

INTRODUCTION

This catalog contains a complete list of service parts for the TD-15 (150 Series) and the TD-15 (151 Series) Crawler Tractors. These tractors have a 6-Cylinder 4-5/8 x 5-1/2 inch diesel engine.

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

This catalog is designed into a new double-column page format, and is divided into four separate sections --- Introductory pages, Indexes to Units; Illustrations and Parts Lists, and Numerical Index.

(1) INDEXES. Two types of indexes are employed herein. The Index to Units for a specific classification will list alphabetically all of the units comprising the classification and will direct the user of the catalog to the page where the illustration and parts list may be found. A Numerical Index at the back of the catalog contains a listing of part numbers (excluding standard fasteners) with the page number showing where each part is listed and described.

NOTE - It is important that you refer frequently to the Index to Units. Failure to do so will result in not being able to locate the proper unit.

(2) ILLUSTRATIONS. The method of illustrating parts in this catalog is known as the "Exploded View" method. The individual parts in each illustration are shown in their normal relationship to one another. Reference numbers only are shown in each illustration. These numbers correspond with numbers in the reference number column in the accompanying list of parts preceding or following the illustration. Unnumbered parts are the same as corresponding parts with reference numbers shown elsewhere in the illustration.

CAUTION: Reference numbers should not be used when ordering parts. Always use IH part numbers or description when ordering.

(3) METHOD OF LISTING. The parts list of each classification is divided into units. Parts are listed in order according to reference number shown in the illustration, followed by a full description based upon the "noun first" method. The noun name of the part is listed first then the modifying descriptive information which serves to specifically identify the item. For example: SHAFT w/PLUG, 49 950 D and two PLUG, 172 530, valve lever. Parts not shown in illustrations appear at end of list in alphabetical sequence by noun name. Parts listed will work on all units covered in this catalog unless a serial number or other qualifying designation is given for purpose of identification.

Throughout this catalog the term "Front" indicates the radiator end and "Rear" indicates the drawbar end of the unit. Whenever the terms

"Right" or "Left" are used it should be understood to mean from a rear position looking toward the radiator end.

MANUFACTURERS PART NUMBERS ARE LISTED IN BRACKETS FOLLOWING THE DESCRIPTION OF THE PART.

In the new double-column catalog format the single "No. Req'd" column is eliminated and the quantity used of each item is shown in parenthesis (4) following the description of the item. Where no quantity is indicated it should be understood to mean that only one (1) is required.

In many units it was possible to remove the multiple "Number Required" column. The number required information is shown in parenthesis (2 for Unit A, 3 for Unit B) following the description of the item. When a unit letter (Unit A) is shown without a quantity it should be understood to mean only one (1) is required per unit. Letters of these units correspond with those shown at the beginning of the individual parts list or at the beginning of a group comprising several minor parts lists.

(4) ASSEMBLIES AND ATTACHMENTS. Where ever possible the component parts of assemblies or attachments are shown in the "exploded views" by use of boxes, brackets or arrows. Component parts of assemblies or attachments are listed by one of the following methods.

(a) The listings are fully covered by descriptions for simple assemblies and attachments.

(b) When four or more parts are contained in the assemblies or attachments the listing of components immediately follows the description with the wording "(Composed of-)".

(c) Assemblies or attachments consisting of many parts shows the assembly or attachment number at the beginning of the unit list, followed by the listing of the components.

Exceptions to the above methods are explained by footnotes in the text.

Individual parts of an assembly which are not available for service are marked with a symbol §. In some instances, such parts are listed with a notation giving the information which is to be used for ordering.

(5) PART NUMBERS. The policy governing part numbers is outlined in the pamphlet "What is a Parts Number?" which has been distributed throughout the company operations.

(6) MISCELLANEOUS PARTS. In a great many instances, parts which appear in an "Exploded View" --- such as standard bolts, screws, nuts, etc. --- are not identified by a reference number. These parts are known as COMMON HARDWARE

INTRODUCTION - Continued

items and appear in abbreviated nomenclature and are shown indented under the major items with which they are used. They should be ordered as listed, since they are not component parts of the pieces they attach. Hardware parts identified with part numbers have been designed for a specific usage. Standard hardware parts should not be substituted for them.

WARNING: Attaching parts especially made for their location should never be substituted with regular standard parts.

The following rules are established to govern the listing of attaching parts:

The part number for Common Hardware items is eliminated. However, Design Hardware items will continue to be listed by part number and description.

All Carriage, Machine and Plow **BOLTS**; **NUTS**, and Cap, Machine and Set **SCREWS** will be considered furnished with National Coarse Thread unless otherwise specified. The number of threads per inch will be eliminated.

All **NUTS** will be considered "hex." unless otherwise specified.

All **WASHERS** will be considered "Plain" unless otherwise specified. The "ID", "OD" and "No." identity will be eliminated. The inside dimension will be listed first, followed by the outside diameter and the thickness.

All **LOCK WASHERS** will be considered "Medium" type unless specified as "Light" or "Heavy".

All **COTTER PINS** will be considered "Extended-Prong" type unless otherwise specified.

All **GROOV PINS** will be considered "Standard-Groove" unless otherwise specified.

All **COMMON RIVETS** will be considered "Annealed" unless otherwise specified.

All **COUNTERSUNK-HEAD TUBULAR RIVETS** will be considered "Copper-Plated Steel" unless otherwise specified.

All **OVAL-HEAD TUBULAR RIVETS** will be considered "Brass".

Standard bolts used in International Harvester Products are manufactured under standards known as Unified National Coarse Thread (U. N. C.) and Unified National Fine Thread (U. N. F.) with the number of threads per inch for various diameters as shown in the following column:

Diameter of Bolt	No. of Threads per inch (U. N. C.)	No. of Threads per inch (U. N. F.)
1/4"	20	28
5/16"	18	24
3/8"	16	24
7/16"	14	20
1/2"	13	20
9/16"	12	18
5/8"	11	18
3/4"	10	16
7/8"	9	14
1"	8	14
1-1/8"	7	12
1-1/4"	7	12
1-3/8"	6	12
1-1/2"	6	12

(7) **ABBREVIATIONS.** The abbreviations used in this catalog are explained in the list of abbreviations on page 4.

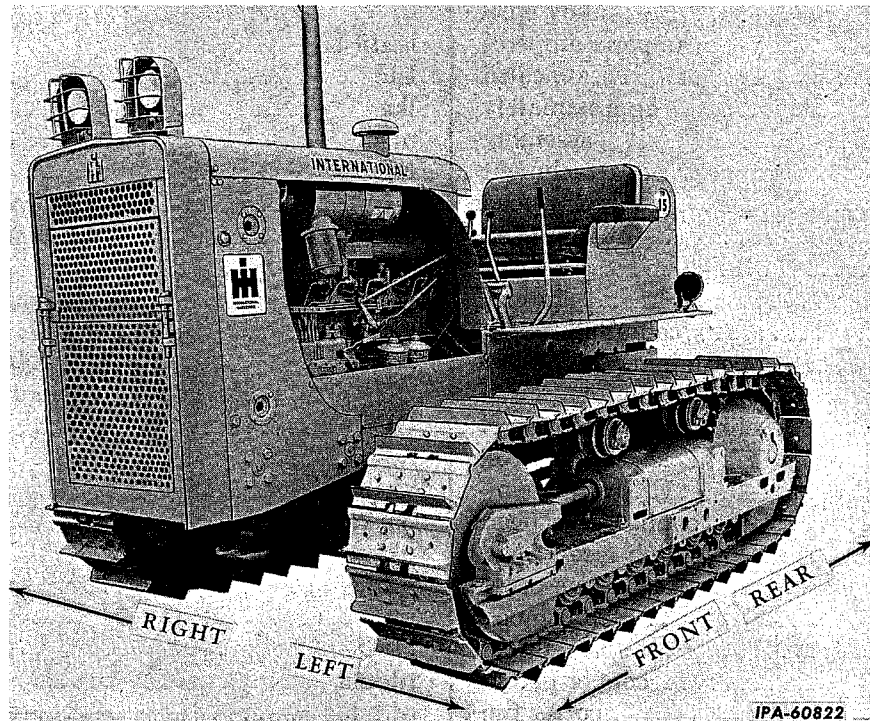
(8) **SERIAL NUMBERS AND LETTERS.** Follows is a list of prefixes and letters that precede the serial numbers for these tractors.

<u>Crawler Tractor</u>	<u>Engine Serial Prefix</u>	<u>Basic Engine Serial Prefix</u>	<u>Chassis Serial Prefix</u>
TD-15 (150 Series)	TD-150M	BSD-554	TD-150
TD-15 (151 Series)	TD-151M	BSD-554	TD-151

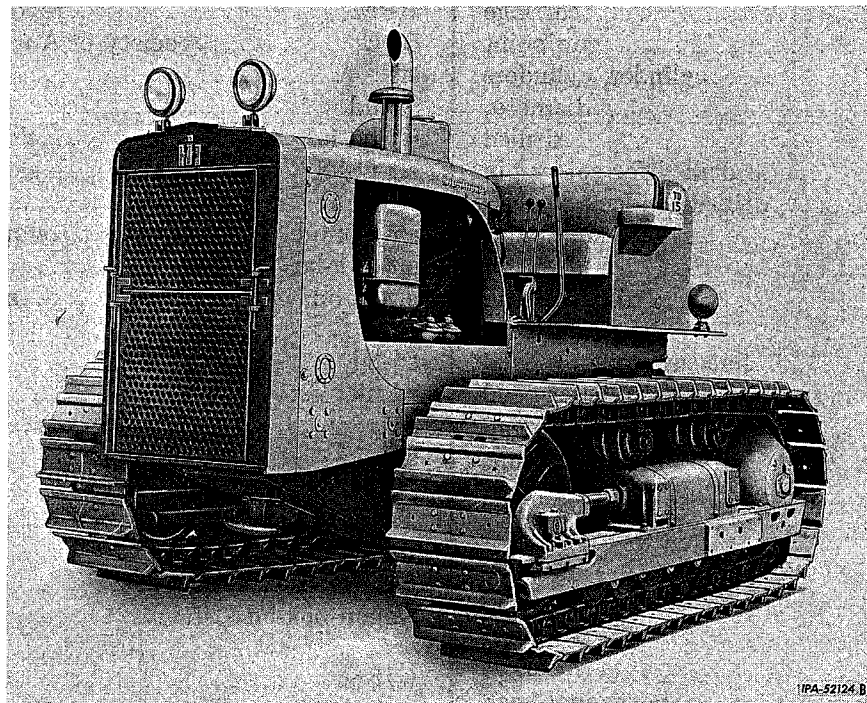
Engine serial number for TD-15 (150 Series) Crawler Tractor starts with TD-150M-501. Engine serial number for TD-15 (151 Series) Crawler Tractor starts with TD-151M-4001. Serial number for Basic Service Engine start with BSD-554-501. Serial numbers for Basic engines and engines of these crawler tractors are stamped on a pad on the left side of the engine crankcase, above and to the left of the Injection Pump, preceded by model designation BSD-554 or TD-150M or TD-151M.

Chassis or crawler tractor serial numbers for TD-15 (150 Series) start with TD-150-501. Chassis or crawler tractor serial numbers for TD-15 (151 Series) start with TD-151-4001. Serial numbers for these crawler tractors 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 be urged to supply the engine and chassis serial numbers, including model prefix and suffix letters when ordering parts.



TD-15-151 Series tractor equipped with crankcase guard and front pull hook, radiator guard, headlights and rear light attachments.



TD-15-150 Series tractor equipped with crankcase guard and front pull hook, radiator guard, headlights and rear light attachments.

LIST OF ABBREVIATIONS

A period after the abbreviation is used only when the abbreviation form spells a common English word.

al	aluminum	in.	inch or inches
aly-stl	alloy steel	lb	pound, pounds
amp	ampere, amperes	lentil-hd	lentil head
anl	annealed	LH	left hand
approx	approximately	lkg	locking
assy	assembly	mach	machine
att	attachment	MI	malleable iron
bd-hd	binding head	NC	National Coarse Thread
b-hd	button head	NF	National Fine Thread
brs	brass	ni	nickel
brz	bronze	ni-pltd-stl	nickel plated steel
cd-pltd	cadmium plated	No.	number
cd-pltd-stl	cadmium plated steel	NPT	National pipe thread
cr-pltd	chromium plated	OC	outside circumference
cr-pltd-stl	chromium plated steel	OD	outside diameter
CI	cast iron	ov-hd	oval head
csk	countersunk	oz	ounce
csk-hd	countersunk head	parkerized-stl	parkerized steel
cl-rec-hd	clutch recess head	pkg	package
cone-pt	cone point	pltd	plated
contd	continued	pt	point
cop	copper	PTO	power take-off
cop-pltd	copper plated	rd-end	round end
c-pin	cotter pin	rd-hd	round head
cres	corrosion-resistant-steel (stainless)	rd-pt	round point
cr-rec-hd	cross recess head	reg	regular
cre	corrosion resisting	RH	right hand
crg	carriage	RPM	revolutions per minute
cup-pt	cup point	SAE	Society of Automotive Engineers
cyl	cylinder, cylinders	sf	semi-finished
dia	diameter	slt-hd	slotted head
dld	drilled	slt-bd-hd	slotted binding head
dld-f/c-pin	drilled for cotter pin	slt-fil-hd	slotted fillister head
dld-f/lkg-wire	drilled for locking wire	slt-f-hd	slotted flat head
dog-pt	dog point	slt-hex-hd	slotted hexagon head
f/	for	slt-pan-hd	slotted pan head
fil-hd	fillister head	slt-rd-hd	slotted round head
fin-nk	fin neck	sq	square
f-csk-hd	flat countersunk head	sq-hd	square head
f-fil-hd	flat fillister head	sq-nk	square neck
f-hd	flat head	std	standard
f-pt	flat-point	std-hd	standard head
flex	flexible	stl	steel
ft	foot (or feet)	T	teeth
ga	gauge	thd	thread
hd	head	unfin	unfinished
hdls	headless	wagon-box-hd	wagon box head
hex.	hexagon	w/	with
hex-hd	hexagonal-head	w/brz	with bronze
hex-soc-hd	hexagon socket head	w/hex.	with hexagon
hp	horsepower	w/o	without
hv	heavy	zn	zinc
ID	inside diameter	zn-ct	zinc coated
		zn-pltd	zinc plated

INDEX TO UNITS

DESCRIPTION	Page	DESCRIPTION	Page
CLUTCH		ELECTRICAL SYSTEM	
Clutch, over-center engine (15") (Rockford) (hand operated).....	78	Box, battery.....	64
Controls, clutch (hand operated).....	77	Brackets and Swivels, headlight and rear light....	61
COOLING SYSTEM		Cables, spark plugs.....	53
Belt, fan.....	45	Coil, ignition.....	51
Fan		Distributor, battery ignition.....	51
Blower.....	45	Generator (Delco-Remy).....	53, 54
Suction.....	45	Generator, high output.....	64
Frame, radiator mounting.....	39	Guard, headlight brush.....	61
Guard		Guard, rear light brush.....	61
Fan.....	41	Guard, tail light.....	60
Radiator (TD-15-150 Series).....	40	Light, tail.....	60
Radiator (TD-15-151 Series).....	40	Light, auxiliary, rear.....	60
Manifold, water outlet.....	44	Light, dash.....	63
Package, radiator guard conversion.....	41	Light, headlight and rear	
Pump, water.....	45	Guide Lamp.....	66
Radiator (TD-15-150 Series).....	34	Hobbs.....	65
Radiator (TD-15-151 Series).....	36	United Specialties.....	64
Shutter, radiator (TD-15-150 Series).....	42	Lighter, cigarette.....	63
Shutter, radiator (TD-15-151 Series).....	43	Lighting, electrical (battery ignition).....	67
Tank, radiator auxiliary (TD-15-150 Series).....	38	Meter, electrical hour (Hobbs).....	62
Thermostat		Motor, cranking.....	56, 58
Thermostat (165°—180°F.) (standard) (not high temperature range).....	45	Plug, spark.....	53
Thermostat (175°—190°F.) (high temperature range).....	45	Regulator, voltage (Delco-Remy).....	55
DASH, ENGINE CONTROLS, INSTRUMENTS AND INSTRUMENT PANEL		Regulator, voltage (high output).....	55
Controls, engine.....	80	Starting, electrical (battery ignition).....	67
Dash.....	80	Switch	
Instruments.....	81	Battery ignition lock.....	52
Panel, instrument.....	81	Battery ignition push-pull.....	52
DRAWBAR AND FRONT PULL HOOKS		Lighting.....	62
Drawbar		Starting.....	63
Rigid.....	88	ENGINE	
Swinging.....	87	Camshaft.....	14
Hook		Cover, front.....	13
Rigid.....	88	Crankcase.....	12
Swivel.....	88	Crankshaft.....	15
		Damper, vibration.....	15
		Exhaust System	
		Manifold, intake.....	19
		Muffler, exhaust.....	17, 18
		Flywheel.....	15
		Guard, crankcase.....	17
		Head, cylinder.....	10

INDEX TO UNITS — Continued

DESCRIPTION	Page	DESCRIPTION	Page
ENGINE — Continued		HYDRAULIC SYSTEM	
Pistons.....	15	Booster, hydraulic.....	128
Rods, connecting.....	15	Lines, hydraulic control.....	129
Sleeves, cylinder.....	16	Package, hydraulic booster seals field service.....	129
Starting Mechanism.....	20	Pump, hydraulic (Webster).....	126
Supports, engine		Tanks, hydraulic reservoir.....	130
Front.....	13	LUBRICATING SYSTEM	
Rear.....	12	Filter, oil	
Valves.....	10	Lubricating (Full Flow).....	48
FINAL DRIVE		Pan, crankcase oil.....	47
Drive, sprocket.....	97	Pump, lubricating oil.....	47
Pinion, sprocket.....	97	MAIN FRAME	
Shaft, sprocket drive.....	97	Channel, main frame side.....	84
Shaft, track frame pivot.....	97	Cover, main frame.....	82
Shield, sprocket drive housing.....	99	Frame, main.....	82
Sprocket.....	97	Spring, equalizer (56" and 74" gauge).....	85
Sprocket, Cut-away.....	98	(62" gauge).....	86
Tubes, Vent		SHEET METAL, FENDERS, PLATFORMS AND SEAT	
Sprocket drive.....	95	Fenders.....	93
Transmission.....	95	Hood, Heavy (TD-15-150 Series).....	91
FUEL SYSTEM		Hood, Heavy (TD-15-151 Series).....	92
Bracket, air cleaner.....	19	Platforms.....	93
Carburetor.....	22	Seat.....	93
Cleaner, air (not dry type) (TD-15-150 Series).....	25	Sheets	
Cleaner, air (dry type) (TD-15-151 Series).....	26	Door, hood side.....	90
Combustion System		Engine side.....	89
Connections		Hood.....	89
Injection, fuel.....	29	Shield, heat.....	89
Pump, fuel.....	30	Supports, seat.....	93
Chambers, pre-combustion.....	24	STEERING SYSTEM	
Gear, injection pump.....	30	Brakes, steering.....	70
Nozzles, injection.....	24	Clutch, steering.....	75
Pipes, injection.....	29	Controls	
Pump, IH twin plunger fuel injection.....	24	Brake, steering.....	70
Connections, air cleaner.....	25	Clutch, steering.....	72
Extension, air cleaner pipe (TD-15-150 Series).....	25	Gear, drive, bevel.....	76
Filter, fuel.....	33	Shaft, steering clutch release.....	75
Filter, watch dog fuel.....	32	TRACK DRIVE	
Piping, fuel tank.....	31	Brace, track frame diagonal.....	100
Pre-Cleaner (collector type) (Donaldson)		Chain, track	
Plastic body (TD-15-150 Series).....	27	(TD-15-150 Series).....	105
Primer, chevron pressure.....	28	(TD-15-151 Series).....	106
Strainer			
Fuel.....	31		
Gasoline.....	31		
Tank			
Fuel.....	31		
Gasoline.....	31		
Trap, water.....	33		

INDEX TO UNITS — Continued

DESCRIPTION	Page	DESCRIPTION	Page
TRACK DRIVE — Continued		Fan	
Frame and Spring, track	101	Blower	45
Frame, rigid extended track	112	Suction	45
Guide, track frame	84	Fan, outboard	
Idlers		TD-15-150 Series	140
Front (large diameter)	104	TD-15-151 Series	141
Front (not large diameter)	104	Filter, watch dog fuel	32
Track	105	Gasket Sets, assorted	
Rollers, track	109	Crankcase	146
Rollers and Shaft, track frame guide	84	Cylinder head	146
Shield, track roller		Guard, fan	41
(TD-15-150 Series)	107	Guard, radiator	
(TD-15-151 Series)	108	TD-15-150 Series	40
Shoes, track	114	TD-15-151 Series	40
Spring, track	101	Hood, heavy	
TRANSMISSION		TD-15-150 Series	91
Cooler, oil	123	TD-15-151 Series	92
Filter, oil	121	Hook, front pull	
Power take-off	120	Rigid	88
Pulley, belt	119	Swivel	88
Shifter mechanism, gear	115	Hourmeter	62
Transmission, full reverse	117	Idler, large diameter front	104
TURBO-CHARGER		Lighter, cigarette	63
Piping, turbo-charger	49	Lubricators	
Turbo-charger	50	Gun (type)	135
MISCELLANEOUS EQUIPMENT, ATTACHMENTS, PRODUCT GRAPHICS AND GASKET PACKAGES		Tank (type)	136, 138, 140
Box, tool (21-in.)	131	Member, driven (bi-metallic)	77
Cap, exhaust rain	131	Oil Cooler, transmission	123
Chain, track (with shoes)	106	Oil Filter, transmission	121
Compensation, altitude		Power Take-Off	120
TD-15-150 Series	142	Pre-Cleaner	27
TD-15-151 Series	143	Primer, Chevron pressure	28
Cooling, increased		Product Graphics	145
TD-15-150 Series	144	Pulley, belt	119
TD-15-151 Series	145	Shield, sprocket drive housing	99
Decelerator	132	Shield, track roller	
Door, hood side	90	TD-15-150 Series	107
		TD-15-151 Series	108
		Shutter, radiator	
		TD-15-150 Series	40
		TD-15-151 Series	40
		Switch, ignition lock	52
		Thermostat, high temperature range	45
		Tools	
		Tools (standard)	135
		Tool set (17 tools and tool box)	135
		Tool set (43 tools and tool box)	133
		EQUIPMENT COMBINATIONS	
		Index to Equipment Combinations	147

BASIC SERVICE ENGINE

332 225 R91 ENGINE, Basic Service Diesel

(Consists of —

Cylinder Head, Valves, Valve Cover
and Starting Valve Mechanism

Crankcase, Front Cover, Camshaft
and Related Parts

Crankshaft and Related Parts, Con-
necting Rods, Pistons and Sleeves

Crankcase Oil Pan and Lubricating
Oil Pump)

REPLACEMENT SERVICE ENGINE

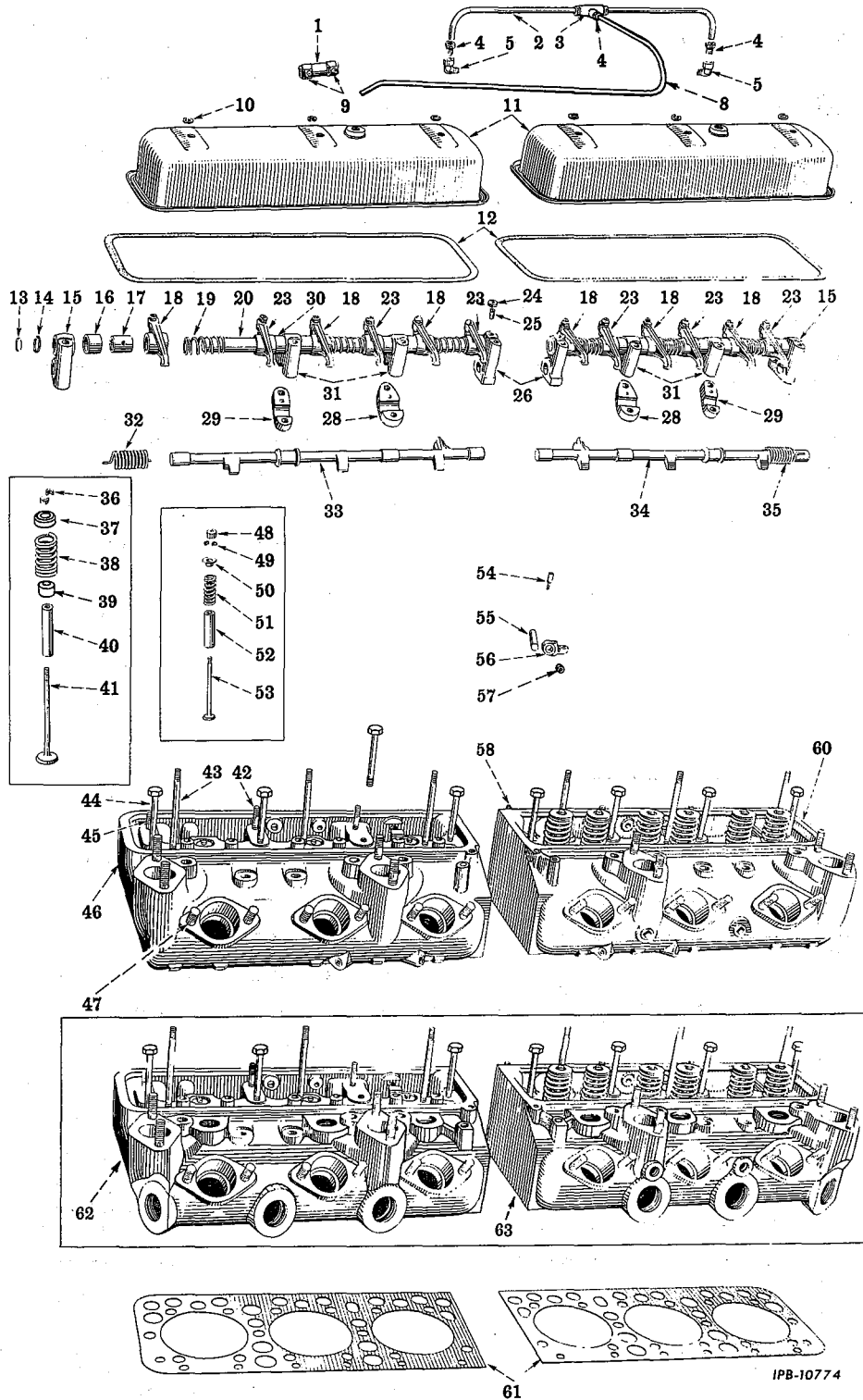
305 275 R91 ENGINE, replacement (diesel engine com-
plete from Water Pump to Flywheel
inclusive)

DIESEL ENGINE

CYLINDER HEADS, VALVES, STARTING VALVES AND VALVE MECHANISM

DIESEL ENGINE

CYLINDER HEADS, VALVES, STARTING VALVES AND VALVE MECHANISM - CONTINUED



DIESEL ENGINE

REF. NO.	I.H. PART NUMBER	DESCRIPTION
CYLINDER HEADS, VALVES, STARTING VALVES AND VALVE MECHANISM - CONTINUED		
1	251 226 R1	HOSE, cylinder head breather tube (TD-150M-501 to 4000)
2	252 627 R1	TUBE, cylinder head breather (2) (TD-150M-501 to 4000)
3	252 628 R1	TEE, cylinder head breather tube (TD-150M-501 to 4000)
4	278 953 R91	NUT, cylinder head breather restriction elbow and tee (5) (TD-150M-501 to 4000)
5	37 323 D	ELBOW, cylinder head breather restriction (2) (TD-150M-501 to 4000)
8	304 206 R1	TUBE, cylinder head breather (TD-150-501 to 4000)
9	251 227 R91	CLAMP, cylinder head breather tube hose (will work for 274 085 R91) (2) (TD-150-501 to 4000)
10	340 092 R1	WASHER, valve cover nut (6)
11	252 611 R11 444 734	COVER, valve (2) PLUG, pipe (2)
12	252 621 R1	GASKET, valve cover (2)
13	172 530	PLUG, 11/16" expansion (4)
14	49 950 D	RING, valve lever shaft retainer (2)
15	8 110 D	BRACKET, valve lever end (2) 3/8" NF NUT (2) 3/8" lock WASHER (2)
16	252 598 R1	SPACER, valve lever (long) (4)
17	46 225 DA	BUSHING, LH intake and exhaust valve lever (6)
17	46 225 DA	BUSHING, RH intake and exhaust valve lever (6)
18	46 223 DBX	LEVER w/SCREW, 16 067 DA, NUT, 133 093 R1 and BUSHING, 46 225 DA, LH intake and exhaust valve (6)
19	16 045 D	SPRING, valve lever (6)
20	262 536 R11	SHAFT w/RING, 49 950 D and two PLUG, 172 530, valve lever (2)
23	46 224 DBX	LEVER w/SCREW, 16 067 DA, NUT, 133 093 R1 and BUSHING, 46 225 DA, RH intake and exhaust valve (6)
24	133 093 R1	NUT, valve lever adjusting screw (12)
25	16 067 DA	SCREW, valve lever adjusting (12)
26	252 602 R1	BRACKET, valve lever center 5/16" jam NUT (2) 3/8" NF NUT (2) 5/16 x 3/4" cup-pt. hdls. set screw (2)
28	252 604 R1	BRACKET, inner intermediate valve lever (lower half) (2)
29	8 104 D	BRACKET, outer intermediate valve lever (lower half) (2)
30	252 597 R1	SPACER, valve lever (short) (6)
31	262 537 R1	BRACKET, intermediate valve lever (upper half) (4) 3/8NF NUT (8) 3/8" lock WASHER (on short studs only) (4)
32	250 582 R1	SPRING, front starting valve shaft

DIESEL ENGINE

REF. NO.	I.H. PART NUMBER	DESCRIPTION
CYLINDER HEADS, VALVES, STARTING VALVES AND VALVE MECHANISM - CONTINUED		
33	252 606 R21	SHAFT, front starting valve
34	252 607 R21	SHAFT, rear starting valve
35	250 583 R1	SPRING, rear starting valve shaft
36	48 057 D	KEY, exhaust and intake valve spring seat (24)
37	273 165 R93	ROTATOR, positive valve (12)
38	61 808 D	SPRING, exhaust and intake valve (12)
39	297 583 R1	DEFLECTOR, valve oil (6)
40	6 608 DR	GUIDE, exhaust and intake valve (12)
41	48 053 DE	VALVE, intake (6)
41	252 593 R6	VALVE, exhaust (6)
42	46 200 D	STUD, intermediate valve lever bracket (4)
43	252 589 R1	STUD, valve cover (6)
44	318 112 R1	BOLT, 3/8 x 3-1/2" hex-hd. (8)
45	32 445 D	STUD, valve lever bracket (short) (2)
46	252 571 R81	HEAD w/STUD and GUIDE ASSEMBLY, front cylinder (not used with jet type cooling system) (TD-150M 501 to 4000, TD-151M 4001 to 4383) (Composed of - 6 GUIDE 6 608 DR 3 GUIDE 8 744 DR §1 HEAD 3 PLUG 143 997 3 PLUG 143 999 3 PLUG 264 057 R1 6 STUD 251 064 R1 8 STUD 250 450 R1 3 STUD 41 633 D 2 STUD 46 200 D 1 STUD 32 445 D 3 STUD 252 589 R1)
47	251 064 R1	STUD, injection nozzle (12)
48	250 535 R1	COVER, starting valve spring (6)
49	46 209 D	KEY, starting valve spring collar (12)
50	46 208 D	SEAT, starting valve spring (6)
51	46 211 D	SPRING, starting valve (6)
52	8 744 DR	GUIDE, starting valve (6)
53	252 595 R1	VALVE, starting (6)
54	42 739 DA	PIN, starting valve operating lever (2) 1/4NF NUT (2) 1/4" lock WASHER (2)
55	252 609 R1	SHAFT, starting valve operating (2)
56	260 943 R2	LEVER, starting shaft operating (2)
57	264 530 R91	OIL SEAL, starting valve operating shaft (optional with 271 597 R91)
57	271 597 R91	OIL SEAL, starting valve operating shaft (optional 264 530 R91)
58	250 450 R1	STUD, manifold (16)

DIESEL ENGINE

REF. NO.	I. H. PART NUMBER	DESCRIPTION
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CYLINDER HEADS, VALVES, STARTING VALVES AND VALVE MECHANISM - CONTINUED

60	252 572 R81	HEAD w/STUD and GUIDE ASSEMBLY, rear cylinder (not used with jet type cooling system) (TD-150M 501 to 4000, TD-151M 4001 to 4383) (Composed of - 6 GUIDE 6 608 DR 3 GUIDE 8 744 DR §1 HEAD 1 PLUG 116 566 3 PLUG 143 997 3 PLUG 143 999 3 PLUG 264 057 R1 6 STUD 251 064 R1 8 STUD 250 450 R1 3 STUD 41 633 D 2 STUD 46 200 D 1 STUD 32 445 D 3 STUD 252 589 R1)
61	252 575 R1	GASKET, cylinder head (2) (TD-150M 501 to 4000, TD-151M 4001 to 4383)
61	321 022 R1	GASKET, cylinder head (2) (TD-151M 4384 up)
62	318 141 R11	HEAD w/STUD and GUIDE ASSEMBLY, front cylinder (used with jet type cooling system) (TD-151M 4384 up) (Composed of - 6 GUIDE 6 608 DR 3 GUIDE 8 744 DR §1 HEAD 4 PLUG 444 677 3 PLUG 264 057 R1 3 PLUG 271 848 R1 1 STUD 32 445 D 3 STUD 41 633 D 2 STUD 46 200 D 8 STUD 250 450 R1 6 STUD 251 064 R1 3 STUD 252 589 R1 §6 TUBE)
63	318 142 R11	HEAD w/STUD, and GUIDE ASSEMBLY, rear cylinder (used with jet type cooling system) (TD-151M 4384 up) (Composed of - 6 GUIDE 6 608 DR 3 GUIDE 8 744 DR §1 HEAD 4 PLUG 444 677 3 PLUG 264 057 R1 3 PLUG 271 848 R1 1 STUD 32 445 D 3 STUD 41 633 D 2 STUD 46 200 D 8 STUD 250 450 R1 6 STUD 251 064 R1 3 STUD 252 589 R1 §6 TUBE)
261 342 R91	GASKET SET, cylinder head (not used with jet type cooling system) (Composed of - 2 GASKET 251 727 R2 2 GASKET 251 729 R2 2 GASKET 252 575 R1 4 GASKET 252 612 R2 2 GASKET 252 616 R2 1 GASKET 252 617 R2 2 GASKET 252 621 R1 2 SEAL 254 753 R1 6 WASHER 62 866 D)	

DIESEL ENGINE

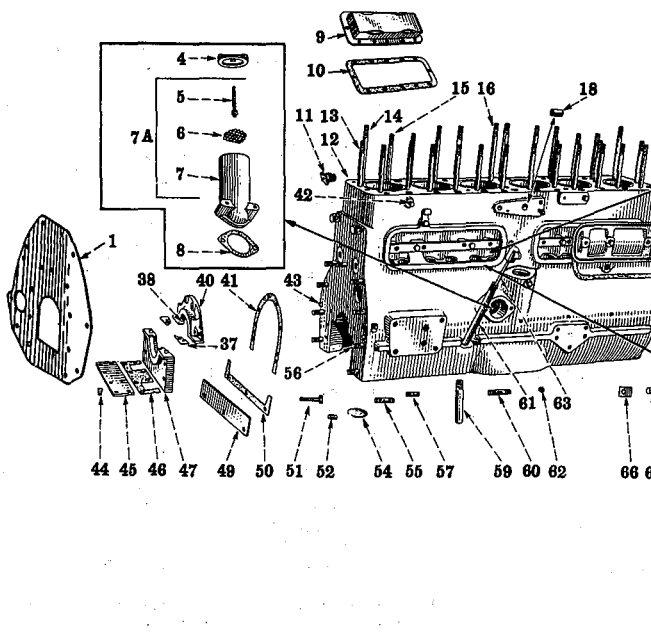
REF. NO.	I. H. PART NUMBER	DESCRIPTION
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CYLINDER HEADS, VALVES, STARTING VALVES AND VALVE MECHANISM - CONTINUED

332 659 R91	GASKET SET, cylinder head (used with jet type cooling system) (Composed of - 2 GASKET 250 550 R1 2 GASKET 251 727 R2 2 GASKET 251 729 R2 4 GASKET 252 612 R2 2 GASKET 252 616 R2 1 GASKET 252 617 R2 2 GASKET 252 621 R1 1 GASKET 276 463 R1 2 GASKET 321 022 R1 2 SEAL 254 753 R1 6 WASHER 340 092 R1)	
61 316 DA	NUT, cylinder head stud (30)	
322 048 R91	PACKAGE, jet head cooling field service improvement (TD-150M 501 to 4000, TD-151M 4001 to 4383) (Composed of - 2 GASKET 321 022 R1 1 HEAD 318 141 R11 1 HEAD 318 142 R11 1 PACKAGE 349 012 R91 1 PAMPHLET, installation 1 014 916 R1 1 PUMP 318 230 R91)	
349 012 R91	PACKAGE, miscellaneous parts for jet head cooling field service improvement (part of PACKAGE, 322 048 R91, also required for basic service engine when ordered for units below serial number TD-151M 4383) (Composed of - 2 CLAMP 274 089 R91 1 GASKET 251 717 R2 1 HOSE 48 918 DA 1 PIPE 320 341 R1 2 PLUG 444 794 14 PLUG 444 776 2 SCREW, 3/8 x 1-7/8" hex-hd cap 1 SCREW, 1/2 x 1-3/8" hex-hd cap 2 SCREW, 1/2 x 2" hex-hd cap 1 SCREW, 1/2 x 2-1/4" hex-hd cap 1 STUD 259 184 R1 2 WASHER, 3/8" lock 4 WASHER, 1/2" lock)	
103 874	PLUG, 1/2" csk-hdls pipe (heat indicator opening)	
103 875	PLUG, 3/4" csk-hdls pipe (6)	
116 566	PLUG, 1/2" csk-hdls pipe (cab heater opening)	
143 997	PLUG, 1/4" csk-hdls pipe (6) (TD-150M 501 to 4000, TD-151M 4001 to 4383)	
143 999	PLUG, 3/4" csk-hdls pipe (6) (TD-150M 501 to 4000, TD-151M 4001 to 4383)	
444 677	PLUG, 1-11-1/2" NPT auto sq-soc pipe (8) (TD-151M 4384 up)	
264 057 R1	PLUG w/DRY SEAL, 1-1/4" csk-hdls pipe (6)	
271 848 R1	PLUG, 3/4" sq-soc-hd pipe (6) (TD-151M 4384 up)	
258 424 R1	SPACER, cylinder head stud (2)	
41 633 D	STUD, engine water outlet (6)	
		§ - Not Furnished Separately

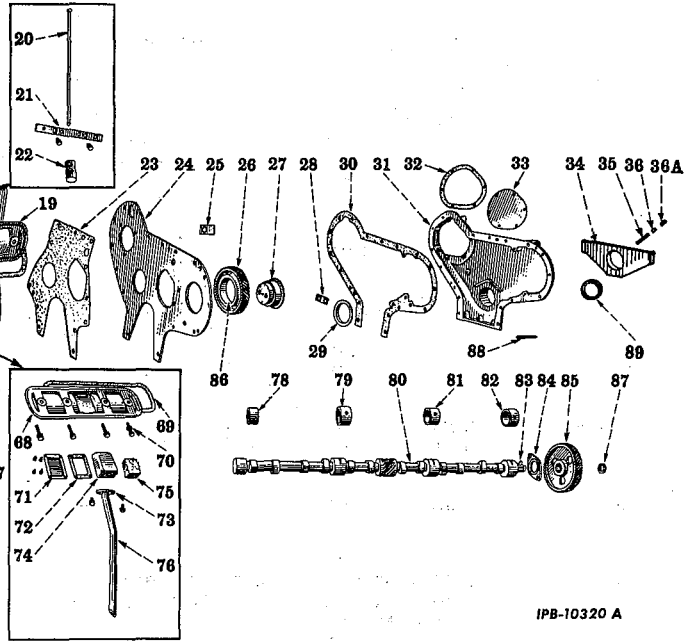
DIESEL ENGINE

CRANKCASE, FRONT COVER, FRONT ENGINE SUPPORT, CAMSHAFT AND RELATED PARTS



DIESEL ENGINE

CRANKCASE, FRONT COVER, FRONT ENGINE SUPPORT, CAMSHAFT AND RELATED PARTS - CONTINUED




IPB-10320 A

REF. NO.	I. H. PART NUMBER	DESCRIPTION
1	304 074 R1	SUPPORT, rear engine 5/8" NUT (9) 5/8" lock WASHER (9)
4	4 819 D	CAP, oil filler
5	28 940 DA	STUD, oil filler 3/8" NUT
6	50 411 D	SCREEN, oil filler
7	250 885 R1	BODY, oil filler
7A	250 885 R11	BODY w/SCREEN, 50 411 D, and STUD, 28 940 DA, oil filler
8	250 886 R2	GASKET, oil filler body
9	276 422 R11	HEADER, water (front) 5/16 x 7/8" hex-hd. cap SCREW (11) 5/16" NUT 5/16" lock WASHER (12)
9	276 426 R1	HEADER, water (rear) 5/16 x 7/8" hex-hd. cap SCREW (12) 5/16" lock WASHER (12)
10	252 029 R3	GASKET, water header (2)
11	31 729 D	COCK, crankcase water jacket drain
12	267 637 R41	CRANKCASE ASSEMBLY (less SLEEVES and PISTONS) (TD-150M 501 to 4000, TD-151M 4001 to 4383) (Composed of - 1 BEARING 252 005 R1 1 BEARING 252 007 R1 1 BEARING 252 009 R1 1 BEARING 252 011 R1 2 BUSHING 50 827 DA 5 CAP 308 004 R1


REF. NO.	I. H. PART NUMBER	DESCRIPTION
12	267 637 R41	CRANKCASE ASSEMBLY (less SLEEVES and PISTONS) (TD-150M 501 to 4000, TD-151M 4001 to 4383) - Continued (Composed of - continued 1 CAP 308 005 R1 1 CAP 308 006 R1 1 CORK 104 942 §1 CRANKCASE 2 DOWEL 52 605 D 2 DOWEL 25 086 DA 1 DRAWING, crank- case rework IZG 5608 1 PIN 50 826 D 1 PLUG 103 865 1 PLUG 172 580 7 PLUG 50 410 DA 5 PLUG 261 317 R2 1 PLUG 268 403 R1 1 PLUG 268 443 R1 4 PLUG 332 139 R1 16 SCREW 276 963 R1 1 SLEEVE 250 887 R1 1 STUD 37 788 DM 18 STUD 47 981 DA 9 STUD 49 952 D 6 STUD 52 790 D 1 STUD 53 643 D 4 STUD 252 012 R1 2 STUD 254 267 R1 1 STUD 264 377 R1 1 STUD 272 799 R1 16 WASHER 252 018 R1) 104 942 CORK, No. 6 (3/4" dia x 15/16" long) 103 865 PLUG, 1/8" sq-hd pipe (CI) 172 580 PLUG, 1-7/8" expansion 261 317 R2 PLUG, 2-1/8" expansion (5) 332 139 R1 PLUG, cork hole (4) SCREW, 5/16 x 5/8" hex-hd cap WASHER, 5/16" internal tooth lock

§ - Not Furnished Separately.


DIESEL ENGINE

REF. NO.	I.H. PART NUMBER	DESCRIPTION
CRANKCASE FRONT COVER, FRONT ENGINE SUPPORT, CAMSHAFT AND RELATED PARTS - CONTINUED		
12	318 173 R11	CRANKCASE ASSEMBLY (less SLEEVES and PISTONS) (TD-151M 4384 up) (Composed of -
	1	BEARING 252 005 R1
	1	BEARING 252 007 R1
	1	BEARING 252 009 R1
	1	BEARING 252 011 R1
	2	BUSHING 50 827 DA
	5	CAP 308 004 R1
	1	CAP 308 005 R1
	1	CAP 308 006 R1
	2	CORK 104 942
	§1	CRANKCASE
	2	DOWEL 52 605 D
	2	DOWEL 25 086 DA
	1	DRAWING, crankcase rework IZG-5608
	1	PIN 50 826 D
	1	PLUG 103 865
	7	PLUG 50 410 DA
	1	PLUG 261 317 R2
	1	PLUG 268 403 R1
	1	PLUG 268 443 R1
	4	PLUG 332 139 R1
	16	SCREW 276 963 R1
	1	SLEEVE 250 887 R1
	18	STUD 47 981 DA
	8	STUD 49 952 D
	6	STUD 52 790 D
	1	STUD 53 643 D
	4	STUD 252 012 R1
	2	STUD 254 267 R1
	1	STUD 259 184 R1
	1	STUD 264 377 R1
	1	STUD 272 799 R1
	16	WASHER 252 018 R1)
104 942		CORK, No. 6 (3/4" dia x 15/16" long) (2)
103 865		PLUG, 1/8" sq-hd pipe (CI)
261 317 R2		PLUG, 2-1/8" expansion
332 139 R1		PLUG, cork hole (4)
13	47 981 DA	STUD, cylinder head (short) (18)
14	52 790 D	STUD, cylinder head (long) (6)
15	252 012 R1	STUD, cylinder head (intermediate) (4)
16	254 267 R1	STUD, cylinder head (long) (2)
18	50 827 DA	BUSHING, cross shaft (2)
19	252 021 R1	PLATE, push rod chamber side (front) 3/8 x 1-3/4" hex-hd. cap SCREW (4)
20	47 933 DXA	ROD, push valve (optional with 261 120 R91) (12)
20	261 120 R91	ROD, push valve (optional with 47 933 DXA) (12)
21	252 020 R2	STOP, valve tappet (2) (TD 150 M 501 to 4000, TD-151 M 4001 to 4383) 3/8 x 5/8" hex-hd. cap screw (4) 3/8" lock WASHER (4)
22	50 951 D	TAPPET, valve (12)
23	252 039 R2	GASKET, crankcase front plate (TD-150M 501 to 2962)
23	312 705 R1	GASKET, crankcase front plate (TD-150M 2963 to 4000) (TD-151M-4001 Up)
24	304 086 R11	PLATE w/LOCK, 46 250 D and NUT, 264 723 R1, crankcase front (TD-150M 501 to 2962)
24	312 703 R11	PLATE w/LOCK, 46 250 D and NUT, 264 723 R1, crankcase front (TD-150M-2963 to 4000) (TD-151M-4001 Up) 3/8 x 1" hex-hd. cap SCREW (3)

§ - Not Furnished Separately


DIESEL ENGINE

REF. NO.	I.H. PART NUMBER	DESCRIPTION
CRANKCASE, FRONT COVER, FRONT ENGINE SUPPORT, CAMSHAFT AND RELATED PARTS - CONTINUED		
25	46 250 D	LOCK, crankcase front plate cap screw 3/16 x 3/8" rd-hd. RIVET
26	252 037 R92	GEAR w/BUSHING, 258 577 R1, idler (TD-150M 501 to 2962)
26	312 707 R11	GEAR w/BUSHING, 312 823 R1, idler (TD-150M-2963 to 4000) (TD-151M-4001 Up)
27	250 900 R1	SHAFT, idler gear (TD-150M-501 to 2962) 1/2 x 2-3/4" hex-hd. cap SCREW (2)
27	312 706 R1	SHAFT, idler gear (TD-150M-2962 to 4000) (TD-151M-4001 Up) 1/2 x 3" hex-hd. cap SCREW (2)
28	250 901 R1	LOCK, idler gear shaft bolt
29	46 129 D	DEFLECTOR, crankshaft front oil seal
30	252 041 R2	GASKET, crankcase front cover
31	304 087 R11	COVER w/DEFLECTOR, 46 129 D and POINTER, 304 088 R1, crankcase front 1/2 x 1" hex-hd. cap SCREW 3/8 x 1" hex-hd. cap SCREW (7) 3/8 x 1-3/8" hex-hd. cap SCREW (9) 3/8" lock WASHER (16) 1/2" lock WASHER
32	48 143 DC	GASKET, fuel pump gear cover
33	48 142 D	COVER, fuel pump gear 5/16 x 1/2" hex-hd. cap SCREW (6) 5/16" lock WASHER (6) 11/32 x 11/16 x No. 16 ga. flat WASHER (6)
34	274 442 R11	SUPPORT w/COUPLING, 187 394, FITTING, 109 461 and NIPPLE, 118 938, front engine 5/8 x 2-3/4" hex-hd. cap SCREW (2) 5/8" lock WASHER (2)
35	118 938	NIPPLE, 1/8 x 4" pipe
36	187 394	COUPLING, 1/8" pipe (stl.) (optional with 144 074)
36	144 074	COUPLING, 1/8" pipe (brass) (optional with 187 394)
36A	109 461	FITTING, front engine support lubrication (Lincoln No. 5000) (optional with 138 322 H)
36A	138 322 H	FITTING, front engine support lubrication (Alemite No. 1610 BL) (optional with 109 461)
37	271 702 R1	GASKET, crankshaft rear oil seal retainer (center) (between halves) (2)
38	271 703 R92	SEAL, crankshaft rear oil (2)
40	271 700 R1	RETAINER, crankshaft rear upper oil seal 3/8 x 3-3/4" hex-hd. cap SCREW (2) 3/8 x 1-1/2" hex-hd. cap SCREW (6) 3/8" lock WASHER (4)
41	252 032 R3	GASKET, crankshaft rear oil seal retainer
42	50 826 D	PIN, cross shaft return spring
43	25 086 DA	DOWEL, rear engine support (2)
44	268 770 R2	PLUG, crankcase oil seal retainer plate felt (2)
45	252 033 R1	PLATE, crankcase oil seal retainer 3/8 x 1" hex-hd. cap SCREW (4) 3/8" lock WASHER (4)
46	252 034 R1	GASKET, crankcase oil seal retainer plate

§Not Furnished Separately
X - As Required.



DIESEL ENGINE

REF. NO.	I.H. PART NUMBER	DESCRIPTION
CRANKCASE, FRONT COVER, FRONT ENGINE SUPPORT, CAMSHAFT AND RELATED PARTS - CONTINUED		
47	271 701 R1	RETAINER, crankshaft rear lower oil seal 3/8 x 1-1/2" hex-hd. cap SCREW (4) 3/8" lock WASHER (4)
49	46 136 D	SEAL, crankcase rear dust 3/8NF x 3/4" hex-hd cap SCREW (3) 3/8" lock WASHER (3)
50	46 137 D	GASKET, crankcase rear dust seal
51	276 963 R1	SCREW, crankshaft bearing cap (16)
52	252 018 R1	WASHER, crankshaft bearing cap stud nut (16)
54	172 593	PLUG (2-1/8") crankcase rear camshaft bearing expansion
55	53 643 D	STUD, cross shaft latch bracket
56	49 952 D	STUD, rear engine support (9 for CRANKCASE, 267 637 R41, 8 for CRANKCASE, 318 173 R11)
56	264 377 R1	STUD, rear engine support (for CRANKCASE, 318 173 R11)
57	272 799 R1	STUD, crankcase water manifold
59	252 655 R1	PIPE, oil level gauge
60	37 788 DM	STUD, water pump (TD-150M 501 to 4000, TD-151M 4001 to 4383)
60	259 184 R1	STUD, water pump (TD-151M 4384 up)
61	250 887 R1	SLEEVE, oil level gauge
62	50 410 DA	PLUG, crankcase oil header pipe (6)
63	304 084 R11	GAUGE w/WING NUT oil level
66	354 489 R1	LOCK, crankcase front plate cap screw (3)
67	52 605 D	DOWEL, crankcase front cover (2)
68	252 023 R1	PLATE, push rod chamber side (rear) 3/8 x 1-3/4" hex-hd. cap SCREW (4)
69	252 022 R2	GASKET, push rod chamber side plate (2)
70	340 092 R1	WASHER, push rod chamber side plate cap SCREW (8)
71	59 480 DA	BAFFLE, breather TD-150M 501 to 4000, TD-151M 4001 to 4553 (order 1 BAFFLE, 312 892 R1 and 1 ELEMENT, 312 893 R1)
71	312 892 R1	BAFFLE, breather TD-151M 4554 up
72	59 481 DB	GASKET, breather body (2)
73	59 484 D	FLANGE, breather pipe 5/16 x 7/8" hex-hd. tapping SCREW (2 required when 9 258 DCX is used) (2) 5/16 x 1" hex-hd. tapping SCREW (2 required when 265 926 R91 is used) (2) 5/16" lock WASHER (2)
74	265 926 R91	BODY, breather (die cast) (optional with 9 258 DCX) No. 10 x 5/8" hex-hd. self-tapping SCREW (4) 5/16 x 1" hex-hd. self-tapping SCREW (2)
74	9 258 DCX	BODY, breather (gray iron) (optional with 265 926 R91) No. 10 x 1/2" rd-hd. mach. SCREW (4) 5/16 x 7/8" hex-hd. cap SCREW (2) 5/16" lock WASHER (2) No. 10 lock WASHER (4)
75	59 482 D	ELEMENT, breather TD-150M 501 to 4000, TD-151M 4001 to 4553 (order 1 BAFFLE, 312 892 R1 and 1 ELEMENT, 312 893 R1)
75	312 893 R1	ELEMENT, breather TD-151M 4554 up



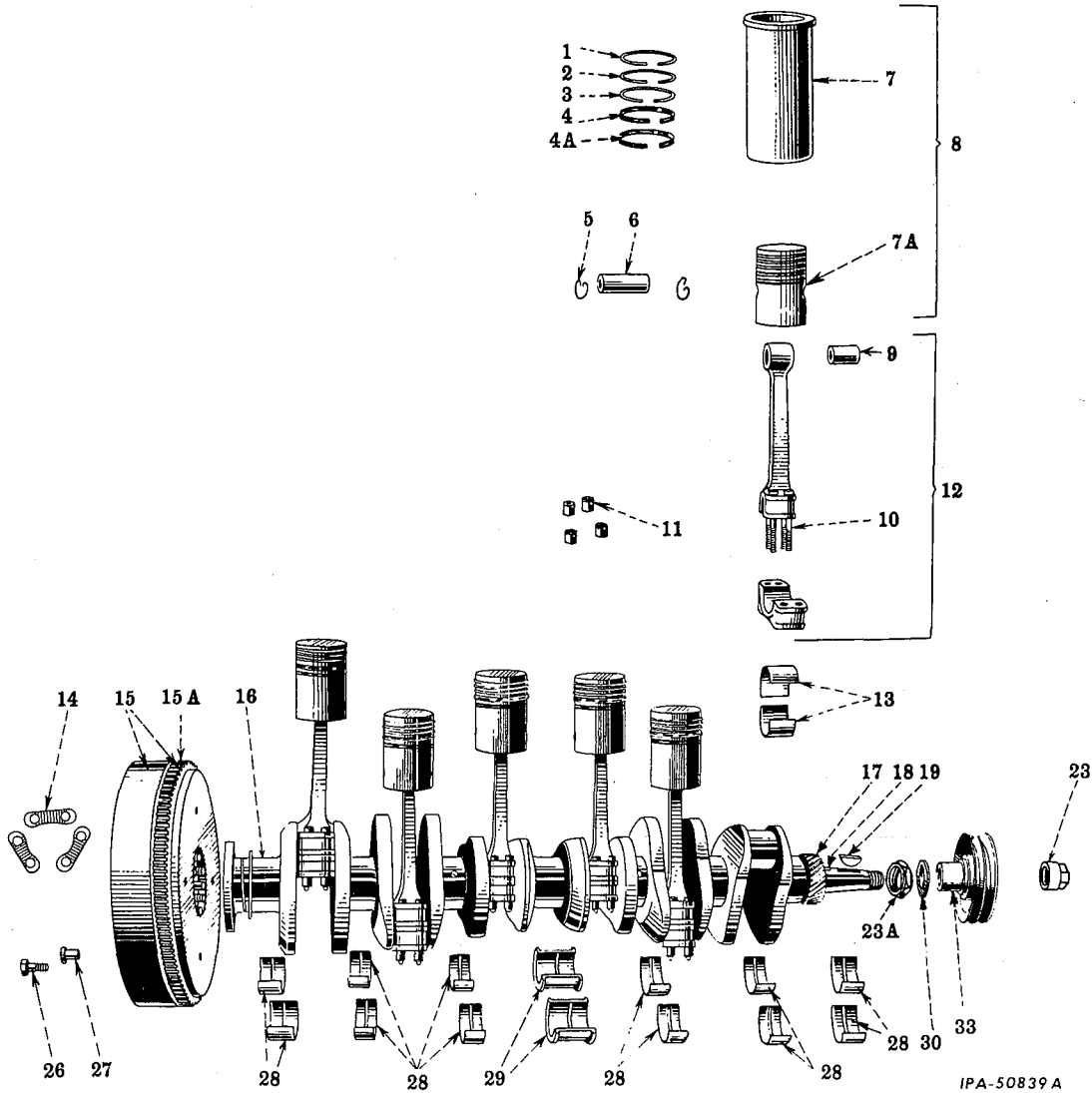
DIESEL ENGINE

REF. NO.	I.H. PART NUMBER	DESCRIPTION
CRANKCASE, FRONT COVER, FRONT ENGINE SUPPORT, CAMSHAFT AND RELATED PARTS - CONTINUED		
76	252 024 R21	PIPE, breather
78	252 011 R2	BEARING, rear camshaft
79	252 009 R1	BEARING, No. 3 camshaft
80	251 669 R3	CAMSHAFT
81	252 007 R1	BEARING, No. 2 camshaft
82	252 005 R1	BEARING, front camshaft
83	124 557	KEY, 5/16 x 1-1/8" camshaft gear (Woodruff)
84	250 683 R1	PLATE, camshaft thrust 3/8 x 1" hex-hd. cap SCREW (2) 3/8" lock WASHER (2)
85	259 433 R2	GEAR, camshaft (54 T)
86	258 557 R1	BUSHING, idler gear (TD-150M-501 to 2962)
86	312 823 R1	BUSHING, idler gear (TD-150M-2963 to 4000) (TD-151M-4001 Up)
87	255 630 R1	NUT, camshaft gear
88	304 088 R1	POINTER, timing
89	264 534 R91	OIL SEAL, crankshaft front (optional with 258 511 R91)
89	258 511 R91	OIL SEAL, crankshaft front (optional with 264 534 R91)
	62 863 D	BOLT, rear engine support dowel (2) 5/8" NUT (2)
	308 004 R1	CAP, crankshaft front and intermediate bearing (Nodular iron) (will work for 256 851 R3) (5)
	308 005 R1	CAP, crankshaft rear bearing (Nodular iron) (will work for 256 849 R3)
	308 006 R1	CAP, crankshaft center bearing (Nodular iron) (will work for 256 850 R4)
	362 120 R1	CLIP (2) (mount (1) on rear lower bolt of rear water header cover and (1) on rear lower bolt of front water header cover)
	264 723 R1	NUT, spline
	172 593	PLUG, 2-1/8" expansion
	268 403 R1	PLUG, front oil gallery pipe
	268 443 R1	PLUG, rear oil gallery pipe
	50 410 DA	PLUG, crankcase pipe
	45 976 D	SHIM, front engine support (heavy) (x)
	45 977 D	SHIM, front engine support (light) (x)
		WIRE, 16 ga. crankshaft front, intermediate and rear bearing cap locking (order 278 027 R1)
	278 027 R1	WIRE, bulk locking (16 ga.) (customer must specify length required) (X)
X - As Required		



DIESEL ENGINE

CRANKSHAFT AND RELATED PARTS CONNECTING
RODS, PISTONS, SLEEVES AND FLYWHEEL



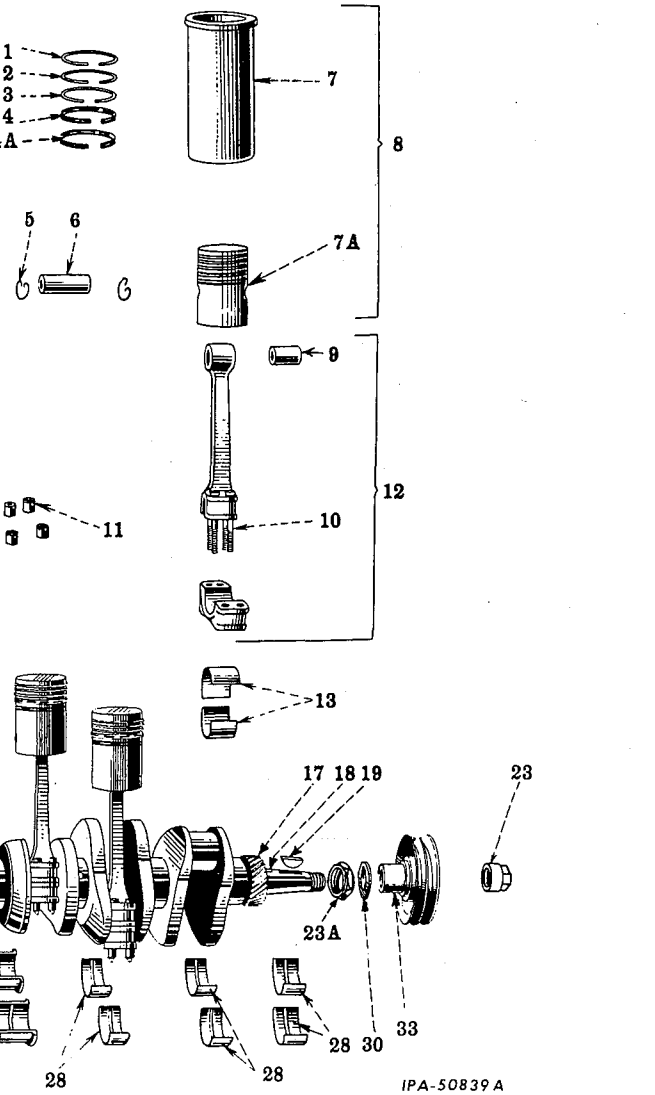
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REF. NO.	I. H. PART NUMBER	DESCRIPTION
1	305 120 R1	RING, .0935 thick tapered piston compression, (first groove) (Perfect Circle No. 29A319) (6)
2	305 119 R1	RING, .1240 thick piston compression, (second groove) (Perfect Circle No. 29A292) (6)
3	305 119 R1	RING, .1240 thick piston compression, (third groove) (Perfect Circle No. 29A292) (6)
4	319 885 R1	RING, .2490 thick piston upper oil retainer, (Perfect Circle No. 77396) (will work for 305 117 R1) (6)
4A	305 118 R1	RING, .2490 thick piston lower oil retainer, (Perfect Circle No. 72B496) (6)



DIESEL ENGINE

CRANKSHAFT AND RELATED PARTS, CONNECTING
RODS, PISTONS, SLEEVES AND FLYWHEEL - CONTINUED



REF. NO.	I. H. PART NUMBER	DESCRIPTION
5	31 194 H	RING, piston pin retainer (12)
6	264 045 R1	PIN, piston (standard) (6)
6	264 046 R1	PIN, piston (.005 oversize) (6)
7	304 999 R1	SLEEVE, cylinder ("SS" marking) (standard) (6)
7	320 274 R1	SLEEVE, cylinder (.0025 oversize) (6)
7	323 981 R1	SLEEVE, cylinder (.010 oversize) (6)
7A	304 919 R1	PISTON ("SS" marking) (6)
8	304 924 R91	SLEEVE SET (Consists of six SLEEVE w/PISTON and RING, 304 923 R91)
8	304 923 R92	SLEEVE w/PISTON and RING ASSEMBLY, cylinder (6)
9	47 640 DR	BUSHING, connecting rod (6)

DIESEL ENGINE

REF. NO.	I.H. PART NUMBER	DESCRIPTION
CRANKSHAFT AND RELATED PARTS,CONNECTING RODS, PISTONS, SLEEVES AND FLYWHEEL - CONTINUED		
10	251 683 R3	BOLT, connecting rod (used with NUT, 1 832 YA) (24) (TD-150M 501 to 4000) (TD-151M 4001 to 4005)
10	319 916 R11	BOLT w/NUT, 19 763 R1, connecting rod (24) (TD-151M 4006 up)
11	1 832 YA	NUT, connecting rod bolt (used with BOLT, 251 683 R3) (24) (TD-150M 501 to 4000) (TD-151M 4001 to 4005)
11	19 763 R1	NUT, connecting rod bolt (part of BOLT ASSEMBLY, 319 916 R11) (24) (TD-151M 4006 up)
12	251 674 R12	ROD and CAP ASSEMBLY, connecting (6)
13	251 684 R31	BEARING, connecting rod (2 halves) (standard) (6)
13	263 138 R21	BEARING, connecting rod (2 halves) (.002 undersize) (6)
13	251 685 R31	BEARING, connecting rod (2 halves) (.030 undersize) (6)
13	332 298 R11	BEARING, connecting rod (2 halves) (.010 undersize) (6)
13	332 299 R11	BEARING, connecting rod (2 halves) (.020 undersize) (6)
14	24 943 DA	LOCK, flywheel bolt (3)
15	303 535 R11	FLYWHEEL w/ring GEAR, 50 315 DB
15A	50 315 DB	GEAR, flywheel ring (146T)
16	318 409 R91	CRANKSHAFT ASSEMBLY (standard) (Composed of - 6 BEARING 251 684 R31 6 BEARING 256 109 R94 1 BEARING 258 898 R91 §1 CRANKSHAFT 2 PIN 250 754 R1)
16		CRANKSHAFT (renewal) (order PACKAGE, 260 080 R94)
17	260 071 R2	GEAR, crankshaft (27T)
18	117 977	KEY, 5/16 x 1" crankshaft
19	277 057 R1	KEY, fan drive pulley
23	263 191 R2	NUT, crankshaft
23A	307 966 R1	NUT, crankshaft gear (will work for 263 129 R1)
26	304 072 R1	BOLT, flywheel (6)
27	250 754 R1	PIN, flywheel dowel (2)
28	256 109 R94	BEARING, front, rear, and intermediate crankshaft (2 halves) (standard) (6)
28	263 137 R91	BEARING, front, rear, and intermediate crankshaft (2 halves) (.002" undersize) (6)
28	332 341 R91	BEARING, front, rear and intermediate crankshaft (2 halves) (.010" undersize) (6)
28	332 346 R91	BEARING, front, rear and intermediate crankshaft (2 halves) (.020" undersize) (6)
28	256 112 R94	BEARING, front rear, and intermediate crankshaft (2 halves) (.030" undersize) (6)
29	258 901 R41	BEARING, center crankshaft (2 halves) (.030" undersize)
29	258 898 R41	BEARING, center crankshaft (2 halves) (standard)

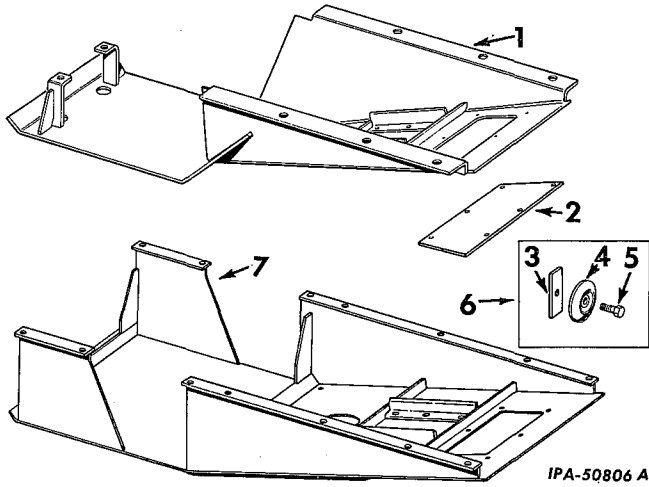
DIESEL ENGINE

REF. NO.	I.H. PART NUMBER	DESCRIPTION
CRANKSHAFT AND RELATED PARTS,CONNECTING RODS, PISTONS, SLEEVES AND FLYWHEEL - CONTINUED		
29	263 134 R21	BEARING, center crankshaft (2 halves) (.030" undersize)
29	332 343 R91	BEARING, center crankshaft (2 halves) (.010" undersize)
29	332 348 R91	BEARING, center crankshaft (2 halves) (.020 undersize)
30	260 072 R1	FLINGER, oil crankshaft
33	303 245 R91	DAMPER, w/FAN DRIVE PULLEY, vibration (TD-150M 501 to 3193)
33	317 717 R91	DAMPER w/FAN DRIVE PULLEY, vibration (TD-150M 3194 up)
	104 092	CORK, flywheel (No. 6 standard #2 grade) (9/16 x 3/4" x 15/16") (X)
	260 080 R94	PACKAGE, crankshaft undersize (renewal) field service (consists of CRANKSHAFT w/six connecting rod BEARING, seven crankshaft BEARING and two PIN, 250 754 R1)
	304 922 R91	RING SET, piston (Perfect Circle) (consists of eighteen compression and twelve oil retainer RING)
	332 018 R1	SHIM, cylinder sleeve (.004" thick) (for use with SLEEVE, 304 999 R1 or 320 274 R1) (X)
		X - As Required. § - Not Furnished Separately.



DIESEL ENGINE

CRANKCASE GUARD



REF. NO.	I. H. PART NUMBER	DESCRIPTION
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⊗ - KEY TO UNITS

- A - 304 293 R92 ATTACHMENT, crankcase guard (Not high ground clearance) (See NOTE)
- B - 304 294 R91 ATTACHMENT, crankcase guard (high ground clearance) (used with Equipment Combination Drott Rigid Track Loader) (See NOTE)

⊗ - Letters of these units correspond with those shown following the description of the parts in the list below and identifies the unit for which the part is used. Items without letters after the description indicates the part is used for all units.

1	304 296 R21	GUARD, crankcase (not high ground clearance) (Unit A) 3/4 x 1-1/2" hex-hd. cap SCREW (10)
2	320 571 R1	COVER, crankcase guard access hole (will work for 275 479 R1) 1/2 x 1-1/8" hex-hd. cap SCREW (6) 1/2" lock WASHER (6)
3	42 877 DB	SUPPORT, oil drain hole cover
4	5 977 DA	COVER, oil drain hole (order 67 574 DC)
5		SCREW, 1/2 x 1-1/4" oil drain hole cover
6	67 574 DC	COVER ASSEMBLY, screw oil drain hole
7	304 298 R21	GUARD, crankcase (high ground clearance) (Unit B) 3/4 x 1-1/2" hex-hd. cap SCREW (14)

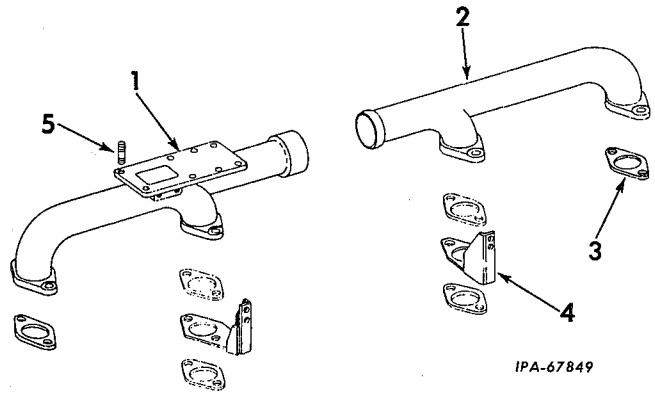
NOTE: Factory Application - Order on Machine Order Form.
Field Application - Order through Regular Service Parts Channels.



DIESEL ENGINE

EXHAUST SYSTEM

EXHAUST MANIFOLDS
(for machines equipped with Altitude Compensation Attachments)



REF. NO.	I. H. PART NUMBER	DESCRIPTION
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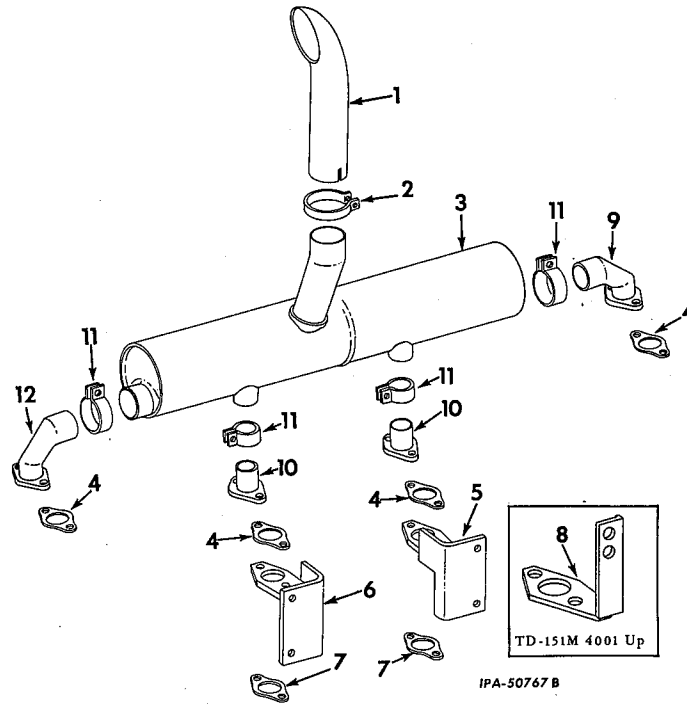
- | | | |
|---|------------------------|---|
| 1 | 318 316 R11
445 684 | MANIFOLD w/two PLUG, 445 684 and eight STUD, 41 634 D, front exhaust PLUG, pipe (2) |
| 2 | 318 317 R1 | MANIFOLD, rear exhaust |
| 3 | 322 519 R1 | GASKET, exhaust manifold (6) |
| 4 | 318 318 R11 | BRACKET, air cleaner mounting (2) |
| 5 | 41 634 D | STUD, turbo-charger mounting (8) |
| | 271 904 R1 | STUD, manifold |

DIESEL ENGINE



EXHAUST SYSTEM

EXHAUST MUFFLER AND AIR CLEANER BRACKET



REF. NO.	I.H. PART NUMBER	DESCRIPTION
1	304 215 R2	STACK, exhaust (not used with exhaust rain cap)
2	48 155 D	CLAMP, exhaust stack 5/16" NUT (2) 5/16 x 2-1/4" hex-hd cap SCREW (2) 5/16" lock WASHER (2)
3	304 711 R92	MUFFLER ASSEMBLY, exhaust (not used with heavy hood attachments 311 450 R91 or 322 472 R91) (TD-150M 501 to 4000) (Composed of - §1 BODY 4 CLAMP 313 232 R91 1 ELBOW 313 229 R1 1 ELBOW 313 231 R1 2 TUBE 313 230 R1)
3	318 989 R91	MUFFLER ASSEMBLY, exhaust (used with heavy hood attachments, 311 450 R91 or 322 472 R91) (TD-150M 501 to 4000) (Composed of - §1 BODY 4 CLAMP 313 232 R91 1 ELBOW 313 229 R1 1 ELBOW 313 231 R1 1 RETAINER 320 539 R11 2 TUBE 313 230 R1)
3	321 300 R91	MUFFLER ASSEMBLY, exhaust (TD-151M 4001 up) (Composed of - §1 BODY 4 CLAMP 313 232 R91 1 ELBOW 313 229 R1 1 ELBOW 313 231 R1 2 TUBE 313 230 R1)

DIESEL ENGINE



EXHAUST SYSTEM

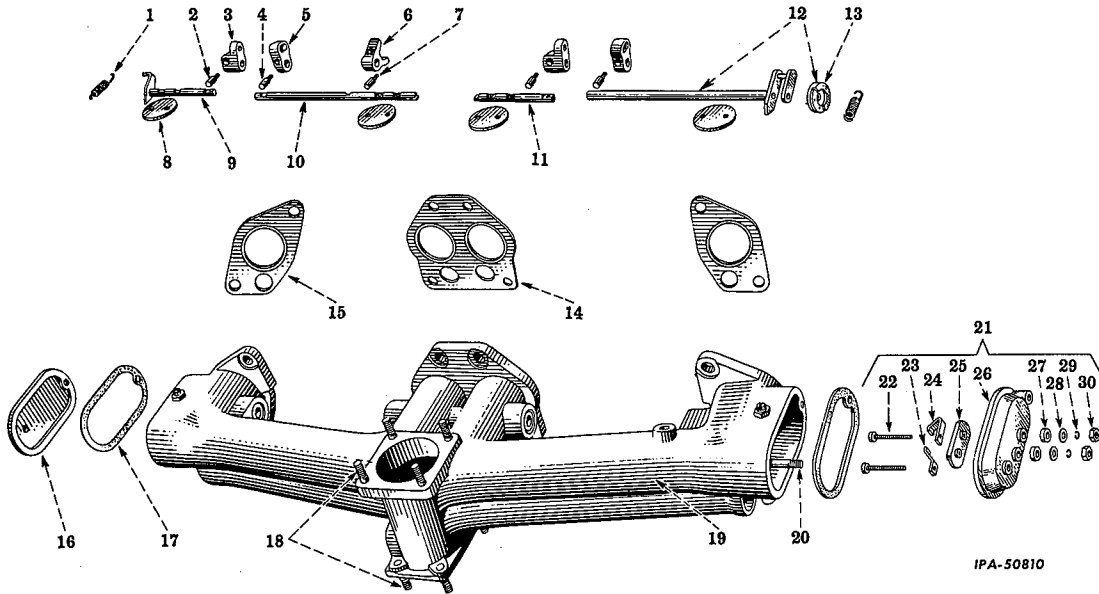
EXHAUST MUFFLER AND AIR CLEANER BRACKET - Continued

REF. NO.	I.H. PART NUMBER	DESCRIPTION
4	322 519 R1	GASKET, exhaust muffler (4)
5	304 213 R11	BRACKET, RH air cleaner (TD-150M 501 to 4000)
6	304 212 R11	BRACKET, LH air cleaner (TD-150M 501 to 4000)
7	322 519 R1	GASKET, air cleaner bracket spacer (2)
8	318 318 R11	BRACKET, air cleaner mounting (2) (TD-151M 4001 up)
9	313 231 R1	ELBOW, inlet rear flange
10	313 230 R1	TUBE, inlet center flange (2)
11	313 232 R91	CLAMP, muffler (4)
12	313 229 R1	ELBOW, inlet front flange
	250 451 R1	NUT, exhaust muffler retaining (8)
	322 539 R11	RETAINER, spring (used only with MUFFLER, 318 989 R91)
	318 991 R1	SPRING, baffle (used only with MUFFLER, 318 989 R91)

§ - Not Furnished Separately.

DIESEL ENGINE

INTAKE MANIFOLD



IPA-50810

REF. NO.	I.H. PART NUMBER	DESCRIPTION
1	264 166 R1	SPRING, manifold control (2)
2	42 739 DA	PIN, manifold control shaft flange (4) 1/4"NF NUT (4) 1/4" lock WASHER (4)
3	250 546 R1	COUPLING, manifold control shaft (2)
4	42 739 DA	PIN, manifold control shaft flange (4) 1/4"NF NUT (4) 1/4" lock WASHER (4)
5	250 547 R1	FLANGE, manifold control shaft (2) 3/8 x 1-1/4" hex-hd. cap SCREW (2) 3/8" lock WASHER (2) 13/32" x 13/16" No. 16 ga. flat WASHER (2)
6	250 548 R1	LEVER, manifold control (optional with 262 608 R1)
6	262 608 R1	LEVER, manifold control (optional with 250 548 R1)
7	42 739 DA	PIN, manifold control lever 1/4"NF NUT 1/4" lock WASHER
8	252 618 R1 228 148	VALVE, manifold butterfly (4) SCREW, manifold butterfly valve (8)
9	252 623 R11	SHAFT w/LEVER rear manifold control
10	252 626 R1	SHAFT, rear and intermediate manifold control
11	252 625 R1	SHAFT, front and intermediate manifold control

DIESEL ENGINE

INTAKE MANIFOLD - CONTINUED

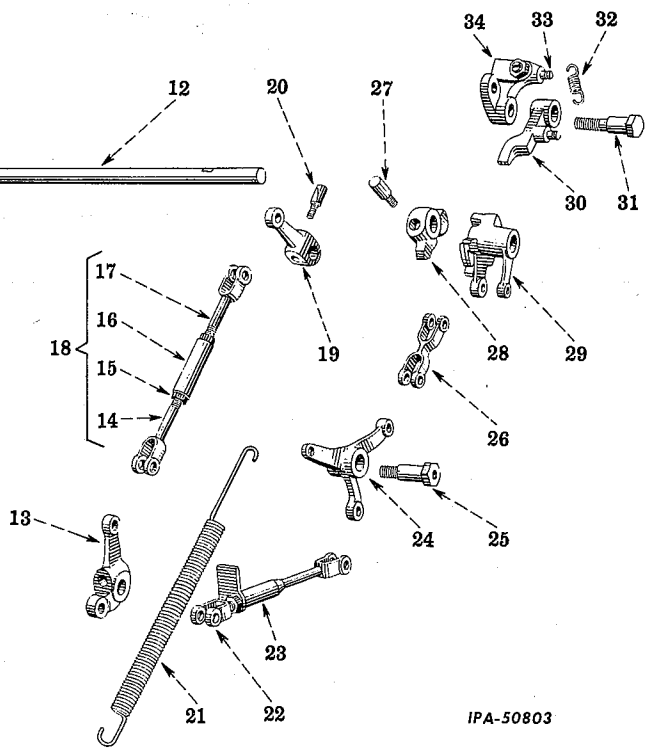
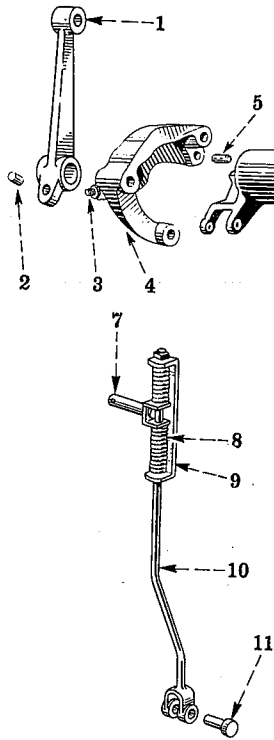
REF. NO.	I.H. PART NUMBER	DESCRIPTION
12	267 948 R91	SHAFT w/DISC, 265 913 R91 manifold control
13	265 913 R91	DISC w/EYELET, 188 664 and two EYELETS, 188 523
14	252 617 R2	GASKET, intake manifold center
15	252 616 R2	GASKET, intake manifold end (2)
16	264 235 R1 54 909 H	COVER, intake manifold rear end 5/16 x 1-3/8" hex-hd. cap SCREW 5/16" NUT (for STUD, 263 318 R1) WASHER, 21/64" x 5/8" x No. 18 ga.
17	250 550 R1	GASKET, intake manifold end cover (2)
18	41 634 D	STUD, carburetor and air intake flange (8)
19	267 939 R92	MANIFOLD w/four PLUG, 103 883 and PLUG, 126 045, intake 5/16 x 1/2" hex-hd cap SCREW (2) 5/16" lock WASHER (2)
20	263 318 R1	STUD, intake manifold end cover (2)
21	264 171 R12 54 909 H	COVER ASSEMBLY intake manifold front end 5/16 x 1-3/8" hex-hd. cap SCREW 5/16" NUT 5/16" lock WASHER WASHER, 21/64" x 5/8" No. 18 ga.
22	263 330 R1	SCREW, No. 10 x 1" pan-hd. (2)
23	263 328 R1	BLADE, right switch contact
24	263 327 R1	BLADE, left switch contact



DIESEL ENGINE

REF. NO.	I. H. PART NUMBER	DESCRIPTION
INTAKE MANIFOLD - CONTINUED		
25	263 325 R2	STRIP, switch blade mounting
26	264 171 R1	COVER, intake manifold front end, (order 264 171 R12)
27	263 326 R1	INSULATOR, terminal (2)
28	263 329 R1	WASHER, 13/64 x 1/2 x 16 ga. (cd-pltd.) (2)
29		WASHER, No. 10 external-tooth lock (cd-pltd.) (2)
30		NUT, No. 10 type "F" (cd-pltd.) (2)
	263 308 R91	CLIP, cable, (rubber coated) 17/32 x 1-1/16 x 3/32" flat WASHER
	188 664	EYELET, 1/4 x 7/32" disc
	188 523	EYELET, 1/8 x 1/4" plate (2)

STARTING MECHANISM



IPA-50803

REF. NO.	I. H. PART NUMBER	DESCRIPTION
1	274 193 R1	LEVER, cross shaft operating
2	20 586 D	PIN, cross shaft operating lever 5/16"NF NUT 5/16" lock WASHER
3	102 393	SCREW, 5/16 x 1-1/4" hdls., rd-pt. set 5/16" jam NUT



DIESEL ENGINE

REF. NO.	I. H. PART NUMBER	DESCRIPTION
INTAKE MANIFOLD - CONTINUED		
250 544 R1		LEVER, rear manifold control shaft
250 451 R1		NUT, intake manifold stud (8)
250 451 R1		NUT, exhaust manifold stud (8) NUT, 3/8" (2)
103 883		PLUG, 1/8" slit-hdls-stl pipe (4)
172 545		PLUG, intake manifold core (2)
126 045		PLUG, 3/8" ctsk-hdls pipe
317 510 R91		SEAL, manifold control shaft (will work for 53 083 D and 264 531 R91) (4)
		SCREW, 3/8 x 1-1/4" hdls. dog-pt. set (2)

STARTING MECHANISM - CONTINUED

REF. NO.	I. H. PART NUMBER	DESCRIPTION
4	261 017 R94	BRACKET w/PIN, 45 391 D cross shaft 3/8 x 2-1/2" hex-hd cap SCREW (2) 3/8 x 1-3/8" hex-hd cap SCREW 3/8" lock WASHER (2)
5	45 391 D	PIN, friction plate locating
6	272 130 R1	LEVER, governor control



DIESEL ENGINE

REF. NO.	I.H. PART NUMBER	DESCRIPTION
STARTING MECHANISM - CONTINUED		
7	272 101 R91	TRUNNION, governor control rod 3/32 x 5/8" cotter PIN
	Q 1 597	11/32 x 11/16" x 1/16" ga. WASHER
8	261 650 R1	SPRING, governor control rod (2)
9	54 124 D	GUIDE, governor control rod trunnion
10	304 082 R11	ROD, governor control 5/16 jam NUT (2) 3/32 x 5/8" cotter PIN
11	103 495	PIN, governor control rod 3/32 x 5/8" cotter PIN
12	252 656 R1	SHAFT, control cross
13	250 794 R1	LEVER, starting valve cross shaft rear
14	250 796 R11	ROD w/YOKE LH starting valve cross shaft lever
15	250 799 R1	NUT, LH starting valve cross lever rod
16	250 798 R1	TURNBUCKLE, starting valve cross shaft lever rod
17	262 569 R11	ROD w/YOKE RH starting valve cross shaft lever (optional with 252 663 R11)
17	252 663 R11	ROD w/YOKE RH starting valve cross shaft lever (optional with 262 569 R11) 5/16" jam NUT
18	252 662 R91	ROD, starting valve cross shaft lever 5/16 x 31/32" rod end PIN (2) 3/32" x 5/8" cotter PIN (2)
19	250 793 R1	LEVER, front starting valve cross shaft
20	42 739 DA	PIN, starting valve cross shaft lever (2) 1/4" NUT (2) 1/4" lock WASHER (2)
21	52 176 DC	SPRING, cross shaft return
22	262 579 R11	ROD w/YOKE upper cross shaft operating (optional with 250 792 R11)
22	250 792 R11	ROD w/YOKE upper cross shaft operating (optional with 262 579 R11) 5/16" jam NUT 5/16 x 31/32" rod end PIN 3/32 x 5/8" cotter PIN
23	262 568 R92	ROD, cross shaft operating (optional with 252 657 R92)
23	252 657 R92	ROD, cross shaft operating (optional with 262 568 R92) 5/16 x 31/32" rod end PIN 3/32 x 5/8" cotter PIN
24	252 660 R1	BELLCRANK, starting valve operating lever
25	252 661 R1	PIN, starting valve operating lever bellcrank
26	252 659 R11	YOKE, bellcrank operating 5/16 x 31/32" rod end PIN (2) 3/32 x 1/2" cotter PIN (2)
27	20 586 D	PIN, cross shaft jaw lever 5/16"NF NUT 5/16" lock WASHER
28	262 607 R1	LEVER, cross shaft jaw (optional with 52 626 D)
28	52 626 D	LEVER, cross shaft jaw (optional with 262 607 R1)



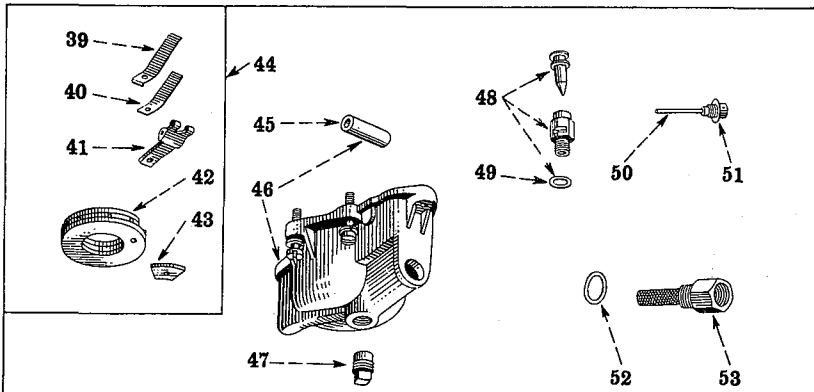
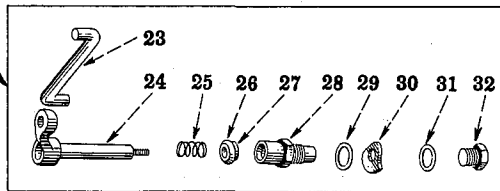
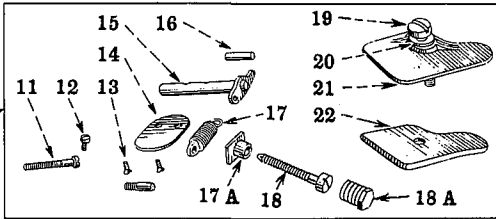
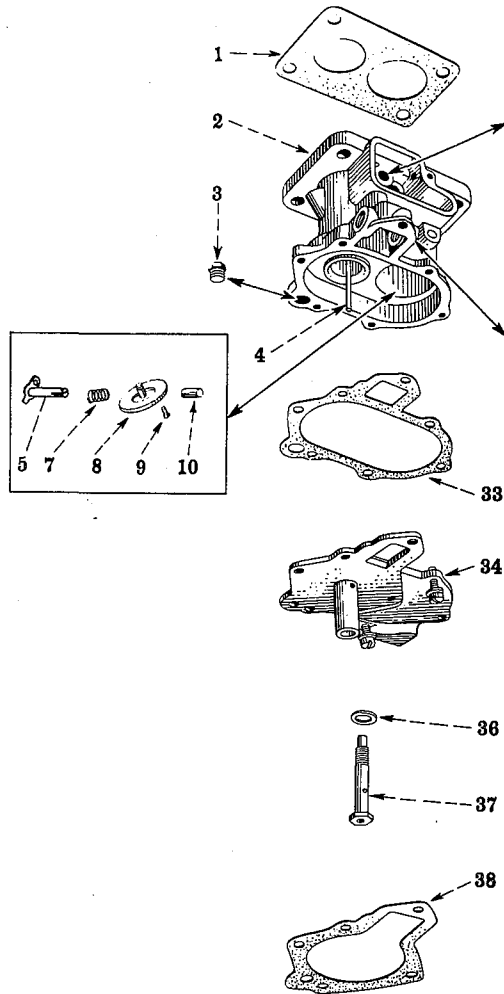
DIESEL ENGINE

REF. NO.	I.H. PART NUMBER	DESCRIPTION
STARTING MECHANISM - CONTINUED		
29	250 787 R2	JAW, cross shaft 5/16" jam NUT 1/8 x 1" cotter PIN
	Q 1 537	21/32" x 1" x No. 12 ga. WASHER 5/16" x 1-1/4" ov-pt. hdls. set SCREW
30	52 621 DX	LATCH w/PIN, 52 623 D cross shaft
31	55 354 DA	PIN, cross shaft latch
32	52 624 D	SPRING, cross shaft latch
33	52 623 D	PIN, cross shaft latch spring
34	8 617 DAX	BRACKET w/PIN cross shaft latch 3/8"NF NUT 3/8" jam NUT 3/16 x 1-1/2" dog-pt. hdls. set SCREW 3/8" lock WASHER



FUEL SYSTEM

CARBURETOR, INTERNATIONAL
(For Starting on Gasoline)



IPA-50840 A



FUEL SYSTEM

CARBURETOR, INTERNATIONAL - CONTINUED
(For starting on Gasoline)

FUEL SYSTEM

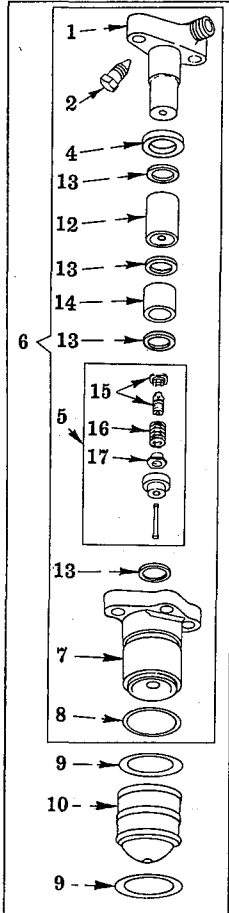
REF. NO.	I.H. PART NUMBER	DESCRIPTION
CARBURETOR, INTERNATIONAL - CONTINUED (For starting on Gasoline)		
304 278 R92		CARBURETOR ASSEMBLY 3/8NF NUT (4) 3/8" lock WASHER (4) 3/8" WASHER (4)
1	42 769 D	GASKET, carburetor
2	354 771 R11	BODY w/idling TUBE, 35 048 DX carburetor
3	58 835 D 104 942	PLUG, primer connection hole CORK, primer hole No. 6 (standard) (No. 2x grade) (3/4" x 15/16" long)
4	35 048 DX	TUBE w/PLUG idling
5	42 863 DA	SHAFT, 25 969 DB, w/LEVER and SCREW, 31 636 D, starting shutter
7	27 452 D	SPRING, starting shutter shaft packing
8	251 644 R11	SHUTTER, starting
9	31 636 D	SCREW, starting shutter (2)
10	25 969 DB	SHAFT, starting shutter (short)
11	32 600 D	SCREW, throttle stop
12	131 963	LOCK, No. 8 x 3/8" fil-hd. cd-pltd. throttle stop screw
13	14 971 D	SCREW, butterfly (2)
14	32 601 D	BUTTERFLY, throttle
15	32 602 DAX	SHAFT w/LEVER throttle
16	32 599 D	PIN, throttle stop
17	27 435 D	SPRING, throttle lever
17A	354 767 R1	LOCK, throttle spring screw
18	354 766 R1	SCREW, throttle spring
18A	354 768 R1	PLUG, throttle spring screw
19	32 609 D	SCREW, throttle lever cover clamp
20	32 610 D	GASKET, throttle lever cover clamp screw
21	32 608 D	COVER, throttle lever
22	32 607 DB	GASKET, throttle lever cover
23	252 664 R1	ROD, carburetor control 1/16 x 5/8" cotter PIN
24	250 612 R91	SHAFT w/lever, locking No. 8 hex. NUT No. 8 lock WASHER
25	32 586 D	SPRING, locking shaft dust washer
26	32 587 D	RETAINER, locking shaft dust washer
27	32 588 D	WASHER, dust, locking shaft (2)
28	32 585 DA	BEARING, locking shaft
29	352 352 R1	LOCK, locking shaft bearing
30	32 582 D	CAM, locking shaft
31	18 377 D	GASKET, locking shaft body plug
32	42 844 D	PLUG, locking shaft body
33	32 597 D	GASKET, carburetor bottom plate

FUEL SYSTEM

REF. NO.	I.H. PART NUMBER	DESCRIPTION
CARBURETOR, INTERNATIONAL - CONTINUED (For starting on Gasoline)		
34	5 975 DA	PLATE, carburetor bottom No. 12 x 3/4" fil-hd. cd-pltd. machine SCREW (3) No. 12 cd-pltd. lock WASHER (3)
36	32 615 D	GASKET, metering well
37	32 975 D	WELL, metering
38	32 606 DB	GASKET, fuel bowl
39	32 578 D	SPRING, float lever (upper leaf)
40	32 577 D	SPRING, float lever (lower-leaf)
41	357 090 R1	LEVER, float (order 251 652 R91)
42	251 650 R11	FLOAT, w/FERRULE No. 4 x 1/2" rd-hd-slt. SCREW No. 4 NUT
43	32 574 DAX	PLATE, float reinforcing (used with FLOAT and LEVER, 53 079 D)
44	251 652 R91	LEVER ASSEMBLY, float (Composed of - 1 FLOAT 251 650 R11 1 LEVER 1 SPRING 32 577 D 1 SPRING 32 578 D)
45		SPACER, float lever (order 5 051 DX or 9 390 DX)
46	5 051 DX	BOWL w/SPACER, 32 604 D fuel (optional with 9 390 DX)
46	9 390 DX	BOWL w/SPACER, 32 604 D fuel (optional with 5 051 DX)
47	117 243	PLUG, sq-hd. 1/8" cd-pltd. pipe
48	32 581 DXB	VALVE w/CAGE and GASKET, 25 948 D needle
49	25 948 D	GASKET, needle valve cage (order 32 581 DXB)
50	32 576 DX	SCREW w/float lever PIVOT float pivot
51	25 948 D	GASKET, float lever pivot screw
52	18 377 D	GASKET, strainer screen
53	29 902 DX	RETAINER w/SCREEN strainer
54	35 691 DA	BOWL ASSEMBLY, fuel (Composed of - 1 BOWL 9 390 DX 1 CAGE 32 581 DXB 1 FLOAT and LEVER 251 652 R91 1 GASKET 18 377 D 1 GASKET 25 948 D 1 RETAINER 29 902 DX 1 SCREW 32 576 DX) No. 12 x 1" cd-pltd. fil-hd., mach. SCREW (4) No. 12 x 1" cd-pltd. fil-hd., mach. SCREW No. 12 cd-pltd. lock WASHER (5)
	37 006 D	BLANK, carburetor number plate
		SCREW, No. 0 x 3/16 rd-hd. (number plate)
	14 581 D	PACKING, dust starting shutter (2)
	32 590 D	RETAINER, starting shutter dust packing
		§ - Not Furnished Separately.

FUEL SYSTEM

INJECTION NOZZLES AND PRE-COMBUSTION CHAMBERS



IPA-50044 A

REF. NO.	I. H. PART NUMBER	DESCRIPTION
1	276 073 R1	FITTING, nozzle (6) 3/8NF x 2-1/4" hex-hd. cap SCREW (12)
2	275 634 R1	VALVE, nozzle bleeder (6)
4	250 608 R1	SEAL, nozzle fitting dust (3)
5	275 719 R91	VALVE ASSEMBLY, nozzle (open type, .012 - .013" lift) (6) (Composed of - 1 SCREW and SEAT 278 008 R91 §1 SEAT 1 SEAT 271 740 R1 1 SPRING 276 954 R1 §1 VALVE)
6	276 393 R91	NOZZLE ASSEMBLY, injection (open type) (6) (Composed of - 1 BODY 276 394 R11 1 FITTING 276 073 R1 4 GASKET 37 148 D 1 SLEEVE 271 743 R1 1 SPACER 271 744 R1 1 VALVE 275 719 R91 1 VALVE 275 634 R1)

FUEL SYSTEM

INJECTION NOZZLES AND PRE-COMBUSTION CHAMBERS - CONTINUED

REF. NO.	I. H. PART NUMBER	DESCRIPTION
7	276 394 R11	BODY w/SEAL, 250 608 R1 and SEAL, 251 044 R2 nozzle (open type) (6)
8	251 044 R2	SEAL, nozzle body dust (6)
9	251 042 R4	GASKET, pre-combustion chamber (12)
10	341 016 R1	CHAMBER, pre-combustion (6) (*)
10	268 166 R1	CHAMBER, pre-combustion (6) (not #)
11		Not Used
12	271 744 R1	SPACER, nozzle valve (6)
13	37 148 D	GASKET, nozzle valve (24)
14	271 743 R1	SLEEVE, nozzle valve (6)
15	278 008 R91	SEAT w/valve stop SCREW upper, nozzle valve spring (6)
16	276 954 R1	SPRING, nozzle (6)
17	271 740 R1	SEAT, lower spring (6)
	31 121 D	NUT, nozzle body stud (12)
* - Used on machines equipped with Altitude Compensation Attachments		

REF. NO.	I. H. PART NUMBER	DESCRIPTION
I. H. TWIN PLUNGER FUEL INJECTION PUMP		
328 017 R91		PUMP ASSEMBLY, model "C" Fuel Injection (105 H. P. - 1650 R. P. M. - 9% Regulation) (See NOTE) (together with PACKAGE, 332 106 R91 will work for PUMP, 270 167 R91)
332 106 R91		PACKAGE, IH fuel injection pump Model "C" field service (Consists of - 1 BRACKET 323 907 R1 1 CLAMP 64 121 D 1 CLAMP 262 119 R1 1 CLAMP 324 630 R1 1 CONNECTOR 89 863 H 2 CUSHION 262 029 R1 1 ELBOW 30 402 D 1 ELBOW 67 869 D 1 NIPPLE 144 580 3 NUT 369 987 R1 1 PIPE 323 905 R1 1 PIPE 323 906 R1)

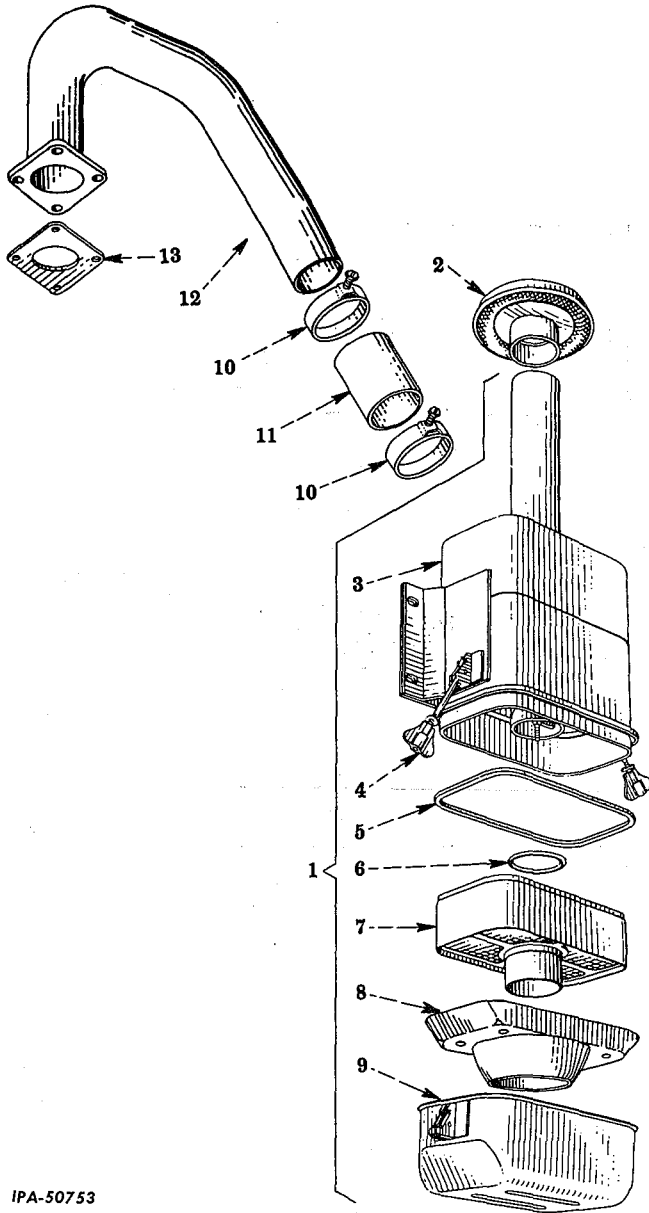
§ - Not Furnished Separately

NOTE - Refer to Injection Pump Parts Catalog PU-40D when ordering detail parts for complete injection pump. For speed charts see Injection Pump Parts Catalog PU-40D.



FUEL SYSTEM

AIR CLEANER (NOT DRY TYPE) AND CONNECTIONS (United Specialties) (TD-15-150 Series)



IPA-50753

REF. NO.	I.H. PART NUMBER	DESCRIPTION
1	274 374 R92	CLEANER ASSEMBLY, air (order 317 525 R91) (Composed of -
	1	BAFFLE 305 132 R91
	§ 1	BODY
	1	CUP 275 560 R91
	1	FILTER 305 131 R91
	1	GASKET 272 946 R1
	2	NUT and STUD 272 940 R91
	1	"O" RING 272 947 R1)



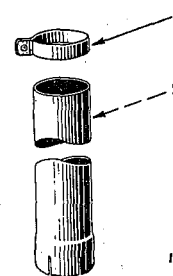
FUEL SYSTEM

AIR CLEANER (NOT DRY TYPE) AND CONNECTIONS - CONTINUED (United Specialties) (TD-15-150 Series)

REF. NO.	I.H. PART NUMBER	DESCRIPTION
1	317 525 R91	CLEANER ASSEMBLY, air (will work for 274 374 R92) (Composed of -
	1	BAFFLE 317 569 R91
	§ 1	BODY
	1	CUP 275 560 R91
	1	FILTER 305 131 R91
	1	GASKET 272 946 R1
	2	NUT and STUD 272 940 R91
	1	"O" RING 272 947 R1)
		3/8" NUT (4)
		3/8 x 1-1/8" hex-hd. cap SCREW (4)
		3/8" lock WASHER (4)
		13/32 x 13/16" x 16 ga. WASHER (4)
2	272 377 R91	CAP, air cleaner stack
3		BODY, upper (order 274 374 R92 or 317 525 R91)
4	272 940 R91	NUT, wing and stud (227A1K02) (2)
5	272 946 R1	GASKET, oil cup (616A7)
6	272 947 R1	"O" RING, oil cup (2.725 x 3.225 x .250) (940A3)
7	305 131 R91	FILTER, removable (1052C3)
8	305 132 R91	BAFFLE, splash (N86D5) (used with 274 374 R92)
8	317 569 R91	BAFFLE, splash (104 905) (used with 317 525 R91)
9	275 560 R91	CUP, oil (1051D5K02)
10	274 089 R91	CLAMP, air cleaner pipe hose (2)
11	314 525 R1	HOSE, air cleaner pipe (3 x 3-3/8 x 3-1/2" long) (will work for 278 637 R1)
12	304 205 R21	PIPE, air cleaner 3/8" NUT (4) 3/8" lock WASHER (4)
13	50 529 D	GASKET, air cleaner pipe flange

§ - Not Furnished Separately

AIR CLEANER PIPE EXTENSION (TD-15-150 Series)



IP A-41036

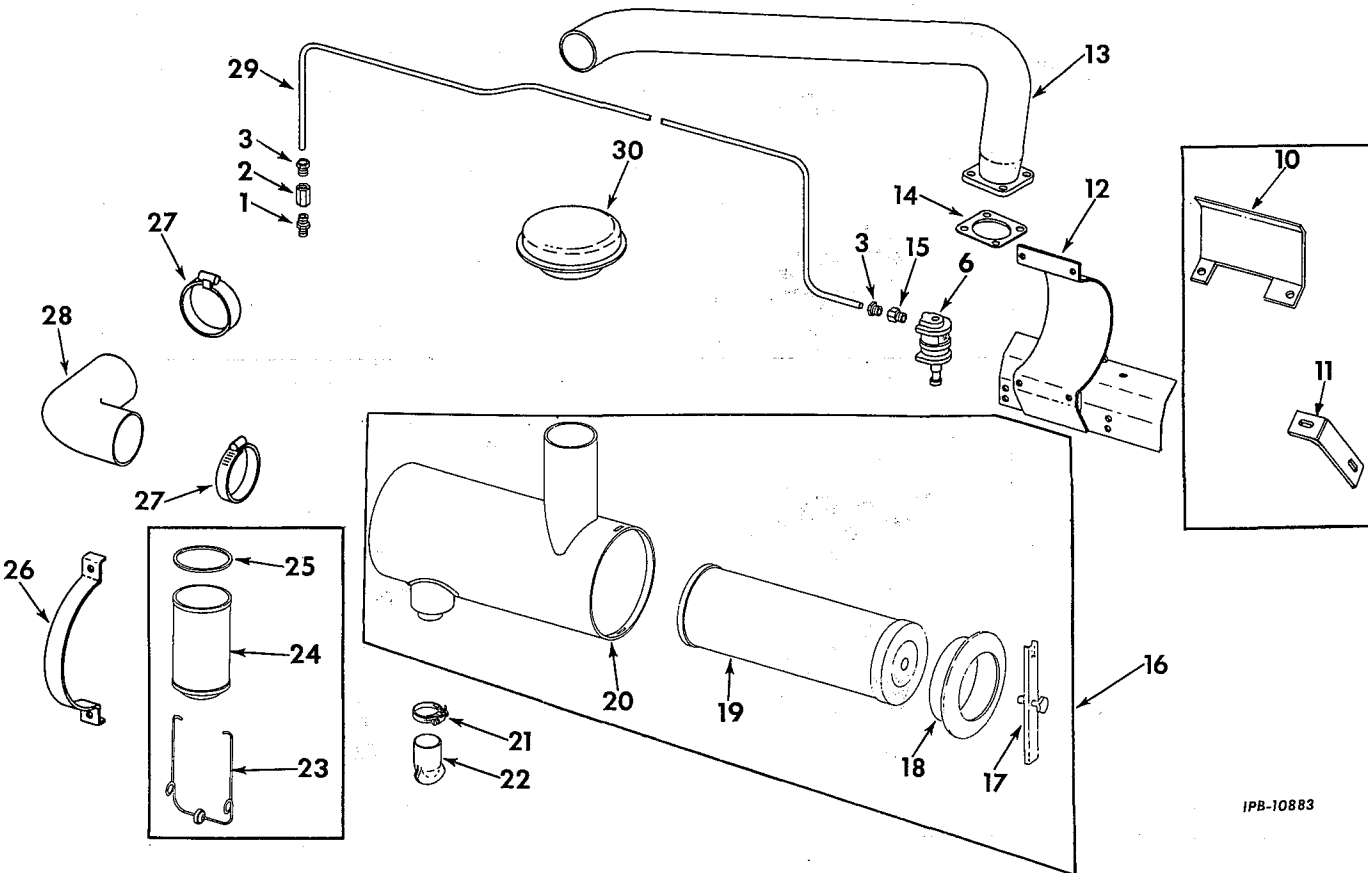
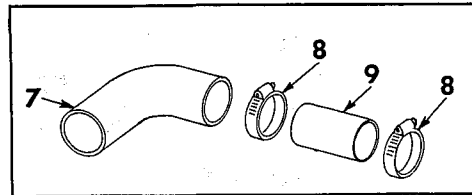
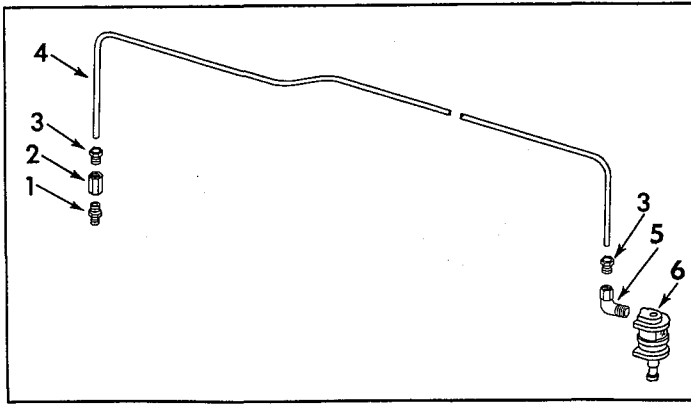
REF. NO.	I.H. PART NUMBER	DESCRIPTION
	273 039 R91	ATTACHMENT, air pipe extension (Consists of the following parts) (See NOTE 3)
1	48 155 D	CLAMP, air pipe extension 5/16" NUT 5/16 x 2-1/4" hex-hd. cap SCREW 5/16" lock WASHER
2	58 457 DA	EXTENSION, air pipe

NOTE 3 - Field Application - Order through Regular Service Parts Channels



FUEL SYSTEM

AIR CLEANER (DRY TYPE) AIR CLEANER FILTER INDICATOR AND CONNECTIONS (United Specialties) (TD-15-151 Series) (TD-15-150 Series and TD-15-151 Series equipped with Altitude Compensation Attachment)



IPB-10883

REF. NO.	I. H. PART NUMBER	DESCRIPTION
1	317 972 R91	NIPPLE and FILTER, air cleaner filter indicator
2	19 715 R1	BODY, 1/8 x 1/8"NPT connector
3	36 092 D	NUT, connector (for 1/8" tubing) (2)



FUEL SYSTEM

AIR CLEANER (DRY TYPE) AIR CLEANER FILTER INDICATOR AND CONNECTIONS — CONTINUED (United Specialties) (TD-15-151 Series) (TD-15-150 Series and TD-15-151 Series equipped with Altitude Compensation Attachment)

REF. NO.	I. H. PART NUMBER	DESCRIPTION
4	321 591 R1	TUBE, 1/8"OD x 47" long (nylon) (%)
5	36 637 D	ELBOW, tubing (%)
6	324 365 R91	INDICATOR, air cleaner filter
7	320 598 R1	PIPE, air cleaner outlet (†) (%)



FUEL SYSTEM

REF. NO.	I.H. PART NUMBER	DESCRIPTION
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AIR CLEANER (DRY TYPE) AIR CLEANER FILTER INDICATOR AND CONNECTIONS - CONTINUED (United Specialties) (TD-15-151 Series) (TD-15-150 Series and TD-15-151 Series equipped with Altitude Compensation Attachment)

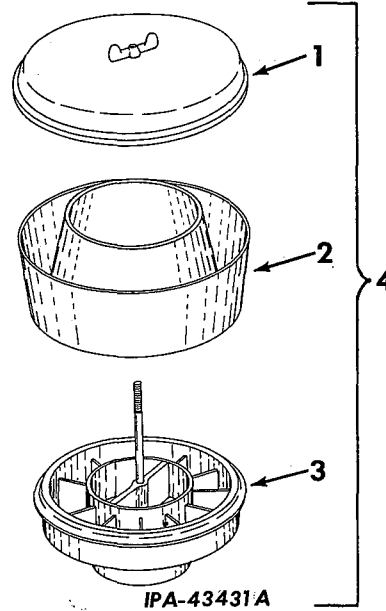
8	279 029 R91	CLAMP, outlet pipe hose (2) (†) (%)
9	278 637 R1	HOSE, air cleaner outlet pipe (3 x 3-3/8 x 2-1/2" long) (†) (%)
10	322 119 R1	SHIELD, air cleaner (†) 3/8" NUT (2) 3/8 x 7/8" hex-hd cap SCREW (2) 3/8" lock WASHER (2)
11	322 474 R1	BRACE, air cleaner (†) 3/8NF NUT (2) 3/8NF x 1" hex-hd cap SCREW (2) 3/8" lock WASHER (2)
12	320 635 R11	SUPPORT, air cleaner (\$) (†)
12	320 595 R11	SUPPORT, air cleaner (%) 3/8" NUT (4) 3/8 x 7/8" hex-hd cap SCREW (4) 3/8" lock WASHER (4)
13	320 634 R11	PIPE, air cleaner outlet 3/8NF NUT (4) 3/8" lock WASHER (4)
14	50 529 D	GASKET, air cleaner pipe flange
15	59 939 D	BODY, 1/8 x 1/8"NPT connector (\$) (†)
16	338 981 R91	CLEANER ASSEMBLY, air (109DX24A) (dry type) (will work for 321 271 R91)
17	321 688 R91	BAR, element retainer (193B5K026)
18	338 727 R1	GASKET, element end cover (615B12-S)
19	321 595 R91	ELEMENT, air cleaner (250C7-S)
20		BODY (order 338 981 R91)
21	122 316 R91	CLAMP, dust unloader
22	324 194 R1	UNLOADER, dust
23	319 851 R91	BAIL, dust jar (229B8K026) (*)
24	319 850 R91	JAR, dust (1911C1K026) (*)
25	319 852 R1	GASKET, dust jar (615B5-S) (*)
26	320 637 R1	STRAP, air cleaner mounting (2) (\$) (†)
26	320 597 R1	STRAP, air cleaner mounting (2) (%) 3/8" NUT (4) 3/8 x 1-1/2" hex-hd cap SCREW (4) 3/8" lock WASHER (4)
27	279 029 R91	CLAMP, air cleaner hose (2)
28	304 398 R1	ELBOW, 3" ID rubber
29	321 264 R1	TUBE, 1/8" OD x 45" long (nylon) (\$) (†)
30	321 259 R1	CAP, air cleaner stack (not used with heavy hood)
	362 120 R1	CLIP, air cleaner filter indicator (mounted on upper rear air cleaner mounting strap bolt)
	2 751 041 R1	DECALCOMANIA, air cleaner instructions

* - Used with Air Cleaner, 321 271 R91.
† - TD-15 (151 Series) Altitude Compensation.
% - TD-15 (150 Series) Altitude Compensation.
\$ - TD-15 (151 Series) Crawler Tractor.



FUEL SYSTEM

PRE-CLEANER (Plastic Body) (Donaldson)



REF. NO.	I.H. PART NUMBER	DESCRIPTION
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	273 034 R91	ATTACHMENT, pre-cleaner (collector type) (not used with Heavy Hood or Altitude Compensation Attachments) (TD-15 (150 Series) (See NOTE 3))
	320 588 R91	ATTACHMENT, pre-cleaner (collector type) (not used with Heavy Hood Attachment) (used with altitude compensation Attachment) (TD-15 (150 Series) (See NOTE 3)) (TD-15 (151 Series) See NOTES 1 and 3)
	320 589 R91	ATTACHMENT, pre-cleaner (collector type) (used with Heavy Hood and Altitude Compensation Attachments) (TD-15 (150 Series) (See NOTE 3)) (TD-15 (151 Series) See NOTES 1 and 3)
1	277 376 R91	COVER (P-16548)
2	277 377 R1	BODY (P-16330)
3		Not Furnished Separately
4	277 375 R91	PRE-CLEANER (H-253) (part of ATTACHMENT, 273 034 R91)
4	321 262 R91	PRE-CLEANER (PBH00-0255) (part of ATTACHMENT, 320 588 R91)
4	321 261 R91	PRE-CLEANER (PBH00-0256) (part of ATTACHMENT, 320 589 R91)

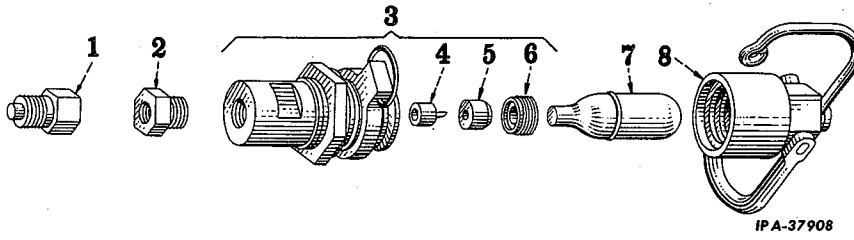
NOTE 1 - Factory Application - Order on Machine Order Form.

NOTE 3 - Field Application - Order through Regular Service Parts Channels.



