

AVOID ACCIDENTS

Most accidents, whether they occur in industry, on the farm, at home or on the highway, are caused by the failure of some individual to follow simple and fundamental safety rules or precautions. For this reason **MOST ACCIDENTS CAN BE PREVENTED** by recognizing the real cause and doing something about it before the accident occurs.

Regardless of the care used in the design and construction of any type of equipment there are conditions that cannot be completely safeguarded against without interfering with reasonable accessibility and efficient operation.

A careful operator is the best insurance against an accident.
The complete observance of one simple rule would prevent many thousand serious injuries each year.
That rule is:

Never attempt to clean, oil or adjust a machine while it is in motion.

WARNING

On machines having hydraulically, mechanically, and/or cable controlled equipment (such as shovels, loaders, dozers, scrapers, etc.) be certain the equipment is lowered to the ground before servicing, adjusting and/or repairing. If it is necessary to have the hydraulically, mechanically, and/or cable controlled equipment partially or fully raised to gain access to certain items, be sure the equipment is suitably supported by means other than the hydraulic lift cylinders, cable and/or mechanical devices used for controlling the equipment.

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ADDITIONAL PUBLICATIONS AVAILABLE

FOR

MODEL 745 WHEEL LOADER (S/N 1001 up, 96M02050 up, 87L02050 up)

MODEL 745-H WHEEL LOADER (S/N 23C02248 up, 84U02248 up)

Consult your Fiat-Allis Construction Machinery dealer for other publications. See Technical Publications Index (Form 70658800) for all available Publications. Technical Publications Index (Form 70658800) is available FREE from your dealer.

DESCRIPTION	FORM NO.					
	ENGLISH	ESPAÑOL (Spanish)	PORTUGUÊS (Portuguese)	FRANÇAIS (French)	DEUTSCH (German)	ITALIANO (Italian)
<u>Parts Catalogs</u>						
Electrical Components . . . (alternators & starters)	73117960					
Cab Glass	70626019					
Injection Pump:						
Roosa	70685399					
Robert Bosch	(c) 70690916 (d) 70698576					
<u>Operation & Maintenance Instruction Manual</u>						
745 Wheel Loader	73056910	73057558	73057559	73057560		
745-H Wheel Loader . . .	73057885	73057558	73057559	73057560		
<u>Service Manuals</u>						
Axle	73053547	73061828	(a) 73051866	73061841		
Brakes & Air System . .	73067178	73061838	(a) 73052638	73061851		
Bucket & Chassis	73055458	73061830	(a) 73054308	73061843		
Electrical System	(a) 73051888 (b) 73056512	(a) 73053922	(a) 73054307	73061853		
Engine	70645121		70650411	70650412		
Inj. Pump {	73111954					
Roosa	70681649					
Robert Bosch						
Loader Hydraulic System . .	73059681	73061829	(a) 73052636	73061842		
Power Steering System . . .	73055601	73061839	(a) 73100554	73061852		73063290
Trans. & Torque Converter & Charging Pump	(b) 73050386	73052632	(a) 73052633			
Turbocharger	70677064	70678570	70679482	70678727		
Service Manual Set	73058628					

- (a) Model 745 only
- (b) Model 745-H only
- (c) Prior to 11-18336
- (d) Effective with 11-18336

IMPORTANT

All parts listed herein, which have no specific usage indicated, are applicable to all models. Those parts which are used only on specific models are so indicated.

Attaching parts such as bolts, nuts, rivets, screws, washers, etc., are indented immediately following the parts which they attach.

Parts indicated with a square (□) are also available in packaged sets. Refer to section titled "PACKAGED PARTS".

The terms "right" and "left" used throughout this parts catalog are determined by facing the direction of forward travel.

The engine is mounted unconventionally with the flywheel toward the front of the machine, but all engine parts are designated in respect to the engine as it would be installed in a conventional machine with the flywheel to the rear.

INSTRUCTIONS FOR ORDERING PARTS

Order parts from the dealer covering the local territory.

ALWAYS GIVE THE MODEL AND SERIAL NUMBER OF MACHINE. IF PARTS ARE FOR AN ASSEMBLY WHICH HAS A MODEL AND/OR SERIAL NUMBER (SUCH AS ENGINE ASSEMBLY, PUMP ASSEMBLY), ALSO INCLUDE THIS INFORMATION.

To obtain parts promptly, give part name and part number.

Give post office address, town, county and state where parts are to be shipped. Also specify whether material is to be shipped by freight, express or parcel post.

Confirm all telephone or telegraph orders in writing.

Parts for standard motor accessories such as generators and starting motors should be ordered from authorized Service Stations maintained by manufacturers of these units throughout the country.

No credit will be allowed on parts unless they are returned to the dealer from whom they were purchased; from there they will be returned, at the customer's expense, to the factory for inspection.

Unless claims for shortages or errors are made immediately upon receipt of goods, they will not be considered.

When broken goods are received, a full description of the damage should be made by the carrier agent on the freight bill. If this description is insisted upon, full damage can always be collected from the transportation company.

No responsibility is assumed for delay or damage to merchandise while in transit. Our responsibility ceases upon delivery of shipment to the transportation company from whom a receipt is received showing that shipment was in good condition when delivered to them; therefore, claims (if any) should be filed with the transportation company and not with Fiat-Allis

The right is reserved to change the construction or material of any parts where it seems desirable to do so without incurring the obligation of installing such changes on units already delivered.

The information contained herein is general in nature and is not intended for specific application purposes. Fiat-Allis reserves the right to make changes in specifications shown herein or add improvements at any time without notice or obligation.

MODEL IDENTIFICATION

The symbol listed below is stamped in front of the model serial number on each unit.

MODEL SYMBOL	ENGINE MODEL	DESCRIPTION
745 or 745-H	11000	Turbocharged Diesel powered engine, articulated four wheel drive loader unit of "modular" design, equipped with: power shift transmission, torque converter, planetary axles, power steering and power brakes.

RECORD YOUR SERIAL NUMBERS BELOW

NOTE: Refer to pages 11 and 12 for pictorial view.

WHEEL LOADER SERIAL NO. _____

ENGINE SERIAL NO. _____

TRANSMISSION SERIAL NO. _____

AXLE SERIAL NO. _____

SERIAL NUMBER LOCATION

LOADER SERIAL NO: Effective with loader serial no. 1001 thru 1717, 96M02050, 87L02050, 23C02248, and 84U02248 on plate attached to the hydraulic tank bonnet to the left of the operator's seat.
Loader serial no. 1717 thru 02049, stamped on left side of rear frame, under ladder.

ENGINE SERIAL NO: On plate attached to the left hand side of the engine block.

TRANSMISSION SERIAL NO: On plate attached to the left side of the transmission housing.

AXLE SERIAL NO: On plate attached to the axle housing.

MODEL SERIAL NUMBER

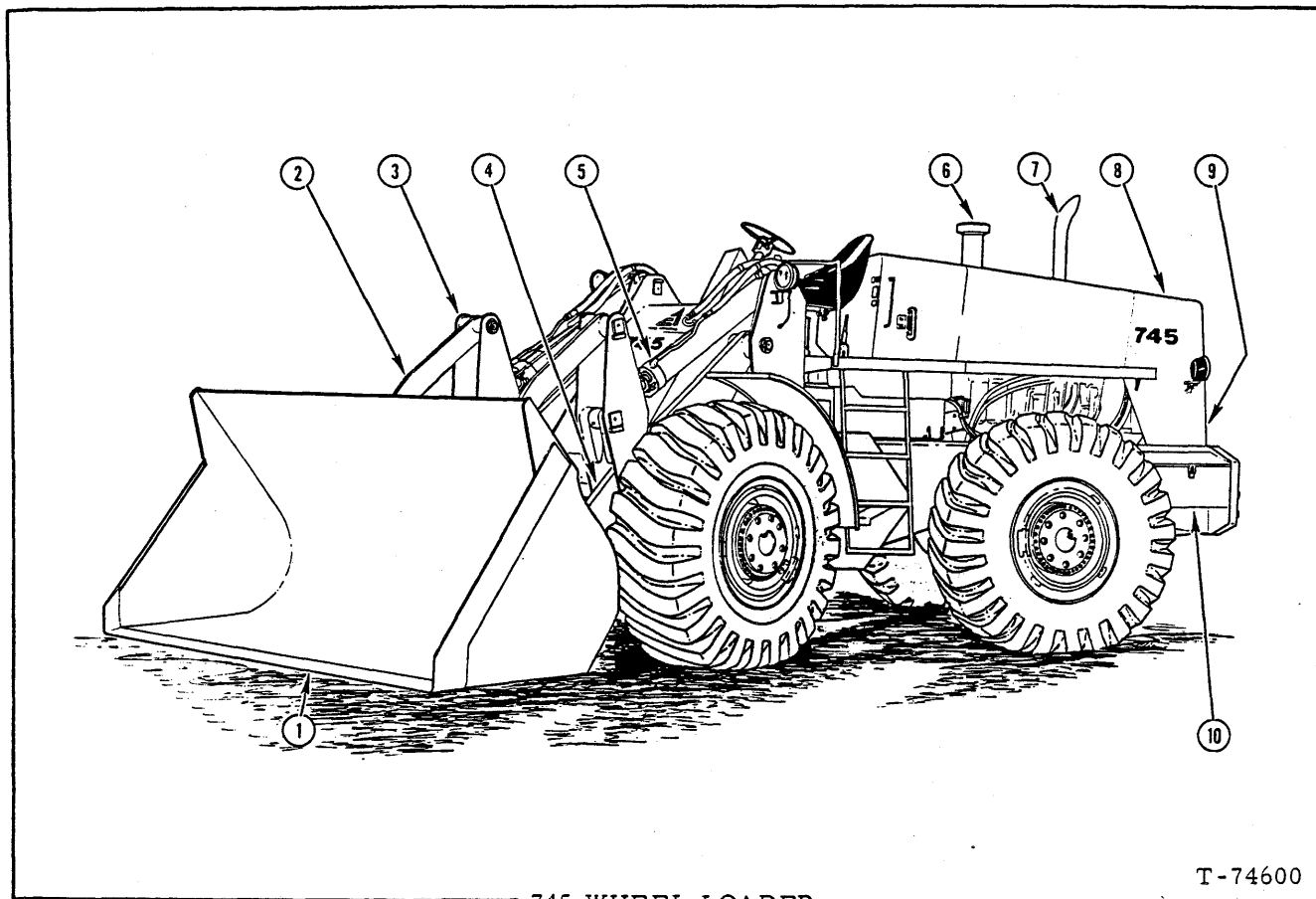
NOTE: Effective in 1969, the model serial numbering system was changed. Under the prior system, models were numbered consecutively in numerals only. Thereafter, models are identified by an 8 character combination of letters and numerals.

***SERIAL NUMBER** consisting of all 8 characters must always be submitted for positive identification of your machine. This Point Cannot Be Overemphasized.

LOADER MODEL	*SERIAL NO.	
	PRODUCT CODE	UNIT NO.
745	9 6 M	0 2 0 5 0
	8 7 L	0 2 0 5 0
745-H	2 3 C	0 2 2 4 8
	8 4 U	0 2 2 4 8

NOTICE: Allis-Chalmers Corporation and FIAT S.p.A. entered into a joint venture agreement to combine their manufacture, sale and service of construction machinery products throughout the world after January 1, 1974.

In view of the new enterprise, wherever in this publication reference is made to Allis-Chalmers or your Allis-Chalmers dealer, such reference is intended to identify FIAT-ALLIS Construction Machinery Inc. or your FIAT-ALLIS dealer

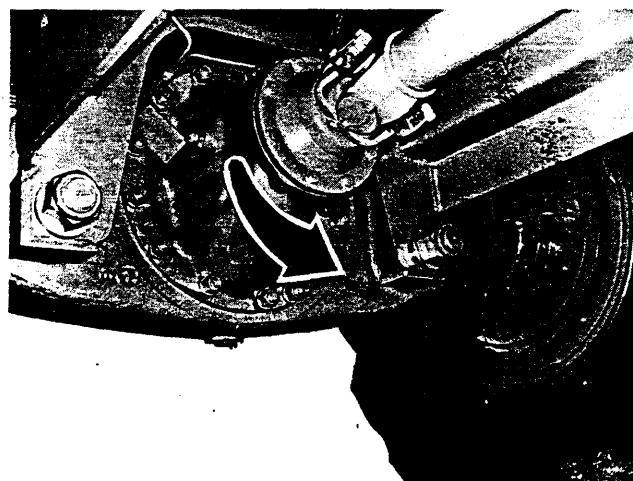


745 WHEEL LOADER

T-74600

- | | | |
|------------------------|----------------------------|---------------------|
| 1. Bucket cutting edge | 5. Dump cylinder | 9. Fuel filler neck |
| 2. Dump link | 6. Air intake | 10. Battery box |
| 3. Cross link | 7. Exhaust stack | |
| 4. Boom | 8. Radiator filler opening | |

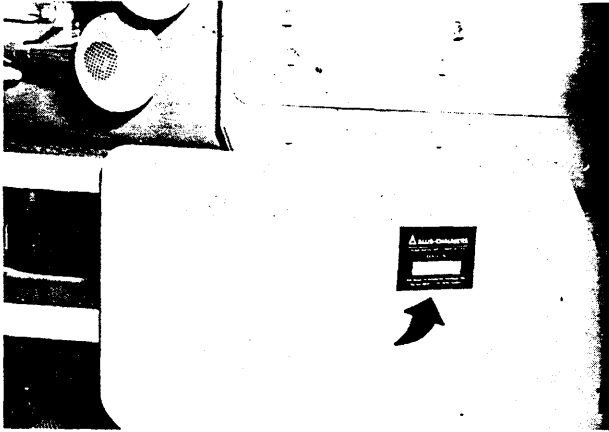
The axle serial numbers are located on the side facing the center of the loader on each axle.



T-74605
AXLE SERIAL NUMBER

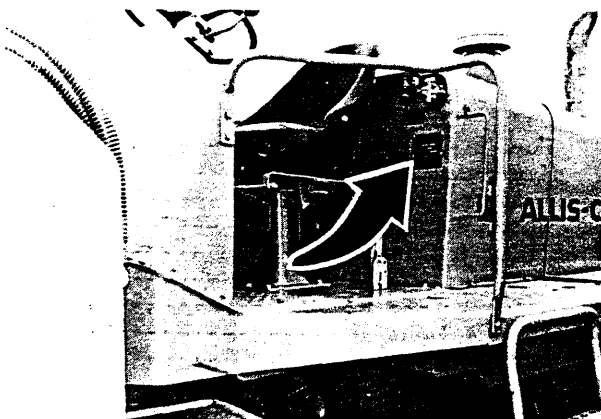
SERIAL NUMBER LOCATIONS

On all part orders and in all correspondence relative to the loader, it is necessary that the loader model and serial number be given. All major components of the loader, (such as engine, transmission, hydraulic pump, hydraulic control valve, power steering pump and axles) have serial numbers which should also be given to properly identify the unit and component. These will assure obtaining the correct replacement parts and/or information.

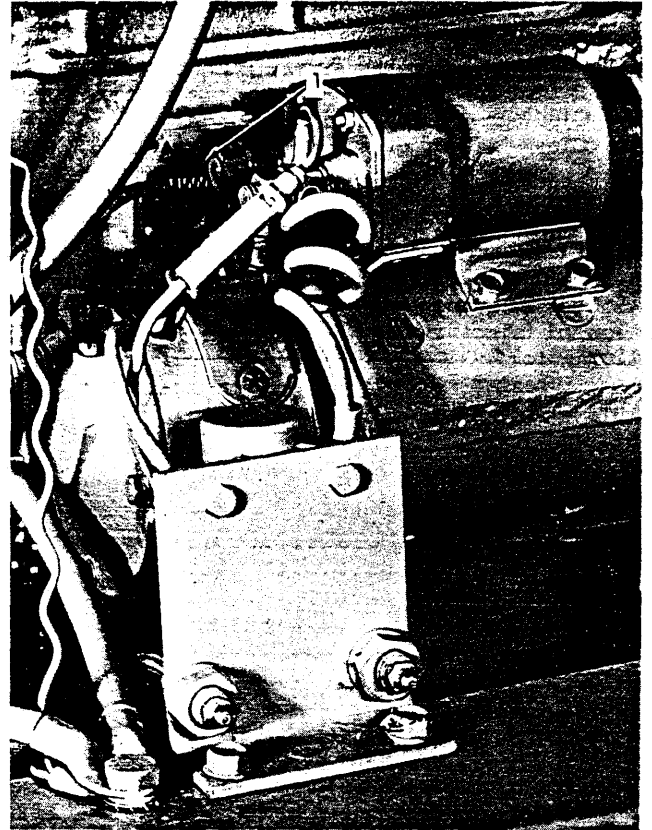


T-75251
LOADER SERIAL NUMBER
(SECOND TYPE)

The loader serial number is located in one of two places depending on date built. It is either located on a nameplate attached to left side of bonnet (Fig. 6) or it is stamped on left side of machine directly behind the ladder.

