch Drum (Order 5714 DDX) | TDR 749 to TDR 1016 | 2 |
| 5714 DB | 33 | Steering Clutch Drum (Order 5714 DDX) | TDR 1017 to TDR 1111 | 2 |
| 5714 DD | 33 | Steering Clutch Drum | TDR 1112 up | 2 |
| | | Cap Screw, 5/8 x 1-1/4" N.F. Hex. Head | | 16 |
| | | Lockwasher, 5/8" | | 16 |
| 5714 DDX | 33 | Steering Clutch Drum, Complete | | |
| | | (Will work for 5714 D, 5714 DA and 5714 DB) | TDR 501 to TDR 1111 | 2 |
| 42310 D | 34 | Steering Clutch Pilot Ball Bearing (N.D. 7508 A) | TDR 501 to TDR 1111 | 2 |
| 53389 D | 34 | Steering Clutch Pilot Ball Bearing (ND 48508) | | |
| | | (ST 333 Will Work) | TDR 1112 up | 2 |
| ST 333 | 34 | Steering Clutch Pilot Bearing (Will Work for 53389 D) | TDR 1112 up | 2 |
| 42284 D | 35 | Steering Clutch Pilot Retainer Ring | TDR 501 to 865 | 2 |
| 50098 DA | 35 | Steering Clutch Pilot Bearing Retainer | TDR 866 to TDR 1521 | 2 |
| 50098 DAX | 35 | Steering Clutch Pilot Bearing Retainer with | | |
| | | Pin, 57750 D | TDR 1522 up | 2 |
| 50099 D | 36 | Steering Clutch Pilot Bearing Retainer Bolt | TDR 866 up | 2 |
| | | Lockwasher, 1/2" | | 2 |
| 251626 R1 | 37 | Steering Clutch Shaft Coupling Retainer (used with Field | | |
| | | Change Package, 257049 R91) | TDR up | 6 |
| 48178 DA | 37 | Steering Clutch Shaft Coupling Bolt Lock | TDR 538 to 22000 | 6 |
| 50822 D | 38 | Steering Clutch Shaft Coupling Bolt | TDR 776 to 22000 | 12 |
| 221813 | 38 | Self Locking Bolt (used with Field Change | | |
| | | Package, 257049 R91) | TDR up | 12 |
| | | | | |
| 57102 D | 39 | Steering Clutch Release Fork Lower Bearing Cap | TDR 1442 up | 2 |
| | | Slotted Bolt, 5/16 x 1-1/8" N.C. Flat Head | | 4 |
| | | Hex. Nut, 5/16" N.C. | | 4 |
| | | Lockwasher, 5/16" | | 4 |
| 29899 D | 40 | Steering Clutch Release Fork Lower Bearing Grease Tube | | |
| | | Connector Nut | TDR 1442 up | 2 |
| 35252 DX | 41 | Steering Clutch Release Fork Lower Bearing Grease Tube | | |
| | | Connector, 35252 D with Nut, 29899 D | TDR 1442 up | 2 |
| 35252 D | 42 | Steering Clutch Release Fork Lower Bearing Grease Tube | | |
| | | Connector | TDR 1442 up | 2 |
| Q 3617 | 43 | Steering Clutch Release Bearing Lubricator | TDR 1442 up | 2 |
| 57101 DX | 44 | Steering Clutch Release Fork Lower Bearing Grease Tube, | | |
| | | Complete | TDR 1442 up | 2 |
| | | Machine Bolt, 1/4 x 3/4" N.C. | | 4 |
| | | Hex. Nut, 1/4" N.C. | | 4 |
| | | Lockwasher, 1/4" | | 4 |
| 40889 D | 45 | Steering Clutch Pilot Bearing Lubricator Pipe | | |
| | | (Order 40889 DAX) | TDR 501 to TDR 748 | 2 |
| 40889 DA | 45 | Steering Clutch Pilot Bearing Lubricator Pipe | TDR 749 to TDR 1111 | 2 |
| 40889 DAX | 45 | Steering Clutch Pilot Bearing Lubricator Pipe with | | |
| | | Lubricator, Q 3618 (will work for 40889 D) | TDR 501 to TDR 748 | 2 |
| 54652 D | 45 | Steering Clutch Pilot Bearing Lubricator Pipe | TDR 1112 up | 2 |
| Q 3618 | 46 | Steering Clutch Pilot Bearing Lubricator | TDR 749 up | 2 |
| Q 3789 | 46 | Steering Clutch Pilot Bearing Lubricator | TDR 501 to TDR 748 | 2 |
| 57750 D | 47 | Steering Clutch Pilot Bearing Retainer Pin | TDR 1522 to 22000 | 2 |
| 256 790 R91 | 47 | Steering Clutch Pilot Bearing Retainer Nut (used with Field | | |
| | | Change Package, 257049 R91) | TDR up | 2 |
| 42245 D | 48 | Steering Clutch Release Actuator Gasket | TDR 501 to TDR 1441 | 2 |
| 47237 D | 49 | Actuator Carrier Sleeve Locating Pin | TDR 501 to TDR 1441 | 2 |
| 42956 DX | 50 | Steering Clutch Release Actuator Adjuster Lock with | | |
| | | Clip (Order 48910 D) | TDR 501 to TDR 524 | 2 |
| | | Cap Screw, 3/8 x 1" N.C. Hex. Head | | 4 |
| | | Lockwasher, 3/8" | | 4 |

## FINAL DRIVE—STEERING CLUTCH RELEASE SHAFT AND MECHANISM—Continued

| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D |
|---|---|---|---|---|
| 48910 D | 50 | Steering Clutch Release Actuator Adjuster Lock | | |
| | | (Will work for 42956 DX) | TDR 525 to TDR 1441 | 2 |
| | | Cap Screw, 3/8 x 1" N.C. Hex. Head | | 4 |
| | | Lockwasher, 3/8" | | 4 |
| 48915 D | 51 | Steering Clutch Actuator Oil Cup | | |
| | | (Will work for 41740 D) | TDR 525 to TDR 1441 | 2 |
| 41709 DXA | 52 | Steering Clutch Actuator Oil Tube, Complete | TDR 501 to TDR 936 | 2 |
| | | Hex. Jam Nut, 3/4" N.F. | | 2 |
| | | | | |
| 41735 D | 53 | Steering Clutch Shifter Fork Roller, Complete, Upper | TDR 501 to TDR 1441 | 2 |
| 41736 D | 54 | Steering Clutch Shifter Fork Roller, Complete, Lower | TDR 501 to TDR 1441 | 2 |
| 5850 DAX | 55 | Steering Clutch Shifter Fork, R.H. with Rollers, | | |
| | | Complete, 41735 D and 41736 D | TDR 501 to TDR 1441 | 1 |
| | | Cap Screw, 1/2 x 2" N.C. Hex. Head | | 2 |
| | | Lockwasher, 1/2" | | 2 |
| | | | | |
| Q 3626 | 56 | Steering Clutch Release Shaft Lubricator | TDR 501 to TDR 1441 | 2 |
| 42002 D | 57 | Steering Clutch Release Shaft Bearing Felt Retainer | TDR 501 to TDR 1441 | 2 |
| | | Cap Screw. 7/16 x 1" N.C. Hex. Head | | 4 |
| | | Lockwasher, 7/16" | | 4 |
| 10430 V | 58 | Steering Clutch Release Shaft Key (Woodruff No. 18) | TDR 501 to TDR 1441 | 6 |
| 5849 DAX | 59 | Steering Clutch Shifter Fork, L.H. with Rollers, | | |
| | | Complete, 41735 D and 41736 D | TDR 501 to TDR 1441 | 1 |
| | | Cap Screw, 1/2 x 2" N.C. Hex. Head | | 2 |
| | | Lockwasher, 1/2" | | 2 |
| 42001 D | 59 | Steering Clutch Release Shaft Bearing Felt Washer | TDR 501 to TDR 1441 | 2 |
| 5896 D | 60 | Steering Clutch Release Shaft Bearing | TDR 501 to TDR 1441 | 2 |
| 41722 DB | 61 | Steering Clutch Release Shaft, L.H. | TDR 501 to TDR 1441 | 1 |
| 41723 DB | 61 | Steering Clutch Release Shaft, R.H. | TDR 501 to TDR 1441 | 1 |
| 29366 H | 62 | Steering Clutch Release Shaft Thrust Ball | TDR 501 to TDR 1441 | 2 |
| 40886 DA | 63 | Steering Clutch Shaft Spacer | TDR 501 to TDR 1111 | 2 |
| | | | | |
| | | | | |
| 42934 DAX | 66 | Steering Clutch Release Actuator Carrier Sleeve with | | |
| | | Oil Seal, 40880 D and Pin, 47237 D | TDR 501 to TDR 1441 | 2 |
| 42933 DA | 67 | Steering Clutch Release Actuator Pack-up Spring | TDR 501 to TDR 1441 | 2 |
| 41708 DC | 68 | Steering Clutch Release Actuator, Complete | TDR 501 to TDR 1441 | 2 |
| | | Cap Screw, 3/8 x 7/8" N.C. Hex. Head | | 6 |
| | | Lockwasher, 3/8" | | 6 |
| | | | | |
| | | | | |
| 43588 DA | 69 | Actuator Cushion Plate with Facing, Complete | | |
| | | (Eaton 21892) | TDR 501 to TDR 1441 | 2 |
| 43590 DA | 69 | Actuator Cushion Plate Facing (Eaton 21891) | TDR 501 to TDR 1441 | 2 |
| 43593 D | 70 | Actuator Cushion Plate Facing Rivet (Eaton 19637) | TDR 501 to TDR 1441 | 10 |
| 43587 DA | 71 | Actuator Pressure Plate (Eaton 2087) (Order 51612 DXA) | TDR 501 to TDR 1317 | 2 |
| 51612 DXA | 71 | Actuator Pressure Plate with Oil Retainer and Plate | | |
| | | (Eaton 21810) (Will work for 43587 DA) | TDR 1318 to TDR 1441 | 2 |
| | | | | |
| 43585 DX | 72 | Actuator Front Cam with Plug (Eaton 19628) | TDR 501 to TDR 1441 | 2 |
| 43594 DX | 73 | Actuator Roller Spider, Complete (Eaton 19638) | TDR 501 to TDR 1441 | 2 |
| 43598 D | 74 | Actuator Rear Cam (Eaton 19643) | TDR 501 to TDR 1441 | 2 |
| 43599 DA | 75 | Actuator Cam Adjusting Sleeve (Eaton 20857) | TDR 501 to TDR 1441 | 2 |
| 43591 D | 76 | Actuator Drive Pin (Eaton 19635) | TDR 501 to TDR 1441 | 10 |
| 43592 D | 76 | Actuator Drive Pin Washer (Eaton 19636) | TDR 501 to TDR 1441 | 10 |
| 39063 D | 77 | Actuator Front Cam Key (Woodruff No. 9) | TDR 501 to TDR 1441 | 4 |

| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D |
|---|---|---|---|---|
| | | **FINAL DRIVE—STEERING CLUTCH RELEASE SHAFT AND MECHANISM—Continued** | | |
| 41465 D | | Steering Clutch Shaft Coupling Cap Screw, | | |
| | | 1/2 x 1-1/8" N.F. (Order 50865 D) | TDR 501 to TDR 537 | 2 |
| | | Lockwire, No. 12 Gauge x 19" | | 2 |
| 41740 D | | Steering Clutch Actuator Oil Cup (Order 48915 D) | TDR 501 to TDR 524 | 2 |
| 42957 D | | Steering Clutch Release Actuator Adjuster Lock Anchor | TDR 501 to TDR 524 | 4 |
| 46031 D | | Steering Clutch Actuator Oil Cup Felt | TDR 501 to TDR 524 | 2 |
| 48920 D | | Field Change Package (2 Locks, 48910 D, 2 Oil Cups, | | |
| | | 48915 D, 4 Cap Screws, 3/8 x 1" and Lockwashers) | | |
| | | (Will work for 41740 D and 42956 DX) | TDR 501 to TDR 524 | 1 |
| 50281 D | | Steering Clutch Actuator Oil Tube, Complete | TDR 927 to TDR 1441 | 2 |
| | | Machine Bolt, 1/4 x 3/4" N.C. | | 4 |
| | | Hex. Nut, 1/4" N.C. | | 4 |
| | | Lockwasher, 1/4" | | 4 |
| 50865 D | | Steering Clutch Shaft Coupling Bolt Service Package | | |
| | | (12 Bolts, 50822 D and 6-Bolt Locks, 48178 D) | | |
| | | (Will work for 41465 D and Cap Screws, 1/2 x 1-1/8") | TDR 501 to TDR 775 | 1 |
| 52439 DB | | Steering Clutch and Actuator Field Change Service Package | TDR 501 to TDR 784 | 1 |
| 54264 D | | Steering Clutch Actuator, Pressure Spring and Steering | | |
| | | Clutch Control Field Change Service Package | TDR 785 to TDR 1045 | 1 |
| 55617 D | | Steering Clutch Pressure Plate, 5711 DA with Retainer, | | |
| | | 5712 DB and 3 Dowel Bolts, 54968 D | | |
| | | (Will Work for 5711 D and 5712 DA) | TDR 501 to TDR 1486 | 1 |
| 56009 D | | Steering Clutch Release Fork Upper Bearing | | |
| | | Retainer Gasket | TDR 1442 up | 2 |
| 57776 D | | Manual Steering Clutch Controls Attachment (for Details | | |
| | | see Attachment Section) (See Note No. 2) | | 1 |
| 58957 D | | Steering Clutch (Bi-Metallic) Friction Disc, 58 Teeth | | |
| | | (Special) | | 40 |
| 61903 D | | Steering Clutch (Bi-Metallic) Friction Disc Attachment | | |
| | | (Special) (Consists of 4 - 40882 D and 40 - 58957 D) | | 1 |
| 67650 D | | Connecting Nut | TDR 13001 up | 2 |
| 67651 D | | Connecting Nut Sleeve | TDR 13001 up | 2 |
| Q 3617 | | Steering Clutch Release Fork Lower Bearing Lubricator | TDR 1442 up | 2 |
| 1/8" | | Slotted Headless Pipe Plug (Used with 8680 DX) | TDR 1442 up | 1 |
| 1/8" | | Steering Clutch Release Collar Close Nipple | TDR 1442 up | 2 |
| 257049 R91 | | Steering Clutch Field Change Package (See Details of | | |
| | | assembly for List of Parts) | TDR 501 to 22000 | 1 |

**Note No. 1—Order Machine Attachments through same channels as complete machine is ordered.**
**Note No. 2—Order attachments (not marked Machine Attachments) through regular service parts channel.**




*Reference numbers only are shown in illustration. Use I H C part numbers in ordering.*
*Unnumbered parts in the illustrations are the same as corresponding parts shown with numbers.*

## FINAL DRIVE—STEERING BRAKES AND CONTROLS

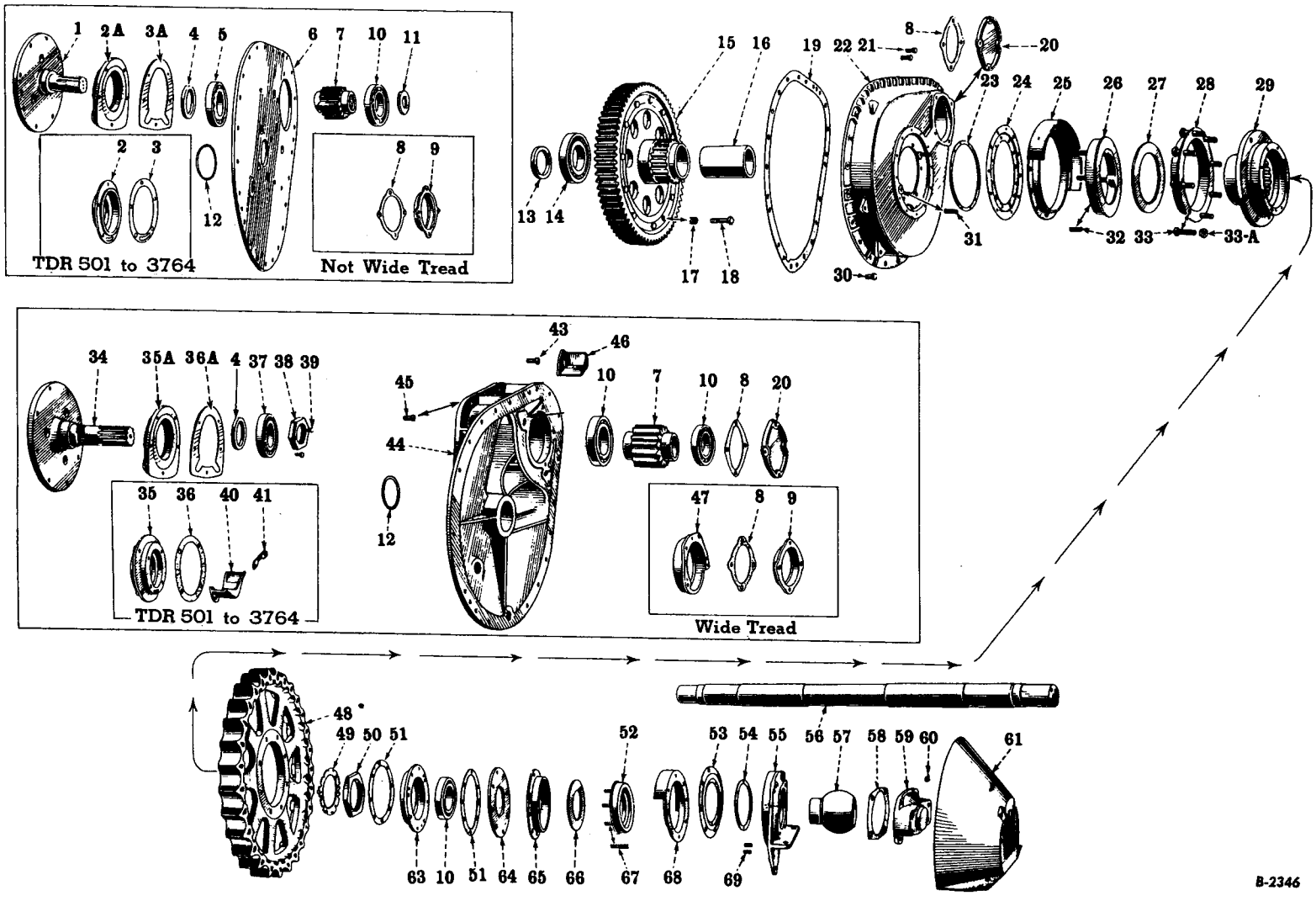
| | | | | |
|---|---|---|---|---|
| 41479 DX | 1 | Steering Brake Band, Rear, Complete (Order 60262 D) | TDR 501 to TDR 2175* | 2 |
| | | Rivet, 1/4 x 3/8" Round Head - Through Collar | | |
| | | (Order 60262 D) | | 8 |
| 60258 DXA | 1 | Steering Brake Band, Rear with Woven Lining, Complete | | |
| | | (Order 60260 D or 68644 D) | TDR 2176 to 13000 | 2 |
| 41484 DA | 2 | Steering Brake Band Joint Pin (Order 60262 D) | TDR 501 to TDR 2175* | 4 |
| | | Cotter Pin, 1/8 x 1" | | 4 |
| 60259 D | 2 | Steering Brake Band Joint Pin | TDR 2176 up Δ | 4 |
| | | Cotter Pin, 1/8 x 1-1/4" | | 4 |
| 41478 DX | 3 | Steering Brake Band, Center, Complete (Order 60262 D) | TDR 501 to TDR 2175* | 2 |
| 60257 DXA | 3 | Steering Brake Band, Center with Woven Lining, Complete | | |
| | | (Order 60260 D or 68644 D) | TDR 2176 to 13000 | 2 |
| | | | | |
| 20841 D | 4 | Steering Brake Inner Lever Key | | 2 |
| 41519 D | 5 | Steering Brake Outer Lever Dirt Seal | | 2 |
| 15041 H | 6 | Steering Brake Inner Rod End Pin, Lower | | 2 |
| 41512 DA | 7 | Steering Brake Rod, Outer with End | | 2 |
| | | | | |
| 5818 D | 8 | Steering Brake Pedal Ratchet Pawl | | 2 |
| 41523 D | 9 | Steering Brake Pedal Ratchet Pawl Stud | | 2 |
| | | Cotter Pin, 1/8 x 7/8" | | 2 |
| | | Lockwasher, 1/2" | | 2 |
| 41935 D | 10 | Steering Brake Pedal Ratchet Pawl Spring | | 2 |
| | | Cap Screw, 5/16 x 3/4" N.C. Hex. Head | | 2 |
| | | Hex. Jam Nut, 5/16" N.C. | | 2 |
| 41521 D | 11 | Steering Brake Pedal Ratchet Pawl Link, L.H. | | 1 |
| | | Cotter Pin, 1/16 x 1/2" | | 2 |
| | | | | |
| | | * Also TDR 2181 to TDR 2194 | Δ Not TDR 2181 to TDR 2194 | |

## FINAL DRIVE—STEERING BRAKES AND CONTROLS—Continued

| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D |
|---|---|---|---|---|
| 41522 D | 11 | Steering Brake Pedal Ratchet Pawl Link, R.H. | | 1 |
| | | Cotter Pin, 1/16 x 1/2" | | 2 |
| 5815 D | 12 | Steering Brake Pedal Pad and Rod | | |
| | | (NOTE-- R.H. Side, not L.H. Drive Control) | | 2 |
| 41524 D | 13 | Steering Brake Pedal Pad and Rod Swivel | | 2 |
| | | Hex. Nut, 3/4" N.F. | | 2 |
| | | Lockwasher, 3/4" | | 2 |
| 5816 DB | 14 | Steering Brake Pedal, L.H. | | 1 |
| 5817 DB | 14 | Steering Brake Pedal, R.H. | | 1 |
| 41508 D | 15 | Steering Brake Outer Rod Pivot Pin | | 2 |
| 5812 D | 16 | Steering Brake Outer Rod Adjusting Knob | | 2 |
| 41483 DA | 17 | Steering Brake Band Lining (68628 D Will Work) | | 6 |
| 68648 D | 17 | Steering Brake Band Lining - Moulded (Set of 3 Pieces with | | |
| | | Rivets) (68628 D Will Work) | | 2 |
| 68628 D | 17 | Steering Brake Band Lining - Woven ( Set of 3 Pieces with | | |
| | | Rivets) (68648 D Will Work) (Will Work for 41483 D) | | 2 |
| 41496 D | 18 | Steering Brake Band Release Spring Washer | | 2 |
| | 19 | Follows Reference No. 22 | | |
| 41497 D | 20 | Steering Brake Band Release Spring | | 2 |
| 41501 D | 21. | Steering Brake Band Adjusting Pin | | 2 |
| 41499 D | 22 | Steering Brake Band Adjusting Bolt | | 2 |
| | 19 | Hex. Nut, 5/8" N.F. | | 2 |
| 5801 DX | 23 | Steering Brake Pivot Lever with 2 Bushings, 41493 D | | 2 |
| 15041 H | 24 | Steering Brake Outer Rod End Pin | | 2 |
| | | Cotter Pin, 1/8 x 7/8" | | 4 |
| 41514 D | 25 | Steering Brake Rod, Inner with Ends | | 2 |
| 41494 D | 26 | Steering Brake Band Anchor Spring (Order 56478 D) | TDR 501 to TDR 1711 | 2 |
| 56475 D | 26 | Steering Brake Band Anchor Spring | TDR 1712 up | 2 |
| 56476 D | | Steering Brake Band Anchor Spring Hook | TDR 1712 up | 4 |
| 56478 D | 26 | Steering Brake Band Anchor Spring, 56475 D with | | |
| | | 2 Hooks, 56476 D (will work for 41494 D) | TDR 1712 up | 2 |
| 41495 D | 28 | Steering Brake Band Set Screw | | 2 |
| | 27 | Hex. Nut, 5/8" N.C. (Cadmium Plated) | | 2 |
| | 29 | Follows Reference No. 45 | | |
| Q 3621 | 30 | Steering Brake Pedal Shaft Lubricator | | 2 |
| 41515 D | 31 | Steering Brake Release Spring | | 2 |
| 41999 D | 32 | Steering Brake Inner Rod End Pin, Upper | | 2 |
| | | Cotter Pin, 1/8 x 3/4" | | 2 |

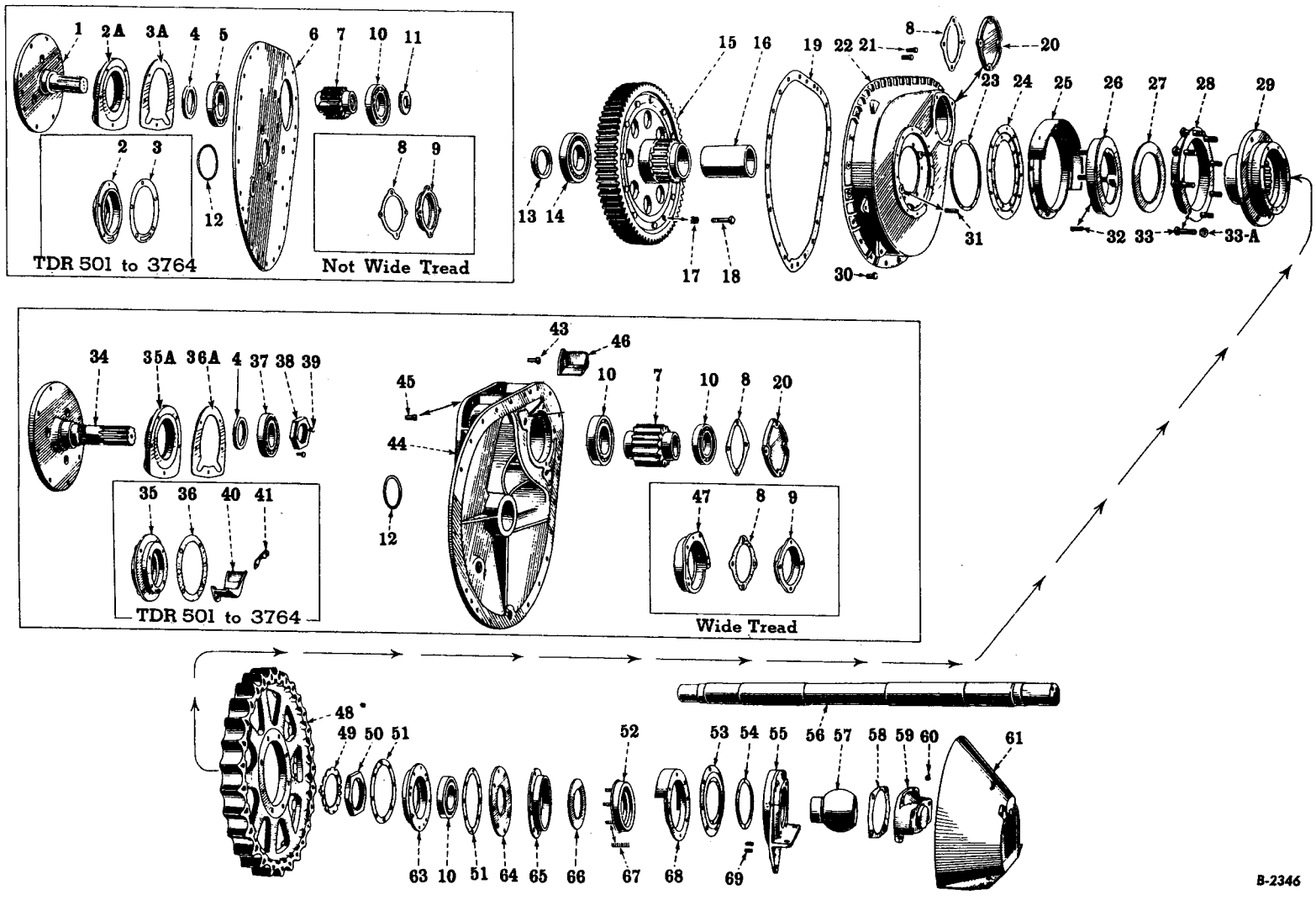
| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D | |
|---|---|---|---|---|---|
| | | **FINAL DRIVE—STEERING BRAKES AND CONTROLS—Continued** | | | |
| 5813 DA | 33 | Steering Brake Lever, Inner | | 2 | |
| | | Cap Screw, 1/2 x 1-5/8" N.C. Hex. Head | | 2 | |
| | | Lockwasher, 1/2" | | 2 | |
| 5814 D | 34 | Steering Brake Lever, Outer (Order 41517 D or 41518 D) | | 2 | |
| 41517 D | 34 | Steering Brake Lever, Outer, L.H. (5814 D) with Shaft | | 1 | |
| 41518 D | 34 | Steering Brake Lever, Outer, R.H. (5814 D) with Shaft | | 1 | |
| 41520 D | 37 | Steering Brake Pedal Shaft | | 2 | |
| 41477 DX | 38 | Steering Brake Band, Front, Complete (Order 60262 D) | TDR 501 to TDR 2175* | 2 | |
| 60256 DXA | 38 | Steering Brake Band, Front with Woven Lining, Complete | | | |
| | | (Order 60260 D or 68644 D) | TDR 2176 to 13000 | 2 | |
| 21406 H | 39 | Steering Brake Band Lining Rivet (.186 x 3/8" Brass) | TDR 501 to TDR 2175* | 84 | |
| 21407 H | 39 | Steering Brake Band Rivet (.186 x 7/16" Brass) | TDR 2176 up Δ | 80 | |
| 21444 H | 39 | Steering Brake Band Lining Rivet (.186 x 1/2" Brass) | TDR 501 to TDR 2175* | 12 | |
| 61175 V | 39 | Steering Brake Band Rivet (.186 x 5/8" Brass) | TDR 2176 up Δ | 16 | |
| 41498 D | 40 | Steering Brake Band Adjusting Bolt Spacer | | 2 | |
| 41500 DA | 41 | Steering Brake Band Pivot Joint Pin | | 2 | |
| | | Cotter Pin, 3/16 x 1-1/2" | | 2 | |
| 41491 D | 42 | Steering Brake Pivot Shaft Stud | | 2 | |
| | | Lockwasher, 1/2" | | 2 | |
| 41492 D | 43 | Steering Brake Pivot Shaft | | 2 | |
| 41493 D | 44 | Steering Brake Pivot Lever Bushing | | 4 | |
| 43664 DA | 45 | Steering Brake Return Spring Anchor | | 2 | |
| | | Hex. Jam Nut, 1" N.C. | | 2 | |
| | 29 | Lockwasher, 1" | | 2 | |
| 41480 D | 46 | Steering Brake Bands, Complete (Order 60262 D) | TDR 501 to TDR 2175* | 2 | |
| 60260 DA | 46 | Steering Brake Bands with Woven Linging, Complete | | | |
| | | (Will Work for 60256 D, 60257 D, 60258 D) (68644 D Will Work) | TDR 2176 up Δ | 2 | |
| 68644 D | 46 | Steering Brake Band with Moulded Lining, Complete | | | |
| | | (60260 D Will Work) | TDR 2176 up Δ | 2 | |
| 8725 D | | Steering Brake Pedal Pad and Rod, R.H. | | | |
| | | (L.H. Drive Control - Special) | TDR 501 to 1653 | 1 | |
| 60262 D | | Heavy Steering Brake Band Field Change Improvement Package | TDR 501 to TDR 2175* | 1 | |

* Also TDR 2181 to TDR 2194 Δ Not TDR 2181 to TDR 2194




## TRACK DRIVE-SPROCKET DRIVE, SHAFT, PINION AND SPROCKET, TRACK FRAME PIVOT SHAFT

*Reference numbers only are shown in illustration. Use I H C part numbers in ordering.*
*Unnumbered parts in the illustrations are the same as corresponding parts shown with numbers.*




## TRACK DRIVE-SPROCKET DRIVE, SHAFT, PINION AND SPROCKET, TRACK FRAME PIVOT SHAFT

*Reference numbers only are shown in illustration. Use I H C part numbers in ordering.*
*Unnumbered parts in the illustrations are the same as corresponding parts shown with numbers.*

| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D |
|---|---|---|---|---|
| | | **TRACK DRIVE—SPROCKET DRIVE, SHAFT, PINION AND SPROCKET, TRACK FRAME PIVOT SHAFT** | | |
| 41467 DA | 1 | Sprocket Drive Pinion Shaft (not Wide Tread) | | 2 |
| 5787 DX | 2 | Sprocket Drive Pinion Inner Bearing Cage with Oil Seal, | | |
| | | 41436 D (not Wide Tread) | TDR 501 to TDR 3764 | 2 |
| | | Cap Screw, 1/2 x 1" N.F. Hex. Head | | 10 |
| | | Lockwasher, 1/2" | | 10 |
| 9470 DX | 2A | Sprocket Drive Pinion Inner Bearing Retainer, | | |
| | | with Oil Seal 41436 D | TDR 3765 up | 2 |
| | | Cap Screw, 1/2 x 1-1/2" N.F. Hex Head | | 10 |
| | | Lockwasher, 1/2" | | 10 |
| 41460 D | 3 | Sprocket Drive Pinion Inner Bearing Cage Gasket | | |
| | | (not Wide Tread) | TDR 501 to TDR 3764 | 2 |
| 64808 D | 3A | Sprocket Drive Pinion Inner Bearing Retainer Gasket | | |
| | | (not Wide Tread) | TDR 3765 up | 2 |
| 41436 D | 4 | Sprocket Drive Pinion Oil Seal | | 2 |
| 42238 D | 5 | Sprocket Drive Pinion Inner Ball Bearing (ND 7219) | | |
| | | (not Wide Tread) (ST 338 Will Work) | | 2 |
| ST 338 | 5 | Sprocket Drive Pinion Inner Ball Bearing (42238 D Will Work) | | 2 |
| | | | | |
| 41471 DX | 6 | Sprocket Drive Carrier Plate, L.H. with 1 Pipe Plug, | | |
| | | 3/4" and 1-1/2" (not Wide Tread) | TDR 501 to TDR 3764 | 1 |
| | | Cap Screw, 5/8 x 1-1/2" N.C. | | 11 |
| 41472 DX | 6 | Sprocket Drive Carrier Plate, R.H. with 1 Pipe Plug, | | |
| | | 3/4" and 1-1/2" (not Wide Tread) | TDR 501 to TDR 3764 | 1 |
| | | Cap Screw, 5/8 x 1-1/2" N.C. | | 11 |
| 64813 DX | 6 | Sprocket Drive Carrier Plate, L.H. Complete | | |
| | | (not Wide Tread) | TDR 3765 up | 1 |
| 64814 DX | 6 | Sprocket Drive Carrier Plate, R.H., Complete | | |
| | | (not Wide Tread) | TDR 3765 up | 1 |
| | | | | |
| | | | | |
| 41468 DA | 7 | Sprocket Drive Pinion (Order 64500 D) | TDR 501 to TDR 3717 | 2 |
| 64497 D | 7 | Sprocket Drive Pinion, 13 Teeth | TDR 3718 up | 2 |
| 41462 D | 8 | Sprocket Drive Pinion Outer Bearing Cage Gasket | TDR 501 to TDR 3764 | 2 |
| 64807 D | 8 | Sprocket Drive Pinion Outer Bearing Cap Packing Ring | TDR 3765 up | 2 |
| 5782 DA | 9 | Sprocket Drive Pinion Outer Bearing, Cage | TDR 501 to TDR 3764 | 2 |
| 16135 H | 10 | Sprocket Drive Gear Ball Bearing, Outer (ND 1219 YL) | | 2 |
| 16135 H | 10 | Sprocket Drive Pinion Inner Ball Bearing (Wide Tread) (ST 336 Will Work) | | 2 |
| 16135 H | 10 | Sprocket Drive Pinion Outer Ball Bearing (ST 336 Will Work) | | 2 |
| ST 336 | 10 | Sprocket Drive Pinion Outer Ball Bearing (16135 H Will Work) | | 2 |
| 41459 D | 11 | Sprocket Drive Pinion Outer Bearing Washer (not Wide Tread) | | 2 |
| | | Cap Screw, 1/2 x 1-1/4" N.F. | | 4 |
| | | Lockwasher, 1/2" | | 4 |
| | | | | |
| 40999 D | 12 | Track Frame Pivot Shaft Oil Seal Ring | | 2 |
| | | | | |
| 41889 D | 13 | Sprocket Drive Gear Bearing Spacer, Short | | 2 |
| 41877 D | 14 | Sprocket Drive Gear Ball Bearing, Inner (ND 1222-100) | | 2 |
| 41888 D | 15 | Sprocket Drive Gear (Order 41900 D) | | 2 |
| 41900 DA | 15 | Sprocket Drive Gear, Complete (73 Teeth) (Order 64500 DA) | TDR 501 to TDR 3717 | 2 |
| 64499 DA | 15 | Sprocket Drive Gear, with Carrier and Rivets | TDR 3718 up | 2 |
| 41890 D | 16 | Sprocket Drive Gear Bearing Spacer, Long | | 2 |
| 42283 D | 18 | Sprocket Drive Gear Carrier Dowel Bolt | TDR 501 to TDR 2901 | 24 |
| | 17 | Hex. Nut, 5/8" N.F. (Slotted) | | 24 |
| | | Cotter Pin, 1/8 x 1-1/4" | | 24 |
| 41884 D | 19 | Sprocket Drive Gear Cover Gasket | TDR 501 to TDR 3764 | 2 |
| 64812 D | 19 | Sprocket Drive Gear Cover Gasket | TDR 3765 up | 2 |

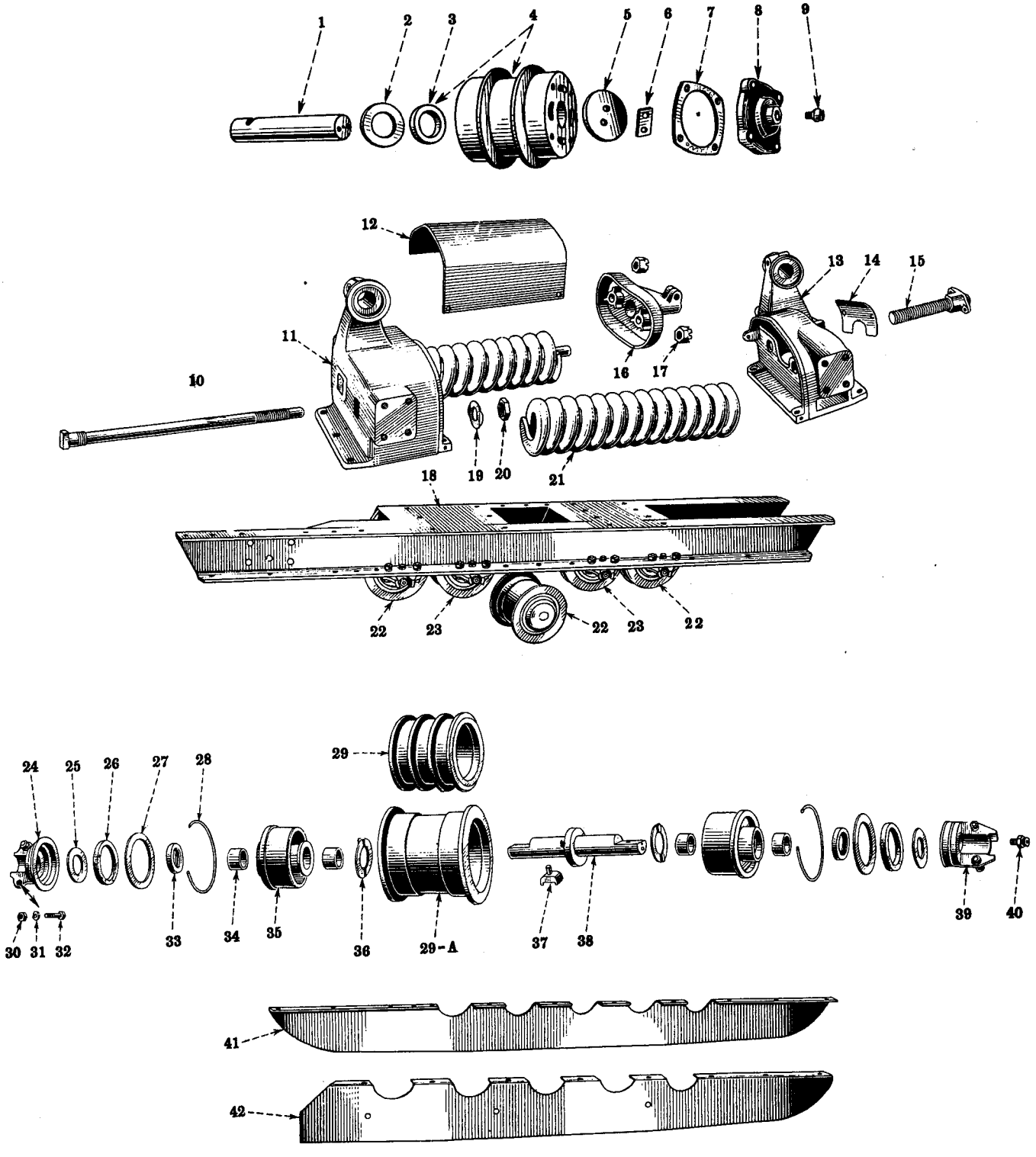
| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D |
|---|---|---|---|---|
| | | **TRACK DRIVE—SPROCKET DRIVE, SHAFT, PINION AND SPROCKET, TRACK FRAME PIVOT SHAFT —Continued** | | |
| 5781 D | 20 | Sprocket Drive Pinion, Outer Bearing Cap | TDR 501 to TDR 3764 | 2 |
| | | Cap Screw, 1/2 x 1-3/8" N.C. Hex. Head | | 12 |
| | | Lockwasher, 1/2" | | 12 |
| 9468 DX | 20 | Sprocket Drive Pinion Outer Bearing Cap, with Packing | | |
| | | Ring 64807 D | TDR 3765 up | 2 |
| | | Cap Screw, 1/2 x 1-3/8" N.C. | | 12 |
| | | Lockwasher, 1/2" | | 12 |
| 41901 D | 21 | Sprocket Drive Gear Cover to Main Frame Dowel Pin | | |
| | | (not Wide Tread) | TDR 501 to TDR 3764 | 4 |
| 64801 D | 21 | Cover to Main Frame Dowel Pin (not Wide Tread) | TDR 3765 up | 4 |
| 5877 DCX | 22 | Sprocket Drive Gear Cover with 2 Anchor Pins, 52419 D | TDR 501 to TDR 3764 | 2 |
| | | Cap Screw, 1/2 x 1-5/8" N.F. Hex. Head | | |
| | | (not Wide Tread) | | 28 |
| | | Cap Screw, 1/2 x 2" N.F. Hex. Head (Wide Tread) | | 28 |
| | | Cap Screw, 5/8 x 1-5/8" N.F. Hex. Head | | |
| | | (not Wide Tread) | | 2 |
| | | Cap Screw, 5/8 x 2" N.F. Hex. Head (Wide Tread) | | 20 |
| | | Cap Screw, 5/8 x 2" N.C. Hex. Head (not Wide Tread) | | 18 |
| | | Hex. Nut, 1/2" N.F. | | 28 |
| | | Hex. Nut, 5/8" N.F. | | 20 |
| | | Lockwasher, 1/2" | | 28 |
| | | Lockwasher, 5/8" | | 20 |
| 9471 DAX | 22 | Sprocket Drive Gear Cover, with 2 Anchor Pins, 52419 D | TDR 3765 up | 2 |
| | | Cap Screw, 1/2 x 1-3/4" N.F. Hex Head (Not Wide Tread) | | 28 |
| | | Cap Screw, 5/8 x 1-3/4" N.F. Hex Head (Not Wide Tread) | | 2 |
| | | Cap Screw, 1/2 x 2" N.F. Hex Head (Wide Tread) | | 28 |
| | | Cap Screw, 5/8 x 2-1/8" N.F. Hex Head (Wide Tread) | | 20 |
| | | Cap Screw, 5/8 x 2" N.C. Hex Head (Not Wide Tread) | | 2 |
| | | Hex Nut, 1/2" N.F. | | 28 |
| | | Hex Nut, 5/8" N.F. | | 20 |
| | | Lockwasher, 1/2" | | 28 |
| | | Lockwasher, 5/8" | | 20 |
| | | Cotter Pin, 1/8" | | 2 |
| 41605 D | 23 | Sprocket Drive Oil Seal Diaphragm Retainer | | 2 |
| | | Cap Screw, 1/4 x 5/8" N.C. Hex. Head | | 24 |
| | | Lockwasher, 1/4" | | 24 |
| 41604 D | 24 | Sprocket Drive Oil Seal Diaphragm | | 2 |
| 41610 D | 25 | Sprocket Drive Oil Seal Guard with Dirt Deflector | | 2 |
| | | Cap Screw, 3/8 x 3/4" N.C. Hex. Head | | 24 |
| | | Lockwasher, 3/8" | | 24 |
| 5833 D | 26 | Sprocket Drive Oil Seal Pressure Plate | | 2 |
| 41609 D | 27 | Sprocket Drive Oil Seal Packing | | 2 |
| 41606 D | 28 | Sprocket Drive Oil Seal Dirt Deflector | | 2 |
| 41882 D | 29 | Sprocket Carrier | | 2 |
| 41902 D | 30 | Sprocket Drive Gear Cover to Plate Dowel Pin | | |
| | | (not Wide Tread) | TDR 501 to TDR 3764 | 2 |
| 46337 D | 30 | Cover to Plate Dowel Pin (not Wide Tread) | TDR 3765 up | 2 |
| 41607 D | 31 | Sprocket Drive Oil Seal Pressure Plate Anchor Pin | TDR 501 to TDR 1347 | 4 |
| 52419 D | 31 | Sprocket Drive Oil Seal Pressure Plate Anchor Pin | TDR 1348 up | 4 |
| 41608 D | 32 | Sprocket Drive Oil Seal Pressure Plate Spring | | 12 |

| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D |
|---|---|---|---|---|
| | | **TRACK DRIVE—SPROCKET DRIVE, SHAFT, PINION AND SPROCKET, TRACK FRAME PIVOT SHAFT —Continued** | | |
| 41876 D | 33 | Sprocket Carrier Bolt | TDR 501 to TDR 2598 | 16 |
| | | Hex. Nut, 7/8" N.F. (Order 61916 DX) | TDR 501 to TDR 2598 | 16 |
| 41876 DA | 33 | Sprocket Carrier Bolt (Order 41876 DAX) | | 16 |
| 41876 DAX | 33 | Sprocket Carrier Bolt, 41876 DA, Nut, 41842 D and | | |
| | | Lockwasher, 61913 D | TDR 2599 up | 16 |
| 41842 D | 33A | Sprocket Carrier Bolt Nut | TDR 3312 up | 16 |
| 61916 D | 33A | Sprocket Carrier Bolt Hex. Nut, 7/8" N.F. | TDR 2599 to TDR 3311 | 16 |
| 61916 DY | 33A | Two Sprocket Carrier Bolt Hex. Nut, 61916 DX | | |
| | | (will work for 41880 D) | TDR 501 to TDR 2598 | 8 |
| 41466 DAX | 34 | Sprocket Drive Pinion Shaft (Wide Tread) | | 2 |
| | | | | |
| | | | | |
| 5786 DX | 35 | Steering Clutch Support Bearing Cage with Oil Seal, 41436 D | | |
| | | (Wide Tread) (Order 62041 D) | TDR 501 to TDR 2261 | 2 |
| 5786 DAX | 35 | Steering Clutch Support Bearing Cage with Oil Seal, 41436 D | | |
| | | (Wide Tread) | TDR 2262 to 3764 | 2 |
| | | Cap Screw, 1/2 x 1-1/4" N.C. | | 8 |
| | | Lockwasher, 1/2" | | 8 |
| 9469 DAX | 35A | Steering Clutch Support Bearing Retainer, with Oil | | |
| | | Seal, 41436 D (Wide Tread) | TDR 3765 up | 2 |
| | | Cap Screw, 1/2 x 1-3/8" Hex Head | | 10 |
| | | Lockwasher, 1/2" | | 10 |
| 41463 D | 36 | Steering Clutch Support Bearing Cage Gasket (Wide Tread) | TDR 501 to TDR 3764 | 2 |
| 64811 D | 36A | Steering Clutch Support Bearing Retainer Gasket | | |
| | | (Wide Tread) | TDR 3765 up | 2 |
| 42239 D | 37 | Steering Clutch Support Ball Bearing (ND 7516) (Wide Tread) | | |
| | | (ST 276 Will Work) | | 2 |
| ST 276 | 37 | Steering Clutch Support Ball Bearing (42239 D Will Work) | | 2 |
| 41464 D | 38 | Steering Clutch Support Bearing Nut (Wide Tread) | | 2 |
| 10722 D | 39 | Steering Clutch Support Bearing Nut Lock Bolt (Wide Tread) | | 4 |
| | | Lockwire No. 12 x 12" | | 2 |
| 5784 DA | 40 | Steering Clutch Support Bearing Retainer, Lower | | |
| | | (Wide Tread) (Order 62041 D) | TDR 501 to TDR 2261 | 2 |
| | | Cap Screw, 3/8 x 7/8" N.C. Hex. Head | | 4 |
| | | Lockwasher, 3/8" | | 4 |
| 5784 DB | 40 | Steering Clutch Support Bearing Retainer, Lower | | |
| | | (Wide Tread) | TDR 2262 to TDR 3764 | 2 |
| | | Cap Screw, 7/16 x 1" N.C. Hex. Head | | 4 |
| | | Lockwasher, 7/16" | | 4 |
| 62041 D | 40 | Steering Clutch Support Bearing Cage 5786 DAX with | | |
| | | Retainer, 5784 DB, 41461 DA and 4 Cap Screws, 7/16 x 1" N.C. | | |
| | | (Wide Tread) (will work for 5784 DA and 5786 DX) | TDR 501 to TDR 2261 | 1 |
| 41461 DA | 41 | Steering Clutch Support Bearing Retainer, Upper | | |
| | | (Wide Tread) | TDR 501 to TDR 3764 | 2 |
| | | Cap Screw, 7/16 x 1" N.C. Hex. Head | | 4 |
| | | Lockwasher, 7/16" | | 4 |
| | | | | |
| | | | | |
| 41766 D | 43 | Sprocket Drive Gear Cover to Carrier Dowel Pin | | |
| | | (Wide Tread) | TDR 501 to TDR 3764 | 6 |
| 64802 D | 43 | Cover to Carrier Dowel Pin (Wide Tread) | TDR 3765 up | 6 |
| 5783 DAX | 44 | Sprocket Drive Carrier with 2 Pipe Plugs, 3/4 and 1-1/2" | | |
| | | (Wide Tread) | TDR 501 to TDR 3764 | 2 |
| | | Cap Screw, 5/8 x 1-3/4" N.C. Hex. Head | | 22 |
| | | Lockwasher, 5/8" | | 14 |
| | | Corks, 9/16 x 3/4 x 15/16" Long | | 2 |

| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D |
|---|---|---|---|---|
| | | **TRACK DRIVE—SPROCKET DRIVE, SHAFT, PINION AND SPROCKET, TRACK FRAME PIVOT SHAFT —Continued** | | |
| 9473 DX | 44 | Sprocket Drive Carrier, with | TDR 3765 up | 2 |
| | | Pipe Plug, 3/4" Countersunk Head | | 2 |
| | | Pipe Plug, 1/2" Countersunk Head | | 1 |
| | | Cap Screw, 5/8 x 1-3/4" N.C. Hex Head | | 22 |
| | | Lockwasher, 5/8" | | 14 |
| | | Cork, 7/16 x 3/4" Dia. x 15/16" Long (XX Quality Size 6) | | 2 |
| 41766 D | 45 | Sprocket Drive Carrier Dowel Pin (Wide Tread) | TDR 501 to TDR 3764 | 4 |
| 64803 D | 45 | Sprocket Drive Carrier Dowel Pin (Wide Tread) | TDR 3765 up | 4 |
| | | | | |
| 5792 D | 46 | Steering Clutch Support Bearing Oil Trough, L.H. | | |
| | | (Wide Tread) | TDR 501 to TDR 3764 | 1 |
| | | Cap Screw, 3/8 x 7/8" N.C. Hex. Head | | 2 |
| | | Lockwasher, 3/8" | | 2 |
| 5792 DX | 46 | Steering Clutch Support Bearing Oil Trough, L.H. | | |
| | | with Capscrew Lock and 2 Cap Screws 3/8 x 1" N.C. Hex. Head | TDR 501 to TDR 3764 | 1 |
| 5793 D | 46 | Steering Clutch Support Bearing Oil Trough, R.H. (Wide Tread) | TDR 501 to TDR 3764 | 1 |
| | | Cap Screw, 3/8 x 7/8" N.C. Hex. Head | | 2 |
| | | Lockwasher, 3/8" | | 2 |
| 5793 DX | 46 | Steering Clutch Support Bearing Oil Trough, R.H. | | |
| | | with Capscrew Lock and 2 Cap Screws 3/8 x 1" N.C. Hex. Head | TDR 501 to TDR 3764 | 1 |
| 64977 D | 46 | Steering Clutch Support Bearing Oil Trough Capscrew Lock | | |
| | | (Wide Tread) (Use only on TTT Equipped with 5792 D, | | |
| | | 5793 D Oil Trough) | TDR 3521 up | 2 |
| | | | | |
| 5785 D | 47 | Sprocket Drive Pinion Inner Bearing Cage (Wide Tread) | TDR 501 to TDR 3764 | 2 |
| | | Cap Screw, 1/2 x 1-1/4" N.C. Hex. Head | | 8 |
| | | Lockwasher, 1/2" | | 8 |
| 5878 D | 48 | Sprocket, 29 Teeth (not Cutaway) | | 2 |
| 41878 D | 49 | Sprocket Drive Gear Carrier Nut Lock | | 2 |
| 41879 DA | 50 | Sprocket Drive Gear Carrier Nut | | 2 |
| 41893 D | 51 | Sprocket Drive Gear Outer Bearing Cage Gasket | | 4 |
| | | | | |
| 5834 D | 52 | Track Frame Pivot Oil Seal Pressure Plate | | 2 |
| 41612 D | 53 | Track Frame Pivot Oil Seal Diagraphm | | 2 |
| 41613 D | 54 | Track Frame Pivot Oil Seal Diaphragm Retainer | | 2 |
| | | Cap Screw, 1/4 x 5/8" N.C. Hex. Head | | 16 |
| | | Lockwasher, 1/4" | | 16 |
| 5728 D | 55 | Track Frame Pivot Bracket (Order 5728 DAX) | TDR 501 to TDR 1466 | 2 |
| 5728 DB | 55 | Track Frame Pivot Bracket | TDR 1467 up | 2 |
| | | Cap Screw, 3/4 x 2" N.F. Hex. Head | | 6 |
| | | Cap Screw, 3/4 x 2-1/4" N.F. Hex. Head | | 4 |
| | | Hex. Nut, 3/4" N.F. | | 10 |
| | | Lockwasher, 3/4" | | 10 |
| 5728 DAX | 55 | Track Frame Pivot Bracket, 5728 DA with 2 Pins, 54110 D | | |
| | | (will work for 5728 D) | TDR 501 to TDR 1466 | 2 |
| 40996 DA | 56 | Track Frame Pivot Shaft (not Wide Tread) | | 1 |
| 40997 DA | 56 | Track Frame Pivot Shaft (Wide Tread) | | 1 |
| 5727 DA | 57 | Track Frame Pivot Bearing | | 2 |
| | | Cap Screw, 3/4 x 2" N.F. Hex. Head | | 8 |
| | | Lockwasher, 3/4" | | 8 |
| 40990 D | 58 | Track Frame Pivot Bracket Cap Gasket | | 2 |
| 5729 DAX | 59 | Track Frame Pivot Bracket Cap with 4 Corks | | 2 |
| | | Cap Screw, 3/4 x 2" N.C. Hex. Head | | 8 |
| | | Lockwasher, 3/4" | | 8 |
| | | 5/8 x 13/16 Dia. x 1" Long (XX Quality-Size 7) | | 8 |
| Q 3615 | 60 | Track Frame Pivot Lubricator | | 2 |

| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D |
|---|---|---|---|---|
| | | **TRACK DRIVE-SPROCKET DRIVE, SHAFT, PINION AND SPROCKET, TRACK FRAME PIVOT SHAFT —Continued** | | |
| 41886 DX | 61 | Sprocket Shield with Supports | | 2 |
| | | Cap Screw, 1/2 x 3" N.C. Hex. Head | | 4 |
| | | Cap Screw, 5/8 x 1-5/8" N.F. Hex. Head | | 8 |
| | | Hex. Nut, 5/8" N.F. | | 8 |
| | | Lockwasher, 1/2" | | 4 |
| | | Lockwasher, 5/8" | | 8 |
| 5876 DA | 63 | Sprocket Drive Gear Outer Bearing Cage | | 2 |
| 41881 D | 64 | Sprocket Drive Gear Outer Bearing Retainer | | 2 |
| 41894 D | 65 | Track Frame Pivot Oil Seal Dirt Deflector | | 2 |
| | | Cap Screw, 1/2 x 2" N.F. Hex Head | | 16 |
| | | Lockwasher, 1/2" | | 16 |
| 41618 D | 66 | Track Frame Pivot Oil Seal Packing | | 2 |
| 41619 D | 67 | Track Frame Pivot Oil Seal Pressure Plate Spring | | 8 |
| 41620 D | 68 | Track Frame Pivot Oil Seal Guard with Dirt Deflector | | 2 |
| | | Cap Screw, 3/8 x 3/4" N.C. Hex. Head | | 16 |
| | | Lockwasher, 3/8" | | 16 |
| 41614 D | 69 | Track Frame Pivot Oil Seal Pressure Plate Anchor Pin | TDR 501 to TDR 1466 | 4 |
| 54110 D | 69 | Track Frame Pivot Oil Seal Pressure Plate Anchor Pin | TDR 1467 up | 4 |
| 6666 DB | | Cutaway Sprocket, 29 Teeth (Special) | | 2 |
| 40998 DA | | Track Frame Pivot Shaft Set Screw | | 2 |
| | | Hex. Jam Nut, 3/4" N.C. | | 2 |
| 41880 D | | Sprocket Carrier Bolt Lock (Order 61916 DY) | TDR 501 to TDR 2598 | 8 |
| 41895 D | | Track Frame Pivot Bearing Spacer | TDR 501 to TDR 742 | 2 |
| 46970 DA | | Cutaway Sprocket Attachment - Special (Consists of 2 Sprockets, 6666 DB, 2 Locks, 41880 D and 2 Lockwires, 40980 DB) | | 1 |
| 61913 D | | Sprocket Carrier Bolt Lockwasher (Shakeproof 1134) | TDR 2599 up | 16 |
| 61916 DX | | Sprocket Carrier Bolt Hex. Nut with Lockwasher, 61913 D (Will work for Sprocket Carrier Bolt Standard Nut, 7/8") | TDR 501 to TDR 2598 | 16 |
| 64500 D | | Sprocket Drive Pinion 64497 D and Gear, 64499 DA (Will work for 41468 DA and 41900 DA) | TDR 501 to TDR 3717 | 2 |
| 64804 D | | Sprocket Drive Carrier Dowel Pin (Part of 5900 DJY, DJZ) | TDR 3765 up | 4 |
| 64805 D | | Cover to Main Frame Dowel Pin (Not Wide Tread) (Part of 5900 DJY, DJZ) | TDR 3765 up | 4 |
| 64809 D | | Sprocket Drive Carrier Stud Nut (Wide Tread) | TDR 3765 up | 16 |
| | | Lockwasher, 5/8" | | 16 |
| 65009 D | | Sprocket Drive Carrier Dowel Pin (Field Change) | TDR 501 to 3764 | 4 |
| 65010 D | | Sprocket Drive Cover to Main Frame Dowel Pin (Field Change) | TDR 501 to 3764 | 4 |
| 65013 D | | Heavy Duty Sprocket Drive Field Change Package (Not Wide Tread) (To provide Lates Design in Sprocket Tractors in Field) | TDR 501 to 3764 | 1 |

| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D |
|---|---|---|---|---|
| **TRACK DRIVE-SPROCKET DRIVE, SHAFT, PINION AND SPROCKET, TRACK FRAME PIVOT SHAFT —Continued** | | | | |
| 65014 D | | Heavy Duty Sprocket Drive Field Change Package (Wide Tread) (To Provide Lates Design in Sprocket Drive for Tractors in Field) | TDR 501 to 3764 | 1 |
| 65227 D | | Sprocket Drive Carrying Plate Aligning Tool | TDR 3765 up | 1 |
| 69419 D | | Sprocket Drive Carrier and Drive Cover Service Package (Grey Iron) (Not Wide Tread), L.H. (For use to replace 5877 DX, DAX, DBX, and DCX when not available) | TDR 501 to 3764 | 1 |
| 69420 D | | Sprocket Drive Carrier and Drive Cover Service Package (Grey Iron) (Not Wide Tread), R.H. (For use to replace 5877 DX, DAX, DBX, and DCX when not available) | TDR 501 to 3764 | 1 |
| 69421 D | | Sprocket Drive Carrier and Drive Cover Service Package (Grey Iron) (For use to replace 5783 DX or DAX when not Available) (Wide Tread) | TDR 501 to 3764 | 2 |
| 69738 D | | Field Change Package for Sprocket Drive Gear (Includes (24) 69737 D Sprocket Drive Gear Dowel Bolts (24) 5/8" N.F. Hex Nut and (24) Cotter Pins, 1/8 x 1/4") (To overcome Rivet Shearing on 64499 DA Sprocket Drive Gear) | TDR 3718 up | 1 |
| 47415 H | | Sprocket Drive Carrier Lockwasher (Shakeproof 1128) (Wide Tread) | | 8 |
| 47415 H | | Sprocket Drive Carrier Plate Lockwasher (Not Wide Tread) | | 22 |
| 256189 R91 | | Track Frame Pivot Bearing Shim Field Improvement Package (Includes (18) Heavy Bearing Shims, 256196 R1 and (12) Light Bearing Shims, 256197 R1) | TDR 501 to 16056 | 1 |
| 256196 R1 | | Track Frame Pivot Bearing Shim, Heavy | TDR 16057 up | 18 |
| 256197 R1 | | Track Frame Pivot Bearing Shim, Light | TDR 16057 up | 12 |




**TRACK ASSEMBLY—TRACK FRAME, SPRING, TRACK IDLER, AND ROLLERS**

*Reference numbers only are shown in illustration. Use I H C part numbers in ordering.*
*Unnumbered parts in the illustrations are the same as corresponding parts shown with numbers.*

## TRACK ASSEMBLY—TRACK FRAME, SPRING, TRACK IDLER, AND ROLLERS

| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D |
|---|---|---|---|---|
| 40987 D | 1 | Track Idler Shaft | | 4 |
| 40993 D | 2 | Track Idler Felt Washer | | 4 |
| 40992 D | 3 | Track Idler Oil Seal | TDR 501 to TDR 2240 | 4 |
| 60250 D | 3 | Track Idler Oil Seal | TDR 2241 up | 4 |
| 5725 DBX | 4 | Track Idler with Oil Seal, 60250 D | | 4 |
| 40988 D | 5 | Track Idler Thrust Washer | | 4 |
| | | Cap Screw, 1/2 x 1-1/4" N.F. Hex. Head | | 8 |
| 40991 DA | 6 | Track Idler Thrust Washer Cap Screw Lock | | 4 |
| 42101 D | 7 | Track Idler Cap Gasket | | 4 |
| 5726 D | 8 | Track Idler Cap | | 4 |
| | | Cap Screw, 1/2 x 1-5/8" N.C. Hex. Head | | 16 |
| | | Lockwasher, 1/2" | | 16 |
| | | | | |
| 17829 DA | 9 | Track Idler Lubricator (37290 D Will Work) | | 4 |
| 37290 D | 9 | Track Idler Lubricator (17829 DA Will Work) | | 4 |
| | | | | |
| 55339 D | 10 | Track Spring Adjusting Rod | TDR 1247 up | 4 |
| | | Hex Nut, 1-1/2" N.F. | | 4 |
| | | Cotter Pin, 3/16 x 2-1/4" | | 4 |
| | | | | |
| 5863 DAX | 11 | Track Spring Retainer, Rear, L.H. with Studs | | |
| | | (Order 5863 DDY) | TDR 501 to TDR 1246 | 1 |
| 5863 DDX | 11 | Track Spring Retainer, Rear, L.H. with 6 Studs, 41815 D | | |
| | | and 4 Corks | TDR 1247 up | 1 |
| | | Cap Screw, 3/4 x 4-3/4" N.F. Hex. Head | | 1 |
| | | Cap Screw, 7/8 x 1-3/4" N.F. Hex. Head | | 2 |
| | | Cap Screw, 7/8 x 2-3/4" N.F. Hex. Head | | 3 |
| | | Cap Screw, 7/8 x 3-1/4" Hex Head | | 1 |
| | | Hex. Nut, 3/4" N.F. | | 1 |
| | | Hex. Nut, 7/8" N.F. | | 4 |
| | | Lockwasher, 3/4" | | 1 |
| | | Lockwasher, 7/8" | | 6 |
| 5863 DDY | 11 | Track Spring Retainer, Rear, L.H., 5863 DDX with 2 Rods, | | |
| | | 55339 D, 2 Nuts, 46887 D and 2 Lockwashers, 54111 D | | |
| | | (Will work for 5863 DAX) | TDR 501 to TDR 1246 | 1 |
| 5864 DAX | 11 | Track Spring Retainer, Rear, R.H. with Studs | | |
| | | (Order 5864 DDY) | TDR 501 to TDR 1246 | 1 |
| 5864 DDX | 11 | Track Spring Retainer, Rear, R.H. with 6 Studs, 63266 D | | |
| | | and 4 Corks | TDR 1247 up | 1 |
| | | Cap Screw, 3/4 x 4-3/4" N.F. Hex. Head | | 1 |
| | | Cap Screw, 7/8 x 1-3/4" N.F. Hex. Head | | 2 |
| | | Cap Screw, 7/8 x 2-3/4" N.F. Hex. Head | | 4 |
| | | Cap Screw, 7/8 x 3-1/4" | | 1 |
| | | Hex. Nut, 3/4" N.F. | | 1 |
| | | Hex. Nut, 7/8" N.F. | | 4 |
| | | Lockwasher, 3/4" | | 1 |
| | | Lockwasher, 7/8" | | 6 |
| 5864 DDY | 11 | Track Spring Retainer, Rear, R.H., 5864 DDX with 2 Rods, | | |
| | | 55339 D, 2 Nuts, 46887 D and 2 Lockwashers, 54111 D | | |
| | | (Will work for 5464 DAX) | TDR 501 to TDR 1246 | 1 |

| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D | |
|---|---|---|---|---|---|

## TRACK ASSEMBLY—TRACK FRAME, SPRING, TRACK IDLER, AND ROLLERS

| | | | | | |
|---|---|---|---|---|---|
| 41846 DA | 12 | Track Spring Guard (not Rigid Track Frame) | | 2 | |
| | | Cap Screw, 1/2 x 1" N.C. Hex. Head | | 8 | |
| | | Lockwasher, 1/2" | | 8 | |
| | | Washer, 1" O.D. x 17/32" I.D. x No. 14 Ga. | | 8 | |
| 59561 D | 12 | Track Spring Guard, L.H. (Wide Tread Rigid Track Frame - | | | |
| | | Special) | | 1 | |
| 59562 D | 12 | Track Spring Guard, R.H. (Wide Tread Rigid Track Frame - | | | |
| | | Special) | | 1 | |
| | | | | | |
| 5866 DBX | 13 | Track Frame and Equalizer Spring Guide, L.H. with | | | |
| | | 6 Corks (not Rigid Track Frame) | | 1 | |
| | | Cap Screw, 3/4 x 4-1/2" N.F. Hex. Head | | 1 | |
| | | Cap Screw, 7/8 x 1-3/4" N.C. Hex. Head | | 4 | |
| | | Cap Screw, 7/8 x 2-3/4" N.F. Hex. Head | | 4 | |
| | | Cap Screw, 7/8 x 3-1/4" N.F. Hex. Head | | 1 | |
| | | Hex. Nut, 3/4" N.F. | | 1 | |
| | | Hex. Nut, 7/8" N.F. | | 4 | |
| | | Lockwasher, 3/4" | | 1 | |
| | | Lockwasher, 7/8" | | 8 | |
| 5867 DBX | 13 | Track Frame and Equalizer Spring Guide, R.H. with | | | |
| | | 6 Corks (not Rigid Track Frame) | | 1 | |
| | | Cap Screw, 3/4 x 4-1/2" N.F. Hex. Head | | 1 | |
| | | Cap Screw, 7/8 x 1-3/4" N.C. Hex. Head | | 4 | |
| | | Cap Screw, 7/8 x 2-3/4" N.F. Hex. Head | | 4 | |
| | | Cap Screw, 7/8 x 3-3/4" N.F. Hex Head | | 1 | |
| | | Hex. Nut, 3/4" N.F. | | 1 | |
| | | Hex. Nut, 7/8" N.F. | | 4 | |
| | | Lockwasher, 3/4" | | 1 | |
| | | Lockwasher, 7/8" | | 8 | |
| 8982 DX | 13 | Track Idler Support, Front, L.H. with 7 Corks | | | |
| | | (Wide Tread Rigid Track Frame - Special) | | 1 | |
| | | Cap Screw, 3/4 x 4-1/4" N.F. Hex. Head | | 1 | |
| | | Cap Screw, 7/8 x 2-1/2" N.F. Hex. Head | | 8 | |
| | | Hex. Nut, 3/4" N.F. | | 1 | |
| | | Lockwasher, 3/4" | | 1 | |
| | | Lockwasher, 7/8" | | 8 | |
| 8983 DX | 13 | Track Idler Support, Front, R.H. with 7 Corks | | | |
| | | (Wide Tread Rigid Track Frame - Special) | | 1 | |
| | | Cap Screw, 3/4 x 4-1/4" N.F. Hex. Head | | 1 | |
| | | Cap Screw, 7/8 x 2-1/2" N.F. Hex. Head | | 8 | |
| | | Hex. Nut, 3/4" N.F. | | 1 | |
| | | Lockwasher, 3/4" | | 1 | |
| | | Lockwasher, 7/8" | | 8 | |
| | | | | | |
| | | | | | |
| 41845 D | 14 | Track Frame and Equalizer Spring Guide Cover Plate | | 2 | |
| | | Cap Screw, 3/8 x 5/8" N.C. Hex. Head | | 4 | |
| | | Lockwasher, 3/8" | | 4 | |
| | | | | | |
| | | | | | |
| 5868 DB | 15 | Front Idler Adjuster (Order 41853 DA) | | 2 | |
| 41853 DB | 15 | Front Idler Adjuster | | 2 | |
| | | Cap Screw, 5/8 x 1-1/2" N.F. Hex. Head | | | |
| | | (Cadmium Plated) | | 4 | |
| | | Lockwasher, 5/8" (Cadmium Plated) | | 4 | |
| | | | | | |

| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D |
|---|---|---|---|---|
| | | **TRACK ASSEMBLY—TRACK FRAME, SPRING, TRACK IDLER, AND ROLLERS —Continued** | | |
| 5865 DA | 16 | Track Spring Retainer, Front | | 2 |
| | | Cap Screw, 3/4 x 3-1/4" N.F. Hex. Head | | 2 |
| | 17 | Hex. Nut, 3/4" N.F. | | 2 |
| | | Lockwasher, 3/4" | | 2 |
| 41800 DA | 18 | Track Frame, Complete, L.H. | TDR 501 to TDR 1480 | 1 |
| 41801 DA | 18 | Track Frame, Complete, R.H. | TDR 501 to TDR 1480 | 1 |
| 52424 DC | 18 | Track Frame, Complete, L.H. (Order 63678 D) | TDR 1481 to 3869 | 1 |
| 52425 DC | 18 | Track Frame, Complete, R.H. (Order 63679 D) | TDR 1481 to 3869 | 1 |
| 52424 DD | 18 | Track Frame, Complete, L.H. | TDR 3870 up | 1 |
| 52425 DD | 18 | Track Frame, Complete, R.H. | TDR 3870 up | 1 |
| 61177 DB | 18 | Track Frame, Complete, L.H. (Extended Track Frame-Special) ⊕ | TDR 13001 up | 1 |
| 61178 DB | 18 | Track Frame, Complete, R.H. (Extended Track Frame-Special) ⊕ | TDR 13001 up | 1 |
| 61177 DB | 18 | Track Frame Complete, L.H. (⊛ Crane Modification | | |
| | | Hughes-Keenan, 24) | | 1 |
| 61178 DB | 18 | Track Frame Complete, R. H. (⊛ Crane Modification | | |
| | | Hughes-Keenan, 24) | | 1 |
| 63678 D | 18 | Track Frame, Complete, L.H. (Will Work for 52424 DC) | TDR 1481 to 3869 | 1 |
| 63679 D | 18 | Track Frame Complete, R.H. (Will Work for 52425 DC) | TDR 1481 to 3869 | 1 |
| 54111 D | 19 | Track Spring Adjusting Rod Lockwasher | TDR 1247 up | 4 |
| 46887 D | 20 | Track Spring Adjusting Rod Lock Nut | | 4 |
| 41843 DA | 21 | Track Spring | | 4 |
| 41413 DA | 22 | Track Roller, Complete (Single Flange) (Nos. 1, 3 and 5) | TDR 501 to TDR 1480 | 6 |
| 56133 D | 22 | Track Roller, Complete (Single Flange) (Nos. 1, 3 and 5) | TDR 1481 up | 6 |
| 56133 D | 22 | Track Roller, Complete (Single Flange) (Nos. 1,3,5, and 6) | | |
| | | (⊛ Crane Modification Hughes-Keenan 24) | | 8 |
| 41414 DA | 23 | Track Roller, Complete (Double Flange) (Nos. 2 and 4) | TDR 501 to TDR 1480 | 4 |
| 56134 D | 23 | Track Roller, Complete (Double Flange) (Nos. 2 and 4) | TDR 1481 up | 4 |
| 5735 D | 24 | Track Roller Shaft Bracket | TDR 501 to TDR 1480 | 20 |
| 5735 D | 24 | Track Roller Shaft Bracket, Inner | TDR 1481 up | 10 |
| 5735 D | 24 | Track Roller Shaft Bracket Inner (⊛ Crane Modification | | |
| | | Huges-Keenan 24 and Pipe Layer Modification Trackson 14) | | 12 |
| | | Cap Screw, 5/8" x 1-1/2" N.F. Hex Head | | 12 |
| | | Lockwasher, 5/8" | | 24 |
| 40993 D | 25 | Track Roller Felt Washer, Outer | | 20 |
| 40993 D | 25 | Track Roller Felt Washer-Outer (⊛ Crane Modification | | |
| | | Hughes-Keenan 24) | | 24 |
| 41408 D | 26 | Track Roller Felt Washer, Center | | 20 |
| 41408 D | 26 | Track Roller Felt Washer (⊛ Crane Modification Hughes-Keenan 24) | | 24 |
| 41405 DA | 27 | Track Roller Sealing Washer, Inner | | 20 |
| 41405 DA | 27 | Track Roller Sealing Washer Inner | | |
| | | (⊛ Crane Modification Hughes-Keenan 24) | | 24 |
| 41406 D | 28 | Track Roller Carrier Snap Ring | | 20 |
| 41406 D | 28 | Track Roller Carrier Snap Ring (⊛ Crane Modification | | |
| | | Hughes-Keenan 24) | | 24 |
| 41400 DA | 29 | Track Roller (Double Flange) (Nos. 2 and 4) | | 4 |
| 41402 DA | 29A | Track Roller (Single Flange) (Nos. 1, 3 and 5) | | 6 |
| 41402 DA | 29A | Track Roller (Single Flange) (No's 1, 2, 3, 5, 6) | | |
| | | (⊛ Crane Modification Hughes-Keenan 24) | | 8 |
| | 30 | Follows Reference No. 32 | | |
| 31020 DA | 32 | Track Roller Shaft Bracket Mounting Bolt (Order 37293 D) | TDR 501 to TDR 510 | 40 |
| | 30 | Hex. Nut, 5/8" N.F. | | 40 |
| | 31 | Lockwasher, 5/8" | | 40 |
| 37293 D | 32 | Track Roller Shaft Bracket Mounting Bolt | | |
| | | (Will Work for 31020 DA) | TDR 511 up | 40 |
| | | Hex. Nut, 5/8" N.F. | | 40 |
| | | Lockwasher, 5/8" | | 40 |
| | | ⊛ - For Tabulation of Modification see Introduction Page | | |

⊕ - Also For Pipe Layer Modification Superior 1A

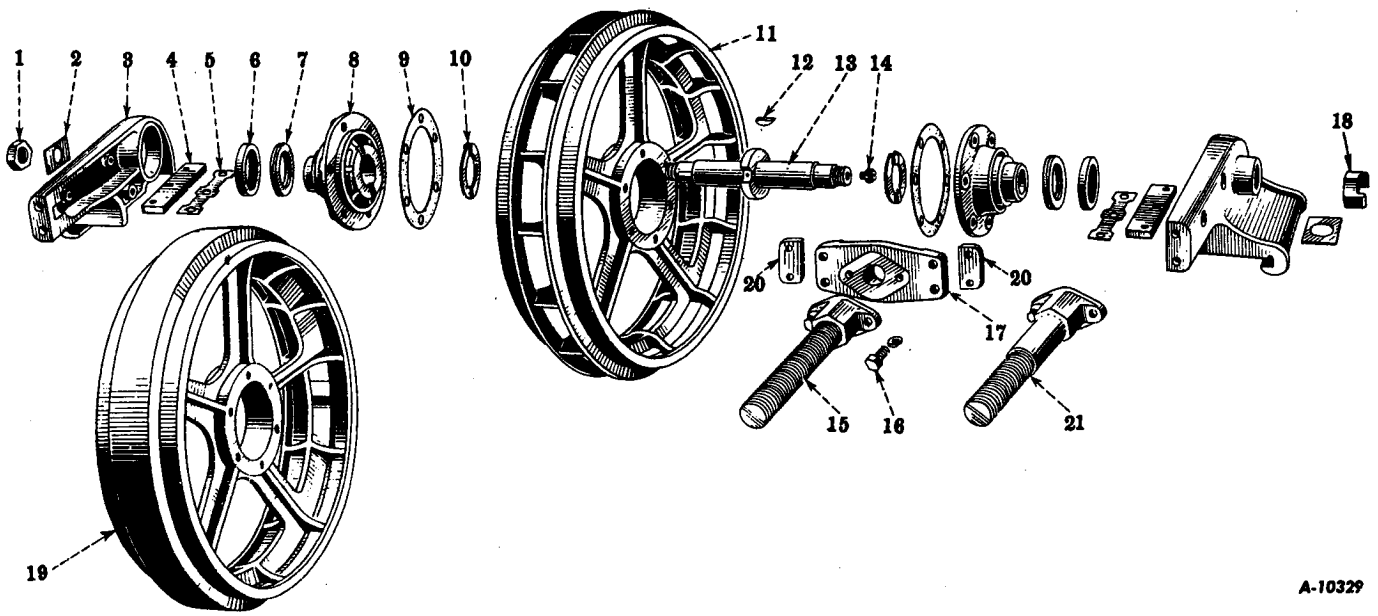
## TRACK ASSEMBLY—TRACK FRAME, SPRING, TRACK IDLER, AND ROLLERS

| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D |
|---|---|---|---|---|
| 40992 DA | 33 | Track Roller Oil Seal | | 20 |
| 40992 DA | 33 | Track Roller Seal (⊛ Crane Modification Hughes-Keenan 24) | | 24 |
| 41403 D | 34 | Track Roller Carrier Bushing (Order 42972 DX) | | 10 |
| 42972 DX | 34 | Track Roller Carrier Bushing (Set of 4) | | |
| | | (will work for 41403 D) | | 10 |
| 42972 DX | 34 | Track Roller Carrier Bushing (⊛ Crane Modification | | |
| | | Hughes-Keenan, 24) | | 12 |
| 5734 DY | 35 | Track Roller Carrier Set, Complete | | 10 |
| 41404 DAX | 36 | Track Roller Carrier Thrust Washer (Set of 2) | | |
| | | (⊛ Crane Modification Hughes-Keenan 24) | | |
| 41404 DAX | 36 | Track Roller Carrier Thrust Washer (Set of 2) (66854 D Will Work) | | 10 |
| 66854 DX | 36 | Track roller thrust washer set (41404 DAX will work) | | 10 |
| 250007 R91 | 37 | Track Roller Oil Scupper (Will Work for 5733D) | | 10 |
| 5733 D | 37 | Track Roller Oil Scupper (250007 R91 Will Work) | | 10 |
| 41401 DX | 38 | Track Roller Shaft with 1/4" Headless Pipe Plug | TDR 501 to TDR 1480 | 10 |
| 52422 D | 38 | Track Roller Shaft | TDR 1481 up | 10 |
| 8367 D | 39 | Track Roller Shaft Bracket, Outer | TDR 1481 up | 10 |
| 17289 D | 40 | Track Roller Lubricator (⊛ Crane Modification Hughes-Keenan 24) | | 12 |
| 17829 DA | 40 | Track Roller Lubricator (37290 D Will Work) | TDR 1481 up | 10 |
| 37290 D | 40 | Track Roller Lubricator (17829 DA Will Work) | TDR 1481 up | 10 |
| 37290 D | 40 | Track Roller Lubricator (⊛ Crane Modification Hughes-Keenan 24) | | 12 |
| 41407 D | 40 | Track Roller Lubricator | TDR 501 to TDR 1480 | 10 |
| 41409 DA | 41 | Track Roller Shield, Outer, L.H. | | |
| | | (not Heavy Duty Track Roller Shield) | | 1 |
| | | Cap Screw, 5/8 x 1-3/4" N.F. | | 12 |
| | | Hex. Nut, 5/8" N.F. | | 12 |
| | | Lockwasher, 5/8" | | 12 |
| 41410 DA | 41 | Track Roller Shield, Outer, R.H. | | |
| | | (not Heavy Duty Track Roller Shield) | | 1 |
| | | Cap Screw, 5/8 x 1-3/4" N.F. Hex. Head | | 12 |
| | | Hex. Nut, 5/8" N.F. | | 12 |
| | | Lockwasher, 5/8" | | 12 |
| | | | | |
| 46683 DAX | 41 | Heavy Duty Track Roller Shield, Outer, L.H. with | | |
| | | Stiffener (Special) | | 1 |
| | | Cap Screw, 5/8 x 2" N.F. Hex Head | | 12 |
| | | Hex. Nut, 5/8" N.F. | | 12 |
| | | Lockwasher, 5/8" | | 12 |
| 46684 DAX | 41 | Heavy Duty Track Roller Shield, Outer, R.H. with | | |
| | | Stiffener (Special) | | 1 |
| | | Cap Screw, 5/8 x 2" N.F. Hex Head | | 12 |
| | | Hex. Nut, 5/8" N.F. | | 12 |
| | | Lockwasher, 5/8" | | 12 |
| 61193 DA | 41 | Track Roller Shield, Outer, L.H. (Extended Track | | |
| | | Frame-Special) ⊕ | TDR 13001 up | 1 |
| | | Cap Screw, 5/8 x 1-1/4" N.F. Hex Head | | 13 |
| | | Lockwasher, 5/8" | | 13 |
| 61193 DA | 41 | Track Roller Shield, L.H. (⊛ Crane Modification Hughes-Keenan | | |
| | | 24 and Pipe Layer Modification Trackson 14) | | 1 |
| | | Cap Screw, 5/8 x 1-1/4" N.F. Hex Head | | 13 |
| | | Lockwasher, 5/8" | | 13 |
| 61194 DA | 41 | Track Roller Shield, Outer, R.H. (Extended Track | | |
| | | Frame-Special) ⊕ | TDR 13001 up | 1 |
| | | Cap Screw, 5/8 x 1-1/4" N.F. Hex Head | | 13 |
| | | Lockwasher, 5/8" | | |
| | | ⊛ - For Tabulation of Modification see Introduction Page | | |

⊕ Also For Pipe Layer Modification Superior 1A

| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D |
|---|---|---|---|---|
| | | **TRACK ASSEMBLY-TRACK FRAME, SPRING, TRACK IDLER, AND ROLLERS—Continued** | | |
| 61194 DA | 41 | Track Roller Shield Outer, R.H. (✱ Crane Modification Hughes- | | |
| | | Keenan 24 and Pipe Layer Modification Trackson 14) | | 1 |
| | | Cap Screw, 5/8 x 1-1/4" N.F. Hex Head | | 13 |
| | | Lockwasher, 5/8" | | 13 |
| 41411 DA | 42 | Track Roller Shield, Inner, L.H. | | |
| | | (Not Heavy Duty Track Roller Shield) | | 1 |
| | | Cap Screw, 5/8 x 1-3/4" N.F. Hex. Head | | 8 |
| | | Hex. Nut, 5/8" N.F. | | 8 |
| | | Lockwasher, 5/8" | | 8 |
| 41412 DA | 42 | Track Roller Shield, Inner, R.H. | | |
| | | (Not Heavy Duty Track Roller Shield) | | 1 |
| | | Cap Screw, 5/8 x 1-3/4" N.F. Hex. Head | | 8 |
| | | Hex. Nut, 5/8" N.F. | | 8 |
| | | Lockwasher, 5/8" | | 8 |
| | | | | |
| 46681 DAX | 42 | Heavy Duty Track Roller Shield, Inner, L.H. with | | |
| | | Stiffener (Special) | | 1 |
| | | Cap Screw, 5/8 x 2" N.F. Hex Head | | 8 |
| | | Hex. Nut, 5/8" N.F. | | 8 |
| | | Lockwasher, 5/8" | | 8 |
| 46682 DAX | 42 | Heavy Duty Track Roller Shield, Inner, R.H. with | | |
| | | Stiffener (Special) | | 1 |
| | | Cap Screw, 5/8 x 2" N.F. Hex Head | | 8 |
| | | Hex. Nut, 5/8" N.F. | | 8 |
| | | Lockwasher, 5/8" | | 8 |
| 61195 DA | 42 | Track Roller Shield Inner, L.H. (Extended Track | | |
| | | Frame-Special) ⊕ | TDR 13001 up | 1 |
| | | Cap Screw, 5/8 x 1-1/4" N.F. Hex Head | | 9 |
| | | Lockwasher, 5/8" | | 9 |
| 61195 DA | 42 | Track Roller Shield Inner, L.H. (✱ Crane Modification | | |
| | | Hughes-Keenan 24 and Pipe Layer Modification Euclid 1) | | 1 |
| | | Cap Screw, 5/8 x 1-1/4" N.F. Hex Head | | 9 |
| | | Lockwasher, 5/8" | | 9 |
| 61196 DA | 42 | Track Roller Shield, Inner, R.H. (Extended Track | | |
| | | Frame-Special) ⊕ | TDR 13001 up | 1 |
| | | Cap Screw, 5/8 x 1-1/4" N.F. Hex Head | | 9 |
| | | Lockwasher, 5/8" | | 9 |
| 61196 DA | 42 | Track Roller Shield Inner, R.H. (✱ Crane Modification | | |
| | | Hughes-Keenan 24 and Pipe Layer Modification Trackson 14) | | 1 |
| | | Cap Screw, 5/8 x 1-1/4" N.F. Hex Head | | 9 |
| | | Lockwasher, 5/8" | | 9 |
| 46680 D | | Heavy Duty Track Roller Shield Attachment (Special) | | |
| | | (Consists of 1 each 46681 DX, 46682 DX, 46683 DX, | | |
| | | 46684 DX with 40 Cap Screws, Nuts and Lockwashers) | | 1 |
| 64406 D | | Extended Track Frame and Large Diameter Front Idler | | |
| | | Attachment, (Special) ⊕ (For Use with Rigid Track Frame, | | |
| | | 59566 D) (Factory Applied Only) | TDR 13001 up | 1 |
| 64046 D | | Extended Track Frame Complete (✱ Crane Modification | | |
| | | Hughes-Keenan, 24) | | 1 |
| 65118 D | | Track (Less Shoes) (Extended Track Frame-Special) | TDR 13001 up | 1 |
| 45-2835 | | Extended Track Frame and Large Diameter Heavy Front Idler | | |
| | | Attachment (For use with Rigid Track Frame 59566 D) | | |
| | | (Pipe Layer Modification Trackson 14) | | 1 |
| 47-2835-1 | | Track Frame, Complete, R.H. (Pipe Layer Modification Trackson 14) | | 1 |
| 47-2835-2 | | Track Frame, Complete, L.H. (Pipe Layer Modification Trackson 14) | | 1 |
| | | ✱ - For Tabulation of Modification see Introduction Page | | |

⊕ Also For Pipe Layer Modification Superior 1A




*Reference numbers only are shown in illustration. Use I H C part numbers in ordering.*
*Unnumbered parts in the illustrations are the same as corresponding parts shown with numbers.*

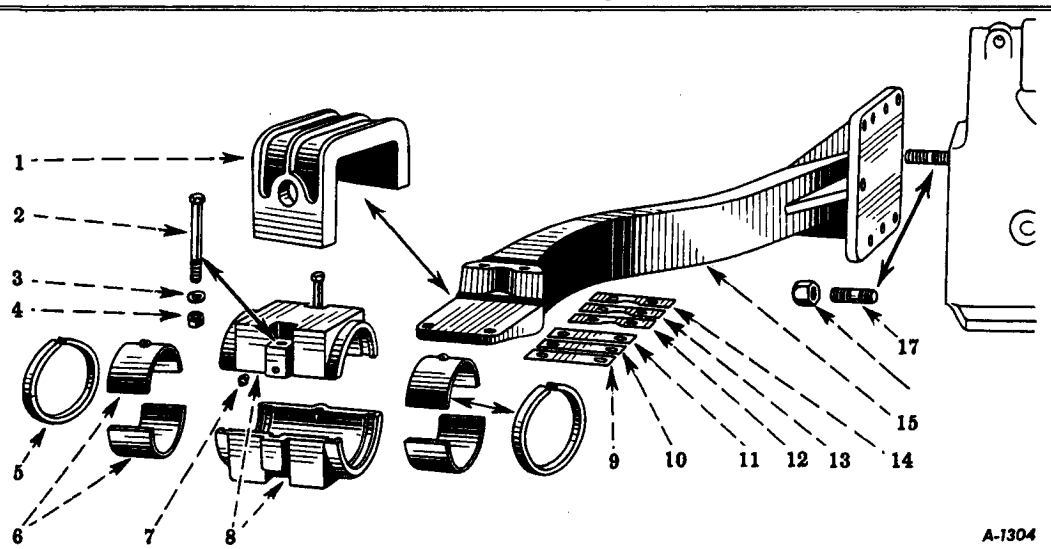
## TRACK ASSEMBLY—FRONT IDLER

| | | | | |
|---|---|---|---|---|
| | 1 | Follows Reference No. 13 | | |
| 41866 D | 2 | Front Idler Shaft Nut Lock | | 4 |
| 5869 DBX | 3 | Front Idler Guide, Inner, R.H. and Outer, L.H. with | | |
| | | Oil Seal, 41862 DA and 3 Corks | | 2 |
| 5870 DBX | 3 | Front Idler Guide, Inner, L.H. and Outer, R.H. with | | |
| | | Oil Seal, 41862 DA and 3 Corks | | 2 |
| 5871 DB | 3 | Front Idler Guide, Outer, L.H. (Order 5869 DBX) | | 1 |
| 5872 DB | 3 | Front Idler Guide, Outer, R.H. (Order 5870 DBX) | | 1 |
| 41861 D | 4 | Front Idler Guide Retainer | | 4 |
| | | Cap Screw, 5/8 x 1-3/4" N.C. Hex. Head | | 12 |
| 49104 D | 5 | Front Idler Guide Retainer Bolt Lock | | 4 |
| 41862 D | 6 | Front Idler Oil Seal | | 4 |
| 41867 DA | 7 | Front Idler Felt Washer | | 4 |
| 5875 DX | 8 | Front Idler Carrier with Bushings (Order 57724 D) | TDR 501 to 1220 | 4 |
| 5875 DAX | 8 | Front Idler Carrier with Bushings (Order 57724 D) | TDR 1221 to 1995 | 4 |
| | | Cap Screw, 5/8 x 4-3/4" N.F. Hex. Head | | |
| | | (Order 57734 D) | TDR 501 to 1995 | 12 |
| | | Hex. Nut, 5/8" N.F. (Order 15944 D) | TDR 501 to 1995 | 12 |
| | | Lockwasher, 5/8" (Order 19574 D) | TDR 501 to 1995 | 12 |
| 5875 DBX | 8 | Front Idler Carrier with Bushings, 41864 D | TDR 1996 up | 4 |
| 57724 D | 8 | Front Idler Carrier Field Change Improvement Package | TDR 501 to 1995 | 1 |
| 41869 D | 9 | Front Idler Carrier Gasket | TDR 501 to 12938 | 4 |
| 41404 DAX | 10 | Front Idler Thrust Washer (Set of 2) (66854 DX Will Work) | | 2 |
| 66854 DX | 10 | Front Idler Thrust Washer (Set 2) (41404 DAX Will Work) | | 2 |

## TRACK ASSEMBLY—FRONT IDLER—Continued

| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D |
|---|---|---|---|---|
| 5874 D | 11 | Front Idler (Not Large Diameter Front Idler) | | 2 |
| SA 3215 | 12 | Front Idler Shaft Key (Woodruff "G") | | 2 |
| | | Lockwasher, 5/8" (Cadmium Plated) | | 4 |
| 41868 D | 13 | Front Idler Shaft | | 2 |
| | 1 | Hex. Jam Nut, 1-1/2" N.F. | | 2 |
| 17829 DA | 14 | Front Idler Lubricator (37290 D Will Work) | | |
| 37290 D | 14 | Front Idler Lubricator (17829 DA Will Work) | | 2 |
| 41853 DB | 15 | Front Idler Adjuster (Not Large Diameter Front Idler) | | 2 |
| 61190 D | 15 | Front Idler Adjuster (⊛ Pipe Layer Modification Trackson 14) | | 2 |
| 62497 D | 15 | Front Idler Adjuster (Large Diameter Front Idler-Special) | | 2 |
| | 16 | Cap Screw, 5/8 x 1-13" N.F. (Cadmium Plated) | | 4 |
| | | Lockwasher, 5/8" (Cadmium Plated) | | 4 |
| 5873 D | 17 | Front Idler Guide Cross Plate | | 2 |
| | | Cap Screw, 3/4 x 2-1/2" N.C. Hex. Head | | 8 |
| | | Lockwasher, 3/4" | | 8 |
| 41865 D | 18 | Front Idler Shaft Nut, Outer | | 2 |
| 9162 D | 19 | Front Idler (Large Diameter Front Idler-Special) | | 2 |
| 61192 D | 20 | Front Idler Spacer (Large Diameter Front Idler-Special) | | 4 |
| 61191 DA | 21 | Front Idler Adjuster (⊛ Crane Modification Hughes-Keenan 24) | | 2 |
| 61191 DA | 21 | Front Idler Adjuster (Large Diameter Front Idler-Special) | TDR 13001 up | 2 |
| 15944 D | | Front Idler Carrier Bolt Nut | TDRM 1996 up | 12 |
| 19574 D | | Front Idler Carrier Bolt Lockwasher (Shakeproof 1228) (Order 22307 H) | TDR 1996 up | 12 |
| 41864 D | | Front Idler Carrier Bushing (Order 42971 DX) | | 8 |
| 42971 DX | | Front Idler Carrier Bushing (Set of 2) | | 4 |
| 57734 D | | Front Idler Carrier Bolt | TDR 1996 up | 12 |
| 62490 D | | Large Diameter Front Idler Attachment (Special) Factory Application Only | | 1 |
| 22307 H | | Front Idler Carrier Bolt Lockwasher (Shakeproof 1219) (Will Work for 19574 D) | TDR 1996 up | 12 |

⊛ - For Tabulation of Modification See Introduction Page

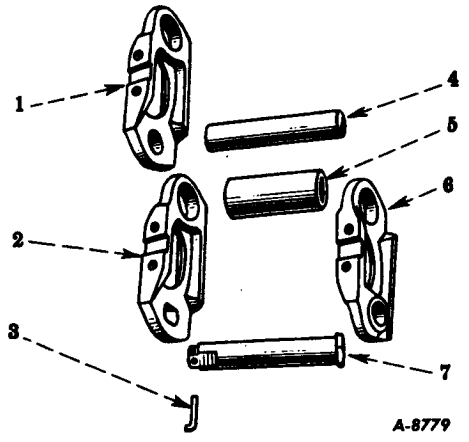



*Reference numbers only are shown in illustration. Use I H C part numbers in ordering.*
*Unnumbered parts in the illustrations are the same as corresponding parts shown with numbers.*

## TRACK ASSEMBLY—TRACK FRAME DIAGONAL BRACE
**(Not Rigid Track Frame)**

| | | | | |
|---|---|---|---|---|
| 5897 DA | 1 | Track Frame Diagonal Brace Clamp | | 2 |
| | | Cap Screw, 3/4 x 2-1/4" N.C. Hex Head | | 4 |
| | | Cap Screw, 3/4 x 4-3/4" N.C. Hex. Head | | 4 |
| | | Lockwasher, 3/4" | | 8 |
| | 2 | Follows Reference No. 8 | | |
| 18868 D | 3 | Track Frame Diagonal Brace Bearing Bolt Lockwasher | | |
| | | (Shakeproof No. 1124) | TDR 590 up | 4 |
| | 4 | Follows Reference No. 8 | | |
| 42134 D | 5 | Track Frame Diagonal Brace Bearing Felt | | 4 |
| 42136 DA | 6 | Track Frame Diagonal Brace Bearing Bushing, Complete | | |
| | | (Set of 4) | TDR 501 to 2022 | 2 |
| 57241 D | 6 | Track Frame Diagonal Brace Bearing Bushing, Complete | | |
| | | (Set of 4) | TDR 2023 up | 2 |
| Q 3615 | 7 | Track Frame Diagonal Brace Bearing Lubricator | | 2 |
| 42135 D | 8 | Track Frame Diagonal Brace Bearing Set, Upper and Lower, | | |
| | | Complete (Order 57237 D) | TDR 501 to 2022 | 2 |
| | | Cap Screw, 1/2 x 4" N.F. Hex. Head | | 4 |
| | | Hex. Nut, 1/2" N.F. | | 4 |
| | | Lockwasher, 1/2" | | 4 |
| 57237 DA | 8 | Track Frame Diagonal Brace Bearing Set, Upper and Lower, | | |
| | | Complete (Will Work for 42135 D) | TDR 2023 up | 2 |
| | 2 | Cap Screw, 1/2 x 4" N.F. Hex. Head | | 4 |
| | 4 | Hex. Nut, 1/2" N.F. | | 4 |
| 42130 D | 9 | Track Frame Diagonal Brace Clamp Shim, Outer | | |
| | | (Extra Heavy) | | 2 |
| 42131 D | 10 | Track Frame Diagonal Brace Clamp Shim, Outer (Heavy) | | 2 |

| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D |
|---|---|---|---|---|
| | | **TRACK ASSEMBLY—TRACK FRAME DIAGONAL BRACE—Continued** | | |
| | | **(Not Rigid Track Frame)** | | |
| 42132 D | 11 | Track Frame Diagonal Brace Clamp Shim, Outer (Medium) | | 4 |
| 42127 D | 12 | Track Frame Diagonal Brace Clamp Shim, Inner | | |
| | | (Extra Heavy) | | 2 |
| 42128 D | 13 | Track Frame Diagonal Brace Clamp Shim, Inner (Heavy) | | 2 |
| 42129 D | 14 | Track Frame Diagonal Brace Clamp Shim, Inner (Medium) | | 4 |
| 42003 DA | 15 | Track Frame Diagonal Brace, L.H., Complete | | |
| | | (Not Wide Tread) | | 1 |
| 42004 DA | 15 | Track Frame Diagonal Brace, R.H., Complete | | |
| | | (Not Wide Tread) | | 1 |
| 42005 DA | 15 | Track Frame Diagonal Brace, L.H., Complete | | |
| | | (Wide Tread) | | 1 |
| 42006 DA | 15 | Track Frame Diagonal Brace, R.H., Complete | | |
| | | (Wide Tread) | | 1 |
| 41842 D | 16 | Track Frame Diagonal Brace Stud Nut, 7/8" | | 12 |
| | | Lockwasher, 7/8" | | 12 |
| 63266 D | 16 | Track Frame Diagonal Brace Stud | TDR 4436 up | 12 |
| 41815 D | 17 | Track Frame Diagonal Brace Stud | TDR 501 to 4436 | 12 |




*Reference numbers only are shown in illustration. Use I H C part numbers in ordering.*
*Unnumbered parts in the illustrations are the same as corresponding parts shown with numbers.*