FUEL SYSTEM

CHEVRON PRESSURE PRIMER DIESEL STARTING



REF. NO.	I. H. PART NUMBER	DESCRIPTION
	269 630 R91	ATTACHMENT, chevron pressure primer diesel starting (Consists of the following parts) (See NOTE 3)
1	269 635 R91	NOZZLE, discharge
2	269 634 R91	SCREEN, discharge
3	269 633 R91	BODY w/PIN, 269 525 R1, SCREW, 269 524 R1 and WASHER, 269 523 R1, discharge
4	269 525 R1	PIN, piercing



FUEL SYSTEM

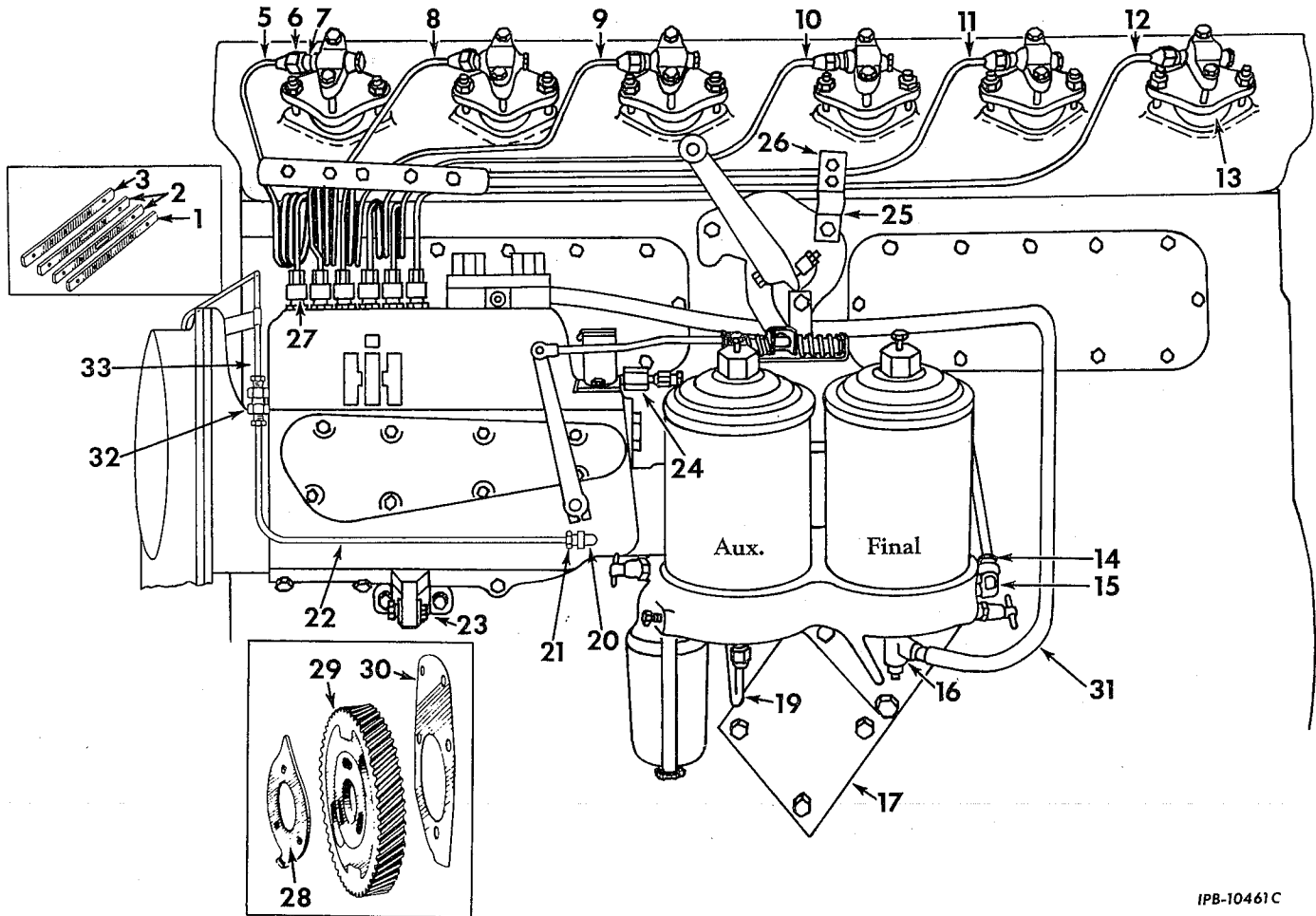
CHEVRON PRESSURE PRIMER DIESEL STARTING - CONTINUED

REF. NO.	I. H. PART NUMBER	DESCRIPTION
5	269 523 R1	WASHER, bulb neck
6	269 524 R1	SCREW, bulb neck
7	269 636 R91	BULB, pressure primer (not part of 269 630 R91) (X)
8	269 632 R91	CAP, discharge

NOTE 3 - Field Application - Order through Regular Service Parts Channels.
X - As Required

FUEL SYSTEM

FUEL PIPES, GEAR AND CONNECTIONS



IPB-10461C

REF. NO.	I.H. PART NUMBER	DESCRIPTION
1	263 178 R1	CLAMP, injection pipe
2	263 179 R1	PAD, injection pipe clamp (2) 1/4NF x 1-1/8" hex-hd. cap SCREW (5) 1/4" internal-tooth lock WASHER (5)
3	264 718 R1	CLAMP, injection pipe (threaded)
5	254 461 R1	PIPE, cylinder No. 1 injection
6	250 617 R1	NUT, injection pipe (nozzle end) (6)
7	250 610 R2	SLEEVE, injection pipe (12)
8	254 462 R1	PIPE, cylinder No. 2 injection
9	254 463 R2	PIPE, cylinder No. 3 injection
10	254 464 R1	PIPE, cylinder No. 4 injection
11	254 465 R1	PIPE, cylinder No. 5 injection
12	254 466 R1	PIPE, cylinder No. 6 injection

FUEL SYSTEM

FUEL PIPES, GEAR AND CONNECTIONS - CONTINUED

REF. NO.	I.H. PART NUMBER	DESCRIPTION
13		NOZZLE, injection (refer to injection nozzle and pre-combustion chambers)
14	278 953 R91	NUT, primary pump to final fuel filter pipe
15	37 323 D	ELBOW, primary pump to final fuel filter pipe
16	444 148	TEE, final fuel filter outlet
17	304 622 R1	BRACKET, fuel oil filter support 1/2 x 1-3/8" hex-hd. cap SCREW (3) 1/2" lock WASHER (3)
19	312 556 R11	PIPE w/two NUT and two NIPPLE, auxiliary fuel filter to primary pump (together with ELBOW, 260 304 R1) (will work for 304 077 R11)



FUEL SYSTEM

REF. NO.	I.H. PART NUMBER	DESCRIPTION
FUEL PIPES, GEAR AND CONNECTIONS - CONTINUED		
20	30 402 D	ELBOW, lubricating oil supply (*)
21	369 987 R1	NUT (3) (*)
22	323 906 R1	PIPE, lubricating oil supply (to injection pump) (*)
23	260 497 R91	BRACKET, injection pump 3/8NF NUT 3/8 x 1" hex-hd. cap SCREW (2) 3/8NF x 1-1/2" hex-hd. cap SCREW 3/8" lock WASHER (3) 13/32 x 13/16" x 16 ga. WASHER (4)
24	22 507 D	CONNECTOR, auxiliary fuel filter to primary pump
25	258 046 R1	CLIP, injection pipe brace
26	258 047 R1	BRACE, injection pipe 1/4NF NUT (2) 1/4NF x 1" hex-hd. cap SCREW (2) 1/4" lock WASHER (2)
27	251 050 R2	NUT, injection pipe (pump end) (6)
28	46 584 D	INDICATOR, injection pump gear timing
29	8 146 DB	GEAR, injection pump
30	62 939 DB	GASKET, fuel injection pump
31	276 027 R91	HOSE, final fuel filter to injection pump
32	89 863 H	CONNECTOR, pipe (*)
33	323 905 R1	PIPE, lubricating oil supply (*)
	323 907 R1	BRACKET, pipe clamp support (*)
	64 121 D	CLAMP, lubricating oil supply pipe (*)
	66 362 D	CLAMP, fuel line (2)
	262 038 R1	NUT, type "V" tinnerman speed 1/4 x 1/2" fil-hd sltd mach SCREW
	262 119 R1	CLAMP, lubricating oil supply pipe (*)
	324 630 R1	CLAMP, lubricating oil supply pipe (*) No. 8 x 1/2" slt-rd-hd tapping
	66 076 D	CLIP, final fuel filter to injection pump hose
	272 424 R1	CLIP, plunger drain (†)
	29 901 D	CONNECTOR, plunger drain pipe (†)
	262 029 R1	CUSHION, fuel pipe (2) (*)
	272 941 R1	CUSHION, fuel line clamp (2)
	120 499	ELBOW, 1/4 x 90° fuel filter inlet street
	67 869 D	ELBOW, pipe (lubricating oil supply) (*)
	260 304 R1	ELBOW, 1/4" street (pump end) (used with 304 077 R11)
	144 580	NIPPLE, pipe (1/8"NPT x 7/8") (lubricating oil supply) (*)
	29 898 D	NUT, plunger drain pipe connector



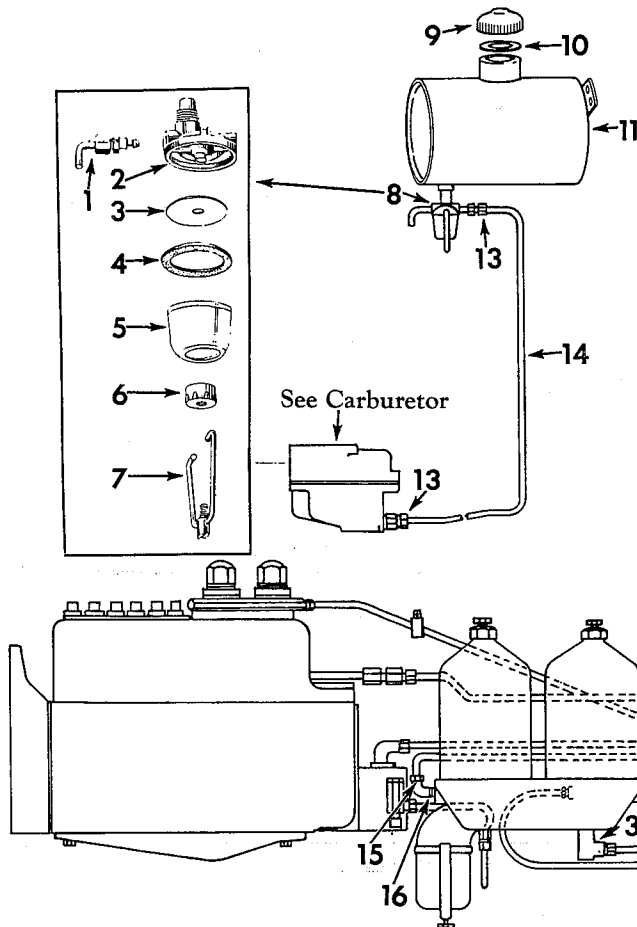
FUEL SYSTEM

REF. NO.	I.H. PART NUMBER	DESCRIPTION
FUEL PIPES, GEAR AND CONNECTIONS - CONTINUED		
260 623 R1		NUT, injection pump mounting stud
270 697 R2		PIPE, plunger drain (†)
304 078 R1		PIPE, primary pump to final fuel filter
50 410 DA		PLUG, fuel inlet fitting
103 866		PLUG, 1/4" pipe SCREW, w/lock WASHER, 3/8 x 1" hex-hd mach (2)
260 489 R1		STUD, injection pump mounting
(*) - For use with Model "C" Injection Pumps only. (†) - For use with Model "B" Injection Pumps only.		



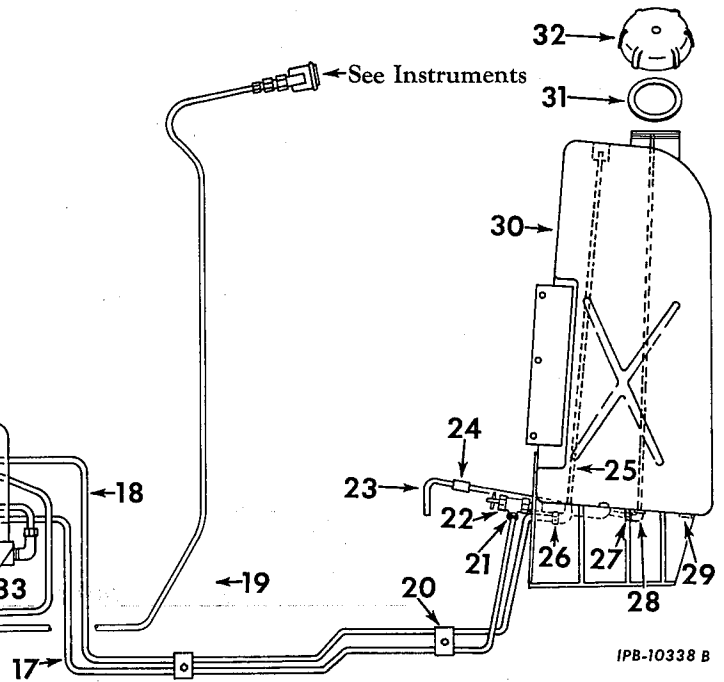
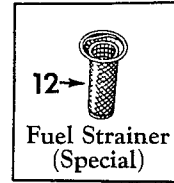
FUEL SYSTEM

FUEL AND GASOLINE STRAINERS, FUEL AND GASOLINE TANKS AND PIPING (†)



FUEL SYSTEM

FUEL AND GASOLINE STRAINERS, FUEL AND GASOLINE TANKS AND PIPING (†) - CONTINUED



IPB-10338 B

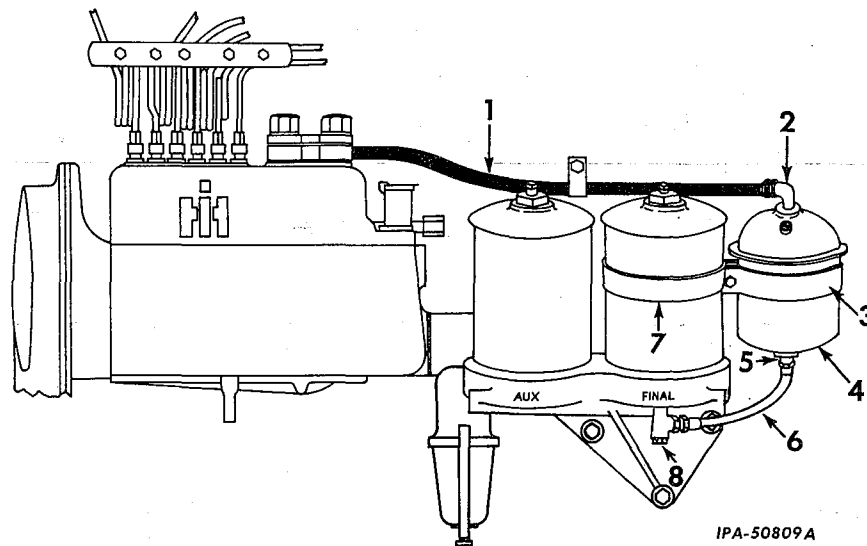
REF. NO.	I. H. PART NUMBER	DESCRIPTION
1	259 403 R91	STEM, strainer (44801-7)
2	355 141 R91	BODY w/BAFFLE strainer (45012-2)
3	49 923 D	SCREEN, strainer (32278-B)
4	360 679 R1	GASKET, strainer (corpreno) (4502-3)
5	357 958 R1	BOWL, strainer (heat resistant glass) (45241-1)
6	50 061 D	NUT, strainer (62560)
7	49 947 D	BAIL, strainer (32279)
8	369 988 R91	STRAINER ASSEMBLY, gasoline (will work for 355 142 R92) (Composed of -
	1	BAIL 49 947 D
	1	BODY 355 141 R91
	1	BOWL 357 958 R1
	1	GASKET 360 679 R1
	1	NUT 50 061 D
	1	NUT 369 989 R1
	1	SCREEN 49 923 D
	1	STEM 259 403 R91)

REF. NO.	I. H. PART NUMBER	DESCRIPTION
9	23 995 DC	CAP w/GASKET, 23 977 DB, gasoline tank filler
10	23 977 DB	GASKET, gasoline tank filler cap
11	304 226 R91	TANK w/CAP, 23 995 DC and GASKET, 23 977 DB, ASSEMBLY, gasoline 3/8" NUT (4) 3/8 x 3/8" hex-hd. cap SCREW (4) 3/8" lock WASHER (4)
12	266 337 R91	ATTACHMENT, fuel strainer (Consist of STRAINER and GASKET, 303 962 R1) (See NOTES 1 and 3)
13	369 989 R1	NUT, gasoline tank to carburetor coupling (2)
14	322 021 R1	TUBE, gasoline tank to carburetor (TD-151M-4001 Up)
14	304 228 R1	TUBE, gasoline tank to carburetor (TD-150M-501 to 4000)
		NOTE 1 - Factory Application - Order on Machine Order Form.
		NOTE 3 - Field Application - Order through Regular Service Parts Channels.
		(†) - Piping for engine refer to "Fuel System"

FUEL SYSTEM

REF. NO.	I. H. PART NUMBER	DESCRIPTION
FUEL AND GASOLINE STRAINERS, FUEL AND GASOLINE TANKS AND PIPING (†) - CONTINUED		
15	278 953 R91	NUT, fuel inlet tube elbow (fuel filter end)
16	37 323 D	ELBOW, fuel inlet tube (fuel filter end)
17	305 265 R1	TUBE, fuel inlet
18	305 264 R1	TUBE, fuel return
19	322 054 R1	TUBE, fuel pressure gauge to fuel filter (also listed in "Instrument Section" of this catalog (TD-151M-4001 Up)
19	305 263 R1	TUBE, fuel pressure gauge to fuel filter (also listed in "Instrument Section" of this catalog.) (TD-150M-501 to 4000)
20	42 385 D	CLAMP, fuel tube (4) 3/8NF NUT 3/8 x 1-3/4" hex-hd. cap SCREW 3/8 x 1-1/2" hex-hd. cap SCREW 3/8" lock WASHER (2)
21	278 953 R91	NUT, fuel shut-off needle valve
22	305 509 R91	BODY, fuel shut-off needle valve
23	272 437 R2	TUBE, fuel tank overflow and vent
24	272 245 R1	CLIP, fuel tank overflow and vent connecting tube

WATCH DOG FUEL FILTER



WATCH DOG FUEL FILTER - CONTINUED

REF. NO.	I. H. PART NUMBER	DESCRIPTION
FUEL AND GASOLINE STRAINERS, FUEL AND GASOLINE TANKS AND PIPING (†) - CONTINUED		
25	304 229 R91	PIPE, fuel return stand
26	278 953 R91	NUT, fuel return tube (in standpipe elbow)
27	369 989 R1	NUT, fuel tank overflow and vent tube
28	18 509 R1	ELBOW, fuel tank overflow and vent tube
29	103 880	PLUG, 1/2" sq-hd fuel tank drain (stl.)
30	306 220 R91	TANK w/CAP, 305 798 R11, PIPE, 304 229 R91 and PLUG, 103 880 ASSEMBLY fuel 1/2 x 3/4" hex-hd. cap SCREW (6) 1/2 x 1-1/4" hex-hd. cap SCREW (2) 1/2" lock WASHER (8)
31	305 799 R1	RING, fuel tank filler cap sealing
32	305 798 R11	CAP w/RING, 305 799 R1, fuel tank filler
33	444 148	TEE, final fuel filter outlet
34	252 374 R1	ELBOW, fuel oil pressure gauge tube (engine end)
	303 962 R1	GASKET, fuel strainer (used with attachment 266 337 R91)

(†)Piping for engine refer to "Fuel System"

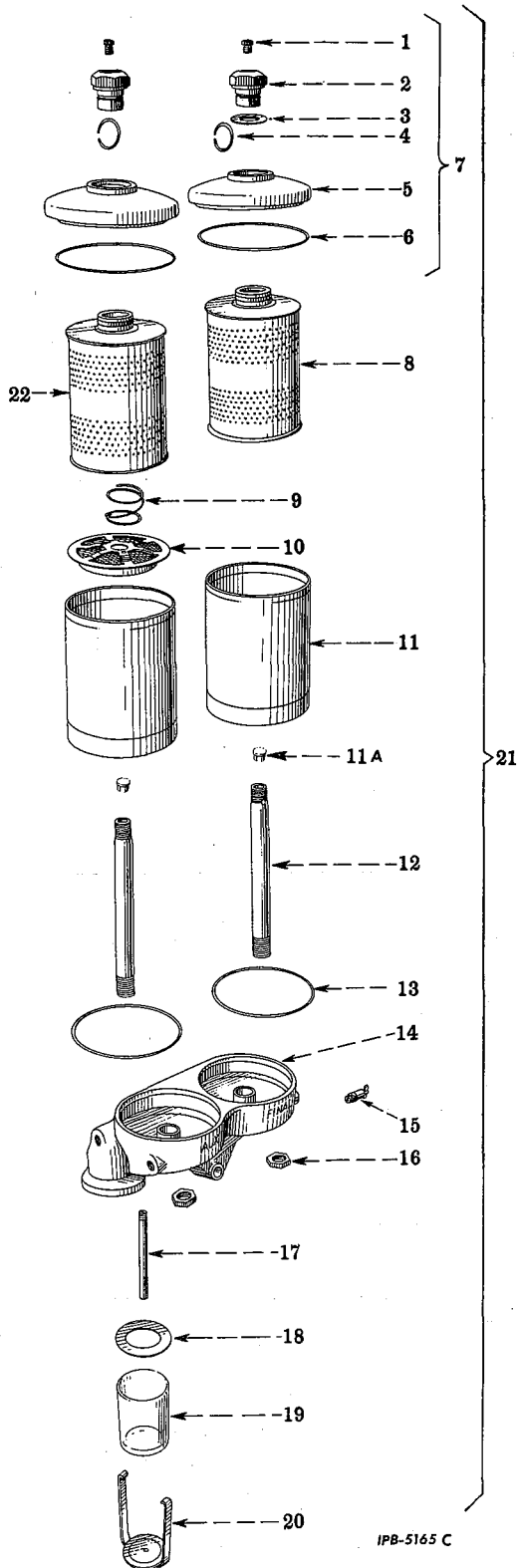
REF. NO.	I. H. PART NUMBER	DESCRIPTION
	306 149 R91	ATTACHMENT, watch dog fuel filter (Consists of the following parts) (See NOTES 1 and 3)
1	277 256 R91	HOSE, watch dog filter to injection pump
2	120 499	ELBOW, watch dog filter outlet
3	277 027 R2	BRACKET, watch dog filter 5/16" NUT 5/16 x 2-3/4" hex-hd. cap SCREW 5/16" lock WASHER
4	277 025 R92	FILTER, watch dog fuel

REF. NO.	I. H. PART NUMBER	DESCRIPTION
5	270 981 R1	ELBOW, filter inlet
6	277 041 R91	HOSE, final filter to watch dog filter
7	277 026 R2	BRACKET, watch dog filter to final filter
8	37 323 D	TEE, final filter outlet (not part of attachment)

NOTE 1 - Factory Application - Order on Machine Order Form
NOTE 3 - Field Application - Order through Regular Service Parts Channels

FUEL SYSTEM

FUEL FILTER
(Dual)



FUEL SYSTEM

REF. NO.	I. H. PART NUMBER	DESCRIPTION
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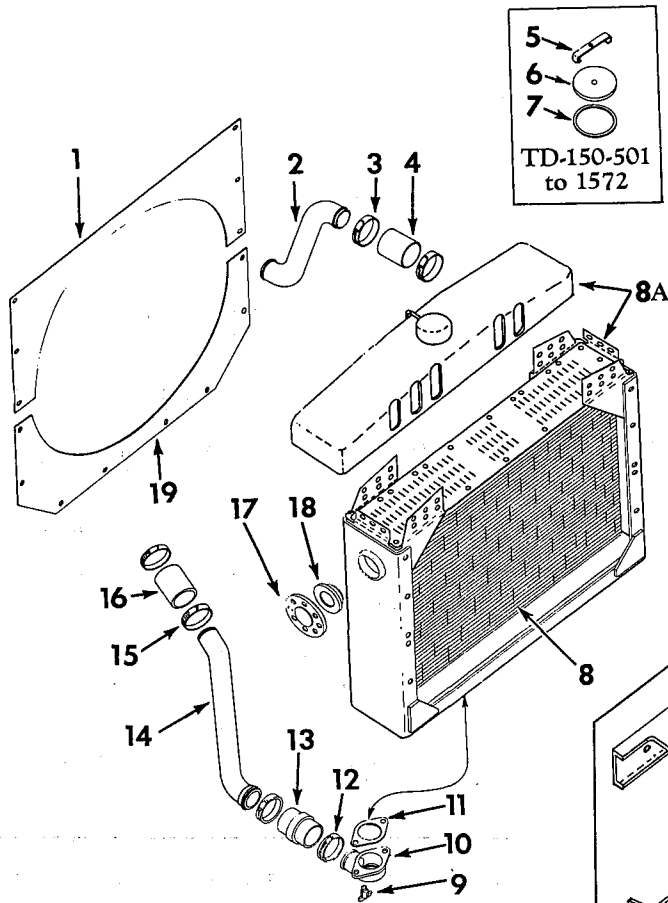
FUEL FILTER -- CONTINUED
(Dual)

1	275 634 R1	BLEEDER, fuel filter (2)
2	276 069 R1	NUT, fuel filter cover (2)
3	261 535 R1	GASKET, fuel filter cover nut (2)
4	260 705 R1	RING, retaining fuel filter cover nut (2)
5	261 192 R91	COVER, fuel filter case (2)
6	260 839 R1	GASKET, fuel filter case cover (2)
7	261 193 R91	COVER ASSEMBLY, fuel filter case (2) (Composed of -
	1	BLEEDER 275 634 R1
	1	COVER 261 192 R91
	1	GASKET 260 839 R1
	1	GASKET 261 535 R1
	1	NUT 276 069 R1
	1	RING 260 705 R1
8	323 960 R91	PACKAGE, final fuel filter element field service (paper) (Consists of ELEMENT, and GASKET, 260 839 R1)
9	260 707 R1	SPRING, water separator screen
10	260 706 R91	SCREEN, water separator
11	260 699 R1	CASE, fuel filter (2)
11A	277 475 R1	PLUG, fuel filter stud (2)
12	260 700 R1	STUD, fuel filter case (2)
13	260 710 R2	RING, fuel filter case seal (2)
14	260 698 R21	BASE w/STUD, 260 700 R1 fuel filter
15	9 982 T	VALVE, fuel filter drain (2)
16	260 701 R2	NUT, fuel filter case stud lock (2)
17	260 709 R1	PIPE, water trap drain
18	260 708 R2	GASKET, water trap bowl
19	60 877 D	GLASS, water trap
20	60 878 DX	BAIL, water trap
21	260 712 R91	FILTER ASSEMBLY, fuel 1/2" NUT (3) 1/2 x 2-3/4" hex-hd. cap SCREW (3) 1/2" lock WASHER (3)
22	323 960 R91	PACKAGE, auxiliary fuel filter field service (paper) (Consists of ELEMENT and GASKET, 260 839 R1) (required when used in areas where plugging of filter is not encountered)
22	279 979 R91	ELEMENT, auxiliary fuel filter field service (cotton) (required when used in areas where plugging of filter is encountered)



COOLING SYSTEM

RADIATOR AND CONNECTIONS (TD-15-150 Series)



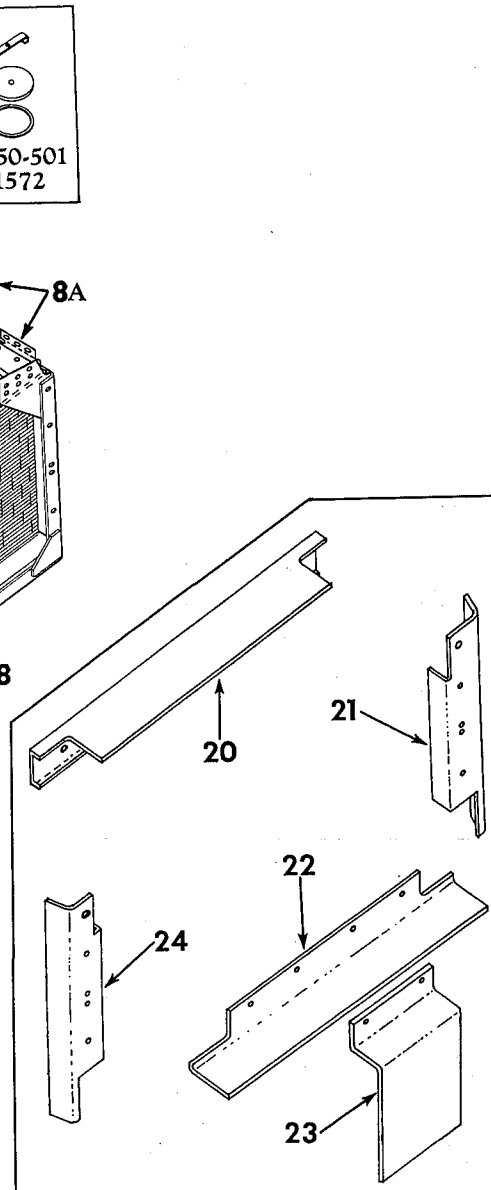
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REF. NO.	I.H. PART NUMBER	DESCRIPTION
1	322 451 R91	SHROUD, upper fan (\$)
1	304 287 R1	SHROUD, upper fan (not \$) 3/8 x 1/2" hex-hd cap SCREW (2) 5/16NF x 1/2" hex-hd cap SCREW (4) 5/16" lock WASHER (4) 3/8" lock WASHER (2) 11/32 x 11/16 x 16 ga WASHER (4) 13/32 x 13/16 x 16 ga WASHER (2)
2	304 290 R1	PIPE, radiator inlet
3	274 088 R91	CLAMP, radiator inlet hose (4)



COOLING SYSTEM

RADIATOR AND CONNECTIONS - CONTINUED (TD-15-150 Series)



REF. NO.	I.H. PART NUMBER	DESCRIPTION
4	276 915 R2	HOSE, radiator inlet (\$)
4	304 223 R1	HOSE, radiator inlet (not \$) (2)
5	303 856 R1	CLAMP, radiator cap TD-150-501 to 1572 3/8 x 3/4" hex-hd cap SCREW
6	303 855 R11	CAP w/GASKET, 266 865 R1, radiator TD-150-501 to 1572
7	266 865 R1	GASKET, radiator cap TD-150-501 to 1572

\$ - Part of Increased Cooling ATTACHMENT, 322 450 R91.



COOLING SYSTEM

REF. NO.	I. H. PART NUMBER	DESCRIPTION
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RADIATOR AND CONNECTIONS - CONTINUED (TD-15-150 Series)

8	274 426 R94	CORE, radiator (not used with increased cooling)
8	348 168 R91	CORE, radiator (%)
8A	303 857 R91	RADIATOR ASSEMBLY (order Radiator, 303 854 R95, CLIP, 300 916 R1, HOSE, 307 345 R1 and TUBE, 307 373 R1) (not used with outboard fan) (Composed of - 1 CAP 303 855 R11 1 CLAMP 303 856 R1 1 NECK 274 407 R1 §1 TANK)
8A	308 854 R95	RADIATOR w/TANK (not used with outboard fan) (together with CLIP, 300 916 R1, HOSE, 307 345 R1 and TUBE, 307 373 R1 will work for 303 857 R91) (not used with increased cooling)
8A	322 389 R91	RADIATOR w/TANK (%)
8A	322 390 R91	RADIATOR w/TANK (†)
8A	322 391 R91	RADIATOR w/TANK (\$)
9	31 729 D	VALVE, radiator outlet elbow drain
10	305 254 R1	ELBOW, radiator outlet 3/8 x 1" hex-hd cap SCREW (2) 3/8" lock WASHER (2)
11	274 395 R1	GASKET, radiator outlet elbow
12	274 089 R91	CLAMP, radiator outlet hose (2)
13	48 918 DA	HOSE, radiator outlet (not \$)
13	58 058 DAM	HOSE, radiator outlet (\$)
14	320 341 R1	PIPE, engine inlet (†)
14	304 241 R1	PIPE, engine inlet (not †)
15	274 088 R91	CLAMP, engine inlet pipe hose (not †) (2)
15	274 089 R91	CLAMP, engine inlet pipe hose (†) (2)
16	48 918 DA	HOSE, engine inlet pipe (†)
16	50 531 DA	HOSE, engine inlet pipe (not †)
17	311 218 R1	BRACKET, radiator mounting (will work for 274 286 R2) (4)
	311 219 R1	BOLT, radiator mounting (16)
18	274 287 R2	MOUNTING, radiator rubber (4)
19	322 452 R91	SHROUD, lower fan (\$)
19	304 288 R1	SHROUD, lower fan (not \$) 5/16NF x 1/2" hex-hd cap SCREW (8) 5/16" lock WASHER (8) 11/32 x 11/16 x 16 ga WASHER (8)
20	322 393 R1	BAFFLE, radiator top (%) (†)
20	322 454 R1	BAFFLE, radiator top (\$) 3/8 x 1/2" hex-hd cap SCREW (4) 3/8" lock WASHER (4)
21	322 394 R1	BAFFLE, radiator LH side (%) (†) (\$) 5/16NF x 1/2" hex-hd cap SCREW (4) 5/16" lock WASHER (4)
22	322 396 R1	BAFFLE, radiator bottom (%) (†)
22	322 455 R1	BAFFLE, radiator bottom (\$) 5/16NF x 1/2" hex-hd cap SCREW (4) 5/16" lock WASHER (4)



COOLING SYSTEM

REF. NO.	I. H. PART NUMBER	DESCRIPTION
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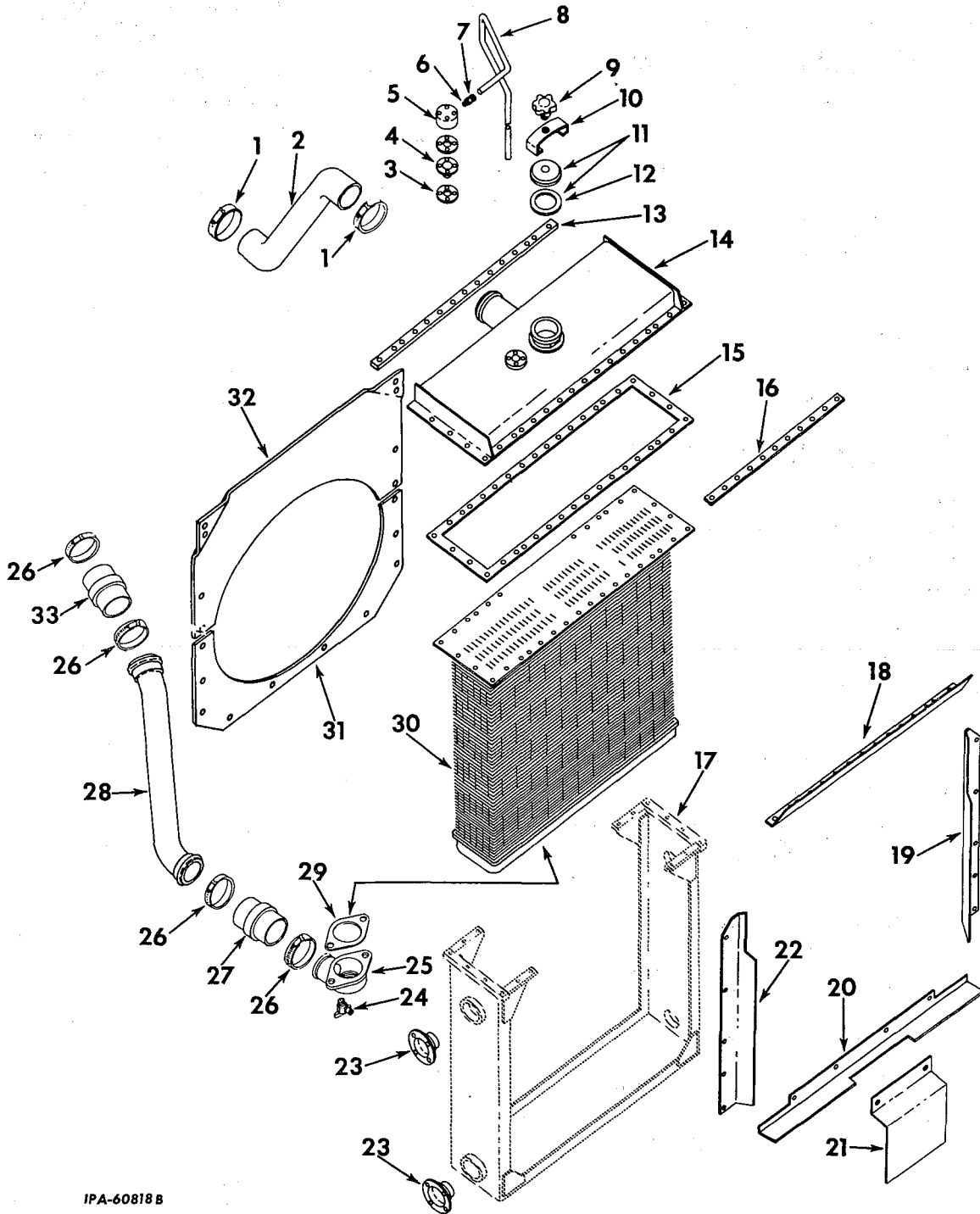
RADIATOR AND CONNECTIONS - CONTINUED (TD-15-150 Series)

23	322 397 R1	BAFFLE, radiator center (%) (†)
23	322 456 R1	BAFFLE, radiator center (\$) 5/16NF x 1/2" hex-hd cap SCREW (2) 5/16" lock WASHER (2)
24	322 395 R1	BAFFLE, radiator RH side (%) (†) (\$) 5/16NF x 1/2" hex-hd cap SCREW (4) 5/16" lock WASHER (4)
	322 457 R91	BRACKET, radiator mounting offset (4)
	274 407 R2	NECK, radiator TD-150-501 to 1572

% - Part of Increased Cooling ATTACHMENT, 322 392 R91.
 † - Part of Increased Cooling ATTACHMENT, 322 399 R91.
 \$ - Part of Increased Cooling Attachment, 322 450 R91.
 § - Not Furnished Separately

COOLING SYSTEM

RADIATOR AND CONNECTIONS
(TD-15-151 Series)



IPA-60818 B

COOLING SYSTEM

RADIATOR AND CONNECTIONS - CONTINUED
(TD-15-151 Series)


COOLING SYSTEM

REF. NO.	I.H. PART NUMBER	DESCRIPTION
RADIATOR AND CONNECTIONS - CONTINUED (TD-15-151 Series)		
1	274 088 R91	CLAMP, radiator inlet pipe (2)
2	322 000 R1	PIPE, radiator inlet
3	320 391 R1	GASKET, radiator pressure relief valve (2)
4	321 149 R91	VALVE, radiator pressure relief
5	320 390 R1	HOUSING, radiator pressure relief valve 3/8 x 2" hex-hd cap SCREW (4) 3/8" lock WASHER (4)
6	95 552 R1	BODY, radiator overflow pipe (optional with 324 005 R1)
6	324 005 R1	BODY, radiator overflow pipe (optional with 95 552 R1)
7	120 131 120 130	NUT, radiator overflow pipe coupling SLEEVE, 1/2" OD tubing
8	322 009 R1 274 239 R1	PIPE, radiator overflow (not -) CLIP, radiator overflow pipe
8	322 655 R1	PIPE, radiator overflow (-)
9	262 603 R11	HANDLE, radiator filler cap clamp
10	259 603 R91	CLAMP, radiator filler cap
11	259 599 R91	CAP w/GASKET, 259 598 R2, radiator filler
12	259 598 R2	GASKET, radiator cap
13	322 006 R1	BAR, radiator upper water tank mounting
14	322 001 R91	TANK, radiator upper water 3/8" NUT (13) 3/8 x 1" hex-hd cap SCREW (25) 3/8 x 1-1/8" hex-hd cap SCREW (9) 3/8" lock WASHER (34)
15	322 008 R1	GASKET, radiator upper water tank
16	322 007 R1	STIFFENER, upper radiator core (2)
17		FRAME (Not Furnished Separately)
18	322 058 R1	BAFFLE, radiator air flow top
19	322 059 R1	BAFFLE, LH radiator air flow
20	322 061 R1	BAFFLE, bottom radiator air flow (not %)
20	322 525 R1	BAFFLE, bottom radiator air flow (%)
21	322 062 R1	BAFFLE, radiator air flow bottom center (not %)
21	322 456 R1	BAFFLE, radiator air flow bottom center (%)
22	322 060 R1	BAFFLE, RH radiator air flow
23	311 218 R1 311 219 R1 274 287 R2	BRACKET, radiator mounting (4) BOLT, radiator mounting (16) MOUNTING, radiator rubber (4)
24	31 729 D	VALVE, radiator drain
25	305 254 R1	ELBOW, radiator outlet 3/8 x 1" hex-hd cap SCREW (2) 3/8" lock WASHER (2)
26	274 089 R91	CLAMP, radiator outlet hose (4)
27	48 918 DA	HOSE, radiator outlet (not %)
27	58 058 DAM	HOSE, radiator outlet (%)
28	320 341 R1	PIPE, engine inlet


COOLING SYSTEM

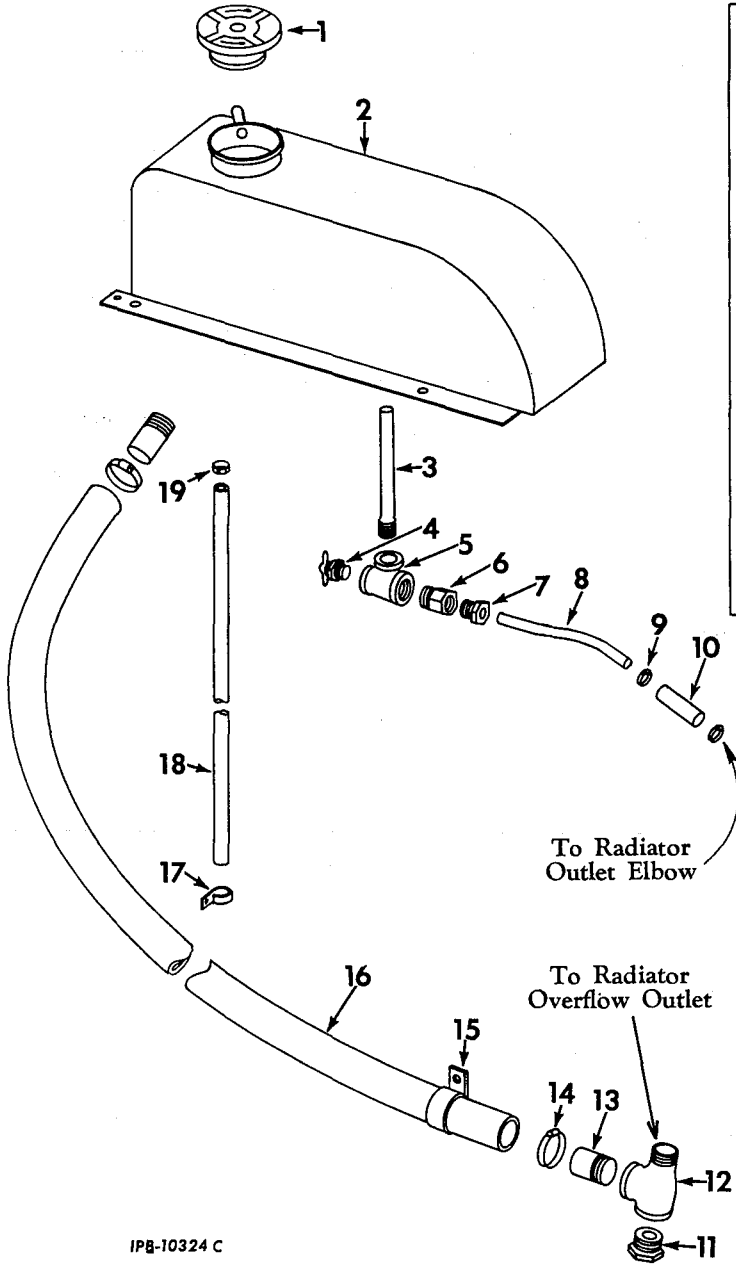
REF. NO.	I.H. PART NUMBER	DESCRIPTION
RADIATOR AND CONNECTIONS - CONTINUED (TD-15-151 Series)		
29	274 395 R1	GASKET, radiator outlet elbow
30	348 093 R91	CORE, radiator (not %)
30	348 192 R91	CORE, radiator (%)
31	322 011 R21	SHROUD, lower fan 3/8NF x 1/2" hex-hd cap SCREW (10) 3/8" lock WASHER (10) 13/32 x 13/16" x 16 ga flat WASHER (10)
32	322 010 R21	SHROUD, upper fan 3/8NF x 1/2" hex-hd cap SCREW (8) 3/8" lock WASHER (8) 13/32 x 13/16" x 16 ga flat WASHER (8)
33	48 918 DA	HOSE, engine inlet
	322 457 R91	BRACKET, radiator mounting offset (%) (4)

(%) - Part of Increased Cooling
ATTACHMENT, 322 527 R91.
(-) - Used on Paywelder and Backfiller
Equipment Combinations.



COOLING SYSTEM

RADIATOR AUXILIARY TANK AND CONNECTIONS (TD-15-150 Series)



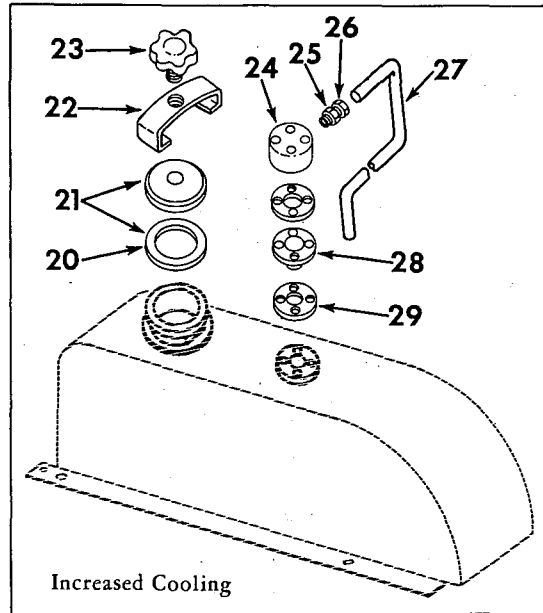
IPB-10324 C

REF. NO.	I. H. PART NUMBER	DESCRIPTION
1	310 715 R91	CAP, radiator auxiliary tank pressure (will work for 274 236 R91)
2	303 866 R91	TANK w/CAP, 274 236 R91 radiator auxiliary 3/8 x 1" hex-hd. cap SCREW (4) 3/8" lock WASHER (4)
3	303 867 R11	PIPE, radiator auxiliary tank stand



COOLING SYSTEM

RADIATOR AUXILIARY TANK AND CONNECTIONS - CONTINUED (TD-15-150 Series)



REF. NO.	I. H. PART NUMBER	DESCRIPTION
4	31 729 D	VALVE, radiator auxiliary tank drain
5	179 615	TEE, radiator auxiliary tank stand pipe (1/2 x 3/8 x 1/2")
6	18 506 R1	CONNECTOR, radiator to auxiliary tank tube
7	37 288 H	NUT, radiator to auxiliary tank tube connector



COOLING SYSTEM

REF. NO.	I.H. PART NUMBER	DESCRIPTION
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RADIATOR AUXILIARY TANK AND CONNECTIONS - CONTINUED (TD-15-150 Series)

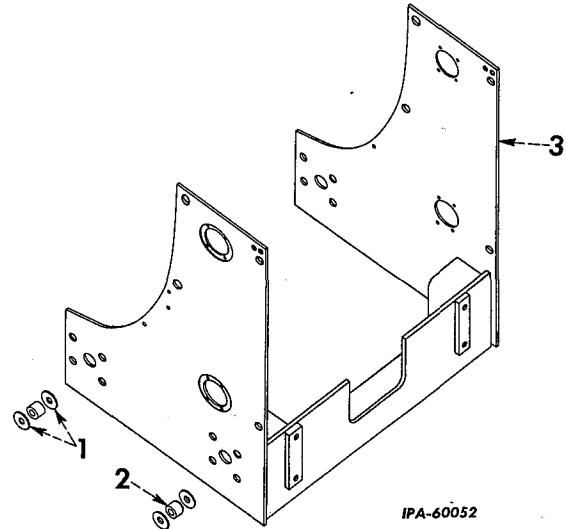
8		TUBE, radiator to auxiliary tank TD-150-501 to 1572 (order the following parts - 1 CLIP 300 916 R1 1 HOSE 307 345 R1 1 TUBE 307 373 R1) (will work for 305 252 R1)
8	307 373 R1	TUBE, radiator to auxiliary tank (TD-150-1573 to 4000)
9	274 085 R91	CLAMP, radiator auxiliary tank overflow tube hose
10	307 345 R1	HOSE, radiator overflow pipe (8" long) (will work for 278 572 R1)
11	142 263	BUSHING, radiator outlet elbow service tee reducing pipe (1 x 3/8")
12	305 122 R1	TEE, radiator outlet elbow service (1")
13	303 870 R1	NIPPLE, radiator auxiliary tank outlet (2)
14	274 087 R91	CLAMP, radiator auxiliary tank to engine inlet pipe hose (2)
15	279 135 R1	CLIP, radiator auxiliary tank to engine inlet pipe (mounted on forward bolt of rear valve cover)
16	305 253 R1	HOSE, radiator auxiliary tank to engine inlet pipe
17	267 788 R91	CLIP, radiator auxiliary tank overflow tube hose (mounted to capscrew on LH side of dash)
18	303 868 R1	HOSE, radiator auxiliary tank overflow tube
19	274 085 R91	CLAMP, radiator overflow pipe connecting hose
20	259 598 R2	GASKET, auxiliary tank filler cap (*)
21	259 599 R91	CAP w/GASKET, 259 598 R2, auxiliary tank filler (*)
22	259 603 R91	CLAMP, auxiliary tank filler cap (*)
23	262 603 R11	HANDLE, auxiliary tank filler cap clamp (*)
24	320 390 R1	HOUSING, pressure relief valve (*) 3/8 x 2" hex-hd cap SCREW (4) 3/8" lock WASHER (4)
25	18 506 R1	CONNECTOR, auxiliary tank overflow tube (*)
26	371 217 R1	NUT, auxiliary tank overflow tube connector (*)
27	322 398 R1	TUBE, auxiliary tank overflow (*)
28	321 149 R91	VALVE, pressure relief (*)
29	320 391 R1	GASKET, pressure relief valve (*)
	300 916 R1	CLIP, (TD-150-1573 to 4000)
	274 407 R2	NECK, radiator auxiliary tank filler

(*) - Part of Increased Cooling ATTACHMENTS, 322 392 R91, 322 399 R91 and 322 450 R91.



COOLING SYSTEM

RADIATOR MOUNTING FRAME



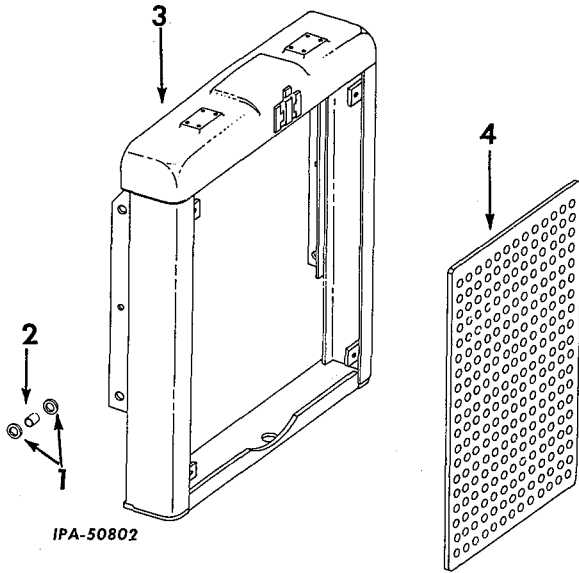
REF. NO.	I.H. PART NUMBER	DESCRIPTION
1	274 289 R1	RETAINER, radiator mounting frame dowel (4) 1/2" NUT (4) 1/2 x 1-1/4" hex-hd cap SCREW (4) 1/2" lock WASHER (4)
2	274 288 R1	DOWEL, radiator mounting frame (4)
3	314 017 R91	FRAME, radiator mounting (will work for 304 266 R91) (TD-150 501 to 2606)
3	307 646 R91	FRAME, radiator mounting (TD-150 2607 to 4000)
3	322 055 R91	FRAME, radiator mounting (TD-151-4001 up) 7/8" NUT (16) 7/8 x 1-1/4" hex-hd cap SCREW (16)



COOLING SYSTEM

RADIATOR GUARD (TD-15-150 SERIES)

(For use with machines equipped with radiator mounting Frame 304 266 R91 or 314 017 R91)(not used with equipment combination TD-15-420-1)



IPA-50802

REF. NO.	I.H. PART NUMBER	DESCRIPTION
	304 274 R91	ATTACHMENT, radiator guard (Consists of the following parts) (See NOTE 3)
1	303 667 R1	RETAINER, radiator guard spacer (8) 3/8 x 3/4" hex-hd. cap SCREW (8)
	274 918 R1	WASHER, hood (8) 3/8" lock WASHER (8)
2	303 666 R1	SPACER, radiator guard mounting (4)
3	304 325 R91	GUARD, radiator (order radiator GUARD, 309 252 R91 and installation drawing, IZG-4702) 3/4" NUT (4) 3/4 x 2" hex-hd cap SCREW (4)
4	304 331 R1	DOOR, radiator guard grille (order PACKAGE, 320 356 R91) 1/2 x 1" hex-hd cap SCREW (4) 1/2" lock WASHER (4)
	IZG 4540	DRAWING, radiator guard door installation
	IZG 4702	DRAWING, radiator guard installation
	320 356 R91	PACKAGE, radiator guard door field service (Consists of -
	1	DOOR 307 679 R21
	1	DOOR 307 680 R21
	1	DRAWING IZG 4540
	§4	PIN
	2	PIN 299 842 R1
	2	PIN 517 843 R1

NOTE 3 - Field Application - Order through Regular Service Parts Channels.

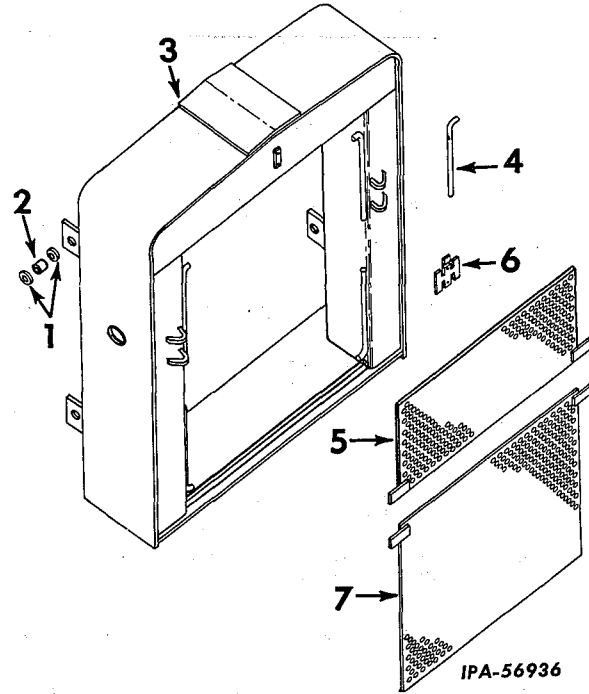
§ - Not Furnished Separately



COOLING SYSTEM

RADIATOR GUARD (TD-15-150 Series)

(Not used with equipment combination TD-15-420-1)(For use with machines equipped with radiator mounting frame 307 646 R91)



IPA-56936

REF. NO.	I.H. PART NUMBER	DESCRIPTION
	307 688 R91	ATTACHMENT, radiator guard (for use with machines equipped with radiator mounting frame 307 646 R91) (See NOTE 3) (Consists of the following parts)
1	303 667 R1	RETAINER, radiator guard mounting dowel (8) 3/4" NUT (4) 3/4 x 2-1/2" hex-hd. cap SCREW (4)
2	311 140 R1	SPACER, radiator guard mounting (4)
3	309 252 R91	GUARD, radiator
4	299 842 R1	PIN, radiator guard door latch (2)
5	307 680 R21	DOOR, radiator guard upper
6	311 263 R1	EMBLEM, "I. H." No. 4 x 1/4" drive SCREW (2)
7	307 679 R21	DOOR, radiator guard lower
	517 843 R1	PIN, Q. A. cotter (2)



COOLING SYSTEM

REF. NO.	I. H. PART NUMBER	DESCRIPTION
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RADIATOR CABLE GUARD CONVERSION PACKAGE

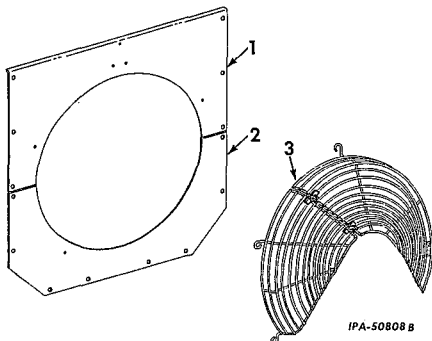
(X) - KEY TO UNITS -

- A- 311 097 R91 PACKAGE, radiator cable guard conversion field service (for converting radiator guard, 309 252 R91 into a front cable control unit guard)(use four-part reeving and four-part cable control controls in conjunction with this conversion package)
- B- 311 098 R91 PACKAGE, radiator cable guard conversion field service (for converting radiator guard, 309 252 R91 into a rear cable control unit guard) (use four-part reeving in conjunction with this conversion package)

(X) - Letters of these units correspond with those shown following the description of the parts in the list below and identifies the unit for which the part is used. Items without letters after the description indicates the part is used for all units.

- 307 681 R11 DOOR, radiator guard lower (Unit A)
- 303 669 R1 DOWEL, radiator guard mounting (4)
- FRAME, corner sheave (not furnished separately)
- FRAME, side sheave (not furnished separately) (Unit B)
- GUARD, control shaft (not furnished separately)(Unit A)
- PLATE, control tube collar (not furnished separately)(Unit A)
- 303 667 R1 RETAINER, door (8)
3/4" NUT (4)
3/4 x 2-1/2" hex-hd. cap SCREW (4)
- SUPPORT, upper sheave block (not furnished separately)
- TUBE, control (not furnished separately) (Unit A)

FAN GUARD



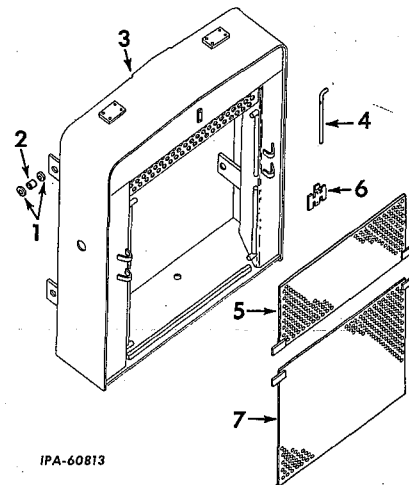
COOLING SYSTEM

REF. NO.	I. H. PART NUMBER	DESCRIPTION
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FAN GUARD - CONTINUED

- 322 197 R92 ATTACHMENT, fan guard (Consists of Ref. No. 3) (TD-15-151 Series) (See NOTES 1 and 3)
- 304 561 R92 ATTACHMENT, fan guard (Consists of reference 1 thru 3 inclusive) (TD-15-150 Series) (See NOTE 3)
- 1 304 562 R11 SHROUD, upper fan
- 2 304 563 R11 SHROUD, lower fan
- 3 307 381 R92 GUARD, fan
5/16" NUT (2)
5/16 x 3/4" hex-hd cap SCREW (6)
5/16" lock WASHER (6)
- 615 031 R1 WASHER, 3/8 x 7/8" x No. 14 ga. plain (4)

RADIATOR GUARD (TD-15-151 SERIES)



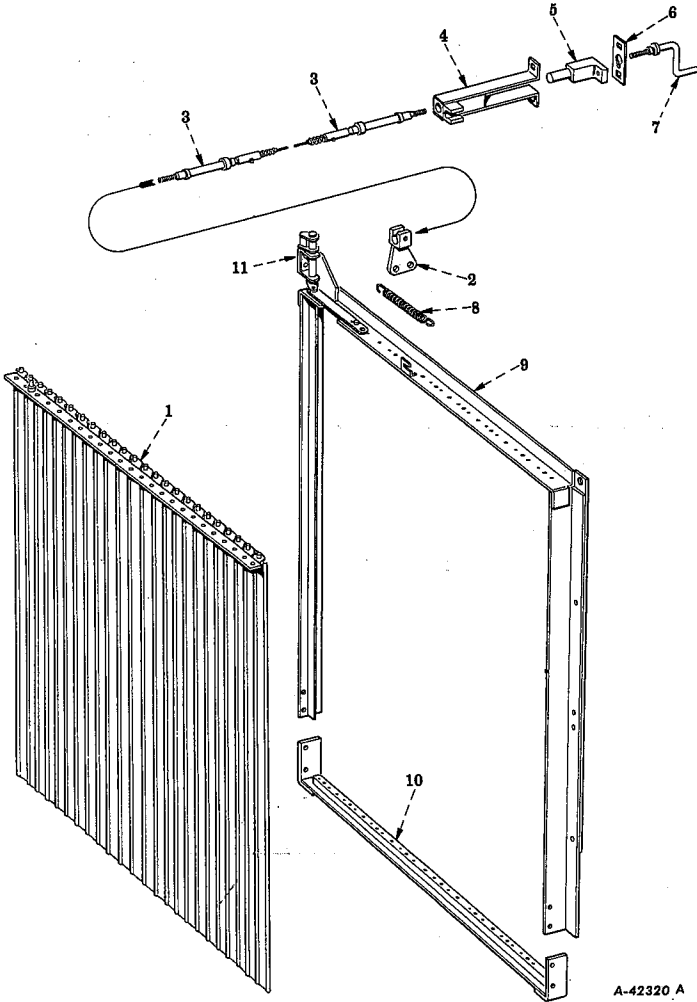
REF. NO.	I. H. PART NUMBER	DESCRIPTION
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- 322 106 R91 ATTACHMENT, radiator guard (Consists of the following parts) (See NOTES 1 and 3)
- 1 303 667 R1 RETAINER, radiator guard mounting (8)
3/4" NUT (4)
3/4 x 2-1/2" hex-hd cap SCREW (4)
- 2 311 140 R1 SPACER, mounting (4)
- 3 322 075 R91 GUARD, radiator
- 4 299 842 R1 PIN, door latch (2)
517 843 R1 PIN, Q-A. cotter (2)
- 5 307 680 R21 DOOR, radiator guard upper
- 6 311 263 R1 EMBLEM, I. H.
No. 4 x 1/4" drive SCREW (2)
- 7 307 679 R21 DOOR, radiator guard lower

NOTE 1 - Factory Application - Order on Machine Order Form
NOTE 3 - Field Application - Order through Regular Service Parts Channels

COOLING SYSTEM

RADIATOR SHUTTER (TD-15-150 Series)



A-42320 A

REF. NO.	I.H. PART NUMBER	DESCRIPTION
	304 248 R91	ATTACHMENT, radiator shutter (See NOTE 3) (Consists of the following parts)
1	274 816 R91	SHUTTER w/operating BAR (24666)
2	274 602 R11	BRACKET, radiator shutter control rod front anchor 3/8 x 5/8" hex-hd. cap SCREW (2) 3/8" lock WASHER (2)
3	274 583 R91	ROD, radiator shutter control 1/4NF jam NUT (3) 5/16 x 1" hex-hd. cap SCREW (2) 5/16" lock WASHER (2)
4	274 604 R11	BRACKET, radiator shutter control rod rear anchor
	14 993 R1	BOLT, 1/4 x 3/4" short sq-neck carriage (2) 1/4" NUT (2) 1/4" lock WASHER (2)
5	274 607 R1	COLLAR, radiator shutter control crank (threaded)

COOLING SYSTEM

REF. NO.	I.H. PART NUMBER	DESCRIPTION
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RADIATOR SHUTTER - CONTINUED (TD-15-150 Series)

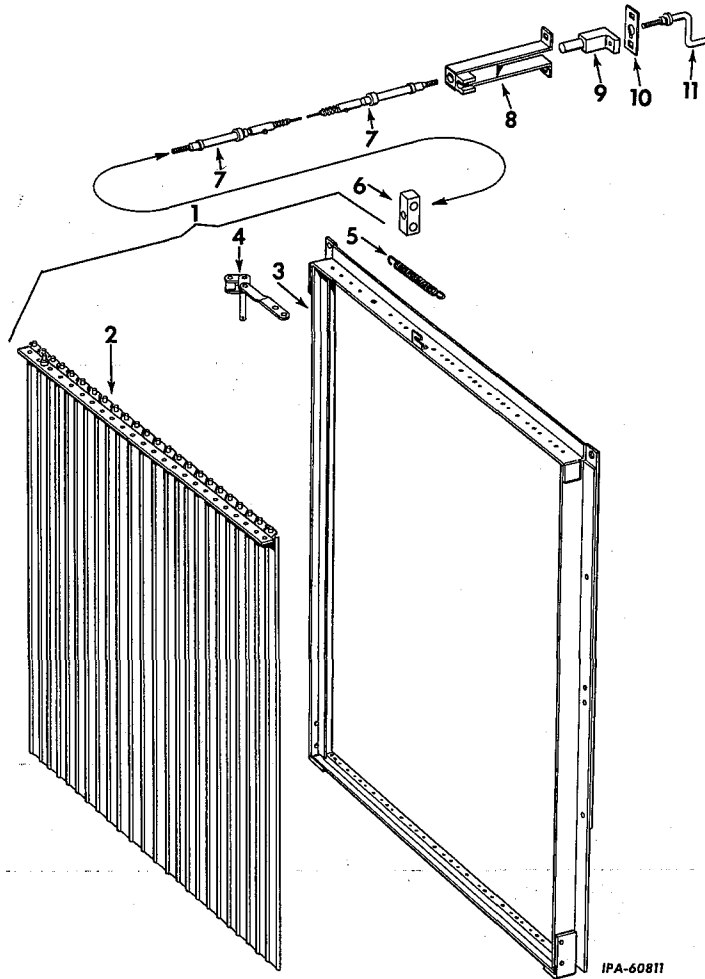
6	274 606 R1	SPACER, radiator shutter control crank
7	274 608 R11	CRANK, radiator shutter control
8	47 530 D	SPRING (15549)
9	274 814 R91	FRAME w/bearing BAR (24669) 3/32 x 5/8" cotter PIN No. 10NF x 2" hex-hd. cap SCREW (2) No. 10 lock WASHER (6)
	16 559 R1	WASHER, 17/64 x 5/8 x .065 ga. steel
10	274 815 R91	BAR, bottom tie (24668)
	263 514 R91	CLIP, radiator shutter control rod (mounted on thermostat housing) 3/8 x 1/2" hex-hd. cap SCREW 3/8" lock WASHER
11		Not Furnished Separately
	273 290 R91	SHUTTER ASSEMBLY, radiator (24640) (Composed of - 1 BAR 274 815 R91 1 FRAME 274 814 R91 1 SHUTTER 274 816 R91 1 SPRING 47 530 D 1 WASHER 16 559 R1) 5/16NF x 3/4" hex-hd. cap SCREW (12) 3/8 x 1" hex-hd. cap SCREW (2) 5/16" lock WASHER (12) 3/8" lock WASHER (2) 13/32 x 13/16 x No. 16 ga. flat WASHER (12)
Q 397		WASHER, 11/32 x 3/4" x No. 16 ga. flat (12)

NOTE 3 - Field Application - Order through Regular Service Parts Channels



COOLING SYSTEM

RADIATOR SHUTTER
(TD-15-151 Series)



IPA-60811



COOLING SYSTEM

RADIATOR SHUTTER - CONTINUED
(TD-15-151 Series)

REF. NO.	I. H. PART NUMBER	DESCRIPTION
	322 198 R91	ATTACHMENT, radiator shutter (not used on units equipped with Outboard Fan) (Consists of the following parts) (See NOTES 1 and 3)
1	321 383 R91	SHUTTER ASSEMBLY, radiator (28880) 3/8NF x 3/4" hex-hd cap SCREW (2) 3/8NF x 1" hex-hd cap SCREW (12) 3/8" lock WASHER (12) 13/32 x 13/16 x 16 ga. WASHER (14)
2	321 731 R91	SHUTTER and BAR (28889) 5/16NF NUT (4) 5/16NF x 5/8" hex-hd cap SCREW (4) 5/16" lock WASHER (4)
3		FRAME (Not Furnished Separately)
4	321 732 R91	LINK, bellcrank (28893) 3/32 x 5/8" cotter PIN
	301 871 R1	5/16NF x 1/2" hex-hd cap SCREW (2) WASHER, 25/64" (23259) 5/16" lock WASHER (2)
5	47 530 D	SPRING, link (15549)
6	322 226 R1	BAR, shutter control rod mounting 3/8 x 1-1/4" hex-hd cap SCREW (2) 3/8" lock WASHER (2)

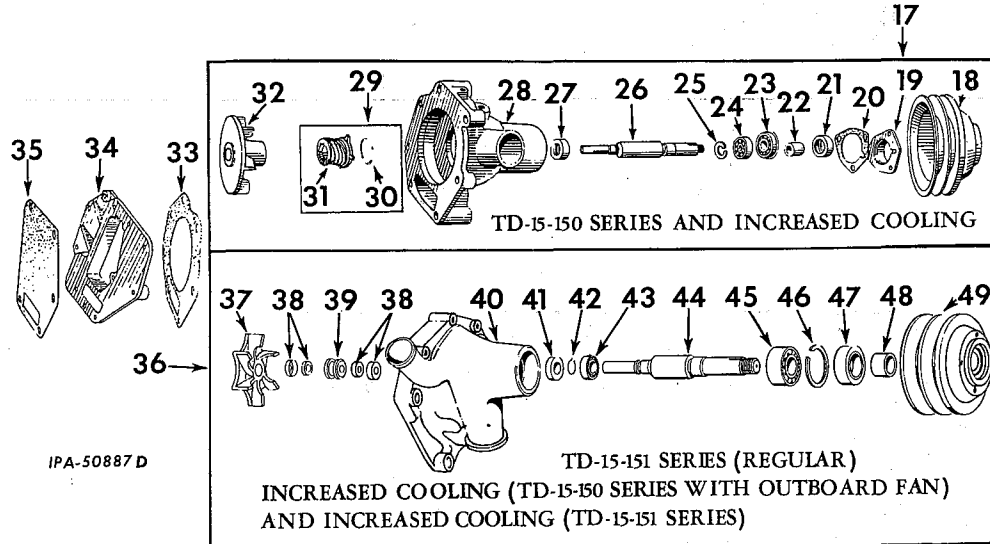
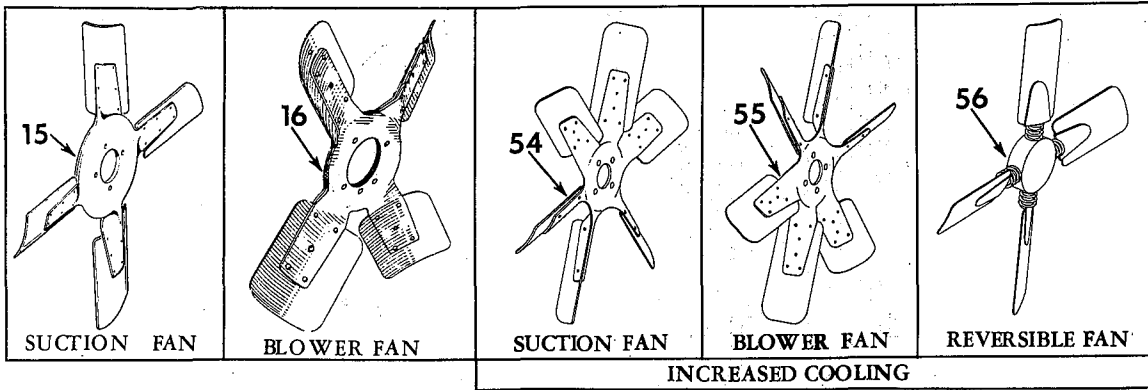
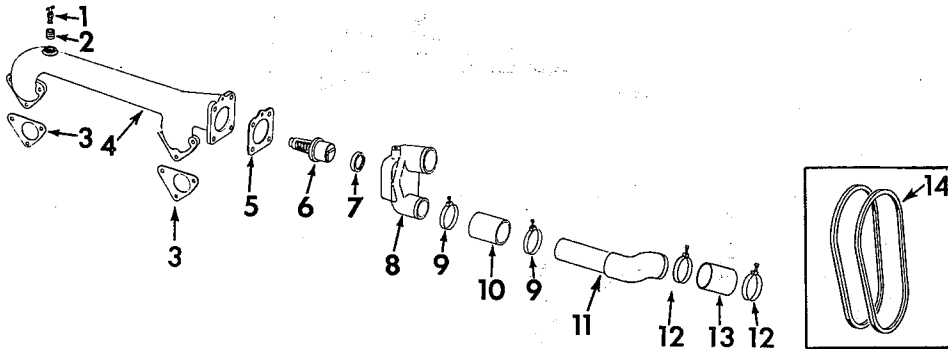
REF. NO.	I. H. PART NUMBER	DESCRIPTION
7	274 583 R91	ROD, radiator shutter control 5/16 x 1" hex-hd cap SCREW (2) 1/4NF jam NUT (3) 5/16" lock WASHER (2)
8	274 604 R11	BRACKET, radiator shutter control rod anchor, rear
	14 993 R1	BOLT, 1/4 x 3/4" sq-neck carriage (short) (2) 1/4" NUT (2) 1/4" lock WASHER (2)
9	274 607 R1	COLLAR, threaded, radiator shutter control crank
10	274 606 R1	SPACER, radiator shutter control crank
11	274 608 R11	CRANK, radiator shutter control
	263 514 R91	CLIP, radiator shutter control rod (on water manifold) 3/8 x 1/2" hex-hd cap SCREW 3/8" lock WASHER PIN, 3/32 x 5/8" cotter WASHER, 1/4"
	16 559 R1	NOTE 1 - Factory Application - Order on Machine Order Form. NOTE 3 - Field Application - Order through Regular Service Parts Channels.

COOLING SYSTEM

WATER PUMP, FAN, FANBELT, THERMOSTATS AND WATER OUTLET MANIFOLD

COOLING SYSTEM

WATER PUMP, FAN, FAN BELT, THERMOSTATS AND WATER OUTLET MANIFOLD - CONTINUED



REF. NO.	I. H. PART NUMBER	DESCRIPTION
1	141 615	VALVE, engine water outlet manifold vent
2	189 063	BUSHING, engine water outlet manifold reducer, 1 x 1/4"
3	251 727 R2	GASKET, engine water outlet manifold (2)

REF. NO.	I. H. PART NUMBER	DESCRIPTION
4	276 460 R12	MANIFOLD w/BUSHING, 189 063 and VALVE, 141 615, engine water outlet 3/8" NUT (6) 3/8" lock WASHER (6)
5	276 463 R1	GASKET, thermostat housing



COOLING SYSTEM

REF. NO.	I. H. PART NUMBER	DESCRIPTION
WATER PUMP, FAN, FAN BELT, THERMOSTATS AND WATER OUTLET MANIFOLD - CONTINUED		
6	276 338 R91	THERMOSTAT (165° - 180° F) (standard) (not high temperature range)
6	276 478 R91	THERMOSTAT (175° - 190° F.) (high temperature range)
7	278 069 R91	SEAL, thermostat ring
8	276 461 R11	HOUSING w/SEAL, 278 069 R91 thermostat 3/8 x 1-1/4" hex-hd cap SCREW (4) 3/8" lock WASHER (4)
9	279 026 R91	CLAMP, engine water outlet manifold by-pass pipe hose (2)
10	278 545 R1	HOSE, engine water outlet manifold by-pass (1-3/4 x 2-1/8 x 3-1/4" long)
11	304 376 R11	ELBOW, water pump by-pass
12	274 087 R91	CLAMP, engine water outlet manifold by-pass pipe hose (2)
13	262 019 R1	HOSE, engine water out manifold by-pass pipe
14	304 071 R11	BELT, fan (1 matched pair)
15	277 701 R91	FAN, suction (24" dia.) (Schwitzer-Cummins)
15	304 861 R91	FAN, suction (24" dia.) (Schwitzer-Cummins) (part of ATTACHMENT, 331 491 R91) 5/16 x 7/8" hex-hd cap SCREW (4) 5/16" lock WASHER (4)
16	274 630 R91	ATTACHMENT, blower fan (tropical climate application) (See NOTES 1 and 3)
16	277 084 R91	ATTACHMENT, blower fan (standard application) (See NOTES 1 and 3)
17	304 070 R92	PUMP ASSEMBLY, water (less fan) (TD-15-150) (also % and †) (Composed of - 1 BEARING ST 262 1 BEARING 273 294 R91 1 BODY 316 377 R1 1 GASKET 257 214 R1 1 HOUSING 257 213 R1 1 IMPELLER 316 378 R1 1 KEY 103 907 1 NUT 257 217 R1 1 PLUG 103 867 1 PLUG 116 566 1 PLUG 126 045 1 PULLEY 304 069 R1 1 RING 257 211 R1 1 SEAL 257 215 R91 1 SEAL 279 930 R91 1 SEAL 338 394 R91 1 SEAT 310 447 R91 1 SHAFT 267 634 R2 1 SPACER 257 212 R1)
42 752 D		STUD, water pump (TD-150M-501 to 3213) 1/2" NUT (TD-150M-501 to 3213) 1/2 x 1-3/8" hex-hd cap SCREW (TD-150-3213 to 4000) 1/2 x 2-1/4" hex-hd cap SCREW 1/2 x 3-1/2" hex-hd cap SCREW (2) 1/2" lock WASHER (5)
18	304 069 R1	PULLEY, water pump (TD-15-1501) (also % and †)
	18 501 R1	NUT, water pump pulley
	103 907	KEY, water pump pulley, 3/16 x 7/8" (Woodruff No. 11)
19	257 213 R1	HOUSING, water pump oil seal (TD-15-150) (also % and †) 5/16 x 7/8" hex-hd cap SCREW (3) 5/16" lock WASHER (3)



COOLING SYSTEM

REF. NO.	I. H. PART NUMBER	DESCRIPTION
WATER PUMP, FAN, FAN BELT, THERMOSTATS AND WATER OUTLET MANIFOLD - CONTINUED		
20	257 214 R1	GASKET, water pump oil seal housing (TD-15-150) (also % and †)
21	257 215 R91	OIL SEAL, water pump outer (TD-15-150) (also % and †)
22	257 212 R1	SPACER, water pump bearing (TD-15-150) (also % and †)
23	273 294 R91	BEARING, water pump outer (TD-15-150) (also % and †)
24	ST 262	BEARING, water pump inner (TD-15-150) (also % and †)
25	257 211 R1	RING, water pump bearing snap (inner) (TD-15-150) (also % and †)
26	267 634 R2	SHAFT, water pump (TD-15-150) (also % and †)
27	338 394 R91	OIL SEAL, water pump inner (TD-15-150) (also % and †)
28	316 377 R1	BODY, water pump (together with IMPELLER, 316 378 R1, SEAL, 279 730 R91 and two SEAT, 310 447 R91 will work for 257 471 R2) (TD-15-150) (also % and †)
29	264 968 R93	SEAL, 264 967 R93 w/RING, 98 052 H, water pump (TD-15-150) (also % and †)
30	98 052 H	RING, water pump snap (Schwitzer-Cummins 19395) (TD-15-150) (also % and †)
31	264 967 R93	SEAL, water pump (TD-15-150) (also % and †)
32	251 134 R24	IMPELLER w/SEAL, 264 968 R93 water pump used with BODY, 257 471 R2) (TD-15-150) (also % and †)
32	316 378 R1	IMPELLER, water pump (used with BODY, 316 377 R1) (TD-15-150) (also % and †)
33	318 227 R1	GASKET, water pump cover (TD-15-151)
33	251 719 R2	GASKET, water pump cover (TD-15-150)
34	304 378 R1	PLATE, water pump adapter (together w/SCREW, will work for 304 378 R11) 1/2" NUT (TD-150M-501 to 3213) 1/2 x 1-1/4" hex-hd cap SCREW 1/2 x 1-1/2" hex-hd cap SCREW (2) 1/2 x 2-1/4" hex-hd cap SCREW 1/2" lock WASHER (4) 1/2" internal-tooth lock WASHER
35	251 717 R2	GASKET, water pump
		NOTE 1 - Factory Application - Order on Machine Order Form. NOTE 3 - Field Application - Order through Regular Service Parts Channels.
		% - Part of Increased Cooling ATTACHMENT, 322 392 R91.
		† - Part of Increased Cooling ATTACHMENT, 322 399 R91.
		\$ - Part of Increased Cooling ATTACHMENT, 322 450 R91.
		* - Part of Increased Cooling ATTACHMENT, 322 527 R91.

COOLING SYSTEM

REF. NO.	I.H. PART NUMBER	DESCRIPTION
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WATER PUMP, FAN, FAN BELT, THERMOSTATS AND WATER OUTLET MANIFOLD - CONTINUED

36	318 230 R91	PUMP ASSEMBLY, water (less fan) (TD-15-151) (also \$ and *) (Composed of - 1 BEARING ST 262 1 BEARING 353 652 R91 1 BODY 318 228 R1 1 IMPELLER 318 225 R1 1 KEY 103 907 1 NUT 18 501 R1 1 PLUG 103 867 1 PULLEY 318 312 R11 1 RETAINER 318 311 R1 1 RING 257 211 R1 1 SEAL 279 730 R92 1 SEAL 321 282 R91 1 SEAL 338 394 R91 2 SEAT 310 447 R91 1 SHAFT 318 314 R1) 3/8 x 1-7/8" hex-hd cap SCREW (2) 1/2 x 1-3/8" hex-hd cap SCREW 1/2 x 2" hex-hd cap SCREW (2) 1/2 x 2-1/4" hex-hd cap SCREW 3/8" lock WASHER (2) 1/2" lock WASHER (4)
37	318 225 R1	IMPELLER, water pump (TD-15-151) (also \$ and *)
38	310 447 R91	SEAT, water pump (2) (TD-15-151) (also \$ and *)
39	279 730 R92	SEAL, water pump (TD-15-151) (also \$ and *)
40	318 228 R1	BODY, water pump (TD-15-151) (also \$ and *)
41	338 394 R91	OIL SEAL, water pump inner (TD-15-151) (also \$ and *)
42	257 211 R1	RING, water pump bearing snap (inner) (TD-15-151) (also \$ and *)
43	ST 262	BEARING, water pump inner (TD-15-151) (also \$ and *)
44	318 314 R1	SHAFT, water pump (TD-15-151) (also \$ and *)
45	353 652 R91	BEARING, water pump outer (TD-15-151) (also \$ and *)
46	318 311 R1	RETAINER, water pump bearing (TD-15-151) (also \$ and *)
47	321 282 R91	OIL SEAL, water pump outer (TD-15-151) (also \$ and *)
48	321 283 R1	RING, wear (optional with 321 284 R1) (TD-15-151) (also \$ and *)
48	321 284 R1	RING, wear (optional with 321 283 R1) (TD-15-151) (also \$ and *)
49	318 312 R11 18 501 R1 103 907	PULLEY w/RING, 321 283 R1, water pump (TD-15-151) (also \$ and *) NUT, water pump pulley KEY, water pump pulley, 3/16 x 7/8" (Woodruff No. 11)
50	322 202 R1	SHAFT, outboard fan (†) 5/16 x 1" hex-hd cap SCREW (4) 5/16" lock WASHER (4)
51	103 646	KEY, outboard fan hub (1/8 x 3/4" Woodruff No. 7) (†)
52	307 446 R1	HUB, outboard fan (†)
53	18 453 R1	NUT, 5/8NF elastic stop (†)
54	321 569 R91	FAN, suction (25" dia) (%)
55	321 568 R91	FAN, blower (25" dia) (†)
56	321 567 R91	FAN, reversible (24" dia) (Huber) (\$) (*)
	331 491 R91	ATTACHMENT, suction fan (tropical) (consists of FAN, 304 861 R91) (See NOTES 1 and 3)

COOLING SYSTEM

REF. NO.	I.H. PART NUMBER	DESCRIPTION
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WATER PUMP, FAN, FAN BELT, THERMOSTATS AND WATER OUTLET MANIFOLD - CONTINUED

303 694 R91	ATTACHMENT, high temperature range thermostat (includes THERMOSTAT, 276 478 R91) (See NOTES 1 and 3)
306 272 R1	BOLT, water pump body and generator brace 1/2" NUT 1/2 x 3" hex-hd cap SCREW 1/2 x 1-1/2" hex-hd cap SCREW 1/2 x 2" hex-hd cap SCREW 3/8 x 2-3/4" hex-hd cap SCREW (2) 1/2" lock WASHER (5) 3/8" lock WASHER (2)
103 867	PLUG, idler pipe fan belt
103 867	PLUG, 3/8" sq-hd CI pipe
332 228 R91	PACKAGE, water pump field service (used on pumps with BODY, 316 377 R1) (TD-15-150) (also % and †) (Consists of - 1 BEARING ST 262 1 BEARING 273 294 R91 1 GASKET 251 717 R2 1 GASKET 251 719 R1 1 GASKET 257 214 R1 1 IMPELLER 316 378 R1 1 KEY 103 907 1 NUT 257 217 R1 1 RING 257 211 R1 1 SEAL 257 215 R91 1 SEAL 279 730 R92 1 SEAL 338 394 R91 2 SEAT 310 447 R91 1 SHAFT 267 634 R2 1 SPACER 257 212 R1)
349 257 R91	PACKAGE, water pump field service (used on pumps with BODY, 257 471 R2) (TD-15-150) (also % and †) (Consists of - 1 BEARING ST 262 1 BEARING 273 294 R91 1 GASKET 251 717 R2 1 GASKET 251 719 R1 1 GASKET 257 214 R1 1 IMPELLER 251 134 R24 1 KEY 103 907 1 NUT 257 217 R1 1 RING 257 211 R1 1 SEAL 257 215 R91 1 SEAL 338 394 R91 1 SHAFT 267 634 R2 1 SPACER 257 212 R1)
332 229 R91	PACKAGE, water pump field service (TD-15-151) (also \$ and %) (Consists of - 1 BEARING ST 262 1 BEARING 353 652 R91 1 GASKET 251 717 R2 1 GASKET 318 227 R1 1 IMPELLER 318 225 R1 1 KEY 103 907 1 NUT 18 501 R1 1 RETAINER 318 311 R1 1 RING 257 211 R1 1 KING 321 283 R1 2 SEAT 310 447 R91 1 SEAL 279 730 R92 1 SEAL 321 282 R91 1 SEAL 338 394 R91 1 SHAFT 318 314 R1)

NOTE 1 - Factory Application - Order on Machine Order Form.

NOTE 3 - Field Application - Order through Regular Service Parts Channels.

% - Part of Increased Cooling ATTACHMENT, 322 392 R91.

† - Part of Increased Cooling ATTACHMENT, 322 399 R91.

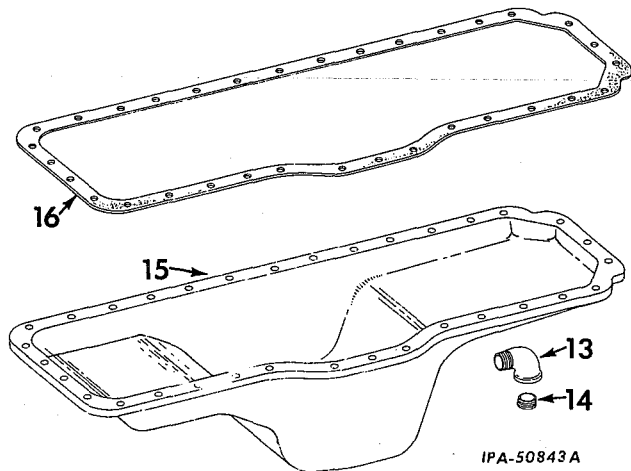
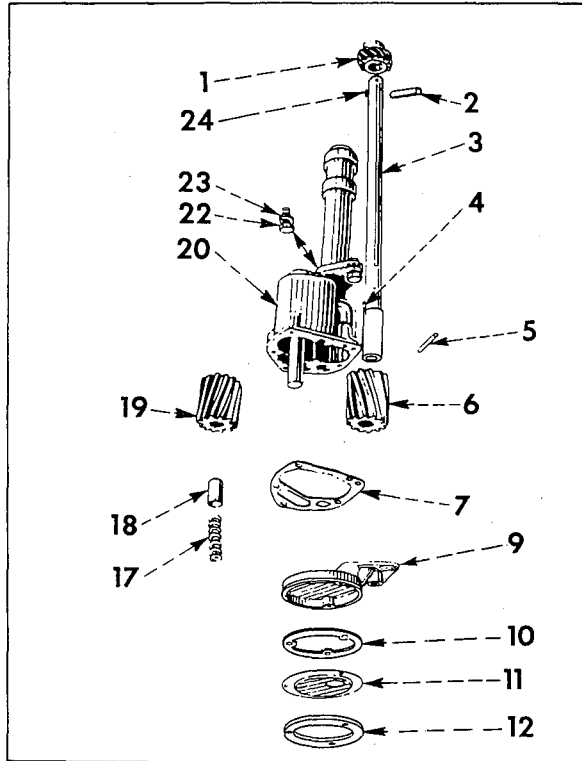
\$ - Part of Increased Cooling ATTACHMENT, 322 450 R91.

* - Part of Increased Cooling ATTACHMENT, 322 527 R91.



LUBRICATING SYSTEM

CRANKCASE OIL PAN AND LUBRICATING PUMP



REF. NO.	I. H. PART NUMBER	DESCRIPTION
1	263 059 R1	PINION, lubricating oil pump drive (14 T)
2	17 053 R1	PIN, lubricating oil pump drive pinion
3	258 612 R41	SHAFT w/PIN, 17 053 R1 and 553 686 R1, lubricating oil pump drive
4	124 548	KEY, Woodruff No. 6 (used with lubricating oil pump body gear)
5	553 686 R1	PIN, lubricating oil pump body gear



LUBRICATING SYSTEM

REF. NO.	I. H. PART NUMBER	DESCRIPTION
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CRANKCASE OIL PAN AND LUBRICATING PUMP - CONTINUED

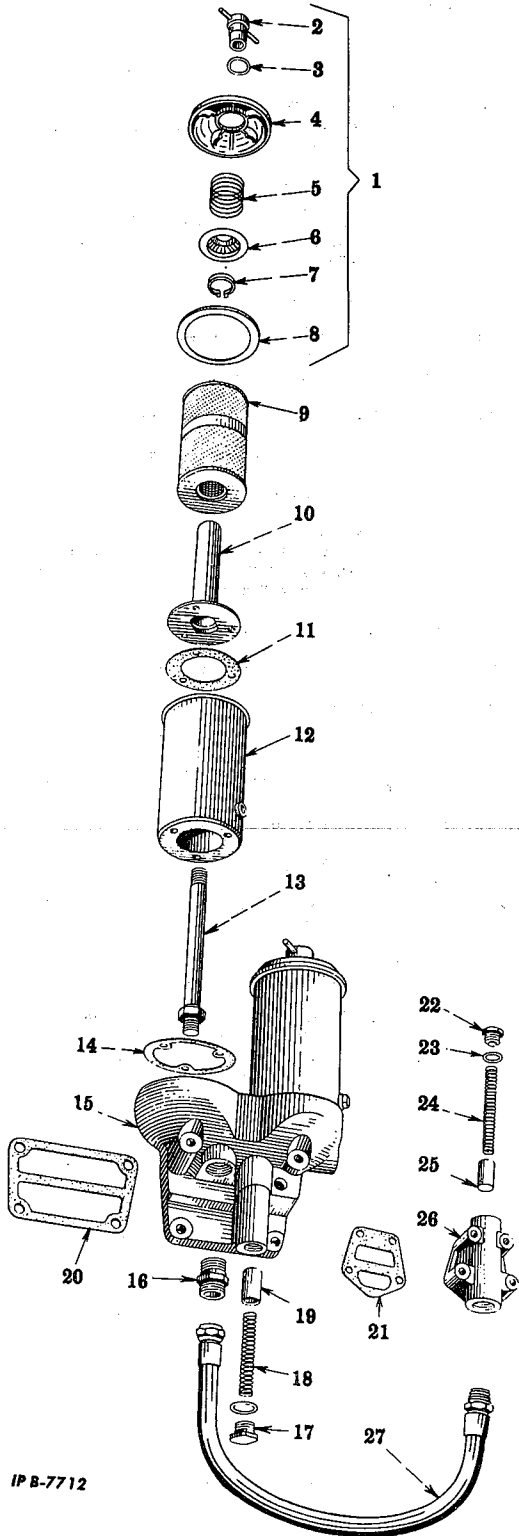
6	260 766 R21	GEAR w/PIN, 553 686 R1, lubricating oil pump body
7	42 789 D	GASKET, lubricating oil pump cover
8	304 083 R91 10 961 D	PUMP ASSEMBLY, lubricating oil SCREW, 1/2 x 1-1/4" hex-hd. cap (2) 1/2" lock WASHER (2)
9	268 345 R1	COVER, lubricating oil pump 3/8" lock WASHER (5) 3/8 x 1" hex-hd. cap SCREW (5) WIRE, locking (16 ga. x 10" long) (order 278 027 R1)
10	268 346 R1	GASKET, oil pump bottom plate
11	274 195 R11	PLATE, oil pump bottom 1/4 x 7/8" hex-hd. cap SCREW (3) 1/4" lock WASHER (3)
12	268 347 R1	RING, oil pump bottom plate stiffener
13	108 687	ELBOW, crankcase oil pan drain
14	103 876	PLUG, crankcase oil pan drain
15	304 089 R2	PAN, crankcase oil 3/8 x 1-1/4" hex-hd. cap SCREW (29) 3/8 x 1-1/2" hex-hd. cap SCREW (4) 3/8" lock WASHER (33)
16	252 036 R3	GASKET, crankcase oil pan
17	45 286 D	SPRING, oil pressure regulating valve
18	258 417 R2	VALVE, oil pressure regulating
19	50 336 DA	GEAR, lubricating oil pump idler (12 T)
20	254 453 R21	BODY w/SHAFT, lubricating oil pump
22	10 961 D	Follows Reference No. 8
23		Follows Reference No. 8
24	124 548	KEY, Woodruff No. 6 (used with lubricating oil pump drive pinion)
	112 715	PLUG, 1/2" ctsk-hdls.
	278 027 R1	WIRE, bulk locking (16 ga.) (customer must specify length required) (X)

X - As Required



LUBRICATING SYSTEM

LUBRICATING OIL FILTER (Full Flow)



IP B-7712



LUBRICATING SYSTEM

REF. NO.	I.H. PART NUMBER	DESCRIPTION
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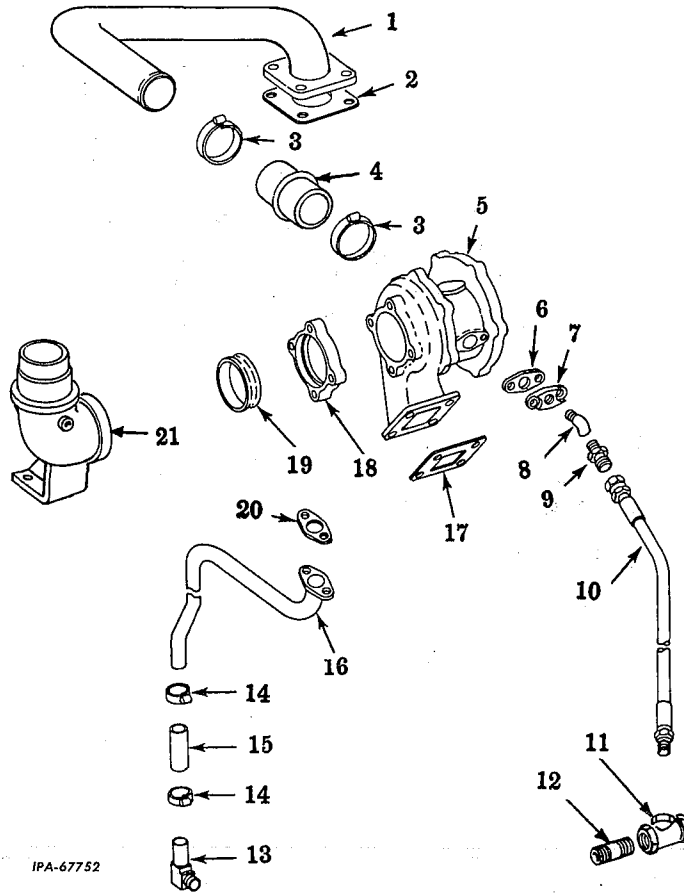
LUBRICATING OIL FILTER - CONTINUED (Full Flow)

	261 957 R95	FILTER ASSEMBLY, lubricating oil (Consists of Ref. Nos. 1 through 19 inclusive) 1/2 x 4-1/4" hex-hd. cap SCREW (2) 1/2 x 1-3/4" hex-hd. cap SCREW (2) 1/2" lock WASHER (4)
1	267 808 R11	COVER ASSEMBLY, lubricating oil filter case (2) (Composed of - 1 COVER 267 808 R1 1 CUP 265 544 R1 1 NUT 265 542 R11 1 "O" RING 267 809 R1 1 "O" RING 267 810 R1 1 RING, snap 267 700 R1 1 SPRING 265 543 R1)
2	265 542 R11	NUT w/BAR, lubricating oil filter case cover retaining (2)
3	267 810 R1	"O" RING, oil filter case cover retaining nut (13/64 x 1-21/64 x 9/64")
4	267 808 R1	COVER, oil filter case (2)
5	265 543 R1	SPRING, oil filter element retaining (2)
6	265 544 R1	CUP, oil filter case cover sealing (2)
7	267 700 R1	RING, oil filter sealing cup retaining snap (2)
8	267 809 R1	GASKET, oil filter case cover (2)
9	323 961 R91	PACKAGE, lubricating oil filter element field service (consists of ELEMENT and GASKET, 267 809 R1) (2)
10	261 830 R12	PIPE, lubricating oil filter stand (2)
11	261 835 R1	GASKET, lubricating oil filter standpipe (2)
12	261 833 R11	CASE, lubricating oil filter (2)
	423 355	SCREW w/WASHER, 3/8 x 1-1/8", hex-hd. machine (6)
13	261 614 R11	STUD, lubricating oil filter (2)
14	261 836 R1	GASKET, lubricating oil filter case (2)
15	261 958 R11	BASE, lubricating oil filter
16	264 139 R1	ADAPTER, oil filter inlet hose
17	261 613 R1	NUT, lubricating oil pressure regulating valve retainer
	115 449	GASKET, 1-1/8" annular
18	263 508 R2	SPRING, lubricating oil pressure regulating valve
19	261 611 R1	VALVE, lubricating oil pressure regulating
20	261 959 R1	GASKET, lubricating oil filter base
21	261 629 R1	GASKET, lubricating oil filter by-pass housing
22	51 205 D	NUT, lubricating oil filter by-pass valve retaining
23	28 781 D	GASKET, lubricating oil filter by-pass valve retaining nut
24	260 234 R2	SPRING, lubricating oil filter by-pass valve
25	261 630 R1	VALVE, lubricating oil filter by-pass
26	261 628 R1	HOUSING, lubricating oil filter by-pass valve 3/8 x 2-1/4" hex-hd. cap SCREW (2) 3/8 x 2-1/2" hex-hd. cap SCREW (2) 3/8" lock WASHER (4)
27	264 389 R91	HOSE, oil filter inlet
	273 053 R1	CLIP, oil filter inlet hose
	105 453	GASKET, lubricating oil filter drain plug
	103 867	NUT, lubricating oil filter stud (2) PLUG, 3/8" sq-hd. lubricating oil filter pipe
	112 715	PLUG, 1/2" csk-hdls. lubricating oil filter base pipe
	445 084	PLUG, 5/8" lubricating oil filter case drain (2)
	261 035 R1	WASHER

§ - Not Furnished Separately.

TURBOCHARGER

TURBOCHARGER AND PIPING
(For machines equipped with Altitude Compensation Attachment)



IPA-67752

TURBOCHARGER

TURBOCHARGER AND PIPING - CONTINUED
(For machines equipped with Altitude Compensation Attachment)

REF. NO.	I.H. PART NUMBER	DESCRIPTION
1	318 324 R11 445 684	PIPE w/PLUG, 445 684, turbocharger air outlet PLUG, pipe
2	50 529 D	GASKET, turbocharger air outlet pipe
3	279 038 R91	CLAMP, air pipe hose (2)
4	310 385 R1	HOSE, air pipe
5	321 381 R91 253 665 R1	TURBOCHARGER (Airesearch 404330-4) (for components see list of parts under details of "Turbocharger") NUT, mounting (8)
6	253 660 R1	GASKET, oil inlet flange
7	318 379 R1	FLANGE, oil inlet 3/8 x 7/8" hex-hd cap SCREW (2) 3/8" lock WASHER (2)
8	444 054	ELBOW, 1/4" x 45°
9	321 359 R1	ADAPTER, turbocharger oil inlet (2)
10	321 356 R91	HOSE w/FITTINGS, turbocharger oil inlet (HOSE, 1/2" ID x 65" long including FITTINGS)
11	120 280	TEE, 3/8" pipe

REF. NO.	I.H. PART NUMBER	DESCRIPTION
12	120 278	NIPPLE, 3/8" pipe
13	171 810 R1	ELBOW, 3/4 x 1/2" NPT
14	122 316 R91	CLAMP, hose (2)
15	312 109 R1	HOSE, turbocharger oil outlet
16	318 327 R11	TUBE, turbocharger oil outlet 3/8 x 7/8" hex-hd cap SCREW (2) 3/8" lock WASHER (2)
17	304 391 R1	GASKET, turbocharger flange
18	318 322 R1 318 323 R1 50 408 D	RETAINER, exhaust sleeve BOLT, retainer (4) LOCK, bolt (4)
19	318 321 R1	SLEEVE, exhaust discharge
20	253 664 R1	GASKET, oil outlet flange
21	318 320 R11 445 684	ELBOW w/PLUG, 445 684, exhaust discharge PLUG, pipe
	267 787 R91	CLIP (3)



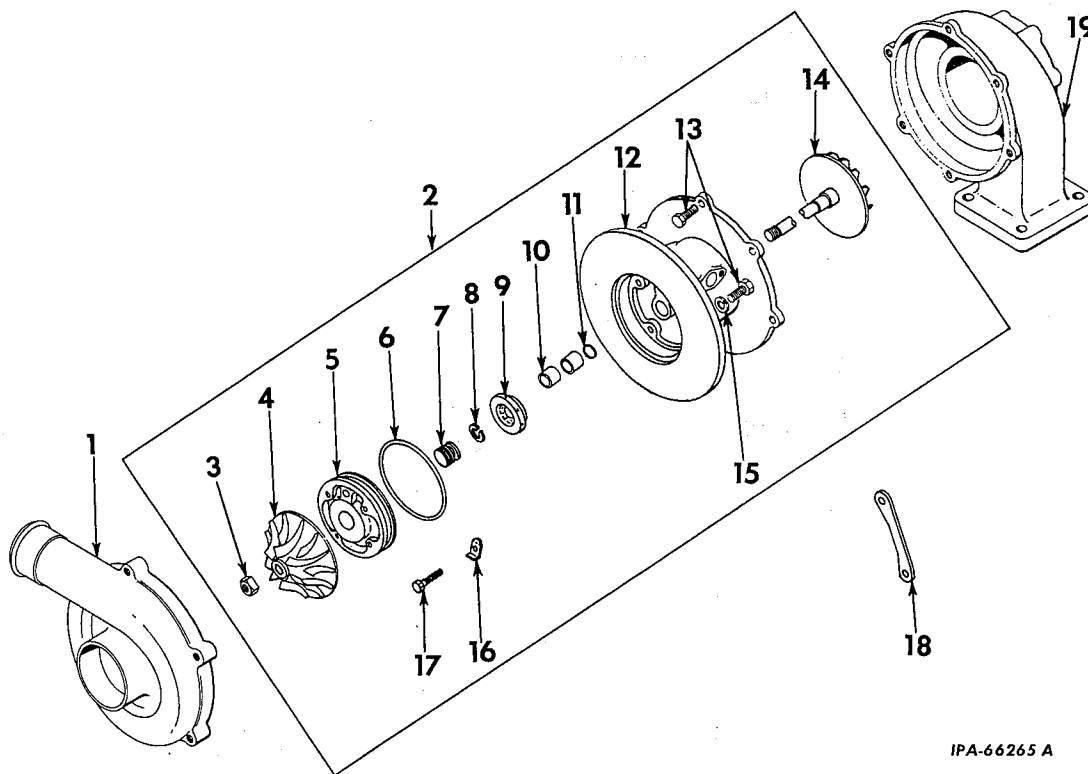
TURBOCHARGER

TURBOCHARGER
(Airesearch) (For use with machines equipped with Altitude Compensation Attachments)



TURBOCHARGER

TURBOCHARGER - CONTINUED
(Airesearch) (For machines equipped with Altitude Compensation Attachments)



IPA-66265 A

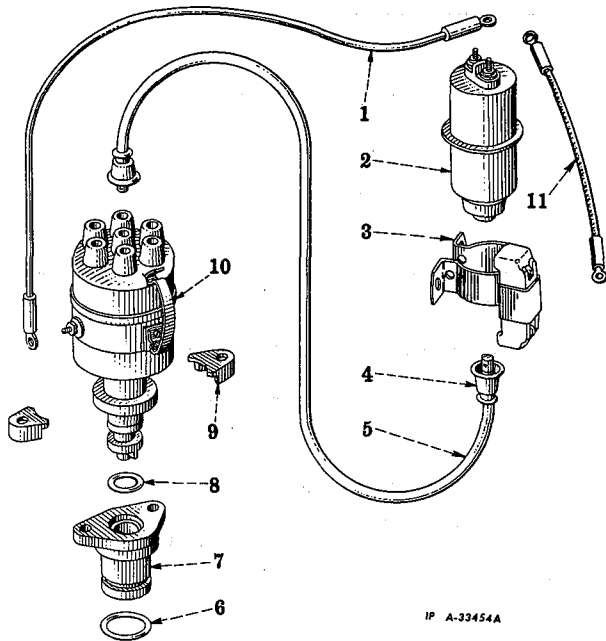
REF. NO.	I.H. PART NUMBER	DESCRIPTION
	321 381 R91	TURBOCHARGER ASSEMBLY (404330-4)
1	313 631 R1	HOUSING, compressor (403965)
2	321 382 R91	CORE ASSEMBLY, center housing and rotating (404332)
3	19 839 R1	NUT, 5/16NF lock (400100)
4	324 259 R1	WHEEL, compressor (403989)
5	321 377 R91	PLATE, housing thrust (404233)
6	319 970 R1	"O" RING, thrust plate (2.98 x 3.25 x .135")
7	324 256 R1	SPACER, thrust (404042)
8	321 379 R1	RING, compressor wheel seal (403818)
9	324 257 R1	WASHER, thrust (404039)
10	319 971 R1	BUSHING, rotating shaft (402327) (2)
11	319 972 R1	RING, shaft bushing retaining (400227)
12		HOUSING (order 321 382 R91)
13		SCREW, 5/16 x 3/4" hex-hd cap (not part of center housing and rotating core assembly) (6)
14	324 260 R91	WHEEL and SHAFT, turbine (403835)

REF. NO.	I.H. PART NUMBER	DESCRIPTION
15		WASHER, 5/16" extra heavy lock (not part of center housing and rotating core assembly) (6)
16	321 378 R1	PLATE, thrust lock (404169) (4)
17	9 415 665	SCREW, No. 10 x 7/8" hex-hd cap (4)
18	321 375 R1	PLATE, turbine housing lock (402626) (3)
19	321 404 R1	HOUSING, turbine (401885) 5/16 x 3/4" hex-hd cap SCREW (6)
	309 164 R1	FLANGE, oil inlet blank (402367)
	253 660 R1	GASKET, flange blank (402368)
	307 787 R1	RING, oil inlet screen snap (403618)
	321 402 R91	ROTATING ASSEMBLY, compressor and turbine wheel (404329) (Composed of - 1 NUT 19 839 R1 1 RING 321 379 R1 1 SPACER 324 256 R1 1 WASHER 324 257 R1 1 WHEEL 324 259 R1 1 WHEEL and SHAFT 324 260 R91)
	307 785 R91	SCREEN, oil inlet (403347)
		WASHER, 3/8" lock (2)



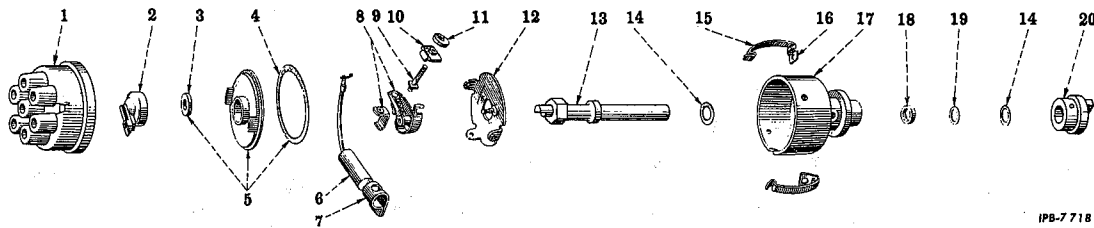
ELECTRICAL SYSTEM

COIL, DISTRIBUTOR, DISTRIBUTOR BRACKET AND RELATED PARTS



IP A-33454A

BATTERY IGNITION DISTRIBUTOR



IPB-7718

REF. NO.	I.H. PART NUMBER	DESCRIPTION
	358 381 R92	DISTRIBUTOR ASSEMBLY (fixed spark) (clockwise rotation)
1	368 062 R91	CAP, distributor
2	353 896 R91	ROTOR, distributor
3	353 901 R2	SEAL, breaker cover felt
4	352 284 R2	GASKET, breaker cover
5	353 900 R11	COVER w/SEAL, 353 901 R2 and GASKET, 352 284 R2 breaker
6	353 903 R92	CONDENSER
7	353 905 R1	CLAMP, condenser No. 8 x 3/16" sl-fil-hd. cd-pltd. SCREW No. 8 cd-pltd. lock WASHER



ELECTRICAL SYSTEM

COIL, DISTRIBUTOR, DISTRIBUTOR BRACKET AND RELATED PARTS - CONTINUED

REF. NO.	I.H. PART NUMBER	DESCRIPTION
1	266 097 R92	CABLE, distributor to coil (primary)
2	368 839 R91	COIL, ignition (12 R) No. 10 type "F" NUT (2) No. 10 lock WASHER (2)
3	368 989 R91	CLAMP, resistor coil and No. 10 NUT No. 10 x 1-1/4" rd-hd. slt. SCREW No. 10 lock WASHER
4	251 553 R1	NIPPLE, distributor to coil cable (2)
5	265 906 R91	CABLE, distributor to coil (secondary)
6	252 483 R1	OIL SEAL, distributor bracket (outer)
7	265 925 R1	BRACKET, distributor 5/16" NUT 5/16 x 1-1/4" ov-pt. hdls. set SCREW
8	254 954 R1	OIL SEAL, distributor bracket inner
9	353 937 R1	CLAMP, distributor (2) 5/16 x 3/4" hex-hd. cap SCREW (2) 5/16" lock WASHER (2)
10	358 381 R91	DISTRIBUTOR ASSEMBLY (for components see list of parts under details of "Distributor") No. 8 mach. screw NUT No. 8 lock WASHER
11	357 929 R91	CABLE, resistor to coil

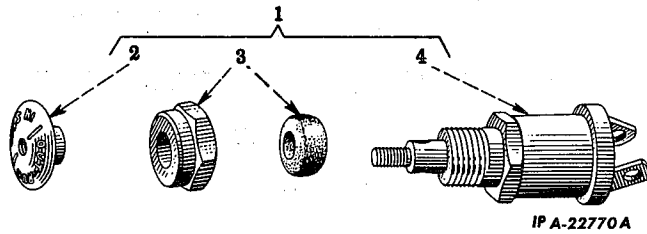
BATTERY IGNITION DISTRIBUTOR - CONTINUED

REF. NO.	I.H. PART NUMBER	DESCRIPTION
8	353 172 R91	PACKAGE, breaker arm and stationary point No. 8 x 3/16" sl-pan-hd. cd-pltd. SCREW
9	353 907 R1	SCREW, terminal No. 8 cd-pltd. NUT (2) No. 8 cd-pltd. lock WASHER (2)
10	353 906 R1	INSULATOR, spring anchor terminal
11	251 538 R1	WASHER, insulating, terminal
12	352 277 R11	PLATE, breaker No. 8 x 3/8" sl-rd-hd. cd-pltd. SCREW No. 8 cd-pltd. lock WASHER
13	358 618 R1	SHAFT, distributor
14	352 298 R1	WASHER, distributor thrust (2)

ELECTRICAL SYSTEM

REF. NO.	I. H. PART NUMBER	DESCRIPTION
BATTERY IGNITION DISTRIBUTOR - CONTINUED		
15	368 096 R1	SPRING, distributor cap (2)
16	353 895 R1	SUPPORT, distributor cap spring (2) No. 8 x 3/8" sl-rd-hd. cd-pltd. SCREW (2) No. 8 cd-pltd. lock WASHER (2)
17	353 898 R11 125 947	HOUSING w/OIL SEAL, 252 739 R1, RETAINER, 353 899 R1 and PLUG, 125 947 distributor PLUG, 1/8" slt. cd-pltd. pipe
18	353 899 R1	RETAINER, distributor shaft oil seal
19	252 739 R1	OIL SEAL, distributor shaft

BATTERY IGNITION PUSH-PULL SWITCH

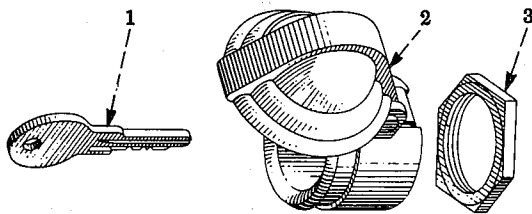


ELECTRICAL SYSTEM

REF. NO.	I. H. PART NUMBER	DESCRIPTION
BATTERY IGNITION DISTRIBUTOR - CONTINUED		
20	352 299 R1	COUPLING, distributor
	353 921 R1	BUSHING, distributor shaft (furnished as part of Package, 373 577 R91)
	373 577 R91	PACKAGE, distributor shaft field service (consists of BUSHING, 353 921 R1 and installing instructions FZG-2578)
	354 552 R1	PIN, distributor coupling
	21 394 D	WASHER, stationary point and terminal (3)

REF. NO.	I. H. PART NUMBER	DESCRIPTION
BATTERY IGNITION PUSH-PULL SWITCH - CONTINUED		
1	62 801 DC 64 022 H	SWITCH, battery ignition push-pull SCREW, slt-special-hd. No. 8 x 5/16" (2) No. 8 cd-pltd. lock WASHER (2)
2	8 732 D	KNOB, switch No. 10 cd-pltd. lock WASHER
3	56 517 DX	NUT w/SEAL, switch mounting 9/16" internal-tooth cd-pltd. lock WASHER
4	57 937 D	SWITCH, battery ignition (order 62 801 DC) SPACER, battery ignition switch

BATTERY IGNITION LOCK SWITCH (Delco-Remy)



BATTERY IGNITION LOCK SWITCH - CONTINUED (Delco-Remy)

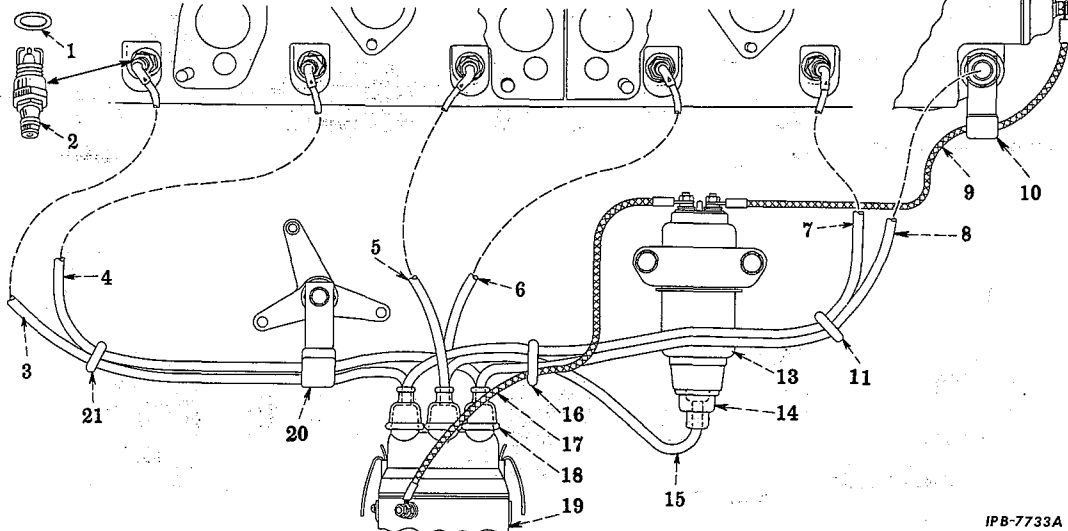
REF. NO.	DELCO-REMY NUMBER	DESCRIPTION
ATTACHMENT, ignition lock switch (See NOTE) (IH No. 275 650 R91) (Consists of the following parts) (See NOTES 1 and 3)		
1		KEY (order 1842770)
2	1923400	NUT w/hinge PIN and SPRING mounting
3	1923405	NUT
4	1842770	LOCK w/two KEYS
5		BODY, switch (order 263 524 R92)
6	1864099	SCREW, terminal (3)
7	1855978	CLIP, lock (terminal) (3)

REF. NO.	DELCO-REMY NUMBER	DESCRIPTION
COVER, ignition switch (rubber) (263 692 R1)		
1116513		SWITCH ASSEMBLY, ignition lock (Composed of -
	3	CLIP 1855978
	1	LOCK 1842770
	1	NUT 1923400
	1	NUT 1923405
	3	SCREW 1864099
NOTE 1 - Factory Application - Order on Machine Order Forms.		
NOTE 3 - Field Application - Order through Regular Service Parts Channels.		