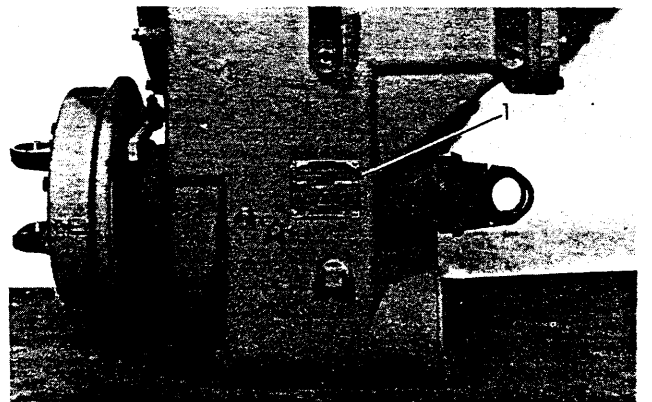


T-74529
LOADER SERIAL NUMBER
(FIRST AND THIRD TYPE)



T-73447
ENGINE SERIAL NUMBER
1. Plate

The engine serial number is located on a nameplate on the right side of the engine block as shown.



T-73448
TRANSMISSION SERIAL NUMBER

1. Transmission serial number plate

The transmission serial number is located on a nameplate on the left side of the housing as shown.

ALPHABETICAL INDEX

A

Accessory Drive ----- 128
 Air Application Valve Assy. ----- 218
 Air Brake System ----- 198
 Air Cleaner----- 79
 Air Cleaner Connection ----- 80, 82
 Air Compressor ----- 227
 Air Horn ----- 197
 Air Horn & Lines ----- 194, 196
 Air Tank Drain Valve ----- 193
 Air Tanks & Lines----- 206, 208, 211
 Alcohol Injector ----- 216
 Alcohol Injector Assy. ----- 217
 Alternator ----- 401, 402, 403
 Axle Housing (Front) ----- 160
 Axle Housing (Rear) ----- 161

B

Batteries & Cables ----- 386
 Battery Covers----- 385
 Boom ----- 376
 Boom Kick Out ----- 282, 284, 286, 290
 Brake Air Lines ----- 198, 202, 204
 Brake Assy. ----- 169, 172, 175
 Brake Assy., parking ----- 177
 Brake Hydraulic Lines-182, 184, 186, 188, 190
 Bonnet ----- 368, 370
 Bucket Assy.----- 378
 Bucket (Multi-Purpose 4 in 1) ----- 379
 Bucket Cylinder Assy. ----- 383
 Bucket Hydraulics ----- 381
 Bucket Indicator ----- 294
 Bucket Leveler ----- 295, 297, 300, 304
 Bucket Level Position Indicator ----- 293

C

Cab ----- 423
 Heater ----- 444a
 Cab & Wiper Assy. ----- 425
 Door Assy. ----- 427, 429
 Rear Window Assy. ----- 431
 Wiper Group----- 434, 435, 437, 438, 439
 Camshaft ----- 28
 Canopy ----- 433
 Charging Oil Pump ----- 134
 Clutch Cut-Off Valve ----- 191
 Cold Weather Starting ----- 78
 Compressor Group ----- 227
 Crankcase ----- 231
 Cylinder Block ----- 229
 Cylinder Head ----- 232
 Controls:
 Bucket & Boom -- 345, 347, 349, 351, 353
 Engine ----- 76, 77
 Parking Brake ----- 180
 Rear Axle Disconnect ----- 137
 Transmission ----- 140
 Control Valve,
 Hydraulic ----- 316, 322, 328, 334, 340
 Control Valve, Transmission ----- 135
 Coolant Filter & Lines ----- 94
 Counterweight ----- 363
 Cowl, Floor Plate & Platform ----- 364

Crankshaft ----- 19
 Crankshaft Pulley ----- 22
 Cross Links ----- 376
 Cylinders:
 Bucket, multi-purpose ----- 383
 Dump ----- 272, 274
 Lift ----- 278, 280
 Master ----- 221, 223, 225
 Steering ----- 242, 244
 Wheel ----- 169, 172, 175
 Cylinder Block ----- 16
 Cylinder Head ----- 24

D

Dash Light ----- 415
 Defroster----- 441
 Defroster Fan Assy. ----- 420a
 Demand Valve ----- 251, 252
 Differential Carrier Assy. ----- 152, 156
 Differential No-Spin ----- 159
 Dipstick, oil ----- 35, 36
 Drain Valve (Air Tank) ----- 193
 Drive Shaft, Front ----- 149
 Drive Shaft, Rear ----- 151
 Dump Cylinder ----- 272
 Dump Cylinder Piping ----- 270
 Dump Links ----- 376
 Door Assy. ----- 427, 429
 Drawbar ----- 360

E

Electrical System--389, 391, 393, 395, 397
 Emergency Brake Control ----- 215
 Emergency Control Valve ----- 214
 Engine Controls ----- 76, 77
 Engine & Mounting ----- 15
 Engine Shut-Off ----- 76, 77
 Exhaust Manifold ----- 50

F

Fan----- 97
 Fan Hub Assy. ----- 98, 98a
 Fenders ----- 366, 368, 370
 Filters:
 Engine Oil ----- 44a, 46
 Fuel ----- 51, 52
 Hydraulic Tank ----- 310, 312
 Transmission Oil ----- 143, 144
 Water Coolant ----- 96
 Flex Disc & Converter Drive ----- 104
 Flood Light ----- 416
 Floor Plate ----- 364
 Flywheel & Housing ----- 30, 32
 Forward Clutch & Planetary ----- 115, 117
 Frame ----- 361
 Frame Guard ----- 356, 358
 Front Axle Housing ----- 160
 Front Brake Hydraulic Lines----- 182, 184
 Front Piping ----- 308
 Fuel Filter ----- 51, 52
 Fuel Injection Nozzle ----- 60, 61
 Fuel Injection Return Lines--- 70, 72, 74

ALPHABETICAL INDEX

Fuel Injection Pump ----- 62, 63, 64
 Fuel Tank & Lines ----- 53, 54, 56

G

Gauges ----- 413
 Generator ----- 400
 Governor ----- 233

H

Head Light ----- 416
 Heat Exchangers ----- 48
 Heater & Defroster ----- 441, 443
 High Range Clutch ----- 130
 High Range Clutch & Transfer Drive 123, 125
 Hood ----- 368, 370
 Horn ----- 197
 Hose Parts ----- 9, 10
 Hour Meter ----- 18
 Hyd. Controls ----- 345, 347, 349, 351, 353
 Hyd. Control Valve-- 316, 322, 328, 334, 340
 Hyd. Brake Lines --- 182, 184, 186, 188, 190
 Hyd. Oil Cooler ----- 314
 Hyd. Piping ----- 234, 235, 237
 Hyd. Pump Assy. ----- 268
 Hyd. Pump & Valve Piping ----- 265
 Hyd. Tank ----- 310, 312

I

Injection Nozzle----- 60, 61
 Injection Nozzle & Lines ----- 66, 68
 Injection Pump ----- 62, 63, 64
 Injection Return Lines ----- 70, 72, 74
 Instrument Panel Cover ----- 418
 Instrument Panel & Elec. Components -- 411
 Instrument Panel & Gauges ----- 413
 Instrument Panel & Wires ----- 409
 Instrument Panel & Wiring --- 404, 406, 419
 Intake Manifold ----- 50

L

Ladder, Hand Rails & Fenders ----- 366
 Lift Cylinder ----- 278, 280
 Lift Cylinder Piping ----- 276
 Light Assy. ----- 416
 Lights & Wiring ----- 389
 Linkage Group ----- 376
 Low Range Clutch & Transfer Drive --- 127
 Lube Oil Filter ----- 46

M

Manifolds;
 Exhaust ----- 50
 Intake ----- 50
 Master Cylinder Assy. ----- 221, 224, 225
 Muffler ----- 88
 Multi Purpose Bucket (4 in 1) ----- 379
 Multi Purpose Bucket Hydraulics ----- 381

N

No-Spin Differential ----- 159
 Nozzle Holder Assy. ----- 60, 61
 Numerical Index ----- 448

O

Oil Cooler (exchanger) ----- 48
 Oil Cooler, hydraulic ----- 314
 Oil Filter, engine ----- 46
 Oil Pan ----- 35, 36
 Oil Pump ----- 38, 42
 Output Shaft & Axle Disconnect ----- 132

P

Packaged Parts ----- 11 - 14
 Painting & Marking ----- 447
 Parking Brake Assy.----- 177
 Parking Brake Control ----- 180
 Platform ----- 364
 Piston & Connecting Rod ----- 21
 Pivot Pin (Hitch King) ----- 361
 Primer Pump & Lines ----- 58
 Primer Starting System ----- 78
 Power Cluster ----- 221, 223, 225
 Pump:
 Engine Oil ----- 38, 42
 Fuel Injection ----- 62, 63, 64
 Hydraulic ----- 368
 Steering ----- 247, 249, 250
 Transmission Oil ----- 134
 Water ----- 90

R

Radiator ----- 99, 102
 Radiator & Fan Guard ----- 101
 Radiator Support, Hood, & Fenders -368, 270
 Rear Axle Disconnect ----- 137
 Rear Axle Disconnect Controls ----- 137
 Rear Axle Housing ----- 161
 Rear Brake Hydraulic Lines-- 186, 188, 190
 Rear Output Group ----- 132
 Rear Panel Assy. ----- 432
 Regulator ----- 391, 393, 396, 399
 Reverse Clutch & Planetary ----- 119, 121

S

Safety Locking Bar ----- 361
 Seat Belt ----- 373
 Seat & Mounting ----- 374, 375
 Shaft & Hub ----- 163, 166
 Side Panels ----- 372
 Starter ----- 388
 Starting Primer System ----- 78
 Steering Cylinder ----- 234, 242
 Steering Gear Assy. ----- 263
 Steering Gear Linkage ----- 252
 Steering Hydraulics ---- 234, 235, 237, 239

ALPHABETICAL INDEX

Steering Pump Demand Valve & Lines-335,	239
Steering Valve -----	260
Strainer & Magnet -----	311, 313

T

Tail Light Assy. -----	417
Thermostat & Housing -----	93
Timing Gear Housing -----	33
Throttle Pedal -----	89
Tools -----	445
Transmission -----	103
Control Valve -----	135
Cooling Lines -----	147
Filter -----	143, 144
Oil Pump -----	134
Shift Control -----	140
Transmission Housing & Cover -----	111, 113
Torque Converter -----	105
Torque Converter Housing -----	107
Turbine Drive Gear & Freewheel Unit ----	109
Turn Signals -----	421
Turbocharger -----	86
Turbocharger Connections -----	84

U

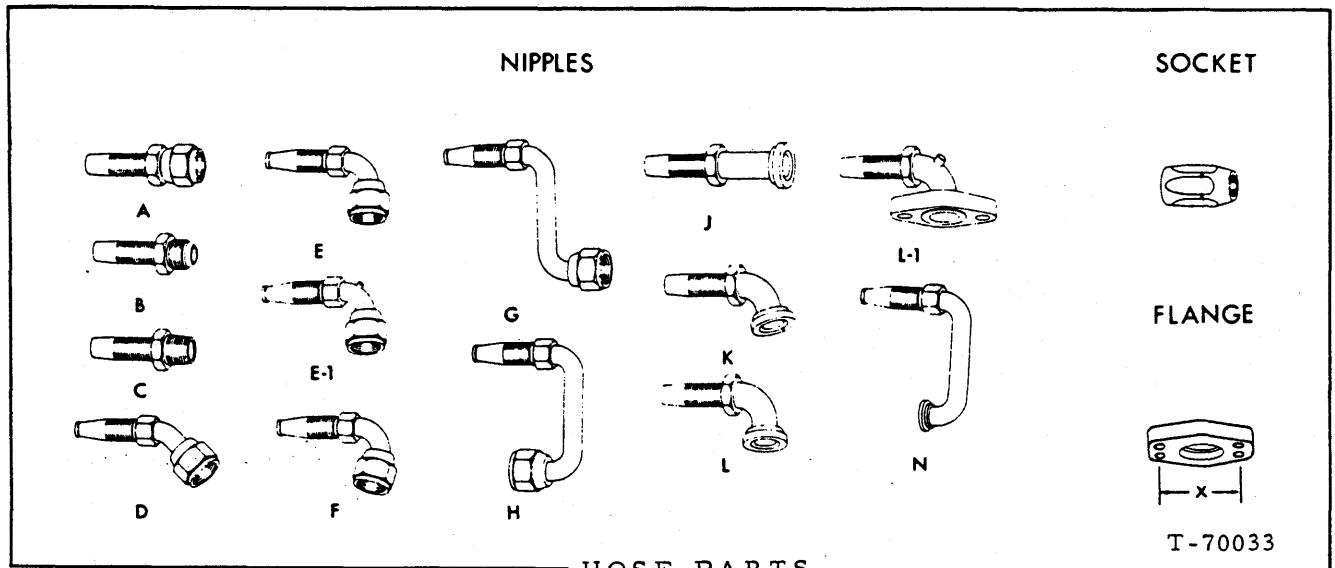
Undercarriage Guard Group -----	356, 358
Universal Joint Cartridge & Support -----	149

V

Valve:	
Air Application -----	218
Air Horn -----	197
Air Tank (Drain) -----	193
Clutch Cut-Off -----	191
Demand -----	251, 252
Hydraulic Control- - 316, 322, 328, 334,	340
Steering -----	256
Transmission Control -----	135
Valve Levers -----	345, 347, 349, 351, 353
Valve Operating Mechanism -----	28

W

Water Filter -----	96
Water Outlet Manifold -----	92
Water Pump -----	90
Wheel Cylinder Assy. -----	169, 172, 175
Wheel Group -----	383
Window Assy. -----	431
Wiper Group -----	435, 437, 438
Wiper Group (ROPS) -----	439



NOTE: Refer to left hand column for identity of original hose. Hose is crimped-type (fitting not re-usable) unless otherwise noted. Equivalent hose assembly may be constructed from data indicated.

ORIGINAL HOSE ASSY NUMBER (See NOTE)	BULK HOSE (25' roll)	HOSE LENGTH (inches)	NIPPLE (# 1 end)			NIPPLE (# 2 end)			SOCKET (both ends)
			Including SOCKET	NIPPLE only		Including SOCKET	NIPPLE only		
73046773	70920795	13-1/4	70920953	70923251	E	70920945	70922831	A	70920973
73104884	70920795	15-3/4	70921885	70923263	L		70922831	A	70920973
73050092	70920795	36-3/4	70920946	70922832	A	70920946	70922832	A	70920986
* 73048117	70920795	38-3/4	70920953	70923251	E-I	70920945	70922831	A	70920973
* 73045542	70920795	41-3/4	70921885	70923263	L	70921885	70923263	L	70920973
* 73045543	70920795	41-3/4	70921885	70923263	L	70921885	70923263	L	70920973
* 73045520	70920795	44-1/4	70921885	70923263	L	70921885	70923263	L	70920973
* 73048016	70920795	44-1/4	70921885	70923263	L				70920973
73051704	70920795	47-1/4	70920945	70922831	A	70920945	70922831	A	70920973
* 73046772	70922355	34-3/4	70920952	70923186	E	70920944	70920978	A	70920972
* 73046776	70922355	46	70920944	70920978	A	70920944	70920978	A	70920972
73106145	70920728	48-3/4	70920875	70920232	E	70921033	70921034	A	70919282
73050578	70920728	52-1/2	70920868	70920144	E		73100701	E	70919282
73104969	70920728	61-1/2	70921033	70921034	A	70920868	70920144	E	70919282
73106263	70920728	78-1/4	70921033	70921034	A	70921033	70921034	A	70919282
73106262	70920728	89-3/4	70920868	70920144	E	70921033	70921034	A	70919282
74338313	70919821	6-1/2	70920902	70921226	A		70920513	E	70919820
74320656	70919821	9-1/2	70920902	70921226	A	70928085	70920513	E	70919820
74338312	70919821	13-3/4	70920902	70921226	A		70920513	E	70919820
74359714	70928123	5-7/8	70920850	70920303	A	70920865	70919081	E	70919076
74359704	70928123	14	70920850	70920303	A	70920865	70919081	E	70919076
73104321	70920221	20-3/4	70920852	70920344	A	70920867	70919277	E	70919281
73104763	70920221	24-3/4	70920852	70920344	A	70920867	70919277	E	70919281
74359751	70928121	8-5/8	70920848	70920530	A	70920863	70920155	E	70919768

(continued)

PACKAGED PARTS

PACKAGE NO.