## TRACK CHAIN

| | | | | |
|---|---|---|---|---|
| 40977 D | 1 | Track Link, R.H. (Order 40977 DBX) | TDR 501 to 1962 | 68 |
| 40977 DC | 1 | Track Link, R.H. | TDR 1963 up | 68 |
| 40977 DC | 1 | Track Link, R.H. (*Crane Modification Hughes-Keenan 24) | | 78 |
| 40977 DCX | 1 | Track Link, R.H. with 2 Shoe Bolts, 40986 DA and 2 Nuts, | | |
| | | 58075 D (Will Work for 40977 D) | TDR 501 to 1962 | 68 |
| 40978 D | 2 | Track Master Link (Order 40978 DBX) | TDR 501 to 1962 | 6 |
| 40978 DC | 2 | Track Master Link (*Crane Modification Hughes-Keenan 24) | | 2 |
| 40978 DC | 2 | Track Master Link | TDR 1963 up | 6 |
| 40978 DCX | 2 | Track Master Link with 2 Shoe Bolts, 40986 DB and 2 Nuts, | | |
| | | 58075 D (Will Work for 40978 D) | TDR 501 to 1962 | 6 |
| 40980 DB | 3 | Track Master Link Pin Lockwire | | 6 |
| 40980 DB | 3 | Track Master Link Pin (*Crane Modification Hughes-Keenan 24) | | 2 |
| 40982 DA | 4 | Track Link Pin (6622/6625 Dia. x 8-11/16") | | 68 |
| 40981 D | 5 | Track Link Bushing (*Crane Modification Hughes-Keenan 24) | | 80 |
| 40981 D | 5 | Track Link Bushing (1630/1642 I.D. x 2362/2364 x 5-31/32") | | 74 |
| 40976 D | 6 | Track Link, L.H. (Order 40976 DBX) | TDR 501 to 1962 | 74 |
| 40976 DC | 6 | Track Link, L.H. | TDR 1963 up | 74 |
| 40976 DC | 6 | Track Link, L.H. (*Crane Modification Hughes-Keenan 24) | | 80 |
| 40976 DCX | 6 | Track Link, L.H. with 2 Shoe Bolts, 40986 DB and 2 Nuts, | | |
| | | 58075 D (Will Work for 40976 D) | TDR 501 to 1962 | 74 |
| 40979 D | 7 | Track Master Link Pin (*Crane Modification Hughes-Keenan 24) | | 2 |
| 40979 D | 7 | Track Master Link Pin (1.6095/16110 Dia. x 9" Long) | | 6 |

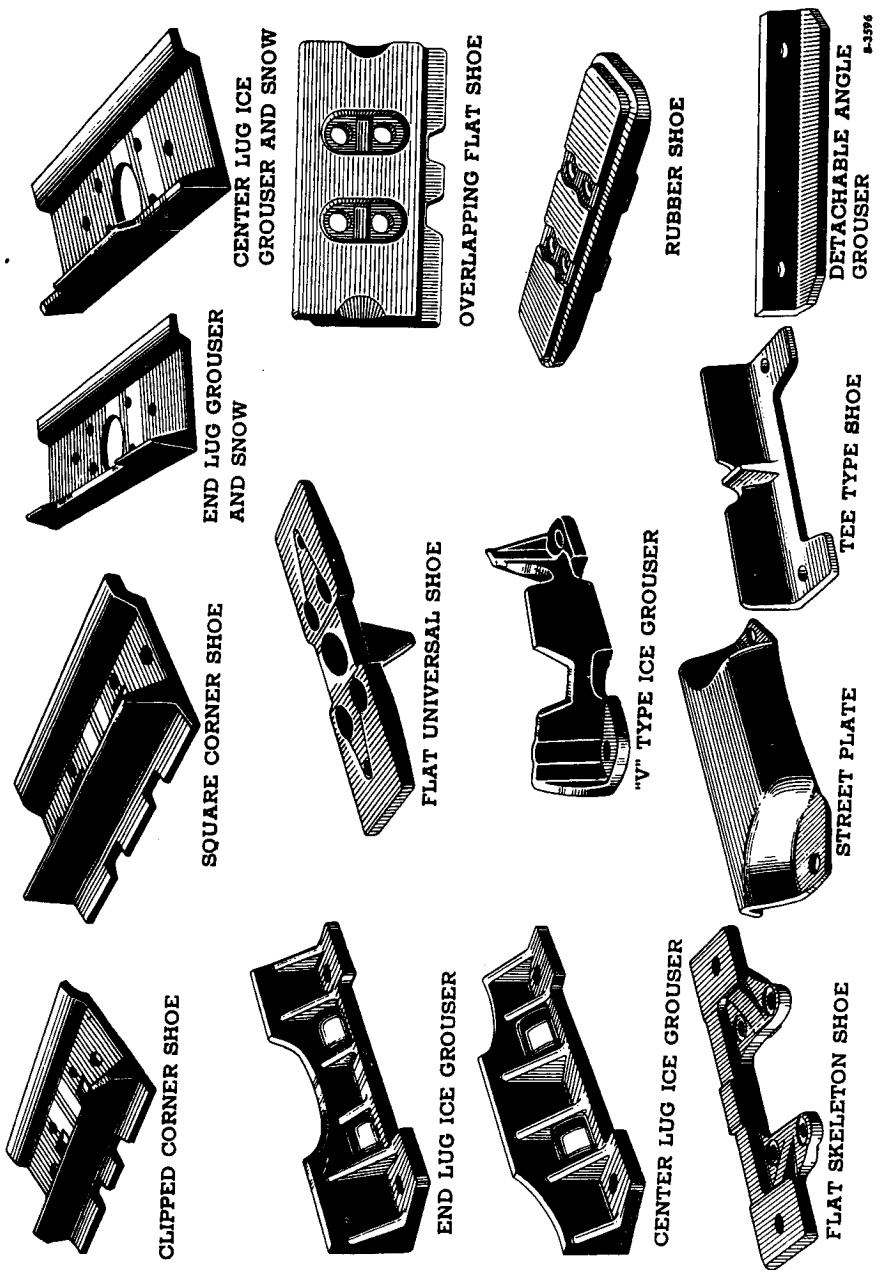
*- For Tabulation of Modification see Introduction Page

# CHASSIS

| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D |
|---|---|---|---|---|
| | | **TRACK CHAIN—Continued** | | |
| 40983 D | | Track Chain, Complete (Order 65100 DX) | TDR 501 to 1962 | 2 |
| 40983 DB | | Track Chain, Complete (Order 65100 D) | TDR 1963 up | 2 |
| | | (Consists of 37 - 40976 DC, 36 - 40977 DC, 1-40978 DC, 1 - 40979 D, 1 - 40980 DB, 37 - 40981 D and 36 - 40982 DA) | | |
| 40983 DAX | | Track Chain, Complete, 40983 DB with 148 Shoe Bolts, 40986 DC and 148 Nuts, 58075 D (Order 65100 DX) | TDR 501 to 1962 | 2 |
| 40984 DC | | Track Chain, Complete with 18" Shoes (Order 65101 D) (Consists of 1 - 40983 DC, 37 - 40985 D, 148 - 40986 DC and 58075 DB) | | 2 |
| 61198 DA | | Track, Complete (Ⓐ Crane Modification Hughes-Keenan 24) | | 2 |
| 65118 D | | Track (Less Shoes) (Extended Track Frame-Special) | TDR 13001 up | 1 |
| 65100 DA | | Track Chain, Complete (3 Sections-2 Sections of 12 Links, 1 Section of 13 Links) (Will Work for 40983 DB) | TDR 1963 up | 2 |
| 65100 DAX | | Track Chain, Complete with Track Shoes Capscrews and Nuts (Will Work for 40983 D and 40983 DBX) | TDR 501 to 1962 | 2 |
| 65101 D | | Track Chain, Complete with 18" Shoes (3 Sections - 2 Sections of 12 Links, 1 Section of 13 Links) (Will Work for 40984 DB) | | 2 |
| 65124 D | | Track Chain, Complete (Heavy Front Idler) (Special) (3 Sections - 2 Sections of 13 Links, 1 section of 12 Links) | | 2 |
| 65125 D | | Track Chain, Complete with 18" Shoes (Heavy Front Idler) (Special) (3 Sections - 2 Sections of 13 Links, 1 Section of 12) | | 2 |

Ⓐ - For Tabulation of Modification see Introduction Page

TRACK SHOES

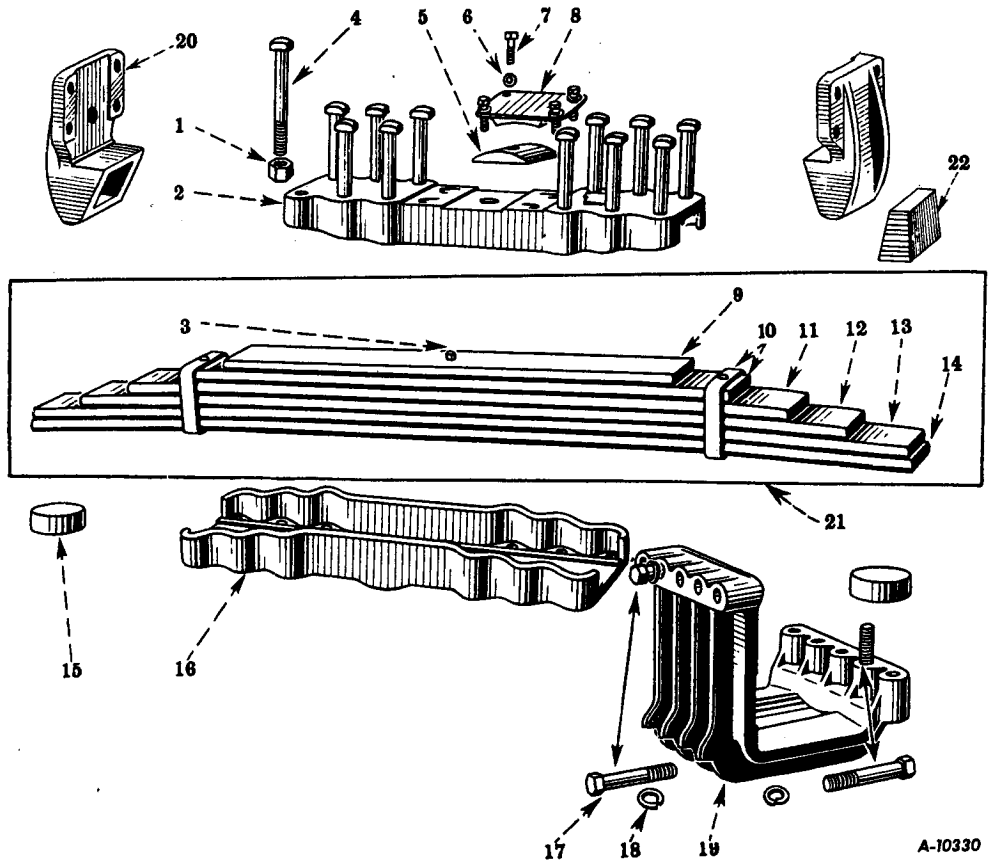

CLIPPED CORNER SHOE
SQUARE CORNER SHOE
END LUG GROUSER AND SNOW
CENTER LUG ICE GROUSER AND SNOW
END LUG ICE GROUSER
FLAT UNIVERSAL SHOE
CENTER LUG ICE GROUSER
"V" TYPE ICE GROUSER
FLAT SKELETON SHOE
STREET PLATE
OVERLAPPING FLAT SHOE
TEE TYPE SHOE
RUBBER SHOE
DETACHABLE ANGLE GROUSER
8-3596

## TRACK ASSEMBLY—TRACK SHOES

| PART NUMBER | NAME OR DESCRIPTION | SIZE | TRACK SHOE | NO. USED |
|---|---|---|---|---|
| | **SQUARE CORNER** | | | |
| 46079 DA | Set of Track Shoes | 14" | 46042 DA | 74 |
| 46080 DA | Set of Track Shoes | 16" | 46043 DA | 74 |
| 46081 DA | Set of Track Shoes (Regular) | 18" | 40985 DA | 74 |
| 46082 DA | Set of Track Shoes | 19" | 46044 DA | 74 |
| 46083 DA | Set of Track Shoes | 20" | 46045 DA | 74 |
| 46084 DA | Set of Track Shoes (Wide Tread) | 22" | 46046 DA | 74 |
| 46085 DA | Set of Track Shoes (Wide Tread) | 24" | 46047 DA | 74 |
| ⓧ 256294 R91 | Set of Track Shoes | 18" | 40985 DA | 80 |
| ⓧ 256295 R91 | Set of Track Shoes | 20" | 46045 DA | 80 |
| ⓧ 256296 R91 | Set of Track Shoes (Wide Tread) | 22" | 46046 DA | 80 |
| ⓧ 256297 R91 | Set of Track Shoes (Wide Tread) | 24" | 46047 DA | 80 |
| ‡ 256304 R91 | Set of Track Shoes | 18" | 40985 DA | 76 |
| ‡ 256305 R91 | Set of Track Shoes | 20" | 46045 DA | 76 |
| ‡ 256306 R91 | Set of Track Shoes (Wide Tread) | 22" | 46046 DA | 76 |
| ‡ 256307 R91 | Set of Track Shoes (Wide Tread) | 24" | 46047 DA | 76 |
| | Included with Above | | | |
| ‡ 40986 DB | Track Shoe Cap Screw | | | 304 |
| 40986 DB | Track Shoe Cap Screw | | | 296 |
| ⓧ 40986 DB | Track Shoe Cap Screw | | | 320 |
| 58075 DA | Track Shoe Cap Screw Nut (Order 260714 R1) | | | 296 |
| ‡ 58075 DA | Track Shoe Cap Screw Nut (Order 260714 R1) | | | 304 |
| ‡ 58075 DA | Track Shoe Cap Screw Nut (Order 260714 R1) | | | 320 |
| | **CLIPPED CORNER** | | | |
| 46089 DA | Set of Track Shoes | 14" | 46069 DA | 74 |
| 46090 DA | Set of Track Shoes | 16" | 46070 DA | 74 |
| 46091 DA | Set of Track Shoes | 18" | 46071 DA | 74 |
| 46092 DA | Set of Track Shoes | 19" | 46072 DA | 74 |
| 46093 DA | Set of Track Shoes | 20" | 46073 DA | 74 |
| 46094 DA | Set of Track Shoes (Wide Tread) | 22" | 46074 DA | 74 |
| 46095 DA | Set of Track Shoes (Wide Tread) | 24" | 46075 DA | 74 |
| | Included with Above | | | |
| 40986 DB | Track Shoe Cap Screw | | | 296 |
| 58075 DA | Track Shoe Cap Screw Nut (Order 260714 R1) | | | 296 |
| | **FLAT SHOES** | | | |
| 48491 D | Set of Skeleton Track Shoes | 15" | 6511 D | 74 |
| 48467 D | Set of Universal Track Shoes | 18" | 6670 D | 74 |
| 48468 D | Set of Universal Track Shoes | 20" | 6671 D | 74 |
| 255902 R91 | Set of Overlapping Track Shoes | 18" | 9631 DA | 74 |
| ⓧ 256298 R91 | Set of Overlapping Track Shoes | 18" | 9136 DA | 80 |
| | Included with Above | | | |
| 40986 DB | Track Shoe Cap Screw | | | 296 |
| 58075 DA | Track Shoe Cap Screw Nut (Order 260714 R1) | | | 296 |
| | **ANGLE GROUSER** | | | |
| ⓧ 256299 R91 | Set of Angle Track Shoes (Detachable Type) | 18" | 61199 D | 80 |
| | Included with Above | | | |
| | Cap Screw, 3/4 x 2-1/4" N.F. Hex Head | | | 160 |
| | Hex Nut, 3/4" N.F. | | | 160 |
| | Lockwasher, 3/4" | | | 160 |

| PART NUMBER | NAME OR DESCRIPTION | SIZE | TRACK SHOE | NO. USED |
|---|---|---|---|---|
| | **ICE GROUSER** | | | |
| 49398 D | Set of Staggered Lug Track Shoes (End Lug) | 16" | 6824 D | 37 |
| | (Detachable Type) (Center Lug) | 16" | 6825 D | 37 |
| | (Used with Square Corner, Clipped Corner, and Flat Shoes) | | | |
| ⊛ 49400 D | Set of Westco "V" Type Track Shoes (Used with Flat Shoes) | 16" | 49399 D | 74 |
| 67250 D | Set of Tee Type Track Shoes (Used with Square Corner and Clipped Corner) | 14-1/2" | 67249 D | 74 |
| | Included with Above | | | |
| | Cap Screw, 3/4 x 2-1/8" N.F. Hex. Head | | | 148 |
| | Hex. Nut, 3/4" N.F. | | | 148 |
| | Lockwasher, 3/4" | | | 148 |
| | **STAGGERED LUG ICE GROUSER AND SNOW** | | | |
| 47210 DA | Set of Track Shoes (Center Lug) | 16" | 47213 DA | 37 |
| | (End Lug) | 16" | 47214 DA | 37 |
| 47211 DA | Set of Track Shoes (Center Lug) | 18" | 47215 DA | 37 |
| | (End Lug) | 18" | 47216 DA | 37 |
| 47212 DA | Set of Track Shoes (Center Lug) | 20" | 47217 DA | 37 |
| | (End Lug) | 20" | 47218 DA | 37 |
| 49326 DA | Set of Track Shoes (Wide Tread) (Center Lug) | 22" | 49327 DA | 37 |
| | (End Lug) | 22" | 49328 DA | 37 |
| 255882 R91 | Set of Track Shoes (Center Lug) | 18" | 47215 DA | 40 |
| | (End Lug) | 18" | 47216 DA | 40 |
| 255883 R91 | Set of Track Shoes (Center Lug) | 20" | 47217 DA | 40 |
| | (End Lug) | 20" | 47218 DA | 40 |
| | Included with Above | | | |
| 40986 DB | Track Shoe Cap Screw | | | 296 |
| 58075 DA | Track Shoe Cap Screw Nut (Order 260714 R1) | | | 296 |
| 40986 DB | Track Shoe Cap Screw | | | 320 |
| 58075 DA | Track Shoe Cap Screw, Nut (Order 260714 R1) | | | 320 |
| | **STREET PLATES** (Used with Square Corner, Clipped Corner, and Staggered Lug Ice Grouser and Snow) | | | |
| ⊛ 46685 D | Set of Street Plates | 14" | 46686 DA | 38 |
| | Cap Screw, 3/4 x 1-3/4" N.F. Hex. Head | | | 76 |
| | Hex. Nut, 3/4" N.F. | | | 76 |
| | Lockwasher, 3/4" | | | 76 |
| ⊛ 49438 D | Set of Street Plates | 14" | 46686 DA | 74 |
| | Cap Screw, 3/4 x 1-3/4" N.F. Hex. Head | | | 148 |
| | Hex. Nut, 3/4" N.F. | | | 148 |
| | Lockwasher, 3/4" | | | 148 |
| ⓧ 256300 R91 | Set of Street Plates | 14" | 46686 DA | 80 |
| | Cap Screw, 3/4 x 1-3/4" N.F. Hex. Head | | | 160 |
| | Hex. Nut, 3/4" N.F. | | | 160 |
| | Lockwasher, 3/4" | | | 160 |
| ⓧ 256301 R91 | Set of Street Plates | 14" | 46686 DA | 40 |
| | Cap Screw 3/4 x 1-3/4" N.F. Hex. Head | | | 80 |
| | Hex. Nut, 3/4" N.F. | | | 80 |
| | Lockwasher, 3/4" | | | 80 |

ⓧ - For Use with Extended Track Frame and Large Front Idler Attachment
⊛ - Machine Attachment
‡ - For Use with Large Diameter Front Idler Attachment Only



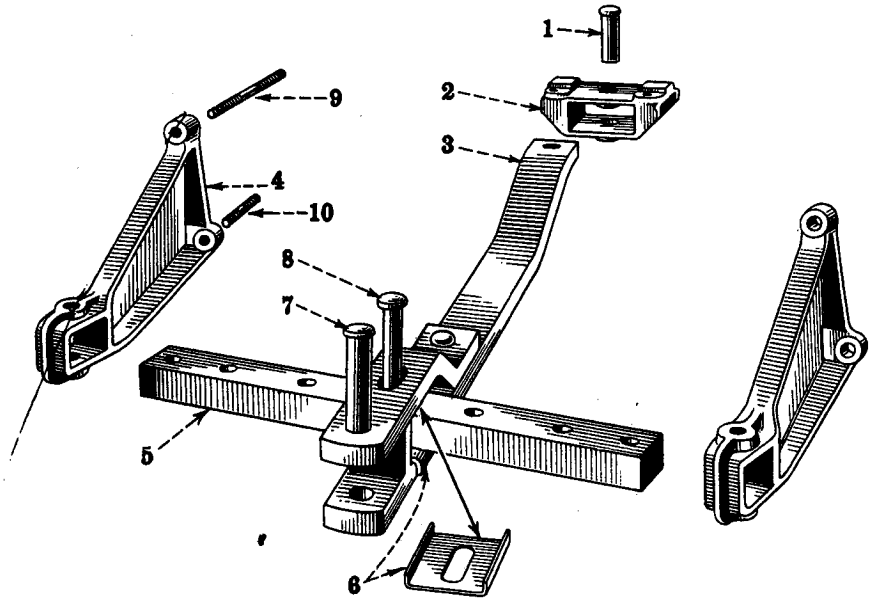

*Reference numbers only are shown in illustration. Use I H C part numbers in ordering.*
*Unnumbered parts in the illustrations are the same as corresponding parts shown with numbers.*

## EQUALIZER SPRING
**(Not Rigid Track Frame)**

| | | | | |
|---|---|---|---|---|
| 41442 D | 1 | Equalizer Spring Saddle Bolt Nut (Not Wide Tread) | 12 | |
| | | (Wide Tread) | 16 | |
| 5772 DAX | 2 | Equalizer Spring Saddle, Upper with Wearing Pad, | | |
| | | 41440 D and 2 Rivets, 3/8 x 1-1/2" Countersunk Head | | |
| | | (Not Wide Tread) TDR 501 to 2778 | 1 | |
| 5773 DAX | 2 | Equalizer Spring Saddle, Upper with Wearing Pad, | | |
| | | 41440 D and 2 Rivets, 3/8 x 1-1/2" Countersunk Head | | |
| | | (Wide Tread) | 1 | |
| 9176 DX | 2 | Equalizer Spring Saddle, Upper with Wearing Pad, | | |
| | | 41440 D and 2 Countersunk Head Rivets, 3/8 x 1-1/2" | | |
| | | (Not Wide Tread) TDR 2779 up | 1 | |
| | | | | |
| 41458 DX | 3 | Equalizer Spring Leaf Center Bolt, 1/2 x 6" N.F. with Nut | 1 | |
| | | | | |
| 41441 D | 4 | Equalizer Spring Saddle Bolt (Not Wide Tread) | 12 | |
| | | (Wide Tread) | 16 | |
| 41440 D | 5 | Equalizer Spring Saddle Wearing Pad | 1 | |
| | | Rivet, 3/8 x 1-3/4" Countersunk Head | 2 | |
| | | | | |
| | | | | |
| 41444 D | 7 | Equalizer Spring Frame Pad, Upper Dowel Bolt | 4 | |
| | 6 | Lockwasher, 5/8" | 4 | |
| 41443 D | 8 | Equalizer Spring Frame Pad, Upper | 1 | |
| | | | | |
| | | | | |

| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D |
|---|---|---|---|---|
| | | **EQUALIZER SPRING—Continued** | | |
| | | **(Not Rigid Track Frame)** | | |
| 41451 D | 9 | Equalizer Spring Leaf No. 6 (Not Wide Tread) | | 1 |
| 41457 D | 9 | Equalizer Spring Leaf No. 6 (Wide Tread) | | 1 |
| 41450 D | 10 | Equalizer Spring Leaf No. 5 with Clip (Not Wide Tread) | | 1 |
| 41456 D | 10 | Equalizer Spring Leaf No. 5 with Clip (Wide Tread) | | 1 |
| 41449 D | 11 | Equalizer Spring Leaf No. 4 (Not Wide Tread) | | 1 |
| 41455 D | 11 | Equalizer Spring Leaf No. 4 (Wide Tread) | | 1 |
| 41448 D | 12 | Equalizer Spring Leaf No. 3 (Not Wide Tread) | | 1 |
| 41454 D | 12 | Equalizer Spring Leaf No. 3 (Wide Tread) | | 1 |
| 41447 D | 13 | Equalizer Spring Leaf No. 2 (Not Wide Tread) | | 1 |
| 41453 D | 13 | Equalizer Spring Leaf No. 2 (Wide Tread) | | 1 |
| 41446 D | 14 | Equalizer Spring Leaf No. 1 (Not Wide Tread) | | 1 |
| 41452 D | 14 | Equalizer Spring Leaf No. 1 (Wide Tread) | | 1 |
| 5777 D | 15 | Equalizer Spring Guide Pad | | 2 |
| 5774 DA | 16 | Equalizer Spring Saddle, Lower (Not Wide Tread) | | 1 |
| 5775 DA | 16 | Equalizer Spring Saddle, Lower (Wide Tread) | | 1 |
| 41445 D | 17 | Equalizer Spring Frame Pad Lower Dowel Bolt | | 4 |
| | 18 | Lockwasher, 7/8" | | 4 |
| 5776 DA | 19 | Equalizer Spring Frame Pad, Lower | | 1 |
| | | Cap Screw, 7/8 x 4" N.C. Hex. Head | | 3 |
| | | Cap Screw, 7/8 x 4-1/4" N.C. Hex. Head | | 3 |
| | | Lockwasher, 7/8" | | 6 |
| 8300 DA | 20 | Equalizer Spring Bumper Pad Bracket (Not Wide Tread) | TDR 808 to 975 | 2 |
| | | Cap Screw, 7/8 x 3" N.C. Hex. Head | | 8 |
| | | Lockwasher, 7/8" | | 8 |
| 8301 DA | 20 | Equalizer Spring Bumper Pad Bracket (Wide Tread) | TDR 808 to 975 | 2 |
| | | Cap Screw, 7/8 x 3" N.C. Hex. Head | | 8 |
| | | Lockwasher, 7/8" | | 8 |
| 8364 DA | 20 | Equalizer Spring Bumper Pad Bracket (Wide Tread) | | |
| | | (Order 62402 D) | TDR 976 to 3415 | 2 |
| | | Cap Screw, 7/8 x 3" N.C. Hex. Head | | 8 |
| | | Lockwasher, 7/8" | | 8 |
| 8572 DA | 20 | Equalizer Spring, Bumper Pad Bracket (Not Wide Tread) | | |
| | | (Order 62401 D) | TDR 976 to 2778 | 2 |
| | | Cap Screw, 7/8 x 3" N.C. Hex. Head | | 8 |
| | | Lockwasher, 7/8" | | 8 |
| 8941 DX | 20 | Equalizer Spring Bumper Pad Bracket, L.H. (Wide Tread) | TDR 3416 up | 1 |
| | | Cap Screw, 7/8 x 3" N.C. Hex. Head | | 4 |
| | | Lockwasher, 7/8" | | 4 |
| 8942 DX | 20 | Equalizer Spring Bumper Pad Bracket, R.H. (Wide Tread) | TDR 3416 up | 1 |
| | | Cap Screw, 7/8 x 3" N.C. Hex. Head | | 4 |
| | | Lockwasher, 7/8" | | 4 |

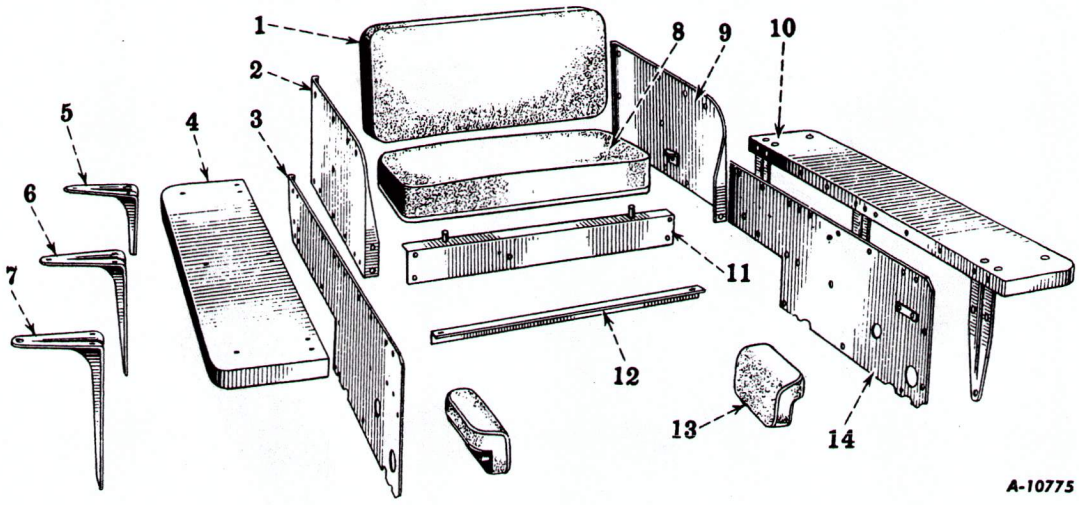
| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D | |
|---|---|---|---|---|---|
| | | **EQUALIZER SPRING—Continued** (Not Rigid Track Frame) | | | |
| 9166 DX | 20 | Equalizer Spring Bumper Pad Bracket, L. H. (Not Wide Tread) | TDR 2779 up | 1 | |
| | | Cap Screw, 7/8 x 3" N.C. Hex. Head | | 4 | |
| | | Lockwasher, 7/8" | | 4 | |
| 9167 DX | 20 | Equalizer Spring Bumper Pad Bracket, R.H. (Not Wide Tread) | TDR 2779 up | 1 | |
| | | Cap Screw, 7/8 x 3" N.C. Hex. Head | | 4 | |
| | | Lockwasher, 7/8" | | 4 | |
| 62401 D | 20 | Equalizer Spring Bumper Pad Bracket, Complete | | | |
| | | (Not Wide Tread)(Will Work for 8572 DA) | TDR 976 to 2778 | 1 | |
| 62402 D | 20 | Equalizer Spring Bumper Pad Bracket, Complete | | | |
| | | (Wide Tread)(Will Work for 8364 DA) | TDR 976 to 3415 | 1 | |
| 41438 D | 21 | Equalizer Spring (6 Leaves)(Not Wide Tread) | | 1 | |
| 41439 D | 21 | Equalizer Spring (6 Leaves)(Wide Tread) | | 1 | |
| 58955 DA | 22 | Equalizer Spring Bumper Pad | TDR 2779 up | 2 | |
| 52443 D | | Field Change Improvement Package (Not Wide Tread)(Consists of | | | |
| | | 2 Brackets, 8300 DA with 8 Cap Screws, | | | |
| | | 7/8 x 3" N.C. Hex. Head and Lockwashers) | TDR 501 to 807 | 1 | |
| 52444 D | | Field Change Improvement Package (Wide Tread)(Consists of | | | |
| | | 2 Brackets, 8301 DA with 8 Cap Screws, | | | |
| | | 7/8 x 3" N.C. Hex. Head and Lockwashers ) | TDR 501 to 807 | 1 | |




*Reference numbers only are shown in illustration. Use I H C part numbers in ordering.*
*Unnumbered parts in the illustrations are the same as corresponding parts shown with numbers.*

## DRAWBAR

| | | | | |
|---|---|---|---|---|
| 41589 D | 1 | Drawbar Pivot Pin | | 1 |
| 5831 DA | 2 | Drawbar Pivot Bracket | | 1 |
| | | Cap Screw, 1 x 3" N.C. Hex. Head | | 4 |
| | | Lockwasher, 1" | | 4 |
| | | | | |
| 41595 D | 3 | Drawbar, Complete | | 1 |
| | | Rivet, 1 1/4 x 5-1/2" Round Head - Thru Upper Jaw | | 2 |
| | | | | |
| 5830 DB | 4 | Drawbar Guide Bracket | | 2 |
| | | Cap Screw, 1 x 3" N.C. Hex. Head | TDR 501 to 1551 | 4 |
| | | Cap Screw, 1 x 3-3/4" N.C. Hex. Head | TDR 501 to 1551 | 2 |
| | | Lockwasher, 1" | | 6 |
| 41591 DA | 5 | Drawbar Guide | | 1 |
| | | Cap Screw, 1-1/4 x 7" N.F. Hex. Head | | 2 |
| | | Hex. Nut, 1-1/4" N.F. | | 2 |
| | | Lockwasher, 1-1/4" | | 2 |
| | | | | |
| 41592 D | 6 | Drawbar Clevis Wear Plate | | 2 |
| 41593 D | 7 | Drawbar Clevis Pin | | 1 |
| | | Cotter Pin, 1/2 x 3" | | 1 |
| | | | | |
| 41594 D | 8 | Drawbar Stop Pin | | 1 |
| | | Cotter Pin, 1/4 x 2-1/4" | | 1 |
| | | | | |
| 57387 D | 9 | Drawbar Guide Bracket Stud, Upper | TDR 1552 up | 2 |
| | | Hex. Nut, 1" N.F. | | 2 |
| 57386 D | 10 | Drawbar Guide Bracket Stud, Lower | TDR 1552 up | 4 |
| | | Hex. Nut, 1" N.F. | | 4 |




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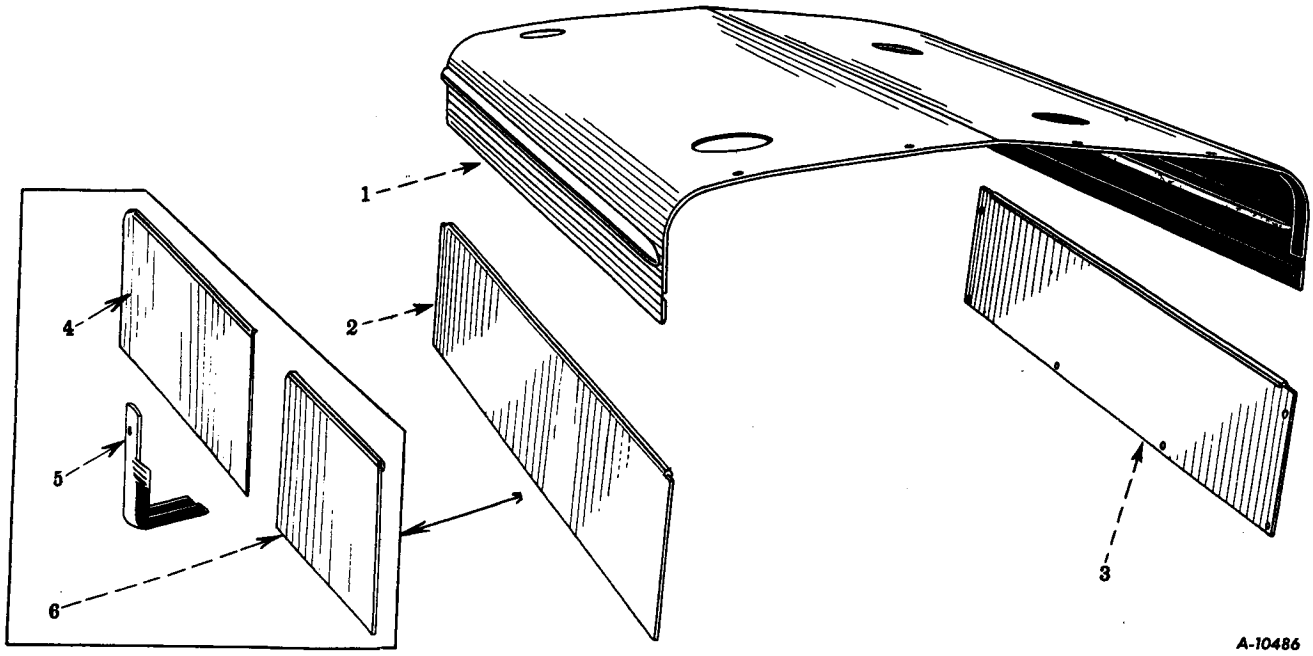
## SEAT AND FENDERS

| | | | | |
|---|---|---|---|---|
| 42635 D | 1 | Seat Cushion - Back (Not Three Man Cab and Seat) | TDR 501 to 13000 | 1 |
| | | Cap Screw, 3/8 x 3/4" N.C. | | 2 |
| | | Lockwasher, 3/8" | | 2 |
| 250014 R1 | 1 | Seat Cushion Back (Not Three Man Cab and Seat) | TDR 501 to 13000 | |
| | | (Will Work for 42635 D) | | 1 |
| | | Cap Screw, 3/8 x 3/4" N.C. | | 2 |
| | | Lockwasher, 3/8" | | 2 |
| 255082 R91 | 1 | Seat Chushion Back | TDR 13001 up | 1 |
| | | Cap Screw, 3/8 x 3/4" N.C. Hex. Head | | 2 |
| | | Lockwasher, 3/8" | | 2 |
| 42628 DX | 2 | Seat Side Sheet, R.H. with Angle Bracket | | |
| | | (Not Three Man Cab and Seat) | | 1 |
| | | Cap Screw, 3/8 x 5/8' N.C. Hex. Head | | 4 |
| | | Hex. Nut, 3/8" N.C. | | 2 |
| | | Lockwasher, 3/8" | | 4 |
| 41536 DX | 3 | Fender Side Sheet, R.H. with Spacer | | 1 |
| | | Cap Screw, 3/8 x 3/4" N.F. Hex. Head | | 4 |
| | | Cap Screw, 3/8 x 3/4" N.C. Hex. Head | | 1 |
| | | Hex. Nut, 3/8" N.F. | | 4 |
| | | Lockwasher, 3/8" | | 5 |
| | | Washer, 7/8" O.D. x 13/32" I.D. x No. 16 Ga. | | 5 |
| 42623 DA | 4 | Fender, R.H. | | 1 |
| | | Carriage Bolt, 3/8 x 5/8" N.C. | | 9 |
| | | Cap Screw, 3/8 x 3/4" N.F. Hex. Head | | 6 |
| | | Hex. Nut, 3/8" N.C. | | 9 |
| | | Hex. Nut, 3/8" N.F. | | 5 |
| | | Lockwasher, 3/8" | | 15 |
| | | Washer, 7/8" O.D. x 13/32" I.D. x No. 16 Ga. | | 2 |

## SEAT AND FENDERS—Continued

| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D |
|---|---|---|---|---|
| 42626 D | 5 | Fender Bracket, Rear | | 2 |
| | | Cap Screw, 3/8 x 1" N.F. Hex. Head | | 4 |
| | | Cap Screw, 1/2 x 1" N.F. Hex. Head | | 8 |
| | | Hex. Nut, 3/8" N.F. | | 4 |
| | | Hex. Nut, 1/2" N.F. | | 8 |
| | | Lockwasher, 3/8" N.F. | | 4 |
| | | Lockwasher, 1/2" N.F. | | 8 |
| 42625 D | 6 | Fender Bracket, Center | | 2 |
| | | Cap Screw, 3/8 x 1" N.F. Hex. Head | | 4 |
| | | Cap Screw, 1/2 x 3/4" N.C. Hex. Head | | 2 |
| | | Cap Screw, 1/2 x 1" N.F. Hex Head | | 4 |
| | | Hex. Nut, 3/8" N.F. | | 4 |
| | | Hex. Nut, 1/2" N.F. | | 4 |
| | | Lockwasher, 3/8" | | 4 |
| | | Lockwasher, 1/2" | | 6 |
| 42624 D | 7 | Fender Bracket, Front | | 2 |
| | | Cap Screw, 3/8 x 1" N.F. Hex. Head | | 4 |
| | | Cap Screw, 1/2 x 3/4" N.C. Hex. Head | | 2 |
| | | Cap Screw, 1/2 x 1-3/4" N.C. Hex. Head | | 4 |
| | | Hex. Nut, 3/8" N.F. | | 4 |
| | | Hex Nut, 1/2" N.F. | | 4 |
| | | Lockwasher, 3/8" | | 4 |
| | | Lockwasher, 1/2" | | 6 |
| 255083 R91 | 8 | Seat Cushion Bottom | TDR 13001 up | 1 |
| 42636 D | 8 | Seat Cushion - Bottom (Not Three Man Cab and Seat) | TDR 501 to 13000 | 1 |
| 250015 R1 | 8 | Seat Cushion Bottom (Not Three Man Cab and Seat) | TDR 501 to 13000 | |
| | | (Will Work for 42636 D) | | 1 |
| 42627 DX | 9 | Seat Side Sheet, L.H. with Angle Bracket | | |
| | | (Not Three Man Cab and Seat) | | 1 |
| | | Cap Screw, 3/8 x 5/8" N.C. Hex. Head | | 4 |
| | | Hex. Nut, 3/8" N.C. | | 2 |
| | | Lockwasher, 3/8" | | 4 |
| 42622 DA | 10 | Fender, L.H. | | 1 |
| | | Carriage Bolt, 3/8 x 5/8" N.C. | | 9 |
| | | Cap Screw, 3/8 x 3/4" N.F. Hex. Head | | 6 |
| | | Hex. Nut, 3/8" N.C. | | 9 |
| | | Hex. Nut, 3/8" N.F. | | 5 |
| | | Lockwasher, 3/8" | | 15 |
| | | Washer, 7/8" O.D. x 13/32" I.D. x No. 16 Ga. | | 2 |

| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D |
|---|---|---|---|---|
| | | **SEAT AND FENDERS—Continued** | | |
| 42629 DX | 11 | Seat Support, Front with Guides | | |
| | | (Not Three Man Cab and Seat) | | 1 |
| | | Cap Screw, 3/8 x 3/4" N.F. Hex. Head | | 4 |
| | | Hex. Nut, 3/8" N.F. | | 4 |
| | | Lockwasher, 3/8" | | 4 |
| 42630 D | 12 | Tool Box and Seat Support Angle, Rear | | |
| | | (Not Three Man Cab and Seat) | | 1 |
| | | Cap Screw, 3/8 x 3/4" N.F. | | 2 |
| | | Hex. Nut, 3/8" N.F. | | 2 |
| | | Lockwasher, 3/8" | | 2 |
| 255077 R91 | 13 | Seat Cushion, Side | TDR 13001 up | 2 |
| | | Cap Screw, 5/16 x 3/8" N.C. Hex. Head | | 4 |
| | | Hex. Nut, 5/16" N.C. | | 4 |
| | | Lockwasher, 5/16" | | 4 |
| 42634 D | 13 | Seat Cushion - Side (Order 52390 D) | | |
| | | (Not Three Man Cab and Seat) | TDR 501 to 1314 | 2 |
| | | Hex. Nut, 3/8" N.C. | | 4 |
| | | Lockwasher, 3/8" | | 4 |
| 52390 D | 13 | Seat Cushion - Side (Will Work for 42634 D) | | |
| | | (Not Three Man Cab and Seat) | TDR 1315 to 13000 | 2 |
| | | Carriage Bolt, 5/16 x 5/8" | | 4 |
| | | Hex. Nut, 5/16" | | 4 |
| | | Lockwasher, 5/16" | | 4 |
| 250009 R1 | 13 | Seat Cushion Side (Will work for 52390 D) | TDR 501 to 13000 | |
| | | (Not Three Man Cab and Seat) | | 2 |
| | | Carriage Bolt, 5/16 x 5/8" | | 4 |
| | | Hex Nut, 5/16" | | 4 |
| | | Lockwasher, 5/16" | | 4 |
| 41535 DX | 14 | Fender Side Sheet, L.H. with Spacer | | 1 |
| | | Cap Screw, 3/8 x 3/4" N.F. Hex. Head | | 4 |
| | | Cap Screw, 3/8 x 3/4" N.C. Hex. Head | | 1 |
| | | Hex. Nut, 3/8" N.F. | | 4 |
| | | Lockwasher, 3/8" | | 5 |
| | | Washer, 7/8" O.D. x 13/32" I.D. x No. 16 Ga. | | 5 |
| 42633 DA | | Tool Box (Not Three Man Cab and Seat) | | 1 |



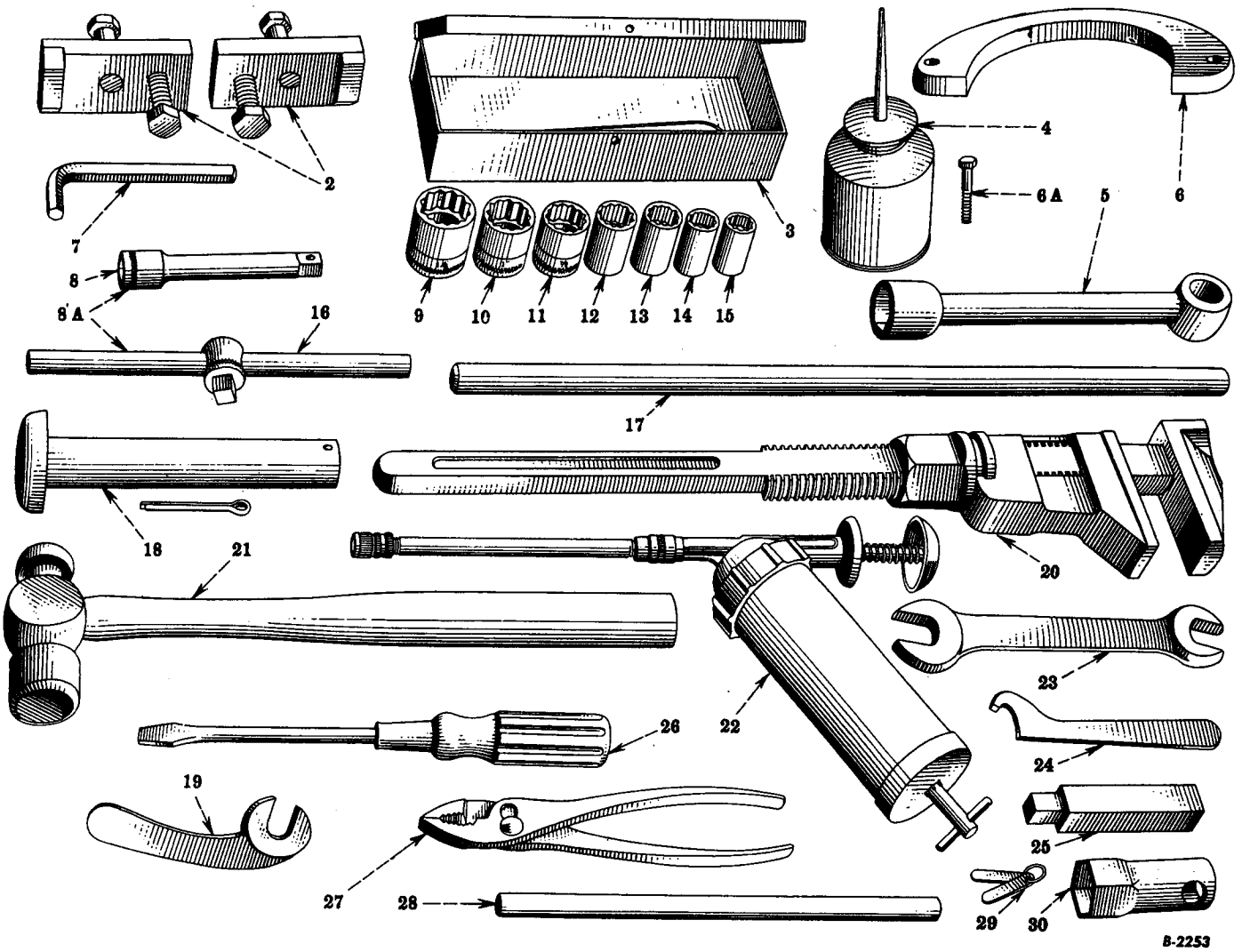

*Reference numbers only are shown in illustration. Use I H C part numbers in ordering.*
*Unnumbered parts in the illustrations are the same as corresponding parts shown with numbers.*

## HOOD AND SIDE SHEETS

| | | | | |
|---|---|---|---|---|
| 42598 DAX | 1 | Hood Sheet with Reinforcement | TDR 501 to 1653 | 1 | |
| | | Cap Screw, 3/8 x 1" N.C. Hex. Head | | 8 | |
| | | Bolt, 3/8 x 1-1/4" N.C. (Slotted) Flat Head | | 4 | |
| | | Hex. Nut, 3/8" N.C. | | 4 | |
| | | Lockwasher, 3/8" | | 12 | |
| | | Washer, 13/32" I.D. x 7/8" O.D. x No. 16 Ga. | | 8 | |
| 59107 DX | 1 | Hood Sheet with Reinforcement | TDR 1654 to 13000 | 1 | |
| | | Cap Screw, 3/8 x 7/8" N.C. Hex Head | | 8 | |
| | | Screw, 3/8 x 1-1/4" N.C. (Slotted) Flat Head | | 4 | |
| | | Screw, 3/8 x 1-3/8" N.C. (Slotted) Flat Head | | 2 | |
| | | Hex. Nut, 3/8" N.C. | | 4 | |
| | | Lockwasher, 3/8" | | 12 | |
| | | Washer, 13/32" I.D. x 7/8" O.D. x No. 16 Ga. | | 8 | |
| | | | | | |
| 251632 R11 | 1 | Hood Sheet with Reinforcement | TDR 13001 up | | |
| | | | | | |
| | | | | | |
| | | | | | |
| 58378 D | 2 | Engine Side Sheet, L.H. | TDR 1654 up | 1 | |
| | | Cap Screw, 3/8 x 3/4" N.C. Hex. Head | | 6 | |
| | | Lockwasher, 3/8" | | 6 | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| 42594 D | 3 | Engine Side Sheet, R.H. | | 1 | |
| | | Cap Screw, 3/8 x 3/4" N.C. Hex. Head | | 6 | |
| | | Lockwasher, 3/8" | | 6 | |

| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D | |
|---|---|---|---|---|---|
| | | **HOOD AND SIDE SHEETS** | | | |
| 42593 D | 4 | Engine Side Sheet, L.H. | TDR 501 to 750 | 1 | |
| | | Cap Screw, 3/8 x 3/4" N.C. Hex. Head | | 3 | |
| | | Cap Screw, 3/8 x 3/4" N.F. Hex. Head | | 2 | |
| | | Hex. Nut, 3/8" N.F. | | 1 | |
| | | Lockwasher, 3/8" | | 5 | |
| 48375 D | 4 | Engine Side Sheet, L.H. | TDR 751 to 1653 | 1 | |
| | | Cap Screw, 3/8 x 3/4" N.C. Hex. Head | | 3 | |
| | | Cap Screw, 3/8 x 3/4" N.F. Hex. Head | | 2 | |
| | | Hex. Nut, 3/8" N.F. | | 1 | |
| | | Lockwasher, 3/8" | | 5 | |
| 42595 D | 5 | Engine Side Sheet Support, L.H. | TDR 501 to 1653 | 1 | |
| | | Cap Screw, 3/8 x 3/4" N.F. Hex. Head | TDR 501 to 999 | 2 | |
| | | Cap Screw, 3/8 x 3/4" N.C. Hex. Head | TDR 1000 to 1653 | 2 | |
| | | Lockwasher, 3/8" | | 2 | |
| 42592 DX | 6 | Air Cleaner Inspection Hole Cover with Holders and Slides | TDR 501 to 750 | 1 | |
| 48376 DX | 6 | Air Cleaner Inspection Hole Cover with Holders and Slides | TDR 751 to 1653 | 2 | |
| 255030 R11 | | Hood Sheet with Front and Rear Reinforcements ( ⊛ Pipe Layer Modification Superior 1A) | | 1 | |
| 1627 Y | | Hood Grommet (Electric Lighting - Special) (Tractors Equipped with Bull Dozer) | | 2 | |

⊛ - For Tabulation of Modifications See Introductory Page

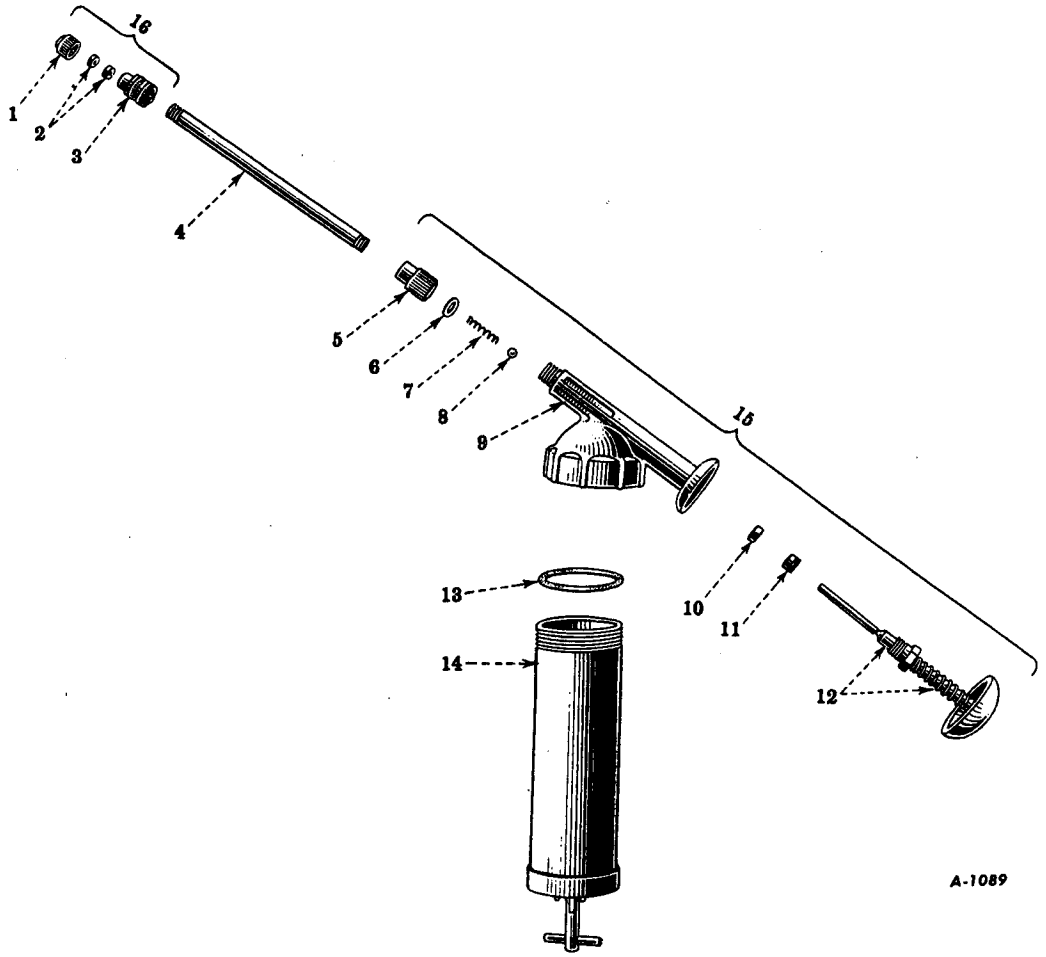



*Reference numbers only are shown in illustration. Use I H C part numbers in ordering.*

## TOOLS

| | | | | |
|---|---|---|---|---|
| 19329 D | | Socket Wrench Set and Carrying Case (Includes Reference No. | | |
| | | 3 and 9 to 16 incl., also 25) (68405 DX Will Work) | | 1 |
| 68405 DX | | Socket Wrench Set with Drain Plug Wrench (Includes Reference | | |
| | | No. 3 and 8 to 16 incl. also 25) (19329 D Will Work) | | 1 |
| 58920 DAX | 2 | Steering Clutch Compressor Angle Tool with Block | TDR 2065 up | 2 |
| | | Cap Screw, 1/2 x 2-1/4" N.C., Hex Head | | 2 |
| | | Cap Screw, 5/8 x 1-1/2" N.C., Hex Head | | 2 |
| 19328 D | 3 | Socket Wrench Set Carrying Case (68416 D Will Work) | | 1 |
| 68416 D | 3 | Socket Wrench Set Carrying Case (19328 D Will Work) | | 1 |
| H 156 | 4 | Oil Can | | 1 |
| 25462 DA | 5 | Stem Handled Socket Wrench, 1-1/32" | | 1 |
| 5969 DA | 6 | Steering Clutch Compressor Tool | TDR 501 to 2064 | 1 |
| 42958 D | 6A | Steering Clutch Compressor Tool Cap Screw | TDR 501 to 2064 | 2 |
| | | | | |
| 50092 D | 7 | Steering Clutch Pilot Bearing Retainer Bolt Wrench | TDR 866 up | 1 |
| | | | | |

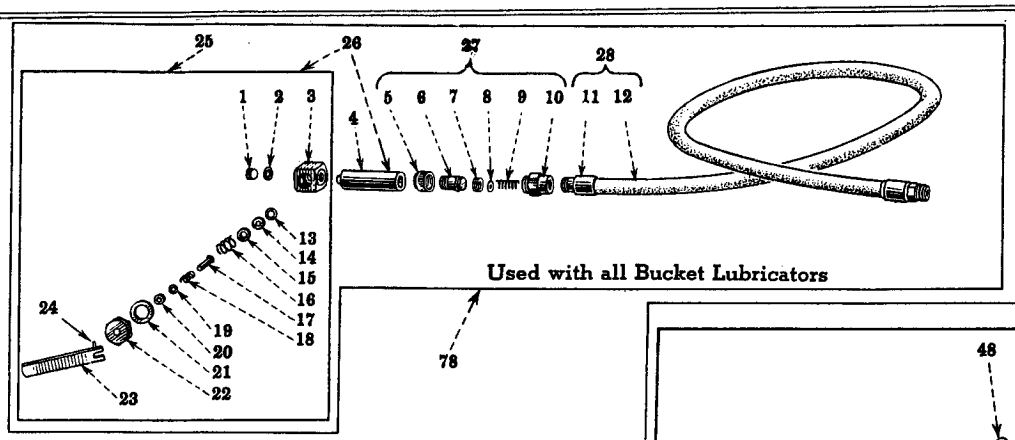
| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D |
|---|---|---|---|---|
| | | **TOOLS** | | |
| 68414 D | 8 | Socket Wrench Handle Extension | | 1 |
| 68413 DX | 8A | Socket Wrench "T" Handle with Extension (19323 D Will Work) | | 1 |
| 19327 D | 9 | Hex Socket Wrench, 1-1/8" (68412 D Will Work) | | 1 |
| 68412 D | 9 | Hex Socket Wrench, 1-1/8" (19327 D Will Work) | | 1 |
| 19326 D | 10 | Hex Socket Wrench, 1" (68411 D Will Work) | | 1 |
| 68411 D | 10 | Hex Socket Wrench, 1" (19326 D Will Work) | | 1 |
| 19324 D | 11 | Hex Socket Wrench, 7/8" (68410 D Will Work) | | 1 |
| 68410 D | 11 | Hex Socket Wrench, 7/8" (19324 D Will Work) | | 1 |
| 19325 D | 12 | Hex Socket Wrench, 13/16" (68409 D Will Work) | | 1 |
| 68409 D | 12 | Hex Socket Wrench, 13/16" (19325 D Will Work) | | 1 |
| 19292 D | 13 | Hex Socket Wrench, 3/4" (68408 D Will Work) | | 1 |
| 68408 D | 13 | Hex Socket Wrench, 3/4" (19292 D Will Work) | | 1 |
| 19291 D | 14 | Hex Socket Wrench, 5/8" (68407 D Will Work) | | 1 |
| 68407 D | 14 | Hex Socket Wrench, 5/8" (19241 D Will Work) | | 1 |
| 19289 D | 15 | Hex Socket Wrench, 9/16" (68406 D Will Work) | | 1 |
| 68406 D | 15 | Hex Socket Wrench, 9/16" (19289 D Will Work) | | 1 |
| 19323 D | 16 | Socket Wrench Handle (Combination Off-set and "T") (68413 DX Will Work) | | 1 |
| 68413 D | 16 | Socket Wrench "T" Handle | | 1 |
| 25463 D | 17 | Stem Handled Socket Wrench Handle | | 1 |
| 41954 D | 18 | Drawbar Stop Pin | | 1 |
| | | Cotter Pin, 1/4 x 2-1/4" | | 1 |
| 9534 DA | 19 | Front Idler Adjuster Wrench (Will Work for 2584 T) | | 1 |
| 2584 T | 20 | Monkey Wrench, 21" (9534 D Will Work) (Order 9534 DA) | | 1 |
| 2583 T | 21 | Ball Peen Hammer, 1-1/2 lb. | | 1 |
| Q 3794 | 22 | Hand Lubricator (9 oz. Size) (See Detail Lists) | | 1 |
| 1326 E | 23 | "S" Wrench (3/4 x 7/8") | | 1 |
| 11858 DA | 24 | Water Pump Wrench | TDR 501 to 13000 | 1 |
| 20156 D | 25 | Square Drain Plug Socket Wrench, 1/2" (68415 D Will Work) | | 1 |
| 20157 D | 25 | Square Drain Plug Socket Wrench, 11/16" (68415 D Will Work) | | 1 |
| 68415 D | 25 | Socket Head Plug Wrench, 1/2 x 3/4" (20156 D and 20157 D Will Work) | | 1 |
| 2588 T | 26 | Screw Driver, 5" (Wood Handle) | | 1 |
| 2587 T | 27 | Combination Slip Joint Pliers, 8" | | 1 |
| 25466 D | 28 | Spark Plug Wrench Handle | | 1 |
| 45578 DA | 29 | Breaker Point and Spark Plug Gauge, TD-18 | | 1 |
| 32941 D | 30 | Spark Plug Wrench, 31/32" | | 1 |
| 65227 D | | Sprocket Drive Carrier Plate Tool (Field Change) (Not Wide Thread) | | 1 |




*Reference numbers only are shown in illustration. Use I H C part numbers in ordering.*

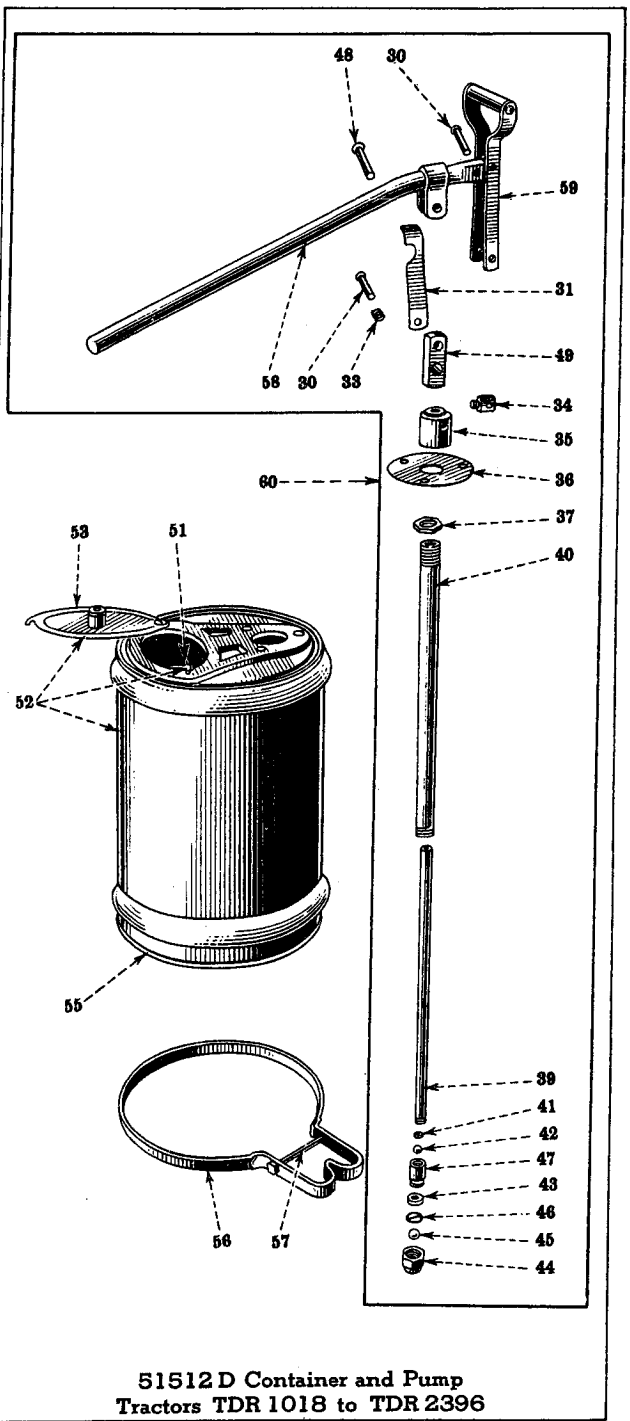
**HAND LUBRICATOR** (Lincoln Engineering Company)

| | | | | | |
|---|---|---|---|---|---|
| Q 3794 | | 1020 | Hand Lubricator - 9 Ounces | 1 | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| 39653 D | 1 | 10-733 | Nozzle Cap | 1 | |
| 39656 DX | 2 | 34-050 | Set of Two Linpack Washer | 1 | |
| 39652 D | 3 | 10-539 | Nozzle Body | 1 | |
| 1/8 x 6" | 4 | 67-020 | Pipe Nipple (TBE) - Nozzle Extension | 1 | |
| 39875 D | 5 | 10-453 | Nozzle Cap Adapter | 1 | |
| 39655 D | 6 | 33-018 | Nozzle Cap Adapter Gasket | 1 | |
| 39870 D | 7 | 55-046 | Pump Check Spring | 1 | |
| 39659 D | 8 | 66-011 | Pump Check Ball, 7/32" | 1 | |
| 39868 D | 9 | 41-052 | Pump Body Casting | 1 | |
| 39665 D | 10 | 34-034 | Plunger Packing | 1 | |
| 39651 D | 11 | 10-492 | Plunger Packing Screw | 1 | |
| 39663 D | 12 | 89-975 | Plunger, Assembly | 1 | |
| 39654 D | 13 | 32-029 | Container Gasket | 1 | |
| 39661 D | 14 | 81-093 | Container Tube, Assembly | 1 | |
| 39662 D | 15 | 89-974 | Head, Assembly | 1 | |
| 39800 D | 16 | 5804-1 | Nozzle, Complete | 1 | |
| | | | | | |



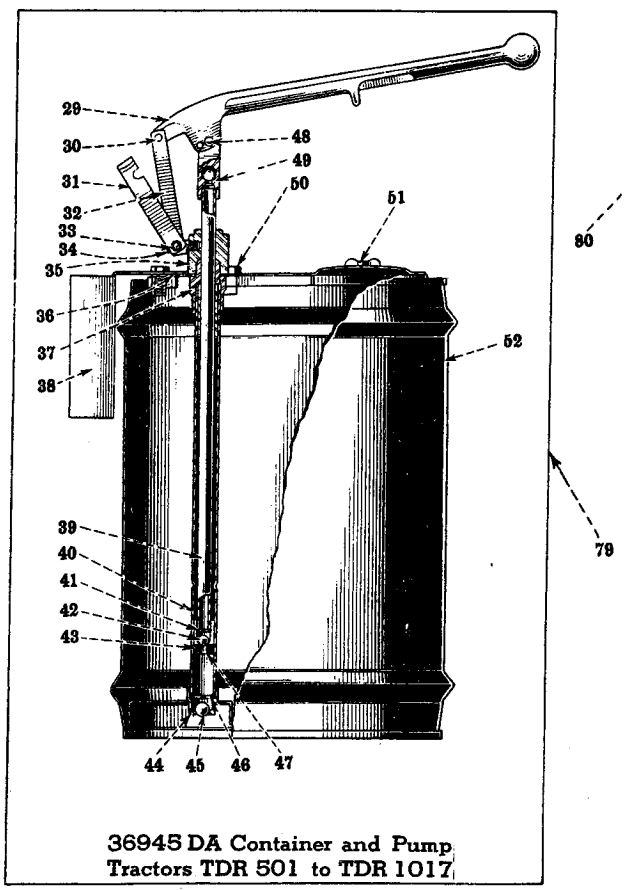

Used with all Bucket Lubricators

78




51512 D Container and Pump
Tractors TDR 1018 to TDR 2396

80



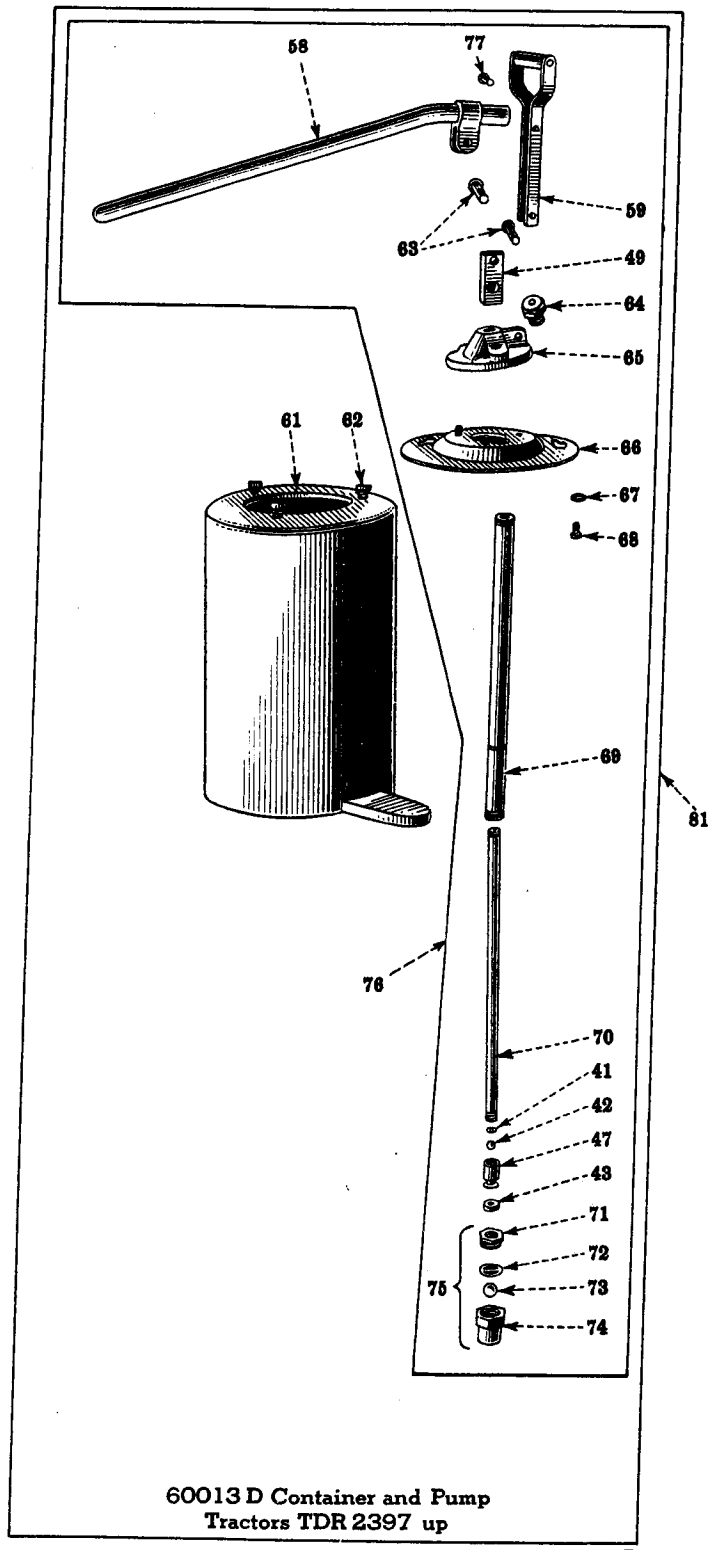

36945 DA Container and Pump
Tractors TDR 501 to TDR 1017

79

B-2736

BUCKET LUBRICATOR

*Reference numbers only are shown in illustration. Use I H C part numbers in ordering.*




60013 D Container and Pump
Tractors TDR 2397 up

B-2137

**BUCKET LUBRICATOR**

*Reference numbers only appear in the illustrations. Refer to list for part numbers.*

## BUCKET LUBRICATOR (Lincoln Engineering Company)

| I H C PART NUMBER | REF. NO. | MFR'S. NUMBER | DESCRIPTION | SERIAL NUMBER | NO. REQ'D |
|---|---|---|---|---|---|
| 40649 D | 1 | 10-618 | Bucket Lubricator Hose Coupler Nozzle Body Plug | | 1 |
| 40657 D | 2 | 31-016 | Bucket Lubricator Hose Coupler Plug Gasket | | 1 |
| 40648 D | 3 | 10-617 | Bucket Lubricator Hose Coupler Giant Nozzle Body | | 1 |
| 40643 D | 4 | 10-536 | Bucket Lubricator Hose Coupler Adapter | TDR 501 to 1017 | 1 |
| 53187 D | 4 | 11-137 | Bucket Lubricator Hose Coupler Adapter | TDR 1018 up | 1 |
| 40642 D | 5 | 10-534 | Bucket Lubricator Hose Swivel Collar | | 1 |
| 40641 D | 6 | 10-533 | Bucket Lubricator Hose Swivel Stud | | 1 |
| 40631 D | 7 | 36-019 | Bucket Lubricator Hose Swivel Cup Leather | | 1 |
| 40703 D | 8 | 48-080 | Bucket Lubricator Hose Swivel Washer | | 1 |
| 40713 D | 9 | 56-014 | Bucket Lubricator Hose Swivel Spring | | 1 |
| 40646 D | 10 | 10-541 | Bucket Lubricator Hose Swivel Body | | 1 |
| 40725 D | 11 | 80-356 | Bucket Lubricator Hose Fitting | | 2 |
| 40723 D | 12 | 73-060 | Bucket Lubricator Hose, 5 Feet | TDR 501 to 2396 | 1 |
| 40693 D | 13 | 45-033 | Bucket Lubricator Hose Coupler Giant Packing Washer | | 1 |
| 40661 D | 14 | 34-037 | Bucket Lubricator Hose Coupler Giant Packing | | 1 |
| 40636 D | 15 | 10-450 | Bucket Lubricator Hose Coupler Check Nut | | 1 |
| 40712 D | 16 | 55067 | Bucket Lubricator Hose Coupler Check Seat Spring | | 1 |
| 40644 D | 17 | 10-537 | Bucket Lubricator Hose Coupler Plunger | | 1 |
| 40711 D | 18 | 55-063 | Bucket Lubricator Hose Coupler Plunger Spring | | 1 |
| 40700 D | 19 | 48-077 | Bucket Lubricator Hose Coupler Packing Washer | | 1 |
| 40628 D | 20 | 34-039 | Bucket Lubricator Hose Coupler Packing | | 1 |
| 40656 D | 21 | 30-012 | Bucket Lubricator Hose Coupler Gland Gasket | | 1 |
| 40640 D | 22 | 10-528 | Bucket Lubricator Hose Coupler Packing Gland | | 1 |
| 40645 D | 23 | 10-538 | Bucket Lubricator Hose Coupler Handle with Pin (Order 53196 D) | TDR 501 to 1017 | 1 |
| 53196 D | 23 | 11-138 | Bucket Lubricator Hose Coupler Handle with Pin (Will Work for 40645 D) | TDR 1018 up | 1 |
| 40647 D | 24 | 10-551 | Bucket Lubricator Hose Coupler Plunger Pin | | 1 |
| 40728 DA | 25 | 81-219 IH | Bucket Lubricator Giant Coupler, Complete | | 1 |
| 36948 D | 26 | 80-463-IH | Bucket Lubricator Hose Coupler, Complete 40728 DA with Adapter, 40643 D | TDR 501 to 1017 | 1 |
| 36947 D | 27 | 80-353 | Bucket Lubricator Hose Swivel, Complete | | 1 |
| 36946 D | 28 | 79-060 | Bucket Lubricator Hose with 2 Fittings, 40725 D (5 Feet) | | 1 |
| 40691 DA | 29 | 40-166 | Bucket Lubricator Pump Handle | TDR 501 to 1017 | 1 |
| 52124 D | 30 | 10-881 | Bucket Lubricator Pump Handle and Latch Toggle Pin | TDR 501 to 2396 | 2 |

| I H C PART NUMBER | REF. NO. | MFR'S. NUMBER | DESCRIPTION | SERIAL NUMBER | NO. REQ'D | |
|---|---|---|---|---|---|---|
| | | | **BUCKET LUBRICATOR (Lincoln Engineering Company)—Continued** | | | |
| 51274 D | 31 | 64-251 | Bucket Lubricator Pump Handle Latch | TDR 501 to 2396 | 1 | |
| 40718 D | 32 | 64-216 | Bucket Lubricator Pump Toggle (Order 52123 D) | TDR 501 to 1017 | 1 | |
| 52123 D | 32 | 45-604 | Bucket Lubricator Pump Toggle | | | |
| | | | (Will Work for 40718 D) | TDR 501 to 1017 | 1 | |
| 51275 D | 33 | 55-114 | Bucket Lubricator Pump Handle Latch Spring | TDR 501 to 2396 | 1 | |
| 40634 D | 34 | 10-131 | Bucket Lubricator Pump Toggle Support | | | |
| | | | (Order 40654 DA) | | 1 | |
| 40654 DA | 35 | 90-348 | Bucket Lubricator Pump Toggle Support and Bushing | | | |
| | | | (Will Work for 40634 D) | TDR 501 to 2396 | 1 | |
| 40704 D | 36 | 48-081 | Bucket Lubricator Pump Washer | TDR 501 to 2396 | 1 | |
| 40650 D | 37 | 10-660 | Bucket Lubricator Pump Tube Adapter | TDR 501 to 1017 | 1 | |
| 52121 D | 37 | 11-552 | Bucket Lubricator Pump Tube Adapter | TDR 501 to 2396 | 1 | |
| 36949 D | 38 | 80-613 | Bucket Lubricator Hose Coupler Holder | TDR 501 to 1017 | 1 | |
| 40717 D | 39 | 62-048 | Bucket Lubricator Pump Plunger Rod | TDR 501 to 1017 | 1 | |
| 52120 D | 39 | 62-079 | Bucket Lubricator Pump Plunger Rod | TDR 1018 to 2396 | 1 | |
| | | | | | | |
| 40716 D | 40 | 61-102 | Bucket Lubricator Pump Tube | TDR 501 to 1017 | 1 | |
| 52076 D | 40 | 61-141 | Bucket Lubricator Pump Tube | TDR 1018 to 2396 | 1 | |
| | | | | | | |
| 40698 D | 41 | 45-559 | Bucket Lubricator Pump Piston Disc | | 1 | |
| 40719 D | 42 | 66-002 | Bucket Lubricator Pump Piston Check Ball, 5/16" | | 1 | |
| 40630 D | 43 | 35-020 | Bucket Lubricator Pump Piston Packing | | 1 | |
| 40653 D | 44 | 11-555 | Bucket Lubricator Pump Foot Valve Body | TDR 501 to 2396 | 1 | |
| 40722 D | 45 | 66-067 | Bucket Lubricator Pump Check Ball, 1/2" | TDR 501 to 2396 | 1 | |
| 40697 D | 46 | 45-558 | Bucket Lubricator Pump Foot Valve Disc | TDR 501 to 2396 | 1 | |
| 40652 D | 47 | 11-550 | Bucket Lubricator Pump Piston | | 1 | |
| | | | | | | |
| 40635 D | 48 | 10-326 | Bucket Lubricator Pump Toggle Pin | TDR 501 to 1017 | 1 | |
| | | | Cotter Pin, 1/32 x 1/2" | | 1 | |
| 52122 D | 48 | 10-882 | Bucket Lubricator Pump Toggle Pin | TDR 501 to 2396 | 1 | |
| | | | | | | |
| 40655 D | 49 | 11-557 | Bucket Lubricator Pump Outlet | | 1 | |
| | 50 | | Follows Reference No. 53 | | | |
| 52126 D | 51 | 66-130 | Bucket Lubricator Container Cover Wing Nut | TDR 501 to 2396 | 1 | |
| | | | | | | |
| 40740 DA | 52 | 80-917 | Bucket Lubricator Container with Cover | | | |
| | | | (Order 61132 D) | TDR 501 to | 1 | |
| 52125 D | 52 | 50-006 | Bucket Lubricator Container | | 1 | |
| 52125 DX | 52 | 90-147 IH | Bucket Lubricator Container, Complete | | | |
| | | | (Order 61132 D) | | 1 | |
| 53195 D | 52 | 90-273 IH | Bucket Lubricator Container, 54467 D with | | | |
| | | | Cover, 53194 D and Wing Nut, 52126 D | | | |
| | | | (Order 61132 D) | TDR 1018 to 2396 | 1 | |
| 61132 D | 52 | 81-599 | Bucket Lubricator Container with Cover | | | |
| | | | (Will Work for 53195 D, 40740 D and 52125 DX) | TDR 1018 to 2396 | 1 | |
| | | | | | | |
| | | | | | | |
| 53194 D | 53 | 90-272 | Bucket Lubricator Contrainer Cover | TDR 1018 to 2396 | 1 | |
| | 50 | | Cap Screw, 1/4 x 1/2" N.C. Hex. Head | | 1 | |
| | | | | | | |
| 54467 D | 55 | 60-027 IH | Bucket Lubricator Container | TDR 1018 to 2396 | 1 | |
| 53188 D | 56 | 64-259 | Bucket Lubricator Foot Step | TDR 1018 to 2396 | 1 | |
| 53186 D | 57 | 11-135 | Bucket Lubricator Foot Stop Stud | TDR 1018 to 2396 | 1 | |
| | | | Hex. Nut, 5/16" N.C. | | 2 | |
| 53193 D | 58 | 90-271 | Bucket Lubricator Pump Lever Handle | TDR 1018 up | 1 | |
| 53189 D | 59 | 64-280 | Bucket Lubricator Pump Toggle | TDR 1018 up | 1 | |

## BUCKET LUBRICATOR (Lincoln Engineering Company)—Continued

| I H C PART NUMBER | REF. NO. | MFR'S. NUMBER | DESCRIPTION | SERIAL NUMBER | NO. REQ'D |
|---|---|---|---|---|---|
| 40738 D | 60 | 81-078 | Bucket Lubricator Pump, Complete (Order 53190 D) | TDR 501 to | 1 |
| 52077 D | 60 | 80-800 | Bucket Lubricator Pump, Complete (Order 53190 D) | TDR 501 to 1017 | 1 |
| 53190 D | 60 | 81-216 | Bucket Lubricator Pump, Complete | | |
| | | | (Will Work for 40738 D and 52077 D) | TDR 1018 to 2396 | 1 |
| 61736 D | 61 | 60-041 | Container | TDR 2397 up | 1 |
| 55479 D | 62 | 11-225 | Cover Screw | TDR 2397 up | 3 |
| 40638 D | 63 | 10-472 | Bucket Lubricator Pump Toggle Pin | TDR 501 to 1017 | |
| | | | | Also 2397 up | 2 |
| | | | Cotter Pin, 3/32 x 1/2" | | 2 |
| 37290 D | 64 | 5750 | Giant Button Head Fitting, 1/4" | TDR 2397 up | 1 |
| 61740 D | 65 | 40-227 | Pump Casting | TDR 2397 up | 1 |
| 62159 D | 66 | 45-620 | Cover Plate | TDR 2397 up | 1 |
| | 68 | | Cap Screw, 1/4 x 7/16" N.C. Hex. Head | | 3 |
| 52745 V | 67 | 66-170 | Cover Plate Screw Washer (Shakeproof 1214) | TDR 2397 up | 3 |
| 61737 D | 69 | 61-229 | Pump Tube | TDR 2397 up | 1 |
| 61738 D | 70 | 62-111 | Pump Plunger Rod | TDR 2397 up | 1 |
| 61732 D | 71 | 11-127 | Collar - Foot Valve | TDR 2397 up | 1 |
| 62573 D | 72 | 45-608 | Foot Valve Disc | TDR 2397 up | 1 |
| 62574 D | 73 | 66-144 | Foot Valve Check Ball, 3/4" (Order 31326 H) | TDR 2397 up | 1 |
| 31326 H | 73 | 66-144 | Foot Valve Check Ball, 3/4" | | 1 |
| 61733 D | 74 | 11-128 | Body - Foot Valve | TDR 2397 up | 1 |
| 61739 D | 75 | 81-207 | Foot Valve | TDR 2397 up | 1 |
| 62358 D | 76 | 81-368 | Bucket Lubricator Pump, Complete | TDR 2397 up | 1 |
| 61735 D | 77 | 11-283 | Toggle Pin | TDR 2397 up | 1 |
| 53192 D | 78 | 81-220-1H | Bucket Lubricator Hose, 36946 D, Complete with | | |
| | | | Swivel, 36947 D, Coupler, 40728 DA and | | |
| | | | Adapter, 53187 D (Will Work for 37372 D) | TDR 1018 to 2396 | 1 |
| 36945 DA | 79 | 1220-1H | Bucket Lubricator, Complete with Pump | | |
| | | | (40 Lb. Capacity) | TDR 501 to 1017 | 1 |
| 51512 D | 80 | 1226-1H | Bucket Lubricator, Complete with Pump | | |
| | | | (50 Lb. Capacity) | TDR 1018 to 2396 | 1 |
| 60013 D | 81 | | Bucket Lubricator, Complete with Pump | | |
| | | | (40 Lb. Capacity) | TDR 2397 up | 1 |
| 37372 D | | 80-444 | Bucket Lubricator Hose, 36946 D, Complete | | |
| | | | with Swivel, 36947 D, Coupler, 36948 D | | |
| | | | (Order 53192 D) | TDR 501 to 1017 | 1 |
| 37702 DA | | 1221-1H | Bucket Lubricator, Complete, 36945 DA with | | |
| | | | Hose, 37372 D (51513 D Will Work) | TDR 501 to 1017 | 1 |
| 51513 D | | 1227-1H | Bucket Lubricator, Complete, 51512 D with | | |
| | | | Hose, 53192 D (Will Work for 37702 DA) | TDR 1018 to 2396 | 1 |
| 60012 D | | 1217-1H | Bucket Lubricator, Complete, 60013 D with Hose, | | |
| | | | 53192 D (Will Work for 51513 D) | TDR 2397 up | 1 |
| Q 3504 | | 51-401 | Bucket Lubricator Container Cover Wing Nut | | 1 |

# PACKAGE ASSORTED GASKETS

| PART NUMBER | DESCRIPTION | NUMBER REQUIRED |
|---|---|---|
| 52055 D | CHASSIS OVERHAUL GASKET PACKAGE, | |
| | 78 GASKETS AS FOLLOWS - | |
| 10429 D | RADIATOR CAP GASKET | 1 |
| 16445 D | GASOLINE TUBE CLIP FELT | 1 |
| 16445 D | OIL PRESSURE GAUGE TUBE CLIP FELT | 1 |
| 23977 DA | GASOLINE TANK FILLER CAP GASKET | 1 |
| 28910 DA | WATER TRAP GLASS GASKET | 1 |
| 32181 D | RADIATOR OUTLET FLANGE GASKET | 1 |
| 40928 D | DRIVE BEVEL GEAR BEARING CAGE FILLER GASKET | 4 |
| 40929 D | DRIVE BEVEL GEAR BEARING CAGE CAP GASKET | 2 |
| 40990 D | TRACK FRAME PIVOT BRACKET CAP GASKET | 2 |
| 41460 D | SPROCKET DRIVE PINION INNER BEARING CAGE GASKET | 2 |
| 41462 D | SPROCKET DRIVE PINION OUTER BEARING CAGE GASKET | 4 |
| 41463 D | STEERING CLUTCH SUPPORT BEARING CAGE GASKET | 2 |
| 41638 D | AIR CLEANER PIPE FRONT GASKET | 1 |
| 41660 D | HIGH AND LOW RANGE IDLER SHAFT RETAINER GASKET | 1 |
| 41662 DA | BEVEL PINION SHAFT BEARING RETAINER FRONT GASKET | 1 |
| 41666 D | TRANSMISSION DRIVING SHAFT BEARING RETAINER GASKET | 1 |
| 41668 DA | TRANSMISSION END COVER GASKET | 1 |
| 41869 D | FRONT IDLER CARRIER GASKET | 4 |
| 41884 D | SPROCKET DRIVE GEAR COVER GASKET | 2 |
| 41893 D | SPROCKET DRIVE GEAR OUTER BEARING CAGE GASKET | 4 |
| 42101 D | TRACK IDLER CAP GASKET | 4 |
| 42134 D | TRACK FRAME DIAGONAL BRACE BEARING FELT | 4 |
| 42245 D | STEERING CLUTCH RELEASE ACTUATOR GASKET | 2 |
| 42289 D | POWER TAKE-OFF COVER GASKET | 1 |
| 42495 D | FUEL TANK FILLER CAP GASKET | 1 |
| 42511 D | GEAR SHIFT HOUSING GASKET | 1 |
| 42536 D | RADIATOR INLET ELBOW GASKET | 1 |
| 42537 D | RADIATOR GASKET | 2 |
| 42552 D | MAIN FRAME COVER GASKET | 1 |
| 42559 D | STEERING CLUTCH INSPECTION COVER GASKET | 2 |
| 51238 D | DRIVE BEVEL GEAR BEARING CAGE GASKET | 2 |
| 52033 D | RADIATOR OVERFLOW PIPE GASKET | 1 |
| 56008 D | STEERING CLUTCH RELEASE FORK UPPER BEARING FELT | 2 |
| 56009 D | STEERING CLUTCH RELEASE FORK UPPER BEARING CAGE GASKET | 2 |
| 56009 D | STEERING CLUTCH RELEASE FORK UPPER BEARING RETAINER GASKET | 2 |
| 56014 D | STEERING CLUTCH INSPECTION COVER GASKET | 2 |
| 58185 D | AIR CLEANER GASKET | 1 |
| 58210 D | AIR CLEANER TOP COVER GASKET | 1 |
| 58210 D | AIR CLEANER PIPE REAR GASKET | 1 |
| 64807 D | SPROCKET DRIVE PINION OUTER BEARING CAP PACKING RING | 2 |
| 64808 D | SPROCKET DRIVE PINION INNER BEARING RETAINER GASKET | 2 |
| 64811 D | STEERING CLUTCH SUPPORT BEARING RETAINER GASKET | 2 |
| 64812 D | SPROCKET DRIVE GEAR COVER GASKET | 2 |
| | | |
| 52725 DA | ENGINE OVERHAUL GASKET PACKAGE, TDRM 501 TO 15000 | |
| | 123 GASKETS AS FOLLOWS - | |
| 4222 D | CYLINDER SLEEVE PACKING RING | 6 |
| 13839 D | FUEL FILTER CASE STUD GASKET | 1 |
| 13841 D | FUEL FILTER CASE GASKET | 1 |
| 20300 D | WATER PUMP FELT WASHER | 1 |
| 25093 DA | CRANKCASE OIL SEAL RETAINER PLATE FELT PLUG | 2 |
| 25121 D | BREATHER PIPE FLANGE GASKET | 1 |
| 25352 D | MAGNETO BRACKET BOLT GASKET | 2 |
| 30824 D | WATER PUMP BODY GASKET | 1 |
| 32181 D | RADIATOR OUTLET FLANGE GASKET | 1 |
| 32307 DB | CRANKSHAFT REAR OIL SEAL FELT | 2 |

—CONTINUED

# PACKAGE ASSORTED GASKETS

| PART NUMBER | DESCRIPTION | NUMBER REQUIRED |
|---|---|---|
| 52725 DA | ENGINE OVERHAUL GASKET PACKAGE, (CONTINUED) TDRM 501 TO 15000 | |
| | 123 GASKETS AS FOLLOWS - | |
| 32308 D | CRANKSHAFT REAR OIL SEAL RETAINER GASKET | 2 |
| 32309 D | CRANKSHAFT REAR OIL SEAL GASKET | 1 |
| 32312 D | CRANKCASE OIL SEAL RETAINER PLATE GASKET | 1 |
| 32340 D | INJECTION PUMP DRIVE HOUSING GASKET | 1 |
| 32342 D | INJECTION PUMP DRIVE HOUSING CAP GASKET | 1 |
| 32349 D | WATER PUMP BODY SPACER | 2 |
| 32351 D | WATER PUMP BODY COVER GASKET | 1 |
| 32360 D | EXHAUST MANIFOLD GASKET | 4 |
| 32362 D | INJECTION PUMP DRIVE HOUSING FELT | 1 |
| 32366 D | INTAKE MANIFOLD CENTER GASKET | 1 |
| 32368 DA | CRANKCASE FRONT PLATE GASKET | 1 |
| 32371 D | CRANKCASE FRONT COVER GASKET | 1 |
| 32457 D | VALVE HOUSING GASKET | 1 |
| 32458 D | VALVE HOUSING COVER GASKET | 1 |
| 32495 D | INTAKE MANIFOLD END GASKET | 2 |
| 32505 D | MAGNETO BRACKET GASKET | 1 |
| 32517 DA | CRANKCASE OIL PAN PLATE GASKET | 1 |
| 32624 D | WATER PUMP BEARING RETAINER GASKET | 1 |
| 36798 D | CRANKSHAFT FRONT OIL SEAL FELT | 2 |
| 37148 D | NOZZLE VALVE GASKET | 18 |
| 39757 D | PUSH ROD CHAMBER SIDE PLATE GASKET | 2 |
| 39762 D | PUSH ROD CHAMBER FRONT PLATE GASKET | 1 |
| 39764 D | PUSH ROD CHAMBER REAR PLATE GASKET | 1 |
| 41746 D | OIL FILTER CASE GASKET | 2 |
| 42536 D | RADIATOR INLET ELBOW GASKET | 1 |
| 42654 D | ENGINE WATER OUTLET GASKET | 1 |
| 42655 D | THERMOSTAT HOUSING GASKET | 1 |
| 42659 D | AIR VALVE HOUSING GASKET | 1 |
| 42672 D | AIR VALVE HOUSING COVER GASKET | 1 |
| 42680 D | IGNITION CUT OUT SWITCH COVER GASKET | 1 |
| 42714 D | CRANKCASE REAR DUST SEAL GASKET | 1 |
| 42715 D | CRANKCASE OIL PAN GASKET | 1 |
| 42733 D | CRANKCASE SIDE COVER GASKET | 1 |
| 42733 D | AUTOMATIC TRIP HOUSING GASKET | 1 |
| 42762 D | CYLINDER HEAD WATER MANIFOLD GASKET | 1 |
| 42763 DA | CYLINDER HEAD GASKET | 2 |
| 42767 D | NOZZLE BODY GASKET | 6 |
| 42769 D | CARBURETOR GASKET (REQUIRED WITH 42870 D CARBURETOR) | 1 |
| 42789 D | LUBRICATOR OIL PUMP AUXILIARY GEAR UPPER HOUSING GASKET | 1 |
| 42790 D | LUBRICATOR OIL PUMP AUXILIARY GEAR LOWER HOUSING GASKET | 1 |
| 42790 D | LUBRICATOR OIL PUMP COVER GASKET | 1 |
| 42792 D | LUBRICATOR OIL RETURN PIPE ELBOW GASKET | 2 |
| 42941 D | FAN BELT IDLER SHAFT FELT | 1 |
| 42959 DA | OIL FILTER BASE GASKET | 1 |
| 43002 D | NOZZLE BODY SPACER GASKET | 12 |
| 46998 D | AUTOMATIC TRIP HOUSING GASKET | 1 |
| 46999 D | AUTOMATIC TRIP HOUSING GASKET | 1 |
| 49387 D | PUSH ROD CHAMBER SIDE PLATE BOLT WASHER | 4 |
| 49451 D | HOUR METER GASKET | 1 |
| 51527 D | WATER TRAP BRACKET GASKET | 1 |
| 60876 D | WATER TRAP GASKET | 1 |
| 62866 D | PUSH ROD CHAMBER SIDE PLATE BOLT WASHER | 4 |
| 64321 D | CARBURETOR GASKET (REQUIRED WITH 64319 D CARBURETOR) | 2 |
| W 16210 | FAN BELT IDLER PULLEY FELT | 1 |
| | | |
| | | |
| | | |

# PACKAGE ASSORTED GASKETS

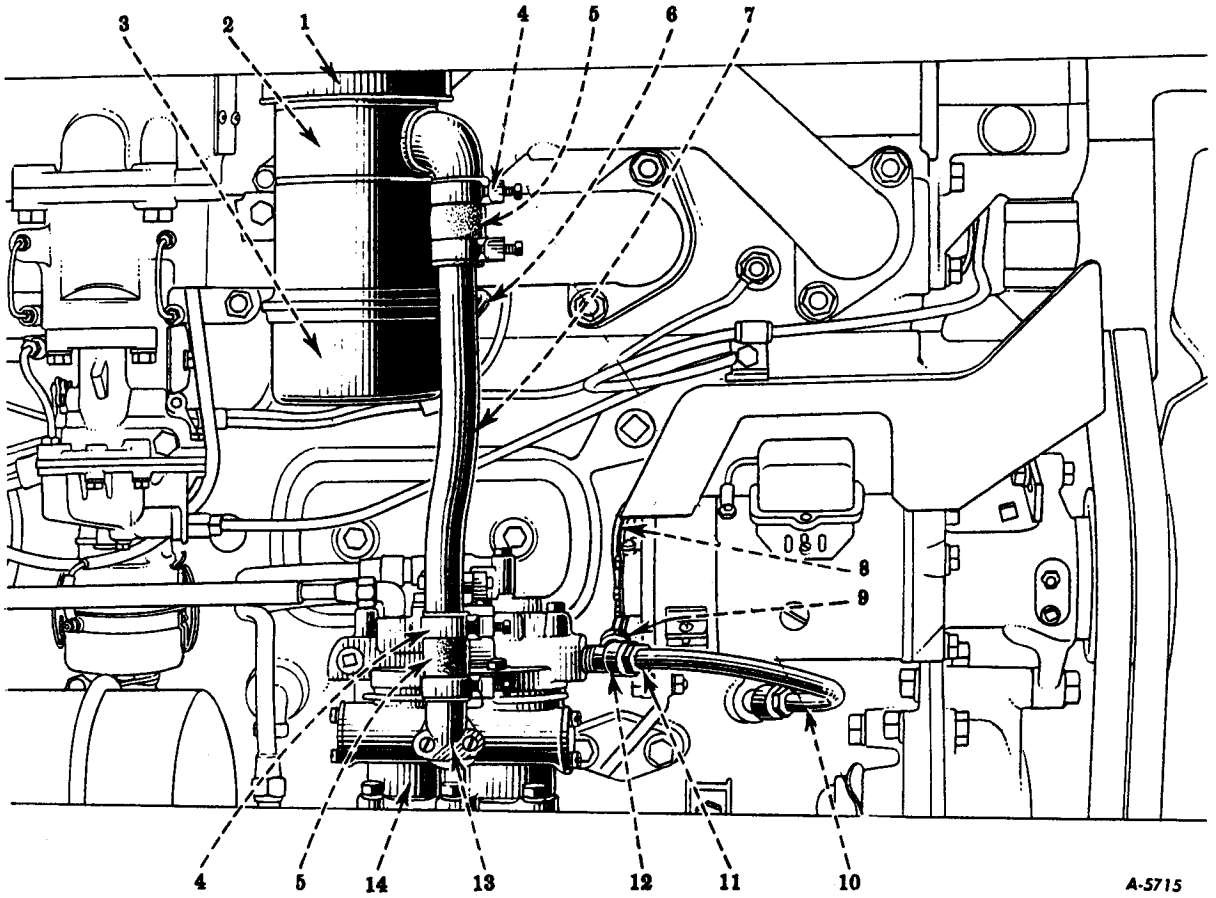
| PART NUMBER | DESCRIPTION | SERIAL NUMBER | NO. REQ'D |
|---|---|---|---|
| 255985 R91 | ENGINE OVERHAUL GASKET PACKAGE | TDRM 15001 UP | |
| | 53 GASKETS AS FOLLOWS - | | |
| | 13839 D OIL FILTER CASE RETAINING BAR GASKET | | 2 |
| | 13839 D FUEL FILTER CASE STUD GASKET | | 2 |
| | 13841 D OIL FILTER CASE GASKET | | 2 |
| | 13841 D FUEL FILTER CASE GASKET | | 1 |
| | 25093 DA CRANKCASE OIL SEAL RETAINER PLATE FELT | | |
| | 25121 DA BREATHER PIPE FLANGE GASKET | | 1 |
| | 25352 D MAGNETO BRACKET BOLT GASKET | | 2 |
| | 32131 D RADIATOR OUTLET ELBOW GASKET | | 1 |
| | 32307 DB CRANKCASE REAR OIL SEAL RETAINER FELT | | 2 |
| | 32308 DB CRANKCASE REAR OIL SEAL RETAINER GASKET | | 1 |
| | 32309 DB CRANKCASE REAR OIL SEAL GASKET | | 1 |
| | 32312 DB CRANKCASE OIL SEAL RETAINER PLATE GASKET | | 1 |
| | 32314 DB CRANKCASE REAR DUST SEAL GASKET | | 1 |
| | 32340 DB INJECTION PUMP DRIVE HOUSING GASKET | | 1 |
| | 32342 DB INJECTION PUMP DRIVE HOUSING CAP GASKET | | 1 |
| | 32362 D INJECTION PUMP DRIVE HOUSING FELT | | 1 |
| | 32368 DC CRANKCASE FRONT PLATE GASKET | | 1 |
| | 32371 DB CRANKCASE FRONT COVER GASKET | | 1 |
| | 32457 DB VALVE HOUSING GASKET | | 1 |
| | 32458 DA VALVE HOUSING COVER GASKET | | 1 |
| | 32505 DB MAGNETO BRACKET BOLT GASKET | | 1 |
| | 36798 D CRANKSHAFT FRONT OIL SEAL FELT | | 2 |
| | 37148 D NOZZLE VALVE GASKET | | 12 |
| | 39757 DB PUSH ROD CHAMBER SIDE PLATE GASKET | | 2 |
| | 39764 DB PUSH ROD CHAMBER REAR PLATE GASKET | | 1 |
| | 42536 D RADIATOR INLET ELBOW GASKET | | 1 |
| | 42714 DB CRANKCASE REAR DUST SEAL GASKET | | 1 |
| | 42715 DB CRANKCASE OIL PAN GASKET | | 1 |
| | 42733 DB CRANKCASE SIDE COVER GASKET | | 1 |
| | 42763 DB CYLINDER HEAD GASKET | | 2 |
| | 42769 D CARBURETOR GASKET | | 1 |
| | 42789 D OIL PUMP AUXILIARY GEAR UPPER HOUSING GASKET | | 1 |
| | 42790 D OIL PUMP AUXILIARY GEAR LOWER HOUSING GASKET | | 1 |
| | 42790 D OIL PUMP COVER GASKET | | 1 |
| | 42792 D OIL RETURN PIPE GASKET | | 2 |
| | 42941 D FAN BELT IDLER SHAFT FELT | | 1 |
| | 42959 DB OIL FILTER GASKET | | 1 |
| | 49451 DA HOUR METER GASKET | | 1 |
| | 51527 DB WATER TRAP BRACKET GASKET (BOSCH PUMP) | | 1 |
| | 62866 D PUSH ROD CHAMBER SIDE PLATE BOLT WASHER | | 4 |
| | 250550 R1 INTAKE MANIFOLD END COVER GASKET | | 2 |
| | 250605 R1 NOZZLE INJECTOR PLATE GASKET | | 6 |
| | 251042 R1 PRE-COMBUSTION CHAMBER GASKET | | 12 |
| | 251133 R2 WATER PUMP BODY GASKET | | 1 |
| | 251148 R2 WATER PUMP OIL SEAL HOUSING GASKET | | 1 |
| | 251167 R1 EXHAUST MANIFOLD GASKET | | 4 |
| | 251169 R2 ENGINE WATER OUTLET ELBOW GASKET | | 2 |
| | 251179 R2 ENGINE WATER OUTLET HEADER GASKET | | 2 |
| | 251329 R1 INTAKE MANIFOLD GASKET-END | | 2 |
| | 251330 R1 INTAKE MANIFOLD GASKET-CENTER | | 1 |
| | 251352 R1 WATER TRAP BOWL GASKET (BOSCH PUMP) | | 1 |
| | 254753 R1 THERMOSTAT SEAL | | 2 |
| | W-16210 FAN BELT IDLER PULLEY FELT | | 1 |