ELECTRICAL SYSTEM

SPARK PLUGS AND CABLES (Battery Ignition)



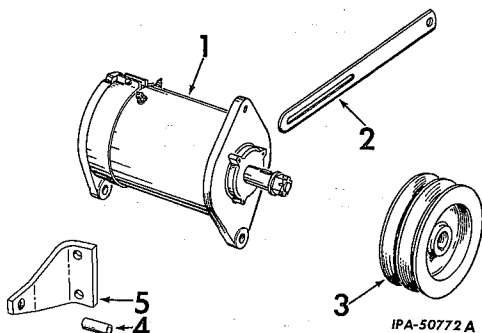
IPB-7733A

REF. NO.	I. H. PART NUMBER	DESCRIPTION
1	37 762 H	GASKET, spark plug (6)
2		PLUG w/GASKET, 37 762 H spark (Champion No. D 89-D) (18 MM-7/8" hex.) (6)
2		PLUG w/GASKET, 37 762 H spark (A. C. No. 18A) (18MM-7/8" hex.) (6)
2		PLUG w/GASKET, 37 762 H spark (Auto-Lite No. BT-15) (18 MM-7/8" hex.) (6)
3	267 933 R91	CABLE, No. 6 spark plug
4	267 934 R91	CABLE No. 5 spark plug
5	267 935 R91	CABLE, No. 4 spark plug
6	267 935 R91	CABLE, No. 3 spark plug
7	267 934 R91	CABLE, No. 2 spark plug
8	267 933 R91	CABLE, No. 1 spark plug
9	266 097 R92	CABLE, manifold to resistor
10	263 308 R91	CLIP, cable (rubber covered) (attached to intake manifold front end)
11	263 314 R1	RING, 3/8" rubber

SPARK PLUGS AND CABLES - CONTINUED (Battery Ignition)

REF. NO.	I. H. PART NUMBER	DESCRIPTION
13	368 839 R91	COIL w/CLAMP ignition (12 R) 10-32 Type "F" NUT (2) No. 10 lock WASHER (2) 5/16 x 5/8" hex-hd. cap SCREW (2) 5/16" lock WASHER (2) 11/32 x 11/16 x 16 ga. flat WASHER (2)
14	251 553 R1	NIPPLE, distributor to coil cable (2)
15	265 906 R91	CABLE, distributor to coil (secondary)
16	263 313 R1	RING, 9/16" rubber
17	266 097 R91	CABLE, distributor to coil (primary)
18	251 553 R1	NIPPLE, distributor (6)
19	358 381 R92	DISTRIBUTOR (for components see list of parts under "Distributor")
20	265 126 R91	CLIP, cable (rubber coated) (attached to starting valve operating lever bell crank screw) 1/4NF x 1-1/4" hex-hd cap SCREW 1/4" lock WASHER
21	263 314 R1	RING, 3/8" rubber

GENERATOR AND CONNECTIONS



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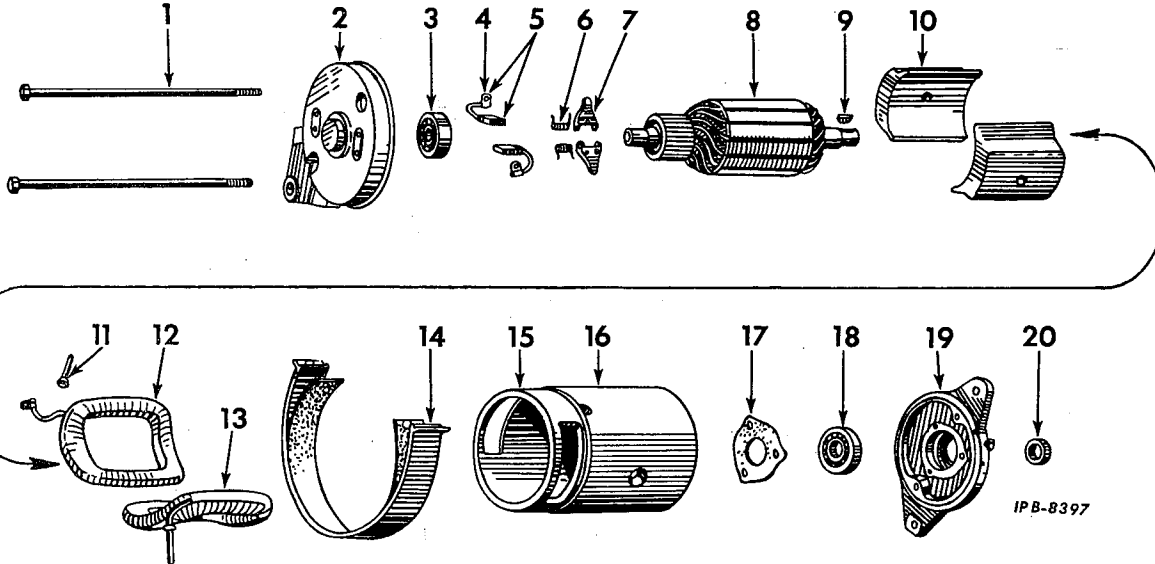
GENERATOR AND CONNECTIONS - CONTINUED

1		GENERATOR (for components see list of parts under details of "Generator")
2	306 271 R1	BRACE, generator mounting 3/8" NUT 3/8 x 7/8" hex-hd. cap SCREW 3/8" lock WASHER
3	62 493 D 304 080 R1	WASHER, flat PULLEY, generator 3/32 x 1-1/4" cotter PIN
4	306 214 R1	SPACER, generator front mounting
5	304 380 R1	BRACKET, generator 3/8 x 1" hex-hd. cap SCREW (2) 3/8" lock WASHER (2)
	304 379 R1	BOLT, generator brace

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ELECTRICAL SYSTEM

GENERATOR
(12 Volt) (Delco-Remy)



IPB-8397

ELECTRICAL SYSTEM

GENERATOR - CONTINUED
(12 Volt) (Delco-Remy)

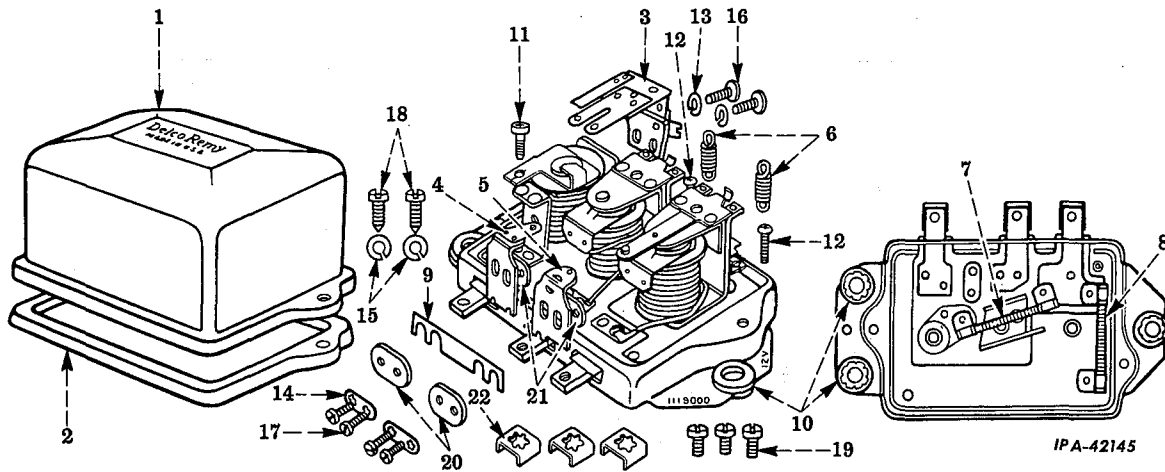
REF. NO.	DELCO-REMY NUMBER	DESCRIPTION
⊗		KEY TO UNITS
A-	1105102	GENERATOR ASSEMBLY (not high output) (12 volt)
B-	1105111	GENERATOR ASSEMBLY (high output) (12 volt)
⊗		Letters of these units correspond with those shown following the description of the parts in the list below and identified the unit for which the part is used, items without letters after the description indicates the part is used for all units.
1	809763 120638	BOLT, thru (2) WASHER, thru bolt lock (2)
2	1934547 1929959 1938207	FRAME, commutator end (Unit A) RING, bearing retainer FRAME, commutator end (Unit B)
3	900529	BEARING, commutator end ball
4	200362	CLIP, terminal to brush
5	1906965 141541 1904377	BRUSH (2) SCREW, brush lead attaching (2) WASHER, brush lead attaching lock (2)
6	1878184	SPRING, brush (2)
7	1878183 1857412	ARM, brush (2) WASHER, brush arm space (2)
8	1934550 1938209	ARMATURE (Unit A) ARMATURE (Unit B)
9	124548	KEY (Woodruff)
10	1018004 1883864	SHOE, pole (2) SCREW, pole shoe (2)
11	1858751 1902746 1881409 121743 1904661	STUD, terminal (2) WASHER, insulating terminal stud (2) WASHER, plain terminal stud (2) NUT, terminal stud (4) WASHER, terminal stud lock (4)

REF. NO.	DELCO-REMY NUMBER	DESCRIPTION
12	1923472	COIL, RH field
13	1923473	COIL, LH field
14	1879530 132923 34816	BAND, cover SCREW, cover band NUT, cover band
15	809062	PIN, dowel, commutator end and drive end (2)
16	131238 120380	FRAME (Not Furnished Separately) SCREW, frame WASHER, frame lock
17	1935923 1904370 1880781	PLATE, drive end ball bearing bearing retainer SCREW, ball bearing retainer plate attaching (3) WASHER, ball bearing retainer plate attaching screw lock (3)
18	954554	BEARING, drive end ball
19	1934553	FRAME, drive end
20	1934554 1913689 1937219 1937227 1885090 42761 125384 806915 132100 1913688 1880781 809945	COLLAR, drive end space (outside) COLLAR, fan (Unit B) COVER, commutator end (Unit B) FAN w/NUT, 806915 commutator end (Unit B) INSULATOR, terminal (2) KEY, commutator end Woodruff (Unit B) NUT, shaft NUT, commutator end fan attaching (Unit B) SCREW, commutator end cover attaching (3 for Unit B) SPACER, fan (Unit B) WASHER, cover attaching screw lock (3 for Unit B) WASHER, commutator end spacer (Unit B)



ELECTRICAL SYSTEM

VOLTAGE REGULATOR (Delco-Remy)



ELECTRICAL SYSTEM

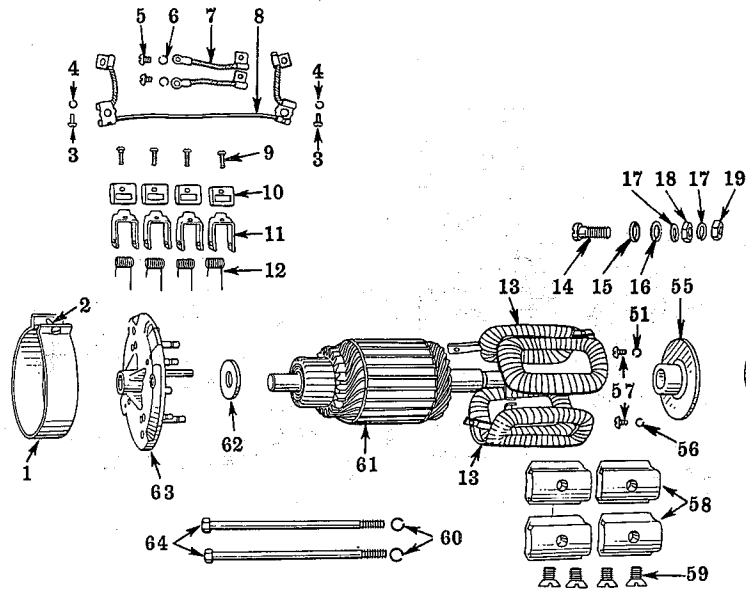
VOLTAGE REGULATOR - CONTINUED (Delco-Remy)

REF. NO.	DELCO-REMY NUMBER	DESCRIPTION
⊗ - KEY TO UNITS		
A-	1119152	REGULATOR ASSEMBLY, voltage (not used with high output generator attachment)
B-	1119181	REGULATOR ASSEMBLY, voltage (used with high output generator attachment)
⊗ - Letters of these units correspond with those shown following the description of the parts in the list below and identified the unit for which the part is used. Items without letters after the description indicates the part is used for all units.		
1	1931886	COVER
2	1931887	GASKET, cover
3	1878467	ARMATURE, relay
4	1878493	CONTACT and SUPPORT, current regulator
5	1933242	CONTACT and SUPPORT, voltage regulator
6	1912176	SPRING, regulator armature (2)
7	1910174	RESISTOR, "F" terminal to ground
8	1910174	RESISTOR, "F" terminal to relay
9	1878504	CONNECTOR, regulator contact attaching screw
10	1879663	GROMMET, rubber (in base) (3)
11	1912159	SCREW, relay armature adjusting
12	1922408	SCREW, regulator armature adjusting (2)
13	1904377	WASHER, relay armature attaching lock (2)
14	1878505	WASHER, regulator contact attaching screw lock (2)
15	1904376	WASHER, cover screw lock (2)
16	1924764	SCREW, relay armature attaching (2)
17	1878516	SCREW, regulator contact attaching (4)
18	1864099	SCREW, cover (2)
19	1878502	SCREW, terminal (3)
20	1922599	INSULATOR, regulator contact attaching screw (2)

REF. NO.	DELCO-REMY NUMBER	DESCRIPTION
21	1878507	WASHER, insulator regulator contact attaching screw (2)
22	1878503	CLAMP, terminal (3)
	1911033	LEAD, ground (Unit A)
	1911028	MOUNT, shock (3 hole) (Unit A)
	1911034	MOUNT, shock (4 hole) (Unit A)
	124818	NUT, shock mount attaching (3 for Unit A)
	273484	SCREW, shock mount attaching (3 for Unit A)
	1874495	WASHER, shock mount attaching screw lock (3 for Unit A)

ELECTRICAL SYSTEM

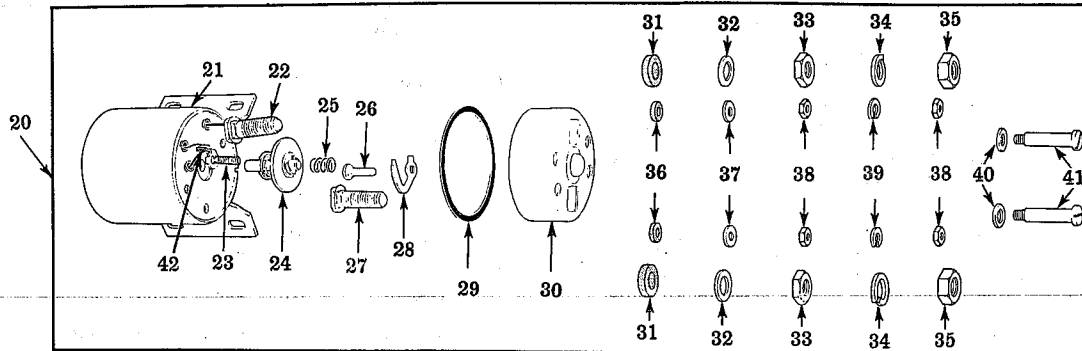
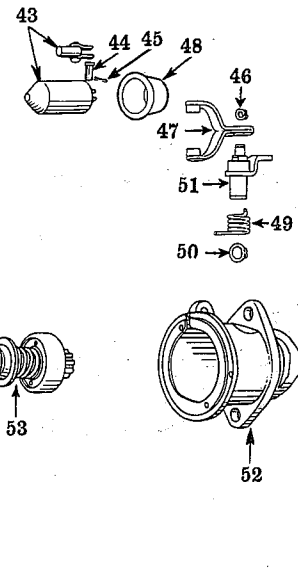
CRANKING MOTOR



IPA-42739 C

ELECTRICAL SYSTEM

CRANKING MOTOR—CONTINUED



REF. NO.	DELCO-REMY NUMBER	DESCRIPTION
	1113345	CRANKING MOTOR (order 1113367)
1	1889664	BAND w/SCREW, 132926, cover
2	132926	SCREW, cover band
3	1933747	SCREW, brush lead to field coil attaching (2)
4	120217	WASHER, brush lead attaching screw lock (2)
5	132908	SCREW, ground lead attaching (2)
6	453288	WASHER, brush ground lead attaching screw lock (2)
7	1931771	LEAD, brush ground (2)
8	1931777	LEAD, brush jumper
9	171734	SCREW, brush attaching (4)
10	1906958	BRUSH (4)
11	1931773	HOLDER, brush (4)
12	1935316	SPRING, brush (4)
13	1934499	COIL, field (upper and lower) (consists of four coils)
14	1933879	STUD, terminal
15	1857268	WASHER, terminal stud insulating (7/8")
16	805790	WASHER, terminal stud outside
17	120381	WASHER, terminal stud lock (2)
18	805258	NUT, terminal stud (5/32" thick)
19	134566	NUT, terminal stud (1/4" thick)

REF. NO.	DELCO-REMY NUMBER	DESCRIPTION
20	1115501	SWITCH ASSEMBLY, solenoid starting (Composed of -
	1	BLADE 1935645
	1	CASE and COIL 1956428
	1	CLIP 1937381
	1	CONTACT and ROD 1952563
	1	COVER 1961316
	1	GASKET 1957650
	2	NUT 134566
	4	NUT 453996
	2	NUT 1904419
	2	SCREW 453468
	1	SPRING 1853342
	1	STUD 1950061
	1	STUD 1950069
	1	STUD 1956427
	1	STUD 1961333
	2	WASHER 453290
	2	WASHER 805790
	2	WASHER 815540
	2	WASHER 1915334
	2	WASHER 1923935
	2	WASHER 1950064
	2	WASHER 1950071)

Always give cranking MOTOR NUMBER when ordering parts.



ELECTRICAL SYSTEM

REF. NO.	DELCO-REMY NUMBER	DESCRIPTION
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CRANKING MOTOR-CONTINUED

21	1956428	CASE and COIL
22	1956427	STUD, motor terminal
23	1950069	STUD, terminal switch
24	1952563	CONTACT and ROD
25	1853342	SPRING, contact return
26	1961333	STUD, resistor terminal
27	1950061	STUD, battery terminal
28	1935645	BLADE, contact
29	1957650	GASKET, cover
30	1961316	COVER
31	1950071	WASHER, No. 8 insulating terminal (rubber) (2)
32	815540	WASHER, No. 8 terminal (plain) (2)
33	1904419	NUT, 3/8" terminal (2)
34	453290	WASHER, 3/8" terminal lock (2)
35	134566	NUT, 3/8" terminal (2)
36	1950064	WASHER, 3/8" insulating terminal (rubber) (2)
37	805790	WASHER, 3/8" insulating terminal (plain) (2)
38	453996	NUT, No. 8-32 terminal (4)
39	1915334	WASHER, No. 8 lock (terminal stud) (2)
40	1923935	WASHER, cover attaching screw (2)
41	453 468	SCREW, cover attaching (2)
42	1937381	CLIP, terminal
43	1945297	PLUNGER and LINK
44	1853305	PIN, shift lever
45	112726	PIN, shift lever cotter
46	1915668	RING, RH shift lever shaft retainer
47	1931776	LEVER, shift
48	1945296	BOOT, plunger
49	1922876	SPRING, shift lever
50	1915897	RING, shift lever shaft retainer
51	1931807	LEVER and SHAFT
52	1935273	HOUSING w/BUSHING, 826462, PLUG, 125947 and WICK, 1909560 drive
53	1940134	DRIVE ASSEMBLY, motor (clutch type) (Composed of - 1 BUSHING 37535 1 COLLAR 1904443 1 LOCKWIRE 1904436 1 SPRING 1932354)
54	821453	WASHER, brake (between center bearing and motor drive)
55	1934484	PLATE w/BUSHING, 1934485 center bearing
56	120217	WASHER, center bearing attaching screw lock (4)



ELECTRICAL SYSTEM

REF. NO.	DELCO-REMY NUMBER	DESCRIPTION
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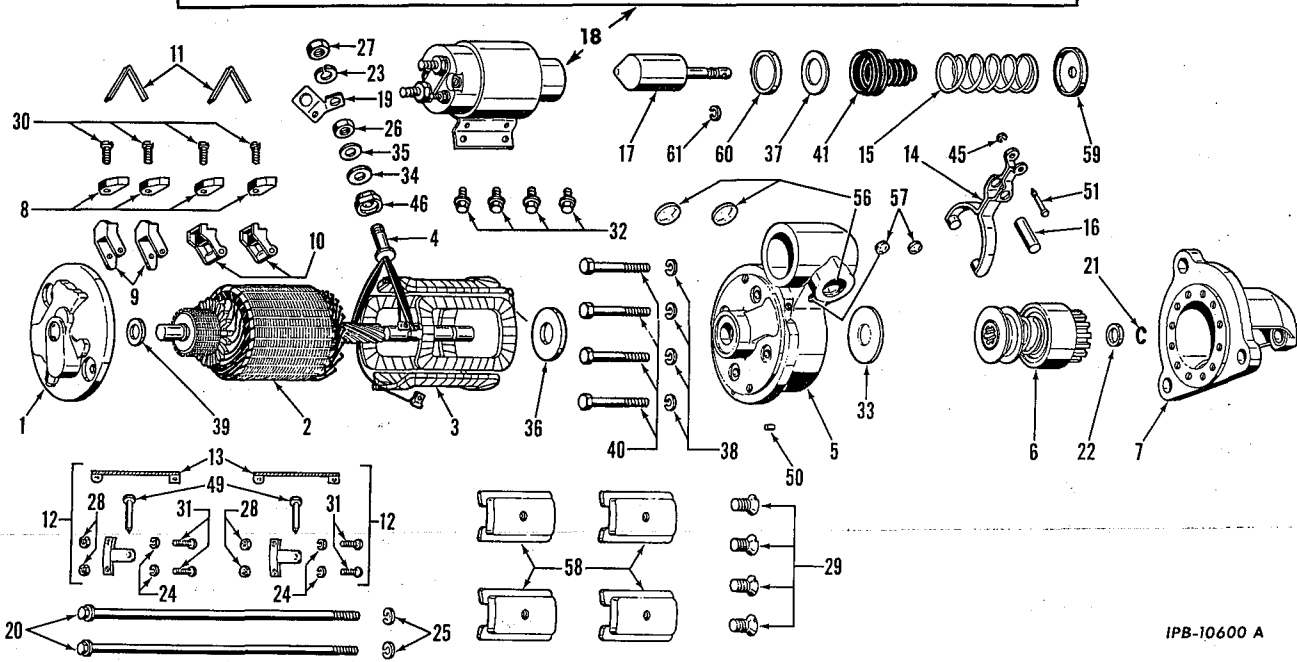
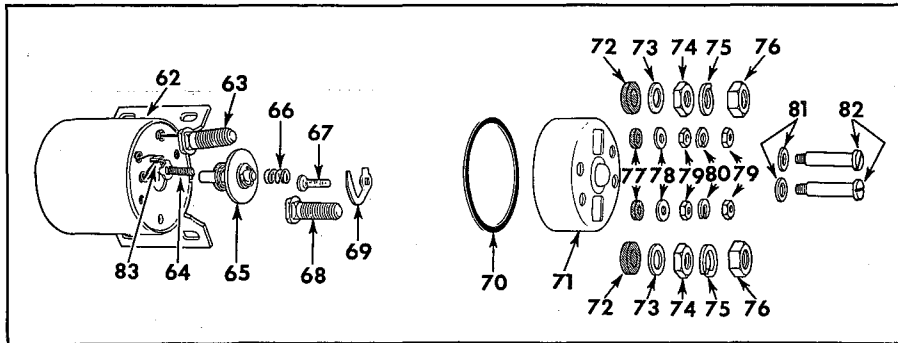
CRANKING MOTOR-CONTINUED

57	132900	SCREW, center bearing attaching (4)
58	1934477	SHOE, pole (view notched end face down longer lip on right) (2)
58	1934478	SHOE, pole (view notched end face down longer lip on left) (2)
59	1843646	SCREW, pole shoe (4)
60	120214	WASHER, thru bolt lock (2)
61	1940135	ARMATURE
62	1911232	WASHER, space (commutator end)
63	1935250	FRAME and PIN ASSEMBLY, commutator end (Composed of - 1 BUSHING 1935282 1 PIN 809062 1 PLUG 125947 1 WICK 1909560)
64	1911196	BOLT, thru (2)
	1872678	BUSHING, (commutator end)
	1847199	CABLE, solenoid starting switch
	1945250	CLAMP, boot
	1928021	COLLAR, pinion stop (drive end)
	1913534	INSULATION, field coil (2)
	1927033	LINK, shift lever spacer
	809593	PIN, drive end dowel
	817313	PIN, brush hinge (2)
	817314	PIN, brush holder stop (2)
	812016	PIN, brush holder hinge and insulator (2)
	812015	PIN, brush holder stop and insulator (2)
	809062	PIN, commutator end dowel
	125947	PLUG, pipe (commutator and drive end)
	1935256	RETAINER, felt washer (commutator end)
	1928022	RING, shift lever shaft retainer
	1916529	SCREW, solenoid starting switch attaching (4)
	132119	SCREW, link attaching
	1935255	WASHER, felt retainer (commutator end)
	813109	WASHER, space (between center bearing and armature)
	131183	WASHER, link attaching lock
	1931783	WASHER, 7/8" bushing terminal stud
	1857268	WASHER, 7/8" insulating terminal stud
	1911232	WASHER, spacer (commutator end)
	1909560	WICK, (commutator end and drive end) (2)

Always give cranking MOTOR NUMBER when ordering parts.

ELECTRICAL SYSTEM

CRANKING MOTOR



IPB-10600 A

REF. NO.	DELCO-REMY NUMBER	DESCRIPTION
	1113367	CRANKING MOTOR (will work for 1113345)
1	1946555	FRAME w/BUSHING, 1872678, PLUG, 125947 and WICK, 1909654 ASSEMBLY, commutator end
2	1949807	ARMATURE
3	1946386	COIL w/STUD, 1945626, ASSEMBLY, field (four coils)
4	1945626	STUD, terminal
5	1942241	HOUSING ASSEMBLY, lever (Composed of -
	1	BUSHING 1933999
	2	PLUG 9411375
	1	PLUG 1942957
	1	PLUG 273913
	1	WICK 1936465)
6	1951180	DRIVE, motor (Composed of -
	1	BUSHING 37535
	1	COLLAR 1904443
	1	LOCKWIRE 1904436
	1	SPRING 1932354)

Always give CRANKING MOTOR NUMBER when ordering parts.

ELECTRICAL SYSTEM

CRANKING MOTOR-CONTINUED

REF. NO.	DELCO-REMY NUMBER	DESCRIPTION
7	1949806	HOUSING w/BUSHING, 1943628, PLUG, 125947 and WICK, 1909654 ASSEMBLY, drive
8	1906987	BRUSH (4)
9	1926617	HOLDER, brush ground (2)
10	1926618	HOLDER, brush insulated (2)
11	1945620	SPRING, brush (4)
12	1945923	PACKAGE, brush support (Composed of -
	1	LEAD 1930694
	2	NUT 120361
	1	PIN 1938058
	2	SCREW 445639
	2	WASHER 120217)
13	1930694	LEAD, ground
14	1942245	LEVER, shift
15	1942260	SPRING, lever

Always give CRANKING MOTOR NUMBER when ordering parts.

ELECTRICAL SYSTEM

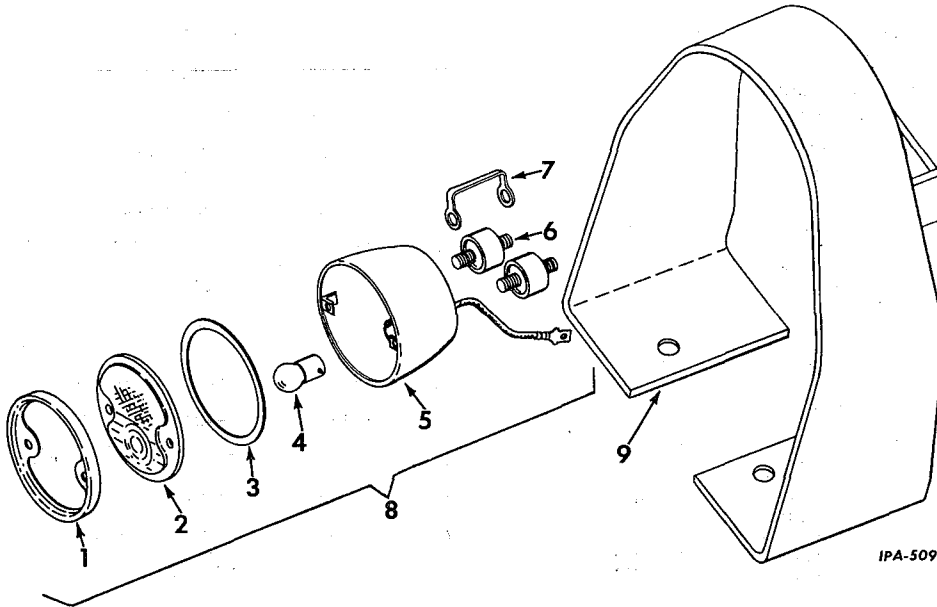
REF. NO.	DELCO-REMY NUMBER	DESCRIPTION
CRANKING MOTOR - CONTINUED		
16	1942255	SHAFT, lever
17	1942250	PLUNGER
18	1115501	SWITCH ASSEMBLY, solenoid starting (Composed of -
	1	BLADE 1935645
	1	CASE and COIL 1956428
	1	CLIP 1937381
	1	CONTACT and ROD 1952563
	1	COVER 1961316
	1	GASKET 1957650
	2	NUT 134566
	4	NUT 453996
	2	NUT 1904419
	2	SCREW 453468
	1	SPRING 1853342
	1	STUD 1950061
	1	STUD 1950069
	1	STUD 1956427
	1	STUD 1961333
	2	WASHER 453290
	2	WASHER 805790
	2	WASHER 815540
	2	WASHER 1915334
	2	WASHER 1923935
	2	WASHER 1950064
	2	WASHER 1950071
19	1946394	CONNECTOR, switch
20	1883865	BOLT, thru (2)
21	1928022	RING, pinion stop retainer
22	1928021	COLLAR, pinion stop
23	120381	WASHER, terminal stud lock
24	120217	WASHER, lock (2)
25	120214	WASHER, thru bolt lock (2)
26	805258	NUT, terminal stud (5/32" thick)
27	805258	NUT, terminal stud (5/32" thick)
28	120361	NUT (2)
29	1843646	SCREW, pole shoe (4)
30	1947695	SCREW, brush attaching (4)
31	445639	SCREW (2)
32	1916529	SCREW, switch attaching (4)
33	821453	WASHER, brake (between lever housing and motor drive)
34	1857268	WASHER, insulating terminal stud
35	805790	WASHER, terminal stud plain
36	1946395	WASHER, space (between lever housing and armature)
37	1942259	WASHER, retainer spring
38	120214	WASHER, drive housing attaching lock (4)
39	833602	WASHER, commutator end space
40	122077	BOLT, drive housing attaching (4)
41	1942257	BOOT
45	1938376	RING, lever attaching pin snap
46	1931783	BUSHING, insulating terminal stud
49	1938058	PIN, brush holder
50	809593	PIN, drive housing dowel
51	1942253	PIN, lever attaching
56	9411375	PLUG, expansion, lever housing (1-3/16" dia.) (2)
Always give CRANKING MOTOR NUMBER when ordering parts.		

ELECTRICAL SYSTEM

REF. NO.	DELCO-REMY NUMBER	DESCRIPTION
CRANKING MOTOR-CONTINUED		
57	1942957	PLUG, lever housing pipe (1/2" dia)
58	1934478	SHOE, pole (4)
59	1942282	RETAINER, spring (13/32" hole)
60	1942256	RETAINER, spring (1-13/64" hole)
61	9415234	RING, plunger spring retainer snap
62	1956428	CASE and COIL
63	1956427	STUD, motor terminal
64	1950069	STUD, terminal switch
65	1952563	CONTACT and ROD
66	1853342	SPRING, contact return
67	1961333	STUD, resistor terminal
68	1950061	STUD, battery terminal
69	1935645	BLADE, contact
70	1957650	GASKET, cover
71	1961316	COVER
72	1950071	WASHER, No. 8 insulating terminal (rubber) (2)
73	815540	WASHER, No. 8 terminal (plain) (2)
74	1904419	NUT, 3/8" terminal (2)
75	453290	WASHER, 3/8" terminal lock (2)
76	134566	NUT, 3/8" terminal (2)
77	1950064	WASHER, 3/8" insulating terminal (rubber) (2)
78	805790	WASHER, 3/8" insulating terminal (plain) (2)
79	453996	NUT, No. 8 terminal (4)
80	1915334	WASHER, No. 8 lock (terminal stud) (2)
81	1923935	WASHER, cover attaching screw (2)
82	453468	SCREW, attaching cover (2)
83	1937381	CLIP, terminal
	1872678	BUSHING, commutator end
	1943628	BUSHING, drive end
	1933999	BUSHING, lever housing
	37535	BUSHING (motor drive)
	1904443	COLLAR (motor drive)
	1913534	INSULATION, field coil (2)
	1904436	LOCKWIRE (motor drive)
	125947	PLUG, pipe, commutator end
	125947	PLUG, pipe, drive end
	273913	PLUG, pipe, lever housing (15/64" dia.)
	1935256	RETAINER, commutator end felt washer cup
	1932354	SPRING (motor drive)
	1935255	WASHER, felt commutator end
	1936465	WICK, lever housing oil
	1909654	WICK, oil (2)
Always give CRANKING MOTOR NUMBER when ordering parts.		

ELECTRICAL SYSTEM

TAIL LIGHT (GUIDE LAMP) AND GUARD



IPA-50925

REF. NO.	I. H. PART NUMBER	DESCRIPTION
1	50 500 H	DOOR (918355)
2	50 501 HA	LENS (5938745)
3	50 502 HA	GASKET (914301)
4	142450	BULB (12 Volt) (Trade No. 67)
5		BODY (order 279 760 R91)
6	298 420 R91	MOUNTING (5944679) (2)
7	277 418 R1	TERMINAL, ground (5942271)
8	279 760 R91	LIGHT ASSEMBLY, tail (898894) (Composed of - §1 BODY 1 BULB 29 939 H 1 DOOR 50 500 H 1 GASKET 50 502 HA 1 LENS 50 501 HA 1 MOUNTING 298 420 R91 §1 TERMINAL 1 TERMINAL 277 418 R1)

AUXILIARY REAR LIGHT

281 923 R1	BRACKET, rear light (See NOTE 1) 1/2" NUT (2) 1/2 x 1" hex-hd. cap SCREW (2) 1/2" lock WASHER (2)
277 472 R91	CABLE, junction block to rear light (See NOTE 2)
264 164 R91	CLIP, cable (rubber covered) (See NOTE 2)
303 704 R92	REAR LIGHT ASSEMBLY (Hobbs) (optional with 338 826 R91) (for components see list of parts under details of "Headlights and Rear Lights") (Hobbs)

ELECTRICAL SYSTEM

TAIL LIGHT (GUIDE LAMP) AND GUARD - CONTINUED

REF. NO.	I. H. PART NUMBER	DESCRIPTION
9	277 461 R11	GUARD, rear light and tail light 1/2" NUT (2) 1/2 x 1-1/4" hex-hd. cap SCREW (2) 1/2" lock WASHER (2)
	277 551 R91	CABLE, lighting switch to junction block
	279 833 R91	CABLE, junction block to tail light TERMINAL (order 279 760 R91)

§ - Not Furnished Separately.

AUXILIARY REAR LIGHT - CONTINUED

338 826 R91	REAR LIGHT ASSEMBLY (Guide Lamp) (optional with 303 704 R92) (for components see list of parts under details of "Headlights and Rear Lights") (Guide Lamp)
303 706 R1	SWIVEL, rear light (See NOTE 1) 1/2" NUT 1/2 x 2-1/2" hex-hd. cap SCREW 1/2" lock WASHER

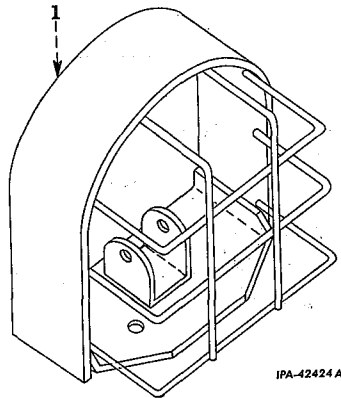
NOTE 1 - Illustrated with "Brackets and Swivels for Headlights and Rear Lights"

NOTE 2 - Illustrated with "Electric Starting and Lighting"

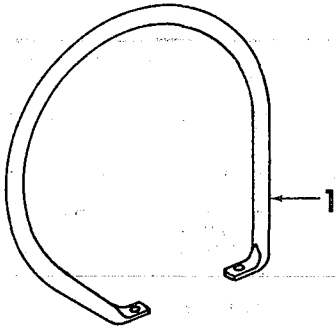


ELECTRICAL SYSTEM

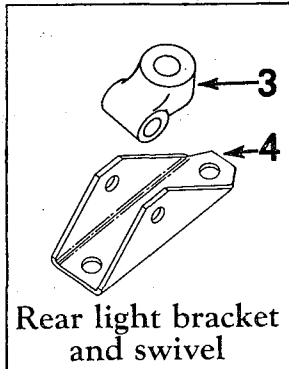
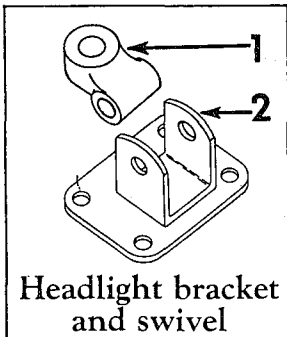
HEADLIGHT BRUSH GUARD



REAR LIGHT BRUSH GUARD



BRACKETS AND SWIVELS FOR HEADLIGHTS AND REARLIGHTS



ELECTRICAL SYSTEM

HEADLIGHT BRUSH GUARD — CONTINUED

REF. NO.	I. H. PART NUMBER	DESCRIPTION
1	274 571 R92	GUARD, headlight brush (2) 7/16 x 7/8" hex-hd. cap SCREW (8) 7/16" lock WASHER (8)

REF. NO.	I. H. PART NUMBER	DESCRIPTION
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REAR LIGHT BRUSH GUARD — CONTINUED

1	281 268 R2	GUARD, rear light brush 1/2NF NUT (2) 1/2NF x 1-3/4" hex-hd. cap SCREW (2) 1/2" lock WASHER (2)
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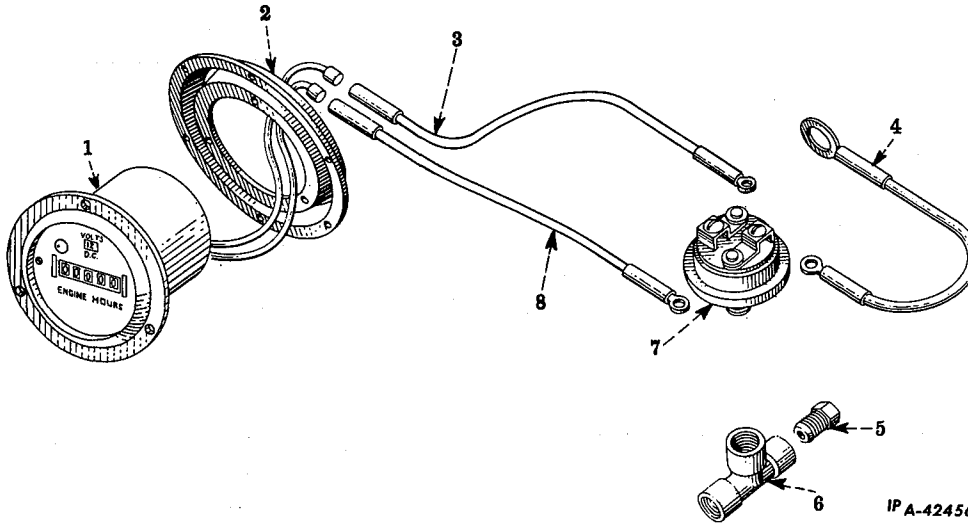
REF. NO.	I. H. PART NUMBER	DESCRIPTION
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BRACKETS AND SWIVELS FOR HEADLIGHTS AND REAR LIGHTS — CONTINUED

1	303 706 R1	SWIVEL, headlight (2) 1/2NF NUT (2) 1/2NF x 2-1/2" hex-hd cap SCREW (2) 1/2" lock WASHER (2)
2	282 081 R91	BRACKET, headlight mounting (not used with headlight brush guard attachment) (2) 7/16 x 7/8" hex-hd. cap SCREW (8) 7/16" lock WASHER (8)
3	303 706 R1	SWIVEL, rear light 1/2NF NUT 1/2NF x 2-1/2" hex-hd. cap SCREW 1/2" lock WASHER
4	281 923 R1	BRACKET, rear light 1/2NF NUT (2) 1/2NF x 1-3/4" hex-hd cap SCREW (2) 1/2" lock WASHER (2)

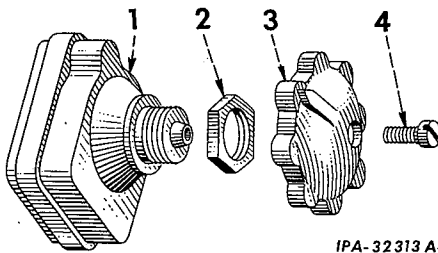
ELECTRICAL SYSTEM

ELECTRIC HOUR METER (Hobbs Corporation)



REF. NO.	I.H. PART NUMBER	DESCRIPTION
	274 580 R92	ATTACHMENT, electric hour meter (12 volt) (Consists of the following parts)
1	324 572 R91	METER, hour No. 6 x 5/16" sl-rd-hd. SCREW (cd-pltd.) (3) No. 6 lock WASHER (cd-pltd.) (3)
2	264 674 R91	DAMPER, vibration No. 6 x 5/16" slt-rd-hd. SCREW (cd-pltd.) (3) No. 6 lock WASHER (cd-pltd.) (3)
3	267 811 R91	CABLE, ammeter to hour meter
4	274 304 R91	CABLE, pressure switch to ground

LIGHTING SWITCH (Delco-Remy)



ELECTRICAL SYSTEM

ELECTRIC HOUR METER - CONTINUED (Hobbs Corporation)

REF. NO.	I.H. PART NUMBER	DESCRIPTION
5	369 987 R1	NUT, oil pressure gauge tube tee coupling (2)
6	265 874 R1	FITTING, engine oil pressure gauge tee
7	132 244 R91	SWITCH, pressure (Hobbs) (optional with 277 748 R91)
7	277 748 R91	SWITCH, pressure (Rochester) (optional with 132 244 R91)
8	271 066 R91	CABLE, pressure switch to hour meter

NOTE 1 - Factory Application - Order on Machine Order Form.
NOTE 3 - Field Application - Order through Regular Service Parts Channels

REF. NO.	DELCO-REMY NUMBER	DESCRIPTION
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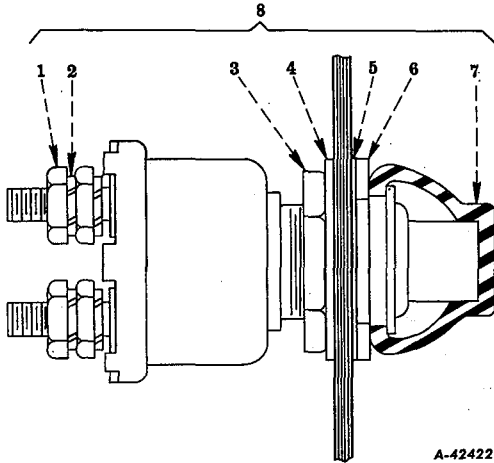
LIGHTING SWITCH - CONTINUED (Delco-Remy)

1	1994050	SWITCH, lighting 11/16" internal-tooth lock WASHER
2	1882012	NUT, lighting switch mounting
3	1882013	KNOB, lighting switch
4	1864099	SCREW, lighting switch knob mounting No. 8 cd-pltd lock WASHER
	1882994	SCREW, No. 8 x 3/8" terminal (6)



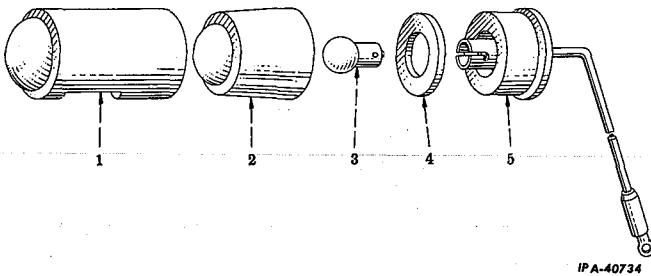
ELECTRICAL SYSTEM

STARTING SWITCH (Delco-Remy)



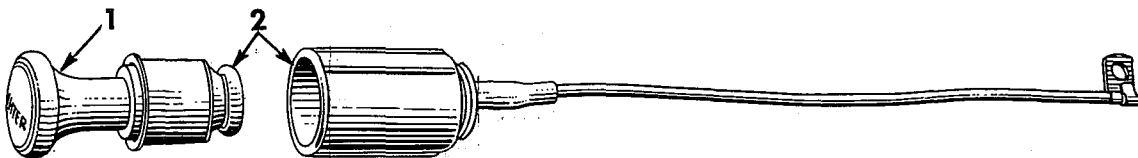
A-42422

DASH LIGHT (Guide Lamp Corporation)



IPA-40734

CIGARETTE LIGHTER



IPA-60074

REF. NO.	I. H. PART NUMBER	DESCRIPTION
	278 730 R91	ATTACHMENT, cigarette lighter (Consists of the following parts) (See NOTES 1 and 2)
1	363 422 R91	UNIT, pop-out
2		LIGHTER w/UNIT 363 422 R91, cigarette (12 volt) (order 278 730 R91)



ELECTRICAL SYSTEM

REF. NO.	DELCO-REMY NUMBER	DESCRIPTION
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STARTING SWITCH - CONTINUED (Delco-Remy)

1	120614	NUT, terminal (2)
2	120217	WASHER, terminal lock (2)
3	1855936	NUT, inner mounting
4	138557	WASHER, mounting nut lock
5	1913828	WASHER, mounting nut
6	1903896	NUT, outer mounting
7	1914549	ROOT
8	1996080	SWITCH ASSEMBLY, starting

REF. NO.	I. H. PART NUMBER	DESCRIPTION
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DASH LIGHT - CONTINUED (Guide Lamp Corporation)

	271 077 R91	LIGHT ASSEMBLY, dash (897787) (2)
1	313 095 R1	COVER (5948941) (will work for 271 588 R1)
2	89 884 R1	LENS, outlook glass (922042)
3	193 125	BULB (6 cp. 12 volt) (631)
4	89 883 R1	GASKET (923079)
5	271 587 R91	SOCKET and WIRING (5946285)
	89 886 R91	SCREW (923088) (2)

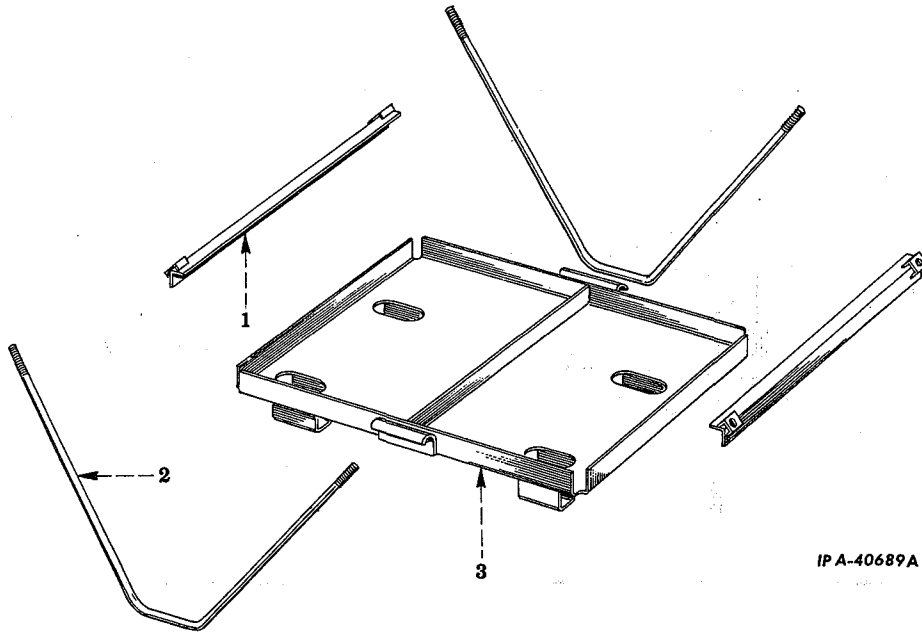
CIGARETTE LIGHTER - CONTINUED

REF. NO.	I. H. PART NUMBER	DESCRIPTION
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NOTE 1 - Factory Application - Order on Machine Order Form.
NOTE 2 - Field Application - Order on Machine Order Form.

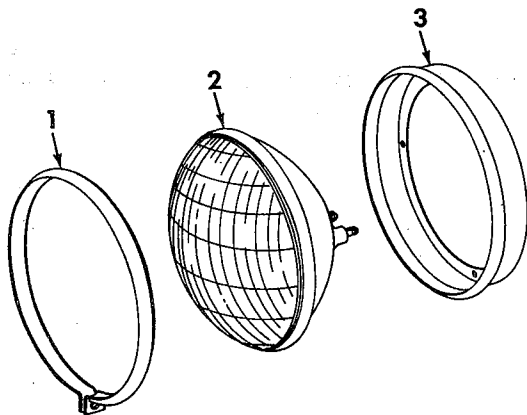
ELECTRICAL SYSTEM

BATTERY BOX



REF. NO.	I. H. PART NUMBER	DESCRIPTION
1	277 022 R1	RETAINER, battery hold-down (2)
2	272 192 R1	BOLT, battery hold-down (2) 3/8" wing NUT (4) 3/8" wing lock WASHER (4)
3	272 185 R11	SUPPORT, battery 1/2 x 1" hex-hd. cap SCREW (4) 1/2" lock WASHER (4)

HEADLIGHT AND REAR LIGHT (United Specialties)

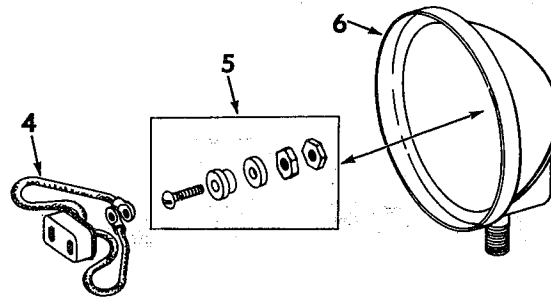


ELECTRICAL SYSTEM

BATTERY BOX - CONTINUED

REF. NO.	I. H. PART NUMBER	DESCRIPTION
		HIGH OUTPUT GENERATOR
		GENERATOR ASSEMBLY, high output (for components see list of parts under details of "Generator")
		REGULATOR ASSEMBLY, voltage (for components see list of parts under details of "Voltage Regulator")

HEADLIGHT AND REAR LIGHT - CONTINUED (United Specialties)





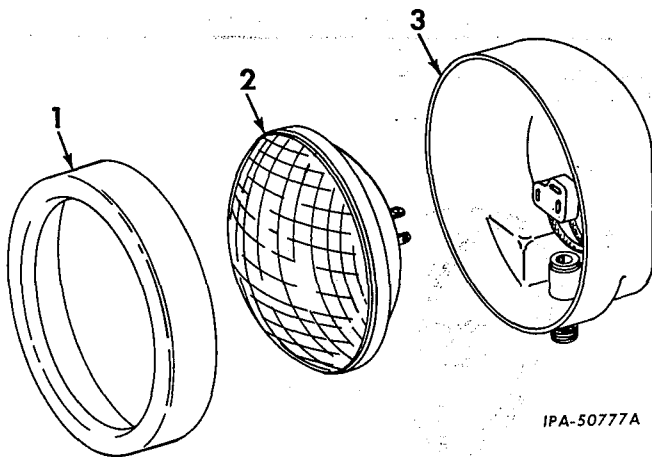
ELECTRICAL SYSTEM

REF. NO.	I.H. PART NUMBER	DESCRIPTION
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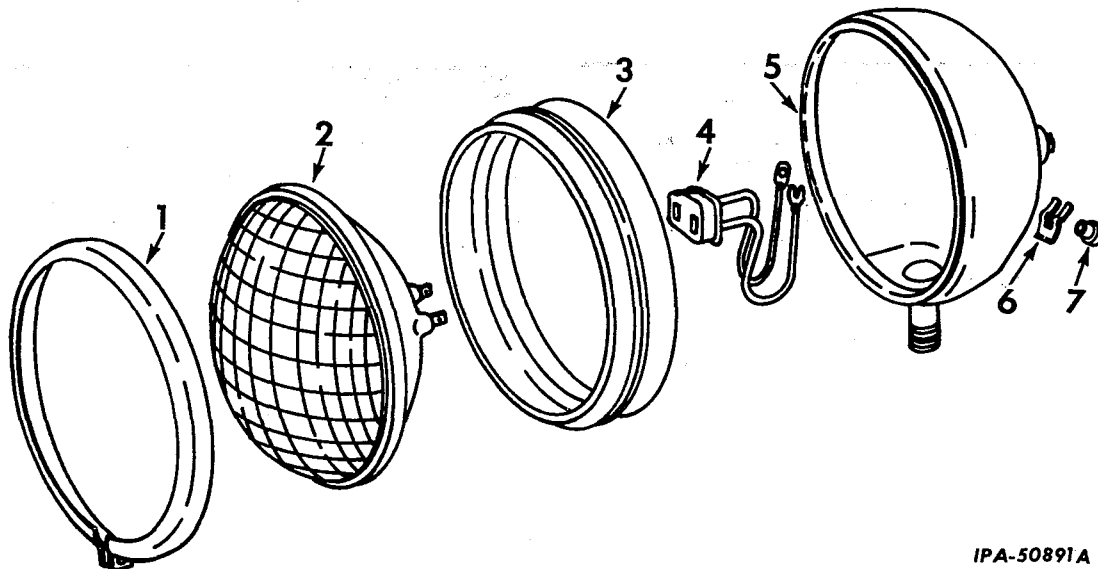
HEADLIGHT AND REAR LIGHT - CONTINUED (United Specialties)

1	303 715 R91	CLAMP (718B1K011) (3) No. 10 hex-hd. slt. mach. SCREW (3)
2	272 061 R91	UNIT, sealed (4478) (3)
3	303 716 R91	GASKET (615BX14A) (3)
4	303 717 R91	BLOCK, terminal (834A3) (3)

HEADLIGHT AND REAR LIGHT (Hobbs)



HEADLIGHT AND REAR LIGHT (Guide Lamp)



ELECTRICAL SYSTEM

REF. NO.	I.H. PART NUMBER	DESCRIPTION
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HEADLIGHT AND REAR LIGHT - CONTINUED (United Specialties)

5	303 718 R91	NUT, screw insulation (139A2) (3)
6		HOUSING, light (Not Furnished Separately) (3) 1/2NF NUT (3) 1/2" lock WASHER (3) SCREW, No. 8 x 1/2" self tapping (12)

REF. NO.	I.H. PART NUMBER	DESCRIPTION
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HEADLIGHT AND REAR LIGHT - CONTINUED (Hobbs)

303 704 R92	HEADLIGHT AND REAR LIGHT ASSEMBLY (optional with 338 826 R91) (MI 1498) (3) (Composed of -	
1	RETAINER	303 722 R1
§1	SHELL	
1	SUPPORT	303 724 R1
1	UNIT	272 061 R91
	1/2NF NUT (3)	
	1/2" lock WASHER (3)	

1	303 722 R1	RETAINER, lamp (3736) (3)
2	272 061 R91	UNIT, sealed (4478) (3)
3		SHELL (order 303 704 R91) (3) SCREW, No. 8 x 5/16" tapping (Phosphate coated) (3)
	303 724 R1	SUPPORT, lamp (3737) (3)

§ - Not Furnished Separately.

HEADLIGHT AND REAR LIGHT - CONTINUED (Guide Lamp)

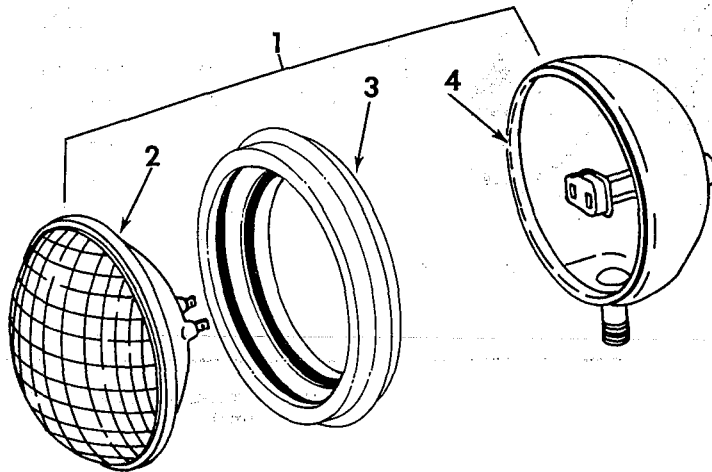
ELECTRICAL SYSTEM

REF. NO.	I. H. PART NUMBER	DESCRIPTION
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HEADLIGHT AND REAR LIGHT - CONTINUED (Guide Lamp)

303 705 R91	HEADLIGHT and REAR LIGHT ASSEMBLY (order 338 826 R91) (899285) (3) (Composed of -	
§1	BODY	
1	CONNECTOR and WIRE	305 161 R91
1	MOLDING	305 162 R91
1	PLATE	68 417 D
1	RING	305 164 R1
1	SCREW	53 526 D
1	SPRING	79 408 H
1	UNIT	272 061 R91)
	1/2NF NUT (3)	
	1/2" lock WASHER (3)	
1	305 162 R91	MOLDING (5949722) (3)
	53 526 D	SCREW, (912048) (3)

HEADLIGHT AND REAR LIGHT (Guide Lamp)



IPA-67725

REF. NO.	I. H. PART NUMBER	DESCRIPTION
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1	338 826 R91	HEADLIGHT and REAR LIGHT ASSEMBLY (optional with 303 704 R92) (will work for 303 705 R91) (899600) (3) 1/2NF NUT (3) 1/2" lock WASHER (3)
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ELECTRICAL SYSTEM

REF. NO.	I. H. PART NUMBER	DESCRIPTION
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HEADLIGHT AND REAR LIGHT - CONTINUED (Guide Lamp)

2	272 061 R91	UNIT, sealed (4478) (3)
3	305 164 R1	RING, resilient mounting (5949719) (3)
4	305 161 R91	CONNECTOR and WIRE (921232) (3)
5		BODY (order 303 705 R91) (3)
6	79 408 H	SPRING (922785) (3)
7	68 417 D	PLATE, terminal (922786) (3)
	305 163 R91	MOLDING (5949723) (3)
	53 526 D	SCREW (912048) (3)
		SCREW, No. 8 x 5/16" slt-rd-hd. mach. terminal plate (cadmium or zinc plated) (6)
		WASHER, terminal plate lock (No. 8 internal tooth) (cadmium or zinc plated) (6)
		§ - Not Furnished Separately.

HEADLIGHT AND REAR LIGHT - CONTINUED (Guide Lamp)

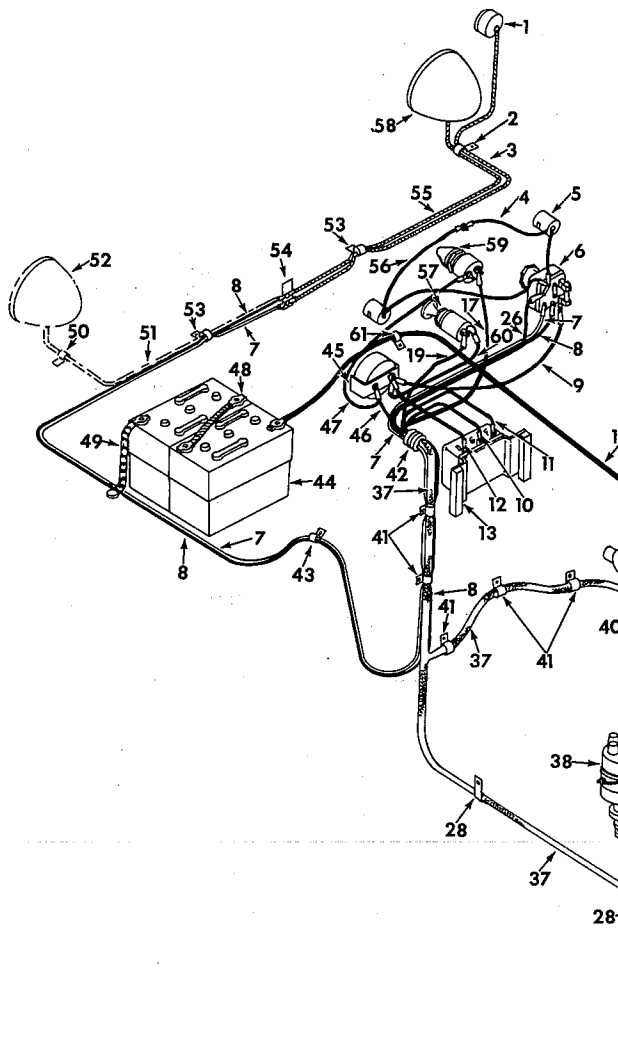
REF. NO.	I. H. PART NUMBER	DESCRIPTION
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2	272 061 R91	UNIT, sealed (4478) (3)
3	338 896 R1	RETAINER, sealed unit (5932776) (3)
4		BODY (order 338 826 R91) (3)



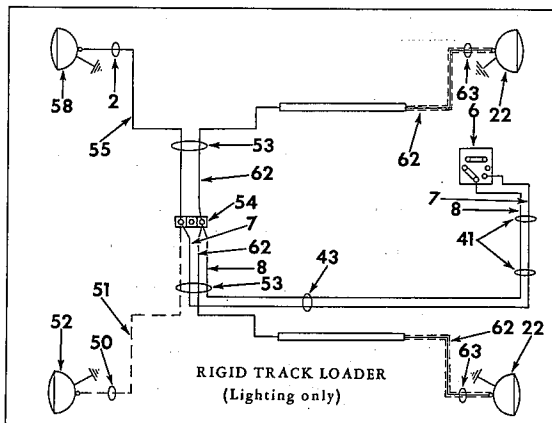
ELECTRICAL SYSTEM

ELECTRIC STARTING AND LIGHTING
(Battery Ignition)



ELECTRICAL SYSTEM

ELECTRIC STARTING AND LIGHTING - CONTINUED
(Battery Ignition)



IPB-10688

REF. NO.	I. H. PART NUMBER	DESCRIPTION
1	279 760 R91	LIGHT, tail (special) (for components see list of parts under details of "Tail Light and Guard")
2	263 717 R91	CLIP, cable (rubber coated) (mounted on rear light bracket inner bolt)
3	279 833 R91	CABLE, junction block to tail light (special)
4	274 304 R91	CABLE, LH dash light ground
5	271 077 R91	LIGHT ASSEMBLY, dash (for components see list of parts under details of "Dash Light") (2)
6		SWITCH ASSEMBLY, lighting (Delco-Remy No. 1994050) (for components see list of parts under details of "Lighting Switch")
7	277 551 R92	CABLE, lighting switch to tail light junction block (special) (red)

REF. NO.	I. H. PART NUMBER	DESCRIPTION
8	32 047 DB	CABLE, lighting switch to rear light junction block (black)
9	358 588 R91	CABLE, lighting switch to positive on ammeter
10		CABLE, "A" terminal on generator to "GEN" terminal on regulator (yellow) (order 304 225 R92)
11		CABLE "F" on generator to "F" on regulator (blue) (order 304 225 R92)
12	266 757 R91	CABLE, ammeter to "BATT" on regulator
13		REGULATOR ASSEMBLY, voltage (Delco-Remy No. 1119935) (standard) (for components see list of parts under details of "Voltage Regulator")
13		REGULATOR ASSEMBLY, voltage (Delco-Remy No. 1119181) (special) (for components see list of parts under details of "Voltage Regulator")

ELECTRICAL SYSTEM

REF. NO.	I. N. PART NUMBER	DESCRIPTION
ELECTRIC STARTING AND LIGHTING - CONTINUED (Battery Ignition)		
14	322 939 R91	CABLE, battery to solenoid (used on TD-15-700-0)
14	274 455 R91	CABLE, battery to solenoid (not used on TD-15-700-0)
15	264 196 R91	CLIP, cable (mounted on fuel pipe mounting bolt)
16		SWITCH ASSEMBLY, solenoid (Delco-Remy No. 1119778) (for components see list of parts under details of "Cranking Motor")
17		CABLE, starting switch to solenoid (gray) (order 304 225 R92)
18		CABLE, solenoid to cranking motor (Delco-Remy No. 1847199)
19		CABLE, ignition switch to ignition cut-out switch (order 304 225 R92)
20	264 171 R12	COVER ASSEMBLY, front intake manifold (for components see list of parts under details of "Intake Manifold")
21	265 904 R91	CABLE, resistor to ignition cut-out switch
22	303 704 R92	HEADLIGHT ASSEMBLY (Hobbs) (for components see list of parts under details of "Headlight and Rear Light") (optional with 338 826 R91) (2)
22	338 826 R91	HEADLIGHT ASSEMBLY (Guide Lamp) (for components see list of parts under details of "Headlight and Rear Light") (optional with 303 704 R92) (2) 1/2NF NUT (2) 1/2" lock WASHER (2)
23	274 456 R91	CABLE, headlight to headlight
26		CABLE, lighting switch to headlight junction block (black) (order 304 225 R92)
27	264 164 R91	CLIP, cable (rubber covered) (mounted on fan housing) (4)
28	263 514 R91	CLIP, cable (rubber covered) (mounted on RH main frame side channel) (3)
29	263 514 R91	CLIP, cable (rubber covered) (mounted on hydraulic pump inner bottom mounting bolt)
30		GENERATOR ASSEMBLY (Delco-Remy No. 1105102) (standard) (for components see list of parts under details of "Generator")
30		GENERATOR ASSEMBLY (Delco-Remy No. 1105111) (special) (for components see list of parts under details of "Generator") 1/2NF NUT (2) 1/2NF x 1-1/2" hex-hd. cap SCREW (2) 1/2" lock WASHER (2)
31	263 514 R91	CLIP, cable (rubber covered) (mounted on hydraulic pump inner top mounting bolt)
32	263 308 R91	CLIP, cable (rubber covered) (mounted on intake manifold front bolt) 17/32 x 1-1/16 x 3/32" flat WASHER
33	62 862 D	CABLE, coil to resistor terminal on solenoid
34	357 929 R91	CABLE, resistor to coil

ELECTRICAL SYSTEM

REF. NO.	I. N. PART NUMBER	DESCRIPTION
ELECTRIC STARTING AND LIGHTING - CONTINUED (Battery Ignition)		
35	368 839 R91	COIL, ignition (12R)
36	368 989 R91	CLAMP and RESISTOR, coil
37	304 225 R92	HARNES, cable
38	358 381 R92	DISTRIBUTOR ASSEMBLY (for components list of parts under details of "Distributor")
39	265 906 R91	CABLE, distributor to coil secondary
40		MOTOR ASSEMBLY, cranking (Delco-Remy No. 1113345) (for components see list of parts under details of "Cranking Motor") 1/2NF x 1-1/8" hex-hd. cap SCREW (3) 1/2" lock WASHER (3)
41		CLIP, cable (rubber covered) (welded on dash) (5)
42	112 745	GROMMET, cable harness (on dash)
43	263 717 R91	CLIP, cable (rubber covered) (mounted on outer front bolt at brake inspection cover)
44		BATTERY (dry charged) (Auto-Lite 4HG-160 R2) (optional with 4H-2222) (2)
44		BATTERY (dry charged) (Globe-Union 4H-2222) (optional with 4HG-160 R2) (2)
45	269 467 R92	AMMETER (Rochester) (also listed with "Instruments and Instrument Panel")
46		CABLE, ammeter to solenoid (red) (order 304 225 R92)
47		CABLE, ammeter to starting switch (green) (order 304 225 R92)
48	253 738 R91	CABLE, battery to battery
49	266 855 R91	CABLE, battery to ground
50	263 717 R91	CLIP, cable (rubber covered) (mounted on auxiliary rear light bracket inner bolt)
51	277 472 R91	CABLE, junction block to auxiliary rear light TD-150-501 to 1604
51	62 860 D	CABLE, junction block to auxiliary rear light TD-150-1605 up
52	303 704 R92	REAR LIGHT ASSEMBLY, auxiliary (Hobbs) (special) (for components see list of parts under details of "Headlight and Rear Light") (optional with 338 826 R91)
52	338 826 R91	REAR LIGHT ASSEMBLY, auxiliary (Guide Lamp) (special) (for components see list of parts under details of "Headlight and Rear Light") (optional with 303 704 R92) 1/2"NF NUT 1/2" lock WASHER
53	263 514 R91	CLIP, cable (rubber covered) (mounted on seat support, rear) (2)
54	300 559 R91	BLOCK, rear light junction No. 10 NF NUT (2) No. 10 NF x 3/4" slt-rd-hd. mach. SCREW (2) No. 10 lock WASHER (2)

ELECTRICAL SYSTEM

MEMORANDUM

REF. NO.	I.H. PART NUMBER	DESCRIPTION
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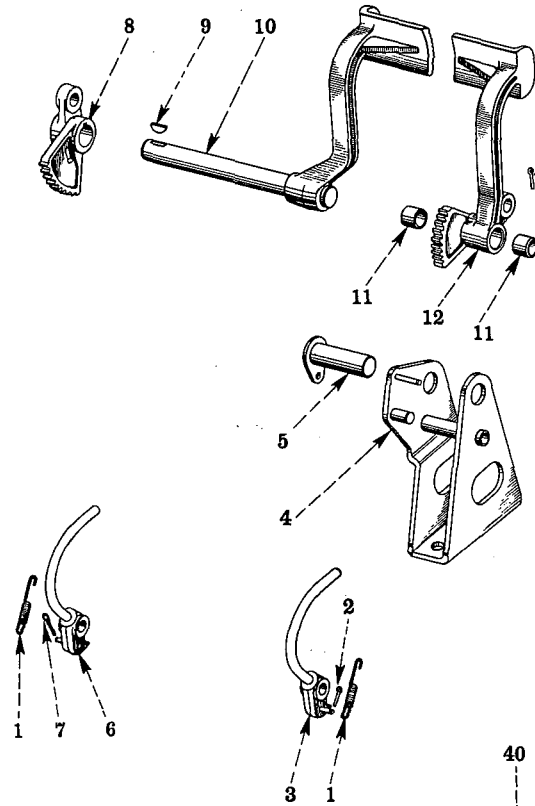
ELECTRIC STARTING AND LIGHTING - CONTINUED
 (Battery Ignition)

55	277 472 R91	CABLE, junction block to rear light TD-150-501 to 1604
55	62 860 D	CABLE, junction block to rear light TD-150-1605 up
56	274 305 R91	CABLE, RH dash light to ground terminal No. 10 NUT No. 10 x 1/2" slt-rd-hd. mach. SCREW No. 10 lock WASHER
57	62 801 DC	SWITCH ASSEMBLY, ignition (for components see list of parts under details of "Ignition Switch")
58	303 704 R92	REAR LIGHT ASSEMBLY (Hobbs) (for components see list of parts under details of "Headlight and Rear Light") (optional with 338 826 R91)
58	338 826 R91	REAR LIGHT ASSEMBLY (Guide Lamp) (for components see list of parts under details of "Headlight and Rear Light") (optional with 303 704 R92) 1/2NF NUT 1/2" lock WASHER
59		SWITCH ASSEMBLY, starting (Delco-Remy No. 1996080) (for components see list of parts under details of "Starting Switch")
60	266 760 R91	CABLE, ignition switch to positive on ammeter (will work for 62 859 D)
61	267 787 R91	CLIP, cable (rubber covered) (mounted on hydraulic booster support, outside rear mounting bolt)
62	316 646 R91	CABLE, rear junction block to front lamp (used on Rigid Track Loader Tractors only) (2)
63	263 717 R91	CLIP, cable (on front lamp bracket rear inner bolt) (used on Rigid Track Loader Tractors only) (2)
	356 062 R91	BOLT, battery terminal
	432 644	FUSE, lighting switch
	273 406 R1	GROMMET, dash light mounting (2)
	271 080 R1	SCREW, dash light mounting (6) No. 12 internal tooth lock WASHER (4)
	354 260 R1	SPACER, junction block
	273 405 R1	WASHER, dash light mounting (4)
		WASHER, 1/2" internal-external tooth lock (battery to ground cable)



STEERING SYSTEM

STEERING BRAKES AND CONTROLS

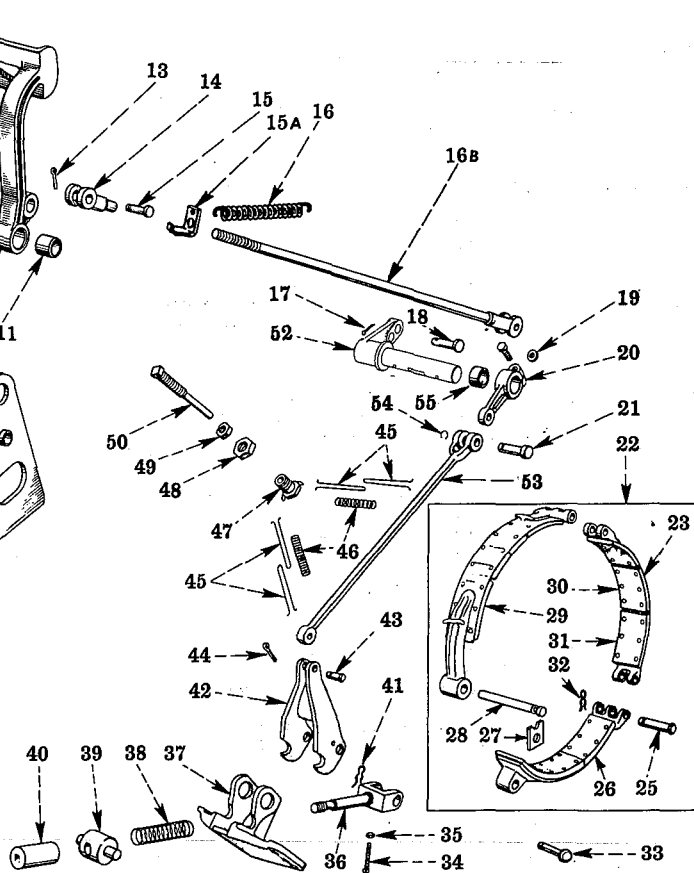


IPA-42429 D



STEERING SYSTEM

STEERING BRAKES AND CONTROLS — CONTINUED



REF. NO.	I. H. PART NUMBER	DESCRIPTION
1	272 182 R1	SPRING, brake locking pawl (2)
2		PIN, brake pedal ratchet pawl pivot cotter (1/8 x 3/4")
3	272 177 R91	PAWL, LH brake ratchet
4	274 200 R92	SUPPORT, LH brake pedal 5/8 x 1" hex-hd. cap SCREW (2) 17/32 x 1-1/16 x No. 13 ga. flat WASHER
5	272 174 R11	SHAFT, LH brake pedal 3/8 x 5/8" hex-hd. cap SCREW 3/8" lock WASHER
6	272 178 R91	PAWL, RH brake ratchet
7		PIN, brake pedal ratchet pawl pivot cotter (1/8 x 3/4")
8	272 176 R1	ARM and RATCHET, RH brake pedal 5/8 x 1-3/4" hex-hd. cap SCREW
9	103 909	KEY, brake pedal arm and ratchet (Woodruff No. 18, 1/4 x 1-1/8")
10	311 373 R11	PEDAL, RH brake (will work for 272 425 R92)
11	272 167 R1	BUSHING, LH brake pedal (2)
12	272 171 R21	PEDAL w/two BUSHING, 272 167 R1 LH brake

REF. NO.	I. H. PART NUMBER	DESCRIPTION
13		PIN, steering brake rod outer adjustable clevis end cotter (5/32 x 1-1/8") (2)
14	144 247	CLEVIS, adjusting steering brake rod outer (2)
15	311 191 R1	PIN, steering brake rod outer adjustable clevis end (2)
15A	277 061 R11	ANCHOR, brake pedal return spring (front) (2)
16	23 370 D	SPRING, steering brake return (2)
16B	272 157 R11	ROD, outer steering brake (2)
17	103 373	PIN, 3/32 x 3/4" cotter (2)
18	103 498	PIN, steering brake rod end (2) 3/4" jam NUT (2)
19	20 841 D	KEY, steering brake lever inner (2)
20	5 813 DC	LEVER, steering brake inner (2) 1/2 x 1-5/8" hex-hd SCREW (2) 1/2" lock WASHER (2)
21	103 498	PIN, steering brake rod inner upper end (2)
22	269 225 R91	BAND ASSEMBLY, steering brake (2) (Composed of -
	1	BAND 269 215 R91
	1	BAND 269 218 R91
	1	BAND 269 224 R91
	2	PIN 269 173 R1
	2	RING 269 174 R1)


STEERING SYSTEM

REF. NO.	I. H. PART NUMBER	DESCRIPTION
STEERING BRAKES AND CONTROLS - CONTINUED		
23	269 218 R91	BAND, w/LINING and eighteen RIVET, 269 164 R1, center steering brake (2)
25	304 948 R1	PIN, steering brake band hinge (4)
26	269 224 R91	BAND, w/LINING and eighteen RIVET, 269 164 R1, rear steering brake (2)
27	275 059 R1	RETAINER, upper steering brake band pivot joint pin (2) 3/8 x 3/4" hex-hd. cap SCREW (2) 3/8" lock WASHER (2)
28	275 058 R1	PIN, upper steering brake band pivot joint (2)
29	269 215 R91	BAND, w/LINING and eighteen RIVET, 269 164 R1, front steering brake (2)
	269 226 R91	PACKAGE w/nine LININGS and fifty-four RIVETS, 269 164 R1, field service (for tractors with standard size steering clutch brake drum) (X)
30		LINING, steering brake band (for tractors with standard size steering clutch brake drums) (order 269 226 R91) (18)
30		LINING, steering brake band (for tractors with undersize steering clutch brake drums) (order 272 864 R91) (18)
31	269 164 R1	RIVET, steering brake band lining (108)
32	148 151	SPRING, steering brake band hinge pin retaining (7/16" groove)
33	304 947 R1	PIN, steering brake band adjusting clevis (2)
34		SCREW, 3/8 x 2-1/4" sq-hd. set (2)
35		NUT, 3/8" jam (2)
36	269 179 R1	CLEVIS, steering brake band adjusting (2)
37	269 227 R2	BRACKET, LH steering brake anchor 1/2 x 1-1/4" hex-hd. cap SCREW (4) 1/2" internal-tooth, lock WASHER (4)
37	269 228 R2	BRACKET, RH steering brake anchor 1/2 x 1-1/4" hex-hd. cap SCREW (4) 1/2" internal-tooth, lock WASHER (4)
38	269 182 R1	SPRING, steering brake band release (2)
39	273 753 R1	PIN, lower steering brake pivot joint (2)
40	269 183 R1	NUT, steering brake band adjusting (2)
41	148 153	SPRING, steering brake band adjusting clevis pin retaining (9/16" groove)
42	269 186 R3	LEVER, steering brake pivot (2)
43	304 949 R1	PIN, steering brake rod inner lower end (2)
44		PIN, steering brake rod inner end cotter (1/8 x 3/4")
45	269 178 R1	HOOK, steering brake band anchor spring (8)
46	269 177 R1	SPRING, steering brake band anchor (4)
47	43 664 DC	ANCHOR, steering brake return spring (2)
48		NUT, 1" jam (2)
49	102 639	NUT, 5/8" (2)
50	53 505 D	SCREW, set steering brake band (2)

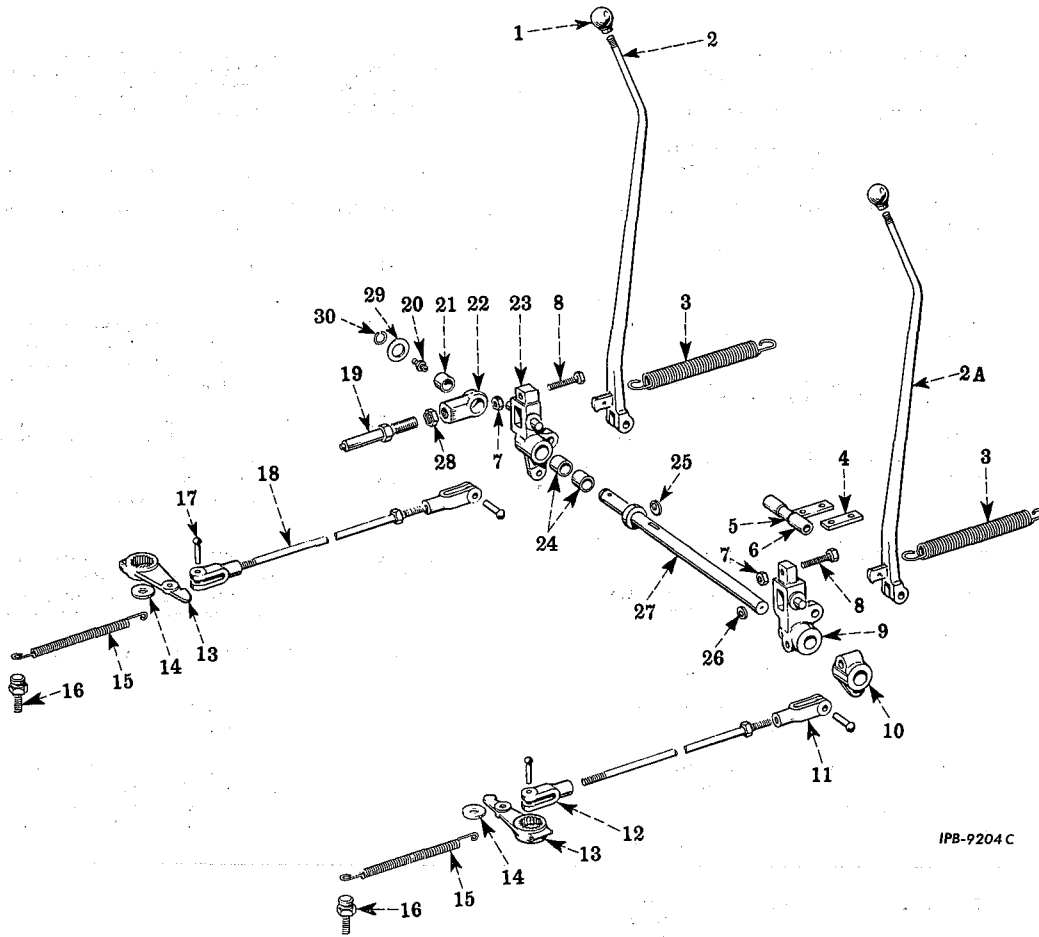

STEERING SYSTEM

REF. NO.	I. H. PART NUMBER	DESCRIPTION
STEERING BRAKES AND CONTROLS - CONTINUED		
52	272 427 R91	LEVER, outer LH brake
	615 227 R1	WASHER, 1-1/32" x 1-3/4" x No. 11 ga.
52	272 428 R91	LEVER, outer RH brake
	615 227 R1	WASHER, 1-1/32" x 1-3/4" x No. 11 ga.
53	269 229 R11	ROD, inner steering brake (2)
54	269 192 R1	RING, steering brake rod outer end pin retaining (2)
55	41 519 D	SEAL, steering brake lever outer dirt (2)
	109 459	FITTING, brake pedal support lubrication (Lincoln 5100) (optional with 271 282)
	291 282	FITTING, brake pedal support lubrication (Alemite 1611 BL) (optional with 109 459)
	109 459	FITTING, steering brake outer lever shaft lubrication (Lincoln 5100) (optional with 271 282) (2)
	271 282	FITTING, steering brake outer lever shaft lubrication (Alemite 1611 BL) (optional with 109 459) (2)
	109 461	FITTING, LH brake pedal lubrication (Lincoln 5000) (optional with 138 322 H)
	138 322 H	FITTING, LH brake pedal lubrication (Alemite 1610 BL) (optional with 109 461)
	179 843	ANCHOR, brake pedal return spring (rear) (2)
		NUT, 3/8" jam (for brake pedal return spring anchor, rear) (2)
	272 864 R91	PACKAGE w/nine LININGS and fifty-four RIVETS, 269 164 R1, field service (for tractors with undersize steering clutch brake drums) (X)
X - As Required		



STEERING SYSTEM

STEERING CLUTCH CONTROLS



IPB-9204 C

REF. NO.	I. H. PART NUMBER	DESCRIPTION
1	264 097 R2	BALL, steering clutch band lever (2)
2	272 533 R22	LEVER, LH steering clutch hand
2A	272 533 R12	LEVER, RH steering clutch hand (TD-150 501 to 1913)
2A	307 487 R92	LEVER, RH steering clutch hand (TD-150 1914 to 4000) (TD-151 4001 up)
3	272 536 R1	SPRING, steering clutch hand lever return (2)
4	272 540 R1	RETAINER, steering clutch hand lever stop
5	272 537 R11	STOP w/two BUMPER, 272 539 R1 steering clutch hand lever 3/8 x 7/8" hex-hd. cap SCREW (2) 3/8" lock WASHER (2)
6	272 539 R1	BUMPER, steering clutch hand lever stop (2)
7		Follows Ref. No. 8
8	272 542 R1	SCREW, steering clutch hand lever hub adjustment (2) 1/2" jam NUT (2)



STEERING SYSTEM

STEERING CLUTCH CONTROLS - CONTINUED

REF. NO.	I. H. PART NUMBER	DESCRIPTION
9	279 576 R1	HUB, RH steering clutch hand lever 1/2" NF NUT 1/8 x 1" cotter PIN (2) 1/2NF x 2-1/4" hex-hd. cap SCREW 1/2" lock WASHER 21/32 x 1-5/16 x No. 13 ga. flat WASHER (2)
10	279 578 R1	ARM, steering clutch hand lever 1/2"NF NUT 1/2 x 2-1/4" hex-hd. cap SCREW 1/2" lock WASHER
11	63 229 D	YOKE, steering clutch operating rod (right hand thread) (2) (TD-15-501 to 3500)
11	311 446 R2	YOKE, steering clutch operating rod (right hand thread) (2) (TD-150 3501 to 4000) (TD-151 4001 up)
12	63 228 D	YOKE, steering clutch operating rod (left hand thread) (2) (TD-150 501 to 3500)
12	311 445 R2	YOKE, steering clutch operating rod (left hand thread) (2) (TD-150 3501 to 4000) (TD-151 4001 up)
13	272 321 R1	LEVER, steering clutch release (2) 3/8"NF NUT (2) 3/8NF x 2-1/2" hex-hd. cap SCREW (2) 3/8" lock WASHER (2)



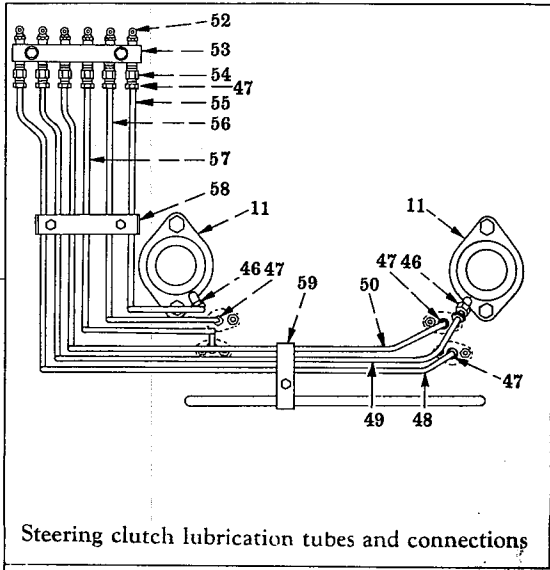
STEERING SYSTEM

REF. NO.	I.H. PART NUMBER	DESCRIPTION
STEERING CLUTCH CONTROLS - CONTINUED		
14	45 794 D	WASHER, steering clutch release lever retainer (2) 1/2NF x 1-1/4" hex-hd. cap SCREW (2) 1/2" lock WASHER (2)
15	57 288 D	SPRING, steering clutch release lever return (2)
16	318 948 R1	ANCHOR, steering clutch release lever return spring (2) (TD-150-4001 Up)
16	276 187 R1	ANCHOR, steering clutch release lever return spring (2) (TD-150-501 to 4000) 1/2" lock WASHER (2)
17	33 557 V	PIN, steering clutch operating rod yoke (will work for 103 498) (4) 3/32 x 3/4" cotter PIN (4)
18	311 443 R11	ROD, steering clutch operating (2) (TD-150 3501 to 4000) (TD-151 4001 Up) 5/8" NUT (2)
	18 559 R1	NUT, 5/8" (left hand thread) (2)
18	60 230 DXA	ROD, steering clutch operating (2) (TD-150 501 to 3500) 1/2" NUT (2)
	18 277 R1	NUT, 1/2" (left hand thread) (2)
19	273 084 R11	ROD, steering clutch hand lever shaft tie
20	126 152	FITTING, 1/8" x 90° steering clutch hand lever shaft lubrication (Lincoln 5200) (optional with 271 283)
20	271 283	FITTING, 1/8" x 90° steering clutch hand lever shaft lubrication (Alemite 1688 B) (optional with 126 152)
21	272 301 R1	BUSHING, steering clutch hand lever shaft tie rod adjusting eye
22	273 085 R21	EYE w/BUSHING, 272 301 R1, adjusting, steering clutch hand lever shaft tie rod
23	272 534 R31	HUB w/two BUSHING, 272 301 R1, LH steering clutch hand lever 1/8 x 1" cotter PIN (2) 21/32 x 1-5/16 x No. 13 ga. flat WASHER (2)
24	272 301 R1	BUSHING, steering clutch hand lever hub (2)
25	279 577 R1	KEY, RH steering clutch hand lever arm (Woodruff No. 13)
26	279 577 R1	KEY, RH steering clutch hand lever hub (Woodruff No. 13)
27	272 248 R3	SHAFT, steering clutch hand lever (order PACKAGE, 322 963 R91, except for Equipment Combination, TD-15-700-0, order SHAFT, 322 938 R1, RING, 322 962 R1 and WASHER, 322 534 R1) TD-150 501 to 4000, TD-151 4001 to 5050
27	272 248 R4	SHAFT, steering clutch hand lever (not used on Equipment Combination TD-15-700-0) TD-151 5051 up
27	322 938 R1	SHAFT, steering clutch hand lever (used on Equipment Combination TD-15-700-0) TD-151 5051 up
28		NUT, steering clutch hand lever shaft tie rod adjusting (3/4" jam)
29	322 534 R1	WASHER, steering clutch hand lever shaft TD-151 5051 up

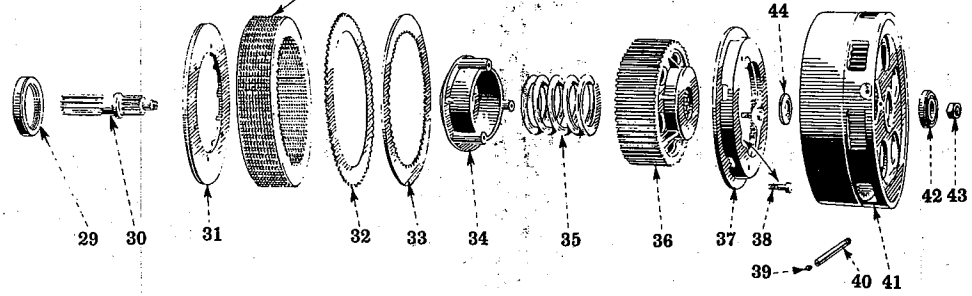
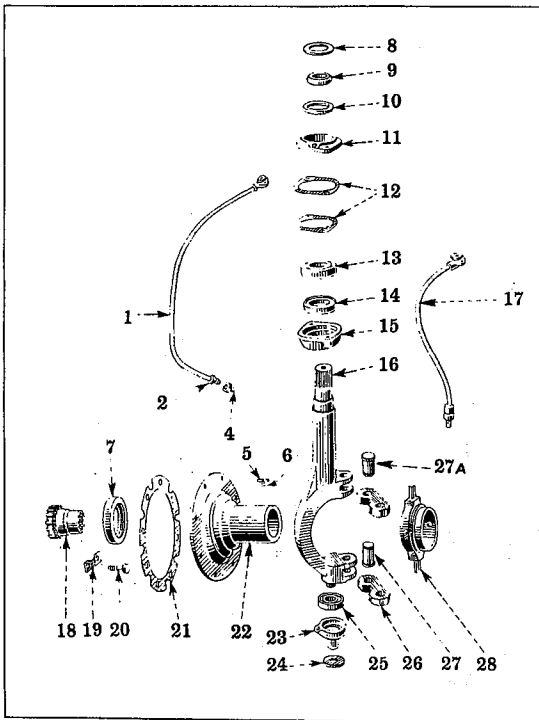


STEERING SYSTEM

REF. NO.	I.H. PART NUMBER	DESCRIPTION
STEERING CLUTCH CONTROLS - CONTINUED		
30	322 962 R1	RING, steering clutch hand lever shaft snap TD-151 5051 up
	322 963 R91	PACKAGE, steering clutch hand lever shaft field service (Consists of RING, 322 962 R1, SHAFT, 272 248 R4 and WASHER, 322 534 R1) TD-150 501 to 4000, TD-151 4001 to 5050
	98 795 H	PIN, steering clutch hand lever (2) 1/8 x 1" cotter PIN (2) 21/32 x 1-5/16 x No. 13 ga. flat WASHER (2)
	279 664 R1	WASHER, steering clutch hand lever shaft



This assembly is made up of
 11 driving discs (Ref. No. 32) and
 12 friction discs (Ref. No. 33)



IPB-10307 B


STEERING SYSTEM

REF. NO.	I.H. PART NUMBER	DESCRIPTION
STEERING CLUTCH RELEASE SHAFT AND MECHANISM - CONTINUED		
1	272 449 R92	TUBE w/NUT, 369 989 R1 steering clutch release fork lower bearing lower grease (2)
	13 329 R1	BOLT, machine, 1/4 x 5/8" (4) 1/4" jam, NUT (4) 1/4" internal-tooth, lock WASHER (4)
2	369 989 R1	NUT, steering clutch release fork lower bearing grease tube connector (2)
4	35 252 D	CONNECTOR, steering clutch release fork lower bearing grease tube (2)
5	56 013 DX	KEY w/PIN, 56 006 D steering clutch release collar (2)
6	56 006 D	PIN, steering clutch release collar key (2)
7	313 914 R91	OIL SEAL, steering clutch shaft coupling (will work for 310 513 R91 and 310 527 R91) (2)
8	272 322 R1	RETAINER, steering clutch release fork upper bearing felt (2)
9	56 010 D	SPACER, steering clutch release lever (2)
10	56 008 D	FELT, steering clutch release fork upper bearing (2)
11	8 680 DX	RETAINER w/PLUG, 103 883 steering clutch release fork upper bearing (2) 7/16 x 1-1/2" hex-hd. cap SCREW (4) 7/16" lock WASHER (4)
12	56 009 D	GASKET, steering clutch release fork upper bearing retainer (2)
12	56 009 D	GASKET, steering clutch release fork upper bearing cage (2)
13	ST 205 A	BEARING, steering clutch release fork upper (2)
14	264 694 R91	OIL SEAL, steering clutch release fork upper bearing (optional with 42 177 D) (2)
14	42 177 D	OIL SEAL, steering clutch release fork upper bearing (optional with 264 694 R91) (2)
15	8 682 D	CAGE, steering clutch release fork upper bearing (2)
16	56 020 D	FORK, steering clutch release (2)
17	57 103 DX	TUBE, steering clutch release bearing, lower grease w/COUPLING and BRACKET (2)
	13 239 R1	BOLT, 1/4 x 5/8" machine (4) 1/4" jam, NUT (4) 1/4" internal-tooth, lock WASHER (4)
18	251 388 R21	COUPLING, steering clutch shaft, (6 T) (2)
19	251 319 R1	RETAINER, steering clutch shaft coupling (4)
20	260 618 R1	BOLT, steering clutch shaft coupling retainer (12)
21	271 881 R1	GASKET, drive bevel gear bearing cage cap (2)
22	279 963 R21	CAP w/PIN, 273 562 R1, drive bevel gear bearing cage (2) 1/2 x 1-1/8" hex-hd. cap SCREW (16) 1/2" external-tooth, lock WASHER (16)
23	56 016 D	PIVOT, steering clutch release fork lower bearing (2)

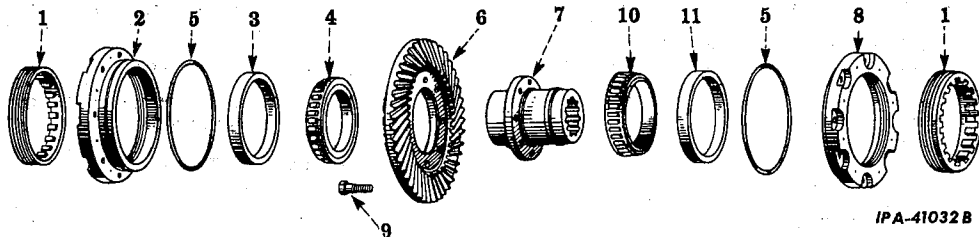

STEERING SYSTEM

REF. NO.	I.H. PART NUMBER	DESCRIPTION
STEERING CLUTCH RELEASE SHAFT AND MECHANISM - CONTINUED		
24	21 585 D	RETAINER, steering clutch release fork lower bearing pivot (2) 1/2NF x 1-1/4" hex-hd. cap SCREW (2) 1/2" lock WASHER (2)
25	ST 554	BEARING, steering clutch release lower fork (2)
26	56 005 D	LINK, steering clutch release collar shifter (4)
27	303 995 R1	PIN, steering clutch release collar lower shifter link (2)
	148 152	SPRING, retainer, 1/2" (16)
27A	279 139 R1	PIN, steering clutch release collar upper shifter link (2)
28	56 018 DA	COLLAR, LH and RH steering clutch release (2)
	105 404	NIPPLE, 1/8" close (2)
29	53 233 DA	BEARING, steering clutch thrust (2)
30	256 785 R3	SHAFT, steering clutch (2)
31	5 715 D	PLATE, steering clutch hub (2) 1/2 x 1-1/4" hex-hd. cap SCREW (12) 1/2" lock WASHER (12)
32	40 882 D	DISC, steering clutch steel (77 teeth) (TD-150 501 to 3500) (steering clutch field improvement PACKAGE, 318 823 R91, also available) (24)
32	318 820 R1	DISC, steering clutch steel (77 teeth) (TD-150 3501 up) (also part of steering clutch field improvement PACKAGE, 318 823 R91) (22)
33	40 883 DC	DISC, steering clutch friction (58 teeth) (Raybestos) (TD-150 501 to 3500) (steering clutch field improvement PACKAGE, 318 823 R91, also available) (26)
33	58 957 D	DISC, steering clutch friction (58 teeth) (bi-metallic) (TD-150 501 to 3500) (steering clutch field improvement PACKAGE, 318 823 R91 also available) (26)
33	318 821 R1	DISC, steering clutch friction (58 teeth) (sintered bronze) (TD-150 3501 up) (also part of steering clutch field improvement PACKAGE, 318 823 R91) (24)
34	6 973 DB	RETAINER, steering clutch pressure spring (2)
35	54 491 DC	SPRING, steering clutch pressure (2)
36	8 352 DC	HUB, steering clutch (2)
37	5 711 DC	PLATE, steering clutch pressure (2)
38	54 968 D	BOLT, steering clutch pressure plate dowel (6) 1/2" lock WASHER (6)
39	18 541 R91	FITTING, steering clutch pilot bearing lubrication (Alemite 1631 B) (2)
40	54 652 D	PIPE, steering clutch pilot bearing lubricator
41	8 519 DA	DRUM, steering clutch (2) 1/2NF x 1-1/8" hex-hd. cap SCREW (16) 1/2" external-tooth lock WASHER (16)
42	ST 333	BEARING, steering clutch pilot (2)
43	256 790 R1	NUT, steering clutch pilot bearing retainer (2)
44	50 096 DA	SPACER, steering clutch pilot bearing (2)

STEERING SYSTEM

REF. NO.	I. H. PART NUMBER	DESCRIPTION
STEERING CLUTCH RELEASE SHAFT AND MECHANISM - CONTINUED		
46	29 901 D	CONNECTION, steering clutch lubrication tube (in bearing retainer) (6)
47	29 898 D	NUT, coupling, steering clutch lubrication tube (in grease tube bracket) (12)
48	279 448 R2	TUBE, RH steering clutch release fork lower bearing upper grease
49	279 447 R2	TUBE, RH steering clutch release fork upper bearing grease
50	279 446 R2	TUBE, RH steering clutch release bearing upper grease
52	138 322 H	FITTING, steering clutch grease tube junction block lubrication (Alemite 1610 B) (optional with 109 461) (4)
52	109 461	FITTING, steering clutch grease tube junction block lubrication (Lincoln 5090) (optional with 138 322 H) (4)
53	275 138 R1	BLOCK, steering clutch grease tube junction 1/4 x 1-1/8" hex-hd. cap SCREW (2) 1/4" lock WASHER (2)
54	29 901 D	CONNECTION, steering clutch lubrication tube (in junction block) (6)
55	279 443 R2	TUBE, LH steering clutch release fork upper bearing grease
56	279 444 R2	TUBE, LH steering clutch release bearing upper grease
57	279 445 R2	TUBE, LH steering clutch release fork lower bearing upper grease

DRIVE BEVEL GEAR



REF. NO.	I. H. PART NUMBER	DESCRIPTION
1	271 812 R1	ADJUSTER, drive bevel gear bearing (2)
2	271 878 R1	CAGE, drive bevel gear bearing 9/16" NF NUT (4) 9/16 x 2 x 7/8" hex-hd. cap SCREW (4) 9/16" external-tooth, lock WASHER (8)
3	271 842 R1	CUP, drive bevel gear tapered bearing (2)
4	271 841 R91	CONE, drive bevel gear tapered bearing (2)
5	271 879 R1	RING, drive bevel gear bearing cage sealing (2)
6	320 548 R1	GEAR, drive bevel (40 T) (TD-151-4001 Up)
6	279 896 R1	GEAR, drive bevel (45 T) (TD-150-501 to 4000)
7	279 962 R1	HUB, drive bevel gear

STEERING SYSTEM

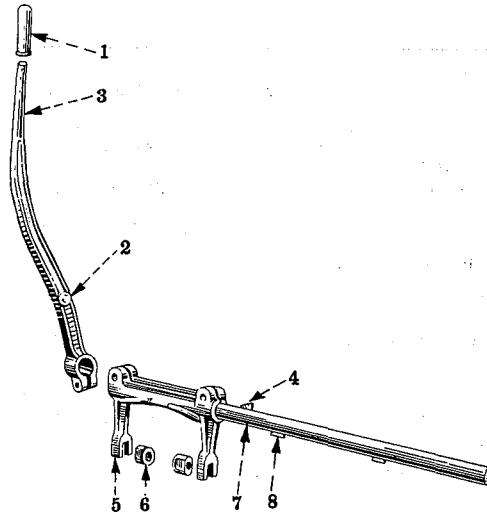
REF. NO.	I. H. PART NUMBER	DESCRIPTION
STEERING CLUTCH RELEASE SHAFT AND MECHANISM - CONTINUED		
58	279 449 R1	CLAMP, grease tube to vent tube (2) 1/4" NUT 1/4 x 3/4" rd-hd. slt. machine SCREW 1/4" lock WASHER
59	279 606 R1	BRACKET, upper grease tube
59	279 607 R1	BRACKET, lower grease tube 1/4 x 5/8" rd-hd. slt. machine SCREW (2) 1/4" lock WASHER (2)
126	121	FITTING, steering clutch release bearing lubrication (optional with 271 281) (2)
271	281	FITTING, steering clutch release bearing lubrication (optional with 126 121) (2)
318	823 R91	PACKAGE, steering clutch field service (consists of twenty-two DISC, 318 820 R1 and twenty-four DISC, 318 821 R1)
273	562 R1	PIN, bevel gear bearing adjuster lock (2)
103	883	PLUG, pipe (slt-hdls., 1/8")
172	802	PLUG, steering clutch shaft coupling (2-3/4") (2)
		WIRE, steering clutch shaft coupling retainer bolt locking, (16 ga. x 9" long) (order 278 027 R1) (6)
278	027 R1	WIRE, locking bulk (16 ga.) (customer must specify length required) (X)
X - As required		

DRIVE BEVEL GEAR - CONTINUED

REF. NO.	I. H. PART NUMBER	DESCRIPTION
8	271 878 R1	CAGE, drive bevel gear bearing 9/16" NF NUT (4) 9/16 x 2 x 7/8" hex-hd. cap SCREW (4) 9/16" external-tooth, lock WASHER (8)
9	279 964 R2	BOLT, drive bevel gear dowel (6)
10	271 841 R91	CONE, drive bevel gear tapered bearing
11	271 842 R1	CUP, drive bevel gear tapered bearing
	279 992 R1	BOLT, drive bevel gear bearing cage (16)
	32 454 D	NUT, drive bevel gear dowel bolt (6)
322	195 R91	PINION and SHAFT bevel, 320 549 R11 w/ GEAR, 320 548 R1 (match pair) (see transmission) (will work for 279 897 R1)

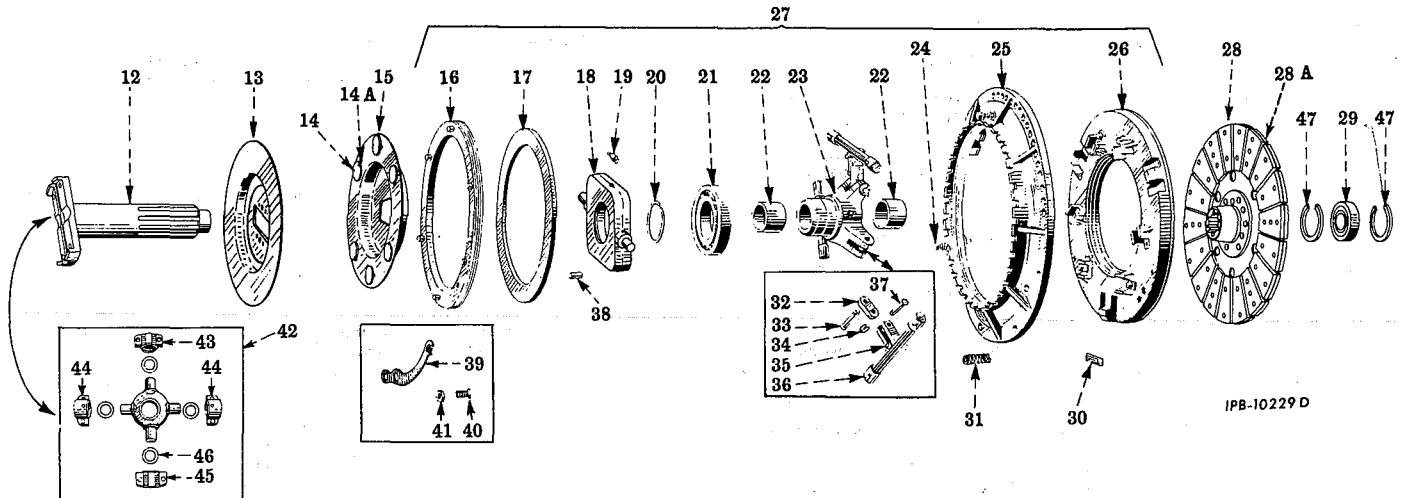
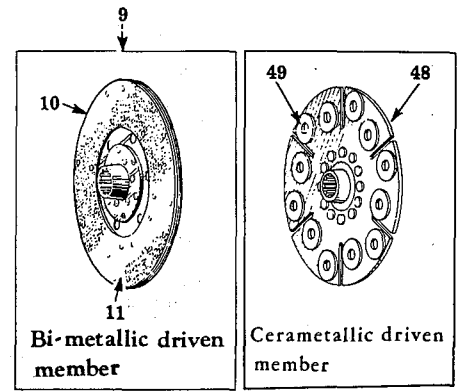
CLUTCH

OVER-CENTER ENGINE CLUTCH 15" , CLUTCH CONTROL AND CONNECTIONS (Rockford) (Hand Operated)



CLUTCH

OVER-CENTER ENGINE CLUTCH 15" , CLUTCH CONTROL AND CONNECTIONS - CONTINUED (Rockford) (Hand Operated)



IPB-10229 D

REF. NO.	I. H. PART NUMBER	DESCRIPTION
1	41 597 DA	HANDLE, engine clutch hand lever
2	272 124 R1	PIN, gear shifter lock shaft connecting rod 3/32 x 3/4" cotter PIN
3	272 123 R11	LEVER, engine clutch hand (together w/HANDLE, 41 597 DA and PIN, 272 124 R1, will work for 272 247 R91) 5/8"NF NUT 5/8NF x 2-1/2" hex-hd. cap SCREW
4	103 909	KEY, engine clutch hand lever Woodruff 18
5	279 558 R1	FORK, engine clutch release 5/8 x 2" hex-hd. cap SCREW (2)
6	42 298 DB	BUSHING, engine clutch release pin (2)
7	279 954 R1	SHAFT, engine clutch release
8	103 909	KEY, engine clutch release fork (Woodruff 18)
9	324 900 R91	ATTACHMENT, driven number (Bi-Metallic) (UCL-37-7902-1) (See NOTES 1 and 3)

REF. NO.	I. H. PART NUMBER	DESCRIPTION
10	266 396 R91	PACKAGE, bi-metallic driven member facing field service (Consists of two FACING and 42 RIVET, 67 116 D) (UCL-11369-81-CR 2)
11	67 116 D	RIVET, clutch fusing (csk-hd., tubular) (Bi-Metallic Facing) (CL-4049-1) (42)
12	279 950 R1 103 883	SHAFT, engine clutch PLUG, slt-hdls. 1/8" pipe
13	279 951 R11	DISC, engine clutch brake

NOTE 1 - Factory Application - Order on Machine Order Form.
NOTE 3 - Field Application - Order through Regular Service Parts Channels.