DESCRIPTION

73048031

SEAL AND GASKET KIT, model TT transmission (2-speed forward, 1-reverse)(Used prior to transmission S/N 5391)

1	70194585	RING, seal	
2	70194679	SEAL, oil	
2	70924944	NUT, output shaft	
1	73021053	SEAL, oil	
1	73067517	GASKET, oil strainer	
1	73021058	RING, seal, plug	
1	73026156	SEAL, oil, oil pump	
1	73031847	CUP, clutch cut-off	
1	73035714	RING, seal, high clutch hub	
1	73035745	RING, seal	
1	73042138	SEAL KIT (Includes expander)	
1	73042151	SEAL KIT (Includes expander)	
1	73044386	GASKET, oil pump	
1	73044400	RING, seal, oil suction tube	
1	73044402	GASKET, cover, oil pump	
2	73044474	GASKET, plug	
1	73044485	GASKET, plug	
2	73044489	GASKET, plug, detent	
6	73046029	STRIP, locking, high clutch	
2	73070598	RING, seal	
1	73047698	GASKET, housing	
2	73047701	SEAL KIT (Includes expander)	
1	73047720	SEAL KIT (Includes expander)	
2	73047724	RING, seal	
1	73047741	GASKET, cover	
1	73048425	GASKET, converter housing	
1	73048782	GASKET, control valve	
24	73021041	NUT	
1	-----	GASKET (#552868)	} Not 745 or 745-H Discard
1	-----	GASKET (#3224773)	
1	-----	SEAL, oil (#6868417)	
2	-----	SEAL, oil (#6752035)	
1	-----	GASKET (#6775819)	
1	73059130	O-RING	
1	73063376	SEAL, oil, range selector	

73062091

SEAL AND GASKET KIT, model TT transmission (2-speed forward, 1-reverse)(Effective with transmission S/N 5391)

1	70194585	RING	
2	70194679	SEAL	
2	70924944	NUT	
24	73021041	NUT	
1	73021053	SEAL	
1	73067517	GASKET	
1	73021058	RING	
1	73026156	SEAL	
1	73031847	CUP	
1	73035714	RING	
1	73035745	RING	
1	73042151	SEAL KIT (Includes expander)	
2	73044474	GASKET	
1	73044485	GASKET	
2	73044489	GASKET	
6	73046029	STRIP	
2	73070598	RING	
1	73047698	GASKET	
1	73047724	RING	
1	73047741	GASKET	
1	73048425	GASKET	
1	73048782	GASKET	
1	73058793	RING, seal	

(Continued)

PACKAGED PARTS

PACKAGE NO.	DESCRIPTION
73062091 (Continued)	SEAL AND GASKET KIT, model TT transmission (2-speed forward, 1-reverse)(Effective with transmission S/N 5391)
	1 73062025 RING, seal
	1 73062026 RING, seal
	2 73062027 RING, seal
	1 73062031 GASKET
	1 73062032 GASKET
	2 73062043 O-RING
	1 73062051 RING, seal
	1 73062067 RING, seal
	1 73063376 SEAL
	1 73063379 WASHER, seal
	1 73069421 GASKET, sump cover
73048032	SEAL AND GASKET KIT, model TRT transmission (2-speed forward, 2-speed reverse)
	1 70194585 RING, seal
	2 70194679 SEAL, oil
	2 70924944 NUT, output shaft
	1 73021053 SEAL, oil
	1 73067517 GASKET, oil strainer
	1 73021058 RING, seal
	1 73026156 SEAL, oil
	1 73031847 CUP
	1 73035714 RING, seal, low clutch piston
	1 73035745 RING, seal
	1 73042138 SEAL KIT (Includes expander)
	1 73042147 RING, seal, low clutch piston
	1 73044386 GASKET, pump body
	1 73044400 RING, seal
	1 73044402 GASKET, oil pump cover
	3 73044474 GASKET
	1 73059130 O-RING
	1 73044485 GASKET, plug
	1 73044489 GASKET, plug
	2 73070598 RING, seal
	1 73047698 GASKET
	3 73047701 SEAL KIT (Includes expander)
	1 73047720 SEAL KIT (Includes expander)
	2 73047724 RING, seal, forward clutch
	1 73047741 GASKET, rear cover
	1 73047811 SEAL KIT (Includes expander)
	1 73048425 GASKET, converter housing
	1 73048842 GASKET, valve body
	24 73021041 NUT
	1 73063376 SEAL, oil
	1 ----- GASKET (#552868)
	1 ----- GASKET (#3224773)
	1 ----- SEAL, oil (#6768417)
	1 ----- SEAL, oil (#6752035)
	1 ----- GASKET, (#6775819)
	} Not 745 - Discard
-----	REPAIR KIT (lift cylinder)(See page 279 or 281)
-----	REPAIR KIT (dump cylinder)(See page 273 or 275)
-----	REPAIR KIT (steering cylinder)(See page 243 or 246)
73048844	DECAL KIT (See page 447)
74359410	GASKET KIT, cylinder head
	4 70923574 O-RING, water by-pass tube
	4 70923813 O-RING, connector tube
	1 74300145 GASKET, water outlet manifold
	2 74336148 GASKET, rocker cover
	4 74336182 GASKET, water manifold
	1 74336263 GASKET, thermostat housing
	1 74336266 GASKET, engine water outlet elbow

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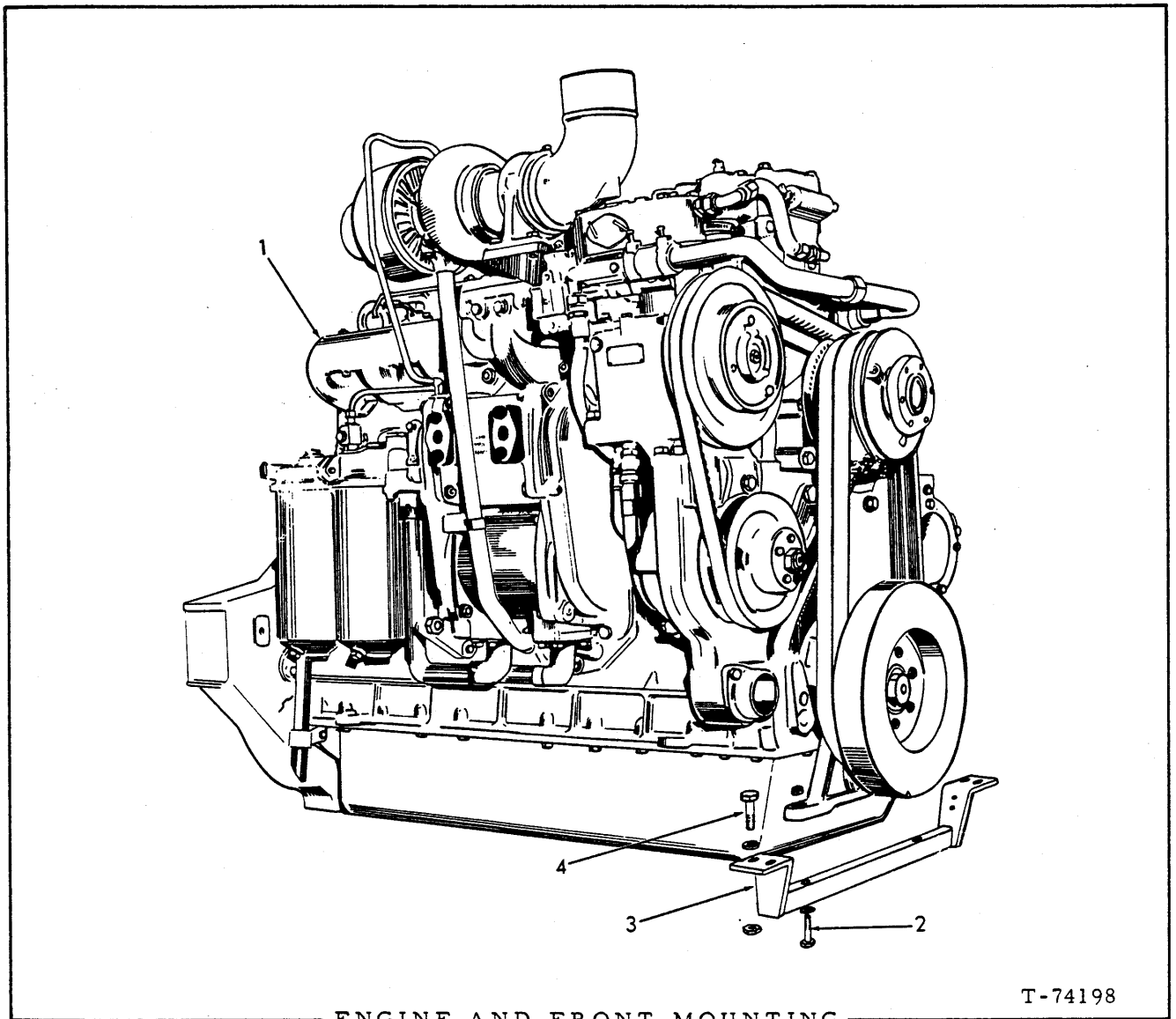
PACKAGED PARTS

PACKAGE NO.	DESCRIPTION
74359410 (Continued)	GASKET KIT, cylinder head
	2 74337764 GASKET, valve lifter cover
	6 74359355 GASKET, exhaust manifold
	6 74346138 GASKET, intake manifold
	2 74348133 GASKET, breather tube
	1 74359029 GASKET ASSY., rear cylinder head (Includes 3 fire rings)
	1 74359030 GASKET ASSY., front cylinder head (Includes 3 fire rings)
	6 74378031 GASKET, injection nozzle
	1 74300145 GASKET, water outlet elbow
74357677	RING KIT, piston, engine (See PISTON AND CONNECTING ROD)
74358696	GASKET KIT, intermediate, cylinder block
	2 70923376 O-RING, flywheel housing
	8 70923574 O-RING, heat exchanger tube
	2 70923813 O-RING, heat exchanger elbow
	1 70923816 O-RING (Not used - Discard)
	1 70923820 O-RING, injection pump drive cover
	1 70924139 O-RING, injection pump mounting cover
	1 74335056 GASKET, water pump volute
	1 74336676 GASKET, timing hole cover
	1 74336897 RING, sealing, flywheel housing to crankcase
	1 74339118 GASKET, oil filter outlet flange
	1 74339123 GASKET, filter, intermediate head connecting
	1 74339128 GASKET, filter head
	1 74339150 GASKET, filter head to block
	1 74339151 GASKET, oil line elbow
	1 74346169 GASKET, oil pipe
	1 74346456 GASKET, water inlet pipe
	1 74346744 GASKET, water pump
	1 74347031 GASKET, water by-pass flange
	1 74348136 GASKET, timing gear housing
	1 74348184 GASKET, filter head to block
	1 74348185 GASKET, heat exchanger front cover
	1 74348218 GASKET, oil pipe
	1 74354163 GASKET, timing gear cover
74359603	PISTON AND SLEEVE KIT (Used prior to engine S/N 11-18403)
	1 74359870 O-RING
	2 74255465 RETAINER, piston pin
	2 74337972 RING, sealing, cylinder sleeve
	1 74354720 SLEEVE, cylinder
	1 74354778 PIN, piston
	1 74357677 RING SET, piston
	1 74358745 PISTON
	1 74359869 O-RING
	1 ----- INSTRUCTION SHEET
74359756	PISTON AND SLEEVE KIT (Effective with engine S/N 11-18403)
	2 74255465 RETAINER, piston pin
	74337972 RING, sealing, cylinder sleeve
	1 74354778 PIN, piston
	1 74359360 PISTON
	1 74359365 SLEEVE, cylinder
	1 74359869 O-RING, sealing, cylinder sleeve
	1 74359757 RING SET, piston

(Continued)

PACKAGED PARTS

PAGE NO.	DESCRIPTION
447	DECAL KIT
178	LINING KIT, parking brake
171, 174, 176	LINING KIT, service brakes
220, 224, 226	REPAIR KIT, air application valve
209, 212	REPAIR KIT, air tank check valve
217	REPAIR KIT, alcohol injector
288	REPAIR KIT, automatic boom kick-out
273, 275	REPAIR KIT, dump cylinder
269	REPAIR KIT, hydraulic pump
279, 281	REPAIR KIT, lift cylinder
301, 305	REPAIR KIT, master cylinder
220, 224, 226	REPAIR KIT, power cluster
302, 306	REPAIR KIT, slave cylinder
243, 246	REPAIR KIT, steering cylinder
169, 172, 175	REPAIR KIT, wheel cylinder
21	RING SET, piston