# OVERHAUL AND IMPROVEMENT PACKAGE

| PART NUMBER | DESCRIPTION | SERIAL NUMBER | NO. REQ'D |
|---|---|---|---|
| | **ENGINE—DIESEL** | | |
| 42696 D | Set of 6 Cylinder Sleeves with Pistons, Complete, 42695 D | | 1 |
| 256258 R91 | Replacement Engine (Field Package) (IH Fuel Injection Pump) | TDRM 501 to 15000 | 1 |
| 256259 R91 | Replacement Engine (Field Package) (Bosch Fuel Injection Pump) | TDRM 501 to 15000 | 1 |
| 61207 D | Injection Nozzle Field Improvement Package (To be used where Dust Conditions Cause Nozzle Body And Retainer Hard to Remove) | TDRM 501 to 2605 | 1 |
| 250952 R92 | Replacement Piston Ring Kit | TDRM 15001 up | 1 |
| 255003 R91 | Starting Valve Positive Stop Field Improvement Package Consisting of 6 (Six) Starting Valve Stop Sleeves, 255012 R1 and Gauge 255013 R1 (Special) | TDRM 501 to 15000 | 1 |
| 254287 R91 | Field Package Crankshaft and Set of Crankshaft Bearings, 254264 R91, (.030 Undersize) Complete | TDRM 15001 up | 1 |
| 259490 R91 | Water Trap and Filter Element Package | TDRM 501 to | 1 |
| 259492 R91 | Fuel Filter Case Stud and Element Package | TDRM 501 to | 1 |
| 260910 R91 | Dual Fuel Filter Element Service Package. | | 1 |
| | **FUEL INJECTION PUMP** | | |
| 55517 D | Bosch Injection Pump Field Change Package - Changing Timken Injection Pump to Bosch Type "A" Pump | TDRM 501 to 825 Also 835 | 1 |
| 68961 D | Bosch Type "K" Fuel Injection Pump Field Change Package (For Changing Pumpson Engines Equipped with Timken Pump or Bosch Type "A" Package 55517 D) | TDR 501 to 825 Also 835 | 1 |
| 58400 D | Fuel Injection Pump Field Change Package - Changing From Bosch "B" to Bosch "A" Pump | TDRM 826 to 1235 Not TDRM 835 | 1 |
| 60734 D | Bosch "A" Pump Improvement Package - Improved Gasket Sealing, Breather Action, Maintain Proper Oil Level and Eliminate Slippage of Friction Clutch | TDRM 1236 up | 1 |
| 60856 D | Bosch "B" Pump Improvement Package - Improved Gasket Sealing, Breather Action Maintain Proper Oil Level and Eliminate Slippage of Friction | TDRM 826 to 1235 Not 835 | 1 |
| 68812 DA | Bosch Type "K" Field Change Package (Replacing Type "B" Injection Pump, 49710 DX12 with Bosch Type "K" Injection Pump, 61299 DX12)(B to K) | TDRM 826 to 1235 Not 835 | 1 |
| 65383 DA | Bosch Type "K" Fuel Injection Pump Field Change Package (For Replacing Bosch Type "A" Injection Pump, 54922 DAX12 with Bosch "K" Type, 61299 DX12) ("A" to "K") | TDRM 1236 to 4661 Not TDRM 4314 or 4512 | |
| | **FUEL SUPPLY PUMP** | | |
| 69325 D | Fuel Supply Pump Replacement Package (Will Work for 40382 DX or 56123 D) | TDRM 826 to 1235 Not 835 | 1 |
| 69326 D | Fuel Supply Pump Replacement Package (Will Work for 56124 DY or 56123 D) | TDRM 1236 to 4661 Not 431 or 4512 | 1 |
| | **TRANSMISSION** | | |
| 56473 D | Field Change Improvement Package - Changing Roller Bearings to Ball Bearings in Hi-Lo Range Idler Gear Mounting | TDR 501 to 1466 | 1 |
| 255454 R91 | Drive Bevel Gear Bolt Package with 4 Dowel Bolts, 255363 R1 | | 1 |
| 256631 R91 | Transmission Gear Shift Lock Field Service Package | TDR 1442 to 14775 | 1 |
| 64636 D | Field Change Package-Clutch Coupling Bolt Lock and Gear Shifter Boot | TDR 1531 to 3584 | 1 |
| 64997 D | Field Change Package-Clutch Coupling Bolt Lock and Gear Shifter Boot | TDR 501 to 1530 | 1 |

# OVERHAUL AND IMPROVEMENT PACKAGE

| PART NUMBER | DESCRIPTION | SERIAL NUMBER | NO. REQ'D |
|---|---|---|---|
| | **STEERING CLUTCH** | | |
| 50865 D | Steering Clutch Shaft Coupling Bolt Service Package | TDR 501 to 775 | 1 |
| 54277 D | Steering Clutch Pressure Spring Replacement Package | TDR 501 to 1045 | 1 |
| | | | |
| 48920 D | Field Change Package - 2 Actuator Oil Cups, 48915 D, | | |
| | 2 Adjuster Locks, 48910 D with 4 Cap Screws, | | |
| | 1-3/8 x 1" N.C. and Lockwashers | TDR 501 to 524 | 1 |
| 257049 R91 | Steering Clutch Field Change Package | TDR 501 to | 1 |
| 52439 DB | Steering Clutch and Actuator Field Change Service Package | TDR 501 to 784 | 1 |
| 54264 D | Steering Clutch Actuator, Pressure Spring and Steering | | |
| | Clutch Control Field Change Service Package | TDR 785 to 1045 | 1 |
| | | | |
| 60262 D | Heavy Steering Brake Band Field Change Improvement Package | TDR 501 to 2175 | |
| | | Also 2181 to 2194 | 1 |
| 68463 D | Steering Clutch Hub and Spring Package (Hub, 9717 D and | | |
| | Spring, 68462 D) (Will Work for 5713 DC) (To Overcome Breakage | | |
| | of Hub) | TDR 501 to 6756 | 1 |
| | **EQUALIZER SPRING** | | |
| 52443 D | Field Change Improvement Package (Not Wide Tread) | | |
| | (2 Equalizer Spring Bumper Pad Brackets, 8300 DA with | | |
| | 8 Cap Screws, 7/8 x 3" N.C. and Lockwashers) | TDR 501 to 812 | 1 |
| 52444 D | Field Change Improvement Package (Wide Tread) | | |
| | (2 Equalizer Spring Bumper Pad Brackets, 8301 DA with | | |
| | 8 Cap Screws, 7/8 x 3" N.C. and Lockwashers) | TDR 501 to 807 | 1 |
| | **TRACK ASSEMBLY** | | |
| 57724 D | Front Idler Carrier Field Change Improvement Package | | 1 |
| | (To Make New Idler and Parts Available in Field to Prevent | | |
| | Loosening of Carrier Bolts) | TDR 501 to 1995 | 1 |
| 256189 R91 | Track Frame Pivot Bearing Shim Field Improvement Package | | |
| | (Includes (18) Heavy Bearing Shims, 256196 R1 and (12) Light | | |
| | Bearing Shims, 256197 R1 | TDR 13001 up | 1 |
| | **SPROCKET DRIVE** | | |
| 65013 D | Heavy Duty Sprocket Drive Carrier and Cover Field Change | | |
| | Package (To Provide Latest Design for Tractors in Field) | | |
| | (Not Wide Tread) | TDR 501 to 3764 | 1 |
| 65014 D | Heavy Duty Sprocket Drive Carrier and Cover Field Change | | |
| | Package (To Provide Latest Design for Tractors in Field) | | |
| | (Wide Tread) | TDR 501 to 3764 | 1 |
| | | | |
| 69419 D | Sprocket Drive Carrier and Sprocket Drive Gear Cover Service | | |
| | Package - For use When 5877 DX, DAX, DBX and DCX are not | | |
| | Available (Not Wide Tread) (L.H. Side) | TDR 501 to 3764 | 1 |
| | | | |
| 69420 D | Sprocket Drive Carrier and Sprocket Drive Gear Cover Service | | |
| | Package - For use When 5877 DX, DAX, DBX and DCX are not | | |
| | Available (Not Wide Tread) (R.H. Side) | TDR 501 to 3764 | 1 |
| | | | |
| 69421 D | Sprocket Drive Carrier and Sprocket Drive Gear Cover Service | | |
| | Package - For use When 5783 DX or DAX are not Available | | |
| | (Wide Tread) | TDR 501 to 3764 | 2 |
| | | | |
| 69738 D | Field Change Package for Sprocket Drive Gear | | |
| | (Includes (24) 69737 D Drive Gear Bolts (24) 5/8" N.F. Hex Nuts | | |
| | and 24 Cotter Pins, 1/8 x 1/4") To Overcome Rivet Shearing on | | |
| | Sprocket Drive Gear 64499 DA | TDR 3718 up | 1 |



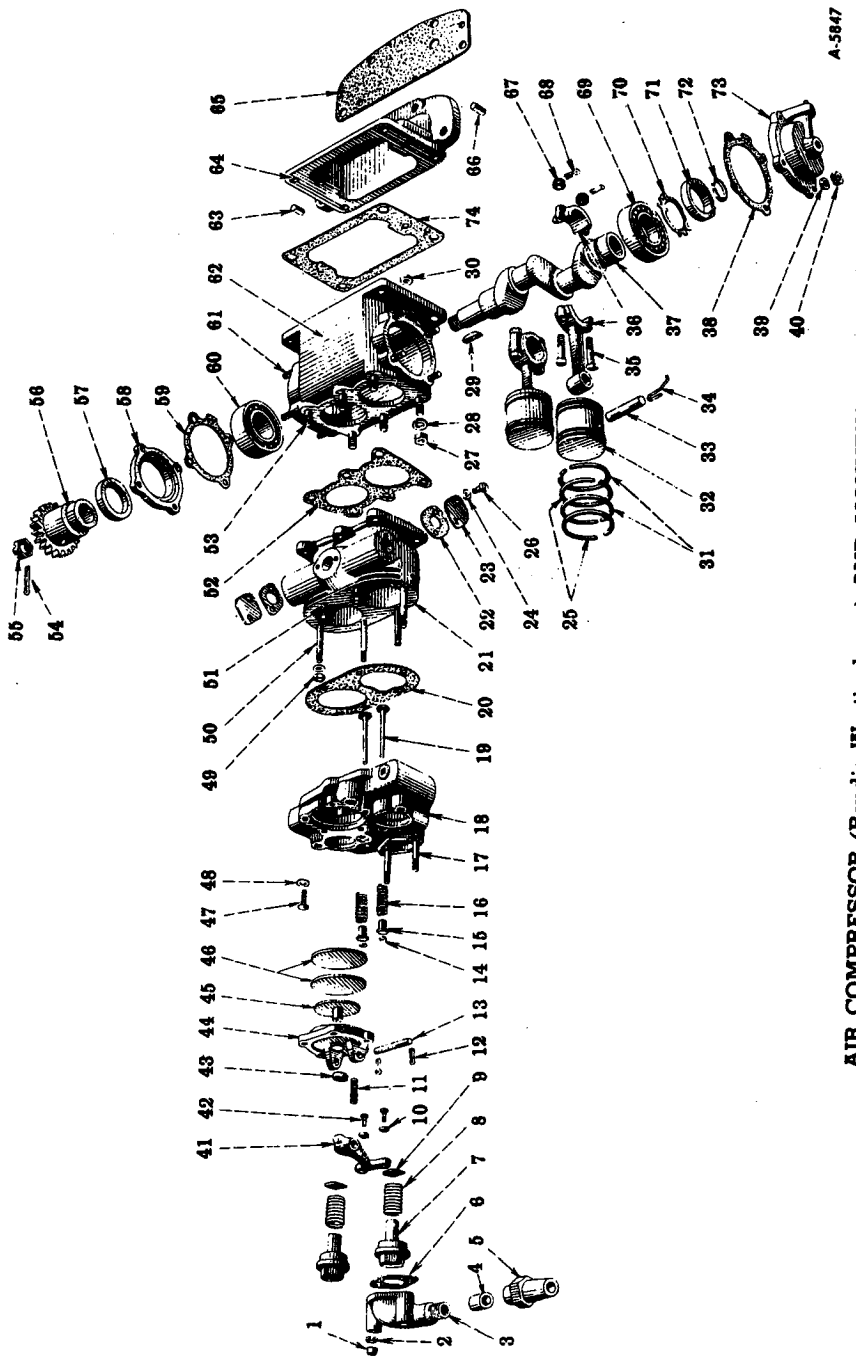

*Reference numbers only are shown in illustration. Use I H C part numbers in ordering.*
*Unnumbered parts in the illustrations are the same as corresponding parts shown with numbers.*

## AIR COMPRESSOR, AIR COMPRESSOR AIR CLEANER AND CONNECTIONS

(*) Scraper Modification, Euclid 1)

| | | | | |
|---|---|---|---|---|
| 66358 D | 1 | Air Compressor Air Cleaner Cover | 1 | |
| 66355 D | 2 | Air Compressor Air Cleaner Body | 1 | |
| 66356 D | 3 | Air Compressor Air Cleaner Oil Cup | 1 | |
| 39121 H | 4 | Air Compressor Air Inlet Pipe Hose Clamp | 4 | |
| 36693 D | 5 | Air Compressor Air Inlet Pipe Hose | 2 | |
| 66357 D | 6 | Air Compressor Air Cleaner Oil Cup Retaining Clamp | 1 | |
| 66158 D | 7 | Air Compressor Air Inlet Pipe | 1 | |
| 58984 DX | 8 | Air Compressor Water Outlet Pipe with 2 Nuts, 37288 H | 1 | |
| 58986 D | 9 | Air Compressor Water Outlet Pipe Elbow | 2 | |
| 58983 DX | 10 | Air Compressor Water Inlet Pipe with 2 Nuts, 37288 H | 1 | |
| 37288 H | 11 | Air Compressor Water Pipe Coupling Nut | 4 | |
| 40876 D | 12 | Air Compressor Water Inlet Pipe Elbow (At Compressor) | 1 | |
| 9560 D | 13 | Air Compressor Air Inlet Elbow | 1 | |
| | | Cap Screw, 1/4 x 7/16" N.C., Hex Head | 2 | |
| | | Lockwasher, 1/4" | 2 | |
| 58976 DA | 14 | Air Compressor, Complete (Bendix-Westinghouse 221167) | | |
| | | (Details on Following Page) | 1 | |
| 40721 DX | | Air Compressor Water Inlet Pipe Elbow (At Water Pump) | 1 | |
| 66099 D | | Air Compressor Air Cleaner, Complete (Donaldson 4-3/8" "A" Type) | 1 | |
| | | Cap Screw, 7/16 x 3/4" N.C., Hex Head | 2 | |
| | | Lockwasher, 7/16" | 2 | |
| | | Nipple, 3/8 x 1-1/2" (Standard Short Pipe Nipple) | 1 | |

Note (*) - For Tabulation of Modification, See Introduction Page




**AIR COMPRESSOR (Bendix-Westinghouse) AND MOUNTING BRACKET**

**(Ⓐ Power Scraper Modification, Galion 24 and Scraper Modification, Euclid 1)**

*Reference numbers only are shown in illustration. Use I H C part numbers in ordering.*

*Unnumbered parts in the illustrations are the same as corresponding parts shown with numbers.*

# ATTACHMENTS

| I H C PART NUMBER | REF. NO. | MFR'S. NUMBER | DESCRIPTION | SERIAL NUMBER | NO. REQ'D | |
|---|---|---|---|---|---|---|
| | | | **16-118—7¼ CUBIC FOOT AIR COMPRESSOR ATTACHMENT** | | | |
| | | | **((*)Scraper Modification, Euclid 1)** | | | |
| | | | **For use in Conjunction with Distributor Attachment 23-2835** | | | |
| 8906 DEX | | | CRANKCASE | | 1 | |
| 8911 DX | | | AIR COMPRESSOR BRACKET, COMPLETE (ILLUSTRATED WITH AIR COMPRESSOR) | | 1 | |
| 38022 DM | | | AIR COMPRESSOR BRACKET GASKET (ILLUSTRATED WITH AIR COMPRESSOR) | | 1 | |
| 58976 DA | | (‡)221167 | AIR COMPRESSOR, COMPLETE (SEE DETAIL LIST FOR PARTS) | | 1 | |
| 58985 DX | | | AIR COMPRESSOR DISCHARGE FITTING (ILLUSTRATED WITH AIR COMPRESSOR) | | | |
| 60683 D | | (‡)211376 | AIR COMPRESSOR BASE GASKET (.031" THICK) | | x | |
| 68276 D | | | AIR COMPRESSOR BASE GASKET (.006" THICK) | | x | |
| 68277 D | | | AIR COMPRESSOR BASE GASKET (.010" THICK) (ILLUSTRATED WITH AIR COMPRESSOR) | | x | |
| 92474 H | | | AIR COMPRESSOR DISCHARGE FITTING GASKET (ILLUSTRATED WITH AIR COMPRESSOR) | | 1 | |
| | | | AIR COMPRESSOR DRIVE (SEE DETAIL LIST COVERING AIR COMPRESSOR DRIVE) | | | |
| | | | AIR COMPRESSOR AIR CLEANER AND CONNECTIONS (SEE DETAIL LIST COVERING AIR COMPRESSOR AIR CLEANER) | | | |

(‡) - BENDIX WESTINGHOUSE

NOTE (*) - FOR TABULATION OF MODIFICATION, SEE INTRODUCTION PAGE

x - AS REQUIRED

# ATTACHMENTS

## AIR COMPRESSOR (Bendix-Westinghouse) AND MOUNTING BRACKET

(⊛Scraper Modification, Euclid 1)

| I H C PART NUMBER | REF. NO. | MFR'S. NUMBER | DESCRIPTION | SERIAL NUMBER | NO. REQ'D |
|---|---|---|---|---|---|
| 58976 DA | | 221167 | AIR COMPRESSOR, COMPLETE | | |
| | | | (LESS REFERENCE NOS. 3,4,56,64,66,74) | | 1 |
| | | | CAP SCREW, 7/16 x 1-1/4" N.C., HEX HEAD | | 2 |
| | | | CAP SCREW, 7/16 x 1-1/2" N.C., HEX HEAD | | 2 |
| | | | HEX NUT, 7/16" N.C. | | 2 |
| | | | LOCKWASHER, 7/16" | | 2 |
| | 1 | | HEX NUT, 3/8" N.F. | | |
| | | | (AIR COMPRESSOR DISCHARGE FITTING STUD) | | 2 |
| | 2 | | LOCKWASHER, 3/8" | | |
| | | | (AIR COMPRESSOR DISCHARGE FITTING STUD) | | 2 |
| 58985 D | 3 | 220149 | AIR COMPRESSOR DISCHARGE FITTING | | 1 |
| 47128 H | 4 | | AIR COMPRESSOR DISCHARGE FITTING COUPLING NUT | | 1 |
| 47126 H | 5 | | AIR COMPRESSOR DISCHARGE FITTING COUPLING NUT SLEEVE | | 1 |
| 92474 H | 6 | 204820 | AIR COMPRESSOR DISCHARGE FITTING GASKET | | 1 |
| | 7&8 | 221304 | AIR COMPRESSOR DISCHARGE VALVE CAP NUT WITH SPRING | | 2 |
| | 9 | 203102 | AIR COMPRESSOR DISCHARGE VALVE | | 2 |
| | 10 | 202961 | AIR COMPRESSOR UNLOADER VALVE ADJUSTING SCREW LOCKNUT | | 2 |
| | 11 | 203113 | AIR COMPRESSOR UNLOADER LEVER RETURN SPRING | | 1 |
| | 12 | | COTTER PIN, 1/16 x 1/2" | | |
| | | | (AIR COMPRESSOR UNLOADER LEVER PIVOT PIN) | | 2 |
| | 13 | 203101 | AIR COMPRESSOR UNLOADER LEVER PIVOT PIN | | 1 |
| | 14 | 203104 | AIR COMPRESSOR UNLOADER VALVE SPRING RETAINING RING | | 2 |
| | 15 | 203107 | AIR COMPRESSOR UNLOADER VALVE SPRING STOP | | 2 |
| | 16 | 203112 | AIR COMPRESSOR UNLOADER VALVE SPRING | | 2 |
| | 17 | 212339 | AIR COMPRESSOR CYLINDER HEAD BODY DISCHARGE FITTING STUD | | 2 |
| | 18 | 212340 | AIR COMPRESSOR CYLINDER HEAD BODY | | 1 |
| | 19 | 212155 | AIR COMPRESSOR UNLOADER VALVE | | 2 |
| | 20 | 203462 | AIR COMPRESSOR CYLINDER HEAD GASKET | | 1 |
| | 21 | 203448 | AIR COMPRESSOR CYLINDER BLOCK | | 1 |
| | 22 | 203242 | AIR COMPRESSOR INLET CHAMBER COVER GASKET | | 3 |
| | 23 | 203243 | AIR COMPRESSOR INLET CHAMBER COVER | | 2 |
| | 24 | | LOCKWASHER, 1/4" | | |
| | | | (AIR COMPRESSOR INLET CHAMBER COVER SCREWS) | | 4 |
| | 25 | 203464 | AIR COMPRESSOR PISTON COMPRESSION RING | | 4 |
| | 26 | | MACHINE SCREW, 1/4 x 1/2" FILLISTER HEAD | | |
| | | | (AIR COMPRESSOR INLET CHAMBER COVER) | | 4 |
| | 27 | | HEX NUT, 3/8" N.F. | | |
| | | | (AIR COMPRESSOR CRANKCASE TO BLOCK STUD) | | 6 |
| | 28 | | LOCKWASHER, 3/8" | | |
| | | | (AIR COMPRESSOR CRANKCASE TO BLOCK STUD) | | 6 |

NOTE ⊛ - FOR TABULATION OF MODIFICATION, SEE INTRODUCTION PAGE

| I H C PART NUMBER | REF. NO. | MFR'S. NUMBER | DESCRIPTION | SERIAL NUMBER | NO. REQ'D |
|---|---|---|---|---|---|
| | | | **AIR COMPRESSOR (Bendix-Westinghouse) AND MOUNTING BRACKET—Continued** | | |
| | | | **((*)Scraper Modification, Euclid 1)** | | |
| 4710 D | 29 | 211347 | Air Compressor Coupling Flange Key | | |
| | | | (Woodruff No. 15, 1/4 x 1") | | 1 |
| | 30 | 203742 | Air Compressor Oil Feed Line Gasket | | 1 |
| | 31 | 203465 | Air Compressor Piston Oil Ring | | 4 |
| | 32 | 203457 | Air Compressor Piston | | 2 |
| | 33 | 203449 | Air Compressor Piston Pin | | 2 |
| | 34 | 202990 | Air Compressor Piston Pin Lock | | 2 |
| | 35 | 202893 | Air Compressor Connecting Rod Bolt | | 4 |
| | 36 | 216248 | Air Compressor Connecting Rod with Cap | | 2 |
| | 37 | 211968 | Air Compressor Crankshaft | | 1 |
| | 38 | 203052 | Air Compressor Rear End Cover Gasket | | 1 |
| | 39 | | Lockwasher, 5/16" | | |
| | | | (Air Compressor Crankcase End Cover Stud) | | 8 |
| | 40 | | Hex Nut, 5/16" N.F. | | |
| | | | (Air Compressor Crankcase End Cover Stud) | | 8 |
| | 41 | 215210 | Air Compressor Unloader Lever | | 1 |
| | 42 | 202846 | Air Compressor Unloader Valve Adjusting Screw | | 2 |
| | 43 | 203106 | Air Compressor Unloader Diaphragm Follower Guard | | 1 |
| | 44 | 203115 | Air Compressor Unloader Box Cover | | 1 |
| | 45 | 220307 | Air Compressor Unloader Diaphragm Follower | | 1 |
| | 46 | 203109 | Air Compressor Unloader Diaphragm | | 2 |
| | 47 | | Machine Screw, 1/4 x 3/4" N.C. Round Head | | |
| | | | (Air Compressor Unloader Box Cover) | | 5 |
| | 48 | | Lockwasher, 1/4" | | |
| | | | (Air Compressor Unloader Box Cover Machine Screw) | | 5 |
| | 49 | 203003 | Hex Nut, 5/16" N.F.-3 (Air Compressor Crankcase Cover Studs) | | 8 |
| | | | Air Compressor Cylinder Block Head Studs | | 6 |
| | 50 | 203000 | Air Compressor Cylinder Block to Head Stud, Long | | 4 |
| | 51 | 202999 | Air Compressor Cylinder Block to Head Stud, Short | | 2 |
| | 52 | 202898 | Air Compressor Cylinder Block Gasket | | 1 |
| | 53 | 202998 | Air Compressor Crankcase to Block Stud | | 6 |
| | 54 | | Cotter Pin, 1/8 x 1-1/4" | | 1 |
| | 55 | 202926 | Air Compressor Coupling Flange Hex Nut | | 1 |
| 58982 D | 56 | | Air Compressor Coupling Flange | | 1 |

# ATTACHMENTS

| I H C PART NUMBER | REF. NO. | MFR'S. NUMBER | DESCRIPTION | SERIAL NUMBER | NO. REQ'D |
|---|---|---|---|---|---|
| | | | **AIR COMPRESSOR (Bendix-Westinghouse) AND MOUNTING BRACKET—Continued** | | |
| | | | **(⊛Scraper Modification, Euclid 1)** | | |
| | 57 | 204621 | Air Compressor Crankshaft Oil Seal | | 1 |
| | 58 | 204619 | Air Compressor Drive End Cover | | 1 |
| | 59 | 203052 | Air Compressor Drive End Cover Gasket | | 1 |
| 12331 VA | 60 | | Air Compressor Crankshaft Bearing (Drive End) | | |
| | | | (New Departure No. 5207) | | 1 |
| | 61 | 202999 | Air Compressor Crankcase End Cover Stud | | 8 |
| | 62 | 221172 | Air Compressor Crankcase | | 1 |
| 58981 D | 63 | | Air Compressor Bracket to Compressor Dowel Pin | | 2 |
| 8911 DX | 64 | | Air Compressor Bracket with 2 Dowel Pins, | | |
| | | | 38023 DM and 2 Pins, 58981 D | | 1 |
| | | | Cap Screw, 1/2 x 1-1/2" N.C., Hex Head | | 4 |
| | | | Lockwasher, 1/2" | | 4 |
| 38022 DM | 65 | | Air Compressor Bracket to Engine Crankcase Gasket | | 1 |
| 38023 DM | 66 | | Air Compressor Bracket to Engine Crankcase Dowel Pin | | 2 |
| | 67 | 203021 | Air Compressor Connecting Rod Bolt Nut | | 4 |
| | 68 | | Cotter Pin, 1/16 x 1/2" | | |
| | | | (Air Compressor Connecting Rod Bolt Nut) | | 4 |
| 4452 D | 69 | | Air Compressor Crankshaft Bearing (Rear) | | |
| | | | (New Departure No. 1207) | | 1 |
| | 70 | 202895 | Air Compressor Crankshaft Rear Bearing Retaining Nut Lock | | 1 |
| | 71 | 202894 | Air Compressor Crankshaft Rear Bearing Retaining Nut | | 1 |
| | 72 | 203028 | Air Compressor Crankshaft Rear End Cover Oil Seal Ring | | 1 |
| | 73 | 203446 | Air Compressor Rear End Cover | | 1 |
| 60863 D | 74 | 211376 | Air Compressor Base Gasket (.031" Thick) | | x |
| 68276 D | 74 | | Air Compressor Base Gasket (.006" Thick) | | x |
| 68277 D | 74 | | Air Compressor Base Gasket (.010" Thick) | | x |

x - As Required

# ATTACHMENTS

| I H C PART NUMBER | REF. NO. | MFR'S. NUMBER | DESCRIPTION | SERIAL NUMBER | NO. REQ'D | |
|---|---|---|---|---|---|---|
| | | | **22-2835—12 CUBIC FOOT AIR COMPRESSOR ATTACHMENT** | | | |
| | | | **((*)Power Scraper Modification, Galion 24)** | | | |
| | | | **For use in Conjunction with Distributor Attachment 23-2835** | | | |
| 5520 DBMX | | | AIR COMPRESSOR BRACKET (ILLUSTRATED WITH AIR COMPRESSOR) | | 1 | |
| 8906 DBX | | | CRANKCASE | | 1 | |
| 38024 DM | | | AIR COMPRESSOR WATER INLET TUBE | | 1 | |
| 38030 DCM | | (‡)215692 | AIR COMPRESSOR, COMPLETE (SEE DETAIL LIST FOR PARTS) | | 1 | |
| 38883 DM | | (‡)203741 | AIR COMPRESSOR OIL TUBE | | 1 | |
| 42409 DX | | | AIR COMPRESSOR WATER TUBE CONNECTOR WITH NUT, 37165 D | | 1 | |
| 56514 DX | | | AIR COMPRESSOR WATER TUBE ELBOW WITH NUT, 37165 D | | 3 | |
| 92473 HX | | | AIR COMPRESSOR DISCHARGE FITTING (ILLUSTRATED WITH AIR COMPRESSOR) | | 1 | |
| 92474 H | | | AIR COMPRESSOR DISCHARGE FITTING GASKET (ILLUSTRATED WITH AIR COMPRESSOR) | | 1 | |
| | | | AIR COMPRESSOR DRIVE (SEE DETAIL LIST COVERING AIR COMPRESSOR DRIVE) | | 1 | |
| | | (‡)G130494-21 | AIR COMPRESSOR WATER OUTLET TUBE | | 1 | |

(‡) - BENDIX WESTINGHOUSE

NOTE (*) - FOR TABULATION OF MODIFICATION, SEE INTRODUCTION PAGE

# ATTACHMENTS

| I H C PART NUMBER | REF. NO. | MFR'S. NUMBER | DESCRIPTION | SERIAL NUMBER | NO. REQ'D |
|---|---|---|---|---|---|
| | | | **AIR COMPRESSOR (Bendix-Westinghouse) AND MOUNTING BRACKET** | | |
| | | | **(*)Power Scraper Modification, Galion 24)** | | |
| | | | *(For illustration see page 194)* | | |
| 38030 DCM | | 215692 | AIR COMPRESSOR, COMPLETE | | |
| | | | (LESS REFERENCE NOS. 3,4,56,64,65,66,74) | | 1 |
| | | | CAP SCREW, 7/16 x 1-3/8" N.C., HEX HEAD | | 6 |
| | | | HEX NUT, 7/16" N.C. | | 3 |
| | | | LOCKWASHER, 7/16" | | 6 |
| | 1 | | HEX NUT, 3/8" N.F. | | |
| | | | (AIR COMPRESSOR DISCHARGE FITTING STUD) | | 2 |
| | 2 | | LOCKWASHER, 3/8" | | |
| | | | (AIR COMPRESSOR DISCHARGE FITTING STUD) | | 2 |
| 92473 HX | 3 | | AIR COMPRESSOR DISCHARGE FITTING | | 1 |
| 47128 H | 4 | | AIR COMPRESSOR DISCHARGE FITTING COUPLING NUT | | 1 |
| 47126 H | 5 | | AIR COMPRESSOR DISCHARGE FITTING COUPLING NUT SLEEVE | | 1 |
| 92474 H | 6 | | AIR COMPRESSOR DISCHARGE FITTING GASKET | | 1 |
| 38864 DM | 7 | 203100 | AIR COMPRESSOR DISCHARGE VALVE CAP NUT | | 2 |
| 38863 D | 8 | 203111 | AIR COMPRESSOR DISCHARGE VALVE SPRING | | 2 |
| 38862 DM | 9 | 203102 | AIR COMPRESSOR DISCHARGE VALVE | | 2 |
| | 10 | 202961 | AIR COMPRESSOR UNLOADER VALVE ADJUSTING SCREW LOCKNUT | | 2 |
| 38869 DM | 11 | 203113 | AIR COMPRESSOR UNLOADER LEVER RETURN SPRING | | 1 |
| | 12 | 203579 | COTTER PIN, 1/16 x 1/2" | | |
| | | | (AIR COMPRESSOR UNLOADER LEVER PIVOT PIN) | | 2 |
| 38877 DM | 13 | 203513 | AIR COMPRESSOR UNLOADER LEVER PIVOT PIN | | 1 |
| 38867 DM | 14 | 203104 | AIR COMPRESSOR UNLOADER VALVE SPRING RETAINING RING | | 2 |
| 38866 DM | 15 | 203107 | AIR COMPRESSOR UNLOADER VALVE SPRING STOP | | 2 |
| 38865 DM | 16 | 203112 | AIR COMPRESSOR UNLOADER VALVE SPRING | | 2 |
| | 17 | | AIR COMPRESSOR CYLINDER HEAD BODY DISCHARGE FITTING STUD | | 2 |
| 38887 DM | 18 | 215485 | AIR COMPRESSOR CYLINDER HEAD BODY | | 1 |
| 38888 DM | 18 | 215479 | AIR COMPRESSOR CYLINDER HEAD, COMPLETE | | 1 |
| 38874 DM | 19 | 203511 | AIR COMPRESSOR UNLOADER VALVE | | 2 |
| 38859 DM | 20 | 203490 | AIR COMPRESSOR CYLINDER HEAD GASKET | | 1 |
| 38887 DM | 21 | 216697 | AIR COMPRESSOR CYLINDER BLOCK | | 1 |
| | 22 | 203481 | AIR COMPRESSOR INLET CHAMBER COVER GASKET | | 3 |
| | 23 | 203482 | AIR COMPRESSOR INLET CHAMBER COVER | | 2 |
| 38858 DM | 25 | 203554 | AIR COMPRESSOR PISTON COMPRESSION RING | | 4 |
| | 27 | 203569 | HEX NUT, 3/8" N.F. | | |
| | | | (AIR COMPRESSOR CRANKCASE TO BLOCK STUD) | | 6 |
| | 28 | 203568 | LOCKWASHER, 3/8" | | |
| | | | (AIR COMPRESSOR CRANKCASE TO BLOCK STUD) | | 6 |

NOTE (*) - FOR TABULATION OF MODIFICATION, SEE INTRODUCTION PAGE

# ATTACHMENTS

| I H C PART NUMBER | REF. NO. | MFR'S. NUMBER | DESCRIPTION | SERIAL NUMBER | NO. REQ'D |
|---|---|---|---|---|---|
| | | | **AIR COMPRESSOR (Bendix-Westinghouse) AND MOUNTING BRACKET—Continued** | | |
| | | | **(⊛Power Scraper Modification, Galion 24)** | | |
| 7225 T | 29 | | AIR COMPRESSOR COUPLING FLANGE KEY | | |
| | | | (WOODRUFF NO. 11) | | 1 |
| 38884 DM | 30 | 203742 | AIR COMPRESSOR OIL FEED LINE GASKET | | 1 |
| 38854 DM | 31 | 203555 | AIR COMPRESSOR PISTON OIL RING | | 4 |
| 38855 DM | 32 | 203552 | AIR COMPRESSION PISTON | | 2 |
| 38856 DM | 33 | 203553 | AIR COMPRESSOR PISTON WRIST PIN | | 2 |
| 38857 DM | | 202988 | AIR COMPRESSOR PISTON WRIST PIN BUSHING | | 2 |
| | 34 | 202990 | AIR COMPRESSOR PISTON PIN LOCK | | 2 |
| 38861 DM | 35 | 202893 | AIR COMPRESSOR CONNECTING ROD BOLT | | 4 |
| 38853 DM | 36 | 216580 | AIR COMPRESSOR CONNECTING ROD WITH CAP | | 2 |
| 38886 DM | 37 | 203738 | AIR COMPRESSOR CRANKSHAFT | | 1 |
| 38876 DM | 38 | 203743 | AIR COMPRESSOR REAR END COVER GASKET | | 1 |
| | 39 | 203574 | LOCKWASHER, 5/16" | | |
| | | | (AIR COMPRESSOR CRANKCASE END COVER STUD) | | 8 |
| | 40 | 203145 | HEX NUT, 5/16" N.F. | | |
| | | | (AIR COMPRESSOR CRANKCASE END COVER STUD) | | 8 |
| 38868 DM | 41 | 215486 | AIR COMPRESSOR UNLOADER LEVER | | 1 |
| | 42 | 202846 | AIR COMPRESSOR UNLOADER VALVE ADJUSTING SCREW | | 2 |
| 38870 DM | 43 | 203106 | AIR COMPRESSOR UNLOADER DIAPHRAGM FOLLOWER GUARD | | 1 |
| 38871 DM | 44 | 203512 | AIR COMPRESSOR UNLOADER BOX COVER | | 1 |
| 38872 DM | 45 | 203108 | AIR COMPRESSOR UNLOADER DIAPHRAGM FOLLOWER | | 1 |
| 38873 DM | 46 | 203109 | AIR COMPRESSOR UNLOADER DIAPHRAGM | | 2 |
| | 47 | 203576 | MACHINE SCREW, 1/4 x 3/4" N.C. ROUND HEAD | | |
| | | | (AIR COMPRESSOR UNLOADER BOX COVER) | | 5 |
| | 48 | 203567 | LOCKWASHER, 1/4" | | |
| | | | (AIR COMPRESSOR UNLOADER BOX COVER MACHINE SCREW) | | 5 |
| | 49 | 203145 | HEX NUT, 5/16" N.F.-3 (AIR COMPRESSOR CRANKCASE COVER STUDS) | | 8 |
| 38860 DM | 50 | 203479 | AIR COMPRESSOR CYLINDER BLOCK HEAD STUDS | | 8 |
| 38879 DM | 52 | 203475 | AIR COMPRESSOR CYLINDER BLOCK GASKET | | 1 |
| 38878 DM | 53 | 203694 | AIR COMPRESSOR CRANKCASE TO BLOCK STUD | | 6 |
| | 54 | 203156 | COTTER PIN, 1/8 x 1-1/4" | | 1 |
| | 55 | 202921 | AIR COMPRESSOR COUPLING FLANGE HEX NUT | | 1 |
| 38020 DM | 56 | | AIR COMPRESSOR COUPLING FLANGE | | 1 |

# ATTACHMENTS

| I H C PART NUMBER | REF. NO. | MFR'S. NUMBER | DESCRIPTION | SERIAL NUMBER | NO. REQ'D |
|---|---|---|---|---|---|
| | | | **AIR COMPRESSOR (Bendix-Westinghouse) AND MOUNTING BRACKET—Continued** | | |
| | | | **(Ⓐ Power Scraper Modification, Galion 24)** | | |
| | 57 | 203745 | AIR COMPRESSOR CRANKSHAFT OIL SEAL | | 1 |
| 38852 DM | 58 | 213739 | AIR COMPRESSOR DRIVE FRONT END COVER | | 1 |
| 38851 DM | 59 | 203486 | AIR COMPRESSOR DRIVE FRONT END COVER GASKET | | 1 |
| 10691 V | 60 | | AIR COMPRESSOR CRANKSHAFT BEARING (DRIVE END) | | |
| | | | (NEW DEPARTURE No. 1307) | | 8 |
| 38880 DM | 61 | 203763 | AIR COMPRESSOR CRANKCASE END COVER STUD | | 8 |
| 38885 DM | 62 | 215693 | AIR COMPRESSOR CRANKCASE | | 1 |
| 58981 D | 63 | | AIR COMPRESSOR BRACKET TO COMPRESSOR DOWEL PIN | | 2 |
| 5520 DEMX | 64 | | AIR COMPRESSOR BRACKET WITH 2 DOWEL PINS, | | |
| | | | 38023 DM AND 2 PINS, 58981 D | | 1 |
| 38022 DM | 65 | | AIR COMPRESSOR BRACKET TO ENGINE CRANKCASE GASKET | | 1 |
| 38023 DM | 66 | | AIR COMPRESSOR BRACKET TO ENGINE CRANKCASE DOWEL PIN | | 2 |
| | 67 | 203021 | AIR COMPRESSOR CONNECTING ROD BOLT NUT | | 4 |
| | 68 | 203579 | COTTER PIN, 1/16 x 1/2" | | 4 |
| 10691 V | 69 | | AIR COMPRESSOR CRANKSHAFT BEARING (REAR) | | |
| | | | (NEW DEPARTURE No. 1307) | | 1 |
| 38875 DM | 71 | 203238 | AIR COMPRESSOR CRANKSHAFT OIL SEAL RING | | 1 |
| 38882 DM | 72 | 203028 | AIR COMPRESSOR CRANKSHAFT REAR END COVER OIL SEAL RING | | 1 |
| 38890 DM | 73 | 203740 | AIR COMPRESSOR REAR END COVER | | 1 |
| 38891 DM | | 215476 | AIR COMPRESSOR STRAINER | | 1 |
| | 74 | 22-2835-54 | AIR COMPRESSOR FLANGE GASKET | | x |

Ⓐ - FOR TABULATION OF MODIFICATION SEE INTRODUCTION PAGE

X - AS REQUIRED

# ATTACHMENTS

| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D |
|---|---|---|---|---|
| | | **23-2835—DISTRIBUTOR IGNITION WITH GENERATOR ATTACHMENT** | | |
| | | **(*)Used with Power Scraper Modification, Galion 24 and Scraper Modification, Euclid 1)** | | |
| 5121 D | | GENERATOR PULLEY | | 1 |
| 5428 D | | MAGNETO DRIVE COVER (NOT USED ON TRACTORS EQUIPPED WITH AIR | | |
| | | COMPRESSOR ATTACHMENT 22-2835) | | 1 |
| | | CAP SCREW, 1/2 x 2" N.F., HEX HEAD BOLT | | 4 |
| | | CAP SCREW, 1/2 x 1-1/8" N.F., HEX HEAD BOLT | | 4 |
| | | HEX NUT, 1/2" N.F., TYPE "B" | | 4 |
| | | LOCKWASHER, 1/2" M.D. STUD | | 6 |
| 8908 D | | AIR VALVE HOUSING | | 1 |
| | | LOCKWASHER, 7/16" N.T.P.P. | | 3 |
| | | CAP SCREW, 7/16 x 1-1/4" N.C., HEX HEAD BOLT | | 3 |
| | | PIPE PLUG, 3/4" COUNTERSUNK | | 1 |
| 13090 D | | AIR VALVE HOUSING PLUG | | 1 |
| 27387 D | | SPARK PLUG CABLE CLIP | | 2 |
| 27963 D | | DISTRIBUTOR SWITCH INSULATING POST WASHER | | 4 |
| | | CAP SCREW, 1/4" N.F. x 1-1/2" HEX HEAD BOLT | | 2 |
| | | HEX NUT, 1/4" N.F., TYPE "B" | | 2 |
| | | LOCKWASHER, 1/4" N.T.P.P. | | 2 |
| 28409 D | | SPARK PLUG CABLE (NOS. 3 AND 4 CYLINDERS), COMPLETE | | 2 |
| 30083 D | | SPARK PLUG CABLE (NOS. 2 AND 5 CYLINDERS), COMPLETE | | 2 |
| 32107 HX | | DISTRIBUTOR ADVANCE ARM ASSEMBLY | | 2 |
| | | CAP SCREW, 1/4 x 1/2" N.C., HEX HEAD BOLT | | 1 |
| | | LOCKWASHER, 1/4" M.D. STUD | | 1 |
| 32308 H | | IGNITION COIL (SEE AM-2406) | | 1 |
| 33786 D | | GENERATOR MOUNTING SHIM, LIGHT | | x |
| 33787 D | | GENERATOR MOUNTING SHIM, HEAVY | | x |
| 36874 D | | IGNITION TIMER DISTRIBUTOR | | 1 |
| 36875 D | | DISTRIBUTOR SLEEVE | | 1 |
| 36876 D | | DISTRIBUTOR SLEEVE FELT | | 1 |
| 37319 D | | SPARK PLUG CABLE (NOS. 1 AND 6 CYLINDERS), COMPLETE | | 2 |
| 42383 D | | AMMETER | | 1 |
| 42657 D | | AIR VALVE HOUSING PILOT RING | | 1 |
| 42658 D | | AIR VALVE SLEEVE | | 1 |

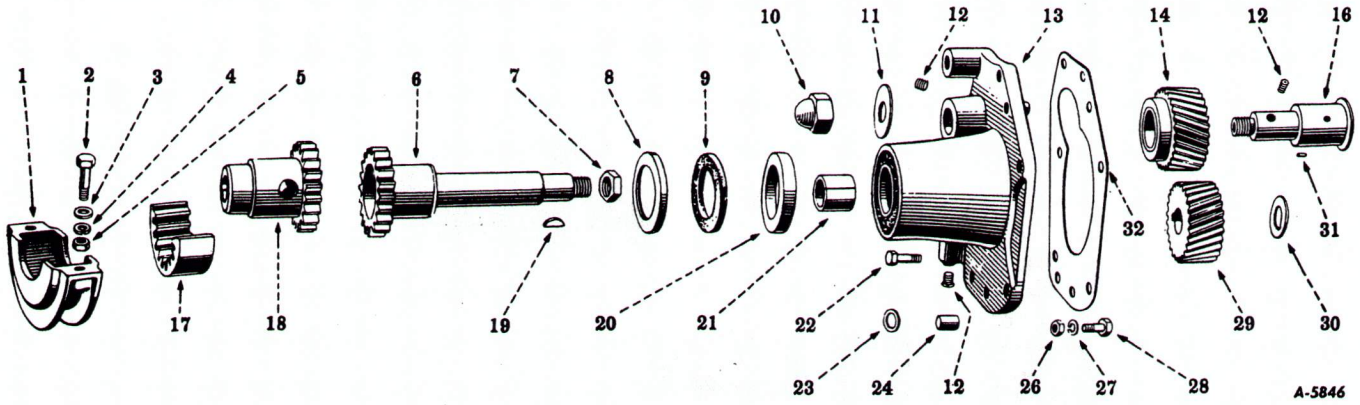
(*) - FOR TABULATION OF MODIFICATION, SEE INTRODUCTION PAGE

x - AS REQUIRED

# ATTACHMENTS

| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D | |
|---|---|---|---|---|---|
| | | **23-2835—DISTRIBUTOR IGNITION WITH GENERATOR ATTACHMENT—Continued** | | | |
| | | **( Used with Power Scraper Modification, Galion 24 and Scraper Modification, Euclid 1)** | | | |
| 53269 D | | GENERATOR PULLEY SPACER | | 1 | |
| 58973 DA | | DISTRIBUTOR SWITCH SPRING | | 2 | |
| 58004 D | | GENERATOR | | 1 | |
| 29-02837-10 | | IGNITION SWITCH | | 1 | |
| 9B-62835-27 | | LUBRICATOR OIL PUMP DRIVE PINION | | 1 | |
| 9B-62835-29 | | DISTRIBUTOR SWITCH CONTACT | | 1 | |
| 9B-62835-30 | | DISTRIBUTOR SWITCH CONTACT INSULATOR | | 1 | |
| 9B-62835-33 | | DISTRIBUTOR SWITCH INSULATING POST | | 2 | |
| 9B-62835-32 | | DISTRIBUTOR SWITCH INSULATOR | | 1 | |
| AB 5009-2 | | GENERATOR BRACE | | 1 | |
| AB 5009-3 | | GENERATOR PIVOT PIN | | 1 | |
| AB 5009-10 | | GENERATOR HEAT SHIELD TOP | | 1 | |
| AB 5009-11 | | GENERATOR HEAT SHIELD SIDE | | 2 | |
| AB 5009-12 | | GENERATOR HEAT SHIELD FRONT SUPPORT | | 1 | |
| AB 5009-13 | | GENERATOR HEAT SHIELD REAR SUPPORT | | 1 | |
| AB 5009-14 | | GENERATOR HEAT SHIELD ASSEMBLY | | X | |
| B 0461-48 | | DISTRIBUTOR SWITCH CONTACT INSULATOR WASHER | | 1 | |

X - AS REQUIRED



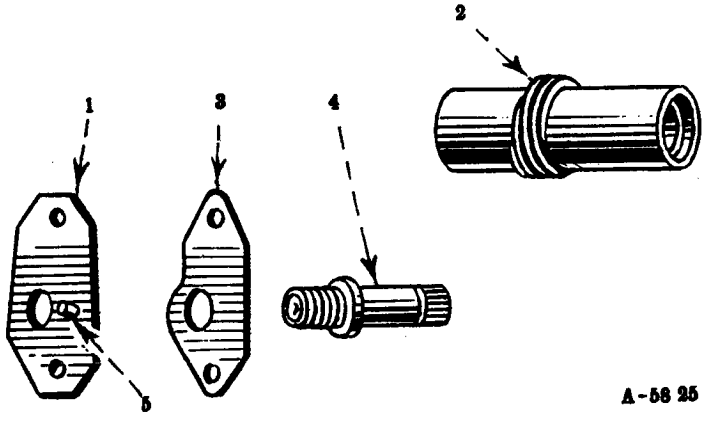

*Reference numbers only appear in the illustrations. Refer to list for part numbers.*

## AIR COMPRESSOR DRIVE

**(✱Power Scraper Modification, Galion 24 and Scraper Modification, Euclid 1)**

| | | | | |
|---|---|---|---|---|
| 5517 DM | 1 | Air Compressor Coupling Cover | 2 | |
| | 2 | Cap Screw, 5/16 x 2" N.F. Hex Head (Air Compressor Coupling Cover) | 2 | |
| | 3 | Washer, 11/32 I.D. x 11/16" O.D. x No. 16 ga. | | |
| | | (Air Compressor Coupling Cover Cap Screw) | 4 | |
| | 4 | Lockwasher, 5/16" (Air Compressor Coupling Cover Cap Screw) | 2 | |
| | 5 | Hex Nut, 5/16" N.F. (Air Compressor Coupling Cover Cap Screw) | 2 | |
| 38016 DM | 6 | Air Compressor Drive Shaft | 1 | |
| | 7 | Hex Jam Nut, 3/4" N.F. (Air Compressor Drive Shaft) | 1 | |
| 38018 DM | 8 | Air Compressor Drive Shaft Felt Washer Retainer | 1 | |
| 38017 DM | 9 | Air Compressor Drive Shaft Felt Washer | 1 | |
| 35319 D | 10 | Air Compressor Drive Idler Gear Shaft Nut | 1 | |
| 25132 D | 11 | Air Compressor Drive Idler Gear Shaft Nut Lock | 1 | |
| 50410 DA | 12 | Air Compressor Drive Housing Oil Hole Plug and Air Compressor Drive | | |
| | | Idler Gear Shaft Oil Hole Plug | 3 | |
| 5518 DMX | 13 | Air Compressor Drive Shaft Housing, Complete | 1 | |
| 32497 DX | 14 | Air Compressor Drive Idler Gear (27 Teeth) | 1 | |
| 32499 DAX | 16 | Air Compressor Drive Idler Gear Shaft with 1 Dowel Pin, | | |
| | | 29764 D and 1 Pipe Plug, 50410 DA | 2 | |
| 38021 DM | 17 | Air Compressor Coupling | 2 | |
| 58982 D | 18 | Air Compressor Coupling Flange (Euclid No. 1 only) | 1 | |
| | 18 | Air Compressor Coupling Flange (Galion No. 24 only) | 1 | |
| 4710 D | 19 | Air Compressor Drive Shaft Gear Key (Woodruff 15) | 1 | |
| 20290 D | 20 | Air Compressor Drive Shaft Oil Seal | 1 | |
| 38019 DM | 21 | Air Compressor Drive Shaft Bushing | 2 | |
| | 22 | Cap Screw, 1/2 x 2-1/8" N.F., Hex Head (Galion No. 24 only) | 2 | |
| | | (Air Compressor Drive Shaft Housing) | 2 | |
| | 22 | Cap Screw, 1/2 x 2-1/2" N.F. Hex Head (Euclid No. 1 only) | | |
| | | (Air Compressor Drive Shaft Housing) | 2 | |
| 25352 D | 23 | Air Compressor Drive Shaft Housing Bolt Washer | 2 | |
| 32504 D | 24 | Air Compressor Drive Shaft Housing Dowel Pin | 2 | |
| | 26 | Hex Nut, 1/2" N.F. (Air Compressor Drive Shaft Housing Cap Screw) | 4 | |
| | 27 | Lockwasher, 1/2" (Air Compressor Drive Shaft Housing Cap Screw) | 6 | |
| | 28 | Cap Screw, 1/2 x 2" N.F., Hex Head | | |
| | | (Air Compressor Drive Shaft Housing) | 4 | |
| 38014 DM | 29 | Air Compressor Drive Shaft Gear (25 Teeth) | 1 | |
| 38015 DM | 30 | Air Compressor Drive Shaft Gear Lock | 1 | |
| 29764 D | 31 | Air Compressor Drive Idler Gear Shaft Dowel Pin | 1 | |
| 32505 D | 32 | Air Compressor Drive Shaft Housing Gasket | 1 | |

Note ✱ - For Tabulation of Modification, See Introduction Page



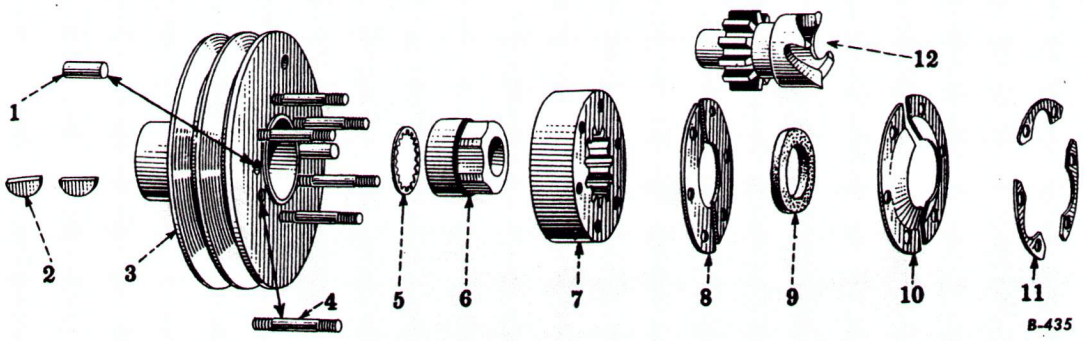

*Reference numbers only are shown in illustration. Use I H C part numbers in ordering.*

## TACHOMETER DRIVE

**(Ⓐ Power Scraper Modification, Galion 24)**

| | | | |
|---|---|---|---|
| 13-2835 | | TACHOMETER ATTACHMENT, COMPLETE (REMOTE MOUNTING) (SEE NOTE NO. 2) | 1 |
| 67789 DMX | 1 | TACHOMETER DRIVE COVER PLATE WITH PIN, 67790 DM | 1 |
| 68595 DM | 2 | TACHOMETER DRIVE GEAR AND SLEEVE (18 TEETH) | 1 |
| 49451 D | 3 | TACHOMETER DRIVE COVER PLATE GASKET | 1 |
| 68597 DM | 4 | TACHOMETER DRIVEN GEAR, SHAFT AND SLEEVE (18 TEETH) (STEWART-WARNER 406065) | 1 |
| 67790 DM | 5 | TACHOMETER DRIVE COVER PLATE PIN | 1 |
| | | TACHOMETER CABLE (STEWART-WARNER 65600 - SPECIFY LENGTH WHEN ORDERING) | 1 |
| | | NOTE Ⓐ - FOR TABULATION OF MODIFICATION, SEE INTRODUCTION PAGE | |

**Note No. 1—Order Machine Attachments through same channels as complete machine is ordered.**
**Note No. 2—Order attachments (not marked Machine Attachments) through regular service parts channel.**



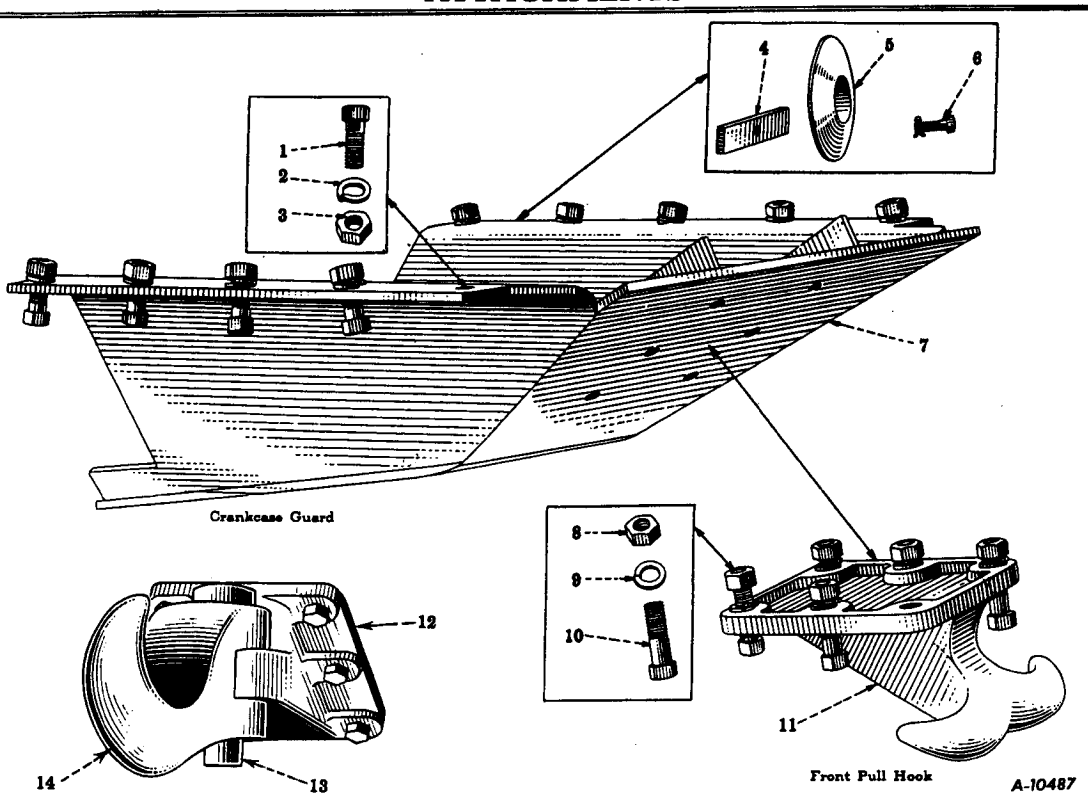

*Reference numbers only are shown in illustration. Use I H C part numbers in ordering.*
*Unnumbered parts in the illustrations are the same as corresponding parts shown with numbers.*

## FRONT POWER TAKE-OFF COUPLING (Special)

| | | | | |
|---|---|---|---|---|
| 47494 DA | | FRONT POWER TAKE-OFF COUPLING ATTACHMENT (MACHINE ATTACHMENT) | | |
| | | (*) PIPE LAYER MODIFICATION SUPERIOR 1A) (SEE NOTE NO. 1) | TDRM 501 TO 12035 | 1 |
| 254474 R91 | | FRONT POWER TAKE-OFF COUPLING ATTACHMENT (MACHINE ATTACHMENTS) | | |
| | | (SEE NOTE NO. 1) | TDRM 12035 UP | 1 |
| 47490 D | 1 | FRONT POWER TAKE-OFF DRIVE PIN | TDRM 501 TO 12035 | 2 |
| 47487 D | 2 | FRONT POWER TAKE-OFF FAN DRIVE PULLEY KEY (WOODRUFF NO. 23) | TDRM 501 TO 12035 | 2 |
| 6517 DX | 3 | FRONT POWER TAKE-OFF FAN DRIVE PULLEY WITH 2 PINS, | | |
| | | 47490 D | TDRM 501 TO 12035 | 1 |
| 47489 D | 4 | FRONT POWER TAKE-OFF COUPLING STUD | | 6 |
| | | HEX NUT, 3/8" N.F. | | 6 |
| 18767 D | 5 | FRONT POWER TAKE-OFF FAN DRIVE PULLEY NUT LOCK | | 1 |
| 6516 D | 6 | FRONT POWER TAKE-OFF FAN DRIVE PULLEY NUT | | 1 |
| 47488 D | 7 | FRONT POWER TAKE-OFF COUPLING, 11 TEETH | | 1 |
| 47491 D | 8 | FRONT POWER TAKE-OFF SHAFT RETAINER | | 2 |
| 47492 D | 9 | FRONT POWER TAKE-OFF SHAFT FELT WASHER | | 1 |
| 47493 D | 10 | FRONT POWER TAKE-OFF SHAFT FELT WASHER RETAINER | | 2 |
| 36795 DA | 11 | FRONT POWER TAKE-OFF COUPLING STUD NUT LOCK | | 3 |
| 57624 D | 12 | FRONT POWER TAKE-OFF STARTING CRANK ADAPTER | | 1 |

(*) - FOR TABULATION OF MODIFICATION SEE INTRODUCTORY PAGE

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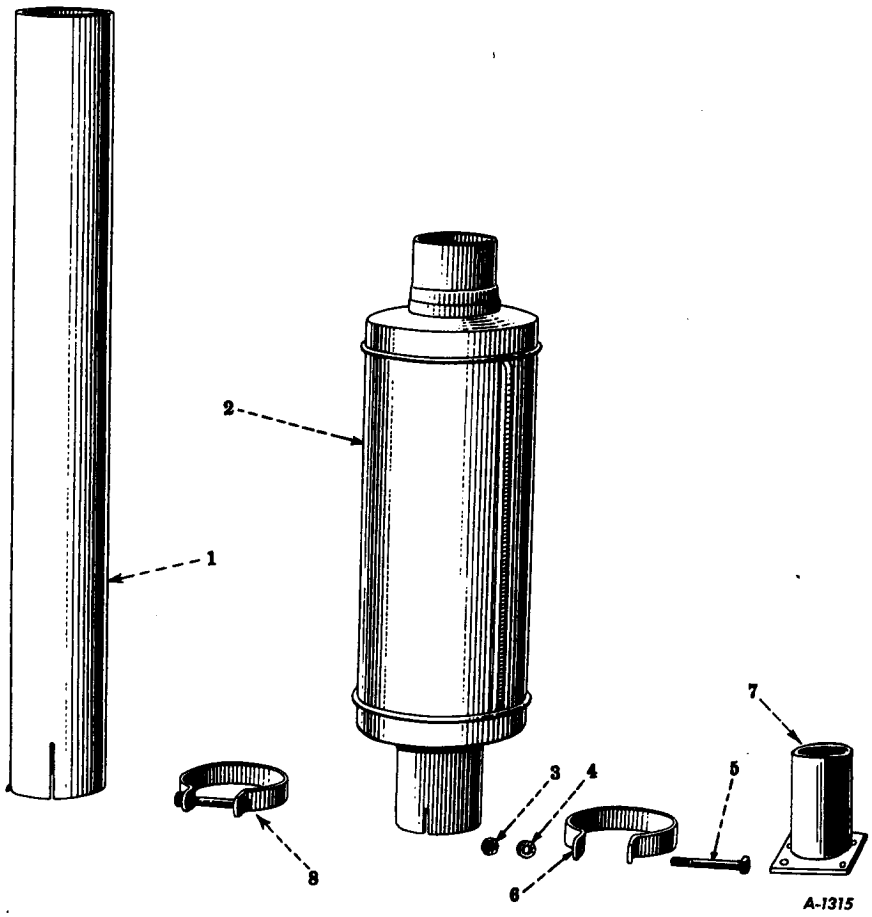



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*Unnumbered parts in the illustrations are the same as corresponding parts shown with numbers.*

## CRANKCASE GUARD
## FRONT PULL HOOK
## SWIVEL FRONT PULL HOOK
**(Special)**

| | | | | |
|---|---|---|---|---|
| 42887 D | | CRANKCASE GUARD ATTACHMENT (MACHINE ATTACHMENT) (SEE NOTE NO. 1) | 1 | |
| 42902 D | | FRONT PULL HOOK ATTACHMENT (MACHINE ATTACHMENT) (SEE NOTE NO. 1) | 1 | |
| 51185 D | | SWIVEL FRONT PULL HOOK ATTACHMENT (MACHINE ATTACHMENT) (SEE NOTE NO. 1) | 1 | |
| | | | | |
| | 1 | | | |
| | TO | FOLLOWS REFERENCE NO. 7 | | |
| | 3 | | | |
| 42877 D | 4 | CRANKCASE GUARD HAND HOLE COVER SUPPORT | 1 | |
| 5977 D | 5 | CRANKCASE GUARD HAND HOLE COVER | 1 | |
| 42879 D | 6 | CRANKCASE GUARD HAND HOLE COVER BOLT, 1/2 X 1-1/2" N.F. | 1 | |
| | | COTTER PIN, 1/8 X 3/4" | 1 | |
| 42880 DA | 7 | CRANKCASE GUARD, COMPLETE | 1 | |
| | 1 | CAP SCREW, 7/8 X 2" N.F. HEX HEAD | 10 | |
| | 3 | HEX NUT, 7/8" N.F. | 10 | |
| | 2 | LOCKWASHER, 7/8" | 10 | |
| | | | | |
| | 8 | HEX NUT, 7/8" N.F. | 6 | |
| | 9 | LOCKWASHER, 7/8" | 6 | |
| 5980 D | 11 | FRONT PULL HOOK | 1 | |
| | 10 | CAP SCREW, 7/8 X 2-3/4" N.F. HEX HEAD | 6 | |
| 8108 D | 12 | SWIVEL FRONT PULL HOOK BRACKET | 1 | |
| | | CAP SCREW, 7/8 X 2-3/4" N.F. HEX HEAD | 6 | |
| | | HEX NUT, 7/8" N.F. | 6 | |
| | | LOCKWASHER, 7/8" | 6 | |
| 51184 D | 13 | SWIVEL FRONT PULL HOOK PIN | 1 | |
| 8107 D | 14 | SWIVEL FRONT PULL HOOK | 1 | |

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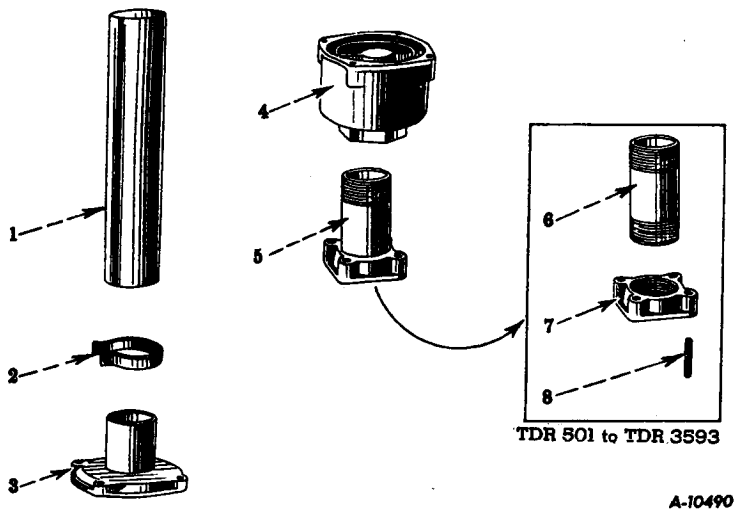

*Reference numbers only are shown in illustration. Use I H C part numbers in ordering.*
*Unnumbered parts in the illustrations are the same as corresponding parts shown with numbers.*

## EXHAUST MUFFLER AND EXHAUST EXTENSION (Special)

| | | | | |
|---|---|---|---|---|
| 40152 D | | Exhaust Extension Attachment (See Note No. 2) (Order 254070 R91) | | |
| | | (Includes Ref. No. 1 and 8) | 2 | |
| 46339 D | | Exhaust Muffler Attachment (Crane Modification Hughes-Keenan No. 24 | | |
| | | and Pipe Layer Modification Superior 1 A) (Factory Application only) | | |
| | | (See Note ⊛) (Includes Ref. No. 2 to 7 Inclusive) | 1 | |
| 46645 D | | Exhaust Muffler Attachment (See Note No. 2) | 1 | |
| 254070 R91 | | Exhaust Extension Attachment (See Note No. 2) (Will Work | | |
| | | for 40152 D) (Includes 2 each of Ref. Nos. 1 and 8) | 1 | |
| | | | | |
| 40151 D | 1 | Exhaust Pipe Extension | 2 | |
| | | | | |
| 40142 D | 2 | Exhaust Muffler | 2 | |
| U 14284 | 6 | Exhaust Muffler Clamp | 2 | |
| | 5 | Cap Screw, 5/16 x 2-1/4" N.F., Hex Head | 2 | |
| | 3 | Hex Nut, 5/16" N.F. | 2 | |
| | 4 | Lockwasher, 5/16" | 2 | |
| | | | | |
| 46644 DX | 7 | Exhaust Pipe with Flange | | |
| | | (Crane Modification Hughes-Keenan No. 24) (See Note ⊛) | 2 | |
| U 14284 | 8 | Exhaust Pipe Extension Clamp | 2 | |
| | | Cap Screw, 5/16 x 2-1/4" N.F., Hex Head | 2 | |
| | | Hex Nut, 5/16" N.F. | 2 | |
| | | Lockwasher, 5/16" | 2 | |
| | | Note ⊛ - For Tabulation of Modification, See Introduction Page | | |

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(Revised 3-'50)




*Reference numbers only are shown in illustration. Use I H C part numbers in ordering.*

## SPARK ARRESTER (Special)

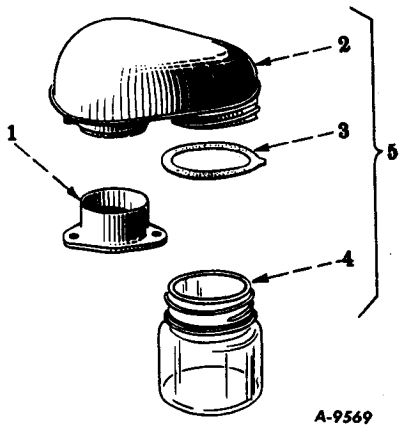
| | | | | |
|---|---|---|---|---|
| 52418 D | | SPARK ARRESTER ATTACHMENT (SEE NOTE NO. 2) | 1 | |
| 40151 D | 1 | SPARK ARRESTER EXHAUST PIPE EXTENSION | 2 | |
| U 14284 | 2 | SPARK ARRESTER EXHAUST PIPE EXTENSION CLAMP | 2 | |
| | | CAP SCREW, 5/16 X 2" N.F., HEX HEAD | 2 | |
| | | HEX NUT, 5/16" N.F. | 2 | |
| | | LOCKWASHER, 5/16" | 2 | |
| 8384 D | 3 | SPARK ARRESTER TOP | 2 | |
| | | CAP SCREW, 3/8 X 1-3/8" N.C., HEX HEAD | 8 | |
| | | LOCKWASHER, 3/8" | 8 | |
| 8383 D | 4 | SPARK ARRESTER BODY | 2 | |
| 60749 D | 5 | SPARK ARRESTER EXHAUST PIPE WITH FLANGE — TDR 3594 UP | 1 | |
| 52417 D | 6 | SPARK ARRESTER EXHAUST PIPE — TDR 501 TO 3593 | 2 | |
| 5052 D | 7 | SPARK ARRESTER EXHAUST PIPE FLANGE — TDR 501 TO 3593 | 2 | |
| 32568 D | 8 | SPARK ARRESTER EXHAUST PIPE STUD — TDR 501 TO 3593 | 8 | |

**Note No. 1—Order Machine Attachments through same channels as complete machine is ordered.**
**Note No. 2—Order attachments (not marked Machine Attachments) through regular service parts channel.**

# ATTACHMENTS

| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D | |
|---|---|---|---|---|---|
| | | **AIR PIPE EXTENSION (Special)** | | | |
| | | **For Air Cleaner** | | | |
| 47799 D | | AIR PIPE EXTENSION ATTACHMENT (SEE NOTE No. 2) | TDR 501 TO 1653 | 1 | |
| 59255 D | | AIR PIPE EXTENSION ATTACHMENT (SEE NOTE No. 2) | TDR 1654 UP | 1 | |
| 8935 D | | AIR PIPE | TDR 1654 UP | 1 | |
| 45908 DA | | AIR PIPE EXTENSION BRACE CLAMP | TDR 501 TO 1653 | 1 | |
| | | CAP SCREW, 3/8 x 1-3/4" N.C., HEX HEAD | | 1 | |
| | | HEX NUT, 3/8" N.C. | | 1 | |
| | | LOCKWASHER, 3/8" | | 1 | |
| 45908 DA | | AIR PIPE EXTENSION CLAMP | TDR 1654 UP | 1 | |
| | | CAP SCREW, 3/8 X 1" N.C. HEX HEAD | | 1 | |
| | | HEX NUT, 3/8" N.C. | | 1 | |
| | | LOCKWASHER, 3/8" | | 1 | |
| 45908 DAX | | AIR PIPE EXTENSION BRACE CLAMP WITH 3/8 x 1" CAP-SCREW, NUT AND LOCKWASHER (WILL WORK FOR 45908 D) | TDR 501 TO 509 | 1 | |
| 47796 D | | AIR PIPE EXTENSION, 68-1/2" LONG | TDR 501 TO 1653 | 1 | |
| 47797 D | | AIR PIPE EXTENSION BRACE, FRONT | TDR 501 TO 1653 | 1 | |
| | | CAP SCREW, 3/8 X 1" N.C HEX HEAD | | 1 | |
| 47798 D | | AIR PIPE EXTENSION BRACE PIPE | TDR 501 TO 1653 | 1 | |
| | | CAP SCREW, 3/8 X 1" N.C. HEX HEAD | | | |
| 59254 D | | AIR PIPE EXTENSION, 36" LONG | TDR 1654 UP | 1 | |

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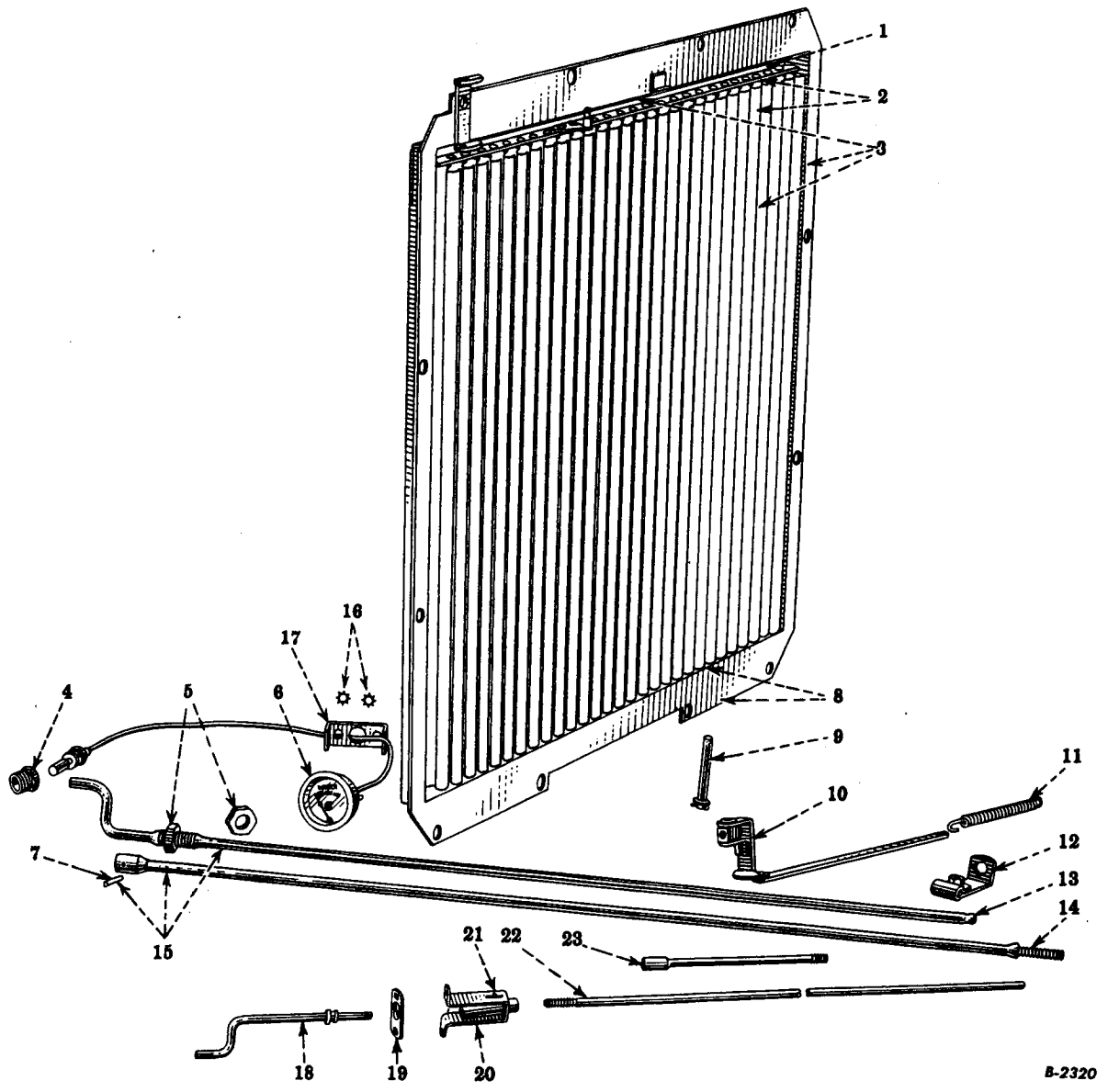



*Reference numbers only are shown in illustration. Use I H C part numbers in ordering.*

## PRE-CLEANER (Special)

| | | | | |
|---|---|---|---|---|
| 59328 D | 1 | | PRE-CLEANER FLANGE | 1 |
| | | | CAP SCREW, 3/8 x 3/4" N.C., HEX HEAD TDR 1654 UP | 3 |
| | | | LOCKWASHER, 3/8" | 3 |
| 59419 D | 2 | X-1595 | COLLECTOR PRE-CLEANER | 1 |
| 54081 D | 3 | P-2775 | GASKET (ORDER 66776 D) | 1 |
| 66776 D | 3 | P-3995 | GASKET (WILL WORK FOR 54081 D) | 1 |
| 54082 D | 4 | P-2776 | DUST JAR | 1 |
| 59324 D | 5 | | PRE-CLEANER (COLLECTOR TYPE) ATTACHMENT | |
| | | | (LESS REFERENCE NO. 1) (SEE NOTE NO. 2) TDR 501 TO 1654 | 1 |
| 59332 D | 5 | | PRE-CLEANER (COLLECTOR TYPE) ATTACHMENT | |
| | | | (INCLUDES REFERENCE NO. 1) (SEE NOTE NO. 2) TDR 1654 UP | 1 |

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*Reference numbers only are shown in illustration. Use I H C part numbers in ordering.*

## RADIATOR SHUTTER AND CONTROLS (Special)

| | | | | | |
|---|---|---|---|---|---|
| 42903 D | | 15500 | Radiator Shutter (Hardy Manufacturing Corporation) | | |
| | | | Complete | 1 | |
| | | | Cap Screw, 3/8 X 5/8" N.C. Hex Head | 12 | |
| | | | Lockwasher, 3/8" | 12 | |
| 42913 D | | | Radiator Shutter Attachment (See Note No. 2) TDR 501 to 1653 | 1 | |
| 58401 D | | | Radiator Shutter Attachment (See Note No. 2) TDR 1654 to 13000 | 1 | |
| 255998 R92 | | | Radiator Shutter Attachment (See Note No. 2) TDR 13001 up | 1 | |
| 256600 R91 | | | Radiator Shutter Attachment (Less Heat | | |
| | | | Indicator) (See Note No. 2) TDR 13001 up | 1 | |
| | | | | | |
| | | | | | |
| 47528 D | 1 | 15534 | Bearing Carrier, Complete | 1 | |
| | | | Screw, No. 10 - 32 X 3/8" Round Head | 7 | |
| | | | Hex Nut, No. 10 - 32 N.F. | 7 | |
| | | | Lockwasher, No. 10 | 7 | |

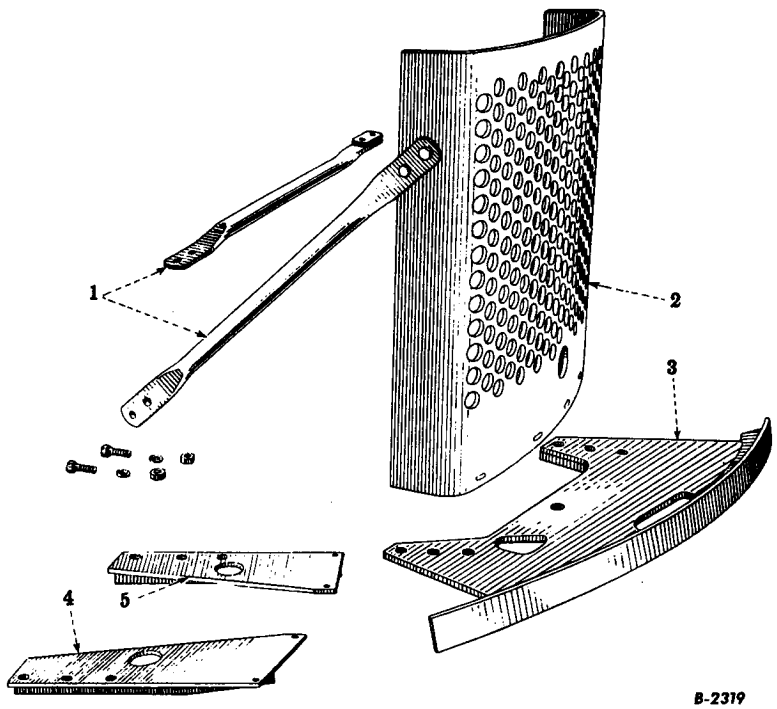
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# ATTACHMENTS

## RADIATOR SHUTTER AND CONTROLS (Special)—Continued

| I H C PART NUMBER | REF. NO. | MFR'S. NUMBER | DESCRIPTION | SERIAL NUMBER | NO. REQ'D |
|---|---|---|---|---|---|
| 47529 D | 2 | 15538 | SHUTTER AND OPERATING BAR, COMPLETE | | 1 |
| 47531 D | 3 | 15501 | SHUTTER UNIT | | 1 |
| 51510 D | 4 | VTCS-44 | HEAT INDICATOR REDUCING BUSHING | | 1 |
| 255977 R91 | 6 | | HEAT INDICATOR (170° - 200°) (FOR ATTACHMENT 255998 R92) | | 1 |
| 42911 DB | 6 | | HEAT INDICATOR (170° - 200°) (ROCHESTER) | | |
| | | | (WILL WORK FOR 58450 D) (USED WITH ATTACHMENTS | | |
| | | | 42913 D AND 58401 D) | | 1 |
| | | | HEX NUT, NO. 12 - 24 N.C. | | 2 |
| 58450 D | 6 | | HEAT INDICATOR (ORDER 42911 DB) | | 1 |
| 63782 D | 6 | | HEAT INDICATOR (130° - 160°) (ROCHESTER) (USED WITH LOW | | |
| | | | BOILING POINT THERMOSTAT AND HEAT INDICATOR | | |
| | | | ATTACHMENT, 250255 R91) | | 1 |
| 38146 D | 7 | | RADIATOR SHUTTER CONTROL ROD COUPLING | | |
| | | | GROOVE PIN, 1/8 X 5/8" | TDR 501 TO 1653 | 1 |
| 47525 D | 8 | 15533 | FRAME AND BEARING BAR, COMPLETE | | 1 |
| 47526 D | 9 | 15499 | BELL CRANK AND OPERATING LINK PIN | | 1 |
| | | | COTTER PIN, 1/16 X 5/8" | | 2 |
| | | | WASHER, 5/16" I.D. X 9/16" O.D. X | | |
| | | | No. 18 GAUGE | | 1 |
| 47527 D | 10 | 15529 | BELL CRANK AND OPERATING LINK, COMPLETE | | 1 |
| 47530 D | 11 | 15549 | BELL CRANK AND OPERATING LINK SPRING | | 1 |
| 42910 D | 12 | | RADIATOR SHUTTER CONTROL ROD SUPPORT | TDR 501 TO 13000 | 1 |
| | | | CAP SCREW, 5/16 X 1/2" N.F. HEX HEAD | | 1 |
| | | | HEX NUT, 5/16" N.F. | | 1 |
| | | | LOCKWASHER, 5/16" | | 1 |
| 255978 R1 | 12 | | RADIATOR SHUTTER CONTROL ROD SUPPORT | TDR 13001 UP | 1 |
| | | | CAP SCREW, 5/16 X 1/2" N.F. HEX HEAD | | 1 |
| | | | HEX NUT, 5/16" N.F. | | 1 |
| | | | LOCKWASHER, 5/16" | | 1 |
| 42905 DX | 13 | | RADIATOR SHUTTER CONTOL ROD - REAR, | | |
| | | | COMPLETE (ORDER 42905 DY) | TDR 501 TO 1653 | 1 |
| | 5 | | HEX JAM NUT, 5/8" N.F. | | 2 |
| 42905 DY | 13 | | RADIATOR SHUTTER CONTROL ROD - REAR, | | |
| | | | COMPLETE, 42905 DX WITH GROOVE PIN, | | |
| | | | 38146 D (WILL WORK FOR 42905 DX) | TDR 501 TO 1653 | 1 |
| 42906 DX | 14 | | RADIATOR SHUTTERCONTROL ROD - FRONT, | | |
| | | | COMPLETE (ORDER 42906 DY) | TDR 501 TO 1653 | 1 |
| | | | COTTER PIN, 1/8 X 3/4" | | 1 |
| 42906 DY | 14 | | RADIATOR SHUTTER CONTROL ROD - FRONT WITH | | |
| | | | GROOVE PIN, 38146 D (WILL WORK FOR | | |
| | | | 42906 DX) | TDR 501 TO 1653 | 1 |

| I H C PART NUMBER | REF. NO. | MFR'S. NUMBER | DESCRIPTION | SERIAL NUMBER | NO. REQ'D | |
|---|---|---|---|---|---|---|
| | | | **RADIATOR SHUTTER AND CONTROLS (Special)—Continued** | | | |
| 42904 DX | 15 | | RADIATOR SHUTTER CONTROL ROD, COMPLETE | | | |
| | | | (ONE PIECE) (ORDER 42907 D) | TDR 501 TO 1653 | 1 | |
| | | | COTTER PIN, 1/8 X 3/4" | | 1 | |
| 42907 D | 15 | | RADIATOR SHUTTER CONTROL ROD FRONT AND | | | |
| | | | REAR, COMPLETE (2 PIECES, 42905 DX AND | | | |
| | | | 42906 DX) (WILL WORK FOR 42904 DX) | TDR 501 TO 1653 | 1 | |
| 53031 D | 16 | | HEAT INDICATOR CLAMP STUD WASHER | | | |
| | | | (SHAKEPROOF NO. 1112) | | 2 | |
| 50417 D | 17 | OP-38-D | HEAT INDICATOR CLAMP | | 1 | |
| 52445 D | 18 | | RADIATOR SHUTTER CONTROL CRANK WITH HANDLE | TDR 1654 UP | 1 | |
| 50763 DA | 19 | | RADIATOR SHUTTER CONTROL CRANK SPACER | TDR 1654 UP | 1 | |
| 50760 D | 20 | | RADIATOR SHUTTER CONTROL CRANK BRACKET, | | | |
| | | | COMPLETE | TDR 1654 UP | 1 | |
| | | | CARRIAGE BOLT, 1/4 X 3/4" N.C. | | 2 | |
| | | | HEX NUT, 1/4" N.C. | | 2 | |
| | | | LOCKWASHER, 1/4" | | 2 | |
| 50767 D | 21 | | RADIATOR SHUTTER CONTROL CRANK THREADED | | | |
| | | | COLLAR PIN | TDR 1654 UP | 1 | |
| 50764 D | 22 | | RADIATOR SHUTTER CONTROL ROD, REAR | TDR 1654 UP | 1 | |
| | | | HEX NUT, 3/8" N.C. | | 1 | |
| 58402 DX | 23 | | RADIATOR SHUTTER CONTROL ROD FRONT WITH | | | |
| | | | COUPLING | TDR 1654 UP | 1 | |
| | | | COTTER PIN, 1/8 X 3/4" | | 1 | |




*Reference numbers only are shown in illustration. Use I H C part numbers in ordering.*
*Unnumbered parts in the illustrations are the same as corresponding parts shown with numbers.*

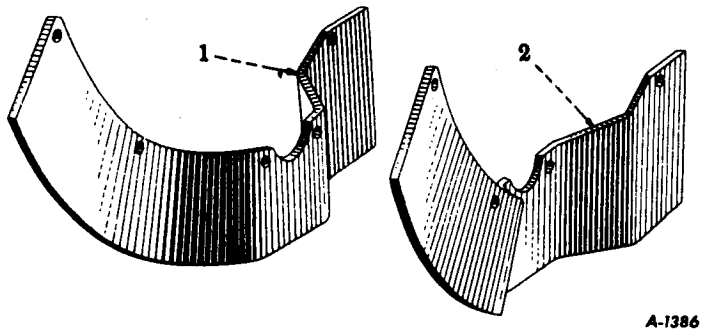
## FRONT BUMPER AND RADIATOR GUARD (Special)

| | | | |
|---|---|---|---|
| 42891 DA | | Front Bumper Attachment (Machine Attachment) (See Note No. 1) | 1 |
| 42900 D | | Radiator Guard Attachment (Machine Attachment) (See Note No. 1) | 1 |
| 42901 DA | | Front Bumper and Radiator Guard Attachment | |
| | | (Machine Attachment) (See Note No. 1) | 1 |
| 42898 DBX | 1 | Radiator Guard Brace with Spacer | 2 |
| | | Cap Screw, 5/8 X 2" N.F.. Hex Head | 4 |
| | | Cap Screw, 5/8 X 2-1/2" N.F., Hex Head | 4 |
| | | Hex Nut, 5/8" N.F. | 8 |
| | | Lockwasher, 5/8" | 8 |
| 42892 DX | 2 | Radiator Guard with Supports | 1 |
| | | Cap Screw, 1/2 X 1-1/2" N.F. Hex Head | |
| | | (Used with Front Bumper) | 4 |
| | | Lockwasher, 1/2" | 4 |
| 42888 DB | 3 | Front Bumper with Leg and Gussets | 1 |
| | | Cap Screw, 3/4 X 2-1/4" N.C., Hex Head | 2 |
| | | Cap Screw, 7/8 X 2-1/4" N.F., Hex Head | 6 |
| | | Hex Nut, 7/8" N.F. | 6 |
| | | Lockwasher, 3/4" | 2 |
| | | Lockwasher, 7/8" | 6 |
| | | Washer, 25/32" I.D. X 1-1/2" O. D. X No. 10 Gauge | 2 |

**Note No. 1—Order Machine Attachments through same channels as complete machine is ordered.**
**Note No. 2—Order attachments (not marked Machine Attachments) through regular service parts channel.**

# ATTACHMENTS

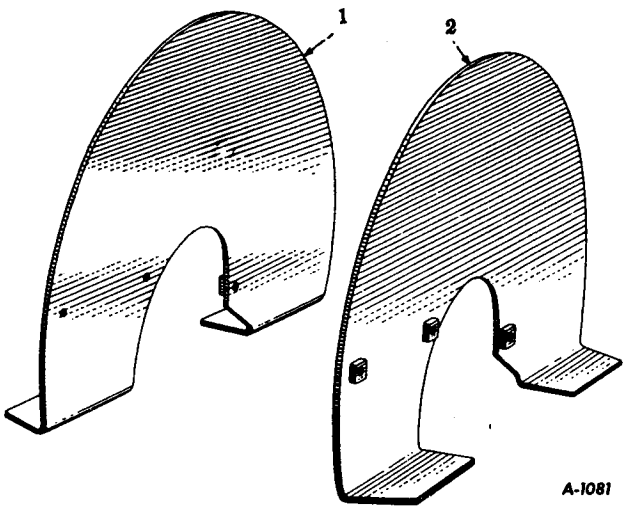
| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D | |
|---|---|---|---|---|---|
| | | **FRONT BUMPER AND RADIATOR GUARD (Special)—Continued** | | | |
| 42897 DA | 4 | RADIATOR GUARD SUPPORT BRACKET, RIGHT HAND WITH GUSSET | | 1 | |
| | | CAP SCREW, 3/4 X 2" N.C. HEX HEAD | | 1 | |
| | | CAP SCREW, 7/8 X 2" N.F. HEX HEAD | | 2 | |
| | | HEX NUT, 7/8" N.F. | | 2 | |
| | | LOCKWASHER, 3/4" | | 1 | |
| | | LOCKWASHER, 7/8" | | 2 | |
| | | WASHER, 25/32" I.D. X 1-1/2" O.D. X No. 10 GAUGE | | 1 | |
| 42896 DA | 5 | RADIATOR GUARD SUPPORT BRACKET, LEFT HAND WITH GUSSET | | 1 | |
| | | CAP SCREW, 3/4 X 2" N.C. HEX HEAD | | 1 | |
| | | CAP SCREW, 7/8 X 2" N.F. HEX HEAD | | 2 | |
| | | HEX NUT, 7/8" N.F. | | 2 | |
| | | LOCKWASHER, 3/4" | | 1 | |
| | | LOCKWASHER, 7/8" | | 2 | |
| | | WASHER, 25/32" I.D. X 1-1/2" O.D. X No. 10 GAUGE | | 1 | |




*Reference numbers only are shown in illustration. Use I H C part numbers in ordering.*

## SPROCKET ROCK DEFLECTOR (Special)

| | | | | |
|---|---|---|---|---|
| 42858 D | | Sprocket Rock Deflector Attachment | | |
| 41896 DA | 1 | Sprocket Rock Deflector, L. H. | 1 | |
| | | Cap Screw, 1/2 x 2-1/2" N.F., Hex Head | 2 | |
| | | Cap Screw, 1/2 x 2-1/4" N.F. Hex Head | 3 | |
| | | Hex Nut, 1/2" | 5 | |
| | | Lockwasher, 1/2" | 5 | |
| 41897 DA | 2 | Sprocket Rock Deflector, R. H. | 1 | |
| | | Cap Screw, 1/2 x 2-1/4" N.F. Hex Head | 3 | |
| | | Cap Screw, 1/2 x 2-1/2" N.F., Hex Head | 2 | |
| | | Hex Nut, 1/2" | 5 | |
| | | Lockwasher, 1/2" | 5 | |




*Reference numbers only are shown in illustration. Use I H C part numbers in ordering.*

## FRONT IDLER SHIELD (Special)

| | | | | |
|---|---|---|---|---|
| 42876 D | | Front Idler Shield Attachment (See Note No. 2) | 1 | |
| | | | | |
| 42874 DX | 1 | Front Idler Shield, L. H., Outer with tapping blocks | 1 | |
| 42874 DX | 1 | Front Idler Shield, R. H., Inner with Tapping Blocks | 1 | |
| | | Cap Screw, 1/2 x 1-7/8" N.F., Hex Head | 6 | |
| | | Lockwasher, 1/2" | 6 | |
| 42875 DX | 2 | Front Idler Shield, R. H., Outer with Tapping Blocks | 1 | |
| 42875 DX | 2 | Front Idler Shield, L. H., Inner with Tapping Blocks | 1 | |
| | | Cap Screw, 1/2 x 1-7/8" N.F., Hex Head | 6 | |
| | | Lockwasher, 1/2" | 6 | |
| | | | | |

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**Note No. 2—Order attachments (not marked Machine Attachments) through regular service parts channel.**

# ATTACHMENTS

## MANUAL STEERING CLUTCH CONTROLS ATTACHMENT

| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D |
|---|---|---|---|---|
| 57776 D | | Manual Steering Clutch Controls Attachment (See Note No. 2) | | |
| 8679 DA | | Steering Clutch Release Lever | | 2 |
| | | Cap Screw, 3/8 x 2-1/2" Hex Head | | 2 |
| | | Hex Nut, 3/8" N.F. | | 2 |
| | | Lockwasher, 3/8" | | 2 |
| 8680 DX | | Steering Clutch Release Fork Upper Bearing Retainer | | 2 |
| 8682 DX | | Steering Clutch Release Fork Upper Bearing Cage | | 2 |
| 8683 DAX | | Steering Clutch Hand Lever (LH) | | 1 |
| 8684 DAX | | Steering Clutch Hand Lever (RH) | | 1 |
| 8686 DAX | | Gear Shifter Housing | | 1 |
| 8742 DX | | Drive Bevel Gear Bearing Cage Cap (LH) | | 1 |
| 8743 DX | | Drive Bevel Gear Bearing Cage Cap (RH) | | 1 |
| 13115 D | | Gear Shift Lever Swivel Shaft Plug | | 2 |
| 20308 D | | Steering Clutch Release Fork Upper Bearing (ST 205A Will Work) | | 2 |
| 21969 D | | Steering Clutch Release Fork Upper Bearing Oil Seal | | 2 |
| 29899 D | | Steering Clutch Release Fork Lower Bearing Grease Tube | | |
| | | Connecting Nut | | 2 |
| 35252 D | | Steering Clutch Release Fork Lower Bearing Grease Tube Connection | | 2 |
| 40880 D | | Steering Clutch Shaft Coupling Oil Seal | | 2 |
| 40929 D | | Drive Bevel Gear Bearing Cage Cap Gasket | | 2 |
| 41597 D | | Steering Clutch Hand Lever Handle | | 2 |
| 42175 D | | Steering Clutch Hand Lever Brushing | | 4 |
| 42511 D | | Gear Shifter Housing Gasket | | 1 |
| 42548 D | | Main Frame Cover Dowel Pin | | 1 |
| 42552 D | | Main Frame Cover Gasket | | 1 |
| 45794 D | | Steering Clutch Release Lever Retainer Washer | | 2 |
| | | Bolt, 1/2 x 1-1/4" N.F. Hex Head | | 2 |
| | | Lockwasher, 1/2" | | 2 |
| 53233 DA | | Steering Clutch Release Thrust Bearing | | 2 |
| 56005 D | | Steering Clutch Release Collar Shifter Link | | 4 |
| 56006 D | | Steering Clutch Release Collar Key Pin | | 2 |
| 56007 D | | Steering Clutch Release Collar Shifter Link Pin | | 4 |
| | | Cotter Pin, 1/8 x 1-1/4" | | 8 |
| 56009 D | | Steering Clutch Release Fork Upper Bearing Felt | | 2 |
| 56009 D | | Steering Clutch Release Fork Upper Bearing Gasket | | 2 |
| 56010 D | | Steering Clutch Release Lever Spacer | | 2 |

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## MANUAL STEERING CLUTCH CONTROLS ATTACHMENT—Continued

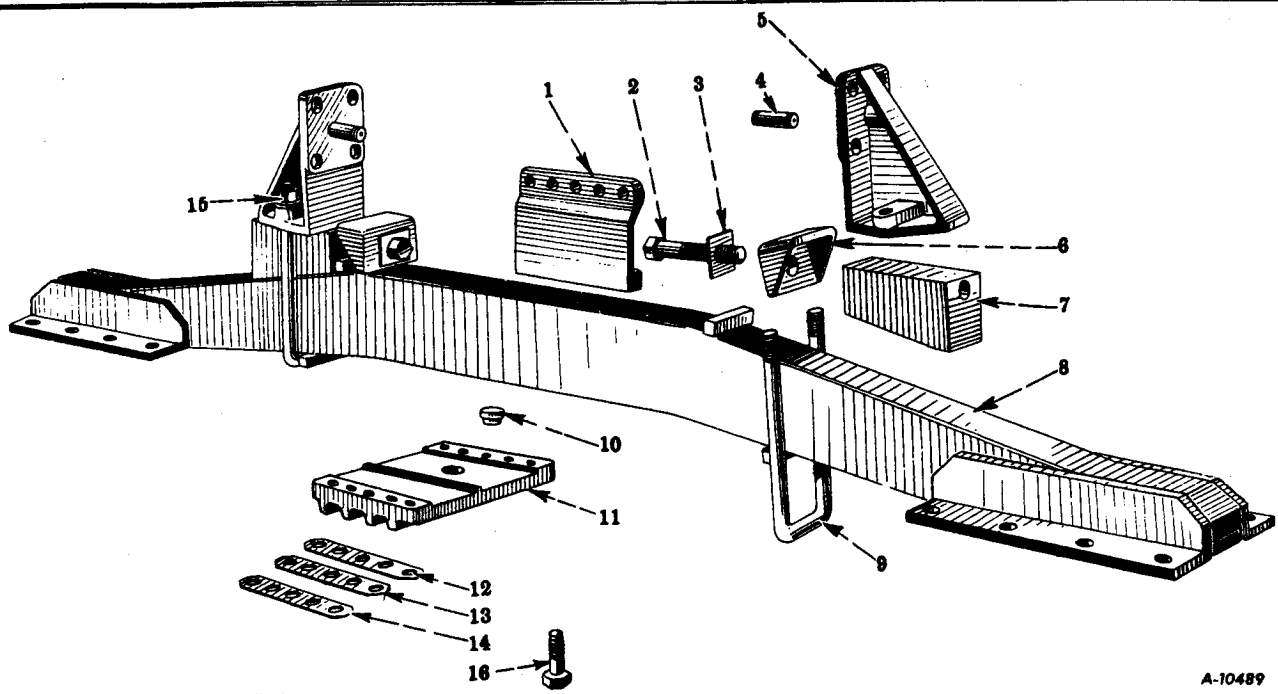
| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D |
|---|---|---|---|---|
| 56011 D | | Steering Clutch Inspection Cover | | 2 |
| | | Bolt, 5/16 x 1/2" N.F. Hex Head | | 8 |
| | | Lockwasher, 5/16" | | 8 |
| 56012 D | | Steering Clutch Lever Shaft | | 1 |
| | | Bolt, 5/16 x 2-1/4" N.C. Hex Head | | 1 |
| | | Lockwasher, 5/16" | | 1 |
| 56013 DX | | Steering Clutch Release Collar Key | | 2 |
| 56014 D | | Steering Clutch Inspection Cover Gasket | | 2 |
| 56017 D | | Steering Clutch Release Fork Upper Bearing Felt Retainer | | 2 |
| 56018 D | | Steering Clutch Release Collar | | 2 |
| 57099 D | | Steering Clutch Release Fork | | 2 |
| 57100 DXA | | Main Frame Cover | | 1 |
| 57101 DX | | Steering Clutch Release Fork Lower Grease Tube | | 2 |
| 57102 D | | Steering Clutch Release Fork Lower Bearing Cap | | 2 |
| | | Cap Screw, 5/16 x 1" N.C. Slotted, Flat Head | | 4 |
| | | Hex Nut, 5/16" N.C. | | 4 |
| | | Lockwasher, 5/16" | | 4 |
| 57103 DX | | Steering Clutch Release Bearing Grease Tube | | 2 |
| 57288 D | | Steering Clutch Release Lever Return Spring | | 2 |
| 58920 DAX | | Steering Clutch Compressor Angle Tool | | 2 |
| 63228 D | | Steering Clutch Operating Rod Yoke (LH Thread) | | 2 |
| 63229 D | | Steering Clutch Operating Rod Yoke (RH Thread) | | 2 |
| 63230 DX | | Steering Clutch Operating Rod | | 2 |
| 15041 H | | Steering Clutch Operating Rod Yoke Pin | | 4 |
| Q 3615 | | Steering Clutch Release Fork Upper Bearing Lubricator | | 2 |
| Q 3617 | | Steering Clutch Release Bearing Lubricator | | 2 |
| Q 3617 | | Steering Clutch Release Fork Lower Bearing Lubricator | | 2 |
| M 89541 | | Steering Clutch Release Fork Lower Bearing | | 2 |