CLUTCH

REF. NO.	I.H. PART NUMBER	DESCRIPTION
OVER-CENTER ENGINE CLUTCH 15" , CLUTCH CONTROL AND CONNECTIONS - CONTINUED (Rockford) (Hand Operated)		
14	324 547 R91	PACKAGE, brake facing field service (consists of six FACING and fourteen RIVET, 279 488 R1)
14A	279 488 R1	RIVET, brake disc facing, 3/16 x 7/16" (12)
15	279 486 R91	DISC w/six FACING and twelve RIVET, 279 488 R1, brake (UCL-10832-1)
16	55 371 DA	RING, adjusting (CL-4815-1)
17	31 238 DA	PLATE, adjusting ring (CL-3461-5)
18	279 485 R1	CARRIER, bearing (CL-4256)
19	271 282	FITTING, 1/8" lubrication (Alemite 1611-B) (used with bearing carrier) (optional with 109 459)
19	109 459	FITTING, 1/8" lubrication (Lincoln 5100) (used with bearing carrier) (optional with 271 282)
20	43 195 D	RING, engine clutch release bearing snap (CL-3900)
21	ST 310 A	BEARING, release
22	43 194 D	BUSHING (CL-4154) (2)
23	279 981 R91	SLEEVE w/two BUSHING, 43 194 D and FITTING, 138 322 H, release (CL-4450)
24	324 546 R91	PACKAGE, return spring stud field service (consists of STUD and two WASHER) (UCL-9675) (6)
25	50 426 DC	PLATE, clutch back (CL-4305-5)
26	273 172 R91	PLATE, clutch pressure (order PLATE, 319 548 R2 and BLOCK SET, 267 665 R91)
26	319 548 R2	PLATE, clutch pressure (together with BLOCK SET, 267 665 R91 will work for 273 172 R91)
27	279 765 R94	COVER ASSEMBLY, clutch (UCLA-4-4305-5) (Composed of - 1 BEARING ST 310 A 1 BLOCK 267 665 R91 1 CARRIER 279 485 R1 1 DISC 279 486 R91 1 FITTING 271 282 3 FITTING 274 510 3 LINK 43 207 D 1 LOCK 264 679 R1 3 PACKAGE 267 679 R91 3 PACKAGE 267 680 R91 1 PACKAGE 324 742 R91 6 PACKAGE 324 546 R91 2 PIN 43 199 D 1 PLATE 31 238 DA 1 PLATE 50 426 DC 1 PLATE 319 548 R2 1 RING 43 195 D 1 RING 55 371 DA 2 SCREW 61 115 D 1 SLEEVE 279 981 R91 6 SPRING 324 458 R1 6 "X" WASHER 267 689 R91 1/2 x 1-1/4" hex-hd cap SCREW (9) 1/2" lock WASHER (9)
28	310 837 R91	MEMBER, w/two FACING and ninety two RIVET, 250 263 R1 driven (will work for 273 254 R91) (UCL-36-7902-1)
28A		FACING, feramic (order 310 838 R91)

CLUTCH

REF. NO.	I.H. PART NUMBER	DESCRIPTION
OVER-CENTER ENGINE CLUTCH 15" , CLUTCH CONTROL AND CONNECTIONS - CONTINUED (Rockford) (Hand Operated)		
29	279 324 R91	BEARING, engine clutch pilot
30	267 665 R91	BLOCK SET w/six SCREW, 261 106 R1 six cam (UCL-3478-2-S6)
31	324 458 R1	SPRING, return (CL-4300-2) (6)
32	43 207 D	LINK, connecting (CL-4339-1) (3)
33	267 679 R91	PACKAGE, connecting link pin field service (long) (consists of PIN (long) WASHER, 615 029 R1 and WASHER, 267 689 R1 for 3/8" dia Pin) (UCL-4314-1C) (3)
34	267 689 R91	"X" WASHER (used with 3/8" dia connecting link pin) (CL-9318) (6)
35	274 510	FITTING, camshaft lubrication (Alemite 1911BL) (optional with 16 964 R91) (3)
35	16 964 R91	FITTING, camshaft lubrication (Lincoln 5410) (optional with 274 510) (3)
36	324 742 R91	PACKAGE, camshaft field service (UCL-4337-36-S3)
37	267 680 R91	PACKAGE, connecting link pin field service (short) (consists of PIN (short), WASHER, 615 029 R1 and WASHER, 267 689 R1 for 3/8" dia PIN) (UCL-9315-C) (3)
38	43 199 D	PIN, dowel (CL-4052) (2)
39	264 679 R1	LOCK, adjusting (CL-9014)
40	61 115 D	SCREW, adjusting lock (CL-5215) (2)
41	103 026	NUT, adjusting lock SCREW (CL-5319) (2)
42	279 986 R91	JOINT, engine clutch universal (Mechanics No. 114-5125A) (Composed of - 1 BEARING 305 104 R91 2 BEARING 305 105 R91 1 BEARING 305 108 R91 4 RETAINER and SEAL 305 109 R91 1/4 x 5/16" hex-hd cap SCREW WASHER, 17/64 x 5/8 x .049" ga copper
	16 861 R1	
43	305 104 R91	BEARING, engine clutch universal joint (113-5153)
44	305 105 R91	BEARING, engine clutch universal joint (113-5121) (2)
45	305 108 R91	BEARING, engine clutch universal joint (113-5152)
46	305 109 R91	RETAINER and SEAL, engine clutch universal joint (12408 J) (4)
47	279 550 R1	RING, engine clutch pilot bearing snap (2)
48	338 314 R91	MEMBER w/twenty-four FACING and twelve RIVET, 338 359 R1, driven (UCL-38-7902-1)
49	338 315 R91	PACKAGE, cerametallic driven member facing field service (consists of two FACING and RIVET, 338 359 R1) (UCL-11415-134-CR2) (12)
	279 952 R1	BOLT, engine clutch universal (long) (4)
	279 953 R1	BOLT, engine clutch universal (short) (4) 3/8" external tooth lock WASHER (8)



CLUTCH



MEMORANDUM

REF. NO.	I. H. PART NUMBER	DESCRIPTION
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OVER-CENTER ENGINE CLUTCH 15' , CLUTCH CONTROL AND CONNECTIONS - CONTINUED
 (Rockford) (Hand Operated)

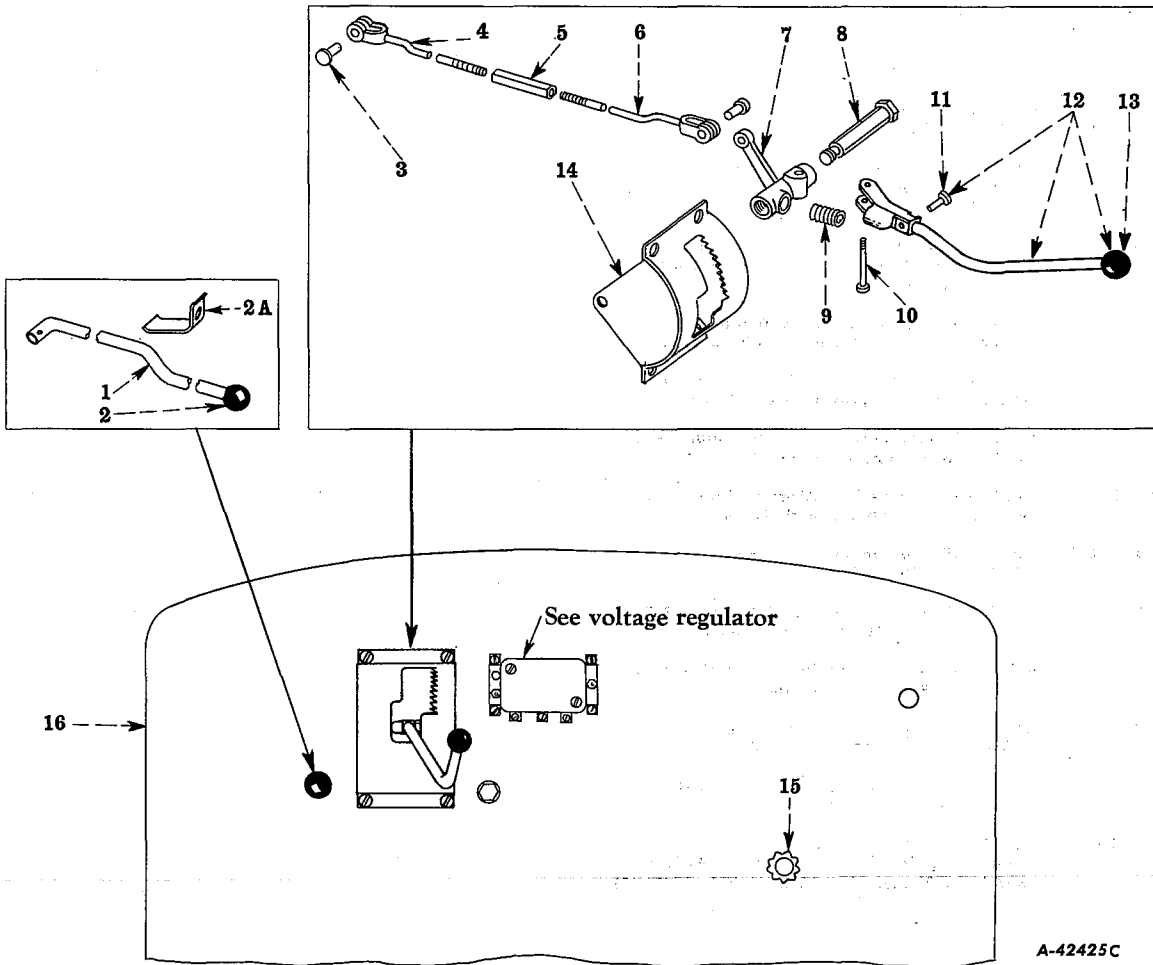
267 683 R1		CUP, return spring (CL-9255) (used only with COVER, 279 765 R92) (3)
110 146 R91		FITTING, engine clutch universal joint lubrication (Alemite 1792 B) (optional with 102 467 H)
102 467 H		FITTING, engine clutch universal joint lubrication (Lincoln 5042) (optional with 110 146 R91)
271 288		FITTING, engine clutch shaft lubrication (Alemite 1680B) (optional with 126 131)
126 131		FITTING, engine clutch shaft lubrication (Lincoln 5014) (optional with 271 288)
109 461		FITTING, lubrication (Lincoln 5000) (used with sleeve) (optional with 138 322 H)
138 322 H		FITTING, lubrication (Alemite 1610B) (used with sleeve) (optional with 109 461)
305 158 R91		PACKAGE, cerametallic facing (B-9965-1176-55-00) (12)
310 838 R91		PACKAGE w/forty-six RIVET, 250 263 R1 feramic facing (UCL-11369-63-CR2) (2)
250 263 R1		RIVET, tubular facing (for use with PACKAGE, 310 838 R91) (CL-4049-5) (92)
304 726 R1		RIVET, facing (CL-10019) (for use with PACKAGE, 305 158 R91) (12)
338 359 R1		RIVET, special (for use with PACKAGE, 338 315 R91) (CL-10858-2) (12)
615 029 R1		WASHER, 3/8" steel (used with 3/8" dia connecting link PIN) (Used with PACKAGES, 267 679 R91 and 267 680 R91) (CL-4347) (3)

DASH, ENGINE CONTROLS, INSTRUMENTS AND INSTRUMENT PANEL

DASH AND ENGINE CONTROLS

DASH, ENGINE CONTROLS, INSTRUMENTS AND INSTRUMENT PANEL

DASH AND ENGINE CONTROLS - CONTINUED



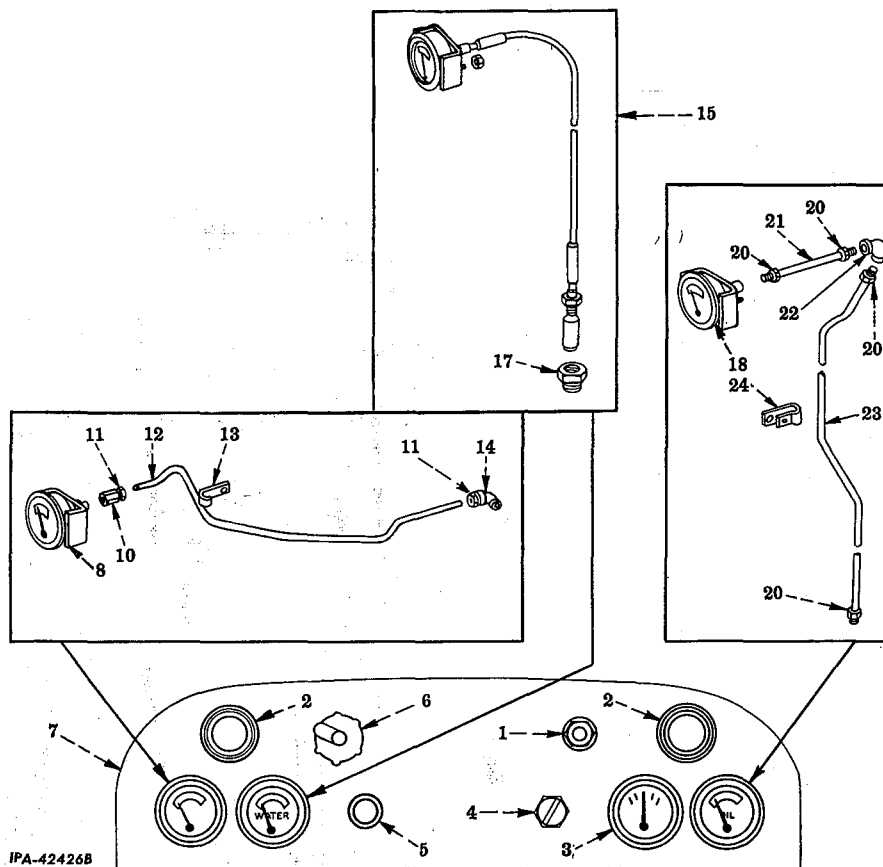
A-42425C

REF. NO.	I.H. PART NUMBER	DESCRIPTION
1	304 209 R1	ROD, compression release 1/8 x 7/8" cotter PIN
2	264 055 R2	BALL, compression release rod
2A	251 842 R1	SPRING, compression release rod 5/16" NUT 5/16 x 5/8" hex-hd. cap SCREW 5/16" lock WASHER
3		PIN, governor control rod yoke (3/8 x 1-3/32") (2) 3/32 x 5/8" hex-hd. cotter pin (2)
4	304 207 R11	ROD, front governor control 3/8NF jam NUT (RH thread)
5	274 233 R1	TURNBUCKLE, governor control rod
6	304 208 R91	ROD, rear governor control 3/8NF jam NUT (LH Thread)
7	274 228 R1	HUB, governor control hand lever 1/2NF jam NUT 1/2" lock WASHER
8	274 229 R1	SHAFT, governor control hand lever

REF. NO.	I.H. PART NUMBER	DESCRIPTION
9	261 650 R1	SPRING, governor control hand lever
10	262 704 R1	PIN, governor control hand lever 3/32 x 5/8" cotter PIN
11	251 846 R1	PAWL, governor control hand lever
12	274 230 R21	LEVER w/PAWL, 251 846 R1 and BALL, 264 097 R2, governor control hand
13	264 097 R2	BALL, governor control hand lever
14	274 225 R91	RATCHET, governor control 3/8" NUT (4) 3/8 x 11/16" slit-rd-hd. machine SCREW (4) 3/8" lock WASHER (4)
15	304 210 R11	ROD and BUTTON, choke control 1/16 x 5/8" cotter PIN
16	322 018 R11	DASH (TD-151-4001 Up)
16	274 324 R21	DASH (TD-150-501 to 4000) 1/2 x 1" hex-hd. cap SCREW (2) 5/8" x 2-1/2" hex-hd cap SCREW (not used on Pay Welder) (2) 5/8 x 4" hex-hd cap SCREW (used only on Pay Welder) (2) 1/2" lock WASHER (2)
	289 555 R1	SPACER, dash (2)

**DASH, ENGINE CONTROLS, INSTRUMENTS
AND INSTRUMENT PANEL**

INSTRUMENTS AND INSTRUMENT PANEL



**DASH, ENGINE CONTROLS, INSTRUMENTS
AND INSTRUMENT PANEL**

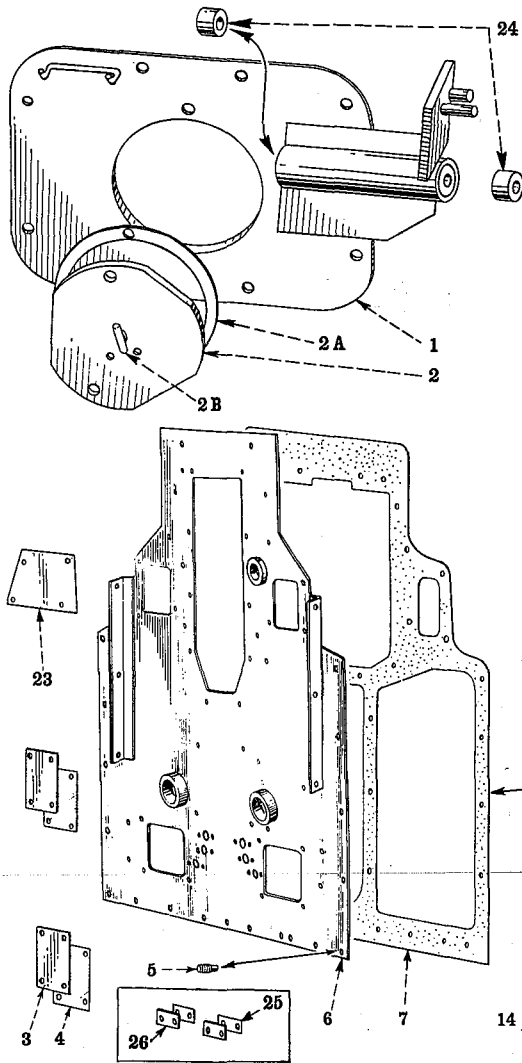
INSTRUMENTS AND INSTRUMENT PANEL - CONTINUED

REF. NO.	I. H. PART NUMBER	DESCRIPTION
1		SWITCH ASSEMBLY, starting (for components see list of parts under details of "Starting Switch")
2	271 077 R91	LIGHT ASSEMBLY, dash (for components see list of parts under details of "Dash Light") (2)
3	269 467 R92	AMMETER, charge (Rochester) (also listed in "Electrical System")
4	62 801 DC	SWITCH, ignition (for components see list of parts under details of "Ignition Switch")
5		LIGHTER, cigarette (for components see list of parts under details of "Cigarette Lighter")
6		SWITCH, lighting (Delco-Remy No. 1994050) (for components see list of parts under details of "Lighting Switch")
7	274 362 R1 178 020	PANEL, instrument PLUG, 29/32" dia. hole button (for cigarette lighter opening) 1/4 x 1/2" slt-rd-hd. mach. SCREW (4) 1/4" external-tooth lock WASHER (4)
8	269 976 R91	GAUGE, fuel oil pressure
10	257 523 R1	CONNECTOR, fuel oil pressure gauge tube
11	369 987 R1	NUT, fuel oil pressure gauge tube coupling (2)
12	322 054 R1	TUBE, fuel oil pressure gauge (also listed in "Fuel System") (TD-151-4001 Up)
12	314 460 R1	TUBE, fuel oil pressure gauge (will work for 305 263 R1) (also listed in "Fuel System") (TD-150 501 to 4000)

REF. NO.	I. H. PART NUMBER	DESCRIPTION
13	362 120 R91	CLIP, fuel oil pressure gauge tube (mounted under left lower ratchet housing nut)
14	252 374 R1	ELBOW, fuel oil pressure gauge tube (engine end)
15	362 428 R92	INDICATOR w/BUSHING, 51 510 D, heat (TD-151 - 4001 up)
15	67 136 D	INDICATOR w/BUSHING, 51 510 D heat (TD-150-501 to 4000)
17	51 510 D	BUSHING, reducing
18	258 634 R93	INDICATOR, oil pressure
20	369 987 R1	NUT, engine oil pressure gauge tube coupling (4)
21	274 359 R1	TUBE, upper engine oil pressure gauge
22	255 828 R1	ELBOW, engine oil pressure gauge tube
23	322 053 R1	TUBE, lower engine oil pressure gauge (TD-151-4001 Up)
23	305 262 R1	TUBE, lower engine oil pressure gauge (TD-150-501 to 4000)
24	362 120 R91	CLIP, lower engine oil pressure gauge tube (mounted in radiator shutter control bracket bolt hole) 1/4" NUT 1/4 x 1/2" slt-rd-hd. mach. SCREW 1/4" lock WASHER
24	16 445 D	FELT, engine oil pressure gauge lower tube clip
	362 120 R91	CLIP, engine heat indicator (mounted under governor control ratchet upper RH nut)
	120 408	GROMMET (on dash) (3)
	314 020 R1	SHIELD, dash heat

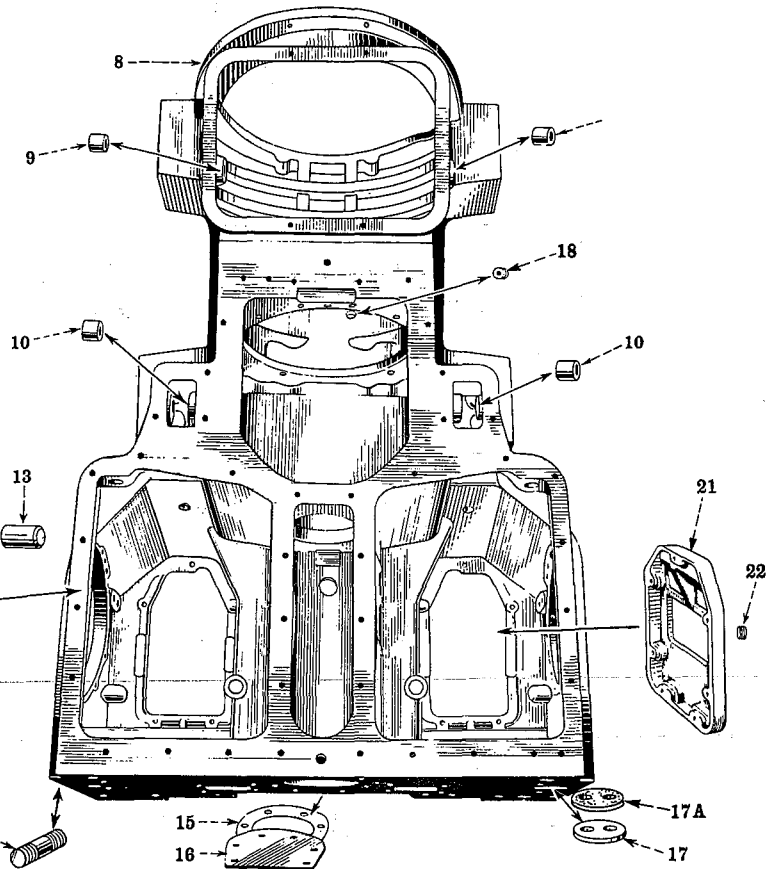
MAIN FRAME

MAIN FRAME AND COVER



MAIN FRAME

MAIN FRAME AND COVER - CONTINUED



IPA-42428C

REF. NO.	I. H. PART NUMBER	DESCRIPTION
1	279 959 R91	COVER, engine clutch and RH brake pedal support (order 307 355 R91 and 307 350 R91) (TD-150-501 to 1913) 3/8 x 1" hex-hd. cap SCREW (7) 3/8 x 1-1/4" hex-hd. cap SCREW 3/8" lock WASHER (8)
1	307 355 R91	COVER w/two BUSHING, 263 696 R1 and two PIN, 307 357 R1 engine clutch and RH brake pedal support (together with 307 350 R91 will work for 279 959 R91) (TD-150-1914 to 4000) (TD-151-4001 Up)
2	42 547 D	COVER, engine clutch inspection (TD-150-501 to 1913) 3/8 x 5/8" hex-hd. cap SCREW (3) 3/8" lock WASHER (3)

REF. NO.	I. H. PART NUMBER	DESCRIPTION
2	307 350 R91	COVER ASSEMBLY, engine clutch inspection (TD-150-1914 to 4000) (TD-151-4001 Up) (Composed of - 1 BAR 307 354 R1 1 COVER 1 HANDLE 307 353 R1 1 PIN 17 054 R1 1 PIN 307 352 R1)
2A	276 612 R1	GASKET, engine clutch inspection cover
2B	307 353 R1	HANDLE, engine clutch housing cover TD-150-1914 up
	17 054 R1	PIN, 3/16 x 7/8" roll 17/32 x 1-1/16 x No. 13 ga. flat copper WASHER
3	56 011 D	COVER, steering clutch inspection (2) 5/16NF x 1/2" hex-hd. cap SCREW (8) 5/16" lock WASHER (8)

MAIN FRAME

REF. NO.	I.H. PART NUMBER	DESCRIPTION
MAIN FRAME AND COVER - CONTINUED		
4	56 014 D	GASKET, steering clutch inspection cover (2)
5	18 585 DA	PIN, main frame cover dowel (4)
5	21 990 D	PIN, main frame cover dowel (used only on units equipped with PACKAGE, 320 520 R91) (4)
6	279 956 R21	COVER, main frame (used only on units equipped with PACKAGE, 320 520 R91)
	318 947 R1	BOLT, hex-hd. tapered (23) 1/2 x 1-1/4" hex-hd. cap SCREW (8) 1/2" lock WASHER (8)
6		COVER (order 320 520 R91)
7	279 958 R2	GASKET, main frame cover
8	279 955 R31	FRAME ASSEMBLY, main (TD-150-3501 to 4000) (TD-151-4001 Up) (Composed of - 2 BUSHING 41 598 D 4 BUSHING 41 599 D 16 CARRIER 64 815 D 2 DOWEL 314 864 R1 4 DOWEL 269 206 R1 §1 FRAME 1 PLUG 4 926 DBX 1 PLUG 271 647 R1 1 PLUG 279 559 R1 4 STUD 41 957 D 6 STUD 57 385 D)
8	279 955 R21	FRAME ASSEMBLY, main (TD-150 501 to 3500) (Order the following parts - 1 BEARING 319 973 R91 1 FRAME 279 955 R31 1 SHAFT 320 386 R11)
	104 938	CORK, 1/2" dia. x 11/16" long (2)
	106 622	CORK, 13/16" dia. x 1" long (2)
	106 624	CORK, 1 x 1-1/4" dia. x 1-1/4" long (6)
	112 427	CORK, 5/16" dia. x 1/2" long (2)
	117 926	CORK, 1-1/8" dia. x 1-1/4" long (2)
	117 927	CORK, 1-3/16" dia. x 1-1/4" long
	117 928	CORK, 1-1/4" dia. x 1-1/4" long (4)
9	41 598 D	BUSHING, engine clutch release shaft (2)
10	41 599 D	BUSHING, outer steering brake lever (4)
13	269 206 R1	DOWEL, steering brake anchor bracket (4)
14	57 385 D	STUD, drawbar guide bracket (6) 7/8"NF NUT (2) 7/8" lock WASHER (2)
15	42 289 D	GASKET, cover power take-off
16	42 288 D	COVER, power take-off 3/4 x 1" hex-hd. cap SCREW (6)
17	275 066 R1	COVER, steering clutch lubricating port (2) 1/2 x 1" hex-hd. cap SCREW (4) 1/2" lock WASHER (4)
17A	282 818 R1	GASKET, steering clutch lubricating port (2)
18	4 926 DBX	PLUG, engine clutch compartment drain
21	269 235 R1	COVER, LH steering brake inspection 1/2 x 1-1/2" hex-hd. cap SCREW (7) 1/2" lock WASHER (7)
21	269 236 R1	COVER, RH steering brake inspection 1/2 x 1-1/2" hex-hd. cap SCREW (7) 1/2" lock WASHER (7)
22	4 926 DBX	PLUG, steering brake inspection cover drain
23	272 352 R1	COVER, steering brake lever inner inspection

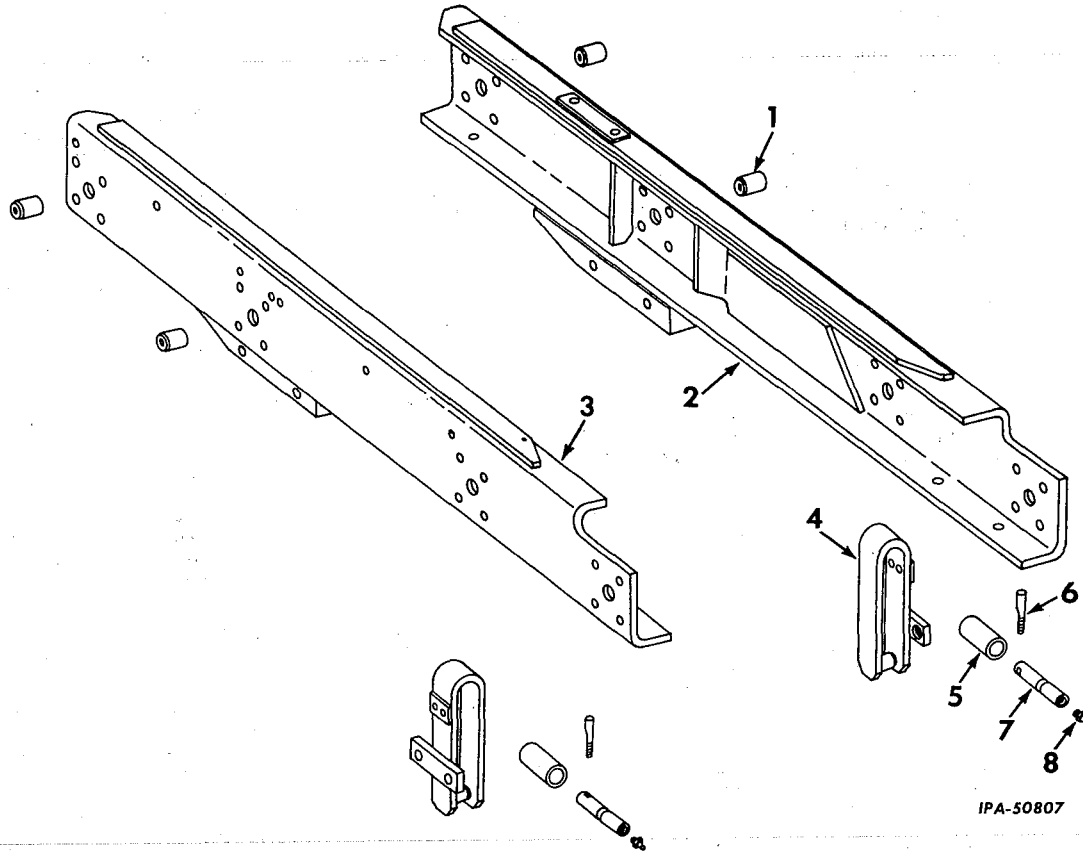
MAIN FRAME

REF. NO.	I.H. PART NUMBER	DESCRIPTION
MAIN FRAME AND COVER - CONTINUED		
24	263 696 R1	BUSHING, RH brake pedal support (2)
25	277 995 R1	GASKET, vent hole closure plate (2)
26	277 994 R1	PLATE, vent hole closure (2) 1/4" NUT (4) 1/4 x 3/4" hex-hd. cap SCREW (4) 1/4" lock WASHER (4)
	307 354 R1	BAR, engine clutch inspection cover stop (TD-150-1914 to 4000) (TD-151-4001 Up)
	64 815 D	CARRIER and COVER STUD, sprocket drive (16) 1/8" x 5/8" cotter PIN (drain plug) (2)
	318 806 R1	GASKET, suction and return pipe (used only on units equipped with PACKAGE, 320 520 R91) (2)
	320 520 R91	PACKAGE, main frame cover (will work for 279 957 R91) (TD-150-3500 to 4000) (TD-151-4001 Up) (Consists of - 1 ANCHOR 318 948 R1 23 BOLT 318 947 R1 1 COVER 279 956 R21 2 GASKET 318 806 R1 4 PIN 21 990 D 2 PIPE 318 949 R1 1 PLATE 318 946 R1)
	18 585 DA	PIN, engine clutch cover dowel (2) 7/16" NUT (used as plugs for decelerator mounting support)(2) 7/16 x 1" hex-hd. cap SCREW (used as plugs for decelerator mounting support) (2) 7/16" lock WASHER (used as plugs for decelerator mounting support)(2)
	64 803 D	PIN, sprocket drive carrier dowel (74" and 62" gauge) (TD-150 501 to 3500) (4)
	314 864 R1	PIN, sprocket drive carrier dowel (74" and 62" gauge) (TD-150 3501 to 4000) (TD-151 4001 up) (2)
	307 352 R1	PIN, engine clutch inspection cover lock (TD-150-1914 to 4000) (TD-151-4001 Up)
	307 357 R1	PIN, engine clutch inspection cover location (TD-150-1914 to 4000) (TD-151-4001 Up)
	318 946 R1	PLATE, header block (used only on units equipped with PACKAGE, 320 520 R91) 3/8NF x 1" hex-hd. cap SCREW (2) 3/8" lock WASHER (2)
	103 884	PLUG, steel slit-hd. 1/4" pipe (for closing transmission vent tube union tee connector hole)
	103 884	PLUG, steel slit-hd. 1/4" pipe (for closing transmission vent tube union tee connector hole) SCREW, 1/2 x 1/2" hex-hd. cap (plug for return line clamp) (used only on units equipped with PACKAGE, 320 520 R91) SCREW, 1/4 x 3/4" hex-hd., cap (for plugging junction block holes when cover is shipped for service) SCREW, hex-hd. 5/16NF x 3/4" cap, (for plugging junction block holes) (2)
	41 957 D	STUD, transmission end corner (4)
§ - Not Furnished Separately		



MAIN FRAME

MAIN FRAME CHANNELS, TRACK FRAME
GUIDE AND ROLLERS



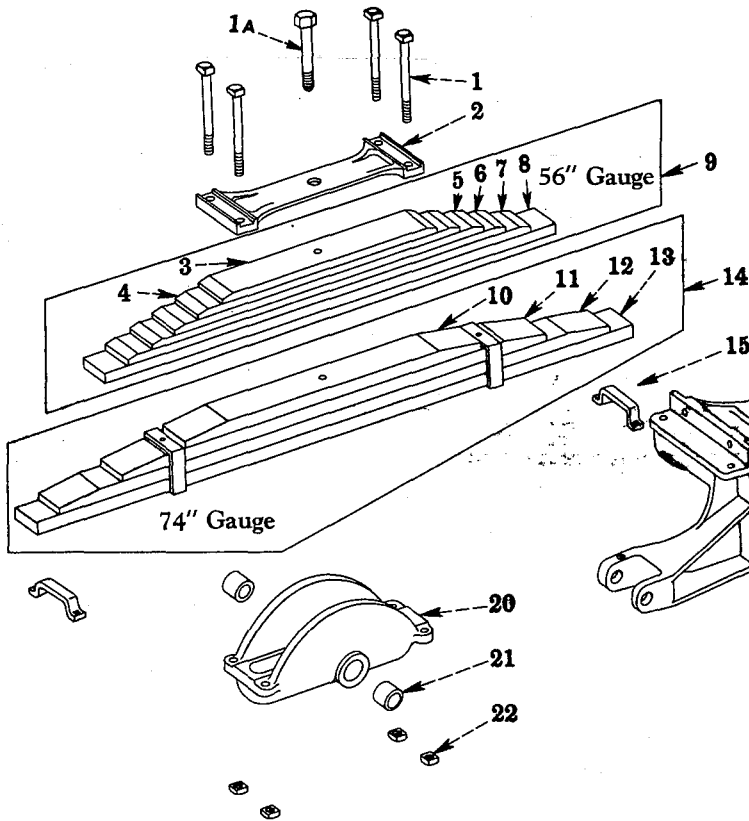
IPA-50807

REF. NO.	I.H. PART NUMBER	DESCRIPTION
1	274 282 R1	DOWEL, main frame side channel (4) 1/2 x 2-1/2" hex-hd. cap SCREW (4) 1/2" lock WASHER (4)
2	304 233 R11	CHANNEL, LH main frame side 7/8 x 2-1/4" hex-hd. cap SCREW (8)
3	304 234 R11	CHANNEL, RH main frame side 7/8 x 2-1/4" hex-hd. cap SCREW (8)
4	274 385 R91	GUIDE, track frame (2) 7/8 x 1-1/2" hex-hd. cap SCREW (4) 7/8NF x 1-1/2" hex-hd. cap SCREW (4)

REF. NO.	I.H. PART NUMBER	DESCRIPTION
5	274 384 R1	ROLLER, track frame guide (2)
6	274 256 R2	PIN, track frame guide roller shaft lock (2) 3/4NF NUT (2)
7	274 383 R2	SHAFT, track frame guide roller (2)
8	109 461	FITTING, track frame guide roller lubrication (Lincoln 5000) (optional with 138 322 H) (2)
8	138 322 H	FITTING, track frame guide roller lubrication (Alemite 1610 BL) (optional with 109 461) (2)

MAIN FRAME

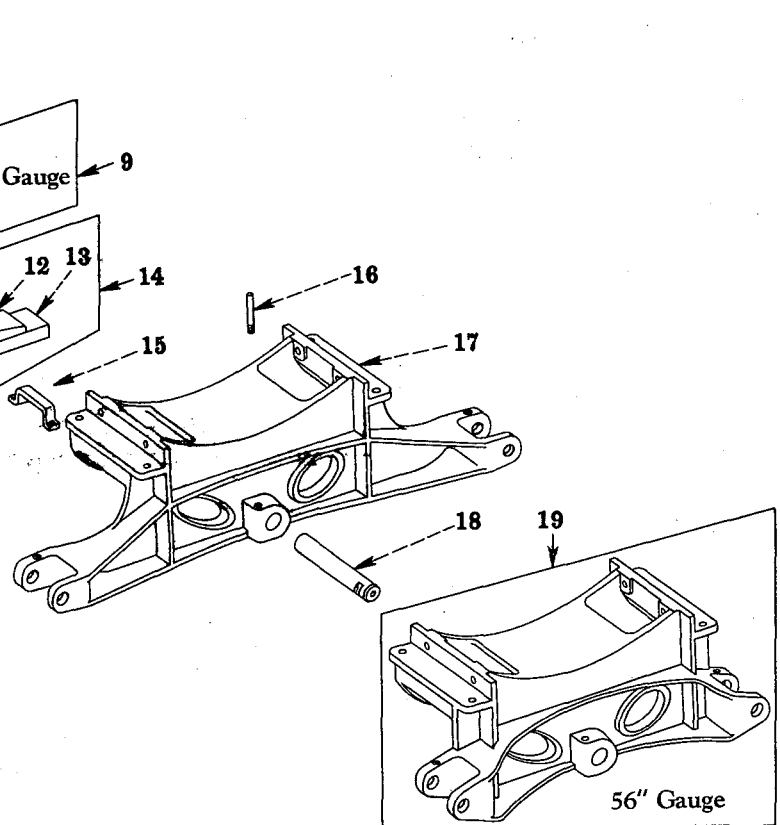
EQUALIZER SPRING
(56" and 74" gauge tractors only)



IPB-10306 A

MAIN FRAME

EQUALIZER SPRING - CONTINUED
(56" and 74" gauge tractors only)



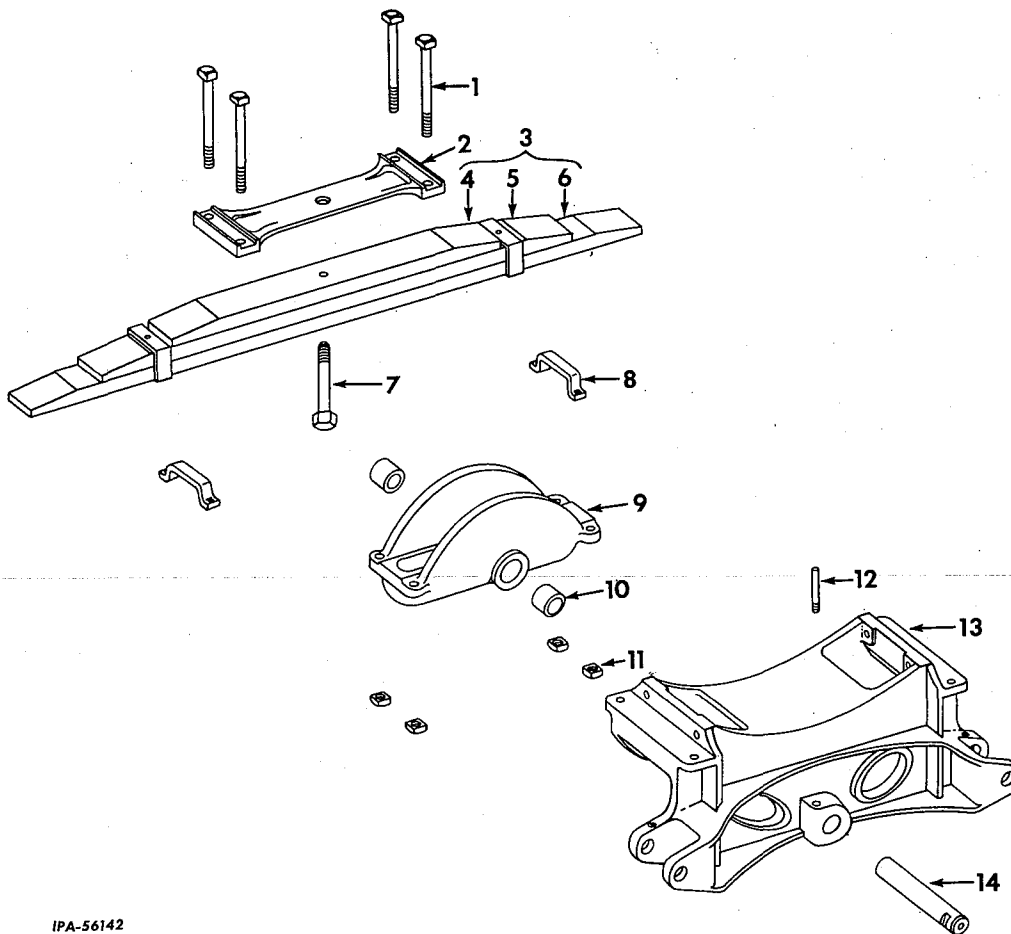
REF. NO.	I. H. PART NUMBER	DESCRIPTION
1	253 848 R1	BOLT, equalizer spring saddle (4)
1A	277 747 R1	BOLT, equalizer spring center 5/8" NUT
2	274 333 R4	BAR, clamp, equalizer spring saddle
3	274 805 R1	LEAF, equalizer spring (No. 6) (56" gauge)
4	274 804 R1	LEAF, equalizer spring (No. 5) (56" gauge)
5	274 803 R1	LEAF, equalizer spring (No. 4) (56" gauge)
6	274 802 R1	LEAF, equalizer spring (No. 3) (56" gauge)
7	274 801 R1	LEAF, equalizer spring (No. 2) (56" gauge)
8	274 800 R1	LEAF, equalizer spring (No. 1) (56" gauge)
9	274 328 R91	SPRING ASSEMBLY, equalizer (56" gauge) (Composed of -
	1	BOLT 277 747 R1
	1	LEAF 274 800 R1
	1	LEAF 274 801 R1
	1	LEAF 274 802 R1
	1	LEAF 274 803 R1
	1	LEAF 274 804 R1
	1	LEAF 274 805 R1)

REF. NO.	I. H. PART NUMBER	DESCRIPTION
10	274 809 R2	LEAF, equalizer spring (No. 4) (74" gauge)
11	274 808 R2	LEAF, equalizer spring (No. 3) (74" gauge)
12	274 807 R1	LEAF, equalizer spring (No. 2) (74" gauge)
13	274 806 R1	LEAF, equalizer spring (No. 1) (74" gauge)
14	274 329 R92	SPRING ASSEMBLY, equalizer (74" gauge) (Composed of -
	1	BOLT 277 747 R1
	1	LEAF 274 806 R1
	1	LEAF 274 807 R1
	1	LEAF 274 808 R2
	1	LEAF 274 809 R2)
15	304 292 R1	BRACKET, equalizer spring rebound (2) 1 x 1-3/4" hex-hd. cap SCREW (4)
16	274 256 R2	PIN, lock equalizer spring pivot shaft 3/8" NUT
17	274 332 R3	SUPPORT, equalizer spring (74" gauge) 3/8" NUT (4) 3/4 x 4-1/2" hex-hd. cap SCREW (4) 3/4NF x 5" hex-hd. cap SCREW (4)

MAIN FRAME

REF. NO.	I.H. PART NUMBER	DESCRIPTION
EQUALIZER SPRING - CONTINUED (56" and 74" gauge tractors only)		
18	274 255 R1	SHAFT, equalizer spring pivot
19	274 331 R2	SUPPORT, equalizer spring (56" gauge) 3/8" NUT (4) 3/4 x 4-1/2" hex-hd. cap SCREW (4) 3/4NF x 5" hex-hd. cap SCREW (4)

EQUALIZER SPRING
(62" gauge tractors only)



IPA-56142

REF. NO.	I.H. PART NUMBER	DESCRIPTION
1	307 494 R1	BOLT, equalizer spring saddle (4)
2	274 333 R4	BAR, clamp, equalizer spring saddle
3	309 122 R91	SPRING w/LEAF, 274 808 R2, LEAF, 274 809 R2 and LEAF, 309 149 R1, equalizer
4	274 809 R2	LEAF, equalizer spring (No. 3)
5	274 808 R2	LEAF, equalizer spring (No. 2)
6	309 149 R1	LEAF, equalizer spring (No. 1)
7		SCREW, 5/8NF x 5" hex-hd. cap 5/8" NUT
8	304 292 R1	BRACKET, equalizer spring rebound (2) 1 x 1-3/4" hex-hd. cap SCREW (4)

MAIN FRAME

REF. NO.	I.H. PART NUMBER	DESCRIPTION
EQUALIZER SPRING - CONTINUED (56" and 74" gauge tractors only)		
20	274 330 R31	SADDLE w/two BUSHING, 274 252 R1 equalizer spring
21	274 252 R1	BUSHING, equalizer spring pivot shaft (2)
22	253 849 R1	NUT, equalizer spring saddle (4)

EQUALIZER SPRING - CONTINUED
(62" gauge tractors only)

REF. NO.	I.H. PART NUMBER	DESCRIPTION
9	274 330 R31	SADDLE w/two BUSHING, 274 252 R1, equalizer spring
10	274 252 R1	BUSHING, equalizer spring pivot shaft (2)
11	253 849 R1	NUT, equalizer spring saddle (4)
12	274 256 R2	PIN, equalizer spring pivot shaft lock 3/4NF NUT
13	307 495 R1	SUPPORT, equalizer spring 3/4 x 4" hex-hd. cap SCREW (4) 3/4 x 4-1/2" hex-hd. cap SCREW (4)
14	274 255 R1	SHAFT, equalizer spring pivot

DRAW BAR AND FRONT PULL HOOKS

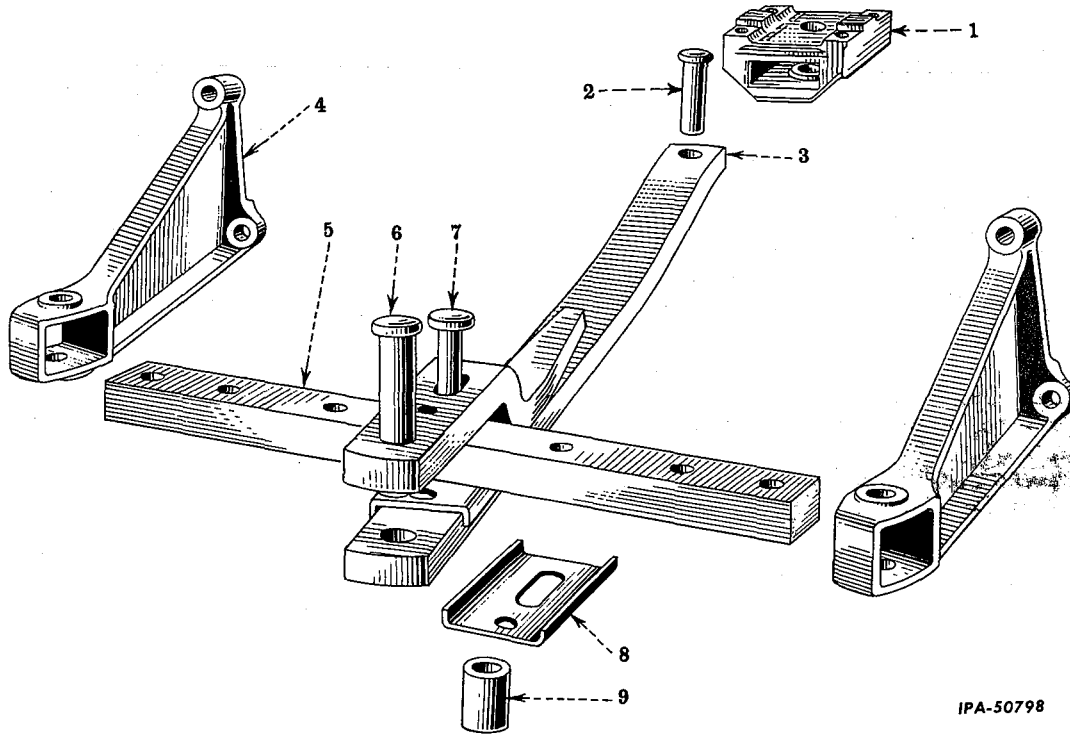


SWINGING DRAWBAR

DRAW BAR AND FRONT PULL HOOKS



SWINGING DRAWBAR - CONTINUED



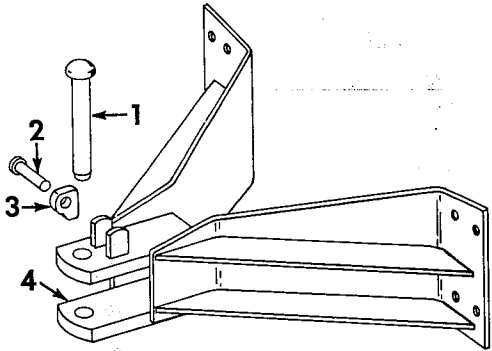
IPA-50798

REF. NO.	I. H. PART NUMBER	DESCRIPTION
1	274 326 R1	BRACKET, drawbar pivot 1 x 3" hex-hd. cap SCREW (4)
2	274 325 R1	PIN, drawbar pivot
3	53 973 DA	DRAWBAR w/upper JAW (order 304 756 R91) (TD-150-501 to 631)
3	304 750 R91	DRAWBAR w/upper JAW (TD-150-632 to 4000) (TD-151-4001 Up)
4	272 553 R1	BRACKET, drawbar guide (2) 7/8NF NUT (6)
5	49 984 D 18 571 R1	GUIDE, drawbar SCREW, hex-hd., 1-1/8NF x 5" cap (2)
6	49 986 D	PIN, drawbar clevis (TD-150-501 to 631) 3/8 x 2-3/4" cotter PIN
6	279 070 R1 12 465 R1	PIN, drawbar clevis (TD-150-632 to 4000) (TD-151-4001 Up) PIN, 1/2 x 3" cotter

REF. NO.	I. H. PART NUMBER	DESCRIPTION
7	49 987 D	PIN, drawbar stop (TD-150-501 to 631)
7	304 755 R1	PIN, drawbar stop (TD-150-632 to 4000) (TD-151-4001 Up) 1/4 x 2-1/4" cotter PIN
8	53 977 D 18 274 R1	PLATE, drawbar clevis wear (2) SCREW, hex-hd., 1NF x 7-1/2" cap 1NF NUT
9	53 976 D	SPACER, drawbar jaw (TD-150-501 to 631)
9	304 754 R1	SPACER, drawbar jaw (TD-150-632 to 4000) (TD-151-4001 Up)
	304 756 R91	PACKAGE, drawbar field service (will work for 53 973 DA) (TD-150 501 to 631) (Composed of -
	1	DRAWBAR 304 750 R91
	1	NUT 216 353
	1	PIN 304 755 R1
	1	PIN 103 423
	1	SPACER 304 754 R1
	1	SCREW 18 274 R1

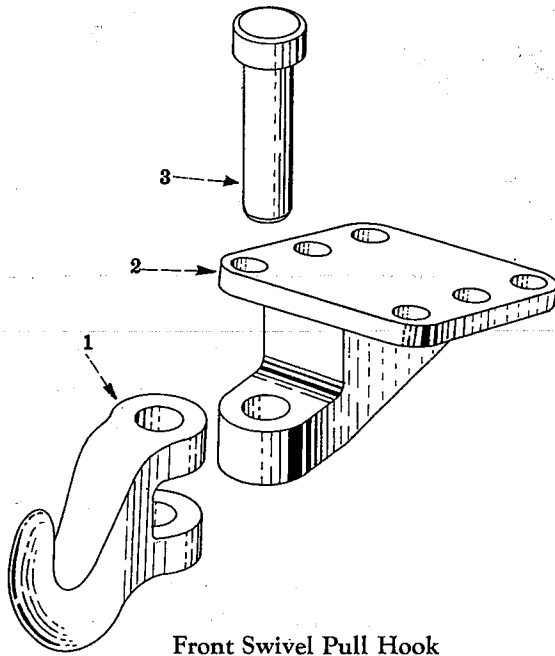
DRAW BAR AND FRONT PULL HOOKS

RIGID DRAWBAR



IPA-52530

FRONT PULL HOOK



Front Swivel Pull Hook

REF. NO.	I. H. PART NUMBER	DESCRIPTION
⊗ KEY TO UNITS -		
A-	42 902 D	ATTACHMENT, front pull hook (See NOTE) ⊗
B-	276 481 R91	ATTACHMENT, swivel front pull hook (See NOTE) ⊗
⊗ - Letters of these units correspond with those shown following the description of the parts in the list below and identifies the unit for which the part is used. Items without letters after the description indicates the part is used for all units.		
1	8 107 D	HOOK, front pull (Unit B)

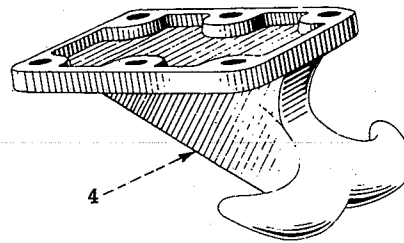
DRAW BAR AND FRONT PULL HOOKS

REF. NO.	I. H. PART NUMBER	DESCRIPTION
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RIGID DRAWBAR - CONTINUED

1	283 036 R1	PIN, drawbar clevis
2	33 558 V	PIN, clevis cam lock 1/8 x 3/4" cotter PIN
3	278 112 R1	CAM, clevis pin lock
4	320 662 R91	DRAWBAR, rigid
	277 605 R1	NUT, drawbar bracket stud (4)
	41 442 DA	NUT, drawbar bracket stud (2)
	320 671 R1	WASHER, drawbar small stud (4)
	318 969 R1	WASHER, drawbar large stud (2)

FRONT PULL HOOK - CONTINUED



IPA-42435A

Front Pull Hook

REF. NO.	I. H. PART NUMBER	DESCRIPTION
2	276 482 R1	BRACKET, front pull hook (Unit B) 7/8" NUT (6) 7/8 x 2-3/4" hex-hd. cap SCREW (6)
3	51 184 D	PIN, front pull hook (Unit B)
4	5 980 D	HOOK, front pull (Unit A) 7/8" NUT (6) 7/8 x 2-1/2" hex-hd. cap SCREW (6)
		NOTE - Factory Application - Order on machine Order Form Field Application - Order through Regular Service Parts Channels
		⊗ - For use on machines equipped with crank-case guard ATTACHMENT, 304 293 R91

**SHEET METAL, FENDERS,
PLATFORMS AND SEATS**

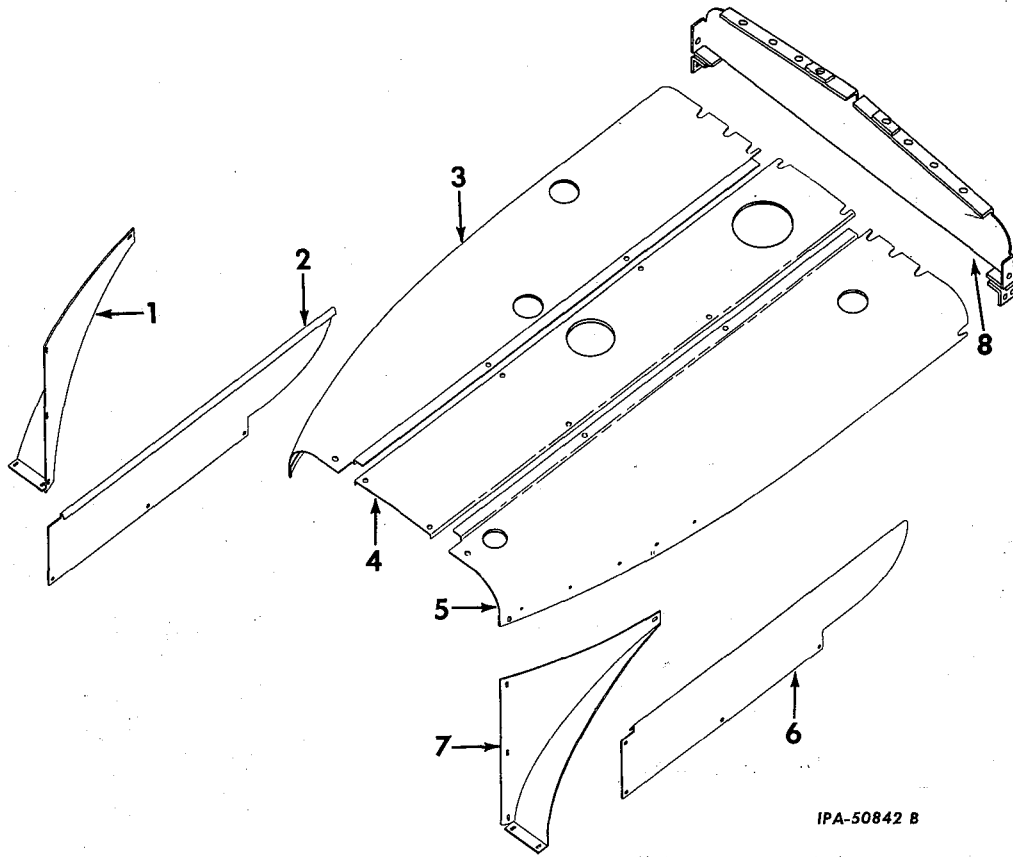


HOOD AND ENGINE SIDE SHEETS

**SHEET METAL, FENDERS,
PLATFORMS AND SEATS**



HOOD AND ENGINE SIDE SHEETS — CONTINUED

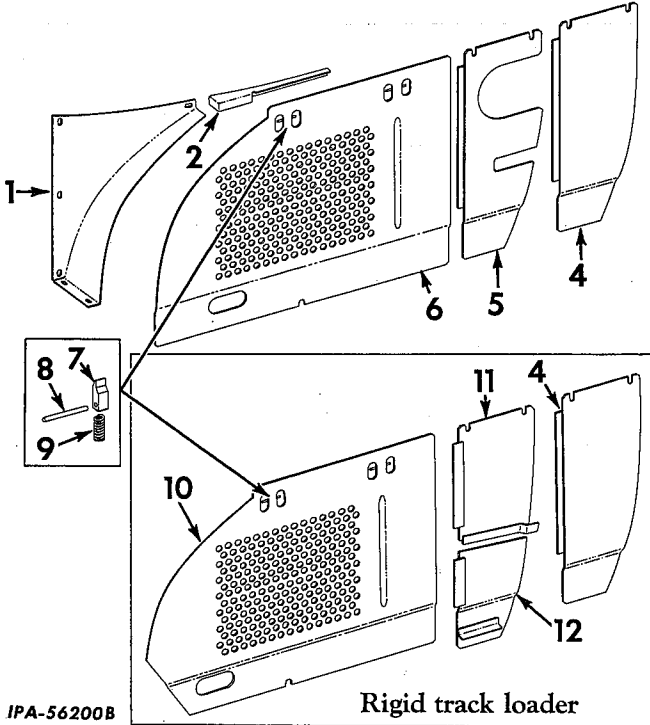


REF. NO.	I. H. PART NUMBER	DESCRIPTION
1	322 012 R91	SHIELD, LH heat (TD-151-4001 Up) 3/8" NUT 3/8 x 3/4" hex-hd cap SCREW (6) 3/8" lock WASHER (6) 13/32 x 13/16 x 1/16" ga. WASHER (6)
1	274 317 R11	SHIELD, LH heat (TD-150-501 to 4000) 3/8" NUT 3/8 x 7/8" hex-hd. cap SCREW (5) 3/8" lock WASHER (5) 13/32 x 13/16 x 1/16" ga. WASHER (5)
2	304 220 R11	SHEET, LH engine side 3/8" NUT 3/8 x 5/8" hex-hd. cap SCREW (4) 3/8 x 1" hex-hd. cap SCREW 3/8" lock WASHER (5)
3	322 211 R91	SHEET, LH hood (TD-151-4001 Up)
3	307 289 R11	SHEET, LH hood (will work for 304 217 R11) (TD-150-501 to 4000)
4	322 020 R11	SHEET, center hood (TD-151-4001 Up)
4	304 216 R12	SHEET, center hood (TD-150-501 to 4000)
5	322 212 R91	SHEET, RH hood (TD-151-4001 Up)
5	307 290 R11	SHEET, RH hood (will work for 304 218 R11) (TD-150-501 to 4000)
6	304 221 R11	SHEET, RH engine side 3/8" NUT 3/8 x 5/8" hex-hd. cap SCREW (4) 3/8 x 1" hex-hd. cap SCREW 3/8" lock WASHER (5)

REF. NO.	I. H. PART NUMBER	DESCRIPTION
7	322 013 R91	SHIELD, RH heat (TD-151-4001 Up) 3/8" NUT 3/8 x 3/4" hex-hd cap SCREW (6) 3/8" lock WASHER (6) 13/32 x 13/16 x 1/16" ga. WASHER (6)
7	274 318 R11	SHIELD, RH heat (TD-150-501 to 4000) 3/8" NUT 3/8 x 7/8" hex-hd. cap SCREW (5) 3/8" lock WASHER (5) 13/32 x 13/16 x 1/16" ga. WASHER (5)
8	307 618 R11	SUPPORT, front hood (TD-150-2607 to 4000) (TD-151 4001 Up) 1/2NF x 1" hex-hd. cap SCREW (4)
	276 223 R91	CLAMP, exhaust extension pipe (2) (*)
	276 226 R1	EXTENSION, exhaust pipe (*)
	350 513 R1	RIVET, 7/64 x 3/8" flat-hd. (4) SCREW, hex-hd 3/8 x 7/8" cap (for hood sheet) (16)
		WASHER, lock, 3/8" (for hood sheet) (16) WASHER, 13/32 x 13/16 x 1/16" ga. (for hood sheet) (10)
	274 918 R1	WASHER, hood plate (TD-150-2607 to 4000) (TD-151 4001 Up) (8) 3/8 x 3/4" hex-hd. cap SCREW (8) 3/8" lock WASHER (8)
		* - Part of Altitude Compensation ATTACHMENTS, 320 593 R91 and 322 117 R91

**SHEET METAL, FENDERS,
PLATFORMS AND SEATS**

HOOD SIDE DOORS



REF. NO.	I. H. PART NUMBER	DESCRIPTION
(X) KEY TO UNITS -		
A	307 250 R91	ATTACHMENT, hood side door (for crawler tractors with standard radiator guard and also for crawler tractors equipped with cable operated blade equipment) (TD-15-150) (See NOTE 3)
B	307 251 R91	ATTACHMENT, hood side door (for crawler tractors equipped with hydraulically operated blade equipment) (TD-15-150) (See NOTE 3)
C	307 252 R91	ATTACHMENT, hood side door (for crawler tractors with rigid track loader equipment combination) (TD-15-150) (See NOTE 3)
D	322 203 R91	ATTACHMENT, hood side door (for crawler tractors equipped with standard radiator guard and cable operated equipment) (TD-15-151) (See NOTE 3)
E	322 213 R91	ATTACHMENT, hood side door (for crawler tractors equipped with hydraulically operated blade equipment) (TD-15-151) (See NOTE 3)
F	322 216 R91	ATTACHMENT, hood side door (for crawler tractors equipped with rigid track loader equipment combinations) (TD-15-151) (See NOTES 1 and 3)

(X) - Letters of these units correspond with those shown following the description of the parts in the list below and identifies the unit for which the part is used. Items without letters after the description indicates the part is used for all units.

**SHEET METAL, FENDERS,
PLATFORMS AND SEATS**

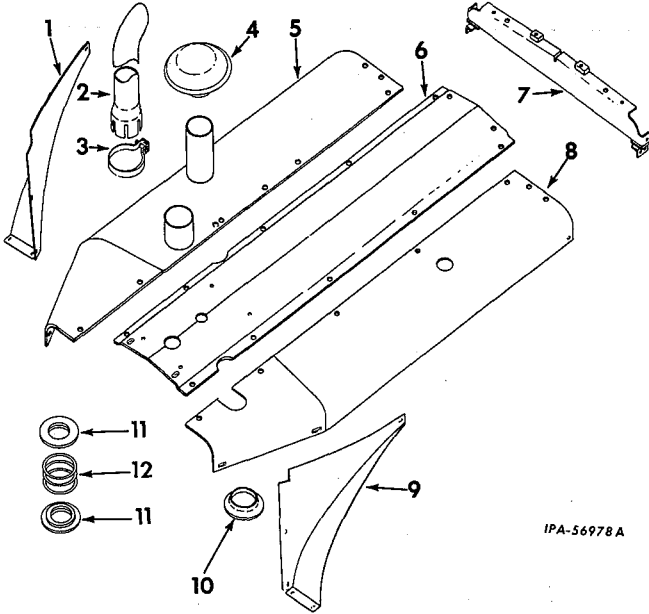
HOOD SIDE DOORS - CONTINUED

REF. NO.	I. H. PART NUMBER	DESCRIPTION
1	307 285 R91	SHIELD, LH heat (Unit A and B)
1	307 286 R91	SHIELD, RH heat (Unit A and B)
2	307 265 R91	STOP, LH hood side door (Unit A, B, D and E)
2	307 266 R91	STOP, RH hood side door (Unit A, B, D and E)
		3/8" NUT (4)
		3/8" hex-hd. cap SCREW (4)
		3/8" lock WASHER (4)
4	307 271 R11	PLATE, LH front hood side door (Unit A)
4	307 272 R11	PLATE, RH front hood side door (Unit A and C)
4	322 208 R11	PLATE, LH hood side door front (Units D and F)
4	322 209 R11	PLATE, RH hood side door front (Units D and F)
		7/16" NUT (2)
		7/16 x 5/8" hex-hd. cap SCREW (2)
		7/16" lock WASHER (2)
5	307 274 R11	PLATE, LH front hood side door (Unit B)
5	307 275 R11	PLATE, RH front hood side door (Unit B)
5	322 214 R11	PLATE, LH hood side door front (Unit E)
5	322 215 R11	PLATE, RH hood side door front (Unit E)
		7/16" NUT (2)
		7/16 x 5/8" hex-hd. cap SCREW (2)
		7/16" lock WASHER (2)
6	307 256 R11	DOOR w/two SPRING, 307 258 R1 two PLUNGER, 307 260 R1 and two PIN, 278 508 R1, LH hood side (Unit A and B)
6	307 257 R11	DOOR w/two SPRING, 307 258 R1, two PLUNGER, 307 260 R1 and two PIN, 278 508 R1, RH hood side (Unit A and B)
6	322 204 R11	DOOR w/two SPRING, 307 258 R1, two PLUNGER, 307 260 R1 and two PIN, 278 508 R1, LH hood side (Unit D and E)
6	322 205 R11	DOOR w/two SPRING, 307 258 R1, two PLUNGER, 307 260 R1 and two PIN, 278 508 R1, RH hood side (Unit D and E)
7	307 260 R1	PLUNGER, latch (4)
8	278 508 R1	PIN, platform latch (4)
9	307 258 R1	SPRING, hood side door latch (4)
10	307 263 R11	DOOR w/two SPRING, 307 258 R1, two PLUNGER, 307 260 R1 and two PIN, 278 508 R1, LH hood side (Unit C)
10	307 264 R11	DOOR w/two SPRING, 307 258 R1, two PLUNGER, 307 260 R1 and two PIN, 278 508 R1, RH hood side (Unit C)
10	322 217 R11	DOOR w/two SPRING, 307 258 R1, two PLUNGER, 307 260 R1 and two PIN, 278 508 R1, LH hood side (Unit F)
10	322 218 R11	DOOR w/two SPRING, 307 258 R1, two PLUNGER, 307 260 R1 and two PIN, 278 508 R1, RH hood side (Unit F)
11	307 276 R11	PLATE, LH upper front hood side door (Unit C)
		7/16" NUT (2)
		7/16 x 5/8" hex-hd. cap SCREW (2)
		7/16" lock WASHER (2)
12	307 279 R11	PLATE, LH bottom front hood side door (Unit C)
		NUT, 3/8" (2) (†)
		SCREW, 3/8 x 5/8" hex-hd. cap (2) (†)
		SCREW, 3/8 x 7/8" hex-hd cap (2) (†)
		WASHER, 3/8" lock (2) (†)
		WASHER, 13/32 x 7/8" x .06 (2) (†)

NOTE 1 - Factory Application - Order on Machine Order Form.
NOTE 3 - Field Application - Order through Regular Service Parts Channels.
(†) - For engine sheet slotted holes.

**SHEET METAL, FENDERS,
PLATFORMS AND SEATS**

HEAVY HOOD
(TD-15-150 Series)



REF. NO.	I. H. PART NUMBER	DESCRIPTION
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(X) - KEY TO UNITS -

- A - 322 472 R91 - ATTACHMENT, heavy hood (See NOTE 3) (TD-150 501 to 1572)
- B - 311 450 R91 - ATTACHMENT, heavy hood (See NOTE 3) (TD-150 1573 up)

(X) - Letters of these units correspond with those shown following the description of the parts in the list below and identifies the unit for which the part is used. Items without letters after the description indicates the part is used for all units.

- 1 311 461 R11 SHIELD, LH heat
3/8 x 3/4" hex-hd cap SCREW (4)
3/8" lock WASHER (4)
13/32 x 13/16 x 16 ga WASHER (4)
- 2 318 988 R91 TUBE, exhaust extension (*) (not \$)
- 2 320 569 R1 PIPE, exhaust extension (\$)
- 3 311 468 R11 CLAMP w/BOLT, 15 022 R1, exhaust extension tube (*) (not \$) (2)
- 3 318 766 R91 CLAMP, exhaust extension pipe (\$) (2)
- 15 022 R1 BOLT, 5/16 x 1-1/4" carriage (2)
5/16" NUT (2)
- 4 272 152 R91 CAP, air stack (not \$)
- 4 321 272 R1 CAP, air cleaner (\$)
- 5 311 452 R92 SHEET, LH hood side (not \$)
- 5 322 219 R91 SHEET, LH hood side (\$)
1/2 x 1-1/8" hex-hd cap SCREW (2)
3/8 x 1" hex-hd cap SCREW (2)
1/2" lock WASHER (2)
3/8" lock WASHER (2)
- 311 460 R1 WASHER, hood sheet pilot (2)

**SHEET METAL, FENDERS,
PLATFORMS AND SEATS**

HEAVY HOOD - CONTINUED
(TD-15-150 Series)

REF. NO.	I. H. PART NUMBER	DESCRIPTION
6	311 451 R11	SHEET, center hood 1/2 x 1-1/8" hex-hd cap SCREW (12) 3/8 x 1" hex-hd cap SCREW (2) 1/2" lock WASHER (12) 3/8" lock WASHER (2)
	311 460 R1	WASHER, hood sheet pilot (2)
7	314 322 R91	SUPPORT, front hood 1/2ZNF x 1" hex-hd cap SCREW (4)
8	311 453 R91	SHEET, RH hood side 1/2 x 1-1/8" hex-hd cap SCREW (2) 3/8 x 1" hex-hd cap SCREW (2) 1/2" lock WASHER (2) 3/8" lock WASHER (2)
	311 460 R1	WASHER, hood sheet pilot (2)
9	311 462 R11	SHIELD, RH heat 3/8" lock WASHER (6) 13/32 x 13/16 x 16 ga WASHER (6) 3/8 x 3/4" hex-hd cap SCREW (6)
10	321 274 R1	SEAL, air cleaner (\$)
11	320 565 R91	RETAINER, spring (\$) (2)
11	320 539 R11	RETAINER, spring (not \$) (2)
12	318 991 R1	SPRING, baffle (not \$)
12	320 568 R1	SPRING, exhaust baffle (\$)
		CLIP, overflow pipe (not furnished separately) (Unit A)
	300 916 R1	CLIP (part of PACKAGE, 307 374 R91) (Unit A)
	307 345 R1	HOSE, radiator to auxiliary tank (part of PACKAGE, 307 374 R91) (Unit A)
		HOUSING, upper tank (not furnished separately) (Unit A)
	318 989 R91	MUFFLER ASSEMBLY, exhaust (†)
	307 374 R91	PACKAGE, auxiliary tank to radiator tube (consists of CLIP, 300 916 R1, HOSE, 307 345 R1 and TUBE, 307 373 R1) (Unit A)
	307 373 R1	TUBE, auxiliary tank to radiator (part of PACKAGE, 307 374 R91) (Unit A)
		TUBE, overflow (not furnished separately) (Unit A)
	320 625 R1	TUBE, offset (for pre-cleaner) (\$)
	318 765 R1	TUBE, exhaust (\$)

(*) - Not used with Exhaust Rain Cap Attachment, 314 409 R91.

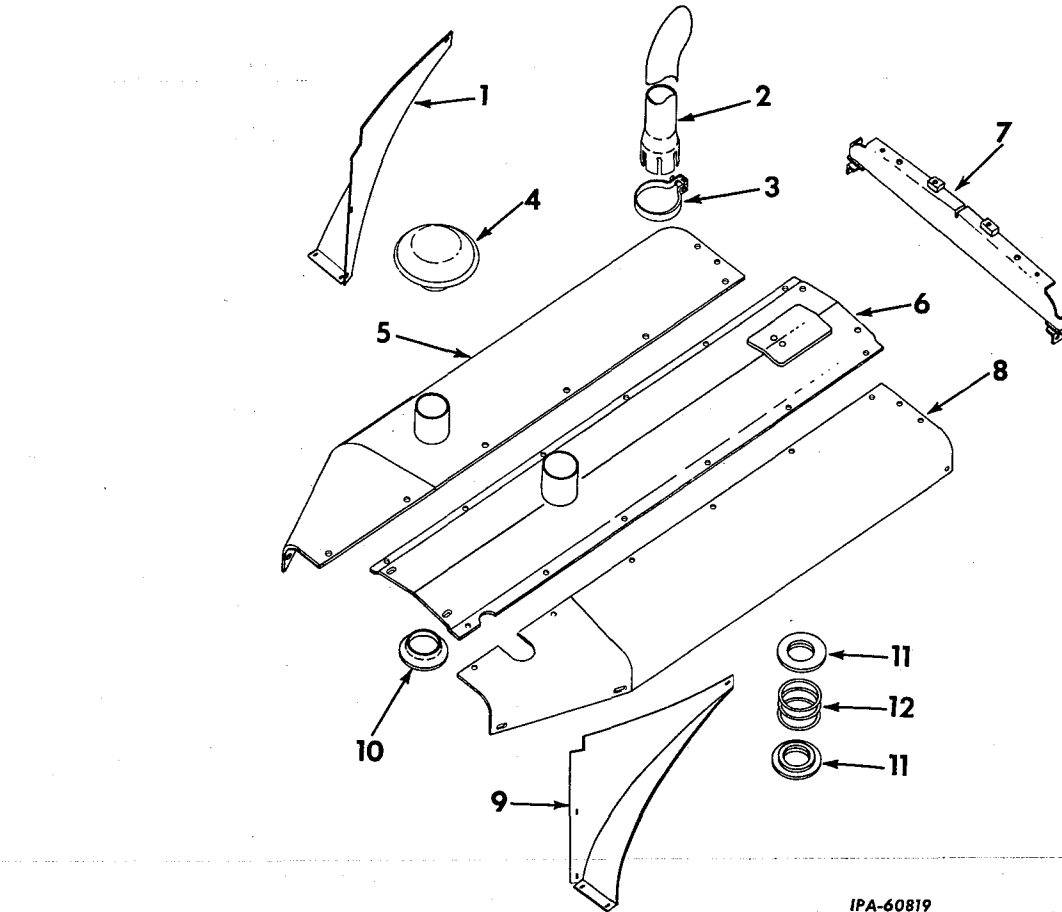
NOTE 3 - Field Application - Order through Regular Service Parts Channels.

(†) - Also listed and illustrated with "Exhaust Muffler and Air Cleaner Bracket" in Engine Section of this catalog.

\$ - Part of Altitude Compensation Attachment, 320 594 R91.

**SHEET METAL, FENDERS,
PLATFORMS AND SEATS**

HEAVY HOOD (TD-15-15I SERIES)



IPA-60819

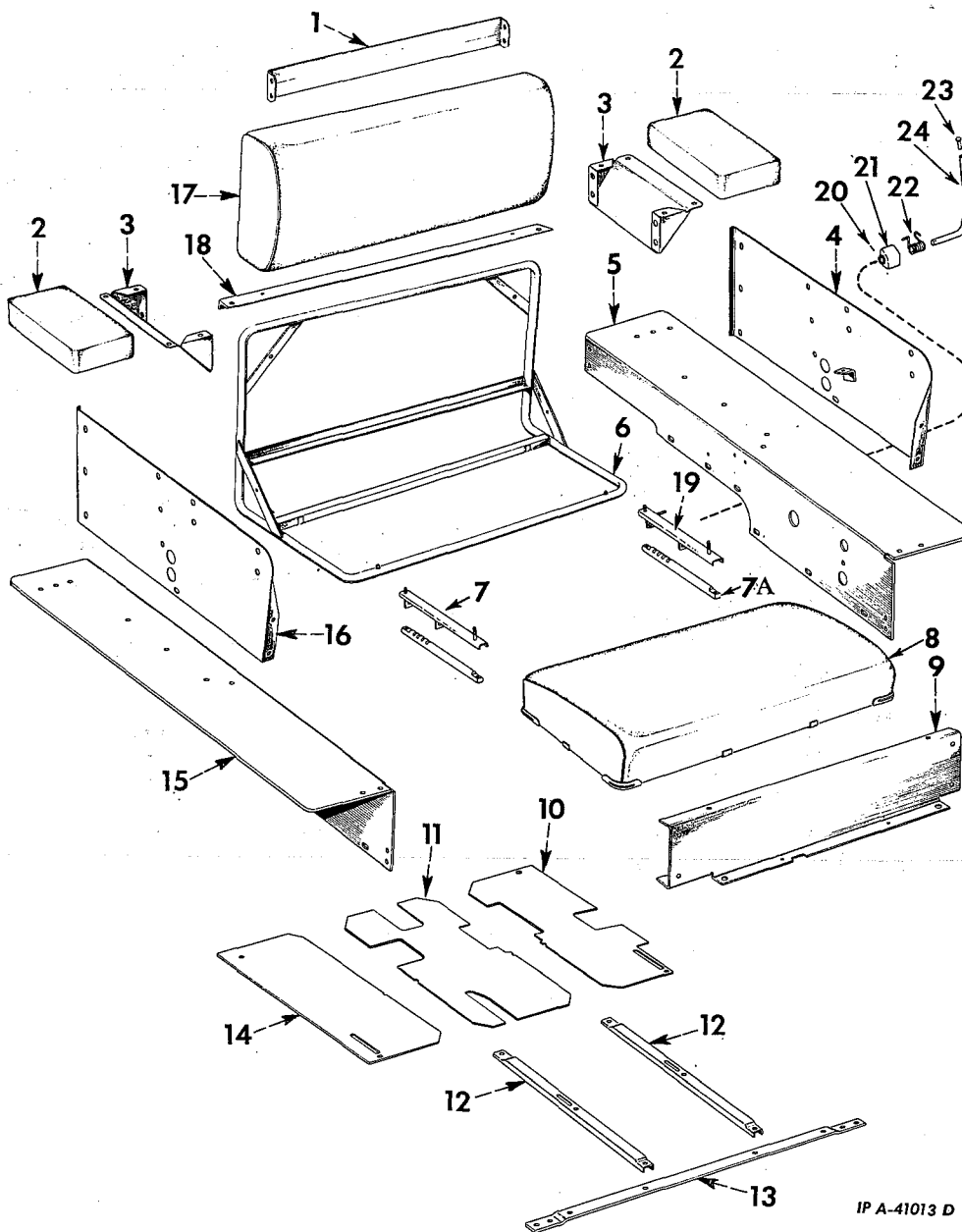
REF. NO.	I.H. PART NUMBER	DESCRIPTION
	322 180 R91	ATTACHMENT, heavy hood (See NOTES 1 and 3)
1	322 176 R11	SHEILD, LH heat 3/8 x 3/4" hex-hd. cap SCREW (5) 3/8 x 1" hex-hd cap SCREW 3/8" lock WASHER (6) 13/32 x 13/16 x 1/16" WASHER (5)
2	320 569 R1	TUBE, exhaust extension
3	318 766 R91	CLAMP, exhaust extension tube (2)
	15 022 R1	BOLT, 5/16 x 1-1/4" carriage
	5/16" NUT	
4	321 272 R1	CAP, air stack
5	322 219 R91	SHEET, LH hood 3/8 x 1" hex-hd cap SCREW (2) 1/2 x 1-1/8" hex-hd cap SCREW (2) 3/8" lock WASHER (2) 1/2" lock WASHER (2)
	311 460 R1	WASHER, hood sheet pilot (2)
6	322 175 R11	SHEET, hood center 3/8 x 1" hex-hd cap SCREW (2) 1/2 x 1-1/8" hex-hd cap SCREW (12) 3/8" lock WASHER (2) 1/2" lock WASHER (12)
	311 460 R1	WASHER, hood sheet pilot (2)

REF. NO.	I.H. PART NUMBER	DESCRIPTION
7	314 322 R91	SUPPORT, front hood 1/2NF x 1" hex-hd cap SCREW (4)
8	322 220 R91	SHEET, RH hood 3/8 x 1" hex-hd cap SCREW (2) 1/2 x 1-1/8" hex-hd cap SCREW (2) 3/8" lock WASHER (2) 1/2" lock WASHER (2)
	311 460 R1	WASHER, hood sheet pilot (2)
9	322 177 R11	SHEILD, RH heat 3/8 x 3/4" hex-hd cap SCREW (5) 3/8 x 1" hex-hd cap SCREW 3/8" lock WASHER (6) 13/32 x 13/16 x 1/16" WASHER (5)
10	321 274 R1	SEAL, air cleaner
11	320 539 R11	RETAINER, spring (not %) (2)
11	320 565 R91	RETAINER, spring (%) (2)
12	318 991 R1	SPRING, baffle (not %)
12	320 568 R1	SPRING, baffle (%)
		NOTE 1 - Factory Application - Order on Machine Order Form.
		NOTE 3 - Field Application - Order through Regular Service Parts Channels.
		% - Part of Altitude Compensation ATTACHMENTS, 322 123 R91 and 331 788 R91

SHEET METAL, FENDERS,
PLATFORMS AND SEATS



SEAT, FENDERS AND PLATFORMS



IP A-41013 D

REF. NO.	I.H. PART NUMBER	DESCRIPTION
1	272 390 R1	BRACE, fender cross (rear) 1/2" NUT (4) 1/2 x 1-1/2" hex-hd. cap SCREW (4) 1/2" lock WASHER (4)
2	272 239 R92	CUSHION, seat side (2) 3/8 x 3/4" hex-hd. cap SCREW (8) 3/8" lock WASHER (8)
3	252 172 R11	SUPPORT, seat cushion side (2) 3/8 x 5/8" hex-hd. cap SCREW (8) 3/8" lock WASHER (8)

SHEET METAL, FENDERS,
PLATFORMS AND SEATS



SEAT, FENDERS AND PLATFORMS - CONTINUED

REF. NO.	I.H. PART NUMBER	DESCRIPTION
4	272 325 R11	SHEET w/BRACKET, LH seat side 3/8" NUT (6) 3/8 x 7/8" hex-hd. cap SCREW (6) 3/8 x 1-1/8" hex-hd. cap SCREW (3) 3/8" lock WASHER (9)
5	272 387 R11	FENDER, LH 1/2" NUT (3) 1/2 x 1-1/4" hex-hd. cap SCREW (4) 1/2 x 1-1/2" hex-hd. cap SCREW (3) 1/2" lock WASHER (7) 17/32 x 1-1/16 x 3/32" ga. WASHER (6)


**SHEET METAL, FENDERS,
PLATFORMS AND SEATS**

REF. NO.	I.H. PART NUMBER	DESCRIPTION
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SEAT, FENDERS AND PLATFORMS - CONTINUED

6		FRAME, seat w/slide RAIL (TD-150-501 to 2972) (order two CHANNEL, 307 317 R12, one FRAME, 307 313 R91, two NUT, 307 315 R1 and two RAIL, 307 316 R1)
6	307 313 R91 307 315 R1	FRAME, seat (TD-150-2973 to 4000) (TD-151-4001 up) NUT, seat cushion bottom (2) 5/16NF hex NUT (2) 5/16" internal tooth lock WASHER (4)
7	307 317 R12	CHANNEL, R.H. seat frame slide rail (TD-150-2973 to 4000) (TD-151-4001 up)
7A		RAIL, seat frame (TD-150-501 to 2972) (order two CHANNEL, 307 317 R12 and two RAIL, 307 316 R1)
7A	307 316 R1	RAIL, seat frame (TD-150-2973 to 4000) (TD-151-4001 up) (2) 5/16NF NUT (4) 5/16NF x 1-1/4" hex-hd. cap SCREW (4) 5/16" medium lock WASHER (4)
8	272 398 R91	CUSHION, seat bottom
9	272 236 R21	SUPPORT, front seat 3/8" NUT (4) 1/2" NUT (2) 3/8 x 3/4" hex-hd. cap SCREW (4) 1/2 x 1-3/8" hex-hd. cap SCREW (2) 3/8" lock WASHER (4) 1/2" lock WASHER (2)
10	272 328 R2	PLATFORM, LH 3/8 x 7/8" hex-hd. cap SCREW (2) 3/8" lock WASHER (2) 13/32 x 13/16 x No. 16 ga. WASHER (2)
11	279 961 R1	PLATFORM, center 3/8 x 7/8" hex-hd. cap SCREW (2) 3/8" lock WASHER (2) 13/32 x 13/16 x No. 16 ga. WASHER (2)
12	272 327 R11	SUPPORT, platform (2) 3/8" NUT (4) 3/8 x 1" hex-hd. cap SCREW (2) 3/8 x 1-1/8" hex-hd. cap SCREW (2) 3/8" lock WASHER (4) 13/32 x 13/16 x No. 16 ga. WASHER (2)
13	272 389 R1	BRACE, fender cross, (front) 1/2" NUT (4) 1/2 x 1-5/8" hex-hd. cap SCREW (4) 1/2" lock WASHER (4)
14	272 329 R1	PLATFORM, RH 3/8 x 7/8" hex-hd. cap SCREW (2) 3/8" lock WASHER (2) 13/32 x 13/16 x No. 16 ga. WASHER (2)
15	272 388 R11	FENDER, RH 1/2" NUT (3) 1/2 x 1-1/4" hex-hd. cap SCREW (4) 1/2 x 1-1/2" hex-hd. cap SCREW (3) 1/2" lock WASHER (7) 17/32 x 1-1/16 x 3/32" ga. WASHER (6)
16	272 326 R11	SHEET w/BRACKET, RH seat side 3/8" NUT (6) 3/8 x 7/8" hex-hd. cap SCREW (6) 3/8 x 1-1/8" hex-hd. cap SCREW (3) 3/8" lock WASHER (9)
17	272 397 R91	CUSHION, seat back 5/16 x 3/4" hex-hd. cap SCREW (2) 5/16" lock WASHER (2) 11/32 x 11/16 x 1/16" ga. WASHER (2)


**SHEET METAL, FENDERS,
PLATFORMS AND SEATS**

REF. NO.	I.H. PART NUMBER	DESCRIPTION
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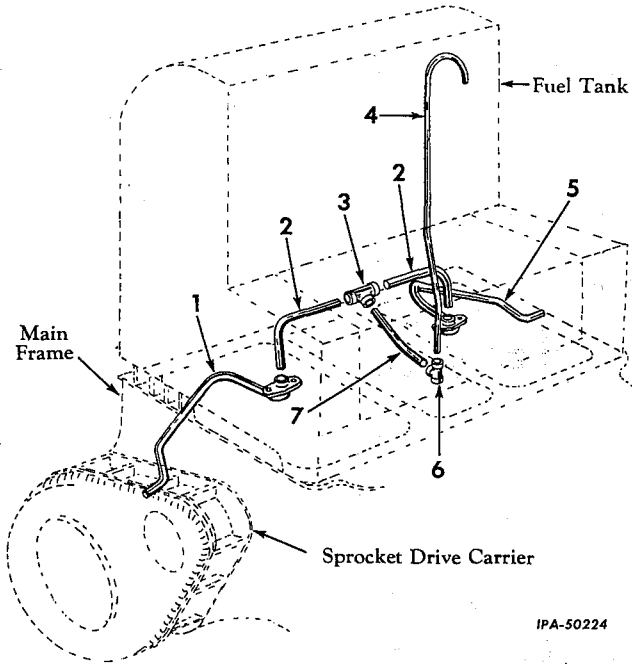
SEAT, FENDERS AND PLATFORMS - CONTINUED

18	283 321 R91	SUPPORT, seat (rear) 1/2" NUT (2) 1/2 x 3/4" hex-hd. cap SCREW (2) 1/2" lock WASHER (2)
19	307 317 R12	CHANNEL, LH seat frame slide rail (TD-150-2973 to 4000) (TD-151-4001 to 5159) (order PACKAGE, 331 606 R91)
19	331 596 R91	CHANNEL, LH seat frame slide rail (TD-151-5160 up)
20	19 371 R1	PIN, 1/8 x 3/4" (TD-151-5160 up)
21	331 595 R1	LOCK, seat (TD-151-5160 up)
22	331 594 R1	SPRING, latch torsion (TD-151-5160 up)
23	331 591 R1	PLUG, seat adjusting handle (TD-151-5160 up)
24	331 592 R1	HANDLE, seat adjusting (TD-151-5160 up)
	273 100 R1	ADJUSTER, RH seat (order 307 317 R12)
	273 101 R1	ADJUSTER, LH seat (order 307 317 R12)
	331 606 R91	PACKAGE, seat slide rail lock field service (TD-150-2973 to 4000) (TD-151-4001 to 5159) (Composed of - 1 CHANNEL 331 596 R91 1 HANDLE 331 592 R1 1 LOCK 331 595 R1 1 PIN 19 371 R1 1 PLUG 331 591 R1 1 SPRING 331 594 R1)
	273 102 R1	ROD, slide rail connecting
	273 103 R1	SPRING, seat adjuster (2)

FINAL DRIVE



SPROCKET DRIVE VENT TUBES, TRANSMISSION VENT TUBES AND CONNECTORS



IPA-50224

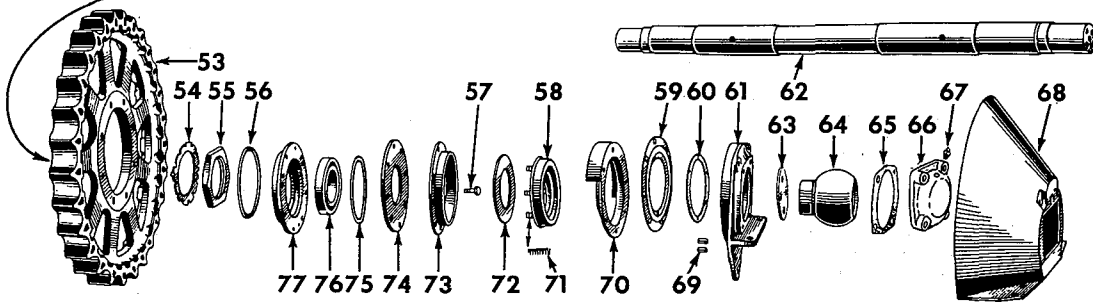
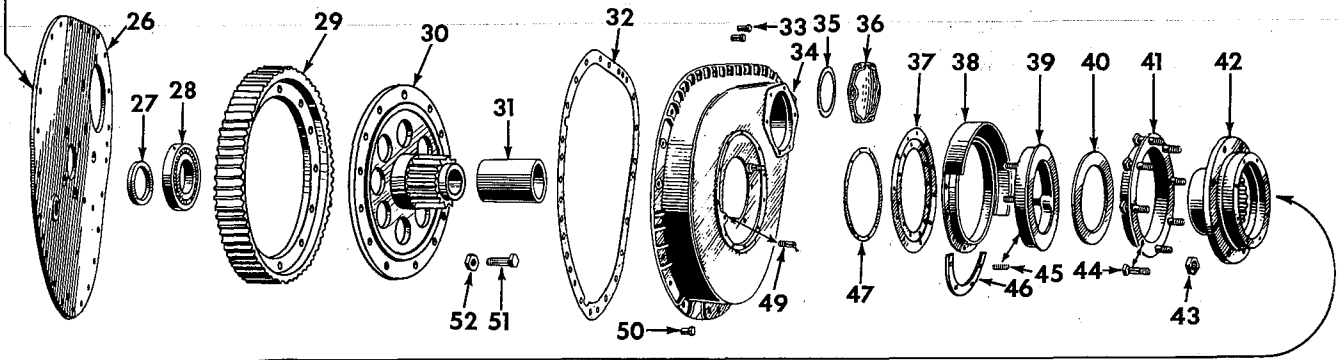
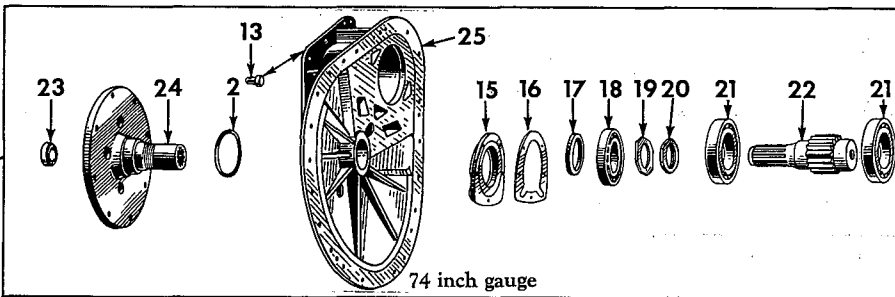
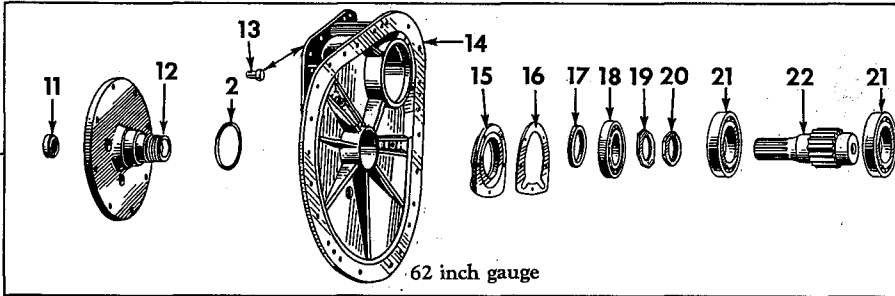
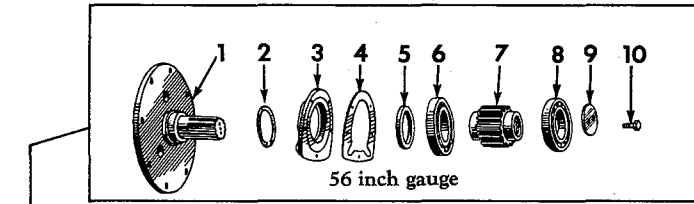
MEMORANDUM



REF. NO.	I. H. PART NUMBER	DESCRIPTION
1	277 342 R21	TUBE w/BRACKET, RH sprocket drive carrier lower vent
		1/4" jam NUT (2)
	13 239 R1	SCREW, 1/4 x 5/8" sq-hd. machine (2)
		1/4" internal-tooth lock WASHER (2)
2	277 345 R2	TUBE, sprocket drive carrier upper vent (2)
3	252 628 R1	CONNECTOR, sprocket drive carrier vent tube union tee
4	277 347 R2	TUBE, transmission vent
5	277 341 R21	TUBE w/BRACKET, LH sprocket drive carrier lower vent
		1/4" jam NUT (2)
	13 239 R1	SCREW, 1/4 x 5/8" sq-hd. machine (2)
		1/4" internal-tooth lock WASHER (2)
6	68 182 DM	CONNECTOR, transmission vent tube union tee
7	277 346 R2	TUBE, sprocket drive carrier center vent
	38 026 DM	CONNECTOR, RH and LH sprocket drive carrier vent lower tube (2)
	39 584 D	CONNECTOR, sprocket drive carrier upper vent tube (2)
	278 953 R91	NUT, RH and LH sprocket drive carrier vent lower tube connector (2)
	278 953 R91	NUT, sprocket drive carrier upper vent tube connector (2)
	278 953 R91	NUT, sprocket drive carrier vent tube union tee connector (3)
	278 953 R91	NUT, transmission vent tube union tee (2)

FINAL DRIVE

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



IPB-10462 B

FINAL DRIVE

REF. NO.	I. H. PART NUMBER	DESCRIPTION
SPROCKET DRIVE, SHAFT, PINION AND SPROCKET AND TRACK FRAME PIVOT SHAFT - CONTINUED		
1	52 346 DC	SHAFT, sprocket drive pinion (56" gauge) (2)
2	49 801 D	RING, track frame pivot shaft oil seal (2)
3	9 477 DA	RETAINER, sprocket drive pinion inner bearing (56" gauge) (2) 1/2NF x 1-1/2" hex-hd. cap SCREW (10) 1/2" lock WASHER (10)
4	64 819 D	GASKET, sprocket drive pinion inner bearing retainer (56" gauge) (2)
5	273 751 R92	OIL SEAL, sprocket drive pinion (56" gauge) (2)
6	ST 285	BEARING, inner sprocket drive pinion (56" gauge) (2)
7	273 790 R1	PINION, sprocket drive (12 T) (56" gauge) (2)
8	ST 284	BEARING, outer sprocket drive pinion (56" gauge) (2)
9	273 789 R1	WASHER, sprocket drive pinion outer bearing retainer (56" gauge) (2)
10	28 230 D	BOLT, sprocket drive pinion outer bearing retainer washer (56" gauge) (2)
11	307 651 R1	INSERT, steering clutch support shaft (62" gauge) (2)
12	307 650 R11	SHAFT w/INSERT, 307 651 R1 and PIN, 441 014 R1, sprocket drive support (62" gauge) (2)
13	64 803 D	PIN, sprocket drive carrier dowel (74" and 62" gauge) (TD-150 501 to 3500) (4)
13	314 864 R1	PIN, sprocket drive carrier dowel (74" and 62" gauge) (TD-150 3501 to 4000) (TD-151 4001 up) (2)
14	311 496 R41	CARRIER ASSEMBLY, LH and RH sprocket drive (will work for 307 652 R1 and 307 653 R1) (62" gauge) (2) (Composed of - § 1 CARRIER 1 GASKET 272 925 R1 1 PLUG 18 524 R1 2 PLUG 271 848 R1 1 "O" RING 252 482 R1 1/2 x 1-5/8" hex-hd. cap SCREW (4) 5/8 x 2-1/4" hex-hd cap SCREW (4) 1/2" external-tooth lock WASHER (4) 5/8 x 3-1/2" hex-hd cap SCREW (6)
15	273 683 R1	RETAINER, steering clutch support shaft bearing (74" gauge) (2) 1/2 x 2-1/4" hex-hd. cap SCREW (10) 1/2" lock WASHER (10)
16	64 817 DA	GASKET, steering clutch support bearing retainer (74" and 62" gauge) (2)
17	310 517 R91	OIL SEAL, steering clutch support shaft (74" and 62" gauge) (will work for 279 990 R91 and 310 531) (2)
18	ST 599	BEARING, steering clutch support shaft (74" and 62" gauge) (2)
19	273 688 R1	LOCK, steering clutch support shaft bearing retaining nut (74" and 62" gauge) (2)
20	273 687 R1	NUT, steering clutch support shaft bearing retaining (74" and 62" gauge) (4)
21	277 054 R91	BEARING, inner sprocket drive pinion (74" and 62" gauge) (4)
22	307 617 R1	PINION, sprocket drive (11 T) (62" gauge) (2)
22	277 053 R1	PINION, sprocket drive (11 T) (74" gauge) (2)
23	273 607 R1	INSERT, steering clutch support shaft (74" gauge) (2)
24	273 682 R11	SHAFT w/INSERT, 273 607 R1 and PIN, 441 014 R1, sprocket drive support (74" gauge) (2)

FINAL DRIVE

REF. NO.	I. H. PART NUMBER	DESCRIPTION
SPROCKET DRIVE, SHAFT, PINION AND SPROCKET AND TRACK FRAME PIVOT SHAFT - CONTINUED		
25	273 692 R71	CARRIER ASSEMBLY, sprocket drive (74" gauge) (2) (Composed of - § 1 CARRIER 2 GASKET 272 925 R1 2 PLUG 18 524 R1 3 PLUG 172 600 2 PLUG 271 848 R1 2 "O" RING 252 482 R1 1/2 x 1-1/2" hex-hd. cap SCREW (4) 5/8 x 1-1/2" hex-hd. cap SCREW (2) 5/8 x 1-3/4" hex-hd. cap SCREW (10) 1/2" external-tooth lock WASHER (4) 5/8" external-tooth lock WASHER (2)
26	253 966 R51	PLATE w/GASKET, 272 925 R1, "O" RING, 252 482 R1, PLUG, 271 848 R1 and PLUG, 18 524 R1, RH and LH sprocket drive carrier (56" gauge) (2) 1/2 x 1-1/4" hex-hd. cap SCREW (4) 5/8 x 1-1/4" hex-hd. cap SCREW (12) 1/2" lock WASHER (4) 5/8" lock WASHER (12)
27	318 799 R11	SPACER, sprocket drive gear bearing (short) (will work for 49 864 DB) (2)
28	273 695 R91	BEARING, sprocket drive gear inner (2)
29	278 576 R1	GEAR, sprocket drive (56" gauge) (2)
29	278 578 R1	GEAR, sprocket drive (74" and 62" gauge) (2)
30	278 575 R1	CARRIER, sprocket drive gear (2)
31	279 680 R2	SPACER, sprocket drive gear bearing (long) (2)
32	64 820 DA	GASKET, sprocket drive gear cover (2)
33	64 801 D	PIN, sprocket drive gear cover to main frame dowel (56" gauge) (4)
34	273 699 R5	COVER, sprocket drive gear (2) 1/2" NUT (40) 1/2 x 1-1/2" hex-hd. cap SCREW (56" gauge) (40) 1/2 x 2" hex-hd. cap SCREW (62" and 74" gauge) (40) 1/2" lock WASHER (40) 1/2 x 2-1/4" hex-hd. cap SCREW (62" and 74" gauge) (28)
35	273 694 R1	RING, sprocket drive pinion outer bearing cap packing (2)
36	273 693 R1	CAP, sprocket drive pinion outer bearing (2) 1/2 x 1-1/2" hex-hd. cap SCREW (12) 1/2" lock WASHER (12)
37	53 444 DA	DIAPHRAGM, sprocket drive oil seal (2)
38	53 455 D	GUARD w/dirt DEFLECTOR, sprocket drive oil seal (2) 3/8 x 3/4" hex-hd. cap SCREW (12) 3/8" lock WASHER (12)
39	8 431 D	PLATE, sprocket drive oil seal pressure (2)
40	53 440 D	PACKING, sprocket drive oil seal (2)
41	53 439 D	DEFLECTOR, sprocket drive oil seal dirt (2)
42	53 438 DB	CARRIER, sprocket (2)
43	45 293 D	NUT, sprocket carrier bolt (16)
44	49 879 DB	BOLT, sprocket carrier (16)
45	41 608 D	SPRING, sprocket drive oil seal pressure plate (8)

§ - Not Furnished Separately

FINAL DRIVE

REF. NO.	I. H. PART NUMBER	DESCRIPTION
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SPROCKET DRIVE, SHAFT, PINION AND SPROCKET AND TRACK FRAME PIVOT SHAFT - CONTINUED

46	275 684 R1	STIFFENER, sprocket drive oil seal guard (2) 3/8 x 1" hex-hd. cap SCREW (8) 3/8" lock WASHER (8)
47	53 445 DA	RETAINER, sprocket drive oil seal diaphragm (2) 1/4 x 5/8" hex-hd. cap SCREW (20) 1/4" lock WASHER (20)
49	52 419 D	PIN, sprocket drive oil seal pressure plate anchor (4)
50	64 802 D	PIN, sprocket drive gear cover to carrier dowel (74" and 62" gauge) (6)
50	46 337 D	PIN, sprocket drive gear cover to carrier plate dowel (56" gauge) (2)
51	273 698 R1	BOLT, drive gear sprocket dowel (20)
52	18 558 R1	NUT, sprocket drive gear dowel bolt (20)
53	8 435 DA	SPROCKET (27 T) (not "Cut-Away") (2) (TD-150 501 to 3500)
53	316 598 R1	SPROCKET (27 T) (not "Cut-Away") (2) (TD-150-3501 to 4000) (TD-151-4001 up)
54	49 882 D	LOCK, sprocket drive gear carrier nut (2)
55	53 613 DA	NUT, sprocket drive gear carrier (2)
56	264 266 R1	RING, sprocket drive gear outer bearing cage packing (outer) (2)
57	264 267 R1	SCREW, sprocket drive gear outer bearing retainer cap (16) 1/2" external-tooth lock WASHER (16)
58	8 432 D	PLATE, track frame pivot oil seal pressure (2)
59	53 450 DA	DIAPHRAGM, track frame pivot oil seal (2)
60	53 451 D	RETAINER, track frame pivot oil seal diaphragm (2) 1/4 x 3/4" hex-hd. cap SCREW (16) 1/4" lock WASHER (16)
61	268 914 R2	BRACKET, track frame pivot (2)
	266 168 R1	BOLT, track frame pivot bracket (10)
	41 842 D	NUT, track frame pivot bracket bolt (10)
62	260 896 R4	SHAFT, track frame pivot (56" gauge)
62	260 897 R4	SHAFT, track frame pivot (74" gauge)
62	307 660 R1	SHAFT, track frame pivot (62" gauge)
63	261 291 R1	SHIM, track frame pivot bearing (heavy) (X)
63	261 292 R1	SHIM, track frame pivot bearing (light) (X)
64	320 545 R1	BEARING, track frame pivot (together with BOLT, 320 546 R1 will work for 260 895 R2) (2)
	320 546 R1	BOLT, track frame pivot bearing (4)
65	49 802 D	GASKET, track frame pivot bracket cap (2)

FINAL DRIVE

REF. NO.	I. H. PART NUMBER	DESCRIPTION
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SPROCKET DRIVE, SHAFT, PINION AND SPROCKET AND TRACK FRAME PIVOT SHAFT - CONTINUED

66	6 984 DB	CAP, track frame pivot bracket (2) (TD-150 501 to 3119)
66	309 296 R1	CAP, track frame pivot bracket (2) (TD-150-3120 to 4000) (TD-151-4001 up) 3/4 x 2" hex-hd. cap SCREW (8) CORK, 11/16 x 7/8" long (8) (TD-150 501 to 3119)
67	138 322 H	FITTING, track frame pivot lubrication (Alemite 1610 BL) (optional with 109 461) (2)
67	109 461	FITTING, track frame pivot lubrication (Lincoln 5000) (optional with 138 322 H) (2)
68	52 357 DX	SHIELD, sprocket (2) (TD-150 501 to 3119)
68	320 600 R91	SHIELD, LH sprocket (TD-150-3120 to 4000) (*) (TD-151-4001 up)
68	320 601 R91	SHIELD, RH sprocket (TD-150-3120 to 4000) (*) (TD-151-4001 up) 1/2" NUT (2) 1/2 x 1-1/2" hex-hd. cap SCREW (2) 3/4 x 3-1/4" hex-hd. cap SCREW (4) 9/16 x 1-1/4" hex-hd. cap SCREW (4) 1/2" lock WASHER (2) 9/16" lock WASHER (4)
69	54 110 D	PIN, track frame pivot oil seal pressure plate anchor (4)
70	53 456 D	GUARD w/dirt DEFLECTORS, track frame pivot oil seal (2) 3/8NF x 3/4" hex-hd. cap SCREW (16) 3/8" lock WASHER (16)
71	41 619 D	SPRING, track frame pivot oil seal pressure plate (8)
72	53 449 D	PACKING, track frame pivot oil seal (2)
73	53 448 D	DEFLECTOR, track frame pivot oil seal dirt (2)
74	279 682 R1	RETAINER, sprocket drive gear outer bearing (2)
75	264 270 R1	RING, sprocket drive gear outer bearing cage packing (inner) (2)
76	ST 662	BEARING, outer sprocket drive gear outer (together with 279 681 R2 will work for ST 624 and ST 624 A) (2)
77	279 681 R2	CAGE, sprocket drive gear outer bearing (together with ST 624 A will work for 279 681 R1)(2)

NOTE 1 - Factory Application - Order on Machine Order Form.
NOTE 3 - Field Application - Order through Regular Service Parts Channels.

(X) - As Required.

(*) - Together with four SCREW (3/4 x 3-1/4") four SCREW (9/16 x 1-1/4"), four WASHER (9/16" lock), two SCREW, (1/2 x 1-1/2") two WASHER (1/2" lock), two NUT (1/2") and track frame reworking diagram will work for 318 739 R91 (TD-150 series only).

FINAL DRIVE

REF. NO.	I. H. PART NUMBER	DESCRIPTION
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SPROCKET DRIVE, SHAFT, PINION AND SPROCKET AND TRACK FRAME PIVOT SHAFT - CONTINUED

57 614 DA	ATTACHMENT, cut-away sprocket (consists of two SPROCKET, 8 784 DC and two LOCKWIRE, 263 945 R1) (TD-150 501 to 3500) (See NOTE 3)
314 973 R91	ATTACHMENT, cut-away sprocket (consists of two SPROCKET, 316 599 R1 and two LOCKWIRE, 316 597 R1) (TD-150-3501 to 4000) (TD-151-4001 up) (See NOTES 1 and 3)
272 925 R1	GASKET, sprocket drive filler plug (4)
307 181 R91	GEAR and CARRIER ASSEMBLY, sprocket drive (56" gauge) (2) (Composed of - 10 BOLT 273 698 R1 1 CARRIER 278 575 R1 1 GEAR 278 576 R1 10 NUT 18 558 R1)
307 182 R91	GEAR and CARRIER ASSEMBLY, sprocket drive (74" and 62" gauge) (2) (Composed of - 10 BOLT 273 698 R1 1 CARRIER 278 575 R1 1 GEAR 278 578 R1 10 NUT 18 558 R1)
263 945 R1	LOCKWIRE, track master link pin (2) (TD-150 501 to 3500)
316 597 R1	LOCKWIRE, track master link pin (2) (TD-150-3501 to 4000) (TD-151-4001 up)
31 115 D	NUT, sprocket drive carrier stud (74" and 62" gauge) (16) 1/2" lock WASHER (16)
252 482 R1	"O" RING, sprocket drive carrier vent (4)
141 239	PIN, sprocket drive gear bearing short spacer
441 014 R1	PIN, steering clutch support shaft insert (74" and 62" gauge) (2)
172 600	PLUG, sprocket drive carrier expansion (6)
18 524 R1	PLUG, sprocket drive filler (4)
271 848 R1	PLUG, sprocket drive filler (4)
8 784 DC	SPROCKET, cut-away (27 T) (2) (TD-150 501 to 3500)
316 599 R1	SPROCKET, cut-away (27 T) (2) (TD-150-3501 to 4000) (TD-151-4001 up)
	WIRE, locking (16 ga.) (.0625) x 8" long (sprocket drive pinion outer bearing retainer washer bolt) (56" gauge) (order 278 027 R1) (2)
278 027 R1	WIRE, locking bulk (16 ga.) (customer must specify length required) (X)

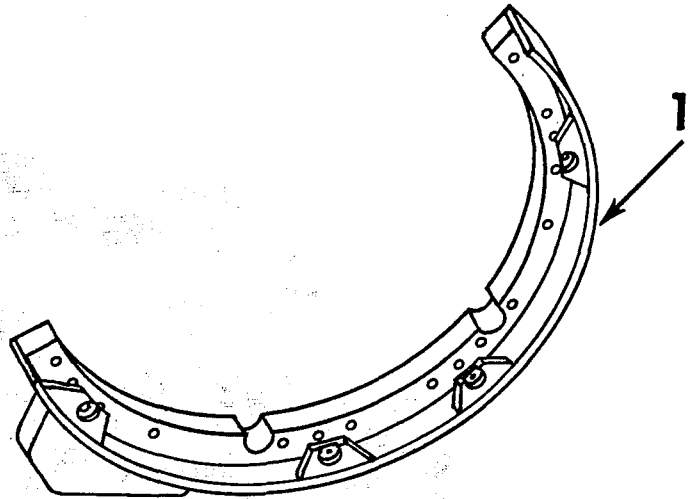
NOTE 1 - Factory Application - Order on machine order form.

NOTE 3 - Field Application - Order through regular service parts channels.

(X) As Required

FINAL DRIVE

SPROCKET DRIVE HOUSING SHIELD



IP A-1086 C

REF. NO.	I. H. PART NUMBER	DESCRIPTION
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(X) KEY TO UNITS

A -	320 616 R91	ATTACHMENT, sprocket drive housing shield (62" and 74" gauge) (See NOTE 3)
B -	271 120 R91	ATTACHMENT, sprocket drive housing shield (56" gauge) (See NOTE 3)

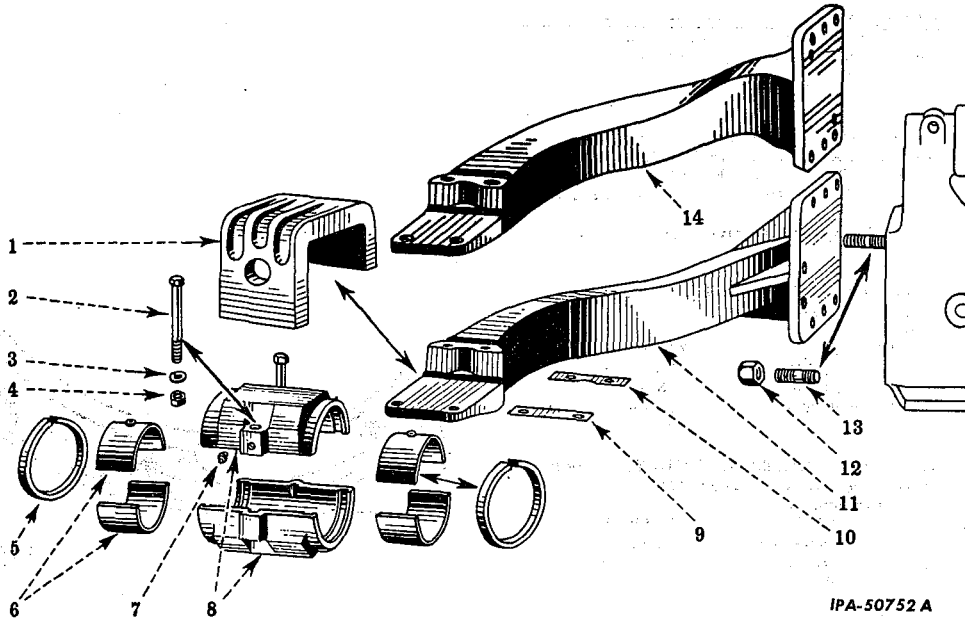
(X) - Letters of these units correspond with those shown following the description of the parts in the list below and identifies the unit for which the part is used. Items without letters after the description indicates the part is used for all units.

1	320 606 R11	SHIELD, LH sprocket drive housing (together w/four SCREW (1/2 x 5-1/4"), four WASHER (1/2"), and four NUT (1/2") (will work for 264 845 R1) (Unit A) 1/2 x 5-1/4" hex-hd. cap SCREW (4) 1/2 x 2-3/4" hex-hd cap SCREW (11) 1/2 NUT (11) 1/2" lock WASHER (11)
1	271 121 R11	SHIELD, LH sprocket drive housing (Unit B) 1/2 x 2-1/2" hex-hd. cap SCREW (10) 1/2" NUT (10) 1/2" lock WASHER (10)
1	320 607 R11	SHIELD, RH sprocket drive housing (together w/four SCREW (1/2 x 5-1/4"), four WASHER (1/2"), and four NUT (1/2") (will work for 264 846 R1) (Unit A) 1/2 x 5-1/4" hex-hd. cap SCREW (4) 1/2 x 2-3/4" hex-hd cap SCREW (11) 1/2" NUT (11) 1/2" lock WASHER (11)
1	271 122 R11	SHIELD, RH sprocket drive housing (Unit B) 1/2 x 2-1/2" hex-hd. cap SCREW (10) 1/2" NUT (10) 1/2" lock WASHER (10)
	265 890 R1	SHIM, sprocket drive housing shield (Unit A) (18)

NOTE 3 - Field Application - Order through regular service parts channels.

TRACK DRIVE

TRACK FRAME DIAGONAL BRACE
(Not Rigid Track Frame)



REF. NO.	I. H. PART NUMBER	DESCRIPTION
1	6 894 DB	CLAMP, track frame diagonal brace (2) 3/4 x 2" hex-hd. cap SCREW (4) 3/4 x 4-1/2" hex-hd. cap SCREW (4)
2		SCREW, 1/2NF x 3-1/2" hex-hd. cap (track frame diagonal brace bearing) (4)
3		WASHER, 1/2" external-tooth lock (track frame diagonal brace bearing) (Shakeproof 1124) (4)
4		NUT, 1/2"NF hex (track frame diagonal brace bearing) (4)
5	49 835 D	FELT, track frame diagonal brace bearing (4)
6	57 240 D	BUSHINGS, track frame diagonal brace bearing (set of 4) (2)
7	109 461	FITTING, track frame diagonal brace bearing lubrication (Lincoln 5000) (optional with 138 322 H) (2)
7	138 322 H	FITTING, track frame diagonal brace bearing lubrication (Alemite 1610 BL) (optional with 109 461) (2)
8	57 236 DA	BEARING SET, track frame diagonal brace (Consists of two BEARING, one BUSHING, 57 240 D and two FELT, 49 835 D) (2)
9	49 839 D	SHIM, outer track frame diagonal brace clamp (heavy) (2)
9	49 840 D	SHIM, outer track frame diagonal brace clamp (medium) (2)
9	49 841 D	SHIM, outer track frame diagonal brace clamp (light) (4)

TRACK DRIVE

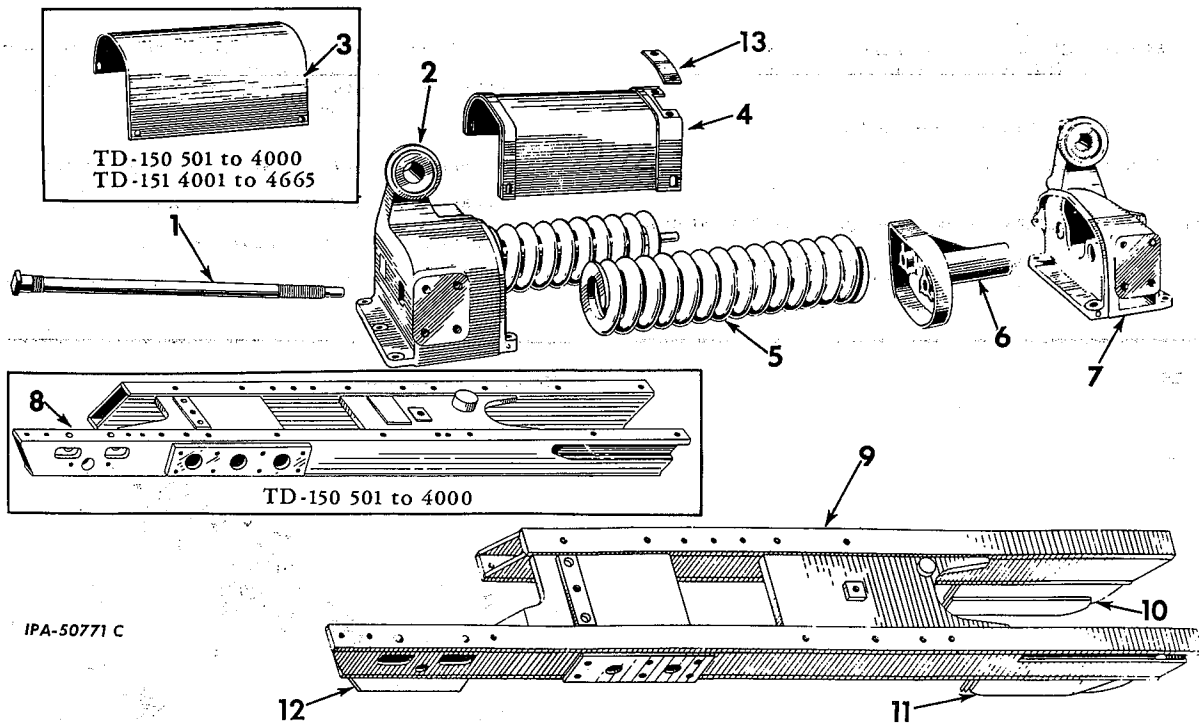
TRACK FRAME DIAGONAL BRACE - CONTINUED
(Not Rigid Track Frame)

REF. NO.	I. H. PART NUMBER	DESCRIPTION
10	49 836 D	SHIM, inner track frame diagonal brace clamp (heavy) (2)
10	49 837 D	SHIM, inner track frame diagonal brace clamp (medium) (2)
10	49 838 D	SHIM, inner track frame diagonal brace clamp (light) (4)
11	52 334 DB	BRACE, LH track frame diagonal (56" gauge)
11	52 335 DB	BRACE, RH track frame diagonal (56" gauge)
11	307 654 R11	BRACE, LH track frame diagonal (62" gauge)
11	307 655 R11	BRACE, RH track frame diagonal (62" gauge)
12	41 842 D	NUT, track frame diagonal brace stud (12)
13	63 266 D	STUD, track frame diagonal brace (12)
14	52 336 DB	BRACE, LH track frame diagonal (74" gauge)
14	52 337 DB	BRACE, RH track frame diagonal (74" gauge)
	266 174 R1	DOWEL, track frame diagonal brace (4)
	266 175 R1	RETAINER, track frame diagonal brace dowel (4)

TRACK DRIVE



TRACK FRAME AND SPRING



TRACK DRIVE



TRACK FRAME AND SPRING - CONTINUED

REF. NO.	I. H. PART NUMBER	DESCRIPTION
1	272 867 R1	ROD, track spring adjusting (4) 1-1/2NF NUT (4) 3/16 x 2-1/4" cotter PIN (4)
2	268 915 R2 106 623	RETAINER, LH track spring rear CORK, 7/8 x 1-1/16" long (4) 5/8NF NUT 5/8NF x 3-5/8" hex-hd cap SCREW
2	268 916 R2 106 623	RETAINER, RH track spring rear CORK, 7/8 x 1-1/16" long (4) 5/8NF NUT 5/8NF x 3-5/8" hex-hd cap SCREW
3	49 733 DAX Q 1 520	GUARD, track spring (not rigid track frame) (2) (TD-150 501 to 4000, TD-151 4001 to 4665) 1/2 x 7/8" hex-hd cap SCREW (8) 1/2" lock WASHER (8) WASHER, 17/32 x 1" x 14 ga steel (8)
4	311 355 R11	GUARD, LH track spring (TD-151 4666 up)
4	311 356 R11	GUARD, RH track spring (TD-151 4666 up) 1/2 x 7/8" hex-hd cap SCREW (8) 1/2" lock WASHER (8) 17/32 x 1-1/16 x 13 ga flat WASHER (8)
5	272 866 R1	SPRING, track (4)
6	266 178 R1	RETAINER, track spring front (2) TD-150 501 to 4000) (TD-151 4001 to 4665)
7	274 382 R21 106 623	GUIDE, RH track frame equalizer spring CORK, 7/8 x 1-1/16" long (7) 5/8NF NUT 5/8NF x 3-5/8" hex-hd cap SCREW

REF. NO.	I. H. PART NUMBER	DESCRIPTION
7	274 381 R21 106 623	GUIDE, LH track frame equalizer spring (not rigid track frame) CORK, 7/8" x 1-1/16" long (7) 5/8NF NUT 5/8NF x 3-5/8" hex-hd cap SCREW
8	268 197 R98	FRAME w/PAD, 304 291 R1, LH track (standard) (not large dia front idler or extended track frame) (TD-150-501 to 4000)
8	268 198 R98	FRAME w/PAD, 304 291 R1, RH track (standard) (not large dia front idler or extended track frame) (TD-150-501 to 4000)
9	318 740 R92	FRAME ASSEMBLY, LH track (not large dia front idler or extended track frame) (TD-151 4001 up) (Composed of - § 1 FRAME 1 GUIDE 322 063 R91 1 GUIDE 322 064 R91 1 GUIDE 322 070 R91 1 PAD 304 291 R1)
9	318 741 R92	FRAME ASSEMBLY, RH track (not large dia front idler or extended track frame) (TD-151 4001 up) (Composed of - § 1 FRAME 1 GUIDE 322 063 R91 1 GUIDE 322 064 R91 1 GUIDE 322 071 R91 1 PAD 304 291 R1)
10	322 063 R91	GUIDE, front member track chain (LH outer) (RH inner) (2) (TD-151-4001 up)

§ - Not Furnished Separately.



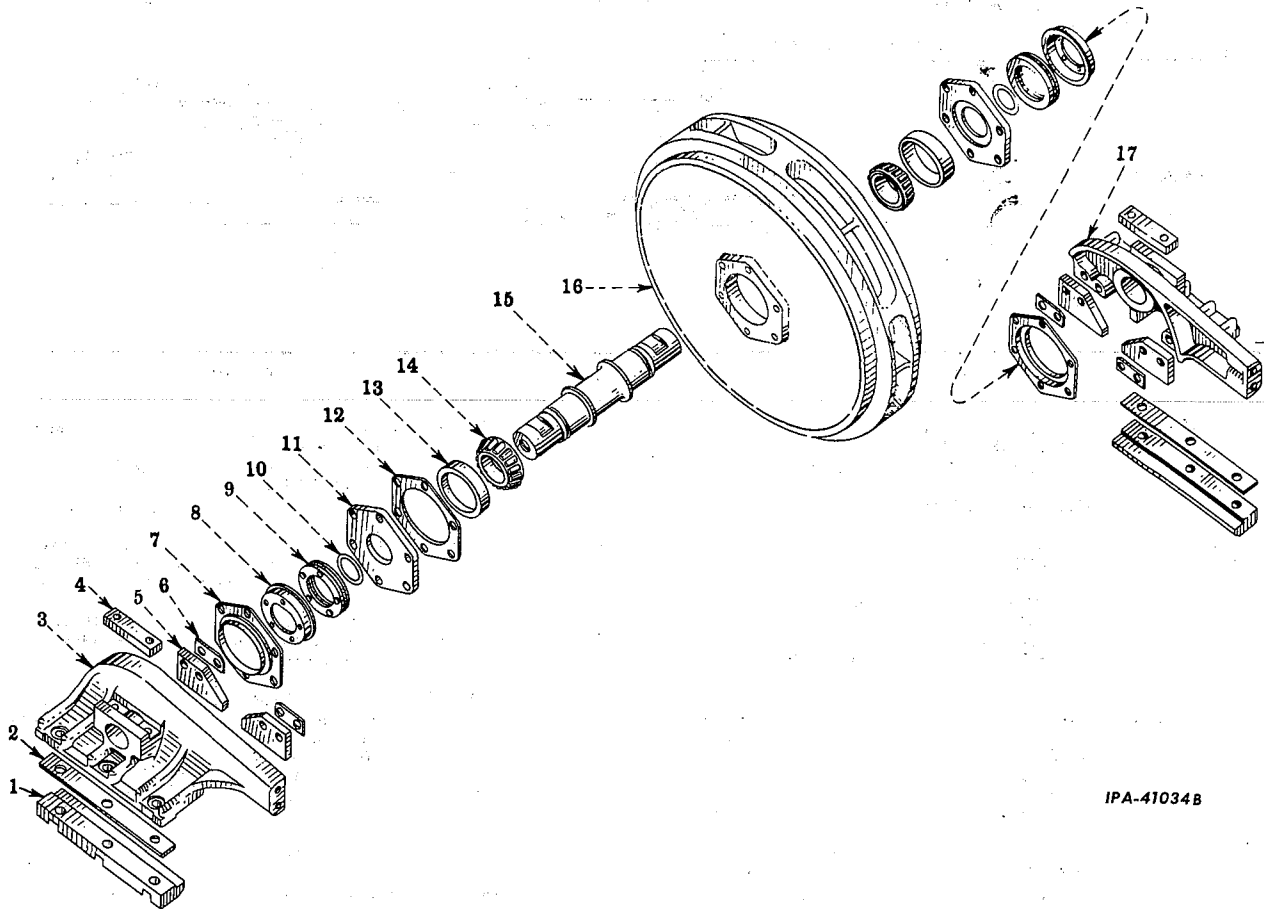
TRACK DRIVE

REF. NO.	I.H. PART NUMBER	DESCRIPTION
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TRACK FRAME AND SPRING - CONTINUED

11	322 064 R91	GUIDE, front member track chain (LH inner) (RH outer) (2) (TD-151-4001 up)
12	322 070 R91	GUIDE, rear LH track chain
12	322 071 R91	GUIDE, rear RH track chain
13	311 365 R1	COVER, track spring guard (2) (TD-151 4666 up) 3/8 x 3/4" hex-hd cap SCREW (4) 3/8" lock WASHER (4)

FRONT IDLER



IPA-41034B

REF. NO.	I.H. PART NUMBER	DESCRIPTION
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1	273 746 R1	JAW, front idler guide (not used on tractors equipped with IH blade equipment using rub shoes)(4) 3/4"NF NUT (4) 3/4NF x 3" hex-hd. cap SCREW (4)
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TRACK DRIVE

REF. NO.	I.H. PART NUMBER	DESCRIPTION
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TRACK FRAME AND SPRING - CONTINUED

272 526 R1	BOLT, track frame and equalizer spring guide (short) (6)
272 527 R1	BOLT, track frame and equalizer spring guide (long) (4)
272 527 R1	BOLT, rear track spring retainer long (5)
46 887 D	NUT, track spring adjusting rod lock (4)
304 291 R1	PAD, equalizer spring (2)
271 305 R2	PIN, rear track spring retainer dowel (4)

FRONT IDLER - CONTINUED

REF. NO.	I.H. PART NUMBER	DESCRIPTION
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2	273 747 R1	SHIM, front idler guide jaw (heavy) (X)
2	273 748 R1	SHIM, front idler guide jaw (medium) (X)
2	273 749 R1	SHIM, front idler guide jaw (light) (X)
3	268 090 R2	GUIDE, LH front idler (2)



TRACK DRIVE

REF. NO.	I.H. PART NUMBER	DESCRIPTION
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FRONT IDLER - CONTINUED

4	265 231 R1	LOCK, front idler shaft (4) 5/8 x 1-3/4" hex-hd. cap SCREW (8)
5	265 234 R1	RETAINER, front idler guide (six used on tractors equipped with IH blade equipment using rub shoes) (8) 3/4 x 1-7/8" hex-hd. cap SCREW (16)
6	265 235 R1	LOCK, front idler guide retainer cap screw (8)
7	251 957 R1	SHIELD, front idler oil seal dust (4) 1/2 x 1-1/2" hex-hd. cap SCREW (24) 1/2" lock WASHER (24)
8	265 230 R2	SUPPORT, front idler oil seal (4)
9	257 329 R94	OIL SEAL w/"O" RING, 251 959 R1, front idler (4)
10	251 959 R1	"O" RING, front idler oil seal (2-1/2 x 2-29/32 x 13/64" thick) (4)
11	265 229 R1	RETAINER, front idler bearing (4)
12	251 962 R1	SHIM, front idler bearing retainer steel (.0149") (X)
12	251 963 R1	SHIM, front idler bearing retainer steel (.007 - .0086") (X)
12	251 964 R1	SHIM, front idler bearing retainer steel (.004") (X)
12	251 965 R1	SHIM, front idler bearing retainer steel (.002") (X)
13	ST 972	CUP, front idler bearing (4)
14	ST 2 045	CONE, front idler bearing (4)
15	307 466 R1	SHAFT, front idler (together with 304 908 R1 will work for 265 225 R1)(2)
16	314 555 R1	IDLER, front (not large dia. idler) (2) (TD-150-3501 to 4000) (TD-151-4001 up)
16	265 224 R1	IDLER, front (not large dia. idler) (2) (TD-150 501 to 3500)
16	272 137 R2	IDLER, large dia. front (special) (2)
17	268 091 R2 272 145 R91	GUIDE, RH front idler (2) ATTACHMENT, large dia front idler (TD-150 501 to 4000; TD-151 4001 to 4665) (Consists of - IDLER, 272 137 R1, and SPACER, 273 478 R1) (used with front idler guide cross plate) (See NOTE 3)
	266 245 R2	BOLT, front idler guide jaw (8)
	41 442 DA	NUT, front idler guide jaw bolt (8)
	267 195 R91	PACKAGE, front idler seal leather washer field service (Consists of two leather washer) (X)
	305 540 R1	PLUG, front idler shaft lubricating TD-150-501 to 1721 (2)
	268 996 R1	PLUG, front idler shaft lubricating (2) (TD-150-1722 to 4000) (TD-151-4001 up)
	273 478 R1	SPACER, front idler guide (used with ATTACHMENT, 272 145 R91 only) (TD-150-501 to 4000; TD-151 4001 to 4665) (4)

NOTE 3 - Field Application - Order through Regular Service Parts Channels.