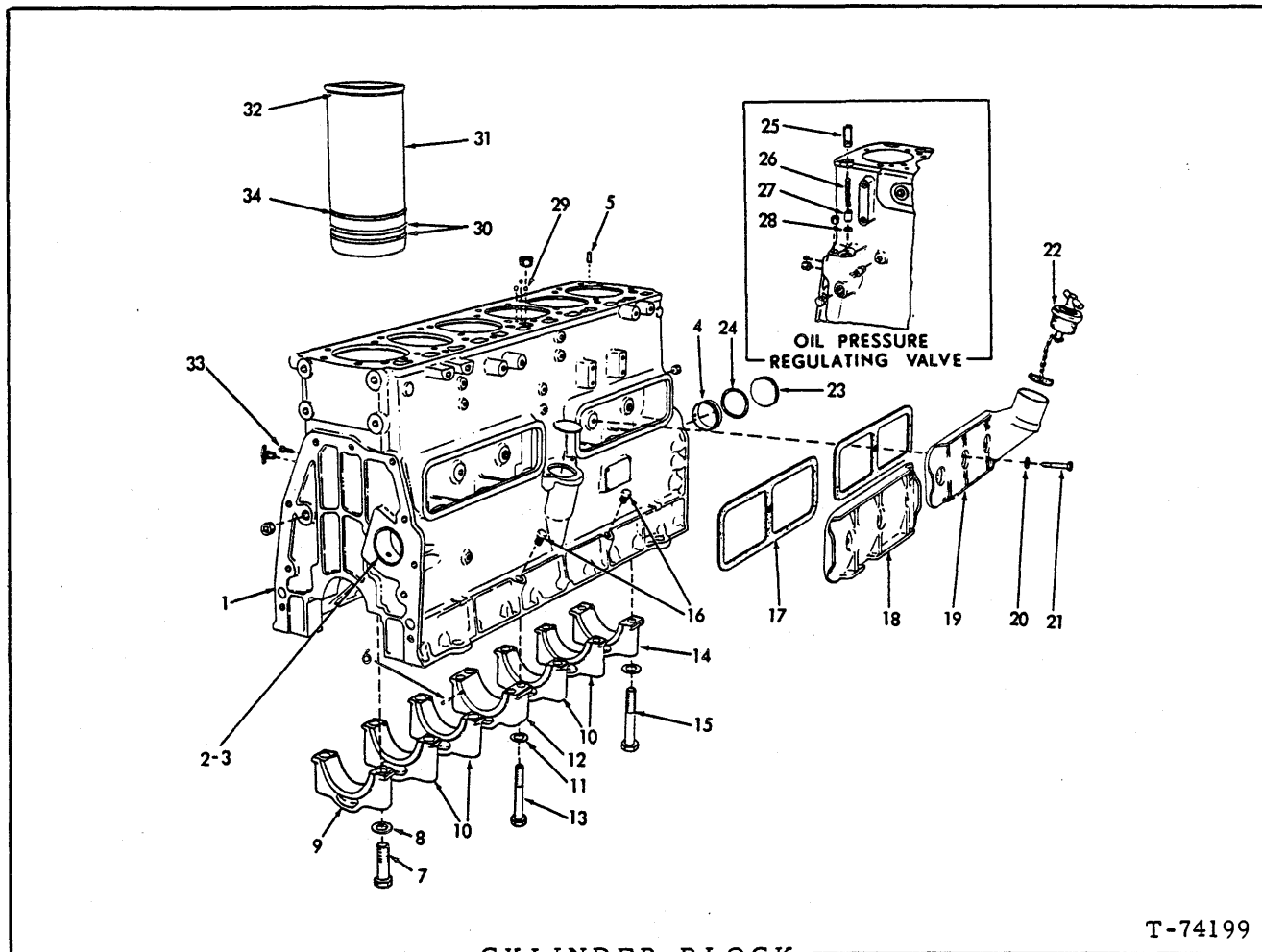


T-74198

ENGINE AND FRONT MOUNTING

ITEM	PART NO.	QTY.	DESCRIPTION
1	74359477	1	ENGINE ASSY., model 11000 (Less air cleaner, fan, starter and alternator)(Used prior to engine serial no. 11-18336)
	74359737	1	ENGINE ASSY., model 11000 (Less air cleaner, fan, starter and alternator)(Effective with engine serial no. 11-19119 including serial no. 11-18336 thru 11-18779, 11-18806, 11-18944, 11-19053 11-19059, 11-19077 and 11-19079)
	74320626	1	ENGINE ASSY., model 11000 (Less air cleaner, fan, starter and alternator)(Used with engine serial no. 11-18780 thru 11-19118 excluding 11-18806, 11-18944, 11-19053, 11-19059, 11-19077 and 11-19079)
2	70916414	2	CAPSCREW, 5/8" NF x 5-3/4"
	70916589	2	NUT, elastic stop, 5/8" NF
3	73047510	1	BRACKET (Front)
4	70927603	4	CAPSCREW, 5/8" NF x 3"
	73026289	8	WASHER, plain, special
	70916589	4	NUT, elastic stop, 5/8" NF

NOTE: For rear engine MOUNT, see TRANSMISSION HOSES



CYLINDER BLOCK

ITEM	PART NO.	QTY.	DESCRIPTION
1	74320943	1	BLOCK ASSY. (Includes items 2 thru 4, 7 thru 15, 28, 29 and hardware indented below)
	70910017	1	PLUG, 2-3/8" diam.
	70919134	3	PLUG, 1/8"NPT
	70920333	1	PLUG, 3/8"NPT
	70904223	2	PLUG, 1/2"NPT
	70920416	1	PLUG, 1/2"NPT
	70918851	1	PLUG, 3/4"NPT
	70918888	1	PLUG, 1"NPT (Replacement block only)
	70912415	2	COCK, 1/4"NPT
	70918887	1	PLUG, 3/8"NPT
	70917673	1	PLUG, 1/8"NPT
2	{ 74346100	1	BEARING, (Std. size)(front)
	{ 74347416	1	BEARING, (.010" undersize)(front)
3	{ 74346099	2	BEARING, (Std. size)(intermediate)
	{ 74347419	2	BEARING, (.010" undersize)(intermediate)
4	{ 74320592	1	BEARING (Std. size)
	{ 74347413	1	BEARING (.010" undersize)
5	74336432	4	PIN
6	74250898	4	PIN
7	74339037	2	CAPSCREW, 3/4"NC x 3-15/16"

(Continued)

CYLINDER BLOCK (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
8	74354175	12	WASHER
9	74349630	1	CAP (See NOTE)
10	74349632	4	CAP (See NOTE)
11	74391160	4	WASHER
12	74349629	1	CAP (See NOTE)
13	74339038	4	CAPSCREW, 5/8"NC x 3-13/16"
14	74349631	1	CAP (See NOTE)
15	74339036	10	CAPSCREW, 3/4"NC x 4-5/16"
16	74362338	1	PLUG
17	74337764	2	□GASKET
18	74354635	1	COVER (Used prior to engine S/N 11-18355)
	74359668	1	COVER (Effective with engine S/N 11-18355)
19	74338674	1	COVER
20	74335456	3	WASHER (6 used prior to engine serial No. 11-18336)
21	74335455	3	BOLT (6 used prior to engine serial No. 11-18336)
	74359683	3	BOLT (Effective with engine serial No. 11-18336)
22	74354449	1	CLOSURE ASSY. (Includes Chain and Strainer - serviced only as a unit)
23	74335534	1	PLUG
24	70923815	1	□O-RING, camshaft hole plug
25	74389058	1	SCREW
	70910847	1	NUT, 3/4"NF
26	74660358	1	SPRING
27	74500230	1	PISTON
28	74507673	1	INSERT
29	74347061	1	RESTRICTOR
30	74337972	6	□O-RING
	74359870	6	□O-RING
31	74359365	6	□SLEEVE (prior to s/n 11-16980 also order O-RING indented below)
	74359586	6	O-RING
32	74348857	-	SHIM (.005" thick)
	74348856	-	SHIM (.008" thick)
	74348859	-	SHIM (.010" thick)
	74348858	-	SHIM (.015" thick)
	74348900	-	SHIM (.020" thick)
33	74335777	2	CAPSCREW, 3/8"NC x 3/4"
34	74359869	6	□O-RING

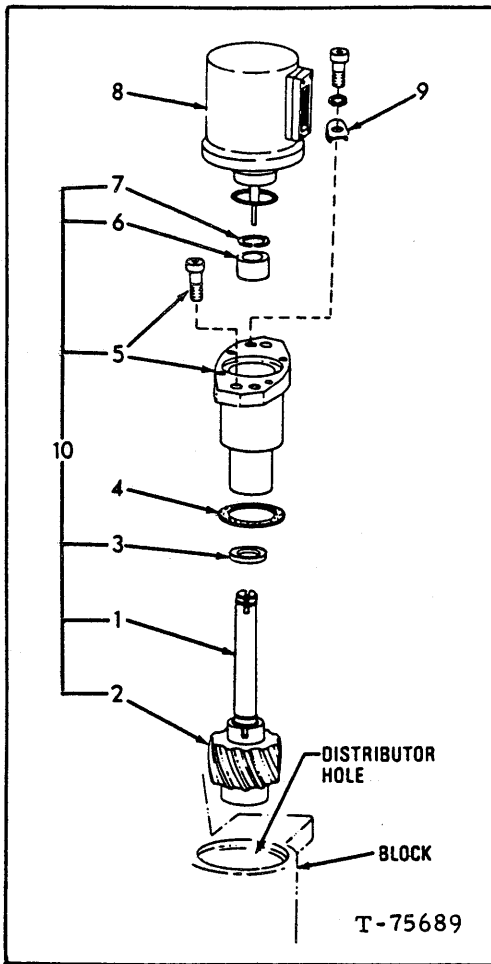
Use as required when reworking cylinder blocks

NOTE: Replacement bearing caps are semi-finished and must be line-bored after installing

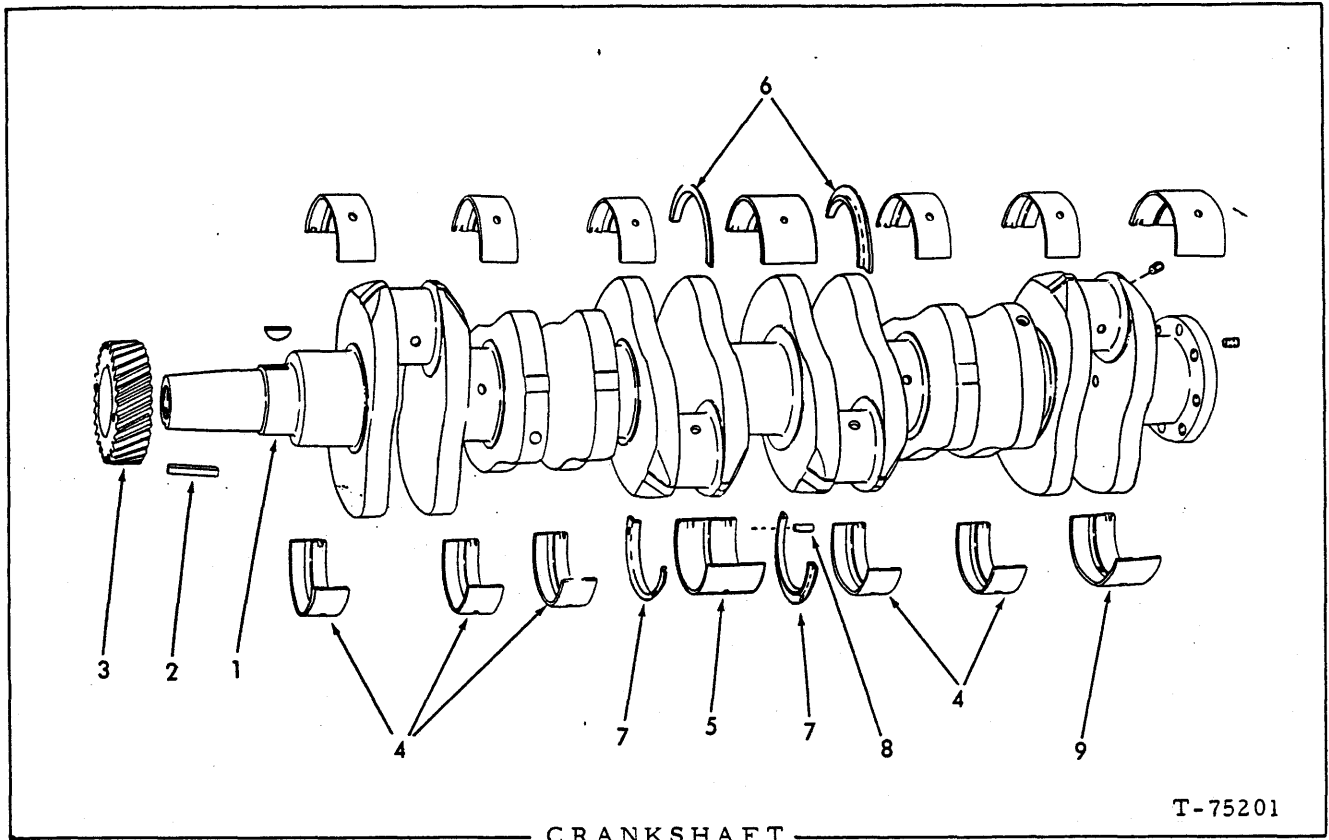
□(Also see PACKAGED PARTS)

HOUR METER

USAGE: Effective with engine serial no. 11-17383



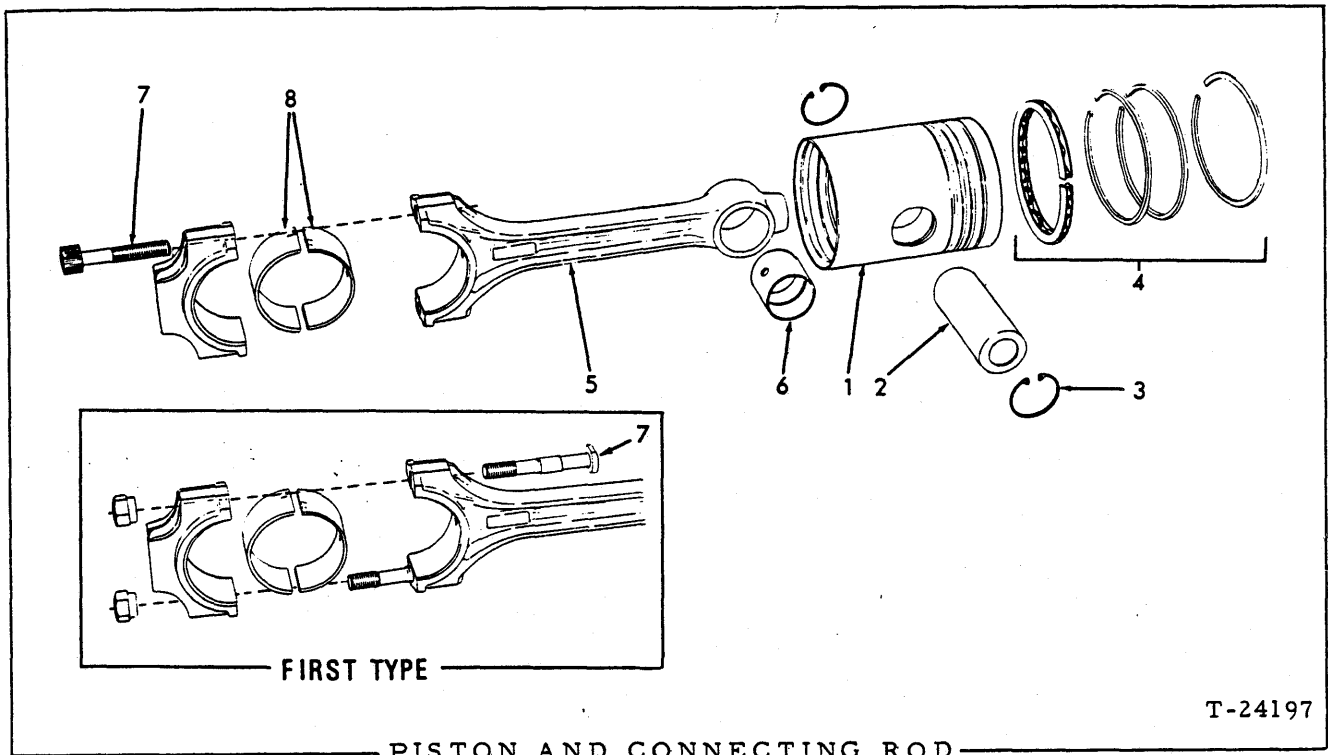
ITEM	PART NO.	QTY.	DESCRIPTION
1	74359271	1	SHAFT ASSY.
2	74660408	1	GEAR
3	74359308	1	BEARING, thrust
4	74253773	1	GASKET
5	-----	1	HOUSING, hour meter (Order item 10)
	74359231	2	SCREW, skt. -hd., 3/8" NC x 2-1/4"
6	74255962	1	BUSHING
7	74255961	1	RING, retaining
8	74359290 70923934	1 1	METER, hour O-RING, sealing
9	74359293 74027687 70904204	2 2 2	CLAMP, hour meter CAPSCREW (Special) LOCKWASHER, 1/4"
10	74359237	1	ADAPTER ASSY., hour meter (Includes one housing and items 1, 2, 3, 6 and 7)



ITEM	PART NO.	QTY.	DESCRIPTION
1	74359876	1	CRANKSHAFT ASSY. (Includes 1 PLUG 70919840 and instruction sheet)
	70917673	6	PLUG, pipe, hex-socket, 1/8" NPT (Used prior to engine serial No. 11-14418)
	70919840	1	PLUG, pipe, hex-hd., 1/4" NPT.
2	74003490	1	KEY, crankshaft pulley (Used prior to engine serial No. 11-16619)
3	74359278	1	GEAR, crankshaft
	70905127	1	KEY, "B" woodruff, 5/16" x 1"
4	74337710	10	BEARING, front and intermediate main (standard size)
	74337711	10	BEARING, front and intermediate main (.010" undersize)
	74337712	10	BEARING, front and intermediate main (.020" undersize)
	74337713	10	BEARING, front and intermediate main (.030" undersize)
	74337714	10	BEARING, front and intermediate main (.040" undersize)
5	74348991	2	BEARING, center main (standard size)
	74348992	2	BEARING, center main (.010" undersize)
	74348993	2	BEARING, center main (.020" undersize)
	74348994	2	BEARING, center main (.030" undersize)
	74348995	2	BEARING, center main (.040" undersize)