# ATTACHMENTS

| PART NUMBER | REF NO | DESCRIPTION | SERIAL NUMBER | NO. REQ'D | |
|---|---|---|---|---|---|
| | | **BY-METALLIC STEERING CLUTCH FRICTION DISC ATTACHMENT** | | | |
| 61903 D | | By-Metallic Steering Clutch Friction Disc Attachment (See Note No. 2) | | X | |
| 40882 D | | Steering Clutch Driving Disc | | 4 | |
| 58957 D | | Steering Clutch Friction Disc | | 40 | |
| 59009 DB | | Steering Clutch | | 2 | |

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X - As Required



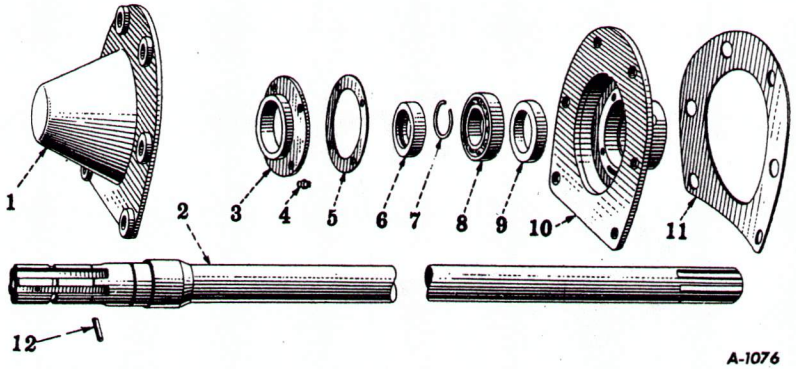

*Reference numbers only are shown in illustration. Use I H C part numbers in ordering.*
*Unnumbered parts in the illustrations are the same as corresponding parts shown with numbers.*

## RIGID TRACK FRAME (Wide Tread—Special)

| | | | | |
|---|---|---|---|---|
| 59566 D | | Rigid Track Frame Attachment (See Note No. 2) | 1 | |
| | | | | |
| 8981 D | 1 | Rigid Track Frame Crossbar Clamp Support | 1 | |
| | | Cap Screw, 7/8 X 2-1/2" N.C. Hex Head | 3 | |
| | | Lockwasher, 7/8" | 3 | |
| 59550 D | 2 | Rigid Track Frame Crossbar Wedge Bolt | 2 | |
| | | Washer, 1-1/2" O.D. X 1-3/32" I.D. X No. 9 Gauge | 2 | |
| 59551 D | 3 | Rigid Track Frame Crossbar Wedge Bolt Lock | 2 | |
| 59563 D | 4 | Rigid Track Frame Crossbar Bracket Dowel | 4 | |
| 8984 D | 5 | Rigid Track Frame Crossbar Bracket, L. H. | 1 | |
| 8985 D | 5 | Rigid Track Frame Crossbar Bracket, R. H. | 1 | |
| 8969 D | 6 | Rigid Track Frame Crossbar Wedge Clamp | 2 | |
| 59565 D | 7 | Rigid Track Frame Crossbar Wedge | 2 | |
| 59553 DX | 8 | Rigid Track Frame Crossbar, Complete | 1 | |
| 59564 D | 9 | Rigid Track Frame Crossbar Bracket "U" Bolt | 2 | |
| | | Lockwasher, 1" | 4 | |
| | | | | |
| | | | | |
| 59556 D | 10 | Rigid Track Frame Crossbar Dowel | 1 | |
| 8980 D | 11 | Rigid Track Frame Crossbar Clamp | 1 | |
| | | Cap Screw, 7/8 X 2-1/2" N.C. Hex Head | 6 | |
| | | Lockwasher, 7/8" | 6 | |
| 59560 D | 12 | Rigid Track Frame Crossbar Clamp, Shim, Medium | 4 | |
| 59559 D | 13 | Rigid Track Frame Crossbar Clamp Shim, Heavy | 2 | |
| 59558 D | 14 | Rigid Track Frame Crossbar Clamp Shim, Extra Heavy | 2 | |
| 41442 D | 15 | Rigid Track Frame Crossbar Bracket "U" Bolt Nut | 4 | |
| 59557 D | 16 | Rigid Track Frame Crossbar Clamp Dowel Bolt | 4 | |
| 59557 D | 16 | Rigid Track Frame Crossbar Clamp Support Dowel Bolt | 2 | |
| | | Lockwasher, 7/8" | 6 | |
| | | | | |
| | | | | |

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# ATTACHMENTS

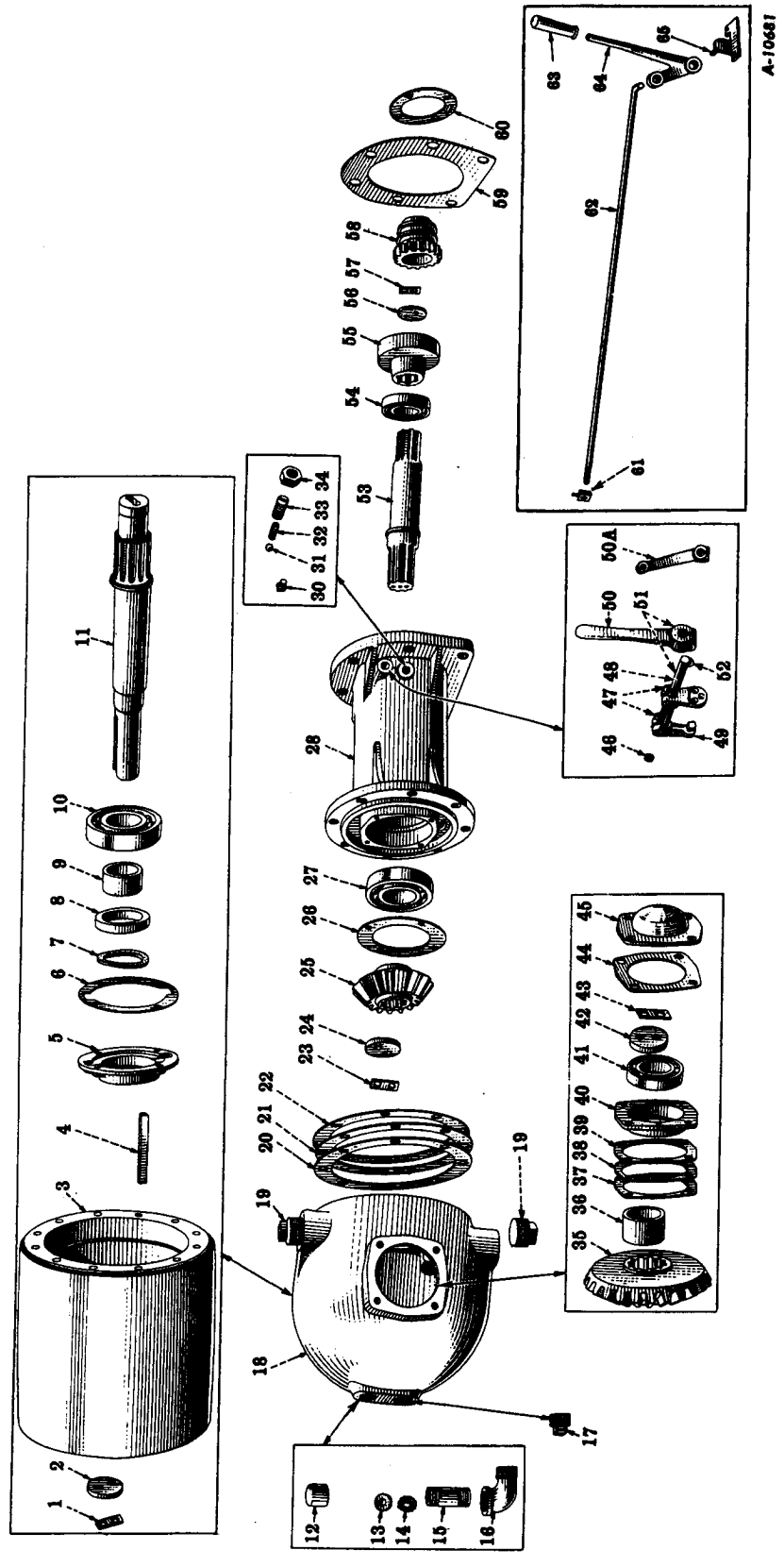



*Reference numbers only are shown in illustration. Use I H C part numbers in ordering.*

## POWER TAKE-OFF—REAR (Special)

| | | | |
|---|---|---|---|
| 45539 DA | | Power Take-off Attachment (1200 R.P.M.) | |
| | | (Machine Attachment) (See Note No. 1) | 1 |
| 6277 D | 1 | Power Take-off Shaft End Cover (Not Belt Pulley) | 1 |
| | | Cap Screw, 3/4 X 2" N.C. Hex Head | 6 |
| | | Lockwasher, 3/4" | 6 |
| 45556 DA | 2 | Power Take-off Shaft (1-5/8" O.D. Spline) TDR 501 to 837 | 1 |
| 50613 DAX | 2 | Power Take-off Shaft (1-3/4" O.D. Spline) with Pin, | |
| | | 50907 D TDR 838 up | 1 |
| 6276 DX | 3 | Power Take-off Shaft Bearing Oil Seal Cage with Oil | |
| | | Seal, 45619 D (Not Belt Pulley) | 1 |
| | | Cap Screw, 3/8 X 7/8" N.C. Hex Head | 4 |
| | | Lockwasher, 3/8" | 4 |
| Q 3615 | 4 | Power Take-off Shaft Bearing Grease Fitting | |
| | | (Not Belt Pulley) | 1 |
| 45620 D | 5 | Power Take-off Shaft Bearing Oil Seal Cage Gasket | |
| | | (Not Belt Pulley) | 1 |
| 45619 D | 6 | Power Take-off Shaft Bearing Oil Seal, Outer | |
| | | (Not Belt Pulley) | 1 |
| 45537 D | 7 | Power Take-off Shaft Bearing Retainer Snap Ring | 1 |
| 18507 D | 8 | Power Take-off Shaft Bearing (New Departure, 3209) | |
| | | (ST 202 Will Work) | 1 |
| ST 202 | 8 | Power Take-off Shaft Bearing (IHC) (Will Work for 18507 D) | 1 |
| 45561 D | 9 | Power Take-off Shaft Oil Seal, Inner | 1 |
| 6268 DX | 10 | Power Take-off Shaft Bearing Cage with Oil Seal, 45561 D | 1 |
| 42289 D | 11 | Power Take-off Shaft Bearing Cage Gasket | 1 |
| 50907 D | 12 | Belt Pulley Shifter Coupling Groove Pin, | |
| | | 3/16 X 1-5/8" TDR 501 to 3320 | 1 |

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**BELT PULLEY** (Special)

*Reference numbers only are shown in illustration. Use I H C part numbers in ordering. Unnumbered parts in the illustrations are the same as corresponding parts shown with numbers.*

# ATTACHMENTS

## BELT PULLEY (Special)

| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D |
|---|---|---|---|---|
| 45564 DA | | Belt Pulley and Power Take-off Attachment (Includes Power Take-off | | |
| | | Attachment 45539 DA) (Machine Attachment) (Tractors not Equipped | | |
| | | with Power Take-off) (See Note No. 1) | | 1 |
| 45365 DA | | Belt Pulley Attachment (Less Power Take-off Attachment 45539 DA) | | |
| | | (Machine Attachment) (Tractors Equipped with | | |
| | | Power Take-off) (See Note No. 1) | | 1 |
| 35089 DA | 1 | Belt Pulley Pinion Retainer Washer Bolt Lock | | 1 |
| 45559 D | 2 | Belt Pulley Retainer Washer | | 1 |
| | | Cap Screw, 1/2 X 1-1/8" N.F. Hex Head | | 6 |
| 45563 D | 3 | Belt Pulley, 13-1/4" Diameter X 12" Face | | 1 |
| 45549 D | 4 | Belt Pulley Key (Same As Q 17) | | 1 |
| Q 17 | 4 | Belt Pulley Key (Will Work for 45549 D) | | 1 |
| 6266 DX | 5 | Belt Pulley Oil Seal Cage with Oil Seal, 45562 D and | | |
| | | Felt Washer, 45548 D | | 1 |
| | | Cap Screw, 3/8 X 1-1/4" N.C. Hex Head | | 4 |
| | | Lockwasher, 3/8" | | 4 |
| 45531 D | 6 | Belt Pulley Oil Seal Cage Gasket | | 1 |
| 45548 D | 7 | Belt Pulley Oil Seal Felt Washer | | 1 |
| 45562 D | 8 | Belt Pulley Oil Seal | | 1 |
| 45536 D | 9 | Belt Pulley Bearing Spacer | | 1 |
| ST 221 | 10 | Belt Pulley Bearing (Will Work for 12797 H) | | 1 |
| 12797 H | 10 | Belt Pulley Bearing (ST 221 Will Work) | | 1 |
| 45553 D | 11 | Belt Pulley Shaft | | 1 |
| | 12 | Follows Reference No. 19 | | |
| 27046 D | 13 | Belt Pulley Breather Belt | | 1 |
| 27048 D | 14 | Belt Pulley Breather Screen | | 1 |
| 27044 D | 15 | Belt Pulley Breather Pipe | | 1 |
| 6270 DX | 18 | Belt Pulley Gear Box with Pipe Plugs | | 1 |
| | 17 | Standard Pipe Plug, 1" | | 1 |
| | 19 | Standard Pipe Plug, 1-1/2" | | 2 |
| | 12 | Standard Pipe Cap, 1" | | 1 |
| | 16 | Standard Street Ell, 1" | | 1 |
| 45544 D | 20 | Belt Pulley Carrier Shim, Heavy | | 1 |
| 45545 D | 21 | Belt Pulley Carrier Shim, Medium | | 1 |
| 45546 D | 22 | Belt Pulley Carrier Shim, Light | | X |
| 35089 DA | 23 | Belt Pulley Retainer Washer Bolt Lock | | 1 |
| 45559 D | 24 | Belt Pulley Pinion Retainer Washer | | 1 |
| 45550 D | 25 | Belt Pulley Pinion, 15 Teeth (Order 258575 R91) | | 11 |
| 45535 D | 26 | Belt Pulley Pinion Shaft Rear Bearing Retainer | | 1 |
| | | Cap Screw, 3/8 X 3/4" N.C. Hex Head | | 4 |
| | | Lockwasher, 3/8" | | 4 |
| 12797 H | 27 | Belt Pulley Pinion Shaft Bearing, Rear (ND 1311) | | |
| | | (ST 221 Will Work) | TDR 501 to 13545 | 1 |

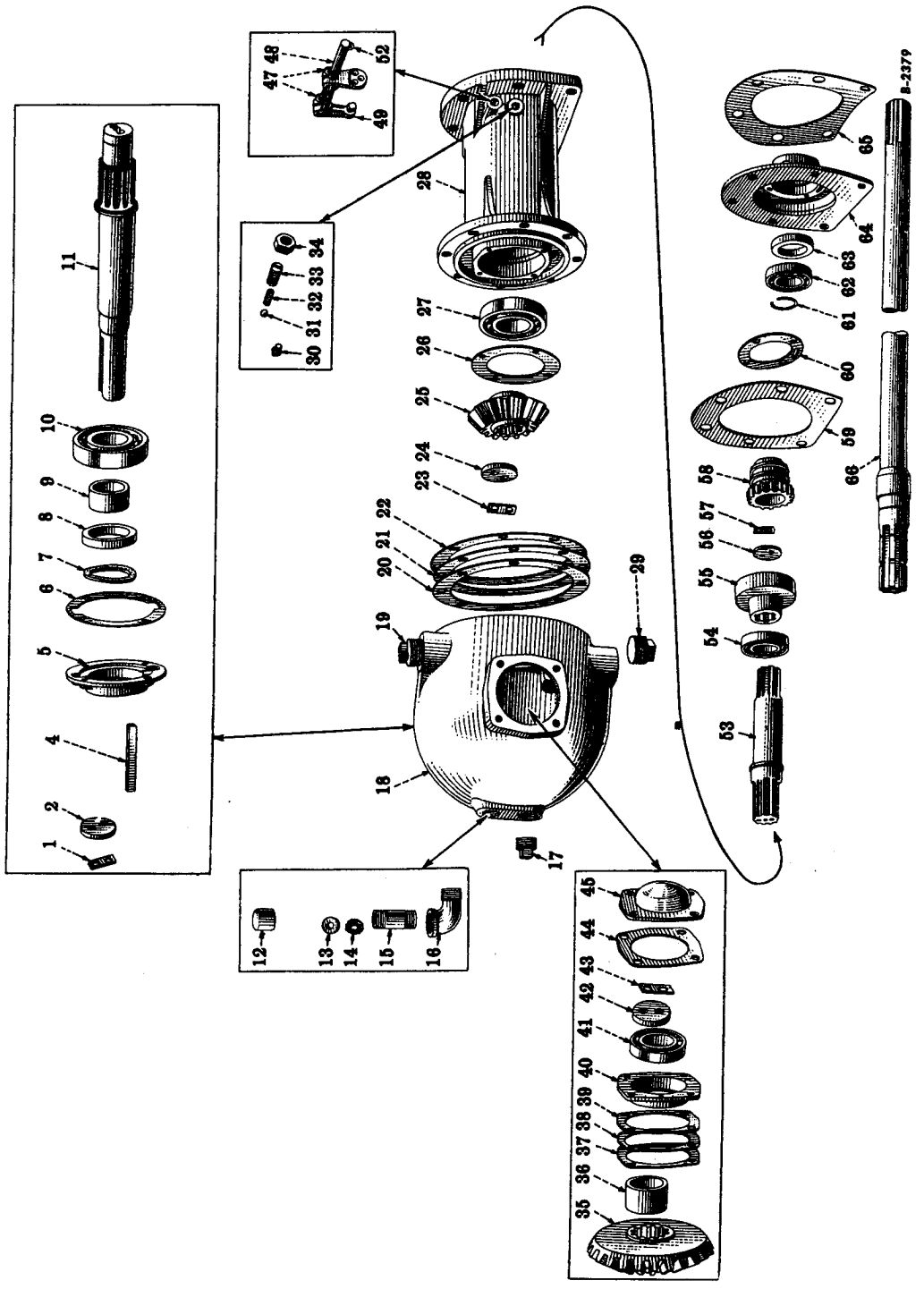
X - As Required

**Note No. 1—Order Machine Attachments through same channels as complete machine is ordered.**
**Note No. 2—Order attachments (not marked Machine Attachments) through regular service parts channel.**

| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D |
|---|---|---|---|---|
| | | **BELT PULLEY (Special)—Continued** | | |
| ST 221 | 27 | BELT PULLEY PINION SHAFT BEARING, REAR (IHC) | | |
| | | (WILL WORK FOR 12797 H) | TDR 501 TO 11843 | 1 |
| 77492 H | 27 | BELT PULLEY PINION SHAFT BEARING, REAR (N.D. 3311) (ST 297 | | |
| | | WILL WORK) | TDR 13546 UP | 1 |
| ST 297 | 27 | BELT PULLEY PINION SHAFT BEARING, REAR (IH) (WILL WORK | | |
| | | FOR 77492 H) | TDR 11854 UP | 1 |
| | | | | |
| 6269 DC | 28 | BELT PULLEY CARRIER | TDR 1577 UP | 1 |
| | | CAP SCREW, 5/8 X 2" N.C. HEX HEAD | | 8 |
| | | CAP SCREW, 3/4 X 1-3/4" N.C. HEX HEAD | | 1 |
| | | CAP SCREW, 3/4 X 2-1/2" N.C. HEX HEAD | | 6 |
| | | HEX NUT, 3/4" N.C. | | 1 |
| | | LOCKWASHER, 5/8" | | 8 |
| | | LOCKWASHER, 3/4" | | 6 |
| | | STANDARD PIPE PLUG, 3/8" | | |
| | | STANDARD PIPE PLUG, 3/4" | | |
| 6269 DCY | 28 | BELT PULLEY CARRIER, COMPLETE | TDR 501 TO 1576 | 1 |
| 6269 DCZ | 28 | BELT PULLEY CARRIER, COMPLETE, 6269 DCY WITH ONE | | |
| | | CAP SCREW, 3/4 X 1-1/2" N.C. HEX HEAD AND NUT | | |
| | | (WILL WORK FOR 6269 DA) | TDR 985 TO 1576 | 1 |
| 45533 D | 30 | BELT PULLEY SHIFTER PIN | TDR 501 TO 1317 | 2 |
| 49541 DA | 30 | BELT PULLEY SHIFTER PIN | TDR 1318 TO 3532 | 2 |
| 4596 D | 31 | BELT PULLEY SHIFTER POPPET (1/2" STEEL BALL) | TDR 501 TO 13000 | 1 |
| D-2616 | 31 | BELT PULLEY SHIFTER POPPET (1/2" STEEL BALL) (WILL WORK | | |
| | | FOR 13722 D) | TDR 13000 UP | 1 |
| 13722 D | 31 | BELT PULLEY SHIFTER POPPET (1/2" STEEL BALL) | | |
| | | (WILL WORK FOR D 2616) | | 1 |
| 23921 D | 32 | BELT PULLEY SHIFTER POPPET SPRING (ORDER 47823 D) | TDR 501 TO 554 | 1 |
| 47823 D | 32 | BELT PULLEY SHIFTER POPPET SPRING (WILL WORK FOR | | |
| | | 23921 D) (ORDER 64163 D) | TDR 555 UP | 1 |
| 64163 D | 32 | BELT PULLEY SHIFTER POPPET SPRING (WILL WORK FOR 47823 D) | TDR 555 UP | 1 |
| 49105 D | 33 | BELT PULLEY SHIFTER POPPET BUSHING | TDR 985 UP | 1 |
| | 34 | HEX JAM NUT, 3/4" N.C. | | 1 |
| 45551 D | 35 | BELT PULLEY GEAR, 24 TEETH (ORDER 258575 R91) | | 1 |
| 45534 D | 36 | BELT PULLEY GEAR SPACER | | 1 |
| 45541 D | 37 | BELT PULLEY GEAR SHIM, HEAVY | | 1 |
| 45542 D | 38 | BELT PULLEY GEAR SHIM, MEDIUM | | 1 |
| 45543 D | 39 | BELT PULLEY GEAR SHIM, LIGHT | | 1 |
| 6264 D | 40 | BELT PULLEY GEAR BEARING CAGE | | 1 |
| ST 278 | 41 | BELT PULLEY GEAR BEARING (IHC) (WILL WORK FOR 10690 V) | | 1 |
| 10690 V | 41 | BELT PULLEY GEAR BEARING (ND 1210) (ST 278 WILL WORK) | | 1 |
| 45559 D | 42 | BELT PULLEY GEAR BEARING RETAINER WASHER | | 1 |
| 35089 DA | 43 | BELT PULLEY GEAR BEARING WASHER BOLT LOCK | | 1 |
| 45547 D | 44 | BELT PULLEY GEAR BEARING CAP GASKET | | 1 |
| 6263 D | 45 | BELT PULLEY GEAR BEARING CAP | | 1 |
| | | CAP SCREW, 1/2 X 1-1/2" N.C. HEX HEAD | | 4 |
| | | LOCKWASHER, 1/2" | | 4 |
| | | | | |
| 45557 D | 46 | BELT PULLEY SHIFTER SHAFT PLUG | TDR 501 TO 1576 | 1 |
| 45532 DA | 47 | BELT PULLEY SHIFTER FORK KEY .075" O.D. X 25/64" I.D. X .125" | | 2 |
| 45540 D | 48 | BELT PULLEY SHIFTER SHAFT (ORDER 49114 D) | TDR 501 TO 984 | 1 |
| 45540 DA | 48 | BELT PULLEY SHIFTER SHAFT | TDR 985 TO 3532 | 1 |
| 61614 D | 48 | BELT PULLEY SHIFTER SHAFT | TDR 3533 UP | 1 |
| | | | | |
| 6267 D | 49 | BELT PULLEY SHIFTER FORK | TDR 501 TO 837 | 1 |
| | | CAP SCREW, 3/8 X 1-1/4" N.C. HEX HEAD | | 2 |
| | | LOCKWASHER, 3/8" | | 2 |

# ATTACHMENTS

| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D |
|---|---|---|---|---|
| | | **BELT PULLEY (Special) —Continued** | | |
| 8046 DA | 49 | BELT PULLEY SHIFTER FORK | | 1 |
| | | CAP SCREW, 3/8 X 1-1/4" N.C. HEX HEAD | | 2 |
| | | LOCKWASHER, 3/8" | | 2 |
| 6265 D | 50 | BELT PULLEY SHIFTER LEVER (ORDER 49114 D) | TDR 501 TO 984 | 1 |
| 6265 DA | 50 | BELT PULLEY SHIFTER LEVER | TDR 985 TO 3532 | 1 |
| | | CAP SCREW, 3/8 X 1-1/2" N.C. HEX HEAD | | 1 |
| | | LOCKWASHER, 3/8" | | 1 |
| 8738 D | 50A | BELT PULLEY SHIFTER LEVER | TDR 3533 UP | 1 |
| | | CAP SCREW, 3/8 X 1-1/2" N.C. HEX HEAD | | 1 |
| | | LOCKWASHER, 3/8" | | 1 |
| 49114 D | 51 | BELT PULLEY SHIFTER LEVER, 6265 DA WITH SHAFT, | | |
| | | 45540 DA, KEY, 45532 DA AND 3/8 X 1-1/2" CAP SCREW, | | |
| | | N.C. WITH LOCKWASHER (WILL WORK FOR 6265 D OR 45540 D) | TDR 501 TO 984 | 1 |
| 45532 DA | 52 | BELT PULLEY SHIFTER LEVER KEY | TDR 1659 UP | 1 |
| 7699 TM | 52 | BELT PULLEY SHIFTER LEVER KEY (WOODRUFF NO. 5) | TDR 501 TO 1658 | 1 |
| | | | | |
| 45555 D | 53 | BELT PULLEY PINION SHAFT | | 1 |
| 18507 D | 54 | BELT PULLEY PINION SHAFT BEARING, FRONT (ND 3209) | | |
| | | (ST 202 WILL WORK) | | 1 |
| ST 202 | 54 | BELT PULLEY PINION SHAFT BEARING, FRONT (IHC) | | |
| | | (WILL WORK FOR 18507 D) | | 1 |
| | | | | |
| 45552 D | 55 | BELT PULLEY COUPLING, 16 TEETH | | 1 |
| 45560 D | 56 | BELT PULLEY COUPLING RETAINER WASHER | | 1 |
| | | CAP SCREW, 3/8 X 7/8" N.F. HEX HEAD | | 2 |
| 45558 DA | 57 | BELT PULLEY COUPLING RETAINER WASHER BOLT LOCK | | 1 |
| 45554 D | 58 | BELT PULLEY SHIFTER COUPLING, 16 TEETH | TDR 501 TO 837 | 1 |
| 50614 D | 58 | BELT PULLEY SHIFTER COUPLING, 16 TEETH | TDR 838 UP | 1 |
| 42289 D | 59 | BELT PULLEY CARRIER GASKET | | 1 |
| | | | | |
| 45538 DX | 60 | POWER SHAFT BEARING RETAINER WITH STOP PIN | | 1 |
| | | CAP SCREW, 3/8 X 3/4" N.C. HEX HEAD | | 4 |
| | | LOCKWASHER, 3/8" | | 4 |
| 61615 D | 61 | BELT PULLEY SHIFTER LEVER ROD ADJUSTING BLOCK | TDR 3533 UP | 1 |
| | | COTTER PIN, 1/8 x 3/4" | | 1 |
| 61753 D | 62 | BELT PULLEY SHIFTER LEVER ROD | TDR 3533 UP | 1 |
| | | HEX NUT, 1/2" N.F. | | 2 |
| | | COTTER PIN, 1/8 x 3/4" | | 2 |
| 41597 D | 63 | BELT PULLEY SHIFTER HAND LEVER HANDLE | | |
| | | (ONE REQUIRED WHEN USED WITH 8741 DX) | TDR 3533 UP | 1 |
| 8741 DX | 64 | BELT PULLEY SHIFTER HAND LEVER, WITH HANDLE 41597 D | | |
| | | (9636 D WILL WORK) | TDR 3533 UP | 1 |
| 9636 D | 64 | BELT PULLEY SHIFTER HAND LEVER (ONE PIECE) | | |
| | | (8471 DX WILL WORK) | TDR 3533 UP | 1 |
| 58269 DX | 65 | BELT PULLEY SHIFTER HAND LEVER BRACKET WITH PIN | TDR 3533 UP | 1 |
| | | CAP SCREW, 1/2 x 1-1/2" N.C. HEX HEAD | | 2 |
| | | LOCKWASHER, 1/2" | | 2 |
| | | COTTER PIN, 3/16 x 1-1/4" | | 1 |
| | | | | |
| 258575 R91 | | BELT PULLEY DRIVE PINION AND GEAR SERVICE PACKAGE | | |
| | | (WILL WORK FOR 45550 D AND 45551 D) | | 1 |
| 62316 D | | BELT PULLEY (10-1/2" DIA. x 12-1/2" FACE) | | 1 |
| 62317 D | | BELT PULLEY (11-3/4" DIA. x 12-1/2" FACE) | | 1 |
| 62318 D | | BELT PULLEY (14-3/4" DIA. x 12-1/2" FACE) | | 1 |
| 62319 D | | BELT PULLEY (16" DIA. x 12-1/2" FACE) | | 1 |
| 62320 D | | BELT PULLEY (17-1/2" DIA. x 12-1/2" FACE) | | 1 |
| 62321 D | | BELT PULLEY (17-1/2" DIA. x 12-1/2" FACE) | | 1 |




**CRANE DRIVE UNIT**
**(Ⓐ Crane Modification, Hughes-Keenan 24)**

*Reference numbers only are shown in illustration. Use I H C part numbers in ordering. Unnumbered parts in the illustrations are the same as corresponding parts shown with numbers.*

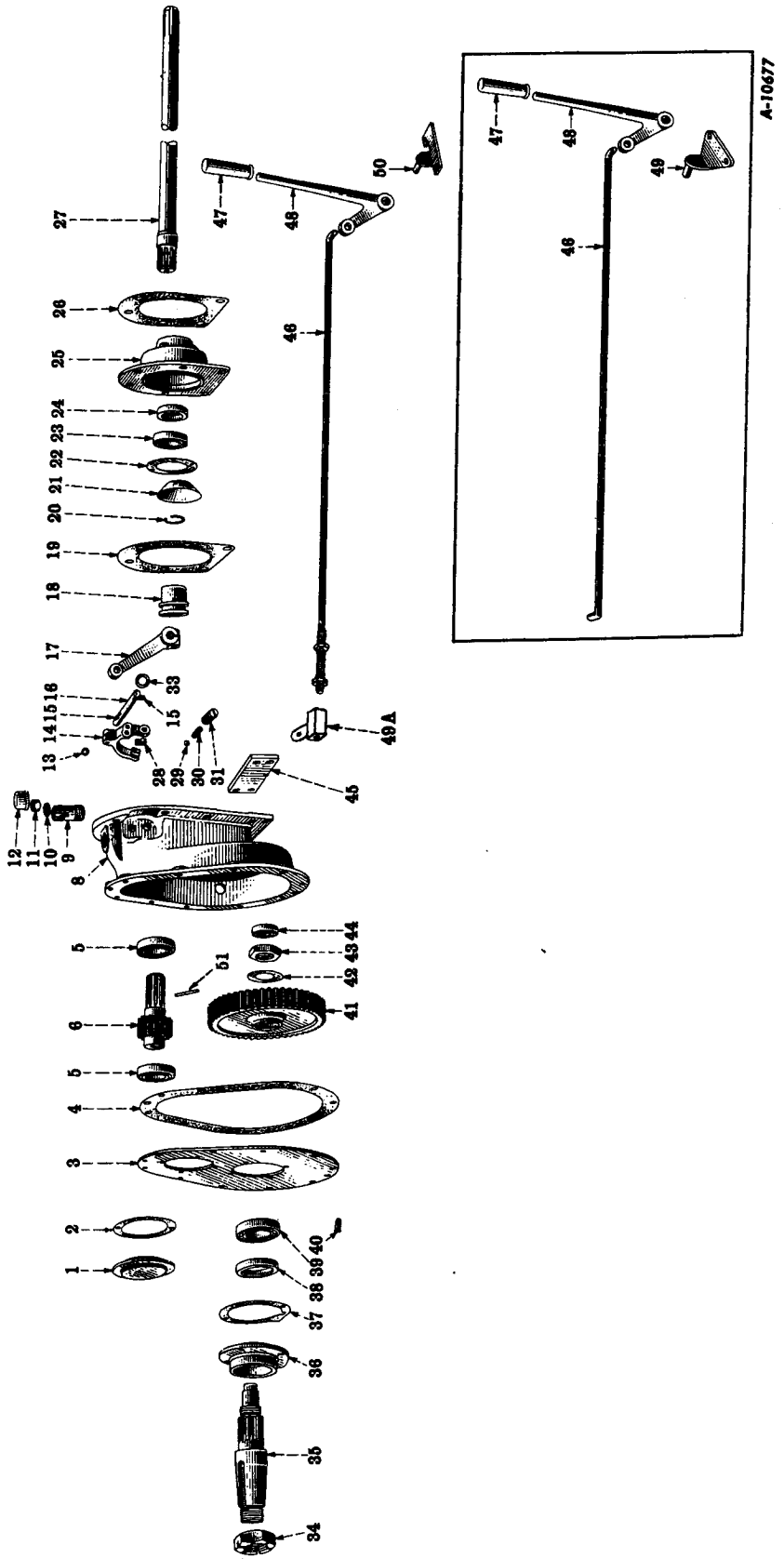
# ATTACHMENTS

## CRANE DRIVE UNIT

(⊛Crane Modification, Hughes-Keenan 24)

| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D |
|---|---|---|---|---|
| 35089 DA | 1 | Belt Pulley Retainer Washer Bolt Lock | | 2 |
| 45559 D | 2 | Belt Pulley Retainer Washer | | 2 |
| | | Cap Screw, 1/2 x 1-1/8" | | 2 |
| | | | | |
| Q 17 | 4 | Belt Pulley Key | | 1 |
| | | | | |
| 6266 DX | 5 | Belt Pulley Oil Seal Cage | | 1 |
| | | Cap Screw, 3/8 x 1-1/4" | | 4 |
| | | Lockwasher, 3/8" | | 4 |
| 45531 D | 6 | Belt Pulley Oil Seal Gasket | | |
| 45548 D | 7 | Belt Pulley Oil Seal Felt Washer | | 1 |
| 45562 D | 8 | Belt Pulley Oil Seal | | 1 |
| | | | | |
| 45536 D | 9 | Belt Pulley Bearing Spacer | | 1 |
| 12797 H | 10 | Belt Pulley Bearing (New Departure No. 1311) (Optional) | | 1 |
| ST 221 | 10 | Belt Pulley Bearing (IHC) (Optional) | | 1 |
| | | | | |
| 45553 D | 11 | Belt Pulley Shaft | | |
| | 12 | 1" Pipe Cap | | 1 |
| | | | | |
| 27046 D | 13 | Belt Pulley Breather Felt | | 1 |
| 27048 D | 14 | Belt Pulley Breather Screen | | 1 |
| 27044 D | 15 | Belt Pulley Breather Pipe | | 1 |
| | 16 | 1" Street Ell | | 1 |
| | 17 | 1" Pipe Plug | | 1 |
| 6270 DX | 18 | Belt Pulley Gear Box with Plugs | | 1 |
| | 19 | 1-1/2" Pipe Plug | | 2 |
| | | | | |
| 45544 D | 20 | Belt Pulley Shim, Heavy | | 2 |
| 45545 D | 21 | Belt Pulley Shim, Medium | | 2 |
| 45546 D | 22 | Belt Pulley Shim, Light | | 2 |
| | | | | |
| 35089 DA | 23 | Power Take-off Sprocket Retaining Washer Bolt Lock | | 1 |
| 45559 D | 24 | Power Take-off Sprocket Retaining Washer | | 1 |
| | | Cap Screw, 1/2" N.F. x 1-1/8" | | 2 |
| | | | | |
| 45550 D | 25 | Belt Pulley Pinion (15 Teeth) | | 1 |
| 45535 D | 26 | Belt Pulley Pinion Shaft Bearing Retainer | | 1 |
| | | Cap Screw, 3/8 x 3/4" N.C. | | 4 |
| | | Lockwasher, 3/8" | | 4 |
| | | | | |
| 12797 H | 27 | Power Take-off Bearing (New Departure No. 1311) (Optional) | | 1 |
| ST 221 | 27 | Power Take-off Bearing (IHC) (Optional) | | 1 |
| | | | | |
| 6269 DB | 28 | Power Take-off Housing | | 1 |
| | | Cap Screw, 3/4 x 2-1/2" N.C. | | 6 |
| | | Cap Screw, 5/8 x 2" N.C. | | 8 |
| | | Cap Screw, 3/4 x 1-3/4" N.C. | | 1 |
| | | Hex Nut, 3/4" N.C. | | 1 |
| | | Lockwasher, 3/4" | | 6 |
| | | Lockwasher, 5/8" | | 8 |
| | 29 | 1-1/2" Pipe Plug | | 2 |
| | | | | |
| | | ⊛ - For Tabulation of Modification See Introduction Page | | |

| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D | |
|---|---|---|---|---|---|
| | | **CRANE DRIVE UNIT—Continued** | | | |
| | | **(⊛Crane Modification, Hughes-Keenan 24)** | | | |
| 45533 D | 30 | PIN | | 1 | |
| | | | | | |
| 4596 D | 31 | POWER TAKE-OFF SHIFTER POPPET (13722 D WILL WORK) | | 1 | |
| 13722 D | 31 | POWER TAKE-OFF SHIFTER POPPET (POPPET 4596 D WILL WORK) | | 1 | |
| 64163 D | 32 | POWER TAKE-OFF SHIFTER POPPET SPRING | | 1 | |
| 49105 D | 33 | POWER TAKE-OFF SHIFTER POPPET BUSHING | | 1 | |
| | 34 | HEX JAM NUT, 3/4" N.C. | | 1 | |
| | | | | | |
| 45551 D | 35 | BELT PULLEY GEAR (24 TEETH) | | 1 | |
| 45534 D | 36 | BELT PULLEY GEAR SPACER | | 1 | |
| 45541 D | 37 | BELT PULLEY GEAR SHIM, HEAVY | | 2 | |
| 45542 D | 38 | BELT PULLEY GEAR SHIM, MEDIUM | | 2 | |
| 45543 D | 39 | BELT PULLEY GEAR SHIM, LIGHT | | 2 | |
| 6264 D | 40 | BELT PULLEY GEAR BEARING CAGE | | 1 | |
| 10690 V | 41 | BELT PULLEY GEAR BEARING (ST 278 WILL WORK) | | 1 | |
| ST 278 | 41 | BELT PULLEY GEAR BEARING (IHC) (10690 V WILL WORK) | | 1 | |
| 45559 D | 42 | BELT PULLEY WASHER | | 2 | |
| | | CAP SCREW, 1/2 x 1-1/8" N.F. | | 2 | |
| 35089 D | 43 | BELT PULLEY LOCK | | 1 | |
| 45547 D | 44 | BELT PULLEY GEAR BEARING CAP GASKET | | 1 | |
| 6263 D | 45 | BELT PULLEY GEAR BEARING CAP | | 1 | |
| | | CAP SCREW, 1/2 x 1-1/2" N.C. | | 4 | |
| | | LOCKWASHER, 1/2" | | 4 | |
| | | | | | |
| | | | | | |
| 45532 D | 47 | POWER TAKE-OFF SHIFTER FORK KEY | | 1 | |
| 45540 DA | 48 | POWER TAKE-OFF SHIFTER SHAFT | | 1 | |
| 8046 DA | 49 | POWER TAKE-OFF SHIFTER FORK | | 1 | |
| | | CAP SCREW, 3/8 x 1-1/4" N.C. | | 2 | |
| | | LOCKWASHER, 3/8" | | 2 | |
| 45532 DA | 52 | POWER TAKE-OFF KEY | | 1 | |
| 45555 D | 53 | POWER TAKE-OFF SHAFT | | 1 | |
| 18507 D | 54 | POWER TAKE-OFF SHAFT BEARING, FRONT (NEW DEPARTURE NO. 3709) (OPTIONAL) | | 1 | |
| OR | | | | | |
| ST 202 | 54 | POWER SHAFT BEARING, FRONT (IHC) (OPTIONAL) | | 1 | |
| 45552 D | 55 | POWER TAKE-OFF SHAFT COUPLING (16 TEETH) | | 1 | |
| 45560 D | 56 | POWER TAKE-OFF WASHER | | 1 | |
| | | CAP SCREW, 3/8 x 7/8" N.F. | | 2 | |
| | | | | | |
| 45558 DA | 57 | POWER TAKE-OFF COUPLING RETAINER WASHER BOLT LOCK | | 1 | |
| 50614 D | 58 | POWER TAKE-OFF SHIFTER COUPLING (16 TEETH) | | 1 | |
| 42289 D | 59 | POWER TAKE-OFF GASKET | | 1 | |
| | | | | | |
| 45538 DX | 60 | POWER SHAFT BEARING RETAINER | | 1 | |
| | | CAP SCREW, 3/8 x 3/4" N.C. | | 4 | |
| | | LOCKWASHER, 3/8" | | 4 | |
| 45537 D | 61 | POWER SHAFT BEARING SNAP RING | | 1 | |
| 18507 D | 62 | POWER TAKE-OFF BEARING (NEW DEPARTURE NO. 3209) (OPTIONAL) | | 1 | |
| ST 202 | 62 | POWER TAKE-OFF BEARING (IHC) (OPTIONAL) | | 1 | |
| | | | | | |
| 45561 D | 63 | POWER SHAFT OIL SEAL, INNER | | 1 | |
| 6268 DX | 64 | POWER SHAFT CAGE WITH SEAL | | 1 | |
| 42489 D | 65 | POWER SHAFT BEARING GASKET | | 1 | |
| 50613 DAX | 66 | POWER SHAFT (REAR SPLINE O.D. 1-3/4") | | 1 | |
| 49541 DA | | POWER TAKE-OFF SHIFTER PIN | | 2 | |
| | | | | | |
| | | ⊛ - FOR TABULATION OF MODIFICATION SEE INTRODUCTION PAGE | | | |




**REDUCED SPEED POWER TAKE-OFF—REAR (Special)**

*Reference numbers only are shown in illustration. Use I H C part numbers in ordering. Unnumbered parts in the illustrations are the same as corresponding parts shown with numbers.*

# ATTACHMENTS

| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D |
|---|---|---|---|---|
| | | **REDUCED SPEED POWER TAKE-OFF—REAR (Special)** | | |
| 57092 D | | Power Take-off Attachment (300 R.P.M.) | | |
| | | (Machine Attachment) (See Note No. 1) | TDR 501 to 1443 Ⓐ | 1 |
| 57093 D | | Power Take-off Attachment (614 R.P.M.) | | |
| | | (Machine Attachment) (See Note No. 1) | TDR 501 to 1443 Ⓐ | 1 |
| 57094 D | | Power Take-off Attachment (800 R.P.M.) | | |
| | | (Machine Attachment) (See Note No. 1) | TDR 501 to 1443 Ⓐ | 1 |
| 58265 D | | Power Take-off Attachment (300 R.P.M.) | | |
| | | (Machine Attachment) (See Note No. 1) | TDR 1442 up Ⓑ | 1 |
| 58266 D | | Power Take-off Attachment (614 R.P.M.) | | |
| | | (Machine Attachment) (See Note No. 1) | TDR 1442 up Ⓑ | 1 |
| 58267 D | | Power Take-off Attachment (800 R.P.M.) | | |
| | | (Machine Attachment) (See Note No. 1) | TDR 1442 up Ⓑ | 1 |
| 8740 D | 1 | Power Take-off Pinion Bearing Cage | | 1 |
| | | Cap Screw, 3/8 X 3/4" N.F. Hex Head | | 4 |
| | | Lockwasher, 3/8" | | 4 |
| 57088 D | 2 | Power Take-off Pinion Bearing Cage Gasket | | 1 |
| 57084 D | 3 | Power Take-off Housing Cover | | 1 |
| | | Cap Screw, 1/2 X 1-1/2" N.F. Hex Head | | 10 |
| | | Hex Nut, 1/2" N.F. | | 10 |
| | | Lockwasher, 1/2" | | 10 |
| 57083 D | 4 | Power Take-off Housing Cover Gasket | | 1 |
| ST 278 | 5 | Power Take-off Pinion Bearing (IHC) (Will Work for 10690 V) | | 2 |
| 10690 V | 5 | Power Take-off Pinion Bearing (New Departure 1210) | | |
| | | (ST 278 Will Work) | | 2 |
| 57071 DX | 6 | Power Take-off Pinion with Pin, 57074 D (300 R.P.M.) | | 1 |
| 57072 DX | 6 | Power Take-off Pinion with Pin, 57074 D (614 R.P.M.) | | 1 |
| 57073 DX | 6 | Power Take-off Pinion with Pin, 57074 D (800 R.P.M.) | | 1 |
| 8736 DBX | 8 | Power Take-off Housing with 2 Pipe Plugs, 3/4" | | 1 |
| | | Cap Screw, 3/4 X 1-3/4" N.C. Hex Head | | 1 |
| | | Cap Screw, 3/4 X 2" N.C. Hex Head | | 4 |
| | | Cap Screw, 3/4 X 2-1/4" N.C. Hex Head | | 4 |
| | | Hex Nut, 3/4" N.C. | | 1 |
| | | Lockwasher, 3/4" | | 8 |
| 27044 D | 9 | Power Take-off Breather Pipe | | 1 |
| 27048 D | 10 | Power Take-off Breather Screen | | 1 |
| 27046 D | 11 | Power Take-off Breather Felt | | 1 |
| | 12 | Standard Pipe Cap 1" | | 1 |

**Note No. 1—Order Machine Attachments through same channels as complete machine is ordered.**
**Note No. 2—Order attachments (not marked Machine Attachments) through regular service parts channel**

Ⓐ - Not TDR 1442
Ⓑ - Not TDR 1443

# ATTACHMENTS

## REDUCED SPEED POWER TAKE-OFF—REAR (Special) —Continued

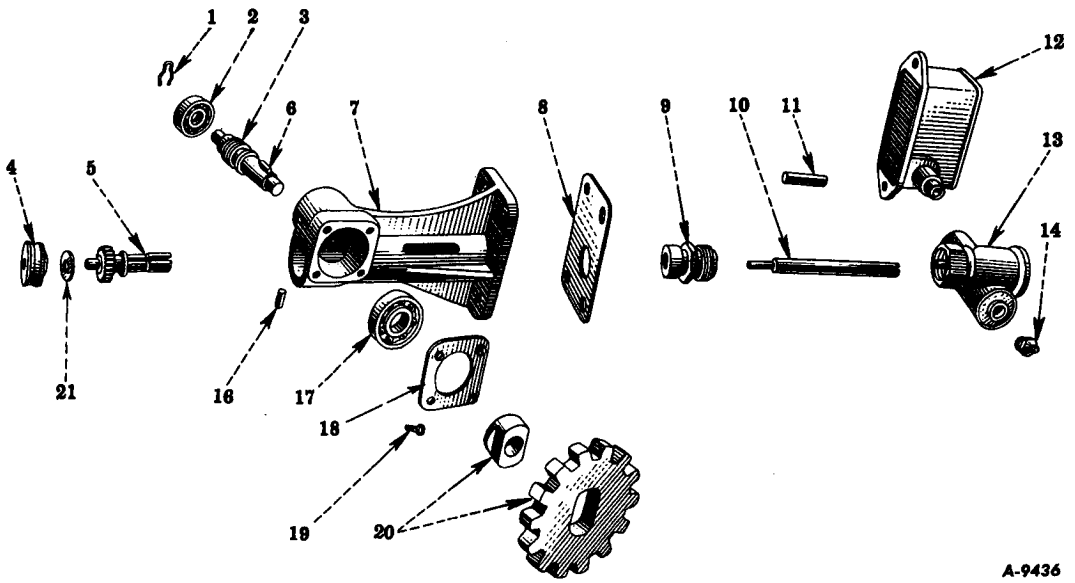
| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D | |
|---|---|---|---|---|---|
| 45557 D | 13 | Power Take-off Shifter Shaft Plug | TDR 501 to 1658 | 1 | |
| 8737 DA | 14 | Power Take-off Shifter Fork | | 1 | |
| | | Cap Screw, 3/8 X 1-1/4" N.C. Hex Head | | 1 | |
| | | Lockwasher, 3/8" | | 1 | |
| | | | | | |
| 45532 DA | 15 | Power Take-off Shifter Shaft Key | | 2 | |
| 57076 DA | 16 | Power Take-off Shifter Shaft | | 1 | |
| | | Cotter Pin, 1/8 X 1" | TDR 501 to 1658 | 1 | |
| 8738 D | 17 | Power Take-off Shifter Lever | | 1 | |
| | | Cap Screw, 3/8 X 1-1/2" N.C. Hex Head | | 1 | |
| | | Lockwasher, 3/8" | | 1 | |
| 57075 DB | 18 | Power Take-off Shifter Coupling | | 1 | |
| 42289 D | 19 | Power Take-off Housing Gasket | | 1 | |
| 45537 D | 20 | Power Take-off Shaft Bearing Retainer Snap Ring | | 1 | |
| 57070 D | 21 | Power Take-off Shaft Oil Slinger | | 1 | |
| 45538 D | 22 | Power Take-off Shaft Bearing Cage Retainer | | 1 | |
| | | Cap Screw, 3/8 X 7/8" N.C. Hex Head | | 4 | |
| | | Lockwasher, 3/8" | | 4 | |
| 13176 D | 23 | Power Take-off Shaft Bearing (New Departure 1209) | | | |
| | | (ST 201 Will Work) | TDR 501 to 13000 | 1 | |
| ST 201 | 23 | Power Take-off Shaft Bearing (IHC) (Will Work for | | | |
| | | 13176 D) | TDR 501 to 13000 | 1 | |
| 18507 D | 23 | Power Take-off Shaft Bearing (New Departure 3209) (ST-202 | | | |
| | | Will Work) | TDR 13001 up | 1 | |
| ST-202 | 23 | Power Take-off Shaft Bearing (IH) (Will Work for 18507 D) | TDR 13001 up | 1 | |
| 45561 D | 24 | Power Take-off Shaft Oil Seal - Inner | | 1 | |
| 8735 DX | 25 | Power Take-off Shaft Bearing Cage with Oil Seal, 45561 D | | 1 | |
| 42289 D | 26 | Power Take-off Shaft Bearing Cage Gasket | | 1 | |
| 57069 DB | 27 | Power Take-off Shaft | | 1 | |
| 45533 DA | 28 | Power Take-off Shifter Pin (Order 49541 DA) | | 2 | |
| 49541 DA | 28 | Power Take-off Shifter Pin (Will Work for 45533 DA) | | 2 | |
| 4596 D | 29 | Power Take-off Shifter Poppet (1/2" Steel Ball) | | | |
| | | (Will Work for 29366 H) (13722 D Will Work) | TDR 501 to 13000 | 1 | |
| 13722 D | 29 | Power Take-off Shifter Poppet (1/2" Steel Ball) | | | |
| | | (Will Work for D-2616) | | 1 | |
| 29366 H | 29 | Power Take-off Shifter Poppet (1/2" Steel Ball) | | | |
| | | (Order D-2616) | | 1 | |
| D-2616 | 29 | Power Take-off Shifter Poppet (1/2" Steel Ball) (13722 D | | | |
| | | Will Work) (Will Work for 29366 H) | TDR 13001 up | 1 | |
| 47823 D | 30 | Power Take-off Shifter Poppet Spring (Order 64163 D) | | 1 | |
| 64163 D | 30 | Power Take-off Poppet Spring (Will Work for 47823 D) | | 1 | |
| 49105 D | 31 | Power Take-off Shifter Poppet Bushing | | 1 | |
| | | Hex Jam Nut, 3/4" N.C. | | 1 | |
| 10367 H | 33 | Power Take-off Shifter Shaft Thrust Washer | TDR 501 to 1658 | 1 | |
| 57086 D | 34 | Power Take-off Gear Shaft Nut | | 1 | |
| | | Cotter Pin, 3/16 X 3" | | 1 | |
| 57080 D | 35 | Power Take-off Gear Shaft | | 1 | |
| 8739 D | 36 | Power Take-off Gear Shaft Outer Bearing Cage | | 1 | |
| | | Cap Screw, 3/8 X 3/4" N.F. Hex Head | | 4 | |
| | | Lockwasher, 3/8" | | 4 | |
| 57087 D | 37 | Power Take-off Gear Shaft Outer Bearing Cage Gasket | | 1 | |
| 57085 D | 38 | Power Take-off Gear Shaft Outer Bearing Oil Seal | | 1 | |
| 4444 D | 39 | Power Take-off Gear Shaft Bearing, Outer (New | | | |
| | | Departure 1211) (ST 279 Will Work) (Order 21599 D) | TDR 501 to 13000 | 1 | |
| ST 279 | 39 | Power Take-off Gear Shaft Bearing (IHC) | | | |
| | | (Will Work for 4444 D) (Order ST 265) | TDR 501 to 13000 | 1 | |

# ATTACHMENTS

| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D |
|---|---|---|---|---|
| | | **REDUCED SPEED POWER TAKE-OFF—REAR (Special)—Continued** | | |
| 21599 D | 39 | POWER TAKE-OFF GEAR SHAFT BEARING (NEW DEPARTURE 3211) | | |
| | | (ST-265 WILL WORK) | TDR 13001 UP | 1 |
| ST-265 | 39 | POWER TAKE-OFF GEAR SHAFT BEARING (IH) | | |
| | | (WILL WORK FOR 21599 D) | TDR 13001 UP | 1 |
| 46749 D | 40 | POWER TAKE-OFF HOUSING COVER DOWEL PIN | | 2 |
| 57077 D | 41 | POWER TAKE-OFF GEAR, 52 TEETH (300 R.P.M.) | | 1 |
| 57078 D | 41 | POWER TAKE-OFF GEAR, 43 TEETH (614 R.P.M.) | | 1 |
| 57079 D | 41 | POWER TAKE-OFF GEAR, 39 TEETH (800 R.P.M.) | | 1 |
| 57081 D | 42 | POWER TAKE-OFF GEAR CLAMP NUT LOCK | | 1 |
| 57082 D | 43 | POWER TAKE-OFF GEAR CLAMP NUT | | 1 |
| 23874 D | 44 | POWER TAKE-OFF GEAR SHAFT BEARING, INNER (NEW DEPARTURE 3206) (ST 213 WILL WORK) | | 1 |
| ST 213 | 44 | POWER TAKE-OFF SHAFT BEARING, INNER (IHC) | | |
| | | (WILL WORK FOR 23874 D) | | 1 |
| 57089 D | 45 | POWER TAKE-OFF HOUSING SPACER | | 1 |
| 57091 D | 46 | POWER TAKE-OFF SHIFTER LEVER ROD | TDR 501 TO 1443 Ⓐ | 1 |
| | | COTTER PIN, 1/8 X 3/4" | | 2 |
| 58268 D | 46 | POWER TAKE-OFF SHIFTER LEVER ROD (ORDER 64958 D) | TDR 1442 TO 3532 Ⓑ | 1 |
| | | COTTER PIN, 1/8 X 7/8" | | 2 |
| 61753 D | 46 | POWER TAKE-OFF SHIFTER LEVER ROD | TDR 3533 UP | 1 |
| | | HEX NUT, 1/2" N.F. "B" TYPE | | 2 |
| | | COTTER PIN, 1/8 x 7-1/8" | | 1 |
| 64958 D | 46 | POWER TAKE-OFF SHIFTER CONTROL PACKAGE | | |
| | | (CONSISTS OF LEVER ROD 61753 D, ADJUSTING BLOCK 61615 D) | | |
| | | (WILL WORK FOR 58268 D) | TDR 501 TO 3532 | 1 |
| 41597 D | 47 | POWER TAKE-OFF SHIFTER HAND LEVER HANDLE | | |
| | | (ONE REQUIRED WHEN 8741 DX IS USED) | | 1 |
| 8741 DX | 48 | POWER TAKE-OFF SHIFTER HAND LEVER WITH HANDLE, 41597 D | | |
| | | (9636 D WILL WORK) | | 1 |
| 9636 D | 48 | POWER TAKE-OFF SHIFTER HAND LEVER (ONE PIECE) | | |
| | | (8741 DX WILL WORK) | | 1 |
| 57090 DX | 49 | POWER TAKE-OFF SHIFTER HAND LEVER BRACKET WITH PIN | TDR 501 TO 1443 Ⓐ | 1 |
| | | CAP SCREW, 1/2 X 1-1/2" N.C. HEX HEAD | | 2 |
| | | LOCKWASHER, 1/2" | | 2 |
| | | COTTER PIN, 3/16 x 1" | | 1 |
| 61615 D | 49A | POWER TAKE-OFF SHIFTER LEVER ROD ADJUSTING BLOCK | TDR 3533 UP | 1 |
| 58269 DX | 50 | POWER TAKE-OFF SHIFTER HAND LEVER BRACKET WITH PIN | TDR 1442 UP Ⓑ | 1 |
| | | CAP SCREW, 1/2 X 1-1/2" N.C. HEX HEAD | | 2 |
| | | LOCKWASHER, 1/2" | | 2 |
| | | COTTER PIN, 3/16 X 1" | | 1 |
| 57074 D | 51 | POWER TAKE-OFF SHIFTER COUPLING STOP GROOVE PIN, 3/16 X 1-3/4" | | 1 |

Ⓐ - NOT TDR 1442
Ⓑ - NOT TDR 1443

# ATTACHMENTS




*Reference numbers only are shown in illustration. Use I H C part numbers in ordering.*

## ODOMETER DRIVE (Special)

**(Stewart-Warner Corporation)**

| | | | | |
|---|---|---|---|---|
| 59333 D | | | ODOMETER DRIVE ATTACHMENT | |
| | | | (MACHINE ATTACHMENT) (SEE NOTE NO. 1) | 1 |
| 31180 D | 1 | | ODOMETER DRIVE GEAR SHAFT REAR BEARING LOCK | 1 |
| 26256 D | 2 | | ODOMETER DRIVE GEAR SHAFT REAR BALL BEARING | |
| | | | (N.D. 39) | 1 |
| 26251 D | 3 | | ODOMETER DRIVE GEAR SHAFT, TOOTH | 1 |
| | | | HEX SLOTTED NUT, 3/8" N.F. | 1 |
| | | | COTTER PIN, 3/32 x 5/8" | 1 |
| | | | WASHER, 25/64" I.D. x 7/8" O.D. x No. 16 GA. | 1 |
| 37574 D | 4 | 96358 | ODOMETER DRIVE GEAR SPECIAL BEARING | |
| | | | (SEE NOTE) | 1 |
| 26257 D | 5 | 96213 | ODOMETER LOWER DRIVEN GEAR AND SHAFT, R.H., | |
| | | | 20 TEETH (SEE NOTE) | 1 |
| 4167 T | 6 | | ODOMETER DRIVE GEAR HUB KEY (WOODRUFF NO. 3) | 1 |
| 5470 DX | 7 | | ODOMETER DRIVE HOUSING WITH GEAR 37574 D AND PIN 6403 T | 1 |
| | | | CAP SCREW, 3/8 x 3/4" N.C. HEX. HEAD | 4 |
| | | | LOCKWASHER, 3/8" | 4 |

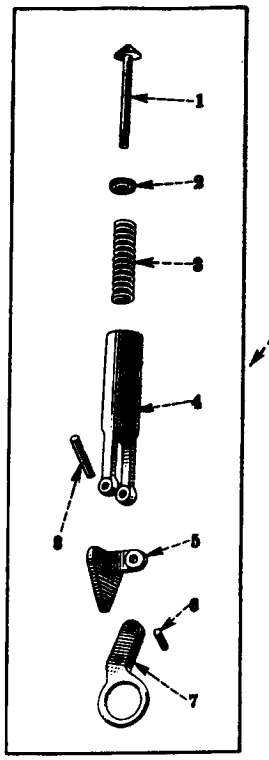
NOTE-- ALL SERVICE AND REPLACEMENT PARTS FOR ODOMETER HEAD SHOULD BE REFERRED TO AN AUTHORIZED STEWART-WARNER SERVICE BRANCH OR SERVICE STATION.

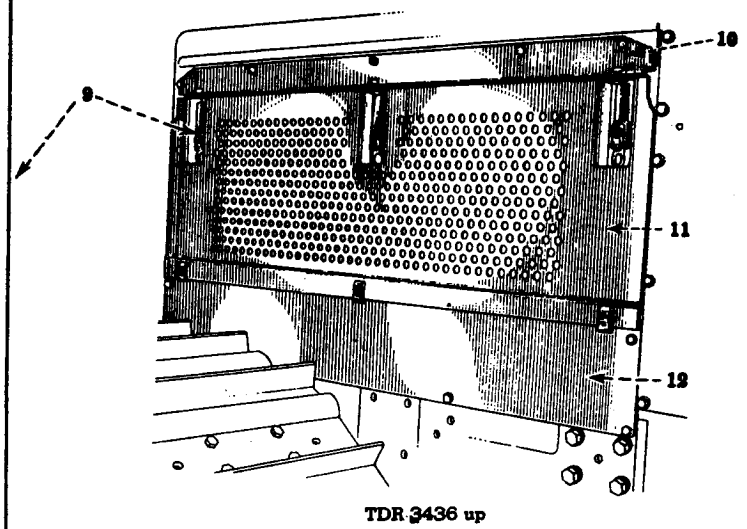
**Note No. 1—Order Machine Attachments through same channels as complete machine is ordered.**
**Note No. 2—Order attachments (not marked Machine Attachments) through regular service parts channel.**

# ATTACHMENTS

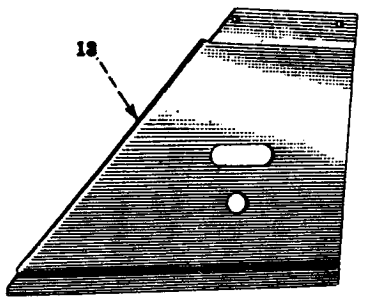
| I H C PART NUMBER | REF. NO. | MFR'S. NUMBER | DESCRIPTION | SERIAL NUMBER | NO. REQ'D | |
|---|---|---|---|---|---|---|
| | | | **ODOMETER DRIVE (Special)—Continued** | | | |
| | | | **(Stewart-Warner Corporation)** | | | |
| 26245 D | 8 | | Odometer Drive Housing Gasket | | 1 | |
| 26261 D | 9 | 20312 | Odometer Drive Housing Sleeve (see Note) | | 1 | |
| 37575 D | 10 | 96212 | Odometer Drive Shaft Extension (see Note) | | 1 | |
| 59239 D | 11 | | Odometer Support (1/8" Standard Pipe) | | 2 | |
| 37599 D | 12 | S-776-A | Odometer Head, Complete (see Note) | | 1 | |
| | | | Screw, No. 12 - 24 x 1-3/4" Round Head | | 2 | |
| | | | Lockwasher, No. 12 | | 2 | |
| 59098 D | 13 | 104299 | Odometer Drive Upper Joint, Complete with | | | |
| | | | Coupling Nut (see Note) | | 1 | |
| Q 3626 | 14 | | Odometer Drive Upper Joint Lubricator | | 1 | |
| 6403 T | 16 | | Odometer Drive Housing Sleeve Pin | | 1 | |
| ST 260 | 17 | | Odometer Drive Gear Shaft Bearing (11294 V Will Work) | | 1 | |
| 11294 V | 17 | | Odometer Drive Gear Shaft Front Ball Bearing | | | |
| | | | (N.D. 3201) (ST 260 Will Work) | | 1 | |
| 26249 D | 18 | | Odometer Drive Gear Shaft Front Bearing Retainer | | 1 | |
| 26250 D | 19 | | Odometer Drive Gear Shaft Front Bearing | | | |
| | | | Retainer Screw | | 4 | |
| 37577 DX | 20 | | Odometer Drive Gear, 14 Teeth with Hub | | 1 | |
| 26259 D | 21 | 843 | Odometer Lower Driven Gear and Shaft Thrust | | | |
| | | | Washer (see Note) | | 1 | |

NOTE-- All Service and Replacement Parts for Odometer Head Should Be Referred to an Authorized Stewart-Warner Service Branch or Service Station.




TDR 3436 up




TDR 501 to TDR 3435

A-10680

*Reference numbers only are shown in illustration. Use I H C part numbers in ordering.*
*Unnumbered parts in the illustrations are the same as corresponding parts shown with numbers.*

## FOREST SHIELD (Special)

| | | | | |
|---|---|---|---|---|
| 46166 D | | FOREST SHIELD ATTACHMENT (MACHINE ATTACHMENT) (SEE NOTE NO. 1) | TDR 501 TO TDR 3435 | 1 |
| 63188 D | | FOREST SHIELD ATTACHMENT (MACHINE ATTACHMENT) (SEE NOTE NO. 1) | TDR 3436 UP | 1 |
| 63187 DA | 1 | HOOD FASTENER SPRING HOLDER | TDR 3436 UP | 6 |
| | | HEX NUT, 5/16" N.C. | | 6 |
| 58101 D | 2 | HOOD FASTENER SPRING BOLT GUIDE | TDR 3436 UP | 6 |
| 64159 D | 3 | HOOD FASTENER SPRING | TDR 3436 UP | 6 |
| 8815 D | 4 | HOOD FASTENER SPRING HOLDER | TDR 3436 UP | 6 |
| 8817 D | 5 | HOOD FASTENER BRACKET | TDR 3436 UP | 6 |
| 58103 D | 6 | HOOD FASTENER TOGGLE PIN | TDR 3436 UP | 6 |
| | | RIVIT, 3/16 x 3/4" ROUND HEAD | | 18 |
| 8816 D | 7 | HOOD FASTENER TOGGLE | TDR 3436 UP | 6 |
| G 9210 | 8 | HOOD FASTENER SPRING HOLDER PIN | TDR 3436 UP | 6 |
| 63186 DA | 9 | TOGGLE HOOD FASTENER, COMPLETE | TDR 3436 UP | 6 |
| 63181 DX | 10 | FOREST SHIELD HOOD ANGLE | TDR 3436 UP | 2 |
| | | CAP SCREW, 3/8 x 3/4" N.F. HEX. HEAD | | 10 |
| | | CAP SCREW, 3/8 x 1-1/2" N.F. HEX. HEAD | | 4 |
| | | HEX. NUT, 3/8" N.F. | | 14 |
| | | LOCKWASHER, 3/8" | | 14 |
| | | WASHER, 13/32" I.D. x 1" O.D. x No. 16 GAUGE | | 4 |
| 63180 DX | 11 | FOREST SHIELD HOOD SIDE DOOR | TDR 3436 UP | 2 |
| 63184 D | 12 | ENGINE SIDE SHEET, LEFT HAND | TDR 3436 UP | 1 |
| 63185 D | 12 | ENGINE SIDE SHEET, RIGHT HAND | TDR 3436 UP | 1 |
| 46164 DAX | 13 | FOREST SHIELD, L.H., WITH FASTENING BUTTON AND STOPS | TDR 501 TO TDR 3435 | 1 |
| | | CAP SCREW, 3/8 x 3/4" N.F. HEX. HEAD | | 2 |
| | | HEX. NUT, 3/8" N.F. | | 2 |
| | | LOCKWASHER, 3/8" | | 2 |
| 46165 DAX | 13 | FOREST SHIELD, R.H., WITH FASTENING BUTTON AND STOPS | TDR 501 TO TDR 3435 | 1 |
| | | CAP SCREW, 3/8 x 3/4" N.F. HEX. HEAD | | 2 |
| | | HEX. NUT, 3/8" N.F. | | 2 |
| | | LOCKWASHER, 3/8" | | 2 |

**Note No. 1—Order Machine Attachments through same channels as complete machine is ordered.**
**Note No. 2—Order attachments (not marked Machine Attachments) through regular service parts channel.**

# ATTACHMENTS

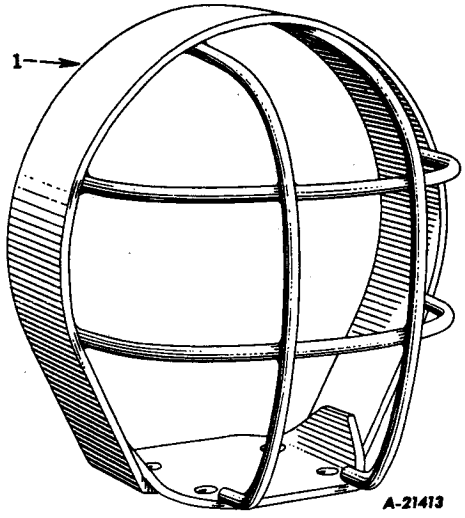
| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D |
|---|---|---|---|---|
| | | **PRE-HEATER ATTACHMENT** | | |
| 67631 D | | PRE-HEATER ATTACHMENT COMPLETE, FOR CRAWLER TYPE TRACTORS | | |
| | | EQUIPPED WITH CRANKCASE GUARD ATTACHMENT, 67622 D | | |
| | | (MACHINE ATTACHMENT) (SEE NOTE NO. 1) | TDR 13001 UP | 1 |
| 67632 D | | PRE-HEATER ATTACHMENT COMPLETE, FOR CRAWLER TYPE TRACTORS | | |
| | | EQUIPPED WITH CRANKCASE GUARD ATTACHMENT, 42887 D | | |
| | | (MACHINE ATTACHMENT) (SEE NOTE NO. 1) | TDR 13001 UP | 1 |
| 67577 D | | PRE-HEATER TORCH ATTACHMENT (MACHINE ATTACHMENT) | | |
| | | (SEE NOTE NO. 1) | | 1 |
| 67590 D | | PRE-HEATER CRANKCASE PAN ATTACHMENT (‡) (MACHINE ATTACHMENT) | | |
| | | (SEE NOTE NO. 1) | TDR 13001 UP | 1 |
| 67621 D | | PRE-HEATER CRANKCASE PAN ATTACHMENT (MACHINE ATTACHMENT) (*) | | |
| | | (SEE NOTE NO. 1.) | TDR 13001 UP | 1 |
| 67622 D | | CRANKCASE GUARD ATTACHMENT (‡) (MACHINE ATTACHMENT) | | |
| | | (SEE NOTE NO. 1) | TDR 13001 UP | 1 |
| | | **PRE-HEATER CRANKCASE PAN ATTACHMENT** | | |
| 67621 D | | PRE-HEATER CRANKCASE PAN ATTACHMENT FOR CRAWLER TYPE TRACTORS | | |
| | | EQUIPPED WITH CRANKCASE GUARD ATTACHMENT, 42887 D | | |
| | | (MACHINE ATTACHMENT) (SEE NOTE NO. 1) | TDR 13001 UP | 1 |
| 9657 DX | | CRANKCASE PAN FLAME BAFFLE | | 1 |
| 9662 D | | PRE-HEATER CRANKCASE PAN | | 1 |
| 42715 D | | CRANKCASE PAN GASKET | | 1 |
| 67545 D | | CRANKCASE PAN WATER INLET HOSE | | 1 |
| 67575 D | | TORCH HOLE COVER | | 1 |
| 67612 D | | FLAME SHIELD | | 1 |
| | | CAP SCREW, 3/8 x 3/4" N.C. HEX. HEAD | | 3 |
| | | LOCKWASHER, 3/8" | | 3 |
| 67613 D | | CRANKCASE PAN WATER OUTLET PIPE, LOWER | | 1 |
| 67614 D | | CRANKCASE PAN WATER OUTLET PIPE, UPPER | | 1 |
| 67616 D | | CRANKCASE PAN WATER OUTLET NIPPLE, LONG | | 1 |
| 67618 D | | CRANKCASE PAN WATER INLET PIPE, LOWER | | 1 |
| 67619 D | | CRANKCASE PAN WATER INLET PIPE, UPPER | | 1 |
| 67620 D | | CRANKCASE-OUTLET NIPPLE, SHORT | | 1 |
| 67830 D | | CRANKCASE-OUTLET NIPPLE, LONG | | 1 |
| 39121 H | | CRANKCASE PAN WATER INLET HOSE CLAMP | | 1 |
| 67590 D | | PRE-HEATER CRANKCASE PAN ATTACHMENT, FOR CRAWLER TYPE TRACTOR | | |
| | | WITHOUT CRANKCASE GUARD ATTACHMENT (MACHINE ATTACHMENT) | | |
| | | (SEE NOTE NO. 1) | TDR 13001 UP | 1 |
| | | (‡) - FOR USE WITH ATTACHMENT, 67631 D | | |
| | | (*) - FOR USE WITH ATTACHMENT, 67632 D | | |

**Note No. 1—Order Machine Attachments through same channels as complete machine is ordered.**
**Note No. 2—Order attachments (not marked Machine Attachments) through regular service parts channel.**

| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D | |
|---|---|---|---|---|---|
| | | **PRE-HEATER CRANKCASE PAN ATTACHMENT—Continued** | | | |
| 9657 DX | | Crankcase Pan Flame Baffle | | 1 | |
| 9662 DX | | Pre-heater Crankcase Pan | | 1 | |
| 42715 D | | Crankcase Pan Gasket | | 1 | |
| 67545 D | | Crankcase Pan Water Inlet Hose | | 1 | |
| 67613 D | | Crankcase Pan Water Outlet Pipe, Lower | | 1 | |
| 67614 D | | Crankcase Pan Water Outlet Pipe, Upper | | 1 | |
| 67618 D | | Crankcase Pan Water Inlet Pipe, Lower | | 1 | |
| 67619 D | | Crankcase Pan Water Inlet Pipe, Upper | | 1 | |
| 67620 D | | Crankcase Outlet Nipple, Short | | 1 | |
| 67830 D | | Crankcase Outlet Nipple, Long | | 1 | |
| 39121 H | | Crankcase Pan Water Inlet Hose Clamp | | 2 | |
| | | **PRE-HEATER TORCH ATTACHMENT** | | | |
| 67577 D | | Pre-heater Torch Attachment (Machine Attachment) | | | |
| | | (See Note No. 1) | TDR 13001 up | 1 | |
| 67535 D | | Pre-heater Torch | | 1 | |
| 67536 DX | | Pre-heater Torch Shield | | 1 | |
| 67537 D | | Pre-heater Torch Shield Support | | 2 | |
| 67561 D | | Pre-heater Fuel Tank | | 1 | |
| | | **HEAVY EQUALIZER SPRING** | | | |
| 62143 D | | Heavy Equalizer Spring Attachment (See Note No. 2) | | x | |
| | | | | | |
| 8903 DX | | Equalizer Spring Saddle, Upper, with Wear Pad 41440 D | | x | |
| | | Rivet, 3/8 x 1-3/4" | | 2 | |
| 8904 D | | Equalizer Spring Saddle, Lower | | 1 | |
| 41440 D | | Equalizer Spring Saddle Wear Pad | | 1 | |
| 58949 D | | Equalizer Spring Spacer | | 1 | |
| 58950 D | | Equalizer Spring, Complete | | 1 | |
| | | **STARTING PRIMER ATTACHMENT** | | | |
| 255068 R91 | | Starting Primer Attachment | TDRM 15001 up | 1 | |
| 25038 HA | | Starting Primer Inlet Tube (Carburetor End) | | 1 | |
| 32896 D | | Starting Primer Inlet Tube Gland | | 1 | |
| 32897 D | | Starting Primer Inlet Tube Packing | | 1 | |
| 36092 D | | Starting Primer Coupling Nut | | 2 | |
| 42215 D | | Starting Primer Nut | | 2 | |
| | | (1 Req'd. with 54692 DA Primer) | | | |
| | | (2 Req'd. with 53136 D Primer) | | | |
| 42772 D | | Starting Primer Control Rod End | | 1 | |
| 50682 D | | Starting Primer Bracket | | 1 | |
| | | Cap Screw, 5/16 x 3/4" N.C. Hex. Head | | 2 | |
| | | Lockwasher, 5/16" | | 2 | |
| 53136 D | | Starting Primer (54692 DA Will Work) | | 1 | |
| 54692 DA | | Starting Primer (53136 D Will Work) | | 1 | |
| 254147 R91 | | Starting Primer Spray Tube Tee with 2 Coupling | | 2 | |
| | | Nuts, 36092 D | | 2 | |
| 254148 R91 | | Starting Primer Spray Tube Elbow with 2 Coupling | | | |
| | | Nuts, 36092 D | | 2 | |
| 254895 R11 | | Starting Primer Tube #1 with 2 Coupling Nuts, 36092 D | | 1 | |
| 254896 R11 | | Starting Primer Tube #2 with 2 Coupling Nuts, 36092 D | | 1 | |
| 254897 R11 | | Starting Primer Tube #3 with 2 Coupling Nuts, 36092 D | | 1 | |
| 254898 R11 | | Starting Primer Tube #4 with 2 Coupling Nuts, 36092 D | | 1 | |
| 254899 R11 | | Starting Primer Inlet Tube with 2 Nuts, 25038 HA | | 1 | |
| 255069 R11 | | Starting Primer Control Rod with Button | | 1 | |
| | | Cotter Pin, 1/16 x 3/8" | | | |

**Note No. 1—Order Machine Attachments through same channels as complete machine is ordered.**
**Note No. 2—Order attachments (not marked Machine Attachments) through regular service parts channel.**

X - As Required

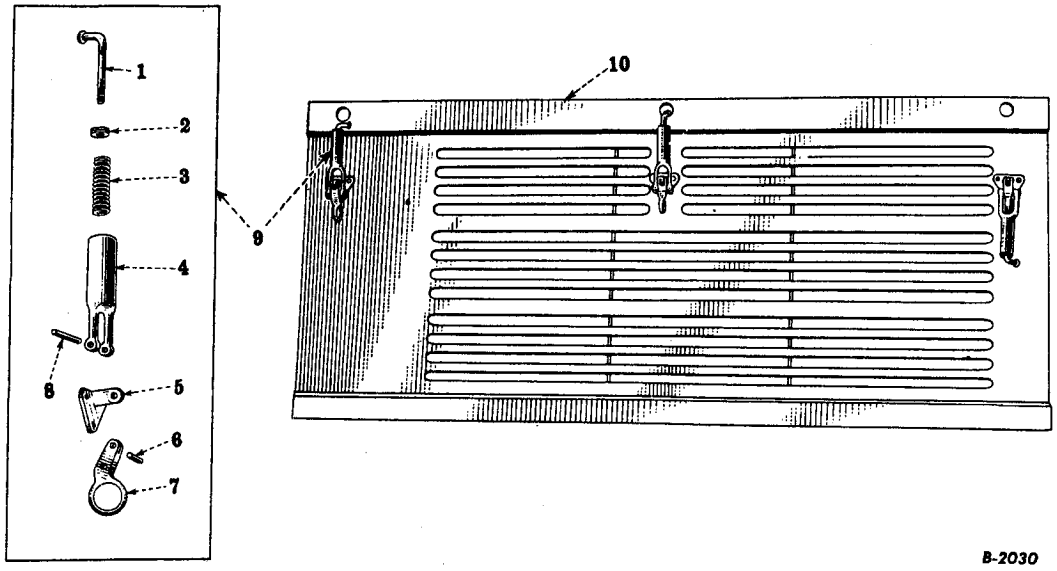



*Reference numbers only are shown in illustration. Use I H C part numbers in ordering.*

## HEAD LAMP BRUSH GUARD ATTACHMENT

| | | | | |
|---|---|---|---|---|
| 64015 D | | Head Lamp Brush Guard Attachment (See Note No. 2) | | |
| | | (Order 258537 R91) | TDR 501 to 17139 | 1 |
| 258537 R91 | | Head Lamp Brush Guard Attachment (See Note No. 2) | | |
| | | (Will Work for 64015 D) | TDR 17140 up | 1 |
| 64017 D | 1 | Head Lamp Brush Guard (L.H.) (Order 254071 R91) | TDR 501 to 17139 | 1 |
| | | Cap Screw, 1/2 x 1-1/4" N.C. Hex. Head | | 2 |
| | | Lockwasher, 1/2" | | 2 |
| 64018 D | 1 | Head Lamp Brush Guard (R.H.) (Order 254071 R91) | TDR 501 to 17139 | 1 |
| | | Cap Screw, 1/2 x 1-1/4" N.C. Hex. Head | | 2 |
| | | Lockwasher, 1/2" | | 2 |
| 254071 R91 | 1 | Head Lamp Brush Guard (Will Work for 64017 D and 64018 D) | TDR 17140 up | 2 |
| | | Cap Screw, 1/2 x 1-1/4" N.C. Hex Head | | 2 |
| | | Lockwasher, 1/2" | | 2 |

**Note No. 1—Order Machine Attachments through same channels as complete machine is ordered.**
**Note No. 2—Order attachments (not marked Machine Attachments) through regular service parts channel.**




*Reference numbers only are shown in illustration. Use I H C part numbers in ordering.*
*Unnumbered parts in the illustrations are the same as corresponding parts shown with numbers.*

## HOOD SIDE DOORS (Special)

| | | | | |
|---|---|---|---|---|
| 46149 D | | Hood Side Door Attachment (Machine Attachment) | | |
| | | (See Note No. 1) | | 1 |
| 58099 DA | 1 | Hood Fastener Spring Bolt | TDR 1691 up | 6 |
| | | Hex. Nut, 5/16" N.C. | | 6 |
| 58101 D | 2 | Hood Fastener Spring Bolt Guide | TDR 1691 up | 6 |
| 58100 D | 3 | Hood Fastener Spring (Order 64159 D) | TDR 1691 up | 6 |
| 64159 D | 3 | Hood Fastener Spring (Will work for 58100 D) | TDR 1691 up | 6 |
| 8815 D | 4 | Hood Fastener Spring Holder | TDR 1691 up | 6 |
| 8817 D | 5 | Hood Fastener Bracket | TDR 1691 up | 6 |
| | | Rivet, 3/16 x 5/8" Round Head | | 18 |
| 58103 D | 6 | Hood Fastener Toggle Pin | TDR 1691 up | 6 |
| 8816 D | 7 | Hood Fastener Toggle | TDR 1691 up | 6 |
| 58102 D | 8 | Hood Fastener Spring Holder Pin (Order G 9210) | TDR 1691 up | 6 |
| G 9210 | 8 | Hood Fastener Spring Holder Pin (Will work for 58102 D) | TDR 1691 up | 6 |
| 27159 D | 9 | Hood Side Door Latch (Order 27159 DB) | TDR 501 to 1690 | 6 |
| 27159 DB | 9 | Hood Side Door Latch, Complete (Will Work for 27159 D) | TDR 1691 up | 6 |
| 46143 DAX | 10 | Hood Side Door, L.H., with 3 Latches, 27159 DA | | 1 |
| 46144 DAX | 10 | Hood Side Door, R.H., with 3 Latches, 27159 DA | | 1 |

**Note No. 1—Order Machine Attachments through same channels as complete machine is ordered.**
**Note No. 2—Order attachments (not marked Machine Attachments) through regular service parts channel.**

THREE MAN CAB AND SEAT (SPECIAL)

KEY TO LETTERS --

A - 59291 D THREE MAN CAB AND SEAT ATTACHMENT (MACHINE ATTACHMENT) (SEE NOTE NO. 1)

B - 59293 D SKELETON CAB ATTACHMENT (MACHINE ATTACHMENT) (SEE NOTE NO. 1)

C - 64767 D THREE MAN SEAT ATTACHMENT (MACHINE ATTACHMENT) (SEE NOTE NO. 1)

D - 64768 D WINDSHIELD ATTACHMENT (FOR TRACTRACTORS EQUIPPED WITH SKELETON CAB) (SEE NOTE)

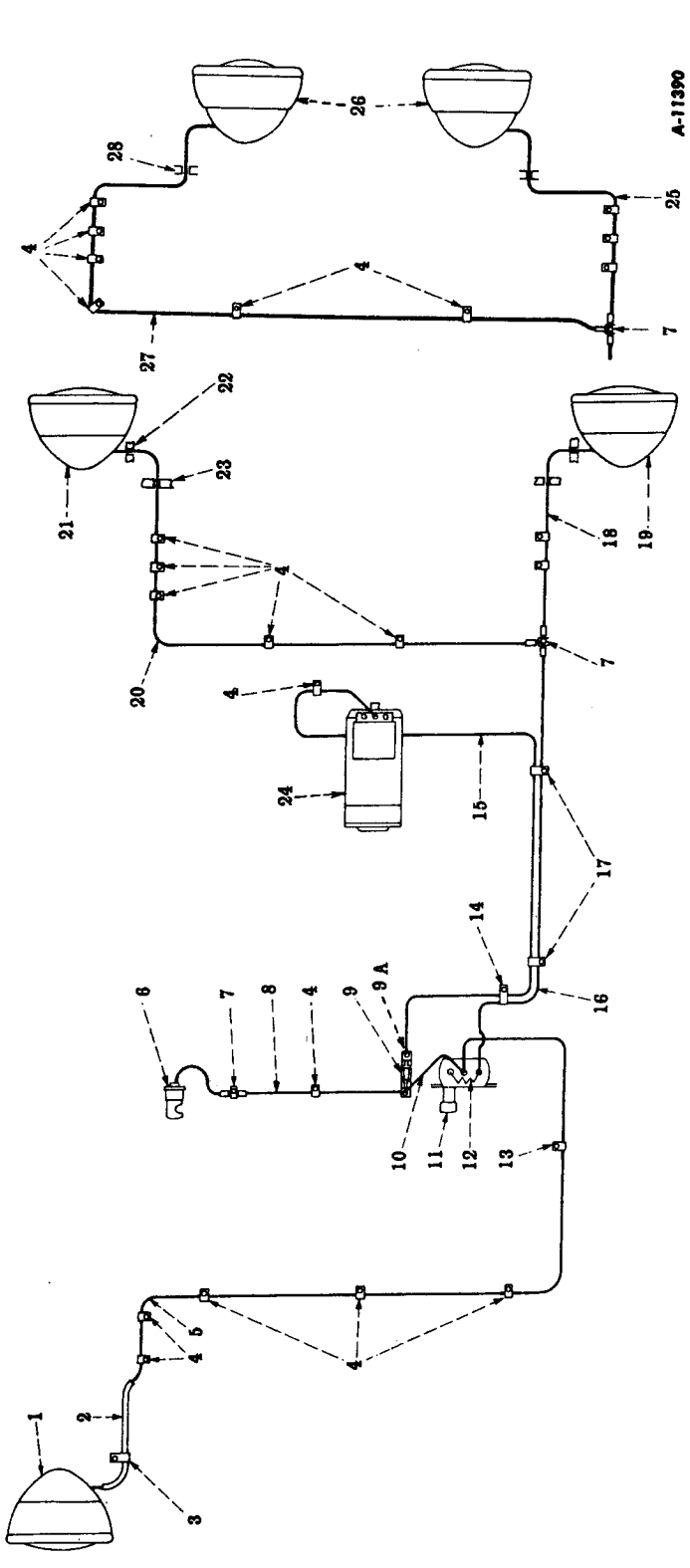
E - 64769 D SKELETON CAB CURTAIN ENCLOSURE ATTACHMENT (3 SIDES) (FOR TRACTRACTORS EQUIPPED WITH WINDSHIELD) (SEE NOTE)

| PART NUMBER | DESCRIPTION | NO. REQ'D | ATTACHMENT USED ON | | | | |
|---|---|---|---|---|---|---|---|
| | | | A | B | C | D | E |
| 8935 D | AIR PIPE | 1 | X | X | | | |
| | CAP SCREW, 3/8 x 7/8" N.C. HEX. HEAD | 3 | X | X | | | |
| | LOCKWASHER, 3/8" | 3 | X | X | | | |
| 8943 D | AIR PIPE ADAPTER | 1 | X | X | | | |
| 51151 D | THREE MAN SEAT | 1 | | | X | | |
| 51156 DA | ENCLOSURE STRIP (BELOW FUEL TANK), L.H. | 1 | X | | | | |
| 51157 DA | ENCLOSURE STRIP (BELOW FUEL TANK), R.H. | 1 | X | | | | |
| 57367 D | FUEL TANK SUPPORT SPACER | 2 | | | X | | |
| 59298 D | THREE MAN CAB | 1 | X | | | | |
| 59299 D | SKELETON CAB | 1 | | X | | | |

THE ABOVE ATTACHMENTS ARE FOR APPLICATIONS ON ALL TRACTRACTORS TDR 501 AND UP, DISPLACING ATTACHMENTS PREVIOUSLY LISTED.

NOTE - ALL SERVICE AND REPLACEMENT PARTS SHOULD BE ORDERED BY DESCRIPTION AND ORDERS SHOULD BE SENT TO THE HIGHLAND BODY MANUFACTURING COMPANY, CINCINNATI, OHIO.