X - As Required

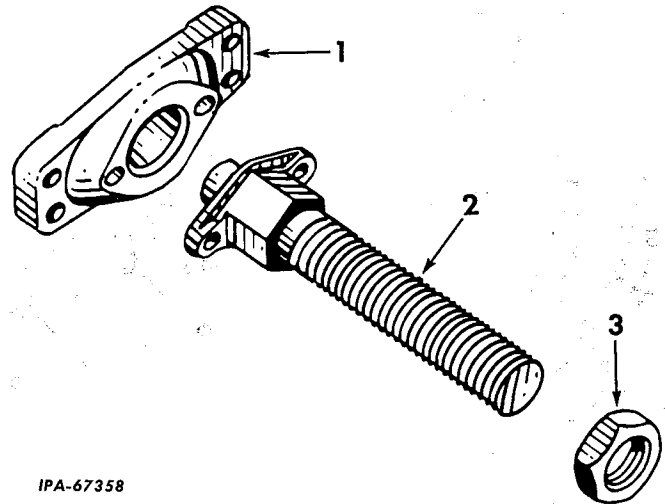


TRACK DRIVE

REF. NO.	I.H. PART NUMBER	DESCRIPTION
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FRONT IDLER ADJUSTER

(TD-150- 501 to 4000) (TD-151 - 4001 to 4665)

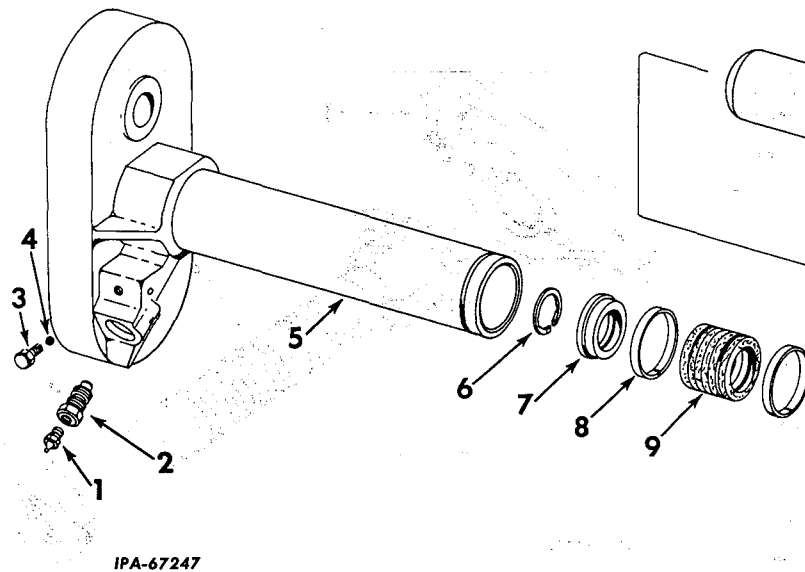


REF. NO.	I.H. PART NUMBER	DESCRIPTION
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1	6 878 DA	PLATE, front idler guide cross (2) 3/4 x 2" hex-hd cap SCREW (8) 3/4 x 2-3/4" hex-hd cap SCREW (used with ATTACHMENT, 272 145 R91) (8)
2	273 529 R1	ADJUSTER, front idler (not used with extended track frame) (2) 5/8 x 1-1/2" hex-hd cap SCREW (4)
3	266 179 R1	NUT, front idler adjuster lock (2)

TRACK DRIVE

HYDRAULIC FRONT IDLER ADJUSTER
(TD-151-4666 Up)

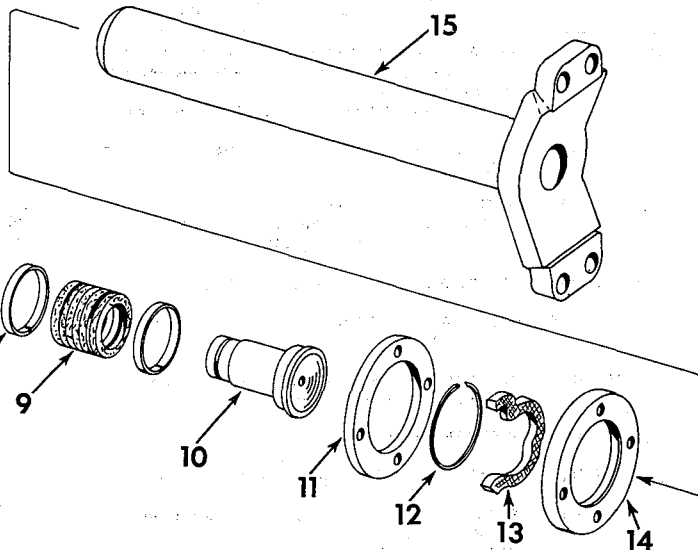


IPA-67247

REF. NO.	I. H. PART NUMBER	DESCRIPTION
1	138 322 H	FITTING, front retainer lubrication (Alemite 1610 B) (optional with 271 409) (2)
1	271 409	FITTING, front retainer lubrication (Lincoln 105000) (optional with 138 322 H) (2)
2	319 628 R91	BALL CHECK, front retainer lubrication inlet (2)
3	311 070 R1	BOLT, front retainer vent (2)
4	16 012 R1	BALL, front retainer vent (3/8" dia steel) (2)
5	311 359 R92	CYLINDER, hydraulic track adjuster, LH
5	311 360 R92	CYLINDER, hydraulic track adjuster, RH
6	233 046 R1	RING, piston end snap (2)
7	322 643 R1	PISTON, hydraulic track adjuster end (2)

TRACK DRIVE

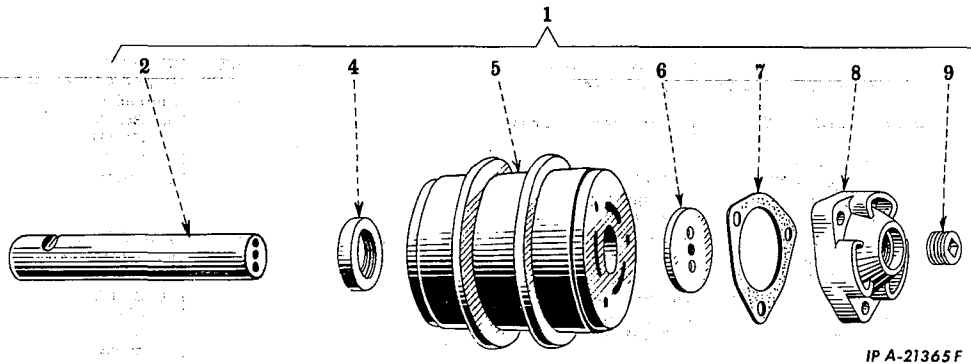
HYDRAULIC FRONT IDLER ADJUSTER - CONTINUED
(TD-151 - 4666 up)



REF. NO.	I. H. PART NUMBER	DESCRIPTION
8	322 639 R1	RING, piston wear (4)
9	322 636 R1	PACKING, hydraulic track adjuster pyramid (2)
10	322 642 R1	BODY, hydraulic track adjuster piston (2)
11	322 640 R1	GLAND, hydraulic track adjuster packing (2)
12	322 638 R1	RING, packing gland snap (2)
13	322 637 R1	PACKING, hydraulic track adjuster (2)
14	322 641 R1	STUFFING, hydraulic track adjuster box (2) 1/2" hex. NUT (8) 1/2 x 2-1/2" hex-hd cap SCREW (8) 1/2" lock WASHER (8)
15	322 800 R11	ADJUSTER, hydraulic front idler (2) 3/4 x 2" hex-hd cap SCREW (8)

TRACK DRIVE

TRACK IDLER



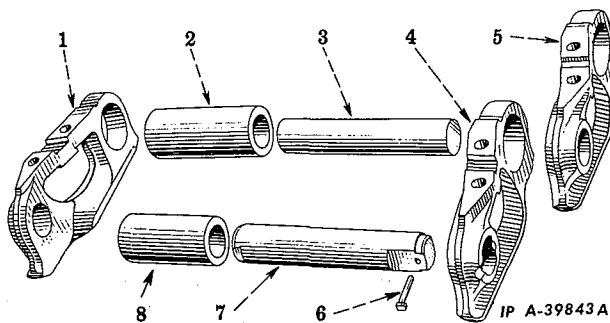
REF. NO.	I. H. PART NUMBER	DESCRIPTION
1	322 780 R11	IDLER ASSEMBLY, track (will work for 266 090 R91 and 307 463 R91) (4) (Composed of - 1 CAP 266 088 R2 1 GASKET 23 261 D 1 IDLER 322 780 R1 1 OIL SEAL 324 192 R91 1 PLUG 271 647 R1 1 SHAFT 307 464 R1 1 WASHER 307 465 R2)
2	307 464 R1	SHAFT, track idler (together with 307 465 R2 will work for 266 087 R1) (4)
4	18 100 D	OIL SEAL, track idler (4) (TD-150 501 to 4000, TD-151 4001 to 4990)
4	324 192 R91	OIL SEAL, track idler (4) (TD-151 4991 up)
5	6 873 DA	IDLER, track (order PACKAGE, 322 782 R91) (TD-150 501 to 4000, TD-151 4001 to 4990)
5	322 780 R1	IDLER, track (4) (TD-151 4991 up)

TRACK IDLER - CONTINUED

REF. NO.	I. H. PART NUMBER	DESCRIPTION
6	266 089 R1	WASHER, track idler thrust (4) (TD-150 501 to 1777)
6	307 465 R2	WASHER, track idler thrust (4) (TD-150 1778 to 4000) (TD-151 4001 up) 7/16NF x 1-1/4" hex-hd cap SCREW (8) 7/16" external-tooth lock WASHER (8)
7	23 261 D	GASKET, track idler cap (4)
8	266 088 R2	CAP, track idler (4) 1/2 x 1-1/2" hex-hd cap SCREW (12) 1/2" lock WASHER (12)
9	271 647 R1	PLUG, track idler cap pipe (4)
	322 782 R91	PACKAGE, track idler field service (consists of IDLER, 322 780 R1 and OIL SEAL, 324 192 R91) (X) (TD-150 501 to 4000, TD-151 4001 to 4990)
	49 734 D	WASHER, track idler felt (4) (TD-150 501 to 4000, TD-151 4001 to 4990)

(X) - As Required.

TRACK CHAIN (6 ROLLER) (TD-150 501 TO 3500) (NOT EXTENDED TRACK FRAME)



TRACK CHAIN (6 ROLLER) (TD-150 501 TO 3500) (NOT EXTENDED TRACK FRAME) - CONTINUED

REF. NO.	I. H. PART NUMBER	DESCRIPTION
1	263 955 R1	LINK, LH track (76)
2	263 959 R2	BUSHING, track link (76)
3	263 960 R1	PIN, track link (76)
4	263 957 R1	LINK, LH track master (2)
4	263 958 R1	LINK, RH track master (2)
5	263 956 R1	LINK, RH track (76)
6	263 945 R1	WIRE, track master link pin lock (2)
7	263 961 R1	PIN, track master link (2)
8	49 759 DA	BUSHING, track master link (2)
	272 859 R91	PACKAGE, track link bushing field service (Consists of two SPACER, 272 854 R1, BUSHING, 49 759 DA and PIN, 263 960 R1) (2)

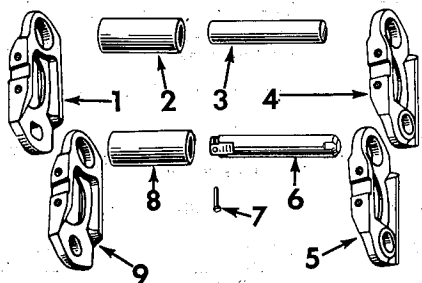
TRACK DRIVE

REF. NO.	I. H. PART NUMBER	DESCRIPTION
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TRACK CHAIN (6 ROLLER) (TD-150 501 TO 3500) (NOT EXTENDED TRACK FRAME) - CONTINUED

272 854 R1	SPACER, track master link bushing (used with PACKAGE, 272 859 R91 only) (4)	
263 966 R91	TRACK ASSEMBLY (one section) (less shoes) (2)	
	(Composed of -	
1	BUSHING	49 759 DA
38	BUSHING	263 959 R2
38	LINK	263 955 R1
38	LINK	263 956 R1
1	LINK	263 957 R1
1	LINK	263 958 R1
38	PIN	263 960 R1
1	PIN	263 961 R1
1	WIRE	263 945 R1)

TRACK CHAIN (6 ROLLER) (TD-150-3501 TO 4000) (TD-151-4001 UP) (NOT EXTENDED TRACK FRAME)



IPA-56272 A

REF. NO.	I. H. PART NUMBER	DESCRIPTION
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1	316 592 R1	LINK, RH master track (2)
2	316 593 R1	BUSHING, track link (76)
3	316 595 R1	PIN, track link (76)
4	316 591 R1	LINK, LH master track (2)
5	316 589 R1	LINK, LH track (76)
6	316 596 R1	PIN, track master link (2)
7	316 597 R1	WIRE, track master link pin lock (2)
8	316 594 R1	BUSHING, track master link (2)
9	316 590 R1	LINK, RH track (76)

318 841 R91	ATTACHMENT, track chain (with shoes) (16" clipped corner shoes) (*) (See NOTE 2)	
	(Composed of -	
156	BOLT	311 346 R1
1	CHAIN	316 587 R91
156	NUT	273 872 R1
39	SHOE	51 080 DD)

(*) - Above attachments service one side of tractors. Order two of any above attachments to service both sides of tractor.

NOTE 2 - Field Application - Order on Machine Order Form.

TRACK DRIVE

REF. NO.	I. H. PART NUMBER	DESCRIPTION
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TRACK CHAIN (6 ROLLER) (TD-150-3501 TO 4000) (TD-151-4001 UP) (NOT EXTENDED TRACK FRAME) - CONTINUED

318 842 R91	ATTACHMENT, track chain (with shoes) (18" clipped corner shoes) (*) (See NOTE 2)	
	(Composed of -	
156	BOLT	311 346 R1
1	CHAIN	316 587 R91
156	NUT	273 872 R1
39	SHOE	51 081 DD)
318 843 R91	ATTACHMENT, track chain (with shoes) (20" clipped corner shoes) (*) (See NOTE 2)	
	(Composed of -	
156	BOLT	311 346 R1
1	CHAIN	316 587 R91
156	NUT	273 872 R1
39	SHOE	51 083 DD)

314 974 R91	PACKAGE, track link bushing field service (consists of two SPACER, 316 600 R1, BUSHING, 316 594 R1 and PIN, 316 595 R1)	
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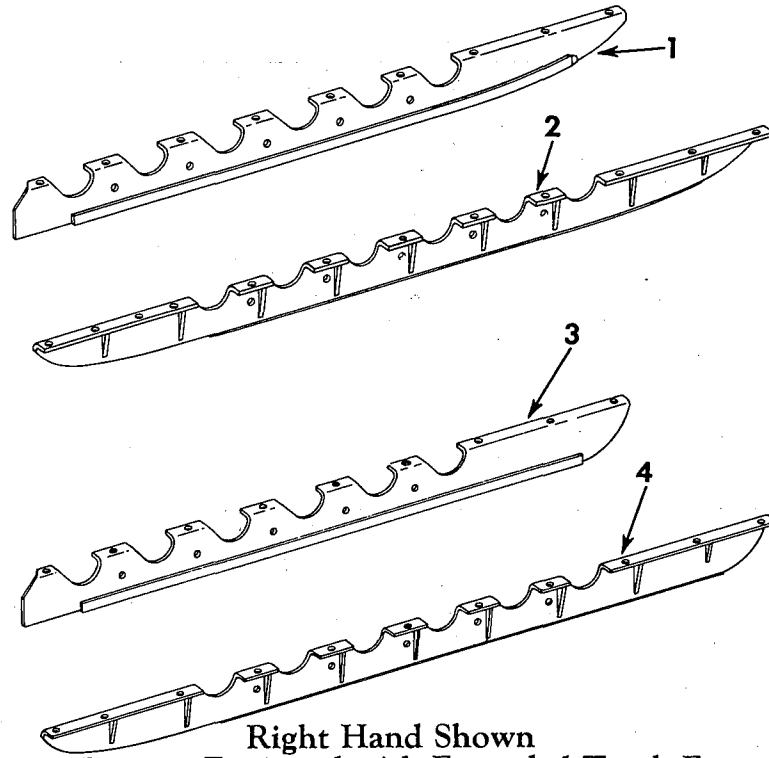
316 600 R1	SPACER, track master link bushing (used with PACKAGE, 314 974 R91 only) (2)	
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316 587 R91	TRACK, assembly (one section) (less shoes) (2)	
	(Composed of -	
38	BUSHING	316 593 R1
1	BUSHING	316 594 R1
38	LINK	316 589 R1
38	LINK	316 590 R1
1	LINK	316 591 R1
1	LINK	316 592 R1
38	PIN	316 595 R1
1	PIN	316 596 R1
1	WIRE	316 597 R1)



TRACK DRIVE

TRACK ROLLER SHIELD
(Heavy Duty) (TD-15-150 Series)



Right Hand Shown
For Tractors Equipped with Extended Track Frame
IPA-50811



TRACK DRIVE

TRACK ROLLER SHIELD - CONTINUED
(Heavy Duty) (TD-15 - 150 Series)

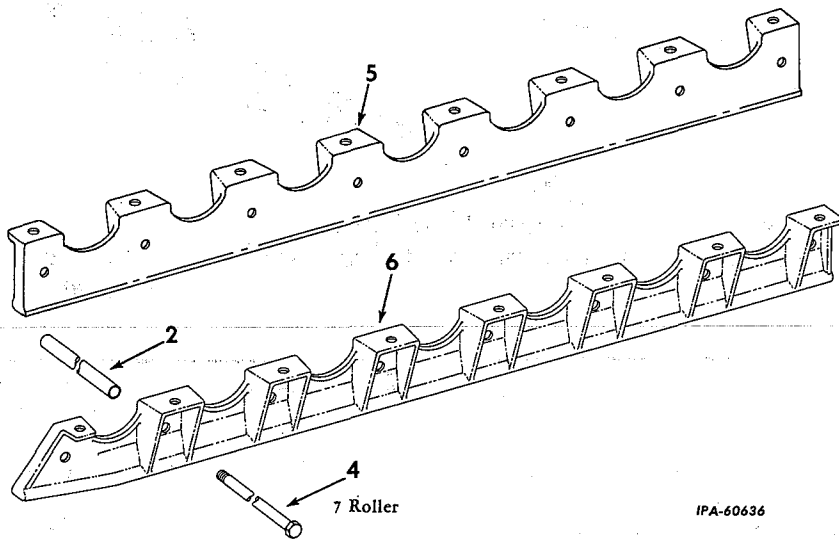
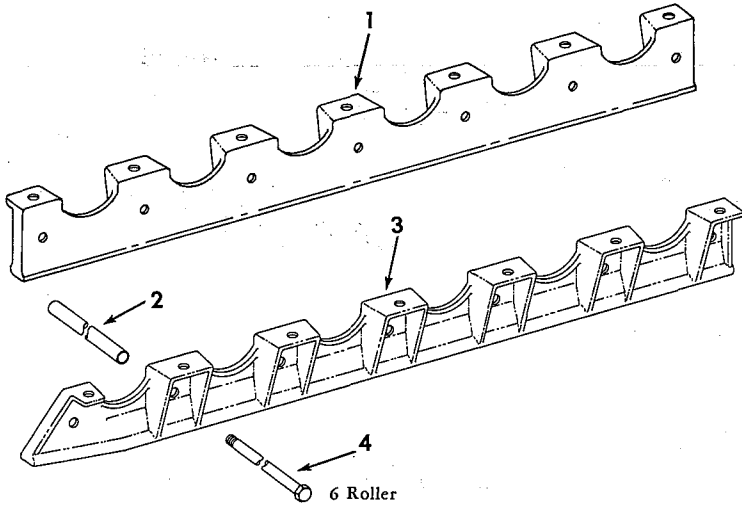
REF. NO.	I.H. PART NUMBER	DESCRIPTION
⊗		KEY TO UNITS
A -	268 251 R91	ATTACHMENT, track roller shield (See NOTE 3)
B -	303 691 R91	ATTACHMENT, track roller shield (Used on Extended track Frame) (See NOTE 3)
⊗		Letters of these units correspond with those shown following the description of the parts in the list below and identifies the unit for which the part is used. Items without letters after the description indicates the part is used for all units.
1	304 763 R11	SHIELD, LH inner track roller (Unit A) 3/4 x 1-1/2" hex-hd. cap SCREW (9) 3/4" lock WASHER (9)
1	304 764 R11	SHIELD, RH inner track roller (Unit A) 3/4 x 1-1/2" hex-hd. cap SCREW (9) 3/4" lock WASHER (9)
2	304 766 R11	SHIELD, LH outer track roller (Unit A) 3/4 x 1-1/2" hex-hd cap SCREW (12) 3/4" lock WASHER (12)

REF. NO.	I.H. PART NUMBER	DESCRIPTION
2	304 767 R11	SHIELD, RH outer track roller (Unit A) 3/4 x 1-1/2" hex-hd cap SCREW (12) 3/4" lock WASHER (12)
3	303 685 R11	SHIELD, LH inner track roller (Unit B) 3/4" x 1-1/2" hex-hd. cap SCREW (9) 3/4" lock WASHER (9)
3	303 686 R11	SHIELD, RH inner track roller (Unit B) 3/4 x 1-1/2" hex-hd. cap SCREW (9) 3/4" lock WASHER (9)
4	303 687 R11	SHIELD, LH outer track roller (Unit B) 3/4 x 1-1/2" hex-hd cap SCREW (11) 3/4" lock WASHER (11)
4	303 688 R11	SHIELD, RH outer track roller (Unit B) 3/4 x 1-1/2" hex-hd cap SCREW (11) 3/4" lock WASHER (11)
	281 463 R1	BOLT, track roller shield spacer (10)
		3/4" NUT (10)
	268 250 R1	SPACER, track roller shield (10)

NOTE 3 - Field Application - Order through Regular Service Parts Channels.

TRACK DRIVE

TRACK ROLLER SHIELD
(TD-15-151 Series)



IPA-60636

REF. NO.	I.H. PART NUMBER	DESCRIPTION
(X) - KEY TO UNITS		
A -	322 145 R91	ATTACHMENT, track roller shield (Used on units equipped with 6 roller track frames with track chain guides) (See NOTES 1 and 3)
B -	322 149 R91	ATTACHMENT, track roller shield (used on units equipped with 7 roller track frames with track chain guides) (See NOTES 1 and 3)
(X) - Letters of these units correspond with those shown following the description of the parts in the list below and identifies the unit for which the part is used. Items without letters after the description indicates the part is used for all units.		
1	322 460 R1	SHIELD, track roller outer LH (Unit A)
1	322 461 R1	SHIELD, track roller outer RH (Unit A) 3/4 x 1-1/2" hex-hd cap SCREW (14) 13/16 x 1-1/2 x .134" ga. WASHER (14)
2	268 250 R1	SPACER, track roller shield (14 for Unit A, 16 for Unit B)

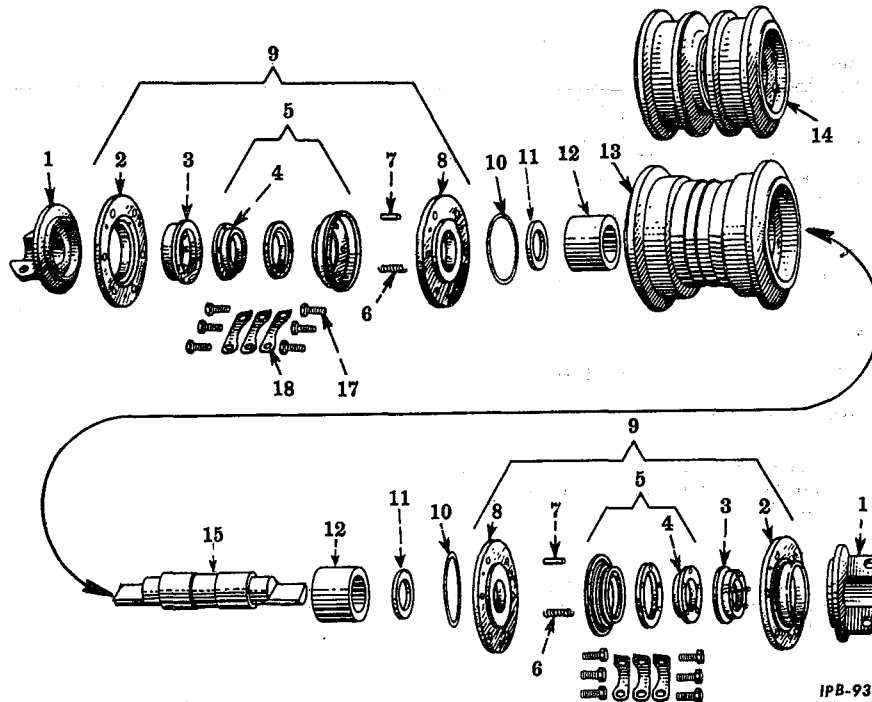
TRACK DRIVE

TRACK ROLLER SHIELD - CONTINUED
(TD-15-151 Series)

REF. NO.	I.H. PART NUMBER	DESCRIPTION
3	322 142 R1	SHIELD, LH track roller inner (Unit A)
3	322 143 R1	SHIELD, RH track roller inner (Unit A) 3/4 x 1-1/2" hex-hd cap SCREW (14) 13/16 x 1-1/2 x .134" ga. WASHER (14)
4	281 463 R1	BOLT, track roller shield spacer (14 for Unit A, 16 for Unit B)
5	322 148 R1	3/4NF NUT (14 for Unit A) (16 for Unit B) SHIELD, track roller outer (4 for Unit B) 3/4 x 1-1/2" hex-hd cap SCREW (16) 13/16 x 1-1/2 x .134" ga. WASHER (16)
6	322 146 R1	SHIELD, LH track roller inner (Unit B)
6	322 147 R1	SHIELD, RH track roller inner (Unit B) 3/4 x 1-1/2" hex-hd cap SCREW (16) 13/16 x 1-1/2 x .134" ga. WASHER (16)
NOTE 1 - Factory Application - Order on Machine Order Form.		
NOTE 3 - Field Application - Order through Regular Service Parts Channels.		

TRACK DRIVE

TRACK ROLLERS



REF. NO.	I. H. PART NUMBER	DESCRIPTION
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⊗ KEY TO UNITS

- A - Service parts for track rollers (for tractors with 6 roller oscillating track frame) (Standard) equipped with 4 double flange track rollers and 8 single flange track rollers.
(Double flange track roller position nos. 2 and 4)
(Single flange track roller position nos. 1, 3, 5 and 6)
- B - Service parts for track rollers (for tractors with 6 roller oscillating track frame) (Standard) equipped with 10 double flange track rollers and 2 single flange track rollers.
(Double flange track roller position nos. 1, 2, 3, 4 and 5)
(Single flange track roller position no. 6)
- C - Service parts for track rollers (for tractors with 6 roller rigid extended track frame used with Rigid track Loader Equipment Combination TD-15-420-0) equipped with 8 double flange track rollers and 4 single flange track rollers.
(Double flange track roller positions Nos. 1, 3, 4 and 6)
(Single flange track roller position nos. 2 and 5)
- D - Service parts for track rollers (for tractors with 6 roller rigid extended track frame used with Rigid Track Loader Equipment Combination TD-15-420-0) equipped with 12 double flange track rollers.
(Double flange track roller position nos. 1, 2, 3, 4, 5 and 6)
- E - Service parts for track rollers (for tractors with 6 roller rigid extended track frame used with Dual Welded Equipment combination, TD-15-600-0) equipped with 4 double flange track rollers and 8 single flange track rollers. (Double flange track roller position nos. 1 and 4) (Single flange track roller position nos. 2, 3, 5 and 6)

TRACK DRIVE

TRACK ROLLERS - CONTINUED

REF. NO.	I. H. PART NUMBER	DESCRIPTION
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- F - Service parts for track rollers (for tractors with 6 roller rigid extended track frame used with Dual Welded Equipment Combination, TD-15-600-0) equipped with 10 double flange track rollers and 2 single flange track rollers. (Double flange track roller position nos. 1, 2, 3, 4 and 5) (Single flange track roller position no. 6)

⊗ - Letters of these units correspond with those shown following the description of the parts in the list below and identifies the unit for which the part is used. Items without letters after the description indicates the part is used for all units.

- 1 268 306 R1 BRACKET, track roller shaft (24)
3/4 x 1-3/4" hex-hd. cap SCREW (48)
- 2 275 572 R1 HOUSING, track roller oil seal (24)
- 3 275 569 R1 PLATE, track roller and oil seal back (24)
- 4 275 568 R1 GASKET, track roller oil seal back (24)
- 5 275 570 R91 STATOR, rotor and back gasket track roller oil seal (24)
- 6 275 571 R1 SPRING, track roller oil seal (144)
- 7 275 573 R1 PIN, track roller oil seal anchor (72)
- 8 275 519 R2 RETAINER, track roller bushing (24)

TRACK DRIVE



REF. NO.	I. H. PART NUMBER	DESCRIPTION
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TRACK ROLLERS - CONTINUED

9	275 520 R91	OIL SEAL ASSEMBLY, track roller (24) (Composed of - 1 GASKET 275 568 R1 1 HOUSING 275 572 R1 3 PIN 275 573 R1 1 PLATE 275 569 R1 1 RETAINER 275 519 R1 6 SPRING 275 571 R1 1 STATOR 275 570 R91)
10	309 078 R1	"O" RING, 3-7/8 x 4-1/8 x 1/8" track roller sealing (will work for 259 246 R1) (24)
11	305 536 R1	WASHER, track roller thrust (24)
12	305 535 R1	BUSHING, track roller (standard) (24)
12	305 542 R1	BUSHING, track roller (.030" oversize) (24)
13	305 527 R91	ROLLER, w/two BUSHING, 305 535 R1, track (single flange) (8 for Unit A) (2 for Unit B) (4 for Unit C) (8 for Unit E) (2 for Unit F)
14	305 528 R91	ROLLER, w/two BUSHING, 305 535 R1, track (double flange) (4 for Unit A) (10 for Unit B) (8 for Unit C) (12 for Unit D) (4 for Unit E) (10 for Unit F)
15	305 533 R91	SHAFT, track roller (12)
16	268 996 R1	PLUG, track roller shaft lubricating (12)
17		SCREW, 7/16 x 1-3/8" track roller bushing retainer cap (144)
18	261 647 R1	PLATE, track roller bushing retainer cap screw lock (72) RIVET, 1/4 x 9/16" rd-hd long track roller oil seal (72)
305 525 R91		ROLLER and SHAFT ASSEMBLY, track (single flange) (8 for Unit A) (2 for Unit B) (4 for Unit C) (8 for Unit E) (2 for Unit F) (Composed of - 6 PLATE 261 647 R1 1 PLUG 268 996 R1 2 RING 309 078 R1 1 ROLLER 305 527 R91 2 SEAL 275 520 R91 1 SHAFT 305 533 R91 2 WASHER 305 536 R1)
305 526 R91		ROLLER and SHAFT ASSEMBLY, track (double flange) (4 for Unit A) (10 for Unit B) (8 for Unit C) (12 for Unit D) (4 for Unit E) (10 for Unit F) (Composed of - 6 PLATE 261 647 R1 1 PLUG 268 996 R1 2 RING 309 078 R1 1 ROLLER 305 528 R91 2 SEAL 275 520 R91 1 SHAFT 305 533 R91 2 WASHER 305 536 R1)

MEMORANDUM





TRACK DRIVE

-111-

RIGID EXTENDED TRACK FRAME



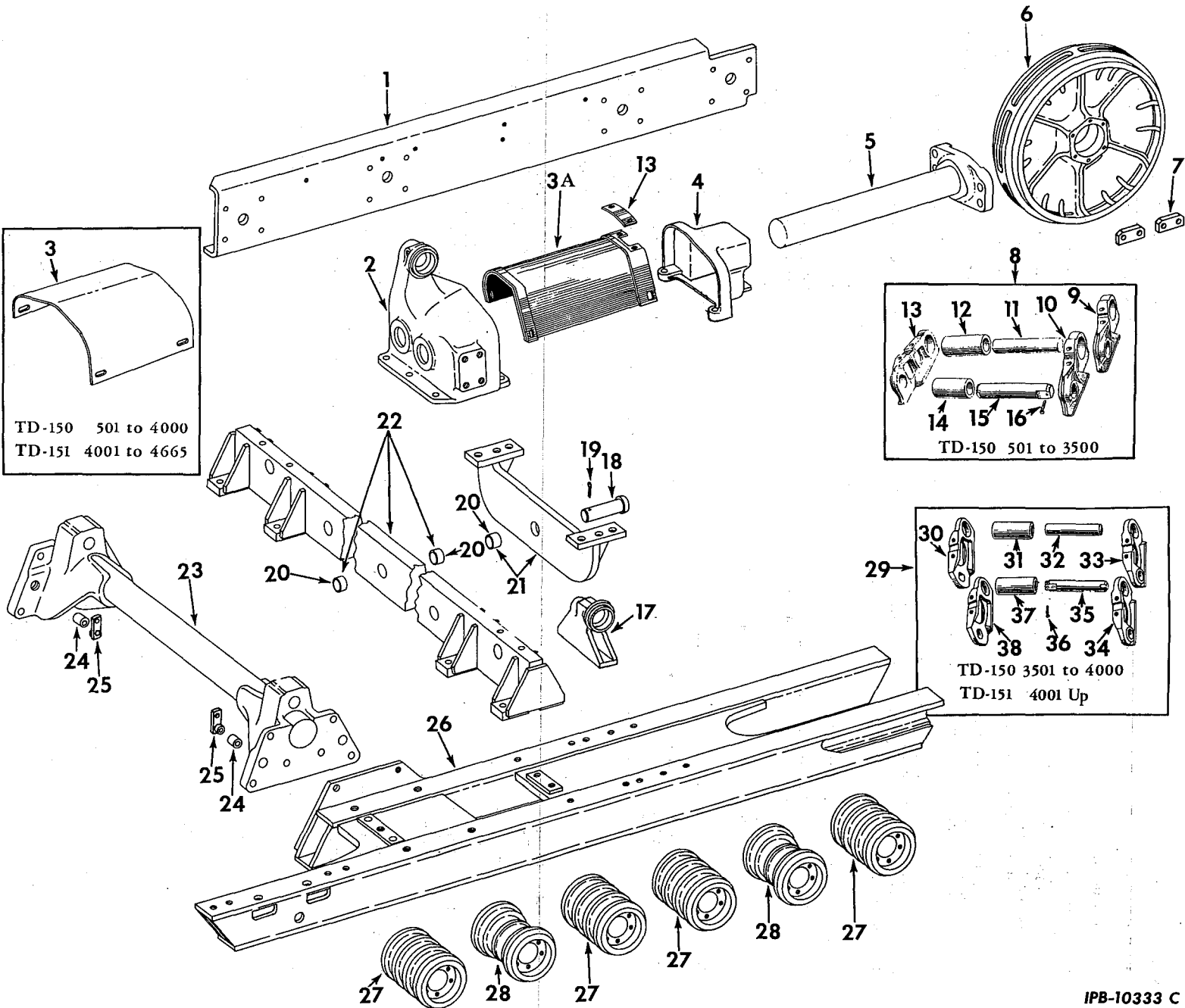
TRACK DRIVE

-111-

RIGID EXTENDED TRACK FRAME - CONTINUED

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IPB-10333 C

TRACK DRIVE

REF. NO.	I. H. PART NUMBER	DESCRIPTION
RIGID EXTENDED TRACK FRAME - CONTINUED		
(X) - KEY TO UNITS -		
A - Service parts for Rigid Extended (6) Roller Track Frame used on Rigid Track Loader Equipment Combination TD-15-420-2 (TD-15-150 Series).		
B - Service parts for Rigid Extended (6) Roller Track Frame used on Side Boom Equipment Combinations TD-15-500-1, TD-15-502-1 or TD-15-504-2, Dual Welded Equipment Combination TD-15-600-1 and Back Filler Equipment Combination TD-15-700-0.		
C - Service parts for Rigid Extended (7) Roller Track Frame used on Rigid Track Loader Equipment Combination TD-15-420-2 (TD-15-151 Series).		
(X) - Letters of these units correspond with those shown following the description of the parts in the list below and identifies the unit for which the part is used. Items without letters after the description indicates the part is used for all units.		
1	304 557 R91	CHANNEL, LH main frame side
1	304 558 R91	CHANNEL, RH main frame side 7/8 x 2-1/4" hex-hd cap SCREW (16)
2	275 461 R21	RETAINER, LH rear track spring (Unit A and C)
2	275 462 R21	RETAINER, RH rear track spring (Unit A and C)
	272 527 R1 106 623	BOLT, rear track spring retainer (5) CORK (No. 8) (7/8 x 1-1/16" long) (12) 5/8NF NUT 5/8 x 3-1/2" hex-hd. cap SCREW
3	59 545 DX	GUARD, LH track spring TD-150 501 to 4000, TD-151 4001 to 4665
3	59 546 DX	GUARD, RH track spring TD-150 501 to 4000, TD-151 4001 to 4665
4	273 560 R1	SUPPORT, LH front track spring adjusting rod
4	273 561 R1	SUPPORT, RH front track spring adjusting rod 5/8 x 1-1/2" hex-hd cap SCREW (8)
5	279 965 R1	ADJUSTER, front idler (2) TD-150 501 to 4000, TD-151 4001 to 4665
5	322 801 R11	ADJUSTER, hydraulic front idler (TD-151 4666 up) (2 for Unit B)
5	322 801 R11	ADJUSTER, hydraulic front idler (TD-151 4666 up) (2 for Unit C)
6	272 137 R2	IDLER, front (2) 3/4 x 2-3/4" hex-hd cap SCREW (8)
7	273 478 R1	SPACER, front idler guide (4) (TD-150 501 to 4000, TD-151 4001 to 4665)
8	279 970 R91	TRACK ASSEMBLY (one section) (less shoes) (2) (TD-150 501 to 3500) (Composed of - 1 BUSHING 49 759 DA 41 BUSHING 263 959 R2 41 LINK 263 955 R1 41 LINK 263 956 R1 1 LINK 263 957 R1 1 LINK 263 958 R1 1 LOCKWIRE 263 945 R1 41 PIN 263 960 R1 1 PIN 263 961 R1)

TRACK DRIVE

REF. NO.	I. H. PART NUMBER	DESCRIPTION
RIGID EXTENDED TRACK FRAME - CONTINUED		
9	263 956 R1	LINK, RH track (82) (TD-150 501 to 3500)
10	263 957 R1	LINK, LH track master (2) (TD-150 501 to 3500)
10	263 958 R1	LINK RH track master (2) (TD-150 501 to 3500)
11	263 960 R1	PIN, track link (82) (TD-150 501 to 3500)
12	263 959 R2	BUSHING, track link (82) (TD-150 501 to 3500)
13	263 955 R1	LINK, LH track (82) (TD-150 501 to 3500)
14	49 759 DA	BUSHING, track master link (2) (TD-150 501 to 3500)
15	263 961 R1	PIN, track master link (2) (TD-150 501 to 3500)
16	263 945 R1	LOCKWIRE, track master link pin (2) (TD-150 501 to 3500)
17	273 559 R1	SUPPORT, front track idler (2) 5/8NF NUT (2) 7/8 x 1-3/4" hex-hd. cap SCREW (4) 5/8 x 3-1/2" hex-hd. cap SCREW (2)
18	275 460 R2	PIN, chassis support (Unit A and C) (Unit B-150 501 to 2245)
19		PIN, 3/8 x 2-1/2" cotter (chassis support) (Unit A and C) (Unit B-TD-150 501 to 2245)
20	278 803 R1	BEARING, front rigid cross bar (2 for Unit A and C) (2 for Unit B-TD-150 501 to 2245)
20	278 803 R1	BEARING, chassis support (Unit A and C) (Unit B-TD-150 501 to 2245)
21	277 777 R11	SUPPORT w/BEARING, 278 803 R1, chassis (Unit A and C) (Unit B-TD-150 501 to 2245) 3/4 x 1-3/4" hex-hd cap SCREW (6)
22	273 556 R13	CROSSBAR w/two BEARING, 278 803 R1, front rigid (Unit A and C) (Unit B-TD-150 501 to 2245) 1 x 3-1/4" hex-hd. cap SCREW (16)
22	311 141 R91	CROSSBAR, rigid (Unit B -TD-150-2246 up) 1 x 3-1/4" hex-hd cap SCREW (16)
23	275 452 R12	CROSSBAR, rear (Unit A and C) 1" NUT (2) 1 x 3-1/4" hex-hd. cap SCREW (6) 1 x 2" hex-hd. cap SCREW (6)
24	273 548 R1	DOWEL, rear crossbar support (4 for Unit A and C)
25	273 555 R11	PLATE, rear crossbar support dowel retainer (4 for Unit A and C) 5/8 x 2" hex-hd. cap SCREW (4) 1/2 x 1-1/4" hex-hd cap SCREW (4) 1/2" lock WASHER (4)
26	307 178 R92	FRAME, LH track (Unit B)
26	307 179 R92	FRAME, RH track (Unit B)
26	322 127 R91	FRAME, LH track (together with ROLLER, 305 525 R91 and two BRACKET, 268 306 R1, will work for 279 944 R91) (Units A and C)
26	322 128 R91	FRAME, RH track (together with ROLLER, 305 525 R91 and two BRACKET, 268 306 R1 will work for 279 945 R91) (Units A and C)



TRACK DRIVE



MEMORANDUM

REF. NO.	I. H. PART NUMBER	DESCRIPTION
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RIGID EXTENDED TRACK FRAME - CONTINUED

27	305 526 R91	ROLLER and SHAFT ASSEMBLY, track (double flange) (See NOTE) (8 for Unit A and C) (4 for Unit B)
28	305 525 R91	ROLLER and SHAFT ASSEMBLY, track (single flange) (See NOTE) (4 for Unit A) (8 for Unit B) (6 for Unit C)
29	316 588 R91	TRACK ASSEMBLY (one section) (less shoes) (2) (TD-150-3501 to 4000) (TD-151 4001 up) (Composed of - 41 BUSHING 316 593 R1 1 BUSHING 316 594 R1 41 LINK 316 589 R1 41 LINK 316 590 R1 1 LINK 316 591 R1 1 LINK 316 592 R1 41 PIN 316 595 R1 1 PIN 316 596 R1 1 WIRE 316 597 R1)
30	316 592 R1	LINK, RH master track (2) (TD-150-3501 to 4000) (TD-151 4001 up)
31	316 593 R1	BUSHING, track link (82) (TD-150-3501 to 4000) (TD-151 4001 up)
32	316 595 R1	PIN, track link (82) (TD-150-3501 to 4000) (TD-151 4001 up)
33	316 591 R1	LINK, LH master track (2) (TD-150-3501 to 4000) (TD-151 4001 up)
34	316 589 R1	LINK, LH track (82) (TD-150-3501 to 4000) (TD-151 4001 up)
35	316 596 R1	PIN, track master link (2) (TD-150-3501 to 4000) (TD-151 4001 up)
36	316 597 R1	WIRE, track master link pin lock (2) (TD-150-3501 to 4000) (TD-151 4001 up)
37	316 594 R1	BUSHING, track master link (2) (TD-150-3501 to 4000) (TD-151 4001 up)
38	316 590 R1	LINK, RH track (82) (TD-150-3501 to 4000) (TD-151 4001 up)
	318 844 R91	ATTACHMENT, track chain (with shoes) (18" overlapping flat low profile - 3 grouser) (*) (See NOTE 2) (Composed of - 168 BOLT 311 346 R1 1 CHAIN 316 588 R91 168 NUT 273 872 R1 42 SHOE 277 512 R1)
	314 974 R91	PACKAGE, track link bushing field service (consists of two SPACER, 316 600 R1, BUSHING, 316 594 R1 and PIN, 316 595 R1) (TD-150-3501 to 4000) (TD-151 4001 up)
	316 600 R1	SPACER, track master link bushing (used with PACKAGE, 314 974 R91 only) (2) (TD-150-3501 to 4000) (TD-151 4001 up)
	307 396 R1	STUD, rigid crossbar (2 for Unit B-TD-150-2246 to 4000) (TD-151 4001 up) 3/4NF NUT (4) 3/4NF x 1-3/4" hex-hd cap SCREW (4)

NOTE - For illustration and components see list of parts under heading "Track Roller" in track drive section of this catalog.

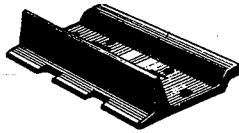
(*) - Above attachment services one side of tractors. Order two of the above attachment to service both sides of tractor.

NOTE 2 - Field Application - Order on Machine Order Form.

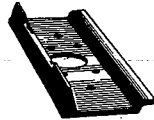
TRACK DRIVE



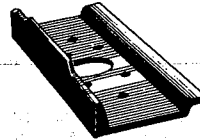
TRACK SHOES



Square corner shoe



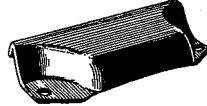
End lug ice grouser and snow shoe



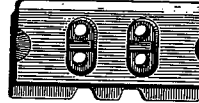
Center lug ice grouser and snow shoe



Clipped corner shoe



Street plate



Overlapping flat shoe (16")



Overlapping flat shoe (18")

IPB-10315 A

TRACK DRIVE



TRACK SHOES - CONTINUED

ATTACHMENT NUMBER	DESCRIPTION
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SQUARE CORNER

255 835 R91	SHOE SET, track (16" track shoe 49 766 DC) (78)
255 836 R91	SHOE SET, track (18" track shoe 51 074 DC) (78)
255 837 R91	SHOE SET, track (20" track shoe 51 076 DC) (78)
255 838 R91	SHOE SET, track (22" track shoe 51 078 DC) (78)
307 202 R11	SHOE SET, track (18" track shoe 51 074 DC) (84) (Ⓣ)
307 203 R91	SHOE SET, track (20" track shoe 51 076 DC) (84) (Ⓣ)
307 204 R91	SHOE SET, track (22" track shoe 51 078 DC) (84) (Ⓣ)
314 155 R91	SHOE SET, track (24" track shoe 261 442 R1) (84) (†)
311 346 R1	Included with the above SCREW, track shoe cap (will work for 49 762 DA) (312)
273 872 R1	NUT, track shoe cap screw (hex type) (312) (⊗)

OVERLAPPING (Flat Shoe)

304 237 R91	SHOE SET, overlapping track (16" track shoe 9 156 DB) (84) (Ⓞ)
304 243 R91	SHOE SET, overlapping low straight type grouser track (18" track shoe 258 877 R1) (84) (Ⓞ)
304 244 R91	SHOE SET, overlapping low profile 3 grouser (18" track shoe 277 512 R1) (84) (Ⓞ)
	Included with the above
311 346 R1	SCREW, track shoe cap (will work for 49 762 DA) (312)
273 872 R1	NUT, track shoe cap screw (hex type) (312) (⊗)

STAGGERED LUG ICE GROUSER AND SNOW SHOE

255 880 R91	SHOE SET, track (center lug) (16" track shoe 57 185 DA) (39)
255 880 R91	SHOE SET, track (end lug) (16" track shoe 57 186 DA) (39)
255 881 R91	SHOE SET, track (center lug) (18" track shoe 57 187 DA) (39)
255 881 R91	SHOE SET, track (end lug) (18" track shoe 57 188 DA) (39)
	Included with the above
311 346 R1	SCREW, track shoe cap (will work for 49 762 DA) (312)
273 872 R1	NUT, track shoe cap screw (hex type) (312) (⊗)

ATTACHMENT NUMBER	DESCRIPTION
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CLIPPED CORNER

257 729 R92	SHOE SET, track (standard) (16" track shoe 51 080 DD) (78) (⊗)
257 730 R92	SHOE SET, track (18" track shoe 51 081 DD) (78)
257 731 R92	SHOE SET, track (wide tread) (20" track shoe 51 083 DD) (78)
257 732 R92	SHOE SET, track (wide tread) (22" track shoe 51 085 DD) (78)
304 236 R91	SHOE SET, track (18" track shoe 51 081 DD) (84) (Ⓞ)
307 200 R91	SHOE SET, track (20" track shoe 51 083 DD) (84) (Ⓣ)
307 201 R91	SHOE SET, track (22" track shoe 51 085 DD) (84) (Ⓣ)
314 100 R91	SHOE SET, track (24" track shoe 261 443 R2) (84) (Ⓣ)
311 346 R1	Included with the above SCREW, track shoe cap (will work for 49 762 DA) (312)
273 872 R1	NUT, track shoe cap screw (hex type) (312) (⊗)

STREET PLATE

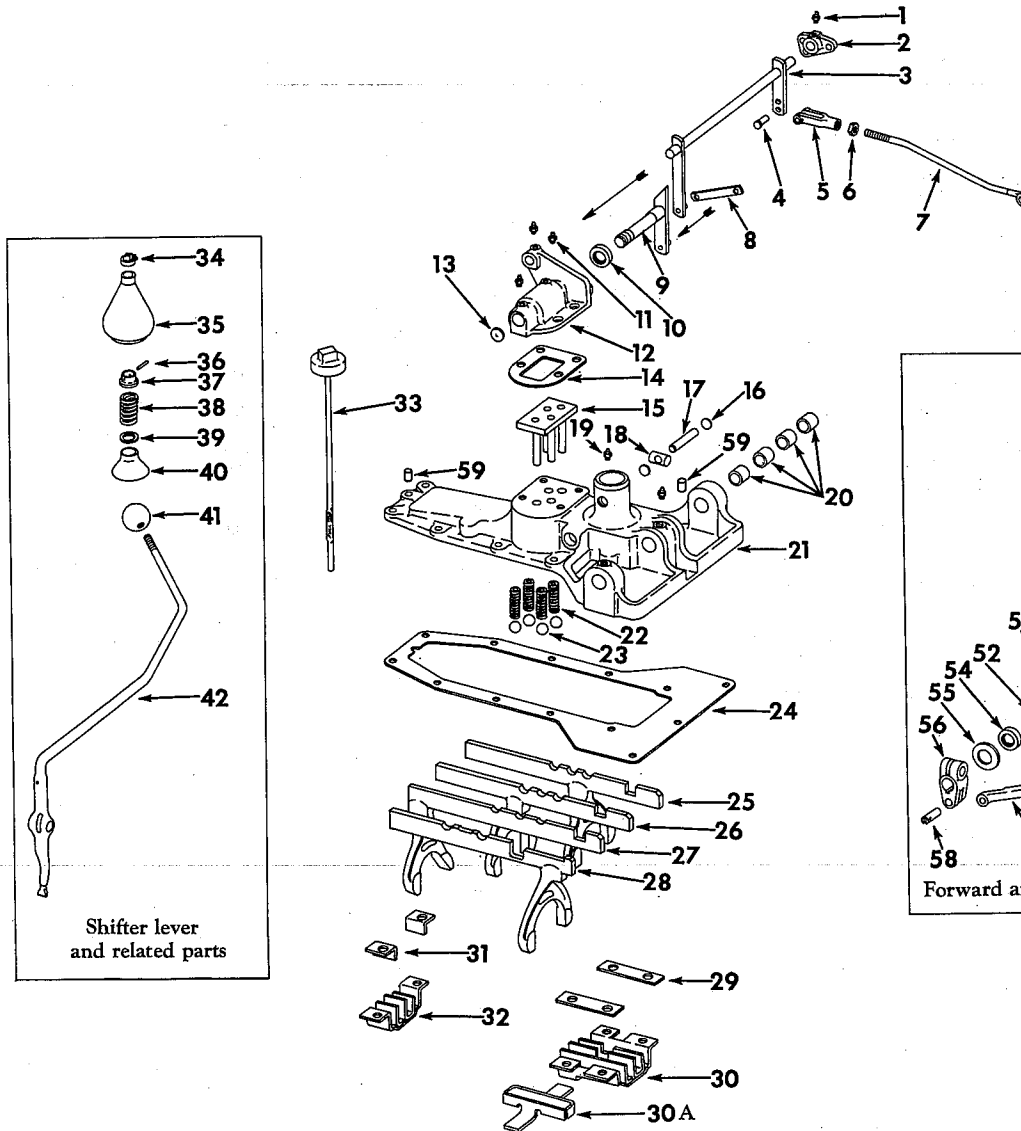
(Used with Square Corner, Clipped Corner and Staggered Lug Ice and Snow Shoe)

255 840 R92	PLATE SET, street (half set) (13-1/2" track shoe 57 641 DA) (38)
	SCREW, 3/4NF x 1-1/2" hex-hd. cap (76)
	NUT, 3/4NF (76)

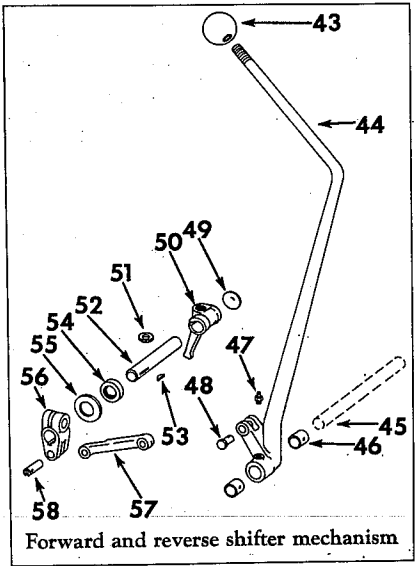
(Ⓣ) For Side Boom Equipment Combination
 (Ⓞ) - For Rigid Track Loader Equipment Combination
 (⊗) - Square type track shoe bolt Nut 261 968 R1 is also available for service in place of hex type 273 872 R1.

TRANSMISSION

GEAR SHIFTER MECHANISM - FULL REVERSE TRANSMISSION



Shifter lever and related parts



Forward and reverse shifter mechanism

IPB-10222A

REF. NO.	I. H. PART NUMBER	DESCRIPTION
1	109 462	FITTING, lubrication, gear shifter lockshaft (Lincoln No. 5400) (optional with 271 285)
1	271 285	FITTING, lubrication, gear shifter lockshaft (Alemite No. 1613-B) (optional with 109 462)
2	9 783 DA	BRACKET, gear shifter lockshaft 3/8 x 1" hex-hd. cap SCREW (2) 3/8" lock WASHER (2)
3	272 440 R11	SHAFT, gear shifter lock 3/32 x 3/4" cotter PIN
4	103 497	PIN, gear shifter lockshaft rod yoke 3/32 x 3/4" cotter PIN
5	117 825	CLEVIS, gear shifter lockshaft rod
6		NUT, 7/16"NF
7	272 311 R11	ROD, gear shifter lockshaft connecting
8	272 310 R1	LINK, gear shifter lockshaft to lock camshaft

TRANSMISSION

GEAR SHIFTER MECHANISM - FULL REVERSE TRANSMISSION - CONTINUED

REF. NO.	I. H. PART NUMBER	DESCRIPTION
9	279 507 R11	CAMSHAFT, gear shifter lock 3/32 x 3/4" cotter PIN
10	19 707 D	OIL SEAL, gear shifter lock cam
11	138 322 H	FITTING, lubrication gear shifter lock camshaft (Alemite No. 1610-BL) (optional with 109 461) (3)
11	109 461	FITTING, lubrication gear shifter lock camshaft (Lincoln No. 5000) (optional with 138 322 H) (3)
12	318 852 R1	HOUSING, gear shifter lock cam (TD-150-3561 to 4000, TD-151-4001 up)
12	279 506 R1	HOUSING, gear shifter lock cam (TD-150-501 to 3560) 3/8 x 1" hex-hd cap SCREW (2) 3/8 x 2-1/4" hex-hd cap SCREW (2) 3/8" lock WASHER (4) 1/4 x 3/8" hex-soc. cap SCREW



TRANSMISSION

REF. NO.	I. H. PART NUMBER	DESCRIPTION
GEAR SHIFTER MECHANISM - FULL REVERSE		
TRANSMISSION - CONTINUED		
13	172 545	PLUG, gear shifter lock camshaft expansion (1")
14	318 853 R1	GASKET, gear shifter lock cam housing (TD-150-3561 to 4000) (TD-151-4001 up)
14	279 503 R1	GASKET, gear shifter lock cam housing (TD-150-501 to 3560)
15	279 504 R11	PLATE, gear shifter lock pin
16	172 529	PLUG, gear shifter lever swivel shaft expansion (5/8") (2)
17	256 919 R1	SHAFT, gear shift lever swivel (small)
18	256 918 R1	SHAFT, gear shift lever swivel (large)
19	126 152	FITTING, gear shifter housing bushing lubricator (Lincoln No. 5200) (optional with 271 283) (2)
19	271 283	FITTING, gear shifter housing bushing lubricator (Alemite No. 1688-B) (optional with 126 152) (2)
20	272 301 R1	BUSHING, gear shifter housing (4)
21	318 851 R31	HOUSING w/four BUSHING, 272 301 R1 gear shifter (TD-150-3561 to 4000) (TD-151-4001 up)
21	279 500 R11	HOUSING w/four BUSHING, 272 301 R1 gear shifter (TD-150-501 to 3560) 3/8 x 1" hex-hd. cap SCREW (6) 1/2 x 1-1/2" hex-hd. cap SCREW (6) 3/8" lock WASHER (6) 1/2" lock WASHER (6)
22	269 908 R1	SPRING, gear shifter rail poppet ball (4) (TD-150-3561 to 4000) (TD-151-4001 up)
22	69 069 D	SPRING, gear shifter rail poppet ball (4) (TD-150-501 to 3560)
23	31 326 H	BALL, gear shifter rail poppet (4)
24	279 502 R2	GASKET, gear shifter housing
25	279 895 R91	RAIL and FORK, fifth and sixth gear shifter
26	279 892 R91	RAIL and FORK, third and fourth gear shifter
27	279 889 R91	RAIL and FORK, first and second gear shifter
28	331 387 R91	RAIL and FORK, forward and reverse gear shifter (not used on backfiller crawler tractor TD-15-700-0) (TD-150-501 to 3655)
28	279 886 R95	RAIL and FORK, forward and reverse gear shifter (not used on backfiller crawler tractor TD-15-700-0) (TD-150-3656 to 4000) (TD-151-4001 up)
29	62 781 D	LOCK, gear shift rail guide front support bolt (2)
30	279 881 R22	SUPPORT, front gear shifter rail guide 3/8 x 3/4" hex-hd. cap SCREW (4)
30A	322 550 R91	LOCK, gear shifter rail (TD-150-3656 to 4000) (TD-151-4001 up)
31	279 523 R1	LOCK, gear shifter rail guide rear support bolt (2)
32	306 704 R11	SUPPORT, rear gear shifter rail guide
33	276 800 R11	ROD, transmission oil level
34	64 604 D	CLAMP, gear shifter boot
35	64 603 DA	BOOT, gear shifter
36	104 073	RIVET, 3/16 x 1-1/4" b-hd. small solid



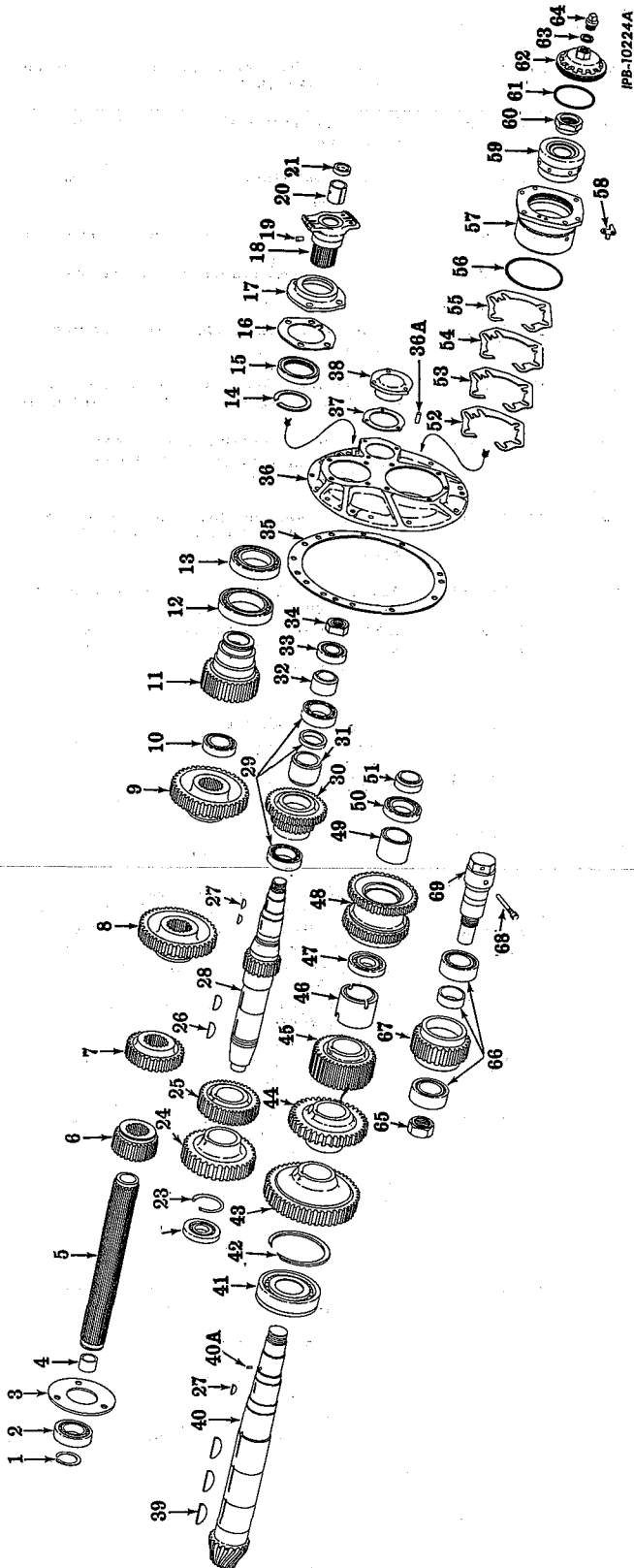
TRANSMISSION

REF. NO.	I. H. PART NUMBER	DESCRIPTION
GEAR SHIFTER MECHANISM-FULL REVERSE		
TRANSMISSION - CONTINUED		
37	11 373 D	STOP, upper gear shifter swivel housing shield spring
38	29 547 D	SPRING, gear shifter swivel housing shield
39	17 700 D	STOP, lower gear shifter swivel housing shield spring
40	355 889 R2	SHIELD, gear shifter swivel housing
41	264 055 R2	BALL, gear shift lever
42	318 857 R2	LEVER, gear shift (TD-150-3561 to 4000) (TD-151-4001 up)
42	303 393 R1	LEVER, gear shift (TD-150-501 to 3560)
43	264 055 R2	BALL, forward and reverse gear shift lever
44	279 515 R11	LEVER w/two BUSHING, 272 301 R1, forward and reverse gear shifter hand (not used on Rigid Track Loader Crawler Tractors TD-15-420-2)
45	272 248 R4	SHAFT, steering clutch hand lever (also listed with steering clutch controls)
46	272 301 R1	BUSHING, forward and reverse gear shift hand lever (2)
47	109 462	FITTING, forward and reverse shift lever shaft lubrication (Lincoln No. 5400) (optional with 271 285)
47	271 285	FITTING, forward and reverse shift lever shaft lubrication (Alemite No. 1613-B) (optional with 109 462)
48	103 498	PIN, forward and reverse gear shift lever 1/8 x 3/4" cotter PIN
49	172 545	PLUG, gear shifter arm shaft 1" expansion
50	318 854 R1	ARM, forward and reverse gear shifter (TD-150-3561 to 4000) (TD-151-4001 up)
50	279 510 R1	ARM, forward and reverse gear shifter (TD-150-501 to 3560) 1/2NF x 1-1/4" hex-hd. cap SCREW 1/2" lock WASHER
51	64 608 D	KEY, forward and reverse gear shifter
52	318 855 R1	SHAFT, forward and reverse gear shifter arm (TD-150-3561 to 4000) (TD-151-4001 up)
52	279 511 R1	SHAFT, forward and reverse gear shifter arm (TD-150-501 to 3560)
53	106 751	KEY, forward and reverse shifter crank (Woodruff No. 9-3/16 x 3/4")
54	19 707 D	OIL SEAL, forward and reverse gear shifter arm shaft
55	64 609 D	WASHER, forward and reverse gear shifter arm shaft
56	279 512 R1	CRANK, forward and reverse shifter 1/2NF x 2" hex-hd. cap SCREW 1/2"NF NUT 1/2" lock WASHER
57	318 856 R1	LINK, forward and reverse shifter (TD-150-3561 to 4000) (TD-151-4001 up)
57	279 513 R1	LINK, forward and reverse shifter (TD-150-501 to 3560)
58	279 514 R1	PIN, forward and reverse shifter crank 1/8 x 1-3/8" cotter PIN
59	279 501 R1	DOWEL, gear shifter housing (2)



TRANSMISSION

FULL REVERSE TRANSMISSION



TRANSMISSION

REF. NO.	I. H. PART NUMBER	DESCRIPTION
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FULL REVERSE TRANSMISSION - CONTINUED

1	40 888 D	RING, rear transmission spline shaft bearing, snap
2	279 454 R91	BEARING, rear transmission spline shaft (TD-150 501 to 3500)
2	319 973 R91	BEARING, rear transmission spline shaft (TD-150-3501 to 4000) (TD-151-4001 up)
3	279 548 R1	RETAINER, transmission spline shaft rear bearing 3/8 x 7/8" hex.-hd. cap SCREW (3) 3/8" lock WASHER (3)
4	50 025 D	BUSHING, power take-off shaft
5	279 902 R11	SHAFT w/BUSHING, 50 025 D, transmission spline (TD-150 501 to 3500)
5	320 386 R11	SHAFT w/BUSHING, 50 025 D, transmission spline (not used on Backfiller Crawler Tractors TD-15-700-0) (TD-150 3501 to 4000) (TD-151 4001 up)
6	279 903 R2	GEAR, first and second speed sliding (21T)
7	279 904 R2	GEAR, third and fourth speed sliding (29T)
8	279 905 R1	GEAR, fifth and sixth speed sliding (37T)
9	279 906 R1	GEAR, forward and reverse sliding (38T)
10	279 769 R91	BEARING, front transmission spline shaft
11	279 907 R2	SHAFT, transmission drive (28 T)
12	279 975 R92	BEARING, rear transmission drive shaft and gear
13	279 766 R91	BEARING, front transmission drive shaft and gear
14	279 908 R1	RING, front transmission drive shaft and gear snap
15	310 509 R91	OIL SEAL, transmission drive yoke (will work for 279 493 R92 and 310 523 R91)
16	279 913 R1	GASKET, transmission drive yoke oil seal housing
17	279 912 R1	HOUSING, transmission drive yoke oil seal 3/8 x 1" hex.-hd. cap SCREW (4) 3/8" lock WASHER (4)
18	279 909 R2	YOKE, transmission drive
19	279 911 R2	PIN, transmission drive gear and yoke lock
20	279 910 R1	SLEEVE, transmission drive yoke
21	58 530 D	PLUG, transmission drive yoke
22	279 774 R91	BEARING, rear intermediate shaft
23	279 917 R1	RING, intermediate shaft snap
24	279 915 R1	GEAR, second speed (38 T)
25	279 916 R1	GEAR, fourth speed (30 T)
26	307 484 R1	KEY, second speed gear (will work for 452 566)
26	307 484 R1	KEY, fourth speed gear (will work for 452 566)
27	106 751	KEY, intermediate shaft bearing spacer (Woodruff No. 9) (3/16 x 3/4") (2)
28	320 380 R1	SHAFT w/GEAR, intermediate sixth speed (22 T) (TD-150 to 4000) (TD-151-4001 up)
28	279 914 R1	SHAFT w/GEAR, intermediate sixth speed (22 T) (TD-150 501 to 3500) (order the following parts - 1 BEARING 321 165 R91 1 GEAR 320 381 R1 1 KEY 106 751 1 SHAFT 320 380 R1 1 SPACER 320 383 R1 1 SPACER 320 385 R1)
29	279 767 R91	BEARING, rear intermediate shaft idler gear (TD-150 501 to 3500)
29	ST 649	BEARING, front, intermediate shaft idler gear (TD-150 501 to 3500)
29	321 165 R91	BEARING, intermediate shaft idler gear (TD-150-3501 to 4000) (TD-151-4001 up)
30	320 381 R1	GEAR, intermediate shaft idler (21 T - 31 T) (TD-150-3501 to 4000) (TD-151-4001 up)
30	279 918 R1	GEAR, intermediate shaft idler gear (21 T - 31 T) (TD-150 501 to 3500) (order the following parts - 1 BEARING 321 165 R91 1 GEAR 320 381 R1 1 KEY 106 751 1 SHAFT 320 380 R1 1 SPACER 320 383 R1 1 SPACER 320 385 R1)

TRANSMISSION

REF. NO.	I. H. PART NUMBER	DESCRIPTION
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FULL REVERSE TRANSMISSION - CONTINUED

31	320 383 R1	SPACER, intermediate shaft idler gear (TD-150-3500 to 4000) (TD-151-4001 up)
32	279 919 R1	SPACER, intermediate shaft bearing
33	ST 214	BEARING, front intermediate shaft (TD-150 501 to 3500)
33	321 167 R91	BEARING, front intermediate shaft (TD-150-3501 to 4000) (TD-151-4001 up)
34	279 920 R1	NUT, intermediate shaft
35	279 927 R1	GASKET, transmission end cover
36	322 049 R1	COVER, transmission end (TD-151-4001 up)
36	279 928 R1	COVER, transmission end (TD-150-501 to 4000)
	279 991 R1	SCREW, 1/2 x 1-1/2" hex-hd. cap (6) 1/2" NUT (4)
36A	18 585 DA	DOWEL, transmission end cover pin
37	279 922 R1	GASKET, intermediate shaft end cover
38	320 382 R1	COVER, intermediate shaft end (TD-150-3501 to 4000) (TD-151-4001 up)
38	279 921 R1	COVER, intermediate shaft end (TD-150 501 to 3500) 3/8 x 1" hex-hd. cap SCREW (3) 3/8" lock WASHER (3)
39	279 540 R1	KEY, first speed gear
39	279 540 R1	KEY, fifth speed gear
39	279 540 R1	KEY, third speed gear
39A	103 462	KEY, bevel pinnion shaft idler gear bearing spacer (Woodruff No. 13) (3/16 x 3/4")
40	320 549 R11	SHAFT and PINION w/PIN, 279 901 R1 bevel (TD-151-4001 up)
40	279 875 R11	SHAFT and PINION w/PIN, 279 901 R1 bevel (TD-150-501 to 4000)
40A	279 901 R1	PIN, bevel pinion and shaft bearing front spacer lock
41	279 771 R91	BEARING, rear bevel pinion and shaft bearing
42	279 876 R1	RING, rear bevel pinion snap
43	279 877 R1	GEAR, first speed (42 T)
44	279 878 R1	GEAR, third speed (34 T)
45	279 879 R1	GEAR, fifth speed (26 T)
46	279 880 R1	SPACER, bevel pinion shaft
47	279 770 R91	BEARING, rear bevel pinion shaft idler gear
48	279 898 R2	GEAR, bevel pinion shaft idler (25T - 30T)
49	279 899 R1	SPACER, bevel pinion shaft idler bearing
50	279 453 R91	BEARING, front bevel pinion shaft idler
51	279 900 R1	SPACER, front bevel pinion shaft bearing
52	271 891 R1	SHIM, front bevel pinion shaft bearing cage (heavy) (X)
53	271 892 R1	SHIM, front bevel pinion shaft bearing cage (medium) (X)
54	271 893 R1	SHIM, front bevel pinion shaft bearing cage (light) (X)
55	271 894 R1	SHIM, front bevel pinion shaft bearing cage (extra light) (X)
56	271 886 R1	RING, bevel pinion shaft front bearing cage sealing
57	271 885 R2	CAGE, front bevel pinion shaft bearing 1/2 x 1-3/8" hex-hd. cap SCREW (5) 1/2" lock WASHER (5)
58	271 831 R1	LOCK, bevel pinion shaft front bearing retain- er 3/8 x 5/8" hex-hd. cap SCREW (2) 3/8" lock WASHER (2)
59	271 884 R91	BEARING, front bevel pinion shaft (optional with 272 372 R91)

TRANSMISSION

REF. NO.	I. H. PART NUMBER	DESCRIPTION
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FULL REVERSE TRANSMISSION - CONTINUED

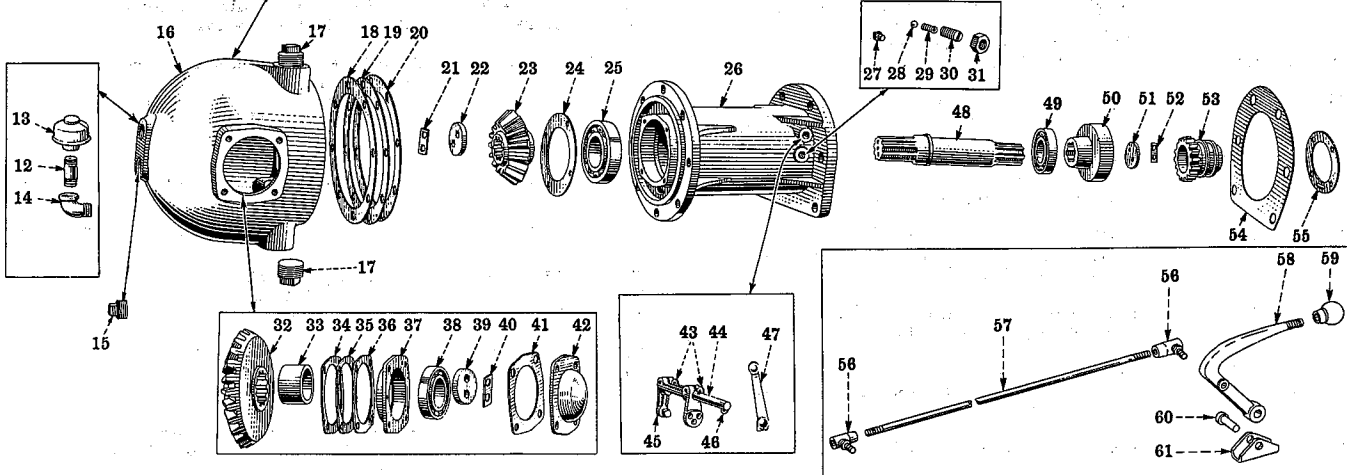
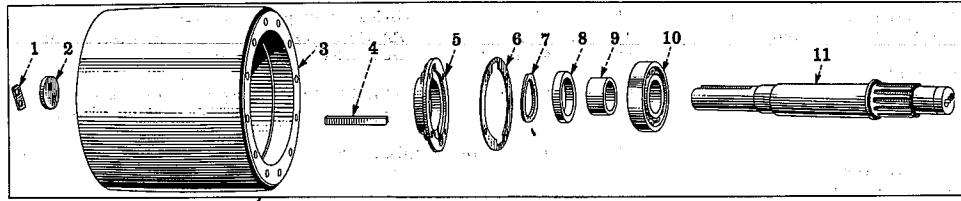
59	272 372 R91	BEARING, front bevel pinion shaft (optional with 271 884 R91)
60	279 726 R1	NUT, bevel pinion shaft front bearing retaining
61	254 693 R1	RING, bevel pinion shaft front bearing retain- er sealing
62	271 889 R2	RETAINER, bevel pinion shaft front bearing
63	269 910 R1	GASKET, bevel pinion shaft front bearing retainer plug
64	269 909 R2	PLUG, bevel pinion shaft front bearing retainer
65	279 977 R1	NUT, second, fourth and sixth speed idler gear bearing retainer (TD-150 501 to 3500)
65	19 754 R1	NUT, second, fourth and sixth speed idler gear bearing retainer (TD-150-3501 to 4000) (TD-151-4001 up)
66	321 166 R91	BEARING, second, fourth and sixth speed idler gear (TD-150-3501 to 4000) (TD-151- 4001 up)
67	279 925 R1	GEAR, second, fourth and sixth speed idler (order 320 372 R91)
67	320 370 R1	GEAR, second, fourth and sixth speed idler
68	279 924 R1	BOLT, second, fourth and sixth speed idler shaft lock 7/16" lock WASHER
69	279 923 R1	SHAFT, second, fourth and sixth speed idler (order 320 372 R91) (TD-150-501 to 3500)
69	320 371 R1	SHAFT, second, fourth and sixth speed idler (TD-150-3501 to 4000) (TD-151-4001 up)
	279 772 R91	BEARING, rear second, fourth and sixth speed idler gear (TD-150 501 to 3500)
	279 976 R91	BEARING, front second, fourth and sixth speed idler gear (TD-150 501 to 3500)
	322 195 R91	GEAR w/SHAFT, 320 549 R1 and GEAR, 320 548 R1 bevel pinion and shaft with drive bevel (matched Pair) (will work for 279 897 R91)
	320 548 R1	GEAR, bevel drive (40 T) (see final drive) (TD-151-4001 up)
	279 896 R1	GEAR, bevel drive (45 T) (See Final Drive) (TD-150-501 to 4000)
	320 372 R91	PACKAGE, field service, second, fourth and sixth speed idler shaft gear (TD-150 501 to 3500) (consists of - 1 BEARING 321 166 R91 1 GEAR 320 370 R1 1 NUT 19 754 R1 1 SHAFT 320 371 R1)
	279 926 R1	SPACER, second, fourth and sixth speed idler gear bearing (TD-150 501 to 3500)
	320 385 R1	SPACER, short intermediate shaft bearing (used only with GEAR, 320 381 R1 and SHAFT, 320 380 R1 and old BEARING, ST 214)
	305 946 R1	RING, intermediate shaft idler gear bearing snap (2) (TD-150 501 to 3500)

X - As Required

TRANSMISSION



BELT PULLEY



IPB-9235A

TRANSMISSION



BELT PULLEY - CONTINUED

REF. NO.	I.H. PART NUMBER	DESCRIPTION
	272 412 R91	ATTACHMENT, belt pulley (for tractors equipped with power take-off ATTACHMENT, 303 542 R91) (Consists of the following parts) (see NOTE 1 and 3)
1	35 089 DA	LOCK, belt pulley retainer washer bolt
2	45 559 D	WASHER, belt pulley retainer 1/2NF x 1-1/8" hex-hd. cap SCREW (2)
3	264 372 R91	PULLEY, belt (11-3/4" dia. x 11" face) (regular)
4	Q 17	KEY, belt pulley
5	6 266 D	CAGE, belt pulley oil seal 3/8 x 1-1/4" hex-hd. cap SCREW (4) 3/8" lock WASHER (4)
6	45 531 D	GASKET, belt pulley oil seal cage
7	45 548 D	WASHER, belt pulley oil seal felt
8	45 562 D	OIL SEAL, belt pulley
9	45 536 D	SPACER, belt pulley bearing
10	ST 221	BEARING, belt pulley
11	45 553 D	SHAFT, belt pulley
12	190 570	PIPE, belt pulley breather
13	268 500 R91	BREATHER
14	108 687	ELBOW, belt pulley gear box breather pipe
15	103 870	PLUG, pipe (standard 1")
16	6 270 DX	BOX w/pipe PLUG, belt pulley gear
	103 870	PLUG, pipe, 1"
17	106 643	PLUG, pipe, 1-1/2" (2)
	108 687	ELBOW, 1" x 90° mall street
18	45 544 D	SHIM, belt pulley carrier (heavy)
19	45 545 D	SHIM, belt pulley carrier (medium)

REF. NO.	I.H. PART NUMBER	DESCRIPTION
20	45 546 D	SHIM, belt pulley carrier (light) (X)
21	35 089 DA	LOCK, belt pulley pinion retainer washer bolt
22	45 559 D	WASHER, belt pulley pinion retainer 1/2NF x 1-1/8" hex-hd. cap SCREW (2)
23	45 550 D	PINION, belt pulley, (15 T)
23	258 575 R91	PINION AND GEAR, belt pulley (matched pair) (Composed of PINION, 45 550 D and GEAR, 45 551 D)
24	45 535 D	RETAINER, belt pulley pinion shaft rear bearing 3/8 x 3/4" hex-hd. cap SCREW (4) 3/8" lock WASHER (4)
25	ST 297	BEARING, belt pulley pinion shaft rear
26	6 269 DCX	CARRIER, belt pulley 3/4" NUT 103 867 PLUG, 3/8" pipe 103 869 PLUG, 3/4" pipe 3/4 x 1-3/4" hex-hd. cap SCREW (6) 3/4 x 2-1/4" hex-hd. cap SCREW (8) 5/8 x 1-3/4" hex-hd. cap SCREW (8)
27	49 541 DA	PIN, belt pulley shifter (2)
28	D 2 616	POPPET, belt pulley shifter (1/2" steel ball) (optional with 13 722 D)
28	13 722 D	POPPET, belt pulley shifter (1/2" steel ball) (optional with D-2616)
29	64 163 D	SPRING, belt pulley shifter poppet
30	49 105 D	BUSHING, belt pulley shifter poppet
31		3/4" jam NUT

NOTE 1 - Factory Application - Order on Machine Order Form.
NOTE 3 - Field Application - Order through Regular Service Parts Channels.

TRANSMISSION

REF. NO.	I. H. PART NUMBER	DESCRIPTION
BELT PULLEY - CONTINUED		
32	258 575 R91	PINION AND GEAR, belt pulley (match gear) (Composed of PINION, 45 550 D and GEAR, 45 551 D)
32	45 551 D	GEAR, belt pulley (24 T)
33	45 534 D	SPACER, belt pulley gear
34	45 541 D	SHIM, belt pulley gear (heavy)
35	45 542 D	SHIM, belt pulley gear (medium)
36	45 543 D	SHIM, belt pulley gear (light) (X)
37	6 264 D	CAGE, belt pulley gear bearing
38	ST 278	BEARING, belt pulley gear
39	45 559 D	WASHER, belt pulley gear bearing retainer 1/2NF x 1-1/8" hex-hd. cap SCREW (2)
40	35 089 DA	LOCK, belt pulley gear bearing retainer washer bolt
41	45 547 D	GASKET, belt pulley gear bearing cap
42	6 263 D	CAP, belt pulley gear bearing 1/2 x 1-1/2" hex-hd. cap SCREW (4) 1/2" lock WASHER (4)
43	45 532 DA	KEY, belt pulley shifter fork (2)
44	61 614 D	SHAFT, belt pulley shifter
45	8 046 DA	FORK, belt pulley shifter 3/8NF x 1-1/4" hex-hd. cap SCREW (2) 3/8" lock WASHER (2)
46	45 532 DA	KEY, belt pulley shifter lever
47	272 142 R1	LEVER, belt pulley shifter 3/8 x 1-1/2" hex-hd. cap SCREW 3/8" lock WASHER

TRANSMISSION

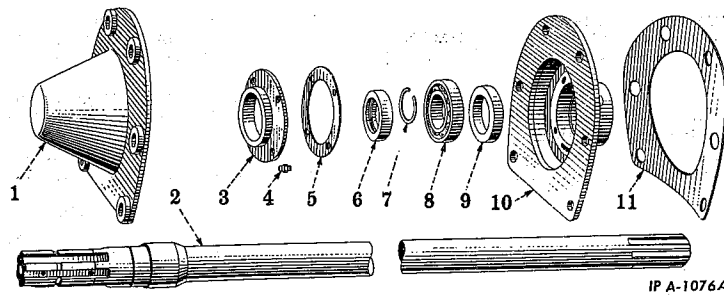
REF. NO.	I. H. PART NUMBER	DESCRIPTION
BELT PULLEY - CONTINUED		
48	45 555 D	SHAFT, belt pulley pinion
49	ST 202	BEARING, belt pulley pinion shaft front
50	45 552 D	COUPLING, belt pulley (16 T)
51	45 560 D	WASHER, belt pulley coupling retainer 3/8NF x 7/8" hex-hd. cap SCREW (2)
52	45 558 DA	LOCK, belt pulley coupling retainer washer bolt
53	50 614 D	COUPLING, belt pulley shifter (16 T)
54	42 289 D	GASKET, belt pulley carrier
55	45 538 DX	RETAINER w/fork stop PIN power take-off shaft bearing 3/8 x 3/4" hex-hd. cap SCREW (4) 3/8" lock WASHER (4)
56	442 708	JOINT, belt pulley shifter lever rod ball (2) 3/8NF NUT (2) 3/8" lock WASHER (2)
57	272 413 R1	ROD, belt pulley shifter lever 3/8" NF NUT (2)
58	272 144 R1	LEVER, belt pulley shifter hand
59	264 097 R2	BALL, belt pulley shifter hand lever
60	16 811 R1	PIN, belt pulley shifter hand lever pivot 1/8 x 7/8" cotter PIN
61	272 141 R1	BRACKET, belt pulley shifter hand lever 3/8 x 7/8" hex-hd. cap SCREW (2) 3/8" NUT (2) 3/8" lock WASHER (2)
X - As Required		

POWER TAKE-OFF

REF. NO.	I. H. PART NUMBER	DESCRIPTION
	303 542 R91	ATTACHMENT, power take-off (Consists of the following parts) (See NOTE 1 and 3)
1	6 277 D	COVER, power take-off end (not belt pulley) 3/4 x 2" hex-hd. cap SCREW (6)
2	303 541 R1	SHAFT, power take-off rear
3	6 276 D	CAGE, power take-off shaft outer oil seal 3/8 x 7/8" hex-hd. cap SCREW (4) 3/8" lock WASHER (4)
4	109 461	FITTING, power take-off shaft bearing lubrication (Lincoln 5000) (optional with 138 322 H)
4	138 322 H	FITTING, power take-off shaft bearing lubrication (Alemite 1610 BL) (optional with 109 461)

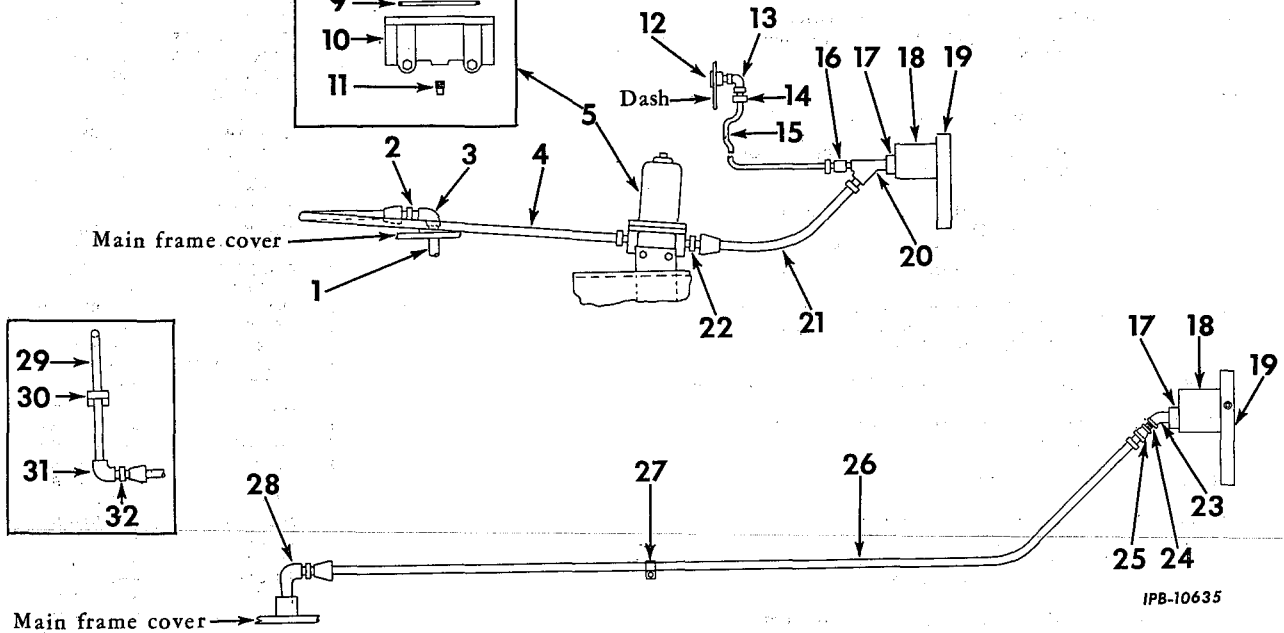
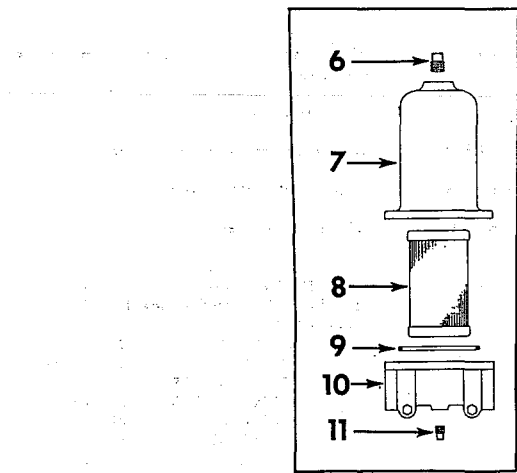
POWER TAKE-OFF - CONTINUED

REF. NO.	I. H. PART NUMBER	DESCRIPTION
5	45 620 D	GASKET, power take-off shaft bearing oil seal cage
6	45 619 D	OIL SEAL, power take-off shaft bearing outer
7	45 537 D	RING, power take-off shaft bearing retainer snap
8	ST 202	BEARING, power take-off shaft
9	45 561 D	OIL SEAL, power take-off shaft inner
10	6 268 D	CAGE, power take-off shaft bearing
11	42 289 D	GASKET, power take-off shaft bearing cage
NOTE 1 - Factory Application - Order on Machine Order Form.		
NOTE 3 - Field Application - Order through Regular Service Parts Channels.		



TRANSMISSION

TRANSMISSION OIL FILTER PIPING AND RELATED PARTS



IPB-10635

REF. NO.	I. H. PART NUMBER	DESCRIPTION
1	320 441 R91	PIPE, transmission oil suction 3/8 x 3/4" hex-hd. cap SCREW (2) 3/8" lock WASHER (2)
2	9 402 685	CONNECTOR, suction pipe
3	119 099	ELBOW, suction pipe (3/4 x 90°)
4	319 545 R91	HOSE w/FITTINGS, suction pipe to filter (HOSE, 3/4" ID x 40" long including FITTINGS)
5	319 511 R91	FILTER, transmission oil 1/2" NUT (2) 1/2 x 3-1/4" hex-hd cap SCREW (2) 1/2" lock WASHER (2)
6	445 686	PLUG, 3/8" pipe
7		Not Furnished Separately
8	317 914 R1	ELEMENT, filter
9	313 337 R1	"O" RING, 3-1/4 x 2-1/2 x 1/8" (optional with 354 836 R1)
9	354 836 R1	"O" RING, 3-1/4 x 3-1/2 x 1/8" (optional with 313 337 R1)
10		Not Furnished Separately
11	445 684	PLUG, 1/8" pipe

TRANSMISSION

TRANSMISSION OIL FILTER PIPING AND RELATED PARTS - CONTINUED

REF. NO.	I. H. PART NUMBER	DESCRIPTION
12	303 492 R91	GAUGE, vacuum
13	67 869 D	ELBOW, vacuum gauge
14	369 987 R1	NUT, vacuum gauge pipe (2)
15	320 443 R1	PIPE, vacuum gauge
16	29 091 D	CONNECTOR, vacuum gauge tube
17	316 612 R1	MANIFOLD, transmission oil pump 3/8" NUT (2) 3/8 x 3" hex-hd. cap SCREW (2) 3/8" lock WASHER (2)
18	360 687 R91	PUMP ASSEMBLY, transmission oil (Composed of -
		1 BALL 16 008 R1
		1 PLUG 361 628 R1
		1 SEAL 353 183 R91
		1 SPRING 361 625 R1
		1 SPRING 361 627 R1
		3/8 x 1-1/2" hex-hd. cap SCREW (2)
		3/8 x 2-1/2" hex-hd. cap SCREW (2)
		3/8" lock WASHER (4)
		13/32 x 13/16 x .065" WASHER

TRANSMISSION

REF. NO.	I.H. PART NUMBER	DESCRIPTION
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TRANSMISSION OIL FILTER PIPES AND RELATED PARTS - CONTINUED

19	316 610 R1	PLATE, transmission oil pump mounting
20	319 979 R1	TEE, pump inlet
21	317 884 R91	HOSE w/FITTINGS, filter to pump inlet (HOSE 3/4" ID x 46" long including FITTINGS)
22	9 402 685	FITTING, 3/4" filter outlet flared
23	137 894	ELBOW, pump outlet
24	192 074	NIPPLE, pump outlet
25	128 149	COUPLING, pump outlet reducing
26	321 384 R91	HOSE w/FITTINGS, pump outlet to transmission (HOSE, 3/4" ID x 82" long including FITTINGS)
27	274 087 R91	CLAMP, hose (clip return line to fuel pipe in vicinity of brake pedal bracket)
28	141 621	ELBOW, 3/4 x 90° street (TD-150-3501 to 4000) (TD-151-4001 up)
29	318 803 R91	PIPE, transmission oil return (TD-150 501 to 3500) 3/8 x 3/4" hex-hd. cap SCREW (2) 3/8" lock WASHER (2)
30	318 805 R1	SUPPORT, return pipe (TD-150 501 to 3500) 1/2NF x 3/4" hex-hd. cap SCREW 1/2" lock WASHER
31	119 099	ELBOW, oil return (TD-150 501 to 3500)
32	9 402 685	CONNECTOR, return pipe (TD-150 501 to 3500)
	16 008 R1	BALL, 1/4"
	64 121 D	CLIP, vacuum gauge pipe 3/8" NUT 3/8 x 3/4" hex-hd. cap SCREW 3/8" lock WASHER
	316 608 R1	COUPLING, transmission oil pump
	106 749	KEY, 1/8 x 1/2" Woodruff 3/8NF hex. jam NUT 13/32 x 13/16 x .065" WASHER
	55 780 DD	GASKET, transmission oil pump mounting plate
	316 609 R1	GASKET, transmission oil pump
	318 806 R1	GASKET, return pipe pipe flange (TD-150 501 to 3500)
	318 806 R1	GASKET, suction pipe flange
	350 706 R1	GASKET, manifold flange rear
	350 708 R1	GASKET, transmission oil pump
	106 749	KEY, transmission oil pump drive gear (Woodruff No. 3)
	369 987 R1	NUT, vacuum gauge tube connector
	305 667 R1	"O" RING, manifold (2)
	360 691 R91	PACKAGE, manifold and pump "O" ring and gasket field service (Consists of - 1 GASKET 350 706 R1 1 GASKET 350 708 R1 1 KEY 106 749 1 OIL SEAL 353 183 R91 §1 "O" RING 2 RING 350 667 R1 §2 RING §2 WASHER)

TRANSMISSION

REF. NO.	I.H. PART NUMBER	DESCRIPTION
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TRANSMISSION OIL FILTER PIPES AND RELATED PARTS - CONTINUED

103 877	PLUG, transmission oil pump mounting plate lubrication
361 628 R1	PLUG, ball check
353 183 R91	SEAL, transmission oil pump shaft
361 625 R1	SPRING, bearing cover
361 627 R1	SPRING, ball check
320 423 R91	ATTACHMENT, transmission oil filter (TD-150 501 to 3500) (See NOTE 3) (Composed of - 1 CLAMP 274 087 R91 1 CLIP 64 121 D 1 CONNECTOR 29 901 D 2 CONNECTOR 9 402 685 1 COUPLING 128 149 1 COUPLING 316 608 R1 1 ELBOW 67 869 D 1 ELBOW 137 894 1 ELEMENT 317 914 R1 1 FILTER 319 511 R91 2 FITTING 119 099 1 FITTING 9 402 685 1 GASKET 55 780 DD 1 GASKET 316 609 R1 2 GASKET 318 806 R1 1 GAUGE 303 492 R91 1 HOSE 317 884 R91 1 HOSE 321 384 R91 1 HOSE 319 545 R91 1 MANIFOLD 316 612 R1 1 NIPPLE 192 074 3 NUT 369 987 R1 1 "O" RING 313 337 R1 2 "O" RING 305 667 R1 1 PIPE 318 803 R91 1 PIPE 320 441 R91 1 PIPE 320 443 R1 1 PLATE 316 610 R1 1 PLUG 103 877 2 PLUG 445 684 1 PLUG 445 686 1 PUMP 360 687 R91 1 SUPPORT 318 805 R1 1 TEE 319 979 R1)

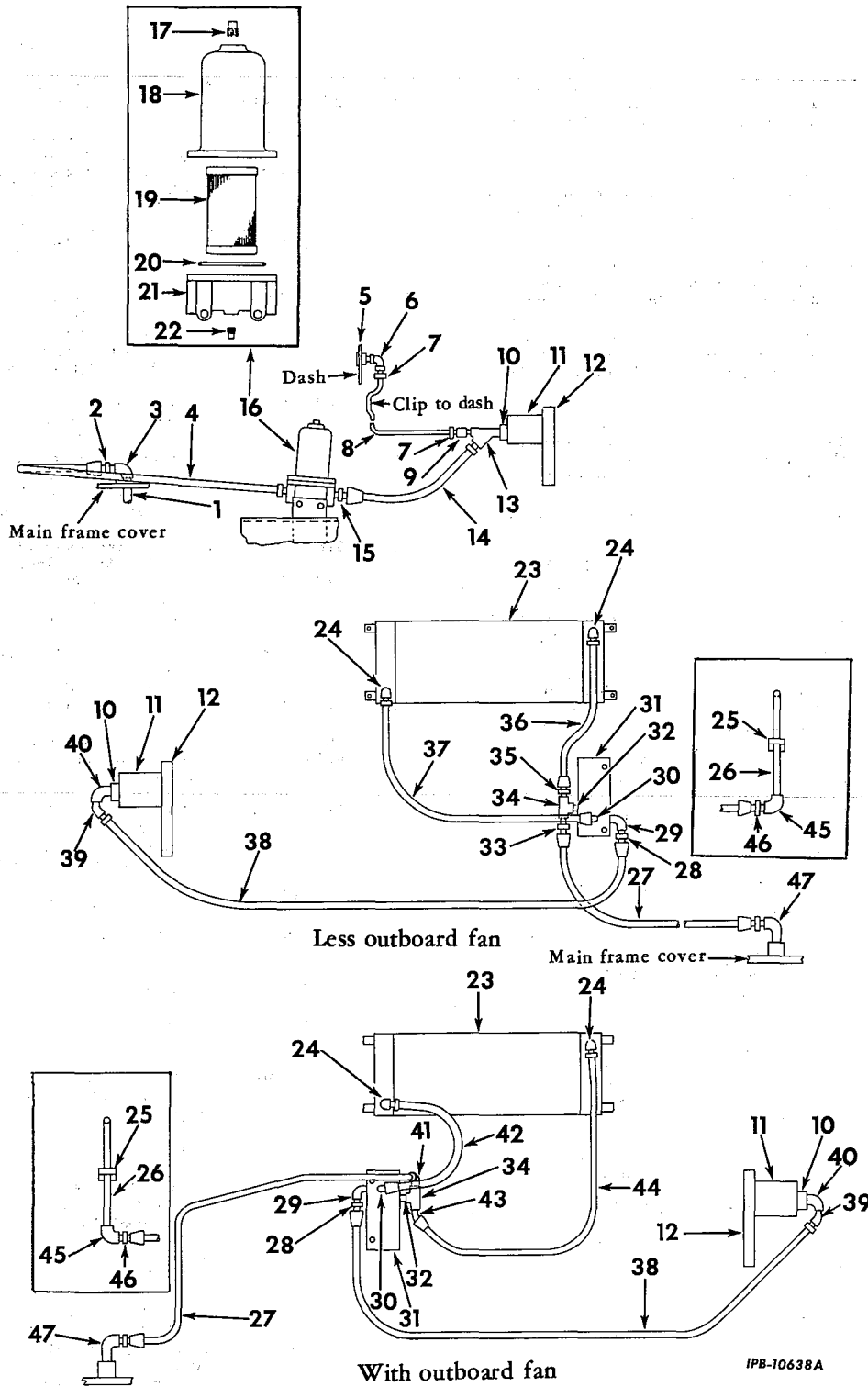
NOTE 3 - Field Application - Order through Regular Service Parts Channels.

TRANSMISSION

TRANSMISSION OIL COOLER

TRANSMISSION

TRANSMISSION OIL COOLER - CONTINUED



IPB-10638A

TRANSMISSION

REF. NO.	I. H. PART NUMBER	DESCRIPTION
TRANSMISSION OIL COOLER - CONTINUED		
X - KEY TO UNITS		
A	316807 R91	ATTACHMENT, transmission oil cooler (not used with outboard fan and/or radiator shutter attachments)(for machines not equipped with filter) (See NOTE 3)
B	320 456 R91	ATTACHMENT, transmission oil cooler (for machines equipped with outboard fan) (for machines not equipped with filter) (See NOTE 3)
C	320 542 R91	ATTACHMENT, transmission oil cooler (not used with outboard fan) (for machines equipped with filter) (See NOTE 1 and 3)
D	320 543 R91	ATTACHMENT, transmission oil cooler (for machines equipped with outboard fan) (for machines equipped with filter) (See NOTE 1 and 3)
X - Letters of these units correspond with those shown following the description of the parts in the list below and identifies the unit for which the part is used. Items without letters after the description indicates the part is used for all units.		
1	320 441 R91	PIPE, transmission oil suction (Units A and B)
	18 423 R1	3/8" NUT (2) 3/8 x 1-1/8" hex-hd. cap SCREW (2) 3/8" lock WASHER (2)
2	9 402 685	CONNECTOR, suction pipe (Units A and B)
3	119 099	ELBOW, suction pipe (3/4 x 90°) (Units A and B)
4	319 545 R91	HOSE w/FITTINGS suction pipe to filter (HOSE, 3/4" ID x 40" long including FITTINGS) (Units A & B)
5	303 492 R91	GAUGE, vacuum (Units A and B)
6	67 869 D	ELBOW, vacuum (Units A and B)
7	369 987 R1	NUT, vacuum gauge pipe (2 for Units A and B)
8	320 443 R1	PIPE, vacuum gauge (Units A and B)
9	29 901 D	CONNECTOR, vacuum gauge pipe (Units A and B)
10	316 612 R1	MANIFOLD, oil pump (Units A and B) 3/8" NUT (2) 3/8 x 3" hex-hd. cap SCREW (2) 3/8" lock WASHER (2)
11	360 687 R91	PUMP, transmission oil (Units A and B) (Composed of - 1 BALL 16 008 R1 1 PLUG 361 628 R1 1 SEAL 353 183 R91 1 SPRING 361 625 R1 1 SPRING 361 627 R1 3/8 x 1-1/2" hex-hd. cap SCREW (2) 3/8 x 2-1/2" hex-hd. cap SCREW (2) 3/8" lock WASHER (4) 13/32 x 13/16 x .065" WASHER
12	316 610 R1	PLATE, transmission oil pump mounting (Units A and B)
13	319 979 R1	TEE, pump inlet (Units A and B)
14	317 884 R91	HOSE w/FITTINGS filter to pump inlet (HOSE 3/4" ID x 46" long including FITTINGS) (Units A and B)
15	9 402 685	FITTING, filter outlet (Units A and B)
16	319 511 R91	FILTER ASSEMBLY (Units A and B) 1/2" NUT (2) 1/2 x 3-1/4" hex-hd. cap SCREW (2) 1/2" lock WASHER (2)

TRANSMISSION

REF. NO.	I. H. PART NUMBER	DESCRIPTION
TRANSMISSION OIL COOLER - CONTINUED		
17	445 686	PLUG, 3/8" sq-hd. pipe (Units A and B)
18		Not Furnished Separately (Units A and B)
19	317 914 R91	ELEMENT, filter (Units A and B)
20	313 337 R1	"O" RING, 3-1/4 x 3-1/2 x 1/8" (optional with 354 836 R1) (Units A and B)
20	354 836 R1	"O" RING, 3-1/4 x 3-1/2 x 1/8" (optional with 313 337 R1) (Units A and B)
21		Not Furnished Separately (Units A and B)
22	445 684	PLUG, 1/8" sq-hd. pipe (2 for Units A and B)
23	317 933 R91	COOLER, transmission oil 3/8" NUT (4) 3/8 x 1" hex-hd. cap SCREW (4) 3/8" lock WASHER (4) 13/32 x 13/16 x .065" WASHER (4)
24	108 686	ELBOW, transmission oil cooler inlet and outlet (1/2 x 90°) (2)
25	318 805 R1	SUPPORT, transmission oil return pipe (Units A and B) (TD-150 501 to 3500) 1/2NF x 3/4" hex-hd. cap SCREW (2) 1/2" lock WASHER (2)
26	318 803 R1	PIPE, transmission oil return (Units A and B) (TD-150 501 to 3500) NUT, 3/8" (2) 3/8 x 1-1/8" hex-hd. cap SCREW (2) 3/8" lock WASHER (2)
27	317 889 R91	HOSE w/FITTINGS by-pass valve to transmission return (HOSE 3/4" ID x 136" long including FITTINGS)
28	9 402 684	CONNECTOR, by-pass valve inlet
29	108 686	ELBOW, by-pass valve inlet (1/2 x 90°)
30	9 402 840	ELBOW, by-pass valve (1/2 x 90°) (cooler inlet hose)
31	316 614 R1	BODY, by-pass valve 3/8" NUT (2) 3/8 x 2-1/2" hex-hd. cap SCREW (2) 3/8" lock WASHER (2)
32	144 613	NIPPLE, by-pass valve
33	9 402 685	CONNECTOR, by-pass valve tee outlet (Units A and C)
34	189 775	TEE, by-pass valve reducing
35	9 402 684	CONNECTOR, by-pass valve tee (Units A and C)
36	317 990 R91	HOSE w/FITTINGS, cooler outlet to by-pass valve tee (HOSE, 1/2" ID x 14.5" long including FITTINGS) (Unit A)
36	321 237 R91	HOSE, w/FITTINGS, cooler outlet to by-pass valve tee (HOSE, 1/2" ID x 20" long including FITTINGS) (Unit C)
37	317 888 R91	HOSE w/FITTINGS, by-pass valve to cooler inlet (HOSE, 1/2" ID x 35" long including FITTINGS) (Unit C)
37	317 989 R91	HOSE w/FITTINGS, by-pass valve to cooler inlet (HOSE, 1/2" ID x 32" long including FITTINGS) (Unit A)
38	317 988 R91	HOSE w/FITTINGS, pump outlet to by-pass valve (HOSE, 1/2" ID x 76" long including FITTINGS)
39	137 894	ELBOW, pump outlet (1/2 x 45°) (Units A and B)
40	108 686	ELBOW, pump outlet (1/2 x 90°)
NOTE 1 - Factory Application - Order on Machine Order Form.		
NOTE 3 - Field Application - Order through Regular Service Parts Channels.		