CRANKSHAFT (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
6	74337683	2	FLANGE, thrust, center main, upper (Standard size)
	74337684	2	FLANGE, thrust, center main, upper (.005" oversize)
	74337685	2	FLANGE, thrust, center main, upper (.010" oversize)
	74337686	2	FLANGE, thrust, center main, upper (.015" oversize)
7	74337687	2	FLANGE, thrust, center main, lower (Standard size)
	74337688	2	FLANGE, thrust, center main, lower (.005" oversize)
	74337689	2	FLANGE, thrust, center main, lower (.010" oversize)
	74337690	2	FLANGE, thrust, center main, lower (.015" oversize)
8	74250898	4	PIN, dowel, thrust flange
9	74337698	2	BEARING, rear main (Standard size)
	74337699	2	BEARING, rear main (.010" undersize)
	74337700	2	BEARING, rear main (.020" undersize)
	74337715	2	BEARING, rear main (.030" undersize)
	74337716	2	BEARING, rear main (.040" undersize)
10	74061465	1	KIT, bearing, main, crankshaft (Std.)(Consists of bearings for complete crankshaft overhaul)
	74061466	1	KIT, bearing, main, crankshaft (.010")(Consists of bearings for complete crankshaft overhaul)
	74061467	1	KIT, bearing, main, crankshaft (.020")(Consists of bearings for complete crankshaft overhaul)
	74061468	1	KIT, bearing, main, crankshaft (.030")(Consists of bearings for complete crankshaft overhaul)
	74061469	1	KIT, bearing, main, crankshaft (.040")(Consists of bearings for complete crankshaft overhaul)
11	74061470	1	KIT, flange, thrust, (Std.)(Consists of all upper and lower thrust flanges for crankshaft overhaul)
	74061471	1	KIT, flange, thrust (.005")(Consists of all upper and lower thrust flanges for crankshaft overhaul)
	74061472	1	KIT, flange, thrust (.010")(Consists of all upper and lower thrust flanges for crankshaft overhaul)
	74061473	1	KIT, flange, thrust (.015")(Consists of all upper and lower thrust flanges for crankshaft overhaul)



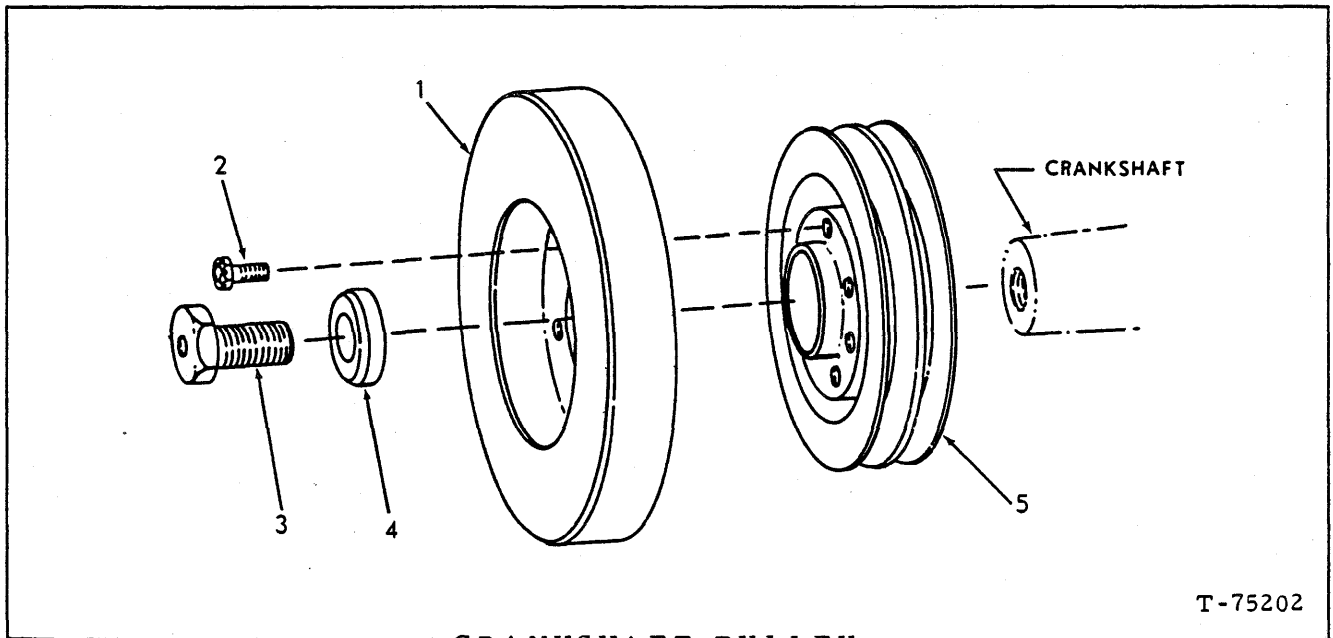
ITEM	PART NO.	QTY.	DESCRIPTION
1	74358745	6	□ PISTON (Used prior to engine serial no. 11-18336)
	74359360	6	□ PISTON (Effective with engine serial no. 11-18336)
2	74354778	6	□ PIN, piston
3	74255465	12	□ RETAINER, piston pin
4	74357677	6	□ RING SET (Used prior to engine serial no. 11-18336)
	74359757	6	□ RING SET (Effective with engine serial no. 11-18336)
5	74359220	6	ROD ASSY., connecting (Includes items 6 and 7)
6	74339017	6	BUSHING, connecting rod
7	74354787	12	BOLT, connecting rod (Used prior to engine serial no. 11-19497)
	74354748	12	NUT (Used prior to engine serial no. 11-19497)
	74359222	12	CAPSCREW, connecting rod (Effective with engine serial no. 11-19497)
8	74337701	12	BEARING, connecting rod (Standard size)
	74337702	12	BEARING, connecting rod (.010" undersize)
	74337703	12	BEARING, connecting rod (.020" undersize)
	74337704	12	BEARING, connecting rod (.030" undersize)
	74337705	12	BEARING, connecting rod (.040" undersize)

□ (Also see PACKAGED PARTS)

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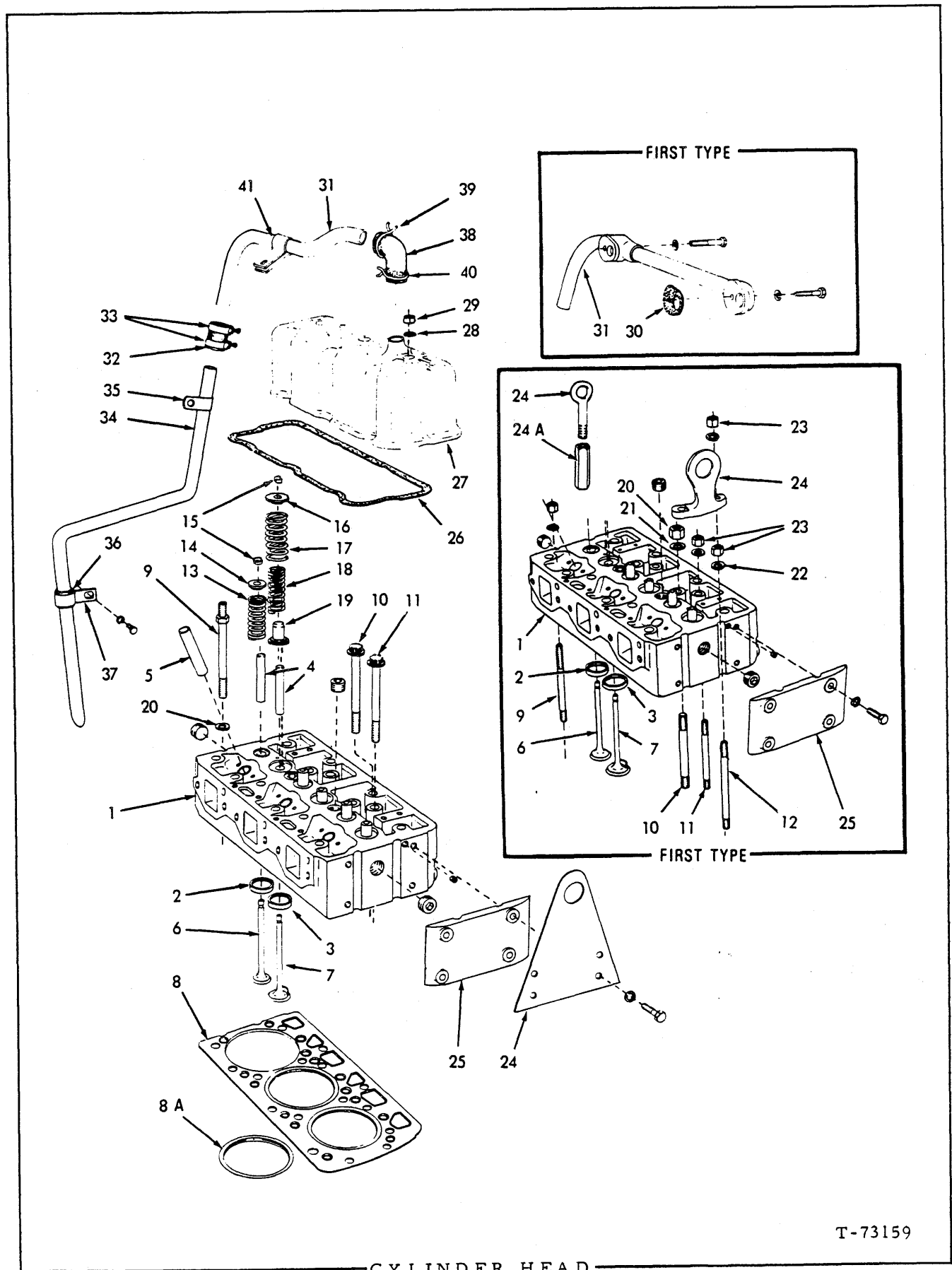
PISTON AND CONNECTING ROD (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
9	74061479	1	KIT, bearing, connecting rod (Std.)(Consists of 12 BEARING 74337701)
	74061480	1	KIT, bearing, connecting rod (.010")(Consists of 12 BEARING 74337702)
	74061481	1	KIT, bearing, connecting rod (.020")(Consists of 12 BEARING 74337703)
	74061482	1	KIT, bearing, connecting rod (.030")(Consists of 12 BEARING 74337704)
	74061483	1	KIT, bearing, connecting rod (.040")(Consists of 12 BEARING 74337705)



T-75202

ITEM	PART NO.	QTY.	DESCRIPTION
1	74354261	1	DAMPER, vibration
2	74255585	6	BOLT, place, 7/16" NC x 1"
3	74390838	1	CAPSCREW, crankshaft pulley retainer (1-1/4" NF x 2")
4	74371503	1	WASHER, pulley retainer
5	74359312	1	PULLEY, crankshaft



CYLINDER HEAD

T-73159

CYLINDER HEAD

ITEM	PART NO.	QTY.	DESCRIPTION
1	74339548	2	HEAD ASSY. (Includes items 2 thru 5 and hardware indented below)(Used prior to engine serial no. 11-14193)
	74320689	2	HEAD ASSY. (Includes items 2 thru 5 and hardware indented below)(Effective with engine serial no. 11-14193) NOTE: Also order 3 VALVES 74359645, 3 VALVES 74359373 3 ROTATORS 74320655, 3 SEAT 74320654, 3 CAPSCREWS 70915987, 3 CAPSCREWS 74255914, and 6 WASHERS 74371107 (Above quantities are for one (1) head only.
	70917673	4	PLUG, pipe, hex-socket, 1/8" NPT
	70920340	8	PLUG, pipe, hex-socket, 3/4" NPT
	70917560	6	PIN, dowel, 3/16" x 3/8" (Intake valve locator)
2	74339547	6	INSERT, exhaust valve seat (Std.)(Used prior to engine serial no. 11-14193)
	74339625	6	INSERT, exhaust valve seat (.005" oversize)(Used prior to engine serial no. 11-14193)
	74359114	6	INSERT KIT, exhaust valve seat (Std.)(Used with engine serial no. 11-14193 thru 11-19607)
	74359115	6	INSERT KIT, exhaust valve seat (.005" oversize)(Effective with engine serial no. 11-14193 thru 11-19607)
3	74339546	6	INSERT, intake valve seat (Std.)(Used prior to engine serial no. 11-14193)
	74359112	6	INSERT KIT, intake valve seat (Std.)(Effective engine serial no. 11-14193)
	74339624	6	INSERT, intake valve seat (.005" oversize)(Used prior to engine serial no. 11-14193)
	74359113	6	INSERT KIT, intake valve seat (.005" oversize)(Effective engine serial no. 11-14193)
4	74359192	12	GUIDE, exhaust (6 used prior to engine serial no. 11-19608)
	74359193	6	GUIDE, intake (Used prior to engine serial no. 11-19608)
5	74336157	6	SLEEVE, injection nozzle
6	74336128	6	VALVE, exhaust (Used prior to engine serial no. 11-14193)
	74359117	6	VALVE KIT, exhaust (Used prior to engine serial no. 11-14193 thru 11-19607)
	74359645	6	VALVE KIT, exhaust (Effective with engine serial no. 11-19608)
7	74336127	6	VALVE, intake (Used prior to engine serial no. 11-14193)
	74359116	6	VALVE KIT, intake (Used prior to engine serial no. 11-14193 thru 11-19607)
	74359373	6	VALVE KIT, intake (Effective with engine serial no. 11-19608)
8	74359030	1	GASKET ASSY., front (Includes item 8a)
	74359029	1	GASKET ASSY., rear (Includes item 8a)
8A	74358984	6	RING, fire
9	74339499	4	STUD, cylinder head (1/2" x 7")(Used prior to engine serial no. 11-19998)
	74514400	1	CAPSCREW, stud end (1/2" x 5-3/8")(Effective with engine serial no. 11-19998)
10	74339505	24	STUD, cylinder head (5/8" x 6-1/2")(Used prior to engine serial no. 11-19998)
	74320613	24	CAPSCREW, cylinder head(5/8"x5-9/16")(Effective with serial no. 11-19998)