**Note No. 1—Order Machine Attachments through same channels as complete machine is ordered.**
**Note No. 2—Order attachments (not marked Machine Attachments) through regular service parts channel.**




**Wiring Diagram—Electric Lighting—Special (Bosch No-Battery Generator)**

*Reference numbers only are shown in illustration. Use I H C part numbers in ordering. Unnumbered parts in the illustrations are the same as corresponding parts shown with numbers.*

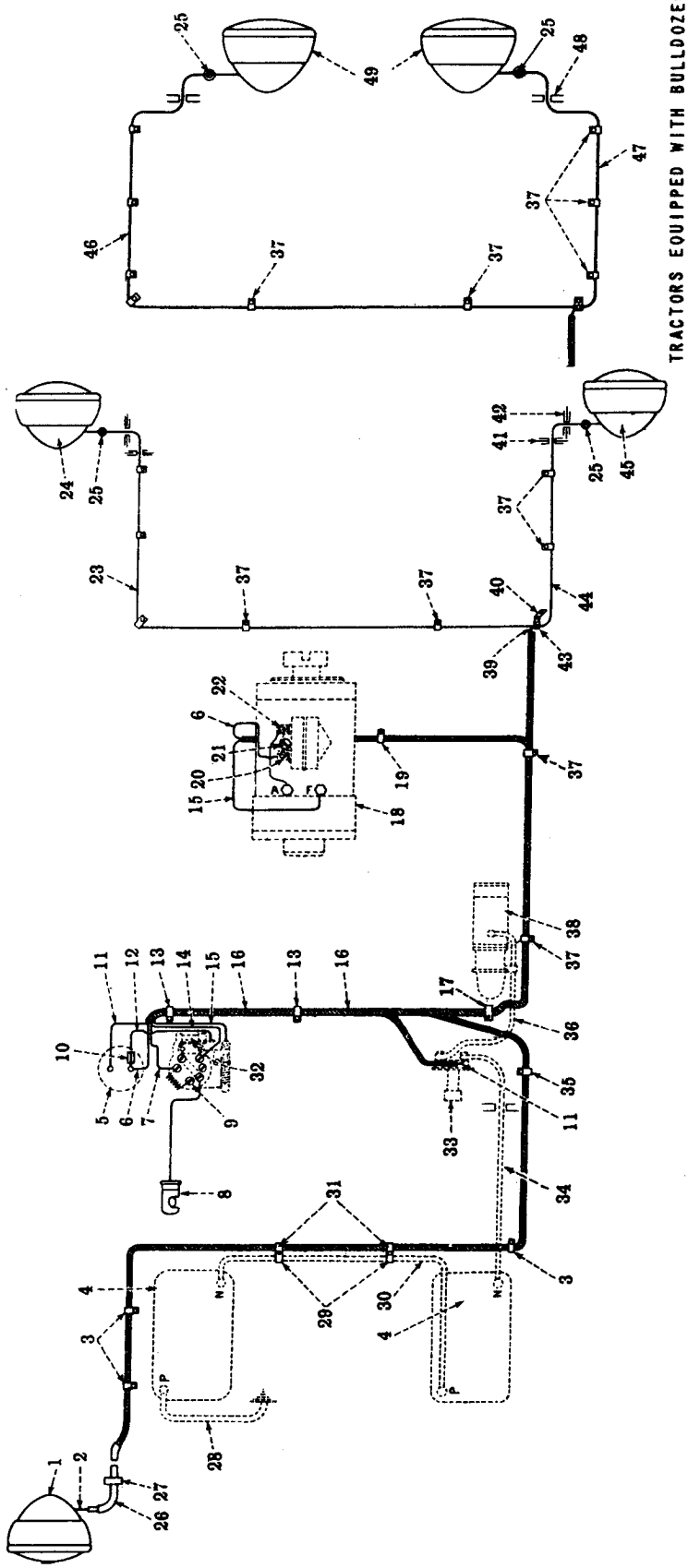
| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D | |
|---|---|---|---|---|---|
| | | **ELECTRIC LIGHTING (Special)** | | | |
| | | **(Bosch No-Battery Generator)** | | | |
| | | **(For Tractors not equipped with Electric Starting Equipment)** | | | |
| 50658 D | | Electric Lighting Attachment (2 Head Lamps and 1 Rear Lamp) | | | |
| | | (Machine Attachment) (Tractors with Bull Dozer) (See Note No. 1) | | 1 | |
| 50659 D | | Electric Lighting Attachment (2 Head Lamps and 1 Rear Lamp) | | | |
| | | (Machine Attachment) (See Note No. 1) | | 1 | |
| 50660 D | | Electric Lighting Attachment (2 Head Lamps and 1 Tail Lamp) | | | |
| | | (Machine Attachment) (Tractors with Bull Dozer) (See Note No. 1) | | 1 | |
| 50661 D | | Electric Lighting Attachment (2 Head Lamps and 1 Tail Lamp) | | | |
| | | (Machine Attachment) (See Note No. 1) | | 1 | |
| 50662 D | | Electric Lighting Attachment (1 Head Lamp and 1 Rear Lamp) | | | |
| | | (Machine Attachment) (Tractors with Bull Dozer) (See Note No. 1) | | 1 | |
| 50663 D | | Electric Lighting Attachment (1 Head Lamp and 1 Rear Lamp) | | | |
| | | (Machine Attachment) (See Note No. 1) | | 1 | |
| 47926 D | 1 | Rear Lamp | | 1 | |
| 42919 D | 2 | Rear Lamp Cable Conduit | | 1 | |
| 27388 D | 3 | Rear or Tail Lamp Cable Conduit Clip | | 1 | |
| 27385 D | 4 | Loom Clip, 1/4" - for 3/8" Bolt | | 16 | |
| | | Cap Screw, 3/8 x 3/4" N F. Hex. Head | | 1 | |
| | | Hex. Nut, 3/8" N.F. | | 1 | |
| | | Lockwasher, 3/8" | | 1 | |
| 52440 DX | 5 | Switch to Tail Lamp Cable with Loom, Complete | | 1 | |
| 52441 DX | 5 | Switch to Rear Lamp Cable with Loom, Complete | | 1 | |
| 42918 D | 6 | Dash Lamp (Order 59175 D) | | 1 | |
| | | Screw, No. 6 - 32 x 1/2" Round Head | | 2 | |
| | | Hex. Nut, No. 6 - 32 | | 2 | |
| | | Lockwasher, No. 6 | | 2 | |
| 59175 D | 6 | Dash Lamp (Will Work for 42918 D) | | 1 | |
| 42915 D | 7 | Junction Block | | 2 | |
| | | Screw, No. 10 - 24 x 1/2" Round Head | | 1 | |
| | | Hex. Nut, No. 10 | | 1 | |
| | | Lockwasher, No. 10 | | 1 | |
| 42917 D | 7 | Junction Block, 42915 D with Bracket, 42916 D | | 2 | |
| 30434 DX | 8 | Fuse to Junction Block Cable with Loom, Complete | | 1 | |
| 12061 D | 9 | Fuse, 15 Ampere (Order 10815 VA) | | 1 | |
| 10815 VA | 9 | Fuse, 20 Ampere (No. 3 - AC-15) (Will Work for 12061 D) | | 1 | |
| 7472 H | 9-A | Fuse Block (Killarck No. 103) | | 1 | |
| | | Screw, No. 8 - 32 x 3/4" Round Head | | 1 | |
| | | Hex. Nut, No. 8 - 32 | | 1 | |
| | | Lockwasher, No. 8 | | 1 | |
| 30436 D | 10 | Fuse to Switch Cable with Loom, Complete | | 1 | |
| 36625 HA | 11 | Dimmer Switch (Delco-Remy No. 465 V) (Order 103898 H) | TDR 501 to 8550 | 1 | |
| | | Cap Screw, 1/4 x 1/2" N.F. Hex. Head | | 2 | |
| | | Screw, No. 8 - 32 x 5/16" Round Head | | 3 | |
| | | Lockwasher, 1/4" | | 2 | |
| | | Lockwasher, No. 8 | | 3 | |

**Note No. 1—Order Machine Attachments through same channels as complete machine is ordered.**
**Note No. 2—Order attachments (not marked Machine Attachments) through regular service parts channel.**

# ATTACHMENTS

| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D |
|---|---|---|---|---|
| | | **ELECTRIC LIGHTING (Special)—Continued** | | |
| | | **(Bosch No-Battery Generator)** | | |
| | | **(For Tractors not equipped with Electric Starting Equipment)** | | |
| 130898 H | 11 | Dimmer Switch (Delco-Remy No. 1997008) | | |
| | | (Will Work for 36625 HA) | TDR 8551 up | 1 |
| | | Cap Screw, 1/4 x 1-1/2" N.F. Hex Head | | 2 |
| | | Screw No. 8 - 32 x 5/16" Round Head | | 3 |
| | | Lockwasher, 1/4" | | 2 |
| | | Lockwasher No. 8 | | 3 |
| 38898 D | 12 | Dimmer Switch Resistance Coil (Delco-Remy No. 816869) | | 1 |
| 27248 H | 13 | Loom Clip, 5/16" - for 3/8" Bolt | | 1 |
| 32663 D | 14 | Double Loom Clip, 1/4" - for 5/8" Bolt | | 1 |
| 52442 DX | 15 | Generator to Fuse Cable with Loom, Complete | | 1 |
| 39018 DX | 16 | Switch to Junction Block Cable with Loom, Complete | | 1 |
| 27387 D | 17 | Double Loom Clip, 1/4" - for 3/8" Bolt | | 2 |
| | | Cap Screw, 3/8 x 1" N.F. Hex. Head | | 2 |
| | | Hex. Nut, 3/8" N.F. | | 2 |
| | | Lockwasher, 3/8" | | 2 |
| 39755 DX | 18 | Junction Block to Right Head Lamp Cable with Loom, Complete | | |
| | | (Not Tractors with Bull Dozer) | | 1 |
| 47925 D | 19 | Head Lamp, R.H. (Guide No. 534 - D)(6 - 8 Volt) | | |
| | | (Not Tractors with Bull Dozer)(See Detail List for Service Parts) | | 1 |
| 30699 DX | 20 | Junction Block to Left Head Lamp Cable with Loom, Complete | | |
| | | (Not Tractors with Bull Dozer) | | 1 |
| 47924 D | 21 | Head Lamp, L.H. (Guide No. 534-C)(6-8 Volt) | | |
| | | (Not Tractors with Bull Dozer)(See Detail List for Service Parts) | | 1 |
| 1627 Y | 22 | Radiator Grill Grommet (Not Tractors with Bull Dozers) | | 2 |
| 31694 H | 23 | Radiator Core Spacer Grommet (Not Tractors with Bull Dozer) | | |
| | | (134200 H Will Work) | | 2 |
| 134200 H | 23 | Radiator Core Spacer Grommet (Not for Tractors with Bull Dozer) | | |
| | | (Will Work for 31694 H) | | 2 |
| 50654 D | 24 | Generator (Bosch) | | 1 |
| | | Cap Screw, 5/16 x 1-3/8" N.F. Hex. Head | | 1 |
| | | Cap Screw, 3/8 x 1-3/4" N.C. Hex. Head | | 4 |
| | | Hex. Nut, 5/16" N.F. | | 1 |
| | | Lockwasher, 5/16" | | 1 |
| | | Lockwasher, 3/8" | | 4 |
| 30693 DX | 25 | Junction Block to Right Head Lamp Cable with Loom, Complete | | |
| | | (Tractors with Bull Dozer) | | 1 |
| 47926 D | 26 | Head Lamp (Guide No. 534 - G)(6 - 8 Volt) | | |
| | | (Tractors with Bull Dozer)(See Detail List for Service Parts) | | 2 |
| 49186 DX | 27 | Junction Block to Left Head Lamp Cable with Loom, Complete | | |
| | | (Tractors with Bull Dozer) | | 1 |
| 1627 Y | 28 | Hood Grommet (Tractor with Bull Dozer) | | 2 |

| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D | |
|---|---|---|---|---|---|
| | | **ELECTRIC LIGHTING (Special)—Continued** | | | |
| | | **(Bosch No-Battery Generator)** | | | |
| | | **(For Tractors not equipped with Electric Starting Equipment)** | | | |
| 8054 D | | GENERATOR BRACKET | | 1 | |
| | | CAP SCREW, 7/16 x 1-1/4" N.C. HEX. HEAD | | 2 | |
| | | LOCKWASHER, 7/16" | | 2 | |
| 22080 D | | TAIL LAMP BRACKET | | 1 | |
| | | CAP SCREW, 3/8 x 3/4" N.F. HEX. HEAD | | 2 | |
| | | HEX. NUT, 3/8" N.F. | | 2 | |
| | | LOCKWASHER, 3/8" | | 2 | |
| 27404 D | | TAIL LAMP, 29645 H WITH PLUG, 27595 D | | | |
| | | (SEE DETAIL LIST FOR SERVICE PARTS) | | 1 | |
| 27595 D | | TAIL LAMP PLUG, COMPLETE | | 1 | |
| 27618 D | | CABLE LOOM CLAMP RING | | 2 | |
| 28322 D | | JUNCTION BLOCK TO LEFT HEAD LAMP CABLE LOOM | | | |
| | | (NOT TRACTORS WITH BULL DOZER) | | 1 | |
| 30420 D | | FUSE TO JUNCTION BLOCK CABLE LOOM | | 1 | |
| 30422 D | | JUNCTION BLOCK TO RIGHT HEAD LAMP CABLE LOOM | | | |
| | | (TRACTORS WITH BULL DOZER) | | 1 | |
| 38759 D | | SWITCH TO REAR OR TAIL LAMP CABLE LOOM | | 1 | |
| 38761 D | | GENERATOR TO FUSE CABLE LOOM | | 1 | |
| 39019 D | | SWITCH TO JUNCTION BLOCK CABLE LOOM | | 1 | |
| 39019 D | | JUNCTION BLOCK TO LEFT HEAD LAMP CABLE LOOM | | | |
| | | (TRACTORS WITH BULL DOZER) | | 1 | |
| 42921 D | | HEAD LAMP BRACKET | | 2 | |
| | | CAP SCREW, 1/2 x 1" N.C. HEX. HEAD | | 4 | |
| | | LOCKWASHER, 1/2" | | 4 | |
| 42921 D | | REAR LAMP BRACKET | | 1 | |
| | | CAP SCREW, 1/2 x 1" N.F. HEX. HEAD | | 2 | |
| | | HEX. NUT, 1/2" N.F. | | 2 | |
| | | LOCKWASHER, 1/2" | | 2 | |
| 42916 D | | JUNCTION BLOCK BRACKET | | 2 | |
| 49652 D | | JUNCTION BLOCK TO RIGHT HEAD LAMP CABLE LOOM | | | |
| | | (NOT TRACTORS WITH BULL DOZER) | | 1 | |
| 50655 D | | GENERATOR HEAT SHIELD WITH BRACES | | 1 | |
| | | CAP SCREW, 3/8 x 3/4" N.C. HEX. HEAD | | 2 | |
| | | LOCKWASHER, 3/8" | | 2 | |
| 7494 H | | DASH LAMP BULB (MAZDA NO. 63) | | 1 | |
| 21602 H | | GENERATOR COUPLING (DELCO-REMY NO. 1839478) | | 1 | |
| 28500 H | | FUSE TO SWITCH CABLE INSULATING SLEEVE | | 2 | |
| 29645 H | | TAIL LAMP (GUIDE NO. 225 - A)(6 - 8 VOLT) | | | |
| | | (SEE DETAIL LIST FOR SERVICE PARTS) | | 1 | |
| 5569 T | | GENERATOR COUPLING PIN | | 1 | |




Wiring Diagram—Electric Lighting—Special
(Delco-Remy)

# ATTACHMENTS

| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D |
|---|---|---|---|---|
| | | **ELECTRIC LIGHTING (Special)** (Delco-Remy) | | |
| 43042 D | | Electric Lighting Attachment (2 Head Lamps and 1 Rear Lamp) | | |
| | | (Machine Attachment) (See Note No. 1) | | 1 |
| 43043 D | | Electric Lighting Attachment (2 Head Lamps and 1 Rear Lamp) | | |
| | | (Machine Attachment) (Tractors with Bull Dozer) (See Note No. 1) | | 1 |
| 43044 D | | Electric Lighting Attachment (2 Head Lamps and 1 Tail Lamp) | | |
| | | (Machine Attachment) (See Note No. 1) | | 1 |
| 43045 D | | Electric Lighting Attachment (2 Head Lamps and 1 Tail Lamp) | | |
| | | (Machine Attachment) (Tractors with Bull Dozer) (See Note No. 1) | | 1 |
| 43046 D | | Electric Lighting Attachment (1 Head Lamp and 1 Rear Lamp) | | |
| | | (Machine Attachment) (See Note No. 1) | | 1 |
| 43047 D | | Electric Lighting Attachment (1 Head Lamp and 1 Rear Lamp) | | |
| | | (Machine Attachment) (Tractors with Bull Dozer) (See Note No. 1) | | 1 |
| 43035 DA | 1 | Rear Lamp | | 1 |
| | 2 | Cable (Switch to Rear Lamp) | | 1 |
| 10439 V | 3 | Loom Clip, 3/16" - for 3/8" Bolt (10789 V will work) | TDR 501 to 1653 | 3 |
| | | | TDR 1654 to 8650 | 1 |
| 10439 VA | 3 | Loom Clip, 3/16" - for 3/8" Bolt | TDR 8651 up | 1 |
| 10789 V | 3 | Loom Clip, 7/16" - for 3/8" Bolt (Will work for 10439 V) | TDR 1654 up | 2 |
| 30466 D | 4 | Battery (See Battery) | | 2 |
| 55468 D | 4 | Battery (See Battery) | | |
| 42383 D | 5 | Ammeter | | 1 |
| | 6 | Cable (Generator to Ammeter) | | 1 |
| | 7 | Cable (Switch to Junction Block) | | 1 |
| 42918 D | 8 | Dash Lamp (Order 65534 D) | | 1 |
| | | Machine Bolt, No. 6 - 32 x 1/2" | | 1 |
| | | Hex. Nut, No. 6 - 32 | | 1 |
| | | Lockwasher, No. 6 | | 1 |
| 59175 D | 8 | Dash Lamp (Order 65534 D) | | 1 |
| 65534 D | 8 | Dash Lamp (12 Volts) (Will work for 42918 D and 59175 D) | | 1 |
| 42922 DX | 9 | Lighting Switch (See Switches) (57311 DY will work) | | |
| 57311 D | 9 | Lighting Switch (See Switches) | | |
| 28499 H | 10 | Ammeter to Switch Cable Insulator (Order 45027 H) | | 2 |
| 45027 H | 10 | Ammeter to Switch Cable Insulator (Will work for 28499 H) | | 2 |
| | 11 | Cable (Starting Switch to Ammeter) | | 1 |
| 30436 D | 12 | Ammeter to Switch Cable | | 1 |
| 38411 D | 13 | Loom Clip, 3/8" - for 3/8" Bolt | TDR 501 to 1653 | 2 |
| | 14 | Cable (Switch to Rear Lamp) | | 1 |
| | 15 | Cable (Generator Field to Switch) | | 1 |
| 42920 D | 16 | Lighting Cable Harness, Complete (59184 D will work) | TDR 501 to 566 | 1 |
| 49167 D | 16 | Lighting Cable Harness, Complete (59184 D will work) | TDR 567 to 1653 | 1 |
| 59184 D | 16 | Lighting Cable Harness, Complete | | |
| | | (Will work for 42920 D and 49167 D) | TDR 1654 up. | 1 |
| 30665 D | 17 | Loom Clip, 1/4" - for 5/8" Bolt | TDR 501 to 3910 | |
| 61271 D | 17 | Loom Clip 1/4" for 5/8" Bolt | TDR 3811 up | 1 |
| 50585 D | 18 | Generator (See Generator) | | |
| 27386 D | 19 | Loom Clip, 1/4" - for 3/8" Bolt | TDR 501 to 8650 | 1 |
| 62302 D | 19 | Loom Clip 1/4" for 1/2" Bolt | TDR 8651 up | 1 |

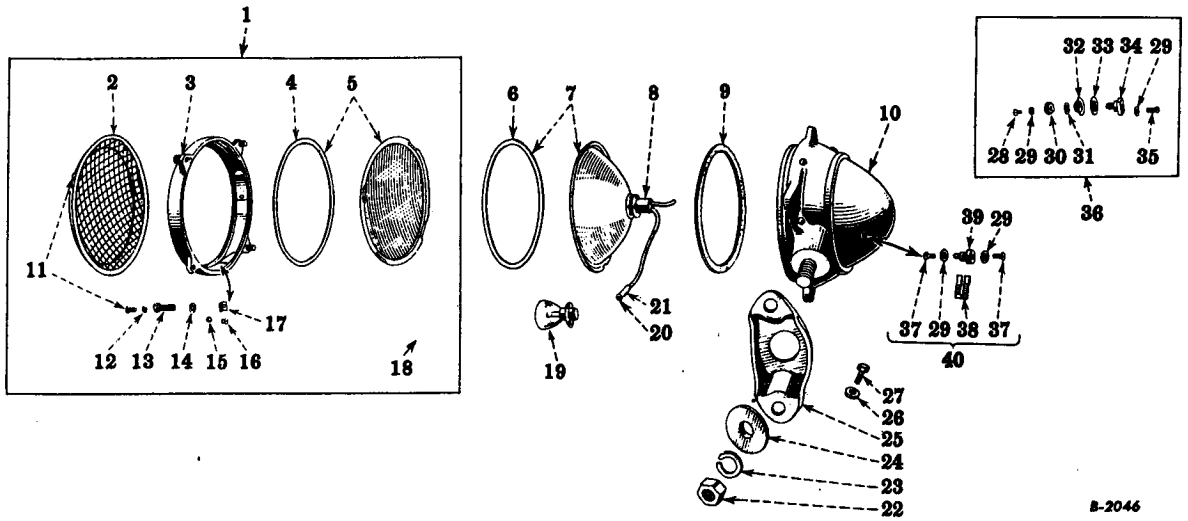
**Note No. 1—Order Machine Attachments through same channels as complete machine is ordered.**
**Note No. 2—Order attachments (not marked Machine Attachments) through regular service parts channel.**

# ATTACHMENTS

| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D | |
|---|---|---|---|---|---|
| | | **ELECTRIC LIGHTING (Special)** (Delco-Remy) | | | |
| | 20 | Battery Terminal | | 1 | |
| | 21 | Mounting Screw | | 1 | |
| | 22 | Generator Terminal | | 1 | |
| 28322 D | 23 | Left Head Lamp Cable Loom (Not Tractors with Bull Dozer) | TDR 501 to 566 | 1 | |
| 30422 D | 23 | Left Head Lamp Cable Loom (Not Tractors with Bull Dozer) | TDR 501 to 566 | 1 | |
| 30693 DX | 23 | Left Head Lamp Cable with Loom, Complete | | | |
| | | (Not Tractors with Bull Dozer) | TDR 501 to 566 | 1 | |
| 30699 DX | 23 | Left Head Lamp Cable with Loom, Complete | | | |
| | | (Not Tractors with Bull Dozer) | TDR 567 up | 1 | |
| 42923 DA | 24 | Head Lamp, L.H. (Guide No. 534 E)(12 - 16 Volts) | | | |
| | | (Not Tractors with Bull Dozer) | | | |
| | | (See Detail List for Service Parts) | | 1 | |
| 27618 D | 25 | Head Lamp Cable Loom Clamp Ring | | 4 | |
| 42919 D | 26 | Rear Lamp Cable Conduit | TDR 501 to 1653 | 1 | |
| 27386 D | 27 | Rear Lamp Cable Conduit Clip (Will Work for 27388 D) | TDR 501 to 8650 | 1 | |
| 27388 D | 27 | Rear Lamp Cable Conduit Clip (Order 27386 D) | TDR 501 to 8650 | 1 | |
| 62302 D | 27 | Rear Lamp Cable Coundit Clip | TDR 8651 up | 1 | |
| 42833 D | 28 | Cable (Battery to Ground)(See Wiring) | | 1 | |
| 38100 D | 29 | Battery to Battery Cable Clip (See Wiring Diagram) | | 2 | |
| 41906 D | 30 | Cable (Battery to Battery)(See Wiring Diagram) | | 1 | |
| 42914 D | 31 | Rear Lamp Cable Clip | | 2 | |
| 10815 V | 32 | Fuse, 10 Ampere (No. 3 AC-10) | | 1 | |
| 64931 H | 33 | Starting Switch (See Switches) | | | |
| 41908 DA | 34 | Cable (Starting Switch to Battery)(See Wiring Diagram) | | 1 | |
| 27248 H | 35 | Loom Clip, 1/4" - for 3/8" Bolt | | 1 | |
| 41909 D | 36 | Cable (Starting Switch to Starting Motor)(See Wiring Diagram) | | 1 | |
| 27385 D | 37 | Loom Clip, 1/4" - for 3/8" Bolt | TDR 501 to 8650 | 12 | |
| 60938 D | 37 | Loom Clip 1/4 for 3/8" Bolt | TDR 8651 up | 14 | |
| 42999 D | 38 | Starting Motor (See Wiring) | | | |
| | 39 | Cable (Switch to Head Lamp) | | 1 | |
| 42916 D | 40 | Head Lamp Cable Junction Block Bracket | | 1 | |
| 31694 H | 41 | Radiator Core Spacer Grommet (134200 H Will Work) | | 4 | |
| 134200 H | 41 | Radiator Core Spacer Grommet (31694 H Will Work) | | 4 | |
| 1627 Y | 42 | Radiator Grille Grommet | | 2 | |
| 42915 D | 43 | Head Lamp Cable Junction Block | | 1 | |
| | | Screw, No. 10 - 24 x 1/2" Round Head | | 1 | |
| | | Hex. Nut, No. 10 - 24 | | 1 | |
| | | Lockwasher, No. 10 | | 1 | |

# ATTACHMENTS

| PART NUMBER | REF. NO. | DESCRIPTION | SERIAL NUMBER | NO. REQ'D | |
|---|---|---|---|---|---|
| | | **ELECTRIC LIGHTING (Special)—Continued** | | | |
| | | **(Delco-Remy)** | | | |
| 42917 D | 43 | Head Lamp Cable Junction Block, 42915 D with Bracket, 42916 D | | 1 | |
| 28433 D | 44 | Right Head Lamp Cable Loom (Not Tractors with Bull Dozer) | | 1 | |
| 28438 D | 44 | Right Head Lamp Cable Loom (Not Tractors with Bull Dozer) | TDR 501 to 566 | 1 | |
| 31522 DX | 44 | Right Head Lamp Cable, Complete | | | |
| | | (Not Tractors with Bull Dozer) | TDR 501 to 566 | 1 | |
| 54079 DX | 44 | Right Head Lamp Cable with Loom, Complete | | | |
| | | (Not Tractors with Bull Dozer) | | 1 | |
| 42924 D | 45 | Head Lamp, R.H. (Guide No. 534 F)(12 - 16 Volt) | | | |
| | | (Not Tractors with Bull Dozer) | | | |
| | | (See Detail List for Service Parts) | | 1 | |
| 30423 D | 46 | Left Head Lamp Cable Loom (Tractors with Bull Dozer) | TDR 501 to 566 | 1 | |
| 39019 D | 46 | Left Head Lamp Cable Loom (Tractors with Bull Dozer) | TDR 567 up | 1 | |
| 43041 DX | 46 | Left Head Lamp Cable with Loom, Complete | | | |
| | | (Tractors with Bull Dozer) | TDR 501 to 566 | 1 | |
| 49186 DX | 46 | Left Head Lamp Cable with Loom, Complete | | | |
| | | (Tractors with Bull Dozer) | TDR 567 up | 1 | |
| 28322 D | 47 | Right Head Lamp Cable Loom (Tractors with Bull Dozer) | TDR 567 up | 1 | |
| 30422 D | 47 | Right Head Lamp Cable Loom (Tractors with Bull Dozer) | TDR 567 up | 1 | |
| 30693 DX | 47 | Right Head Lamp Cable with Loom, Complete | | | |
| | | (Tractors with Bull Dozer) | TDR 567 up | 1 | |
| 30699 DX | 47 | Right Head Lamp Cable with Loom, Complete | | | |
| | | (Tractors with Bull Dozer) | TDR 501 to 566 | 1 | |
| 1627 Y | 48 | Hood Grommet | | 2 | |
| 43035 DA | 49 | Head Lamp, L.H. and R.H. (Guide No. 534 H) | | | |
| | | (12 - 16 Volts)(Tractors with Bull Dozer) | | | |
| | | (See Detail List for Service Parts) | | 2 | |
| | | | | | |
| | | | | | |
| 22080 D | | Tail Lamp Bracket (See Detail List of Tail Lamp) | | 1 | |
| | | Cap Screw, 3/8 x 3/4" N.F. Hex. Head | | 2 | |
| | | Hex. Nut, 3/8" N.F. | | 2 | |
| | | Lockwasher, 3/8" | | 2 | |
| | | | | | |
| | | | | | |
| 27595 D | | Tail Lamp Plug | | 1 | |
| | | | | | |
| | | | | | |
| 38087 D | | Tail Lamp, 29971 H with Plug, 27595 D | | | |
| | | (See Detail List for Service Parts) | | 1 | |
| | | | | | |
| | | | | | |
| 42921 D | | Head Lamp Bracket | | 2 | |
| | | Cap Screw, 1/2 x 1" N.C. Hex. Head | | 4 | |
| | | Lockwasher, 1/2" | | 4 | |
| 42921 D | | Rear Lamp Bracket | | 1 | |
| | | Cap Screw, 1/2 x 1" N.F. Hex. Head | | 2 | |
| | | Hex. Nut, 1/2" N.F. | | 2 | |
| | | Lockwasher, 1/2" | | 2 | |
| | | | | | |
| | | | | | |
| 29939 H | | Dash Lamp Bulb (Mazda No. 67) | | 1 | |
| 29971 H | | Tail Lamp (Guide No. 225 A)(12 - 16 Volt) | | | |
| | | (See Detail List for Service Parts) | | 1 | |
| | | | | | |
| | | | | | |
| | | | | | |




## HEAD AND REAR LAMP

*Reference numbers only are shown in illustration. Use I H C part numbers in ordering.*
*Unnumbered parts in the illustrations are the same as corresponding parts shown with numbers.*

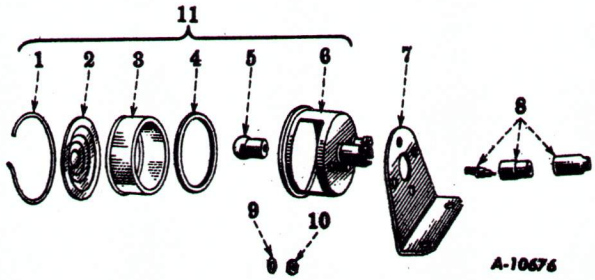
### ELECTRIC LIGHTING (Special)
### HEAD LAMPS AND REAR LAMPS
(Guide Lamp Corporation)

| | | | | | |
|---|---|---|---|---|---|
| 51888 D | 1 | 923754 | Head and Rear Lamp Door Guard, Complete with Lens | 1 | |
| 51891 D | 2 | 923756 | Head and Rear Lamp Lens Guard, Complete | 1 | |
| 51889 D | 3 | 923755 | Head and Rear Lamp Door | 1 | |
| | 14 | 103319 | Lockwasher, 1/4" | 4 | |
| 51970 D | 4 | 921636 | Head and Rear Lamp Lens Gasket | 1 | |
| 69372 D | 4 | 5935246 | Head and Rear Lamp Lens Gasket | 1 | |
| 50784 D | 5 | 921634 | Head and Rear Lamp Lens with Gasket, 51970 D | 1 | |
| | | | | | |
| | | | | | |
| | | | | | |
| 79398 D | 6 | 921789 | Head and Rear Lamp Reflector Gasket | 1 | |
| 51894 D | 7 | 924079 | Head and Rear Lamp Reflector (Order 65401 D) | 1 | |
| 65401 D | 7 | 5931286 | Head and Rear Lamp Reflector W/ Gasket 79398 D | | |
| | | | (Will Work for 51894 D) (69471 D Will Work) | 1 | |
| 69491 D | 7 | 5935478 | Head and Rear Reflector W/ Gasket 79398 D | | |
| | | | (65401 D Will Work) (Will Work for 51894 D) | 1 | |
| | | | | | |
| | | | | | |
| | | | | | |
| 51893 D | 8 | 924023 | Head and Rear Lamp Socket, Complete with Wire | 1 | |
| 51892 D | 9 | 921638 | Head and Rear Lamp Door Seal Gasket (Order 68418 D) | 1 | |
| 68418 D | 9 | 5935245 | Head and Rear Lamp Door Gasket | | |
| | | | (Will Work for 51892 D) | 1 | |
| 51887 D | 10 | 921627 | Head and Rear Lamp Body, Complete | 1 | |
| | 22 | 121358 | Hex. Nut, 5/8" N.F. | 1 | |
| | 23 | 103325 | Lockwasher, 5/8" | 1 | |
| | | | | | |

# ATTACHMENTS

| I H C PART NUMBER | REF. NO. | MFR'S. NUMBER | DESCRIPTION | SERIAL NUMBER | NO. REQ'D | |
|---|---|---|---|---|---|---|
| | | | **ELECTRIC LIGHTING (Special)—Continued** | | | |
| | | | **HEAD LAMPS AND REAR LAMPS** | | | |
| | | | **(Guide Lamp Corporation)** | | | |
| 69848 D | 11 | 175160 | HEAD AND REAR LAMP DOOR SCREW | | 4 | |
| 69395 D | 11 | 132691 | SCREW, No. 6 - 32 x 3/8" ROUND HEAD | | 4 | |
| 41229 H | 12 | | HEAD AND REAR LAMP LENS GUARD RETAINING SCREW WASHER | | | |
| | | | (SHAKEPROOF No. 1206) | | 1 | |
| 69848 D | 13 | 175160 | DOOR RETAINING SCREW | | 4 | |
| | 14 | | FOLLOWS REFERENCE No. 3 | | | |
| | 15,16 | | FOLLOWS REFERENCE No. 17 | | | |
| 51898 D | 17 | 924753 | HEAD AND REAR LAMP LENS LOCATING CLIP (ORDER 69371 D) | | 1 | |
| | 16 | 132684 | SCREW, No. 6 - 32 x 3/16" OVAL HEAD | | 1 | |
| | 15 | 106495 | LOCKWASHER, No. 6 | | 1 | |
| 69371 D | 17 | 921633 | HEAD AND REAR LAMP LENS LOCATING CLIP | | | |
| | | | (WILL WORK FOR 51898 D) | | 1 | |
| 50539 H | 18 | 914255 | HEAD AND REAR LAMP LENS RETAINING SPRING | | 1 | |
| 66339 H | 19 | | HEAD AND REAR LAMP BULB, 6 - 8 VOLT, 32 - 21 C.P., | | | |
| | | | DOUBLE CONTACT (MAZDA No. 2320) (120984 H WILL WORK) | | 1 | |
| 66340 H | 19 | | HEAD AND REAR LAMP BULB, 12 - 16 VOLT, | | | |
| | | | 32 - 21 C.P., DOUBLE CONTACT (MAZDA No. 2326) | | 1 | |
| 120948 H | 19 | | HEAD AND REAR LAMP BLUB DOUBLE CONTACT | | | |
| | | | (MAZDA 2330) (WILL WORK FOR 66339 H) | | 1 | |
| 27640 H | 20 | 1867662 | WIRE TERMINAL (HEAD AND REAR LAMP) | | 1 | |
| 68084 D | 21 | 804463 | HEAD AND REAR LAMP INSULATING SLEEVE | | 1 | |
| | 22,23 | | FOLLOWS REFERENCE No. 10 | | | |
| 36273 D | 24 | 121373 | HEAD AND REAR LAMP BRACKET BEARING WASHER | | 1 | |
| 42921 D | 25 | | HEAD LAMP BRACKET | | 2 | |
| | 27 | | CAP SCREW, 1/2 x 1" N.C. HEX. HEAD | | 2 | |
| | 26 | | LOCKWASHER, 1/2" | | 2 | |
| 42921 D | 25 | | REAR LAMP BRACKET | | 1 | |
| | 27 | | CAP SCREW, 1/2 x 1" N.F. HEX. HEAD | | 2 | |
| | | | HEX. NUT, 1/2" N.F. | | 2 | |
| | 26 | | LOCKWASHER, 1/2" | | 2 | |
| | 28,29 | | FOLLOWS REFERENCE No. 34 | | | |
| 37077 D | 29 | 138530 | HEAD AND REAR LAMP TERMINAL LOCKWASHER (ORDER 48716 H) | | | |
| | | | (SHAKEPROOF No. 1208) | | 1 | |
| 48716 H | 29 | 138530 | HEAD AND REAR LAMP TERMINAL, LOCKWASHER | | | |
| | | | (SHAKEPROOF No. 1218) (WILL WORK FOR 37077 D) | | 2 | |
| 37063 D | 30 | 134556 | HEAD AND REAR LAMP TERMINAL NUT | | 2 | |
| 37072 D | 32 | 918652 | HEAD AND REAR LAMP TERMINAL CUP WASHER | | 1 | |
| 37075 D | 33 | 918653 | HEAD AND REAR LAMP TERMINAL INSULATING WASHER | | 1 | |
| 37064 D | 34 | 918651 | HEAD AND REAR LAMP TERMINAL PLATE (ORDER 68417 D) | | 1 | |
| | 28 | 115598 | SCREW, No. 8 - 32 x 1/4" ROUND HEAD (ORDER 37536 H) | | 1 | |
| | 35 | 115598 | SCREW, No. 8 - 32 x 1/2" ROUND HEAD (ORDER 37536 H) | | 1 | |
| | 29 | 112723 | LOCKWASHER, 5/16" | | 2 | |
| 51895 D | 36 | 924021 | HEAD AND REAR LAMP TERMINAL PLATE, COMPLETE (ORDER 68417 D) | | 1 | |

| I H C PART NUMBER | REF. NO. | MFR'S. NUMBER | DESCRIPTION | SERIAL NUMBER | NO. REQ'D | |
|---|---|---|---|---|---|---|
| | | | **ELECTRIC LIGHTING (Special)—Continued** | | | |
| | | | **HEAD LAMPS AND REAR LAMPS** | | | |
| | | | **(Guide Lamp Corporation)** | | | |
| 37356 H | 37 | 121749 | HEAD AND REAR LAMP SCREW (No. 8 - 32 x 5/16" ROUND HEAD) | | | |
| | | | (WILL WORK FOR No. 8 - 32 x 1/4" AND No. 8 - 32 x 1/2") | | 1 | |
| | 38 | 922785 | TERMINAL SPRING (ORDER 68417 D) | | 1 | |
| | 39 | 922786 | HEAD LAMP TERMINAL PLATE (ORDER 68417 D) | | 1 | |
| 68417 D | 40 | 5935509 | HEAD AND REAR LAMP TERMINAL, COMPLETE | | | |
| | | | (WILL WORK FOR 37064 D, 51895 D) | | 1 | |
| 42923 DA | | 917661 | HEAD LAMP, L.H. (12 - 16 VOLT) (GUIDE MODEL 534 E) | | 1 | |
| 42924 DA | | 917662 | HEAD LAMP, R. H. (12 - 16 VOLT) (GUIDE MODEL 534 F) | | 1 | |
| 43035 DA | | 917669 | HEAD LAMP, L.H. AND R.H. (12 - 16 VOLT) (GUIDE MODEL 534 H) | | 2 | |
| 43035 DA | | | REAR LAMP (12 - 16 VOLT) | | 1 | |
| 47924 DA | | 917659 | HEAD LAMP, L.H. (6 - 8 VOLT) (GUIDE MODLE 534 C) | | 1 | |
| 47925 DA | | 917660 | HEAD LAMP, R.H. ( 6 - 8 VOLT) (GUIDE MODLE 534 D) | | 1 | |
| 47926 DA | | 917668 | HEAD LAMP, L.H. AND R.H. (6 - 8 VOLT) (GUIDE MODLE 534 G) | | 2 | |
| 47926 DA | | | REAR LAMP (6 - 8 VOLT) | | 1 | |
| 37356 H | | 121749 | HEAD AND REAR LAMP GROUND SCREW | | 1 | |
| 47834 H | | 120622 | HEAD AND REAR LAMP GROUND SCREW NUT | | 1 | |
| 104562 H | | | HEAD AND REAR LAMP GROUND LOCKWASHER | | 1 | |




*Reference numbers only are shown in illustration. Use I H C part numbers in ordering.*

**TAIL LAMP**
**(Guide Lamp Corporation)**

| | | | | |
|---|---|---|---|---|
| 11251 V | 1 | | TAIL LAMP LENS RETAINING SPRING RING | 1 |
| 16603 H | 2 | 911505 | TAIL LAMP GLASS (RUBY) | 1 |
| 16661 H | 3 | 911506 | TAIL LAMP OUTLOOK GLASS (CLEAR) | 1 |
| 16662 H | 4 | 911502 | TAIL LAMP OUTLOOK GLASS CORK WASHER | 1 |
| 7494 H | 5 | | TAIL LAMP BULB, 6 - 8 VOLT, 3 C.P., SINGLE CONTACT | |
| | | | (MAZDA NO. 63) | 1 |
| 29939 H | 5 | | TAIL LAMP BULB, 12 - 16 VOLT, 3 C.P., SINGLE CONTACT | |
| | | | (MAZDA NO. 67) | 1 |
| 16660 H | 6 | 911500 | TAIL LAMP BODY, COMPLETE | 1 |
| | 10 | | HEX. NUT, 1/4" N.F. | 2 |
| | 9 | | LOCKWASHER, 1/4" | 2 |
| 22080 D | 7 | | TAIL LAMP BRACKET | 1 |
| | | | CAP SCREW, 3/8 x 3/4" N.F. HEX. HEAD | 2 |
| | | | HEX. NUT, 3/8" N.F. | 2 |
| | | | LOCKWASHER, 3/8" | 2 |
| 27595 D | 8 | | TAIL LAMP PLUG, COMPLETE | 1 |
| | 9 | | FOLLOWS REFERENCE NO. 6 | |
| | 10 | | FOLLOWS REFERENCE NO. 6 | |
| 29645 H | 11 | 225-A | TAIL LAMP (6 - 8 VOLT) | 1 |
| 29971 H | 11 | 225-A | TAIL LAMP (12 - 16 VOLT) | 1 |
| 27404 D | | | TAIL LAMP, 29645 H WITH PLUG, 27595 D | 1 |
| 38087 D | | | TAIL LAMP, 29971 H WITH PLUG, 27595 D | 1 |

# DETAILS OF ASSEMBLY

## DETAILS OF ASSEMBLY

| PART NUMBER | DESCRIPTION | NO. USED PER ASSEMBLY |
|---|---|---|
| 2546 DBYC | MAGNETO FRAME, COMPLETE | |
| § 2546 DBXC | MAGNETO FRAME | 1 |
| 21319 D | MAGNETO FRAME COVER GASKET | 1 |
| 30378 D | MAGNETO FELT RETAINER OUTER | 1 |
| 30379 D | MAGNETO FELT RETAINER INNER | 1 |
| § 47424 D | DISTRIBUTOR BEARING DOWEL | 3 |
| E4 226 | MAGNETO BEARING FELT | 1 |
| E4A 352 | ROTOR SHAFT BEARING OUTER RACE | 1 |
| OR | | |
| ST 601 | ROTOR SHAFT BEARING OUTER RACE (I.H.C. PREFERRED) | 1 |
| | | |
| | | |
| | | |
| 2547 DX | MAGNETO FRAME COVER, COMPLETE | |
| § 2547 D | MAGNETO FRAME COVER | 1 |
| § 21320 D | OIL HOLE TUBE | 1 |
| 21328 DX | DISTRIBUTOR BEARING OILER WITH FELT | 1 |
| E4-295 | REAR BEARING OILER | 1 |
| E4A-576 | REAR BEARING OILER FELT | 1 |
| | | |
| | | |
| | | |
| 2548 DAY | BREAKER HOUSING, COMPLETE | |
| § 2548 DAX | BREAKER HOUSING, COMPLETE | 1 |
| 21330 D | BEARING FELT RETAINER | 1 |
| 21443 DX | BREAKER STOP, COMPLETE | 1 |
| 21444 D | BREAKER STOP GASKET | 1 |
| E4-216 | FRONT BEARING OILER FELT | 2 |
| E4-226 | BEARING FELT | 1 |
| E4-295 | FRONT BEARING OILER | 2 |
| E4A-352 | ROTOR SHAFT BEARING OUTER RACE | 1 |
| OR | | |
| ST 601 | ROTOR SHAFT BEARING OUTER RACE (IHC) | 1 |
| | SLOTTED SCREW, No. 5 - 40 x 3/16" ROUND HEAD - THRU BREAKER STOP | 2 |
| | | |
| | | |
| | | |
| 2551 DAY - 6 | DISTRIBUTOR BEARING, COMPLETE | |
| § 2551 DAX6 | DISTRIBUTOR BEARING | 1 |
| 21353 D | DISTRIBUTOR BEARING SHIM | 3 |
| 21466 D | DISTRIBUTOR BEARING SHIM | 1 |
| 38041 D | DISTRIBUTOR BEARING FELT | 1 |
| | | |
| | | |
| | | |
| 5006 DAX | INJECTION PUMP DRIVE SHAFT HOUSING CAP, COMPLETE | 1 |
| § 5006 DA | INJECTION PUMP DRIVE SHAFT HOUSING CAP | 1 |
| 32343 D | INJECTION PUMP DRIVE FELT RETAINER | 1 |
| 32362 D | INJECTION PUMP DRIVE FELT | 1 |
| 12480 L | INJECTION PUMP DRIVE OIL SEAL | 1 |
| | | |
| | | |
| | | |
| 5008 DCX | WATER PUMP IMPELLER, COMPLETE | |
| 5008 DC | WATER PUMP IMPELLER | 1 |
| § 20298 DA | WATER PUMP IMPELLER GEAR THRUST WASHER | 1 |
| § 32355 DB | WATER PUMP SHAFT | 1 |
| | | |
| | | |

§ - NOT SUPPLIED SEPARATELY

| PART NUMBER | DESCRIPTION | NO. USED PER ASSEMBLY |
|---|---|---|
| 5086 DX | IMPULSE COUPLING COVER, COMPLETE | |
| § 5086 D | IMPLUSE COUPLING COVER | 1 |
| 27311 D | IMPLUSE COUPLING OILER | 1 |
| 1 004 002 R1 | IMPLUSE COUPLING COVER LEAFLET (PER ZG 3667) | 1 |
| | | |
| | | |
| | | |
| 5518 DBMX | AIR COMPRESSOR DRIVE SHAFT, COMPLETE | |
| 5518 DM | AIR COMPRESSOR DRIVE SHAFT | 1 |
| 20290 D | AIR COMPRESSOR DRIVE SHAFT OIL SEAL | 1 |
| 38017 DM | AIR COMPRESSOR DRIVE SHAFT FELT WASHER | 1 |
| 38018 DM | AIR COMPRESSOR DRIVE SHAFT FELT RETAINER | 1 |
| 38019 DM | AIR COMPRESSOR DRIVE SHAFT BUSHING 1/2" STUD PIPE | 2 |
| | | |
| | | |
| | | |
| 5714 DDX | STEERING CLUTCH DRUM, COMPLETE | |
| 5714 DD | STEERING CLUTCH DRUM | 1 |
| 53389 D | STEERING CLUTCH PILOT BALL BEARING | 1 |
| 53742 DA | STEERING CLUTCH PILOT BEARING SPACER | 1 |
| 54652 D | STEERING CLUTCH PILOT BEARING LUBRICATOR PIPE | 1 |
| Q 3618 | STEERING CLUTCH PILOT BEARING LUBRICATOR | 1 |
| | | |
| | | |
| | | |
| 5734 DY | TRACK ROLLER CARRIER SET, COMPLETE | |
| § 5734 DX | TRACK ROLLER CARRIER WITH 2 BUSHINGS | 2 |
| 40992 DA | TRACK ROLLER OIL SEAL | 2 |
| 40993 D | TRACK ROLLER FELT WASHER, OUTER | 2 |
| 41404 DAX | TRACK ROLLER CARRIER THRUST WASHER (SET OF 2) | 2 |
| 41405 DA | TRACK ROLLER FELT WASHER, INNER | 2 |
| 41406 D | TRACK ROLLER CARRIER SNAP RING | 2 |
| 41408 D | TRACK ROLLER FELT WASHER, CENTER | 2 |
| | | |
| | | |
| | | |
| 5900 DKX | MAIN FRAME | |
| 4926 DA | ENGINE CLUTCH COMPARTMENT DRAIN PLUG | 1 |
| § 5900 DJK | MAIN FRAME | 1 |
| 8389 DA | TRANSMISSION SPLINE SHAFT BEARING CAGE REAR | 1 |
| 40932 DA | DRIVE BEVEL GEAR BEARING CAGE STUD | 4 |
| 41162 D | BRAKE PIVOT SHAFT CUP PLUG | 2 |
| 41598 D | ENGINE CLUTCH RELEASE SHAFT BUSHING | 2 |
| 41599 D | STEERING BRAKE LEVER OUTER BUSHING | 4 |
| 41600 D | STEERING BRAKE OPERATING SHAFT PLUG | 2 |
| 41957 D | TRANSMISSION END COVER STUD | 4 |
| 42000 D | STEERING CLUTCH RELEASE SHAFT BUSHING | 2 |
| 46369 D | TRANSMISSION REVERSE IDLER SHAFT PLUG | 1 |
| 57386 D | DRAWBAR GUIDE BRACKET STUD LOWER | 4 |
| 57387 D | DRAWBAR GUIDE BRACKET STUD UPPER | 2 |
| 64810 D | SPROCKET DRIVE CARRIER AND COVER STUDS (SHIPPED LOOSE) | 16 |
| | PIPE PLUG, 1-1/2" COUNTERSUNK HEADLESS | 1 |
| | CORK - SIZE 3 | 2 |
| | CORK - SIZE 5 | 2 |
| | CORK - SIZE 7 | 6 |
| | CORK - SIZE 10 | 6 |
| | CORK - SIZE 17 | 4 |
| | CORK - 1-3/16 x 1-3/8" DIA. x 1" LONG | 1 |

§ - NOT SUPPLIED SEPARATELY

| PART NUMBER | DESCRIPTION | NO. USED PER ASSEMBLY |
|---|---|---|
| 5900 DKY | MAIN FRAME | 1 |
| 5900 DKX | MAIN FRAME | 1 |
| 42707 DBRX | REAR ENGINE SUPPORT | 1 |
| 52415 D | MAIN FRAME SIDE CHANNEL - L.H. | 1 |
| 52416 D | MAIN FRAME SIDE CHANNEL - R.H. | 1 |
| 53899 D | TRANSMISSION SPLINE SHAFT BEARING RETAINER REAR | 2 |
| 62863 D | MAIN FRAME DOWEL BOLT | 4 |
| 64804 D | SPROCKET DRIVE CARRIER TO MAIN FRAME DOWEL PIN | 4 |
| 64805 D | SPROCKET DRIVE COVER TO MAIN FRAME DOWEL PIN | 16 |
| 64809 D | SPROCKET DRIVE CARRIER STUD NUT | 2 |
| | HEX. NUT, 5/8" N.F. | 2 |
| | LOCKWASHER, 5/8" | |
| | | |
| | | |
| 5900 DKZ | MAIN FRAME | 1 |
| 5900 DKX | MAIN FRAME | 1 |
| 42707 DBRX | REAR ENGINE SUPPORT | 1 |
| 52416 DA | MAINE FRAME SIDE CHANNEL - R.H. | 1 |
| 58194 DA | MAIN FRAME SIDE CHANNEL - L.H. | 2 |
| 62863 D | MAIN FRAME DOWEL BOLT | 4 |
| 64804 D | SPROCKET DRIVE CARRIER TO MAIN FRAME DOWEL PIN | 4 |
| 64805 D | SPROCKET DRIVE COVER TO MAIN FRAME. DOWEL PIN | 16 |
| 64809 D | SPROCKET DRIVE CARRIER STUD NUT | 2 |
| | HEX. NUT, 5/8" N.F. | 2 |
| | LOCKWASHER, 5/8" | |
| | | |
| | | |
| 5947 DX | MAGNETO BRACKET, COMPLETE | 1 |
| 5947 D | MAGNETO BRACKET | 2 |
| 32504 D | MAGNETO BRACKET DOWEL | 2 |
| 32506 DA | MAGNETO DRIVE SHAFT BUSHING | 2 |
| | PIPE PLUG, 1/8" | |
| | | |
| | | |
| 5966 DAX | AUTOMATIC TRIP HOUSING, COMPLETE | 1 |
| § 5966 DA | AUTOMATIC TRIP HOUSING | 1 |
| 13090 D | AUTOMATIC TRIP DISC SHAFT PLUG | 1 |
| 42722 D | AUTOMATIC TRIP DRIVE SHAFT BUSHING, UPPER | 1 |
| 42723 D | AUTOMATIC TRIP DRIVE SHAFT BUSHING, LOWER | 1 |
| 42746 D | AUTOMATIC TRIP CONTROL SHAFT OIL SEAL | 1 |
| 48477 D | AUTOMATIC TRIP RETURN SPRING PIN | 1 |
| 23007 V | AUTOMATIC TRIP CONTROL SHAFT PLUG | 1 |
| | PIPE PLUG, 1/4" SLOTTED, HEADLESS | |
| | | |
| | | |
| | | |
| 5967 DAYA | CYLINDER HEAD, FRONT, COMPLETE WITH VALVES AND SPRINGS | 1 |
| 5967 DAXA | CYLINDER HEAD, FRONT, WITH STUDS AND VALVE GUIDES | 6 |
| 18539 D | VALVE STEM RETAINER | 6 |
| 18746 DA | VALVE SPRING LOWER SEAT | 3 |
| 32479 D | STARTING VALVE SPRING | 3 |
| 32482 DB | EXHAUST VALVE | 12 |
| 32485 D | VALVE SPRING COLLAR KEY | 3 |
| 42747 D | INTAKE VALVE | 6 |
| 42748 D | VALVE SPRING UPPER SEAT | 3 |
| 42749 D | STARTING VALVE | 3 |
| 42750 D | STARTING VALVE SPRING RETAINER | 6 |
| 61808 D | VALVE SPRING | 3 |
| | COTTER PIN, 3/32 x 1-1/2", SPRING RETAINER | |

§ - NOT SUPPLIED SEPARATELY

## DETAILS OF ASSEMBLY

| PART NUMBER | DESCRIPTION | NO. USED PER ASSEMBLY |
|---|---|---|
| 5968 DAYA | CYLINDER HEAD, REAR, COMPLETE WITH VALVES AND SPRINGS | |
| 5968 DAX | CYLINDER HEAD, REAR, WITH STUDS AND VALVE GUIDES | 1 |
| 18539 D | VALVE STEM RETAINER | 6 |
| 18746 DA | VALVE SPRING LOWER SEAT | 6 |
| 32479 D | STARTING VALVE SPRING | 3 |
| 32482 DB | EXHAUST VALVE | 3 |
| 32485 D | VALVE SPRING COLLAR KEY | 12 |
| 42747 D | INTAKE VALVE | 3 |
| 42748 DA | VALVE SPRING UPPER SEAT | 6 |
| 42749 D | STARTING VALVE | 3 |
| 42750 D | STARTING VALVE SPRING RETAINER | 3 |
| 61808 D | VALVE SPRING | 6 |
| | COTTER PIN, 3/32 x 1-1/2", SPRING RETAINER | 3 |
| 5970 DX | VALVE HOUSING WITH OIL SEALS AND PLUGS | |
| § 5970 D | VALVE HOUSING | 1 |
| 13083 D | VALVE HOUSING EXPANSION PLUG | 2 |
| 28813 D | VALVE HOUSING CAP SCREW GASKET | 1 |
| 32460 D | VALVE HOUSING OIL SEAL, LARGE | 1 |
| 42760 D | VALVE HOUSING OIL SEAL, SMALL | 1 |
| | CAP SCREW, 5/8 x 3/4" N.C. HEX. HEAD | 1 |
| 5976 DAXA | CRANKCASE FRONT COVER, COMPLETE | |
| § 5976 D | CRANKCASE FRONT COVER | 1 |
| 28940 D | CRANKCASE OIL FILLER STUD | 1 |
| 36797 D | CRANKSHAFT OIL FLINGER TROUGH | 1 |
| 258511 R91 | CRANKSHAFT FRONT OIL SEAL | 1 |
| 5990 DAX | OIL FILTER BASE, COMPLETE | |
| 5990 DA | OIL FILTER BASE | 1 |
| 41747 DX | OIL FILTER BASE RETAINING BAR ADAPTER | 2 |
| | PIPE PLUG 1/8" HEADLESS SLOTTED | 1 |
| 8683 DAX | STEERING CLUTCH HAND LEVER L.H., COMPLETE | |
| § 8683 DA | STEERING CLUTCH LEVER L.H. | 1 |
| 41597 D | STEERING CLUTCH HAND LEVER HANDLE | 1 |
| 42175 D | STEERING CLUTCH HAND LEVER BUSHING | 2 |
| 55377 D | STEERING CLUTCH HAND LEVER ADJUSTING BOLT | 1 |
| | HEX NUT 1/2" N.C. | 1 |
| 8684 DAX | STEERING CLUTCH HAND LEVER R.H., COMPLETE | |
| § 8684 DA | STEERING CLUTCH HAND LEVER R.H. | 1 |
| 41597 D | STEERING CLUTCH HAND LEVER HANDLE | 1 |
| 42175 D | STEERING CLUTCH HAND LEVER BUSHING | 2 |
| 55377 D | STEERING CLUTCH HAND LEVER ADJUSTING BOLT | 1 |
| | HEX NUT 1/2" N.C. | 1 |

§ - NOT SUPPLIED SEPARATELY

## DETAILS OF ASSEMBLY

| PART NUMBER | DESCRIPTION | NO. USED PER ASSEMBLY |
|---|---|---|
| 8906 DEX | CRANKCASE, COMPLETE | |
| § 8906 DE | CRANKCASE | 1 |
| 13062 D | CRANKCASE WATER JACKET PLUG | 4 |
| 25086 DA | FLYWHEEL HOUSING DOWEL PIN | 2 |
| 25087 D | CRANKCASE FRONT COVER DOWEL | 2 |
| 30397 D | CRANKCASE OIL HEADER PIPE PLUG | 4 |
| 32280 DA | CAMSHAFT FRONT BEARING | 1 |
| 32381 D | CAMSHAFT #2 BEARING | 1 |
| 32282 DA | CAMSHAFT #3 BEARING | 1 |
| 32283 D | CAMSHAFT REAR BEARING | 1 |
| 38028 DM | AIR COMPRESSOR OIL METERING PLUG | 2 |
| 39422 D | CRANKSHAFT BEARING CAP STUD NUT WASHER | 16 |
| 39423 D | CRANKSHAFT BEARING CAP STUD NUT | 16 |
| 39810 D | CYLINDER HEAD STUD | 23 |
| 39482 D | AUTOMATIC TRIP HOUSING DOWEL | 2 |
| 42717 D | CYLINDER HEAD STUD, SHORT | 8 |
| 42718 DA | REAR ENGINE SUPPORT STUD | 11 |
| 43113 D | CRANKSHAFT BEARING CAP STUD | 16 |
| 48262 D | LUBRICATOR OIL LEVEL GAUGE SLEEVE | 1 |
| 50410 DA | OIL HEADER PLUG - 1/8" | 5 |
| 50474 DA | OIL HEADER PLUG - 1/4" | 6 |
| 52 606 D | CRANKCASE LOCATING HOLE PLUG | 2 |
| 21826 H | CRANKCASE REAR CAMSHAFT BEARING PLUG | 1 |
| | SLOTTED NUT, 5/8" N.F. TYPE "L" | 11 |
| | COTTER PIN, 1/8" x 1" | 11 |
| | PIPE PLUG, 3/4" COUNTERSUNK | 2 |
| | PIPE, 1" COUNTERSUNK | 1 |
| | STREET ELBOW, 3/8" (FOR WATER JACKET DRAIN COCK) | 1 |
| | COTTER PINS, 1/8" x 1-3/8" | 16 |
| | | |
| | | |
| 8970 DBX | PUMP HOUSING, COMPLETE | |
| § 8970 DB | PUMP HOUSING | 1 |
| 8976 DA | PUMP HOUSING BUSHING | 1 |
| 45775 D | GOVERNOR FORK SHAFT NEEDLE BEARING | 1 |
| 59604 D | DISTRIBUTOR VALVE TAPPET | 4 |
| § 59636 DA | PLUNGER TAPPET BUSHING | 1 |
| 253257 R91 | PLUNGER TAPPET WITH BUSHING | 1 |
| | CONTROL LEVER SHAFT PLUG, 9/16" | 1 |
| | | |
| 8973 DX | PUMP FLANGE, COMPLETE | |
| 8973 D | PUMP FLANGE | 1 |
| 59609 D | PUMP FLANGE DOWEL | 2 |
| 59675 D | CAMSHAFT OIL SEAL | 1 |
| | | |
| | | |
| 19329 D | SOCKET WRENCH SET AND CARRYING CASE, COMPLETE | |
| 19289 D | HEXAGON SOCKET WRENCH, 9/16" | 1 |
| 19291 D | HEXAGON SOCKET WRENCH, 5/8" | 1 |
| 19292 D | HEXAGON SOCKET WRENCH, 3/4" | 1 |
| 19323 D | SOCKET WRENCH HANDLE, COMBINATION OFFSET AND "T" | 1 |
| 19324 D | HEXAGON SOCKET WRENCH, 7/8" | 1 |
| 19325 D | HEXAGON SOCKET WRENCH, 13/16" | 1 |
| 19326 D | HEXAGON SOCKET WRENCH, 1" | 1 |
| 19327 D | HEXAGON SOCKET WRENCH, 1-1/8" | 1 |
| 19328 D | SOCKET WRENCH SET CARRYING CASE | 1 |
| 20156 D | SQUARE DRAIN PIPE PLUG SOCKET WRENCH, 1/2" | 1 |
| 20157 D | SQUARE DRAIN PIPE PLUG SOCKET WRENCH, 11/16" | 1 |
| | | |
| | | |

§- NOT SUPPLIED SEPARATELY

| PART NUMBER | DESCRIPTION | NO. USED PER ASSEMBLY |
|---|---|---|
| 21329 DX | Breaker Cover Spring Post, Complete | |
| § 21329 D | Breaker Cover Spring Post | 1 |
| § E4A-337 | Breaker Cover Spring, Inner | 1 |
| E4A-338 | Breaker Cover Spring, Outer | 1 |
| § E4A-339 A | Breaker Cover Spring Washer | 1 |
| 21333 DX-6 | Rotor, Complete | |
| § 21333 D | Rotor, Complete | 1 |
| 21340 D | Rotor Shaft Bearing Spacer | 2 |
| 21342 D | Breaker Cam Key | 1 |
| 21343 D | Breaker Cam Nut | 1 |
| 21468 D | Breaker Cam | 1 |
| 33138 D | Rotor Pinion, 40 Teeth | 1 |
| E4-212 | Rotor Shim, Medium | 2 |
| E4A-305 | Rotor Shim, Light | 2 |
| E4A-324 | Rotor Oil Plunger | 1 |
| E4A-351 | Rotor Shaft Bearing, Inner Race Pinion End | 1 |
| OR | | |
| ST 600 | Rotor Shaft Bearing, Inner Race Pinion End (IHC) | 1 |
| E4A-351 | Rotor Shaft Bearing, Inner Race | 1 |
| OR | | |
| ST 600 | Rotor Shaft Bearing Inner Race (IHC) | 1 |
| E4A-353 | Rotor Shaft Bearing Retainer with Balls Pinion End | 1 |
| OR | | |
| ST 602 | Rotor Shaft Bearing Retainer with Balls Pinion End (IHC) | 1 |
| E4A-353 | Rotor Shaft Bearing Retainer with Balls | 1 |
| OR | | |
| ST 602 | Rotor Shaft Bearing Retainer with Balls (IHC) | 1 |
| E4A 372 | Rotor Shim, Heavy | 1 |
| 4 167 T | Rotor Pinion Key | 1 |
| 21401 DAX | Coil, Complete | |
| § 21401 DA | Coil | 1 |
| 56673 D | Coil End Insulator | 2 |
| | Slotted Screw, No. 8 - 32 x 11/16" Flat Head | 2 |
| | Instruction Sheet Per ZG-3008 | 1 |
| 21409 DB | Condenser, Complete | 1 |
| § 21410 DB | Condenser Body | 1 |
| § 21411 D | Condenser Top Leadout | 1 |
| § 21414 D | Condenser Case | 1 |
| § 21415 DA | Condenser Terminal Assembly | 1 |
| § 21442 D | Condenser Bottom Leadout | 1 |
| § 31177 D | Side Condenser Bottom Insulation | 1 |
| § 31178 D | Bottom Condenser Bottom Insulation | 1 |
| § 39853 D | Condenser Pad | |

§ - Not supplied separately

## DETAILS OF ASSEMBLY

| PART NUMBER | DESCRIPTION | NO. USED PER ASSEMBLY |
|---|---|---|
| 27159 DB | Hood Side Door Latch, Complete | |
| 8815 D | Hood Fastener Spring Holder | 1 |
| 8816 D | Hood Fastener Toggle | 1 |
| 8817 D | Hood Fastener Bracket | 1 |
| 58099 DA | Hood Fastener Spring Bolt | 1 |
| 58101 D | Hood Fastener Spring Bolt Guide | 1 |
| 58103 D | Hood Fastener Toggle Pin | 1 |
| 64159 D | Hood Fastener Spring | 1 |
| G-9210 | Hood Fastener Spring Holder Pin | 1 |
| | Hex. Nut, 5/16" N.C. | 1 |
| 25796 DA | Breaker, Complete | |
| 21368 DBY6 | Circuit Breaker Cup with Spring Anchor, Complete | 1 |
| 21373 DBY1 | Breaker Arm, Assembly | 1 |
| 21388 DBX1 | Stationary Point and Support | 1 |
| 21393 D | Stationary Point Support Screw | 1 |
| 21394 D | Stationary Point Support Washer | 1 |
| 21397 D | Primary Leadout Terminal Screw | 1 |
| | Lockwasher, No. 8 (Cadmium Plated) | 1 |
| 21373 DBY6 | Breaker Arm Assembly (Optional 1 - Required, Displaces 21373 DBY1 when used) | x |
| 21373 DBY7 | Breaker Arm Assembly (Optional 1 - Required, Displaces 21373 DBY1 when used) | x |
| 21388 DBX6 | Stationary Point and Support (Optional 1-Required, Displaces 21388 DBX1 when used) | x |
| 21388 DBX7 | Stationary Point and Support (Optional 1-Required, Displaces 21388 DBX1 when used) | x |
| 28388 DA | Magneto Drive Cover, Complete | |
| § 25821 DA | Magneto Drive Cover Nut | 1 |
| § 28385 DA | Magneto Drive Cover | 1 |
| § 28386 DA | Magneto Drive Cover Angle, L.H. | 1 |
| § 28387 DA | Magneto Drive Cover Angle, R.H. | 1 |
| | Screw, No. 10 - 24 x 7/8" Fillister Head | 1 |
| 28656 DYA | Distributor Block with Seals, Complete | 1 |
| 21347 DC | Distributor Seal, Lower | 1 |
| § 21348 DB | Distributor Seal, Upper | 1 |
| § 28656 DX | Distributor Block, Complete | 1 |
| 28656 DZA | Distributor Block and Disc, Complete | |
| 28655 D | Distributor Disc Screw | 3 |
| 28656 DYA | Distributor Block with Seals | 1 |
| 28657 DX | Distributor Disc, Complete | 1 |
| 28674 D | Distributor Disc Contact Spring | 7 |
| 28657 DX | Distributor Disc, Complete | 1 |
| § 21454 DX | Distributor Disc, Center Insert | 6 |
| § 21455 DX | Distributor Disc, Face Insert | 1 |
| § 28657 D | Distributor Disc Molding | |

§ - Not Supplied Separately

x - As Required

| PART NUMBER | DESCRIPTION | NO. USED PER ASSEMBLY |
|---|---|---|
| 28908 D | WATER TRAP STRAP, COMPLETE | |
| § 28904 DA | WATER TRAP STRAP SCREW | 1 |
| § 28905 D | WATER TRAP STRAP KNOB | 1 |
| § 28906 D | WATER TRAP STRAP CUP | 1 |
| § 28907 D | WATER TRAP STRAP | 1 |
| § 31923 D | WATER TRAP STRAP SCREW WASHER | 1 |
| | | |
| | | |
| | | |
| 29115 DX | ADJUSTING LOCK WITH SPRING AND LATCH | |
| § 29115 D | ADJUSTING LOCK | 1 |
| § 29116 D | ADJUSTING LOCK SPRING | 1 |
| § 29784 D | ADJUSTING LOCK LATCH | 1 |
| 31236 D | ADJUSTING LOCK PIN | 1 |
| | | |
| | | |
| 32499 DAX | MAGNETO IDLER GEAR SHAFT, COMPLETE | |
| 29764 D | MAGNETO IDLER GEAR PIN | 1 |
| 32499 DA | MAGNETO IDLER GEAR SHAFT | 1 |
| 50410 DA | MAGNETO IDLER GEAR SHAFT PIPE PLUG | 1 |
| | | |
| | | |
| 37152 DA | NOZZLE VALVE AND SPRING, COMPLETE | |
| § 37144 DA | NOZZLE VALVE | 1 |
| § 37145 DB | NOZZLE VALVE GUIDE | 1 |
| § 37146 DA | NOZZLE SPRING | 1 |
| § 37147 D | NOZZLE VALVE NUT | 2 |
| | | |
| | | |
| 39401 D | CRANKSHAFT REAR OIL SEAL RETAINER, COMPLETE | |
| 4993 DA | CRANKSHAFT REAR OIL SEAL UPPER RETAINER | 1 |
| 4994 DA | CRANKSHAFT REAR OIL SEAL LOWER RETAINER | 1 |
| 25076 D | CRANKSHAFT REAR OIL SEAL RETAINER DOWEL | 2 |
| 32308 D | CRANKSHAFT REAR OIL SEAL RETAINER GASKET | 2 |
| | CAP SCREW, 3/8 x 3-1/2" N.C. HEX. HEAD | 2 |
| | STEEL WASHER, 13/32" I.D. x 3/4" O.D. x No. 16 GA. (Q 1597) | 2 |
| | | |
| | | |
| 40237 D | TAPPET, COMPLETE | |
| 40234 D | TAPPET ROLLER | 1 |
| 40236 D | TAPPET SHELL | 1 |
| 40243 D | TAPPET PIN | 1 |
| 40247 D | TAPPET ROLLER BUSHING | 1 |
| 40256 D | TAPPET LOCK NUT | 1 |
| 40265 D | TAPPET SCREW | |
| | | |
| | | |
| 40238 D | DELIVERY VALVE AND SEAT, COMPLETE | |
| § 54608 D | DELIVERY VALVE | 1 |
| § 54609 D | DELIVERY VALVE SEAT | 1 |
| | | |
| | | |
| 40875 DAXA | STARTING CRANK, COMPLETE | |
| 30624 D | STARTING CRANK RATCHET PIN | 1 |
| § 38744 D | STARTING CRANK SLEEVE | 1 |
| § 40874 D | STARTING CRANK BUSHING | 1 |
| § 40875 DA | STARTING CRANK | |
| | | |
| | | |

§ - NOT SUPPLIED SEPARATELY

| PART NUMBER | DESCRIPTION | NO. USED PER ASSEMBLY |
|---|---|---|
| 40891 DD | STEERING CLUTCH, COMPLETE | |
| 5711 DA | STEERING CLUTCH PRESSURE PLATE | 1 |
| 5712 DB | STEERING CLUTCH PRESSURE SPRING RETAINER | 1 |
| 9717 D | STEERING CLUTCH HUB | 1 |
| 5715 D | STEERING CLUTCH HUB PLATE | 1 |
| 40882 D | STEERING CLUTCH DRIVING DISC | 17 |
| 40883 DB | STEERING CLUTCH FRICTION FACING | 18 |
| 68462 D | STEERING CLUTCH PRESSURE SPRING | 1 |
| 54968 D | STEERING CLUTCH PRESSURE PLATE DOWEL BOLT | 3 |
| | CAP SCREW, 1/2 x 1-1/4" N.C. HEX. HEAD | 6 |
| | LOCKWASHER, 1/2" | 9 |
| | | |
| | | |
| 40935 DA | DRIVE BEVEL GEAR BEARING CAGE CAP, COMPLETE | |
| § 5721 DA | DRIVE BEVEL GEAR BEARING CAGE CAP, UPPER | 1 |
| § 5722 DA | DRIVE BEVEL GEAR BEARING CAGE CAP, LOWER | 1 |
| 40928 D | DRIVE BEVEL GEAR BEARING CAGE CAP FILLER GASKET | 2 |
| | CAP SCREW, 3/8 x 1-1/4" N.C. HEX. HEAD | 2 |
| | HEX. NUT, 3/8" N.C. | 2 |
| | LOCKWASHER, 3/8" | 2 |
| | | |
| | | |
| | | |
| 41413 DA | TRACK ROLLER, COMPLETE (SINGLE FLANGE) | |
| 5733 D | TRACK ROLLER OIL SCUPPER | 1 |
| 5734 DY | TRACK ROLLER CARRIER SET, COMPLETE | 1 |
| 41401 DX | TRACK ROLLER CARRIER SHAFT WITH 1/4" PIPE PLUG | 1 |
| 41402 DA | TRACK ROLLER (SINGLE FLANGE) | 1 |
| 41407 D | TRACK ROLLER LUBRICATOR | 1 |
| | | |
| | | |
| 41414 DA | TRACK ROLLER, COMPLETE (DOUBLE FLANGE) | |
| 5733 D | TRACK ROLLER OIL SCUPPER | 1 |
| 5734 DY | TRACK ROLLER CARRIER SET, COMPLETE | 1 |
| 41400 DA | TRACK ROLLER (DOUBLE FLANGE) | 1 |
| 41401 DX | TRACK ROLLER CARRIER SHAFT WITH 1/4" PIPE PLUG | 1 |
| 41407 D | TRACK ROLLER LUBRICATOR | 1 |
| | | |
| | | |
| 41477 DX | STEERING BRAKE BAND, FRONT, COMPLETE | |
| § 41477 D | STEERING BRAKE BANK, FRONT | 1 |
| § 41481 D | STEERING BRAKE BAND SPRING ANCHOR | 1 |
| 41483 D | STEERING BRAKE BAND LINING | 1 |
| 21406 H | STEERING BRAKE BAND LINING RIVET | 16 |
| | | |
| | | |
| 41478 DX | STEERING BRAKE BAND, CENTER, COMPLETE | |
| § 41478 D | STEERING BRAKE BAND, CENTER | 1 |
| 41483 D | STEERING BRAKE BAND LINING | 1 |
| 21406 H | STEERING BRAKE BAND LINING RIVET | 16 |
| | | |
| | | |
| 41479 DX | STEERING BRAKE BAND, REAR, COMPLETE | |
| § 41479 D | STEERING BRAKE BAND, REAR | 1 |
| § 41482 D | STEERING BRAKE BAND ADJUSTING BOLT COLLAR | 1 |
| 41483 D | STEERING BRAKE BAND LINING | 1 |
| 21406 H | STEERING BRAKE BAND LINING RIVET | 16 |
| | RIVET, 1/4 x 3/8" ROUND HEAD | 4 |

§ - NOT SUPPLIED SEPARATELY

| PART NUMBER | DESCRIPTION | NO. USED PER ASSEMBLY |
|---|---|---|
| 41480 D | STEERING BRAKE BAND, COMPLETE | |
| 41477 DX | STEERING BRAKE BAND, FRONT, COMPLETE | 1 |
| 41478 DX | STEERING BRAKE BAND, CENTER, COMPLETE | 1 |
| 41479 DX | STEERING BRAKE BAND, REAR, COMPLETE | 1 |
| 41484 DA | STEERING BRAKE BAND JOINT PIN | 2 |
| | COTTER PIN, 1/8 x 1" | 2 |
| 41595 D | DRAWBAR, COMPLETE | |
| § 41587 D | DRAWBAR UPPER JAW | 1 |
| § 41588 D | DRAWBAR JAW SPACER | 1 |
| § 41590 D | DRAWBAR | 1 |
| § 50093 D | DRAWBAR WEAR PLATE ANCHOR | 2 |
| | RIVET, 1-1/4 x 5-1/4" ROUND HEAD | 2 |
| 41675 DA | BEVEL PINION AND SHAFT WITH GEARS, COMPLETE | |
| 41645 D | FIRST, SECOND, FOURTH AND FIFTH SPEED GEAR | 1 |
| 41646 D | THIRD AND SIXTH SPEED GEAR | 1 |
| 41647 DBX | REVERSE GEAR WITH SPACER, 52893 D | 1 |
| 41648 DA | BEVEL PINION AND SHAFT | 1 |
| 41661 D | BEVEL PINION SHAFT KEY | 3 |
| 41663 D | BEVEL PINION AND SHAFT BEARING RETAINER, REAR | 1 |
| 41667 D | BEVEL PINION SHAFT SPACER | 1 |
| 53009 D | BEVEL PINION AND SHAFT BEARING, REAR | 1 |
| 41708 DC | STEERING CLUTCH RELEASE ACTUATOR, COMPLETE | |
| 39063 D | ACTUATOR FRONT CAM KEY | 2 |
| 43585 DX | ACTUATOR FRONT CAM WITH PLUG | 1 |
| 43588 DA | ACTUATOR CUSHION PLATE WITH FACING, COMPLETE | 1 |
| 43594 DX | ACTUATOR ROLLER SPIDER, COMPLETE | 1 |
| 43598 D | ACTUATOR REAR CAM | 1 |
| 43599 DA | ACTUATOR CAM ADJUSTING SLEEVE | 1 |
| 51612 DXA | ACTUATOR PRESSURE PLATE WITH OIL RETAINER AND PLATE | 1 |
| | COTTER PIN, 3/32 x 1" | 2 |
| 41709 DXA | STEERING CLUTCH ACTUATOR OIL TUBE, COMPLETE | |
| § 41709 D | STEERING CLUTCH ACTUATOR OIL TUBE | 1 |
| § 41738 D | STEERING CLUTCH ACTUATOR OIL TUBE COUPLING | 1 |
| § 41739 DA | STEERING CLUTCH ACTUATOR OIL TUBE BRACKET | 1 |
| 41735 D | STEERING CLUTCH SHIFTER FORK ROLLER, ASSEMBLY, UPPER | |
| § 41724 D | STEERING CLUTCH SHIFTER FORK ROLLER NEEDLE BEARING | 22 |
| § 41725 D | STEERING CLUTCH SHIFTER FORK ROLLER NEEDLE BEARING RETAINER WASHER | 1 |
| § 41726 D | STEERING CLUTCH SHIFTER FORK ROLLER | 1 |
| § 41728 D | STEERING CLUTCH SHIFTER FORK ROLLER PIN, UPPER | 1 |

§ - NOT SUPPLIED SEPARATELY

| PART NUMBER | DESCRIPTION | NO. USED PER ASSEMBLY |
|---|---|---|
| 41736 D | Steering Clutch Shifter Fork Roller, Assembly, Lower | |
| § 41724 D | Steering Clutch Shifter Fork Roller Needle Bearing | 22 |
| § 41725 D | Steering Clutch Shifter Fork Roller Needle Bearing Retainer Washer | 1 |
| § 41726 D | Steering Clutch Shifter Fork Roller | 1 |
| § 41727 D | Steering Clutch Shifter Fork Roller Pin, Lower | 1 |
| | | |
| | | |
| 41745 DAX | Lubricating Oil Filter, Complete | |
| 20523 D | Lubricating Oil Filter Drain Plug Gasket | 2 |
| § 41745 DA | Lubricating Oil Filter Case and Element Assembly | 2 |
| 41746 D | Lubricating Oil Filter Case Gasket | 2 |
| 41747 DX | Lubricating Oil Filter Retaining Bar Adapter | 2 |
| 42356 DA | Lubricating Oil Filter Case Cover (Assembly) | 2 |
| 42368 D | Lubricating Oil Filter Drain Plug | 2 |
| 42369 D | Lubricating Oil Filter Case Retaining Plate | 2 |
| 42371 DB | Lubricating Oil Filter Cover Gasket | 2 |
| 42372 D | Lubricating Oil Filter Case | 2 |
| 50308 D | Lubricating Oil Filter Element | 2 |
| | | |
| | | |
| 41800 D | Track Frame, Complete, L.H. | |
| § 5860 D | Track Frame Guide Spacer | 1 |
| § 41789 D | Track Frame Center Spacer | 2 |
| § 41790 D | Track Frame Outer Spacer | 2 |
| § 41791 D | Track Frame Angle, L.H. | 1 |
| § 41793 D | Track Frame Side Channel, Inner, L.H. | 1 |
| § 41795 D | Track Frame Side Channel, Outer, L.H. | 1 |
| § 52423 D | Track Frame Gusset | 2 |
| | | |
| | | |
| 41801 D | Track Frame, Complete, R.H. | |
| § 5860 D | Track Frame Guide Spacer | 1 |
| § 41789 D | Track Frame Center Spacer | 2 |
| § 41790 D | Track Frame Outer Spacer | 2 |
| § 41792 D | Track Frame Angle, R.H. | 1 |
| § 41794 DA | Track Frame Side Channel, Inner, R.H. | 1 |
| § 41796 DA | Track Frame Side Channel, Outer, R.H. | 1 |
| § 52423 D | Track Frame Gusset | 2 |
| | | |
| | | |
| 41909 D | Starting Switch to Starting Motor Cable, Complete | |
| 23431 D | Lug Terminal | 1 |
| § 41909-1/2 D | Starting Switch to Starting Motor Cable | 1 |
| § 41911 D | Rubber Insulating Tubing | 2 |
| § 41915 D | Battery Cable Casing | 1 |
| 26377 H | Lug Terminal | 1 |
| | Black Friction Tape, 3/4 x 72" Long | 1 |
| | | |
| | | |
| 42003 DA | Track Frame Diagonal Brace, L.H., Complete | |
| § 42007 D | Track Frame Diagonal Brace, L.H. | 1 |
| § 42011 D | Track Frame Diagonal Brace Flange | 1 |
| § 42012 D | Track Frame Diagonal Brace Flange Gusset, Upper | 1 |
| § 42013 D | Track Frame Diagonal Brace Flange Gusset, Lower | 1 |
| § 42014 D | Track Frame Diagonal Brace Flange Gusset, Front | 1 |
| § 42015 D | Track Frame Diagonal Brace Flange Gusset, Rear | 1 |
| | | |
| | | |

§ - Not supplied separately

| PART NUMBER | DESCRIPTION | NO. USED PER ASSEMBLY |
|---|---|---|
| 42004 DA | Track Frame Diagonal Brace, R.H., Complete | |
| § 42008 D | Track Frame Diagonal Brace, R.H. | 1 |
| § 42011 D | Track Frame Diagonal Brace Flange | 1 |
| § 42012 D | Track Frame Diagonal Brace Flange Gusset, Upper | 1 |
| § 42013 D | Track Frame Diagonal Brace Flange Gusset, Lower | 1 |
| § 42014 D | Track Frame Diagonal Brace Flange Gusset, Front | 1 |
| § 42015 D | Track Frame Diagonal Brace Flange Gusset, Rear | 1 |
| 42005 DA | Track Frame Diagonal Brace, L.H., Complete | |
| § 42009 D | Track Frame Diagonal Brace, L.H. | 1 |
| § 42011 D | Track Frame Diagonal Brace Flange | 1 |
| § 42016 D | Track Frame Diagonal Brace Flange Gusset, Upper | 1 |
| § 42017 D | Track Frame Diagonal Brace Flange Gusset, Lower | 1 |
| § 42018 D | Track Frame Diagonal Brace Flange Gusset, Front | 1 |
| § 42019 D | Track Frame Diagonal Brace Flange Gusset, Rear | 1 |
| 42006 DA | Track Frame Diagonal Brace, R.H., Complete | |
| § 42010 D | Track Frame Diagonal Brace, R.H. | 1 |
| § 42011 D | Track Frame Diagonal Brace Flange | 1 |
| § 42016 D | Track Frame Diagonal Brace Flange Gusset, Upper | 1 |
| § 42017 D | Track Frame Diagonal Brace Flange Gusset, Lower | 1 |
| § 42018 D | Track Frame Diagonal Brace Flange Gusset, Front | 1 |
| § 42019 D | Track Frame Diagonal Brace Flange Gusset, Rear | 1 |
| 42399 DA | Water Trap, Complete | 1 |
| 25329 D | Water Trap Bleeder | 1 |
| 28908 D | Water Trap Strap, Complete | 1 |
| 28909 D | Water Trap Glass | 1 |
| 28910 DA | Water Trap Glass Gasket | 1 |
| 29353 DAX | Water Trap Screen | 1 |
| 29356 D | Water Trap Inlet Pipe Cap | 1 |
| 42398 DAX | Water Trap Top with Pipe, 29352 D and Pin | |
| 42554 DAXA | Main Frame Cover with Stiffener | 1 |
| § 42546 DA | Main Frame Cover Stiffener | 2 |
| § 42551 D | Oil Level Gauge Ring | 1 |
| § 42554 D | Main Frame Cover | 14 |
| | Hex. Nut, 1/2" N.C. | |

§ - Not supplied separately

## DETAILS OF ASSEMBLY

| PART NUMBER | DESCRIPTION | NO. USED PER ASSEMBLY |
|---|---|---|
| 42554 DAYA | MAIN FRAME COVER, COMPLETE | |
| 42554 DAXA | MAIN FRAME COVER WITH STIFFENER | 1 |
| 50281 D | STEERING CLUTCH ACTUATOR OIL TUBE, COMPLETE | 2 |
| | MACHINE BOLT, 1/4 x 3/4" N.F. | 4 |
| | HEX. NUT, 1/4" N.F. | 4 |
| | LOCKWASHER, 1/4" | 4 |
| 42560 D | DASH AND COWL, COMPLETE | |
| § 42550 D | CHOKE ROD REAR HOLDER BRACKET | 1 |
| § 42555 D | HOOD AND SIDE SHEET SUPPORT TAPPING BLOCK | 2 |
| § 42556 D | DASH COWL | 1 |
| § 42557 D | HOOD AND SIDE SHEET SUPPORT | 1 |
| § 42558 D | DASH | 1 |
| § 47876 D | DASH STIFFENER ANGLE | 2 |
| | WELDING NUT, 3/8" N.C. | 5 |
| 42611 D | RADIATOR CAP COVER, COMPLETE | |
| 5913 D | RADIATOR CAP COVER | 1 |
| 10429 D | RADIATOR CAP GASKET | 1 |
| 42158 D | RADIATOR CAP CLAMP | 1 |
| 42610 D | RADIATOR CAP CLAMP HANDLE WITH BOLT | 1 |

§ - NOT SUPPLIED SEPARATELY

| PART NUMBER | DESCRIPTION | NO. USED PER ASSEMBLY |
|---|---|---|
| 42615 DD | RADIATOR, COMPLETE | |
| 5940 DA | WATER TANK, UPPER | 1 |
| 5941 DB | WATER TANK, LOWER | 1 |
| 5944 D | RADIATOR CORE SPACER, L.H. | 1 |
| 5945 D | RADIATOR CORE SPACER, R.H. | 1 |
| 42534 D | RADIATOR CORE STIFFENER, FRONT | 2 |
| 42537 D | RADIATOR GASKET | 2 |
| 42538 DA | RADIATOR CORE, COMPLETE | 1 |
| 42599 D | RADIATOR CORE STIFFENER, UPPER, REAR | 1 |
| 42600 D | RADIATOR CORE STIFFENER, LOWER, REAR | 1 |
| 42601 DAX | RADIATOR OVERFLOW PIPE WITH SLEEVE | 1 |
| 42605 D | RADIATOR DRAIN COCK | 1 |
| 42611 D | RADIATOR CAP COVER, COMPLETE | 1 |
| 42914 D | RADIATOR OVERFLOW PIPE CLIP | 1 |
| | CAP SCREW, 3/8 x 3/4" N.C. HEX. HEAD | 1 |
| | CAP SCREW, 3/8 x 1-1/4" N.C. HEX. HEAD | 44 |
| | CAP SCREW, 1/2 x 1-3/4" N.C. HEX. HEAD | 16 |
| | LOCKWASHER, 3/8" | 45 |
| | LOCKWASHER, 1/2" | 16 |
| 42651 D | MAGNETO SHORT-CIRCUITING CABLE, COMPLETE | |
| 38433 D | MAGNETO SHORT-CIRCUITING CABLE TERMINAL | 1 |
| § 42651-1/2 D | MAGNETO SHORT-CIRCUITING CABLE | 1 |
| 29016 H | MAGNETO SHORT-CIRCUITING CABLE TERMINAL (MANIFOLD END) | 1 |

§ - NOT SUPPLIED SEPARATELY

| PART NUMBER | DESCRIPTION | NO. USED PER ASSEMBLY |
|---|---|---|
| 42686 D | WATER PUMP, COMPLETE | |
| 5008 DCX | WATER PUMP IMPELLER WITH SHAFT | 1 |
| 5009 DX | WATER PUMP BEARING RETAINER WITH OIL SEAL, 20289 D | 1 |
| 5010 DAX | FAN AND WATER PUMP PULLEY WITH OIL SEAL, 20290 D | 1 |
| 5950 DX | WATER PUMP BODY WITH 6 STUDS, 32352 D AND 2 PIPE PLUGS, 1/4" | 1 |
| 13129 DA | WATER PUMP BEARING LUBRICATOR | 1 |
| 20293 D | WATER PUMP BEARING LOCK SLEEVE | 1 |
| 20296 D | WATER PUMP PACKING GLAND | 1 |
| 20300 D | WATER PUMP FELT WASHER | 1 |
| 20308 D | WATER PUMP BALL BEARING | 2 |
| 20585 D | WATER PUMP DRIVER | 1 |
| 20586 D | WATER PUMP DRIVER PIN | 1 |
| 27644 D | WATER PUMP PACKING | 1 |
| 27654 D | WATER PUMP BALL BEARING RETAINER RING | 1 |
| 30824 D | WATER PUMP BODY GASKET | 1 |
| 32349 D | WATER PUMP BODY SPACER | 2 |
| 32350 D | WATER PUMP BODY COVER | 1 |
| 32351 D | WATER PUMP COVER GASKET | 1 |
| 32353 D | WATER PUMP SHAFT SLEEVE, 32354 D WITH BUSHINGS, 20303 D AND 24017 D | 1 |
| 32356 D | FAN PULLEY BEARING SPACER | 1 |
| 32624 D | FAN PULLEY BEARING RETAINER GASKET | 1 |
| G 3792 | WATER PUMP DRIVE SPRING | 2 |
| 34315 H | WATER PUMP BEARING CLAMP NUT | 1 |
| QA 3628 | WATER PUMP SHAFT BEARING LUBRICATOR | 1 |
| | CAP SCREW, 3/8 x 1" N.C. HEX. HEAD | 2 |
| | HEX. NUT, 5/16" N.F. | 7 |
| | LOCKWASHER, 5/16" | 7 |
| | LOCKWASHER, 3/8" | 4 |
| 42709 DX | FRONT ENGINE SUPPORT, COMPLETE | |
| 14186 DA | FRONT ENGINE SUPPORT LUBRICATOR | 1 |
| § 42709 D | FRONT ENGINE SUPPORT LUBRICATOR | 1 |
| § 42710 D | FRONT ENGINE SUPPORT TUBE | 1 |
| § 42711 D | FRONT ENGINE SUPPORT BRACKET | 2 |
| | PIPE COUPLING, 1/8" | 1 |
| | PIPE NIPPLE, 1/8 x 2" | 1 |
| 42771 D | PRIMER, COMPLETE | |
| 32948 DX | PRIMER INLET VALVE, 32948 D WITH NUT, 20683 D AND SLEEVE, 20684 D | 1 |
| 67943 D | PRIMER BODY ONLY | 1 |
| 42783 DXB | LUBRICATING OIL PUMP DRIVE SHAFT, COMPLETE | |
| 32319 D | LUBRICATING OIL PUMP BODY GEAR PIN | 1 |
| § 42783 D | LUBRICATING OIL PUMP DRIVE SHAFT | 1 |
| 5312 T #3 | LUBRICATING OIL PUMP DRIVE PINION PIN | 1 |

§ - NOT SUPPLIED SEPARATELY

| PART NUMBER | DESCRIPTION | NO. USED PER ASSEMBLY |
|---|---|---|
| 42794 D | Lubricating Oil Pump, Complete | |
| 5981 DX | Lubricating Oil Pump Body with Idler Gear Shaft | 1 |
| 5982 DAX | Lubricating Oil Pump Auxiliary Gear Upper Housing with Dowel Pin | 1 |
| 5983 D | Lubricating Pump Auxiliary Gear Lower Housing | 1 |
| 5984 DX | Lubricating Oil Pump Cover with Dowel | 1 |
| 13021 D | Lubricating Oil Pump Drive Pinion Key | 1 |
| 13021 D | Lubricating Oil Pump Body Gear Key | 1 |
| 42783 DXB | Lubricating Oil Pump Drive Shaft with Pins | 1 |
| 42789 D | Lubricating Oil Pump Auxiliary Gear Upper Housing Gasket | 1 |
| 42790 D | Lubricating Oil Pump Cover Gasket | 1 |
| 42790 D | Lubricating Oil Pump Auxiliary Gear Lower Housing Gasket | 1 |
| 42791 DA | Lubricating Oil Pump Float | 1 |
| 45285 DA | Lubricating Oil Pressure Regulating Valve | 1 |
| 46054 DA | Lubricating Oil Pump Drive Pinion (14 Teeth) | 1 |
| 48695 D | Lubricating Pressure Regulating Valve Spring | 1 |
| 50335 D | Lubricating Oil Pump Body Gear | 1 |
| 50336 D | Lubricating Oil Pump Idler Gear | 1 |
| 51515 D | Lubricating Oil Pump Auxiliary Body Gear (12 Teeth) | 2 |
| 51516 D | Lubricating Oil Pump Auxiliary Idler Gear (12 Teeth) | 2 |
| | Cap Screw, 3/8 x 1-3/4" N.C. Hex. Head | 1 |
| | Cap Screw, 3/8 x 3" N.C. Hex. Head | 3 |
| | Cap Screw, 3/8 x 3-3/4" N.C. Hex. Head | 1 |
| | Lockwasher, 3/8" | 5 |
| | Cotter Pin, 1/8 x 1-1/2" | 1 |
| 42904 DX | Radiator Shutter Control Rod, Complete | |
| § 42904 D | Radiator Shutter Control Rod | 1 |
| § 42908 D | Radiator Shutter Control Rod Bushing | 1 |
| § 42909 D | Radiator Shutter Control Rod Stop | 3 |
| | Hex. Jam Nut, 5/8" N.F. | 2 |
| | Cotter Pin, 1/8 x 3/4" | 1 |
| 42905 DX | Radiator Shutter Control Rod, Rear, Complete | |
| § 42905 D | Radiator Shutter Control Rod, Rear | 1 |
| § 42908 D | Radiator Shutter Control Rod Bushing | 1 |
| § 42909 D | Radiator Shutter Control Rod Stop | 2 |

§ - Not Supplied Separately

## DETAILS OF ASSEMBLY

| PART NUMBER | DESCRIPTION | NO. USED PER ASSEMBLY |
|---|---|---|
| 42906 DX | Radiator Shutter Control Rod, Front, Complete | |
| § 37872 D | Radiator Shutter Control Rod Coupling | 1 |
| § 42906 D | Radiator Shutter Control Rod, Front | 1 |
| § 42909 D | Radiator Shutter Control Rod Stop | 1 |
| 42945 DAX | Injection Pipe (No. 1 Cylinder) Complete | |
| § 25342 DB | Injection Pipe Nut | 2 |
| § 27889 DA | Injection Pipe Washer | 2 |
| § 27926 DA | Injection Pipe Clamp Block | 1 |
| § 42945 DA | Injection Pipe (No. 1 Cylinder) | 1 |
| 42946 DAX | Injection Pipe (No. 6 Cylinder) Complete | |
| § 25342 DB | Injection Pipe Nut | 2 |
| § 27889 DA | Injection Pipe Washer | 2 |
| § 27926 DA | Injection Pipe Clamp Block | 1 |
| § 42946 DA | Injection Pipe (No. 6 Cylinder) | 1 |
| 42947 DAX | Injection Pipe (No. 2 Cylinder) Complete | |
| § 25342 DB | Injection Pipe Nut | 2 |
| § 27889 DA | Injection Pipe Washer | 2 |
| § 27926 DA | Injection Pipe Clamp Block | 1 |
| § 42947 DA | Injection Pipe (No. 2 Cylinder) | 1 |
| 42948 DAX | Injection Pipe (No. 5 Cylinder) Complete | |
| § 25342 DB | Injection Pipe Nut | 2 |
| § 27889 DA | Injection Pipe Washer | 2 |
| § 27926 DA | Injection Pipe Clamp Block | 1 |
| § 42948 DA | Injection Pipe (No. 5 Cylinder) | 1 |
| 42949 DAX | Injection Pipe (No. 3 Cylinder) Complete | |
| § 25342 DB | Injection Pipe Nut | 2 |
| § 27889 DA | Injection Pipe Washer | 2 |
| § 27926 DA | Injection Pipe Clamp Block | 1 |
| § 42949 DA | Injection Pipe (No. 3 Cylinder) | 1 |

§ - Not supplied separately

## DETAILS OF ASSEMBLY

| PART NUMBER | DESCRIPTION | NO. USED PER ASSEMBLY |
|---|---|---|
| 42950 DAX | INJECTION PIPE (No. 4 CYLINDER) COMPLETE | |
| § 25342 DB | INJECTION PIPE NUT | 2 |
| § 27889 DA | INJECTION PIPE WASHER | 2 |
| § 27926 DA | INJECTION PIPE CLAMP BLOCK | 1 |
| § 42950 DA | INJECTION PIPE (No. 4 CYLINDER) | 1 |
| 43003 DX | LUBRICATING OIL RETURN PIPE, FRONT, COMPLETE | |
| § 5985 D | LUBRICATING OIL RETURN PIPE ELBOW | 1 |
| § 42793 D | LUBRICATING OIL RETURN PIPE CLIP | 1 |
| § 43003 D | LUBRICATING OIL RETURN PIPE, FRONT | 1 |
| § 43005 D | LUBRICATING OIL RETURN PIPE SCREEN | 1 |
| 43004 DX | LUBRICATING OIL RETURN PIPE, REAR, COMPLETE | |
| § 5985 D | LUBRICATING OIL RETURN PIPE ELBOW | 1 |
| § 42793 D | LUBRICATING OIL RETURN PIPE CLIP | 1 |
| § 43004 D | LUBRICATING OIL RETURN PIPE, REAR | 1 |
| § 43005 D | LUBRICATING OIL RETURN PIPE SCREEN | 1 |
| 43006 D | GENERATOR HEAT SHIELD, COMPLETE | |
| § 43007 D | GENERATOR HEAT SHIELD TOP | 1 |
| § 43008 D | GENERATOR HEAD SHIELD SIDE | 1 |
| § 43009 D | GENERATOR HEAT SHIELD BRACE, FRONT | 1 |
| § 43010 D | GENERATOR HEAT SHIELD BRACE, REAR | 1 |
| 43197 DX | BEARING CARRIER, COMPLETE | |
| 43197 D | BEARING CARRIER | 1 |
| 43198 D | BRAKE DISC | 1 |
| 43199 D | DOWEL PIN | 2 |
| Q 3625 | LUBRICATOR FITTING | 1 |
| | CAP SCREW, 3/8 x 3/4" N.C. HEX. HEAD | 8 |
| | LOCKWASHER, 3/8" | 8 |
| 43202 D | DRIVEN MEMBER, COMPLETE | |
| § 43203 D | SPLINED CENTER | 1 |
| § 43204 D | CLUTCH PLATE | 1 |
| § 43205 D | OIL DEFLECTOR | 1 |
| 43246 DX | CLUTCH FACING (SET) | 1 |
| 67116 D | CLUTCH FACING RIVET | 36 |
| | RIVET, 3/8 x 3/4" FLAT HEAD | 16 |

§ - NOT SUPPLIED SEPARATELY

## DETAILS OF ASSEMBLY

| PART NUMBER | DESCRIPTION | NO. USED PER ASSEMBLY |
|---|---|---|
| 43206 DE | CLUTCH, COMPLETE, LESS DRIVEN MEMBER | |
| 43190 D | SLEEVE AND BEARING, ASSEMBLY | 1 |
| 43207 D | CONNECTING LINK | 3 |
| 43208 DCX | BACK PLATE WITH 3 STUDS, 43209 DA AND 3 PINS, 3741 TA | 1 |
| 43211 D | LINK PIN, LONG | 3 |
| 43212 DBXA | ADJUSTING RING, ASSEMBLY | 1 |
| 43213 DBX | PRESSURE PLATE, ASSEMBLY | 1 |
| 43214 D | ADJUSTING RING PLATE | 1 |
| 43217 D | RETURN SPRING | 6 |
| 58227 D | SET OF 3 CAMSHAFTS, COMPLETE | 1 |
| 61130 D | RETURN SPRING BOLT | 6 |
| N 32202 | LINK PIN, SHORT | 3 |
| | HEX. NUT, 5/16" N.F. (CASTELLATED) | 6 |
| | COTTER PIN, 1/16 x 1/2" | 6 |
| | WASHER, 7/8" O.D. x 3/8" I.D. x No. 16 GA. | 6 |
| | | |
| | | |
| 43210 DX | SET OF 3 CAMSHAFTS, COMPLETE | |
| § 37947 DA | RETAINER PLATE | 6 |
| § 38960 D | ROLLER (LARGE) | 6 |
| § 38961 D | ROLLER (SMALL) | 12 |
| § 43210 D | CAMSHAFTS | 3 |
| § 54963 D | FELT PLUG | 6 |
| | | |
| | | |
| 43212 DBX | ADJUSTING RING, ASSEMBLY | |
| § 43212 DB | ADJUSTING RING | 1 |
| § 54958 D | ADJUSTING RING STUD | 6 |
| 61115 D | ADJUSTING SCREW | 1 |
| 61128 D | ADJUSTING LOCK | 2 |
| 27166 H | ADJUSTING LOCK SCREW NUT | 2 |
| | | |
| | | |
| | | |
| 43213 DBX | PRESSURE PLATE, ASSEMBLY | |
| § 43213 DB | PRESSURE PLATE | 1 |
| 43248 D | SET OF 6 CAM BLOCKS | 1 |
| 54953 D | CAM BLOCK SCREW LOCK | 6 |
| | SCREW, 1/4 x 1/2" FILLISTER HEAD | 6 |
| | | |
| | | |
| 43221 DAX | INJECTION PIPE, COMPLETE, (CYLINDER NO. 1) | |
| § 25342 DB | INJECTION PIPE NUT | 2 |
| § 27926 DA | INJECTION PIPE CLAMP BLOCK | 1 |
| § 43174 D | INJECTION PIPE WASHER | 2 |
| § 43221 DA | INJECTION PIPE (CYLINDER NO. 1) | 1 |
| | | |
| | | |
| 43222 DAX | INJECTION PIPE, COMPLETE, (CYLINDER NO. 2) | |
| § 25342 DB | INJECTION PIPE NUT | 2 |
| § 43174 D | INJECTION PIPE WASHER | 2 |
| § 43222 DA | INJECTION PIPE (CYLINDER NO. 2) | 1 |
| | | |
| | | |
| 43223 DAX | INJECTION PIPE, COMPLETE, (CYLINDER NO. 3) | |
| § 25342 DB | INJECTION PIPE NUT | 2 |
| § 43174 D | INJECTION PIPE WASHER | 2 |
| § 43223 DA | INJECTION PIPE (CYLINDER NO. 3) | 1 |

§ - NOT SUPPLIED SEPARATELY

| PART NUMBER | DESCRIPTION | NO. USED PER ASSEMBLY |
|---|---|---|
| 43224 DAX | INJECTION PIPE, COMPLETE, (CYLINDER NO. 4) | |
| § 25342 DB | INJECTION PIPE NUT | 2 |
| § 43174 D | INJECTION PIPE WASHER | 2 |
| § 43224 DA | INJECTION PIPE (CYLINDER NO. 4) | 1 |
| 43225 DAX | INJECTION PIPE, COMPLETE, (CYLINDER NO. 5) | |
| § 25342 DB | INJECTION PIPE NUT | 2 |
| § 43174 D | INJECTION PIPE WASHER | 2 |
| § 43225 DA | INJECTION PIPE (CYLINDER NO. 5) | 1 |
| 43226 DAX | INJECTION PIPE, COMPLETE, (CYLINDER NO. 6) | |
| § 25342 DB | INJECTION PIPE NUT | 2 |
| § 27926 DA | INJECTION PIPE CLAMP BLOCK | 1 |
| § 43174 D | INJECTION PIPE WASHER | 2 |
| § 43226 DA | INJECTION PIPE (CYLINDER NO. 6) | 1 |
| 43248 D | SET OF 6 CAM BLOCKS | |
| § 31231 D | CAM BLOCK | 6 |
| 54953 D | SCREW LOCK | 6 |
| | SCREW, 1/4 - 20 x 1/2" FILLISTER HEAD | 6 |
| 43288 DBX | INJECTION PUMP, COMPLETE (TIMKEN) | |
| 33275 D | TIMING COUPLER ADJUSTER | 1 |
| 42796 D | INJECTION PUMP DRIVE FLANGE | 1 |
| § 43288 DB | INJECTION PUMP, COMPLETE | 1 |
| | CAP SCREW, 3/8 x 9/16" N.F. HEX. HEAD | 2 |
| | LOCKWASHER, 3/8" | 2 |
| 43588 DA | ACTUATOR CUSHION PLATE WITH FRICTION FACING, COMPLETE | |
| § 43589 D | ACTUATOR CUSHION SPRING PLATE | 1 |
| 43590 DA | ACTUATOR FRICTION FACING | 1 |
| 43591 D | ACTUATOR DRIVE PIN | 5 |
| 43592 D | ACTUATOR DRIVE PIN WASHER | 5 |
| 43593 D | ACTUATOR FRICTION FACING RIVET | 5 |
| 43594 DX | ACTUATOR ROLLER SPIDER, COMPLETE | |
| § 43594 D | ACTUATOR ROLLER SPIDER | 1 |
| § 43595 D | ACTUATOR ROLLER SHAFT | 2 |
| § 43596 D | ACTUATOR ROLLER | 2 |
| § 43597 D | ACTUATOR THRUST WASHER | 2 |

§ - NOT SUPPLIED SEPARATELY

| PART NUMBER | DESCRIPTION | NO. USED PER ASSEMBLY |
|---|---|---|
| 45207 D | Injection Nozzle, Complete | |
| 25332 DC | Nozzle Jet Filter | 1 |
| 32493 D | Nozzle Bleeder Valve | 1 |
| 37148 D | Nozzle Valve Gasket | 2 |
| 37150 D | Nozzle Valve Spacer | 1 |
| 37152 D | Nozzle Valve and Spring, Complete | 1 |
| 42766 D | Nozzle Body | 1 |
| 42768 D | Nozzle Fitting | 1 |
| 43192 DA | Nozzle Injector Plate | 1 |
| | | |
| | | |
| | | |
| 46339 D | Exhaust Muffler Attachment (Hughes-Keenan Crane No. 24) (See Note ⊛) | |
| | (Factory Application only) | |
| 40142 D | Exhaust Muffler | 2 |
| 46644 DX | Exhaust Pipe with Flange | 2 |
| U 14284 | Exhaust Muffler Clamp | 2 |
| | Cap Screw, 5/16 x 2-1/4" N.F., Hex Head Bolt | 2 |
| | Hex Nut, 5/16" N.F. | 2 |
| | Lockwasher, 5/16" | 2 |
| | | |
| | | |
| | | |
| 46886 DX | Magneto Short-Circuiting Cable, Complete | |
| 27618 D | Magneto Short-Circuiting Cable Loom Clamp Ring | 2 |
| § 38094 D | Magneto Short-Circuiting Cable Loom | 1 |
| § 46886 D | Magneto Short-Circuitng Cable | 1 |
| | | |
| | | |
| | | |
| 49043 D | Automatic Trip Mechanism, Complete | |
| 5966 DAX | Automatic Trip Housing, Complete | 1 |
| 42724 D | Automatic Trip Drive Shaft Collar | 1 |
| 42726 DBX | Automatic Trip Clutch Spline with Bushings | 1 |
| 42727 DX | Automatic Trip Disc Drive Worm Gear with Pin | 1 |
| 42729 DX | Automatic Trip Disc with Pin | 1 |
| 42731 DA | Automatic Trip Disc Spring | 1 |
| 42732 D | Automatic Trip Disc Shaft | 1 |
| 42734 D | Automatic Trip Drive Shaft | 1 |
| 42735 D | Automatic Trip Control Shaft | 1 |
| 42736 D | Automatic Trip Control Shaft Spacer | 1 |
| 42737 D | Automatic Trip Control Shaft Retainer | 1 |
| 42739 DA | Automatic Trip Clutch Lever Pin | 1 |
| 42739 DA | Automatic Trip Control Lever Pin | 1 |
| 42740 DA | Automatic Trip Clutch Yoke | 1 |
| 42741 DB | Automatic Trip Yoke Spring | 1 |
| 42743 D | Automatic Trip Clutch Yoke Pin | 2 |
| 42745 DA | Automatic Trip Control Lever | 1 |
| 46710 DB | Automatic Trip Return Spring | 1 |
| 47928 D | Automatic Trip Clutch | 1 |
| 47930 D | Automatic Trip Clutch Stop | 1 |
| 47931 D | Automatic Trip Clutch Stop Washer | x |
| 48240 DA | Automatic Trip Clutch Lever | 1 |
| 2058-3/4 T | Automatic Drive Shaft Collar Pin | 1 |
| 4167 T | Automatic Drive Shaft Collar Key | 1 |
| 43222 VA | Automatic Trip Disc Shaft Pin | 1 |
| | Hex. Nut, 1/4" N.F. | 2 |
| | Lockwasher, 1/4" | 2 |

§ - Not supplied separately  Note ⊛ - For Tabulation of Modification, See Introduction Page  X - As required

| PART NUMBER | DESCRIPTION | MFR'S. NUMBER | NO. USED PER ASSEMBLY |
|---|---|---|---|
| 49440 D | GOVERNOR CONTROL FIELD CHANGE PACKAGE | | 1 |
| 41597 D | GOVERNOR CONTROL LEVER HANDLE | | 1 |
| 48912 D | GOVERNOR CONTROL IDLER STOP PLUNGER SPRING SUPPORT | | 1 |
| 48913 D | GOVERNOR CONTROL LEVER LOCK | | 1 |
| 48914 D | GOVERNOR CONTROL LEVER AND SHAFT, COMPLETE | | 1 |
| EI 324 | GOVERNOR CONTROL LEVER LOCK PIN | | 1 |
| S-3 63-1/2 | GOVERNOR CONTROL LEVER LOCK PIVOT PIN | | 1 |
| | COTTER PIN, 1/8 x 3/4" | | 1 |
| | CAP SCREW, 3/8 x 3/4" N.C., SQUARE HEAD | | 2 |
| | HEX NUT, 3/8" N.C., "B" TYPE | | 2 |
| | LOCKWASHER, 3/8" | | 2 |
| | | | |
| | | | |
| | | | |
| 49710 DX-12 | INJECTION PUMP, COMPLETE (BOSCH) | | 1 |
| 32348 D | INJECTION PUMP DRIVE FLANGE | | 1 |
| 33275 D | TIMING COUPLER ADJUSTER | | 1 |
| § 49710 D | INJECTION PUMP, COMPLETE | | 1 |
| | CAP SCREW, 3/8 x 9/16" N.F. HEX. HEAD | | 2 |
| | LOCKWASHER, 3/8" | | 2 |
| | | | |
| | | | |
| | | | |
| 50281 D | STEERING CLUTCH ACTUATOR OIL TUBE, COMPLETE | | |
| § 41709 D | STEERING CLUTCH ACTUATOR OIL TUBE | | 1 |
| § 41738 D | STEERING CLUTCH ACTUATOR OIL TUBE COUPLING | | 1 |
| § 50118 D | STEERING CLUTCH ACTUATOR OIL TUBE BRACKET | | 1 |
| | | | |
| | | | |
| | | | |
| 50391 D | STEERING CLUTCH SHAFT, COMPLETE | | |
| 40877 DB | STEERING CLUTCH SHAFT | | 1 |
| 50092 D | STEERING CLUTCH PILOT BEARING RETAINER BOLT WRENCH | | 1 |
| 50098 DAX | STEERING CLUTCH PILOT BEARING RETAINER WITH PIN, 57750 D | | 1 |
| 50099 D | STEERING CLUTCH PILOT BEARING RETAINER BOLT | | 1 |
| | LOCKWASHER, 1/2" | | 1 |
| | | | |
| | | | |
| | | | |
| 50760 D | RADIATOR SHUTTER CONTROL CRANK BRACKET, COMPLETE | | |
| § 50761 D | RADIATOR SHUTTER CONTROL CRANK BRACKET | | 1 |
| § 50762 D | RADIATOR SHUTTER CONTROL CRANK THREADED COLLAR | | 1 |
| § 50767 D | RADIATOR SHUTTER CONTROL CRANK THREADED COLLAR PIN | | 1 |
| | | | |
| | | | |
| | | | |
| 51338 D | WATER TRAP, COMPLETE (43115) | | |
| 54760 D | WATER TRAP BAIL, ASSEMBLY | 43115-7 | 1 |
| 54761 D | WATER TRAP SCREEN | 43115-11 | 1 |
| 54762 D | WATER TRAP TUBE | 43115-14 | 1 |
| 54763 D | WATER TRAP GASKET | 43115-15 | 1 |
| 54764 D | WATER TRAP GLASS BOWL | 43115-16 | 1 |
| 54765 D | WATER TRAP BODY WITH DOWELS, 51339 D | 43115-18 | 1 |
| 54766 D | WATER TRAP VENT SCREW | 43115-19 | 1 |
| | | | |
| | | | |
| | | | |
| | | | |

§ NOT SUPPLIED SEPARATELY.