TRANSMISSION

REF. NO.	I.H. PART NUMBER	DESCRIPTION
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TRANSMISSION OIL COOLER - CONTINUED

41	9 402 841	ELBOW, by-pass valve tee outlet (return hose) (Units B and D)
42	321 185 R91	HOSE w/FITTINGS, by-pass valve to cooler inlet (HOSE, 1/2" ID x 18" long including FITTINGS) (Units B and D)
43	9 402 801	ELBOW, by-pass valve tee (cooler outlet hose) (Units B and D)
44	321 238 R91	HOSE w/FITTINGS, cooler outlet to by-pass valve tee (HOSE, 1/2" ID x 52" long including FITTINGS) (Unit D)
44	317 886 R91	HOSE w/FITTINGS, cooler outlet to by-pass valve tee (HOSE, 1/2" ID x 49" long including FITTINGS) (Unit B)
45	119 099	ELBOW, return pipe (3/4 x 90°) (Units A and B) (TD-150 501 to 3500)
46	9 402 685	CONNECTOR, suction pipe (Units A and B) (TD-150 501 to 3500)
47	141 621	ELBOW, 3/4 x 90° street (Units A and B) (TD-150-3501 to 4000) (TD-151-4001 up)
	16 008 R1	BALL, 1/4" (Units A and B)
	258 333 R1	CAP, by-pass valve
	274 087 R91	CLAMP, hose
	309 929 R91	CLAMP, return line 3/8" NUT 3/8 x 5/8" hex-hd. cap SCREW 3/8" external tooth lock WASHER 3/8" flat WASHER (Unit C)
	64 121 D	CLIP, vacuum line (Units A and B) 3/8" NUT 3/8 x 3/4" hex-hd. cap SCREW 3/8" lock WASHER
	316 608 R1	COUPLING, transmission oil pump (Units A and B)
	106 749	KEY, 1/8 x 1/2" Woodruff NUT, pump shaft 13/32 x 13/16 x .065" WASHER
	55 780 DD	GASKET, transmission oil pump mounting plate (Units A and B)
	142 756	GASKET, by-pass valve cap (Units A and B)
	316 609 R1	GASKET, transmission oil pump (Units A and B)
	318 806 R1	GASKET, return pipe flange (Units A and B) (TD-150 501 to 3500)
	318 806 R1	GASKET, suction pipe flange (Units A and B)
	350 706 R1	GASKET, manifold flange rear
	350 708 R1	GASKET, transmission oil pump
	106 749	KEY, transmission oil pump drive gear (Woodruff No. 3)
	350 667 R1	"O" RING, transmission oil pump manifold (2 for Units A and B)
	360 691 R91	PACKAGE, manifold and pump "O" ring and gasket field service (Consists of - 1 GASKET 350 706 R1 1 GASKET 350 708 R1 1 KEY 106 749 1 OIL SEAL 353 183 R91 §1 "O" RING 2 RING 350 667 R1 §2 RING §2 WASHER)



TRANSMISSION

REF. NO.	I.H. PART NUMBER	DESCRIPTION
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TRANSMISSION OIL COOLER - CONTINUED

316 615 R1	PLATE, by-pass valve mounting 3/8" NUT (2) 3/8 x 1" hex-hd. cap SCREW (2) 3/8" lock WASHER (2)
103 877	PLUG, transmission oil pump mounting plate (1/8")
103 877	PLUG, 1/8" sq-hd. pipe (2 for Units A and B)
361 628 R1	PLUG, ball check (Units A and B)
353 183 R91	SEAL, transmission oil pump shaft (Units A and B)
304 505 R1	SPRING, by-pass valve
361 625 R1	SPRING, bearing cover (Units A and B)
361 627 R1	SPRING, ball check (Units A and B)
320 453 R11	SUPPORT, transmission oil cooler (Unit B) 3/8" NUT (4) 3/8 x 2" hex-hd. cap SCREW (4) 3/8" lock WASHER (4) 13/32 x 13/16" flat WASHER (4)
252 846 R2	VALVE, by-pass



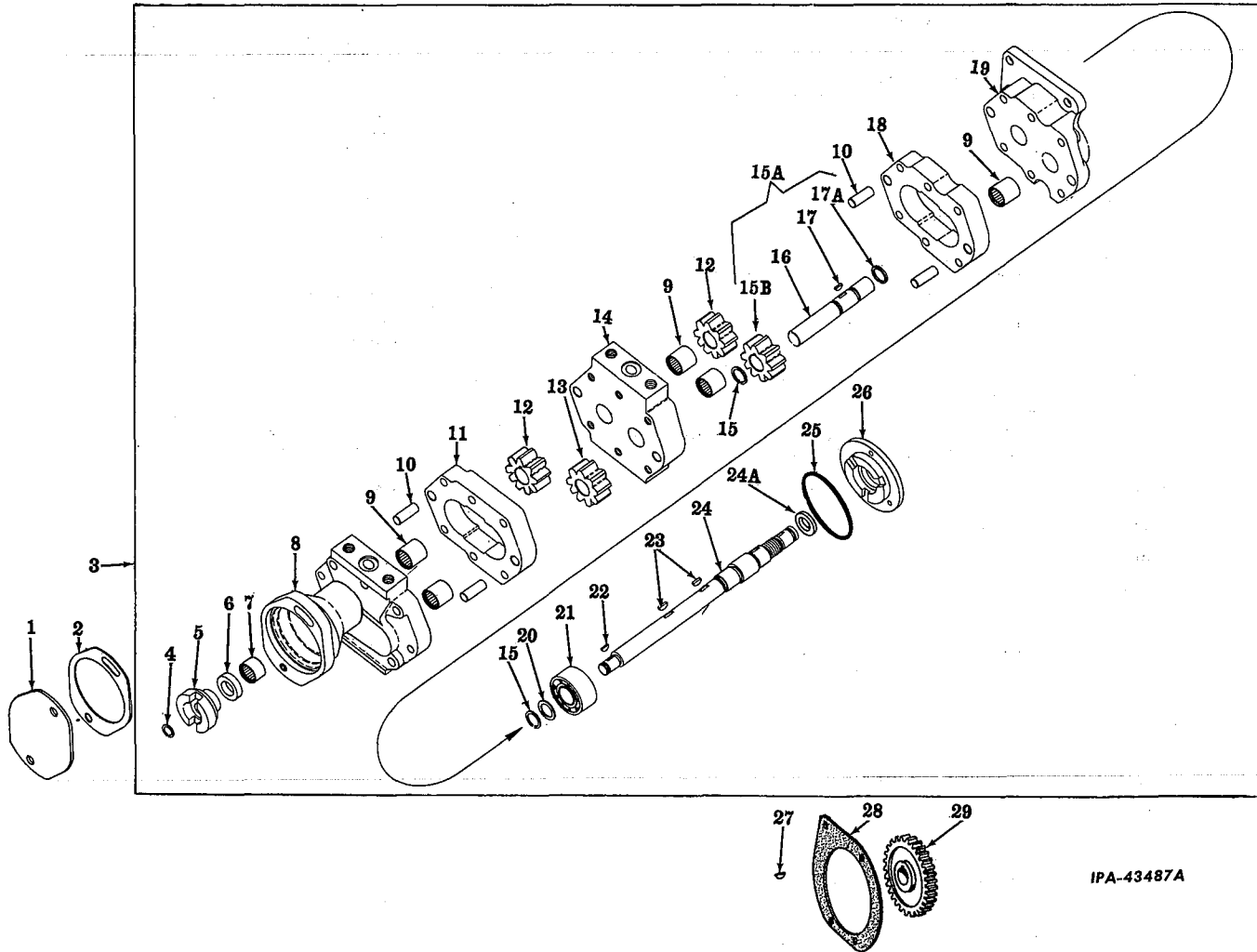
HYDRAULIC SYSTEM

HYDRAULIC PUMP (WEBSTER) AND RELATED PARTS



HYDRAULIC SYSTEM

HYDRAULIC PUMP (WEBSTER) AND RELATED PARTS - CONTINUED



IPA-43487A

REF. NO.	I. H. PART NUMBER	DESCRIPTION
1	272 497 R1	COVER, hydraulic pump 3/8NF NUT 3/8 x 7/8" hex-hd. cap SCREW 3/8NF x 1-1/4" hex-hd. cap SCREW 3/8" lock WASHER (2)
2	55 780 DD	GASKET, hydraulic pump cover
3	304 181 R91	PUMP ASSEMBLY, hydraulic (155-25943) 3/8 x 1-1/8" hex-hd. cap SCREW (4) 3/8" lock WASHER (4)
4	276 567 R1	RING, drive shaft rear retaining (2965013)
5	276 565 R1	COUPLING (151210561)
6	279 013 R91	OIL SEAL (15124414)
7	276 578 R91	BEARING, needle (Torrington, B-128) (21054)

REF. NO.	I. H. PART NUMBER	DESCRIPTION
8	276 551 R91	BODY w/two BEARING, 276 574 R91, BEARING, 276 578 R91 and two BUSHING, 309 217 R1 rear pump 1/4 x 2" hex-hd. cap SCREW (2) 5/16 x 2" hex-hd. cap SCREW (2) 5/16 x 2-1/4" hex-hd. cap SCREW (4) 1/4" lock WASHER (2) 5/16" lock WASHER (6)
9	276 574 R91	BEARING, needle (Torrington, B-1212) (30621) (5)
10	276 566 R1	PIN, dowel (15121034) (4)
11	276 563 R1	PLATE, top gear (151210622)
12	276 579 R1	GEAR, drive (with keyway) (151219522) (3)
13	276 570 R1	GEAR, idler (without keyway) (219521)



HYDRAULIC SYSTEM

REF. NO.	I.H. PART NUMBER	DESCRIPTION
HYDRAULIC PUMP (WEBSTER) AND RELATED PARTS - CONTINUED		
14	276 552 R92	PLATE w/two BEARING, 276 574 R91 and two BUSHING, 309 217 R1, bearing
15	276 575 R1	RING, retaining (296503) (2)
15A	276 561 R91	GEAR, idler, assembly (150-21960) (Composed of - 1 GEAR 276 579 R1 1 KEY 427 261 1 RING 276 575 R1 1 SHAFT 276 568 R1)
15B	276 579 R1	GEAR, drive (21952-2)
16	276 568 R1	SHAFT, idler (21058)
17	427 261	KEY, Woodruff (No. 213, 1/8 x 3/8")
17A	276 575 R1	RING, retaining (29650-3)
18	276 562 R1	PLATE, bottom gear (151210612)
19	276 550 R91	BODY w/BEARING, 276 574 R91, front pump (15221958) 1/4 x 2" hex-soc-hd. cap SCREW 5/16 x 2-1/4" hex-soc-hd. cap SCREW (4) 1/4 x 2" hex-hd. cap SCREW 5/16 x 1-3/4" hex-hd. cap SCREW (2) 1/4" lock WASHER 5/16" lock WASHER (6)
20	276 569 R1	WASHER, retaining ring (29602132)
21	8 521 T	BEARING, ball (ND-5204-LIA) (30623)
22	103 904	KEY, Woodruff (No. 2, 3/32 x 1/2")
23	124 543	KEY, Woodruff (No. 3, 1/8 x 1/2"), (296204) (2)
24	304 453 R1	SHAFT, drive (15125944)
24A	279 014 R91	OIL SEAL (will work for 265 440 R91) (151-24415)
25	276 571 R1	GASKET, pilot plate (used on units equipped with PLATE, 265 462 R1) (151-21053)
25	279 015 R1	GASKET, pilot plate (used on units equipped with PLATE, 265 462 R2) (151-23389)
25	364 145 R1	"O" RING, pilot plate (2-1/4 x 2-1/2 x 1/8") (used on units equipped with PLATE, 317 910 R1)
26	317 910 R1	PLATE, pilot (together with "O" RING, 364 145 R1 will work for 265 462 R2)
27	124 543	KEY, Woodruff (No. 3)
28	272 495 R1	GASKET, hydraulic pump
29	261 202 R1 45 003 D	GEAR, hydraulic pump drive LOCK, jam nut 5/8" jam NUT
	309 217 R1	BUSHING (151-26951) (used with 276 551 R92 and 276 552 R92) (4)



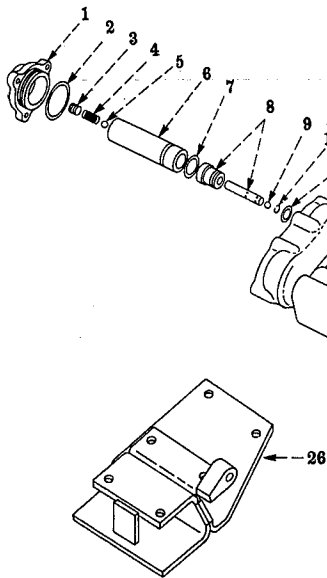
HYDRAULIC SYSTEM

REF. NO.	I.H. PART NUMBER	DESCRIPTION
HYDRAULIC PUMP (WEBSTER) AND RELATED PARTS - CONTINUED		
	276 561 R91	GEAR ASSEMBLY, idler (15021960) (Composed of - 1 GEAR 276 579 R1 1 KEY 427 261 1 RING 276 575 R1 1 SHAFT 276 568 R1)



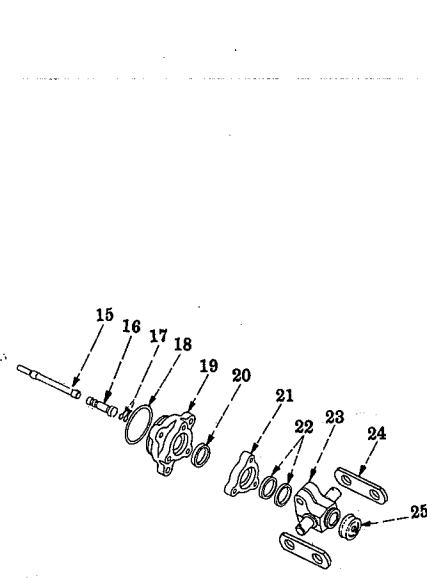
HYDRAULIC SYSTEM

HYDRAULIC BOOSTER



HYDRAULIC SYSTEM

HYDRAULIC BOOSTER - CONTINUED



IPA-52131B

REF. NO.	I. H. PART NUMBER	DESCRIPTION
1	272 272 R1	HEAD, hydraulic booster cylinder (2) 3/8 x 1-1/8" hex-hd. cap SCREW (6) 3/8" lock WASHER (6)
2	290 028 R1	RING, hydraulic booster cylinder head sealing (2)
3		SCREW, 1/2 x 1/2" hex-soc-hd. fl-pt. set (2) (TD-150-501 to 243)
3		SCREW, 5/8 x 1/2" hex-soc-hd. cup-pt. set (2) (TD-150-2432 to 4000) (TD-151-4001 up)
4	274 906 R1	SPRING, relief valve (2) (TD-150-501 to 2431)
4	311 334 R1	SPRING, relief valve (2) (TD-150-2432 to 4000) (TD-151-4001 up)
5	16 012 R1	BALL, relief valve (.375 dia., grade 2) (2) (TD-150-501 to 2431)
5	16 014 R1	BALL, relief valve (.437 dia., grade 2) (2) (TD-150-2432 to 4000) (TD-151-4001 up)
6	274 905 R1	HOUSING, relief valve (order PACKAGE, 311 336 R91) (2) (TD-150-501 to 2431)
6	311 335 R1	HOUSING, relief valve (2) (TD-150-2432 to 4000) (TD-151-4001 up)
7	350 818 R1	RING, relief valve housing sealing (2)
8	274 907 R92	SLEEVE w/VALVE spool valve (matched set) (X)
9	16 012 R1	BALL, spool valve (.375 dia., grade 2) (2)

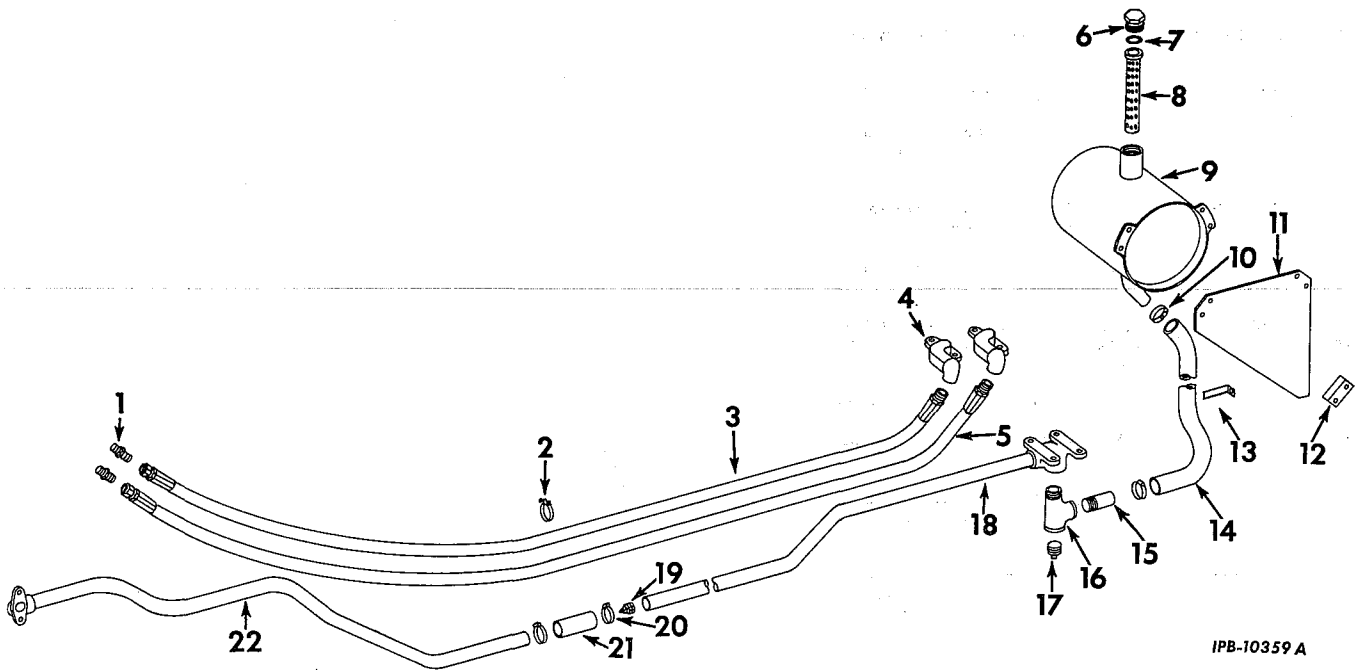
REF. NO.	I. H. PART NUMBER	DESCRIPTION
10	274 902 R3	RING, spool valve ball retainer (2)
11	350 684 R1	RING, spool valve sleeve sealing (2)
12	272 256 R21	HOUSING w/two PLUG, 444 691, hydraulic booster 3/8 x 7/8" hex-hd. cap SCREW (4) 3/8" lock WASHER (4) 444 691 PLUG, 1/4, hex-soc-hd. pipe (2)
13	272 259 R1	RING, hydraulic booster piston (4)
14	276 429 R1	PISTON, hydraulic booster (2)
15	318 865 R1	STEM, spool valve (used only with PLUNGER, 318 849 R1) (2)
16	277 433 R1	PLUNGER, spool valve actuating (order PLUNGER, 318 849 R1 and STEM, 318 865 R1) (2)
16	318 849 R1	PLUNGER, spool valve actuating (together with STEM, 318 865 R1 will work for 277 433 R1) (2)
17	352 219 R1	RING, spool valve actuating plunger sealing (4)
18	290 028 R1	RING, hydraulic booster piston support sealing (2)
19	277 435 R1	SUPPORT, hydraulic booster piston (2) 3/8 x 1-1/8" hex-hd. cap SCREW (6) 3/8" lock WASHER (6)
20	277 183 R91	SEAL, hydraulic booster piston rod (2)
		X - As Required



HYDRAULIC SYSTEM

REF. NO.	I. H. PART NUMBER	DESCRIPTION
HYDRAULIC BOOSTER — CONTINUED		
21	277 436 R1	SUPPORT, hydraulic booster piston rod wiper (2) 1/4 x 1-1/8" hex-hd. cap SCREW (6) 1/4" lock WASHER (6)
22	277 181 R91	WIPER, hydraulic booster piston rod (4)
23	276 430 R2	TRUNNION, hydraulic booster piston rod (2) 1/8 x 1" cotter PIN (4) 3/8 x 1-3/8" hex-hd. cap SCREW (2) 3/8" lock WASHER (2) 15/32 x 1-5/16 x No. 13 ga. WASHER (4)
24	277 434 R1	LINK, hydraulic booster piston (4)
25	277 184 R1	BOOT, spool valve actuating plunger (2)
26	272 353 R91	SUPPORT, hydraulic booster housing 1/2 x 1-1/8" hex-hd. cap SCREW (6) 1/2" lock WASHER (6)

HYDRAULIC CONTROL LINES AND CONNECTIONS



REF. NO.	I. H. PART NUMBER	DESCRIPTION
1	116 487	ADAPTER, pump to booster pressure hose (will work for 258 859 R1) (2)
2	276 958 R91	CLAMP, booster pressure hose (4)
3	258 860 R93	HOSE w/FITTING, 319 752 R91 and FITTING, 319 768 R91, pump to right side of booster pressure (HOSE, 1/2" ID x 82" long including FITTINGS) HOSE w/o FITTINGS, cut length 1/2" ID x 78-1/2" long cut from bulk Hose No. 319 709 R1



HYDRAULIC SYSTEM

REF. NO.	I. H. PART NUMBER	DESCRIPTION
HYDRAULIC BOOSTER — CONTINUED		
277 438 R91	PACKAGE, hydraulic booster seals field service (Composed of -	
	2 BOOT	277 184 R1
	2 GASKET	277 450 R1
	2 RING	272 293 R1
	4 RING	290 028 R1
	4 RING	350 429 R1
	2 RING	350 684 R1
	2 RING	350 818 R1
	4 RING	352 219 R1
	2 SEAL	277 183 R1
	4 WIPER	277 181 R91)
311 336 R91	PACKAGE, relief valve housing service (TD-150-501 to 2431) (Composed of -	
	1 BALL	16 014 R1
	1 HOUSING	311 335 R1
	1 SCREW	
	1 SPRING	311 334 R1)

HYDRAULIC CONTROL LINES AND CONNECTIONS — CONTINUED

REF. NO.	I. H. PART NUMBER	DESCRIPTION
4	276 622 R1	FLANGE, pressure hose manifold (2) 3/8 x 7/8" hex-hd cap SCREW (4) 3/8" lock WASHER (4)
5	277 058 R93	HOSE w/FITTING, 319 752 R91 and FITTING, 319 668 R91, pump to left side of booster pressure (HOSE, 1/2" ID x 86" long including FITTINGS) HOSE w/o FITTINGS, cut length 1/2" ID x 82-1/2" long cut from bulk Hose No. 319 709 R1

HYDRAULIC SYSTEM

REF. NO.	I. H. PART NUMBER	DESCRIPTION
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HYDRAULIC CONTROL LINES AND CONNECTIONS - CONTINUED

6	275 021 R1	PLUG, reservoir tank filler neck
7	275 022 R1	GASKET, reservoir tank filler neck plug
8	274 214 R11	SCREEN, reservoir tank filter
9	322 022 R91	TANK ASSEMBLY, reservoir (TD-151-4001 up) (Composed of - 1 GASKET 275 022 R1 1 PLUG 143 162 1 PLUG 275 021 R1 1 SCREEN 274 214 R11) 3/8 x 1-1/4" hex-hd cap SCREW (2) 3/8" lock WASHER (2)
9	304 280 R91	TANK ASSEMBLY, reservoir (TD-150-501 to 4000) (Composed of - 1 GASKET 275 022 R1 1 PLUG 143 162 1 PLUG 275 021 R1 1 SCREEN 274 214 R11) 3/8" NUT (4) 3/8 x 1-1/4" hex-hd cap SCREW (4) 3/8" lock WASHER (4)
10	274 086 R91	CLAMP, reservoir to pump hose (2)
11	304 224 R11	BRACKET, reservoir tank (TD-150-501 to 4000) 3/8 x 2-1/4" hex-hd cap SCREW (2) 3/8" lock WASHER (2)
12	304 289 R1	SPACER, hydraulic reservoir tank bracket (TD-150-501 to 4000)
13	306 874 R1	CLIP, reservoir to pump hose
14	322 052 R1	HOSE, reservoir to pump (TD-151-4001 up)
14	304 242 R1	HOSE, reservoir to pump (TD-150-501 to 4000)
15	67 540 D	NIPPLE, pump flange to reservoir hose
16	304 142 R1	TEE, 3/4" pump flange to reservoir hose pipe
17	58 997 DB	PLUG, 3/4" sq-hd hydraulic line drain pipe (magnetic) (will work for 103 869)
18	304 283 R11	TUBE, booster to pump front suction 3/8 x 7/8" hex-hd cap SCREW (4) 3/8" lock WASHER (4)
19	277 282 R91	FILTER, booster to pump suction tube
20	274 086 R91	CLAMP, reservoir to pump suction tube coupling hose (2)
21	274 221 R1	HOSE, booster to pump suction tube coupling
22	304 286 R11	TUBE, booster to pump rear suction 3/8 x 1-1/4" hex-hd cap SCREW (2) 3/8" lock WASHER (2)
	266 265 R3	BRACE, hydraulic reservoir tank (TD-151-4001 up) 3/8" NUT 3/8 x 5/8" hex-hd cap SCREW 3/8" lock WASHER (2) 13/32 x 13/16 x 16 ga WASHER

HYDRAULIC SYSTEM

REF. NO.	I. H. PART NUMBER	DESCRIPTION
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HYDRAULIC CONTROL LINES AND CONNECTIONS - CONTINUED

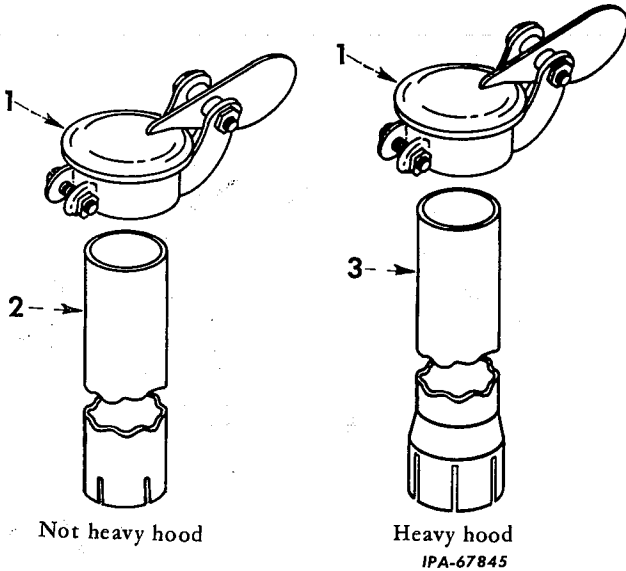
319 752 R91	FITTING, male pipe hose (2)
319 768 R91	FITTING, swivel hose (2)
319 709 R1	HOSE, 1/2" ID bulk (X)
276 652 R1	PAD, booster pressure hose clamp (3)
322 471 R1	PAD, hose clip
143 162	PLUG, 3/8" sq-soc reservoir tank tapping block pipe
369 908 R1	RING, hydraulic booster to reservoir return tube flange sealing
350 429 R1	RING, pump to left side of booster pressure hose manifold flange sealing
350 429 R1	RING, reservoir to pump suction tube manifold flange sealing (2)
350 429 R1	RING, pump to right side of booster pressure hose manifold flange sealing
600 192 R1	SPACER, hydraulic reservoir tank

(X) - Order cut length required.

MISCELLANEOUS EQUIPMENT

ATTACHMENTS

EXHAUST RAIN CAP



REF. NO.	I. H. PART NUMBER	DESCRIPTION
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(X) - KEY TO UNITS -

A	307 663 R91	ATTACHMENT, exhaust rain cap (not for use with Heavy Hood or Altitude Compensation Attachments) (See NOTES 1 and 3)
B	320 351 R91	ATTACHMENT, exhaust rain cap (for use with Heavy Hood Attachment) (not for use with Altitude Compensation Attachment) (See NOTE 3)
C	277 289 R91	ATTACHMENT, exhaust rain cap (not for use with Heavy Hood Attachment) (for use with Altitude Compensation Attachment) (TD-15 (150 Series) (See NOTE 3) (TD-15 (151 Series) (See NOTES 1 and 3)
D	320 534 R91	ATTACHMENT, exhaust rain cap (for use with Heavy Hood and Altitude Compensation Attachments) (TD-15 (150 Series) (See NOTE 3) (TD-15 (151 Series) (See NOTES 1 and 3)

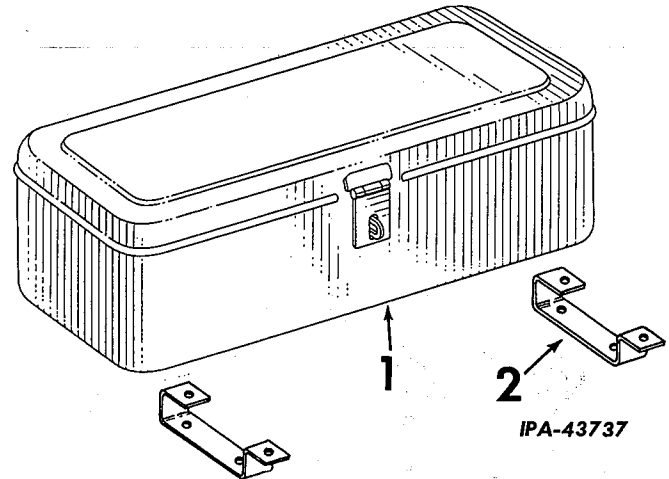
(X) - Letters of these units correspond with those shown following the description of the parts in the list below and identifies the unit for which the part is used. Items without letters after the description indicates the part is used for all units.

1	281 182 R91	CAP, exhaust rain (Units A and B)
1	283 001 R91	CAP, exhaust rain (Units C and D)
2	307 664 R1	PIPE, exhaust extension (Unit A)
2	283 000 R1	PIPE, exhaust extension (Unit C)
3	318 995 R1	PIPE, exhaust extension (Unit B)
3	320 570 R1	PIPE, exhaust extension (Unit D)
	311 468 R11	CLAMP, exhaust pipe (2 for Unit B)

MISCELLANEOUS EQUIPMENT

ATTACHMENTS

TOOL BOX



REF. NO.	I. H. PART NUMBER	DESCRIPTION
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(X) KEY TO UNITS -

A - 307 210 R91 ATTACHMENT, 21" tool box (less lock and keys) (will work for 264 473 R91) (see NOTE 1 and 3)

B - Parts for 21" tool box w/LOCK and KEYS (see NOTE 1)

(X) - Letters of these units correspond with those shown following the description of the parts in the list below and identifies the unit for which the part is used. Items without letters after the description indicates the part is used on all units.

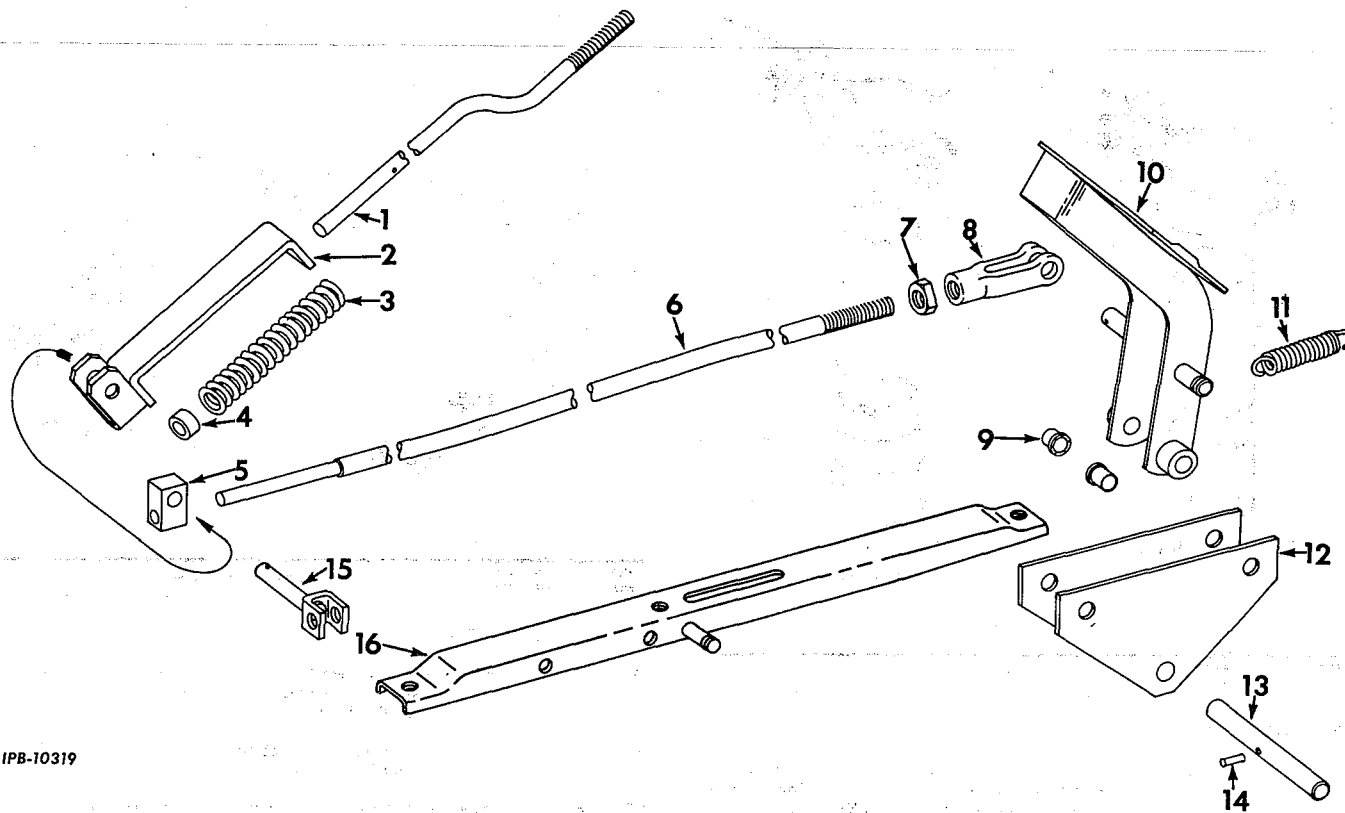
1	280 655 R91	BOX, tool, 21" 3/8" NUT (4) 3/8 x 3/4" hex-hd. cap SCREW (4) 3/8" lock WASHER (4)
2	283 286 R1	BRACKET, tool box support (2) 3/8" NUT (4) 3/8 x 1-1/4" hex-hd. cap SCREW (4) 3/8" lock WASHER (4)
	276 678 R91	PADLOCK w/KEYS (Unit B)

NOTE 1 - Factory Application - Order on Machine Order Form.

NOTE 3 - Field Application - Order through Regular Service Parts Channels.

MISCELLANEOUS EQUIPMENT

ATTACHMENTS
DECELERATOR



IPB-10319

MISCELLANEOUS EQUIPMENT

ATTACHMENTS
DECELERATOR - Continued

REF. NO.	I. H. PART NUMBER	DESCRIPTION
(X) - KEY TO UNITS -		
A -	304 651 R91	ATTACHMENT, decelerator (See NOTE 3)
B -	307 365 R91	ATTACHMENT, decelerator (for use with rigid track loader equipment combination TD-15-420-2 only) (See NOTE 1 and 3)
C -		Service Parts for Decelerator (For use with Equipment Combinations TD-15-500-2, TD-15-502-1, TD-15-504-2 and TD-15-600)
(X) - Letters of these units correspond with those shown following the description of the parts in the list below and identifies the unit for which the part is used. Items without letters after the description indicates the part is used for all units.		
1	304 653 R1	ROD, governor control
2	304 654 R91	TRUNNION, governor control rod and spring support 1/8 x 7/8" b-hd. small solid RIVET
3	304 505 R1	SPRING, governor control
4	304 506 R1	STOP, governor control rod spring
5	269 733 R1	TRUNNION, decelerator control rod 13/32 x 13/16 x 16 ga. plain WASHER

REF. NO.	I. H. PART NUMBER	DESCRIPTION
6	304 659 R1	ROD, decelerator control
7		NUT, 7/16NF jam 3/32 x 3/4" cotter PIN (2)
8	116 537	CLEVIS, adjusting, decelerator control rod
9	277 749 R1	BUSHING, decelerator pedal pivot hub (2)
10	304 660 R92	PEDAL, decelerator
11	304 522 R1	SPRING, decelerator pedal return
12	304 516 R91	SUPPORT, decelerator pedal pivot hub (Units A and C)
12	307 366 R91	SUPPORT, decelerator pedal pivot hub (Unit B) 3/8" NUT (4 for Unit A and C) 3/8 x 3/4" hex-hd cap SCREW (4 for Units A and C) 3/8" lock WASHER (4 for Units A and C)
13	304 521 R1	SHAFT, decelerator pedal pivot 3/32 x 3/4" cotter PIN (2) 17/32 x 1-1/16 x 13 ga. plain WASHER (2)
14	17 054 R1	PIN, decelerator pedal retainer (Unit A and C)
NOTE 1 - Factory Application - Order on Machine Order Form.		
NOTE 3 - Field Application - Order through Regular Service Parts Channels.		



MISCELLANEOUS EQUIPMENT

REF. NO.	I. H. PART NUMBER	DESCRIPTION
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ATTACHMENTS

DECELERATOR - Continued

15	304 657 R91	TRUNNION, governor control rod
16	304 661 R91	SUPPORT, LH (Unit A and C) 3/8" hex. NUT (2) 3/8 x 1" hex-hd cap SCREW 3/8 x 1-1/8" hex-hd cap SCREW 13/32 x 13/16 x 16 ga plain WASHER 3/8" lock WASHER (2)
307 370 R1		PLATFORM, LH (Unit B)
307 371 R1		PLATFORM, center (Unit B)
304 662 R1		PLATFORM, LH (Unit C) 3/8 x 7/8" hex-hd cap SCREW (2) 3/8" lock WASHER (2) 13/32 x 13/16 x 16 ga plain WASHER

TOOL KIT
(Owatonna Tool Co.)



MISCELLANEOUS EQUIPMENT

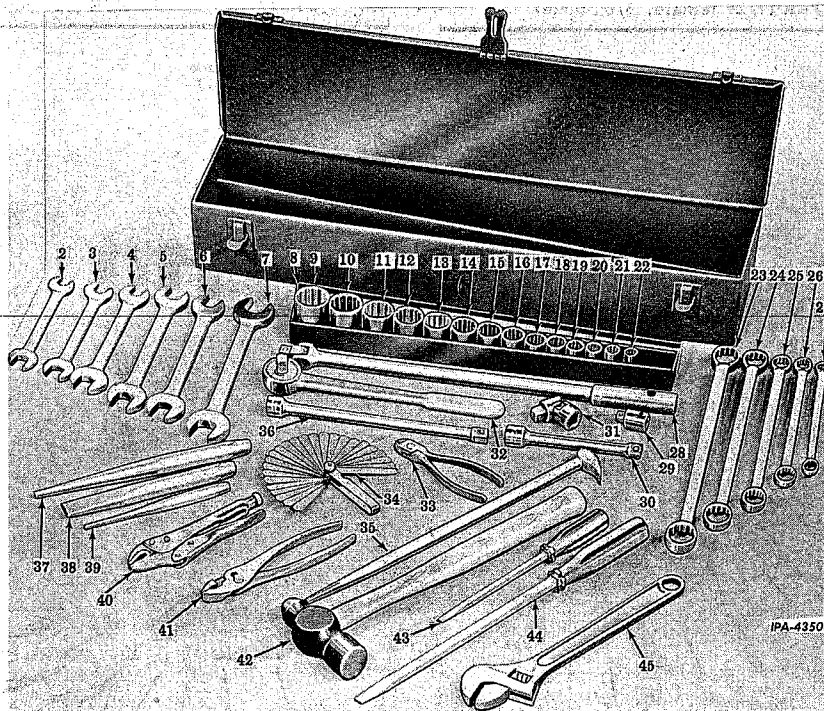
REF. NO.	I. H. PART NUMBER	DESCRIPTION
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ATTACHMENTS

DECELERATOR - Continued

304 663 R1		PLATFORM, center (Unit C) 3/8 x 7/8" hex-hd cap SCREW (2) 3/8" lock WASHER (2) 13/32 x 13/16 x 16 ga plain WASHER (2)
304 652 R91		ROD ASSEMBLY, governor control and trunnion (Composed of - 1 ROD 304 653 R1 1 SPRING 304 505 R1 1 STOP 304 506 R1 1 TRUNNION 304 654 R91)
304 657 R91		TRUNNION, governor control rod (Units A and C)

TOOL KIT - CONTINUED
(Owatonna Tool Co.)



REF. NO.	OWATONNA TOOL CO. NUMBER	DESCRIPTION
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TOOL KIT (IH Part Number, 276 821 R91)
(Consists of forty-three tools and tool box)
(See NOTE)

1	H-391	BOX, tool
2	E-1416	WRENCH, end (7/16 x 1/2")
3	E-1820	WRENCH, end (9/16 x 5/8")

REF. NO.	OWATONNA TOOL CO. NUMBER	DESCRIPTION
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4	E-2022	WRENCH, end (5/8 x 11/16")
5	E-2426	WRENCH, end (3/4 x 13/16")
6	E-2628	WRENCH, end (13/16 x 7/8")
7	E-3032	WRENCH, end (15/16 x 1")

NOTE - Order individual tools and complete tool sets from Service Tools, Inc., 1923 So. Indiana Ave., Chicago 16, Illinois



MISCELLANEOUS EQUIPMENT

REF. NO.	OWATONNA TOOL CO. NUMBER	DESCRIPTION
TOOL KIT - CONTINUED (Owatonna Tool Co.)		
8	195	TRAY
9	140	SOCKET (1-1/4")
10	138	SOCKET (1-3/16")
11	136	SOCKET (1-1/8")
12	134	SOCKET (1-1/16")
13	132	SOCKET (1")
14	130	SOCKET (15/16")
15	128	SOCKET (7/8")
16	126	SOCKET (13/16")
17	124	SOCKET (3/4")
18	122	SOCKET (11/16")
19	120	SOCKET (5/8")
20	118	SOCKET (9/16")
21	116	SOCKET (1/2")
22	114	SOCKET (7/16")
23	B-3032	WRENCH, box (15/16 x 1")
24	B-2628	WRENCH, box (13/16 x 7/8")
25	B-2024	WRENCH, box (5/8 x 3/4")
26	B-1820	WRENCH, box (9/16 x 5/8")
27	B-1416	WRENCH, box (7/16 x 1/2")
28	H-177	HANDLE, flex
29	D-1612	ADAPTER (1/2" female, 3/8" male)

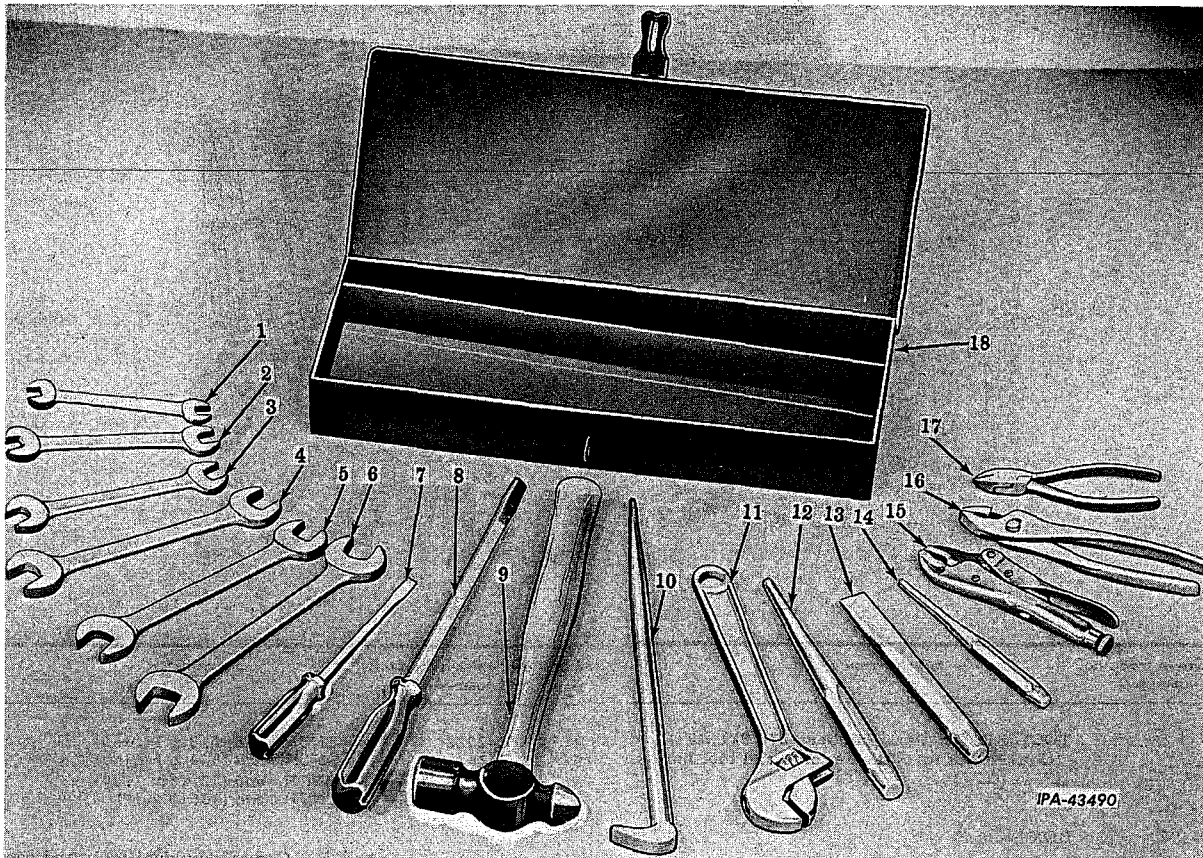
TOOL KIT
(Owatonna Tool Co.)



MISCELLANEOUS EQUIPMENT

REF. NO.	OWATONNA TOOL CO. NUMBER	DESCRIPTION
TOOL KIT - CONTINUED (Owatonna Tool Co.)		
30	H-172	EXTENSION (6")
31	H-189	JOINT, universal
32	H-163	RATCHET (reversible)
33	700-B	CUTTER, diagonal (6")
34	861	GAUGE, feeler (25 blades)
35	PB-43	BAR, pry (9/16" rd. x 16" long)
36	H-173	EXTENSION (10")
37	TP-24	PUNCH (5/16" bit x 10" long)
38	CC-24	CHISEL (7/8" bit x 8" long)
39	PP-6	PUNCH (3/16" bit x 7" long)
40	719	WRENCH, vise grip (7" long)
41	712-A	PLIER (slip joint, 8")
42	BP-32	HAMMER (ball peen)
43	SS-83	SCREWDRIVER (1/4" shank)
44	SS-123	SCREWDRIVER (3/8" shank)
45	DA-12	WRENCH (12" adjustable)

TOOL KIT - CONTINUED
(Owatonna Tool Co.)





MISCELLANEOUS EQUIPMENT

REF. OWATONNA TOOL CO. DESCRIPTION
NO. NUMBER

TOOL KIT - CONTINUED
(Owatonna Tool Co.)

		TOOL KIT (IH Part Number, 276 820 R91) (Consists of seventeen tools and tool box) (See NOTE)
1	E-1416	WRENCH, end (7/16 x 1/2")
2	E-1820	WRENCH, end (9/16 x 5/8")
3	E-2022	WRENCH, end (5/8 x 11/16")
4	E-2426	WRENCH, end (3/4 x 13/16")
5	E-2628	WRENCH, end (13/16 x 7/8")
6	E-3032	WRENCH, end (15/16 x 1")
7	SS-83	SCREWDRIVER (1/4" shank)
8	SS-123	SCREWDRIVER (3/8" shank)
9	BP-32	HAMMER (ball peen)

TOOLS



MISCELLANEOUS EQUIPMENT

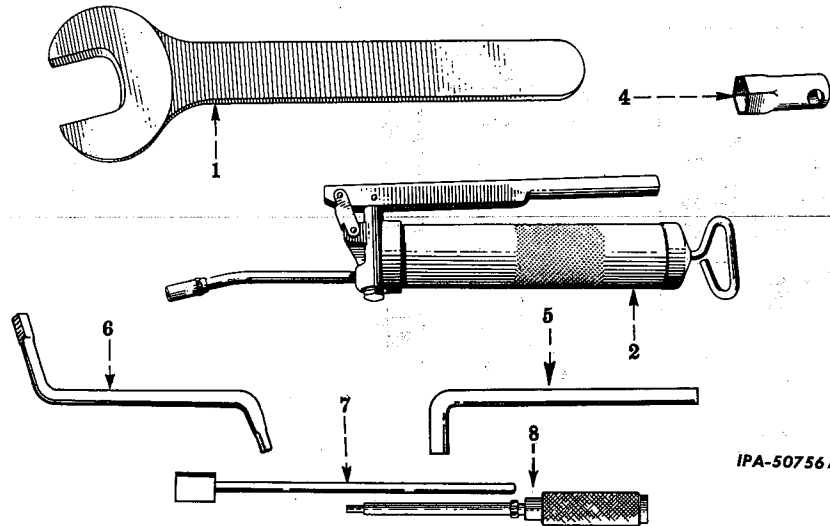
REF. OWATONNA TOOL CO. DESCRIPTION
NO. NUMBER

TOOL KIT - CONTINUED
(Owatonna Tool Co.)

10	PB-32	BAR pry (9/16" rd. x 16" long)
11	DA-12	WRENCH (12" adjustable)
12	TP-24	PUNCH (5/16" bit x 10" long)
13	CC-24	CHISEL (7/8" bit x 8" long)
14	PP-6	PUNCH (3/16" bit x 10" long)
15	719	WRENCH, vise grip (7")
16	712-A	PLIER (slip joint, 8")
17	700-B	CUTTER, diagonal (6")
18	H-190	BOX, tool

NOTE - Order individual tools and complete tool sets from Service Tools, Inc., 1923 So. Indiana Ave., Chicago 16, Illinois

TOOLS - CONTINUED



IPA-50756 A

REF. NO.	I. H. PART NUMBER	DESCRIPTION
1	9 534 DA	WRENCH, front idler adjuster (TD-150 501 to 4000) (TD-151 4001 to 4665)
2	999 677 R91	GUN, lubrication, 15 oz. (will work for 264 289 R91)(Lincoln 1169)
4	46 190 DC	WRENCH, spark plug (7/8")
5	57 025 D	HANDLE, spark plug wrench
6	304 910 R2	WRENCH, sprocket plug (not part of tool set, 304 247 R91)
7	305 537 R91	NOZZEL, assembly, track roller lubricator TD-150-501 to 1721
8	302 085 R91	ADAPTER, hydraulic lubricating

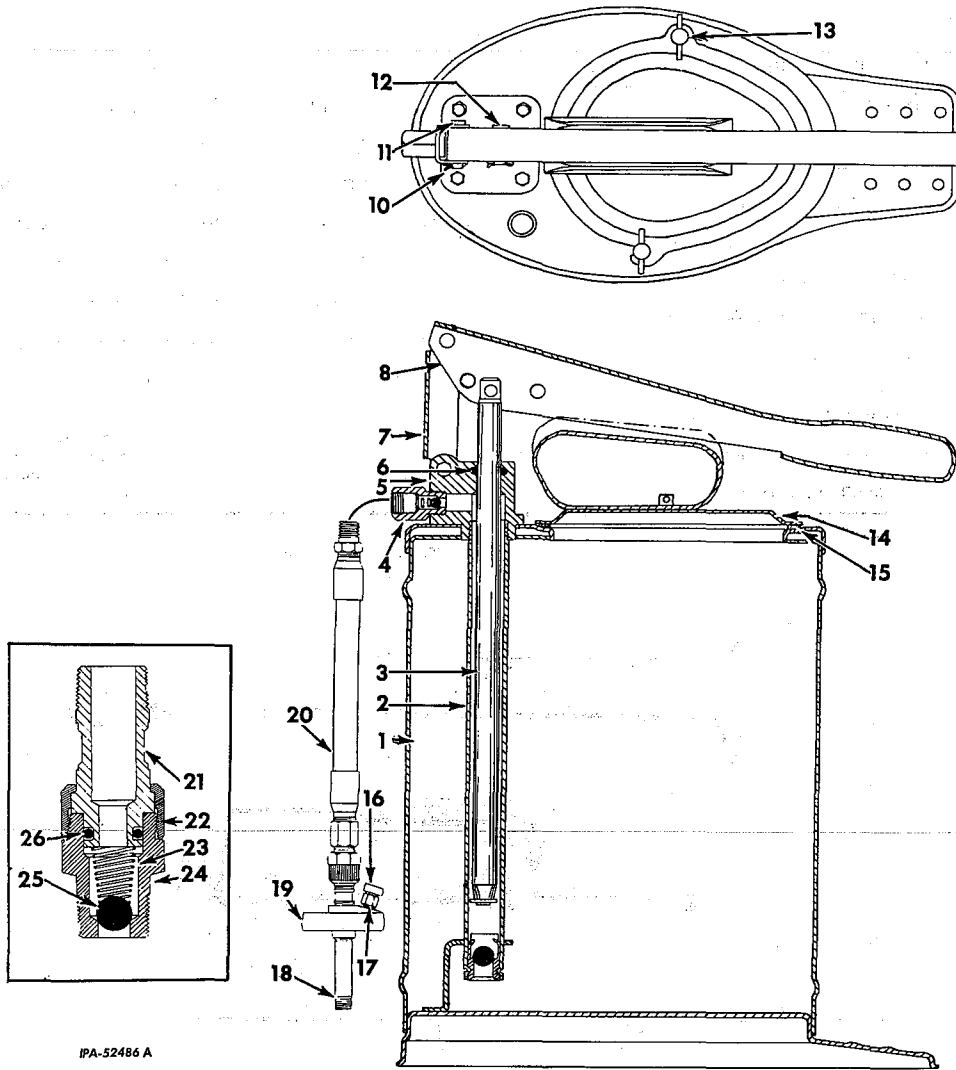
REF. NO.	I. H. PART NUMBER	DESCRIPTION
271 406 R91		CAN, oil, pressure
271 407 R91		EXTENSION, flexible, grease gun

MISCELLANEOUS EQUIPMENT

LUBRICATOR, 262 532 R92
(Tank Type)(Stewart-Warner) TD-150-501 to 1721

MISCELLANEOUS EQUIPMENT

LUBRICATOR, 262 532 R92 - CONTINUED
(Tank Type) (Stewart-Warner) TD-150-501 to 1721



IPA-52486 A

REF. NO.	I. H. PART NUMBER	DESCRIPTION
	262 532 R92	LUBRICATOR w/HOSE and SWIVEL ASSEMBLY (order LUBRICATOR 310 533 R91, together with NOZZLE (1/4" pipe nipple type) 321 268 R91 or NOZZLE (1/8" pipe nipple type) 321 269 R91 as required) (consists of the following parts -
1	278 931 R91	SHELL (G-322100-1)
2	278 932 R91	VALVE and TUBE, foot (G-322923)
3	278 933 R91	ROD and WASHER (G-322926)
4	278 937 R91	VALVE, check (G-322934)
5	278 934 R1	BODY, pump (322115-2) 1/4 x 1/2" hex-hd. cap SCREW (4)
6	278 935 R1	RING, 3/4 x 1 x 1/8" quad (171008-15)

REF. NO.	I. H. PART NUMBER	DESCRIPTION
7	278 936 R1	LINK, lever (322092-2)
8	278 938 R1	LEVER (322932)
10		PIN, 3/32 x 5/8" cotter (3)
11	278 939 R1	PIN (1-7/16" long) (322109-2) (2)
12	278 940 R1	PIN (1-3/16" long) (322109-1)
13	278 946 R1	SCREW, wing (G-322116) (2)
14	278 945 R91	COVER (G-322110-2)
15	278 944 R1	GASKET (50784)
16		Not Used
17		Not Used
18	219 620	NIPPLE, 1/8 x 3" pipe
19	278 949 R1	HANDLE (322938)



MISCELLANEOUS EQUIPMENT



MEMORANDUM

REF. NO.	I. H. PART NUMBER	DESCRIPTION
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LUBRICATOR 262 532 R92 - CONTINUED
 (Tank Type) (Stewart-Warner) TD-150-501 to 1721

20	278 947 R91	HOSE (3 ft. long) (317854-3)
21	278 950 R1	STUD, swivel (322305)
22	278 951 R1	NUT, swivel (40904)
23	306 164 R1	SPRING (322929)
24	306 163 R1	ADAPTER, hose (322940)
25	16 010 R1	BALL (Chrome Grade #2) (322942)
26	252 738 R1	"O" RING (3/8 x 9/16 x 3/32") (171001-8)
	278 943 R1	BUSHING (A-112)
1 001 029 R1		DECAL, IH
	278 942 R1	PLUG (322936)
307 821 R91		LUBRICATOR ASSEMBLY, less HOSE and SWIVEL (G-322920) (order LUBRICATOR, 310 533 R91 together with (*)) (Composed of -
	1	BODY 278 934 R1
	1	COVER 278 945 R91
	1	DECAL 1 001 029 R1
	1	GASKET 278 944 R1
	1	LEVER 278 938 R1
	1	LINK 278 936 R1
	2	PIN 278 939 R1
	1	PIN 278 940 R1
	1	RING 278 935 R1
	1	ROD and
		WASHER 278 933 R91
	2	SCREW 278 946 R1
	1	SHELL 278 931 R91
	1	VALVE 278 937 R91
	1	VALVE and TUBE 278 932 R91)

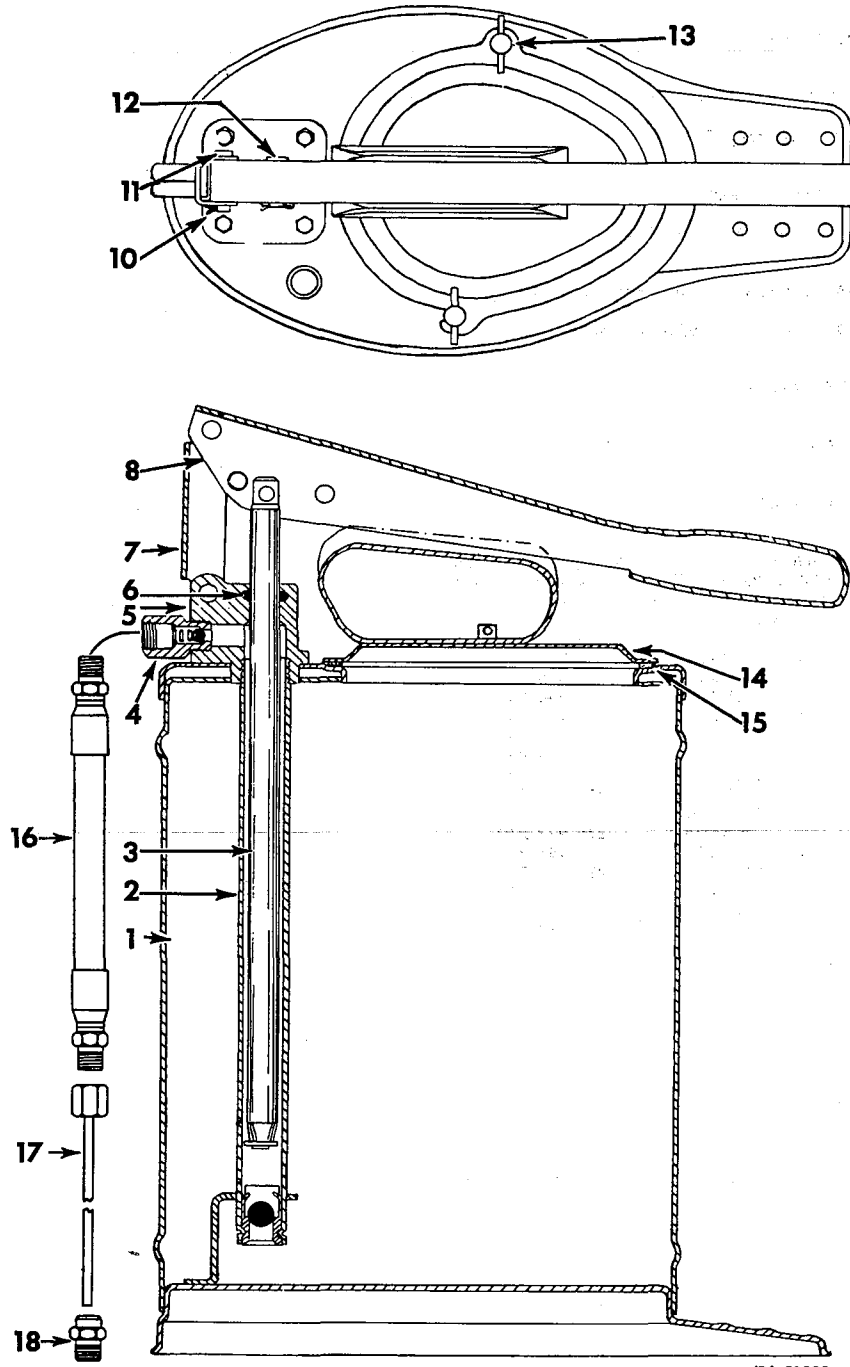
(*) - NOZZLE (1/4" pipe nipple type)
 321 268 R91 or NOZZLE (1/8" pipe nipple type) 321 269 R91 as required.

MISCELLANEOUS EQUIPMENT

LUBRICATOR 307 821 R91
(Tank Type) (Stewart-Warner) TD-150-1722 to 4000
TD-151-4001 to

MISCELLANEOUS EQUIPMENT

LUBRICATOR 307 821 R91 - CONTINUED
(Tank Type) (Stewart-Warner) TD-150-1722 to 4000
TD-151-4001 to



IPA-52828 A

REF. NO.	I. H. PART NUMBER	DESCRIPTION
1	278 931 R91	SHELL (G-322100-2)
2	278 932 R91	VALVE and TUBE, foot (G-322923)
3	278 933 R91	ROD and WASHER (G-322926)

REF. NO.	I. H. PART NUMBER	DESCRIPTION
4	278 937 R91	VALVE, check (G-322934)
5	278 934 R1	BODY, pump (322115-3) 1/4 x 1/2" hex-hd. cap SCREW (4)

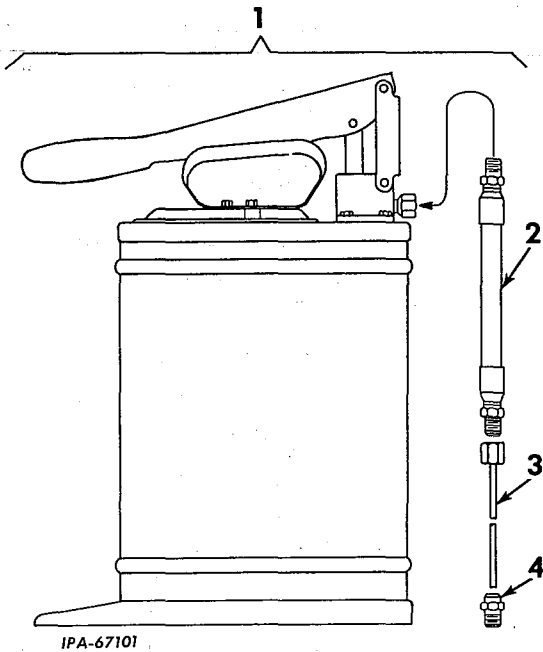
MISCELLANEOUS EQUIPMENT

REF. NO.	I.H. PART NUMBER	DESCRIPTION
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LUBRICATOR 307 821 R91 - CONTINUED
(Tank Type) (Stewart-Warner) TD-150-1722 to 4000
TD-151-4001 to

6	278 935 R1	RING, 3/4 x 1 x 1/8" quad. (171008-15)
7	278 936 R1	LINK, lever (322092-3)
8	278 938 R1	LEVER (322932)
10		PIN, 3/32 x 5/8" cotter (3)
11	278 939 R1	PIN, 1-7/16" long (322109-2)(2)
12	278 940 R1	PIN, 1-3/16" long (322109-1)
13	278 946 R1	SCREW, wing (G-322116)(2)
14	278 945 R91	COVER (G-322110-3)
15	278 944 R1	GASKET (50784)
16	310 534 R91	HOSE (3 ft. long)(317865-3)
17	310 535 R91	TUBE (G-324461)
18	310 536 R1	ADAPTER (324464)
	1 001 029 R1	DECAL, IH

LUBRICATOR
(Tank Type) (Stewart-Warner)



MISCELLANEOUS EQUIPMENT

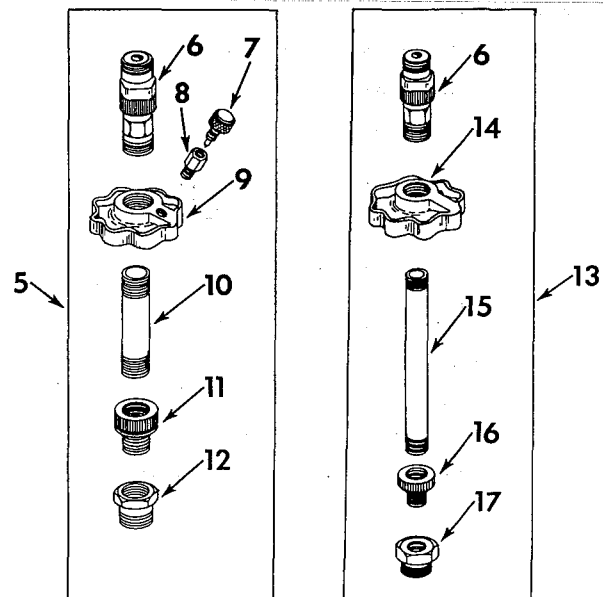
REF. NO.	I.H. PART NUMBER	DESCRIPTION
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LUBRICATOR 307 821 R91 - CONTINUED
(Tank Type) (Stewart-Warner) TD-150-1722 to 4000
TD-151-4001 to

307 821 R91	LUBRICATOR ASSEMBLY, less HOSE, tank (G-322920) (See NOTE)	
	(Composed of -	
1	BODY	278 934 R1
1	COVER	278 945 R91
1	DECAL	1 001 029 R1
1	GASKET	278 944 R1
1	LEVER	278 938 R1
1	LINK	278 936 R1
2	PIN	278 939 R1
1	PIN	278 940 R1
1	RING	278 935 R1
1	ROD and	
	WASHER	278 933 R91
2	SCREW	278 946 R1
1	SHELL	278 931 R91
1	VALVE	278 937 R91
1	VALVE and	
	TUBE	278 932 R91

NOTE - Order LUBRICATOR 310 533 R91 and NOZZLE (1/4" pipe nipple type) 321 268 R91 or NOZZLE (1/8" pipe nipple type) 321 269 R91 as required.

LUBRICATOR - CONTINUED
(Tank Type) (Stewart-Warner)





MISCELLANEOUS EQUIPMENT

REF. NO.	I.H. PART NUMBER	DESCRIPTION
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LUBRICATOR - CONTINUED
(Tank Type) (Stewart-Warner)

1	310 533 R91	LUBRICATOR w/ADAPTER, 310 536 R1, HOSE, 310 534 R91 and TUBE, 310 535 R91, tank type bucket (7552) (Lubricator includes adapter for use on units with tube type lubricant openings. When lubricator is used on units equipped with threaded type lubricant openings, NOZZLE ASSEMBLY, 321 268 R91 or 321 269 R91, must be ordered as required.
2	310 534 R91	HOSE (3 ft long) (317865-3)
3	310 535 R91	TUBE (G-324461)
4	310 536 R1	ADAPTER (324464) (for tube type lubrication openings)
5	321 268 R91	NOZZLE ASSEMBLY, 1/4" pipe nipple type (G-327041) (for units equipped with threaded lubrication openings) (Composed of -
	1	ADAPTER 265 458 R1
	1	ADAPTER 321 273 R1
	1	HANDLE 265 459 R1
	1	NIPPLE 192 054
	1	PLUG 265 457 R1
	1	SCREW 265 461 R1
	1	SEAT 265 460 R1
	1	SWIVEL 278 948 R91)
6	278 948 R91	SWIVEL w/"O" RING, 310 926 R1 (G-322939)
7	265 461 R1	SCREW, release valve (47123)
8	265 460 R1	SEAT, release valve (47124)
9	265 459 R1	HANDLE (322941)
10	192 054	NIPPLE, 1/4 x 2-1/2" pipe (cd or zn-pltd) (for threaded type lubrication openings)
11	265 457 R1	PLUG (EX-80412-CD)
12	265 458 R1	ADAPTER (40996)
13	321 269 R91	NOZZLE ASSEMBLY, 1/8" pipe nipple type (G-327040) (for units equipped with threaded lubrication openings) (Composed of -
	1	ADAPTER 321 273 R1
	1	BUSHING 278 943 R1
	1	HANDLE 278 949 R1
	1	NIPPLE 219 620
	1	PLUG 278 942 R1
	1	SWIVEL 278 948 R91)
14	278 949 R1	HANDLE (322938)
15	219 620	NIPPLE, 1/8 x 12" pipe (cd or zn-pltd) (for threaded type lubrication openings)
16	278 942 R1	PLUG (EX-80661-AT)
17	278 943 R1	BUSHING (A-112)
	321 273 R1	ADAPTER, nozzle (327042)
	310 926 R1	"O" RING, swivel (3/8 x 9/16 x 3/32")

NOTE 1 - Factory Application - Order on Machine Order Form.

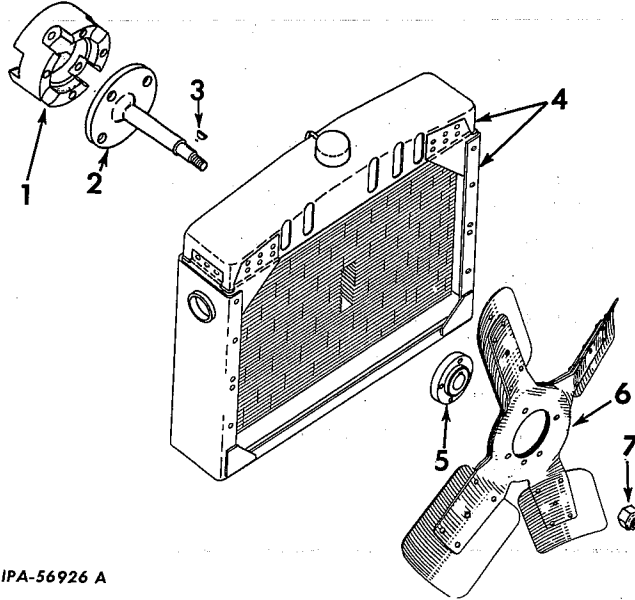
NOTE 3 - Field Application - Order through Regular Service Parts Channels.



MISCELLANEOUS EQUIPMENT

ATTACHMENTS

OUTBOARD FAN (TD-15-150 Series)



IPA-56926 A

REF. NO.	I.H. PART NUMBER	DESCRIPTION
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(X) - KEY TO UNITS -

- A - 311 288 R91 ATTACHMENT, outboard fan (not used on machines equipped with radiator shutter) (for use with blower fan attachment 274 630 R91 or 277 085 R91) (See NOTE 3)
- B- Service parts for tropical outboard fan (not used on machines equipped with radiator shutter)
- C- Service parts for light duty outboard fan (not used on machines equipped with radiator shutter)

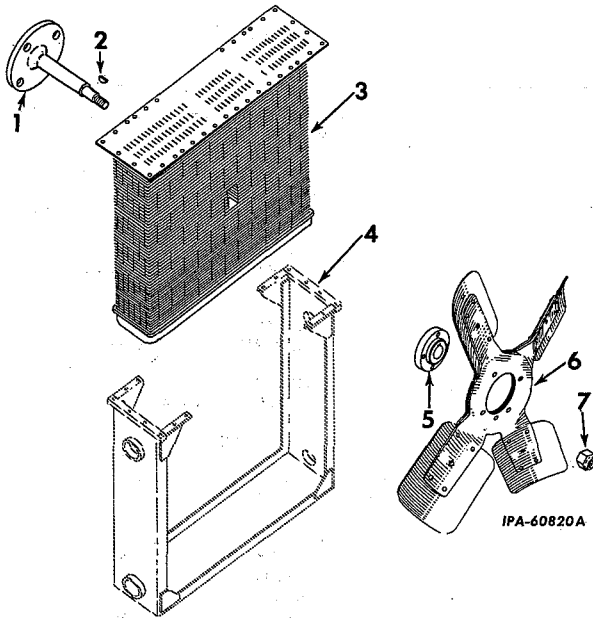
(X) - Letters of these units correspond with those shown following the description of the parts in the list below and identifies the unit for which the part is used. Items without letters after the description indicates the part is used for all units.

1	311 289 R1	ADAPTER, outboard fan extension shaft 5/16 x 1-1/2" hex-hd. cap SCREW (4) 5/16" lock WASHER (4)
2	316 926 R2	SHAFT, outboard fan 5/16 x 5/8" hex-hd. cap SCREW (4) 5/16" lock WASHER (4)
3	103 646	KEY, 1/8 x 3/4" Woodruff
4	311 325 R93	RADIATOR (For service only - not furnished as part of attachment)
5	307 446 R1	HUB, outboard fan
6	274 630 R91	ATTACHMENT, blower fan (See NOTE 1 and 3) (Unit B)
6	277 085 R91	ATTACHMENT, blower fan (See NOTE 1 and 3) (Unit C)
7	18 453 R1	NUT, 5/8NF elastic stop
	2 750 612 R1	DECAL, outboard fan caution



MISCELLANEOUS EQUIPMENT

OUTBOARD FAN (TD-15-15I SERIES)



REF. NO.	I. H. PART NUMBER	DESCRIPTION
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(X) - KEY TO UNITS -

A - 322 201 R91 ATTACHMENT, outboard fan (not used on machines equipped with radiator shutter) (for use on machines equipped with Blower Fan 274 630 R91 or 277 085 R91) (See NOTE 3)

B - Service parts for tropical outboard fan (not used on machines equipped with radiator shutter)

(X) - Letters of these units correspond with those shown following the description of the parts in the list below and identifies the unit for which the part is used. Items without letters after the description indicates the part is used for all units.

1	322 202 R1	SHAFT, outboard fan 5/16 x 1" hex-hd. cap SCREW (4) 5/16" lock WASHER (4)
2	103 646	KEY, outboard fan hub (1/8 x 3/4" Woodruff)
3	348 102 R91	CORE w/lower TANK, radiator
4		FRAME (Not Furnished Separately)
5	307 446 R1	HUB, outboard fan
6	274 630 R91	FAN, blower (24" dia) (four blade) (Unit B)
7	18 453 R1	NUT, 5/8NF elastic stop
	2 750 612 R1	DECAL, outboard fan caution

NOTE 3 - Field Application - Order through Regular Service Parts Channels.



MEMORANDUM



MISCELLANEOUS EQUIPMENT

REF. NO.	I. H. PART NUMBER	DESCRIPTION
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ATTACHMENTS

ALTITUDE COMPENSATION

320 593 R91	ATTACHMENT, altitude compension (TD-15 (150 Series) equipped with standard hood) (See NOTE 3) (*) (Composed of -	
2	ADAPTER	321 359 R1
4	BOLT	318 323 R1
2	BRACKET	318 318 R11
1	CAP	321 259 R1
3	CLAMP	122 316 R91
2	CLAMP	276 223 R91
4	CLAMP	279 029 R91
2	CLAMP	279 038 R91
1	CLEANER	338 981 R91
3	CLIP	267 787 R91
1	CONNECTOR	19 715 R1
2	DECALCOMANIA	
		1 001 681 R3
1	DECALCOMANIA	
		2 751 041 R1
1	ELBOW	36 637 D
1	ELBOW	444 054
1	ELBOW	171 810 R1
1	ELBOW	304 398 R1
1	ELBOW	318 320 R11
1	EXTENSION	276 226 R1
1	FLANGE	318 379 R1
1	GASKET	253 660 R1
1	GASKET	253 664 R1
1	GASKET	304 391 R1
6	GASKET	322 519 R1
1	HOSE	278 637 R1
1	HOSE	310 385 R1
1	HOSE	312 109 R1
1	HOSE	321 356 R91
1	INDICATOR	324 365 R91
4	LOCK	50 408 D
1	MANIFOLD	318 316 R11
1	MANIFOLD	318 317 R1
1	NIPPLE	120 278
1	NIPPLE and	
	FILTER	317 972 R91
2	NUT	36 092 D
8	NUT	253 665 R1
1	PIPE	318 324 R11
1	PIPE	320 598 R1
2	PLUG	444 734
4	PLUG	445 684
1	RETAINER	318 322 R1
1	SLEEVE	318 321 R1
2	STRAP	320 597 R1
8	STUD	41 634 D
4	STUD	271 904 R1
1	SUPPORT	320 595 R11
1	TEE	120 280
1	TUBE	318 327 R11
1	TUBE	321 591 R1
1	TURBOCHARGER	
		321 381 R91
1	UNLOADER	324 194 R91)



MISCELLANEOUS EQUIPMENT

REF. NO.	I. H. PART NUMBER	DESCRIPTION
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ATTACHMENTS

ALTITUDE COMPENSATION - Continued

320 594 R91	ATTACHMENT, altitude compensation (TD-15 (150 Series) equipped with heavy hood) (See NOTE 3) (*) (Composed of -	
2	ADAPTER	321 359 R1
4	BOLT	318 323 R1
2	BRACKET	318 318 R11
1	CAP	321 272 R1
3	CLAMP	122 316 R91
4	CLAMP	279 029 R91
2	CLAMP	279 038 R91
2	CLAMP	318 766 R91
1	CLEANER	338 981 R91
3	CLIP	267 787 R91
1	CONNECTOR	19 715 R1
2	DECALCOMANIA	
		1 001 681 R3
1	DECALCOMANIA	
		2 751 041 R1
1	ELBOW	36 637 D
1	ELBOW	444 054
1	ELBOW	171 810 R1
1	ELBOW	304 398 R1
1	ELBOW	318 320 R11
1	FLANGE	318 379 R1
1	GASKET	253 660 R1
1	GASKET	253 664 R1
1	GASKET	304 391 R1
6	GASKET	322 519 R1
1	HOSE	278 637 R1
1	HOSE	310 385 R1
1	HOSE	312 109 R1
1	HOSE	321 356 R91
1	INDICATOR	324 365 R91
4	LOCK	50 408 D
1	MANIFOLD	318 316 R11
1	MANIFOLD	318 317 R1
1	NIPPLE	120 278
1	NIPPLE and	
	FILTER	317 972 R91
2	NUT	36 092 D
8	NUT	253 665 R1
1	PIPE	318 324 R11
1	PIPE	320 569 R1
1	PIPE	320 598 R1
2	PLUG	444 734
4	PLUG	445 684
1	RETAINER	318 322 R1
2	RETAINER	320 565 R91
1	SEAL	341 274 R1
1	SLEEVE	318 321 R1
1	SPRING	320 568 R1
2	STRAP	320 597 R1
8	STUD	41 634 D
4	STUD	271 904 R1
1	SUPPORT	320 595 R11
1	TEE	120 280
1	TUBE	318 327 R11
1	TUBE	318 765 R1
1	TUBE	320 625 R1
1	TUBE	321 591 R1
1	TURBOCHARGER	
		321 381 R91
1	UNLOADER	324 194 R91)

NOTE 3 - Field Application - Order through Regular Service Parts Channels.

(*) - Individual service parts are listed and illustrated in "Fuel System", "Turbo-charger and Piping" and "Sheet Metal, Fenders, Platforms and Seats" section of this catalog.



MISCELLANEOUS EQUIPMENT

REF. No.	I.H. PART NUMBER	DESCRIPTION
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ATTACHMENTS

Altitude Compensation - Continued

322 117 R91 ATTACHMENT, altitude compensation (TD-15 (151 Series) equipped with standard hood) (See NOTE 3) (*)

(Composed of -

2	ADAPTER	321 359 R1
4	BOLT	318 323 R1
1	BRACE	322 474 R1
2	CLAMP	122 316 R91
2	CLAMP	276 223 R91
2	CLAMP	279 029 R91
2	CLAMP	279 038 R91
3	CLIP	267 787 R91
1	ELBOW	444 054
1	ELBOW	171 810 R1
1	ELBOW	318 320 R11
1	EXTENSION	276 226 R1
1	FLANGE	318 379 R1
1	GASKET	253 660 R1
1	GASKET	253 664 R1
1	GASKET	304 391 R1
6	GASKET	322 519 R1
1	HOSE	278 637 R1
1	HOSE	310 385 R1
1	HOSE	312 109 R1
1	HOSE	321 356 R91
4	LOCK	50 408 D
1	MANIFOLD	318 316 R11
1	MANIFOLD	318 317 R1
1	NIPPLE	120 278
8	NUT	253 665 R1
1	PIPE	318 324 R11
1	PIPE	320 598 R1
4	PLUG	445 684
1	RETAINER	318 322 R1
1	SHIELD	322 119 R1
1	SLEEVE	318 321 R1
8	STUD	41 634 D
4	STUD	271 904 R1
1	TEE	120 280
1	TUBE	318 327 R11
1	TURBOCHARGER	321 381 R91)



MISCELLANEOUS EQUIPMENT

REF. No.	I.H. PART NUMBER	DESCRIPTION
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ATTACHMENTS

Altitude Compensation - Continued

322 123 R91 ATTACHMENT, altitude compensation (TD-15 (151 Series) equipped with heavy hood except loader tractors) (See NOTE 3) (*)

(Composed of -

2	ADAPTER	321 359 R1
4	BOLT	318 323 R1
1	BRACE	322 474 R1
2	CLAMP	122 316 R91
2	CLAMP	279 029 R91
2	CLAMP	279 038 R91
3	CLIP	267 787 R91
1	ELBOW	444 054
1	ELBOW	171 810 R1
1	ELBOW	318 320 R11
1	FLANGE	318 379 R1
1	GASKET	253 660 R1
1	GASKET	253 664 R1
1	GASKET	304 391 R1
6	GASKET	322 519 R1
1	HOSE	278 637 R1
1	HOSE	310 385 R1
1	HOSE	312 109 R1
1	HOSE	321 356 R91
4	LOCK	50 408 D
1	MANIFOLD	318 316 R11
1	MANIFOLD	318 317 R1
1	NIPPLE	120 278
8	NUT	253 665 R1
1	PIPE	318 324 R11
1	PIPE	320 598 R1
4	PLUG	445 684
1	RETAINER	318 322 R1
2	RETAINER	320 565 R91
1	SHIELD	322 119 R1
1	SLEEVE	318 321 R1
1	SPRING	320 568 R1
8	STUD	41 634 D
4	STUD	271 904 R1
1	TEE	120 280
1	TUBE	318 327 R11
1	TURBOCHARGER	312 381 R91)

NOTE 3 - Field Application - Order through Regular Service Parts Channels.
 (*) - Individual service parts are listed and illustrated in "Fuel System", "Turbo-charger and Piping" and "Sheet Metal, Fenders, Platforms and Seats" section of this catalog.



MISCELLANEOUS EQUIPMENT

REF. NO.	I.H. PART NUMBER	DESCRIPTION
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ATTACHMENTS

Altitude Compensation - Continued

331 788 R91	ATTACHMENT, altitude compensation (TD-15 (151 Series) loader tractors) (See NOTE 2) (*)	
	(Composed of -	
2	ADAPTER	321 359 R1
4	BOLT	318 323 R1
1	BRACE	322 474 R1
2	CLAMP	122 316 R91
2	CLAMP	279 029 R91
2	CLAMP	279 038 R91
3	CLIP	267 787 R91
1	ELBOW	444 054
1	ELBOW	171 810 R1
1	ELBOW	318 320 R11
1	FLANGE	318 379 R1
1	GASKET	253 660 R1
1	GASKET	253 664 R1
1	GASKET	304 391 R1
6	GASKET	322 519 R1
1	HOSE	278 637 R1
1	HOSE	310 385 R1
1	HOSE	312 109 R1
1	HOSE	321 356 R91
4	LOCK	50 408 D
1	MANIFOLD	318 316 R11
1	MANIFOLD	318 317 R1
1	NIPPLE	120 278
8	NUT	253 665 R1
1	PIPE	318 324 R11
1	PIPE	320 598 R1
4	PLUG	445 684
1	RETAINER	318 322 R1
2	RETAINER	320 565 R91
1	SEAT	305 212 R1
1	SHIELD	322 119 R1
1	SLEEVE	318 321 R1
1	SPRING	320 568 R1
8	STUD	41 634 D
4	STUD	271 904 R1
1	TEE	120 280
1	TUBE	318 327 R11
1	TURBOCHARGER	321 381 R91)



MISCELLANEOUS EQUIPMENT

REF. NO.	I.H. PART NUMBER	DESCRIPTION
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ATTACHMENTS

INCREASED COOLING

322 392 R91	ATTACHMENT, increased cooling w/inboard fan (suction) (TD-15 (150 Series) (See NOTE 3) (*)	
	(Composed of -	
1	BAFFLE	322 393 R1
1	BAFFLE	322 394 R1
1	BAFFLE	322 395 R1
1	BAFFLE	322 396 R1
1	BAFFLE	322 397 R1
1	BELT	304 071 R11
1	CAP	259 599 R91
1	CLAMP	259 603 R91
1	CONNECTOR	18 506 R1
1	FAN	321 569 R91
§ 1	FLANGE	
§ 1	FLANGE	
2	GASKET	320 391 R1
1	HANDLE	262 603 R11
1	HOUSING	320 390 R1
1	NUT	371 217 R1
1	RADIATOR	322 389 R91
1	TUBE	322 398 R1
1	VALVE	321 149 R91)

322 399 R91	ATTACHMENT, increased cooling w/outboard fan (blower) (TD-15 (150 Series) (See NOTE 3) (*)	
	(Composed of -	
1	BAFFLE	322 393 R1
1	BAFFLE	322 394 R1
1	BAFFLE	322 395 R1
1	BAFFLE	322 396 R1
1	BAFFLE	322 397 R1
1	BELT	304 071 R11
1	CAP	259 599 R91
1	CLAMP	259 603 R91
2	CLAMP	274 089 R91
1	CONNECTOR	18 506 R1
1	FAN	321 568 R91
§ 1	FLANGE	
§ 1	FLANGE	
2	GASKET	320 391 R1
1	HANDLE	262 603 R11
1	HOSE	48 918 DA
1	HOUSING	320 390 R1
1	HUB	307 446 R1
1	NUT	371 217 R1
1	PIPE	320 341 R1
1	PUMP	318 230 R91
1	RADIATOR	322 390 R91
1	SHAFT	322 202 R1
1	TUBE	322 398 R1
1	VALVE	321 149 R91)

NOTE 2 - Field Application - Order on Machine Order Form.

NOTE 3 - Field Application - Order through Regular Service Parts Channels.

§ - Not Furnished Separately.

(*) - Individual service parts are listed and illustrated in "Fuel System", "Turbo-charger and Piping" and "Sheet Metal, Fenders, Platforms and Seats" sections of this catalog.



MISCELLANEOUS EQUIPMENT

REF. NO.	I.H. PART NUMBER	DESCRIPTION
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ATTACHMENTS

INCREASED COOLING - Continued

322 450 R91	ATTACHMENT, increased cooling w/reversible fan (not for use on machines equipped with Radiator Shutter, Transmission Oil Cooler or Fan Guard Attachments) (TD-15 (150 Series) (See NOTE 3) (*)	
	(Composed of -	
1	BAFFLE	322 394 R1
1	BAFFLE	322 395 R1
1	BAFFLE	322 454 R1
1	BAFFLE	322 455 R1
1	BAFFLE	322 456 R1
1	BELT	304 071 R11
4	BRACKET	322 457 R91
1	CAP	259 599 R91
1	CLAMP	259 603 R91
1	CONNECTOR	18 506 R1
1	FAN	321 567 R91
§ 1	FLANGE	
§ 1	FLANGE	
2	GASKET	320 391 R1
1	HANDLE	262 603 R11
1	HOSE	58 058 DAM
1	HOSE	276 915 R2
1	HOUSING	320 393 R1
1	NUT	371 217 R1
1	RADIATOR	322 391 R91
1	SHROUD	322 451 R91
1	SHROUD	322 452 R91
1	TUBE	322 398 R1
1	VALVE	321 419 R91)

322 527 R91	ATTACHMENT, increased cooling w/reversible fan (not for use on machines equipped with Radiator Shutter Transmission Oil Cooler or Fan Guard Attachments) (TD-15 (151 Series) (See NOTE 3) (*)	
	(Composed of -	
1	BAFFLE	322 058 R1
1	BAFFLE	322 456 R1
1	BAFFLE	322 525 R1
1	BELT	304 071 R11
4	BRACKET	322 457 R91
1	CORE	348 192 R91
1	FAN	321 567 R91
1	HOSE	58 058 DAM
§ 2	SPACER)

§ - Not Furnished Separately.
 (*) - Individual service parts are listed and illustrated in "Cooling System" of this catalog.
 NOTE 3 - Field Application - Order through Regular Service Parts Channels.



MISCELLANEOUS EQUIPMENT

I.H. PART NUMBER	DESCRIPTION
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PRODUCT GRAPHICS

1 001 371 R3	DECALCOMANIA, final fuel filter instruction
1 001 374 R3	DECALCOMANIA, auxiliary fuel filter instruction
1 001 681 R3	DECALCOMANIA, lubrication oil filter instruction (2) (TD-15-150 Series Altitude Compensation Attachments)
2 750 790 R1	DECALCOMANIA, lubrication oil filter instruction (2)
306 942 R92	PACKAGE, service decalcomania (consists of 27 DECALCOMANIAS as follows)
1 001 798 R1	DECALCOMANIA, "TD-14" Model symbol (2)
1 001 265 R1	DECALCOMANIA, "TD-14A" Model symbol (2)
2 750 145 R1	DECALCOMANIA, "I. H." monogram (rear of tank)
2 750 078 R1	DECALCOMANIA, "I. H." monogram (radiator mounting frame) (2)
1 001 633 R1	DECALCOMANIA, "International" (rear of tank) *
1 001 632 R1	DECALCOMANIA, "International" (on hood) (2) *
1 001 454 R1	DECALCOMANIA, "Diesel" (rear of tank) *
2 750 004 R1	DECALCOMANIA, gear shifting diagram (not TD-15) (150 Series)
1 000 693 R3	DECALCOMANIA, "I. H. of Canada"
2 750 579 R1	DECALCOMANIA, air cleaner instructions (Dry Type)
1 000 889 R4	DECALCOMANIA, injection pump lubrication
1 001 071 R2	DECALCOMANIA, generator warning
2 750 243 R2	DECALCOMANIA, engine shut-down
2 750 642 R1	DECALCOMANIA, engine running with tractor stopped
2 750 496 R1	DECALCOMANIA, "TD-15" Model symbol (2)
2 750 329 R1	DECALCOMANIA, "International" (rear of tank)
2 750 328 R1	DECALCOMANIA, "International" (on hood) (2)
2 750 492 R1	DECALCOMANIA, "Diesel" (rear of tank)
2 750 244 R1	DECALCOMANIA, shifting diagram
2 750 814 R1	DECALCOMANIA, transmission oil filter gauge

* - Used only on tractors painted other than I. H. standard yellow.

MISCELLANEOUS EQUIPMENT



REF. NO.	I. H. PART NUMBER	DESCRIPTION
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ASSORTED GASKET SETS

332 658 R91		GASKET SET, crankcase (Consists of -
W 16 210		FELT, fan belt idler-pulley
42 769 D		GASKET, carburetor
257 214 R1		GASKET, water pump oil seal housing
251 719 R2		GASKET, water pump cover
251 717 R2		GASKET, water pump
318 227 R1		GASKET, water pump cover
253 977 R1		GASKET, oil transfer cover
252 022 R2		GASKET, push rod chamber side plate (2)
59 481 DB		GASKET, breather body
252 039 R2		GASKET, crankcase front cover
48 143 DC		GASKET, fuel pump gear cover
252 045 R1		GASKET, fuel pump supply pump pad cover
250 886 R2		GASKET, oil filter body
46 137 D		GASKET, crankcase rear dust seal
252 029 R3		GASKET, water header (2)
271 702 R1		GASKET, crankcase rear oil seal retainer (center (between halves) (2)
252 032 R3		GASKET, crankshaft rear oil seal retainer
252 034 R1		GASKET, crankcase oil seal retainer plate
252 036 R3		GASKET, crankcase oil pan
62 939 DB		GASKET, fuel injection pump
46 583 DA		GASKET, fuel injection pump
13 839 D		GASKET, fuel filter case stud
13 841 D		GASKET, fuel filter case
260 708 R2		GASKET, water trap bowl
51 527 DC		GASKET, water trap bracket
42 789 D		GASKET, lubricating oil pump cover
13 839 D		GASKET, oil filter case retainer bar (2)
13 841 D		GASKET, oil filter case (2)
250 767 R3		GASKET, oil filter base
252 690 R2		GASKET, radiator outlet elbow
252 690 R2		GASKET, radiator inlet elbow
254 379 R2		GASKET, fuel transfer pump drive housing
261 959 R1		GASKET, lubricating oil filter base
261 629 R1		GASKET, lubricating oil filter by-pass valve housing
59 658 D		GASKET, crankcase oil pan drain plug
50 529 D		GASKET, air cleaner pipe flange
260 839 R1		GASKET, fuel filter case cover (2)
261 535 R1		GASKET, fuel filter cover nut (2)
261 836 R1		GASKET, oil filter case (2)
261 835 R1		GASKET, oil filter standpipe (2)
28 781 D		GASKET, lubrication oil filter by-pass valve retaining nut
268 770 R2		PLUG, crankcase oil seal retainer plate (2)
62 866 D		WASHER, push rod chamber side plate cap screw (8)
261 342 R91		GASKET SET, cylinder head (not for use with jet type cooling system) (for components see list of parts under details of "Cylinder Head, Valves, Starting Valves and Valve Mechanism")
332 659 R91		GASKET SET, cylinder (for use with jet type cooling system) (for components see list of parts under details of "Cylinder Head, Valves Starting Valves and Valve Mechanism.")

MEMORANDUM



EQUIPMENT COMBINATIONS

INDEX TO EQUIPMENT COMBINATIONS

DESCRIPTION	Page
Backfiller (TD-15-700-0).....	163
Index to Units Common for Equipment Combinations	165
Loader, rigid track (TD-15-420-2).....	148
Pay Welder (TD-15-600-1)	162
Sideboom TD-15-500-2.....	152
TD-15-502-1.....	155
TD-15-504-2.....	156



EQUIPMENT COMBINATIONS

I. H. PART NUMBER	DESCRIPTION
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RIGID TRACK LOADER

(Drott)
 TD-15-420-2 EQUIPMENT COMBINATION, rigid track loader TD-15 (150 Series) and TD-15 (151 Series), 74 inch gauge crawler tractor (for use with Drott 15K-3 steel mill special skid shovel)

304 244 R91	ATTACHMENT, 18" overlapping flat shoe (*) (See NOTE)
304 294 R91	ATTACHMENT, crankcase guard (See NOTE)
274 630 R91	ATTACHMENT, blower fan (See NOTE) Heavy Hood (See NOTE)
	Extended track frame (Special) (See NOTE) Tropical outboard fan (Special) (See NOTE)
276 375 R11	BAR, seat tie
276 378 R1	BOLT, seat hold down 3/8" wing NUT 13/32 x 13/16 x 16 ga. flat WASHER
276 132 R91	BOX, tool (21") 3/8" NUT (4) 3/8" hex-hd. cap SCREW (4) 3/8" lock WASHER (4)
275 268 R1	BRACKET, seat hinge (2)
316 648 R11	BRACKET, light mounting (2) 3/8 x 1-1/8" hex-hd cap SCREW (6) 3/8" lock WASHER (6)
307 317 R12	CHANNEL, slide rail (part of Adjustable Seat Slide Rail Service Package and Seat Frame Service Package) (2)
267 788 R91	CLIP, tail light wire cable (mount on tool box counting bracket inner rear bolt)
272 239 R92	CUSHION, seat side 3/8 x 3/4" hex-hd. cap SCREW (8) 3/8" lock WASHER (8)
273 499 R91	CUSHION, seat back 5/16 x 3/4" hex-hd. cap SCREW (2) 5/16" lock WASHER (2)
273 500 R92	CUSHION, seat bottom
276 737 R92	DASH (TD-15-150)
322 019 R91	DASH (TD-15-151)
273 498 R92	FRAME, w/slide RAIL, seat (order Seat Frame Service Package and Support, 311 286 R91)
307 312 R91	FRAME, seat (part of Seat Frame Service Package)
307 315 R1	NUT, seat cushion on bottom pilot (2) 5/16" NF NUT (2) 5/16" internal-tooth lock WASHER (4)
307 314 R91	FRAME, seat (order Seat Frame Service Package and Support, 311 286 R91)
275 269 R1	HINGE, seat (2)
253 584 R1	LEVER, control 1/4 x 7/8" hex-hd. cap SCREW 1/4" lock WASHER
303 389 R92	LEVER, LH steering clutch hand
303 389 R92	LEVER, RH steering clutch hand TD-150 1913
307 489 R92	LEVER, RH steering clutch hand TD-150 1914 up
303 392 R11	LEVER, forward and reverse gear shifter
306 872 R91	LEVER w/PIN, 272 124 R1 and HANDLE, 41 597 DA, engine clutch hand
	PACKAGE, adjustable seat slide rail service (order the following parts - Two CHANNEL, 307 317 R12, and two RAIL, 307 316 R1) (for service on 273 162 R92, 272 399 R1, 273 100 R1 and 273 101 R1)



EQUIPMENT COMBINATIONS

I. H. PART NUMBER	DESCRIPTION
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RIGID TRACK LOADER - CONTINUED

(Drott)
 TD-15-420-2 EQUIPMENT COMBINATION, rigid track loader TD-15 (150 Series) and TD-15 (151 Series), 74 inch gauge crawler tractor (for use with Drott 15K-3 steel mill special skid shovel)

	PACKAGE, seat frame service (together with Support, 311 286 R91 will work for 273 498 R92 and 307 314 R91) (order the following parts -
	2 CHANNEL 307 317 R12
	1 FRAME 307 312 R91
	2 NUT 307 315 R1
	2 PAD 311 285 R1
	2 RAIL 307 316 R1)
314 512 R91	PAWL, RH brake ratchet
311 285 R1	PAD, seat support rear mounting (part of Seat Frame Service Package)
279 961 R1	PLATFORM, center (not used with DECELERATOR ATTACHMENT) (2) 3/8 x 7/8" hex-hd. cap SCREW (2) 3/8" lock WASHER (2) 13/32 x 13/16" x 16 ga. WASHER (2)
273 546 R2	PLATFORM, LH (not used with DECELERATOR ATTACHMENT) 3/8 x 7/8" hex-hd. cap SCREW (2) 3/8" lock WASHER (2) 13/32 x 13/16" x 16 ga. WASHER (2)
273 547 R3	PLATFORM, RH 3/8 x 7/8" hex-hd. cap SCREW (2) 3/8" lock WASHER (2) 13/32 x 13/16" x 16 ga. WASHER (2)
270 168 R91	PUMP, model "B" IH fuel injection (1650 RPM - 9% regulation (not \$) (†)
328 018 R91	PUMP, model "C" IH fuel injection (1650 RPM - 9% regulation (not \$) (†)
328 027 R91	PUMP, model "C" IH fuel injection (1650 RPM - 9% regulation (\$) (†)
273 162 R92	RAIL, slide (order Adjustable Seat Slide Rail Service Package)
307 316 R1	RAIL, slide (part of Adjustable Seat Slide Rail Service Package and Seat Frame Service Package) 5/16" NF NUT (4) 5/16 NF x 1-1/4" hex-hd. cap SCREW 5/16" lock WASHER (4)
305 402 R11	SHEET, LH engine side
305 403 R11	SHEET, RH engine side
272 240 R11	SUPPORT, platform (2) 3/8" NUT (4) 1/2 x 1" hex-hd. cap SCREW (2) 3/8 x 1-1/8" hex-hd. cap SCREW (2) 3/8" lock WASHER (4) 13/32 x 13/16 x 16 ga. WASHER (2)
283 321 R91	SUPPORT, rear seat (not used with Seat Frame Service Package) 1/2" NUT (2) 1/2 x 1" hex-hd. cap SCREW (2) 1/2" WASHER (2)
	\$ - For loaders equipped with Altitude Compensation Attachment.
	(†) - Refer to Model "B" and "C" Fuel Injection Pump Parts Catalog PU-40C, when ordering parts for complete Model "B" and "C" Fuel Injection Pumps and also for special Model "B" and "C" Fuel Injection Pumps not listed above. For speed charts see Injection Pump parts Catalog PU-40C.
	(*) - 18 inch is the maximum allowable track shoe width on this combination.
	NOTE: Detail Parts are listed in Standard Parts Section or Miscellaneous Equipment Section of this catalog.



EQUIPMENT COMBINATIONS

I. H. PART NUMBER	DESCRIPTION
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RIGID TRACK LOADER - CONTINUED

(Drott)

TD-15-420-2 EQUIPMENT COMBINATION, rigid track loader TD-15 (150 Series) and TD-15 (151 Series), 74 inch gauge crawler tractor (for use with Drott 15K-3 steel mill special skid shovel)

276 618 R1	SUPPORT, platform front 1/2" NUT (2) 1/2 x 1-3/4" hex-hd. cap SCREW (2) 1/2" lock WASHER (2)
311 284 R91	SUPPORT, rear seat (lower) (used on units equipped with Seat Frame Service Package) 1/2" NUT (2) 1/2 x 1-3/4" hex-hd. cap SCREW (2) 1/2" lock WASHER (2)
275 266 R1	SUPPORT, rear seat (upper) (used on units equipped with Seat Frame Service Package)
277 667 R92	TANK w/CAP, 305 798 R11, PIPE, 42 384 DXA and PLUG, 103 868, fuel 5/8 x 1-1/4" hex-hd. cap SCREW (6) 5/8" lock WASHER (6)
306 668 R11	TUBE, booster to pump front suction
322 370 R1	TUBE, suction pipe to filter
271 284	FITTING, 1/8NPT lubricating (optional with 109 460) (push frame hinge bearing) (2)
109 460	FITTING, 1/8NPT lubricating (optional with 271 284) (push frame hinge bearing) (2)
	SCREW, 1/2 x 1-1/2" hex-hd. cap (tube lines to pump) (8)
	WASHER, lock, 1/2" (tube lines to pump) (8)
	SCREW, 1/2 x 2-1/2" hex-hd. cap (pump to mounting plate) (4)
	WASHER, 1/2" lock (pump to mounting plate) (4)
	NUT, 3/8" (safety shield to carrying frame) (2)
	SCREW, 3/8 x 1-1/4" hex-hd. cap (safety shield to carrying frame) (2)
	WASHER, 3/8" lock (safety shield to carrying frame) (2)
	SCREW, 1/2 x 1-1/2" hex-hd. cap (safety shield to fender) (2)
	WASHER, 1/2" lock (safety shield to fender) (2)
	SCREW, 1/2 x 2-1/2" hex-hd. cap (tube lines to side panel)
	WASHER, 1/2" lock (tube lines to side panel)
	NUT, 1/2" (rear seat support to carrying frame) (2)
	SCREW, 1/2 x 1" hex-hd. cap (rear seat support to carrying frame) (2)
	WASHER, 1/2" lock (rear seat support to carrying frame) (2)
	WASHER, 1/2 x 1-1/4" x .083 ga. (used as shims between drott carrying frames and platform support) (4)
	NUT, 3/8"
	SCREW, 3/8 x 1-1/4" hex-hd. cap (2)
	WASHER, 3/8" lock (2)
	FRAME, carrying (supplied by DROTT, assembled by I. H. C.)



EQUIPMENT COMBINATIONS

I. H. PART NUMBER	DESCRIPTION
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RIGID TRACK LOADER - CONTINUED

(Drott)

TD-15-420-2 EQUIPMENT COMBINATION, rigid track loader TD-15 (150 Series) and TD-15 (151 Series), 74 inch gauge crawler tractor (for use with Drott 15K-3 steel mill special skid shovel)

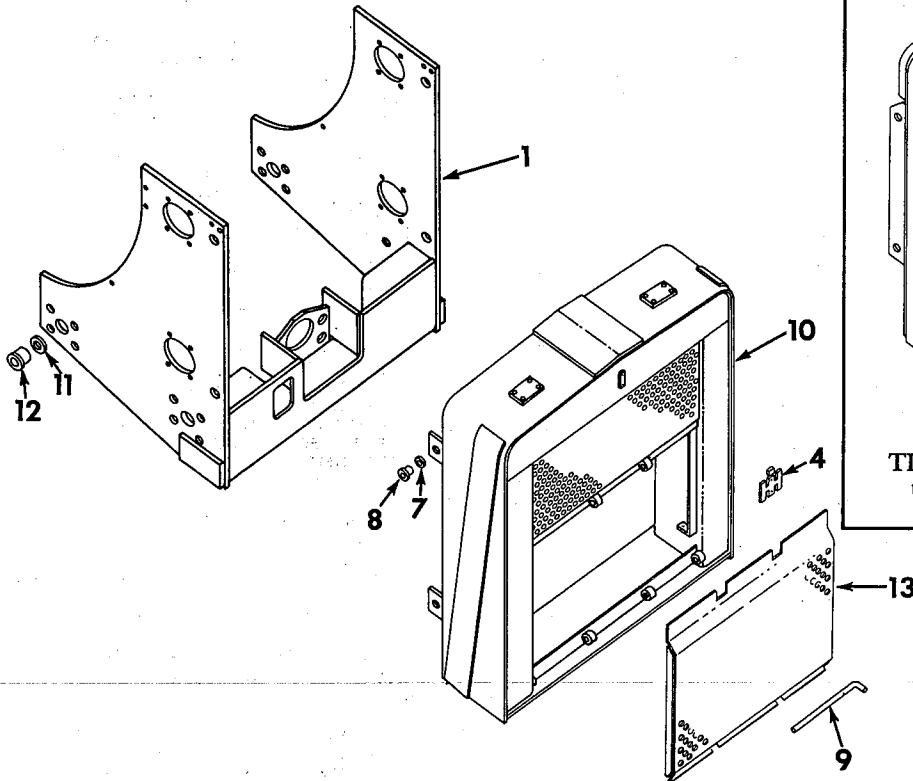
The following additional ATTACHMENTS can also be furnished when ordered to be used with the above RIGID TRACK LOADER EQUIPMENT COMBINATION.	
42 902 D	ATTACHMENT, front pull hook (See NOTE)
57 614 DA	ATTACHMENT, cut-away sprocket (TD-15 501 to 3500) (See NOTE)
314 973 R91	ATTACHMENT, cut-away sprocket (TD-150 3501 to 4000) (TD-151 4001 up) (See NOTE)
324 900 R91	ATTACHMENT, bi-metallic engine clutch driven member (See NOTE)
320 616 R91	ATTACHMENT, sprocket drive housing shield (See NOTE)
266 337 R91	ATTACHMENT, fuel strainer (See NOTE)
274 580 R92	ATTACHMENT, electric hourmeter (See NOTE)
275 650 R91	ATTACHMENT, ignition lock switch (See NOTE)
276 481 R91	ATTACHMENT, swivel front pull hook (See NOTE)
278 730 R91	ATTACHMENT, cigarette lighter (See NOTE)
303 691 R91	ATTACHMENT, track roller shield (TD-15-150) (See NOTE)
322 149 R91	ATTACHMENT, track roller shield (TD-15-151) (See NOTE)
303 694 R91	ATTACHMENT, high temperature range thermostat (175° - 195°) (See NOTE)
304 236 R91	ATTACHMENT, 18" clipped corner track shoe (See NOTE) (*)
304 237 R91	ATTACHMENT, 16" overlapping flat track shoe (See NOTE) (*)
304 243 R91	ATTACHMENT, 18" overlapping flat track shoe (See NOTE) (*)
318 844 R91	ATTACHMENT, track chain (TD-150-3501 to 4000) (TD-151-4001 up) (See NOTE)
306 149 R91	ATTACHMENT, watch dog fuel filter (See NOTE)
307 252 R91	ATTACHMENT, hood side door (TD-15-150) (See NOTE)
322 216 R91	ATTACHMENT, hood side door (TD-15-151) (See NOTE)
307 365 R91	ATTACHMENT, decelerator (See NOTE)
320 594 R91	ATTACHMENT, altitude compensation (TD-15 (150 Series) (See NOTE)
331 788 R91	ATTACHMENT, altitude compensation (TD-15 (151 Series) (See NOTE)
320 351 R91	ATTACHMENT, exhaust rain cap (See NOTE)
320 534 R91	ATTACHMENT, exhaust rain cap (See NOTE)
322 390 R91	ATTACHMENT, increased cooling (TD-15 (150 Series) (See NOTE)
320 589 R91	ATTACHMENT, pre-cleaner (See NOTE)
331 491 R91	ATTACHMENT, suction fan (tropical) (See NOTE)
	Auxiliary rear light (special) (See NOTE)
	Double flange track roller (special) (See NOTE)
	Headlight brush guard (special) (See NOTE)
	High output generator (special) (See NOTE)
	Rear Light brush guard (special) (See NOTE)
	Tail light guard (special) (See NOTE)
	Transmission oil cooler (special) (See NOTE)
	Transmission oil filter (special) (See NOTE)
	(*) - 18-inch is the maximum allowable track shoe width on this combination.
	NOTE: Detail parts are listed in Standard parts section or Miscellaneous Equipment Section of this catalog.



EQUIPMENT COMBINATIONS

RIGID TRACK LOADER - CONTINUED (Drott)

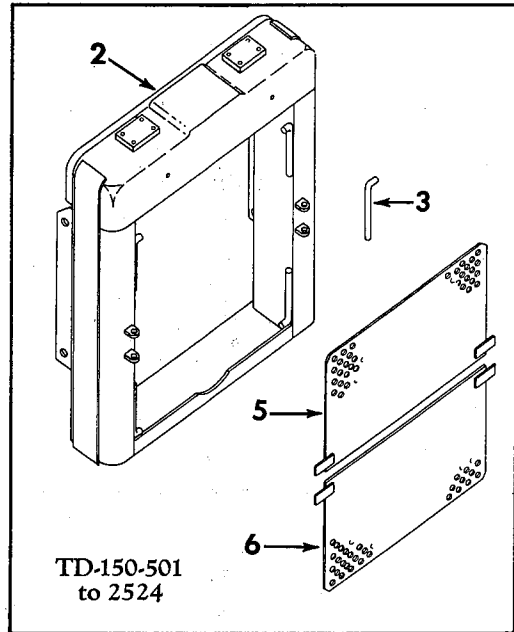
TD-15-420-2 EQUIPMENT COMBINATION, rigid track loader TD-15 (150 Series) and TD-15 (151 Series), 74 inch gauge crawler tractor (for use with Drott 15K-3 steel mill special skid shovel)



EQUIPMENT COMBINATIONS

RIGID TRACK LOADER - CONTINUED (Drott)

TD-15-420-2 EQUIPMENT COMBINATION, rigid track loader TD-15 (150 Series) and TD-15 (151 Series), 74 inch gauge crawler tractor (for use with Drott 15K-3 steel mill special skid shovel)



IPA-56951 B

REF. NO.	I. H. PART NUMBER	DESCRIPTION
RADIATOR GUARD		
1	307 687 R91	FRAME, radiator mounting (TD-15-150)
1	322 105 R91	FRAME, radiator mounting (TD-15-151)
2	304 367 R91	GUARD w/pump mounting PLATE, 304 366 R1, radiator (order PACKAGE, 322 407 R91) TD-150 501 to 2524
3	299 842 R1	PIN, radiator guard door latch TD-150 501 to 2524 (2)
	517 843 R1	PIN, Q-A, cotter (2)
4	311 263 R1	EMBLEM, IH No. 4 x 1/4" drive SCREW (2)
5	304 346 R11	DOOR, radiator guard upper TD-150 501 to 2524
6	299 840 R91	DOOR, radiator guard lower (TD-150 501 to 2524)
7	303 667 R1	RETAINER, radiator guard mounting (4) 3/4 x 1-1/4" hex-hd. cap SCREW (4)
8	309 370 R1	DOWEL, radiator guard mounting (4)

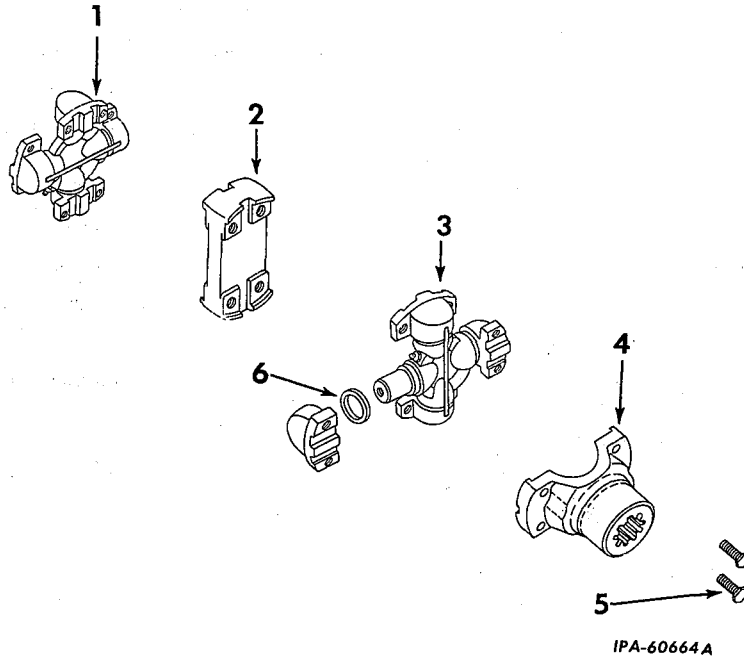
REF. NO.	I. H. PART NUMBER	DESCRIPTION
RADIATOR GUARD - Continued		
9	314 573 R1	PIN, radiator guard door latch (TD-150 2525 to 4000) (TD-151 4001 up)
	517 843 R1	PIN, Q-A, cotter
10	314 564 R91	GUARD, radiator (TD-150 2525 to 4000)
10	322 102 R91	GUARD, radiator (TD-151 4001 up)
11	274 289 R1	RETAINER, radiator mounting frame dowel (4) 1/2 x 1-1/4" hex-hd. cap SCREW (4)
12	275 862 R1	DOWEL, radiator mounting frame (4)
13	314 565 R11	DOOR, radiator guard lower TD-150 2525 up
	322 407 R91	PACKAGE, radiator guard field service (Consists of -
	1	DRAWING 1ZG-4699
	1	FRAME 307 687 R91
	1	GUARD 314 564 R91
	§ 2	PLATE
	§ 2	TUBE
	§ - Not Furnished Separately.	



EQUIPMENT COMBINATIONS

RIGID TRACK LOADER - CONTINUED
(Drott)

TD-15-420-2 EQUIPMENT COMBINATION, rigid track loader TD-15 (150 Series) and TD-15 (151 Series), 74 inch gauge crawler tractor (for use with Drott 15K-3 steel mill special skid shovel)



REF. NO.	I. H. PART NUMBER	DESCRIPTION
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POWER TAKE-OFF SHAFT WITH U-JOINT (MECHANICS)

1	317 712 R92	SPIDER w/BEARINGS (114-5130-A)
2	317 711 R1 321 936 R1	PLATE, coupling (5491 J) BOLT, coupling plate (5492-J) (4)
3	317 713 R91	SPIDER w/BEARINGS (114-5127-A)
4	317 708 R1	YOKE, fitting (16781-J)
5	37 479 HA	BOLT, 3/8NF x 27/32" (3544-J) (4) 3/8" light lock WASHER (4)
6	305 109 R91	RETAINER and SEAL (12408-J) (8)
	110 146 R91	FITTING, lubrication (Alemite 1792B) (optional with 102 467 H) (2)
	102 467 H	FITTING, lubrication (Lincoln 5042) (optional with 110 146 R91) (2)



EQUIPMENT COMBINATIONS

RIGID TRACK LOADER - CONTINUED
(Drott)

TD-15-420-2 EQUIPMENT COMBINATION, rigid track loader TD-15 (150 Series) and TD-15 (151 Series), 74 inch gauge crawler tractor (for use with Drott 15K-3 steel mill special skid shovel)

REF. NO.	I. H. PART NUMBER	DESCRIPTION
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POWER TAKE-OFF SHAFT WITH U-JOINT (MECHANICS)
- Continued

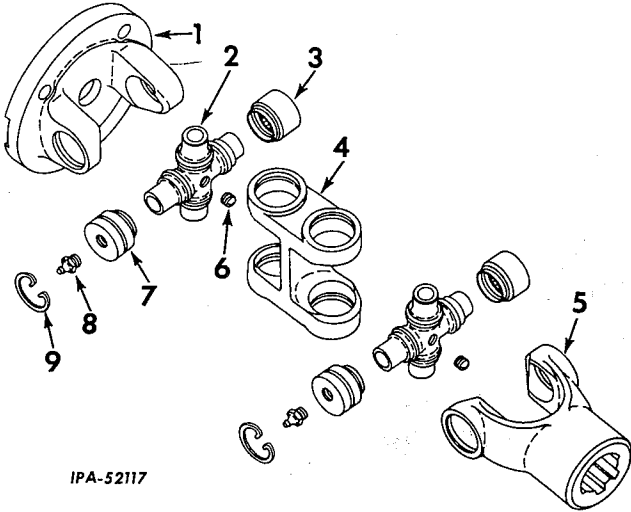
317 614 R92	SHAFT w/"U" JOINT ASSEMBLY, power take-off (2A-15571-1) (will work for 305 168 R92)
	(Composed of -
4	BOLT 37 479 HA
4	BOLT 321 936 R1
2	FITTING 102 467 H
1	PLATE 317 711 R1
8	RETAINER 305 109 R91
8	SHIELD 37 335 H
1	SPIDER 317 712 R92
1	SPIDER 317 713 R91
2	WIRE 260 622 R1
1	YOKE 317 708 R1)
	3/8NF x 1-3/4" hex-hd cap SCREW (4)
	3/8" lock WASHER (4)
37 335 H	SHIELD, dust (3542-J) (8)
	WIRE, locking (16 ga) (.0625 x 104" long) (order 278 027 R1) (2)
278 027 R1	WIRE, locking bulk (16 ga) (customer must specify length required) (X)

(X) - As Required.

EQUIPMENT COMBINATIONS

RIGID TRACK LOADER - CONTINUED

(Drott)
 TD-15-420-2 EQUIPMENT COMBINATION, rigid track loader
 TD-15 (150 Series) and TD-15 (151 Series), 74 inch gauge crawler tractor (for use with Drott 15K-3 steel mill special skid shovel)



IPA-52117

REF. NO.	I. H. PART NUMBER	DESCRIPTION
POWER TAKE-OFF SHAFT WITH U-JOINT		
1	283 455 R1	YOKE, flange 1/2 x 1-1/4" hex-hd. cap SCREW (4) 1/2" lock WASHER (4)
2	307 949 R91	SPIDER ASSEMBLY (will work for 661 672 R1) (2) (Composed of - 3 CUP 661 671 R91 1 CUP 283 461 R91 1 PLUG 103 883 4 RING 495 962 R1)
3	661 671 R91	CUP, needle (6)
4	305 862 R1	CENTER, double
5	299 725 R1	YOKE, plain
6	103 883	PLUG, center cross oil (2)
7	283 461 R91	CUP, needle
8	138 322 H	FITTING, lubrication (Alemite 1610 BL) (optional with 109 461) (2)
8	109 461	FITTING, lubrication (Lincoln 5000) (optional with 138 322 H) (2)
9	495 962 R1	RING, lock (8)
305 168 R92		SHAFT ASSEMBLY, power take-off (order 317 614 R91) (Composed of - 1 CENTER 305 862 R1 1 FITTING 138 322 H 2 SPIDER 307 949 R91 1 YOKE 283 455 R1 1 YOKE 299 725 R1)

EQUIPMENT COMBINATIONS

I. H. PART NUMBER	DESCRIPTION
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SIDEBOOM

(Superior)
 TD-15-500-2 EQUIPMENT COMBINATION, sideboom TD-15 (150 Series) and TD-15 (151 Series), 74 inch gauge crawler tractor (for use with Superior SBI-150 Sideboom)

42 902 D	ATTACHMENT, front pull hook (†)
304 294 R91	ATTACHMENT, crankcase guard (†)
314 100 R91	ATTACHMENT, 24" clipped corner track shoe (*) (†)
307 317 R12	CHANNEL, slide rail (part of Adjustable Seat Slide Rail Service Package and Seat Frame Service Package) (2)
276 628 R91	CLAMP, front, hydraulic pressure line 3/8 x 1-1/4" hex-hd. cap SCREW 3/8" lock WASHER 13/32 x 13/16 x .065" WASHER
273 499 R91	CUSHION, seat back
273 500 R92	CUSHION, set bottom
273 498 R92	FRAME w/slide RAIL, seat (order Seat Frame Service Package and Support, 311 286 R91)
307 312 R91	FRAME, seat (part of Seat Frame Service Package)
307 315 R1	NUT, seat cushion bottom pilot (2) 5/16" NF NUT (2) 5/16" internal-tooth lock WASHER (4)
307 314 R91	FRAME, seat (order Seat Frame Service Package and Support, 311 286 R91)

Frame Rigid Extended (†)

PACKAGE, adjustable seat slide rail service (order the following parts - two CHANNEL, 307 317 R12 and two RAIL, 307 316 R1) (for service on 273 162 R92, 272 399 R1, 273 100 R1 and 273 101 R1)

PACKAGE, seat frame service (together with Support, 311 286 R91 will work for 273 498 R92 and 307 314 R91)

(order the following parts -		
2	CHANNEL	307 317 R12
1	FRAME	307 312 R91
2	NUT	307 315 R1
2	PAD	311 285 R1
2	RAIL	307 316 R1

(*) - 24-inch is the maximum allowable track shoe width on this combination.

(†) - Detail parts are listed in Standard Parts Section, Miscellaneous Equipment or Track Drive Section of this catalog.



EQUIPMENT COMBINATIONS

I.H. PART NUMBER	DESCRIPTION
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SIDEBOOM - CONTINUED
(Superior)

TD-15-500-2 EQUIPMENT COMBINATION, sideboom TD-15 (150 Series) and TD-15 (151 Series), 74 inch gauge crawler tractor (for use with Superior SBI-150 Sideboom)

314 101 R91	PACKAGE, hydraulic conversion parts (used to convert TD-15-500-2 crawler tractor into TD-15-504-2 crawler tractor) (TD-15-150) (Composed of -
1	ATTACHMENT, radiator guard 309 259 R91
2	BEARING, reach rod end 283 442 R91
2	BEARING, front control shaft needle 298 175 R91
1	BOLT, front control lever locking 295 535 R1
4	BOLT (Pump and Valve Unit Attaching 309 162 R1
	CYLINDERS, hydraulic (†)
3	FITTINGS, lubrication (Alemite 1792B) (optional with 102 467 H) 110 146 R91
3	FITTINGS, lubrication (Lincoln 5042) (optional with 110 146 R91) 102 467 H
1	FITTING, lubrication (Alemite 1610B) (optional with 109 461) 138 322 H
1	FITTING, lubrication (Lincoln 5000) (optional with 138 322 H) 109 461
1	FITTING, lubrication (Alemite 1911B) (optional with 16 964 R91) 274 510
1	FITTING, lubrication (Lincoln 5410) (optional with 274 510) 16 964 R91
	HOSES, hydraulic (†)
1	LEVER, valve control 295 543 R1
1	LEVER, front control inner 309 859 R91
1	LINK, control 309 867 R91
1	NUT, reach rod lock 287 072 R1
1	NUT, 5/16" stover lock
1	NUT, 3/8" stover lock
2	NUT, 1/2NF
1	PUMP VALVE UNIT (†) 278 047 R92
1	SCREW, 3/8 x 1-7/8" hex-hd cap
4	SCREW, 3/8NF x 1-3/4" hex-hd cap
2	SCREW, 1/2NF x 1-1/2" hex-hd cap
2	SEAL, front control shaft oil 287 085 R91
1	SHAFT, front control 309 864 R11
1	SHAFT, power take-off (†) 317 615 R91
4	WASHER, 3/8" lock)



EQUIPMENT COMBINATIONS

I.H. PART NUMBER	DESCRIPTION
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SIDEBOOM - CONTINUED
(Superior)

TD-15-500-2 EQUIPMENT COMBINATION, sideboom TD-15 (150 Series) and TD-15 (151 Series), 74 inch gauge crawler tractor (for use with Superior SBI-150 Sideboom)

322 115 R91	PACKAGE, hydraulic conversion parts (used to convert TD-15-500-2 crawler tractor into TD-15-504-2 crawler tractor) (TD-15-151) (Composed of -
1	ATTACHMENT, radiator guard 322 109 R91
2	BEARING, reach rod end 283 442 R91
2	BEARING, front control shaft needle 298 175 R91
1	BOLT, front control lever locking 295 535 R1
4	BOLT, (Pump and Valve Unit Attaching) 309 162 R1
	CYLINDERS, hydraulic (†)
3	FITTINGS, lubrication (Alemite 1792B) (optional with 102 467 H) 110 146 R91
3	FITTINGS, lubrication (Lincoln 5042) (optional with 110 146 R91) 102 467 H
1	FITTING, lubrication (Alemite 1610B) (optional with 109 461) 138 322 H
1	FITTING, lubrication (Lincoln 5000) (optional with 138 322 H) 109 461
1	FITTING, lubrication (Alemite 1911B) (optional with 16 964 R91) 274 510
1	FITTING, lubrication (Lincoln 5410) (optional with 274 510) 16 964 R91
	HOSES, hydraulic (†)
1	LEVER, valve control 295 543 R1
1	LEVER, front control inner 309 859 R91
1	LINK, control 309 867 R91
1	NUT, reach rod lock 287 072 R1
1	NUT, 5/16" stover lock
1	NUT, 3/8" stover lock
2	NUT, 1/2NF
1	PUMP VALVE UNIT (†) 278 047 R92
1	SCREW, 3/8 x 1-7/8" hex-hd cap
4	SCREW, 3/8NF x 1-3/4" hex-hd cap
2	SCREW, 1/2NF x 1-1/2" hex-hd cap
2	SEAL, front control shaft oil 287 085 R91
1	SHAFT, front control 309 864 R11
1	SHAFT, power take-off (†) 317 615 R91
4	WASHER, 3/8" lock

(†) - Detail parts are listed in Standard Parts Section, Miscellaneous Equipment or Track Drive Section of this catalog.



EQUIPMENT COMBINATIONS

I. H. PART NUMBER	DESCRIPTION
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SIDEBOOM - CONTINUED

(Superior)

TD-15-500-2 EQUIPMENT COMBINATION, sideboom TD-15 (150 Series) and TD-15 (151 Series), 74 inch gauge crawler tractor (for use with Superior SBI-150 Sideboom) - Continued

311 285 R1	PAD, seat support rear mounting (part of Seat Frame Service Package) RADIATOR GUARD (†)
273 162 R92	RAIL, slide (order Adjustable Seat Slide Rail Service Package)
307 316 R1	RAIL, slide (part of Adjustable Seat Slide Rail Service Package and Seat Frame Service Package) 5/16"NF NUT (4) 5/16NF x 1-1/4" hex-hd. cap SCREW 5/16" lock WASHER (4)
276 629 R1	SPACER, hydraulic pressure line clamp
272 236 R11	SUPPORT, front, seat
283 321 R91	SUPPORT, rear, seat (not used with Seat Frame Service Package)
311 284 R91	SUPPORT, rear seat (lower) (used on units equipped with Seat Frame Service Package) 1/2" NUT (2) 1/2 x 1-3/4" hex-hd. cap SCREW (2) 1/2" lock WASHER (2)
275 266 R1	SUPPORT, rear seat (upper) (used on units equipped with Seat Frame Service Package)
306 668 R11	TUBE, booster pump suction
322 370 R1	TUBE, suction pipe to filter

The following additional ATTACHMENTS can also be furnished when ordered to be used with the above SIDE BOOM EQUIPMENT COMBINATION.

57 614 DA	ATTACHMENT, cut-away sprocket (TD-150 501 to 3500) (†)
314 973 R91	ATTACHMENT, cut-away sprocket (TD-150 3501 to 4000) (TD-151 4001 up) (†)
324 900 R91	ATTACHMENT, bi-metallic engine clutch driven member (†)
274 630 R91	ATTACHMENT, blower fan (tropical) (†)
320 616 R91	ATTACHMENT, sprocket drive housing shield (†)
266 337 R91	ATTACHMENT, fuel strainer (†)
273 034 R91	ATTACHMENT, pre-cleaner (†)
320 588 R91	ATTACHMENT, pre-cleaner (†)
273 039 R91	ATTACHMENT, air pipe extension (†)
274 580 R92	ATTACHMENT, electric hourmeter (†)
277 289 R91	ATTACHMENT, exhaust rain cap (†)
303 691 R91	ATTACHMENT, track roller shield (TD-15-150) (†)
304 248 R91	ATTACHMENT, radiator shutter (TD-15-150) (†)
322 198 R91	ATTACHMENT, radiator shutter (TD-15-151) (†)
307 200 R91	ATTACHMENT, 20" clipped corner shoe (†) (*)



EQUIPMENT COMBINATIONS

I. H. PART NUMBER	DESCRIPTION
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SIDEBOOM - CONTINUED

(Superior)

TD-15-500-2 EQUIPMENT COMBINATION, sideboom TD-15 (150 Series) and TD-15 (151 Series), 74 inch gauge crawler tractor (for use with Superior SBI-150 Sideboom) - Continued

306 149 R91	ATTACHMENT, watch dog fuel filter (†)
307 201 R91	ATTACHMENT, 22" clipped corner shoe (†) (*)
307 203 R91	ATTACHMENT, 20" square corner track shoe (*) (†)
307 204 R91	ATTACHMENT, 22" square corner track shoe (*) (†)
314 155 R91	ATTACHMENT, 24" square corner track shoe (*) (†)
320 593 R91	ATTACHMENT, altitude compensation (TD-15 (150 Series) (†)
322 117 R91	ATTACHMENT, altitude compensation (TD-15 (151 Series) (†)
322 392 R91	ATTACHMENT, increased cooling (TD-15 (150 Series) (†)
322 450 R91	ATTACHMENT, increased cooling (TD-15 (150 Series) (†)
322 527 R91	ATTACHMENT, increased cooling (TD-15 (151 Series) (†)
331 491 R91	ATTACHMENT, suction fan (tropical) (†) Decelerator (special) (†) Double flange track Head light brush guard (special) (†) High output generator (†) Tail light guard (†) Transmission oil filter (special) (†)

311 093 R91	PACKAGE, dual arc welder conversion parts (Composed of - 1 CENTER, double 283 457 R1 1 FITTING, lubrication (Alemite 1688B) (optional with 126 152) 271 283 1 FITTING, lubrication (Lincoln 5200) (optional with 271 283) 126 152 1 FITTING, lubrication (Lincoln 5000) (optional with 138 322 H) 109 461 1 FITTING, lubrication (Alemite 1610BL) (optional with 109 461) 138 322 H 1 FLANGE, yoke 283 455 R1 1 PUMP ASSEMBLY, fuel injection (Model "B") 270 170 R9) (†) 4 SCREW, 7/16 x 1-1/2" hex-hd. cap 2 SPIDER ASSEMBLY, 307 949 R91 (Composed of - 1 CUP, needle 283 461 R91 3 CUP, needle 661 671 R91 1 PLUG, spider oil 103 883 4 RING, lock 495 962 R1) 1 YOKE, plain 265 473 R1 4 WASHER, 7/16" lock)
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(†) - Refer to Model "B" and "C" Fuel Injection Pump Parts Catalog PU-40D, when ordering parts for complete Model "B" and "C" Fuel Injection Pumps and also for special Model "B" and "C" Fuel Injection Pumps not listed above. For speed charts see Injection Pump Parts Catalog PU-40D.