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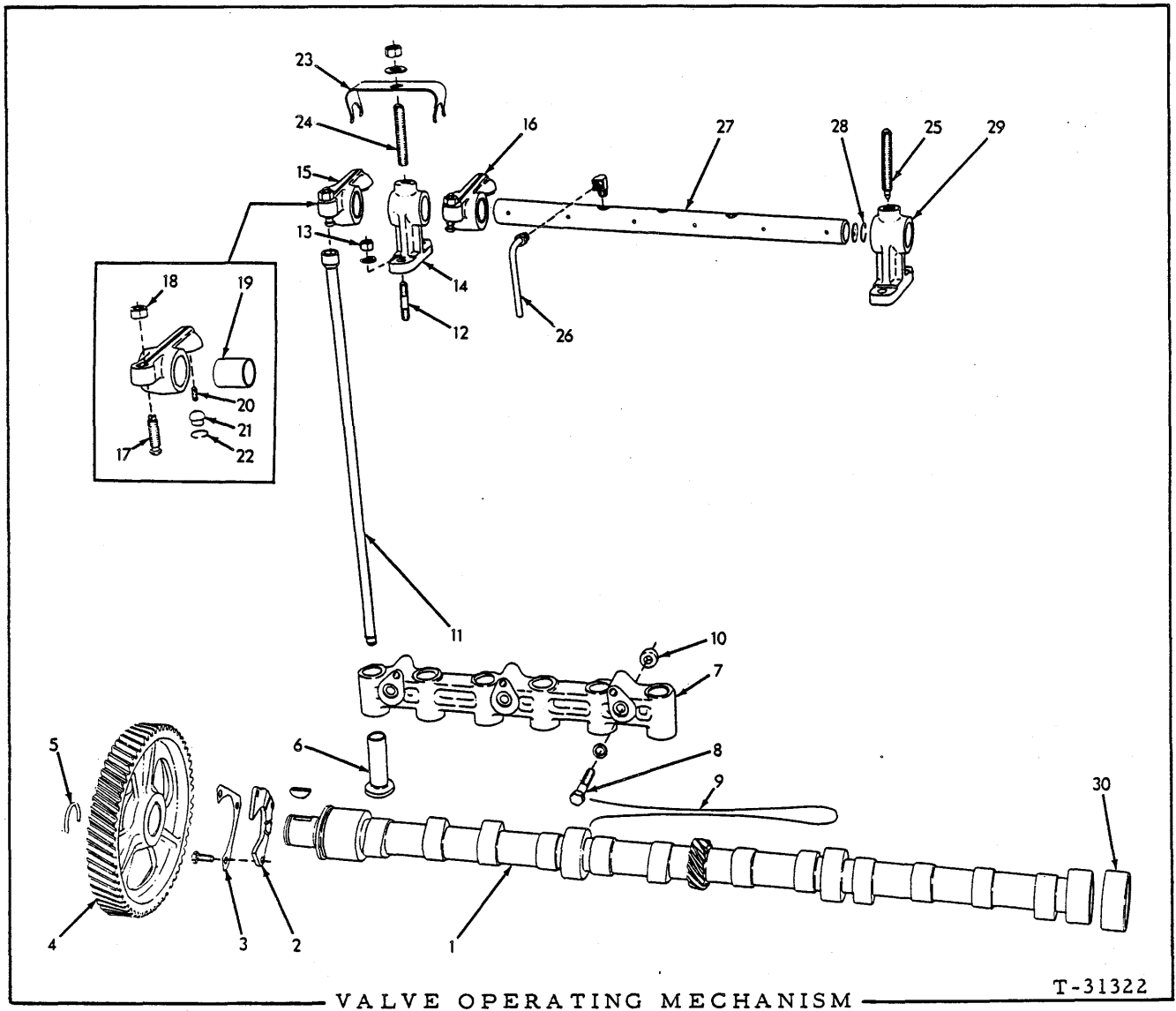
CYLINDER HEAD (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
11	74339498	4	STUD, cylinder head (1/2" x 6-1/8")(Used prior to engine serial no. 11-19998)
	74320614	9	CAPSCREW, cylinder head (1/2" x 5-5/16")(Effective with engine serial no. 11-19998)
12	74339497	2	STUD, cylinder head (1/2" x 7-3/4")(Used prior to engine serial no. 11-19998)
13	74336131	6	SPRING, exhaust valve
14	74343799	6	RETAINER, exhaust valve spring
15	74376497	24	LOCK, valve spring retainer (half only)
16	74336153	6	RETAINER, intake valve spring (Used prior to engine serial no. 11-19608)
	74320655	6	ROTATOR, intake valve spring(Effective with engine serial no. 11-19608)
17	74336129	6	SPRING, intake valve, outer
18	74336130	6	SPRING, intake valve, inner
19	74336758	6	LOCATOR, intake valve (Used prior to engine serial no. 11-19608)
	74320654	6	SEAT, spring, intake valve (Effective with engine serial no. 11-19608)
20	74388202	20	NUT, 5/8" NF (Used prior to engine serial no. 11-19998)
	74354407	4	NUT, safety 5/8" NF(First and last stud, push rod side)(Used prior to engine serial no. 11-19998)
21	74354490	14	WASHER (For 5/8" stud)(Used prior to engine serial no. 11-19998)
22	74372864	1	WASHER (For 1/2" stud)(14 Used prior to engine serial no. 11-19998, 1 effective with engine serial no. 11-19998)
23	74388205	14	NUT, 1/2" NF (Used prior to engine serial no. 11-19998)
24	74347619	2	EYE, lifting (1 used prior to engine serial no. 11-18336, 2 used Effective with serial no. 18336 thru 11-19997)
	74336444	1	EYE, lifting (Used prior to engine serial no. 11-18336)
	74320616	2	EYE, lifting (Effective with engine serial no. 11-19998)
24A	74366782	1	NUT, cylinder head and lifting eye (5/8" NF high type)(Used prior to engine serial no. 11-18336)
25	74336178	2	PLATE, end
	70916191	8	CAPSCREW, 7/16" NC x 1-1/2"
	70904207	8	LOCKWASHER, 7/16"
26	74336148	2	□ GASKET, rocker cover
27	74336146	2	COVER, rocker (Used prior to engine serial no. 11-17473)
	74357732	1	COVER, rocker (Front)(Effective with engine serial no. 11-17473)
	74359264	1	COVER, rocker (Rear)(Effective with engine serial no. 11-17473)
28	74376749	6	WASHER, sealing, rocker cover nut
29	74375937	6	NUT, rocker cover

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CYLINDER HEAD (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
30	74348133	2	□ GASKET, breather tube (Used prior to engine serial no. 11-17473)
31	74349305	1	TUBE, breather, upper section (Used prior to engine serial no. 11-17473)
	74359294	1	TUBE, breather, upper section (Effective with engine serial no. 11-17473)
	70916271	1	CAPSCREW, 3/8" NC x 1-3/4"
	70912069	1	CAPSCREW, 3/8" NC x 1-1/2"
	70904206	2	LOCKWASHER, 3/8"
32	74347924	1	HOSE
33	74253453	2	CLAMP
34	74338310	1	TUBE
35	74254173	1	CLIP
36	74371324	1	INSULATOR, breather tube (rubber)(Used prior to engine serial no. 11-17473)
37	74371323	1	CLIP, breather tube supporting (Used prior to engine serial no. 11-17473)
	70915408	1	CAPSCREW, 3/8" NC x 3/4"
	70904206	1	LOCKWASHER, 3/8"
38	74359298	1	ELBOW, 90° (Effective with engine serial no. 11-17473)
39	74253977	1	CLAMP, hose
40	74253978	1	CLAMP, hose
41	74359203	1	CLIP, tube support (Effective with engine serial no. 11-17473)



VALVE OPERATING MECHANISM

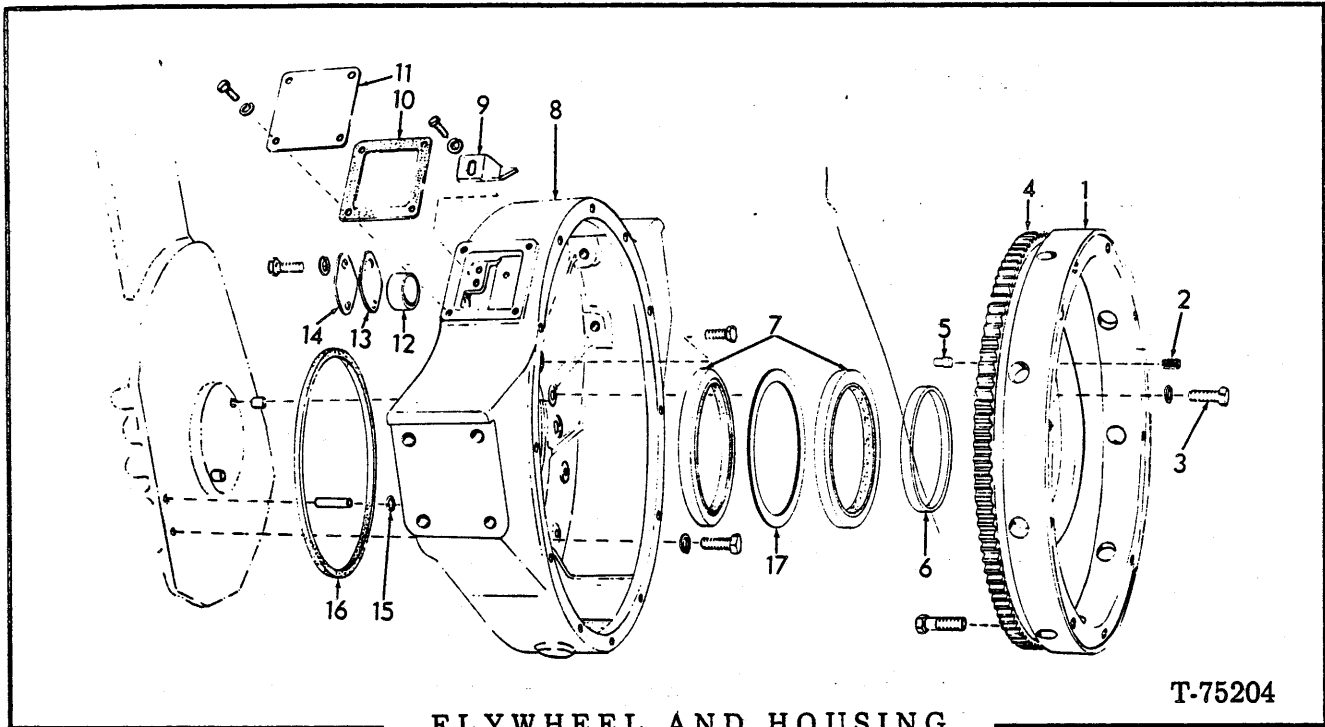
T-31322

ITEM	PART NO.	QTY.	DESCRIPTION
1	74337723	1	CAMSHAFT
	70905126	1	KEY, #5 woodruff, 1/4" x 1"
2	74349257	1	COLLAR
	70916277	3	CAPSCREW, 5/16" NC x 5/8"
3	74025391	1	PLATE
4	74339659	1	GEAR
5	74346307	1	RING
6	74338299	12	LIFTER

(Continued)

VALVE OPERATING MECHANISM (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
7	74359701	2	BRACKET, valve lifter (Used prior to engine S/N 11-19283) (Also order 3 CAPSCREW 74255393)
8	74335548	6	CAPSCREW, 3/8"NC x 1-7/8"(Used prior to engine serial No. 11-14196)
	70919287	6	CAPSCREW, 3/8"NC x 1-7/8"(Used with engine serial No. 11-14196 thru 11-19282)
	74255393	6	BOLT, place (Effective with engine serial No. 11-19283)
	70904206	6	LOCKWASHER, 3/8"(Used prior to engine serial No. 11-19283)
9	-----	2	LOCKWIRE (Used prior to engine serial No. 11-14196)
10	74347832	4	DOWEL (Used prior to engine serial No. 11-19283)
11	74336234	12	ROD
12	74506946	12	STUD
	70904206	12	LOCKWASHER, 3/8" } Used prior to engine serial No. 11-15293 except
13	74348440	12	NUT, heat treated, 3/8"NF } 11-15290, 11-15291
	74255723	12	BOLT, place, rocker shaft bracket(Effective with engine serial No. 11-15290 and up except 11-15292)
14	74359984	4	BRACKET
15	74337478	6	ARM ASSY., rocker, intake valve (Includes items 17 thru 22) (Used prior to engine serial No. 11-13409)
	74339219	6	ARM ASSY., rocker, intake valve (Includes items 17 and 18) (Used on engine serial Nos. 11-13409 thru 11-14897)
	74358989	6	ARM ASSY., rocker, intake valve (Includes Insert and items 17 and 18)(Effective engine serial No. 11-14898 and up)
16	74337479	6	ARM ASSY., rocker, exhaust valve (Includes items 17 thru 22) (Used prior to engine serial No. 11-13409)
	74339220	6	ARM ASSY., rocker, exhaust valve (Includes items 17 and 18) (Used on engine serial Nos. 11-13409 thru 11-14897)
	74358988	6	ARM ASSY., rocker, exhaust valve (Includes Insert and items 17 and 18)(Effective engine serial No. 11-14898 and up)
17	74336646	12	SCREW
18	74516821	12	NUT
19	74660369	12	BUSHING
20	74364422	12	WICK
21	74379305	12	BALL
22	74385480	12	RING
23	74338143	6	CLIP
	70910919	6	WASHER, 7/16"
	70910986	6	NUT, 7/16"NF
24	74348129	4	STUD, (2-5/8" long)
25	74348130	2	SCREW, (3" long, dog-pt.)
26	74349157	2	LINE ASSY., rocker shaft overflow (Includes NUT)
	70913039	2	ELBOW, 1/4" tube, 1/8"NPT male
27	74359985	2	SHAFT ASSY., rocker arm (Includes PLUGS indented below and item 28)
	70910002	4	PLUG, expansion, 3/4" diam.
28	74254363	4	RING
29	74336142	2	BRACKET
30	-----	-	BEARING, camshaft (See CYLINDER BLOCK)



FLYWHEEL AND HOUSING

T-75204

USAGE: Effective with loader serial number 1001 - up, 96M02050 - up.

ITEM	PART NO.	QTY.	DESCRIPTION
1	74357386	1	FLYWHEEL ASSY. (Includes item 4)
2	74359168	2	SLUG, dowel hole (lead) (Used prior to engine S/N 11-19292)
3	74035530	6	CAPSCREW (Replace 74359805)
4	74341292	1	GEAR
5	74500300	2	DOWEL, flywheel to crankshaft (Used prior to engine S/N 11 - 19292)
6	74029556	1	SLEEVE KIT (Consists of Sleeve and Instruction Print) (Used only on engine serial Nos. 11-14388 thru 11-15367)
7	74359867	2	SEAL KIT, (Prior to engine serial No. 11-18385 also order item 6)
8	74359085	1	HOUSING ASSY., (Includes item 12)
	70901666	1	PLUG, pipe, 1" NPT (Effective with engine serial No. 11-14939)
	70917021	1	PIN, dowel, 1/2" x 1"
	74752075	9	BOLT, 1/2" NC x 1-1/4"
9	74336609	1	POINTER
	70916284	2	CAPSCREW, 1/4" NF x 1/1"
	70904204	2	LOCKWASHER, 1/4"
10	74336676	1	□ GASKET
11	74358840	1	COVER
	70916282	4	CAPSCREW, 1/4" NC x 7/8"
	70904204	4	LOCKWASHER, 1/4"
12	74338091	1	TUBE
13	74001543	1	GASKET
14	74001556	1	COVER
	70921508	2	CAPSCREW, nylok, 5/16" NC x 3/4"

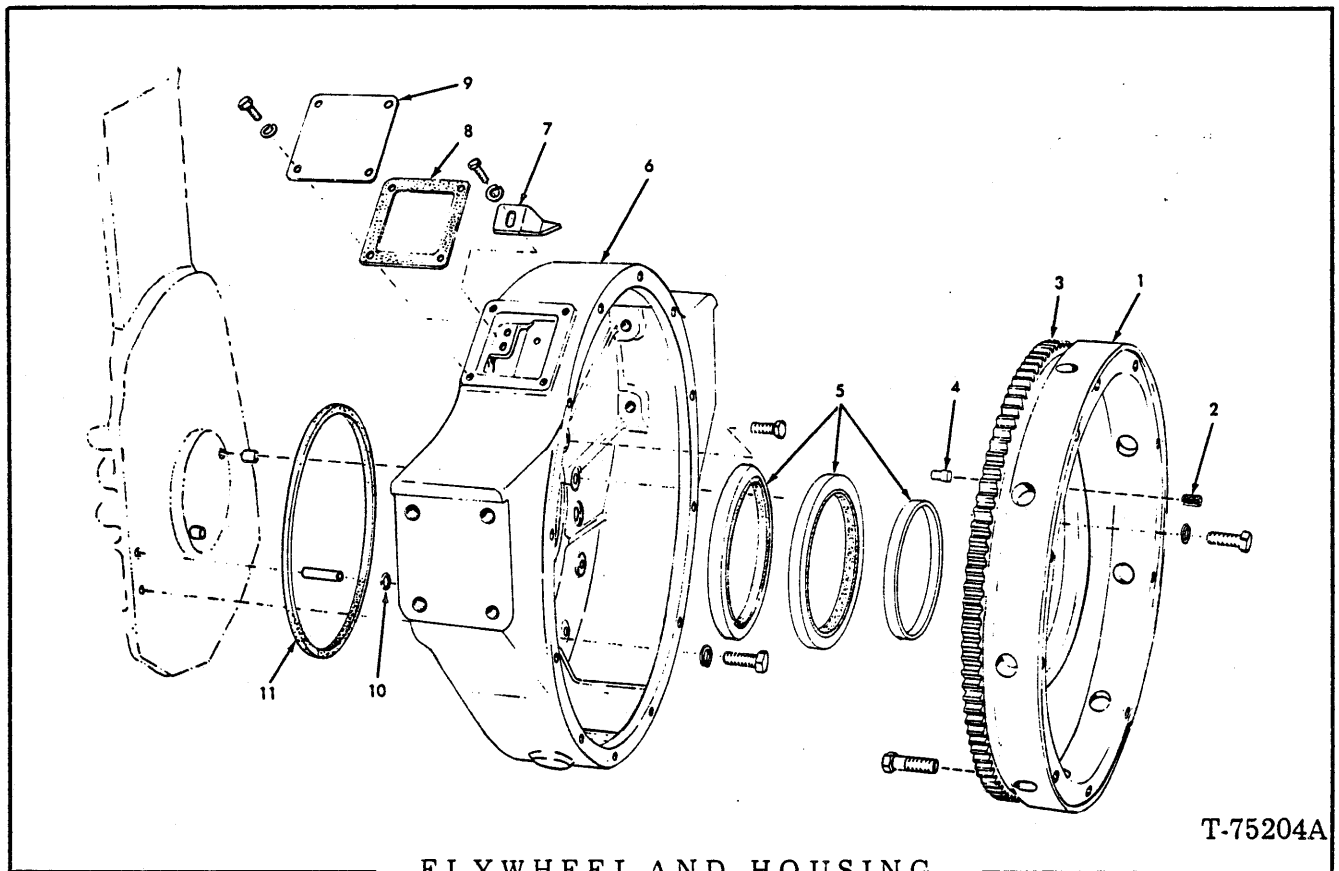
} Used prior to engine serial no. 11-14939