## DETAILS OF ASSEMBLY

| PART NUMBER | DESCRIPTION | NO. USED PER ASSEMBLY |
|---|---|---|
| 52414 DA | GEAR SHIFT HOUSING COMPLETE WITH LEVERS, FORKS, ETC. | |
| 4596 D | GEAR SHIFT RAIL POPPET BALL | 3 |
| 5938 DAX | HI-LO GEAR SHIFT LEVER | 1 |
| | CAP SCREW, 1/2 x 1-5/8" N.C. HEX. HEAD | 1 |
| | LOCKWASHER, 1/2" | 1 |
| § 9456 D | GEAR SHIFT HOUSING | 1 |
| 11373 D | GEAR SHIFT LEVER SWIVEL HOUSING SHIELD SPRING STOP, UPPER | 1 |
| 13115 D | GEAR SHIFT LEVER SWIVEL SHAFT PLUG | 2 |
| 13722 D | GEAR SHIFT RAIL POPPET BALL | 3 |
| 17053 D | HI-LO GEAR SHIFT ARM SHAFT OIL SEAL | 1 |
| 17700 D | GEAR SHIFT LEVER SWIVEL HOUSING SHIELD SPRING STOP, LOWER | 1 |
| 29547 D | GEAR SHIFT LEVER SWIVEL HOUSING SHIELD SPRING | 1 |
| § 40465 D | GEAR SHIFT LEVER SWIVEL SHAFT - LARGE | 1 |
| § 40466 D | GEAR SHIFT LEVER SWIVEL SHAFT - SMALL | 1 |
| 42496 DX | GEAR SHIFT LEVER SWIVEL HOUSING SHIELD | 1 |
| 42512 DAX | GEAR SHIFT LEVER OR 67350 D | 1 |
| 42517 D | GEAR SHIFT RAIL GUIDE - FRONT | 1 |
| | CAP SCREW, 3/8 x 1" N.C. HEX. HEAD | 4 |
| 42518 D | GEAR SHIFT RAIL GUIDE - REAR | 1 |
| | CAP SCREW, 3/8 x 1" N.C. HEX. HEAD | 2 |
| 62780 DX | GEAR SHIFT RAIL GUIDE BOLT LOCK SET | 1 |
| 64163 D | GEAR SHIFT RAIL POPPET BALL SPRING | 3 |
| 64603 D | GEAR SHIFT BOOT | 1 |
| 64604 D | GEAR SHIFT BOOT CLAMP | 1 |
| | STOVE BOLT, No. 8-32 x 3/4" ROUND HEAD (CADMIUM PLATED) | 1 |
| | STOVE BOLT NUT, No. 8-32 SQUARE (CADMIUM PLATED) | 1 |
| 64606 D | HI-LO GEAR SHIFT ARM | 1 |
| | CAP SCREW, 1/2 x 1-1/4" N.F. HEX. HEAD | 1 |
| | LOCKWASHER, 1/2" | 1 |
| 64607 D | HI-LO GEAR SHIFT ARM SHAFT | 1 |
| 64608 D | HI-LO GEAR SHIFT ARM KEY | 1 |
| 64609 D | HI-LO GEAR SHIFT ARM SHAFT WASHER | 1 |
| 64611 D | HI-LO RANGE GEAR SHIFT RAIL AND FORK, COMPLETE | 1 |
| 64613 D | LOW AND REVERSE GEAR SHIFT RAIL AND FORK, COMPLETE | 1 |
| 64615 D | SECOND AND THIRD GEAR SHIFT RAIL AND FORK, COMPLETE | 1 |
| 7220 T | HI-LO GEAR SHIFT LEVER KEY | 1 |
| 23007 V | HI-LO GEAR SHIFT ARM SHAFT PLUG | 1 |
| | | |
| | | |
| 52424 DD | TRACK FRAME, COMPLETE, L.H. | 1 |
| 5860 DA | TRACK FRAME GUIDE SPACER | 1 |
| 41789 D | TRACK FRAME CENTER SPACER | 2 |
| 41790 D | TRACK FRAME OUTER SPACER | 2 |
| 41791 D | TRACK FRAME ANGLE, L.H. | 1 |
| 41793 DA | TRACK FRAME SIDE CHANNEL, INNER, L.H. | 1 |
| 52420 DA | TRACK FRAME SIDE CHANNEL, OUTER, L.H. | 1 |
| 52423 D | TRACK FRAME GUSSET | 2 |
| | | |
| | | |
| 52425 DD | TRACK FRAME, COMPLETE, R.H. | 1 |
| 5860 DA | TRACK FRAME GUIDE SPACER | 1 |
| 41789 D | TRACK FRAME CENTER SPACER | 2 |
| 41790 D | TRACK FRAME OUTER SPACER | 2 |
| 41791 D | TRACK FRAME ANGLE, R.H. | 1 |
| 41794 DA | TRACK FRAME SIDE CHANNEL, INNER, R.H. | 1 |
| 52421 DA | TRACK FRAME SIDE CHANNEL, OUTER, R.H. | 1 |
| 52423 D | TRACK FRAME GUSSET | 2 |
| | | |

§ NOT SUPPLIED SEPARATELY.

| PART NUMBER | DESCRIPTION | NO. USED PER ASSEMBLY |
|---|---|---|
| 52439 DB | STEERING CLUTCH AND ACTUATOR FIELD CHANGE SERVICE PACKAGE | |
| 5714 DDX | STEERING CLUTCH DRUM, COMPLETE | 2 |
| 5849 DAX | STEERING CLUTCH SHIFTER FORK, L.H. WITH ROLLER COMPLETE, 41735 D AND 41736 D | 1 |
| 5850 DAX | STEERING CLUTCH SHIFTER FORK, R.H. WITH ROLLER COMPLETE, 41735 D AND 41736 D | 1 |
| 5896 D | STEERING CLUTCH RELEASE SHAFT BEARING | 2 |
| 40877 DB | STEERING CLUTCH SHAFT | 2 |
| 40891 DB | STEERING CLUTCH, COMPLETE | 1 |
| 40928 D | DRIVE BEVEL GEAR BEARING CAGE CAP FILLER GASKET | 4 |
| 40929 D | DRIVE BEVEL GEAR BEARING CAP GASKET | 2 |
| 41708 DC | STEERING CLUTCH RELEASE ACTUATOR | 2 |
| 41764 DA | STEERING CLUTCH RELEASE LEVER RETURN SPRING | 2 |
| 42001 D | STEERING CLUTCH RELEASE SHAFT BEARING FELT WASHER | 2 |
| 42245 D | STEERING CLUTCH RELEASE ACTUATOR GASKET | 2 |
| 42933 DA | STEERING CLUTCH RELEASE ACTUATOR PACK-UP SPRING | 2 |
| 42934 DAX | STEERING CLUTCH RELEASE ACTUATOR CARRIER SLEEVE 42934 DA WITH OIL SEAL, | |
| | 40880 D AND PIN, 47237 D | 2 |
| 48178 D | STEERING CLUTCH SHAFT COUPLING BOLT LOCK | 6 |
| 48910 D | STEERING CLUTCH RELEASE ACTUATOR ADJUSTING LOCK | 2 |
| 50092 D | STEERING CLUTCH PILOT BEARING RETAINER BOLT WRENCH | 1 |
| 50098 DAX | STEERING CLUTCH PILOT BEARING RETAINER WITH PIN, 57750 D | 2 |
| 50099 D | STEERING CLUTCH PILOT BEARING RETAINER BOLT | 2 |
| 50822 D | STEERING CLUTCH SHAFT COUPLING BOLT | 2 |
| 53233 DA | STEERING CLUTCH RELEASE ACTUATOR THRUST BEARING | 2 |
| | CAP SCREW, 3/8 x 7/8" N.C. HEX. HEAD - ON ACTUATOR | 6 |
| | CAP SCREW, 3/8 x 1" N.C. HEX. HEAD - ON ACTUATOR ADJUSTING LOCK | 4 |
| | CAP SCREW, 1/2 x 2" N.F. HEX. HEAD - ON SHIFTER FORKS | 4 |
| | CAP SCREW, 5/8 x 1-1/4" N.F. HEX. HEAD - ON DRUM | 16 |
| | LOCKWASHER, 3/8" | 10 |
| | LOCKWASHER, 1/2" | 4 |
| | LOCKWASHER, 5/8" | 16 |
| | | |
| | | |
| 52613 D | INJECTION NOZZLE, COMPLETE | |
| 32493 D | NOZZLE BLEEDER VALVE | 1 |
| 37148 D | NOZZLE VALVE GASKET | 3 |
| 37150 D | NOZZLE VALVE SPACER | 1 |
| 37152 DA | NOZZLE VALVE AND SPRING, COMPLETE | 1 |
| 42766 D | NOZZLE BODY | 1 |
| 43192 DA | NOZZLE INJECTOR PLATE | 1 |
| 52612 D | NOZZLE FITTING | 1 |
| | | |
| | | |
| | | |
| 54264 D | STEERING CLUTCH ACTUATOR PRESSURE SPRING AND STEERING CLUTCH CONTROL FIELD CHANGE | |
| | SERVICE PACKAGE | |
| 8548 D | STEERING CLUTCH RELEASE LEVER | 2 |
| 43588 DA | STEERING CLUTCH ACTUATOR CUSHION PLATE WITH FRICTION FACING, COMPLETE | 2 |
| 51612 DXA | STEERING CLUTCH PRESSURE PLATE, WITH OIL RETAINER AND PLATE | 1 |
| 54238 DA | STEERING CLUTCH PRESSURE SPRING | 2 |
| 54239 D | STEERING CLUTCH OPERATING ROD BUMPER SPRING | 2 |
| 54240 D | STEERING CLUTCH OPERATING ROD BUMPER SPRING STRAP | 2 |
| 54241 D | STEERING CLUTCH OPERATING ROD BUMPER SPRING GUIDE | 2 |
| 54242 D | STEERING CLUTCH OPERATING ROD WITH WASHER | 2 |
| 54243 D | STEERING CLUTCH RELEASE LEVER PIN | 2 |
| | CAP SCREW, 1/2 x 2-1/2" N.F. HEX. HEAD | 2 |
| | HEX. NUT, 1/2" N.F. | 2 |
| | LOCKWASHER, 1/2" | 2 |

| PART NUMBER | DESCRIPTION | NO. USED PER ASSEMBLY |
|---|---|---|
| 54277 D | Steering Clutch Pressure Spring Replacement Package | |
| 8548 D | Steering Clutch Release Lever | 2 |
| 54238 DA | Steering Clutch Pressure Spring | 2 |
| 54239 D | Steering Clutch Operating Rod Bumper Spring | 2 |
| 54240 D | Steering Clutch Operating Rod Bumper Spring Strap | 2 |
| 54241 D | Steering Clutch Operating Rod Bumper Spring Guide | 2 |
| 54242 DX | Steering Clutch Operating Rod with Washer | 2 |
| 54243 D | Steering Clutch Release Lever Pin | 2 |
| | | |
| | | |
| 54308 DX | Inspection Cover Oil Filler Cap | |
| § 54308 D | Oil Hole Cover | 1 |
| § 54309 D | Oil Filter Shell | 1 |
| 54310 D | Oil Filler Snap Ring | 1 |
| 54311 D | Oil Filler Plate | 1 |
| 54312 D | Oil Filler Filtering Element | 1 |
| § 56575 D | Oil Filter Cup | 1 |
| | | |
| | | |
| | | |
| 54388 D | Governor Shaft Sleeve with Bearing, Complete | |
| 54389 D | Governor Shaft Sleeve, Complete | 1 |
| 54393 D | Governor Shaft Sleeve Bearing | 2 |
| 54394 D | Governor Shaft Sleeve Thrust Bearing | 2 |
| 54395 D | Governor Shaft Sleeve Sliding Ring | 1 |
| 54396 D | Governor Shaft Nut, Sleeve End | 1 |
| 54397 D | Governor Shaft Sleeve Washer | 1 |
| | | |
| | | |
| 54389 D | Governor Shaft Sleeve, Complete | |
| § 54390 D | Governor Shaft Sleeve | 1 |
| § 54391 D | Governor Shaft Sleeve Thrust Washer, Small | 1 |
| § 54392 D | Governor Shaft Sleeve Thrust Washer, Large | 1 |
| | | |
| | | |
| 54408 DA | Drive Gear, Assembly | |
| 54409 DA | Drive Gear Hub | 1 |
| 54410 D | Drive Gear | 1 |
| 54411 D | Spacer | 1 |
| 54414 DB | Governor Drive Spring Disc | 1 |
| 54415 D | Gear Adjusting Nut Lockwasher | 1 |
| 54416 D | Gear Adjusting Nut | 1 |
| | | |
| | | |
| | | |
| 54527 D | Stop Plate Bridge, Complete | 1 |
| 54424 DX | Stop Plate with Pin and Screen | 1 |
| 54428 D | Stop Plate Bridge | 1 |
| 55428 DA | Stop Plate Screen Washer | 3 |
| | Hex Nut, 1/4" N.F. | 2 |
| | | |
| | | |
| 54560 DAX | Lubricating Oil Gauge Rod, Complete | |
| § 54560 DA | Oil Gauge Rod | 1 |
| § 54561 D | Knob | 1 |
| | Rivet, 1/8 x 5/16" Countersunk Head | 1 |
| | | |
| | | |

§ Not Supplied Separately.

| PART NUMBER | DESCRIPTION | NO. USED PER ASSEMBLY |
|---|---|---|
| 54618 D | FUEL SUPPLY PUMP ASSEMBLY | |
| § 40382 D | PUMP HOUSING | 1 |
| § 40383 D | PLUNGER | 1 |
| 40385 D | INLET AND OUTLET VALVE | 2 |
| 40386 D | TAPPET SHELL | 1 |
| § 40387 D | SPINDLE | 1 |
| 40388 D | TAPPET WRIST PIN | 1 |
| 40390 D | TAPPET ROLLER | 1 |
| § 40393 D | PLUNGER SPRING | 1 |
| 40395 D | TAPPET SPRING | 1 |
| 40397 D | VALVE SPRING RETAINER SCREW | 2 |
| 43189 D | SECURING PIN | 1 |
| 54371 D | VALVE SPRING | 2 |
| 54595 D | REDUCTION NIPPLE | 2 |
| 54620 DX | PLUNGER SPRING RETAINER SCREW WITH PLUG | 1 |
| 54625 D | DRIVE GEAR, ASSEMBLY | |
| 54410 DA | DRIVE GEAR | 1 |
| 54411 D OR 54412 D OR 54413 D | SPACER | 1 |
| 54414 DA | GOVERNOR DRIVE SPRING DISC | 2 |
| 54415 D | GEAR ADJUSTING NUT LOCKWASHER | 1 |
| 54416 D | GEAR ADJUSTING NUT | 1 |
| 54626 D | DRIVE GEAR HUB | 1 |
| 54910 D | FUEL INJECTION PIPES, COMPLETE | |
| 54911 DX | INJECTION PIPE, CYLINDER NO. 1, COMPLETE | 1 |
| 54912 DX | INJECTION PIPE, CYLINDER NO. 2, COMPLETE | 1 |
| 54913 DX | INJECTION PIPE, CYLINDER NO. 3, COMPLETE | 1 |
| 54914 DX | INJECTION PIPE, CYLINDER NO. 4, COMPLETE | 1 |
| 54915 DX | INJECTION PIPE, CYLINDER NO. 5, COMPLETE | 1 |
| 54916 DX | INJECTION PIPE, CYLINDER NO. 6, COMPLETE | 1 |
| 54911 DX | INJECTION PIPE, CYLINDER NO. 1, COMPLETE | |
| § 25342 DB | INJECTION PIPE NUT | 2 |
| § 27926 DA | INJECTION PIPE CLAMP BLOCK | 1 |
| § 27889 DA | INJECTION PIPE WASHER | 2 |
| § 54911 D | INJECTION PIPE CYLINDER, NO. 1 | 1 |

§ - NOT SUPPLIED SEPARATELY

| PART NUMBER | DESCRIPTION | NO. USED PER ASSEMBLY |
|---|---|---|
| 54912 DX | INJECTION PIPE, CYLINDER NO. 2, COMPLETE | |
| § 25342 DB | INJECTION PIPE NUT | 2 |
| § 27889 DA | INJECTION PIPE WASHER | 2 |
| § 54912 D | INJECTION PIPE, CYLINDER, NO. 2 | 1 |
| 54913 DX | INJECTION PIPE, CYLINDER NO. 3, COMPLETE | |
| § 25342 DB | INJECTION PIPE NUT | 2 |
| § 27889 DA | INJECTION PIPE WASHER | 2 |
| § 54913 D | INJECTION PIPE, CYLINDER NO. 3 | 1 |
| 54914 DX | INJECTION PIPE, CYLINDER NO. 4, COMPLETE | |
| § 25342 DB | INJECTION PIPE NUT | 2 |
| § 27889 DA | INJECTION PIPE WASHER | 2 |
| § 54914 D | INJECTION PIPE, CYLINDER NO. 4 | 1 |
| 54915 DX | INJECTION PIPE, CYLINDER NO. 5, COMPLETE | |
| § 25342 DB | INJECTION PIPE NUT | 2 |
| § 27889 DA | INJECTION PIPE WASHER | 2 |
| § 54915 D | INJECTION PIPE, CYLINDER NO. 5 | 1 |
| 54916 DX | INJECTION PIPE, CYLINDER NO. 6, COMPLETE | |
| § 25342 DB | INJECTION PIPE NUT | 2 |
| § 27926 DA | INJECTION PIPE CLAMP BLOCK | 1 |
| § 27889 DA | INJECTION PIPE WASHER | 2 |
| § 54916 D | INJECTION PIPE, CYLINDER NO. 6 | 1 |
| 54922 DAXA 12 | INJECTION PUMP, COMPLETE (BOSCH) | |
| 12736 D | INJECTION PUMP SEAL, LONG | 2 |
| 33275 D | TIMING COUPLER ADJUSTER | 1 |
| 38026 DMX | FUEL PIPE CONNECTOR | 3 |
| 54634 D | OPERATING LEVER | 1 |
| 54909 D | INJECTION PUMP DRIVE FLANGE | 1 |
| § 54922 DA 12 | INJECTION PUMP | 1 |
| 59708 D | INJECTION PUMP OIL LEVEL CORK | 1 |
| 0 40 | INJECTION PUMP SEAL, SHORT | 1 |
| 40255 D | DELIVERY VALVE PROTECTION CAP | 6 |
| 40255 | OVERFLOW VALVE PROTECTION CAP | 1 |
| | FUEL PUMP FITTING PLUG XXX QUALITY CORK #1-15/16 x 7/16 x 5/8" LONG } FOR SHIPPING ONLY | 3 |
| 61901 D | LUBRICATING OIL OVERFLOW ELBOW PLUG | 1 |
| | CAP SCREW, 3/8 x 9/16" HEX HEAD | 2 |
| | LOCKWASHER, 3/8" | 2 |
| 54955 DX | BRACKET AND LOCK, ASSEMBLY | |
| 54954 D | ADJUSTING LOCK PIN | 1 |
| 54955 D | ADJUSTING LOCK BRACKET | 1 |
| 54956 D | ADJUSTING LOCK SPRING | 1 |
| 54957 D | ADJUSTING LOCK | 1 |
| | RIVET, 3/16 x 17/32" FLAT HEAD | 2 |

§ NOT SUPPLIED SEPARATELY.

| PART NUMBER | DESCRIPTION | NO. USED PER ASSEMBLY |
|---|---|---|
| 55517 D | Bosch Injection Pump Field Change Package | |
| 8528 D | Governor Control Bell Crank | 1 |
| 19306 D | Governor Control Rod Pin | 1 |
| 27927 DA | Injection Pipe Brace Washer | 2 |
| 37323 DX | Fuel Filter Pipe Elbow with Nut, 37165 D | 1 |
| 38026 DMX | Fuel Pipe Connector with Nut, 37165 D | 4 |
| 42406 DX | Fuel Return Tube Elbow with Nut, 37165 D | 1 |
| 42411 DX | Fuel Pipe Elbow with Nut, 37165 D | 1 |
| 42797 DAX | Fuel Filter to Injection Pump Pipe with 2 Nuts, 37165 D | 1 |
| 42981 DA | Governor Control Rod Trunnion | 1 |
| 52128 D | Inspection Pump Overflow Pipe Clip | 1 |
| 54122 DX | Governor Control Rod, Lower with Yoke | 1 |
| 54123 DX | Governor Control Rod, Upper with Welded End and Yoke | 1 |
| 54124 D | Governor Control Rod Trunnion Guide | 1 |
| 54125 D | Governor Control Rod Spring | 2 |
| 54909 D | Injection Pump Drive Flange | 1 |
| 54910 D | Set of 6 Fuel Injection Pipes, Complete | 1 |
| 54917 DX | Fuel Supply Pump to Filter Pipe with 2 Nuts, 37165 D | 1 |
| 54922 DXA-12 | Injection Pump, Complete | 1 |
| 54928 DX | Injection Pump Overflow Pipe with Nut, 29898 D | 1 |
| 54977 DX | Fuel Tube with 2 Nuts, 37165 D | 1 |
| 54978 DX | Fuel Return Tube with 2 Nuts, 37165 D | 1 |
| 14611 H | Governor Control Rod Pin | 1 |
| | Cap Screw, 3/8 x 1-1/4" N.C. Hex. Head - on Injection Pump | 6 |
| | Hex. Nut, 5/16" N.F. - on Injection Pipe Clamp Blocks | 2 |
| | Hex. Nut, 5/16" N.F. - on Governor Control Rod, Lower | 2 |
| | Lockwasher, 5/16" | 2 |
| | Lockwasher, 3/8" | 6 |
| | Steel Washer, 13/32" I.D. x 3/4" O.D. x No. 16 Ga. (Q 1597) | 2 |
| | Cotter Pin, 1/32 x 1/2" | 1 |
| | Cotter Pin, 1/16 x 7/16" | 1 |
| | Cotter Pin, 3/32 x 5/8" | 1 |
| | | |
| | | |
| | | |
| 56123 D | Fuel Supply Pump, Complete | |
| 40385 D | Inlet and Outlet Valve | 2 |
| 40386 D | Tappet Shell | 1 |
| 40388 D | Tappet Wrist Pin | 1 |
| 40390 D | Tappet Roller | 1 |
| 40395 D | Tappet Spring | 1 |
| 40397 D | Valve Spring Retainer Screw | 2 |
| 43189 D | Securing Pin | 1 |
| $ 54365 D | Plunger | 1 |
| 54366 D | Plunger Spring | 1 |
| 54367 D | Plunger Spring Retainer Screw with Plug | 1 |
| $ 54370 D | Spindle | 1 |
| 54371 D | Valve Spring | 2 |
| $ 56124 D | Pump Housing | 1 |
| | | |
| | | |
| 56124 DY | Fuel Supply Pump Housing with Plunger and Spindle | |
| $ 54362 D | Valve Seat | 1 |
| $ 54363 D | Screw Plug | 1 |
| $ 54365 D | Plunger | 1 |
| $ 54370 D | Spindle | 1 |
| $ 56124 D | Housing | 1 |

$ Not Supplied Separately

| PART NUMBER | DESCRIPTION | NO. USED PER ASSEMBLY |
|---|---|---|
| 56133 D | TRACK ROLLER, COMPLETE (SINGLE FLANGE) | |
| 5733 D | TRACK ROLLER OIL SCUPPER | 1 |
| 5734 DY | TRACK ROLLER CARRIER SET, COMPLETE | 1 |
| 37290 D | TRACK ROLLER LUBRICATOR OR 17829 DA | 1 |
| 41402 DA | TRACK ROLLER (SINGLE FLANGE) | 1 |
| 52422 D | TRACK ROLLER SHAFT | 1 |
| | | |
| | | |
| 56134 D | TRACK ROLLER, COMPLETE (DOUBLE FLANGE) | |
| 5733 D | TRACK ROLLER OIL SCUPPER | 1 |
| 5734 DY | TRACK ROLLER CARRIER SET, COMPLETE | 1 |
| 37290 D | TRACK ROLLER LUBRICATOR OR 17829 DA | 1 |
| 41400 DA | TRACK ROLLER (DOUBLE FLANGE) | 1 |
| 52422 D | TRACK ROLLER SHAFT | 1 |
| | | |
| | | |
| 56473 D | TRANSMISSION FIELD CHANGE IMPROVEMENT PACKAGE | |
| 18501 DA | HI-LO RANGE IDLER BEARING RETAINER REAR BOLT | 1 |
| 18511 D | HI-LO RANGE IDLER BALL BEARING, REAR | 1 |
| 41660 D | HI-LO RANGE IDLER SHAFT RETAINER GASKET | 1 |
| 41668 DA | TRANSMISSION END COVER GASKET | 1 |
| 42552 D | MAIN FRAME COVER GASKET | 1 |
| 56465 D | HI-LO RANGE IDLER BEARING RETAINER, REAR | 2 |
| 56467 D | HI-LO RANGE IDLER SHAFT | 1 |
| 56468 D | HI-LO RANGE IDLER GEAR | 1 |
| | HEX. NUT, 3/8" N.F. (CASTELLATED) - ON BEARING RETAINER BOLT | 1 |
| | COTTER PIN, 3/32 x 3/4" | 1 |
| | | |
| | | |
| 56996 DX | CAMSHAFT ASSEMBLIES (3 SETS) AND CAM BLOCK (6 SETS) | |
| § 37947 DA | RETAINER PLATE | 6 |
| § 38960 D | ROLLER - LARGE | 6 |
| § 38961 D | ROLLER - SMALL | 12 |
| § 43210 D | CAM SHAFTS | 3 |
| 43248 D | CAM BLOCKS (SET - 6) WITH LOCKS AND SCREWS | 1 |
| § 54963 D | FELT PLUG | 6 |
| Q 3627 | CAMSHAFT LUBRICATOR | 3 |
| | | |
| | | |
| 56999 DA | CRANKCASE, COMPLETE, 6542 DEX WITH GOVERNOR CONTROL RODS | |
| 6542 DEX | CRANKCASE WITH STUDS AND CAMSHAFT BEARINGS | 1 |
| 54123 DX | GOVERNOR CONTROL ROD, UPPER WITH WELDED END AND YOKE | 1 |
| 56689 D | GOVERNOR CONTROL ROD BELL CRANK STUD | 1 |
| 57244 DX | GOVERNOR CONTROL ROD, LOWER WITH YOKE | 1 |
| | | |
| | | |
| 57000 D | CRANKCASE, 6542 DEX WITH GOVERNOR CONTROL RODS | |
| 6542 DBX | CRANKCASE WITH STUDS AND CAMSHAFT BEARINGS | 1 |
| 56689 D | GOVERNOR CONTROL ROD BELL CRANK STUD | 1 |
| 56690 DX | GOVERNOR CONTROL ROD, LOWER WITH YOKE | 1 |
| 56691 DX | GOVERNOR CONTROL ROD, UPPER WITH WELDED END AND YOKE | 1 |
| | | |
| | | |
| 57100 DXA | MAIN FRAME COVER WITH STIFFENER | |
| § 42546 DA | MAIN FRAME COVER STIFFENER | 2 |
| § 42551 D | OIL LEVEL GAUGE RING | 1 |
| § 57100 D | MAIN FRAME COVER | 1 |
| | GROMMET NUT, 1/2" N.C. | 14 |

§ NOT SUPPLIED SEPARATELY.

| PART NUMBER | DESCRIPTION | NO. USED PER ASSEMBLY |
|---|---|---|
| 57101 DX | STEERING CLUTCH RELEASE FORK LOWER BEARING GREASE TUBE, COMPLETE | |
| 35252 DX | STEERING CLUTCH RELEASE FORK LOWER BEARING GREASE TUBE CONNECTOR, 35252 D WITH | |
| | NUT, 29899 D | 1 |
| § 50118 D | STEERING CLUTCH RELEASE FORK LOWER BEARING GREASE TUBE BRACKET | 1 |
| § 57101 D | STEERING CLUTCH RELEASE FORK LOWER BEARING GREASE TUBE | 1 |
| | | |
| 57103 DX | STEERING CLUTCH RELEASE BEARING GREASE TUBE, COMPLETE | |
| § 41738 D | STEERING CLUTCH RELEASE BEARING GREASE TUBE COUPLING | 1 |
| § 50118 D | STEERING CLUTCH RELEASE BEARING GREASE TUBE BRACKET | 1 |
| § 57103 D | STEERING CLUTCH RELEASE BEARING GREASE TUBE | 1 |
| | | |
| 57311 DX | LIGHTINH SWITCH, COMPLETE | 1 |
| 57311 D | LIGHTING SWITCH | 1 |
| 57312 D | LIGHTING SWITCH NUT | 1 |
| 57313 D | LIGHTING SWITCH KNOB | 1 |
| 49425 H | LIGHTING SWITCH LOCKWASHER (SHAKEPROOF) No. 8 | 1 |
| 64022 H | LIGHTING SWITCH SCREW | 1 |
| | | |
| 57724 D | FRONT IDLER CARRIER FIELD CHANGE IMPROVEMENT PACKAGE | |
| 5875 DBX | FRONT IDLER CARRIER WITH 2 BUSHINGS | 4 |
| 15944 D | FRONT IDLER CARRIER BOLT NUT | 12 |
| 19574 D | FRONT IDLER CARRIER BOLT LOCKWASHER | 12 |
| 41869 D | FRONT IDLER CARRIER GASKET | 4 |
| 57734 D | FRONT IDLER CARRIER BOLT | 12 |
| | | |
| | | |
| 58199 DA | DASH AND COWL, COMPLETE | |
| § 42550 D | CHOKE ROD REAR HOLDER BRACKET | 1 |
| § 42550 D | COMPRESSION RELEASE LEVER SPRING ANCHOR | 1 |
| § 42555 D | HOOD AND SIDE SHEET SUPPORT TAPPING BLOCK | 2 |
| § 42556 D | DASH COWL | 1 |
| § 52411 D | COMPRESSION RELEASE LEVER BRACKET | 1 |
| § 58379 DA | DASH | 1 |
| | GROMMET NUT, 3/8" N.C. | 6 |
| | GROMMET NUT, 1/2" N.F. | 2 |
| | | |
| | | |
| 58400 D | FUEL INJECTION PUMP FIELD CHANGE PACKAGE | |
| 5986 D | INJECTION PUMP BRACKET | 1 |
| 12736 D | INJECTION PUMP SEAL, LONG | 2 |
| 37323 DX | FUEL PIPE ELBOW WITH NUT, 37165 D | 1 |
| 38026 DMX | FUEL PIPE CONNECTOR WITH NUT, 37165 D | 4 |
| 42797 DAX | FUEL FILTER TO INJECTION PUMP PIPE WITH 2 NUTS, 37165 D | 1 |
| 52128 D | INJECTION PUMP OVERFLOW PIPE CLIP | 1 |
| 54909 D | INJECTION PUMP DRIVE FLANGE | 1 |
| 54910 DX | SET OF 6 INJECTION PIPES, COMPLETE | 1 |
| 54917 DX | FUEL SUPPLY PUMP TO FILTER PIPE WITH 2 NUTS, 37165 D | 1 |
| 54922 DXA-12 | INJECTION PUMP, COMPLETE | 1 |
| 54928 DX | INJECTION PUMP OVERFLOW PIPE WITH NUT, 29898 D | 1 |
| 55869 DX | INJECTION PUMP INLET PIPE WITH 2 NUTS, 37165 D | 1 |
| 0 40 | INJECTION PUMP SEAL, SHORT | 1 |
| | CAP SCREW, 3/8 x 7/8" N.C. HEX. HEAD - ON INJECTION PUMP | 4 |
| | CAP SCREW, 1/2 x 1-1/2" N.C. HEX. HEAD - THROUGH INJECTION PUMP BRACKET | 4 |
| | HEX. NUT, 5/16" N.F. - ON INJECTION PIPE CLAMP BLOCKS | 2 |
| | LOCKWASHER, 5/16" | 2 |
| | LOCKWASHER, 3/8" | 4 |
| | LOCKWASHER, 1/2" | 4 |
| | STEEL WASHER, 13/32" I.D. x 3/4" O.D. x No. 16 GA. (Q 1597) | 1 |

§ NOT SUPPLIED SEPARATELY

| PART NUMBER | DESCRIPTION | NO. USED PER ASSEMBLY |
|---|---|---|
| 58950 D | EQUALIZER SPRING, COMPLETE | |
| § 41458 D | EQUALIZER SPRING CENTER BOLT | X |
| 58951 D | EQUALIZER SPRING LEAF NO. 1 | X |
| 58952 D | EQUALIZER SPRING LEAF NO. 2 | X |
| 58953 D | EQUALIZER SPRING LEAF NO. 3 | X |
| 58954 D | EQUALIZER SPRING LEAF NO. 4 | X |
| 59009 DA | STEERING CLUTCH, COMPLETE | |
| | SAME AS 40891 DD, EXCEPT | |
| 40882 D | STEERING CLUTCH DRIVING DISC (19 USED INSTEAD OF 17) | |
| 58957 D | STEERING CLUTCH FRICTION DISC - INSTEAD OF 40883 DB | 20 |
| 59291 D | THREE MAN CAB AND SEAT ATTACHMENT | |
| 51151 D | THREE MAN SEAT | 1 |
| 59292 D | THREE MAN CAB ATTACHMENT | 1 |
| 59293 D | SKELETON CAB ATTACHMENT | |
| 8935 D | AIR PIPE - ON AIR CLEANER | 1 |
| 8943 D | AIR PIPE ADAPTER | 1 |
| 59299 D | SKELETON CAB | 1 |
| | CAP SCREW, 3/8 x 7/8" N.C. HEX. HEAD - FOR AIR PIPE | 3 |
| | LOCKWASHER, 3/8" | 3 |
| 59553 DX | RIGID TRACK FRAME CROSS BAR | |
| § 59540 D | RIGID TRACK FRAME CROSS BAR LUG | 4 |
| § 59553 D | RIGID TRACK FRAME CROSS BAR | 1 |
| § 59554 D | RIGID TRACK FRAME CROSS BAR ANGLE, FRONT | 2 |
| § 59555 D | RIGID TRACK FRAME CROSS BAR ANGLE, REAR | 2 |

§ - NOT SUPPLIED SEPARATELY

X - AS REQUIRED

| PART NUMBER | DESCRIPTION | NO. USED PER ASSEMBLY |
|---|---|---|
| 59566 D | RIGID TRACK FRAME ATTACHMENT | |
| 8969 D | RIGID TRACK FRAME CROSS BAR WEDGE CLAMP | 2 |
| 8980 D | RIGID TRACK FRAME CROSS BAR CLAMP | 1 |
| 8981 D | RIGID TRACK FRAME CROSS BAR CLAMP SUPPORT | 1 |
| 8982 DX | TRACK IDLER SUPPORT FRONT, L.H., WITH CORKS | 1 |
| 8983 DX | TRACK IDLER SUPPORT FRONT, R.H., WITH CORKS | 1 |
| 8984 D | RIGID TRACK FRAME CROSS BAR BRACKET, L.H. | 1 |
| 8985 D | RIGID TRACK FRAME CROSS BAR BRACKET, R.H. | 1 |
| 41442 D | RIGID TRACK FRAME CROSS BAR BRACKET "U" BOLT NUT | 4 |
| 59550 D | RIGID TRACK FRAME CROSS BAR WEDGE BOLT | 2 |
| 59551 D | RIGID TRACK FRAME CROSS BAR WEDGE BOLT LOCK | 2 |
| 59553 DX | RIGID TRACK FRAME CROSS BAR, COMPLETE | 1 |
| 59556 D | RIGID TRACK FRAME CROSS BAR DOWEL | 1 |
| 59557 D | RIGID TRACK FRAME CROSS BAR CLAMP DOWEL BOLT | 4 |
| 59557 D | RIGID TRACK FRAME CROSS BAR CLAMP SUPPORT DOWEL BOLT | 2 |
| 59558 D | RIGID TRACK FRAME CROSS BAR CLAMP SHIM (EXTRA-HEAVY) | 2 |
| 59559 D | RIGID TRACK FRAME CROSS BAR CLAMP SHIM (HEAVY) | 2 |
| 59560 D | RIGID TRACK FRAME CROSS BAR CLAMP SHIM (MEDIUM) | 4 |
| 59561 D | RIGID TRACK SPRING GUARD, L.H. | 1 |
| 59562 D | RIGID TRACK SPRING GUARD, R.H. | 1 |
| 59563 D | RIGID TRACK FRAME CROSS BAR BRACKET DOWEL | 4 |
| 59564 D | RIGID TRACK FRAME CROSS BAR BRACKET "U" BOLT | 2 |
| 59565 D | RIGID TRACK FRAME CROSS BAR WEDGE | 2 |
| | CAP SCREW, 3/4 x 4-1/4" N.F. HEX. HEAD - THROUGH TRACK IDLER SUPPORTS, FRONT | 2 |
| | CAP SCREW, 7/8 x 2-1/2" N.F. HEX. HEAD - THROUGH TRACK IDLER SUPPORTS, FRONT | 16 |
| | CAP SCREW, 7/8 x 2-1/2" N.F. HEX. HEAD - THROUGH CROSS BAR CLAMP | 6 |
| | CAP SCREW, 7/8 x 2-1/2" N.F. HEX. HEAD - THROUGH CROSS BAR CLAMP SUPPORT | 3 |
| | HEX. NUT, 3/4" N.F. | 2 |
| | LOCKWASHER, 3/4" | 2 |
| | LOCKWASHER, 7/8" | 31 |
| | LOCKWASHER, 1" | 4 |
| | STEEL WASHER, 1-3/32" I.D. x 1-1/2" O.D. x No. 9 GA. | 2 |
| 59762 DX | GOVERNOR FORK SHAFT, COMPLETE | |
| 59734 DA | GOVERNOR FORK KEY | 1 |
| § 59762 D | GOVERNOR FORK SHAFT | 1 |
| 59763 D | GOVERNOR FORK SHAFT NUT | 1 |
| 64060 D | TORQUE LEVER KEY | 1 |
| 59784 DA | TORQUE SPRING ARM, COMPLETE | |
| § 59785 D | TORQUE ARM | 1 |
| § 61944 D | TORQUE ARM LEVER | 1 |
| § 61945 D | TORQUE ARM LEVER HUB | 1 |
| 60256 DXA | STEERING BRAKE BAND, FRONT, COMPLETE | |
| § 41481 D | STEERING BRAKE BAND SPRING ANCHOR | 1 |
| 41483 DA | STEERING BRAKE BAND LINING | 1 |
| § 68535 D | STEERING BRAKE BAND, FRONT | 1 |
| 21407 H | STEERING BRAKE BAND LINING RIVET, SHORT | 13 |
| 61175 V | STEERING BRAKE BAND LINING RIVET, LONG | 3 |

§ NOT SUPPLIED SEPARATELY.

## DETAILS OF ASSEMBLY

| PART NUMBER | DESCRIPTION | NO. USED PER ASSEMBLY |
|---|---|---|
| 60257 DXA | STEERING BRAKE BAND, CENTER, COMPLETE | |
| 41483 DA | STEERING BRAKE BAND LINING | 1 |
| § 60257 D | STEERING BRAKE BAND, CENTER | 1 |
| 21407 H | STEERING BRAKE BAND LINING RIVET, SHORT | 14 |
| 61175 V | STEERING BRAKE BAND LINING RIVET, LONG | 2 |
| | | |
| | | |
| 60258 DXA | STEERING BRAKE BAND, REAR, COMPLETE | |
| 41483 DA | STEERING BRAKE BAND LINING | 1 |
| § 65356 D | STEERING BRAKE BAND, REAR | 1 |
| 21407 H | STEERING BRAKE BAND LINING RIVET, SHORT | 13 |
| 61175 V | STEERING BRAKE BAND LINING RIVET, LONG | 3 |
| 60261 D | STEERING BRAKE BAND AND ADJUSTING BOLT COLLAR | 1 |
| | | |
| 60260 DA | STEERING BRAKE BANDS, COMPLETE | |
| 60256 DXA | STEERING BRAKE BAND, FRONT, COMPLETE | 1 |
| 60257 DXA | STEERING BRAKE BAND, CENTER, COMPLETE | 1 |
| 60278 DXA | STEERING BRAKE BAND, REAR, COMPLETE | 1 |
| 60259 D | STEERING BRAKE BAND JOINT PIN | 2 |
| | COTTER PIN, 1/8 x 1-1/8" | 2 |
| | | |
| | | |
| 60262 D | HEAVY STEERING BRAKE BAND FIELD CHANGE IMPROVEMENT PACKAGE | |
| 41496 D | STEERING BRAKE BAND RELEASE SPRING WASHER | 2 |
| 41497 D | STEERING BRAKE BAND RELEASE SPRING | 2 |
| 41498 D | STEERING BRAKE BAND ADJUSTING BOLT WASHER | 2 |
| 41499 D | STEERING BRAKE BAND ADJUSTING BOLT | 2 |
| 41500 DA | STEERING BRAKE BAND PIVOT JOINT PIN | 2 |
| 60259 D | STEERING BRAKE BAND JOINT PIN | 4 |
| 60260 DA | STEERING BRAKE BANDS, COMPLETE | 2 |
| | HEX. NUT, 3/8" N.F. - ON BRAKE BAND ADJUSTING BOLT | 2 |
| | COTTER PIN, 3/16 x 1-1/2" | 2 |
| | | |
| 60734 D | FIELD IMPROVEMENT PACKAGE FOR BOSCH TYPE "A" INJECTION PUMP | |
| 12736 D | INJECTION PUMP SEAL, LONG | 2 |
| 13897 D | FULCRUM YOKE PIVOT SCREW LOCKWASHER | 2 |
| 54364 DB | FUEL SUPPLY PUMP HOUSING GASKET | 1 |
| 54387 DB | GOVERNOR HOUSING GASKET | 1 |
| 54409 DA | DRIVE GEAR HUB | x |
| 54411 D | ADJUSTING SPACER | 1 |
| 54414 DA | GOVERNOR DRIVE SPRING DISC | 2 |
| 54415 D | GEAR ADJUSTING NUT LOCKWASHER | 1 |
| 54420 DA | GOVERNOR INSPECTION COVER GASKET | 1 |
| 54422 DAX | BUMPER SPRING WITH BUTTON | 1 |
| 54433 DB | GOVERNOR END COVER GASKET | 1 |
| 54451 DA | FULCRUM YOKE PIVOT SCREW | 2 |
| 54475 DAX | END CAP, 54475 DA WITH BEARING, 54476 DA | 1 |
| 54478 DB | END CAP GASKET | 1 |
| 54928 DAX | INJECTION PUMP OVERFLOW PIPE WITH NUT, 29898 D | 1 |
| 56119 DB | PUMP INSPECTION SIDE COVER GASKET | 1 |
| 60740 D | PUMP HOUSING BREATHER, COMPLETE | 1 |
| 60740 D | GOVERNOR HOUSING BREATHER, COMPLETE | 1 |
| 60741 D | GOVERNOR INSPECTION COVER | 1 |
| 60743 DX | OIL LEVEL EQUALIZING PIPE WITH 2 NUTS, 29899 D | 1 |
| 60745 D | GOVERNOR DRAIN TEE | 1 |
| 60746 D | INJECTION PUMP OIL LEVEL FITTING | 1 |
| 64121 D | INJECTION PUMP OVERFLOW PIPE CLIP, UPPER | 1 |
| 0 40 | FUEL INJECTION PUMP SEAL, SHORT | 1 |

§ NOT SUPPLIED SEPARATELY.

X AS REQUIRED

| PART NUMBER | DESCRIPTION | NO. USED PER ASSEMBLY |
|---|---|---|
| 60740 D | BREATHER, COMPLETE | |
| § 54310 D | BREATHER SPRING RING | 1 |
| § 54311 D | BREATHER PERFORATED PLATE | 1 |
| § 54312 D | BREATHER FILTERING ELEMENT | 1 Oz. |
| § 61107 DX | BREATHER BUSHING | 1 |
| § 61109 D | BREATHER COVER | 1 |
| § 61110 D | BREATHER SHELL | 1 |
| | | |
| | | |
| | | |
| 60856 D | BOSCH TYPE "B" INJECTION PUMP IMPROVEMENT PACKAGE | |
| 12736 D | INJECTION PUMP SEAL, LONG | 2 |
| 22828 D | INJECTION PUMP OVERFLOW PIPE CUP SPACER | 1 |
| 22891 D | FULCRUM YOKE PIVOT SCREW LOCKWASHER | 2 |
| 40233 DA | FUEL SUPPLY PUMP HOUSING GASKET | 1 |
| 50608 D | INJECTION PUMP OVERFLOW PIPE CLIP, UPPER | 1 |
| 50980 DAX | INJECTION PUMP OVERFLOW PIPE WITH NUT, 29898 D | 1 |
| 54411 D | ADJUSTING SPACER | 1 |
| 54414 DB | GOVERNOR DRIVE SPRING DISC | 1 |
| 54415 D | GEAR ADJUSTING NUT LOCKWASHER | 1 |
| 54420 DA | GOVERNOR INSPECTION COVER GASKET | 1 |
| 54422 DAX | BUMPER SPRING WITH BUTTON | 1 |
| 54433 DB | GOVERNOR END COVER GASKET | 1 |
| 54451 DA | FULCRUM YOKE PIVOT SCREW | 2 |
| 54475 DAX | END CAP, 54475 DA AND BEARING, 54476 DA | 1 |
| 54478 DB | END CAP GASKET | 1 |
| 54575 DA | PUMP INSPECTION SIDE COVER GASKET | 1 |
| 54624 DA | GOVERNOR HOUSING GASKET | 1 |
| 54626 DA | DRIVE GEAR HUB | X |
| 60740 D | GOVERNOR HOUSING BREATHER, COMPLETE | 1 |
| 60740 D | PUMP HOUSING BREATHER, COMPLETE | 1 |
| 61315 D | GOVERNOR DRIVE SPRING DISC SPRING | 1 |
| 0 40 | INJECTION PUMP SEAL, SHORT | 1 |
| | | |
| 60870 D | WATER TRAP, COMPLETE | 1 |
| 9118 DX | WATER TRAP TOP WITH PLUG, 24805 D | 1 |
| 60871 DA | WATER TRAP VENT SCREW | 1 |
| 60872 D | WATER TRAP SCREEN | 1 |
| 60876 D | WATER TRAP GASKET | 1 |
| 60877 D | WATER TRAP GLASS | 1 |
| 60878 DX | WATER TRAP BAIL | 1 |
| | | |
| 60878 DX | WATER TRAP BAIL, COMPLETE | |
| § 60878 D | WATER TRAP BAIL | 1 |
| § 60879 D | WATER TRAP BAIL TAPPING BLOCK | 1 |
| § 60880 D | WATER TRAP GLASS RETAINER | 1 |
| § 60882 D | WATER TRAP THUMB SCREW WITH SCREW SHANK AND SCREW HEAD | 1 |
| | | |
| 61177 D | TRACK FRAME, COMPLETE, L.H. | |
| 61179 D | TRACK FRAME SIDE CHANNEL, INNER, L.H. | 1 |
| 61183 D | TRACK FRAME SIDE CHANNEL, OUTER, L.H. | 1 |
| 61181 D | TRACK FRAME SIDE CHANNEL REINFORCING PLATE, INNER, L.H. | 1 |
| 61185 D | TRACK FRAME SIDE CHANNEL REINFORCING PLATE, OUTER, L.H. | 1 |
| 41789 D | TRACK FRAME CENTER SPACER | 2 |
| 61187 D | TRACK FRAME SPACER, FRONT | 1 |
| 41790 D | TRACK FRAME SPACER, REAR | 1 |
| 41791 D | TRACK FRAME ANGLE, L.H. | 1 |
| 52423 D | TRACK FRAME GUSSET | 1 |

§ NOT SUPPLIED SEPARATELY.

X AS REQUIRED.

| PART NUMBER | DESCRIPTION | NO. USED PER ASSEMBLY |
|---|---|---|
| 61178 D | TRACK FRAME, COMPLETE, R.H. | |
| 61180 D | TRACK FRAME SIDE CHANNEL, INNER, R.H. | 1 |
| 61184 D | TRACK FRAME SIDE CHANNEL, OUTER, R.H. | 1 |
| 61182 D | TRACK FRAME SIDE CHANNEL REINFORCING PLATE, INNER, R.H. | 1 |
| 61186 D | TRACK FRAME SIDE CHANNEL REINFORCING PLATE, OUTER, R.H. | 1 |
| 41789 D | TRACK FRAME CENTER SPACER | 2 |
| 61187 D | TRACK FRAME SPACER, FRONT | 1 |
| 41790 D | TRACK FRAME SPACER, REAR | 1 |
| 41792 D | TRACK FRAME ANGLE, R.H. | 1 |
| 52423 D | TRACK FRAME GUSSET | 1 |
| | | |
| | | |
| 61198 D | TRACK, COMPLETE | 2 |
| 40976 DB | TRACK LINK, L.H. | 80 |
| 40977 DB | TRACK LINK, R.H. | 78 |
| 40 978 DB | TRACK MASTER LINK | 2 |
| 40979 D | TRACK MASTER LINK PIN | 2 |
| 40980 DB | TRACK MASTER LINK PIN LOCK WIRE | 2 |
| 40981 D | TRACK LINK BUSHING | 80 |
| 40982 D | TRACK LINK PIN | 78 |
| | | |
| | | |
| | | |
| 61207 D | INJECTION NOZZLE FIELD IMPROVEMENT PACKAGE | |
| 42765 DA | NOZZLE BODY RETAINER | 6 |
| 42766 D | NOZZLE BODY | 6 |
| 42767 D | NOZZLE BODY GASKET | 6 |
| 61208 D | NOZZLE BODY DUST SEAL | 6 |
| 61209 D | NOZZLE BODY RETAINER DUST SEAL | 6 |
| | | |
| | | |
| | | |
| | | |
| 61299 DX 12 | INJECTION PUMP, COMPLETE | |
| 12736 D | INJECTION PUMP SEAL, LONG | 3 |
| 33275 D | TIMING COUPLING ADJUSTER | 1 |
| 37323 DX | PRIMARY PUMP OUTLET ELBOW | 1 |
| 37323 DX | INJECTION PUMP INLET ELBOW | 1 |
| 50607 DX | PRIMARY PUMP INLET ELBOW | 1 |
| 54909 D | INJECTION PUMP DRIVE FLANGE | 1 |
| § 61299 D 12 | INJECTION PUMP | 1 |
| 0 40 | INJECTION PUMP SEAL, SHORT | 1 |
| 40255 D | DELIVERY VALVE HOLDER PROTECTION CAP } FOR | 6 |
| | OVERFLOW VALVE PROTECTION CAP (SEE 54372 D) } SHIPPING | 1 |
| | FUEL PUMP FITTING PLUG XXX QUALITY CORK, 5/16 x 7/16 x 5/8" LONG } ONLY | 3 |
| 61961 D | LUBRICATING OIL OVERFLOW ELBOW PLUG | 1 |
| | CAP SCREW, 3/8 x 5/8" HEX HEAD | 2 |
| | LOCKWASHER, 3/8" | 2 |
| | | |
| | | |
| 61919 DX | INJECTION PUMP HOUSING, COMPLETE | |
| 54299 D | CONTROL ROD BUSHING | 2 |
| 59708 D | INJECTION PUMP LUBRICATING OIL LEVEL COCK | 1 |
| § 61919 D | INJECTION PUMP HOUSING | 1 |
| 61956 D | INJECTION PUMP FUEL SUPPLY PUMP STUD | 3 |
| 61958 D | INJECTION PUMP LUBRICATING OIL DRAIN PLUG | 1 |
| 61959 DX | INJECTION PUMP HOUSING BAFFLE | 1 |
| | PIPE PLUG, 3/8" STANDARD | 2 |

§ - NOT SUPPLIED SEPARATELY

| PART NUMBER | DESCRIPTION | NO. USED PER ASSEMBLY |
|---|---|---|
| 61926 DAX | PLUNGER BUSHING CLAMP, COMPLETE | |
| § 59661 D | FUEL RETURN CHECK | 1 |
| § 59662 D | FUEL RETURN CHECK SEAT | 1 |
| § 61926 DA | PLUNGER BUSHING CLAMP | 1 |
| | | |
| | | |
| 61947 DXA | TORQUE SPRING SEAT, COMPLETE | |
| § 61947 D | TORQUE SPRING SEAT 21° | 1 |
| § 61949 D | TORQUE SPRING SEAT LUG | 1 |
| § 61950 D | TORQUE SPRING HOLDER | 1 |
| § 65217 D | TORQUE SPRING SEAT END | 1 |
| | | |
| | | |
| 62125 D | FUEL SUPPLY PUMP, COMPLETE | 2 |
| 40385 D | FUEL SUPPLY PUMP VALVE INLET AND OUTLET | 2 |
| 40386 D | FUEL SUPPLY PUMP TAPPET SHELL | 1 |
| 40388 D | FUEL SUPPLY PUMP TAPPET WRIST PIN | 1 |
| 40390 D | FUEL SUPPLY PUMP TAPPET ROLLER | 1 |
| 40395 D | FUEL SUPPLY PUMP TAPPET SPRING | 1 |
| 40397 D | FUEL SUPPLY PUMP VALVE SPRING RETAINER SCREW | 2 |
| 43189 D | FUEL SUPPLY PUMP SECURING PIN | 1 |
| 54366 D | FUEL SUPPLY PUMP PLUNGER SPRING SCREW GASKET | 1 |
| 54367 D | FUEL SUPPLY PUMP PLUNGER SPRING RETAINER SCREW WITH PLUG | 1 |
| 54371 D | FUEL SUPPLY PUMP VALVE SPRING | 2 |
| 61111 D | FUEL SUPPLY PUMP PLUNGER SPRING RETAINER | 1 |
| 62126 DY | FUEL SUPPLY PUMP HOUSING PLUNGER AND SPINDLE | 1 |
| 62129 D | VALVE SPRING RETAINER SCREW GASKET | 2 |
| | PIPE PLUG, 1/4" (FOR SHIPPING ONLY) | 2 |
| | | |
| 62126 DY | FUEL SUPPLY PUMP HOUSING PLUNGER AND SPINDLE, COMPLETE | |
| 54365 D | FUEL SUPPLY PUMP PLUNGER | 1 |
| 54370 D | FUEL SUPPLY PUMP SPINDLE | 1 |
| § 62126 D | FUEL SUPPLY PUMP HOUSING | 1 |
| | | |
| 62193 D | GOVERNOR DRIVE GEAR WITH HUB, COMPLETE | |
| 54411 D | GOVERNOR DRIVE GEAR SPRING DISC ADJUSTING SPACER (.035") | x |
| 54412 D | GOVERNOR DRIVE GEAR SPRING DISC ADJUSTING SPACER (.049") | x |
| 54413 D | GOVERNOR DRIVE GEAR SPRING DISC ADJUSTING SPACER (.065") | x |
| 54416 D | GOVERNOR DRIVE GEAR HUB NUT | 1 |
| 62194 D | GOVERNOR DRIVE GEAR HUB | 1 |
| 62195 D | GOVERNOR DRIVE GEAR | 1 |
| 62196 D | GOVERNOR DRIVE GEAR SPRING DISC, INNER | 1 |
| 62197 D | GOVERNOR DRIVE GEAR SPRING DISC, OUTER | 1 |
| 62198 D | GOVERNOR DRIVE GEAR HUB NUT LOCK | 1 |
| 62622 D | GOVERNOR DRIVE GEAR SPRING DISC ADJUSTING SPACER (.020") | x |
| | | |
| 62201 D | GOVERNOR END COVER, COMPLETE | |
| 54435 D | GOVERNOR END COVER BUSHING | 2 |
| 54434 D | GOVERNOR END COVER OIL SEAL | 2 |
| § 62202 D | GOVERNOR END COVER | 1 |
| 62207 D | GOVERNOR END COVER DOWEL PIN | 2 |
| 62208 D | GOVERNOR BUMPER SPRING | 1 |
| 67980 H | SHAKEPROOF WASHER | 1 |
| | MACHINE SCREW 12-24 x 5/16" FILLISTER HEAD (CADMIUM PLATED) | 1 |
| | | |
| 62229 DX | GOVERNOR SLEEVE, COMPLETE | |
| § 62229 D | GOVERNOR SLEEVE | 1 |
| § 62230 D | GOVERNOR SLEEVE BUSHING | 1 |
| § 62231 D | GOVERNOR SLEEVE BALL THRUST BEARING | 1 |

§ - NOT SUPPLIED SEPARATELY

x - AS REQUIRED

| PART NUMBER | DESCRIPTION | NO. USED PER ASSEMBLY |
|---|---|---|
| 62237 DX | Fulcrum Lever with Pin, Complete | |
| § 62237 D | Fulcrum Lever, Complete | 1 |
| § 62238 D | Fulcrum Lever Side Member, Long | 1 |
| § 62239 D | Fulcrum Lever Side Member, Short | 1 |
| § 62240 D | Fulcrum Lever Spacer | 1 |
| § 62241 D | Fulcrum Lever Plate | 1 |
| 62242 D | Fulcrum Lever Pivot Pin (Ship Loose) | 2 |
| | Rivet, 3/16" Dia. x 11/16" Flat Head | 1 |
| 62256 DX | Governor Operating Lever Shaft, Complete | |
| § 62256 D | Governor Operating Lever Shaft | 1 |
| § 62257 D | Governor Operating Lever Stop | 1 |
| § 62258 D | Governor Operating Lever Pin | 1 |
| 62263 DX | Governor Operating Lever, Complete | |
| § 62263 D | Governor Operating Lever | 1 |
| 62264 D | Governor Operating Lever Bolt | 1 |
| 62265 D | Governor Operating Lever Bolt Nut | 1 |
| 137142 | Cotter Pin, 1/16 x 5/8" (Salt Blackened) | 1 |
| 62267 DX | Stop Plate Bridge, Complete | |
| 55428 DA | Governor Stop Plate Screw Washer | 1 |
| 62267 D | Governor Stop Plate Bridge | 1 |
| 62268 DX | Governor Stop Plate with Pin and Screw | 1 |
| 62268 DX | Governor Stop Plate, Complete | |
| § 62268 D | Governor Stop Plate | 1 |
| § 62269 D | Governor Stop Plate Pin | 1 |
| § 62629 D | Governor Stop Plate Screw | 1 |
| 62366 D | **Transmission Spline Shaft with Sliding Gears** | |
| 41644 DB | Hi-Lo Range Sliding Gear | 1 |
| 41649 DB | Second, Third, Fifth and Sixth Sliding Gear | 1 |
| 41653 DB | Reverse First and Fourth Sliding Gear | 1 |
| 41654 DX | **Transmission Spline Shaft with Bushing, 41671 D** | 1 |
| 62401 D | **Equalizer Spring Bumper Pad Bracket, Complete** | |
| 9166 D | **Equalizer Spring Bumper Pad Bracket, L.H.** | 1 |
| 9167 D | **Equalizer Spring Bumper Pad Bracket, R.H.** | 1 |
| 9176 DX | **Equalizer Spring Saddle, Upper with Wearing Pad, 41440 D and 2 Countersunk Head Rivets, 3/8 x 1-1/2"** | 1 |
| 58955 DA | **Equalizer Spring Bumper Pad** | 2 |
| 62402 D | Equalizer Spring Bumper Pad Bracket, Complete | |
| 8941 D | Equalizer Spring Bumper Pad Bracket, L.H. | 1 |
| 8942 D | Equalizer Spring Bumper Pad Bracket, R.H. | 1 |
| 58955 DA | Equalizer Spring Bumper Pad | 2 |

§ Not Supplied Separately

| PART NUMBER | DESCRIPTION | NO. USED PER ASSEMBLY |
|---|---|---|
| 62490 D | Heavy Front Idler Attachment (Special) (Factory Application Only) | |
| 5873 D | Front Idler Guide Cross Plate | 1 |
| 9162 D | Front Idler | 2 |
| 40976 DB | Track Link, L.H. | 2 |
| 40977 DB | Track Link, R.H. | 2 |
| 40981 D | Track Link Bushing | 2 |
| 40982 DA | Track Link Pin | 2 |
| 40986 DB | Track Shoe Bolt | 8 |
| 40985 DA | Track Shoe, 18" | 2 |
| 58075 DA | Track Shoe Nut | 8 |
| 61192 D | Front Idler Guide Spacer | 4 |
| 62497 D | Front Idler Adjuster | 2 |
| 65124 D | Track | 1 |
| 65125 D | Track with Shoes, 18" | 1 |
| | | |
| | | |
| | | |
| | | |
| 62578 D | Crankshaft Rear Oil Seal Retainer, Complete | |
| 9269 D | Crankshaft Rear Oil Seal Retainer, Upper | 1 |
| 9270 D | Crankshaft Rear Oil Seal Retainer, Lower | 1 |
| 25076 D | Crankshaft Rear Oil Seal Retainer Dowel | 2 |
| 32308 D | Crankshaft Rear Oil Seal Retainer Gasket, Center | 2 |
| | Cap Screw, 3/8 x 3-1/2" N.C., Hex Head | 2 |
| | Steel Washer, 13/32" I.D. x 3/4" O.D. x No. 14 Ga. | 2 |
| | Lockwasher, 3/8" | 2 |
| | | |
| | | |
| | | |
| 62780 DX | Gear Shifter Rail Guide Support Bolt Lock Set | |
| 62780 D | Gear Shifter Rail Guide Support Rear Bolt Lock | 1 |
| 62781 D | Gear Shifter Rail Guide Front Bolt Lock, L.H. | 1 |
| 62782 D | Gear Shifter Rail Guide Front Bolt Lock, R.H. | 1 |
| | | |
| | | |
| | | |
| | | |
| 63007 D | Fan Belt Idler, Complete | |
| ST 262 | Fan Belt Idler Ball Bearing, Front (IHC) | 1 |
| 5987 DX | Fan Belt Idler Bracket | 1 |
| 5988 D | Fan Belt Idler Bearing Spacer | 1 |
| 5989 D | Fan Belt Idler Pulley | 1 |
| 13085 D | Fan Belt Idler Pulley Key | 1 |
| 42938 D | Fan Belt Idler Shaft | 1 |
| 42939 D | Fan Belt Idler Bearing Lock Ring | 1 |
| 42940 D | Fan Belt Idler Oil Seal | 1 |
| 42941 D | Fan Belt Idler Shaft Felt | 1 |
| 42942 D | Fan Belt Idler Shaft Felt Retainer | 1 |
| W 16210 | Fan Belt Idler Pulley Felt | 1 |
| Q 3615 | Fan Belt Idler Lubricator Fitting, 1/8" | 1 |
| ST 207 | Fan Belt Idler Bearing (IHC) | 1 |
| | | |
| | | |
| | | |
| 63678 D | Track Frame, Complete, L.H. | 1 |
| 41435 DB | Track Frame Guide | 1 |
| 52424 DD | Track Frame, Complete, L.H. | 1 |
| 59327 D | Track Frame Bolt | 2 |
| | Lockwasher, 1" | 2 |

## DETAILS OF ASSEMBLY

| PART NUMBER | DESCRIPTION | NO. USED PER ASSEMBLY |
|---|---|---|
| 64046 D | EXTENDED TRACK FRAME, COMPLETE | |
| 5733 D | TRACK ROLLER SCUPPER | 1 |
| 5734 D | TRACK ROLLER CARRIER | 1 |
| 5734 DY | TRACK ROLLER CARRIER SET | 1 |
| 5735 D | TRACK ROLLER SHAFT BRACKET, INNER | 2 |
| | HEX HEAD BOLT, 5/8 x 1-1/2" N.F. | 4 |
| | LOCKWASHER, 5/8" REGULAR N.T.P.P. | 4 |
| 8367 D | TRACK ROLLER SHAFT BRACKET, OUTER | 2 |
| | HEX HEAD BOLT, 5/8 x 1-1/2" N.F. | 4 |
| | LOCKWASHER, 5/8" REGULAR N.T.P.P. | 4 |
| 9162 D | FRONT IDLER | 2 |
| 37290 D | TRACK IDLER LUBRICATOR | 4 |
| | | |
| OR | | |
| 17829 DA | TRACK IDLER LUBRICATOR | 4 |
| 37290 D | FRONT IDLER LUBRICATOR | 2 |
| OR | | |
| 17829 DA | FRONT IDLER LUBRICATOR | 2 |
| 40976 DB | TRACK LINK, L.H. | 6 |
| 40977 DB | TRACK LINK, R.H. | 6 |
| 40981 D | TRACK LINK BUSHING | 6 |
| 40982 DA | TRACK LINK PIN | 6 |
| 40992 DA | TRACK ROLLER OIL SEAL | 24 |
| 40993 D | TRACK ROLLER FELT WASHER, OUTER | 24 |
| 41402 DA | TRACK ROLLER (SINGLE FLANGE TYPE) | 1 |
| 41403 D | TRACK ROLLER CARRIER BUSHING | 2 |
| 41405 DA | TRACK ROLLER SEALING WASHER, INNER | 24 |
| 41406 D | TRACK ROLLER CARRIER SNAP RING | 24 |
| 41408 D | TRACK ROLLER FELT WASHER, CENTER | 24 |
| 42183 D | FRONT WHEEL BEARING OIL SEAL | 1 |
| 52422 D | TRACK ROLLER SHAFT | 1 |
| 56133 D | TRACK ROLLER WITH SHAFT AND CARRIERS, COMPLETE (NOS. 1, 3, 5 AND 6) | 8 |
| 61177 D | TRACK FRAME, L.H., COMPLETE | 1 |
| 61178 D | TRACK FRAME, R.H., COMPLETE | 1 |
| 61191 DA | FRONT IDLER ADJUSTER ROD | 2 |
| | CAP SCREW, 5/8 x 1-1/2" HEX HEAD (CADMIUM PLATED) | 4 |
| | LOCKWASHER, 5/8" | 4 |
| 61192 D | FRONT IDLER GUIDE SPACER | 4 |
| 61193 DA | TRACK ROLLER SHIELD, OUTER, L.H. | 1 |
| | HEX HEAD BOLT, 5/8 x 1-1/4" N.F. | 13 |
| | LOCKWASHER, 5/8" REGULAR N.T.P.P. | 13 |
| 61194 DA | TRACK ROLLER SHIELD, OUTER, R.H. | 1 |
| | HEX HEAD BOLT, 5/8 x 1-1/4" N.F. | 13 |
| | LOCKWASHER, 5/8" REGULAR N.T.P.P. | 13 |
| 61195 DA | TRACK ROLLER SHIELD, INNER, L.H. | 1 |
| | HEX HEAD BOLT, 5/8 x 1-1/4" N.F. | 9 |
| | LOCKWASHER, 5/8" REGULAR N.T.P.P. | 9 |
| 61196 DA | TRACK ROLLER SHIELD, INNER, R.H. | 1 |
| | HEX HEAD BOLT, 5/8 x 1-1/4" N.F. | 9 |
| | LOCKWASHER, 5/8" REGULAR N.T.P.P. | 9 |
| 65118 D | TRACK | 2 |

| PART NUMBER | DESCRIPTION | NO. USED PER ASSEMBLY |
|---|---|---|
| 64174 D | GOVERNOR STOP PLATE, COMPLETE | |
| 55428 DA | GOVERNOR STOP PLATE WASHER | 2 |
| 64175 D | GOVERNOR STOP PLATE | 1 |
| 62267 D | | |
| OR | GOVERNOR STOP PLATE BRIDGE | 1 |
| 68625 D | | |
| | HEX NUT, 1/4" N.F., TYPE "D" | 2 |
| 64175 D | GOVERNOR STOP PLATE, COMPLETE WITH PIN AND SCREW | |
| § 62268 D | GOVERNOR STOP PLATE | 1 |
| § 62269 D | GOVERNOR STOP PLATE PIN | 1 |
| § 62629 D | GOVERNOR STOP PLATE SCREW | 1 |
| 64499 DA | SPROCKET DRIVE GEAR, COMPLETE | |
| 41879 DA | SPROCKET DRIVE GEAR CARRIER NUT | 1 |
| 64498 D | SPROCKET DRIVE GEAR | 2 |
| 41883 DA | SPROCKET DRIVE GEAR CARRIER | 2 |
| | RIVET, 5/8 x 2-1/2" ROUND HEAD | 12 |
| 64616 D | BEVEL PINION AND SHAFT WITH GEARS, COMPLETE | |
| 41645 D | 1ST, 2ND, 4TH; AND 5TH SPEED GEARS | 1 |
| 41646 D | 3RD AND 6TH SPEED GEARS | 1 |
| 41647 DB | REVERSE GEAR WITH SPACER, 52893 D | 1 |
| 41661 D | BEVEL PINION SHAFT KEY | 3 |
| 41663 D | BEVEL PINION AND SHAFT BEARING RETAINER, REAR | 1 |
| 41667 D | BEVEL PINION SHAFT SPACER | 1 |
| 53009 D OR | BEVEL PINION AND SHAFT BEARING, REAR | 1 |
| 70038 D | | |
| § 58074 D | DRIVE BEVEL GEAR | 1 |
| § 64617 D | BEVEL PINION AND SHAFT | 1 |

§ - NOT SUPPLIED SEPARATELY

| PART NUMBER | DESCRIPTION | NO. USED PER ASSEMBLY |
|---|---|---|
| 64633 D | Bevel Pinion and Shaft with Drive Bevel Gear | |
| 9457 D | Bevel Pinion Shaft Bearing Cage, Front | 1 |
| 53009 D | Bevel Pinion and Shaft Bearing, Rear | 1 |
| 55844 D | Bevel Pinion Shaft Bearing, Front | 1 |
| 64618 D | Bevel Pinion and Shaft with Drive Bevel Gear | 1 |
| 64621 D | Bevel Pinion Shaft Bearing Cage Front Stud | 2 |
| | Cap Screw, 1/2 x 2-1/4" N.C. Hex. Head | 4 |
| | Lockwasher, 1/2" | 4 |
| 64634 D | Bevel Pinion and Shaft Complete with Drive Bevel Gear | |
| 9457 D | Bevel Pinion Shaft Bearing Cage, Front | 1 |
| 55844 D | Bevel Pinion Shaft Bearing, Front | 1 |
| 64616 D | Bevel Pinion and Shaft with Gears, Complete | 1 |
| 64621 D | Bevel Pinion Shaft Bearing Cage Front Stud | 2 |
| | Cap Screw, 1/2 x 2-1/4" N.C. Hex. Head | 4 |
| | Lockwasher, 1/2" | 4 |
| 64636 D | Field Change Package - Clutch Coupling Bolt Lock and Gear Shifter Boot | |
| 40974 D | Engine Clutch Coupling Bolt Lock | 3 |
| 41693 D | Engine Clutch Coupling Ring Bolt Lock | 3 |
| 42552 D | Main Frame Cover Gasket | 1 |
| 64603 D | Gear Shifter Boot | 1 |
| 64604 D | Gear Shifter Boot Clamp | 1 |
| 64643 D | Injection Pump Breather, Complete | |
| 9453 D | Injection Pump Air Breather Body | 1 |
| 9454 D | Injection Pump Air Breather Body Cap | 1 |
| 64576 D | Injection Pump Air Breather Body Gasket | 1 |
| 64577 D | Injection Pump Air Breather Filter Element | 2 |
| 64578 D | Injection Pump Air Breather Filter Element Retainer | 1 |

| PART NUMBER | DESCRIPTION | NO. USED PER ASSEMBLY |
|---|---|---|
| 64716 D | GOVERNOR CONTROL, COMPLETE | |
| 6649 D | GOVERNOR CONTROL FRICTION DISC RETAINER | 1 |
| 9446 DAX | GOVERNOR CONTROL CROSS SHAFT BRACKET | 1 |
| 9449 DX | GOVERNOR CONTROL LEVER | 1 |
| 48356 D | GOVERNOR CONTROL FRICTION DISC | 2 |
| 48358 D | GOVERNOR CONTROL FRICTION DISC SPRING | 1 |
| 48359 D | GOVERNOR CONTROL FRICTION DISC SPRING NUT | 1 |
| 54971 D | GOVERNOR CONTROL LEVER PIN (SHIP LOOSE) | 1 |
| 64543 D | GOVERNOR CONTROL FRICTION PLATE | 1 |
| 64544 D | GOVERNOR CONTROL LOW IDLER INDICATING PIN | 1 |
| 64545 D | GOVERNOR CONTROL LOW IDLER INDICATING PIN SPRING | 1 |
| | | |
| | | |
| | | |
| 64813 DX | SPROCKET DRIVE CARRIER PLATE, L.H. | |
| § 35133 D | SPROCKET DRIVE CARRIER PLATE OIL FILLER HOLE REINFORCEMENT | 1 |
| § 64806 D | SPROCKET DRIVE CARRIER PLATE REINFORCEMENT RING | 1 |
| § 64813 D | SPROCKET DRIVE CARRIER PLATE, L.H. | 1 |
| § 64823 D | SPROCKET DRIVE CARRIER PLATE OIL DRAIN HOLE REINFORCEMENT | 1 |
| | PIPE PLUG, 3/4" COUNTERSUNK HEAD | 1 |
| | PIPE PLUG, 1-1/2" COUNTERSUNK HEAD | 1 |
| | | |
| | | |
| 64814 DX | SPROCKET DRIVE CARRIER PLATE, R.H. | |
| § 35133 D | SPROCKET DRIVE CARRIER PLATE OIL FILLER HOLE REINFORCEMENT | 1 |
| § 64806 D | SPROCKET DRIVE CARRIER PLATE REINFORCEMENT RING | 1 |
| § 64814 D | SPROCKET DRIVE CARRIER PLATE, R.H. | 1 |
| § 64823 D | SPROCKET DRIVE CARRIER PLATE OIL DRAIN HOLE REINFORCEMENT | 1 |
| | PIPE PLUG, 3/4" COUNTERSUNK HEAD | 1 |
| | PIPE PLUG, 1-1/2" COUNTERSUNK HEAD | 1 |
| | | |
| | | |
| 64997 D | FIELD CHANGE PACKAGE - CLUTCH COUPLING BOLT LOCK AND GEAR SHIFTER BOOT | |
| 40974 D | ENGINE CLUTCH COUPLING BOLT LOCK | 3 |
| 41693 D | ENGINE CLUTCH COUPLING RING BOLT LOCK | 3 |
| 42552 D | MAIN FRAME COVER GASKET | 1 |
| 64603 D | GEAR SHIFTER BOOT | 1 |
| 64604 D | GEAR SHIFTER BOOT CLAMP | 1 |
| | | |
| | | |
| 65100 D | TRACK, COMPLETE | 2 |
| 40976 DB | TRACK LINK, L.H. | 37 |
| 40977 DB | TRACK LINK, R.H. | 34 |
| 40978 DB | TRACK MASTER LINK | 3 |
| 40979 D | TRACK MASTER LINK PIN | 3 |
| 40980 DB | TRACK MASTER LINK PIN LOCKWIRE | 3 |
| 40981 D | TRACK LINK BUSHING | 37 |
| 40982 DA | TRACK LINK PIN | 34 |
| | | |
| 65100 DX | TRACK CHAIN, COMPLETE | 2 |
| 40977 DB | TRACK LINK, R.H. | 34 |
| 40978 DB | TRACK MASTER LINK | 3 |
| 40979 D | TRACK MASTER LINK PIN | 3 |
| 40980 DB | TRACK MASTER LINK PIN LOCKWIRE | 3 |
| 40981 D | TRACK LINK BUSHING | 37 |
| 40982 DA | TRACK LINK PIN | 34 |
| 40986 DA | TRACK SHOE BOLT | 148 |
| 40986 DB | TRACK LINK, L.H. | 37 |
| 58075 DA | TRACK SHOE NUT | 148 |
| | | |

§ - NOT SUPPLIED SEPARATELY

| PART NUMBER | DESCRIPTION | NO. USED PER ASSEMBLY |
|---|---|---|
| 65101 D | TRACK CHAIN, COMPLETE, WITH 18" SHOES | 2 |
| 40976 DB | TRACK LINK, L.H. | 37 |
| 40977 DB | TRACK LINK, R.H. | 34 |
| 40978 DB | TRACK MASTER LINK | 3 |
| 40979 D | TRACK MASTER LINK PIN | 3 |
| 40980 DB | TRACK MASTER LINK PIN LOCKWIRE | 3 |
| 40981 D | TRACK LINK BUSHING | 37 |
| 40982 DA | TRACK LINK PIN | 34 |
| 40985 DA | TRACK SHOES, 18" | 37 |
| 40986 DA | TRACK SHOE BOLT | 148 |
| 58075 DA | TRACK SHOE NUT | 148 |
| | | |
| | | |
| | | |
| | | |
| 65124 D | TRACK, COMPLETE (HEAVY FRONT IDLER) (SPECIAL) | 2 |
| 40976 DB | TRACK LINK, L.H. | 38 |
| 40977 DB | TRACK LINK, R.H. | 35 |
| 40978 DB | TRACK MASTER LINK | 3 |
| 40979 D | TRACK MASTER LINK PIN | 3 |
| 40980 DB | TRACK MASTER LINK PIN LOCKWIRE | 3 |
| 40981 D | TRACK LINK BUSHING | 38 |
| 40982 DA | TRACK LINK PIN | 35 |
| | | |
| | | |
| | | |
| 65125 D | TRACK, COMPLETE, WITH 18" SHOES (HEAVY FRONT IDLER) (SPECIAL) | 2 |
| 40976 DB | TRACK LINK, L.H. | 38 |
| 40977 DB | TRACK LINK, R.H. | 35 |
| 40978 DB | TRACK MASTER LINK | 3 |
| 40979 D | TRACK MASTER LINK PIN | 3 |
| 40980 DB | TRACK MASTER LINK PIN LOCKWIRE | 3 |
| 40981 D | TRACK LINK BUSHING | 38 |
| 40982 DA | TRACK LINK PIN | 35 |
| 40985 DA | TRACK SHOE, 18" | 38 |
| 40986 DA | TRACK SHOE BOLT | 152 |
| 58075 DA | TRACK SHOE NUT | 152 |
| | | |
| | | |
| | | |
| 65366 D | SET OF SPARK PLUG CABLES | |
| 46886 DX | MAGNETO SHORT CIRCUITING CABLE | 1 |
| 60659 D | SPARK PLUG CABLE NUMBER RING No. 1 | 1 |
| 60660 D | SPARK PLUG CABLE NUMBER RING No. 2 | 1 |
| 60661 D | SPARK PLUG CABLE NUMBER RING No. 3 | 1 |
| 60662 D | SPARK PLUG CABLE NUMBER RING No. 4 | 1 |
| 60663 D | SPARK PLUG CABLE NUMBER RING No. 5 | 1 |
| 60664 D | SPARK PLUG CABLE NUMBER RING No. 6 | 1 |
| 65335 D | SPARK PLUG CABLE, No. 3 | 1 |
| 65336 D | SPARK PLUG CABLE, No. 4 | 1 |
| 65340 D | SPARK PLUG CABLE, No. 6 | 1 |
| 65346 D | SPARK PLUG CABLE, No. 1 | 1 |
| 65347 D | SPARK PLUG CABLE, No. 2 | 1 |
| 65351 D | SPARK PLUG CABLE, No. 5 | 1 |
| | FRICTION TAPE, 3/4 x 8-1/2" LONG | 1 |
| | FRICTION TAPE, 3/4 x 4" LONG | 1 |
| | FRICTION TAPE, 3/4 x 3-1/2" LONG | 2 |
| | | |
| | | |
| | | |

| PART NUMBER | DESCRIPTION | NO. USED PER ASSEMBLY |
|---|---|---|
| 65383 D | Bosch Type "K" Injection Pump Field Change Package For Tractors in Field Having | |
| | Bosch Type "A" Pumps | 1 |
| 37165 D | Primary Pump Inlet Pipe Elbow Nut | 1 |
| 37323 D | Primary Pump Inlet Pipe Elbow | 1 |
| 61404 DX | Primary Pump Inlet Pipe, Complete | 1 |
| 61405 DX | Fuel Filter Inlet Pipe, Complete | 1 |
| 61406 DX | Fuel Filter Outlet Pipe, Complete | 1 |
| 61407 DX | Injection Pump Overflow Pipe, Complete | 1 |
| 61741 DX | Injection Pump Supply Tube, Complete | 1 |
| | | |
| | | |
| 65810 D | Intake Manifold and Air Valve Housing, Complete | |
| 5953 DX | Air Valve Housing | 1 |
| 5954 DX | Air Valve Housing Cover | 1 |
| 9561 DX | Intake Manifold | 1 |
| 42216 DX | Primer Spray Tube End | 2 |
| 42659 D | Air Valve Housing Gasket | 1 |
| 42660 DA | Air Valve | 1 |
| 42661 D | Air Valve Pin | 1 |
| 42662 D | Air Valve Pipe Retainer | 2 |
| 42663 D | Air Valve Spring | 1 |
| 42664 D | Air Valve Spring Washer | 1 |
| 42665 D | Air Valve Spring Cup | 1 |
| 42666 DX | Air Valve Spring Yoke | 1 |
| 42668 DA | Air Valve Spring Yoke Pin | 1 |
| 42669 D | Air Valve Spring Yoke Pivot | 1 |
| 42670 D | Air Valve Lever, Inner | 1 |
| 42671 D | Air Valve Lever Shaft | 1 |
| 42672 D | Air Valve Housing Gasket | 1 |
| 42771 D | Starting Primer Assembly | 1 |
| 43368 DX | Primer Center Pipe | 2 |
| 43369 DX | Primer End Pipe, L.H. | 1 |
| 43370 DX | Primer End Pipe, R.H. | 1 |
| 43371 DX | Primer Spray Tube | 2 |
| 43372 DX | Primer Pipe Tee | 2 |
| 64319 DX | Carburetor | 1 |
| 4167 T | Air Valve Lever Key | 1 |
| | Cap Screw, 7/16 x 1-1/4" N.C., Hex Head | 3 |
| | Lockwasher, 7/16" | 3 |
| | Cap Screw, 3/8 x 1" N.C., Hex Head | 8 |
| | Lockwasher, 3/8" | 8 |
| | Cap Screw, 5/16 x 1" N.F., Hex Head | 1 |
| | Lockwasher, 5/16" | 1 |
| | Plain Washer, 13/32" I.D. x 3/4" O.D. x No. 16 ga. | 4 |
| | Cotter Pin, 1/16 x 5/8" | 2 |
| | | |
| | | |
| 66108 DC | Primary Pump, Complete | |
| 59741 DA | Primary Pump Pressure Gear | 1 |
| 59742 DX | Primary Pump Idler Gear with Bushing, 59730 DA | 1 |
| 59743 D | Scavenging Pump Drive Gear | 1 |
| 59744 D | Primary Pump Scavenging Gasket (.006) | x |
| 64060 D | Primary Pump Shaft Key | 2 |
| 64871 D | Primary Pump Scavenging Gasket (.006) | x |
| 65210 D | Primary Pump Shaft Snap Ring | 1 |
| 67922 D | Primary Pump Filter, Complete | 1 |
| | Slotted Screw, 3/8" | 8 |
| | | |
| | | |

| PART NUMBER | DESCRIPTION | NO. USED PER ASSEMBLY |
|---|---|---|
| *66111 DA | PLUNGER UNIT, COMPLETE | |
| 59609 D | PLUNGER BUSHING RETAINER FLANGE DOWEL | 1 |
| 59623 D | PLUNGER BUSHING SCREW | 2 |
| 59624 D | PLUNGER BUSHING SCREW GASKET | 2 |
| 59633 D | PLUNGER SPRING | 1 |
| 59633 D | FUEL RETURN CHECK SPRING | 1 |
| 59634 D | PLUNGER SPRING SEAT | 1 |
| 59650 DA | FUEL FILTER ELEMENT | 1 |
| 59652 D | PLUNGER BUSHING CLAMP SEAL | 1 |
| 59664 D | FUEL RETURN CHECK SPRING SEAT | 1 |
| 59665 D | FUEL RETURN CHECK SPRING LOCK | 1 |
| 61926 DBX | PLUNGER BUSHING CLAMP, COMPLETE | 1 |
| 64679 D | PLUNGER BUSHING CLAMP LOCK | 1 |
| 66392 D | CHECK AND REVERSE CHECK VALVE BLOCK, COMPLETE | 1 |
| 255017 R11 | PLUNGER | 1 |
| 255020 R1 | PLUNGER CONTROL GEAR | 1 |
| 255021 R1 | PLUNGER BUSHING RETAINER | 1 |
| 255022 R1 | PLUNGER BUSHING RETAINER FLANGE | 1 |
| | | |
| | | |
| 66392 D | CHECK AND REVERSE CHECK VALVE BLOCK, COMPLETE | |
| § 59637 DX | CHECK VALVE WITH BLOCK | 1 |
| 59638 D | CHECK VALVE SPRING | 1 |
| 59640 D | CHECK VALVE BLOCK CLAMP SCREW | 2 |
| § 59641 DXA | REVERSE CHECK VALVE WITH BLOCK | 1 |
| 59642 D | REVERSE CHECK VALVE SPRING | 1 |
| § 59644 DA | REVERSE CHECK VALVE STOP | 1 |
| 59645 D | REVERSE CHECK VALVE SCREW | 1 |
| 59646 D | REVERSE CHECK VALVE SCREW WASHER | 1 |
| | | |
| 67350 DX | GEAR SHIFT LEVER, COMPLETE | 1 |
| 9637 D | GEAR SHIFT LEVER | 1 |
| 13115 D | GEAR SHIFT LEVER SWIVEL SHAFT PLUG (SHIP LOOSE) | 2 |
| 67350 D | GEAR SHIFT LEVER BALL | 1 |
| | | |
| 67356 D | FUEL INJECTION PUMP WITH DRIVE FLANGE, COMPLETE | |
| 12736 D | INJECTION PUMP SEAL, LONG | 2 |
| 33275 D | TIMING COUPLER ADJUSTER | 1 |
| 38026 DMX | FUEL PIPE CONNECTOR | 3 |
| § 49710 DA | FUEL INJECTION PUMP | 1 |
| 51897 D | INJECTION PUMP DRIVE FLANGE | 1 |
| 40255 D | DELIVERY VALVE HOLDER PROTECTION CAP — FOR | 6 |
| 61961 D | LUBRICATING OIL OVERFLOW ELBOW PLUG | 1 |
| | OVERFLOW VALVE PROTECTION CAP — SHIPPING | 1 |
| | FUEL PUMP FITTING PLUG XXX QUALITY CORK #1-15/16 x 7/16 x 5/8" — ONLY | 3 |
| 0 40 | INJECTION PUMP SEAL, SHORT | 1 |
| | CAP SCREW, 3/8 x 9/16" N.F., HEX HEAD | 2 |
| | LOCKWASHER, 3/8" | 2 |
| 67679 D | TRACK FRAME, COMPLETE, R.H. | 1 |
| 41435 DB | TRACK FRAME GUIDE | 1 |
| 52425 DD | TRACK FRAME, COMPLETE | 2 |
| | LOCKWASHER, 1" | 2 |
| 67797 D | GOVERNOR END COVER, COMPLETE | |
| 54434 D | GOVERNOR END COVER OIL SEAL | 2 |
| 54435 D | GOVERNOR END COVER BUSHING | 2 |
| 62207 D | GOVERNOR END COVER DOWEL PIN | 2 |
| 62208 D | GOVERNOR END COVER BUMPER SPRING | 1 |
| § 67798 D | GOVERNOR END COVER | 1 |
| 67980 H | SHAKEPROOF WASHER | 2 |
| | MACHINE SCREW, 12-24 x 5/16" N.C., FILLISTER HEAD (CADMIUM PLATED) | 1 |

§ - NOT SUPPLIED SEPARATELY

| PART NUMBER | DESCRIPTION | NO. USED PER ASSEMBLY |
|---|---|---|
| 67922 D | PRIMARY PUMP FILTER, COMPLETE | |
| 67919 D | PRIMARY PUMP FILTER GASKET | 1 |
| 67924 D | PRIMARY PUMP FILTER SCREEN, COMPLETE | 1 |
| 250339 R11 | PRIMARY PUMP FILTER BODY | 1 |
| | | |
| | | |
| 67924 D | PRIMARY PUMP FILTER SCREEN, COMPLETE | |
| § 67925 D | PRIMARY PUMP FILTER NUT | 1 |
| § 67926 D | PRIMARY PUMP FILTER SCREEN | 1 |
| § 67927 D | PRIMARY PUMP FILTER BOTTOM | 1 |
| | | |
| 68405 DX | SOCKET WRENCH SET WITH DRAIN PLUG WRENCH, COMPLETE | |
| 68405 D | SOCKET WRENCH SET IN CARRYING CASE | 1 |
| 68406 D | HEX SOCKET WRENCH, 9/16" | 1 |
| 68407 D | HEX SOCKET WRENCH, 5/8" | 1 |
| 68408 D | HEX SOCKET WRENCH, 3/4" | 1 |
| 68409 D | HEX SOCKET WRENCH, 13/16" | 1 |
| 68410 D | HEX SOCKET WRENCH, 7/8" | 1 |
| 68411 D | HEX SOCKET WRENCH, 1" | 1 |
| 68412 D | HEX SOCKET WRENCH, 1-1/8" | 1 |
| 68413 D | SOCKET WRENCH "T" HANDLE | 1 |
| 68414 D | SOCKET WRENCH HANDLE EXTENSION, 5-1/2" LONG | 1 |
| 68415 D | SOCKET HEAD PLUG WRENCH, 1/2 x 3/4" | 1 |
| 68416 D | SOCKET WRENCH CARRYING CASE | 1 |
| | | |
| 68812 D | FUEL INJECTION PUMP FIELD CHANGE PACKAGE | 1 |
| 5986 D | INJECTION PUMP BRACKET | 1 |
| 29898 D | INJECTION PUMP OVERFLOW PIPE NUT | 1 |
| 33275 D | TIMING COUPLER ADJUSTER | 1 |
| 37323 DX | PRIMARY PUMP INLET PIPE ELBOW WITH NUT, 37165 D | 1 |
| 38026 DMX | FUEL FILTER INLET PIPE CONNECTOR WITH NUT, 37165 D | 1 |
| 52128 D | INJECTION PUMP OVERFLOW PIPE CLIP, LOWER | 1 |
| 54910 D | SET OF SIX (6) INJECTION PIPES | 1 |
| 58150 DX | GOVERNOR CONTROL ROD, COMPLETE | 1 |
| 61299 DX12 | INJECTION PUMP, COMPLETE | 1 |
| 61404 DX | PRIMARY PUMP INLET PIPE | 1 |
| 61405 DX | FUEL FILTER INLET PIPE, COMPLETE | 1 |
| 61406 DX | FUEL FILTER OUTLET PIPE, COMPLETE | 1 |
| 61407 DX | INJECTION PUMP OVERFLOW PIPE | 1 |
| 64121 D | INJECTION PUMP OVERFLOW PIPE CLIP, UPPER | 1 |
| | CAP SCREW, 1/2 x 2-1/4" N.C., HEX HEAD | 4 |
| | LOCKWASHER, 1/2" | 4 |
| | CAP SCREW, 3/8 x 5/8" N.C., HEX HEAD | 4 |
| | LOCKWASHER, 3/8" | 4 |
| | | |
| 68961 D | BOSCH INJECTION PUMP FIELD CHANGE PACKAGE (FOR TRACTORS HAVING TIMKEN PUMP) | 1 |
| 5986 D | INJECTION PUMP BRACKET | 1 |
| 8528 D | GOVERNOR CONTROL BELL CRANK | 1 |
| 14611 H | GOVERNOR CONTROL ROD PIN | 1 |
| 19306 D | GOVERNOR CONTROL ROD PIN | 1 |
| 27927 DA | INJECTION PIPE BRACE WASHER | 1 |
| 29898 D | INJECTION PUMP OVERFLOW PIPE NUT | 1 |
| 37165 D | PRIMARY PUMP INLET PIPE ELBOW COUPLING NUT | 1 |
| 37165 D | FUEL FILTER INLET PIPE COUPLING NUT | 1 |
| 37165 D | FUEL FILTER OUTLET PIPE COUPLING NUT | 1 |
| 37165 D | FUEL RETURN TUBE NUT | 1 |
| 42411 DX | PRIMARY PUMP INLET PIPE ELBOW | 1 |
| 42981 DA | GOVERNOR CONTROL ROD TRUNNION | 1 |
| 52128 D | INJECTION PUMP OVERFLOW PIPE CLIP, LOWER | 1 |
| 54910 D | SET OF SIX (6) INJECTION PIPES | 1 |

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CONTINUED

| PART NUMBER | DESCRIPTION | NO. USED PER ASSEMBLY |
|---|---|---|
| 68961 D Cont'd | Bosch Injection Pump Field Change Package (for Tractors Having Timken Pump) | 1 |
| 54122 DX | Governor Control Rod, Lower, Complete | 1 |
| 54123 DX | Governor Control Rod, Upper, Complete | 1 |
| 54124 D | Governor Control Rod Trunnion Guide | 1 |
| 54125 D | Governor Control Rod Spring | 1 |
| 54978 DX | Fuel Return Tube, Complete | 1 |
| 61299 DX12 | Injection Pump, Complete | 1 |
| 61405 DX | Fuel Filter Inlet Pipe, Complete | 1 |
| 61406 DX | Fuel Filter Outlet Pipe, Complete | 1 |
| 61407 DX | Injection Pump Overflow Pipe, Complete | 1 |
| 64121 D | Injection Pump Overflow Pipe Clip, Upper | 1 |
| 68957 D | Primary Pump Inlet Pipe, Complete | 1 |
| | Cotter Pin, 3/32 x 1/2" | 1 |
| | 13/32 I.D. x 3/4" O.D. x 16 ga. Steel Washer | 1 |
| | Cotter Pin, 3/32 x 5/8" | 1 |
| | | |
| 69075 DA | Transmission Gear Shift Lock Attachment | 1 |
| 9783 D | Gear Shift Lock Shaft Bracket | 1 |
| 9785 DX | Engine Clutch Hand Lever, Complete | 1 |
| 9787 DX | Gear Shift Housing, Complete | 1 |
| 9788 DX | Gear Shift Lock Cam Housing, Complete | 1 |
| 13115 D | Gear Shift Lever Swivel Shaft Plug | 2 |
| 17053 D | Gear Shift Lock Cam Oil Seal | 1 |
| 17053 D | Hi-Lo Gear Shift Arm Shaft Oil Seal | 1 |
| 25574 H | Gear Shift Lock Rod Yoke Pin | 1 |
| 42511 D | Gear Shift Housing Gasket | 1 |
| 42517 D | Gear Shifter Rail Guide, Front, Complete | 1 |
| 42518 D | Gear Shift Rail Guide, Rear, Complete | 1 |
| 62780 D | Gear Shift Rail Guide Rear Bolt Lock | 1 |
| 64603 D | Gear Shift Boot | 1 |
| 64604 D | Gear Shift Boot Clamp | 1 |
| 64606 D | Hi-Lo Gear Shift Arm | 1 |
| 64607 D | Hi-Lo Gear Shift Arm Shaft | 1 |
| 64608 D | Hi-Lo Gear Shift Arm Key | 1 |
| 64609 D | Hi-Lo Gear Shft Arm Washer | 1 |
| 69069 D | Gear Shift Poppet Ball Spring | 3 |
| 69071 DAX | Gear Shift Lock Pin Plate, Complete TDR 14775 up | 1 |
| 69081 D | Tool Box, Complete | 1 |
| 69094 DX | Fender Side Sheet, L.H. | 1 |
| 69096 D | Gear Shift Lock Shaft, Complete | 1 |
| 69097 DX | Gear Shift Lock Shaft Connecting Rod, Complete | 1 |
| 69106 DA | Hi-Lo Gear Shift Rail and Fork, Complete TDR 14775 up | 1 |
| 69107 DB | Low and Reverse Gear TDR 14775 up | 1 |
| | Gear Shift Rail Poppet Ball (3/4 Class, 5 per OMS #37) | 3 |
| 69108 DB | Second and Third Gear Shift Rail and Fork, Complete TDR 14775 up | 1 |
| Q 3615 | Lubricator Fitting | 4 |
| 256631 R91 | Transmission Gear Shift Lock Field Package | 1 |
| | Cap Screw, 1/2 x 1-1/4" Hex Head | 1 |
| | Lockwasher, 1/2" | 1 |
| | Cap Screw, 3/8 x 1" N.F., Hex Head Bolt | 2 |
| | Hex Nut, 3/8" N.F. | 2 |
| | Lockwasher, 3/8" | 2 |
| | Cotter Pin, 3/32 x 3/4" | 1 |
| | Cotter Pin, 3/32 x 3/4" | 1 |
| | | |
| 69129 DX | Distributor Disc, Complete | 1 |
| § 21454 DX | Distributor Disc, Center, Insert | 6 |
| § 21455 DX | Distributor Disc Face Insert | 1 |
| § 69129 D | Distributor Disc | |

§ - Not Supplied Separately

| PART NUMBER | DESCRIPTION | NO. USED PER ASSEMBLY |
|---|---|---|
| 69238 D | Fulcrum Lever with Bracket, Complete | |
| 62237 DX | Fulcrum Lever with 2 Pins, 62242 D | 1 |
| 62243 DA | Fulcrum Lever Bracket | 1 |
| 62246 DX | Control Rod Link | 1 |
| 62247 D | Control Rod Linkage Pin | 1 |
| 62248 D | Control Rod Link Pin | 1 |
| 62249 D | Control Rod Link Pin Washer | 2 |
| 64161 D | Fulcrum Lever Bracket Pin | 1 |
| 52745 V | Lockwasher | 1 |
| | Hex Nut, 1/4" N.F. | 1 |
| | Cotter Pin, 1/16 x 7/16" | 2 |
| | | |
| | | |
| 69700 D | Governor Operating Lever Shaft, Complete | |
| 54462 D | Governor Operating Lever Shaft Spring Plate Set Screw | 1 |
| 62256 DX | Governor Operating Lever Shaft Assembly | 1 |
| | | |
| 45-2835 | Extended Track Frame and Large Diameter Heavy Front Idler Attachment | |
| | (For Use with Rigid Track Frame 59566 D) (Trackson Pipe Layer Modification No. 14) | |
| | (Details Below) | |
| 5735 D | Track Roller Shaft Bracket, Inner | 2 |
| 8367 D | Track Roller Shaft Bracket, Outer | 2 |
| 9162 D | Front Idler | 2 |
| 37293 D | Track Roller Shaft Bracket Mounting Bolt | 8 |
| 40976 DB | Track Link, L.H. | 6 |
| 40977 DB | Track Link, R.H. | 6 |
| 40981 D | Track Link Bushing | 6 |
| 40982 DA | Track Link Pin | 6 |
| 40985 DB | Track Shoe (See Note) | 6 |
| 40986 DA | Track Link Bolt | 24 |
| 56133 D | Track Roller with Shaft and Carriers | 2 |
| 58075 DA | Track Shoe Nut | 24 |
| 61177 D | Track Frame Assembly, L.H. (See Note) | 1 |
| 61178 D | Track Frame Assembly, R.H. (See Note) | 1 |
| 61190 D | Front Idler Adjuster, Complete | 2 |
| 61192 D | Front Idler Guide Spacer | 4 |
| 61193 DA | Track Roller Shield, Outer, L.H. | 1 |
| 61194 DA | Track Roller Shield, Outer, R.H. | 1 |
| 61195 DA | Track Roller Shield, Inner, L.H. | 1 |
| 61196 DA | Track Roller Shield, Inner, R.H. | 1 |
| | Hex Nut, 5/8" N.F., Type "B" | 8 |
| | Lockwasher, 5/8" Regular N.T.P.P. | 8 |
| | Cap Screw, 5/8 x 1-1/4" Hex Head Bolt | 9 |
| | Lockwasher, 5/8" Regular N.T.P.P. | 9 |
| | Cap Screw, 5/8 x 1-1/4" Hex Head Bolt | 9 |
| | Lockwasher, 5/8" Regular N.T.P.P. | 9 |
| | Cap Screw, 5/8 x 1-1/4" Hex Head Bolt | 13 |
| | Lockwasher, 5/8" Regular N.T.P.P. | 13 |
| | Cap Screw, 5/8 x 1-1/4" Hex Head Bolt | 13 |
| | Lockwasher, 5/8" Regular N.T.P.P. | 13 |
| | Cap Screw, 3/4 x 3-1/4" N.C., Hex Head Bolt (use with 5873 D) | 8 |
| | NOTE - When Extended Track Frame and Large Diameter Heavy Front Idler Attachment | |
| | 45-2835 is used for Trackson Modification No. 14, Order the Following Parts - | |
| | 46083 DA Track Shoe (20) Attachment instead of 40985 DB | 1 |
| | 47-2835-1 Track Frame, L.H. instead of 61177 D | 1 |
| | 47-2935-2 Track Frame, R.H. instead of 61178 D | 1 |
| | Track Shoe Attachment 46083 DA Consists of 74 Shoes, 46045 DA and 296 Track | |
| | Shoe Cap Screw, 40986 DB (Six (6) More Shoes, 46045 DA are Required or a | |
| | Total of 80 to Equip Tractor Complete) | |
| | 34-2835-1 Main Frame Side Channel, R.H. | 1 |