(*) - 24-inch is the maximum allowable track shoe width on this combination.

(†) - Detail parts are listed in Standard Parts Section, Miscellaneous Equipment or Track Drive Section of this Catalog.



EQUIPMENT COMBINATIONS

I. H. PART NUMBER	DESCRIPTION
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SIDEBOOM - CONTINUED
(Superior)

TD-15-502-1 EQUIPMENT COMBINATION, sideboom TD-15 (150 Series) and TD-15 (151 Series), 74 inch gauge crawler tractor (for use with Superior SBI-150-BH Sideboom)

42 902 D	ATTACHMENT, front pull hook (†)
304 294 R91	ATTACHMENT, crankcase guard (†)
314 100 R91	ATTACHMENT, 24" track shoe (†) (*) Frame Rigid Extended Track (†)
283 442 R91	BEARING, reach rod end (2)
287 072 R1	NUT, reach rod end (2)
297 218 R91	BEARING, control link rod end (will work for 295 546 R91) (TD-150-501 to 2754)
287 072 R1	NUT, control link rod end
298 175 R91	BEARING, needle (2) (TD-150-2755 to 4000) (TD-151 4001 up)
305 874 R1	BUSHING, front control shaft (will work for 273 278 R91) (2) (TD-150-501 to 2754)
307 317 R12	CHANNEL, slide rail (part of Adjustable Seat Slide Rail Service Package and Seat Frame Service Package) (2)
276 628 R91	CLAMP, front, hydraulic pressure line 3/8 x 1-1/4" hex-hd cap SCREW 3/8" lock WASHER 13/32 x 13/16 x .065" WASHER
295 698 R1	CLAMP-HALF, hose (split flange) (4) 3/8" NUT (8) 3/8 x 2-1/2" hex-hd cap SCREW (8) 3/8" lock WASHER (8)
273 499 R91	CUSHION, seat back
273 500 R92	CUSHION, set bottom
109 461	FITTING, front control shaft lubrication (Lincoln 5000) (optional with 138 322 H) (TD-150-2755 to 4000) (TD-151 4001 up)
138 322 H	FITTING, front control shaft lubrication (Alemite 1610BL) (optional with 109 461) (TD-150-2755 to 4000) (TD-151 4001 up)
110 146 R91	FITTING, control link lubrication (Alemite 1792B) (optional with 102 467 H)
102 467 H	FITTING, control link lubrication (Lincoln 5042) (optional with 110 146 R91)
274 510	FITTING, link lubrication (Alemite 1911B) (optional with 16 964 R91) (TD-150 2755 to 4000) (TD-151 4001 up)
16 964 R91	FITTING, control link lubrication (Lincoln 5410) (optional with 274 510) (TD-150 2755 to 4000) (TD-151 4001 up)
310 920 R91	FITTING, 1" ID split flange straight hose (2)
310 921 R91	FITTING, 1" ID straight thread boss hose (2)
273 498 R92	FRAME w/slide RAIL, seat (order Seat Frame Service Package and Support, 311 286 R91)
307 312 R91	FRAME, seat (part of Seat Frame Service Package)
307 315 R1	NUT, seat cushion bottom pilot (2) 5/16"NF NUT (2) 5/16" internal-tooth lock WASHER (4)
307 314 R91	FRAME, seat (order Seat Frame Service Package and Support, 311 286 R91)
310 917 R91	HOSE w/FITTING, 310 920 R91 and FITTING, 310 921 R91, pump to bulkhead lower RH (20-1/8" long) HOSE (less FITTINGS) pump to bulkhead lower RH (1" ID x 15-5/8" long) (order Aeroquip 1509-16)



EQUIPMENT COMBINATIONS

I. H. PART NUMBER	DESCRIPTION
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SIDEBOOM - CONTINUED
(Superior)

TD-15-502-1 EQUIPMENT COMBINATION, sideboom TD-15 (150 Series) and TD-15 (151 Series), 74 inch gauge crawler tractor (for use with Superior SBI-150-BH Sideboom)

313 085 R91	HOSE w/FITTING, 310 920 R91 and FITTING, 310 921 R91, pump to bulkhead upper RH (23-1/2" long)
	HOSE (less FITTINGS) pump to bulkhead upper RH (1" ID x 19" long) (order Aeroquip 1509-16)
295 534 R1	LEVER, inner front control (TD-150-501 to 2754)
295 535 R1	BOLT, control lever locking
551 172	NUT, lock
309 859 R91	LEVER, inner front control (TD-150 2755 to 4000) (TD-151 4001 up)
295 535 R1	BOLT, control lever locking
295 543 R1	5/16" stover lock NUT
551 193 R1	LEVER, valve control NUT, lock
295 541 R91	3/8 x 1-7/8" hex-hd cap SCREW
620 352 R1	LINK, 295 542 R11 w/BEARING, 295 546 R91 and NUT, 287 072 R1, control NUT, lock (2) 1/2 x 2" hex-hd cap SCREW (2)
295 542 R11	LINK, control
287 058 R91	OIL SEAL, front and rear control shaft (TD-150 2755 to 4000) (TD-151 4001 up) (2)
295 926 R1	MANIFOLD, hose 1/2 x 1-1/4" hex-hd cap SCREW (2) 1/2 x 3" hex-hd cap SCREW (3) 1/2" lock WASHER (5)
283 189 R1	"O" RING, pump to bulkhead hose (1-5/16 x 1-9/16 x 1/8") (2)
296 247 R1	"O" RING, manifold (used with 1" tubing) (4) PACKAGE, adjustable seat slide rail service (order the following parts - two CHANNEL, 307 317 R12 and two RAIL, 307 316 R1) (for service on 273 162 R92, 272 399 R1, 273 100 R1 and 273 101 R1) PACKAGE, seat frame service (together with Support, 311 286 R91 will work for 273 498 R92 and 307 314 R91) (order the following parts - 2 CHANNEL 307 317 R12 1 FRAME 307 312 R91 2 NUT 307 315 R1 2 PAD 311 285 R1 2 RAIL 307 316 R1)
311 285 R1	PAD, seat support rear mounting (part of Seat Frame Service Package)
9 410 363	PLUG, valve manifold (2) RADIATOR GUARD (See NOTE 2)
273 162 R92	RAIL, slide (order Adjustable Seat Slide Rail Service Package)
307 316 R1	RAIL, slide (part of Adjustable Seat Slide Rail Service Package and Seat Frame Service Package) 5/16"NF NUT (4) 5/16"NF x 1-1/4" hex-hd cap SCREW 5/16" lock WASHER (4)
	SHAFT, Power take-off (See NOTE 2)
	(*) - 24 - inch is the maximum allowable track shoe width on this combination.
	(†) - Detail parts are listed in Standard Parts Section, Miscellaneous Equipment or Track Drive Section of this Catalog.
	NOTE 2 - Detail parts are listed and illustrated in the "Units Common for Equipment Combinations" section.

EQUIPMENT COMBINATIONS

I. H. PART NUMBER DESCRIPTION

SIDEBOOM - CONTINUED
(Superior)

TD-15-502-1 EQUIPMENT COMBINATION, sideboom TD-15 (150 Series) and TD-15 (151 Series), 74 inch gauge crawler tractor (for use with Superior SBI-150 BH Sideboom)

- 296 987 R11 SHAFT, front control (TD-150 501 to 4754)
- 309 864 R11 SHAFT, front control (TD-150 2755 to 4000) (TD-151 4001 up)
- 276 629 R1 SPACER, hydraulic pressure line clamp
- 283 321 R91 SUPPORT, rear, seat (not used with Seat Frame Service Package)
- 311 284 R91 SUPPORT, rear seat (lower) (used on units equipped with Seat Frame Service Package)
- 1/2 NUT (2)
- 1/2 x 1-3/4" hex-hd cap SCREW (2)
- 1/2" lock WASHER (2)
- 275 266 R1 SUPPORT, rear seat (upper) (used on units equipped with Seat Frame Service Package)
- 306 668 R11 TUBE, booster pump suction
- 311 265 R1 TUBE, "O" ring seat (2)
- 322 370 R1 TUBE, suction pipe to filter

- 278 047 R92 UNIT, pump and valve (See NOTE 2)

The following additional ATTACHMENTS can also be furnished when ordered to be used with the above SIDE BOOM EQUIPMENT COMBINATION

- 57 614 DA ATTACHMENT, cut-away sprocket (TD-150 501 to 3500) (†)
- 314 973 R91 ATTACHMENT, cut-away sprocket (TD-150 3501 to 4000) (TD-151 4001 up) (†)
- 324 900 R91 ATTACHMENT, bi-metallic engine clutch driven member (†)
- 320 616 R91 ATTACHMENT, sprocket drive housing shield (†)
- 266 337 R91 ATTACHMENT, fuel strainer (†)
- 273 034 R91 ATTACHMENT, pre-cleaner (†)
- 320 588 R91 ATTACHMENT, pre-cleaner (†)
- 273 039 R91 ATTACHMENT, air pipe extension (†)
- 274 580 R92 ATTACHMENT, electric hourmeter (†)
- 277 289 R91 ATTACHMENT, exhaust rain cap (†)
- 303 691 R91 ATTACHMENT, track roller shield (TD-150) (†)
- 304 236 R91 ATTACHMENT, 18" clipped corner track shoe (*) (†)
- 304 248 R91 ATTACHMENT, radiator shutter (TD-15-150) (†)
- 322 198 R91 ATTACHMENT, radiator shutter (TD-15-151) (†)
- 306 149 R91 ATTACHMENT, watch dog fuel filter (†)
- 307 200 R91 ATTACHMENT, 20" clipped corner track shoe (*) (†)
- 307 201 R91 ATTACHMENT, 22" clipped corner track shoe (*) (†)
- 307 202 R91 ATTACHMENT, 18" square corner track shoe (*) (†)
- 307 203 R91 ATTACHMENT, 20" square corner track shoe (*) (†)
- 307 204 R91 ATTACHMENT, 22" square corner track shoe (*) (†)
- 224 630 R91 ATTACHMENT, blower fan (tropical) (†)
- 320 593 R91 ATTACHMENT, altitude compensation (TD-15 (150 Series) (†)
- 322 117 R91 ATTACHMENT, altitude compensation (TD-15 (151 Series) (†)
- 322 392 R91 ATTACHMENT, increased cooling (TD-15 (150 Series) (†)
- 322 450 R91 ATTACHMENT, increased cooling (TD-15 (150 Series) (†)
- 322 527 R91 ATTACHMENT, increased cooling (TD-15 (151 Series) (†)
- 331 491 R91 ATTACHMENT, suction fan (tropical) (†)
- Decelerator (†)
- Double Flange Track Roller (†)
- Headlight brush guard (†)
- High output generator (†)
- Tail light guard (†)
- Transmission oil filter (†)

(*) - 24 inch is the maximum allowable track shoe width on this combination.

EQUIPMENT COMBINATIONS

I. H. PART NUMBER DESCRIPTION

SIDEBOOM
(Superior)

TD-15-504-2 EQUIPMENT COMBINATION, sideboom TD-15 (150 Series) and TD-15 (151 Series), 74 inch gauge crawler tractor (for use with Superior SBI-150 Sideboom and Hydraulic Blade Backfiller or SBI-150-BH Sideboom and Hydraulic Blade Backfiller)

- 42 902 D ATTACHMENT, front pull hook (†)
- 304 294 R91 ATTACHMENT, crankcase guard (†)
- 307 204 R91 ATTACHMENT, 22" square corner track shoe (*) (†)
- 283 442 R91 BEARING, reach rod end (2)
- 287 072 R1 NUT, reach rod end (2)
- 297 218 R91 BEARING, control link rod end (will work for 295 546 R91) (TD-150-501 to 2754)
- 287 072 R1 NUT
- 298 175 R91 BEARING, needle (2) (TD-150-2755 to 4000) (TD-151 4001 up)
- 305 874 R1 BUSHING, front control shaft (will work for 273 278 R91) (2) (TD-150 501 to 2754)
- 307 317 R12 CHANNEL, slide rail (part of Adjustable Seat Slide Rail Service Package and Seat Frame Service Package) (2)
- 276 628 R91 CLAMP, front, hydraulic pressure line
- 3/8 x 1-1/4" hex-hd. cap SCREW
- 3/8" lock WASHER
- 13/32 x 13/16 x .065" WASHER
- 273 499 R91 CUSHION, seat back
- 273 500 R92 CUSHION, set bottom
- 109 461 FITTING, front control shaft lubrication (Lincoln 5000) (optional with 138 322 H) (TD-150-2755 to 4000) (TD-151 4001 up)
- 138 322 H FITTING, front control shaft lubrication (Alemite 1610 BL) (optional with 109 461) (TD-150-2755 to 4000) (TD-151 4001 up)

- 110 146 R91 FITTING, control link lubrication (Alemite 1792B) (optional with 102 467 H)
- 102 467 H FITTING, control link lubrication (Lincoln 5042) (optional with 110 146 R91)
- 274 510 FITTING, control link lubrication (Alemite 1911B) (optional with 16 964 R91) (TD-150-2755 to 4000) (TD-151 4001 up)
- 16 964 R91 FITTING, control link lubrication (Lincoln 5410) (optional with 274 510) (TD-150-2755 to 4000) (TD-151 4001 up)
- 273 498 R92 FRAME w/slide RAIL, seat (order Seat Frame Service Package and Support, 311 286 R91)
- 307 312 R91 FRAME, seat (part of Seat Frame Service Package)
- 307 315 R1 NUT, seat cushion bottom pilot (2)
- 5/16" NF NUT (2)
- 5/16" internal-tooth lock WASHER (4)
- 307 314 R91 FRAME, seat (order Seat Frame Service Package and Support, 311 286 R91)

(*) - 22-inch is the maximum allowable track shoe width on this combination.
(†) - Detail parts are listed in Standard Parts Parts Section, Miscellaneous Equipment or Track Drive Section of this catalog.
NOTE 2 - Detail parts are listed and illustrated in the "Units Common for Equipment Combinations" section.

EQUIPMENT COMBINATIONS

I. H. PART NUMBER	DESCRIPTION
SIDEBOOM - CONTINUED (Superior)	
TD-15-504-2 EQUIPMENT COMBINATION, sideboom TD-15 (150 Series) and TD-15 (151 Series), 74 inch gauge crawler tractor (for use with Superior SBI-150 Sideboom and Hydraulic Blade Backfiller or SBI-150-BH Sideboom and Hydraulic Blade Backfiller)	
295 534 R1	LEVER, inner front control (TD-150-501 to 2754)
295 535 R1	BOLT, control lever locking
551 172	NUT, lock
309 859 R91	LEVER, inner front control (TD-150-2755 to 4000) (TD-151 4001 up)
295 535 R1	BOLT, control lever locking
	5/16" stover lock NUT
295 543 R1	LEVER, valve control
551 193 R1	NUT, lock
	3/8 x 1-7/8" hex-hd cap SCREW
295 541 R91	LINK, 295 542 R11 w/BEARING,
	295 546 R91 and NUT, 287 072 R1, control
620 352 R1	NUT, lock (2)
	1/2 x 2" hex-hd cap SCREW (2)
295 542 R11	LINK, control
287 058 R91	OIL SEAL, front and rear control shaft (2)
	(TD-150-2755 to 4000) (TD-151 4001 up)
	PACKAGE, adjustable seat slide rail service (order the following parts - two CHANNEL, 307 317 R12 and two RAIL, 307 316 R1) (for service on 273 162 R92, 272 399 R1, 273 100 R1 and 273 101 R1)
	PACKAGE, seat frame service (together with Support, 311 286 R91 will work for 273 498 R92 and 307 314 R91) (order the following parts -
	2 CHANNEL 307 317 R12
	1 FRAME 307 312 R91
	2 NUT 307 315 R1
	2 PAD 311 285 R1
	2 RAIL 307 316 R1)
311 285 R1	PAD, seat support rear mounting (part of Seat Frame Service Package)
	RADIATOR GUARD (See NOTE 2)
273 162 R92	RAIL, slide (order Adjustable Seat Slide Rail Service Package)
	Rail Service Package and Seat Frame
307 316 R1	RAIL, slide (part of Adjustable Seat Slide Service Package)
	5/16"NF NUT (4)
	5/16NF x 1-1/4" hex-hd. cap SCREW
	5/16" lock WASHER (4)
	SHAFT, power take-off (See NOTE 2)
296 987 R11	SHAFT, front control (TD-150-501 to 2754)
309 864 R11	SHAFT, front control (TD-150-2755 to 4000) (TD-151 4001 up)
276 629 R1	SPACER, hydraulic pressure line clamp
283 321 R91	SUPPORT, rear, seat (not used with Seat Frame Service Package)
311 284 R91	SUPPORT, rear seat (lower) (used on units equipped with Seat Frame Service Package)
	1/2 NUT (2)
	1/2 x 1-3/4" hex-hd. cap SCREW (2)
	1/2" lock WASHER (2)
275 266 R1	SUPPORT, rear seat (upper) (used on units equipped with Seat Frame Service Package)

EQUIPMENT COMBINATIONS

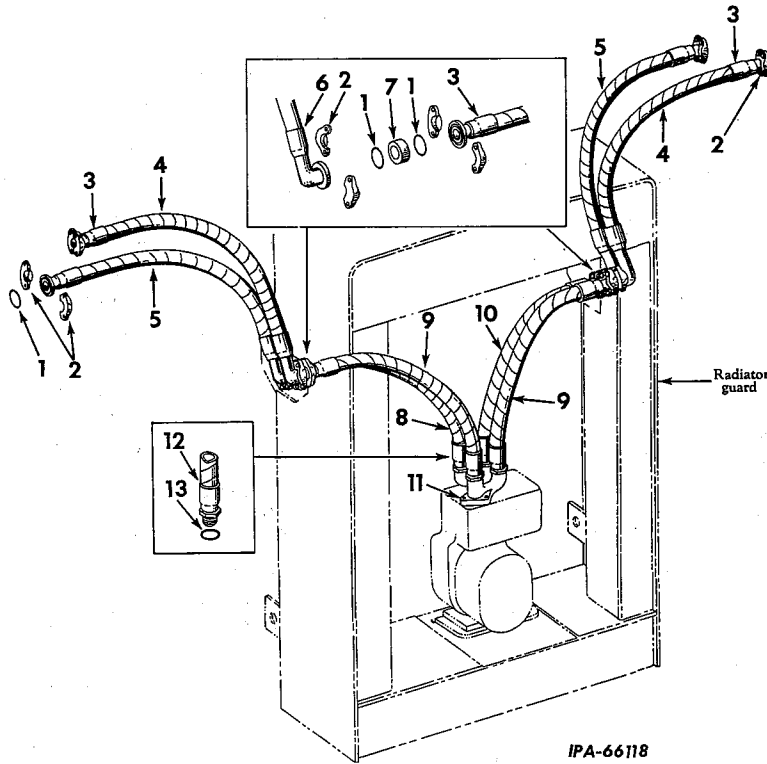
I. H. PART NUMBER	DESCRIPTION
SIDEBOOM - CONTINUED (Superior)	
TD-15-504-2 EQUIPMENT COMBINATION, sideboom TD-15 (150 Series) and TD-15 (151 Series), 74 inch gauge crawler tractor (for use with Superior SBI-150 Sideboom and Hydraulic Blade Backfiller or SBI-150-BH Sideboom and Hydraulic Blade Backfiller)	
306 668 R11	TUBE, booster pump suction
322 370 R1	TUBE, suction pipe to filter
278 047 R92	UNIT, pump and valve (See NOTE 2)
The following additional ATTACHMENTS can also be furnished when ordered to be used with the above SIDE BOOM EQUIPMENT COMBINATION	
57 614 DA	ATTACHMENT, cut-away sprocket (TD-150-501 to 3500) (†)
314 973 R91	ATTACHMENT, cut-away sprocket (TD-150-3501 to 4000) (TD-151 4001 up) (†)
324 900 R91	ATTACHMENT, bi-metallic engine clutch driven member (†)
274 630 R91	ATTACHMENT, blower fan (tropical) (†)
320 616 R91	ATTACHMENT, sprocket drive housing shield (†)
266 337 R91	ATTACHMENT, fuel strainer (†)
273 034 R91	ATTACHMENT, pre-cleaner (†)
320 588 R91	ATTACHMENT, pre-cleaner (†)
273 039 R91	ATTACHMENT, air pipe extension (†)
274 580 R92	ATTACHMENT, electric hourmeter (†)
277 289 R91	ATTACHMENT, exhaust rain cap (†)
303 691 R91	ATTACHMENT, track roller shield (TD-15-150) (†)
304 236 R91	ATTACHMENT, 18" clipped corner track shoe (*) (†)
304 248 R91	ATTACHMENT, radiator shutter (TD-15-150) (†)
322 198 R91	ATTACHMENT, radiator shutter (TD-15-151) (†)
306 149 R91	ATTACHMENT, watch dog fuel filter (†)
307 200 R91	ATTACHMENT, 20" clipped corner track shoe (*) (†)
307 202 R91	ATTACHMENT, 18" square corner track shoe (*) (†)
307 203 R91	ATTACHMENT, 20" square corner track shoe (*) (†)
320 593 R91	ATTACHMENT, altitude compensation (TD-15 (150 Series) (†)
322 117 R91	ATTACHMENT, altitude compensation (TD-15 (151 Series) (†)
322 392 R91	ATTACHMENT, increased cooling (TD-15 (150 Series) (†)
322 450 R91	ATTACHMENT, increased cooling (TD-15 (150 Series) (†)
322 527 R91	ATTACHMENT, increased cooling (TD-15 (150 Series) (†)
331 491 R91	ATTACHMENT, suction fan (tropical) (†)
	Decelerator (special) (†)
	Headlight brush guard (†)
	High output generator (†)
	Tail light guard (†)
	Transmission oil filter (special) (†)
	Double flange track roller (special) (†)
	(*) - 22-inch is the maximum allowable track shoe width on this combination.
	(†) - Detail parts are listed in Standard Parts Section, Miscellaneous Equipment or Track Drive Section of this Catalog.
	NOTE 2 - Detail parts are listed and illustrated in the "Units Common for Equipment Combinations" section.



EQUIPMENT COMBINATIONS

SIDEBOOM - CONTINUED
(Superior)

TD-15-504-2 EQUIPMENT COMBINATION, sideboom TD-15 (150 Series) and TD-15 (151 Series), 74 inch gauge crawler tractor (for use with Superior SBI-150 Sideboom and Hydraulic Blade Backfiller or SBI-150-BH Sideboom and Hydraulic Blade Backfiller)



IPA-66118



EQUIPMENT COMBINATIONS

SIDEBOOM - CONTINUED
(Superior)

TD-15-504-2 EQUIPMENT COMBINATION, sideboom TD-15 (150 Series) and TD-15 (151 Series), 74 inch gauge crawler tractor (for use with Superior SBI-150 Sideboom and Hydraulic Blade Backfiller or SBI-150-BH Sideboom and Hydraulic Blade Backfiller)

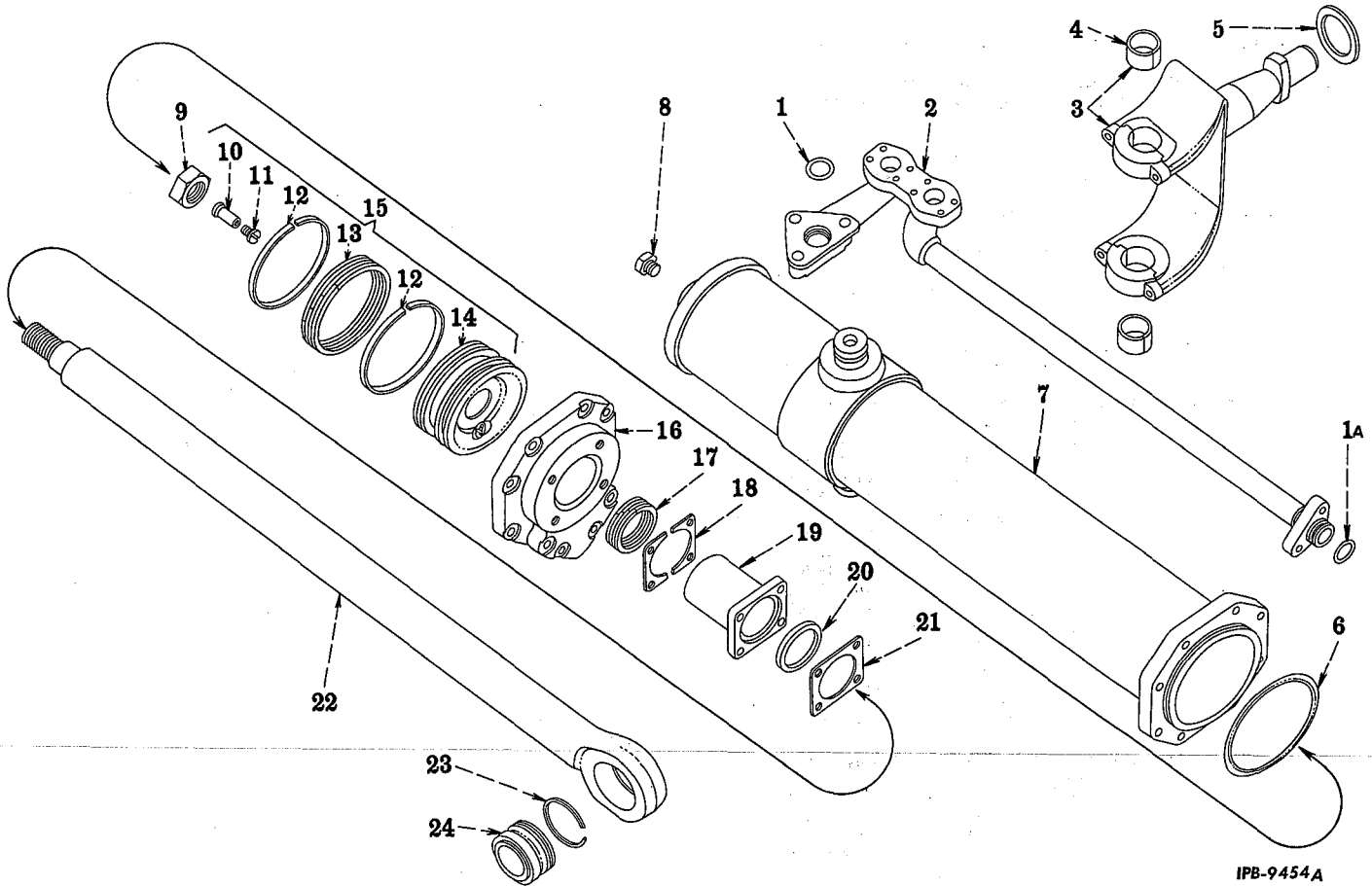
REF. NO.	I.H. PART NUMBER	DESCRIPTION
HYDRAULIC HOSES		
1	283 189 R1	"O" RING, pump to bulkhead hose and bulkhead to cylinder hose (1-5/16 x 1-9/16 x 1/8") (12)
2	295 698 R1	CLAMP-HALF, hose (split flange) (24) 3/8" NUT (16) 3/8 x 1-1/4" hex-hd cap SCREW (16) 3/8 x 2-1/2" hex-hd cap SCREW (16) 3/8" lock WASHER (32)
3	324 204 R91	FITTING, 1" ID x split flange straight hose (8)
4	324 195 R91	HOSE w/FITTING, 324 204 R91 and FITTING, 324 205 R91, bulkhead to cylinder upper (HOSE, 1" ID x 43-1/2" long including FITTINGS) (Aeroquip No. A-150891-16-43-1/2) (2)
5	324 196 R91	HOSE w/FITTING, 324 204 R91 and FITTING, 324 205 R91, bulkhead to cylinder lower (HOSE, 1" ID x 38" long including FITTINGS) (Aeroquip No. A-150891-16-38) (2)
6	324 205 R91	FITTING, 1" ID split flange 90° hose (4)
7	311 265 R1	TUBE, "O" ring seat (4)
8	324 769 R91	HOSE w/FITTING, 310 921 R91 and FITTING, 324 204 R91, pump to bulkhead lower RH (HOSE, 1" ID x 20-5/8" long including FITTINGS)
8		HOSE w/o FITTINGS, cut length 1" ID x 16-1/8" long cut from bulk hose No. 313 245 R1)

REF. NO.	I.H. PART NUMBER	DESCRIPTION
HYDRAULIC HOSES - Continued		
9	324 771 R91	HOSE w/FITTING, 310 921 R91 and FITTING, 324 204 R91, pump to bulkhead (HOSE, 1" ID x 24" long including FITTINGS) (2)
9		HOSE w/o FITTINGS, cut length 1" ID x 19-1/2" long cut from bulk hose No. 313 245 R1 (2)
10	324 770 R91	HOSE w/FITTING, 310 921 R91 and FITTING, 324 204 R91, pump to bulkhead lower LH (HOSE, 1" ID x 21-1/2" long including FITTINGS)
10		HOSE w/o FITTINGS, cut length 1" ID x 17" long cut from bulk hose No. 313 245 R1
11	295 926 R1	MANIFOLD, hose 1/2 x 1-1/4" hex-hd cap SCREW (2) 1/2 x 3" hex-hd cap SCREW (3) 1/2" lock WASHER (5)
12	310 921 R91	FITTING, 1" ID straight thread boss hose (4)
13	296 247 R1	"O" RING, manifold (used with 1" tubing) (4)
	313 245 R1	HOSE, 1" ID bulk (X)
	252 482 R1	"O" RING, valve manifold (1-1/2 x 1-3/4 x 1/8") (2)
		(X) - Order cut length as Required.

EQUIPMENT COMBINATIONS

SIDEBOOM - CONTINUED
(Superior)

TD-15-504-2 EQUIPMENT COMBINATION, sideboom TD-15 (150 Series) and TD-15 (151 Series), 74 inch gauge crawler tractor (for use with Superior SBI-150 Sideboom and Hydraulic Blade Backfiller or SBI-150 BH Sideboom and Hydraulic Blade Backfiller)



IPB-9454A

REF. NO.	I. H. PART NUMBER	DESCRIPTION
HYDRAULIC CYLINDER (TD-15 (150 Series))		
1	252 728 R1	"O" RING, manifold (1-3/16 x 1-7/16 x 1/8") (will work for 252 673 R1) (2)
1A	356 005 R1	"O" RING, manifold (1-1/8 x 1-3/8 x 1/8") (will work for 252 673 R1) (2)
2	295 908 R91	MANIFOLD, RH hydraulic cylinder 3/8 x 3-1/4" hex-hd. cap SCREW (2) 1/2 x 3-1/4" hex-hd. cap SCREW (3)
2	295 907 R91	MANIFOLD, LH hydraulic cylinder 3/8 x 3-1/4" hex-hd. cap SCREW (2) 1/2 x 3-1/4" hex-hd. cap SCREW (3)
3	294 682 R12	CAP and YOKE w/two BUSHING, 294 684 R1, hoist (2)
4	294 684 R1	BUSHING, hoist yoke and cap (4) 1/4" bushing retainer PIN (4)
5	294 685 R1	WASHER, hoist yoke thrust (2)
6	295 906 R1	"O" RING, cylinder cap (4-7/8 x 5-1/8 x 1/8") (2)
7	295 893 R92	HOUSING, hydraulic cylinder (2)
8	444 823	PLUG, 3/8" pipe (will work for 18 532 R1) (2)
9	18 489 R1	NUT, 1-1/4NF stop (2)

EQUIPMENT COMBINATIONS

SIDEBOOM - CONTINUED
(Superior)

TD-15-504-2 EQUIPMENT COMBINATION, sideboom TD-15 (150 Series) and TD-15 (151 Series), 74 inch gauge crawler tractor (for use with Superior SBI-150 Sideboom and Hydraulic Blade Backfiller or SBI-150 BH Sideboom and Hydraulic Blade Backfiller)

REF. NO.	I. H. PART NUMBER	DESCRIPTION
HYDRAULIC CYLINDER (TD-15 (150 Series) - Continued)		
10		STEM, relief valve (order 296 590 R91) (4)
11		END, relief valve (order 296 590 R91) (4)
12	295 903 R1	RING, piston rod wear (4)
13	295 904 R92	PACKING, piston (2)
14		PISTON, hydraulic (order 295 902 R13)
15	295 902 R13	PISTON ASSEMBLY, hydraulic (2)
		(Composed of -
		§ 2 END
		1 PACKING 295 904 R92
		§ 1 PISTON
		2 RING 295 903 R1
		§ 2 STEM)
16	295 905 R1	CAP, hydraulic cylinder (2) 7/16 x 2-1/4" hex-hd. cap SCREW (12) 7/16 x 3-1/4" hex-hd. cap SCREW (4)
17	294 512 R92	PACKING, piston rod (2)
18	294 515 R1	SHIM, packing gland (68)
19	294 514 R2	GLAND, hydraulic cylinder packing (4)
§ - Not Furnished Separately		



EQUIPMENT COMBINATIONS

REF. NO.	I.H. PART NUMBER	DESCRIPTION
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SIDEBOOM - CONTINUED

(Superior)
 TD-15-504-2 EQUIPMENT COMBINATION, sideboom TD-15 (150 Series) and TD-15 (151 Series), 74 inch gauge crawler tractor (for use with Superior SBI-150 Sideboom and Hydraulic Blade Backfiller or SBI-150 BH Sideboom and Hydraulic Black Backfiller)

HYDRAULIC CYLINDER (TD-15(150 Series) - Continued

20 294 513 R91 SEAL, dust (optional with 297 490 R91) (2)
 20 297 490 R91 SEAL, dust (optional with 294 513 R91) (2)

21 294 516 R1 PLATE, dust seal retainer (2)
 1/2 x 1-3/8" hex-hd. cap SCREW (8)

22 295 901 R1 ROD, piston (2)

23 294 886 R2 RING, bushing snap (2)

24 294 885 R91 BUSHING, self-aligning (optional with 299 480 R91) (2)

24 299 480 R91 BUSHING, self-aligning (optional with 294 885 R91) (2)

295 891 R95 CYLINDER ASSEMBLY, LH hydraulic
 (Composed of -
 1 CAP 295 905 R1
 3 FITTING 138 322 H
 1 GLAND 294 514 R2
 1 HOUSING 295 893 R92
 1 MANIFOLD 295 907 R91
 1 NUT 18 489 R1
 1 "O" RING 252 728 R1
 1 "O" RING 295 906 R1
 1 "O" RING 356 005 R1
 1 PACKING 294 512 R92
 1 PISTON 295 902 R13
 1 PLATE 294 516 R1
 1 PLUG 444 823
 1 ROD 295 901 R1
 1 SEAL 294 513 R91
 34 SHIM 294 515 R1)

295 892 R95 CYLINDER ASSEMBLY, RH hydraulic
 (Composed of -
 1 CAP 295 905 R1
 3 FITTING 138 322 H
 1 GLAND 294 514 R2
 1 HOUSING 295 893 R92
 1 MANIFOLD 295 908 R91
 1 NUT 18 489 R1
 1 "O" RING 252 728 R1
 1 "O" RING 295 906 R1
 1 "O" RING 356 005 R1
 1 PACKING 294 512 R92
 1 PISTON 295 902 R13
 1 PLATE 294 516 R1
 1 PLUG 444 823
 1 ROD 295 901 R1
 1 SEAL 294 513 R91
 34 SHIM 294 515 R1)

138 322 H FITTING, 1/8" lubrication (Alemite 1610BL)
 (optional with 109 461) (6)

109 461 FITTING, 1/8" lubrication (Lincoln 5000)
 (optional with 138 322 H) (6)

290 998 R1 PIN, strut bracket (1-3/4 x 5-5/16") (4)

290 297 R1 PIN, strut bracket eye (3/4 x 3-1/4") (2)
 5/8 x 1-1/2" hex-hd. cap SCREW (2)
 5/8" external-tooth lock WASHER (2)

SCREW, 5/8 x 2" hex-hd. cap (Used with hoist cylinder yoke CAP) (8)

WASHER, 5/8" external-tooth lock (used with hoist cylinder yoke CAP) (8)

296 590 R91 VALVE w/END and STEM, relief (will work for 294 472 R2 and 294 473 R21) (4)

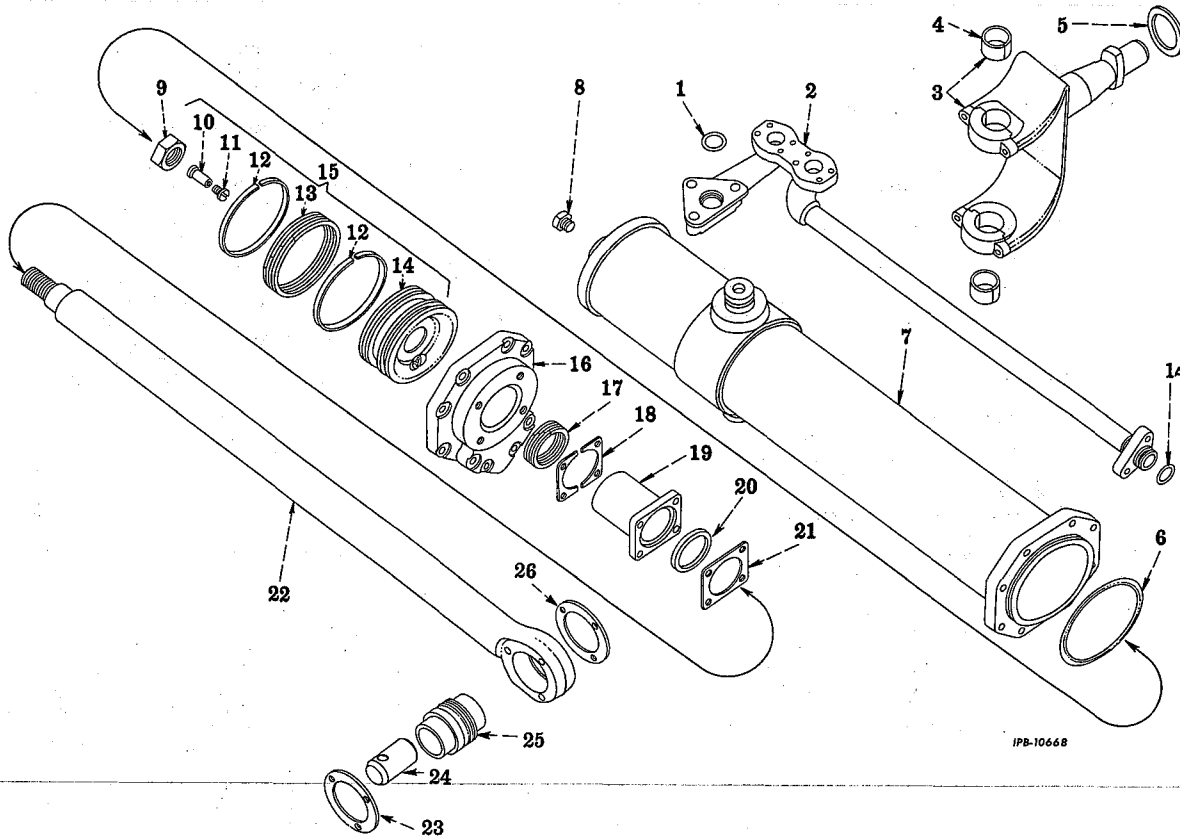


MEMORANDUM

EQUIPMENT COMBINATIONS

SIDEBOOM - CONTINUED

(Superior)
 TD-15-504-2 EQUIPMENT COMBINATION, sideboom TD-15 (150 Series) and TD-151 Series), 74 inch gauge crawler tractor (for use with Superior SBI-150 Sideboom and Hydraulic Blade Backfiller or SBI-150 BH Sideboom and Hydraulic Blade Backfiller)



IPB-10668

REF. NO.	I. H. PART NUMBER	DESCRIPTION
HYDRAULIC CYLINDER (TD-15 (151 Series))		
1	321 245 R1	"O" RING, manifold (1-5/16 x 1-9/16 x 1/8") (2)
1A	321 244 R1	"O" RING, manifold end (1-1/8 x 1-3/8 x 1/8") (2)
2	295 907 R91	MANIFOLD, LH hydraulic cylinder 3/8 x 3-1/4" hex-hd cap SCREW (2) 1/2 x 3" hex-hd cap SCREW (3) 3/8" lock WASHER (2)
2	295 908 R91	MANIFOLD, RH hydraulic cylinder 3/8 x 3-1/4" hex-hd cap SCREW (2) 1/2 x 3" hex-hd cap SCREW (3) 3/8" lock WASHER (2)
3	294 682 R12	YOKE and CAP ASSEMBLY, hoist cylinder (2) (Composed of - 2 BUSHING 294 684 R1 2 CAP 2 PIN 19 407 R1 2 YOKE) 5/8 x 2" hex-hd cap SCREW (8) 5/8" external-tooth lock WASHER (8)
4	294 684 R1	BUSHING, hoist yoke and cap (4)
5	294 685 R1	WASHER, hoist yoke thrust (2)
6	313 938 R1	"O" RING, cylinder cap (5 x 5-1/4 x 1/8") (2)
7	295 893 R92	HOUSING, hydraulic cylinder (2)
8	444 824	PLUG, 3/8" hex-hd drain (4)

EQUIPMENT COMBINATIONS

SIDEBOOM - CONTINUED

(Superior)
 TD-15-504-2 EQUIPMENT COMBINATION, sideboom TD-15 (150 Series) and TD-15 (151 Series), 74 inch gauge crawler tractor (for use with Superior SBI-150 Sideboom and Hydraulic Blade Backfiller or SBI-150 BH Sideboom and Hydraulic Blade Backfiller)

REF. NO.	I. H. PART NUMBER	DESCRIPTION
HYDRAULIC CYLINDER (TD-15 (151 Series) - Continued)		
9	18 489 R1	NUT, stop (2)
10		STEM, relief valve (order 295 960 R91)
11		END, relief valve (order 296 500 R91)
12	295 903 R1	RING, piston rod wear (4)
13	295 904 R92	PACKING, piston (2)
14		PISTON, hydraulic (order 295 902 R13)
15	295 902 R13	PISTON ASSEMBLY, hydraulic (2) (Composed of - 2 END 1 PACKING 295 904 R92 1 PISTON 2 RING 295 903 R1 2 STEM)
16	294 905 R1	CAP, hydraulic cylinder (2) 7/16 x 2-1/4" hex-hd cap SCREW (12) 7/16 x 3-1/4" hex-hd cap SCREW (4) 7/16" lock WASHER (12)
17	294 512 R92	PACKING, piston rod (2)
18	294 515 R1	SHIM, packing gland (X)
19	294 514 R2	GLAND, hydraulic cylinder packing (2)



EQUIPMENT COMBINATIONS

REF. NO.	I.H. PART NUMBER	DESCRIPTION
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SIDEBOOM - CONTINUED
(Superior)

TD-15-504-2 EQUIPMENT COMBINATION, sideboom TD-15 (150 Series) and TD-15 (151 Series), 74 inch gauge crawler tractor (for use with Superior SBI-150 Sideboom and Hydraulic Blade Backfiller or SBI-150 BH Sideboom and Hydraulic Blade Backfiller)

HYDRAULIC CYLINDER (TD-15 (151 Series) - Continued

20	294 513 R91	SEAL, hydraulic cylinder dust (2)
21	294 516 R1	PLATE, dust seal retainer (2) 1/2 x 1-3/8" hex-hd cap SCREW (8) 1/2" lock WASHER (8)
22	320 784 R11	ROD ASSEMBLY, piston (2) (Composed of - 1 BEARING 321 246 R91 1 FITTING 138 322 H 1 PLATE 320 741 R1 1 PLATE 320 742 R1 §1 ROD)
23	320 741 R1	PLATE, outer locking (2)
24	320 788 R1	PIN, hydraulic cylinder (2) 3/8" stover lock NUT (2) 3/8" x 2-3/4" hex-hd cap SCREW (2)
25	321 246 R91	BEARING, piston rod (optional with 321 247 R91) (2)
25	321 247 R91	BEARING, piston rod (optional with 321 246 R91) (2)
26	320 742 R1	PLATE, inner locking 1/2 x 2-1/2" hex-hd cap SCREW (6)
	320 782 R91	CYLINDER ASSEMBLY, LH hydraulic (Composed of - 1 CAP 295 905 R1 2 FITTING 138 322 H 1 GLAND 294 514 R2 1 HOUSING 295 893 R92 1 MANIFOLD 295 907 R91 1 NUT 18 489 R1 1 "O" RING 313 938 R1 1 "O" RING 321 244 R1 1 "O" RING 321 245 R1 1 PACKING 294 512 R92 1 PISTON 295 902 R13 1 PLATE 294 516 R1 2 PLUG 444 824 1 ROD 320 784 R11 1 SEAL 294 513 R91 X SHIM 294 515 R1)
	320 783 R91	CYLINDER ASSEMBLY, RH hydraulic (Composed of - 1 CAP 295 905 R1 2 FITTING 138 322 H 1 GLAND 294 514 R2 1 HOUSING 295 893 R92 1 MANIFOLD 295 908 R91 1 NUT 18 489 R1 1 "O" RING 313 938 R1 1 "O" RING 321 244 R1 1 "O" RING 321 245 R1 1 PACKING 294 512 R92 1 PISTON 295 902 R13 1 PLATE 294 516 R1 2 PLUG 444 824 1 ROD 320 784 R11 1 SEAL 294 513 R91 X SHIM 294 515 R1)
	138 322 H	FITTING, 1/8" lubrication (Alemite 1610-B) (optional with 109 461) (6)
	109 461	FITTING, 1/8" lubrication (Lincoln 5000) (optional with 138 322 H) (6)
	19 407 R1	PIN, bushing retainer (4)
	296 590 R91	VALVE w/END and STEM, relief (4)

§ - Not Furnished Separately.
X - As Required.



EQUIPMENT COMBINATIONS

REF. NO.	I.H. PART NUMBER	DESCRIPTION
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PAY WELDER

TD-15-600-1 EQUIPMENT COMBINATION, Pay Welder, TD-15 (150 Series) and TD-15 (151 Series), 74 inch gauge crawler tractor

	42 902 D	ATTACHMENT, front pull hook (See NOTE 1)
	314 154 R91	ATTACHMENT, front platform (See NOTE 2)
	304 294 R91	ATTACHMENT, crankcase guard (See NOTE 1) Fender Supports (See NOTE 2)
	2 750 649 R1	DECALCOMANIA, "Pay Welder" (2) Front Drive (See NOTE 2)
	253 584 R1	LEVER, injection pump hand 1/4NF x 7/8" hex-hd. cap SCREW 1/4" lock WASHER
	322 655 R1	PIPE, radiator overflow
	270 172 R91	PUMP, model "B" IH Fuel Injection (1725 RPM -5% Regulation) (†)
	328 022 R91	PUMP, model "C" Fuel Injection (1725 RPM - 5% Regulation) Radiator Guard (See NOTE 2) Rigid Extended Track Frame (See NOTE 1)
	42 877 DB	SUPPORT, oil drain hole cover
	261 443 R2	SHOE, 24" clipped corner track (84) (*)
	273 872 R1	NUT, track shoe bolt (336)
	311 346 R1	SCREW, track shoe cap (336) SCREW, 1/2 x 1-1/4" oil drain hole cover
		The following additional ATTACHMENTS can also be furnished when ordered to be used with the above Pay Welder Equipment Combination.
	274 630 R91	ATTACHMENT, blower fan (tropical) (See NOTE 1)
	57 614 DA	ATTACHMENT, cut-away sprocket (TD-150 501 to 3500) (See NOTE 1)
	314 973 R91	ATTACHMENT, cut-away sprocket (TD-150 3501 to 4000) (TD-151 4001 up) (†)
	324 900 R91	ATTACHMENT, bi-metallic engine clutch driven member (See NOTE 1)
	320 616 R91	ATTACHMENT, sprocket drive housing shield (See NOTE 1)
	266 337 R91	ATTACHMENT, fuel strainer (See NOTE 1)
	273 034 R91	ATTACHMENT, pre-cleaner (See NOTE 1)
	320 588 R91	ATTACHMENT, pre-cleaner (See NOTE 1)
	273 039 R91	ATTACHMENT, air pipe extension (See NOTE 1)
	274 580 R92	ATTACHMENT, electric hourmeter (See NOTE 1)
	277 289 R91	ATTACHMENT, exhaust rain cap (See NOTE 1)
	303 691 R91	ATTACHMENT, track roller shield (TD-15 -150) (See NOTE 1)
	306 149 R91	ATTACHMENT, watch dog fuel filter (See NOTE 1)
	314 100 R91	ATTACHMENT, 24" clipped corner track shoe (*) (See NOTE 1)
	320 593 R91	ATTACHMENT, altitude compensation (TD-15 (150 Series) (†)
	322 117 R91	ATTACHMENT, altitude compensation (TD-15 (151 Series) (†)
	322 392 R91	ATTACHMENT, increased cooling (TD-15 (150 Series) (†)

NOTE 1 - Detail parts are listed in Standard Parts Section, Miscellaneous Equipment or Track Drive Section of this catalog.

NOTE 2 - Detail parts are listed and illustrated in the "Units Common for Equipment Combinations" section.

(*) - 24 inch is the maximum allowable track shoe width on this combination.

(†) - Refer to Model "B" and "C" Fuel Injection Pump Parts Catalog PU-40D, when ordering parts for complete Model "B" and "C" Fuel Injection Pumps and also for special Model "B" and "C" Fuel, Injection Pumps not listed above. For speed charts see injection pump parts catalog PU-40D.



EQUIPMENT COMBINATIONS

REF. NO.	I.H. PART NUMBER	DESCRIPTION
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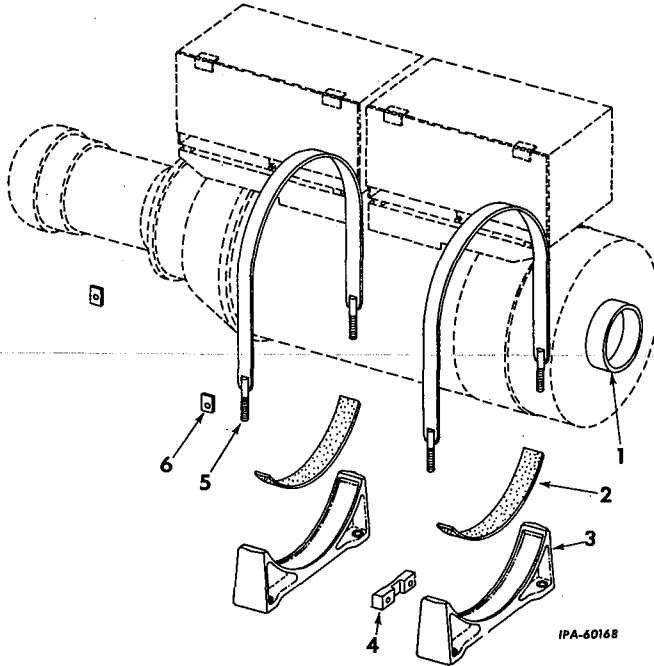
PAY WELDER - CONTINUED

TD-15-600-1 EQUIPMENT COMBINATION, Pay Welder, TD-15 (150 Series) and TD-15 (151 Series), 74 inch gauge crawler tractor

322 399 R91	ATTACHMENT, increased cooling (TD-15 (150 Series) (†))
322 450 R91	ATTACHMENT, increased cooling (TD-15 (150 Series) (†))
331 491 R91	ATTACHMENT, suction fan (tropical) (†) Decelerator (special) (See NOTE 1) Double Flange Track Roller (See NOTE 1) Headlight Brush Guard (See NOTE 1) High Output Generator (See NOTE 1) Outboard Fan (See NOTE 1) Tail Light and Guard (See NOTE 1) Transmission Oil Filter (special) (See NOTE 1)

PAY WELDER - CONTINUED

TD-15-600-1 EQUIPMENT COMBINATION, Pay Welder, TD-15 (150 Series) and TD-15 (151 Series) 74 inch gauge Crawler tractor



REF. NO.	I.H. PART NUMBER	DESCRIPTION
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PAY WELDER CRADLES AND STRAPS

1	314 231 R11	SUPPORT, universal joint cover (2)
2	317 624 R1	LINING, generator cradle (4)
3	314 757 R1	CRADLE, generator (4) 5/8 x 1-3/4" hex-hd. cap SCREW (16) 5/8" NUT (16)
4	314 760 R1	PLATE, generator locating (2) 1/2" NUT (4) 1/2 x 2-3/4" hex-hd. cap SCREW (4)
5	314 758 R11	STRAP, welder hold down (4) 18 422 R1 NUT, 1/2" elastic stop (8)
6	314 232 R1	CLIP, cover lock (4) 3/8" wing NUT (4) 3/8" lock WASHER (4)



EQUIPMENT COMBINATIONS

REF. NO.	I.H. PART NUMBER	DESCRIPTION
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BACKFILLER (Superior)

TD-15-700-0 EQUIPMENT COMBINATION, Backfiller TD-15 (151 Series) 74 inch gauge crawler tractor (for use with Superior 150B Bucket Backfiller)

42 902 D	ATTACHMENT, front pull hook (See NOTE 1)
304 294 R91	ATTACHMENT, crankcase guard (See NOTE 1) Fenders and Supports (See NOTE 2) Front Drive (See NOTE 2)
253 584 R1	LEVER, injection pump hand 1/4NF x 7/8" hex-hd cap SCREW 1/4" lock WASHER
322 655 R1	PIPE, radiator overflow
270 172 R91	PUMP, model "B" fuel injection (1725 RPM - 5% regulation) (†)
328 022 R91	PUMP, model "C" fuel injection (1725 RPM - 5% regulation) (†) Radiator Guard (See NOTE 2)
331 391 R91	Rail and Fork, forward and reverse gear shifter (TD-150-501 to 3655)
322 444 R94	Rail and Fork, forward and reverse gear shifter (TD-150-3556 to 4000) (TD-151-4001 up)
	Rigid Extended Track Frame (See NOTE 1)
322 446 R11	SHAFT, transmission spline The following additional ATTACHMENTS can also be furnished when ordered to be used with the above Back Filler Equipment Combination.
314 100 R91	ATTACHMENT, 24" clipped corner track shoe (*) (See NOTE 1)
314 973 R91	ATTACHMENT, cut-away sprocket (See NOTE 1)
324 900 R91	ATTACHMENT, bi-metallic engine clutch driven member (See NOTE 1)
274 630 R91	ATTACHMENT, blower fan (tropical) (See NOTE 1)
320 616 R91	ATTACHMENT, sprocket drive housing shield (See NOTE 1)
266 337 R91	ATTACHMENT, fuel strainer (See NOTE 1)

NOTE 1 - Detail parts are listed in Standard Parts Section, Miscellaneous Equipment or Track Drive Section of this catalog.

NOTE 2 - Detail parts are listed and illustrated in the "Units Common for Equipment Combination" Section.

(*) - 24 inch is the maximum allowable track shoe width on this combination.

(†) - Refer to Model "B" and "C" Fuel Injection Pump Parts Catalog PU-40D, when ordering parts for complete Model "B" and "C" Fuel Injection Pumps and also for special Model "B" and "C" Fuel Injection pumps not listed above. For speed charts see injection pump parts catalog PU-40D.



EQUIPMENT COMBINATIONS

REF. NO.	I. H. PART NUMBER	DESCRIPTION
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BACKFILLER - CONTINUED

(Superior)
 TD-15-700-0 EQUIPMENT COMBINATION, Backfiller TD-15
 (151 Series) 74 inch gauge crawler tractor (for use with Superior
 150B Bucket Backfiller)

- 274 580 R92 ATTACHMENT, electric hourmeter (See NOTE 1)
- 277 289 R91 ATTACHMENT, exhaust rain cap (See NOTE 1)
- 322 149 R91 ATTACHMENT, track roller shield (See NOTE 1)
- 306 149 R91 ATTACHMENT, watch dog fuel filter (See NOTE 1)
- 322 117 R91 ATTACHMENT, altitude compensation (See NOTE 1)
- 320 588 R91 ATTACHMENT, pre-cleaner (See NOTE 1)
- 331 491 R91 ATTACHMENT, suction fan (tropical) (See NOTE 1)

Double Flange Track Roller (See NOTE 1)

Head Light Brush Guard (See NOTE 1)

High Output Generator (See NOTE 1)

Outboard Fan (See NOTE 1)

Tail Light and Guard (See NOTE 1)

Transmission Oil Filter (See NOTE 1)

NOTE 1 - Detail parts are listed in Standard
 Parts Section, Miscellaneous
 Equipment or Track Drive Section
 of this catalog.



MEMORANDUM

UNITS COMMON FOR EQUIPMENT COMBINATIONS

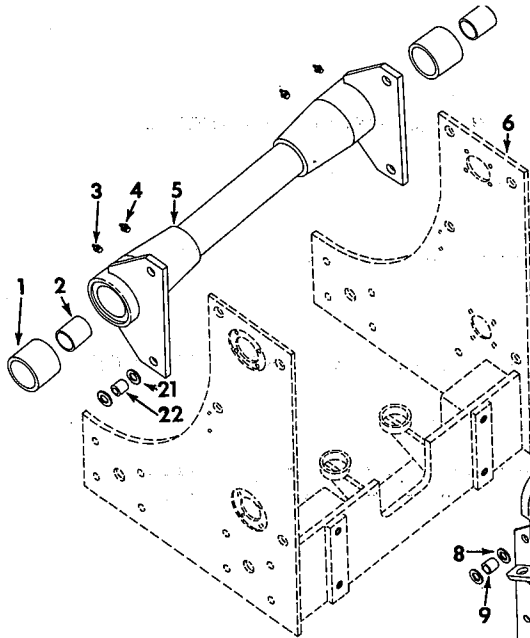
INDEX TO UNITS

DESCRIPTION	Page
Drive, front	
Pay Welder TD-15-600-1 Equipment Combination (TD-15-150 Series).....	174
(TD-15-151 Series).....	176
Backfiller (Superior) TD-15-700-0 Equipment Combination (for use with Superior 150B Bucket Backfiller).....	176
Front Platforms, fenders and supports	
Pay Welder TD-15-600-1 Equipment Combination.....	178
Backfiller (Superior) TD-15-700-0 Equipment Combination (for use with Superior 150B Bucket Backfiller).....	178
Guard, radiator	
Sideboom (Superior) TD-15-502-1 Equipment Combination (for use with Superior SBI-150BH Sideboom) (TD-150 2755 to 4000).....	168
(TD-15-151 Series).....	170
Sideboom (Superior) TD-15-504-2 Equipment Combination (for use with Superior SBI-150 Side- boom and Hydraulic Blade Backfiller or SBI-150BH Sideboom and Hydraulic Blade Backfiller) (TD-150 501 to 2754).....	166
(TD-150 2755 to 4000).....	168
(TD-15-151 Series).....	170
Pay Welder TD-15-600-1 Equipment Combination (TD-15-150 Series).....	172
(TD-15-151 Series).....	173
Backfiller (Superior) TD-15-700-0 Equipment Combination (for use with Superior 150B Bucket Backfiller).....	173
Pump, hydraulic (Hydreco)	
Sideboom (Superior) TD-15-502-1 Equipment Combination (for use with Superior SBI-150BH Sideboom).....	179
Sideboom (Superior) TD-15-504-2 Equipment Combination (for use with Superior or SBI-150BH Sideboom and Hydraulic Blade Backfiller).....	179
Shaft, power take-off	
Sideboom (Superior) TD-15-502-1 Equipment Combination (for use with Superior SBI-150BH Sideboom).....	184
Sideboom (Superior) TD-15-504-2 Equipment Combination (for use with Superior SBI-150 Side- boom and Hydraulic Blade Backfiller or SBI-150BH Sideboom and Hydraulic Blade Backfiller)	184
Pay Welder TD-15-600-1 Equipment Combination.....	185
Backfiller (Superior) TD-15-700-0 Equipment Combination (for use with Superior 150B Bucket Backfiller).....	185
Shaft, generator drive	
Pay Welder TD-15-600-1 Equipment Combination (TD-15-150 Series).....	186
(TD-15-151 Series).....	187
Backfiller (Superior) TD-15-700-0 Equipment Combination (for use with Superior 150B Bucket Backfiller).....	187
Valve, hydraulic (Hydreco)	
Sideboom (Superior) TD-15-502-1 Equipment Combination (for use with Superior SBI-150BH Sideboom).....	181
Sideboom (Superior) TD-15-504-2 Equipment Combination (for use with Superior SBI-150 Side- boom and Hydraulic Blade Backfiller or SBI-150BH Sideboom and Hydraulic Blade Backfiller)	181

**UNITS COMMON FOR
EQUIPMENT COMBINATIONS**

RADIATOR GUARD

(TD-150-501 to 2754) TD-15-504-2 EQUIPMENT COMBINATION, sideboom (for use with Superior SBI-150 Sideboom and Hydraulic Blade Backfiller or SBI-150BH Sideboom and Hydraulic Blade Backfiller)



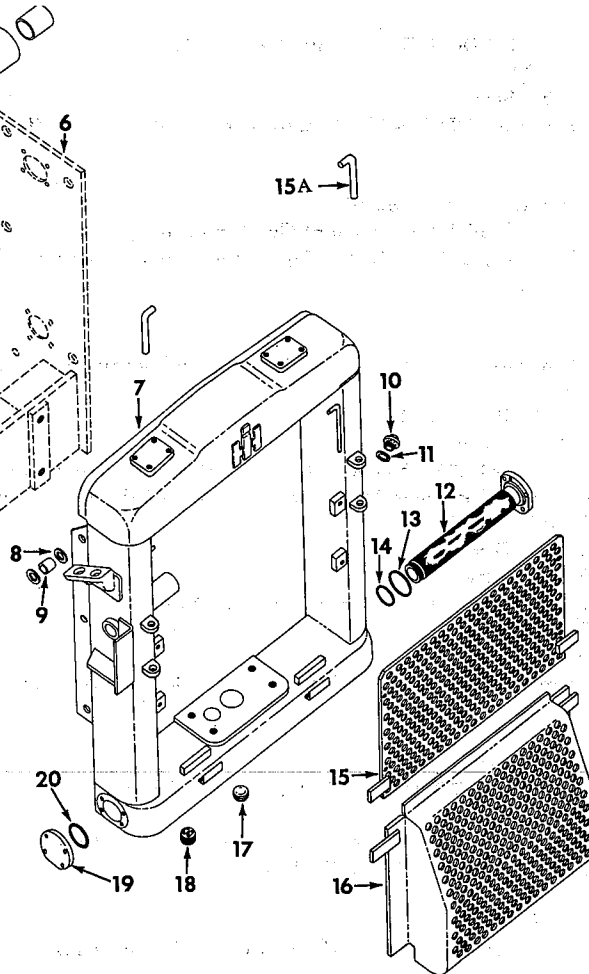
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REF. NO.	I. H. PART NUMBER	DESCRIPTION
	304 339 R91	ATTACHMENT, radiator guard (Consists of the following parts) Field Application - Order Through Regular Service Parts Channels
1	289 254 R1	BUSHING, outer hoist cylinder yoke (2)
2	289 253 R1	BUSHING, inner hoist cylinder yoke (2)
3	109 461	FITTING, lubrication (Lincoln 5000) (optional with 138 322 H) (for hoist cylinder yoke outer bushing) (2)
3	138 322 H	FITTING, 1/8" lubrication (Alemite 1610BL) (optional with 109 461)(for hoist cylinder yoke outer bushing)(2)
4	126 152	FITTING, 1/8" lubrication (Lincoln 5200) (optional with 271 283)(for hoist cylinder yoke inner bushing)(2)
4	271 283	FITTING, lubrication (Alemite 1688B) (optional with 126 152)(for hoist cylinder yoke inner bushing)(2)

**UNITS COMMON FOR
EQUIPMENT COMBINATIONS**

RADIATOR GUARD - CONTINUED

(TD-150-501 to 2754) TD-15-504-2 EQUIPMENT COMBINATION, sideboom (for use with Superior SBI-150 Sideboom and Hydraulic Blade Backfiller or SBI-150BH Sideboom and Hydraulic Blade Backfiller)



REF. NO.	I. H. PART NUMBER	DESCRIPTION
5	304 359 R91	TUBE w/two BUSHING, 289 253 R1 and two BUSHING, 289 254 R1 cylinder support cross 3/4" jam NUT (4) 3/4 x 2-1/2" hex-hd. cap SCREW (4)
6		FRAME, mounting (†)
7	304 355 R91	GUARD, radiator (order PACKAGE, 322 406 R91) 3/4" jam NUT (6) 3/4 x 1-1/2" hex-hd. cap SCREW (2) 3/4 x 2-1/2" hex-hd. cap SCREW (4)
		(†) - Furnished with TD-15-150 Series Tractor, Not furnished as part of attachment.

**UNITS COMMON FOR
EQUIPMENT COMBINATIONS**

REF. NO.	I.H. PART NUMBER	DESCRIPTION
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RADIATOR GUARD - CONTINUED

(TD-150-501 to 2754) TD-15-504-2 EQUIPMENT COMBINATION, sideboom (for use with Superior SBI-150 Sideboom and Hydraulic Blade Backfiller or SBI-150BH Sideboom and Hydraulic Blade Backfiller)

8	303 667 R1	RETAINER, radiator guard mounting (8)
9	303 669 R1	DOWEL, radiator guard mounting (4)
9	305 266 R1	DOWEL, radiator guard mounting (.062" oversize) (X)
10	294 118 R2	PLUG, oil filler
11	253 172 R1	RING, oil filler plug sealing
12	294 997 R91	STRAINER, oil (order 311 223 R91)
12	310 791 R91	STRAINER, oil 3/8 x 1" hex-hd. cap SCREW (4) 3/8" external-tooth lock WASHER (4)
13	295 204 R1	RING, oil strainer sealing (large)
14	295 203 R1	RING, oil strainer sealing (small)
15	304 360 R11	DOOR, upper radiator guard (order PACKAGE, 320 358 R91)
15A	299 842 R1	PIN, latch (2)
16	304 361 R91	DOOR, lower radiator guard (order PACKAGE, 320 358 R91)
17	271 647 R1	PLUG, oil drain
18	281 425 R91	PLUG, magnetic drain
19	311 094 R1	COVER, radiator guard bottom member cleanout 3/8 x 1" hex-hd. cap SCREW (4) 3/8" external-tooth lock WASHER (4)
20	295 204 R1	RING, check valve sealing
21	303 667 R1	RETAINER, cross tube mounting dowel (8)
22	303 669 R1	DOWEL, cross tube mounting (4)
22	305 266 R1	DOWEL, cross tube mounting (.062" oversize)(X)
	259 206 R11	BODY, check valve (order 311 223 R91)
	IZG-4540	DRAWING, radiator guard door installation
	IZG-4701	DRAWING, radiator guard installation
	311 223 R91	PACKAGE, full flow oil strainer field service (will work for 294 997 R91, 295 206 R11 and 295 207 R1) (Composed of - 1 DIAGRAM IZG 3834 1 PLUG 144 000 1 RING 295 203 R1 1 RING 295 204 R1 1 STRAINER 310 791 R91)
	320 358 R91	PACKAGE, radiator guard door field service (Consists of - 1 DOOR 307 680 R21 1 DOOR 322 183 R11 1 DRAWING IZG-4540 § 2 HINGE § 2 PIN 2 PIN 299 842 R1 2 PIN 517 843 R1)
	322 406 R91	PACKAGE, radiator guard field service (Consists of - 1 ADAPTER 309 303 R93 1 DRAWING IZG-4701 1 GASKET 309 304 R91 1 GUARD 309 261 R91)

**UNITS COMMON FOR
EQUIPMENT COMBINATIONS**

REF. NO.	I.H. PART NUMBER	DESCRIPTION
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RADIATOR GUARD - CONTINUED

(TD-150-501 to 2754) TD-15-504-2 EQUIPMENT COMBINATION, sideboom (for use with Superior SBI-150 Sideboom and Hydraulic Blade Backfiller or SBI-150BH Sideboom and Hydraulic Blade Backfiller)

144 000	PLUG, radiator guard bottom member manifold
295 207 R1	TUBE, check valve (order 311 223 R91)

(†) - Furnished with TD-15-150 Series Tractor. Not furnished as part of attachment

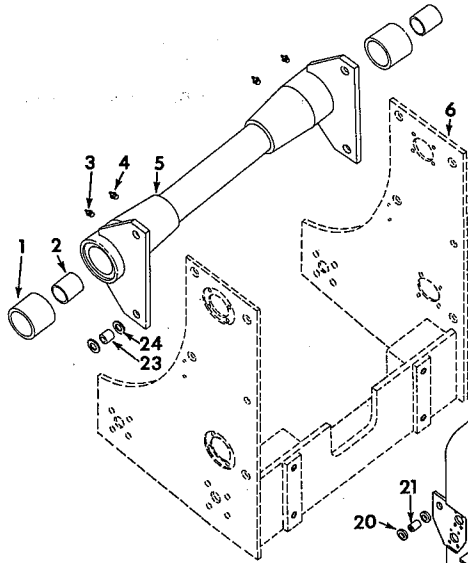
§ - Not Furnished Separately.

X - As Required

UNITS COMMON FOR EQUIPMENT COMBINATIONS

RADIATOR GUARD

(TD-150-2755 to 4000) TD-15-502-1 EQUIPMENT COMBINATION sideboom (for use with Superior SBI-150BH Sideboom) or TD-15-504-2 EQUIPMENT COMBINATION, Sideboom (for use with Superior SBI-150 Sideboom and Hydraulic Blade Backfiller or SBI-150BH Sideboom and Hydraulic Blade Backfiller)

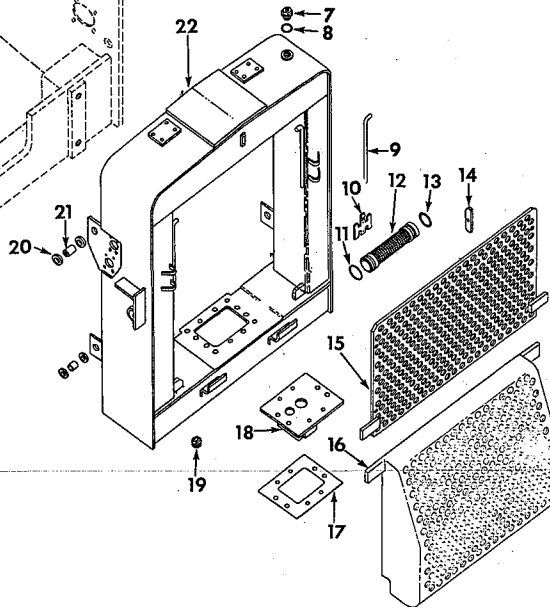


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UNITS COMMON FOR EQUIPMENT COMBINATIONS

RADIATOR GUARD - CONTINUED

(TD-150-2755 to 4000) TD-15-502-1 EQUIPMENT COMBINATION, sideboom (for use with Superior SBI-150BH Sideboom) or TD-15-504-2 EQUIPMENT COMBINATION, Sideboom (for use with Superior SBI-150 Sideboom and Hydraulic Blade Backfiller or SBI-150BH Sideboom and Hydraulic Blade Backfiller)



REF. NO.	I. H. PART NUMBER	DESCRIPTION
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(X) - KEY TO UNITS -

- A - Service parts for radiator guard used on sideboom combination (TD-15-502-1)
- B - Service parts for radiator guard used on sideboom combination (TD-15-504-2)

(X) - Letters of these units correspond with those shown following the description of the parts in the list below and identifies the unit for which the part is used. Items without letters after the description indicates the part is used for all units.

1	289 254 R1	BUSHING, outer hoist cylinder yoke (2 for Unit B)
2	289 253 R1	BUSHING, inner hoist cylinder yoke (2 for Unit B)
3	109 461	FITTING, 1/8" lubrication (Lincoln 5000) (optional with 138 322 H) (for hoist cylinder yoke outer bushing) (2 for Unit B)

REF. NO.	I. H. PART NUMBER	DESCRIPTION
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3	138 322 H	FITTING, 1/8" lubrication (Alemite 1610BL) (optional with 109 461) (hoist cylinder yoke outer bushing) (2 for Unit B)
4	109 461	FITTING, 1/8" lubrication (Lincoln 5000) (optional with 138 322 H) (for hoist cylinder yoke inner bushing) (2 for Unit B)
4	138 322 H	FITTING, 1/8" lubrication (Alemite 1610BL) (optional with 109 461) (for hoist cylinder yoke inner bushing) (2 for Unit B)
5	304 359 R91	TUBE w/two BUSHING, 289 253 R1 and two BUSHING, 289 254 R1 cylinder support cross (Unit B) 3/4" jam NUT (4) 3/4 x 2-1/2" hex-hd cap SCREW (4)
6		FRAME, mounting (†)

(†) - Furnished with TD-15 (150 Series) Tractor. Not Furnished as Part of Attachment.


**UNITS COMMON FOR
EQUIPMENT COMBINATIONS**

REF. NO.	L.H. PART NUMBER	DESCRIPTION
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RADIATOR GUARD - CONTINUED

(TD-150-2755 to 4000) TD-15-502-1 EQUIPMENT COMBINATION, sideboom (for use with Superior SBI-150BH Sideboom) or TD-15-504-2 EQUIPMENT COMBINATION, Sideboom (for use with Superior SBI-150 Sideboom and Hydraulic Blade Backfiller or SBI-150BH Sideboom and Hydraulic Blade Backfiller)

7	294 118 R2	PLUG, oil filler
8	253 172 R1	RING, oil filler plug sealing
9	299 842 R1	PIN, door hinge (2)
10	311 263 R1	EMBLEM, "IH" No. 4 x 1/4" drive SCREW (2)
11	301 913 R1	RING, suction filter seal (small) (2-7/16 x 2-5/8 x 3/32")
12	310 897 R91	STRAINER, oil
13	352 313 R1	RING, hydraulic pump filter sealing (2-3/8 x 2-3/4 x 3/16")
14	284 179 R1	PLATE, strainer retainer (2) 3/8 x 5/8" hex-hd cap SCREW (2) 3/8" lock WASHER (2)
15	307 680 R21	DOOR, radiator guard upper
16	322 183 R11	DOOR, radiator guard lower
17	309 304 R1	GASKET, pump adapter
18	309 303 R91 313 222 R1	ADAPTER, hydraulic pump BOLT, adapter mounting (4)
19	280 668 R91	PLUG, magnetic drain
20	303 667 R1	RETAINER, radiator guard mounting dowel (8)
21	303 669 R1	DOWEL, radiator guard mounting (4)
21	305 266 R1	DOWEL, radiator guard mounting (.062" oversize) (X)
22	309 261 R91	GUARD w/PLUG, 294 118 R2, PLUG, 260 668 R91 and RING, 253 172 R1, radiator 3/4" jam NUT (4) 3/4 x 2-1/2" hex-hd cap SCREW (4)
23	303 669 R1	DOWEL, cross tube mounting (4 for Unit B)
23	305 266 R1	DOWEL, cross tube mounting (.062" over- size) (X for Unit B)
24	303 667 R1 517 843 R1	RETAINER, cross tube mounting dowel (8 for Unit B) PIN, Q.A. cotter (2)

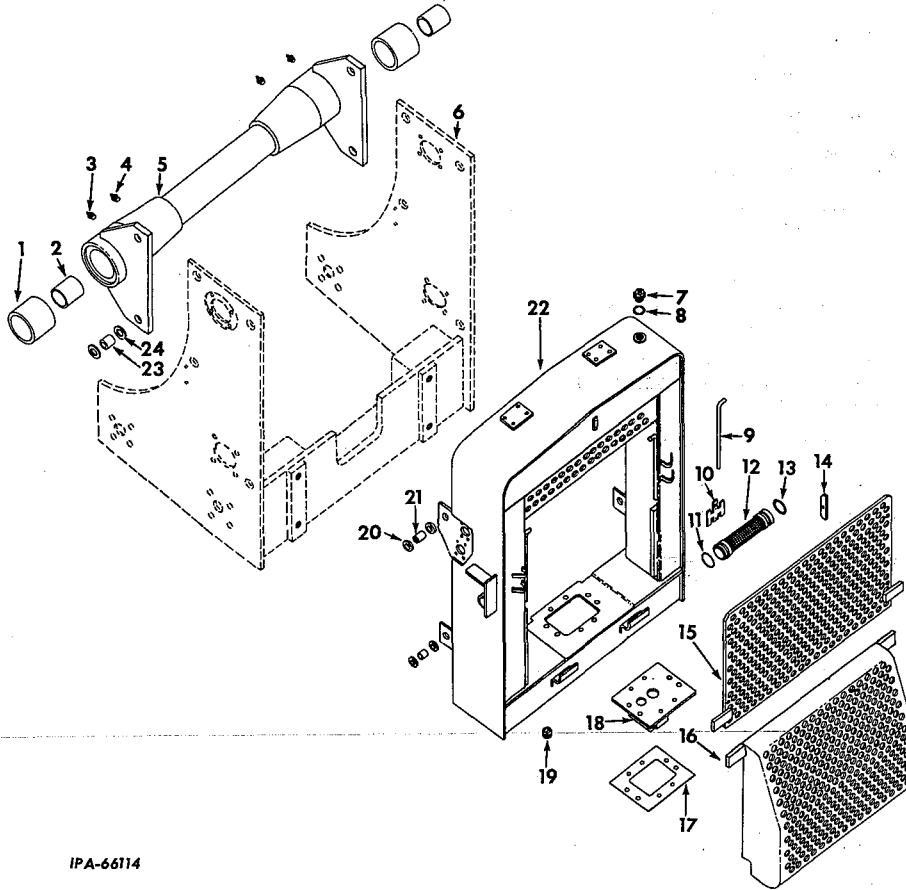
(X) - As Required.


MEMORANDUM

-170-
UNITS COMMON FOR
EQUIPMENT COMBINATIONS

RADIATOR GUARD

TD-15 (151 Series) TD-15-502-1 EQUIPMENT COMBINATION, Sideboom (for use with Superior SBI-15BH Sideboom) or TD-15-504-2 EQUIPMENT COMBINATION, Sideboom (for use with Superior SBI-150 Sideboom and Hydraulic Blade Backfiller or SBI-150BH Sideboom and Hydraulic Blade Backfiller)



IPA-66114

-170-
UNITS COMMON FOR
EQUIPMENT COMBINATIONS

RADIATOR GUARD - CONTINUED

TD-15 (151 Series) TD-15-502-1 EQUIPMENT COMBINATION, Sideboom (for use with Superior SBI-150BH Sideboom) or TD-15-504-2 EQUIPMENT COMBINATION, Sideboom (for use with Superior SBI-150 Sideboom and Hydraulic Blade Backfiller or SBI-150BH Sideboom and Hydraulic Blade Backfiller)

REF. NO.	I. H. PART NUMBER	DESCRIPTION
(X) - KEY TO UNITS -		
A - Service parts for radiator guard used on sideboom equipment combination (TD-15-502-1)		
B - Service parts for radiator guard used on sideboom equipment combination (TD-15-504-2)		
(X) - Letters of these units correspond with those shown following the description of the parts in the list below and identifies the unit for which the part is used. Items without letters after the description indicates the part is used for all units.		
1	289 254 R1	BUSHING, outer hoist cylinder yoke (2 for Unit B)
2	289 253 R1	BUSHING, inner hoist cylinder yoke (2 for Unit B)
3	109 461	FITTING, 1/8" lubrication (Lincoln 5000) (optional with 138 322 H) (for hoist cylinder yoke outer bushing) (2 for Unit B)

REF. NO.	I. H. PART NUMBER	DESCRIPTION
3	138 322 H	FITTING, 1/8" lubrication (Alemite 1610BL) (optional with 109 461) (hoist cylinder yoke outer bushing) (2 for Unit B)
4	109 461	FITTING, 1/8" lubrication (Lincoln 5000) (optional with 138 322 H) (for hoist cylinder yoke inner bushing) (2 for Unit B)
4	138 322 H	FITTING, 1/8" lubrication (Alemite 1610BL) (optional with 109 461) (for hoist cylinder yoke inner bushing) (2 for Unit B)
5	304 359 R91	TUBE w/two BUSHING, 289 253 R1 and two BUSHING, 289 254 R1 cylinder support cross (Unit B) 3/4" jam NUT (4) 3/4 x 2-1/2" hex-hd cap SCREW (4)
		(†) - Furnished with TD-15 (151 Series) Tractor. Not Furnished as Part of Attachment.

UNITS COMMON FOR
EQUIPMENT COMBINATIONS



MEMORANDUM



REF. NO.	I. H. PART NUMBER	DESCRIPTION
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RADIATOR GUARD - CONTINUED

TD-15 (151 Series) TD-15-502-1 EQUIPMENT COMBINATION, Sideboom (for use with Superior SBI-150 BH Sideboom) or TD-15-504-2 Equipment Combination Sideboom (for use with Superior SBI-150 Sideboom and Hydraulic Blade Backfiller or SBI-150BH Sideboom and Hydraulic Blade Backfiller)

6		FRAME, mounting (†)
7	294 118 R2	PLUG, oil filler
8	253 172 R1	RING, oil filler plug sealing
9	299 842 R1	PIN, door hinge (2)
10	311 263 R1	EMBLEM, "IH" No. 4 x 1/4" drive SCREW (2)
11	301 913 R1	RING, suction filter seal (small) (2-7/16 x 2-5/8 x 3/32")
12	310 897 R91	STRAINER, oil
13	352 313 R1	RING, hydraulic pump filter sealing (2-3/8 x 2-3/4 x 3/16")
14	284 179 R1	PLATE, strainer retainer (2) 3/8 x 5/8" hex-hd cap SCREW (2) 3/8" lock WASHER (2)
15	307 680 R21	DOOR, radiator guard upper
16	322 183 R11	DOOR, radiator guard lower
17	309 304 R1	GASKET, pump adapter
18	309 303 R91 313 222 R1	ADAPTER, hydraulic pump BOLT, adapter mounting (4)
19	280 668 R91	PLUG, magnetic drain
20	303 667 R1	RETAINER, radiator guard mounting dowel (8)
21	303 669 R1	DOWEL, radiator guard mounting (4)
21	305 266 R1	DOWEL, radiator guard mounting (.062" oversize) (X)
22	322 093 R91	GUARD w/PLUG, 294 118 R2, PLUG, 260 668 R91 and RING, 253 172 R1, radiator 3/4" jam NUT (4) 3/4 x 2-1/2" hex-hd cap SCREW (4)
23	303 669 R1	DOWEL, cross tube mounting (4 for Unit B)
23	305 266 R1	DOWEL, cross tube mounting (.062" oversize) (X for Unit B)
24	303 667 R1	RETAINER, cross tube mounting dowel (8 for Unit B)
	517 843 R1	PIN, Q.A. cotter (2)

(†) - Furnished with TD-15 (151 Series) Tractor. Not Furnished as Part of Attachment.

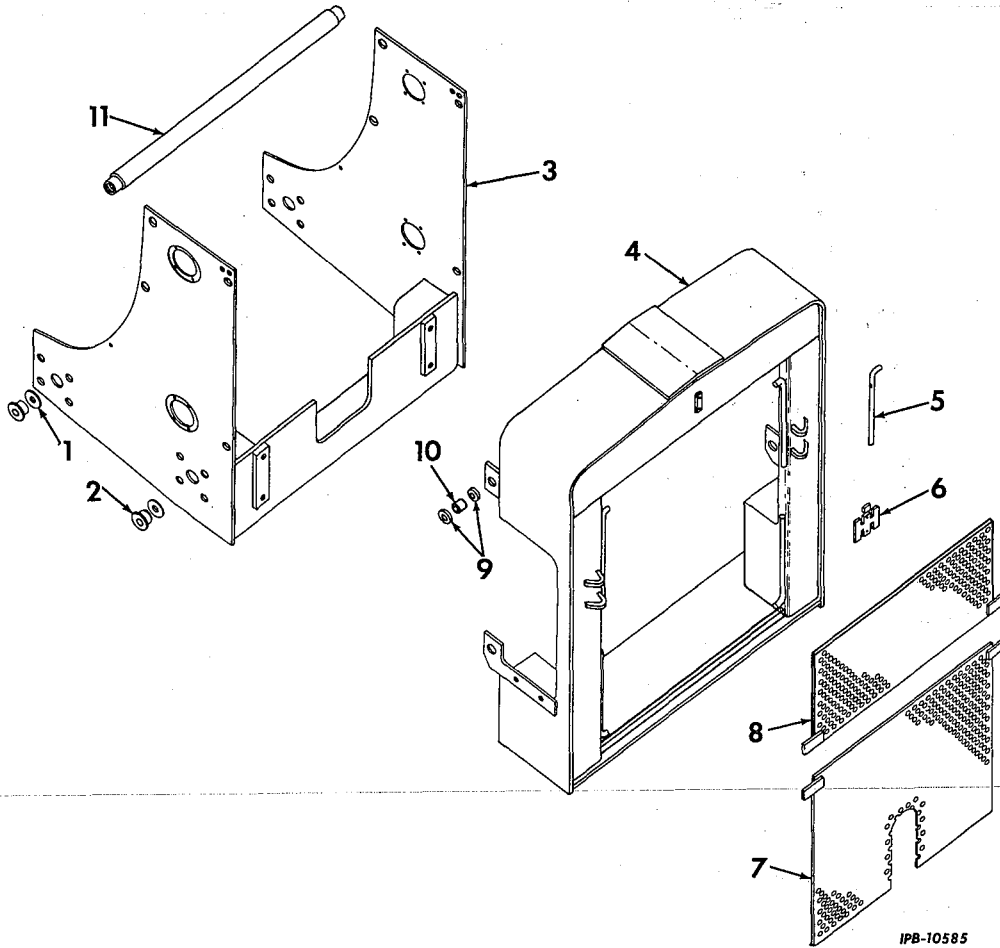
X - As Required

**UNITS COMMON FOR
EQUIPMENT COMBINATIONS**



RADIATOR GUARD

TD-15 (150 Series) TD-15-600-1 EQUIPMENT COMBINATION,
Pay Welder (for use with Pay Welder)



IPB-10585

REF. NO.	I. H. PART NUMBER	DESCRIPTION
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1	274 289 R1	RETAINER, radiator mounting frame dowel (4) 1/2" NUT (4) 1/2 x 1-1/4" hex-hd. cap SCREW (4) 1/2" lock WASHER (4)
2	274 288 R1	DOWEL, radiator mounting frame (4)
3	307 646 R91	FRAME, radiator mounting 7/8" NUT (16) 7/8 x 2-1/2" hex-hd. cap SCREW (16)
4	314 761 R91	GUARD, radiator
5	299 842 R1	PIN, radiator guard door latch (2)
6	311 263 R1	EMBLEM, IH No. 4 x 1/4" drive SCREW (2)

**UNITS COMMON FOR
EQUIPMENT COMBINATIONS**



RADIATOR GUARD - CONTINUED

TD-15 (150 Series) TD-15-600-1 EQUIPMENT COMBINATION,
Pay Welder (for use with Pay Welder)

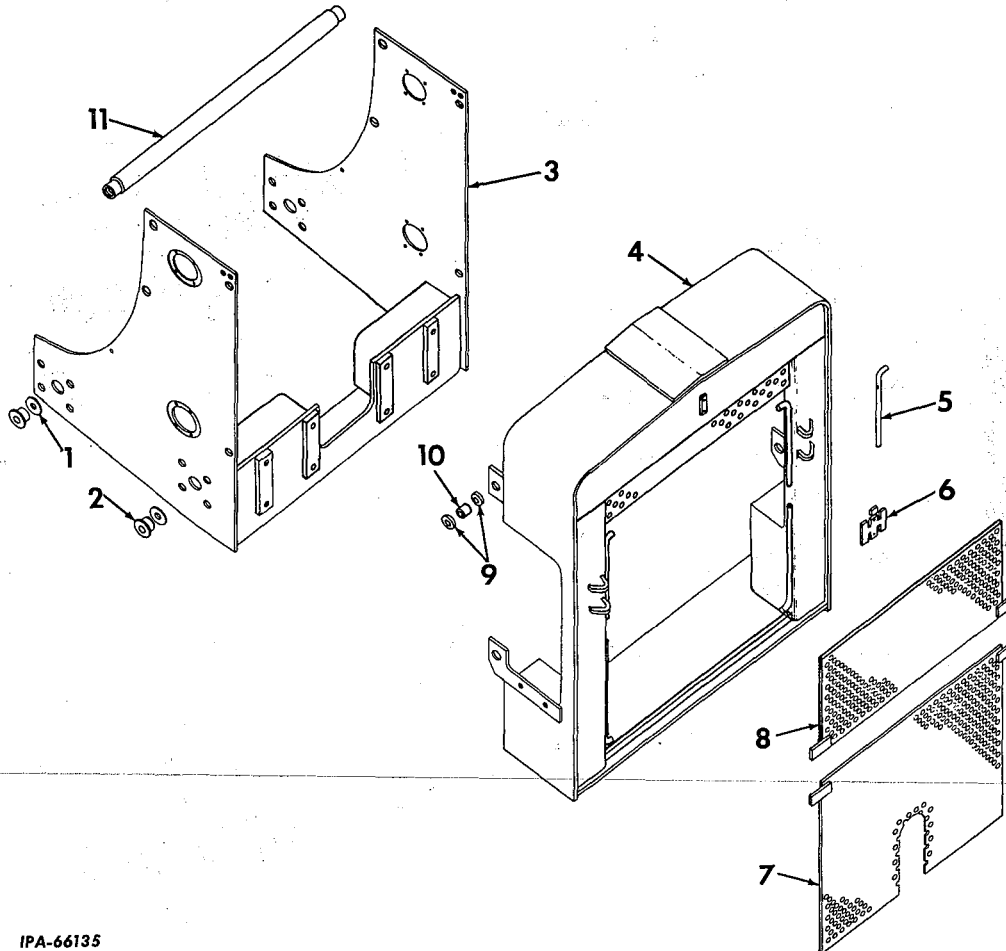
REF. NO.	I. H. PART NUMBER	DESCRIPTION
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7	314 428 R92	DOOR, radiator guard lower
8	307 680 R21	DOOR, radiator guard upper
9	303 667 R1	RETAINER, radiator guard mounting dowel (8) 3/4" NUT (4) 3/4 x 2-1/2" hex-hd. cap SCREW (4)
10	311 140 R1	SPACER, radiator guard mounting (4)
11	314 223 R1	ROD, stabilizer 5/8 x 1-1/2" hex-hd. cap SCREW (2)
	314 224 R1	WASHER, stabilizer rod (2)
	517 843 R1	PIN, Q. A. cotter (2)

**UNITS COMMON FOR
EQUIPMENT COMBINATIONS**

RADIATOR GUARD

TD-15 (151 Series) TD-15-600-1 EQUIPMENT COMBINATION, Pay Welder (for use with Pay Welder) or TD-15-700-0 EQUIPMENT COMBINATION, Sideboom (for use with Superior 150B Bucket Backfiller)



IPA-66135

REF. NO.	I. H. PART NUMBER	DESCRIPTION
1	274 289 R1	RETAINER, radiator mounting frame dowel (4) 1/2 x 1-1/4" hex-hd cap SCREW (4) 1/2" lock WASHER (4)
2	274 288 R1	DOWEL, radiator mounting frame (4)
3	322 425 R91	FRAME, radiator mounting 7/8" NUT (16) 7/8 x 2-1/2" hex-hd cap SCREW (16)
4	322 097 R91	GUARD, radiator
5	299 842 R1	PIN, radiator guard door latch (2)
6	311 263 R1	EMBLEM, IH No. 4 x 1/4" drive SCREW (2)

**UNITS COMMON FOR
EQUIPMENT COMBINATIONS**

RADIATOR GUARD - CONTINUED

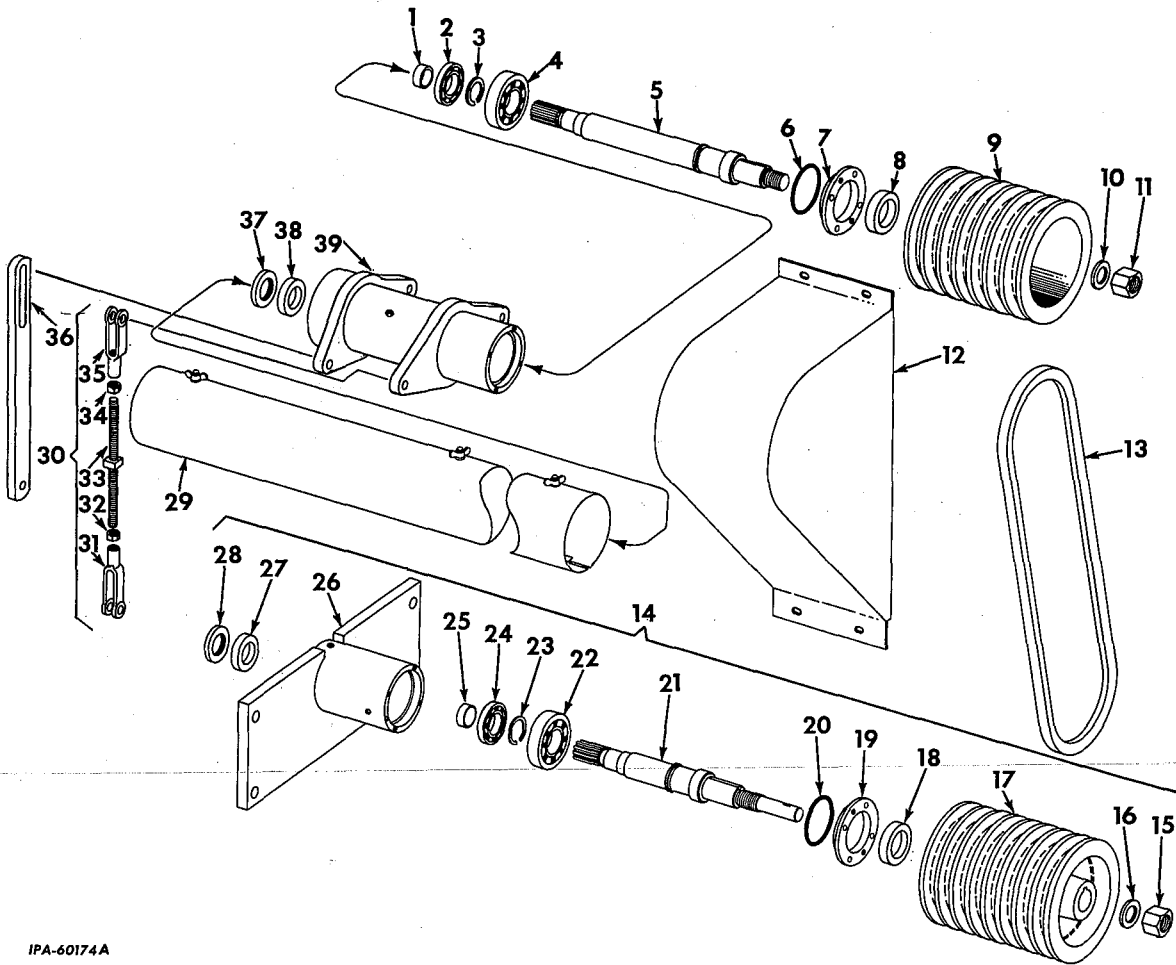
TD-15 (151 Series) TD-15-600-1 EQUIPMENT COMBINATION, Pay Welder (for use with Pay Welder) or TD-15-700-0 EQUIPMENT COMBINATION, Sideboom (for use with Superior 150B Bucket Backfiller)

REF. NO.	I. H. PART NUMBER	DESCRIPTION
7	314 428 R92	DOOR, radiator guard lower
8	307 680 R21	DOOR, radiator guard upper
9	303 667 R1	RETAINER, radiator guard mounting dowel (8) 3/4" NUT (4) 3/4 x 2-1/2" hex-hd cap SCREW (4)
10	311 140 R1	SPACER, radiator guard mounting (4)
11	314 223 R1	ROD, stabilizer 5/8 x 1-1/2" hex-hd cap SCREW (2)
	314 224 R1	WASHER, stabilizer rod (2)
	517 843 R1	PIN, Q.A. cotter (2)

-174-
**UNITS COMMON FOR
 EQUIPMENT COMBINATIONS**

FRONT DRIVE

TD-15 (150 Series) TD-15-600-1 EQUIPMENT COMBINATION,
 Pay Welder (for use with Pay Welder)



IPA-60174A

REF. NO.	I. H. PART NUMBER	DESCRIPTION
1	317 589 R1	SLEEVE, generator drive shaft wear (2)
2	ST 264	BEARING, generator drive shaft rear (2)
3	309 055 R1	RING, bearing retainer (optional with 300 026 R1) (2)
3	300 026 R1	RING, bearing retainer (optional with 309 055 R1) (2)
4	260 253 R91	BEARING, generator drive shaft front (2)
5	314 745 R1	SHAFT, generator drive (2)
6	313 516 R1	"O" RING, 4-1/2 x 4-3/4 x 1/8" bearing cap (2)
7	314 198 R1	CAP, bearing (2) 3/8 x 1" hex-hd. cap SCREW (8) 3/8" lock WASHER (8)

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-174-
**UNITS COMMON FOR
 EQUIPMENT COMBINATIONS**

FRONT DRIVE - CONTINUED

TD-15 (150 Series) TD-15-600-1 EQUIPMENT COMBINATION,
 Pay Welder (for use with Pay Welder)

REF. NO.	I. H. PART NUMBER	DESCRIPTION
8	111 644 R91	SEAL, generator drive shaft front (2)
9	314 207 R2	PULLEY, generator drive (2)
10		WASHER, 1-9/16 x 3-1/4 x .180 ga. genera- tor drive pulley (2)
11		NUT, 1-1/2" generator drive pulley retainer (2)
12	314 746 R91	COVER, LH pulley
12	314 747 R91	COVER, RH pulley 1/2 x 3/4" hex-hd cap SCREW (8) 1/2" lock WASHER (8) 17/32 x 1-1/16 x .095 ga WASHER (8)
13	313 566 R91	BELT, generator drive (matched set of four belts) (2)

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**UNITS COMMON FOR
EQUIPMENT COMBINATIONS**

REF. NO.	I.H. PART NUMBER	DESCRIPTION
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FRONT DRIVE - CONTINUED

TD-15 (150 Series) TD-15-600-1 EQUIPMENT COMBINATION,
Pay Welder (for use with Pay Welder)

14	314 771 R91	DRIVE ASSEMBLY, main (order 322 427 R91) (Composed of - 1 BEARING ST 264 1 BEARING 260 253 R91 1 CAP 314 198 R1 1 HOUSING 314 733 R91 1 KEY Q 56 1 "O" RING 313 516 R1 1 PACKAGE 308 677 R92 1 PULLEY 314 739 R1 1 RING 309 055 R1 1 SEAL 111 644 R91 1 SEAL 299 491 R91 1 SHAFT 314 738 R1 1 SLEEVE 317 589 R1 3/4 x 1-3/4" hex-hd cap SCREW (4) 7/8 x 2" hex-hd cap SCREW (2) 314 225 R1 SHIM, washer (X)
15		NUT, 1-1/2" main drive pulley retainer
16		WASHER, 1-9/16 x 3-1/4 x .180 ga. main drive pulley
17	314 739 R1	PULLEY, main drive
18	111 644 R91	SEAL, main drive shaft front
19	314 198 R1	CAP, bearing 3/8 x 1" hex-hd. cap SCREW (4) 3/8" lock WASHER (4)
20	313 516 R1	"O" RING, 4-1/2 x 4-3/4 x 1/8" bearing cap
21	314 738 R1	SHAFT, main drive
22	260 253 R91	BEARING, main drive shaft front
23	309 055 R1	RING, bearing retainer (optional with 300 026 R1)
23	300 026 R1	RING, bearing retainer (optional with 309 055 R1)
24	ST 264	BEARING, main drive shaft rear
25	317 589 R1	SLEEVE, main drive shaft wear
26	314 733 R91	HOUSING, main drive shaft
27		OIL SEAL, main drive shaft rear (order 308 677 R92)
28	299 491 R91	SEAL, power take-off shaft oil wiper
29	314 419 R91	COVER, universal joint drive (2) 1/4 x 1/2" hex-hd. cap SCREW (4) 1/4" lock WASHER (4) 9/32 x 5/8 x .065 ga. WASHER (4)
30	314 214 R91	TURNBUCKLE ASSEMBLY (2) (Composed of - 1 CLEVIS 144 247 1 CLEVIS 19 666 R1 1 NUT 19 664 R1 1 ROD 314 215 R11)
311 191 R1		PIN, 3/4" rod end clevis (4) 5/32 x 1-1/4" cotter PIN (4)
31	19 666 R1	CLEVIS, turnbuckle (LH thread) (2)
32	19 664 R1	NUT, 3/4NF (LH thread) (2)
33	314 215 R11	ROD, turnbuckle (2)
34		NUT, 3/4NF (2)

**UNITS COMMON FOR
EQUIPMENT COMBINATIONS**

REF. NO.	I.H. PART NUMBER	DESCRIPTION
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FRONT DRIVE - CONTINUED

TD-15 (150 Series) TD-15-600-1 EQUIPMENT COMBINATION,
Pay Welder (for use with Pay Welder)

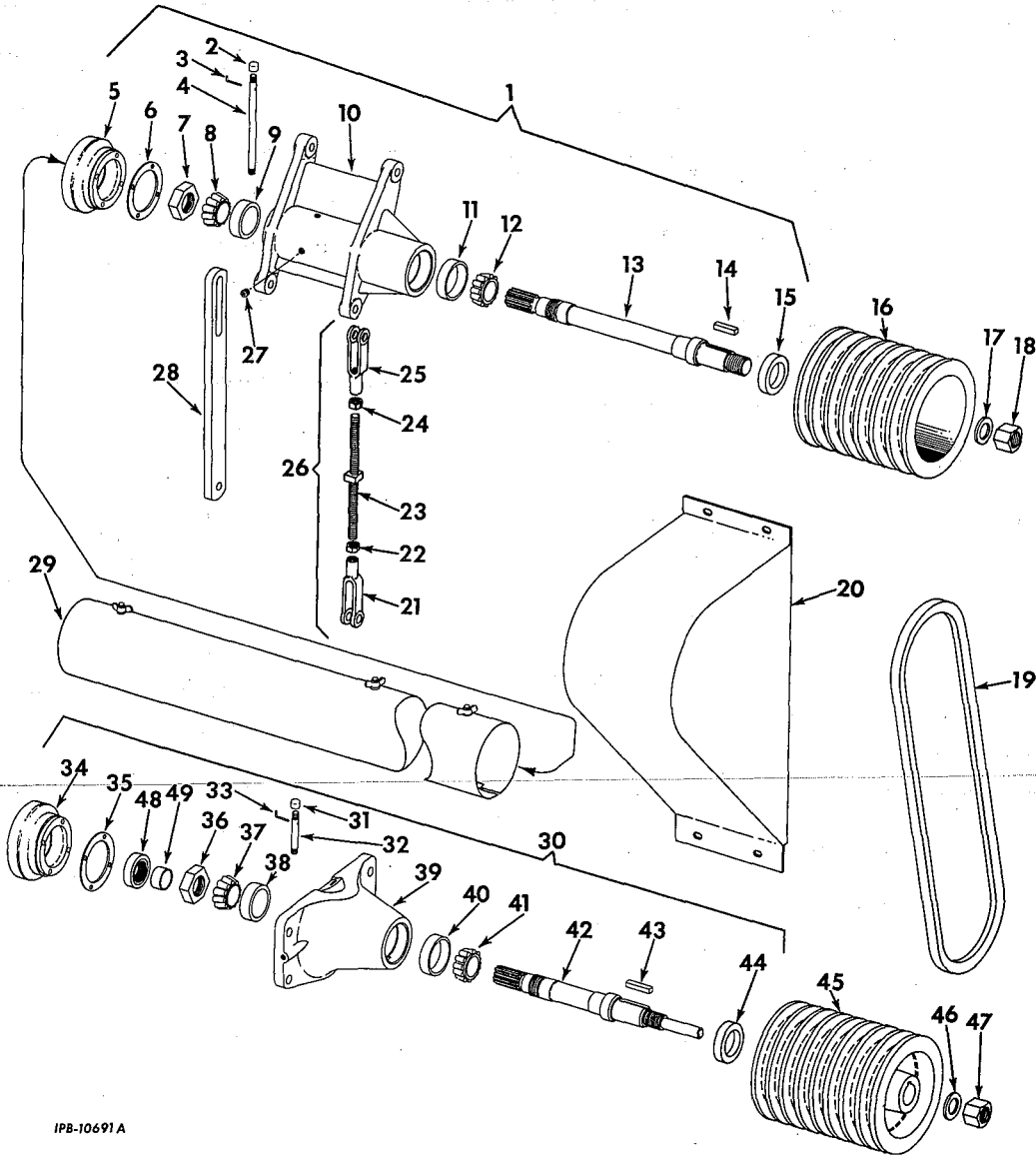
35	144 247	CLEVIS, turnbuckle
36	320 525 R1 273 698 R1	BAR, generator drive housing support (2) BOLT, 3/4NF x 1-5/16" (2) 3/4NF NUT (2) 3/4" external tooth lock WASHER (2)
37	299 491 R91	SEAL, generator drive shaft oil wiper (2)
38		OIL SEAL, generator drive shaft rear (order 308 677 R92)
39	320 529 R91	HOUSING, generator drive (will work for 314 740 R91) (2)
317 621 R91		BUSHING, 1/4 x 1/2" reducing pipe (2) CAP, breather (2) COUPLING, 1/2 x 1/4" reducing pipe
314 772 R91		DRIVE ASSEMBLY, generator (order 314 772 R92) (Composed of - 1 BEARING ST 264 1 BEARING 260 253 R91 1 CAP 314 198 R1 1 HOUSING 320 529 R91 1 KEY Q 56 1 "O" RING 313 516 R1 1 PACKAGE 308 677 R92 1 RING 309 055 R1 1 SEAL 111 644 R91 1 SEAL 299 491 R91 1 SHAFT 314 745 R1 1 SLEEVE 317 589 R1) 273 698 R1 SCREW, 3/4NF x 2-5/16" dowel cap (4) Q 56 KEY, drive pulley (3) 308 677 R92 PACKAGE, oil seal and wear sleeve (consists of SLEEVE, 317-589-R1 and OIL SEAL) (3) 314 737 R1 PIPE, filler PLUG, 1/8" slit. hdls. main drive shaft housing (2) PLUG, 1/2" sq-soc. generator drive housing level (2)

UNITS COMMON FOR EQUIPMENT COMBINATIONS



FRONT DRIVE

TD-15 (151 Series) TD-15-600-1 EQUIPMENT COMBINATION, Pay Welder (for use with Pay Welder) or TD-15-700-0 EQUIPMENT COMBINATION, Sideboom (for use with Superior 150B Bucket Backfiller)



IPB-10691A

REF. NO.	I.H. PART NUMBER	DESCRIPTION
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(X) - KEY TO UNITS -

A - Service parts for Front Drive used on TD-15-700-0 Backfiller Equipment Combinations.

B - Service parts for Front Drive used on TD-15-600-1 Pay Welder Equipment Combinations.

(X) - Letters of these units correspond with those shown following the description of the parts in the list below and identifies the unit for which the part is used. Items without letters after the description indicates the part is used for all units.

UNITS COMMON FOR EQUIPMENT COMBINATIONS



FRONT DRIVE - CONTINUED

TD-15 (151 Series) TD-15-600-1 EQUIPMENT COMBINATION, Pay Welder (for use with Pay Welder) or TD-15-700-0 EQUIPMENT COMBINATION, Sideboom (for use with Superior 150B Bucket Backfiller)

REF. NO.	I.H. PART NUMBER	DESCRIPTION
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1 314 772 R92 DRIVE ASSEMBLY, generator (Unit A) (2 for Unit B)

(Composed of -

1	CAP	119 101
1	CAP	322 435 R1
1	CONE	85 971 H
1	CONE	321 547 R91
1	CUP	ST 863
1	CUP	ST 970
1	GASKET	322 432 R1
1	HOUSING	322 434 R1
1	KEY	Q-56
1	NUT	254 487 R1



UNITS COMMON FOR EQUIPMENT COMBINATIONS

REF. NO.	I.H. PART NUMBER	DESCRIPTION
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FRONT DRIVE - CONTINUED

TD-15 (151 Series) TD-15-600-1 EQUIPMENT COMBINATION, Pay Welder (for use with Pay Welder) or TD-15-700-0 EQUIPMENT COMBINATION, Sideboom (for use with Superior 150B Bucket Backfiller)

1	314 772 R92	DRIVE ASSEMBLY, generator (Unit A) (2 for Unit B) - Continued (Composed of - Continued)
		1 PACKAGE 322 429 R91
		1 PIPE 322 437 R1
		3 PLUG 116 566
		1 SEAL 321 546 R1
		1 SHAFT 322 436 R1
		1 SLEEVE 317 589 R1
		1 WIRE 286 952 R1)
2	119 101	CAP, filler pipe (Unit A) (2 for Unit B)
3	286 952 R1	WIRE, oil filler pipe (Unit A) (2 for Unit B)
4	322 437 R1	PIPE, oil filler (Unit A) (2 for Unit B)
5	322 435 R1	CAP, bearing retainer (Unit A) (2 for Unit B) 3/8 x 2" hex-hd cap SCREW (4 for Unit A) (8 for Unit B) 3/8" lock WASHER (4 for Unit A) (8 for Unit B)
6	322 432 R1	GASKET, bearing retainer cap (Unit A) (2 for Unit B)
7	254 487 R1	NUT, bearing retainer (Unit A) (2 for Unit B)
8	321 547 R91	CONE, generator drive shaft rear bearing (Unit A) (2 for Unit B)
9	ST 970	CUP, generator drive shaft rear bearing (Unit A) (2 for Unit B)
10	322 434 R1	HOUSING, generator drive (Unit A) (2 for Unit B)
11	ST 863	CUP, generator drive shaft front bearing (Unit A) (2 for Unit B)
12	85 971 H	CONE, generator drive shaft front bearing (Unit A) (2 for Unit B)
13	322 436 R1	SHAFT, generator drive (Unit A) (2 for Unit B)
14	Q 56	KEY, generator drive pulley (Unit A) (2 for Unit B)
15	321 546 R1	SEAL, generator drive shaft front (Unit A) (2 for Unit B)
16	314 207 R2	PULLEY, generator drive (Unit A) (2 for Unit B)
17		WASHER, 1-9/16" generator drive pulley retainer nut (Unit A) (2 for Unit B)
18		NUT, 1-1/2" generator drive pulley retainer (Unit A) (2 for Unit B)
19	313 566 R91	BELT, generator drive (matched set of 4) (2 for Unit B)
19	322 505 R91	BELT, generator drive (matched set of 7) (Unit A)
20	314 746 R91	COVER, LH pulley (Unit B)
20	314 747 R91	COVER, RH pulley 1/2 x 3/4" hex-hd cap SCREW (4 for Unit A) (8 for Unit B) 1/2" lock WASHER (4 for Unit A) (8 for Unit B) 17/32" WASHER (4 for Unit A) (8 for Unit B)
21	19 666 R1	CLEVIS, turnbuckle (LH thread) (Unit A) (2 for Unit B)
22	19 664 R1	NUT, 3/4NF (LH thread) (Unit A) (2 for Unit B)
23	314 215 R11	ROD, turnbuckle (Unit A) (2 for Unit B)
24		NUT, 3/4NF (Unit A) (2 for Unit B)
25	144 427	CLEVIS, turnbuckle (Unit A) (2 for Unit B)
26	314 214 R91	TURNBUCKLE (Unit A) (2 for Unit B) (Composed of -)
		1 CLEVIS 144 247
		1 CLEVIS 19 666 R1
		1 NUT 19 664 R1
		1 ROD 314 215 R11)
27	116 566	PLUG, 1/2" pipe (3 for Unit A) (6 for Unit B)
28	320 525 R1	BAR, generator drive housing support (Unit A) (2 for Unit B)
	273 698 R1	BOLT, 3/4NF x 1-5/16" dowel (Unit A) (2 for Unit B) 3/4NF NUT (Unit A) (2 for Unit B) 3/4" external-tooth lock WASHER (Unit A) (2 for Unit B)



UNITS COMMON FOR EQUIPMENT COMBINATIONS

REF. NO.	I.H. PART NUMBER	DESCRIPTION
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FRONT DRIVE - CONTINUED

TD-15 (151 Series) TD-15-600-1 EQUIPMENT COMBINATION, Pay Welder (for use with Pay Welder) or TD-15-700-0 EQUIPMENT COMBINATION, Sideboom (for use with Superior 150B Bucket Backfiller)

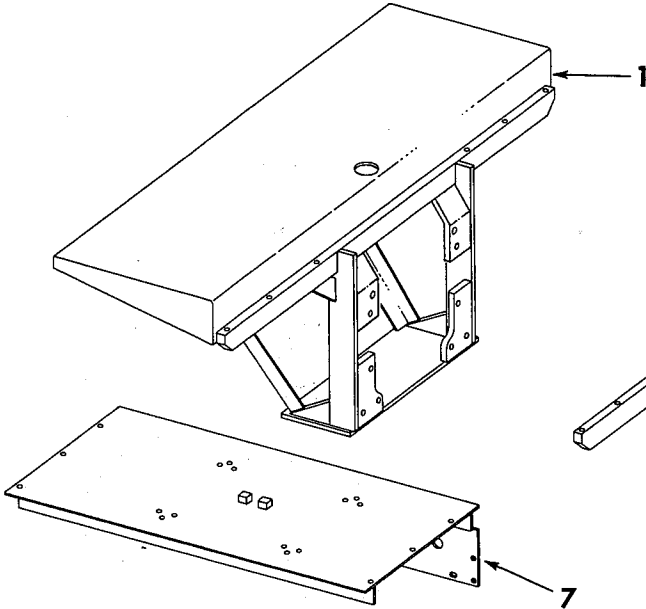
29	314 419 R91	COVER, universal joint drive (2 for Unit B) 1/4 x 1/2" hex-hd cap SCREW (4 for Unit B) 1/4" lock WASHER (4 for Unit B) 9/32" WASHER (4 for Unit B)
30	322 427 R91	DRIVE ASSEMBLY, main (will work for 314 771 R91) (Composed of -)
		1 ELBOW 137 984
		1 CAP 119 101
		1 CAP 322 431 R1
		1 CONE 85 971 H
		1 CONE 321 547 R91
		1 CUP ST 863
		1 CUP ST 970
		1 GASKET 322 432 R1
		1 HOUSING 322 430 R91
		1 KEY 113 782
		1 KEY Q-56
		1 NUT 254 487 R1
		1 PACKAGE 322 429 R91
		1 PIPE 322 433 R1
		1 SEAL 321 546 R1
		1 SHAFT 322 428 R1
		1 SLEEVE 317 589 R1
		1 VALVE 134 159
		1 WIRE 286 952 R1)
	314 225 R1	SHIM, washer (X) 3/4 x 1-3/4" hex-hd cap SCREW (4)
31	119 101	CAP, filler pipe
32	322 433 R1	PIPE, oil filler
33	286 952 R1	WIRE, oil filler pipe
34	322 431 R1	CAP, bearing retainer 3/8 x 2" hex-hd cap SCREW (4) 3/8" lock WASHER (4)
35	322 432 R1	GASKET, bearing retainer cap
36	254 487 R1	NUT, bearing retainer
37	321 547 R91	CONE, main drive shaft rear bearing
38	ST 970	CUP, main drive shaft rear bearing
39	322 430 R1	HOUSING, main drive
40	ST 863	CUP, main drive shaft front bearing
41	85 971 H	CONE, main drive shaft front bearing
42	322 428 R1	SHAFT, main drive
43	Q-56	KEY, main drive pulley
44	321 546 R1	SEAL, main drive shaft front
45	314 739 R1	PULLEY, main drive
46		WASHER, 1-9/16" main drive pulley retainer nut
47		NUT, 1-1/2" main drive pulley retainer
48		OIL SEAL, rear mainshaft (order PACKAGE, 322 429 R91)
49	317 589 R1	SLEEVE, main drive shaft wear (2 for Unit A) (3 for Unit B)
	273 698 R1	BOLT, 3/4NF x 2-5/16" dowel (4 for Unit A) (8 for Unit B) 3/4NF NUT (4 for Unit A) (8 for Unit B)
	137 984	ELBOW, 1/2" street
	113 782	KEY, Woodruff No. 15
	322 429 R91	PACKAGE, oil seal and wear sleeve (2 for Unit A) (3 for Unit B)
	311 191 R1	PIN, 3/4" rod end clevis (2 for Unit A) (4 for Unit B) 5/32 x 1-1/4" cotter PIN (2 for Unit A) (4 for Unit B)
	134 159	VALVE, oil level drain
		X - As Required.

UNITS COMMON FOR EQUIPMENT COMBINATIONS



FRONT PLATFORM, FENDERS AND SUPPORTS

TD-15-600-1 EQUIPMENT COMBINATION, Pay Welder (for use with Pay Welder) or TD-15-700-0 EQUIPMENT COMBINATION, Sideboom (for use with Superior 150B Bucket Backfiller)

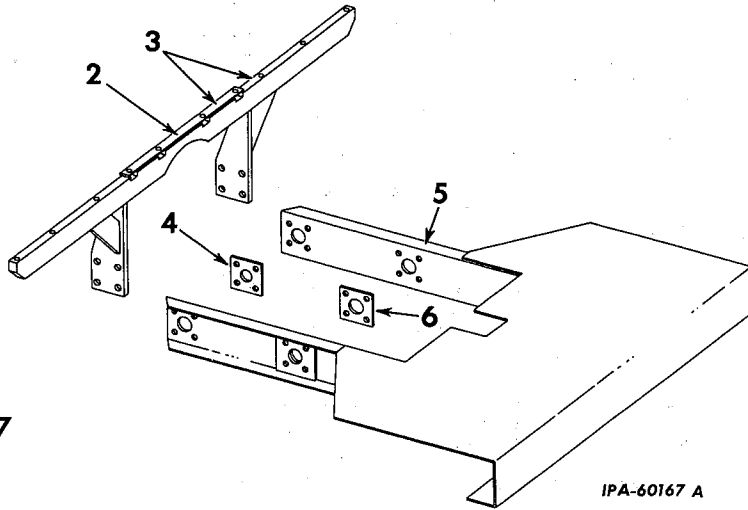


UNITS COMMON FOR EQUIPMENT COMBINATIONS



FRONT PLATFORM, FENDERS AND SUPPORTS - CONTINUED

TD-15-600-1 EQUIPMENT COMBINATION, Pay Welder (for use with Pay Welder) or TD-15-700-0 EQUIPMENT COMBINATION, Sideboom (for use with Superior 150B Bucket Backfiller)



IPA-60167 A

REF. NO.	I.H. PART NUMBER	DESCRIPTION
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⊗ - KEY TO UNITS -

A - 314 154 R91 ATTACHMENT, front platform (TD-15-600-1) (See NOTES 1 and 3)

B - Service parts for Fenders and Supports (TD-15-600-1) or (TD-15-700-0)

⊗ - Letters of these units correspond with those shown following the description of the parts in the list below and identifies the unit for which the part is used. Items without letters after the description indicates the part is used for all units.