(Continued)

FLYWHEEL AND HOUSING (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
15	70923376	2	<input type="checkbox"/> O-RING
16	74336897	1	<input type="checkbox"/> O-RING
17	74027439	1	SPACER, seal (Used only on engine serial no.'s 11-14388 thru 11-15367)

Also see page PACKAGED PARTS



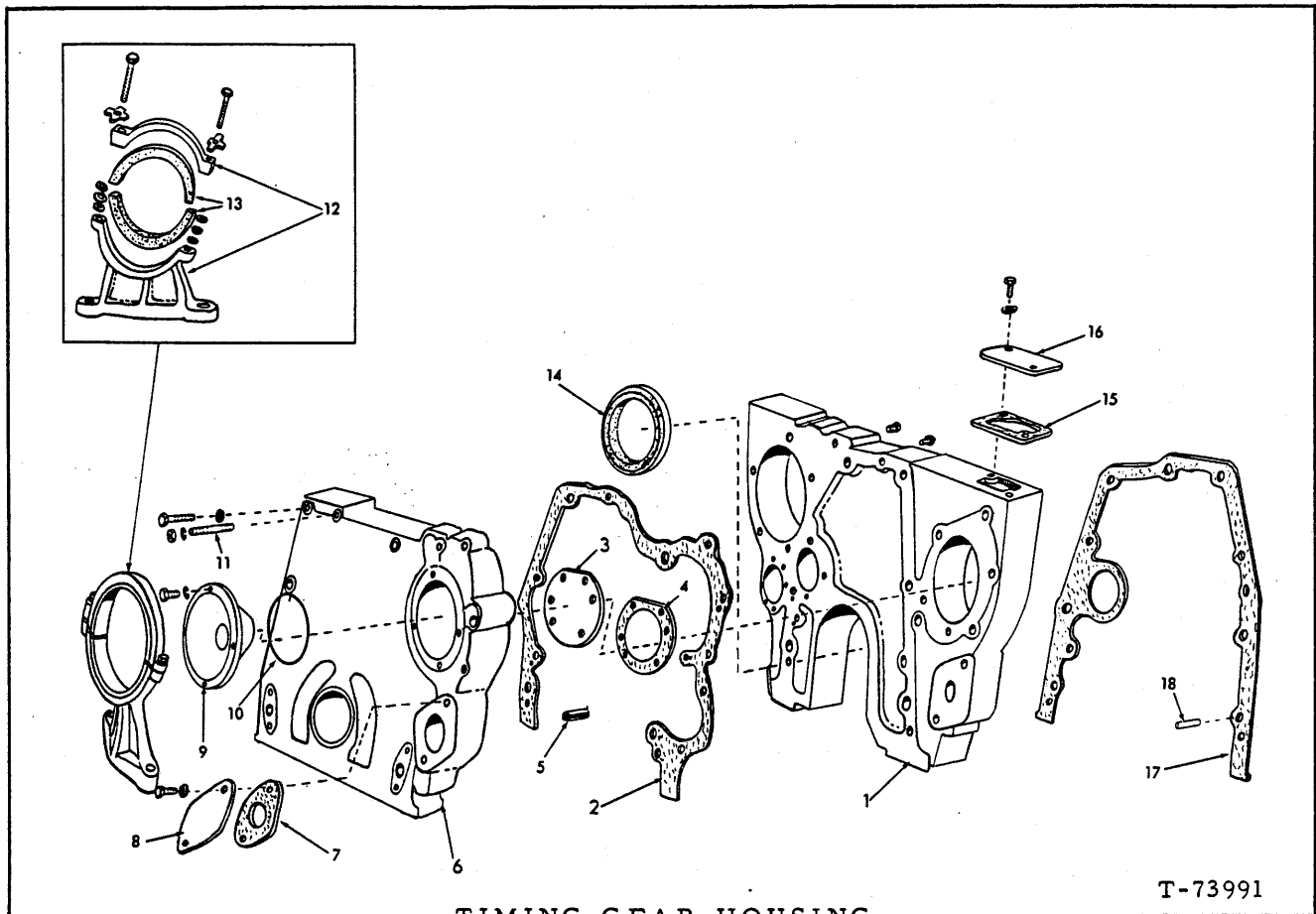
FLYWHEEL AND HOUSING

T-75204A

USAGE: Effective with loader serial no. 23C02248 thru 23C02859.

ITEM	PART NO.	QTY.	DESCRIPTION
1	74357386	1	FLYWHEEL ASSY. (Includes item 3)
	74035530	6	CAPSCREW (Replaces 74359805)
2	74359168	2	SLUG (Used prior to engine serial no. 11-19292)
3	74341292	1	GEAR
4	74500300	2	DOWEL (Used prior to engine serial no. 11-19292)
5	74359650	1	SEAL KIT (Prior to engine serial no. 11-18383 also order Sleeve Kit 74028261)
6	74359085	1	HOUSING ASSY.
	70917021	2	PIN, 1/2" x 1"
	74752075	9	BOLT, 1/2" NC x 1-1/4"
	70901666	1	PLUG, 1" NPT
7	74336609	1	POINTER
	70916284	2	CAPSCREW, 1/4" NF x 1/2"
	70904204	2	LOCKWASHER, 1/4"
8	74336676	1	<input type="checkbox"/> GASKET
9	74358840	1	COVER
	70916282	4	CAPSCREW, 1/4" NC x 7/8"
	70904204	4	LOCKWASHER, 1/4"
10	70923376	2	<input type="checkbox"/> O-RING
11	74336897	1	<input type="checkbox"/> O-RING

Also see page 11



TIMING GEAR HOUSING

T-73991

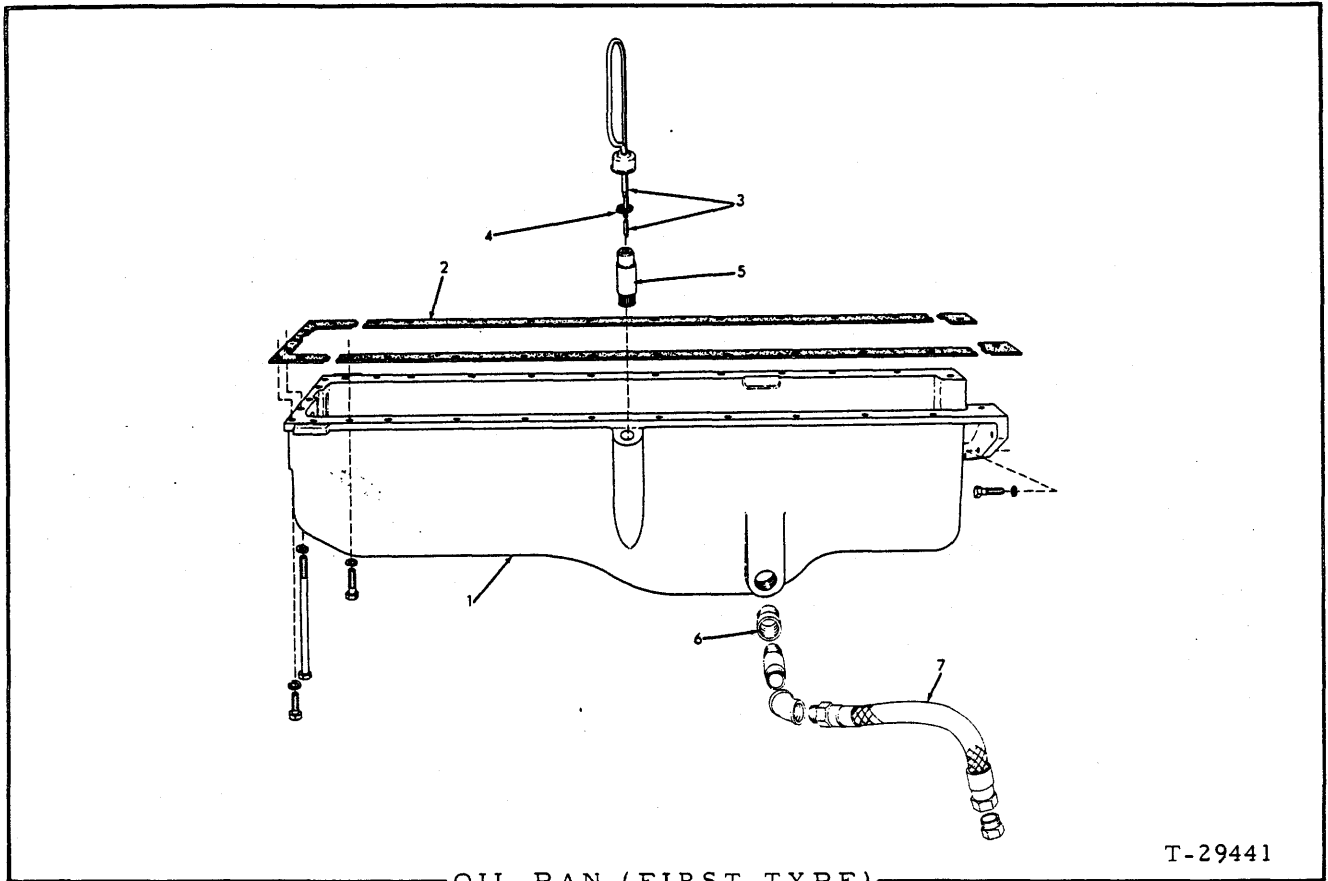
ITEM	PART NO.	QTY.	DESCRIPTION
1	74320742	1	HOUSING
	70920333	1	PLUG, pipe, hex-hd., 3/8"NPT(U/P to engine S/N 11-20259)
	70919134	2	PLUG, pipe, hex-hd., 1/8"NPT
	70917970	1	PLUG, pipe, hex-socket, 1/2"NPT(Effective w/engine S/N 11-16980)
	70904223	2	PLUG, pipe, sq. hd., 1/2"NPT
	70920416	1	PLUG, pipe, ctsk, hex-hd., 1/2"NPT (U/P to engine S/N 11-16980 and effective with 11-20259)
	74004054	3	CAPSCREW, 1/2"NC x 1-1/16"
	74253490	3	LOCKWASHER
2	74354163	1	□GASKET
3	74354414	1	COVER
4	74354415	1	GASKET
5	74348107	2	PIN
6	74357409	1	COVER ASSY., (Includes item 5)
	70916271	2	CAPSCREW, 3/8"NC x 1"
	70919287	2	CAPSCREW, 3/8"NC x 1-7/8"
	70916274	2	CAPSCREW, 3/8"NC x 2-1/4"
	70904206	6	LOCKWASHER, 3/8"
	70915969	3	CAPSCREW, 1/2"NC x 3"
	70916319	1	CAPSCREW, 1/2"NC x 3-1/2"
	70921299	1	CAPSCREW, 1/2"NC x 4"
	70919232	1	CAPSCREW, 1/2"NC x 4-3/4"
	70904208	6	LOCKWASHER, 1/2"

(Continued)

TIMING GEAR HOUSING (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
7	74335712	1	GASKET
8	74335711	1	PLATE
	70916277	6	CAPSCREW, 5/16" NC x 5/8"
	70917330	6	WASHER, copper, 11/32" I. D.
9	74354306	1	COVER
	70916271	4	CAPSCREW, 3/8" NC x 1"
	70904206	4	LOCKWASHER, 3/8"
10	70923820	1	O-RING, 4.484" I. D.
11	74320776	1	STUD, 1/2" NC x 1/2" NF x 3-3/4"
	70904208	1	LOCKWASHER, 1/2"
	70919423	1	NUT, 1/2" NF
12	74335067	1	BRACKET (Includes cap)
	74254891	2	CAPSCREW, 1/2" NC x 2-1/2"
	70916009	10	WASHER, plain (1/32" thick) (use as req'd)
	74335550	2	LOCKWASHER
13	74336491	2	LINER
14	74027416	1	SEAL KIT
15	74354304	1	GASKET
16	74354305	1	COVER
	70916269	2	CAPSCREW, 3/8" NC x 7/8"
	70904206	2	LOCKWASHER, 3/8"
17	74348136	1	□ GASKET
18	74346246	1	PIN

□ (Also see PACKAGED PARTS)



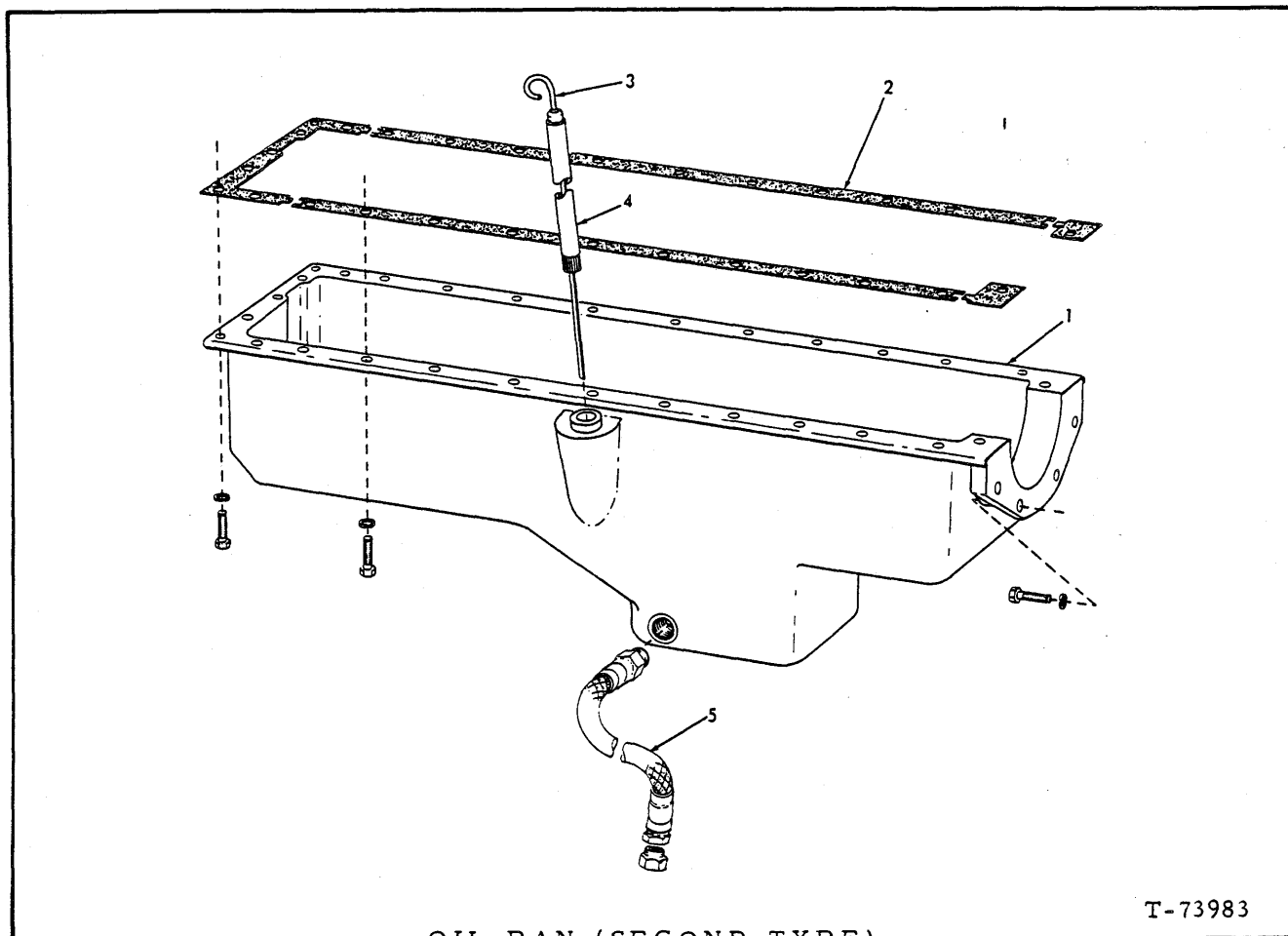
T-29441

OIL PAN (FIRST TYPE)