## DETAILS OF ASSEMBLY

| PART NUMBER | DESCRIPTION | NO. USED PER ASSEMBLY |
|---|---|---|
| 250700 R91 | Fuel Filter, Complete | |
| 13839 D | Fuel Filter Case Stud Gasket | 1 |
| 13841 D | Fuel Filter Case Gasket | 1 |
| 28772 D | Fuel Filter Case | 1 |
| 39577 DA | Fuel Filter Case Stud | 1 |
| 39677 D | Fuel Filter Bleeder | 1 |
| 250701 R11 | Fuel Filter Base with Fuel Filter Bottom Plate, 250703 R1 and 1/4" Expansion Plug | 1 |
| 250702 R91 | Fuel Filter Element | 1 |
| 250704 R11 | Fuel Filter Element to Plate with Seal Ring, 250705 R1 | 1 |
| 250706 R1 | Fuel Filter Element Spring | 1 |
| 250712 R11 | Fuel Filter Screen with Reinforcement Ring | 1 |
| | | |
| | | |
| | | |
| 250999 R11 | Primary Pump Housing, Complete | |
| § 59728 D | Primary Pump Housing Plug | 1 |
| 59730 DA | Primary Pump Bushing | 2 |
| § 59745 DX | Primary Pump Bearing Cage | 1 |
| 59751 D | Primary Pump Idler Gear Shaft | 1 |
| § 59661 DX | Primary Pump By-Pass Valve | 1 |
| 67918 D | Primary Pump By-Pass Valve Spring | 1 |
| § 250999 R1 | Primary Pump Housing | 1 |
| 117820 | Slotted Screw, No. 8-32 x 3/8" Fillister Head | 3 |
| | | |
| | | |
| | | |
| 251000 R91 | Primary Pump, Complete | |
| 9708 D | Primary Pump Housing Cover | 1 |
| 59732 D | Primary Pump Housing Cover Gasket (.006) | x |
| 59733 DX | Primary Pump Shaft | 1 |
| 59737 D | Primary Pump Packing | 1 |
| 59738 D | Primary Pump Packing Gland | 1 |
| 59739 D | Primary Pump Packing Spring | 1 |
| 59740 D | Primary Pump Packing Spring Nut | 1 |
| 59741 DB | Primary Pump Drive Gear | 1 |
| 59742 DX | Primary Pump Idler Gear | 2 |
| 59743 DA | Scavenging Pump Drive Gear | 1 |
| 59744 D | Primary Pump Scavenging Gear Gasket (.006) | x |
| 59746 DB | Primary Pump Bearing Cage Gasket | 1 |
| 64060 D | Primary Pump Shaft Key | 2 |
| 64870 D | Primary Pump Housing Cover Gasket (.004) | x |
| 64871 D | Primary Pump Scavenging Gear Gasket (.004) | x |
| 65210 D | Primary Pump Shaft Snap Ring | 1 |
| 66002 D | Primary Pump Screw | 2 |
| 67922 DA | Primary Pump Filter | 1 |
| 68388 D | Primary Pump Housing Cover Screw | 4 |
| 250999 R11 | Primary Pump Housing | 1 |
| | | |
| | | |
| | | |
| 251058 R91 | Piston Pin and Ring, Complete | |
| 26915 D | Piston Pin | 1 |
| 26916 D | Piston Ring Retainer | 1 |
| 31458 D | Piston Ring - Compression - Top | 3 |
| 42219 DA | Piston Ring - Oil Regulating | 2 |
| 42694 D | Piston Ring - Compression - Taper Face | 1 |
| 251057 R11 | Piston with Pin, 26915 D and Retainer Ring, 26916 D | 2 |
| | | |
| | | X - As Required |

§ - Not Supplied Separately

## DETAILS OF ASSEMBLY

| PART NUMBER | DESCRIPTION | NO. USED PER ASSEMBLY |
|---|---|---|
| 251079 R91 | Injection Nozzle, Complete | |
| 32493 D | Nozzle Bleeder Valve | 1 |
| 37148 D | Nozzle Valve Gasket | 2 |
| 37150 D | Nozzle Valve Spacer | 1 |
| 37152 DA | Nozzle Valve and Spring, Complete | 1 |
| 250604 R1 | Nozzle Injector Plate | 1 |
| 250605 R1 | Nozzle Injector Plate Gasket | 1 |
| 250607 R21 | Nozzle Fitting with Dust Seal, 250608 R1 | 1 |
| § 250607 R2 | Nozzle Fitting | 1 |
| 250608 R1 | Nozzle Fitting Dust Seal | 1 |
| 251043 R11 | Nozzle Body with Nozzle Fitting Dust Seal, 250608 R1 and Nozzle Body Dust Seal, 251044 R1 | 1 |
| 251044 R1 | Nozzle Body Dust Seal | 1 |
| 251080 R12 | Injection Pipe - Cylinder No. 1, Complete | |
| § 27926 DA | Injection Pipe Clamp Block | 1 |
| 250610 R2 | Injection Pipe Sleeve | 2 |
| 250617 R1 | Injection Pipe Nut | 2 |
| § 251080 R1 | Injection Pipe - Cylinder No. 1 | 1 |
| 251081 R12 | Injection Pipe - Cylinder No. 6, Complete | |
| § 27926 DA | Injection Pipe Clamp Block | 1 |
| 250610 R2 | Injection Pipe Sleeve | 2 |
| 250617 R1 | Injection Pipe Nut | 2 |
| § 251081 R1 | Injection Pipe - Cylinder No. 6 | 1 |
| 251082 R12 | Injection Pipe - Cylinder No. 2, Complete | |
| 250610 R2 | Injection Pipe Sleeve | 2 |
| 250617 R1 | Injection Pipe Nut | 2 |
| § 251082 R1 | Injection Pipe - Cylinder No. 2 | 1 |
| 251083 R12 | Injection Pipe, Cylinder No. 5, Complete | |
| 250610 R2 | Injection Pipe Sleeve | 2 |
| 250617 R1 | Injection Pipe Nut | 2 |
| § 251083 R1 | Injection Pipe - Cylinder No. 5 | 1 |
| 251084 R12 | Injection Pipe - Cylinder No. 3, Complete | |
| 250610 R2 | Injection Pipe Sleeve | 2 |
| 250617 R1 | Injection Pipe Nut | 2 |
| § 251084 R1 | Injection Pipe - Cylinder No. 3 | 1 |
| 251085 R12 | Injection Pipe - Cylinder No. 4, Complete | |
| 250610 R2 | Injection Pipe Sleeve | 2 |
| 250617 R1 | Injection Pipe Nut | 2 |
| § 251084 R1 | Injection Pipe - Cylinder No. 4 | 1 |
| 251086 R11 | Set of Six Injection Pipes, Complete | |
| 251080 R11 | Injection Pipe - Cylinder No. 1 | 1 |
| 251081 R11 | Injection Pipe - Cylinder No. 6 | 1 |
| 251082 R11 | Injection Pipe - Cylinder No. 2 | 1 |
| 251083 R11 | Injection Pipe - Cylinder No. 5 | 1 |
| 251084 R11 | Injection Pipe - Cylinder No. 3 | 1 |
| 251085 R11 | Injection Pipe - Cylinder No. 4 | 1 |
| | | |
| 251102 R91 | Water Pump (Less Fan), Complete | |
| 1266 C | Water Pump Bearing, Inner (Will Work for ST 262) | 1 |
| 48956 D | Water Pump Oil Seal, Outer | 1 |
| 251109 R21 | Water Pump Body, Complete | 1 |
| 251127 R11 | Water Pump Oil Seal Housing with Oil Seal, 48956 D | 1 |
| 251134 R11 | Water Pump Impeller with Seal, 251609 R91 | 1 |
| 251135 R1 | Water Pump Bearing Spacer, Inner | 1 |
| 251136 R1 | Water Pump Shaft | 1 |
| 251146 R1 | Water Pump Bearing, Spacer, Outer | 1 |
| 251147 R1 | Water Pump Bearing, Outer (ST 369 Will Work) | 1 |
| ST 262 | Water Pump Bearing, Inner (1266 C Will Work) | 1 |
| ST 369 | Water Pump Bearing, Outer (Will Work for 251147 R1) | 1 |

§ - Not Supplied Separately

| PART NUMBER | DESCRIPTION | NO. USED PER ASSEMBLY |
|---|---|---|
| 251109 R21 | WATER PUMP BODY, COMPLETE | |
| 19707 D | WATER PUMP OIL SEAL, INNER | 1 |
| 50410 DA | WATER PUMP BODY PLUG | 1 |
| § 251102 R2 | WATER PUMP BODY | 1 |
| | PIPE PLUG, 3/8" | 1 |
| | | |
| 251137 R11 | CYLINDER HEAD, FRONT WITH STUDS AND VALVE GUIDES, COMPLETE | |
| 32444 D | VALVE HOUSING STUD | 6 |
| 32445 D | VALVE LEVER BRACKET STUD, SHORT | 2 |
| 32447 DA | VALVE LEVER BRACKET STUD, LONG | 1 |
| 32448 D | VALVE LEVER INTERMEDIATE BRACKET STUD | 1 |
| 50668 D | STARTING VALVE SHAFT LOCATING PIN | 1 |
| 250450 R1 | MANIFOLD STUD | 8 |
| § 251063 R1 | EXHAUST AND INTAKE VALVE GUIDE | 6 |
| 251064 R1 | INJECTION NOZZLE STUD | 6 |
| § 251065 R1 | STARTING VALVE GUIDE | 3 |
| 251078 R1 | EXHAUST AND INTAKE VALVE GUIDE | 6 |
| 251103 R1 | STARTING VALVE GUIDE | 3 |
| § 251137 R1 | CYLINDER HEAD, FRONT | 1 |
| | PIPE PLUG, 1/4" | 3 |
| 251138 R11 | CYLINDER HEAD, REAR WITH STUDS AND VALVE GUIDES, COMPLETE | |
| 32444 D | VALVE HOUSING STUD | 6 |
| 32445 D | VALVE LEVER BRACKET STUD, SHORT | 3 |
| 32447 DA | VALVE LEVER BRACKET STUD, LONG | 2 |
| 32448 D | VALVE LEVER INTERMEDIATE BRACKET STUD | 2 |
| 50410 DA | OIL HEADER PLUG | 1 |
| 50664 D | VALVE HOUSING STUD, SHORT | 1 |
| 50668 D | STARTING VALVE SHAFT LOCATING PIN | 1 |
| 250450 R1 | MANIFOLD STUD | 8 |
| § 251063 R1 | EXHAUST AND INTAKE VALVE GUIDE | 6 |
| 251064 R1 | INJECTION NOZZLE STUD | 6 |
| § 251065 R1 | STARTING VALVE GUIDE | 3 |
| 251078 R1 | EXHAUST AND INTAKE VALVE GUIDE | 6 |
| 251103 R1 | STARTING VALVE GUIDE | 3 |
| § 251138 R1 | CYLINDER HEAD, REAR | 1 |
| | PIPE PLUG, 1/4" | 3 |
| | PIPE PLUG, 1/2" | 2 |
| 251185 R91 | CYLINDER HEAD, REAR WITH VALVES AND VALVE SPRINGS, COMPLETE | |
| 18539 D | EXHAUST AND INTAKE VALVE STEM RETAINER | 6 |
| 18746 D | EXHAUST AND INTAKE VALVE SPRING LOWER SEAT | 6 |
| 32482 DC | EXHAUST VALVE | 3 |
| 32485 D | EXHAUST AND INTAKE VALVE SPRING COLLAR KEY | 12 |
| 42747 D | INTAKE VALVE | 3 |
| 42748 DA | EXHAUST AND INTAKE VALVE SPRING UPPER SEAT | 6 |
| 46208 D | STARTING VALVE SPRING SEAT | 3 |
| 46209 D | STARTING VALVE SPRING COLLAR KEY | 6 |
| 46211 D | STARTING VALVE SPRING | 3 |
| 61808 D | EXHAUST AND INTAKE VALVE SPRING | 3 |
| 251074 R1 | STARTING VALVE | 3 |
| 251138 R11 | CYLINDER HEAD, REAR WITH STUDS AND VALVE GUIDES, COMPLETE | 1 |
| | | |
| 251355 R91 | WATER TRAP, COMPLETE | |
| 60871 DA | WATER TRAP VENT SCREW | 1 |
| 60877 D | WATER TRAP GLASS | 1 |
| 60878 DX | WATER TRAP BAIL, COMPLETE | 1 |
| 251347 R11 | WATER TRAP DRAIN SCREW WITH SCREW HANDLE | 1 |
| 251348 R91 | WATER TRAP SCREEN WITH SCREEN TOP AND SCREEN BOTTOM | 1 |
| 251352 R1 | WATER TRAP BOWL GASKET | 1 |
| 251380 R91 | WATER TRAP TOP WITH 3/8" EXPANSION PLUG, 24805 D | 1 |

§ - NOT SUPPLIED SEPARATELY

## DETAILS OF ASSEMBLY

| PART NUMBER | DESCRIPTION | NO. USED PER ASSEMBLY |
|---|---|---|
| 251415 R91 | Oil Filter, Complete | |
| 13839 D | Oil Filter Case Retaining Bar Gasket | 2 |
| 13841 D | Oil Filter Case Gasket | 2 |
| 13842 D | Oil Filter Case | 2 |
| 46606 DX | Oil Filter Retaining Bar with Pin, G 6579-1/3 and Bar Nut | 2 |
| 63884 D | Oil Filter Element | 2 |
| 251275 R11 | Oil Filter Base with 3/8" Square Head Pipe Plug and 3/8" Countersunk Pipe Plug | 1 |
| | | |
| 251439 R91 | Spark Plug Cable, Complete | |
| 65325 D | Spark Plug Cable No. 4 | 1 |
| 65329 D | Spark Plug Cable No. 1 | 1 |
| 65339 D | Spark Plug Cable No. 6 | 1 |
| 65350 D | Spark Plug Cable No. 3 | 1 |
| 251444 R11 | Spark Plug Cable No. 2 | 1 |
| 251445 R11 | Spark Plug Cable No. 5 | 1 |
| | | |
| 251475 R91 | Governor Control, Complete | |
| 6649 D | Friction Disc Retainer | 1 |
| 9446 DAX | Cross Shaft Bracket with Pin, 45391 D | 1 |
| 9449 DX | Governor Control Lever with Dowel, 25115 D | 1 |
| 25115 D | Governor Control Lever Dowel | 1 |
| 45391 D | Friction Plate Locating Pin | 1 |
| 48356 D | Friction Disc | 2 |
| 48358 D | Friction Spring | 1 |
| 48359 D | Friction Spring Nut | 1 |
| 64543 D | Governor Control Friction Plate | 1 |
| 64544 D | Low Idle Poppet | 1 |
| 64545 D | Low Idle Poppet Spring | 1 |
| | | |
| 251491 R91 | Bosch Fuel Injection Pump, Complete | |
| 12736 D | Injection Pump Seal, Long | 3 |
| 33275 D | Timing Coupling Adjuster | 1 |
| 37323 DX | Primary Pump to Fuel Filter Pipe Elbow | 1 |
| 40255 D | Delivery Valve Holder Protection Cap (For Shipping only) | 6 |
| 50607 DX | Water Trap to Primary Pipe Elbow (Pump End) | 1 |
| 50607 DX | Fuel Filter to Injection Pump Pipe Elbow (Pump End) | 1 |
| 54909 D | Injection Pump Drive Flange | 1 |
| 61961 D | Lubricating Oil Overflow Elbow Plug (For Shipping only) | 1 |
| 0-40 | Overflow Valve Protection Cap (See 54372 DB) (For Shipping only) | 1 |
| | Cork, 5/16" Diameter x 1/2" Long (No. 1 Quality) (Used on Fuel Pump Fitting Plug) | |
| | (For Shipping only) | 3 |
| | Cap Screw, 3/8 x 5/8" N.F. Hex Head | 2 |
| | Lockwasher, 3/8" | 2 |
| | | |
| 251764 R91 | Water Pump Body, Complete | |
| 5950 DAX | Water Pump Body | 1 |
| 32350 DAX | Water Pump Body Cover | 1 |
| 32351 DB | Water Pump Body Cover Gasket | 1 |
| 251762 R1 | Water Pump Body Gasket | 1 |
| 251763 R1 | Water Pump Body Spacer | 2 |
| | Hex Nut, 5/16" N.F. | 6 |
| | Lockwasher, 5/16" | 6 |
| | | |
| 253530 R11 | Governor Shaft, Complete | |
| 59682 D | Governor Shaft Nut (250258 R1 Will Work) | 2 |
| 103905 | Governor Shaft Key (Woodruff No. 5) | 1 |
| 106749 | Governor Shaft Key (Woodruff No. 3) | 1 |
| 250258 R1 | Governor Shaft Nut (Will Work for 59682 D) | 2 |
| § 253530 R1 | Governor Shaft | 1 |

§ - Not Supplied Separately

| PART NUMBER | DESCRIPTION | NO. USED PER ASSEMBLY |
|---|---|---|
| 253541 R91 | RACK, COMPLETE | |
| 59688 D | RACK ADJUSTING ROD NUT RIVET | 1 |
| 253542 R1 | RACK, FRONT | 1 |
| 253543 R1 | RACK, REAR | 1 |
| 253544 R1 | RACK EQUALIZER | 1 |
| 253545 R1 | RACK EQUALIZER NUT | 1 |
| 253547 R1 | RACK ADJUSTMENT ROD NUT | 1 |
| 253548 R1 | RACK ADJUSTMENT ROD LOCKNUT | 1 |
| 253551 R91 | RACK ADJUSTING ROD, COMPLETE | 1 |
| | | |
| | | |
| | | |
| | | |
| 253551 R91 | RACK ADJUSTING ROD, COMPLETE | |
| § 253546 R1 | RACK ADJUSTING ROD | 1 |
| § 253552 R1 | RACK ADJUSTING ROD END | 1 |
| 253553 R1 | RACK ADJUSTING ROD RIVET | 1 |
| | | |
| | | |
| | | |
| 253558 R11 | PUMP HOUSING, COMPLETE | |
| 8976 DA | PUMP HOUSING BUSHING | 1 |
| 45575 D | GOVERNOR FORK SHAFT NEEDLE BEARING | 1 |
| 59604 D | DISTRIBUTOR VALVE TAPPET | 6 |
| § 59636 DA | PLUNGER TAPPET BUSHING | 2 |
| § 59695 D | PUMP HOUSING PLUG, 1/4" | 2 |
| 59722 D | CONTROL LEVER OIL SEAL | 1 |
| § 61920 D | PUMP HOUSING PLUG, 3/16" | 2 |
| 172528 | CONTROL LEVER SHAFT PLUG, 9/16" | 1 |
| 172541 | CONTROL RACK PLUG, 15/16" | 1 |
| 252898 R1 | PLUNGER BUSHING RETAINER BOLT | 8 |
| 253257 R91 | PLUNGER TAPPET WITH BUSHING | 1 |
| § 253558 R1 | PUMP HOUSING | 1 |
| | | |
| | | |
| | | |
| | | |
| 253575 R91 | FUEL INLET FITTING; COMPLETE | |
| § 252901 R1 | FUEL INLET FITTING COLLAR | 2 |
| § 253580 R1 | FUEL INLET FITTING CONNECTOR | 1 |
| § 253581 R1 | FUEL INLET FITTING PIPE CONNECTOR | 1 |
| | | |
| | | |
| | | |
| 253931 R91 | DISTRIBUTOR BLOCK, COMPLETE | |
| 59645 D | DISTRIBUTOR BLOCK SCREW | 2 |
| 59646 D | DISTRIBUTOR BLOCK SCREW WASHER | 2 |
| 65355 D | DISCHARGE CAP | 6 |
| 66010 DA | HIGH PRESSURE PIPE SCREW | 2 |
| | | |
| | | |
| | | |
| | | |
| 253932 R91 | FUEL INLET FITTING WITH SEAL, COMPLETE | |
| 59658 D | FUEL INLET FITTING SEAL WASHER | 2 |
| 59667 D | FUEL INLET FITTING SEAL | 2 |
| 253575 R91 | FUEL INLET FITTING, COMPLETE | 1 |
| | | |

§ - NOT SUPPLIED SEPARATELY

| PART NUMBER | DESCRIPTION | NO. USED PER ASSEMBLY |
|---|---|---|
| 254264 R91 | SET OF CRANKSHAFT BEARINGS | |
| 42690 DAX | CONNECTING ROD BEARING (.030" UNDERSIZE) | 6 |
| 47760 DX | CRANKSHAFT BEARING, FRONT (.030" UNDERSIZE) | 1 |
| 47761 DX | CRANKSHAFT BEARING, INTERMEDIATE (.030" UNDERSIZE) | 4 |
| 47763 DX | CRANKSHAFT BEARING, REAR (.030" UNDERSIZE) | 1 |
| 63328 DBX | CRANKSHAFT BEARING, CENTER | 1 |
| | | |
| | | |
| | | |
| 254411 R12 | INJECTION PIPE - CYLINDER NO. 1 AND NO. 6, COMPLETE | |
| § 27926 DA | INJECTION PIPE CLAMP BLOCK | 1 |
| 250610 R2 | INJECTION PIPE SLEEVE | 2 |
| 250617 R1 | INJECTION PIPE NUT, NOZZLE END | 1 |
| 251050 R1 | INJECTION PIPE NUT, PUMP END | 1 |
| § 251051 R1 | INJECTION PIPE CAP | 1 |
| § 254411 R1 | INJECTION PIPE - CYLINDER NO. 1 AND NO. 6 | 1 |
| | | |
| 254412 R12 | INJECTION PIPE - CYLINDER NO. 2, COMPLETE | |
| 250610 R2 | INJECTION PIPE SLEEVE | 2 |
| 250617 R1 | INJECTION PIPE NUT, NOZZLE END | 1 |
| 251050 R1 | INJECTION PIPE NUT, PUMP END | 1 |
| § 251051 R1 | INJECTION PIPE CAP | 1 |
| § 254412 R1 | INJECTION PIPE, CYLINDER NO. 3 | 1 |
| | | |
| | | |
| 254413 R12 | INJECTION PIPE - CYLINDER NO. 3, COMPLETE | |
| 250610 R2 | INJECTION PIPE SLEEVE | 2 |
| 250617 R1 | INJECTION PIPE NUT, NOZZLE END | 1 |
| 251050 R1 | INJECTION PIPE NUT, PUMP END | 1 |
| § 251051 R1 | INJECTION PIPE CAP | 1 |
| § 254413 R1 | INJECTION PIPE, CYLINDER NO. 3 | 1 |
| | | |
| 254414 R12 | INJECTION PIPE - CYLINDER NO. 4, COMPLETE | |
| 250610 R2 | INJECTION PIPE SLEEVE | 2 |
| 250617 R1 | INJECTION PIPE NUT, NOZZLE END | 1 |
| 251050 R1 | INJECTION PIPE NUT, PUMP END | 1 |
| § 251051 R1 | INJECTION PIPE CAP | 1 |
| § 254414 R11 | INJECTION PIPE, CYLINDER NO. 4 | 1 |
| | | |
| | | |
| 254415 R12 | INJECTION PIPE - CYLINDER NO. 5, COMPLETE | |
| 250610 R2 | INJECTION PIPE SLEEVE | 2 |
| 250617 R1 | INJECTION PIPE NUT, NOZZLE END | 1 |
| 251050 R1 | INJECTION PIPE NUT, PUMP END | 1 |
| § 251051 R1 | INJECTION PIPE CAP | 1 |
| § 254415 R1 | INJECTION PIPE, CYLINDER NO. 5 | 1 |
| | | |
| 254459 R91 | GOVERNOR CONTROL, COMPLETE | |
| 6649 D | FRICTION DISC RETAINER | 1 |
| 9446 DAX | CROSS SHAFT BRACKET WITH PIN, 45391 D | 1 |
| 25115 D | GOVERNOR CONTROL LEVER DOWEL | 1 |
| 45391 D | FRICTION PLATE LOCATING PIN | 1 |
| 48356 D | FRICTION DISC | 2 |
| 48358 D | FRICTION SPRING | 1 |
| 48359 D | FRICTION SPRING NUT | 1 |
| 64543 D | GOVERNOR CONTROL FRICTION PLATE | 1 |
| 64544 D | LOW IDLE POPPET | 1 |
| 64545 D | LOW IDLE POPPET SPRING | 1 |
| 254460 R11 | GOVERNOR CONTROL LEVER WITH DOWEL, 25115 D | 1 |

§ - NOT SUPPLIED SEPARATELY

## DETAILS OF ASSEMBLY

| PART NUMBER | DESCRIPTION | NO. USED PER ASSEMBLY |
|---|---|---|
| 254481 R93 | CRANKCASE, COMPLETE | |
| 37323 DX | WATER TRAP TO PRIMARY PUMP ELBOW WITH COUPLING NUT, 37165 D | 1 |
| 38026 DMX | WATER TRAP TO PRIMARY PUMP PIPE CONNECTOR WITH COUPLING NUT, 37165 D | 1 |
| 251749 R1 | WATER TRAP BRACKET | 1 |
| 254417 R2 | INJECTION PUMP BRACKET | 1 |
| § 254419 R1 | WATER TRAP TO PRIMARY PUMP PIPE | 1 |
| 255631 R21 | CRANKCASE, COMPLETE | 1 |
| 179883 | CAP SCREW, 1/2 x 1-1/4" N.C. HEX HEAD | 1 |
| 179885 | CAP SCREW, 1/2 x 1-1/2" N.C. HEX HEAD | 6 |
| 179887 | CAP SCREW, 1/2 x 1-3/4" N.C. HEX HEAD | 5 |
| 179891 | CAP SCREW, 1/2 x 2-1/2" N.C. HEX HEAD | 1 |
| | | |
| | | |
| | | |
| 254851 R11 | CRANKCASE, COMPLETE | |
| 25086 DA | REAR ENGINE SUPPORT DOWEL | 2 |
| 25087 D | CRANKCASE FRONT COVER DOWEL | 2 |
| 28021 DB | FUEL FILTER BASE STUD | 3 |
| 30397 D | CRANKCASE OIL HEADER PIPE PLUG | 4 |
| 38028 DM | CRANKCASE MAGNETO DRIVE METERING PLUG | 1 |
| 39422 D | CRANKSHAFT BEARING CAP STUD NUT WASHER | 16 |
| 39423 D | CRANKSHAFT BEARING CAP STUD NUT | 16 |
| 39810 D | CYLINDER HEAD STUD | 29 |
| 42718 DB | REAR ENGINE SUPPORT STUD | 11 |
| 43113 D | CRANKSHAFT BEARING CAP STUD | 16 |
| 48262 D | LUBRICATING OIL LEVEL GAUGE SLEEVE | 1 |
| 50410 DA | CRANKCASE OIL HEADER PIPE PLUG | 4 |
| 50474 DA | CRANKCASE OIL HEADER PIPE PLUG | 4 |
| 50826 D | CROSS SHAFT RETURN SPRING PIN | 1 |
| 50827 D | CROSS SHAFT BUSHING | 2 |
| 251283 R1 | WATER PUMP BODY STUD | 1 |
| 254225 R1 | CYLINDER HEAD STUD, LONG | 2 |
| § 254851 R1 | CRANKCASE | 1 |
| | CAP SCREW, 5/16 x 5/8" N.C. HEX HEAD | 1 |
| | PIPE PLUG, 1/4" SQUARE HEAD | 2 |
| | PIPE PLUG, 3/4" COUNTERSUNK | 2 |
| | PIPE PLUG, 1" COUNTERSUNK | 1 |
| | EXPANSION PLUG, 1-1/2" | 3 |
| | EXPANSION PLUG, 1-7/8" | 1 |
| | EXPANSION PLUG, 2-1/4" | 1 |
| | LOCKWASHER, 5/16" | 1 |
| | COTTER PIN, 1/8 x 1-3/8" | 16 |
| | NO. 6 CORK, 3/4" DIAMETER x 15/16" LONG (2X GRADE) | 2 |
| | | |
| | | |
| 254900 R11 | INTAKE MANIFOLD, COMPLETE | |
| 41634 D | CARBURETOR STUD | 4 |
| 41634 D | AIR INTAKE FLANGE STUD | 4 |
| 53083 D | MANIFOLD CONTROL SHAFT SEAL | 4 |
| 250528 R1 | INTAKE MANIFOLD END COVER STUD | 2 |
| § 254900 R1 | INTAKE MANIFOLD | 1 |
| | CAP SCREW, 5/16 x 1/2" N.C. HEX HEAD | 2 |
| | EXPANSION PLUG, 1" | 2 |
| | PIPE PLUG, 1/8" | 4 |
| | PIPE PLUG, 3/8" | 1 |
| | LOCKWASHER, 5/16" | 2 |
| | | |

§ - NOT SUPPLIED SEPARATELY

| PART NUMBER | DESCRIPTION | NO. USED PER ASSEMBLY |
|---|---|---|
| 255631 R21 | CRANKCASE, COMPLETE | |
| § 6551 DA | CRANKSHAFT BEARING CAP, FRONT | 1 |
| § 6552 DA | CRANKSHAFT BEARING CAP, INTERMEDIATE | 4 |
| § 6553 DBX | CRANKSHAFT BEARING CAP, CENTER WITH 2 DOWEL, 63282 D | 1 |
| § 6554 DA | CRANKSHAFT BEARING CAP, REAR | 1 |
| 25086 DA | REAR ENGINE SUPPORT DOWEL | 2 |
| 25087 D | CRANKCASE FRONT COVER DOWEL | 2 |
| 30397 D | CRANKCASE OIL HEADER PIPE PLUG | 4 |
| 32280 DCR | CAMSHAFT BEARING, FRONT | 1 |
| 32281 DBR | CAMSHAFT BEARING, NO. 2 | 1 |
| 32282 DCR | CAMSHAFT BEARING, NO. 3 | 1 |
| 32283 DBR | CAMSHAFT BEARING, REAR | 1 |
| 38028 DM | CRANKCASE MAGNETO DRIVE METERING PLUG | 1 |
| 39422 D | CRANKSHAFT BEARING CAP STUD NOT WASHER | 16 |
| 39423 D | CRANKSHAFT BEARING CAP STUD NUT | 16 |
| 39810 D | CYLINDER HEAD STUD | 29 |
| 42718 D | REAR ENGINE SUPPORT STUD | 11 |
| 48262 D | LUBRICATING OIL LEVEL GAUGE SLEEVE | 1 |
| 50410 DA | CRANKCASE OIL HEADER PIPE PLUG | 4 |
| 50474 DA | CRANKCASE OIL HEADER PIPE PLUG | 5 |
| 50826 D | CROSS SHAFT RETURN SPRING PIN | 1 |
| 50827 D | CROSS SHAFT BUSHING | 2 |
| 53643 D | CROSS SHAFT LATCH BRACKET STUD | 1 |
| 251283 R1 | WATER PUMP BODY STUD | 1 |
| 254225 R1 | CYLINDER HEAD STUD, LONG | 2 |
| § 255631 R1 | CRANKCASE | 1 |
| 256833 R1 | CRANKSHAFT BEARING CAP STUD | 16 |
| 179814 | CAP SCREW, 5/16 x 5/8" N.C. HEX HEAD | 1 |
| 103866 | PIPE PLUG, 1/4" | 1 |
| 172574 | EXPANSION PLUG, 1-1/2" | 3 |
| 172580 | EXPANSION PLUG, 1-7/8" | 1 |
| 172598 | EXPANSION PLUG, 2-1/4" | 1 |
| 104942 | NO. 6 CORK, 3/4 x 15/16" LONG (NO. 2X GRADE) | 2 |
| 108641 | COTTER PIN, 1/8 x 1-3/8" | 16 |
| | | |
| | | |
| | | |
| | | |
| 255654 R93 | GOVERNOR WEIGHT AND CARRIER, COMPLETE | |
| 59687 D | GOVERNOR WEIGHT PIN | 2 |
| 59688 D | GOVERNOR WEIGHT RIVET | 2 |
| 255338 R3 | GOVERNOR WEIGHT CARRIER | 1 |
| 256647 R91 | GOVERNOR WEIGHT | 1 |
| OR | | |
| 260232 R11 | GOVERNOR WEIGHT, COMPLETE | 1 |
| | | |
| | | |
| 255738 R91 | CLUTCH, COMPLETE LESS DRIVEN MEMBER | |
| 255740 R91 | PRESSURE PLATE AND RING, COMPLETE | 1 |
| 255753 R91 | ADJUSTING RING AND BACK PLATE, COMPLETE | 1 |
| 255884 R91 | RELEASE SLEEVE AND YOKE, COMPLETE | 1 |
| 255893 R1 | RETRACTING CAP SCREW | 3 |
| 255894 R1 | RETRACTING SPRING | 3 |
| 255895 R1 | LINK | 6 |
| 255896 R1 | LINK PIN | 12 |
| 255897 R1 | ACTUATING LEVER | 6 |
| 255898 R1 | ACTUATING LEVER PIN | 6 |
| | | |
| | | |

§ - NOT SUPPLIED SEPARATELY

| PART NUMBER | DESCRIPTION | NO. USED PER ASSEMBLY |
|---|---|---|
| 255740 R91 | PRESSURE PLATE AND RING, COMPLETE | |
| 255741 R1 | PRESSURE PLATE | 1 |
| 255742 R1 | SPRING CUP | 18 |
| 255743 R1 | PRESSURE SPRING | 18 |
| 255744 R1 | SPACER | 9 |
| 255745 R1 | AUXILIARY PRESSURE SPRING | 18 |
| 255746 R1 | AUXILIARY SPRING RETAINER | 18 |
| 255747 R1 | AUXILIARY SPRING RETAINER | 18 |
| 255748 R1 | INSULATING WASHER | 18 |
| 255749 R1 | PRESSURE RING WITH 1 CAM RETAINER AND 6 CAMS | 1 |
| | LOCKWASHER, 3/8" | 9 |
| | CAP SCREW, 3/8" - 16 x 1" HEX HEAD | 9 |
| | | |
| | | |
| 255753 R91 | ADJUSTING RING AND BACK PLATE, COMPLETE | |
| 255754 R91 | ADJUSTING RING WITH 6 BRACKETS, 255756 R1 AND 6 WEAR PLATES, 255757 R1 | 1 |
| 255756 R1 | BRACKET | 6 |
| 255757 R1 | WEAR PLATE | 6 |
| 255758 R1 | LEVER PIN LOCK CLIP | 6 |
| 255759 R91 | BACK PLATE, 255760 R1 AND 3 DRIVE PLATES, 255761 R1 WITH 6 RIVETS 3/8" x 1-3/8" | 1 |
| 255760 R1 | BACK PLATE | 1 |
| 255761 R1 | DRIVE PLATE | 3 |
| 255762 R1 | ADJUSTING LOCK SCREW | 1 |
| 255763 R1 | SPACER | 2 |
| 255764 R1 | ADJUSTING LOCK PLATE | 1 |
| | COTTER PIN, 3/32 x 3/4" | 1 |
| | HEAD BOLT, 5/16 - 24 x 1-1/4" | 2 |
| | LOCKWASHER, 7/16" | 1 |
| | LOCKWASHER, 5/16" | 2 |
| | | |
| | | |
| 255884 R91 | RELEASE SLEEVE AND YOKE, COMPLETE | |
| 40940 D | BEARING (N.D. 7514) | 1 |
| Q 3625 | GREASE FITTING | 1 |
| 255885 R1 | RELEASE YOKE | 1 |
| 255886 R1 | FELT WASHER | 1 |
| 255887 R1 | LOCK RING | 1 |
| 255888 R1 | BEARING RETAINER | 1 |
| 255889 R1 | CAP SCREW, 3/8 - 24 x 5/8" | 6 |
| 255890 R91 | RELEASE SLEEVE WITH 2 BUSHINGS, 255891 R1 AND 6 BUSHINGS, 255892 R1 | 1 |
| | | |
| 256258 R91 | REPLACEMENT ENGINE (FIELD PACKAGE) (WITH I.H. FUEL INJECTION PUMP) | |
| | ONE (1) SIX (6) CYLINDER DIESEL ENGINE WITH I.H. FUEL INJECTION PUMP | 1 |
| 22510 D | FUEL FILTER INLET ELBOW | 1 |
| 29976 D | RADIATOR INLET HOSE CLAMP | 4 |
| 37165 D | FUEL RETURN TUBE NUT | 2 |
| 42536 D | RADIATOR INLET ELBOW GASKET | 1 |
| 42614 D | RADIATOR INLET HOSE | 2 |
| 251089 R1 | RADIATOR INLET ELBOW | 1 |
| 251090 R1 | RADIATOR INLET ELBOW TUBE | 1 |
| 251629 R11 | AIR CLEANER PIPE, FRONT | 1 |
| 251631 R1 | AIR CLEANER PIPE GASKET | 1 |
| 251632 R11 | HOOD SHEET | 1 |
| 255039 R1 | GOVERNOR CONTROL ROD | 1 |
| 255053 R11 | FUEL TUBE | 1 |
| 256260 R11 | FUEL RETURN TUBE WITH 2 NUTS, 37165 D | 1 |
| | CAP SCREW, 3/8 x 7/8" N.C. HEX HEAD | 4 |
| | COTTER PIN, 1/8 x 3/4" | 1 |
| | LOCKWASHER, 3/8" | 4 |

| PART NUMBER | DESCRIPTION | NO. USED PER ASSEMBLY |
|---|---|---|
| 256259 R91 | REPLACEMENT ENGINE (FIELD PACKAGE) (WITH BOSCH FUEL INJECTION PUMP) | |
| | ONE (1) SIX (6) CYLINDER DIESEL ENGINE (TDRM 15001 UP) WITH BOSCH FUEL INJECTION | |
| | PUMP | |
| 29976 D | RADIATOR INLET HOSE CLAMP | 4 |
| 37165 D | FUEL RETURN TUBE NUT | 2 |
| 42536 D | RADIATOR INLET ELBOW GASKET | 1 |
| 42614 D | RADIATOR INLET HOSE | 2 |
| 251089 R1 | RADIATOR INLET ELBOW | 1 |
| 251090 R1 | RADIATOR INLET ELBOW TUBE | 1 |
| 251629 R11 | AIR CLEANER PIPE, FRONT | 1 |
| 251631 R1 | AIR CLEANER PIPE GASKET | 1 |
| 251632 R11 | HOOD SHEET | 1 |
| 255039 R1 | GOVERNOR CONTROL ROD | 1 |
| 255979 R11 | FUEL RETURN TUBE WITH 2 NUTS, 37165 D | 1 |
| | COTTER PIN, 1/8 x 3/4" | 1 |
| | CAP SCREW, 3/8 x 7/8" N.C. HEX HEAD | 4 |
| | LOCKWASHER, 3/8" | 4 |
| 256468 R91 | PLUNGER, COMPLETE | |
| 59623 D | PLUNGER BUSHING SCREW | 2 |
| 59624 D | PLUNGER BUSHING SCREW GASKET | 2 |
| 59633 D | PLUNGER SPRING | 1 |
| 59634 D | PLUNGER SPRING SEAT | 1 |
| 59650 DA | PLUNGER FILTER ELEMENT | 1 |
| 59652 D | PLUNGER BUSHING CLAMP SEAL | 1 |
| 59664 D | FUEL RETURN CHECK SPRING SEAT | 1 |
| 59665 D | FUEL RETURN CHECK SPRING LOCK | 1 |
| 61926 DBX | PLUNGER BUSHING CLAMP | 1 |
| 64679 D | PLUNGER BUSHING CLAMP LOCK | 1 |
| 66392 D | CHECK AND REVERSE CHECK VALVE BLOCK, COMPLETE | 1 |
| 255020 R1 | PLUNGER CONTROL GEAR | 1 |
| 255021 R1 | PLUNGER BUSHING RETAINER | 1 |
| 255022 R1 | PLUNGER BUSHING RETAINER FLANGE | 1 |
| 256117 R1 | FUEL RETURN CHECK SPRING SEAT | 1 |
| 256437 R11 | PLUNGER AND BUSHING | 1 |
| 256631 R91 | TRANSMISSION GEAR SHIFT LOCK FIELD SERVICE PACKAGE | |
| 69071 DAX | GEAR SHIFTER LOCK PIN PLATE | 1 |
| 69106 DA | HI-LO GEAR SHIFTER RAIL AND FORK | 1 |
| 69107 DB | LOW AND REVERSE GEAR SHIFTER RAIL AND FORK | 1 |
| 69108 DB | SECOND AND THIRD GEAR SHIFTER RAIL AND FORK | 1 |

## DETAILS OF ASSEMBLY

| PART NUMBER | DESCRIPTION | NO. USED PER ASSEMBLY |
|---|---|---|
| 256979 R91 | BOSCH INJECTION PUMP, COMPLETE (TYPE "Q") (SEE NOTE) | |
| 12736 D | INJECTION PUMP SEAL, LONG | 3 |
| 33275 D | TIMING COUPLING ADJUSTER | 1 |
| 37323 DX | PRIMARY PUMP OUTLET ELBOW | 1 |
| 37323 DX | INJECTION PUMP INLET ELBOW | 1 |
| 40255 D | DELIVERY VALVE HOLDER PROTECTION CAP — FOR | 6 |
| | OVERFLOW VALVE PROTECTION CAP (SEE 54372 D) — SHIPPING | 1 |
| | FUEL PUMP FITTING PLUG XXX QUALITY CORK, 5/16 x 7/16 x 5/8" LONG — ONLY | 3 |
| 50607 DX | PRIMARY PUMP INLET ELBOW | 1 |
| 54909 D | INJECTION PUMP DRIVE FLANGE | 1 |
| 61961 D | LUBRICATING OIL OVERFLOW ELBOW PLUG | 1 |
| 0 40 | INJECTION PUMP SEAL, SHORT | 1 |
| | CAP SCREW, 3/8 x 5/8" HEX HEAD | 2 |
| | LOCKWASHER, 3/8" | 2 |
| | | |
| | | |
| 257049 R91 | STEERING CLUTCH FIELD CHANGE PACKAGE | |
| 8742 DAX | DRIVE BEVEL GEAR BEARING CAGE CAP, L.H. | 1 |
| 8743 DAX | DRIVE BEVEL GEAR BEARING CAP CAP, R.H. | 1 |
| 40929 D | DRIVE BEVEL GEAR BEARING CAGE CAP GASKET | 2 |
| 251624 R11 | STEERING CLUTCH SHAFT | 2 |
| 251625 R11 | STEERING CLUTCH SHAFT COUPLING | 2 |
| 251626 R1 | STEERING CLUTCH SHAFT COUPLING RETAINER | 4 |
| 256790 R1 | STEERING CLUTCH PILOT BEARING RETAINER NUT | 2 |
| 221813 | SELF LOCKING BOLT | 12 |
| | | |
| 257135 R91 | GOVERNOR SPRING WITH INNER SPRING, 67208 D | |
| § 59757 D | GOVERNOR SPRING SPACER, 1/8" | X |
| § 59758 D | GOVERNOR SPRING SPACER, 1/16" | X |
| § 67207 D | GOVERNOR SPRING EYE | 1 |
| 67208 D | GOVERNOR SPRING-INNER | 1 |
| § 67209 DA | GOVERNOR SPRING ADAPTER SLEEVE | 1 |
| § 67233 D | GOVERNOR SPRING SPACER, 3/32" | X |
| § 67234 D | GOVERNOR SPRING SPACER, 1/4" | X |
| § 67235 D | GOVERNOR SPRING SPACER, 3/8" | X |
| § 253540 R1 | GOVERNOR SPRING ADAPTER | 1 |
| § 257127 R1 | GOVERNOR SPRING-OUTER | 1 |
| | | |
| | | |
| 257617 R22 | STEERING CLUTCH HAND LEVER, L.H. COMPLETE | |
| 41597 D | LEVER HANDLE | 1 |
| 42175 D | LEVER BUSHING | 2 |
| 55377 D | LEVER ADJUSTING SCREW | 1 |
| § 257617 R1 | HAND LEVER, L.H. | 1 |
| | | |
| | | |
| 257618 R22 | STEERING CLUTCH HAND LEVER, R.H., COMPLETE | |
| 41597 D | LEVER HANDLE | 1 |
| 42175 D | LEVER BUSHING | 2 |
| 55377 D | LEVER ADJUSTING SCREW | 1 |
| § 257618 R1 | HAND LEVER, R.H. | 1 |
| | | |
| | | |
| | NOTE - REFER TO - INJECTION PUMP PARTS CATALOG PU-27 WHEN ORDERING DETAIL PARTS FOR COMPLETE "Q" INJECTION PUMPS AND ALSO FOR SPECIAL INJECTION PUMPS NOT LISTED ABOVE. | |

§ - NOT SUPPLIED SEPARATELY

X - AS REQUIRED

## DETAILS OF ASSEMBLY

| PART NUMBER | DESCRIPTION | NO. USED PER ASSEMBLY |
|---|---|---|
| 257645 R91 | Bosch Fuel Injection Pump Attachment | |
| 12736 D | Injection Pump Seal - Long | 3 |
| 16445 D | Fuel Return Pipe Clip Felt | 1 |
| 29898 D | Injection Pump Overflow Pipe Nut | 1 |
| 32346 DAX | Injection Pump Drive Shaft Flange | 1 |
| 37165 D | Fuel Return Tube Coupling Nut | 1 |
| 37323 DX | Water Trap to Primary Pump Elbow (Water Trap End) | 1 |
| 37323 DX | Primary Pump to Fuel Filter Pipe Elbow | 2 |
| 37323 DX | Fuel Filter to Injection Pump Pipe Elbow (Filter End) | 1 |
| 38026 DMX | Water Trap Inlet Connector | 1 |
| 38026 DMX | Water Trap to Primary Pump Pipe Connector | 1 |
| 42406 DX | Fuel Pipe Elbow (Front End of Fuel Pipe) | 1 |
| 50607 DX | Fuel Filter to Injection Pump Pipe Elbow (Pump End) | 1 |
| 52128 D | Injection Pump Overflow Pipe Clip-Lower | 1 |
| 54125 D | Governor Control Rod Spring | 2 |
| 54909 D | Injection Pump Drive Flange | 1 |
| 56081 DX | Fuel Tube (Fuel Pipe to Water Trap) | 1 |
| 56278 D | Fuel Return Pipe Clip | 1 |
| 56617 DA | Injection Pipe Brace | 1 |
| § 61407 D | Injection Pump Overflow Pipe | 1 |
| 61407 DX | Injection Pump Overflow Pipe with Nut, 37165 D | 1 |
| 64121 D | Injection Pump Overflow Pipe Clip - Upper | 1 |
| 0-40 | Injection Pump Seal - Short | 1 |
| 251086 R12 | Set of Six Injection Pipes | 1 |
| 251475 R91 | Governor Control, Complete | 1 |
| § 251576 R1 | Primary Pump to Fuel Filter Pipe | 1 |
| 251576 R11 | Primary Pump to Fuel Filter Pipe with Nut, 37165 D | 1 |
| § 251577 R1 | Fuel Filter to Injection Pump Pipe | 1 |
| 251577 R11 | Fuel Filter to Injection Pump Pipe with Nut, 37165 D | 1 |
| 254418 R3 | Injection Pump Bracket | X |
| § 254419 R1 | Water Trap to Primary Pump Pipe | 1 |
| 254419 R11 | Water Trap to Primary Pump Pipe with Nut, 37165 D | 1 |
| § 255979 R1 | Fuel Return Tube (Fuel Pump to Return Pipe) | 1 |
| 255979 R11 | Fuel Return Tube with Nut, 37165 D (Fuel Pump to Return Pipe) | 1 |
| 258830 R91 | Fuel Injection Pump, Complete | 1 |
| 1001333 R1 | Instruction Transfer | 1 |
| | Cap Screw, 1/2 x 1-3/4" N.C. Hex. Head | 4 |
| | Cap Screw, 3/8 x 7/8" N.C. Hex. Head | 4 |
| | Lockwasher, 3/8" | 4 |
| | Lockwasher, 1/2" | 4 |
| | Pipe Plug, 3/8" Countersunk | 1 |
| | Flat Washer, 3/32" I.D. x 3/4" O.D. x No. 16 Ga. | 1 |
| 258270 R91 | Water Pump, Complete (Less Fan) | |
| 257212 R1 | Water Pump Bearing Spacer | 1 |
| 257214 R1 | Water Pump Oil Seal Housing Gasket | 1 |
| 257216 R1 | Water Pump Pulley | 1 |
| 257217 R1 | Water Pump Pulley Nut | 1 |
| 103907 | Water Pump Pulley Key | 1 |

§ - Not Supplied Separately

## DETAILS OF ASSEMBLY

| PART NUMBER | DESCRIPTION | NO. USED PER ASSEMBLY |
|---|---|---|
| 258830 R91 | Bosch Fuel Injection Pump, Complete (Type "Q") (See Note) | |
| 12736 D | Injection Pump Seal, Long | 3 |
| 33275 D | Timing Coupling Adjuster | 1 |
| 37323 DX | Primary Pump to Fuel Filter Pipe Elbow | 1 |
| 40255 D | Delivery Valve Holder Protection Cap (For Shipping only) | 6 |
| 50607 DX | Water Trap to Primary Pipe Elbow (Pump End) | 1 |
| 50607 DX | Fuel Filter to Injection Pump Pipe Elbow (Pump End) | 1 |
| 54909 D | Injection Pump Drive Flange | 1 |
| 61961 D | Lubricating Oil Overflow Elbow Plug (For Shipping Only) | 1 |
| 0-40 | Overflow Valve Protection Cap (See 54372 DB) (For Shipping only) | 1 |
| | Cork, 5/16" Diameter x 1/2" Long (No. 1 Quality) (Used on Fuel Pump Fitting Plug) | |
| | (For Shipping only) | 3 |
| | Cap Screw, 3/8 x 5/8" N.F. Hex Head | 2 |
| | Lockwasher, 3/8" | 2 |
| | | |
| 259490 R91 | Water Trap and Fuel Filter Element Package | |
| 37323 DX | Fuel Filter Inlet Pipe Elbow | 1 |
| 50607 DX | Water Trap Outlet Elbow | 1 |
| 51527 DB | Water Trap Bracket Gasket | 1 |
| 251355 R91 | Water Trap | 1 |
| 251749 R1 | Water Trap Bracket | 1 |
| 259458 R1 | Water Trap Adapter Plate | 1 |
| 259459 R11 | Fuel Pipe - Water Trap to Fuel Filter | 1 |
| 259460 R11 | Fuel Pipe - Fuel Pipe to Water Trap | 1 |
| 259480 R91 | Fuel Filter Element | 1 |
| 259485 R91 | Fuel Filter Case Stud | 1 |
| | Cap Screw, 3/8 x 1" N.C. Hex. Head | 1 |
| | Cap Screw, 1/2 x 2" N.C. Hex Head | 2 |
| | Cap Screw, 1/2 x 3" N.C. Hex. Head | 1 |
| | Hex. Nut, 3/8" N.C. | 2 |
| | Lockwasher, 3/8" | 2 |
| | Lockwasher, 1/2" | 1 |
| | | |
| 259491 R91 | Water Trap and Fuel Filter Element Package | |
| 16445 D | Air Trap to Water Trap Tube Clip Felt | 1 |
| 37323 DX | Fuel Filter Inlet Pipe Elbow | 1 |
| 50607 DX | Water Trap Outlet Elbow | 1 |
| 51527 DB | Water Trap Bracket Gasket | 1 |
| 251355 R91 | Water Trap Complete | 1 |
| 251749 R1 | Water Trap Bracket | 1 |
| 254457 R1 | Air Trap to Water Trap Tube Clip | 1 |
| 259458 R1 | Water Adapter Plate | 1 |
| 259459 R11 | Fuel Pipe - Water Trap to Fuel Filter | 1 |
| 259480 R91 | Fuel Filter Element | 1 |
| 259485 R91 | Fuel Filter Case Stud | 1 |
| 259933 R11 | Air Trap to Water Trap Tube | 1 |
| | Cap Screw, 1/4 x 1/2" N.C. Round Head Slotted | 1 |
| | Cap Screw, 3/8 x 1" N.C. Hex. Head | 2 |
| | Cap Screw, 1/2 x 2" N.C. Hex. Head | 2 |
| | Hex. Nut, 1/4" N.C. | 1 |
| | Hex. Nut, 3/8" N.C. | 2 |
| | Lockwasher, 1/4" | 1 |
| | Lockwasher, 3/8" | 2 |
| | | |
| | NOTE - Refer To - Injection Pump Parts Catalog PU-27 when Ordering Detail Parts for Complete "Q" Injection Pumps and also for Special Injection Pumps not listed above. | |

## DETAILS OF ASSEMBLY

| PART NUMBER | DESCRIPTION | NO. USED PER ASSEMBLY |
|---|---|---|
| 259633 R91 | FUEL FILTER, COMPLETE | |
| 13839 D | FUEL FILTER CASE STUD GASKET | 1 |
| 13841 D | FUEL FILTER CASE GASKET | 1 |
| 28772 D | FUEL FILTER CASE | 1 |
| 39677 D | FUEL FILTER BLEEDER | 1 |
| 250701 R12 | FUEL FILTER BASE | 1 |
| 259480 R91 | FUEL FILTER ELEMENT | 1 |
| 259485 R91 | FUEL FILTER CASE STUD | 1 |
| | | |
| | | |
| | | |
| | | |
| 260702 R11 | FUEL FILTER COVER, COMPLETE | |
| 260702 R1 | FUEL FILTER CASE COVER | 1 |
| 260703 R1 | FUEL FILTER COVER NUT | 1 |
| 260704 R1 | FUEL FILTER COVER NUT GASKET | 1 |
| 260705 R1 | FUEL FILTER COVER NUT RETAINING RING | 1 |
| 260839 R1 | FUEL FILTER CASE COVER GASKET | 1 |
| | | |
| | | |
| | | |
| | | |
| 260712 R91 | FUEL FILTER, COMPLETE | |
| 39677 D | FUEL FILTER BLEEDER VALVE | 1 |
| 60877 D | WATER TRAP GLASS | 1 |
| 60878 D | WATER TRAP BAIL | 1 |
| 259480 R91 | FUEL FILTER ELEMENT | 2 |
| 260698 R1 | FUEL FILTER BASE | 1 |
| 260699 R1 | FUEL FILTER CASE | 1 |
| 260700 R1 | FUEL FILTER CASE STUD | 2 |
| 260701 R1 | FUEL FILTER CASE STUD LOCK NUT | 2 |
| 260702 R11 | FUEL FILTER CASE COVER | 2 |
| 260706 R91 | WATER SEPARATOR SCREEN | 1 |
| 260707 R1 | WATER SEPARATOR SCREEN SPRING | 1 |
| 260708 R1 | WATER TRAP BOWL GASKET | 1 |
| 260709 R1 | WATER TRAP DRAIN PIPE | 1 |
| 260710 R1 | FUEL FILTER CASE SEAL RING | 2 |
| 9982 T | FUEL FILTER DRAIN VALVE | 2 |
| | | |
| | | |
| | | |
| | | |
| 260910 R91 | DUAL FUEL FILTER PACKAGE | |
| 22507 D | AUXILIARY FILTER TO PRIMARY PUMP CONNECTOR (FILTER END) | 1 |
| 37323 D | PRIMARY PUMP TO FINAL FUEL FILTER ELBOW (FILTER END) | 1 |
| 37323 D | FUEL PIPE TO FUEL FILTER PIPE ELBOW | 1 |
| 38026 DM | FINAL FILTER TO INJECTION PUMP PIPE CONNECTOR (FILTER END) | 1 |
| 260304 R1 | ELBOW, 1/4" STREET | 1 |
| 260711 R1 | FUEL FILTER BASE SPACER | 1 |
| 260712 R1 | FUEL FILTER, COMPLETE | 1 |
| 260736 R11 | AUXILIARY FILTER TO PRIMARY PUMP PIPE | 1 |
| 260737 R11 | PRIMARY PUMP TO FINAL FILTER PIPE | 1 |
| 260738 R11 | FINAL FILTER TO INJECTION PUMP PIPE | 1 |
| 260838 R11 | FUEL PIPE TO FUEL FILTER TUBE | 1 |
| 260906 R11 | FUEL RETURN PIPE | 1 |
| | | |
| | | |
| | | |

**To facilitate the servicing of the TracTracTors equipped with special features we have assigned a suffix letter code to the tractor serial number as a means of identification. This code applies to special features that replace standard parts or units only and have not coded Attachments that do not effect replacement of standard parts or units.**

**(Example: TDR-2255T7B; this indicates the TracTracTor is a Wide Tread with High Speed Gears and Heavy Duty Track Roller Shield.)**

**NOTE: The suffix letter code appearing with the serial number after TDR-2254 is used upon TracTracTors with special features as follows:**

T 1 Gasoline

T 2 Modified

T 3 Kerosene

T 4 U. S. Army
T 4 M U. S. Marine Corps
T 4 N U. S. Navy

T 5 5000 ft. Altitude

T 6 Low Speed Gear
T 6 A " —Heavy Duty Track Roller Shield
T 6 B " — " —Rigid Track Frame
T 6 C " — " — " —Front Power Take-Off
T 6 D " — " — " — " —Light. or Starting (Delco-Remy)
T 6 E " — " — " — " — " (Delco-Remy Heavy Duty)
T 6 F " — " — " — " —Lighting (Robert Bosch)

T 6 G " —Rigid Track Frame
T 6 H " — " —Front Power Take-Off
T 6 J " — " — " —Lighting or Starting (Delco-Remy)
T 6 K " — " — " — " (Delco-Remy Heavy Duty)
T 6 L " — " — " —Lighting (Robert Bosch)

T 6 M " —Front Power Take-Off
T 6 N " — " —Lighting or Starting (Delco-Remy)
T 6 P " — " — " (Delco-Remy Heavy Duty)
T 6 R " — " —Lighting (Robert Bosch)
T 6 S " —Light. or Starting (Delco-Remy)
T 6 T " — " (Delco-Remy Heavy Duty)
T 6 U " —Lighting (Robert Bosch)

T 7 Wide Tread
T 7 A " —High Speed Gear
T 7 B " — " —Heavy Duty Track Roller Shield
T 7 C " — " — " —Rigid Track Frame
T 7 D " — " — " — " —Front Power Take-Off
T 7 E " — " — " — " — " —Light. or Starting (Delco-Remy)
T 7 F " — " — " — " — " — " (Delco-Remy Heavy Duty)
T 7 G " — " — " — " — " —Lighting (Robert Bosch)

T 7 H " — " —Rigid Track Frame
T 7 J " — " — " —Front Power Take-Off
T 7 K " — " — " — " —Light. or Starting (Delco-Remy)
T 7 L " — " — " — " — " (Delco-Remy Heavy Duty)
T 7 M " — " — " — " —Lighting (Robert Bosch)

T 7 N Wide Tread—High Speed Gear—Front Power Take-Off
T 7 P " — " — " —Light. or Starting (Delco-Remy)
T 7 R " — " — " — " (Delco-Remy Heavy Duty)
T 7 S " — " — " —Lighting (Robert Bosch)

T 7 T " — " —Light. or Starting (Delco-Remy)
T 7 U " — " — " (Delco-Remy Heavy Duty)
T 7 V " — " —Lighting (Robert Bosch)
T 7 W " — " —Heavy Duty Track Roller Shield—Front Power Take-Off—Light. or Starting (Delco-Remy Heavy Duty)
T 7 X " — " —Cutaway Sprocket—Light. or Starting (Delco-Remy Heavy Duty)

T 7 AA " —Low Speed Gear
T 7 AB " — " —Heavy Duty Track Roller Shield
T 7 AC " — " — " —Rigid Track Frame
T 7 AD " — " — " — " —Front Power Take-Off
T 7 AE " — " — " — " — " —Lighting or Starting (Delco-Remy)
T 7 AF " — " — " — " — " — " (Delco-Remy Heavy Duty)
T 7 AG " — " — " — " — " —Lighting (Robert Bosch)

T 7 AH " — " —Rigid Track Frame
T 7 AJ " — " — " —Front Power Take-Off
T 7 AK " — " — " — " —Light. or Starting (Delco-Remy)
T 7 AL " — " — " — " — " (Delco-Remy Heavy Duty)
T 7 AM " — " — " — " —Lighting (Robert Bosch)

T 7 AN " —Low Speed Gear—Front Power Take-Off
T 7 AP " — " — " —Light. or Starting (Delco-Remy)
T 7 AR " — " — " — " (Delco-Remy Heavy Duty)
T 7 AS " — " — " —Lighting (Robert Bosch)

T 7 AT " — " —Light or Starting (Delco-Remy)
T 7 AU " — " — " (Delco-Remy Heavy Duty)
T 7 AV " — " —Lighting (Robert Bosch)

T 7 BA " —Heavy Duty Track Roller Shield
T 7 BC " — " —Rigid Track Frame
T 7 BD " — " — " —Front Power Take-Off
T 7 BE " — " — " — " —Light. or Starting (Delco-Remy)
T 7 BF " — " — " — " — " (Delco-Remy Heavy Duty)
T 7 BG " — " — " — " —Lighting (Robert Bosch)
T 7 BH " — " —Front Power Take-Off—Light. or Starting (Delco-Remy Heavy Duty)
T 7 BHA " — " — " — " (Delco-Remy)
T 7 BHB " — " — " —Heavy Duty Drawbar
T 7 BJ " — " — " —Cutaway Sprocket—Light. or Starting (Delco-Remy Heavy Duty)
T 7 BJA " — " — " — " —Reverse Flow Fan—Light. or Starting (Delco-Remy Heavy Duty)
T 7 BK " — " — " —Cutaway Sprocket
T 7 BKA " — " — " — " —Reverse Flow Fan
T 7 BKB " — " — " — " —Heavy Duty Drawbar
T 7 BKC " — " — " — " —Light. or Starting (Delco-Remy)
T 7 BL " — " —Light. or Starting (Delco-Remy Heavy Duty)
T 7 BLA " — " — " (Delco-Remy)
T 7 BM " — " —Cutaway Sprocket—Light. or Starting (Delco-Remy Heavy Duty)
T 7 BMA " — " —Cutaway Sprocket
T 7 BMB " — " — " —Light. or Starting (Delco-Remy)

T 7 BN Wide Tread—Rigid Track Frame
T 7 BP " — " —Front Power Take-Off
T 7 BR " — " — " —Light. or Starting (Delco-Remy)
T 7 BS " — " — " — " (Delco-Remy Heavy Duty)
T 7 BT " — " — " —Lighting (Robert Bosch)
T 7 BU " — " —Extended Track Frame—Heavy Front Idler—Light. or Starting (Delco-Remy)
T 7 BV " — " — " — " — " (Delco-Remy Heavy Duty)
T 7 BW " — " —Heavy Front Idler—Light. or Starting (Delco-Remy Heavy Duty)
T 7 BX " — " —Extended Track Frame

T 7 CA Wide Tread—Front Power Take-Off
T 7 CB " — " —Light. or Starting (Delco-Remy)
T 7 CC " — " — " (Delco-Remy Heavy Duty)
T 7 CD " — " —Lighting (Robert Bosch)
T 7 CE " — " —Cutaway Sprocket—Light. or Starting (Delco-Remy Heavy Duty)
T 7 CEA " — " — " — " (Delco-Remy)
T 7 CF " — " —Heavy Duty Track Roller Shield
T 7 CG " — " —Reverse Flow Fan
T 7 CL " —Lighting or Starting (Delco-Remy)
T 7 CM " — " (Delco-Remy Heavy Duty)
T 7 CMA " — " " " —Reverse Flow Fan
T 7 CN " —Lighting (Robert Bosch)
T 7 CP " —Cutaway Sprocket—Light. or Starting (Delco-Remy Heavy Duty)
T 7 CR " — " — " (Delco-Remy)
T 7 CS " —Front Power Take-Off—Cutaway Sprocket

T 7 DA Wide Tread—Cutaway Sprocket

T 7 EA Wide Tread—Reverse Flow Fan

T 7 FA Wide Tread—Heavy Front Idler—Front Power Take-Off—Reverse Flow Fan—Light. or Starting (Delco-Remy)
T 7 FB " — " — " — " — " (Delco-Remy Heavy Duty)

T 7 GA Wide Tread—Extended Track Frame—Lighting (Robert Bosch)

T 7 HA Wide Tread—Heavy Duty Drawbar—Light. or Starting (Delco-Remy Heavy Duty)

T 8 8,000 ft. altitude

T 9 High Speed Gear
T 9 A " —Heavy Duty Track Roller Shield
T 9 B " — " —Rigid Track Frame
T 9 C " — " — " —Front Power Take-Off
T 9 D " — " — " — " —Light. or Starting (Delco-Remy)
T 9 E " — " — " — " — " (Delco-Remy Heavy Duty)
T 9 F " — " — " — " —Lighting (Robert Bosch)
T 9 G " —Rigid Track Frame
T 9 H " — " —Front Power Take-Off
T 9 J " — " — " —Light. or Starting (Delco-Remy)
T 9 K " — " — " — " (Delco-Remy Heavy Duty)
T 9 L " — " — " —Lighting (Robert Bosch)
T 9 M " —Front Power Take-Off
T 9 N " — " —Light. or Starting (Delco-Remy)
T 9 P " — " — " (Delco-Remy Heavy Duty)
T 9 R " — " —Lighting (Robert Bosch)
T 9 S " —Light. or Starting (Delco-Remy)
T 9 T " — " (Delco-Remy Heavy Duty)
T 9 U " —Lighting (Robert Bosch)
T 9 V " —Cutaway Sprocket—Light. or Starting (Delco-Remy Heavy Duty)
T 9 VA " — " — " (Delco-Remy)
T 9 W " — " —Front Power Take-Off—Light. or Starting (Delco-Remy Heavy Duty)
T 9 X " —Heavy Duty Track Roller Shield—Front Power Take-Off—Light. or Starting (Delco-Remy Heavy Duty)
T 9 Y " — " —Light. or Starting (Delco-Remy Heavy Duty)

T 10 10,000 ft. altitude

T 11 Heavy Duty Track Roller Shield
T 11 A " —Rigid Track Frame
T 11 B " — " —Front Power Take-Off
T 11 C " — " — " —Light. or Starting (Delco-Remy)
T 11 D " — " — " — " (Delco-Remy Heavy Duty)
T 11 E " — " — " —Lighting (Robert Bosch)
T 11 F " —Front Power Take-Off—Light. or Starting (Delco-Remy Heavy Duty)
T 11 G " —Light. or Starting (Delco-Remy Heavy Duty)
T 11 H " —Front Power Take-Off—Cutaway Sprocket
T 11 J " — " —Reverse Flow Fan—Light. or Starting (Delco-Remy Heavy Duty)
T 11 K " —Lighting (Robert Bosch)
T 11 L " —Front Power Take-Off—Light. or Starting (Delco-Remy)
T 11 M " —Front Power Take-Off
T 11 N " — " —Cutaway Sprocket—Light. or Starting (Delco-Remy Heavy Duty)
T 11 P " — " — " — " (Delco-Remy)
T 11 R " —Light. or Starting (Delco-Remy)
T 11 S " —Cutaway Sprocket—Light. or Starting (Delco-Remy Heavy Duty)
T 11 T " — " —Light. or Starting (Delo-Remy)
T 11 U " —Cutaway Sprocket

T 12 Rigid Track Frame
T 12 A " —Front Power Take-Off
T 12 B " — " —Light. or Starting (Delco-Remy)
T 12 C " — " — " (Delco-Remy Heavy Duty)
T 12 D " — " —Lighting (Robert Bosch)

T 13 Front Power Take-Off
T 13 A " —Light. or Starting (Delco-Remy)
T 13 B " — " (Delco-Remy Heavy Duty)
T 13 C " —Lighting (Robert Bosch)
T 13 D " —Cutaway Sprocket—Light. or Starting (Delco-Remy)
T 13 E " —Cutaway Sprocket
T 13 F " — " —Light. or Starting (Delco-Remy Heavy Duty)
T 13 G " —Reverse Flow Fan

T 14 Lighting or Starting (Delco-Remy)
T 14 A " (Delco-Remy Heavy Duty)
T 14 B Lighting (Robert Bosch)
T 14 C Lighting or Starting (Delco-Remy)—Cutaway Sprocket
T 14 D " (Delco-Remy Heavy Duty)—Cutaway Sprocket

T 15 Engines with undersize crankshaft

T 16 Cutaway Sprocket

# NUMERICAL INDEX


| PART NUMBER | PAGE |
|---|---|
| **No.** | |
| 12736 | 77 |
| 103028 | 35 |
| 103319 | 83 |
| 103320 | 35 |
| 103321 | 35,36 |
| 103323 | 35,36 |
| 103324 | 101 |
| 103494 | 12 |
| 103646 | 51 |
| 103844 | 44 |
| 103865 | 35 |
| 103873 | 35 |
| 103892 | 8 |
| 103905 | 88,92 |
| 106749 | 52,58,88 |
| 106751 | 77,79 |
| 113782 | 77,79 |
| 114604 | 11 |
| 117213 | 35 |
| 117580 | 17 |
| 117944 | 23 |
| 117977 | 21 |
| 117994 | 24,25B |
| 120614 | 59 |
| 132105 | 57 |
| 132119 | 58 |
| 132124 | 60 |
| 132133 | 59 |
| 132760 | 59 |
| 137142 | 120 |
| 138167 | 110,117,118, 119,120,124 |
| 138181 | 120,121 |
| 172531 | 9 |
| 172541 | 94 |
| 172574 | 18 |
| 172580 | 17 |
| 172589 | 20 |
| 177810 | 57 |
| 179817 | 35 |
| 179837 | 35 |
| 179841 | 35,36 |
| 179850 | 35 |
| 179883 | 36 |
| 179894 | 35 |
| 186282 | 35 |
| 186566 | 60 |
| 192228 | 92 |
| 220415 | 83 |
| 221813 | 181 |
| 436692 | 60 |
| 6-5003 | 32 |
| 9B-62835-27 | 244 |
| 9B-62835-29 | 244 |
| 9B-62835-30 | 244 |
| 9B-62835-32 | 244 |
| 9B-62835-33 | 244 |
| 13-2835 | 246 |
| 14-2835-17 | 21 |
| 14-2835-21 | 21 |
| 22-118-1 | 21 |
| 29-02837-10 | 244 |
| 34-2835-1 | 136 |
| 45-2835 | 201,345 |
| 47-2835-1 | 201 |
| 47-2835-2 | 201 |
| **AB** | |
| AB 5009-2 | 244 |
| AB 5009-3 | 244 |
| AB 5009-10 | 244 |
| AB 5009-11 | 244 |
| AB 5009-12 | 244 |
| AB 5009-13 | 244 |
| AB 5009-14 | 244 |
| **B** | |
| B 0461-48 | 244 |
| **C** | |
| 1100 C | 95 |
| 1265 C | 88,92 |
| 1266 C | 34,53 |
| 19175 CA | 32 |
| **D** | |
| D 2616 | 266,274 |
| 1242 DB | 18 |
| 2546 DBYA | 59 |
| 2546 DBYB | 59 |
| 2546 DBYC | 298 |
| 2547 DX | 57,298 |
| 2548 DAY | 60,298 |
| 2551 DAY-6 | 54,298 |
| 3202 DDRXA | 22 |
| 3226 DB | 48 |
| 3713 DA | 18 |
| 3930 DX | 59 |
| 4222 D | 22 |
| 4444 D | 274 |
| 4452 D | 238 |
| 4596 D | 167,266,270,274 |
| 4710 D | 77,237,245 |
| 4926 DA | 134 |
| 4988 D | 17 |
| 4993 DC | 19 |
| 4994 DCX | 19 |
| 5004 DA | 66,68,76 |
| 5005 DX | 78 |
| 5005 DAX | 76 |
| 5006 DAX | 76,78,298 |
| 5008 DCX | 31,298 |
| 5009 DX | 32 |
| 5010 DAX | 32 |
| 5020 DB | 7 |
| 5024 DAR | 10 |
| 5025 DBR | 10 |
| 5027 DB | 8 |
| 5028 D | 8 |
| 5029 DX | 8 |
| 5046 DBX | 43 |
| 5049 DAX-32 | 50 |
| 5051 DX | 50 |
| 5052 D | 250 |
| 5076 D | 49 |
| 5086 DX | 59,299 |
| 5121 D | 243 |
| 5420 DX | 24 |
| 5421 D | 24 |
| 5428 D | 243 |
| 5470 DX | 276 |
| 5517 DM | 245 |
| 5518 DBMX | 299 |
| 5518 DMX | 245 |
| 5520 DBMX | 239 |
| 5520 DEMX | 242 |
| 5711 D | 180 |
| 5711 DC | 180 |
| 5712 D | 180 |
| 5712 DA | 180 |
| 5712 DB | 180 |
| 5713 DC | 180 |
| 5714 D | 180 |
| 5714 DA | 181 |
| 5714 DB | 181 |
| 5714 DD | 181 |
| 5714 DDX | 181,299 |

## NUMERICAL INDEX


| PART NUMBER | PAGE |
|---|---|
| 5715 D | 180 |
| 5719 D | 172 |
| 5720 D | 172 |
| 5721 DA | 172 |
| 5722 DA | 172 |
| 5723 DB | 127 |
| 5725 DBX | 197 |
| 5726 D | 197 |
| 5727 DA | 192 |
| 5728 D | 192 |
| 5728 DB | 192 |
| 5728 DAX | 192 |
| 5729 DAX | 192 |
| 5733 D | 200 |
| 5734 DY | 200,299 |
| 5735 D | 199 |
| 5767 DAX | 136 |
| 5768 DAX | 136 |
| 5769 DAX | 136 |
| 5770 DAX | 137 |
| 5772 DAX | 210 |
| 5773 DAX | 210 |
| 5774 DA | 211 |
| 5775 DA | 211 |
| 5776 DA | 211 |
| 5777 D | 211 |
| 5781 D | 190 |
| 5782 DA | 189 |
| 5783 DAX | 191 |
| 5784 DA | 191 |
| 5784 DB | 191 |
| 5785 D | 192 |
| 5786 DAX | 191 |
| 5786 DX | 191 |
| 5787 DX | 189 |
| 5792 D | 192 |
| 5792 DX | 192 |
| 5793 D | 192 |
| 5793 DX | 192 |
| 5801 DX | 185 |
| 5803 DC | 134 |
| 5812 D | 185 |
| 5813 DA | 186 |
| 5814 D | 186 |
| 5815 D | 144,151,185 |
| 5816 DB | 185 |
| 5817 DB | 185 |
| 5818 D | 148,151,189 |
| 5830 DB | 213 |
| 5831 DA | 213 |
| 5832 DAX | 127,148,151 |
| 5833 D | 190 |
| 5834 D | 192 |
| 5836 DX | 154 |
| 5837 DBX | 170 |
| 5838 DB | 170 |
| 5839 DA | 171 |
| 5840 D | 168A |
| 5841 DX | 168 |
| 5842 DA | 170 |
| 5843 DA | 170 |
| 5844 D | 169 |
| 5845 DA | 170 |
| 5846 DBX | 168 |
| 5849 DAX | 182 |
| 5850 DAX | 182 |
| 5855 DX | 148,176 |
| 5856 D | 176 |
| 5863 DAX | 197 |
| 5863 DDX | 197 |
| 5863 DDY | 197 |
| 5864 DAX | 197 |
| 5864 DDX | 197 |
| 5864 DDY | 197 |
| 5865 DA | 199 |
| 5866 DBX | 198 |
| 5867 DBX | 198 |
| 5868 DB | 198 |
| 5869 DBX | 202 |
| 5870 DBX | 202 |
| 5871 DB | 202 |
| 5872 DB | 202 |
| 5873 D | 203 |
| 5874 D | 203 |
| 5875 DAX | 202 |
| 5875 DBX | 202 |
| 5875 DX | 202 |
| 5876 DA | 193 |
| 5877 DCX | 190 |
| 5878 D | 192 |
| 5886 DX | 146 |
| 5887 DX | 147 |
| 5890 D | 146,147 |
| 5896 D | 182 |
| 5897 DA | 204 |
| 5900 DJX | 133,298 |
| 5900 DKX | 133,299 |
| 5900 DJY | 133 |
| 5900 DKY | 133,300 |
| 5900 DJZ | 133 |
| 5900 DKZ | 133,300 |
| 5913 D | 138 |
| 5938 DAX | 148,157,165 |
| 5939 DX | 165 |
| 5940 DA | 138 |
| 5941 DB | 140 |
| 5942 D | 139 |
| 5943 D | 139 |
| 5944 DA | 139 |
| 5945 DA | 138 |
| 5947DX | 52,300 |
| 5950 DX | 33 |
| 5950 DAX | 31 |
| 5951 D | 31 |
| 5952 D | 31 |
| 5953 DX | 43 |
| 5954 DX | 44 |
| 5955 DX | 44 |
| 5957 DBX | 22 |
| 5958 DBX | 23 |
| 5960 D | 21 |
| 5963 DAD | 28 |
| 5966 DAX | 38,300 |
| 5967 DAYA | 300 |
| 5968 DAYA | 301 |
| 5969 DA | 219 |
| 5970 DX | 301 |
| 5971 D | 12 |
| 5972 DX | 8 13 |
| 5973 D | 9 |
| 5974 D | 17 |
| 5975 DX | 49 |
| 5976 DAXA | 18,301 |
| 5977 D | 248 |
| 5980 D | 248 |
| 5981 DXA | 27 |
| 5982 DX | 27 |
| 5982 DAX | 27 |
| 5982 DAY | 27 |
| 5983 D | 28 |
| 5984 DX | 28 |
| 5986 D | 68,72 |
| 5987 DX | 33 |
| 5988 D | 33 |
| 5989 D | 33 |
| 5990 DX | 61 |
| 5990 DAX | 61,300 |
| 5991 DA | 12 |
| 5992 D | 54 |
| 6263 D | 266,270 |
| 6264 D | 266,270 |
| 6265 D | 267 |
| 6265 DA | 267 |
| 6266 DX | 265,269 |
| 6267 D | 266 |
| 6268 DX | 263 270 |
| 6269 DB | 269 |
| 6269 DC | 266 |
| 6269 DCY | 266 |
| 6269 DCZ | 266 |
| 6270 DX | 265,269 |
| 6276 DX | 263 |
| 6277 D | 263 |
| 6442 D | 140 |
| 6516 D | 247 |
| 6517 DAX | 24 ,247 |
| 6542 DX | 17 |
| 6542 DFX | 17 |
| 6542 DFY | 17 |
| 6649 D | 39 |
| 6666 DB | 193 |
| 6920 DX | 148,175 |
| 8046 D | 267 |
| 8046 DA | 270 |
| 8054 D | 287 |
| 8079 D | 12 |
| 8107 D | 248 |
| 8108 D | 248 |
| 8281 DA | 161 |
| 8300 DA | 211 |
| 8301 DA | 211 |
| 8334 D | 169 |
| 8364 DA | 211 |
| 8367 D | 200 |
| 8383 D | 250 |
| 8384 D | 250 |
| 8389 DA | 168A |
| 8511 D | 168A |
| 8525 DA | 39 |
| 8528 D | 12 |
| 8530 D | 173 |
| 8531 D | 173 |
| 8532 D | 173 |
| 8548 D | 176 |
| 8572 DA | 211 |
| 8617 DAX | 40 |
| 8679 DA | 176,259 |
| 8680 D | 179 |
| 8680 DX | 259 |
| 8682 DX | 179,259 |
| 8683 DAX | 148,151,176,259,301 |
| 8684 DAX | 148,159,176A,259 301 |
| 8686 DAX | 165,259 |

# NUMERICAL INDEX


| PART NUMBER | PAGE |
|---|---|
| 8720 DA | 7 |
| 8721 D | 40 |
| 8724 DX | 176A |
| 8725 D | 186 |
| 8735 DX | 274 |
| 8736 DBX | 273 |
| 8737 DA | 274 |
| 8738 D | 267,274 |
| 8739 D | 274 |
| 8740 D | 273 |
| 8741 DX | 267,275 |
| 8742 DAX | 179,259 |
| 8743 DAX | 179,259 |
| 8815 D | 278,282 |
| 8816 D | 278,282 |
| 8817 D | 278,282 |
| 8820 DX | 39 |
| 8829 D | 155 |
| 8830 D | 155 |
| 8831 DAX | 152 |
| 8832 D | 152,155 |
| 8903 DX | 280 |
| 8904 D | 280 |
| 8906 DBX | 239 |
| 8906 DEX | 17,235,302 |
| 8908 D | 243 |
| 8911 DX | 235,238 |
| 8929 D | 20 |
| 8935 D | 155A,251,283 |
| 8941 DX | 211 |
| 8942 DX | 211 |
| 8943 D | 155A,283 |
| 8967 D | 162 |
| 8969 D | 262 |
| 8970 DBX | 302 |
| 8973 DX | 302 |
| 8974 DXA | 81 |
| 8976 DA | 97 |
| 8980 D | 262 |
| 8981 D | 262 |
| 8982 DX | 198 |
| 8983 DX | 198 |
| 8984 D | 262 |
| 8985 D | 262 |
| 9015 DAX | 151 |
| 9118 DX | 161 |
| 9162 D | 203 |
| 9166 DX | 212 |
| 9167 DX | 212 |
| 9176 DX | 210 |
| 9257 DX | 161 |
| 9269 D | 19 |
| 9270 D | 19 |
| 9323 DAX | 22 |
| 9323 DAY | 23 |
| 9390 DX | 50 |
| 9440 DY | 50 |
| 9446 DAX | 39 |
| 9449 DX | 39 |
| 9453 D | 46 |
| 9454 D | 46 |
| 9456 DAX | 165 |
| 9457 D | 170 |
| 9468 DX | 190 |
| 9469 DAX | 191 |
| 9470 DX | 189 |
| 9471 DAX | 190 |
| 9473 DX | 192 |
| 9534 D | 220 |
| 9560 D | 233 |
| 9561 DX | 44 |
| 9635 DA | 151 |
| 9636 D | 267,275 |
| 9637 D | 166 |
| 9638 D | 148 |
| 9638 DX | 151,165 |
| 9641 DAX | 148,151,176 |
| 9642 DAX | 148,150,176A |
| 9647 DAX | 152 |
| 9649 DA | 127,148,151 |
| 9657 DX | 28,279 |
| 9662 D | 279 |
| 9662 DX | 280 |
| 9708 D | 61 |
| 9717 D | 180 |
| 9783 D | 167 |
| 9787 DX | 167 |
| 9788 DX | 167 |
| 10429 D | 138 |
| 10481 D | 51 |
| 10482 D | 51 |
| 10553 D | 51 |
| 10639 D | 25B |
| 10701 D | 88 |
| 10701 DA | 77,78 |
| 10722 D | 191 |
| 10951 D | 8 |
| 10961 D | 26 |
| 11373 D | 166 |
| 11858 DA | 220 |
| 12061 D | 285 |
| 12736 D | 78,121 |
| 12740 D | 51 |
| 13000 D | 10 |
| 13001 D | 17 |
| 13021 D | 26 |
| 13055 D | 21 |
| 13062 D | 18 |
| 13083 D | 8,9 |
| 13085 D | 33,51 |
| 13090 D | 37,43,243 |
| 13115 D | 166,259 |
| 13176 D | 274 |
| 13191 D | 161 |
| 13193 D | 161 |
| 13194 D | 161 |
| 13195 D | 161 |
| 13722 D | 167,266,270,274 |
| 13806 D | 77 |
| 13839 D | 61,63,64 |
| 13841 D | 61,64 |
| 13842 D | 64 |
| 13897 D | 113 |
| 14186 DA | 21,31 |
| 14581 D | 48 |
| 14971 D | 48 |
| 15435 D | 36 |
| 15668 D | 152 |
| 15944 D | 203 |
| 16445 D | 149,152A,157,161,163 |
| 16718 D | 160 |
| 17053 D | 165 |
| 17289 D | 200 |
| 17564 D | 161 |
| 17565 DA | 161 |
| 17700 D | 166 |
| 17730 D | 9,13,14 |
| 17829 DA | 197,200,203 |
| 18377 D | 49 |
| 18501 DA | 169 |
| 18507 D | 263,267,270,2 |
| 18510 D | 170 |
| 18511 D | 169 |
| 18585 DA | 134,169 |
| 18746 DA | 10 |
| 18767 D | 24,247 |
| 18868 D | 171,204 |
| 18938 DA | 134 |
| 19289 D | 220 |
| 19291 D | 220 |
| 19292 D | 220 |
| 19306 D | 40 |
| 19323 D | 220 |
| 19324 D | 220 |
| 19325 D | 220 |
| 19326 D | 220 |
| 19327 D | 220 |
| 19328 D | 219 |
| 19329 D | 219,302 |
| 19574 D | 203 |
| 19707 D | 34 |
| 19962 D | 43 |

## NUMERICAL INDEX


| PART NUMBER | PAGE |
|---|---|
| 20156 D | 220 |
| 20157 D | 220 |
| 20289 D | 32 |
| 20290 D | 32,245 |
| 20293 D | 32 |
| 20296 D | 32 |
| 20300 D | 32 |
| 20303 D | 32 |
| 20308 D | 32,179,259 |
| 20332 D | 175 |
| 20345 D | 161 |
| 20523 D | 62 |
| 20585 D | 32 |
| 20586 D | 8,13,32,39 |
| 20683 D | 48 |
| 20684 D | 48 |
| 20841 D | 184 |
| 20887 DA | 166 |
| 21314 DX | 58 |
| 21318 D | 57 |
| 21319 D | 58 |
| 21322 D | 57 |
| 21323 D | 57 |
| 21324 D | 57 |
| 21325 D | 60 |
| 21327 D | 59 |
| 21328 DX | 57 |
| 21329 DX | 60,303 |
| 21330 D | 60 |
| 21331 D | 59 |
| 21333 DX-6 | 58,303 |
| 21340 D | 58 |
| 21342 D | 58 |
| 21347 DC | 57 |
| 21348 DB | 57 |
| 21349 D | 58 |
| 21353 D | 58 |
| 21360 DX-6 | 58 |
| 21361 D | 57 |
| 21362 D | 57 |
| 21366 D | 57 |
| 21368 DBY-6 | 60 |
| 21372 D | 50 |
| 21373 DBY-1 | 60 |
| 21383 D | 60 |
| 21384 DXA | 60 |
| 21388 DBX-1 | 60 |
| 21393 D | 60 |
| 21394 D | 60 |
| 21397 D | 59 |
| 21399 DX | 59 |
| 21401 DAX | 58,303 |
| 21409 DB | 57,303 |
| 21422 D | 57 |
| 21438 DX-6 | 60 |
| 21440 D | 60 |
| 21441 D | 60 |
| 21443 DX | 60 |
| 21444 D | 60 |
| 21460 DY | 57 |
| 21463 DAXA | 57 |
| 21464 DX | 58 |
| 21466 D | 58 |
| 21468 D | 58 |
| 21469 D | 58 |
| 21572 D | 169 |
| 21599 D | 275 |
| 21969 D | 179,259 |
| 22080 D | 287,291,295 |
| 22507 D | 163A |
| 22508 D | 73 |
| 22509 D | 73 |
| 22510 D | 73 |
| 22716 DA | 51 |
| 22891 D | 20 |
| 23086 D | 77,78 |
| 23125 D | 157,163 |
| 23431 D | 144 |
| 23874 D | 77,78,275 |
| 23921 D | 166,266 |
| 23977 DA | 157,163 |
| 23995 DA | 157,163 |
| 24017 D | 32 |
| 24602 DA | 59 |
| 24603 D | 59 |
| 24604 D | 59 |
| 24605 D | 59 |
| 24609 D | 58 |
| 24610 D | 59 |
| 24611 D | 58 |
| 24612 D | 58 |
| 24613 D | 58 |
| 24616 DA | 58 |
| 24672 D | 50 |
| 24805 D | 161 |
| 24855 D | 158,163 |
| 24857 D | 20 |
| 24916 D | 9,13 |
| 24917 D | 9,13 |
| 24943 D | 23 |
| 24961 D | 8 |
| 24962 D | 8 |
| 24964 D | 8 |
| 24965 DA | 8 |
| 25043 DB | 17 |
| 25056 D | 23 |
| 25063 DA | 19 |
| 25076 D | 19 |
| 25086 DA | 19 |
| 25087 D | 20 |
| 25090 DD | 10 |
| 25093 DA | 20 |
| 25115 D | 40 |
| 25121 DB | 18 |
| 25122 D | 43 |
| 25125 D | 43 |
| 25130 D | 18 |
| 25131 D | 18 |
| 25132 D | 20,51,245 |
| 25134 DB | 24 |
| 25138 DAX | 20 |
| 25140 DDX | 18 |
| 25176 D | 96 |
| 25323 D | 21 |
| 25329 D | 160 |
| 25332 DC | 74 |
| 25352 D | 245 |
| 25354 D | 76,78 |
| 25362 D | 76,78 |
| 25462 DA | 219 |
| 25463 D | 220 |
| 25466 D | 220 |
| 25796 DA | 60,304 |
| 25917 D | 9 |
| 25948 D | 50 |
| 25954 D | 21 |
| 25969 DA | 48 |
| 26033 D | 32 |
| 26245 D | 277 |
| 26249 D | 277 |
| 26250 D | 277 |
| 26251 D | 276 |
| 26256 D | 276 |
| 26257 D | 276 |
| 26259 D | 277 |
| 26261 D | 277 |
| 26915 DA | 22 |
| 26916 D | 22 |
| 27044 D | 231,265,269,273 |
| 27046 D | 265,269,273 |
| 27048 D | 231,265,273 |
| 27140 DDX | 9 |
| 27141 D | 8 |
| 27159 D | 282 |
| 27159 DB | 282,304 |
| 27311 D | 59 |
| 27385 D | 143,285,290 |
| 27386 D | 143,289,290 |
| 27387 D | 54,143,243,28( |
| 27388 D | 285,290 |
| 27404 D | 287,295 |
| 27435 D | 49 |
| 27436 D | 49 |
| 27444 D | 50 |
| 27445 DAX | 50 |
| 27445 DB | 50 |
| 27452 D | 48 |
| 27507 D | 139 |
| 27595 D | 287,291,295 |
| 27618 D | 55,144,287,290 |
| 27644 D | 32 |
| 27654 D | 32 |

# NUMERICAL INDEX


| PART NUMBER | PAGE |
|---|---|
| 27927 DA | 66,68,71,73 |
| 27963 D | 243 |
| 28322 D | 287,290,291 |
| 28388 DA | 51,304 |
| 28409 D | 243 |
| 28433 D | 144,291 |
| 28438 D | 291 |
| 28592 D | 54 |
| 28655 D | 58 |
| 28656 DYA | 57,304 |
| 28656 DZA | 57,304 |
| 28657 DX | 57,304 |
| 28674 D | 57 |
| 28737 DX | 23 |
| 28738 D | 23 |
| 28772 D | 61,63 |
| 28809 D | 62 |
| 28813 D | 9 |
| 28856 D | 60 |
| 28899 DB | 158,163 |
| 28908 D | 160,305 |
| 28909 D | 160 |
| 28910 DA | 160 |
| 28940 DA | 18 |
| 28950 D | 12 |
| 29115 DX | 129,305 |
| 29128 D | 53 |
| 29352 D | 160 |
| 29353 DAX | 160 |
| 29356 D | 160 |
| 29501 DA | 61 |
| 29547 D | 166 |
| 29565 D | 17 |
| 29764 D | 20,52,245 |
| 29870 D | 53 |
| 29898 D | 69,71,106,111, 149,152A |
| 29899 D | 140,157,161, 163,181,259 |
| 29902 DX | 50 |
| 29976 D | 139 |
| 29979 D | 31 |
| 30035 D | 59 |
| 30036 D | 59 |
| 30037 D | 59 |
| 30038 D | 59 |
| 30083 D | 243 |
| 30114 D | 59 |
| 30148 D | 152A |
| 30360 D | 144 |
| 30378 D | 59 |
| 30379 D | 59 |
| 30397 D | 18 |
| 30402 D | 106 |
| 30402 DX | 107 |
| 30420 D | 287 |
| 30422 D | 287,290,291 |
| 30423 D | 291 |
| 30434 DX | 285 |
| 30436 D | 285,289 |
| 30466 D | 143,289 |
| 30624 D | 24 |
| 30665 D | 143,289 |
| 30693 DX | 286,290,291 |
| 30699 DX | 286,290,291 |
| 30824 D | 31 |
| 31020 DA | 199 |
| 31121 D | 11,74 |
| 31135 D | 59 |
| 31180 D | 276 |
| 31232 D | 128 |
| 31236 D | 129 |
| 31439 DB | 76,78 |
| 31441 D | 76,78 |
| 31458 D | 22 |
| 31522 DX | 291 |
| 31536 DD | 55 |
| 31636 D | 48 |
| 31729 D | 20 |
| 32181 D | 139 |
| 32279 DB | 21 |
| 32280 DCR | 21 |
| 32281 DBR | 21 |
| 32282 DCR | 21 |
| 32283 DBR | 21 |
| 32284 DC | 21 |
| 32288 DBX | 23 |
| 32291 DBX | 25A |
| 32292 DBX | 25 |
| 32293 DCX | 25 |
| 32294 DCX | 24 |
| 32301 DBX | 25A |
| 32302 DBX | 25 |
| 32303 DCX | 25 |
| 32304 DCX | 24 |
| 32305 DBX | 23 |
| 32306 D | 20 |
| 32307 DB | 19 |
| 32308 DB | 19 |
| 32309 DC | 19 |
| 32310 DX | 20 |
| 32311 D | 20 |
| 32312 DB | 20 |
| 32319 D | 27 |
| 32328 D | 17 |
| 32331 D | 25B |
| 32332 D | 24 |
| 32333 D | 24 |
| 32340 DB | 76,78 |
| 32341 D | 76,78 |
| 32342 DB | 76,78 |
| 32343 D | 76,78 |
| 32344 D | 77 |
| 32345 D | 77,78 |
| 32346 DAX | 76 |
| 32347 D | 76,79 |
| 32349 D | 32 |
| 32350 D | 31 |
| 32351 DB | 31 |
| 32352 D | 32 |
| 32353 D | 31 |
| 32354 D | 32 |
| 32356 D | 32 |
| 32357 D | 32 |
| 32360 D | 43 |
| 32361 D | 57 |
| 32362 D | 76,79 |
| 32366 D | 43 |
| 32367 DAX | 18 |
| 32368 DB | 20 |
| 32370 D | 20 |
| 32371 D | 20 |
| 32380 D | 168 |
| 32444 D | 10 |
| 32445 D | 10 |
| 32447 DA | 10 |
| 32448 D | 10 |
| 32454 D | 11,1 |
| 32455 D | 10 |
| 32457 DB | 9 |
| 32458 DA | 7 |
| 32459 D | 7 |
| 32460 D | 9,13 |
| 32462 D | 7 |
| 32463 D | 8 |
| 32464 DA | 8 |
| 32465 D | 8 |
| 32466 DX | 8 |
| 32467 DX | 8 |
| 32468 DX | 8 |
| 32469 DX | 9,13 |
| 32470 DX | 9,14 |
| 32471 DA | 9,13 |
| 32479 D | 10 |
| 32482 DD | 10 |
| 32483 DB | 10 |
| 32485 D | 10 |
| 32486 DAX | 17 |
| 32493 D | 74,75 |
| 32495 D | 43 |
| 32497 DX | 51,245 |
| 32499 DAX | 51,245,305 |
| 32500 DA | 51 |
| 32501 D | 52 |
| 32502 D | 52 |
| 32503 D | 51 |
| 32504 D | 52,245 |
| 32505 D | 51,245 |

## NUMERICAL INDEX


| PART NUMBER | PAGE |
|---|---|
| 32506 D | 51 |
| 32517 DA | 28 |
| 32523 DA | 33A |
| 32568 D | 250 |
| 32572 DAX | 49 |
| 32574 DAX | 49 |
| 32575 D | 49 |
| 32576 DX | 50 |
| 32577 D | 49 |
| 32578 D | 49 |
| 32581 DXA | 50 |
| 32582 D | 49 |
| 32585 DA | 49 |
| 32586 D | 49 |
| 32587 D | 49 |
| 32588 D | 49 |
| 32589 DX | 48 |
| 32590 D | 48 |
| 32592 D | 48 |
| 32597 D | 50 |
| 32599 D | 49 |
| 32600 D | 49 |
| 32601 D | 49 |
| 32602 DAX | 48 |
| 32603 DAX | 59 |
| 32604 D | 49 |
| 32606 DA | 49 |
| 32607 DA | 48 |
| 32608 D | 48 |
| 32609 D | 49 |
| 32610 D | 49 |
| 32614 DX | 50 |
| 32615 D | 49 |
| 32616 D | 49 |
| 32621 DA | 24 |
| 32624 D | 32 |
| 32663 D | 286 |
| 32671 D | 58 |
| 32673 D | 59 |
| 32711 D | 59 |
| 32712 D | 59 |
| 32713 DC | 55 |
| 32895 D | 48 |
| 32896 D | 48,280 |
| 32897 D | 48,280 |
| 32941 D | 220 |
| 32942 D | 23 |
| 32948 D | 48 |
| 32948 DX | 48 |
| 33138 D | 58 |
| 33150 D | 59 |
| 33275 D | 76,79,94 |
| 33708 D | 54 |
| 33786 D | 243 |
| 33787 D | 243 |
| 33788 D | 51 |
| 33814 D | 31 |
| 35032 D | 31 |
| 35048 D | 50 |
| 35089 D | 136,270 |
| 35089 DA | 265,266,269 |
| 35252 D | 181,259 |
| 35252 DX | 181 |
| 35319 D | 51,245 |
| 35691 DX | 50 |
| 35719 D | 51 |
| 36092 D | 44,280 |
| 36246 D | 58 |
| 36273 D | 293 |
| 36693 D | 233 |
| 36742 D | 27 |
| 36794 D | 24 |
| 36795 DA | 24,247 |
| 36796 DA | 20 |
| 36797 D | 20 |
| 36798 D | 21 |
| 36799 D | 21 |
| 36874 D | 243 |
| 36875 D | 243 |
| 36876 D | 243 |
| 36945 DA | 226 |
| 36946 D | 224 |
| 36947 D | 224 |
| 36948 D | 224 |
| 36949 D | 225 |
| 37063 D | 293 |
| 37064 D | 293 |
| 37072 D | 293 |
| 37075 D | 293 |
| 37077 D | 293 |
| 37146 DA | 74,75 |
| 37148 D | 74,75 |
| 37150 D | 74,75 |
| 37152 DA | 74,75 |
| 37165 D | 62,66,68,71,72,83,157,159,161,163,305 |
| 37290 D | 197,200,203,226 |
| 37291 D | 55 |
| 37293 D | 199 |
| 37319 D | 243 |
| 37323 D | 11,62,69,72,83,158,159,163A |
| 37323 DX | 11,62,69,71,72,73,83,157,158,159,160,163A |
| 37372 D | 226 |
| 37427 DA | 21 |
| 37428 DA | 21 |
| 37429 DA | 21 |
| 37574 D | 276 |
| 37575 D | 277 |
| 37577 DX | 277 |
| 37599 D | 277 |
| 37632 D | 31 |
| 37634 D | 31 |
| 37702 DA | 226 |
| 37976 D | 144 |
| 38014 DM | 245 |
| 38015 DM | 245 |
| 38016 DM | 245 |
| 38017 DM | 245 |
| 38018 DM | 245 |
| 38019 DM | 245 |
| 38020 DM | 201 |
| 38021 DM | 245 |
| 38022 DM | 235,238,242 |
| 38023 DM | 238,242 |
| 38024 DM | 239 |
| 38026 DM | 66,68,157,158,159,163A |
| 38026 DMX | 66,68,72,157,158,159 |
| 38028 DM | 20,21 |
| 38030 DCM | 239,240 |
| 38041 D | 57 |
| 38087 D | 291,295 |
| 38094 D | 55 |
| 38100 D | 143,290 |
| 38146 D | 254 |
| 38411 D | 289 |
| 38433 D | 55 |
| 38609 DA | 57 |
| 38759 D | 287 |
| 38761 D | 287 |
| 38767 D | 145 |
| 38814 DX | 20 |
| 38851 DM | 242 |
| 38852 DM | 242 |
| 38853 DM | 241 |
| 38854 DM | 241 |
| 38855 DM | 241 |
| 38856 DM | 241 |
| 38857 DM | 241 |
| 38858 DM | 240 |
| 38859 DM | 240 |
| 38860 DM | 241 |
| 38861 DM | 241 |
| 38862 DM | 240 |
| 38863 D | 240 |
| 38864 DM | 240 |
| 38865 DM | 240 |
| 38866 DM | 240 |
| 38867 DM | 240 |
| 38868 DM | 241 |
| 38869 DM | 240 |
| 38870 DM | 241 |
| 38871 DM | 241 |
| 38872 DM | 241 |
| 38873 DM | 241 |