1	314 168 R92	SUPPORT, drawbar guide and fender rear (Unit B) 7/8NF NUT (6)
2	314 161 R1	SPACER, platform (Unit B)
3	314 157 R91	SUPPORT w/SPACER, 314 161 R1, fender front (Unit B) 7/8 x 3-3/4" hex-hd. cap SCREW (8)
4	314 162 R1	SPACER, fender support (2 for Unit B)
5	314 188 R91	BUMPER, front (Unit A) 7/8 x 3-1/4" hex-hd. cap SCREW (16)

REF. NO.	I.H. PART NUMBER	DESCRIPTION
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6	314 192 R1	SPACER, front bumper (X) (for Unit A)
7	314 179 R11	FENDER, LH (Unit B)
7	314 180 R11	FENDER, RH (Unit B) 1/2" NUT (3) 1/2 x 1-3/8" hex-hd. cap SCREW (4) 5/8 x 1-1/4" hex-hd. cap SCREW (6) 1/2 x 1-1/2" hex-hd. cap SCREW (3) 1/2" lock WASHER (7) 17/32 x 1-1/16" x 13 ga. WASHER (6)

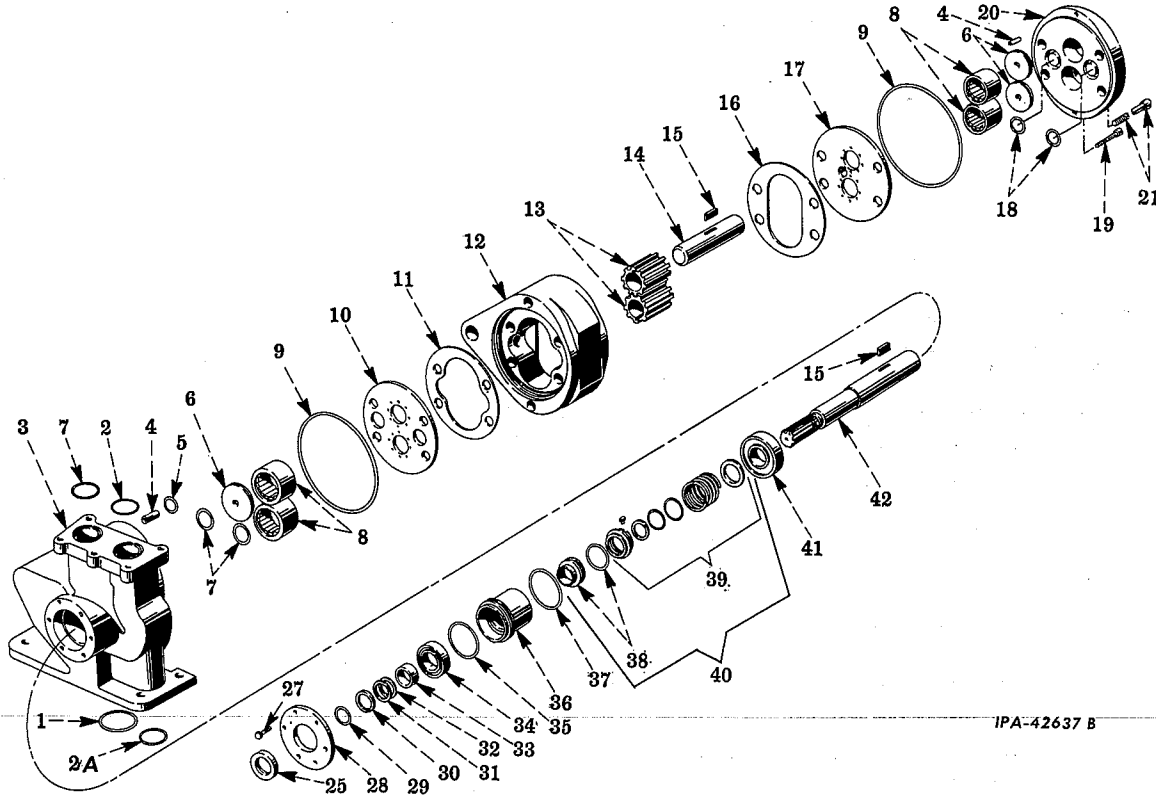
NOTE 1 - Factory Application - Order on Machine Order Form.
NOTE 3 - Field Application - Order through Regular Service Parts Channels.

X - As Required.

**UNITS COMMON FOR
EQUIPMENT COMBINATIONS**

**PUMP
(Hydrec)**

TD-15-502-1 EQUIPMENT COMBINATION, Sideboom (for use with Superior SBI-150BH Sideboom) or TD-15-504-2 Equipment Combination, Sideboom (for use with Superior SBI-150 Sideboom and Hydraulic Blade Backfiller or SBI-150BH Sideboom and Hydraulic Blade Backfiller)



IPA-42637 B

REF. NO.	I.H. PART NUMBER	DESCRIPTION
	295 623 R92	PUMP, hydraulic, assembly (3030J16B2)
1	254 091 R1	"O" RING, 2-3/4 x 3 x 1/8" (optional with 310 929 R1)
1	310 929 R1	"O" RING, 2-3/4 x 3 x 1/8" (optional with 254 091 R1)
2	259 099 R1	"O" RING, valve to low pressure inlet (2-1/8 x 2-3/8 x 1/8")
2A	259 099 R1	"O" RING, low pressure outlet to tank (2-1/8 x 2-3/8 x 1/8")
3	313 860 R1	ADAPTER, pump (together with WASHER, 295 754 R1, two BEARING, 287 200 R91, and PIN, 295 755 R1 will work for 295 753 R91) (2X30X20)
4	295 755 R1	PIN, dowel (A793X1) (2)
5	164 513 R1	"O" RING (1-3/8 x 1-5/8 x 1/8")
6	295 754 R1	WASHER, thrust (834X3) (3)
7	255 088 R1	"O" RING, high pressure inlet to valve (1-7/8 x 2-1/8 x 1/8")
7	255 088 R1	"O" RING, adapter end (1-7/8 x 2-1/8 x 1/8") (2)

**UNITS COMMON FOR
EQUIPMENT COMBINATIONS**

**PUMP - CONTINUED
(Hydrec)**

TD-15-502-1 EQUIPMENT COMBINATION, Sideboom (for use with Superior SBI-150BH Sideboom) or TD-15-504-2 Equipment Combination, Sideboom (for use with Superior SBI-150 Sideboom and Hydraulic Blade Backfiller or SBI-150BH Sideboom and Hydraulic Blade Backfiller)

REF. NO.	I.H. PART NUMBER	DESCRIPTION
8	287 200 R91	BEARING, roller (4)
9	259 190 R1	"O" RING, pump housing (7 x 7-1/4 x 1/8") (optional with 310 932 R1) (2)
9	310 932 R1	"O" RING, pump housing (7 x 7-1/4 x 1/8") (optional with 259 190 R1) (2)
10	295 766 R1	PLATE, wear (12X30X10)
11	295 770 R1	GASKET (.001 thick) (712X153A) (X)
11	295 771 R1	GASKET (.002 thick) (712X153B) (X)
12	295 750 R1	HOUSING, pump (1X3030X10)
13	295 752 R1	GEAR (6X3030X4) (2)
14	295 751 R1	SHAFT, driven (5X3030X2)
15	295 772 R1	KEY (A262X6) (2)
16	295 769 R1	GASKET (.002 thick) (712X117B) (X)
17	295 765 R1	PLATE, wear (12X30X16)
18	252 482 R1	"O" RING, pump cover (1-1/2 x 1-3/4 x 1/8") (2)
		X - As Required

UNITS COMMON FOR EQUIPMENT COMBINATIONS



MEMORANDUM



REF. NO.	I. H. PART NUMBER	DESCRIPTION
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PUMP - CONTINUED
(Hydreco)

TD-15-502-1 EQUIPMENT COMBINATION, Sideboom (for use with Superior SBI-150BH Sideboom) or TD-15-504-2 Equipment Combination, Sideboom (for use with Superior SBI-150 Sideboom and Hydraulic Blade Backfiller or SBI-150BH Sideboom and Hydraulic Blade Backfiller)

19		SCREW, 3/8NF x 1-3/4" hex-soc-hd cap (2)
20	309 023 R1	COVER (3X30X11)
21		SCREW, 7/8NF x 5" hex-hd cap (4)
25	295 749 R91	OIL SEAL (A362X91)
27	298 179 R1	SCREW, 3/8NF x 1-1/4" hex-dld hd cap (6)
28	295 767 R1	PLATE, seal retainer (521X35)
29	350 818 R1	"O" RING, drive shaft spacer (1 x 1-1/4 x 1/8")
30	295 760 R1	RING, snap (812X129)
31	295 763 R1	SHIM (A774X1) (X)
32	295 764 R1	SHIM (A774X5) (X)
33	295 761 R1	SPACER (830X277)
34	ST 205 A	BEARING, drive shaft (A330X7)
35	285 723 R1	"O" RING, seal retainer plate (3-1/8 x 3-3/8 x 1/8") (optional with 310 934 R1)
35	310 934 R1	"O" RING, seal retainer plate (3-1/8 x 3-3/8 x 1/8") (optional with 285 723 R1)
36	295 759 R1	RETAINER, seal (758X4)
37	295 762 R1	"O" RING, seal retainer (3 x 3-3/8 x 3/16")
38		SEAT, seal (order 296 944 R91)
39		SEAL (order 296 944 R91)
40	296 944 R91	PACKAGE, field service, seal seat and seal (will work for 293 636 R91 and 293 637 R91)
41	295 799 R91	BEARING, drive shaft
42	295 758 R1	SHAFT, drive (4X3030X10)
	109 354	FITTING, lubrication, 1/8" x 90° NPT (Alemite 1613) (optional with 109 462)
	109 462	FITTING, lubrication, 1/8" x 90° NPT (Lincoln 5400) (optional with 109 354)
	294 773 R1	PLUG, pipe, hex-socket, 1/4"
	295 757 R91	SHAFT, drive, assembly (9X30X2) (Composed of - 1 BEARING ST 205 A 1 BEARING 295 799 R91 1 "O" RING 295 762 R1 1 "O" RING 350 818 R1 1 PACKAGE 296 944 R91 1 RETAINER 295 759 R1 1 RING 295 760 R1 1 SHAFT 295 758 R1 X SHIM 295 763 R1 X SHIM 295 764 R1 1 SPACER 295 761 R1)
	278 047 R92	UNIT, PUMP and VALVE w/PUMP, 295 623 R92, VALVE, 278 048 R91 and FLOW CONTROL (also listed with "Valve") (PV6X6)
	271 608	SCREW, cap, hex-hd 3/4NC x 1-5/8" (4)
	114 610	WASHER, lock, external-tooth, 3/4" (4)

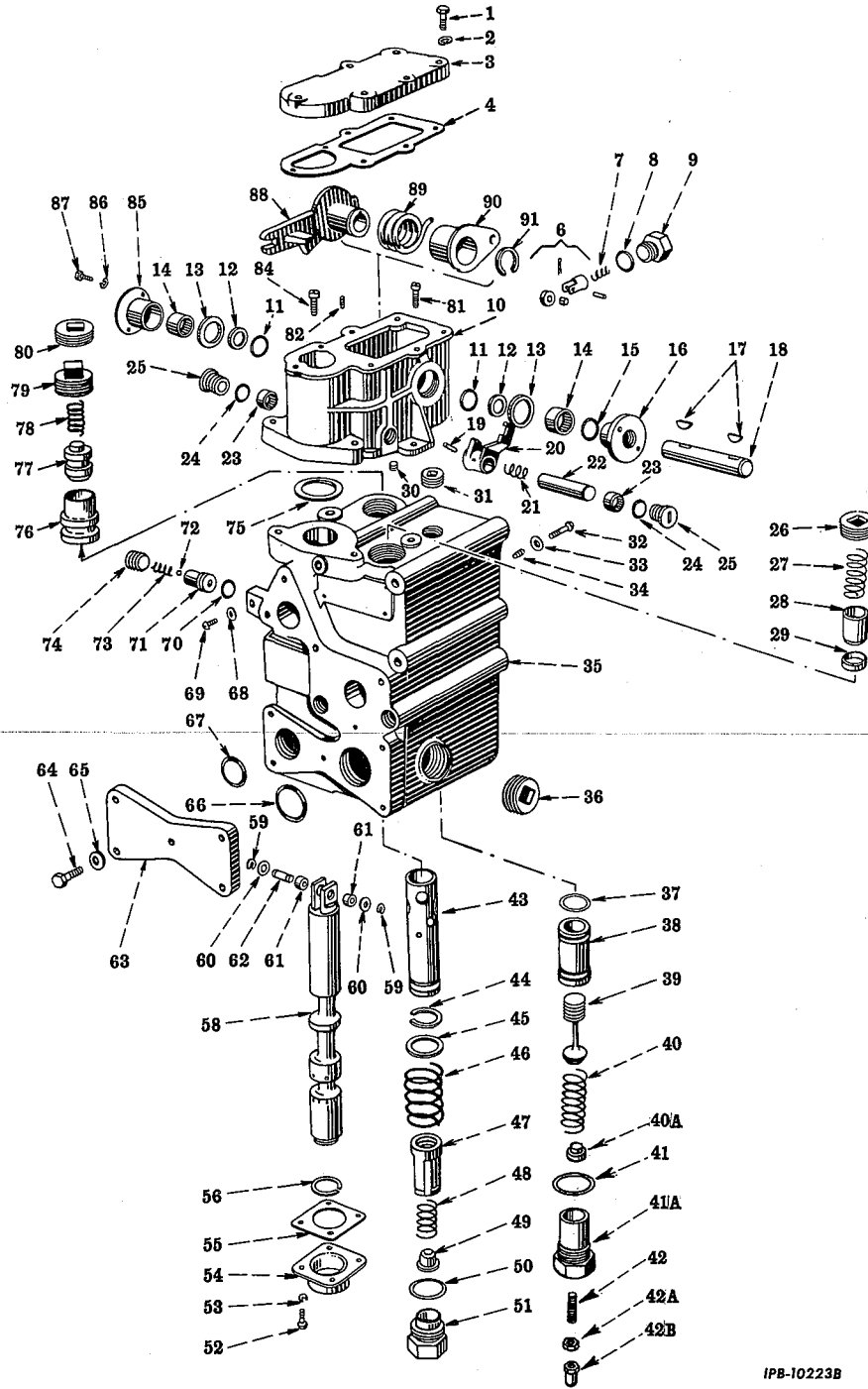
X - As Required

UNITS COMMON FOR EQUIPMENT COMBINATIONS



HYDRAULIC VALVE (Hydreco)

TD-15-502-1 EQUIPMENT COMBINATION, Sideboom (for use with Superior SBI-150BH Sideboom) or TD-15-504-2 Equipment Combination, Sideboom (for use with Superior SBI-150 Sideboom and Hydraulic Blade Backfiller or SBI-150BH Sideboom and Hydraulic Blade Backfiller)



IPB-10223B

UNITS COMMON FOR EQUIPMENT COMBINATIONS



HYDRAULIC VALVE - CONTINUED (Hydreco)

TD-15-502-1 EQUIPMENT COMBINATION, Sideboom (for use with Superior SBI-150BH Sideboom) or TD-15-504-2 Equipment Combination, Sideboom (for use with Superior SBI-150 Sideboom and Hydraulic Blade Backfiller or SBI-150BH Sideboom and Hydraulic Blade Backfiller)


**UNITS COMMON FOR
EQUIPMENT COMBINATIONS**

REF. NO.	I. H. PART NUMBER	DESCRIPTION
HYDRAULIC VALVE - CONTINUED (Hydreco) TD-15-502-1 EQUIPMENT COMBINATION, Sideboom (for use with Superior SBI-150BH Sideboom) or TD-15-504-2 Equipment Combination, Sideboom (for use with Superior SBI-150 Sideboom and Hydraulic Blade Backfiller or SBI-150BH Sideboom and Hydraulic Blade Backfiller)		
	278 048 R91	VALVE ASSEMBLY, hydraulic (VZ26X10)
1		SCREW, 5/16 x 1-1/2" hex-hd. cap (7)
2		WASHER, 5/16" lock (7)
3	295 777 R1	COVER, housing (763X5)
4	295 778 R1	GASKET (712X154)
6	293 669 R91	DETENT (764X1)
7	293 658 R1	SPRING (A501X268)
8	356 005 R1	"O" RING, 1-1/8 x 1-3/8 x 1/8" cover cap
9	293 668 R1	CAP, cover (514X353)
10	324 498 R1	HOUSING, plunger lever (762X11)
11	293 673 R1	WASHER (A822X1) (X)
12	293 672 R1	WASHER (special) (A408X35) (2)
13	293 739 R1	"O" RING, 1-3/8 x 1-5/8 x 1/8" bearing retainer (optional with 164 513 R1) (2)
13	164 513 R1	"O" RING, 1-3/8 x 1-5/8 x 1/8" bearing retainer (optional with 293 739 R1) (2)
14	551 139 R91	BEARING, control shaft (A340X25) (2)
15	253 070 R1	"O" RING, 7/8 x 1-1/8 x 1/8" bearing retainer
16	293 674 R1	RETAINER, bearing (816X5)
17	114 813	KEY, woodruff No. 10 (A258X12) (2)
18	295 781 R1	SHAFT, control (M7X41)
19	17 175 R1	ROLL PIN (A770X9)
20	295 780 R1	CAM and LATCH (M6X78)
21	295 783 R1	SPRING (A806X6)
22	295 782 R1	SHAFT, latch (M7X42)
23	293 698 R1	BEARING, cam latch shaft (A340X24) (2)
24	352 221 R1	"O" RING, 9/16 x 3/4 x 3/32" latch shaft (2)
25	293 681 R1	CAP (514X354) (2)
26	310 991 R1	PLUG, pipe (A695X7)
27	295 797 R1	SPRING (A501X146)
28	295 789 R1	SEAT, check valve (415X56)
29	295 788 R1	SEAT, check valve (414X79)
30	294 286 R1	PLUG, 1/8" hex-soc-hd. pipe (special) (A300X1)
31	444 703	PLUG, pipe (A300X4) (will work for 293 742 R1) (2)
32		SCREW, 5/16 x 1/2" rd-hd. cap
33	317 857 R1	WASHER, 5/16 x 1/2 x 1/32" copper (A418X2)
34		SCREW, 5/16 x 1/4" hex-soc., cup-pt. set
35		Not Furnished Separately (order 278 048 R91)
36	293 696 R1	PLUG, pipe (A300X8)
37	252 482 R1	"O" RING, 1-7/16 x 1-11/16 x 1/8" relief valve seat


**UNITS COMMON FOR
EQUIPMENT COMBINATIONS**

REF. NO.	I. H. PART NUMBER	DESCRIPTION
HYDRAULIC VALVE - CONTINUED (Hydreco) TD-15-502-1 EQUIPMENT COMBINATION, Sideboom (for use with Superior SBI-150BH Sideboom) or TD-15-504-2 Equipment Combination, Sideboom (for use with Superior SBI-150 Sideboom and Hydraulic Blade Backfiller or SBI-150BH Sideboom and Hydraulic Blade Backfiller)		
38	295 787 R1	SEAT, relief valve (414X78)
39	293 650 R1	PLUNGER, relief valve (415X49)
40	304 128 R1	SPRING (A501X207)
40A	278 050 R1	GUIDE, spring (416X48)
41	290 987 R1	"O" RING, 1-3/4 x 2 x 1/8" (optional with 310 939 R1)
41	310 939 R1	"O" RING, 1-3/4 x 2 x 1/8" (optional with 290 987 R1)
41A	278 049 R1	CAP (574X480)
42	113 954 R1	SCREW, adjusting (A232X12)
42A	113 955 R1	NUT, lock (A249X3)
42B	113 953 R1	NUT, acorn (A427X5)
43	293 685 R91	PLUNGER, flow control (755X2)
44	293 688 R1	RING, snap (812X64)
45	293 689 R2	WASHER (special) (416X89)
46	293 690 R1	SPRING (A501X270)
47	293 691 R1	PLUNGER, dashpot (754X8)
48	293 692 R1	SPRING (A501X269)
49	293 693 R1	GUIDE, spring (416X62)
50	290 987 R1	"O" RING, 1-3/4 x 2 x 1/8" (optional with 310 939 R1)
50	310 939 R1	"O" RING, 1-3/4 x 2 x 1/8" (optional with 290 987 R1)
51	293 694 R91	CAP (518X3)
52		SCREW, 3/8 x 5/8" hex-hd. cap (4)
53		WASHER, 3/8" lock (4)
54	295 792 R1	COVER, plunger (M10X18)
55	295 791 R1	GASKET (712X155)
56	295 786 R1	RING, snap (812X119)
58	297 241 R1	PLUNGER, operating (.010" oversize) (512X2440) (See NOTE)
58		Not Furnished Separately (order 278 048 R91)
59	271 110 R1	RING, plunger eye shaft snap (A611X12) (2)
60		WASHER, 17/32 x 1-1/16" (2)
61	293 698 R91	BEARING, plunger eye shaft (A340X24) (2)
62	293 661 R1	SHAFT, plunger eye (M7X37)
63	295 793 R1	COVER (M17X29)
64		SCREW, 1/2 x 1-1/2" hex-hd. cap (5)
65		WASHER, 1/2" lock (5)
66	290 028 R1	"O" RING, 2 x 2-1/4 x 1/8" valve cover
		X - As Required
		NOTE - Used only when valve housing can be reworked.



UNITS COMMON FOR EQUIPMENT COMBINATIONS



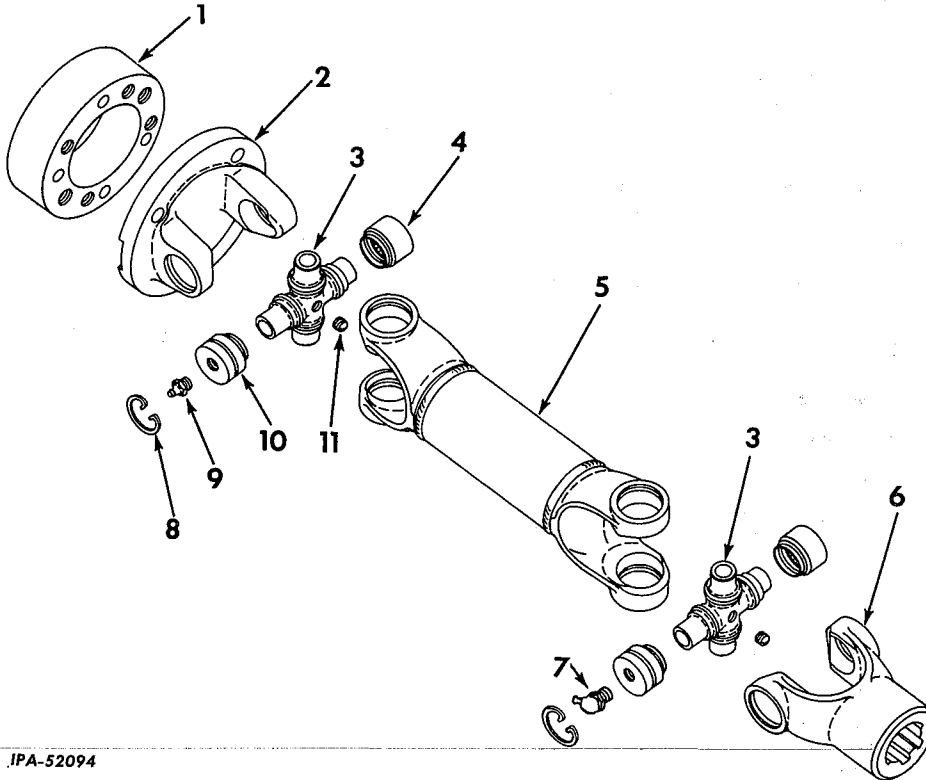
MEMORANDUM

REF. NO.	I. H. PART NUMBER	DESCRIPTION
HYDRAULIC VALVE- CONTINUED (Hydreco)		
TD-15-502-1 EQUIPMENT COMBINATION, Sideboom (for use with Superior SBI-150BH Sideboom) or TD-15-504-2 Equipment Combination, Sideboom (for use with Superior SBI-150 Sideboom and Hydraulic Blade Backfiller or SBI-150BH Sideboom and Hydraulic Blade Backfiller)		
67	310 939 R1	"O" RING, 1-3/4 x 2 x 1/8" cover (optional with 290 987 R1)
67	290 987 R1	"O" RING, 1-3/4 x 2 x 1/8" cover (optional with 310 939 R1)
68	295 796 R1	GASKET (A402X3)
69		SCREW, 1/4 x 3/8" rd-hd. mach.
70	355 967 R1	"O" RING, 3/8 x 1/2 x 1/16" plunger lever relief valve seat
71		SEAT, relief valve (order 317 858 R91) (414X55)
72		BALL, 1/4" stl., (order 317 858 R91) (A329X4)
73		SPRING (order 317 858 R91) (A501X7)
74	294 288 R1	PLUG, pipe (A639X3)
75	254 091 R1	"O" RING, 2-3/4 x 3 x 1/8" plunger lever (optional with 310 929 R1)
75	310 929 R1	"O" RING, 2-3/4 x 3 x 1/8" plunger lever (optional with 254 091 R1)
76	296 927 R1	SEAT, check valve (414X93)
77	296 928 R1	POPPET, check (747X18)
78	296 929 R1	SPRING, poppet (A501X67)
79	296 930 R1	PLUG, check valve (560X59)
80	293 696 R1	PLUG, pipe (A300X8)
81		SCREW, 3/8 x 1" hex-soc-hd. cap (2)
82	297 325 R1	SCREW, 1/4 x 1/2" hex-soc. fl-pt. set (A924X3)
84		SCREW, 3/8 x 1-1/2" hex-soc-hd. cap (2)
85	293 675 R1	RETAINER, bearing (816X6)
86		WASHER, 1/4" lock (4)
87		SCREW, 1/4 x 3/4" hex-hd. cap (2)
88	296 945 R1	PLATE, cam (811X15)
89	296 947 R3	SPRING, torsion (A806X8)
90	296 946 R91	PLATE, spring (811X18)
91	300 025 R1	RING, snap (A611X35)
305 855 R92		PACKAGE, spring improvement (Consists of -
	1	ROLL PIN 17 175 R1
	1	SCREW 297 325 R1
	1	SPRING 293 690 R1
	1	SPRING 293 692 R1
	1	SPRING 295 783 R1
	1	SPRING 296 947 R3)
317 858 R91		PACKAGE, thermal relief valve replacement (consists of PLUG w/"O" RING, 355 967 R1)
295 794 R1		SCREW, 1/2 x 7-1/2" hex-soc-hd. cap (A125X24) (3)
295 795 R1		SCREW, 1/2 x 7-3/4" hex-soc-hd. cap (A125X25) (2)
278 047 R92		UNIT w/PUMP, 295 623 R92, VALVE, 278 048 R91 and FLOW CONTROL, pump and valve (also listed with "Pump") (PV6X10)
309 162 R1		SCREW, 3/4 x 2" hex-hd. cap (4)

UNITS COMMON FOR EQUIPMENT COMBINATIONS

UNIVERSAL JOINT (Blood Bros.)

TD-15-502-1 EQUIPMENT COMBINATION, Sideboom (for use with Superior SBI-150BH Sideboom) or TD-15-504-2 Equipment Combination, Sideboom (for use with Superior SBI-150 Sideboom and Hydraulic Blade Backfiller or SBI-150BH Sideboom and Hydraulic Blade Backfiller)



IPA-52094

UNITS COMMON FOR EQUIPMENT COMBINATIONS

UNIVERSAL JOINT - CONTINUED (Blood Bros.)

TD-15-502-1 EQUIPMENT COMBINATION, Sideboom (for use with Superior SBI-150BH Sideboom) or TD-15-504-2, Sideboom Equipment Combination, Sideboom (for use with Superior SBI-150 Sideboom and Hydraulic Blade Backfiller or SBI-150BH Sideboom and Hydraulic Blade Backfiller)

REF. NO.	I.H. PART NUMBER	DESCRIPTION
1	265 477 R1	ADAPTER, power take-off coupling 3/8 x 3" hex-hd. cap SCREW (6) 3/8" lock WASHER (6)
2	283 455 R1	YOKE, flanged (3NF-34) 7/16 x 1-1/4" hex-hd. cap SCREW (4) 7/16" external-tooth lock WASHER (4)
3	307 949 R91	SPIDER ASSEMBLY (will work for 661 672 R1) (2) (Composed of - 3 CUP 661 671 R91 1 CUP 283 461 R91 1 PLUG 103 883 4 RING 495 962 R1)
4	661 671 R91	CUP, needle (35N4-2A) (6)
5	283 457 R1	CENTER, double (3N172-1)
6	265 473 R1	YOKE, plain (3NYS-20-4)
7	126 152	FITTING, 45° lubrication (Lincoln 5200) (optional with 271 283)
7	271 283	FITTING, 45° lubrication (Alemite 1688B) (optional with 126 152)

REF. NO.	I.H. PART NUMBER	DESCRIPTION
8	495 962 R1	RING, lock (3N20) (8)
9	138 322 H	FITTING, 1/8" lubrication (Alemite 1610BL) (optional with 271 409)
9	271 409	FITTING, 1/8" lubrication (Lincoln 105000) (optional with 138 322 H)
10	283 461 R1	CUP, needle (35N4-3A) (2)
11	103 883	PLUG, center cross oil (208.03) (2)
	265 472 R92	SHAFT w/"U" JOINT ASSEMBLY power take-off (92202-15056) (order 317 615 R91) (Composed of - 1 CENTER 283 457 R1 1 FITTING 271 283 1 FITTING 138 322 H 2 SPIDER 307 949 R1 1 YOKE 265 473 R1 1 YOKE 283 455 R1)

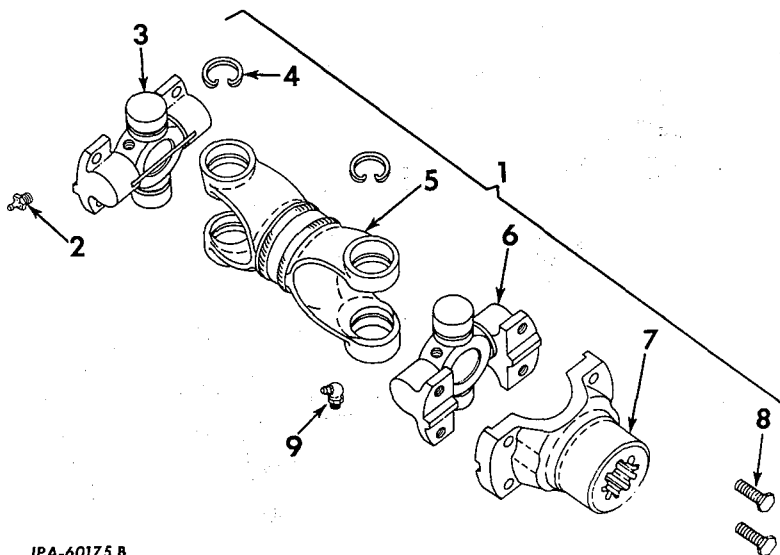
**UNITS COMMON FOR
EQUIPMENT COMBINATIONS**

UNIVERSAL JOINT

(Mechanics)

TD-15-502-1 EQUIPMENT COMBINATION, Sideboom (for use with Superior SBI-150BH Sideboom) TD-15-504-2 Equipment Combination, Sideboom (for use with Superior SBI-150 Sideboom and Hydraulic Blade Backfiller or SBI-150BH Sideboom and Hydraulic Blade Backfiller)

TD-15-600-1 EQUIPMENT COMBINATION, Pay Welder (for use with Pay Welder) or TD-15-700-0 Equipment Combination (for use with Superior 150B Bucket Backfiller)



IPA-60175 B

**UNITS COMMON FOR
EQUIPMENT COMBINATIONS**

UNIVERSAL JOINT - CONTINUED

(Mechanics)

TD-15-502-1 EQUIPMENT COMBINATION, Sideboom (for use with Superior SBI-150BH Sideboom) TD-15-504-2 Equipment Combination, Sideboom (for use with Superior SBI-150 Sideboom and Hydraulic Blade Backfiller or SBI-150BH Sideboom and Hydraulic Blade Backfiller)

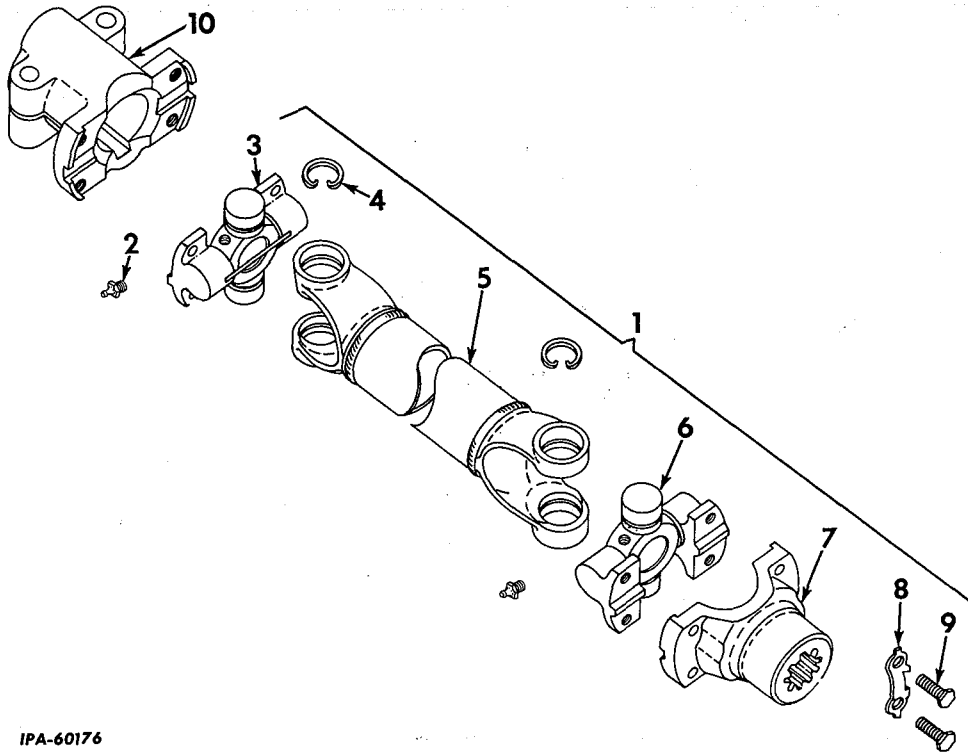
TD-15-600-1 EQUIPMENT COMBINATION, Pay Welder (for use with Pay Welder) or TD-15-700-0 Equipment Combination (for use with Superior 150B Bucket Backfiller)

REF. NO.	I. H. PART NUMBER	DESCRIPTION
1	317 615 R92	SHAFT w/"U" JOINT ASSEMBLY, power take-off (2A-15561-1) (will work for 265 472 R92) (TD-15-502-1) or (TD-15-504-2) (Composed of - 4 BOLT 37 479 HA 2 FITTING 102 467 H 8 RETAINER 305 109 R91 4 RING 97 710 H 8 SHIELD 37 335 H 1 SPIDER 317 721 R92 1 SPIDER 317 722 R91 1 TUBE 317 718 R91 1 YOKE 317 723 R1) 3/8 x 1-3/4" hex-hd. cap SCREW (4) 3/8" lock WASHER (4)
1	317 616 R92	SHAFT w/universal JOINT ASSEMBLY, power take-off (TD-15-600-1) or (TD-15-700-0) (Composed of - 4 BOLT 37 479 HA 2 FITTING 110 146 R91 8 RETAINER 305 109 R91 4 RING 97 710 H 8 SHIELD 37 335 H 1 SPIDER 317 721 R91 1 SPIDER 317 722 R91 1 TUBE 317 724 R91 1 YOKE 317 708 R1) 3/8NF x 1-3/4" hex-hd cap SCREW (4) 3/8" lock WASHER (4)
2	110 146 R91	FITTING, lubrication (Alemite 1792B) (optional with 102 467 H) (2)
2	102 467 H	FITTING, lubrication (Lincoln 5042) (optional with 110 146 R91) (2)

REF. NO.	I. H. PART NUMBER	DESCRIPTION
3	317 721 R92	SPIDER w/BEARINGS (114-5131-A)
4	97 710 H	RING, snap (5785-J) (4)
5	317 718 R91	TUBE (42-15568-2) (used with SHAFT, 317 615 R91)
5	317 724 R91	TUBE (42-15568-1) (used with SHAFT, 317 616 R91)
6	317 722 R91	SPIDER w/BEARINGS (114-5132-A)
7	317 708 R1	YOKE, fitting (16781J) (used with SHAFT, 317 616 R92)
7	317 723 R1	YOKE, fitting (16782-J) (used with SHAFT, 317 615 R92)
8	37 479 HA	BOLT, 3/8NF x 27/32" (3544-J) (4)
9	110 146 R91	FITTING, lubrication (optional with 102 467 H)
9	102 467 H	FITTING, lubrication (optional with 110 146 R91)
	305 109 R91	RETAINER and SEAL (12408-J) (8)
	37 335 H	SHIELD, dust (542-J) (8)

**UNITS COMMON FOR
EQUIPMENT COMBINATIONS**

GENERATOR DRIVE SHAFT WITH U-JOINTS
(Mechanics)
TD-15 (150 Series) TD-15-600-1 EQUIPMENT COMBINATION,
Pay Welder (for use with Pay Welder)



IPA-60176

**UNITS COMMON FOR
EQUIPMENT COMBINATIONS**

GENERATOR DRIVE SHAFT WITH U-JOINTS - CONTINUED
(Mechanics)
TD-15 (150 Series) TD-15-600-1 EQUIPMENT COMBINATION,
Pay Welder (for use with Pay Welder)

REF. NO.	I. H. PART NUMBER	DESCRIPTION
1	317 550 R91	SHAFT w/universal JOINTS ASSEMBLY, generator drive (order 321 876 R91) (Composed of - 4 BOLT 37 479 HA 2 FITTING 110 146 R91 2 PLATE 37 337 H 4 RING 97 710 H 1 SPIDER 317 721 R91 1 SPIDER 317 722 R91 1 TUBE 317 727 R91 1 YOKE 317 708 R1) 3/8NF x 1-3/4" hex-hd. cap SCREW (8) 3/8" lock WASHER (8)
2	110 146 R91	FITTING, lubrication (optional with 102 467 H) (4)
2	102 467 H	FITTING, lubrication (optional with 110 146 R91) (4)

REF. NO.	I. H. PART NUMBER	DESCRIPTION
3	317 721 R91	SPIDER w/BEARINGS (114-5131-A) (2)
4	97 710 H	RING, snap (5785 J) (8)
5	317 727 R91	TUBE (42-15568-5) (order 321 876 R91)
6	317 722 R91	SPIDER w/BEARINGS (114-5132-A) (2)
7	317 708 R1	YOKE, fitting (16781 J) (2)
8	37 337 H	PLATE, lock (3550 J) (4)
9	37 479 HA	BOLT, 3/8NF x 27/32" (3544 J) (8)
10	314 773 R1	ADAPTER, universal joint (2) 1/2" NUT (4) 1/2 x 2-1/2" hex-hd. cap SCREW (4)



UNITS COMMON FOR EQUIPMENT COMBINATIONS

GENERATOR DRIVE SHAFT WITH U-JOINTS (Mechanics)

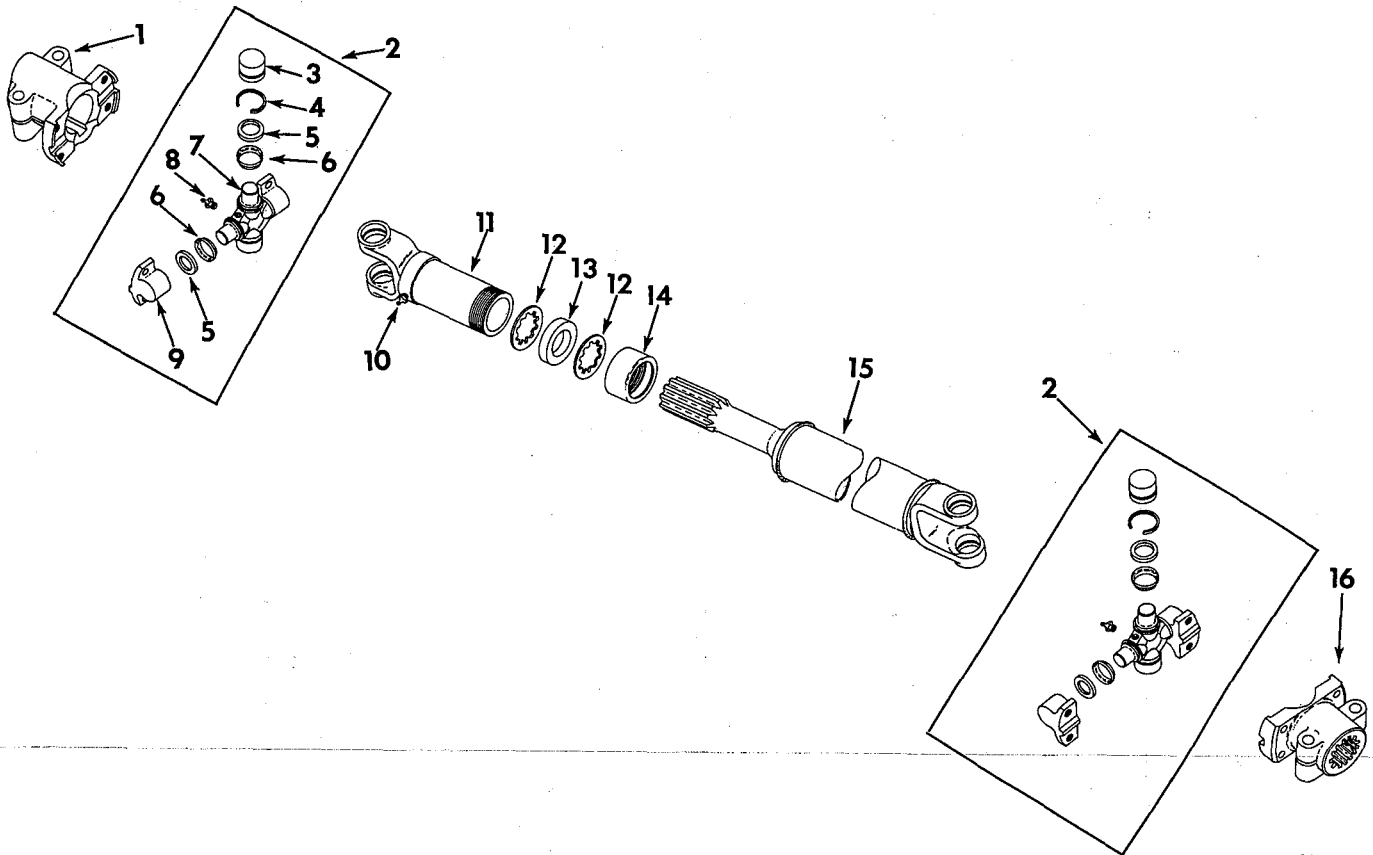
TD-15 (151 Series) TD-15-600-1 EQUIPMENT COMBINATION,
Pay Welder (for use with Pay Welder) or TD-15-700-0
Equipment Combination, Sideboom (for use with Superior 150B
Bucket Backfiller)



UNITS COMMON FOR EQUIPMENT COMBINATIONS

GENERATOR DRIVE SHAFT WITH U-JOINTS - CONTINUED (Mechanics)

TD-15 (151 Series) TD-15-600-1 EQUIPMENT COMBINATION,
Pay Welder (for use with Pay Welder) or TD-15-700-0 EQUIPMENT
COMBINATION, Sideboom (for use with Superior 150B Bucket
Backfiller)



IPA-66169

REF. NO.	I. H. PART NUMBER	DESCRIPTION
	321 876 R91	SHAFT ASSEMBLY, generator drive (will work for 317 550 R91) (2) (Consists of the following parts -
1	314 773 R1	ADAPTER, yoke (16939-J) 3/8NF x 1" hex-hd cap SCREW (4) 3/8" lock WASHER (4)
2	317 722 R91 321 899 R91	SPIDER w/BEARINGS (114-5132-A) (2) SCREW, 3/8NF x 1-1/32" hex-hd cap (8) 3/8" light lock WASHER (8)
3		BEARING CAP (order 317 722 R91)
4	97 710 H	RING, snap (5785-J) (4)
5	305 109 R91	RETAINER and SEAL (12408-J) (8)
6	37 335 H	SHIELD, dust (3542-J) (8)
7		SPIDER (order 317 722 R91)
8	102 467 H	FITTING, lubrication (optional with 110 146 R91) (2)
8	110 146 R91	FITTING, lubrication (optional with 102 467 H) (2)

REF. NO.	I. H. PART NUMBER	DESCRIPTION
9		BEARING, cap (order 317 722 R91)
10	109 461	FITTING, lubrication (optional with 138 322 H)
10	138 322 H	FITTING, lubrication (optional with 109 461)
11	321 944 R91	YOKE, slip (6A 5050)
12	22 251 V	WASHER, felt retainer (196-J) (2)
13	37 348 H	WASHER, felt (6x27)
14	22 259 V	RETAINER, felt (803-J)
15	127 315 HX	TUBE (42-3691)
16	322 441 R1	ADAPTER, yoke splined (17760-J) 3/8NF x 1" hex-hd cap SCREW (4) 3/8" lock WASHER (4)
	37 330 H	CAP, dust (3537-J)

NUMERICAL INDEX



NUMERICAL INDEX



PART NUMBER	PAGE	PART NUMBER	PAGE	PART NUMBER	PAGE	PART NUMBER	PAGE
No.		1 858 75.	54	1 924 764	55	1 946 394	59
		1 864 099	52	1 926 617	58	1 946 395	59
		1 864 099	55	1 926 618	58	1 946 555	58
		1 864 099	62	1 927 033	57	1 947 695	59
		1 872 678	57	1 928 021	57	1 949 806	58
114	134	1 872 678	59	1 928 021	59	1 949 807	58
116	134	1 874 495	55	1 928 022	57	1 950 061	57
118	134	1 878 183	54	1 928 022	59	1 950 061	59
120	134	1 878 184	54	1 929 959	54	1 950 064	57
122	134	1 878 467	55	1 930 694	58	1 950 064	59
124	134	1 878 493	55	1 931 771	56	1 950 069	57
126	134	1 878 502	55	1 931 773	56	1 950 069	59
128	134	1 878 503	55	1 931 776	57	1 950 071	57
130	134	1 878 504	55	1 931 777	56	1 950 071	59
132	134	1 878 505	55	1 931 783	57	1 951 180	58
134	134	1 878 507	55	1 931 783	59	1 952 563	57
136	134	1 878 516	55	1 931 807	57	1 952 563	59
138	134	1 879 530	54	1 931 886	55	1 956 427	57
140	134	1 879 663	55	1 931 887	55	1 956 427	59
195	134	1 880 781	54	1 932 354	59	1 956 428	57
719	134	1 881 409	54	1 933 242	55	1 956 428	59
719	135	1 882 012	62	1 933 747	56	1 957 650	57
861	134	1 882 013	62	1 933 879	56	1 957 650	59
34 816	54	1 882 994	62	1 933 999	59	1 961 316	57
37 535	59	1 883 864	54	1 934 477	57	1 961 316	59
42 761	54	1 883 865	59	1 934 478	57	1 961 333	57
805 258	56	1 885 090	54	1 934 478	59	1 961 333	59
805 258	59	1 889 664	56	1 934 484	57	1 994 050	62
805 790	56	1 902 746	54	1 934 499	56	1 996 080	63
805 790	57	1 903 896	63	1 934 547	54	9 402 684	124
805 790	59	1 904 370	54	1 934 550	54	9 402 685	121
806 915	54	1 904 376	55	1 934 553	54	9 402 685	122
809 062	54	1 904 377	54	1 934 554	54	9 402 685	124
809 062	57	1 904 377	55	1 935 250	57	9 402 685	125
809 593	57	1 904 419	57	1 935 255	57	9 402 801	125
809 593	59	1 904 419	59	1 935 255	59	9 402 840	124
809 763	54	1 904 436	59	1 935 256	57	9 402 841	125
809 945	54	1 904 443	59	1 935 256	59	9 410 363	155
812 015	57	1 904 661	54	1 935 273	57	9 411 375	59
812 016	57	1 906 958	56	1 935 316	56	9 415 234	59
813 109	57	1 906 965	54	1 935 645	57	9 415 665	50
815 540	57	1 906 987	58	1 935 645	59		
815 540	59	1 909 560	57	1 935 923	54		
817 313	57	1 909 654	59	1 936 465	59		
817 314	57	1 910 174	55	1 937 219	54		
821 453	57	1 911 028	55	1 937 227	54		
821 453	59	1 911 033	55	1 937 381	57		
833 602	59	1 911 034	55	1 937 381	59	712 A	134
900 529	54	1 911 196	57	1 938 058	59	712 A	135
954 554	54	1 911 232	57	1 938 207	54		
1 018 004	54	1 912 159	55	1 938 209	54	B	
1 105 102	54	1 912 176	55	1 938 376	59		
1 105 111	54	1 913 534	57	1 940 134	57		
1 113 345	56	1 913 534	59	1 940 135	57	BP 32	134
1 113 367	58	1 913 688	54	1 942 241	58	BP 32	135
1 115 501	56	1 913 689	54	1 942 245	58	B 1 416	134
1 115 501	59	1 913 828	63	1 942 250	59	B 1 820	134
1 116 513	52	1 914 549	63	1 942 253	59	B 2 024	134
1 119 152	55	1 915 334	57	1 942 255	59	B 2 628	134
1 119 181	55	1 915 334	59	1 942 256	59	B 3 032	134
1 842 770	52	1 915 668	57	1 942 257	59	700 B	134
1 843 646	57	1 915 897	57	1 942 259	59	700 B	135
1 843 646	59	1 916 529	57	1 942 260	58		
1 847 199	57	1 916 529	59	1 942 282	59		
1 853 305	57	1 922 408	55	1 942 957	59		
1 853 342	57	1 922 599	55	1 943 628	59	C	
1 853 342	59	1 922 876	57	1 945 250	57		
1 855 936	63	1 923 400	52	1 945 296	57	CC 24	134
1 855 978	52	1 923 405	52	1 945 297	57	CC 24	135
1 857 268	56	1 923 472	54	1 945 620	58	268 996 C1	103
1 857 268	57	1 923 473	54	1 945 626	58		
1 857 268	59	1 923 935	57	1 945 923	58		
1 857 412	54	1 923 935	59	1 946 386	58		

NUMERICAL INDEX

NUMERICAL INDEX

PART NUMBER		PAGE	PART NUMBER		PAGE	PART NUMBER		PAGE	PART NUMBER		PAGE
D			23 261 D	105	40 883 DC	75	45 359 D	120	45 559 D	119	
			23 370 D	70	40 888 D	117	45 560 D	120	45 561 D	120	
			23 977 DB	31	41 442 DA	88	45 562 D	119	45 619 D	120	
			23 995 DC	31	41 442 DA	103	45 620 D	120	45 794 D	73	
DA	12	134	24 943 DA	16	41 519 D	71	45 976 D	14	45 977 D	14	
DA	12	135	25 086 DA	13	41 597 DA	77	46 129 D	13	46 137 D	146	
D	1 612	134	25 948 D	23	41 598 D	83	46 136 D	14	46 190 DC	135	
D	2 616	119	27 435 D	23	41 599 D	83	46 200 D	10	46 208 D	10	
	4 819 D	12	27 452 D	23	41 608 D	97	46 209 D	10	46 211 D	10	
	4 926 DBX	83	28 230 D	97	41 619 D	98	46 223 DBX	10	46 224 DBX	10	
	5 051 DX	23	28 781 D	48	41 633 D	11	46 225 DA	10	46 250 D	13	
	5 711 DC	75	28 781 D	146	41 634 D	17	46 337 D	98	46 337 D	98	
	5 715 D	75	28 781 D	12	41 634 D	19	46 583 DA	146	46 584 D	30	
	5 813 DC	70	28 940 DA	12	41 842 D	98	46 887 D	102	46 887 D	102	
	5 975 DA	23	29 091 D	121	41 842 D	100	47 530 D	42	47 530 D	43	
	5 977 DA	17	29 091 D	116	41 957 D	83	47 640 DR	15	47 933 DXA	13	
	5 980 D	88	29 547 D	30	42 177 D	75	47 981 DA	13	48 053 DE	10	
	6 263 D	120	29 898 D	30	42 288 D	83	48 057 D	10	48 142 D	13	
	6 264 D	120	29 898 D	76	42 289 D	83	48 143 DC	146	48 143 DC	146	
	6 266 D	119	29 901 D	30	42 289 D	120	48 155 D	18	48 155 D	25	
	6 268 D	120	29 901 D	76	42 289 D	77	48 155 D	25	48 918 DA	35	
	6 269 DCX	119	29 901 D	124	42 298 DB	77	48 918 DA	37	49 105 D	119	
	6 270 DX	119	29 902 DX	23	42 385 D	32	49 541 DA	119	49 733 DAX	101	
	6 276 D	120	30 402 D	30	42 547 D	82	49 734 D	105	49 759 DA	105	
	6 277 D	120	31 115 D	99	42 739 DA	10	49 759 DA	112	49 801 D	97	
	6 608 DR	10	31 121 D	24	42 739 DA	19	49 802 D	98	49 802 D	98	
	6 873 DA	105	31 238 DA	78	42 752 D	45	49 835 D	100	49 835 D	100	
	6 878 DA	103	31 636 D	23	42 769 D	23	49 836 D	100	49 837 D	100	
	6 894 DB	100	31 729 D	12	42 769 D	146	49 838 D	100	49 838 D	100	
	6 973 DB	75	31 729 D	37	42 789 D	47	49 839 D	100	49 840 D	100	
	6 984 DB	98	31 729 D	38	42 789 D	146	49 841 D	100	49 841 D	100	
	8 046 DA	120	32 047 DB	67	42 844 D	23	49 879 DB	97	49 882 D	98	
	8 104 D	10	32 445 D	10	42 863 DA	23	49 923 U	31	49 923 U	31	
	8 107 D	88	32 454 D	76	42 877 DB	17	49 947 D	31	49 950 D	10	
	8 110 D	10	32 574 DAX	23	42 877 DB	162	49 952 D	14	49 952 D	14	
	8 146 DB	30	32 576 DX	23	42 902 D	88	49 984 D	87	49 984 D	87	
	8 352 DC	75	32 577 D	23	42 902 D	149	49 986 D	87	49 986 D	87	
	8 431 D	97	32 578 D	23	42 902 D	152	49 987 D	87	50 025 D	117	
	8 432 D	98	32 581 DXB	23	42 902 D	155	50 061 D	31	50 096 DA	75	
	8 435 DA	98	32 582 D	23	42 902 D	156	50 315 DB	16	50 336 DA	47	
	8 519 DA	75	32 585 DA	23	42 902 D	162	50 408 D	49	50 408 D	49	
	8 617 DAX	21	32 586 D	23	42 902 D	163	50 410 DA	14	50 410 DA	30	
	8 680 DX	75	32 587 D	23	43 194 D	78	50 411 D	12			
	8 682 D	75	32 587 D	23	43 195 D	78					
	8 732 D	52	32 588 D	23	43 199 D	78					
	8 744 DR	10	32 590 D	23	43 207 D	78					
	8 784 DC	99	32 597 D	23	43 664 DC	71					
	9 258 DCX	14	32 599 D	23	45 003 D	127					
	9 390 DX	23	32 600 D	23	45 286 D	47					
	9 477 DA	97	32 601 D	23	45 293 D	97					
	9 534 DA	135	32 602 DAX	23	45 391 D	20					
	9 783 DA	115	32 606 DB	23	45 531 D	119					
	10 961 D	47	32 607 DB	23	45 532 DA	120					
	11 373 D	116	32 608 D	23	45 534 D	120					
	13 722 D	119	32 609 U	23	45 535 D	119					
	13 839 D	146	32 610 U	23	45 536 D	119					
	13 841 D	146	32 615 D	23	45 537 D	120					
	14 581 D	23	35 048 DX	23	45 538 DX	120					
	14 971 D	23	35 089 UA	119	45 541 D	120					
	16 045 D	10	35 089 DA	120	45 542 D	120					
	16 067 DA	10	35 252 D	75	45 543 D	120					
	16 445 D	81	35 691 DA	23	45 544 D	119					
	17 700 D	116	36 092 D	26	45 545 D	119					
	18 100 D	105	36 637 D	26	45 546 D	119					
	18 377 D	23	37 006 D	23	45 547 D	120					
	18 585 DA	83	37 148 D	24	45 548 D	119					
	18 585 DA	118	37 323 D	10	45 550 D	119					
	19 707 D	116	37 323 D	29	45 551 D	120					
	20 586 D	20	37 323 D	32	45 552 D	120					
	20 586 D	21	37 788 DM	14	45 553 D	119					
	20 841 D	70	38 026 DM	95	45 555 D	120					
	21 394 D	52	39 584 D	95	45 558 DA	120					
	21 585 D	75	40 882 D	75	45 559 D	119					
	21 585 D	75									
	21 990 D	83									
	22 507 D	30									

NUMERICAL INDEX

NUMERICAL INDEX

PART NUMBER	PAGE	PART NUMBER	PAGE	PART NUMBER	PAGE	PART NUMBER	PAGE
250 450 R1	10	252 022 R2	14	253 664 R1	49	259 603 R91	37
250 451 R1	18	252 022 R2	146	253 665 R1	49	259 603 R91	39
250 451 R1	20	252 023 R1	14	253 738 R91	68	260 071 R2	16
250 535 R1	10	252 024 R21	14	253 848 R1	85	260 072 R1	16
250 544 R1	20	252 029 R3	12	253 849 R1	86	260 080 R94	16
250 546 R1	19	252 029 R3	146	253 966 R51	97	260 234 R2	48
250 547 R1	19	252 032 R3	13	253 977 R1	146	260 253 R91	174
250 548 R1	19	252 032 R3	146	254 091 R1	179	260 253 R91	175
250 550 R1	19	252 033 R1	13	254 091 R1	183	260 304 R1	30
250 582 R1	10	252 034 R1	13	254 267 R1	13	260 489 R1	30
250 583 R1	10	252 034 R1	146	254 379 R2	146	260 497 R91	30
250 608 R1	24	252 036 R3	47	254 453 R21	47	260 618 R1	75
250 610 R2	29	252 036 R3	146	254 461 R1	29	260 623 R1	30
250 612 R91	23	252 037 R92	13	254 462 R1	29	260 698 R21	33
250 617 R1	29	252 039 R2	13	254 463 R2	29	260 699 R1	33
250 683 R1	14	252 039 R2	146	254 464 R1	29	260 700 R1	33
250 754 R1	16	252 041 R2	13	254 465 R1	29	260 701 R2	33
250 767 R3	146	252 045 R1	146	254 466 R1	29	260 705 R1	33
250 787 R2	21	252 172 R11	93	254 487 R1	177	260 706 R91	33
250 792 R11	21	252 374 R1	32	254 693 R1	118	260 707 R1	33
250 793 R1	21	252 374 R1	81	254 954 R1	51	260 708 R2	33
250 794 R1	21	252 482 R1	99	255 088 R1	179	260 708 R2	146
250 796 R11	21	252 482 R1	158	255 630 R1	14	260 709 R1	33
250 798 R1	21	252 482 R1	179	255 828 R1	81	260 710 R2	33
250 799 R1	21	252 482 R1	182	255 835 R91	114	260 712 R91	33
250 885 R1	12	252 483 R1	51	255 836 R91	114	260 766 R21	47
250 885 R11	12	252 571 R81	10	255 837 R91	114	260 839 R1	33
250 886 R2	12	252 572 R81	11	255 838 R91	114	260 839 R1	146
250 886 R2	146	252 575 R1	11	255 840 R92	114	260 896 R4	98
250 887 R1	14	252 589 R1	10	255 880 R91	114	260 897 R4	98
250 900 R1	13	252 593 R6	10	255 881 R91	114	260 943 R2	10
250 901 R1	13	252 595 R1	10	256 109 R94	16	261 017 R94	20
251 042 R4	24	252 597 R1	10	256 112 R94	16	261 035 R1	48
251 044 R2	24	252 598 R1	10	256 785 R3	75	261 120 R91	13
251 050 R2	30	252 602 R1	10	256 790 R1	75	261 192 R91	33
251 064 R1	10	252 604 R1	10	256 918 R1	116	261 193 R91	33
251 134 R24	45	252 606 R21	10	256 919 R1	116	261 202 R1	127
251 226 R1	10	252 607 R21	10	257 211 R1	45	261 291 R1	98
251 227 R91	10	252 609 R1	10	257 211 R1	46	261 292 R1	98
251 319 R1	75	252 611 R11	10	257 212 R1	45	261 317 R2	12
251 388 R21	75	252 616 R2	19	257 213 R1	45	261 317 R2	13
251 538 R1	51	252 617 R2	19	257 214 R1	45	261 342 R91	11
251 553 R1	51	252 618 R1	19	257 214 R1	146	261 342 R91	146
251 553 R1	53	252 621 R1	10	257 215 R91	45	261 443 R2	162
251 644 R11	23	252 623 R11	19	257 329 R94	103	261 535 R1	33
251 650 R11	23	252 625 R1	19	257 523 R1	81	261 535 R1	146
251 652 R91	23	252 626 R1	19	257 729 R92	114	261 611 R1	48
251 669 R3	14	252 627 R1	10	257 730 R92	114	261 613 R1	48
251 674 R12	16	252 628 R1	10	257 731 R92	114	261 614 R11	48
251 683 R3	16	252 628 R1	95	257 732 R92	114	261 628 R1	48
251 684 R31	16	252 655 R1	14	258 046 R1	30	261 629 R1	48
251 685 R31	16	252 656 R1	21	258 047 R1	30	261 629 R1	146
251 717 R2	45	252 657 R92	21	258 333 R1	125	261 630 R1	48
251 717 R2	146	252 659 R11	21	258 417 R2	47	261 647 R1	110
251 719 R2	45	252 660 R1	21	258 424 R1	11	261 650 R1	21
251 719 R2	146	252 661 R1	21	258 511 R91	14	261 650 R1	80
251 727 R2	44	252 662 R91	21	258 557 R1	14	261 830 R12	48
251 842 R1	80	252 663 R11	21	258 575 R91	119	261 833 R11	48
251 846 R1	80	252 664 R1	23	258 575 R91	120	261 835 R1	48
251 957 R1	103	252 690 R2	146	258 612 R41	47	261 835 R1	146
251 959 R1	103	252 728 R1	159	258 634 R93	81	261 836 R1	48
251 962 R1	103	252 738 R1	137	258 860 R93	129	261 836 R1	146
251 963 R1	103	252 739 R1	52	258 898 R41	16	261 957 R95	48
251 954 R1	103	252 846 R2	125	258 901 R41	16	261 958 R11	48
251 965 R1	103	253 070 R1	182	259 099 R1	179	261 959 R1	48
252 005 R1	14	253 172 R1	167	259 184 R1	14	261 959 R1	146
252 007 R1	14	253 172 R1	169	259 190 R1	179	262 019 R1	45
252 009 R1	14	253 172 R1	171	259 403 R91	31	262 029 R1	30
252 011 R2	14	253 584 R1	148	259 433 R2	14	262 038 R1	30
252 012 R1	13	253 584 R1	162	259 598 R2	37	262 119 R1	30
252 018 R1	14	253 584 R1	163	259 598 R2	39	262 532 R92	136
252 020 R2	13	253 660 R1	49	259 599 R91	37	262 536 R11	10
252 021 R1	13	253 660 R1	50	259 599 R91	39	262 537 R1	10

NUMERICAL INDEX

PART NUMBER	PAGE	PART NUMBER	PAGE
262 568 R92	21	264 372 R91	119
262 569 R11	21	264 377 R1	14
262 579 R11	21	264 389 R91	48
262 603 R11	37	264 530 R91	10
262 603 R11	39	264 534 R91	14
262 607 R1	21	264 674 R91	62
262 608 R1	19	264 679 R1	78
262 704 R1	80	264 694 R91	75
263 059 R1	47	264 718 R1	29
263 134 R21	16	264 723 R1	14
263 137 R91	16	264 967 R93	45
263 138 R21	16	264 968 R93	45
263 178 R1	29	265 126 R91	53
263 179 R1	29	265 224 R1	103
263 191 R2	16	265 229 R1	103
263 308 R91	20	265 230 R2	103
263 308 R91	53	265 231 R1	103
263 308 R91	68	265 234 R1	103
263 313 R1	53	265 235 R1	103
263 314 R1	53	265 457 R1	140
263 318 R1	19	265 458 R1	140
263 325 R2	20	265 459 R1	140
263 326 R1	20	265 460 R1	140
263 327 R1	19	265 461 R1	140
263 328 R1	19	265 47 R92	184
263 329 R1	20	265 473 R1	184
263 330 R1	19	265 477 R1	184
263 508 R2	48	265 542 R11	48
263 514 R91	42	265 543 R1	48
263 514 R91	43	265 544 R1	48
263 514 R91	68	265 874 R1	62
263 696 R1	83	265 890 R1	99
263 717 R91	67	265 904 R91	68
263 717 R91	68	265 906 R91	51
263 717 R91	69	265 906 R91	53
263 945 R1	99	265 906 R91	68
263 945 R1	105	265 913 R91	19
263 945 R1	112	265 925 R1	51
263 955 R1	105	265 926 R91	14
263 955 R1	112	266 088 R2	105
263 956 R1	105	266 089 R1	105
263 956 R1	112	266 097 R91	53
263 957 R1	105	266 097 R92	51
263 957 R1	112	266 097 R92	53
263 958 R1	105	266 168 R1	98
263 958 R1	112	266 174 R1	100
263 959 R2	105	266 175 R1	100
263 959 R2	112	266 178 R1	101
263 960 R1	105	266 179 R1	103
263 960 R1	112	266 245 R2	103
263 961 R1	105	266 265 R3	130
263 961 R1	112	266 337 R91	31
263 966 R91	106	266 337 R91	149
264 045 R1	15	266 337 R91	154
264 046 R1	15	266 337 R91	156
264 055 R2	80	266 337 R91	157
264 055 R2	116	266 337 R91	162
264 057 R1	11	266 337 R91	163
264 097 R2	72	266 396 R91	77
264 097 R2	80	266 757 R91	67
264 097 R2	120	266 760 R91	69
264 139 R1	48	266 855 R91	68
264 164 R91	60	266 865 R1	34
264 164 R91	68	267 195 R91	103
264 166 R1	19	267 634 R2	45
264 171 R1	20	267 637 R41	12
264 171 R12	19	267 665 R91	78
264 171 R12	68	267 679 R91	78
264 196 R91	68	267 680 R91	78
264 235 R1	19	267 683 R1	79
264 266 R1	98	267 689 R91	78
264 267 R1	98	267 700 R1	48
264 270 R1	98	267 787 R91	49

NUMERICAL INDEX

PART NUMBER	PAGE	PART NUMBER	PAGE
267 787 R91	69	270 981 R1	32
267 788 R91	39	271 066 R91	62
267 788 R91	148	271 077 R91	63
267 808 R1	48	271 077 R91	67
267 808 R11	48	271 077 R91	81
267 809 R1	48	271 080 R1	69
267 810 R1	48	271 110 R1	182
267 811 R91	62	271 120 R91	99
267 933 R91	53	271 121 R11	99
267 934 R91	53	271 122 R11	99
267 935 R91	53	271 305 R2	102
267 939 R92	19	271 406 R91	135
267 948 R91	19	271 407 R91	135
268 090 R2	102	271 587 R91	63
268 091 R2	103	271 597 R91	10
268 166 R1	24	271 647 R1	105
268 197 R98	101	271 647 R1	167
268 198 R98	101	271 700 R1	13
268 250 R1	107	271 701 R1	14
268 250 R1	108	271 702 R1	13
268 251 R91	107	271 702 R1	146
268 306 R1	109	271 703 R92	13
268 345 R1	47	271 740 R1	24
268 346 R1	47	271 743 R1	24
268 347 R1	47	271 744 R1	24
268 403 R1	14	271 812 R1	76
268 443 R1	14	271 831 R1	118
268 500 R91	119	271 841 R91	76
268 770 R2	13	271 842 R1	76
268 770 R2	146	271 848 R1	11
268 914 R2	98	271 848 R1	99
268 915 R2	101	271 878 R1	76
268 916 R2	101	271 879 R1	76
268 996 R1	110	271 881 R1	75
269 164 R1	71	271 884 R91	118
269 177 R1	71	271 885 R2	118
269 178 R1	71	271 886 R1	118
269 179 R1	71	271 889 R2	118
269 182 R1	71	271 891 R1	118
269 183 R1	71	271 892 R1	118
269 186 R3	71	271 893 R1	118
269 192 R1	71	271 894 R1	118
269 206 R1	83	271 904 R1	17
269 215 R91	71	272 061 R91	65
269 218 R91	71	272 061 R91	66
269 224 R91	71	272 101 R91	21
269 225 R91	70	272 123 R11	77
269 226 R91	71	272 124 R1	77
269 227 R2	71	272 130 R1	20
269 228 R2	71	272 137 R2	103
269 229 R11	71	272 137 R2	112
269 235 R1	83	272 141 R1	120
269 236 R1	83	272 142 R1	120
269 467 R92	68	272 144 R1	120
269 467 R92	81	272 145 R91	103
269 523 R1	28	272 152 R91	91
269 524 R1	28	272 157 R11	70
269 525 R1	28	272 167 R1	70
269 630 R91	28	272 171 R21	70
269 632 R91	28	272 174 R11	70
269 633 R91	28	272 176 R1	70
269 634 R91	28	272 177 R91	70
269 635 R91	28	272 178 R91	70
269 636 R91	28	272 182 R1	70
269 733 R1	132	272 185 R11	64
269 908 R1	116	272 192 R1	64
269 909 R2	118	272 236 R11	154
269 910 R1	118	272 236 R21	94
269 976 R91	81	272 239 R92	93
270 168 R91	148	272 239 R92	148
270 172 R91	162	272 240 R11	148
270 172 R91	163	272 245 R1	32
270 697 R2	30	272 248 R3	73

NUMERICAL INDEX

NUMERICAL INDEX

PART NUMBER	PAGE	PART NUMBER	PAGE	PART NUMBER	PAGE	PART NUMBER	PAGE
272 248 R4	73	273 101 R1	94	274 200 R92	70	274 608 R11	43
272 248 R4	116	273 102 R1	94	274 214 R1	130	274 630 R91	45
272 256 R21	128	273 103 R1	94	274 221 R1	130	274 630 R91	140
272 259 R1	128	273 162 R92	148	274 225 R91	80	274 630 R91	141
272 272 R1	128	273 162 R92	154	274 228 R1	80	274 630 R91	148
272 301 R1	73	273 162 R92	155	274 229 R1	80	274 630 R91	154
272 301 R1	116	273 162 R92	157	274 230 R21	80	274 630 R91	157
272 310 R1	115	273 165 R93	10	274 233 R1	80	274 630 R91	162
272 311 R11	115	273 172 R91	78	274 239 R1	37	274 630 R91	163
272 321 R1	72	273 290 R91	42	274 252 R1	86	274 800 R1	85
272 322 R1	75	273 294 R91	45	274 255 R1	80	274 801 R1	85
272 325 R11	93	273 405 R1	69	274 256 R2	84	274 802 R1	85
272 326 R11	94	273 406 R1	69	274 256 R2	85	274 803 R1	85
272 327 R11	94	273 478 R1	103	274 256 R2	86	274 804 R1	85
272 328 R2	94	273 478 R1	112	274 282 R1	84	274 805 R1	85
272 329 R1	94	273 498 R92	148	274 287 R2	35	274 806 R1	85
272 352 R1	83	273 498 R92	152	274 287 R2	37	274 807 R1	85
272 353 R91	129	273 498 R92	155	274 288 R1	39	274 808 R2	85
272 372 R91	118	273 498 R92	156	274 288 R1	172	274 808 R2	86
272 377 R91	25	273 499 R91	148	274 288 R1	173	274 809 R2	85
272 387 R11	93	273 499 R91	152	274 289 R1	39	274 809 R2	86
272 388 R11	94	273 499 R91	155	274 289 R1	150	274 814 R91	42
272 389 R1	94	273 499 R91	156	274 289 R1	172	274 815 R91	42
272 390 R1	93	273 500 R92	148	274 289 R1	173	274 816 R91	42
272 397 R91	94	273 500 R92	152	274 304 R91	62	274 902 R3	128
272 398 R91	94	273 500 R92	155	274 304 R91	67	274 905 R1	128
272 412 R91	119	273 500 R92	156	274 305 R91	69	274 906 R1	128
272 413 R1	120	273 529 R1	103	274 317 R11	89	274 907 R92	128
272 424 R1	30	273 546 R2	148	274 318 R11	89	274 918 R1	40
272 427 R91	71	273 547 R3	148	274 324 R21	80	274 918 R1	89
272 428 R91	71	273 548 R1	112	274 325 R1	87	275 021 R1	130
272 437 R2	32	273 555 R11	112	274 326 R1	87	275 022 R1	130
272 440 R11	115	273 556 R13	112	274 328 R91	85	275 058 R1	71
272 449 R92	75	273 559 R1	112	274 329 R92	85	275 059 R1	71
272 495 R1	127	273 560 R1	112	274 330 R31	86	275 066 R1	83
272 497 R1	126	273 561 R1	112	274 331 R2	86	275 131 R1	76
272 526 R1	102	273 562 R1	76	274 332 R3	85	275 266 R1	149
272 527 R1	102	273 607 R1	97	274 333 R4	85	275 266 R1	154
272 527 R1	112	273 682 R11	97	274 333 R4	86	275 266 R1	156
272 533 R12	72	273 683 R1	97	274 359 R1	81	275 266 R1	157
272 533 R22	72	273 687 R1	97	274 362 R1	81	275 268 R1	148
272 534 R31	73	273 688 R1	97	274 374 R92	25	275 268 R1	148
272 536 R1	72	273 692 R71	97	274 381 R21	101	275 269 R1	112
272 537 R11	72	273 693 R1	97	274 382 R21	101	275 452 R12	112
272 539 R1	72	273 694 R1	97	274 383 R2	84	275 460 R2	112
272 540 R1	72	273 695 R91	97	274 384 R1	84	275 461 R21	112
272 542 R1	72	273 698 R1	98	274 385 R91	84	275 462 R21	112
272 553 R1	87	273 698 R1	175	274 385 R91	84	275 519 R2	109
272 799 R1	14	273 698 R1	177	274 395 R1	35	275 520 R91	110
272 854 R1	106	273 698 R1	177	274 395 R1	37	275 560 R91	25
272 859 R91	105	273 699 R5	97	274 407 R2	35	275 568 R1	109
272 864 R91	71	273 746 R1	102	274 407 R2	39	275 569 R1	109
272 866 R1	101	273 747 R1	102	274 426 R94	35	275 570 R91	109
272 867 R1	101	273 748 R1	102	274 442 R11	13	275 571 R1	109
272 925 R1	99	273 749 R1	102	274 455 R91	68	275 572 R1	109
272 940 R91	25	273 753 R1	71	274 456 R91	68	275 573 R1	109
272 941 R1	30	273 789 R1	97	274 571 R92	61	275 634 R1	24
272 946 R1	25	273 790 R1	97	274 580 R92	62	275 634 R1	33
272 947 R1	25	273 872 R1	114	274 580 R92	149	275 650 R91	149
273 034 R91	27	273 872 R1	162	274 580 R92	154	275 684 R1	98
273 034 R91	154	274 085 R91	39	274 580 R92	156	275 719 R91	24
273 034 R91	156	274 086 R91	130	274 580 R92	157	275 862 R1	150
273 034 R91	157	274 087 R91	39	274 580 R92	162	276 027 R91	30
273 034 R91	162	274 087 R91	45	274 580 R92	164	276 069 R1	33
273 039 R91	25	274 087 R91	122	274 583 R91	42	276 073 R1	24
273 039 R91	154	274 087 R91	125	274 583 R91	43	276 132 R91	148
273 039 R91	156	274 088 R91	34	274 602 R11	42	276 187 R1	73
273 039 R91	157	274 088 R91	35	274 604 R11	42	276 223 R91	89
273 039 R91	162	274 088 R91	37	274 604 R11	43	276 226 R1	89
273 039 R91	162	274 089 R91	25	274 606 R1	42	276 266 R1	45
273 053 R1	48	274 089 R91	35	274 606 R1	43	276 338 R91	45
273 084 R11	73	274 089 R91	37	274 607 R1	42	276 375 R11	148
273 085 R21	73	274 193 R1	20	274 607 R1	43	276 378 R1	148
273 100 R1	94	274 193 R11	47	274 608 R11	42	276 393 R91	24
						276 394 R11	24

NUMERICAL INDEX

NUMERICAL INDEX

PART NUMBER	PAGE	PART NUMBER	PAGE	PART NUMBER	PAGE	PART NUMBER	PAGE
276 422 R11	12	277 347 R2	95	278 943 R1	140	279 767 R91	117
276 426 R1	12	277 375 R91	27	278 944 R1	136	279 769 R91	117
276 429 R1	128	277 376 R91	27	278 944 R1	139	279 770 R91	118
276 430 R2	129	277 377 R1	27	278 945 R91	136	279 771 R91	118
276 460 R12	44	277 418 R1	60	278 945 R91	139	279 772 R91	118
276 461 R11	45	277 433 R1	128	278 946 R1	136	279 774 R91	117
276 463 R1	44	277 434 R1	129	278 946 R1	139	279 833 R91	60
276 478 R91	45	277 435 R1	128	278 947 R91	137	279 833 R91	67
276 481 R91	88	277 436 R1	129	278 948 R91	140	279 875 R11	118
276 481 R91	149	277 438 R91	129	278 949 R1	136	279 876 R1	118
276 482 R1	88	277 461 R11	60	278 949 R1	140	279 877 R1	118
276 550 R91	127	277 472 R91	60	278 950 R1	137	279 878 R1	118
276 551 R91	126	277 472 R91	68	278 951 R1	137	279 879 R1	118
276 552 R92	127	277 472 R91	69	278 953 R91	10	279 880 R1	118
276 561 R91	127	277 475 R1	33	278 953 R91	29	279 881 R22	116
276 562 R1	127	277 551 R91	60	278 953 R91	32	279 886 R95	116
276 563 R1	126	277 551 R92	67	278 953 R91	95	279 889 R91	116
276 565 R1	126	277 605 R1	88	279 013 R91	126	279 892 R91	116
276 566 R1	126	277 667 R92	149	279 014 R91	127	279 895 R91	116
276 567 R1	126	277 701 R91	45	279 015 R1	127	279 896 R1	76
276 568 R1	127	277 747 R1	85	279 026 R91	45	279 896 R1	118
276 569 R1	127	277 748 R91	62	279 029 R91	27	279 898 R2	118
276 570 R1	126	277 749 R1	132	279 038 R91	49	279 899 R1	118
276 571 R1	127	277 777 R11	112	279 070 R1	87	279 900 R1	118
276 574 R91	126	277 994 R1	83	279 135 R1	39	279 901 R1	118
276 575 R1	127	277 995 R1	83	279 139 R1	75	279 902 R11	117
276 578 R91	126	278 008 R91	24	279 324 R91	78	279 903 R2	117
276 579 R1	126	278 027 R1	14	279 443 R2	76	279 904 R2	117
276 579 R1	127	278 027 R1	47	279 444 R2	76	279 905 R1	117
276 612 R1	82	278 027 R1	76	279 445 R2	76	279 906 R1	117
276 618 R1	149	278 027 R1	99	279 446 R2	76	279 907 R2	117
276 622 R1	129	278 027 R1	151	279 447 R2	76	279 908 R1	117
276 628 R91	152	278 047 R92	156	279 448 R2	76	279 909 R2	117
276 628 R91	155	278 047 R92	157	279 449 R1	76	279 910 R1	117
276 628 R91	156	278 047 R92	180	279 453 R91	118	279 911 R2	117
276 629 R1	154	278 047 R92	183	279 454 R91	117	279 912 R1	117
276 629 R1	156	278 048 R91	182	279 485 R1	78	279 913 R1	117
276 629 R1	157	278 049 R1	182	279 486 R91	78	279 914 R1	117
276 652 R1	130	278 050 R1	182	279 488 R1	78	279 915 R1	117
276 678 R91	131	278 069 R91	45	279 500 R11	116	279 916 R1	117
276 737 R92	148	278 112 R1	88	279 501 R1	116	279 917 R1	117
276 800 R11	116	278 508 R1	90	279 502 R2	116	279 918 R1	117
276 915 R2	34	278 545 R1	45	279 503 R1	116	279 919 R1	118
276 954 R1	24	278 575 R1	97	279 504 R11	116	279 920 R1	118
276 958 R91	129	278 576 R1	97	279 506 R1	115	279 921 R1	118
276 963 R1	14	278 578 R1	97	279 507 R11	115	279 922 R1	118
277 022 R1	64	278 637 R1	27	279 510 R1	116	279 923 R1	118
277 025 R92	32	278 730 R91	63	279 511 R1	116	279 924 R1	118
277 026 R2	32	278 730 R91	149	279 512 R1	116	279 925 R1	118
277 027 R2	32	278 803 R1	112	279 513 R1	116	279 926 R1	118
277 041 R91	32	278 931 R91	136	279 514 R1	116	279 927 R1	118
277 053 R1	97	278 931 R91	138	279 515 R11	116	279 928 R1	118
277 054 R91	97	278 932 R91	136	279 523 R1	116	279 950 R1	77
277 057 R1	16	278 932 R91	138	279 540 R1	118	279 951 R11	77
277 058 R93	129	278 933 R91	136	279 548 R1	117	279 952 R1	78
277 061 R11	70	278 933 R91	138	279 550 R1	78	279 953 R1	78
277 084 R91	45	278 934 R1	136	279 558 R1	77	279 954 R1	77
277 085 R91	140	278 934 R1	138	279 576 R1	72	279 955 R21	83
277 181 R91	129	278 935 R1	136	279 577 R1	73	279 955 R31	83
277 183 R91	128	278 935 R1	139	279 578 R1	72	279 956 R21	83
277 184 R1	129	278 936 R1	136	279 606 R1	76	279 958 R2	83
277 256 R91	32	278 936 R1	139	279 607 R1	76	279 959 R91	82
277 282 R91	130	278 937 R91	136	279 664 R1	73	279 961 R1	94
277 289 R91	131	278 937 R91	138	279 680 R2	97	279 961 R1	148
277 289 R91	154	278 938 R1	136	279 681 R2	98	279 962 R1	76
277 289 R91	156	278 938 R1	139	279 682 R1	98	279 963 R21	75
277 289 R91	157	278 939 R1	136	279 726 R1	118	279 964 R2	76
277 289 R91	162	278 939 R1	139	279 730 R92	46	279 965 R1	112
277 289 R91	164	278 940 R1	136	279 751 R92	97	279 970 R91	112
277 341 R21	95	278 940 R1	139	279 760 R91	60	279 975 R92	117
277 342 R21	95	278 942 R1	137	279 760 R91	67	279 976 R91	118
277 345 R2	95	278 942 R1	140	279 765 R94	78	279 977 R1	118
277 346 R2	95	278 943 R1	137	279 766 R91	117	279 979 R91	33

NUMERICAL INDEX

PART NUMBER	PAGE	PART NUMBER	PAGE
279 981 R91	78	293 694 R91	182
279 986 R91	78	293 696 R1	182
279 991 R1	118	293 696 R1	183
279 992 R1	76	293 698 R1	182
280 655 R91	131	293 698 R91	182
280 668 R91	169	293 739 R1	182
280 668 R91	171	294 118 R2	167
281 182 R91	131	294 118 R2	169
281 268 R2	61	294 118 R2	171
281 425 R91	167	294 286 R1	182
281 463 R1	107	294 288 R1	183
281 463 R1	108	294 512 R92	159
281 923 R1	60	294 512 R92	161
281 923 R1	61	294 513 R91	160
282 081 R91	61	294 513 R91	162
282 818 R1	83	294 514 R2	159
283 000 R1	131	294 514 R2	161
283 001 R91	131	294 515 R1	159
283 036 R1	88	294 515 R1	161
283 189 R1	155	294 516 R1	160
283 189 R1	158	294 516 R1	162
283 286 R1	131	294 682 R12	159
283 321 R91	94	294 682 R12	161
283 321 R91	148	294 684 R1	159
283 321 R91	154	294 684 R1	161
283 321 R91	156	294 685 R1	159
283 321 R91	157	294 685 R1	161
283 442 R91	155	294 773 R1	180
283 442 R91	156	294 885 R91	160
283 455 R1	152	294 886 R2	160
283 455 R1	184	294 905 R1	161
283 457 R1	184	294 997 R91	167
283 461 R1	184	295 203 R1	167
283 461 R91	152	295 204 R1	167
284 179 R1	169	295 206 R11	167
284 179 R1	171	295 207 R1	167
285 723 R1	180	295 534 R1	155
286 952 R1	177	295 534 R1	157
287 058 R91	155	295 535 R1	155
287 058 R91	157	295 535 R1	157
287 072 R1	155	295 541 R91	155
287 072 R1	156	295 541 R91	157
287 200 R91	179	295 542 R11	155
289 253 R1	166	295 542 R11	157
289 253 R1	168	295 543 R1	155
289 253 R1	170	295 543 R1	157
289 254 R1	166	295 623 R92	179
289 254 R1	168	295 698 R1	155
289 254 R1	170	295 698 R1	158
289 555 R1	80	295 749 R91	180
290 028 R1	128	295 750 R1	179
290 028 R1	182	295 751 R1	179
290 297 R1	160	295 752 R1	179
290 987 R1	182	295 754 R1	179
290 987 R1	183	295 755 R1	179
290 998 R1	160	295 757 R91	180
293 650 R1	182	295 758 R1	180
293 658 R1	182	295 759 R1	180
293 661 R1	182	295 760 R1	180
293 668 R1	182	295 761 R1	180
293 669 R91	182	295 762 R1	180
293 672 R1	182	295 763 R1	180
293 673 R1	182	295 764 R1	180
293 674 R1	182	295 765 R1	179
293 675 R1	183	295 766 R1	179
293 681 R1	182	295 767 R1	180
293 685 R91	182	295 769 R1	179
293 688 R1	182	295 770 R1	179
293 689 R2	182	295 771 R1	179
293 690 R1	182	295 772 R1	179
293 691 R1	182	295 777 R1	182
293 692 R1	182	295 778 R1	182
293 693 R1	182	295 780 R1	182

NUMERICAL INDEX

PART NUMBER	PAGE	PART NUMBER	PAGE
295 781 R1	182	300 559 R91	68
295 782 R1	182	300 916 R1	39
295 783 R1	182	300 916 R1	91
295 786 R1	182	301 871 R1	43
295 787 R1	182	301 913 R1	169
295 788 R1	182	301 913 R1	171
295 789 R1	182	302 085 R91	135
295 791 R1	182	303 245 R91	16
295 792 R1	182	303 389 R92	148
295 793 R1	182	303 392 R11	148
295 794 R1	183	303 393 R1	116
295 795 R1	183	303 492 R91	121
295 796 R1	183	303 492 R91	124
295 797 R1	182	303 535 R11	16
295 799 R91	180	303 541 R1	120
295 891 R95	160	303 542 R91	120
295 892 R95	160	303 666 R1	40
295 893 R92	159	303 667 R1	40
295 893 R92	161	303 667 R1	41
295 901 R1	160	303 667 R1	150
295 902 R13	159	303 667 R1	167
295 902 R13	161	303 667 R1	169
295 903 R1	159	303 667 R1	171
295 903 R1	161	303 667 R1	172
295 904 R92	159	303 667 R1	173
295 904 R92	161	303 669 R1	41
295 905 R1	159	303 669 R1	167
295 906 R1	159	303 669 R1	169
295 907 R91	159	303 669 R1	171
295 907 R91	161	303 685 R11	107
295 908 R91	159	303 686 R11	107
295 908 R91	161	303 687 R11	107
295 926 R1	155	303 688 R11	107
295 926 R1	158	303 691 R91	107
296 247 R1	155	303 691 R91	149
296 247 R1	158	303 691 R91	154
296 590 R91	160	303 691 R91	156
296 590 R91	162	303 691 R91	157
296 927 R1	183	303 691 R91	162
296 928 R1	183	303 694 R91	46
296 929 R1	183	303 694 R91	149
296 930 R1	183	303 704 R92	60
296 944 R91	180	303 704 R92	65
296 945 R1	183	303 704 R92	68
296 946 R91	183	303 704 R92	69
296 947 R3	183	303 705 R91	66
296 987 R11	156	303 706 R1	60
296 987 R11	157	303 706 R1	61
297 218 R91	155	303 715 R91	65
297 218 R91	156	303 716 R91	65
297 241 R1	182	303 717 R91	65
297 325 R1	183	303 718 R91	65
297 490 R91	160	303 722 R1	65
297 583 R1	10	303 724 R1	65
298 175 R91	155	303 855 R11	34
298 175 R91	156	303 856 R1	34
298 179 R1	180	303 857 R91	35
298 420 R91	60	303 866 R91	38
299 480 R91	160	303 867 R11	38
299 491 R91	175	303 868 R1	39
299 725 R1	152	303 870 R1	39
299 840 R91	150	303 962 R1	32
299 842 R1	40	303 995 R1	75
299 842 R1	41	304 069 R1	45
299 842 R1	150	304 070 R92	45
299 842 R1	167	304 071 R11	45
299 842 R1	169	304 072 R1	16
299 842 R1	171	304 074 R1	12
299 842 R1	172	304 078 R1	30
299 842 R1	173	304 080 R1	53
300 025 R1	183	304 082 R11	21
300 026 R1	174	304 083 R91	47
300 026 R1	175	304 084 R11	14

NUMERICAL INDEX

PART NUMBER	PAGE	PART NUMBER	PAGE
304 086 R11	13	304 361 R91	167
304 087 R11	13	304 367 R91	150
304 088 R1	14	304 376 R11	45
304 089 R2	47	304 378 R1	45
304 128 R1	182	304 379 R1	53
304 142 R1	130	304 380 R1	53
304 181 R91	126	304 391 R1	49
304 205 R21	25	304 398 R1	27
304 206 R1	10	304 453 R1	127
304 207 R11	80	304 505 R1	125
304 208 R91	80	304 505 R1	132
304 209 R1	80	304 506 R1	132
304 210 R11	80	304 516 R91	132
304 212 R11	18	304 521 R1	132
304 213 R11	18	304 522 R1	132
304 215 R2	18	304 557 R91	112
304 216 R12	89	304 558 R91	112
304 220 R11	89	304 561 R92	41
304 221 R11	89	304 562 R11	41
304 223 R1	34	304 563 R11	41
304 224 R11	130	304 622 R1	29
304 225 R92	68	304 651 R91	132
304 226 R91	31	304 652 R91	133
304 228 R1	31	304 653 R1	132
304 233 R11	84	304 654 R91	132
304 234 R11	84	304 657 R91	133
304 236 R91	114	304 659 R1	132
304 236 R91	149	304 660 R92	132
304 236 R91	156	304 661 R91	133
304 236 R91	157	304 662 R1	133
304 237 R91	114	304 663 R1	133
304 237 R91	149	304 711 R92	18
304 241 R1	35	304 726 R1	79
304 242 R1	130	304 750 R91	87
304 243 R91	114	304 754 R1	87
304 243 R91	149	304 755 R1	87
304 244 R91	114	304 756 R91	87
304 244 R91	148	304 763 R11	107
304 248 R91	42	304 764 R11	107
304 248 R91	154	304 766 R11	107
304 248 R91	156	304 767 R11	107
304 248 R91	157	304 861 R91	45
304 274 R91	40	304 910 R2	135
304 278 R92	23	304 919 R1	15
304 280 R91	130	304 922 R91	16
304 283 R11	130	304 923 R92	15
304 286 R11	130	304 924 R91	15
304 287 R1	34	304 947 R1	71
304 288 R1	35	304 948 R1	71
304 289 R1	130	304 949 R1	71
304 290 R1	34	304 999 R1	1
304 291 R1	102	305 104 R91	78
304 292 R1	85	305 105 R91	78
304 292 R1	86	305 108 R91	78
304 293 R92	17	305 109 R91	78
304 294 R91	17	305 109 R91	151
304 294 R91	148	305 109 R91	185
304 294 R91	152	305 109 R91	187
304 294 R91	155	305 118 R1	15
304 294 R91	156	305 119 R1	15
304 294 R91	162	305 120 R1	15
304 294 R91	163	305 122 R1	39
304 296 R21	17	305 131 R91	25
304 298 R21	17	305 132 R91	25
304 325 R91	40	305 158 R91	79
304 331 R1	40	305 161 R91	66
304 339 R91	166	305 162 R91	66
304 346 R11	150	305 163 R91	66
304 355 R91	166	305 164 R1	66
304 359 R91	166	305 168 R92	152
304 359 R91	168	305 253 R1	39
304 359 R91	170	305 254 R1	35
304 360 R11	167	305 254 R1	37

NUMERICAL INDEX

PART NUMBER	PAGE	PART NUMBER	PAGE
305 262 R1	81	307 210 R91	131
305 263 R1	32	307 250 R91	90
305 264 R1	32	307 251 R91	90
305 265 R1	32	307 252 R91	90
305 266 R1	167	307 252 R91	149
305 266 R1	169	307 256 R11	90
305 266 R1	171	307 257 R11	90
305 275 R91	8	307 258 R1	90
305 402 R11	148	307 260 R1	90
305 403 R11	148	307 263 R11	90
305 509 R91	32	307 264 R11	90
305 525 R91	110	307 265 R91	90
305 525 R91	113	307 266 R91	90
305 526 R91	110	307 271 R11	90
305 526 R91	113	307 272 R11	90
305 527 R91	110	307 274 R11	90
305 528 R91	110	307 275 R11	90
305 533 R91	110	307 276 R11	90
305 535 R1	110	307 279 R11	90
305 536 R1	110	307 285 R91	90
305 537 R91	135	307 286 R91	90
305 540 R1	103	307 289 R11	89
305 542 R1	110	307 290 R11	89
305 667 R1	122	307 312 R91	148
305 798 R11	32	307 312 R91	152
305 799 R1	32	307 312 R91	155
305 855 R92	183	307 312 R91	156
305 862 R1	152	307 313 R91	94
305 874 R1	155	307 314 R91	148
305 874 R1	156	307 314 R91	152
305 946 R1	118	307 314 R91	155
306 149 R91	32	307 314 R91	156
306 149 R91	149	307 315 R1	94
306 149 R91	154	307 315 R1	148
306 149 R91	156	307 315 R1	152
306 149 R91	157	307 315 R1	155
306 149 R91	162	307 315 R1	156
306 149 R91	164	307 316 R1	94
306 163 R1	137	307 316 R1	148
306 164 R1	137	307 316 R1	154
306 214 R1	53	307 316 R1	155
306 220 R91	32	307 316 R1	157
306 271 R1	53	307 317 R12	94
306 272 R1	46	307 317 R12	148
306 668 R11	149	307 317 R12	152
306 668 R11	154	307 317 R12	155
306 668 R11	156	307 317 R12	156
306 668 R11	157	307 317 R12	157
306 704 R11	116	307 345 R1	39
306 872 R91	148	307 345 R1	91
306 874 R1	130	307 350 R91	82
306 942 R92	145	307 352 R1	83
307 178 R92	112	307 353 R1	82
307 179 R92	112	307 354 R1	83
307 181 R91	99	307 355 R91	82
307 182 R91	99	307 357 R1	83
307 200 R91	114	307 365 R91	132
307 200 R91	154	307 365 R91	149
307 200 R91	156	307 366 R91	132
307 200 R91	157	307 370 R1	133
307 201 R91	114	307 371 R1	133
307 201 R91	154	307 373 R1	39
307 201 R91	156	307 373 R1	91
307 202 R11	114	307 374 R91	91
307 202 R91	156	307 381 R92	41
307 202 R91	157	307 396 R1	113
307 203 R91	114	307 446 R1	46
307 203 R91	154	307 446 R1	140
307 203 R91	156	307 446 R1	141
307 203 R91	157	307 464 R1	105
307 204 R91	114	307 465 R2	105
307 204 R91	154	307 466 R1	103
307 204 R91	156	307 484 R1	117

NUMERICAL INDEX

NUMERICAL INDEX

PART NUMBER	PAGE	PART NUMBER	PAGE	PART NUMBER	PAGE	PART NUMBER	PAGE
307 487 R92	72	310 837 R91	78	311 460 R1	92	314 419 R91	177
307 489 R92	148	310 838 R91	79	311 461 R11	91	314 428 R92	172
307 494 R1	86	310 897 R91	169	311 462 R11	91	314 428 R92	173
307 495 R1	86	310 897 R91	171	311 468 R11	91	314 460 R1	81
307 617 R1	97	310 917 R91	155	311 468 R11	131	314 512 R91	148
307 618 R11	89	310 920 R91	155	311 496 R41	97	314 525 R1	25
307 646 R91	39	310 921 R91	155	312 109 R1	49	314 555 R1	103
307 646 R91	172	310 921 R91	158	312 556 R11	29	314 564 R91	150
307 650 R11	97	310 926 R1	140	312 703 R11	13	314 565 R11	150
307 651 R1	97	310 929 R1	179	312 705 R1	13	314 573 R1	150
307 654 R11	100	310 929 R1	183	312 706 R1	13	314 733 R91	175
307 655 R11	100	310 932 R1	179	312 707 R11	13	314 737 R1	175
307 660 R1	98	310 934 R1	180	312 823 R1	14	314 738 R1	175
307 663 R91	131	310 939 R1	182	312 892 R1	14	314 739 R1	175
307 664 R1	131	310 939 R1	183	312 893 R1	14	314 739 R1	177
307 679 R21	40	310 991 R1	182	313 085 R91	155	314 745 R1	174
307 679 R21	41	311 070 R1	104	313 095 R1	63	314 746 R91	174
307 680 R21	40	311 093 R91	154	313 222 R1	169	314 746 R91	177
307 680 R21	41	311 094 R1	167	313 222 R1	171	314 747 R91	174
307 680 R21	169	311 097 R91	41	313 229 R1	18	314 747 R91	177
307 680 R21	171	311 098 R91	41	313 230 R1	18	314 757 R1	163
307 680 R21	172	311 140 R1	40	313 231 R1	18	314 758 R11	163
307 680 R21	173	311 140 R1	41	313 232 R91	18	314 760 R1	163
307 681 R11	41	311 140 R1	172	313 245 R1	158	314 761 R91	172
307 687 R91	150	311 140 R1	173	313 337 R1	121	314 771 R91	175
307 688 R91	40	311 141 R91	112	313 337 R1	124	314 772 R91	175
307 785 R91	50	311 191 R1	70	313 516 R1	174	314 772 R92	176
307 787 R1	50	311 191 R1	175	313 516 R1	175	314 772 R92	177
307 821 R91	137	311 191 R1	177	313 566 R91	174	314 773 R1	186
307 821 R91	139	311 218 R1	35	313 566 R91	177	314 773 R1	187
307 949 R91	152	311 218 R1	37	313 631 R1	50	314 864 R1	83
307 949 R91	184	311 219 R1	35	313 660 R1	179	314 864 R1	97
307 966 R1	16	311 219 R1	37	313 914 R91	75	314 973 R91	99
308 004 R1	14	311 223 R91	167	313 938 R1	161	314 973 R91	149
308 005 R1	14	311 263 R1	40	314 017 R91	39	314 973 R91	154
308 006 R1	14	311 263 R1	41	314 020 R1	81	314 973 R91	156
308 677 R92	175	311 263 R1	150	314 100 R91	114	314 973 R91	157
308 854 R95	35	311 263 R1	169	314 100 R91	152	314 973 R91	162
309 023 R1	180	311 263 R1	171	314 100 R91	155	314 973 R91	163
309 055 R1	174	311 263 R1	172	314 100 R91	162	314 974 R91	106
309 055 R1	175	311 263 R1	173	314 100 R91	163	314 974 R91	113
309 078 R1	110	311 265 R1	156	314 101 R91	153	316 377 R1	45
309 122 R91	86	311 265 R1	158	314 154 R91	162	316 378 R1	45
309 149 R1	86	311 284 R91	149	314 154 R91	178	316 587 R91	106
309 162 R1	183	311 284 R91	154	314 155 R91	114	316 588 R91	113
309 164 R1	50	311 284 R91	156	314 155 R91	154	316 589 R1	106
309 217 R1	127	311 284 R91	157	314 157 R91	178	316 589 R1	113
309 252 R91	40	311 285 R1	148	314 161 R1	178	316 590 R1	106
309 261 R91	169	311 285 R1	154	314 162 R1	178	316 590 R1	113
309 296 R1	98	311 285 R1	155	314 168 R92	178	316 591 R1	106
309 303 R91	169	311 285 R1	157	314 179 R11	178	316 591 R1	113
309 303 R91	171	311 288 R91	140	314 180 R11	178	316 592 R1	106
309 304 R1	169	311 289 R1	140	314 188 R91	178	316 592 R1	113
309 304 R1	171	311 325 R93	140	314 192 R1	178	316 593 R1	106
309 370 R1	150	311 334 R1	128	314 198 R1	174	316 593 R1	113
309 859 R91	155	311 335 R1	128	314 198 R1	175	316 594 R1	106
309 859 R91	157	311 336 R91	129	314 207 R2	174	316 594 R1	113
309 864 R11	156	311 346 R1	114	314 207 R2	177	316 595 R1	106
309 864 R11	157	311 346 R1	162	314 214 R91	175	316 595 R1	113
309 929 R91	125	311 355 R11	101	314 214 R91	177	316 596 R1	106
310 385 R1	49	311 356 R11	101	314 215 R11	175	316 596 R1	113
310 447 R91	46	311 359 R92	104	314 215 R11	177	316 597 R1	99
310 509 R91	117	311 360 R92	104	314 223 R1	172	316 597 R1	106
310 517 R91	97	311 365 R1	102	314 223 R1	173	316 597 R1	113
310 533 R91	140	311 373 R11	70	314 224 R1	172	316 598 R1	98
310 534 R91	139	311 443 R11	73	314 224 R1	173	316 599 R1	99
310 534 R91	140	311 445 R2	72	314 225 R1	175	316 600 R1	106
310 535 R91	139	311 446 R2	72	314 225 R1	177	316 600 R1	113
310 535 R91	140	311 450 R91	91	314 231 R11	163	316 608 R1	122
310 536 R1	139	311 451 R11	91	314 232 R1	163	316 608 R1	125
310 536 R1	140	311 452 R92	91	314 322 R91	91	316 609 R1	122
310 715 R91	38	311 453 R91	91	314 322 R91	92	316 609 R1	125
310 791 R91	167	311 460 R1	91	314 419 R91	175	316 610 R1	122

NUMERICAL INDEX

NUMERICAL INDEX

PART NUMBER	PAGE	PART NUMBER	PAGE	PART NUMBER	PAGE	PART NUMBER	PAGE
316 610 R1	124	318 327 R11	49	320 372 R91	118	320 637 R1	27
316 612 R1	121	318 379 R1	49	320 380 R1	117	320 662 R91	88
316 612 R1	124	318 409 R91	16	320 381 R1	117	320 671 R1	88
316 614 R1	124	318 740 R92	101	320 382 R1	118	320 741 R1	162
316 615 R1	125	318 741 R92	101	320 383 R1	118	320 742 R1	162
316 645 R91	162	318 765 R1	91	320 385 R1	118	320 782 R91	162
316 646 R91	69	318 766 R91	91	320 386 R11	117	320 783 R91	162
316 648 R11	148	318 766 R91	92	320 390 R1	37	320 784 R11	162
316 807 R91	124	318 799 R11	97	320 390 R1	39	320 788 R1	162
316 926 R2	140	318 803 R1	124	320 391 R1	37	321 022 R1	11
317 510 R91	20	318 803 R91	122	320 391 R1	39	321 149 R91	37
317 525 R91	25	318 805 R1	122	320 423 R91	122	321 149 R91	39
317 550 R91	186	318 805 R1	124	320 441 R91	121	321 165 R91	117
317 569 R91	25	318 806 R1	83	320 441 R91	124	321 166 R91	118
317 589 R1	174	318 806 R1	122	320 443 R1	121	321 167 R91	118
317 589 R1	175	318 806 R1	125	320 443 R1	124	321 185 R91	125
317 589 R1	177	318 820 R1	75	320 453 R11	125	321 237 R91	124
317 614 R92	151	318 821 R1	75	320 456 R91	124	321 238 R91	125
317 615 R92	185	318 823 R91	76	320 520 R91	83	321 244 R1	161
317 616 R92	185	318 841 R91	106	320 525 R1	175	321 245 R1	161
317 621 R91	175	318 842 R91	106	320 525 R1	177	321 246 R91	162
317 624 R1	163	318 843 R91	106	320 529 R91	175	321 247 R91	162
317 708 R1	151	318 844 R91	113	320 534 R91	131	321 259 R1	27
317 708 R1	185	318 844 R91	149	320 534 R91	149	321 261 R91	27
317 708 R1	186	318 849 R1	128	320 539 R11	91	321 262 R91	27
317 711 R1	151	318 851 R31	116	320 539 R11	92	321 264 R1	27
317 712 R92	151	318 852 R1	115	320 542 R91	124	321 268 R91	140
317 713 R91	151	318 853 R1	116	320 543 R91	124	321 269 R91	140
317 717 R91	16	318 854 R1	116	320 545 R1	98	321 272 R1	91
317 718 R91	185	318 855 R1	116	320 546 R1	98	321 272 R1	92
317 721 R91	186	318 856 R1	116	320 548 R1	76	321 273 R1	140
317 721 R92	185	318 857 R2	116	320 548 R1	118	321 274 R1	91
317 722 R91	185	318 865 R1	128	320 549 R11	118	321 274 R1	92
317 722 R91	186	318 946 R1	83	320 565 R91	91	321 282 R91	46
317 722 R91	187	318 947 R1	83	320 565 R91	92	321 283 R1	46
317 723 R1	185	318 948 R1	73	320 568 R1	91	321 284 R1	46
317 724 R91	185	318 969 R1	88	320 568 R1	92	321 300 R91	18
317 727 R91	186	318 988 R91	91	320 569 R1	91	321 356 R91	49
317 857 R1	182	318 989 R91	18	320 569 R1	92	321 359 R1	49
317 858 R91	183	318 989 R91	91	320 570 R1	131	321 375 R1	50
317 884 R91	122	318 991 R1	18	320 571 R1	17	321 377 R91	50
317 884 R91	124	318 991 R1	91	320 588 R91	27	321 378 R1	50
317 886 R91	125	318 991 R1	92	320 588 R91	154	321 379 R1	50
317 888 R91	124	318 995 R1	131	320 588 R91	156	321 381 R91	49
317 889 R91	124	319 511 R91	121	320 588 R91	157	321 381 R91	50
317 910 R1	127	319 511 R91	124	320 588 R91	162	321 382 R91	50
317 914 R1	121	319 545 R91	121	320 588 R91	164	321 383 R91	43
317 914 R91	124	319 545 R91	124	320 589 R91	27	321 384 R91	122
317 933 R91	124	319 548 R2	78	320 589 R91	149	321 402 R91	50
317 972 R91	26	319 628 R91	104	320 593 R91	142	321 404 R1	50
317 989 R91	124	319 709 R1	130	320 593 R91	154	321 546 R1	177
317 990 R91	124	319 752 R91	130	320 593 R91	156	321 547 R91	177
318 112 R1	10	319 768 R91	130	320 593 R91	157	321 567 R91	46
318 141 R11	11	319 850 R91	27	320 593 R91	162	321 568 R91	46
318 142 R11	11	319 851 R91	27	320 594 R91	142	321 569 R91	46
318 173 R11	13	319 852 R1	27	320 594 R91	149	321 591 R1	26
318 225 R1	46	319 885 R1	15	320 595 R11	27	321 595 R91	27
318 227 R1	45	319 916 R11	16	320 597 R1	27	321 688 R91	27
318 227 R1	146	319 970 R1	50	320 598 R1	26	321 731 R91	43
318 228 R1	46	319 971 R1	50	320 600 R91	98	321 732 R91	43
318 230 R91	46	319 972 R1	50	320 601 R91	98	321 876 R91	187
318 311 R1	46	319 973 R91	117	320 606 R11	99	321 899 R91	187
318 312 R11	46	319 979 R1	122	320 607 R11	99	321 936 R1	151
318 314 R1	46	319 979 R1	124	320 616 R91	99	321 944 R91	187
318 316 R11	17	320 274 R1	15	320 616 R91	149	322 000 R1	37
318 317 R1	17	320 341 R1	35	320 616 R91	154	322 001 R91	37
318 318 R11	17	320 341 R1	37	320 616 R91	156	322 006 R1	37
318 318 R11	18	320 351 R91	131	320 616 R91	157	322 007 R1	37
318 320 R11	49	320 351 R91	149	320 616 R91	162	322 008 R1	37
318 321 R1	49	320 356 R91	40	320 616 R91	163	322 009 R1	37
318 322 R1	49	320 358 R91	167	320 625 R1	91	322 010 R21	37
318 323 R1	49	320 370 R1	118	320 634 R11	27	322 011 R21	37
318 324 R11	49	320 371 R1	118	320 635 R11	27	322 012 R91	89

NUMERICAL INDEX

NUMERICAL INDEX

PART NUMBER	PAGE	PART NUMBER	PAGE	PART NUMBER	PAGE	PART NUMBER	PAGE
322 013 R91	89	322 215 R11	90	322 534 R1	73	331 592 R1	94
322 018 R11	80	322 216 R91	90	322 539 R11	18	331 594 R1	94
322 019 R91	148	322 216 R91	149	322 550 R91	116	331 595 R1	94
322 020 R11	89	322 217 R11	90	322 636 R1	104	331 596 R91	94
322 021 R1	31	322 218 R11	90	322 637 R1	104	331 606 R91	94
322 022 R91	130	322 219 R91	91	322 638 R1	104	331 788 R91	144
322 048 R91	11	322 219 R91	92	322 639 R1	104	331 788 R91	149
322 049 R1	118	322 220 R91	92	322 640 R1	104	332 018 R1	16
322 052 R1	130	322 226 R1	43	322 641 R1	104	332 106 R91	24
322 053 R1	81	322 370 R1	149	322 642 R1	104	332 139 R1	12
322 054 R1	32	322 370 R1	154	322 643 R1	104	332 139 R1	13
322 054 R1	81	322 370 R1	156	322 655 R1	37	332 225 R91	8
322 055 R91	39	322 370 R1	157	322 655 R1	162	332 228 R91	46
322 058 R1	37	322 389 R91	35	322 655 R1	163	332 229 R91	46
322 059 R1	37	322 390 R91	35	322 780 R1	105	332 298 R11	16
322 060 R1	37	322 390 R91	149	322 780 R11	105	332 299 R11	16
322 061 R1	37	322 391 R91	35	322 782 R91	105	332 341 R91	16
322 062 R1	37	322 392 R91	144	322 800 R11	104	332 343 R91	16
322 063 R91	101	322 392 R91	154	322 801 R11	112	332 346 R91	16
322 064 R91	102	322 392 R91	156	322 938 R1	73	332 348 R91	16
322 070 R91	102	322 392 R91	157	322 939 R91	68	332 658 R91	146
322 071 R91	102	322 392 R91	162	322 962 R1	73	332 659 R91	11
322 075 R91	41	322 393 R1	35	322 963 R91	73	332 659 R91	146
322 093 R91	171	322 394 R1	35	323 905 R1	30	338 314 R91	78
322 097 R91	173	322 395 R1	35	323 906 R1	30	338 315 R91	78
322 102 R91	150	322 396 R1	35	323 907 R1	30	338 359 R1	79
322 105 R91	150	322 397 R1	35	323 960 R91	33	338 394 R91	45
322 106 R91	41	322 398 R1	39	323 961 R91	48	338 394 R91	46
322 115 R91	153	322 399 R91	144	323 981 R1	15	338 727 R1	27
322 117 R91	143	322 399 R91	163	324 005 R1	31	338 826 R91	60
322 117 R91	154	322 406 R91	167	324 192 R91	105	338 826 R91	66
322 117 R91	156	322 407 R91	150	324 194 R1	27	338 826 R91	68
322 117 R91	157	322 425 R91	173	324 195 R91	100	338 826 R91	69
322 117 R91	162	322 427 R91	177	324 196 R91	158	338 896 R1	66
322 117 R91	164	322 428 R1	177	324 204 R91	158	338 981 R91	27
322 119 R1	27	322 429 R91	177	324 205 R91	158	340 092 R1	10
322 123 R91	143	322 430 R1	177	324 256 R1	50	340 092 R1	14
322 127 R91	112	322 431 R1	177	324 257 R1	50	341 016 R1	24
322 128 R91	112	322 432 R1	177	324 259 R1	50	348 093 R91	37
322 142 R1	108	322 433 R1	177	324 260 R91	50	348 102 R91	141
322 143 R1	108	322 434 R1	177	324 365 R91	26	348 168 R91	35
322 145 R91	108	322 435 R1	177	324 458 R1	78	348 192 R91	37
322 146 R1	108	322 436 R1	177	324 498 R1	182	349 012 R91	11
322 147 R1	108	322 437 R1	177	324 546 R91	78	349 257 R91	46
322 148 R1	108	322 441 R1	187	324 547 R91	78	350 158 R91	79
322 149 R91	108	322 444 R94	163	324 572 R91	62	350 429 R1	130
322 149 R91	149	322 446 R11	163	324 630 R1	30	350 513 R1	89
322 149 R91	164	322 450 R91	145	324 742 R91	78	350 667 R1	125
322 175 R11	92	322 450 R91	154	324 769 R91	158	350 684 R1	128
322 176 R11	92	322 450 R91	156	324 770 R91	158	350 706 R1	122
322 177 R11	92	322 450 R91	157	324 771 R91	158	350 706 R1	125
322 180 R91	92	322 450 R91	163	324 900 R91	77	350 708 R1	122
322 183 R11	169	322 451 R91	34	324 900 R91	149	350 708 R1	125
322 183 R11	171	322 452 R91	35	324 900 R91	154	350 818 R1	128
322 195 R91	76	322 454 R1	35	324 900 R91	156	350 818 R1	180
322 195 R91	118	322 455 R1	35	324 900 R91	157	352 219 R1	128
322 197 R92	41	322 456 R1	35	324 900 R91	162	352 221 R1	182
322 198 R91	43	322 456 R1	37	324 900 R91	163	352 277 R11	51
322 198 R91	154	322 457 R91	35	328 017 R91	24	352 284 R2	51
322 198 R91	156	322 457 R91	37	328 018 R91	148	352 298 R1	51
322 198 R91	157	322 460 R1	108	328 022 R91	162	352 299 R1	52
322 201 R91	141	322 461 R1	108	328 022 R91	163	352 313 R1	169
322 202 R1	46	322 471 R1	130	328 027 R91	148	352 313 R1	171
322 202 R1	141	322 472 R91	91	331 387 R91	116	352 352 R1	23
322 203 R91	90	322 474 R1	27	331 391 R91	163	353 172 R91	51
322 204 R11	90	322 505 R91	177	331 491 R91	46	353 183 R91	122
322 205 R11	90	322 519 R1	17	331 491 R91	149	353 183 R91	125
322 208 R11	90	322 519 R1	18	331 491 R91	154	353 652 R91	46
322 209 R11	90	322 525 R1	37	331 491 R91	156	353 895 R1	52
322 211 R91	89	322 527 R91	145	331 491 R91	157	353 895 R1	52
322 212 R91	89	322 527 R91	154	331 491 R91	163	353 896 R91	51
322 213 R91	90	322 527 R91	156	331 491 R91	164	353 898 R11	52
322 214 R11	90	322 527 R91	157	331 591 R1	94	353 899 R1	52
						353 900 R11	51

NUMERICAL INDEX

PART NUMBER	PAGE	PART NUMBER	PAGE
353 901 R2	51	517 843 R1	41
353 903 R92	51	517 843 R1	150
353 905 R1	51	517 843 R1	169
353 906 R1	51	517 843 R1	171
353 907 R1	51	517 843 R1	172
353 921 R1	52	517 843 R1	173
353 937 R1	51	551 139 R91	182
354 260 R1	69	551 193 R1	155
354 489 R1	14	551 193 R1	157
354 552 R1	52	553 686 R1	47
354 766 R1	23	600 192 R1	130
354 767 R1	23	615 029 R1	79
354 768 R1	23	615 031 R1	41
354 771 R11	23	615 227 R1	71
354 836 R1	121	620 352 R1	155
354 836 R1	124	620 352 R1	157
355 141 R91	31	661 671 R91	152
355 889 R2	116	661 671 R91	184
355 967 R1	183	999 677 R91	135
356 005 R1	159	1 000 693 R3	145
356 005 R1	182	1 000 889 R4	145
356 062 R91	69	1 001 029 R1	137
357 090 R1	23	1 001 029 R1	139
357 929 R91	51	1 001 071 R2	145
357 929 R91	68	1 001 265 R1	145
357 958 R1	31	1 001 371 R3	145
358 381 R91	51	1 001 374 R3	145
358 381 R92	51	1 001 454 R1	145
358 381 R92	53	1 001 632 R1	145
358 381 R92	68	1 001 633 R1	145
358 588 R91	67	1 001 681 R3	145
358 618 R1	51	1 001 798 R1	145
360 679 R1	31	2 750 004 R1	145
360 687 R91	121	2 750 078 R1	145
360 687 R91	124	2 750 145 R1	145
360 691 R91	122	2 750 243 R2	145
360 691 R91	125	2 750 244 R1	145
361 625 R1	122	2 750 328 R1	145
361 625 R1	125	2 750 329 R1	145
361 627 R1	122	2 750 492 R1	145
361 627 R1	125	2 750 496 R1	145
361 628 R1	122	2 750 579 R1	145
361 628 R1	125	2 750 612 R1	140
362 120 R1	14	2 750 612 R1	141
362 120 R1	27	2 750 642 R1	145
362 120 R91	81	2 750 649 R1	162
362 428 R92	81	2 750 790 R1	145
363 422 R91	63	2 750 814 R1	145
364 145 R1	127	2 751 041 R1	27
368 062 R91	51		
368 096 R1	52		
368 839 R91	51		
368 839 R91	53		
368 839 R91	68		
368 989 R91	51		
368 989 R91	68		
369 908 R1	130		
369 987 R1	30		
369 987 R1	62		
369 987 R1	81		
369 987 R1	121		
369 987 R1	122		
369 987 R1	124		
369 988 R91	31		
369 989 R1	31		
369 989 R1	32		
369 989 R1	75		
371 217 R1	39		
373 577 R91	52		
441 014 R1	99		
495 962 R1	152		
495 962 R1	184		
517 843 R1	40		


S

SS	83	134
SS	83	135
SS	123	134
SS	123	135
ST	202	120
ST	205 A	75
ST	205 A	180
ST	214	118
ST	221	119
ST	262	45
ST	262	46
ST	264	174
ST	264	175
ST	278	120
ST	284	97
ST	285	97
ST	297	119
ST	310 A	78
ST	333	75

NUMERICAL INDEX

PART NUMBER	PAGE	PART NUMBER	PAGE
ST	554	75	
ST	599	97	
ST	649	117	
ST	662	98	
ST	863	177	
ST	970	177	
ST	972	103	
ST	2 045	103	
T			
TP	24	134	
TP	24	135	
	8 521 T	127	
	9 982 T	33	
V			
	22 251 V	187	
	22 259 V	187	
	33 557 V	73	
	33 558 V	88	
W			
W	16 210	146	
Y			
	1 832 YA	16	





**Order 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.

If parts could be manufactured at a lower cost and sold at lower prices without sacrificing quality, this would be done. The right material for the purpose and the knowledge acquired through many years of manufacturing enables International Harvester to produce quality that will not be found in "will fit" parts.