## NUMERICAL INDEX


| PART NUMBER | PAGE |
|---|---|
| 38874 DM | 240 |
| 38875 DM | 242 |
| 38876 DM | 241 |
| 38877 DM | 240 |
| 38878 DM | 241 |
| 38879 DM | 241 |
| 38880 DM | 242 |
| 38882 DM | 242 |
| 38883 DM | 239 |
| 38884 DM | 241 |
| 38885 DM | 242 |
| 38886 DM | 241 |
| 38887 DM | 240 |
| 38888 DM | 240 |
| 38890 DM | 242 |
| 38891 DM | 242 |
| 38898 D | 286 |
| 39018 DX | 286 |
| 39019 D | 287,291 |
| 39063 D | 182 |
| 39273 DX | 144 |
| 39274 D | 144 |
| 39380 D | 20 |
| 39401 D | 19,305 |
| 39422 D | 258 |
| 39423 D | 258 |
| 39437 D | 21 |
| 39482 D | 20,37 |
| 39556 D | 58 |
| 39577 DB | 61,63 |
| 39651 D | 221 |
| 39652 D | 221 |
| 39653 D | 221 |
| 39654 D | 221 |
| 39655 D | 221 |
| 39656 DX | 221 |
| 39659 D | 221 |
| 39661 D | 221 |
| 39662 D | 221 |
| 39663 D | 221 |
| 39665 D | 221 |
| 39677 D | 61,63,64B |
| 39749 DA | 54 |
| 39753 D | 53 |
| 39754 D | 53 |
| 39755 DX | 286 |
| 39756 D | 18 |
| 39757 DB | 18 |
| 39758 DX | 18 |
| 39759 DA | 19 |
| 39761 D | 30 |
| 39762 DB | 20 |
| 39763 D | 18 |
| 39764 DB | 18 |
| 39800 D | 221 |
| 39810 D | 17 |
| 39826 D | 50 |
| 39868 D | 221 |
| 39870 D | 221 |
| 39875 D | 221 |
| 40142 D | 249 |
| 40151 D | 249,250 |
| 40152 D | 249 |
| 40200 D | 101 |
| 40201 D | 101 |
| 40202 D | 101 |
| 40204 D | 102 |
| 40208 D | 103,107 |
| 40210 D | 101 |
| 40211 D | 103,107 |
| 40216 D | 101,105,109 |
| 40217 D | 103,107 |
| 40226 D | 102 |
| 40227 D | 102 |
| 40232 D | 103 |
| 40233 DA | 123 |
| 40234 D | 103 |
| 40236 DAX | 103 |
| 40237 D | 103,305 |
| 40238 D | 101,305 |
| 40240 D | 101 |
| 40243 D | 103 |
| 40244 D | 103,106 |
| 40245 D | 101 |
| 40247 D | 103 |
| 40249 D | 101 |
| 40250 D | 101 |
| 40251 D | 101 |
| 40252 D | 101 |
| 40253 D | 101 |
| 40254 D | 103 |
| 40255 D | 101,105,109 |
| 40256 D | 103 |
| 40257 D | 101 |
| 40259 D | 101 |
| 40260 D | 103 |
| 40263 D | 101 |
| 40265 D | 103 |
| 40267 D | 101 |
| 40268 D | 101 |
| 40271 D | 102 |
| 40272 D | 103 |
| 40298 D | 102,106 |
| 40329 D | 103,111 |
| 40329 DA | 107,115,121 |
| 40382 DX | 123 |
| 40383 D | 122 |
| 40385 D | 122,124 |
| 40386 D | 122,124 |
| 40387 D | 122 |
| 40388 D | 122,124 |
| 40390 D | 122,124 |
| 40393 D | 123 |
| 40395 D | 122,124 |
| 40397 D | 122,124 |
| 40399 DA | 103,107,110 |
| 40401 D | 103,107,110 |
| 40465 DAX | 166 |
| 40466 DAX | 166 |
| 40628 D | 224 |
| 40630 D | 225 |
| 40631 D | 224 |
| 40634 D | 225 |
| 40635 D | 225 |
| 40636 D | 224 |
| 40638 D | 226 |
| 40640 D | 224 |
| 40641 D | 224 |
| 40642 D | 224 |
| 40643 D | 224 |
| 40644 D | 224 |
| 40645 D | 224 |
| 40646 D | 224 |
| 40647 D | 224 |
| 40648 D | 224 |
| 40649 D | 224 |
| 40650 D | 225 |
| 40652 D | 225 |
| 40653 D | 225 |
| 40654 DA | 225 |
| 40655 D | 225 |
| 40656 D | 224 |
| 40657 D | 224 |
| 40661 D | 224 |
| 40691 DA | 224 |
| 40693 D | 224 |
| 40697 D | 225 |
| 40698 D | 225 |
| 40700 D | 224 |
| 40703 D | 224 |
| 40704 D | 225 |
| 40711 D | 224 |
| 40712 D | 224 |
| 40713 D | 224 |
| 40716 D | 225 |
| 40717 D | 225 |
| 40718 D | 225 |
| 40719 D | 225 |
| 40721 DX | 233 |
| 40722 D | 225 |
| 40723 D | 224 |
| 40725 D | 224 |
| 40728 DA | 224 |
| 40738 D | 226 |
| 40740 DA | 225 |
| 40753 D | 102 |
| 40875 DAXA | 24,305 |
| 40876 D | 233 |
| 40877 D | 180 |
| 40877 DB | 180 |
| 40879 D | 180 |
| 40880 D | 179,259 |
| 40881 DA | 180 |
| 40882 D | 180,261 |
| 40883 DB | 180 |
| 40886 DA | 182 |
| 40888 D | 168A |
| 40889 D | 181 |
| 40889 DA | 181 |
| 40889 DAX | 181 |
| 40890 D | 179 |
| 40891 D | 179 |
| 40891 DD | 179,306 |
| 40925 D | 173 |
| 40926 D | 172 |
| 40927 D | 172 |
| 40928 D | 172 |
| 40929 D | 172,179,259 |
| 40930 D | 172 |
| 40931 D | 172 |

## NUMERICAL INDEX


| PART NUMBER | PAGE |
|---|---|
| 40932 DA | 134 |
| 40933 DA | 172 |
| 40934 D | 173 |
| 40935 DA | 172,306 |
| 40938 DE | 129 |
| 40940 D | 128,131 |
| 40941 D | 127 |
| 40942 DX | 127 |
| 40943 D | 127 |
| 40944 DB | 127 |
| 40945 D | 127 |
| 40946 D | 127 |
| 40947 D | 127 |
| 40948 D | 127 |
| 40974 DA | 127 |
| 40976 D | 206 |
| 40976 DC | 206 |
| 40976 DCX | 206 |
| 40977 D | 206 |
| 40977 DC | 206 |
| 40977 DCX | 206 |
| 40978 D | 206 |
| 40978 DC | 206 |
| 40978 DCX | 206 |
| 40979 D | 206 |
| 40980 DB | 206 |
| 40981 D | 206 |
| 40982 DA | 206 |
| 40983 D | 207 |
| 40983 DB | 207 |
| 40983 DBX | 207 |
| 40984 DC | 207 |
| 40986 DB | 209 |
| 40987 D | 197 |
| 40988 D | 197 |
| 40990 D | 192 |
| 40991 DA | 197 |
| 40992 D | 197 |
| 40992 DA | 200 |
| 40993 D | 197,199 |
| 40996 DA | 192 |
| 40997 DA | 192 |
| 40998 DA | 134,189 |
| 40999 D | 189 |
| 41000 D | 166 |
| 41162 D | 134 |
| 41229 D | 249 |
| 41375 D | 157 |
| 41400 DA | 199 |
| 41401 DX | 200 |
| 41402 DA | 199 |
| 41403 D | 200 |
| 41404 DAX | 200,202 |
| 41405 DA | 199 |
| 41406 D | 199 |
| 41407 D | 200 |
| 41408 D | 199 |
| 41409 DA | 200 |
| 41410 DA | 200 |
| 41411 DA | 201 |
| 41412 DA | 201 |
| 41413 DA | 199,306 |
| 41414 DA | 199,306 |
| 41430 D | 136 |
| 41431 D | 136 |
| 41432 DXA | 136 |
| 41433 DXA | 136 |
| 41435 DA | 136 |
| 41435 DB | 136 |
| 41436 D | 189 |
| 41438 D | 212 |
| 41439 D | 212 |
| 41440 D | 210,280 |
| 41441 D | 210 |
| 41442 D | 210,262 |
| 41443 D | 210 |
| 41444 D | 210 |
| 41445 D | 211 |
| 41446 D | 211 |
| 41447 D | 211 |
| 41448 D | 211 |
| 41449 D | 211 |
| 41450 D | 211 |
| 41451 D | 211 |
| 41452 D | 211 |
| 41453 D | 211 |
| 41454 D | 211 |
| 41455 D | 211 |
| 41456 D | 211 |
| 41457 D | 211 |
| 41458 DX | 210 |
| 41459 D | 189 |
| 41460 D | 189 |
| 41461 DA | 191 |
| 41462 D | 189 |
| 41463 D | 191 |
| 41464 D | 191 |
| 41465 D | 183 |
| 41466 DAX | 191 |
| 41467 DA | 189 |
| 41468 DA | 189 |
| 41471 DX | 189 |
| 41472 DX | 189 |
| 41477 DX | 186,306 |
| 41478 DX | 184,306 |
| 41479 DX | 184,306 |
| 41480 D | 186,307 |
| 41483 DA | 185 |
| 41484 DA | 184 |
| 41491 D | 186 |
| 41492 D | 186 |
| 41493 D | 186 |
| 41494 D | 185 |
| 41495 D | 185 |
| 41496 D | 185 |
| 41497 D | 185 |
| 41498 D | 186 |
| 41499 D | 185 |
| 41500 DA | 186 |
| 41501 D | 185 |
| 41508 D | 185 |
| 41512 DA | 184 |
| 41514 D | 185 |
| 41515 D | 185 |
| 41517 D | 186 |
| 41518 D | 186 |
| 41519 D | 184 |
| 41520 D | 186 |
| 41521 D | 184 |
| 41522 D | 185 |
| 41523 D | 184 |
| 41524 D | 185 |
| 41535 DX | 216 |
| 41536 DX | 214 |
| 41574 DX | 157 |
| 41574 DAX | 157 |
| 41574 DCX | 157,163 |
| 41574 DCY | 157 |
| 41575 DX | 157,161 |
| 41589 D | 213 |
| 41591 DA | 213 |
| 41592 D | 213 |
| 41593 D | 213 |
| 41594 D | 213 |
| 41595 D | 213,307 |
| 41597 D | 127,147,149,152 165,175,259,267, 275 |
| 41598 D | 133 |
| 41599 D | 133 |
| 41600 D | 133 |
| 41604 D | 190 |
| 41605 D | 190 |
| 41606 D | 190 |
| 41607 D | 190 |
| 41608 D | 190 |
| 41609 D | 190 |
| 41610 D | 190 |
| 41612 D | 192 |
| 41613 D | 192 |
| 41614 D | 193 |
| 41618 D | 193 |
| 41619 D | 193 |
| 41620 D | 193 |
| 41630 DX | 144 |
| 41632 D | 154 |
| 41633 D | 154 |
| 41634 D | 46 |
| 41635 DX | 153 |
| 41637 D | 154 |
| 41638 D | 154 |
| 41639 D | 154 |
| 41640 D | 154 |
| 41641 DX | 43,46 |
| 41643 DA | 168 A |
| 41644 DB | 168A |
| 41645 DB | 170 |
| 41646 DA | 170 |
| 41647 DB | 171 |
| 41647 DBX | 171 |
| 41648 D | 170 |
| 41648 DA | 170 |
| 41649 DB | 168A |
| 41650 D | 169 |
| 41651 DA | 169 |
| 41652 D | 169 |
| 41653 DC | 168A |
| 41654 DX | 168A |
| 41656 D | 169 |
| 41657 D | 168 |
| 41658 D | 169 |
| 41659 D | 169 |
| 41660 D | 169 |
| 41661 D | 170 |
| 41662 DA | 170 |
| 41663 D | 170 |
| 41664 D | 168 |
| 41665 D | 168 |
| 41666 D | 168 |
| 41667 D | 170 |
| 41668 DA | 168 |
| 41670 D | 169 |
| 41671 D | 168A |
| 41672 DA | 170 |
| 41673 D | 170 |
| 41675 D | 171 |
| 41675 DA | 171,307 |
| 41676 D | 168 A |
| 41677 D | 170 |
| 41678 DA | 170 |
| 41679 DA | 170 |
| 41680 DA | 170 |
| 41681 D | 169 |
| 41682 D | 169 |
| 41690 D | 168 |
| 41693 DA | 127 |
| 41694 DA | 168 |

## NUMERICAL INDEX


| PART NUMBER | PAGE |
|---|---|
| 41708 DC | 182,307 |
| 41709 DXA | 182,307 |
| 41722 DB | 182 |
| 41723 DB | 182 |
| 41735 D | 182,307 |
| 41736 D | 182,308 |
| 41740 D | 183 |
| 41745 DAX | 62,308 |
| 41746 D | 62 |
| 41747 DAX | 62 |
| 41762 D | 175 |
| 41763 D | 175 |
| 41764 DA | 176 |
| 41765 D | 175 |
| 41766 D | 191,192 |
| 41767 D | 175 |
| 41768 D | 176 |
| 41769 D | 175 |
| 41770 DX | 175 |
| 41785 DA | 27 |
| 41800 D | 308 |
| 41800 DA | 199 |
| 41801 D | 308 |
| 41801 DA | 199 |
| 41815 D | 205 |
| 41826 DX | 144 |
| 41826 DXA | 144 |
| 41827 D | 144 |
| 41829 D | 144 |
| 41830 D | 143 |
| 41831 D | 143 |
| 41832 DBX | 144 |
| 41842 D | 191,205 |
| 41843 DA | 199 |
| 41845 D | 198 |
| 41846 DA | 198 |
| 41853 DB | 198,203 |
| 41861 D | 202 |
| 41862 D | 202 |
| 41864 D | 203 |
| 41865 D | 203 |
| 41866 D | 202 |
| 41867 DA | 202 |
| 41868 D | 203 |
| 41869 D | 202 |
| 41876 D | 191 |
| 41876 DA | 191 |
| 41876 DAX | 191 |
| 41877 D | 189 |
| 41878 D | 192 |
| 41879 DA | 192 |
| 41880 D | 193 |
| 41881 D | 193 |
| 41882 D | 190 |
| 41884 D | 189 |
| 41886 DX | 193 |
| 41888 D | 189 |
| 41889 D | 189 |
| 41890 D | 189 |
| 41893 D | 192 |
| 41894 D | 193 |
| 41895 D | 193 |
| 41896 DA | 258 |
| 41897 DA | 258 |
| 41900 DA | 189 |
| 41901 D | 190 |
| 41902 D | 190 |
| 41906 D | 143,290 |
| 41908 DA | 143,290 |
| 41909 D | 143,290 |
| 41916 D | 143 |
| 41934 DB | 147,150 |
| 41935 D | 184 |
| 41950 DX | 146 |
| 41953 D | 148 |
| 41954 D | 220 |
| 41955 D | 147 |
| 41957 D | 134 |
| 41958 DA | 12 |
| 41959 D | 146 |
| 41960 DX | 146 |
| 41961 D | 147 |
| 41963 D | 147 |
| 41964 D | 146 |
| 41965 D | 147 |
| 41966 D | 147 |
| 41968 D | 147 |
| 41973 D | 147 |
| 41990 D | 147 |
| 41991 D | 147 |
| 41995 D | 146 |
| 41996 D | 148 |
| 41999 D | 185 |
| 42000 D | 133 |
| 42001 D | 182 |
| 42002 D | 182 |
| 42003 DA | 205,308 |
| 42004 DA | 205,309 |
| 42005 DA | 205,309 |
| 42006 DA | 205,309 |
| 42101 D | 197 |
| 42127 D | 205 |
| 42128 D | 205 |
| 42129 D | 205 |
| 42130 D | 204 |
| 42131 D | 204 |
| 42132 D | 205 |
| 42134 D | 204 |
| 42135 D | 204 |
| 42136 DA | 204 |
| 42158 D | 138 |
| 42175 D | 149,175,259 |
| 42211 D | 10 |
| 42215 D | 280 |
| 42216 D | 43 |
| 42216 DX | 43 |
| 42219 DB | 22 |
| 42220 D | 53 |
| 42238 D | 189 |
| 42239 D | 191 |
| 42240 D | 173 |
| 42245 D | 181 |
| 42283 D | 189 |
| 42284 D | 181 |
| 42288 D | 134 |
| 42289 D | 134,263,267,270,274 |
| 42290 D | 134 |
| 42291 DB | 135 |
| 42291 DBX | 137 |
| 42292 DA | 135 |
| 42293 D | 135 |
| 42297 D | 134 |
| 42298 DB | 124 |
| 42310 D | 181 |
| 42356 D | 62 |
| 42366 D | 62 |
| 42367 D | 62 |
| 42368 D | 62 |
| 42369 DA | 62 |
| 42371 DA | 62 |
| 42372 D | 62 |
| 42383 D | 143,148,150,243,289 |
| 42384 DX | 160 |
| 42384 DXA | 160,163A |
| 42385 D | 160,163 |
| 42387 D | 160,163A |
| 42390 DX | 158 |
| 42393 D | 160 |
| 42397 D | 144 |
| 42398 DAX | 160 |
| 42399 DA | 159,309 |
| 42400 DEX | 160,163 A |
| 42400 DEY | 160 |
| 42404 DX | 157 |
| 42405 DX | 158 |
| 42406 D | 158,159,163 |
| 42406 DX | 158,160,163 |
| 42407 DX | 158 |
| 42408 DX | 159 |
| 42409 DX | 159,239 |
| 42410 DX | 157 |
| 42411 D | 159 |
| 42411 DX | 159 |
| 42412 DX | 158 |
| 42489 D | 270 |
| 42493 D | 149,152 A |
| 42493 DX | 149,152A |
| 42494 DX | 149 |
| 42495 D | 160,163 A |
| 42496 DX | 166 |
| 42498 D | 165 |
| 42500 DA | 166,167 |
| 42501 DA | 129 |
| 42502 DA | 127 |
| 42506 D | 166 |
| 42511 D | 165,259 |
| 42512 DAX | 149,151,166 |
| 42513 D | 165 |
| 42514 DA | 166 |
| 42515 DA | 167 |
| 42516 DA | 165 |
| 42517 D | 166 |
| 42518 D | 167 |
| 42534 D | 138 |
| 42535 D | 139 |
| 42536 D | 139 |
| 42537 D | 138 |
| 42538 D | 138 |
| 42544 DA | 139 |
| 42545 DA | 139 |
| 42547 D | 149,151 |
| 42548 D | 134,259 |
| 42552 D | 133,259 |
| 42553 DXA | 151 |
| 42553 DXB | 149 |
| 42554 DAXA | 133,309 |
| 42554 DAYA | 133,310 |
| 42559 D | 134 |
| 42560 D | 148,310 |
| 42561 D | 134 |
| 42589 D | 140 |
| 42592 DX | 248 |
| 42593 D | 218 |
| 42594 D | 217 |
| 42595 D | 218 |
| 42598 DAX | 217 |
| 42599 D | 138 |

## NUMERICAL INDEX


| PART NUMBER | PAGE |
|---|---|
| 42600 D | 139 |
| 42601 DAX | 139 |
| 42601 DAY | 139 |
| 42603 DA | 139 |
| 42605 D | 140 |
| 42610 D | 138 |
| 42611 D | 139 |
| 42612 D | 139 |
| 42613 D | 139 |
| 42614 D | 139 |
| 42615 DD | 311 |
| 42615 DE | 140 |
| 42622 DA | 215 |
| 42623 DA | 214 |
| 42624 D | 215 |
| 42625 D | 215 |
| 42626 D | 215 |
| 42627 DX | 215 |
| 42628 DX | 214 |
| 42629 DX | 216 |
| 42630 D | 216 |
| 42633 DA | 216 |
| 42634 D | 216 |
| 42635 D | 214 |
| 42636 D | 215 |
| 42650 DB | 54 |
| 42651 D | 311 |
| 42651 DX | 54 |
| 42652 D | 55 |
| 42654 D | 31 |
| 42655 D | 31 |
| 42656 D | 31 |
| 42657 D | 44,243 |
| 42658 D | 44,243 |
| 42659 D | 44 |
| 42660 DA | 43 |
| 42661 D | 44 |
| 42662 D | 44 |
| 42663 D | 43 |
| 42664 D | 43 |
| 42665 D | 43 |
| 42666 DX | 44 |
| 42668 D | 44 |
| 42669 D | 43 |
| 42670 D | 44 |
| 42671 D | 44 |
| 42672 D | 44 |
| 42673 D | 43 |
| 42674 D | 43 |
| 42675 D | 44 |
| 42676 D | 43 |
| 42677 D | 44 |
| 42678 D | 43 |
| 42679 D | 44 |
| 42680 D | 44 |
| 42686 D | 312 |
| 42686 DA | 33 |
| 42687 DAX | 23 |
| 42687 DAY | 23 |
| 42688 DAX | 23 |
| 42690 DAX | 23 |
| 42694 D | 22 |
| 42695 DB | 23 |
| 42696 D | 230 |
| 42696 DB | 23 |
| 42707 DBRX | 18 |
| 42708 D | 18 |
| 42709 DX | 14,21,312 |
| 42713 D | 19 |
| 42714 DB | 19 |
| 42715 DD | 28,260,279 |
| 42716 D | 28 |
| 42717 D | 17 |
| 42718 DA | 19 |
| 42718 DB | 19 |
| 42722 D | 37 |
| 42723 D | 37 |
| 42724 D | 37 |
| 42726 DBX | 37 |
| 42727 DX | 38 |
| 42728 D | 31 |
| 42729 DX | 38 |
| 42730 D | 38 |
| 42731 DA | 38 |
| 42732 D | 37 |
| 42733 DB | 25,38 |
| 42734 D | 37 |
| 42735 D | 37 |
| 42736 D | 37 |
| 42737 D | 37 |
| 42739 DA | 11,38,45 |
| 42740 D | 38 |
| 42741 DB | 38 |
| 42743 D | 38 |
| 42745 DA | 38 |
| 42746 D | 9,38 |
| 42747 DA | 10 |
| 42748 DA | 10 |
| 42749 D | 10 |
| 42750 D | 10 |
| 42751 D | 13 |
| 42752 D | 10 |
| 42753 D | 13 |
| 42754 DA | 8,13 |
| 42755 D | 8,14 |
| 42756 D | 8,14 |
| 42757 D | 13 |
| 42758 D | 13 |
| 42759 D | 7,12 |
| 42760 D | 9,13 |
| 42761 D | 13 |
| 42762 D | 9 |
| 42763 D | 10 |
| 42764 D | 11,14 |
| 42765 D | 74 |
| 42765 DA | 74 |
| 42765 DAX | 74 |
| 42766 DA | 74 |
| 42767 D | 74 |
| 42768 D | 74 |
| 42769 D | 49 |
| 42770 DX | 14 |
| 42771 D | 48,312 |
| 42772 D | 48,280 |
| 42773 D | 48 |
| 42774 D | 48 |
| 42775 D | 48 |
| 42776 D | 14 |
| 42777 D | 14 |
| 42778 DX | 14 |
| 42779 DX | 14 |
| 42780 DX | 9,13 |
| 42782 D | 44 |
| 42783 DAX | 27,312 |
| 42784 D | 28 |
| 42785 D | 27 |
| 42786 DA | 27 |
| 42787 D | 28 |
| 42788 D | 27 |
| 42789 D | 28 |
| 42790 D | 28 |
| 42791 DA | 27 |
| 42792 D | 27 |
| 42794 DA | 28,313 |
| 42795 DX | 17 |
| 42796 D | 76 |
| 42797 DAX | 66,67,157 |
| 42798 DX | 66,159 |
| 42799 D | 66,68,71 |
| 42833 D | 143,290 |
| 42844 D | 49 |
| 42858 D | 258 |
| 42863 D | 48 |
| 42867 D | 48 |
| 42868 D | 48 |
| 42869 D | 48 |
| 42870 D | 47 |
| 42871 D | 49 |
| 42874 DX | 258 |
| 42875 DX | 258 |
| 42876 D | 258 |
| 42877 D | 248 |
| 42879 D | 248 |
| 42880 DA | 248 |
| 42887 D | 248 |
| 42888 DB | 256 |
| 42891 DA | 256 |
| 42892 DX | 256 |
| 42896 DA | 257 |
| 42897 DA | 257 |
| 42898 DBX | 256 |
| 42900 D | 256 |
| 42901 DA | 256 |
| 42902 D | 248 |
| 42903 D | 253 |
| 42904 DX | 255,313 |
| 42905 DX | 254,313 |
| 42905 DY | 254 |
| 42906 DX | 254,314 |
| 42906 DY | 254 |
| 42907 D | 255 |
| 42910 D | 254 |
| 42911 DB | 147,152,254 |
| 42913 D | 253 |
| 42914 D | 139,290 |
| 42915 D | 285,290 |
| 42916 D | 287,290 |
| 42917 D | 285,291 |
| 42918 D | 285,289 |
| 42919 D | 285,290 |
| 42920 D | 289 |
| 42921 D | 287,291,293 |
| 42922 DX | 148,289 |
| 42922 DY | 145 |
| 42922 DZ | 145 |
| 42923 DA | 290,294 |
| 42924 D | 291,294 |
| 42933 DA | 182 |
| 42934 DAX | 182 |
| 42937 D | 33 |
| 42937 DX | 33 |
| 42938 D | 33 |
| 42939 D | 33 |
| 42940 D | 33 |
| 42941 D | 33 |
| 42942 D | 33 |
| 42943 D | 33 |
| 42945 DAX | 66,314 |
| 42946 DAX | 66,314 |
| 42947 DAX | 66,314 |
| 42948 DAX | 66,314 |
| 42949 DAX | 66,314 |
| 42950 DAX | 66,315 |
| 42956 DX | 181 |
| 42957 D | 183 |
| 42958 D | 219 |
| 42959 DA | 62 |
| 42971 DX | 203 |
| 42972 DX | 200 |
| 42973 DX | 13 |

| PART NUMBER | PAGE |
|---|---|
| 42974 D | 13 |
| 42975 DX | 12 |
| 42976 D | 12 |
| 42977 DAX | 14 |
| 42978 DX | 14 |
| 42979 D | 12 |
| 42980 D | 14 |
| 42981 DA | 14,40 |
| 42997 D | 54,143 |
| 42998 D | 54 |
| 42999 D | 54,143,290 |
| 43001 D | 74 |
| 43002 D | 74 |
| 43003 DX | 27,315 |
| 43004 DX | 28,315 |
| 43006 D | 53,315 |
| 43035 DA | 289,291,294 |
| 43036 D | 145 |
| 43037 D | 145 |
| 43038 D | 145 |
| 43039 D | 145 |
| 43040 D | 145 |
| 43041 DX | 291 |
| 43042 D | 289 |
| 43043 D | 289 |
| 43045 D | 289 |
| 43046 D | 289 |
| 43047 D | 289 |
| 43054 D | 24 |
| 43055 D | 24 |
| 43113 D | 24 |
| 43144 D | 140 |
| 43183 D | 137 |
| 43189 D | 122,124 |
| 43190 DA | 128 |
| 43192 DB | 74 |
| 43193 DAX | 128 |
| 43194 D | 129 |
| 43195 D | 128 |
| 43197 D | 128 |
| 43197 DX | 129,315 |
| 43198 D | 128 |
| 43199 D | 129 |
| 43201 DA | 128 |
| 43202 D | 128,315 |
| 43206 DE | 128,316 |
| 43207 D | 129 |
| 43208 DCX | 128 |
| 43209 DA | 129 |
| 43210 DX | 129,316 |
| 43211 D | 129 |
| 43212 DBX | 316 |
| 43212 DBXA | 128 |
| 43213 DBX | 316 |
| 43213 DBY | 128 |
| 43214 D | 128 |
| 43217 D | 129 |
| 43221 DAX | 67,316 |
| 43222 DAX | 67,316 |
| 43223 DAX | 67,316 |
| 43224 DAX | 67,317 |
| 43225 DAX | 67,317 |
| 43226 DAX | 68,317 |
| 43246 DX | 128 |
| 43247 D | 128 |
| 43248 D | 58,317 |
| 43288 DBX | 65,317 |
| 43368 DX | 43 |
| 43369 DX | 43 |
| 43370 DX | 44 |
| 43371 D | 43 |
| 43371 DX | 43 |
| 43372 D | 43 |
| 43372 DX | 43 |
| 43585 DX | 182 |
| 43587 DA | 182 |
| 43588 DA | 182,317 |
| 43590 DA | 182 |
| 43591 D | 182 |
| 43592 D | 182 |
| 43593 D | 182 |
| 43594 DX | 182,317 |
| 43598 D | 182 |
| 43599 DA | 182 |
| 43664 DA | 186 |
| 43947 DAX | 54 |
| 43950 DAX | 54 |
| 45207 DD | 74,318 |
| 45285 DA | 27 |
| 45286 D | 27 |
| 45391 D | 40 |
| 45531 D | 265,269 |
| 45532 D | 270 |
| 45532 DA | 266,267,270 |
| 45533 D | 266,270 |
| 45533 DA | 274 |
| 45534 D | 266,270 |
| 45535 D | 265,269 |
| 45536 D | 265,269 |
| 45537 D | 263,270,274 |
| 45538 D | 274 |
| 45538 DX | 267,270 |
| 45539 DA | 263 |
| 45540 D | 266 |
| 45540 DA | 266,270 |
| 45541 D | 266,270 |
| 45542 D | 266,270 |
| 45543 D | 266,270 |
| 45544 D | 265,269 |
| 45545 D | 265,269 |
| 45546 D | 265,269 |
| 45547 D | 266,270 |
| 45548 D | 265,269 |
| 45549 D | 265 |
| 45550 D | 265,269 |
| 45551 D | 266,270 |
| 45552 D | 267,270 |
| 45553 D | 265,269 |
| 45554 D | 267 |
| 45555 D | 267,270 |
| 45556 DA | 263 |
| 45557 D | 266,274 |
| 45558 DA | 267,270 |
| 45559 D | 263,265,266,269,270 |
| 45560 D | 267,270 |
| 45561 D | 263,270,274 |
| 45562 D | 265,269 |
| 45563 D | 265 |
| 45564 DA | 265 |
| 45565 DA | 265 |
| 45578 DA | 220 |
| 45619 D | 263 |
| 45620 D | 263 |
| 45775 D | 84 |
| 45794 D | 176,259 |
| 45903 DA | 154 |
| 45904 DB | 155 |
| 45905 DB | 155 |
| 45906 DA | 155 |
| 45907 D | 155 |
| 45908 D | 154 |
| 45908 DA | 154,251 |
| 45908 DAX | 251 |
| 45972 D | 153 |
| 45976 D | 21 |
| 45977 D | 21 |
| 46031 D | 183 |
| 46052 D | 28 |
| 46053 D | 28 |
| 46054 DB | 26 |
| 46054 DC | 26 |
| 46079 DA | 209 |
| 46080 DA | 209 |
| 46081 DA | 209 |
| 46082 DA | 209 |
| 46083 DA | 209 |
| 46084 DA | 209 |
| 46085 DA | 209 |
| 46089 DA | 209 |
| 46090 DA | 209 |
| 46091 DA | 209 |
| 46092 DA | 209 |
| 46093 DA | 209 |
| 46094 DA | 209 |
| 46095 DA | 209 |
| 46143 DAX | 282 |
| 46144 DAX | 282 |
| 46149 D | 282 |
| 46164 DAX | 278 |
| 46165 DAX | 278 |
| 46166 D | 278 |
| 46208 D | 10 |
| 46209 D | 10 |
| 46211 D | 10 |
| 46212 D | 11 |
| 46213 D | 11 |
| 46337 D | 190 |
| 46339 D | 249,318 |
| 46351 D | 20 |
| 46368 D | 175 |
| 46369 D | 133 |
| 46384 DA | 65 |
| 46606 DX | 64 |
| 46642 D | 173 |
| 46643 D | 173 |
| 46644 DX | 249 |
| 46645 D | 249 |
| 46677 D | 139 |
| 46680 D | 201 |
| 46681 DAX | 201 |
| 46682 DAX | 201 |
| 46683 DAX | 200 |

# NUMERICAL INDEX


| PART NUMBER | PAGE |
|---|---|
| 46684 DAX | 200 |
| 46685 D | 209 |
| 46691 D | 66 |
| 46710 DB | 38 |
| 46749 D | 275 |
| 46764 D | 154 |
| 46886 DX | 54,318 |
| 46887 D | 199 |
| 46970 D | 193 |
| 46998 D | 38 |
| 46999 D | 38 |
| 47081 DA | 65 |
| 47081 DAX | 65 |
| 47087 D | 65 |
| 47088 D | 65 |
| 47210 DA | 209 |
| 47211 DA | 209 |
| 47212 DA | 209 |
| 47237 D | 181 |
| 47487 D | 24,247 |
| 47488 D | 247 |
| 47489 D | 247 |
| 47490 D | 25,247 |
| 47491 D | 247 |
| 47492 D | 247 |
| 47493 D | 247 |
| 47494 DA | 247 |
| 47525 D | 254 |
| 47526 D | 254 |
| 47527 D | 254 |
| 47528 D | 253 |
| 47529 D | 254 |
| 47530 D | 214 |
| 47531 D | 254 |
| 47704 D | 153 |
| 47704 DA | 153 |
| 47756 D | 25B |
| 47756 DX | 25A |
| 47757 D | 25 |
| 47757 DX | 25 |
| 47758 DAX | 25 |
| 47759 D | 24 |
| 47759 DX | 24 |
| 47760 D | 25B |
| 47760 DX | 25A |
| 47761 D | 25 |
| 47761 DX | 25 |
| 47762 DAX | 25 |
| 47763 D | 24 |
| 47763 DX | 24 |
| 47765 D | 27 |
| 47796 D | 251 |
| 47797 D | 251 |
| 47798 D | 251 |
| 47799 D | 251 |
| 47801 D | 18 |
| 47802 D | 149,152A |
| 47823 D | 166,232,266,274 |
| 47824 D | 33 |
| 47924 D | 286,294 |
| 47925 D | 286,294 |
| 47926 D | 283,286,294 |
| 47928 D | 37 |
| 47930 D | 38 |
| 47931 D | 38 |
| 48173 D | 128,168 |
| 48178 DA | 181 |
| 48216 D | 160 |
| 48231 D | 158,163 |
| 48232 D | 160 |
| 48233 D | 160,163 |
| 48240 DA | 38 |
| 48262 D | 17 |
| 48282 D | 149 |
| 48354 D | 40 |
| 48355 D | 40 |
| 48356 D | 39 |
| 48358 D | 39 |
| 48359 D | 40 |
| 48375 D | 218 |
| 48376 DX | 218 |
| 48427 D | 166 |
| 48438 D | 158,163 |
| 48467 D | 209 |
| 48468 D | 209 |
| 48477 D | 38 |
| 48491 D | 209 |
| 48564 D | 57 |
| 48694 D | 143 |
| 48695 D | 27 |
| 48906 D | 152 |
| 48910 D | 182 |
| 48911 D | 147 |
| 48912 D | 147 |
| 48913 D | 147 |
| 48914 D | 147 |
| 48915 D | 182 |
| 48920 D | 183,231 |
| 48956 D | 35 |
| 49043 D | 38,318 |
| 49104 D | 202 |
| 49105 D | 266,270,274 |
| 49106 D | 140 |
| 49114 D | 267 |
| 49167 D | 289 |
| 49186 DX | 286,291 |
| 49326 DA | 209 |
| 49364 DA | 153 |
| 49387 D | 20 |
| 49398 D | 209 |
| 49400 D | 209 |
| 49438 D | 209 |
| 49440 D | 319 |
| 49450 D | 77,79 |
| 49451 D | 246 |
| 49451 DA | 77,79 |
| 49453 DX | 77,79 |
| 49454 D | 77,79 |
| 49455 DX | 77 |
| 49456 D | 77 |
| 49541 DA | 266,270,274 |
| 49652 D | 287 |
| 49667 DX | 66,159 |
| 49670 D | 161 |
| 49677 DX | 158 |
| 49687 DX | 158 |
| 49709 DX | 14 |
| 49710 DAX-12 | 98,319 |
| 49711 DAX | 68,159 |
| 49712 DX | 67,157 |
| 50092 D | 219 |
| 50098 DA | 181 |
| 50098 DAX | 181 |
| 50099 D | 181 |
| 50148 D | 160,163 |
| 50180 D | 137 |
| 50181 D | 137 |
| 50234 D | 143 |
| 50235 D | 143 |
| 50281 D | 183,319 |
| 50308 D | 62 |
| 50310 D | 62 |
| 50335 DA | 28 |
| 50336 DA | 27 |
| 50387 D | 113 |
| 50391 D | 180,319 |
| 50410 DA | 10,20,62,245 |
| 50417 D | 149,152A,255 |
| 50445 D | 28 |
| 50474 DA | 20 |
| 50585 D | 54,143,289 |
| 50607 D | 11,72,159 |
| 50607 DX | 11,72,159 |
| 50608 D | 86 |
| 50613 DAX | 263,270 |
| 50614 D | 267,270 |
| 50654 D | 286 |
| 50655 D | 287 |
| 50658 D | 285 |
| 50659 D | 285 |
| 50660 D | 285 |
| 50661 D | 285 |
| 50662 D | 285 |
| 50663 D | 285 |
| 50664 D | 11 |
| 50668 D | 11 |
| 50672 D | 11 |
| 50673 D | 11 |
| 50674 D | 11 |

# NUMERICAL INDEX


| PART NUMBER | PAGE |
|---|---|
| 50677 D | 43,46 |
| 50678 D | 11 |
| 50682 D | 280 |
| 50697 D | 146 |
| 50760 D | 255,319 |
| 50763 DA | 255 |
| 50764 D | 255 |
| 50767 D | 255 |
| 50784 D | 292 |
| 50790 D | 32 |
| 50822 D | 181 |
| 50826 D | 21 |
| 50827 D | 17 |
| 50831 DX | 158 |
| 50832 DX | 158 |
| 50865 D | 183,231 |
| 50899 D | 143 |
| 50907 D | 263 |
| 50947 D | 14 |
| 50953 D | 12 |
| 50979 D | 86 |
| 50980 D | 86 |
| 50980 DBX | 86 |
| 50980 DBY | 86 |
| 51066 DB | 157,163 |
| 51066 DBX | 157,161,163 |
| 51151 D | 283 |
| 51156 DA | 283 |
| 51157 DA | 283 |
| 51184 D | 248 |
| 51185 D | 248 |
| 51232 DX | 153 |
| 51238 D | 173 |
| 51274 D | 225 |
| 51275 D | 225 |
| 51329 D | 40 |
| 51338 D | 159,319 |
| 51339 D | 161 |
| 51464 D | 65 |
| 51502 D | 152A |
| 51510 D | 254 |
| 51512 D | 226 |
| 51513 D | 226 |
| 51515 DA | 28 |
| 5.516 D | 27 |
| 51527 D | 161 |
| 51527 DA | 161 |
| 51612 DXA | 182 |
| 51761 D | 180 |
| 51762 DA | 179 |
| 51887 D | 248 |
| 51888 D | 292 |
| 51889 D | 292 |
| 51891 D | 292 |
| 51892 D | 292 |
| 51893 D | 292 |
| 51894 D | 292 |
| 51895 D | 293 |
| 51897 D | 76,292 |
| 51898 D | 293 |
| 51970 D | 292 |
| 52033 D | 140 |
| 52055 D | 227 |
| 52076 D | 225 |
| 52077 D | 226 |
| 52120 D | 225 |
| 52121 D | 225 |
| 52122 D | 225 |
| 52123 D | 225 |
| 52124 D | 224 |
| 52125 D | 225 |
| 52125 DX | 225 |
| 52126 D | 225 |
| 52128 D | 69,72 |
| 52176 DC | 40 |
| 52348 D | 168 |
| 52390 D | 216 |
| 52403 D | 152 |
| 52404 D | 152 |
| 52405 D | 151,152A |
| 52411 D | 152 A |
| 52414 DA | 171,320 |
| 52415 DA | 135 |
| 52416 DA | 135 |
| 52417 D | 250 |
| 52418 D | 250 |
| 52419 D | 190 |
| 52422 D | 200 |
| 52424 DC | 199 |
| 52424 DD | 199,320 |
| 52425 DC | 199 |
| 52425 DD | 199,320 |
| 52432 D | 169 |
| 52433 D | 169 |
| 52435 D | 144 |
| 52439 DB | 183,231,321 |
| 52440 DX | 285 |
| 52441 DX | 285 |
| 52442 DX | 286 |
| 52443 D | 212,231 |
| 52444 D | 212,231 |
| 52445 D | 255 |
| 52514 D | 46 |
| 52515 DA | 46 |
| 52519 D | 46 |
| 52606 D | 21 |
| 52612 D | 74 |
| 52613 DD | 74,321 |
| 52621 DX | 40 |
| 52624 D | 40 |
| 52626 D | 40 |
| 52725 DA | 227,228 |
| 52855 D | 161 |
| 52893 D | 171 |
| 52966 DM | 98 |
| 53009 D | 170 |
| 53013 D | 179 |
| 53030 D | 144 |
| 53031 D | 149,152A,255 |
| 53079 D | 49 |
| 53083 D | 46 |
| 53136 D | 280 |
| 53186 D | 235 |
| 53187 D | 224 |
| 53188 D | 225 |
| 53189 D | 225 |
| 53190 D | 226 |
| 53192 D | 226 |
| 53193 D | 225 |
| 53194 D | 225 |
| 53195 D | 225 |
| 53196 D | 224 |
| 53233 DA | 180,259 |
| 53269 D | 244 |
| 53389 D | 181 |
| 53612 DA | 22 |
| 53616 D | 74 |
| 53643 D | 9 |
| 53717 DA | 166 |
| 53742 DA | 180 |
| 53899 D | 168A |
| 54079 DX | 291 |
| 54081 D | 252 |
| 54082 D | 252 |
| 54085 D | 40 |
| 54110 D | 193 |
| 54111 D | 199 |
| 54122 DX | 14 |
| 54123 DX | 14 |
| 54124 D | 14,4C |
| 54125 D | 12,4C |
| 54128 D | 173 |
| 54129 D | 173 |
| 54130 D | 173 |
| 54131 D | 173 |
| 54132 DA | 173 |
| 54133 D | 173 |
| 54134 D | 173 |
| 54158 D | 10 |
| 54238 DA | 180 |
| 54239 D | 175 |
| 54240 D | 175 |
| 54241 D | 175 |
| 54242 DX | 175 |

# NUMERICAL INDEX


| PART NUMBER | PAGE |
|---|---|
| 54243 D | 175 |
| 54264 D | 183,231,321 |
| 54274 D | 110 |
| 54277 D | 180,231,322 |
| 54290 D | 105,111 |
| 54291 D | 105,109 |
| 54292 D | 105 |
| 54293 D | 105,109 |
| 54295 D | 105,109 |
| 54296 D | 105,109 |
| 54297 D | 105,109 |
| 54298 D | 105,110 |
| 54299 D | 106,110 |
| 54302 D | 106 |
| 54303 D | 106 |
| 54306 D | 106 |
| 54308 DX | 102,106,322 |
| 54310 D | 103,107 |
| 54311 D | 103,107 |
| 54312 D | 107 |
| 54315 D | 106 |
| 54316 D | 106 |
| 54317 D | 105 |
| 54318 DX | 107 |
| 54320 D | 105,109 |
| 54321 D | 106 |
| 54322 D | 105 |
| 54323 D | 105 |
| 54324 D | 106 |
| 54326 D | 105,109 |
| 54329 D | 105,109 |
| 54330 D | 105,109 |
| 54331 D | 105,109 |
| 54332 D | 105,109 |
| 54333 DA | 106,111 |
| 54334 D | 105,109 |
| 54335 D | 111 |
| 54335 DA | 106 |
| 54337 D | 105,109 |
| 54342 D | 105 |
| 54343 D | 105 |
| 54344 D | 107 |
| 54345 DA | 107,111 |
| 54346 D | 106,111 |
| 54347 D | 106,111 |
| 54348 DBX | 107,111 |
| 54349 D | 107,111 |
| 54350 D | 107,111 |
| 54351 D | 107,111 |
| 54358 D | 107 |
| 54364 DB | 123,124 |
| 54365 D | 122,124 |
| 54366 D | 123,124 |
| 54367 D | 123,124 |
| 54370 D | 122,124 |
| 54371 D | 122,124 |
| 54372 DB | 103,107,110 |
| 54373 DB | 103,107,110 |
| 54374 D | 103,107 |
| 54378 D | 113,114 |
| 54379 D | 113,114 |
| 54381 D | 114 |
| 54382 D | 114 |
| 54384 D | 106 |
| 54385 D | 106 |
| 54386 D | 106 |
| 54387 DB | 106 |
| 54388 D | 114,322 |
| 54389 D | 114,322 |
| 54393 D | 114 |
| 54394 D | 114 |
| 54395 D | 115 |
| 54396 D | 115 |
| 54397 D | 115 |
| 54398 DY | 113 |
| 54399 D | 113 |
| 54400 D | 113 |
| 54401 D | 115 |
| 54402 DX | 113 |
| 54404 D | 113 |
| 54405 D | 113 |
| 54406 D | 113 |
| 54407 D | 113 |
| 54408 DA | 106,322 |
| 54409 DA | 106 |
| 54410 DA | 102,106 |
| 54411 D | 102,106,110 |
| 54412 D | 102,106,110 |
| 54413 D | 102,106,110 |
| 54414 DA | 102 |
| 54414 DB | 106 |
| 54415 D | 102,106 |
| 54416 D | 102,106,110 |
| 54417 D | 113 |
| 54418 D | 113 |
| 54419 DA | 115 |
| 54420 DA | 114 |
| 54421 D | 114 |
| 54422 DAX | 114 |
| 54424 DX | 114 |
| 54427 D | 114 |
| 54428 D | 114 |
| 54430 D | 113 |
| 54431 D | 114 |
| 54433 DB | 114 |
| 54434 D | 115,121 |
| 54435 D | 115,121 |
| 54440 D | 115 |
| 54441 D | 115,121 |
| 54442 D | 113 |
| 54450 D | 113 |
| 54451 DA | 113 |
| 54457 DAX | 115 |
| 54458 D | 114 |
| 54459 DX | 114 |
| 54460 D | 106 |
| 54462 D | 115,120 |
| 54463 D | 114 |
| 54464 D | 106 |
| 54467 D | 225 |
| 54468 DA | 106 |
| 54469 D | 115 |
| 54470 D | 115 |
| 54471 D | 115 |
| 54472 D | 115 |
| 54473 D | 115 |
| 54474 D | 115 |
| 54475 DA | 115 |
| 54475 DAX | 115 |
| 54476 DA | 115 |
| 54477 D | 114 |
| 54478 DB | 115 |
| 54481 D | 107,111 |
| 54486 D | 161 |
| 54518 D | 114 |
| 54519 D | 114 |
| 54521 D | 115 |
| 54522 D | 115 |
| 54523 D | 115 |
| 54524 D | 115 |
| 54525 DX | 114 |
| 54527 D | 114,322 |
| 54528 DA | 113 |
| 54529 D | 113 |
| 54530 D | 106 |
| 54531 D | 101 |
| 54535 D | 101 |
| 54535 DX | 101 |
| 54536 D | 101 |
| 54542 DAX | 101 |
| 54544 D | 102 |
| 54545 D | 103,107 |
| 54546 D | 103 |
| 54559 D | 102 |
| 54560 DAX | 101,322 |
| 54563 D | 101 |
| 54573 D | 103 |
| 54574 D | 102 |
| 54575 D | 102 |
| 54576 D | 102 |
| 54593 D | 101 |
| 54595 D | 123 |
| 54596 D | 101 |
| 54597 D | 101 |
| 54598 D | 102 |
| 54599 D | 101,105 |
| 54600 D | 101 |
| 54601 D | 102 |
| 54603 D | 103 |
| 54605 D | 101 |
| 54611 D | 103,107 |
| 54615 D | 103 |
| 54616 D | 103 |
| 54616 DX | 103 |
| 54617 D | 103 |
| 54618 D | 123,323 |
| 54620 DAX | 123 |
| 54622 D | 102 |
| 54623 D | 102 |
| 54624 DA | 103 |
| 54625 D | 102,323 |
| 54625 DA | 102 |
| 54625 DAX | 102 |
| 54626 DA | 102 |
| 54628 D | 114 |
| 54629 DX | 115 |
| 54634 DX | 115 |
| 54636 D | 102 |
| 54637 D | 115 |
| 54652 D | 181 |
| 54690 D | 113 |
| 54692 DA | 280 |
| 54760 D | 161 |
| 54761 D | 161 |
| 54762 D | 161 |
| 54763 D | 161 |
| 54764 D | 161 |
| 54765 D | 161 |
| 54766 D | 161 |
| 54909 D | 76 |
| 54910 D | 69,71,323 |
| 54911 DX | 67,71,323 |
| 54912 DX | 67,71,324 |
| 54913 DX | 67,71,324 |
| 54914 DX | 67,71,324 |
| 54915 DX | 68,71,324 |
| 54916 DX | 68,71,324 |
| 54917 DX | 68,159 |
| 54922 DAX | 98 |
| 54922 DAX-12 | 98 |
| 54922 DAXA-12 | 324 |

## NUMERICAL INDEX


| PART NUMBER | PAGE |
|---|---|
| 54928 DAX | 68 |
| 54949 D | 128 |
| 54953 D | 128 |
| 54954 D | 129 |
| 54955 D | 129 |
| 54955 DX | 129,324 |
| 54956 D | 129 |
| 54957 D | 129 |
| 54968 D | 180 |
| 54977 DX | 158 |
| 54978 DX | 158 |
| 55307 DAX | 18 |
| 55339 D | 197 |
| 55350 D | 115 |
| 55354 DA | 40 |
| 55360 D | 115 |
| 55361 D | 105,109 |
| 55367 D | 115 |
| 55368 D | 115 |
| 55369 D | 115 |
| 55370 D | 115 |
| 55377 D | 149,152A,175 |
| 55422 D | 169 |
| 55428 DA | 114,119 |
| 55450 D | 171 |
| 55468 D | 143,289 |
| 55479 D | 226 |
| 55517 D | 65,230,325 |
| 55617 D | 183 |
| 55748 D | 152 |
| 55772 D | 114 |
| 55844 D | 170 |
| 55869 DX | 69 |
| 55869 DAX | 158 |
| 56004 D | 176 |
| 56005 D | 179,259 |
| 56006 D | 180,259 |
| 56008 D | 179 |
| 56009 D | 179,183,259 |
| 56010 D | 174,259 |
| 56011 D | 134,260 |
| 56012 D | 176,260 |
| 56013 DX | 180,260 |
| 56014 D | 134,260 |
| 56015 D | 176 |
| 56017 D | 179,260 |
| 56018 D | 180,260 |
| 56081 DX | 159 |
| 56110 D | 105 |
| 56111 D | 105 |
| 56111 DA | 105 |
| 56112 D | 105 |
| 56112 DX | 105,109 |
| 56113 D | 105,109 |
| 56114 DBX | 106 |
| 56115 D | 106 |
| 56116 D | 105 |
| 56117 D | 107 |
| 56118 D | 106 |
| 56119 DB | 105 |
| 56120 D | 69,103 |
| 56121 D | 106,111 |
| 56122 D | 106 |
| 56123 D | 123,325 |
| 56124 DX | 123 |
| 56124 DY | 123,325 |
| 56133 D | 199,326 |
| 56134 D | 199,326 |
| 56154 D | 113 |
| 56155 D | 114 |
| 56161 DX | 115 |
| 56192 D | 34 |
| 56277 D | 55 |
| 56278 D | 54,161 |
| 56291 D | 74 |
| 56456 D | 9 |
| 56457 DA | 9 |
| 56458 D | 55 |
| 56459 DBX | 40 |
| 56460 D | 40 |
| 56461 D | 20 |
| 56463 D | 40 |
| 56464 D | 21 |
| 56465 D | 169 |
| 56466 D | 169 |
| 56467 D | 169 |
| 56468 D | 169 |
| 56473 D | 171,230,326 |
| 56475 D | 185 |
| 56476 D | 185 |
| 56478 D | 185 |
| 56514 DX | 239 |
| 56515 DX | 167 |
| 56599 DX | 58 |
| 56617 D | 68 |
| 56617 DA | 71 |
| 56625 D | 173 |
| 56626 D | 173 |
| 56627 D | 173 |
| 56673 D | 60 |
| 56677 DA | 170 |
| 56689 D | 14 |
| 56690 DX | 14 |
| 56691 DX | 14 |
| 56695 D | 145 |
| 56996 DX | 129,326 |
| 56999 DA | 326 |
| 56999 DC | 17 |
| 57000 D | 326 |
| 57000 DD | 17 |
| 57068 DX | 11 |
| 57069 DB | 274 |
| 57070 D | 274 |
| 57071 DX | 273 |
| 57072 DX | 273 |
| 57073 DX | 273 |
| 57074 D | 275 |
| 57075 DB | 274 |
| 57076 DA | 274 |
| 57077 D | 275 |
| 57078 D | 275 |
| 57079 D | 275 |
| 57080 D | 274 |
| 57081 D | 275 |
| 57082 D | 275 |
| 57083 D | 273 |
| 57084 D | 273 |
| 57085 D | 274 |
| 57086 D | 274 |
| 57087 D | 274 |
| 57088 D | 273 |
| 57089 D | 275 |
| 57090 DX | 275 |
| 57091 D | 275 |
| 57092 D | 273 |
| 57093 D | 273 |
| 57094 D | 273 |
| 57099 D | 179,260 |
| 57100 DXA | 133,260,326 |
| 57101 DX | 181,260,327 |
| 57102 D | 181,260 |
| 57103 DX | 180,260,327 |
| 57148 D | 143 |
| 57237 DA | 204 |
| 57241 D | 204 |
| 57244 DX | 14 |
| 57288 D | 176,260 |
| 57311 D | 289 |
| 57311 DX | 143,145,148,150 327 |
| 57311 DY | 145 |
| 57312 D | 145 |
| 57313 D | 145 |
| 57367 D | 160,163,283 |
| 57386 D | 134,213 |
| 57387 D | 134,213 |
| 57505 DX | 107 |
| 57506 D | 107 |
| 57507 D | 103,107 |
| 57508 D | 103,107 |
| 57550 D | 54 |
| 57624 D | 247 |
| 57724 D | 202,231,327 |
| 57734 D | 203 |
| 57750 D | 181 |
| 57756 D | 60 |
| 57776 D | 183,259 |
| 57957 D | 50 |
| 58004 D | 244 |
| 58075 DA | 209 |
| 58099 D | 282 |
| 58100 D | 282 |
| 58101 D | 278,282 |
| 58102 D | 282 |
| 58103 D | 278,280 |
| 58123 D | 39 |
| 58150 DX | 40 |
| 58185 D | 155 |

## NUMERICAL INDEX


| PART NUMBER | PAGE |
|---|---|
| 58194 DA | 135 |
| 58199 DA | 151,327 |
| 58200 DA | 155A |
| 58202 D | 150 |
| 58204 D | 150 |
| 58205 D | 152 |
| 58206 D | 152 |
| 58208 D | 152 |
| 58209 D | 155 |
| 58210 D | 155 |
| 58213 D | 154 |
| 58214 D | 155-A |
| 58218 D | 155 |
| 58227 D | 129 |
| 58227 DX | 129 |
| 58243 D | 57,60 |
| 58253 D | 21 |
| 58255 D | 40 |
| 58258 D | 170 |
| 58265 D | 273 |
| 58266 D | 273 |
| 58267 D | 273 |
| 58268 D | 275 |
| 58269 DX | 267,275 |
| 58332 D | 113 |
| 58333 D | 114 |
| 58334 D | 115 |
| 58335 D | 113 |
| 58336 D | 53 |
| 58374 D | 173 |
| 58375 DA | 170 |
| 58375 DB | 170 |
| 58378 D | 217 |
| 58379 DC | 152A |
| 58388 D | 171 |
| 58400 D | 98,230,327 |
| 58401 D | 253 |
| 58402 DX | 255 |
| 58450 D | 147,152,254 |
| 58511 D | 20 |
| 58690 D | 25 |
| 58836 D | 49 |
| 58920 DAX | 219,260 |
| 58949 D | 280 |
| 58950 D | 280,328 |
| 58955 DA | 212 |
| 58957 D | 183,261 |
| 58960 D | 28 |
| 58967 DX | 17 |
| 58973 DA | 244 |
| 58976 DA | 233,235,236 |
| 58981 D | 238,242 |
| 58982 D | 237,245 |
| 58983 DX | 233 |
| 58984 DX | 233 |
| 58985 D | 236 |
| 58985 DX | 235 |
| 58986 D | 233 |
| 59009 DA | 328 |
| 59009 DB | 179,261 |
| 59098 D | 277 |
| 59107 DX | 217 |
| 59175 D | 285,289 |
| 59184 D | 289 |
| 59235 DX | 133 |
| 59236 DX | 133 |
| 59237 D | 137 |
| 59238 D | 137 |
| 59239 D | 277 |
| 59240 DX | 32 |
| 59247 D | 35 |
| 59254 D | 251 |
| 59255 D | 251 |
| 59291 D | 328 |
| 59293 D | 328 |
| 59298 D | 283 |
| 59299 D | 283 |
| 59324 D | 252 |
| 59328 D | 252 |
| 59332 D | 252 |
| 59333 D | 276 |
| 59416 D | 155 |
| 59417 D | 155 |
| 59419 D | 252 |
| 59550 D | 262 |
| 59551 D | 262 |
| 59553 DX | 262,328 |
| 59556 D | 262 |
| 59557 D | 262 |
| 59558 D | 262 |
| 59559 D | 262 |
| 59560 D | 262 |
| 59561 D | 198 |
| 59562 D | 198 |
| 59563 D | 262 |
| 59564 D | 262 |
| 59565 D | 262 |
| 59566 D | 262,329 |
| 59603 D | 91 |
| 59606 D | 91 |
| 59609 D | 81,88 |
| 59613 D | 91 |
| 59614 D | 91 |
| 59615 DA | 91 |
| 59616 D | 91 |
| 59617 D | 91 |
| 59618 D | 91 |
| 59623 D | 87 |
| 59624 D | 87 |
| 59633 D | 87 |
| 59634 D | 87 |
| 59635 D | 87 |
| 59638 D | 87 |
| 59640 D | 87 |
| 59642 D | 87 |
| 59645 D | 87,91 |
| 59646 D | 87,91 |
| 59649 D | 92 |
| 59650 DA | 87 |
| 59652 D | 87 |
| 59657 D | 91 |
| 59658 D | 91 |
| 59659 D | 91 |
| 59660 D | 91 |
| 59661 DX | 81 |
| 59664 D | 87 |
| 59665 D | 87 |
| 59667 D | 92 |
| 59673 D | 92 |
| 59680 D | 88 |
| 59682 D | 87 |
| 59686 DA | 87 |
| 59687 D | 87 |
| 59688 D | 87,93 |
| 59690 DAX | 88 |
| 59691 DX | 88 |
| 59693 DX | 88 |
| 59697 D | 95 |
| 59698 DA | 95 |
| 59707 D | 83 |
| 59708 D | 83,111 |
| 59714 DA | 95 |
| 59718 D | 97 |
| 59720 D | 97 |
| 59721 D | 97 |
| 59722 D | 97 |
| 59723 D | 97 |
| 59727 D | 84 |
| 59729 DC | 80 |
| 59730 DA | 81 |
| 59732 D | 81 |
| 59733 DBX | 80 |
| 59734 DA | 95 |
| 59736 D | 80 |
| 59737 D | 81 |
| 59738 D | 81 |
| 59739 D | 81 |
| 59740 D | 81 |
| 59741 DA | 81 |
| 59742 DX | 81 |
| 59743 DA | 81 |
| 59744 D | 81 |
| 59746 DB | 80 |
| 59750 D | 81 |
| 59751 D | 81 |
| 59760 DA | 95 |
| 59762 DX | 95,329 |
| 59763 D | 83 |
| 59767 D | 84 |
| 59772 D | 83 |
| 59781 D | 83 |
| 59782 DX | 84 |
| 59784 DA | 84,329 |
| 59793 D | 84 |
| 59861 D | 118 |
| 59911 D | 107 |
| 59989 D | 144 |
| 59990 DX | 152A |
| 59991 D | 152A |
| 60011 D | 143 |
| 60012 D | 226 |
| 60013 D | 226 |
| 60015 DX | 157,163 |
| 60250 D | 197 |
| 60256 DXA | 186,329 |
| 60257 DXA | 184,330 |
| 60258 DXA | 184,330 |

| PART NUMBER | PAGE |
|---|---|
| 60259 D | 184 |
| 60260 DA | 186,330 |
| 60262 D | 186,231,330 |
| 60292 D | 19 |
| 60400 D | 171 |
| 60401 D | 170 |
| 60402 D | 171 |
| 60403 D | 170 |
| 60659 D | 55 |
| 60660 D | 55 |
| 60661 D | 55 |
| 60662 D | 55 |
| 60663 D | 55 |
| 60664 D | 55 |
| 60688 D | 235 |
| 60734 D | 98,230,330 |
| 60737 D | 105 |
| 60740 D | 102,106,114,119,331 |
| 60741 D | 114 |
| 60743 D | 69 |
| 60745 D | 69,115 |
| 60746 D | 69 |
| 60749 D | 250 |
| 60805 D | 152A |
| 60856 D | 98,230,331 |
| 60863 D | 238 |
| 60870 DA | 159,331 |
| 60871 DA | 161 |
| 60872 D | 161 |
| 60876 D | 161 |
| 60877 D | 64B,161 |
| 60878 DX | 164B,331 |
| 60913 DNS | 143 |
| 60938 D | 290 |
| 60947 D | 50 |
| 61111 D | 111,124 |
| 61115 D | 129 |
| 61128 D | 129 |
| 61130 D | 128 |
| 61132 D | 225 |
| 61136 D | 113 |
| 61177 DB | 199,331 |
| 61178 D | 332 |
| 61178 DB | 199 |
| 61190 D | 203 |
| 61191 DA | 201,203 |
| 61192 D | 203 |
| 61193 DA | 200 |
| 61194 DA | 200,201 |
| 61196 DA | 201 |
| 61198 DA | 207,332 |
| 61207 D | 74,230,332 |
| 61244 D | 105 |
| 61271 D | 245 |
| 61299 DX-12 | 98,332 |
| 61404 DX | 72,158 |
| 61405 DX | 72,159 |
| 61406 D | 157 |
| 61406 DX | 71 |
| 61407 DX | 72 |
| 61614 D | 266 |
| 61615 D | 267,275 |
| 61732 D | 226 |
| 61733 D | 226 |
| 61735 D | 226 |
| 61736 D | 226 |
| 61737 D | 226 |
| 61738 D | 226 |
| 61739 D | 226 |
| 61740 D | 226 |
| 61753 D | 27,275 |
| 61808 D | 10 |
| 61903 D | 183,261 |
| 61910 D | 109 |
| 61913 D | 193 |
| 61916 D | 191 |
| 61916 DX | 193 |
| 61916 DY | 191 |
| 61917 D | 111 |
| 61919 DX | 110,332 |
| 61926 DAX | 333 |
| 61926 DBX | 87 |
| 61927 D | 80 |
| 61929 D | 94 |
| 61932 D | 94 |
| 61933 DX | 94 |
| 61939 D | 83,84,97 |
| 61940 D | 95 |
| 61941 DA | 84 |
| 61943 D | 83 |
| 61946 D | 83 |
| 61947 DXA | 84,333 |
| 61951 D | 84 |
| 61956 D | 110 |
| 61958 D | 111 |
| 61959 DX | 111 |
| 61964 D | 110 |
| 61965 D | 111 |
| 61969 D | 110 |
| 61970 D | 111 |
| 62041 D | 191 |
| 62116 D | 110 |
| 62117 D | 111 |
| 62119 D | 110 |
| 62120 D | 110 |
| 62121 D | 110 |
| 62122 D | 111 |
| 62123 D | 110 |
| 62124 D | 111 |
| 62125 D | 124,333 |
| 62126 DY | 124,333 |
| 62129 D | 124 |
| 62143 D | 280 |
| 62159 D | 226 |
| 62192 D | 117 |
| 62193 D | 110,333 |
| 62195 D | 110 |
| 62196 D | 110 |
| 62197 D | 110 |
| 62198 D | 110 |
| 62199 D | 110 |
| 62201 D | 118,333 |
| 62203 D | 121 |
| 62204 D | 118,120 |
| 62205 D | 117,119,120 |
| 62206 D | 118,119 |
| 62207 D | 118 |
| 62208 D | 74,119 |
| 62209 D | 74,120 |
| 62210 D | 120 |
| 62211 D | 120 |
| 62213 D | 117 |
| 62214 D | 117 |
| 62217 DX | 117 |
| 62218 D | 117 |
| 62219 D | 117 |
| 62220 D | 117 |
| 62221 D | 117 |
| 62222 D | 117 |
| 62223 D | 117 |
| 62224 D | 117 |
| 62225 DX | 117 |
| 62227 D | 117 |
| 62228 D | 117 |
| 62229 DX | 117,333 |
| 62233 D | 120 |
| 62235 D | 120 |
| 62236 D | 121 |
| 62237 DX | 118,334 |
| 62242 D | 118 |
| 62243 DA | 120 |
| 62246 DX | 118 |
| 62247 D | 118 |
| 62248 D | 118 |
| 62249 D | 118 |
| 62250 DX | 120 |
| 62253 D | 120 |
| 62254 D | 121 |
| 62256 DX | 120,334 |
| 62259 D | 120 |
| 62260 D | 121 |
| 62261 D | 121 |
| 62262 D | 121 |
| 62263 DX | 120,334 |
| 62264 D | 120 |
| 62265 D | 120 |
| 62267 D | 119,334 |
| 62268 DX | 119,334 |
| 62270 D | 118 |
| 62271 D | 118,289 |
| 62273 D | 119 |
| 62274 D | 119 |
| 62275 D | 119 |
| 62276 D | 119 |
| 62302 D | 289,290 |
| 62316 D | 267 |
| 62317 D | 267 |
| 62318 D | 267 |
| 62319 D | 267 |
| 62320 D | 267 |
| 62321 D | 267 |
| 62352 D | 226 |
| 62366 DA | 171,334 |
| 62401 D | 212,334 |
| 62402 D | 212,334 |
| 62490 D | 203,335 |
| 62497 D | 203 |

# NUMERICAL INDEX


| PART NUMBER | PAGE |
|---|---|
| 62573 D | 226 |
| 62574 D | 226 |
| 62578 D | 19,335 |
| 62622 D | 110 |
| 62625 D | 118 |
| 62626 D | 118 |
| 62627 D | 118 |
| 62628 D | 118 |
| 62633 D | 119 |
| 62637 D | 120 |
| 62638 D | 120 |
| 62639 D | 120 |
| 62640 D | 120 |
| 62641 D | 120 |
| 62642 D | 120 |
| 62643 D | 120 |
| 62644 D | 120 |
| 62648 D | 118 |
| 62780 D | 169 |
| 62780 DX | 171,335 |
| 62781 D | 168A |
| 62782 D | 168A |
| 62863 D | 134 |
| 62866 D | 20 |
| 63007 D | 33,335 |
| 63180 DX | 278 |
| 63181 DX | 278 |
| 63184 D | 278 |
| 63185 D | 278 |
| 63186 DA | 278 |
| 63187 DA | 278 |
| 63188 D | 278 |
| 63228 D | 175,260 |
| 63229 D | 175,260 |
| 63230 DX | 176,260 |
| 63230 DY | 176 |
| 63266 D | 205 |
| 63282 D | 25B |
| 63323 D | 143 |
| 63327 DB | s25A |
| 63327 DBX | 25A |
| 63328 DB | 25A |
| 63328 DBX | 25 |
| 63330 D | 25A |
| 63374 D | 84 |
| 63385 D | 128 |
| 63427 DX | 94 |
| 63677 D | 136 |
| 63678 D | 199,335 |
| 63679 D | 199 |
| 63782 D | 31,147,152,254 |
| 63785 D | 35,152 |
| 63844 D | 64 |
| 64015 D | 281 |
| 64017 D | 281 |
| 64018 D | 281 |
| 64043 D | 97 |
| 64044 D | 83 |
| 64046 D | 201,336 |
| 64047 D | 28 |
| 64060 D | 81 |
| 64070 D | 97 |
| 64121 D | 72 |
| 64159 D | 278,282 |
| 64161 D | 120 |
| 64163 D | 166,266,270,274 |
| 64172 D | 118 |
| 64173 D | 118 |
| 64174 D | 118,337 |
| 64175 D | 119,337 |
| 64186 D | 119 |
| 64187 D | 119 |
| 64321 D | 49 |
| 64368 DX | 25A |
| 64369 D | 25B |
| 64369 DX | 25A |
| 64370 D | 24 |
| 64370 DX | 24 |
| 64371 DB | 25A |
| 64371 DBX | 25 |
| 64372 D | 25 |
| 64372 DX | 25 |
| 64378 DX | 24 |
| 64406 D | 201 |
| 64440 DA | 23 |
| 64441 DA | 23 |
| 64444 D | 23 |
| 64445 D | 23 |
| 64497 D | 189 |
| 64499 DA | 189,337 |
| 64500 D | 193 |
| 64543 D | 39 |
| 64544 D | 40 |
| 64545 D | 39 |
| 64576 D | 46 |
| 64577 D | 46 |
| 64578 D | 46 |
| 64603 D | 165 |
| 64604 D | 171 |
| 64606 D | 165 |
| 64607 D | 165 |
| 64608 D | 165 |
| 64609 D | 165 |
| 64611 D | 168A |
| 64613 DA | 167 |
| 64615 DA | 165 |
| 64616 D | 337 |
| 64616 DA | 171 |
| 64617 D | 171 |
| 64618 D | 171 |
| 64619 D | 168A |
| 64620 D | 168 |
| 64621 D | 169 |
| 64633 D | 171,338 |
| 64634 D | 338 |
| 64634 DA | 171 |
| 64636 D | 230,338 |
| 64643 D | 46,338 |
| 64679 D | 87 |
| 64716 D | 40,339 |
| 64801 D | 190 |
| 64802 D | 191 |
| 64803 D | 192 |
| 64804 D | 193 |
| 64805 D | 193 |
| 64807 D | 189 |
| 64808 D | 189 |
| 64809 D | 193 |
| 64810 D | 134 |
| 64811 D | 191 |
| 64812 D | 189 |
| 64813 DX | 189,339 |
| 64814 DX | 189,339 |
| 64870 D | 81 |
| 64871 D | 81 |
| 64958 D | 275 |
| 64959 D | 101,105,109 |
| 64960 D | 101,105,109 |
| 64961 D | 101,105,109 |
| 64977 D | 192 |
| 64997 D | 171,230,339 |
| 64998 D | 105,109 |
| 65009 D | 193 |
| 65010 D | 134,193 |
| 65013 D | 193,231 |
| 65014 D | 194,231 |
| 65027 D | 94 |
| 65028 D | 94 |
| 65029 D | 94 |
| 65056 D | 96 |
| 65066 D | 84 |
| 65100 DA | 207,339 |
| 65100 DAX | 207,339 |
| 65101 D | 207,340 |
| 65118 D | 201,207 |
| 65124 D | 207,340 |
| 65125 D | 207,340 |
| 65210 D | 81 |
| 65227 D | 194,220 |
| 65325 D | 53 |
| 65329 D | 53 |
| 65335 D | 54 |
| 65336 D | 53 |
| 65339 D | 53 |
| 65340 D | 53 |
| 65346 D | 53 |
| 65347 D | 53 |
| 65350 D | 54 |
| 65351 D | 53 |
| 65355 D | 91 |
| 65366 D | 54,340 |
| 65383 DA | 98,230,341 |
| 65401 D | 292 |
| 65534 D | 147,289 |
| 65810 D | 44,341 |
| 65812 DA | 98 |
| 66002 D | 81,91 |
| 66005 D | 91 |
| 66007 D | 91 |
| 66008 D | 91 |

## NUMERICAL INDEX


| PART NUMBER | PAGE |
|---|---|
| 66010 DA | 92 |
| 66099 D | 233 |
| 66108 DC | 81,341 |
| 66109 D | 94 |
| 66111 DA | 342 |
| 66158 D | 233 |
| 66355 D | 233 |
| 66356 D | 233 |
| 66357 D | 233 |
| 66358 D | 233 |
| 66392 D | 87,342 |
| 66776 D | 252 |
| 66854 DX | 200,202 |
| 67116 D | 128 |
| 67119 D | 155 |
| 67208 D | 84 |
| 67228 D | 10 |
| 67250 D | 209 |
| 67350 D | 149 |
| 67350 DX | 151,166,342 |
| 67356 D | 342 |
| 67393 D | 84 |
| 67394 D | 84 |
| 67394 DA | 84 |
| 67535 D | 280 |
| 67536 DX | 280 |
| 67537 D | 280 |
| 67545 D | 279,280 |
| 67561 D | 280 |
| 67575 D | 279 |
| 67577 D | 279,280 |
| 67590 D | 279 |
| 67612 D | 279 |
| 67613 D | 279,280 |
| 67614 D | 279,280 |
| 67616 D | 279 |
| 67618 D | 279,280 |
| 67619 D | 279,280 |
| 67620 D | 279,280 |
| 67621 D | 279 |
| 67622 D | 279 |
| 67631 D | 279 |
| 67632 D | 279 |
| 67650 D | 183 |
| 67651 D | 183 |
| 67679 D | 342 |
| 67789 DMX | 246 |
| 67790 DM | 246 |
| 67797 D | 118,342 |
| 67830 D | 279,280 |
| 67832 D | 157 |
| 67834 D | 157 |
| 67847 D | 128 |
| 67870 D | 83,111 |
| 67918 D | 81 |
| 67919 D | 82 |
| 67922 DA | 81,343 |
| 67924 D | 81,343 |
| 67943 D | 48 |
| 67979 D | 91 |
| 67980 D | 91 |
| 68012 D | 91 |
| 68084 D | 293 |
| 68251 D | 11 |
| 68252 D | 28 |
| 68276 D | 235,238 |
| 68277 D | 235,238 |
| 68380 D | 84 |
| 68388 D | 81 |
| 68389 D | 81 |
| 68405 DX | 219,343 |
| 68406 D | 220 |
| 68407 D | 220 |
| 68408 D | 220 |
| 68409 D | 220 |
| 68410 D | 220 |
| 68411 D | 220 |
| 68412 D | 220 |
| 68413 D | 220 |
| 68413 DX | 220 |
| 68414 D | 220 |
| 68415 D | 220 |
| 68416 D | 219 |
| 68417 D | 294 |
| 68418 D | 292 |
| 68462 D | 180 |
| 68463 D | 180,231 |
| 68465 D | 168A |
| 68467 D | 168 |
| 68595 DM | 246 |
| 68597 DM | 246 |
| 68614 DX | 109 |
| 68625 D | 119 |
| 68628 D | 185 |
| 68644 D | 186 |
| 68648 D | 185 |
| 68728 D | 105 |
| 68812 D | 98,230,343 |
| 68814 D | 101 |
| 68815 D | 101 |
| 68956 DX | 119 |
| 68956 DX | 65,98,230,343,344 |
| 68961 D | 65,230,243,244 |
| 68961 DA | 98 |
| 69057 D | 109 |
| 69069 D | 167 |
| 69071 DX | 167 |
| 69071 DAX | 167 |
| 69075 D | 167,344 |
| 69096 D | 167 |
| 69097 DX | 167 |
| 69106 D | 165 |
| 69106 DA | 166 |
| 69107 D | 167 |
| 69107 DB | 167 |
| 69108 D | 165 |
| 69108 DB | 165 |
| 69129 DX | 57,344 |
| 69238 D | 121,345 |
| 69325 D | 123,230 |
| 69326 D | 123,230 |
| 69371 D | 293 |
| 69372 D | 292 |
| 69395 D | 293 |
| 69419 D | 194,231 |
| 69420 D | 194,231 |
| 69421 D | 194,231 |
| 69487 D | 88 |
| 69491 D | 292 |
| 69674 D | 117 |
| 69700 D | 120,345 |
| 69738 D | 194,231 |
| 69848 D | 293 |
| 70038 D | 170 |
| 70039 D | 169 |
| 70044 D | 119 |
| 70126 D | 113 |
| 79398 D | 292 |


### E


| | |
|---|---|
| E4 212 | 58 |
| E4 216 | 60 |
| E4 226 | 59 |
| E4 267 A | 59 |
| E4 271 | 59 |
| E4 294 | 60 |
| E4 295 | 57 |
| E4A 305 | 58 |
| E4A 311 | 60 |
| E4A 324 | 58 |
| E4A 351 | 59 |
| E4A 352 | 59 |
| E4A 353 | 58 |
| E4A 358 | 58 |
| E4A 372 | 58 |
| E4A 468 | 60 |
| E4A 469 | 60 |
| E4A 477 A | 57 |
| E4A 576 | 57 |
| E 1324 | 147 |
| 1326 E | 220 |


### F


| | |
|---|---|
| 10981 F | 147 |

## NUMERICAL INDEX


| PART NUMBER | PAGE |
|---|---|
| **G** | |
| G 3792 | 32 |
| G 3836 | 74,79 |
| G 6579-1/2 | 64 |
| G 9210 | 278,282 |
| **H** | |
| H 156 | 219 |
| H 4213 | 152 |
| 7472 H | 285 |
| 7494 H | 287,295 |
| 91406 HA | 36 |
| 98050 H | 36 |
| 10367 H | 274 |
| 12797 H | 265,269 |
| 14234 H | 168A |
| 14611 H | 13,14,44,48 |
| 15033 H | 152,175 |
| 15041 H | 152,175,176,184,185,260 |
| 16135 H | 189 |
| 16603 H | 295 |
| 16660 H | 295 |
| 16661 H | 295 |
| 16662 H | 295 |
| 21406 H | 186 |
| 21407 H | 186 |
| 21444 H | 127,186 |
| 21491 H | 171 |
| 21602 H | 287 |
| 21826 H | 20 |
| 22307 H | 203 |
| 23276 H | 168 |
| 25038 HA | 280 |
| 26375 H | 144 |
| 26376 H | 144 |
| 26377 H | 144 |
| 26453 HX | 144 |
| 27166 H | 129 |
| 27248 H | 286,290 |
| 27640 H | 293 |
| 28499 H | 289 |
| 28500 H | 55,287 |
| 29016 H | 55 |
| 29366 H | 182,274 |
| 29645 H | 287,295 |
| 29939 H | 291,294 |
| 29971 H | 294,295 |
| 31167 H | 20 |
| 31208 H | 23 |
| 31326 H | 226 |
| 31694 H | 140,286,290 |
| 32107 HX | 243 |
| 32308 H | 243 |
| 34315 H | 32 |
| 34321 HA | 32 |
| 36625 HA | 285 |
| 37288 H | 233 |
| 37356 H | 294 |
| 38763 H | 8 |
| 39121 H | 233,279,280 |
| 41229 H | 293 |
| 42406 HX | 160 |
| 43950 H | 127 |
| 45027 H | 289 |
| 47126 H | 236,240 |
| 47128 H | 236,240 |
| 47415 H | 19,194 |
| 47834 H | 294 |
| 48716 H | 289 |
| 49425 H | 145 |
| 50203 H | 143 |
| 50539 H | 293 |
| 64022 H | 145 |
| 64931 H | 143,148,151,290 |
| 66339 H | 293 |
| 66340 H | 293 |
| 67980 H | 120,121 |
| 68780 H | 106 |
| 75238 H | 169 |
| 77492 H | 266 |
| 84319 H | 55 |
| 91406 HA | 31,139 |
| 92473 HX | 239,240 |
| 92474 H | 235,236,239,240 |
| 98047 H | 34 |
| 98048 H | 34 |
| 98049 H | 34 |
| 98050 H | 36 |
| 98051 H | 34 |
| 98052 H | 34 |
| 102948 H | 293 |
| 104562 H | 294 |
| 130898 H | 286 |
| 134200 H | 286,290 |
| 134231 H | 143 |
| 137517 H | 36 |
| 144093 H | 34 |
| **K** | |
| 11669 K | 127 |
| **L** | |
| 12480 L | 76,79 |
| **M** | |
| M 89541 | 179,260 |
| **N** | |
| N 32202 | 129 |
| **O** | |
| O-40 | 121 |
| **PO** | |
| PO 9696 | 24,25B |

## NUMERICAL INDEX


| PART NUMBER | PAGE |
|---|---|
| **Q** | |
| Q 17 | 265,269 |
| Q 103 | 44 |
| Q 3504 | 226 |
| Q 3505 | 143 |
| Q 3615 | 20,31,33,127, 152A,175,180, 192,204,260, 263 |
| Q 3617 | 181,183,260 |
| Q 3618 | 181 |
| Q 3621 | 175,180,185 |
| Q 3625 | 129,131 |
| Q 3626 | 182,277 |
| Q 3627 | 129 |
| QA 3628 | 32 |
| Q 3657 | 25B |
| Q 3659 | 32 |
| Q 3789 | 181 |
| Q 3794 | 220,221 |
| Q 5015 | 152A |
| **R** | |
| 13061 R1 | 60 |
| 250007 R91 | 200 |
| 250009 R1 | 216 |
| 250009 R92 | 35 |
| 250014 R1 | 214 |
| 250015 R1 | 215 |
| 250255 R91 | 31,149,152A |
| 250258 R1 | 87 |
| 250266 R91 | 117 |
| 250267 R91 | 117 |
| 250268 R1 | 117 |
| 250269 R1 | 117 |
| 250272 R91 | 117 |
| 250306 R1 | 170 |
| 250339 R11 | 81 |
| 250450 R1 | 11 |
| 250451 R1 | 46 |
| 250466 R1 | 144,152A |
| 250528 R1 | 46 |
| 250535 R1 | 10 |
| 250546 R1 | 45 |
| 250547 R1 | 45 |
| 250548 R1 | 45 |
| 250550 R1 | 46 |
| 250551 R1 | 46 |
| 250604 R1 | 74,75 |
| 250605 R1 | 74,75 |
| 250607 R21 | 74,75 |
| 250608 R1 | 74,75 |
| 250610 R2 | 71,73 |
| 250617 R1 | 71,73 |
| 250670 R91 | 36 |
| 250698 R1 | 64B |
| 250700 R91 | 63,346 |
| 250701 R11 | 64 |
| 250702 R91 | 64 |
| 250704 R11 | 64 |
| 250705 R1 | 64 |
| 250706 R1 | 64 |
| 250712 R12 | 64 |
| 250755 R1 | 24 |
| 250914 R1 | 25B |
| 250952 R92 | 25B,230 |
| 250961 R11 | 151 |
| 250986 R1 | 83 |
| 250996 R1 | 83 |
| 250999 R11 | 81,346 |
| 251000 R91 | 81,346 |
| 251041 R1 | 74,75 |
| 251042 R1 | 74,75 |
| 251043 R11 | 74,75 |
| 251044 R1 | 74,75 |
| 251050 R1 | 73 |
| 251053 R91 | 23 |
| 251057 R11 | 23 |
| 251058 R91 | 23,346 |
| 251060 R1 | 21 |
| 251063 R1 | 10 |
| 251064 R1 | 11 |
| 251074 R | 10 |
| 251078 R1 | 10 |
| 251079 R92 | 74,75,347 |
| 251080 R12 | 71,347 |
| 251081 R12 | 71,347 |
| 251082 R12 | 71,347 |
| 251083 R12 | 71,347 |
| 251084 R12 | 71,347 |
| 251085 R12 | 71,347 |
| 251086 R11 | 347 |
| 251086 R91 | 71 |
| 251089 R1 | 139 |
| 251101 R92 | 35 |
| 251102 R91 | 35,347 |
| 251103 R1 | 10 |
| 251109 R11 | 34 |
| 251109 R21 | 348 |
| 251122 R11 | 8 |
| 251123 R11 | 8 |
| 251124 R11 | 8 |
| 251127 R11 | 35 |
| 251133 R1 | 36 |
| 251134 R11 | 34 |
| 251135 R1 | 34 |
| 251136 R2 | 34 |
| 251137 R11 | 10,348 |
| 251138 R11 | 10,348 |
| 251140 R1 | 36 |
| 251141 R11 | 46 |
| 251146 R1 | 35 |
| 251147 R91 | 34 |
| 251148 R2 | 35 |
| 251151 R1 | 35 |
| 251167 R1 | 46 |
| 251168 R1 | 36 |
| 251169 R1 | 36 |
| 251170 R1 | 36 |
| 251171 R1 | 36 |
| 251180 R21 | 33,35 |
| 251185 R91 | 10,348 |
| 251187 R91 | 153 |
| 251212 R1 | 11 |
| 251213 R1 | 11 |
| 251214 R1 | 9 |
| 251215 R12 | 9 |
| 251218 R11 | 9 |
| 251275 R11 | 64 |
| 251280 R11 | 17 |
| 251283 R1 | 36 |
| 251315 R11 | 45 |
| 251316 R11 | 45 |
| 251317 R1 | 45 |
| 251318 R1 | 45 |
| 251329 R1 | 46 |
| 251330 R1 | 46 |
| 251338 R91 | 23 |
| 251339 R91 | 23 |
| 251340 R91 | 23 |
| 251347 R11 | 161 |
| 251348 R91 | 161 |
| 251352 R1 | 161 |
| 251355 R91 | 159,348 |
| 251380 R91 | 161 |
| 251414 R91 | 47 |
| 251415 R92 | 64,349 |
| 251417 R91 | 27 |
| 251433 R91 | 40 |
| 251438 R91 | 40 |
| 251439 R92 | 54,55,349 |
| 251444 R11 | 53 |
| 251445 R11 | 53 |
| 251475 R91 | 349 |
| 251480 R91 | 40 |
| 251491 R91 | 98,349 |
| 251553 R1 | 54 |
| 251576 R11 | 72,159 |
| 251577 R1 | 71 |
| 251577 R11 | 157 |
| 251609 R91 | 34 |
| 251624 R11 | 180 |
| 251625 R11 | 179 |
| 251626 R1 | 181 |
| 251628 R1 | 152 |
| 251629 R11 | 154 |
| 251631 R1 | 154 |
| 251632 R11 | 217 |
| 251720 R1 | 91 |
| 251762 R1 | 31 |
| 251763 R12 | 32 |
| 251764 R91 | 31,349 |
| 251765 R91 | 18 |
| 252049 R93 | 17 |
| 252402 R9 | 119 |
| 252497 R1 | 111 |
| 252498 R1 | 109 |
| 252499 R91 | 109 |
| 252505 R91 | 117 |
| 252966 R91 | 25 |
| 252967 R91 | 25 |
| 252968 R91 | 25 |
| 252969 R91 | 25 |
| 252986 R91 | 155A |
| 252987 R91 | 155A |
| 252988 R91 | 155A |
| 252989 R1 | 96 |
| 253257 R91 | 95 |
| 253425 R1 | 109 |
| 253506 R91 | 119 |
| 253508 R1 | 124 |
| 253523 R1 | 117 |
| 253524 R91 | 87 |
| 253525 R91 | 83 |
| 253530 R11 | 88,349 |
| 253531 R1 | 88 |
| 253532 R1 | 88 |
| 253533 R1 | 88 |

## NUMERICAL INDEX


| PART NUMBER | PAGE |
|---|---|
| 253534 R1 | 88 |
| 253535 R1 | 87 |
| 253536 R1 | 88 |
| 253537 R91 | 97 |
| 253541 R91 | 94, 350 |
| 253542 R1 | 92 |
| 253543 R1 | 92 |
| 253544 R1 | 92 |
| 253545 R1 | 92 |
| 253547 R1 | 92 |
| 253548 R1 | 92 |
| 253550 R1 | 97 |
| 253551 R91 | 93,350 |
| 253553 R1 | 94 |
| 253554 R1 | 88 |
| 253555 R1 | 92 |
| 253556 R1 | 87 |
| 253557 R11 | 91 |
| 253558 R11 | 95,350 |
| 253559 R11 | 83 |
| 253560 R1 | 83 |
| 253561 R1 | 96 |
| 253562 R1 | 96 |
| 253563 R1 | 83 |
| 253564 R1 | 83 |
| 253565 R1 | 84 |
| 253566 R1 | 84 |
| 253567 R1 | 96 |
| 253568 R1 | 96 |
| 253569 R1 | 83 |
| 253570 R1 | 97 |
| 253571 R91 | 91 |
| 253575 R91 | 350 |
| 253576 R91 | 92 |
| 253577 R91 | 92 |
| 253583 R21 | 163 |
| 253703 R91 | 80 |
| 253738 R91 | 131 |
| 253931 R91 | 91,350 |
| 253932 R91 | 92,350 |
| 253983 R1 | 137 |
| 254070 R91 | 249 |
| 254071 R91 | 281 |
| 254147 R91 | 280 |
| 254148 R91 | 280 |
| 254224 R11 | 11 |
| 254225 R1 | 17 |
| 254239 R1 | 94 |
| 254240 R1 | 79,94 |
| 254242 R21 | 84,350 |
| 254264 R92 | 25B,351 |
| 254281 R1 | 36 |
| 254287 R92 | 25B,230 |
| 254411 R12 | 73,351 |
| 254412 R12 | 73,351 |
| 254413 R12 | 73,351 |
| 254414 R12 | 73,351 |
| 254415 R12 | 73,351 |
| 254416 R1 | 73 |
| 254417 R3 | 72 |
| 254418 R3 | 72 |
| 254419 R11 | 71,158 |
| 254421 R11 | 79 |
| 254422 R11 | 73,163 |
| 254423 R11 | 73 |
| 254424 R1 | 73 |
| 254480 R91 | 64B |
| 254481 R93 | 17 |
| 254451 R91 | 73 |
| 254459 R91 | 351 |
| 254474 R91 | 247 |
| 254475 R21 | 17 |
| 254481 R93 | 352 |
| 254609 R11 | 9 |
| 254621 R1 | 129 |
| 254753 R1 | 36 |
| 254834 R91 | 117 |
| 254851 R11 | 17,352 |
| 254895 R11 | 280 |
| 254896 R11 | 280 |
| 254897 R11 | 280 |
| 254899 R11 | 280 |
| 254900 R11 | 45,352 |
| 254916 R91 | 131 |
| 254924 R11 | 23 |
| 254926 R91 | 23 |
| 254933 R91 | 143 |
| 254977 R91 | 35 |
| 255003 R91 | 11 |
| 255003 R91 | 230 |
| 255009 R92 | 36 |
| 255012 R91 | 11 |
| 255013 R91 | 11 |
| 255020 R1 | 87 |
| 255021 R1 | 87 |
| 255022 R1 | 87 |
| 255029 R11 | 154 |
| 255030 R11 | 218 |
| 255031 R91 | 153 |
| 255039 R1 | 152 |
| 255043 R91 | 18 |
| 255047 R1 | 138 |
| 255053 R11 | 163 |
| 255068 R91 | 280 |
| 255069 R11 | 280 |
| 255077 R91 | 216 |
| 255082 R91 | 214 |
| 255083 R91 | 215 |
| 255098 R21 | 27 |
| 255338 R1 | 87 |
| 255363 R1 | 173 |
| 255454 R92 | 173,230 |
| 255478 R1 | 54 |
| 255479 R1 | 55 |
| 255631 R21 | 18,353 |
| 255634 R92 | 18 |
| 255635 R92 | 18 |
| 255654 R93 | 88,353 |
| 255684 R1 | 27 |
| 255715 R91 | 36,152A |
| 255738 R91 | 353 |
| 255739 R91 | 131 |
| 255740 R91 | 131,354 |
| 255741 R1 | 131 |
| 255742 R1 | 131 |
| 255743 R1 | 131 |
| 255744 R2 | 131 |
| 255745 R1 | 131 |
| 255746 R1 | 131 |
| 255747 R1 | 131 |
| 255748 R1 | 131 |
| 255749 R91 | 131 |
| 255753 R91 | 354 |
| 255754 R91 | 131 |
| 255759 R91 | 131 |
| 255762 R1 | 131 |
| 255763 R1 | 131 |
| 255764 R1 | 131 |
| 255882 R91 | 209 |
| 255883 R91 | 209 |
| 255884 R91 | 131,354 |
| 255885 R1 | 131 |
| 255886 R1 | 131 |
| 255887 R1 | 131 |
| 255888 R1 | 131 |
| 255889 R1 | 131 |
| 255890 R91 | 131 |
| 255892 R1 | 131 |
| 255893 R1 | 131 |
| 255894 R1 | 131 |
| 255895 R2 | 131 |
| 255896 R1 | 131 |
| 255897 R1 | 131 |
| 255898 R1 | 131 |
| 255902 R91 | 209 |
| 255933 R91 | 150 |
| 255977 R91 | 254 |
| 255978 R1 | 254 |
| 255979 R1 | 158 |
| 255979 R11 | 158 |
| 255985 R91 | 229 |
| 255991 R1 | 154 |
| 255998 R92 | 253 |
| 256013 R91 | 36,152A |
| 256065 R2 | 21 |
| 256091 R93 | 18 |
| 256117 R1 | 87 |
| 256189 R91 | 194,231 |
| 256196 R1 | 194 |
| 256197 R1 | 194 |
| 256258 R91 | 21,230,354 |
| 256259 R91 | 21,230,354 |
| 256260 R11 | 163 |
| 256294 R91 | 209 |
| 256295 R91 | 209 |
| 256296 R91 | 209 |
| 256297 R91 | 209 |
| 256298 R91 | 209 |
| 256299 R91 | 209 |
| 256300 R91 | 209 |
| 256301 R91 | 209 |
| 256304 R91 | 209 |
| 256305 R91 | 209 |
| 256306 R91 | 209 |
| 256307 R91 | 209 |
| 256350 R91 | 32 |
| 256355 R91 | 36 |
| 256437 R11 | 87 |
| 256468 R91 | 87,354A |
| 256600 R91 | 253 |
| 256631 R91 | 167,230,344, 354A |
| 256647 R91 | 87 |
| 256699 R91 | 19 |
| 256763 R91 | 155 |
| 256790 R91 | 181 |
| 256801 R91 | 24 |
| 256833 R1 | 23 |
| 256845 R1 | 25B |
| 256846 R1 | 25B |
| 256847 R1 | 25B |
| 256848 R1 | 25B |
| 256863 R1 | 139 |
| 256868 R1 | 139 |
| 256873 R1 | 25A |
| 256874 R1 | 25 |
| 256875 R1 | 25 |
| 256876 R1 | 25A |
| 256877 R1 | 25A |
| 256878 R1 | 25 |
| 256879 R1 | 25 |
| 256880 R1 | 25A |
| 256885 R1 | 25A |
| 256886 R1 | 25 |

# NUMERICAL INDEX


| PART NUMBER | PAGE |
|---|---|
| 256887 R1 | 25 |
| 256888 R1 | 25A |
| 256898 R91 | 25A |
| 256899 R91 | 25A |
| 256900 R91 | 25 |
| 256901 R91 | 24 |
| 256902 R91 | 25A |
| 256903 R91 | 25A |
| 256904 R91 | 25 |
| 256905 R91 | 24 |
| 256910 R91 | 25A |
| 256911 R91 | 25A |
| 256912 R91 | 25 |
| 256913 R91 | 24 |
| 256918 R11 | 166 |
| 256919 R11 | 166 |
| 256979 R91 | 98,354B |
| 257049 R91 | 183,231,354B |
| 257135 R91 | 84,354B |
| 258206 R91 | 35 |
| 257207 R91 | 35 |
| 257208 R11 | 34 |
| 257209 R91 | 34 |
| 257210 R1 | 34 |
| 257211 R1 | 35 |
| 257212 R1 | 35 |
| 257213 R11 | 35 |
| 257214 R1 | 35 |
| 257215 R91 | 35 |
| 257216 R1 | 35 |
| 257616 R11 | 151,165 |
| 257617 R22 | 151,176A,354B |
| 257618 R22 | 151,176A,354B |
| 257619 R1 | 176A |
| 257620 R1 | 176A |
| 257621 R1 | 176A |
| 257622 R2 | 176A |
| 257623 R1 | 176A |
| 257624 R1 | 176A |
| 257625 R1 | 176A |
| 257626 R1 | 176A |
| 257633 R91 | 28 |
| 257645 R91 | 98,354C |
| 257867 R91 | 64 |
| 258052 R1 | 74 |
| 258220 R91 | 25B |
| 258270 R91 | 35,354C |
| 258274 R91 | 25B |
| 258275 R11 | 35 |
| 258344 R1 | 11 |
| 258417 R2 | 27 |
| 258511 R91 | 21 |
| 258537 R91 | 281 |
| 258562 R91 | 128 |
| 258564 R1 | 131 |
| 258565 R1 | 131 |
| 258575 R91 | 267 |
| 258634 R91 | 150 |
| 258830 R91 | 98,354D |
| 258836 R91 | 23 |
| 258999 R92 | 55 |
| 259453 R91 | 155A |
| 259480 R91 | 61,64 |
| 259485 R91 | 61,63 |
| 259490 R91 | 64,230,354D |
| 259491 R91 | 354D |
| 259492 R91 | 62,64,230 |
| 259525 R1 | 27 |
| 259494 R91 | 155A |
| 259595 R1 | 140 |
| 259596 R1 | 140 |
| 259598 R1 | 140 |
| 259599 R91 | 140 |
| 259600 R1 | 140 |
| 259603 R1 | 140 |
| 259604 R1 | 140 |
| 259607 R91 | 140 |
| 259608 R11 | 140 |
| 259609 R1 | 140 |
| 259610 R91 | 140 |
| 259611 R1 | 140 |
| 259612 R11 | 140 |
| 259619 R91 | 140 |
| 259633 R91 | 63,354E |
| 259712 R91 | 155A |
| 260699 R1 | 64B |
| 260700 R1 | 64B |
| 260701 R1 | 64B |
| 260702 R1 | 64B |
| 260702 R11 | 354E |
| 260703 R1 | 64B |
| 260704 R1 | 64B |
| 260705 R1 | 64B |
| 260706 R91 | 64B |
| 260707 R1 | 64B |
| 260709 R1 | 64B |
| 260710 R1 | 64B |
| 260711 R1 | 163A |
| 260712 R91 | 64B,354E |
| 260736 R11 | 163A |
| 260737 R11 | 163A |
| 260738 R11 | 163A |
| 260838 R11 | 163A |
| 260839 R1 | 64B |
| 260906 R11 | 163A |
| 260910 R91 | 64,230,354E |

## S

| | |
|---|---|
| S-363-1/2 | 147 |
| SA 3215 | 203 |

## ST

| | |
|---|---|
| ST 201 | 274 |
| ST 202 | 263,267,270,274 |
| ST 205 | 32 |
| ST 205 A | 179 |
| ST 207 | 33,92 |
| ST 208 | 77 |
| ST 208 A | 79 |
| ST 213 | 77,79,244 |
| ST 219-Y | 170 |
| ST 221 | 265,266,269 |
| ST 223 | 168 |
| ST 225 | 88 |
| ST 227 | 168A |
| ST 228 | 168 |
| ST 240 | 127 |
| ST 259 | 95 |
| ST 260 | 277 |
| ST 261 | 88,92 |
| ST 262 | 33,34 |
| ST 264 | 169 |
| ST 265 | 275 |
| ST 269 | 168A,169 |
| ST 273 | 128,168 |
| ST 274 | 168 |
| ST 276 | 191 |
| ST 278 | 169,266,270,273 |
| ST 279 | 274 |
| ST 286 | 88 |
| ST 297 | 266 |
| ST 302 | 127,131 |
| ST 307 | 60 |
| ST 333 | 181 |
| ST 335 | 168A |
| ST 336 | 189 |
| ST 338 | 189 |
| ST 369 | 34 |
| ST 600 | 59 |
| ST 601 | 59 |
| ST 602 | 58 |

## T

| | |
|---|---|
| 1924 T | 55 |
| 2058-3/4 T | 37 |
| 2583 T | 220 |
| 2584 T | 220 |
| 2587 T | 220 |
| 2588 T | 220 |
| 3741 T | 129 |
| 4167 T | 37,44,52,58,276 |
| 5312 T #3 | 27 |
| 5569 T | 287 |
| 6220 T | 166 |
| 6403 T | 277 |
| 7220 T | 77,165 |
| 7225 T | 241 |
| 8522 T | 33,92 |
| 9982 T | 31,62,64B,73,159 |

## TM

| | |
|---|---|
| 7699 TM | 146,147,267 |

## U

| | |
|---|---|
| U 14284 | 249,250 |

## V

| | |
|---|---|
| 10430 V | 127,182 |
| 10439 V | 289 |
| 10439 VA | 289 |
| 10690 V | 169,266,270,273 |
| 10691 V | 242 |
| 10765 V | 40 |
| 10789 V | 289 |
| 10815 V | 290 |
| 10815 VA | 285 |
| 11251 V | 295 |
| 11294 V | 277 |
| 12331 VA | 238 |
| 23007 V | 11,37,44,165 |
| 41513 V | 168 |
| 43222 VA | 31,38 |
| 50941 V | 88 |
| 51344 V | 161 |
| 52745 V | 88,102,110,117,118,119,120,124,226 |
| 61175 V | 186 |

## W

| | |
|---|---|
| W 16210 | 33 |

## Y

| | |
|---|---|
| 1627 Y | 140,218,286,290,291 |
| 2853 Y | 11 |


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# Order IH Parts for Replacements

Satisfactory and efficient service in the operation of any machine is endangered by the use of inferior parts, as cheap parts invariably mean short life and high cost.

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TC-22C. 4-16-48.

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