USAGE: Original Equipment, used prior to engine serial #11-13101, excluding 11-12846, 11-13010, 11-13011

ITEM	PART NO.	QTY.	DESCRIPTION
1	-----	1	PAN, oil (See NOTE, below)
	70901726	1	ELBOW, street, 90°, 1" NPT
	70921073	1	PLUG, pipe, hex-hd., 1" NPT
	70919224	29	CAPSCREW, 3/8" NC x 1-1/8"
	70904206	29	LOCKWASHER, 3/8"
	70914392	2	CAPSCREW, 5/16" NC x 1"
	70919787	3	CAPSCREW, 5/16" NC x 6-1/2"
	70904205	5	LOCKWASHER, 5/16"
2	74347543	1	GASKET, SET, oil pan (5 pieces)
3	74337071	1	GAUGE, oil level
4	74506607	1	SEAL
5	74349037	1	ADAPTER
6	74358976	1	ADAPTER
	70901520	1	NIPPLE, pipe, 1-1/2"
	70901695	1	ELBOW, pipe, 45°, 1" NPT
7	74357853	1	HOSE ASSY., oil drain (includes O-Ring)
	70921206	1	O-RING
	70920416	1	PLUG, pipe, 1/2" NPT

NOTE: Original Oil Pan, for angle of operation not exceeding 20° - replace with 74357794 Oil Pan, 74347543 Gasket, 74357356 Gauge, 74357357 Adapter and items 21 thru 26 in OIL PUMP - First Type



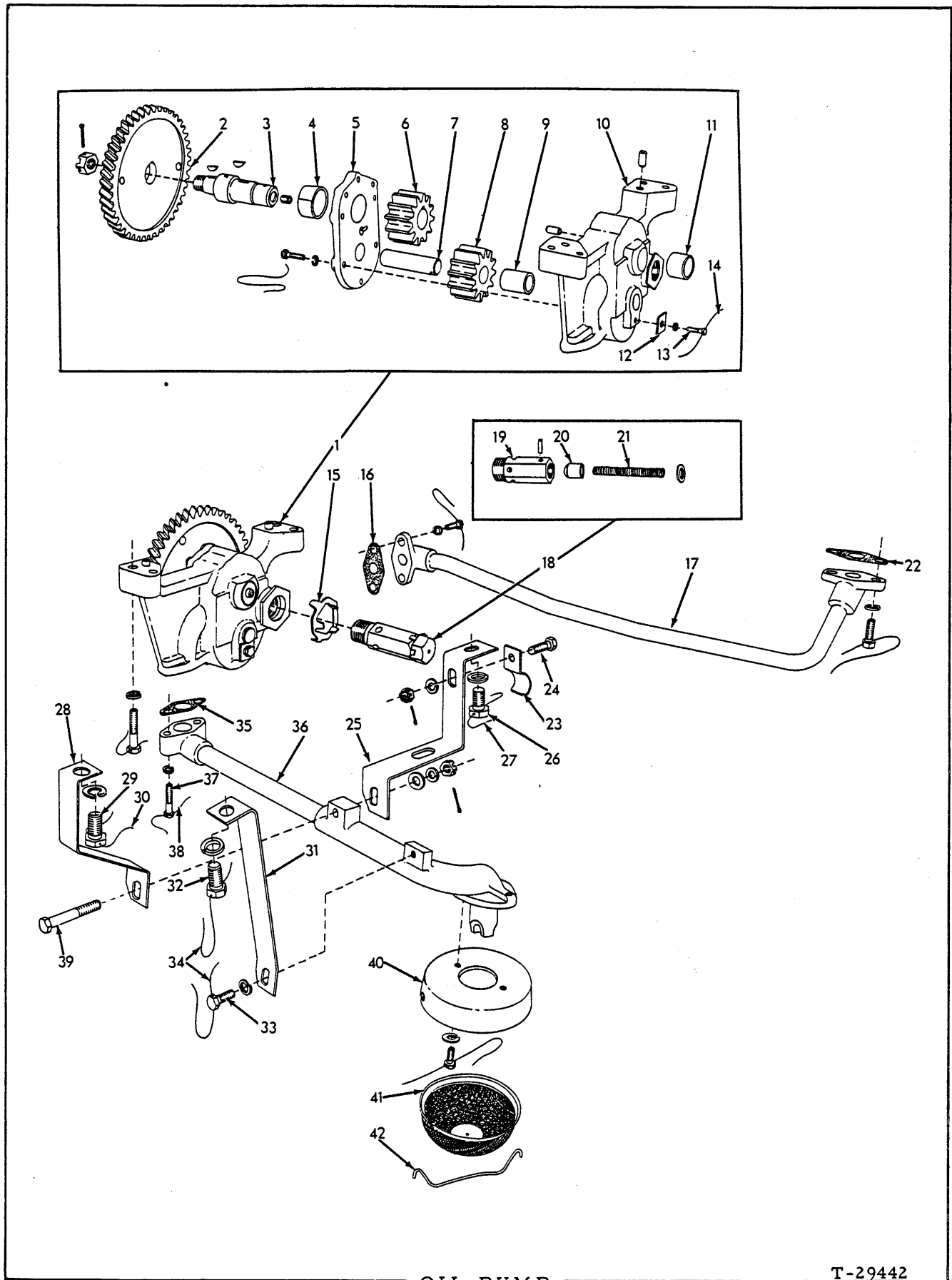
OIL PAN (SECOND TYPE)

T-73983

USAGE: Effective with engine serial #11-13101, including 11-12846, 11-13010 and 11-13011

ITEM	PART NO.	QTY.	DESCRIPTION
1	74357794	1	PAN, oil (for angle of operation to 30°)
	70916269	5	CAPSCREW, 3/8" NC x 7/8"
	70916271	24	CAPSCREW, 3/8" NC x 1-1/8"
	70904206	29	LOCKWASHER, 3/8"
	70914392	4	CAPSCREW, 5/16" NC x 1"
	70904205	4	LOCKWASHER, 5/16"
	70922238	1	CAPSCREW, 12 pt., 5/16" NC x 1"
2	74347543	1	GASKET SET, oil pan (5 pieces)
3	74357356	1	GAUGE, oil level
4	74357357	1	ADAPTER ASSY.
5	74357853	1	HOSE ASSY., oil drain (includes O-Ring)
	70921206	1	O-RING
	70920416	1	PLUG, pipe, 1/2" NPT
	70924673	1	NUT, locking

ALWAYS GIVE MODEL AND SERIAL NUMBER WHEN ORDERING PARTS



OIL PUMP

T-29442

OIL PUMP (First type)

USAGE: Used prior to engine serial #11-13101, excluding 11-12846, 11-13010, 11-13011

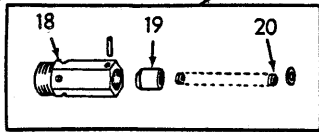
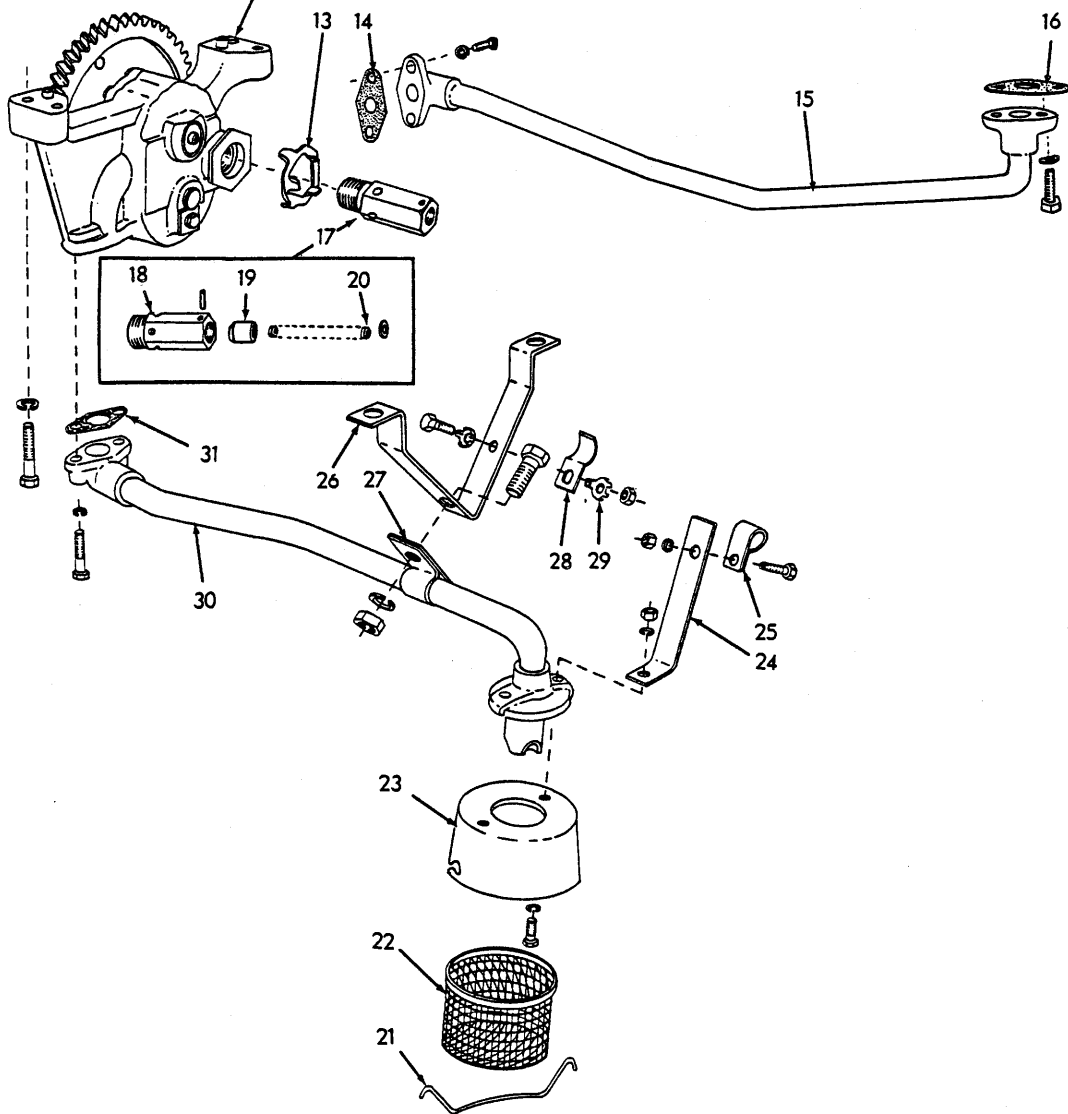
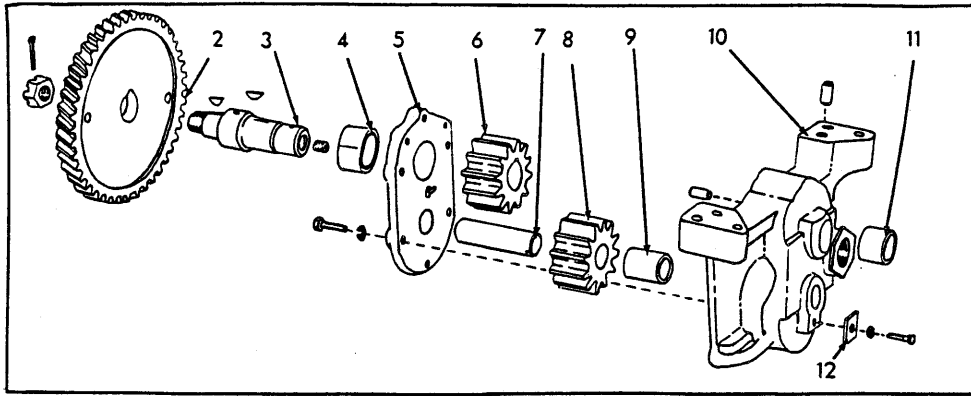
ITEM	PART NO.	QTY.	DESCRIPTION
1	74337572	1	PUMP ASSEMBLY (Includes items 2 thru 14)
	70919226	4	CAPSCREW, drilled-hd., 3/8" NC x 1-3/4"
	70904206	4	LOCKWASHER, 3/8"
2	74337047	1	GEAR
3	74337576	1	SHAFT
	70910224	2	KEY, #6 woodruff, 5/32" x 5/8"
	70912840	1	NUT, slotted, 5/8" NF
	70900808	1	PIN, cotter, 1/8" x 1-1/4"
	70917673	1	PLUG, pipe, ctsk., hex-socket, 1/8" NPT
4	74337584	1	BUSHING
5	74337582	1	COVER ASSEMBLY (Includes item 4)
	73875601	6	CAPSCREW, drilled-hd., 1/4" NC x 7/8"
	70904204	6	LOCKWASHER, 1/4"
	74348691	3	WIRE, locking
6	74337577	1	GEAR
7	74337581	1	SHAFT
8	74337578	1	GEAR ASSEMBLY, lower (Includes item 9)
9	74337580	1	BUSHING
10	74337573	1	HOUSING ASSEMBLY, (Includes item 11 and dowel PINS indented below)
	70917554	1	PIN, dowel, 1/4" x 1/2"
	70917546	1	PIN, dowel, 3/8" x 5/8"
11	74337575	1	BUSHING
12	74348020	1	RETAINER
13	74349378	1	CAPSCREW, drilled-hd., 1/4" NC x 1/2"
	70904204	1	LOCKWASHER, 1/4"
14	74348769	1	WIRE, locking, #18 x 4"
15	74347938	1	LOCK
16	74348215	1	□ GASKET
17	74335382	1	PIPE
	70915813	2	CAPSCREW, drilled-hd., 5/16" NC x 7/8"
	70904205	2	LOCKWASHER, 5/16"
	70916272	2	CAPSCREW, drilled-hd., 3/8" NC x 1-1/4"
	70904206	2	LOCKWASHER, 3/8"
18	74354573	1	VALVE ASSEMBLY, oil pressure relief (Includes items 18 thru 21)
19	-----	1	BODY, pressure relief valve (Not serviced separately)
	70913168	1	WASHER, relief valve
	70916001	1	PIN, roll, relief valve
20	-----	1	PISTON, pressure relief valve (Not serviced separately)
21	74354568	1	SPRING

(Continued)

OIL PUMP (First type)(Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
22	74346169	1	□ GASKET
23	74347572	1	CLAMP
24	74335152	1	CAPSCREW, drilled end, 3/8" NC x 3/4"
	70904206	1	LOCKWASHER, 3/8"
	70914773	1	NUT, slotted, 3/8" NC
	70900802	1	PIN, cotter, 3/32" x 1"
25	74336386	1	BRACKET, suction pipe supporting, left
26	74375812	1	CAPSCREW, drilled-hd., 1/2" NC x 1"
	70904208	1	LOCKWASHER, 1/2"
27	74348691	1	WIRE, locking, #18 x 6"
28	74336384	1	BRACKET, suction pipe supporting, right front
29	74375812	1	CAPSCREW, drilled-hd., 1/2" NC x 1"
	70904208	1	LOCKWASHER, 1/2"
30	74348691	1	WIRE, locking, #18 x 6"
31	74336385	1	BRACKET, suction pipe supporting, right rear
32	74375812	1	CAPSCREW, drilled-hd., 1/2" NC x 1"
	70904208	1	LOCKWASHER, 1/2"
33	74369110	1	CAPSCREW, drilled-hd., 3/8"
	70904206	1	LOCKWASHER, 3/8"
34	74348691	2	WIRE, locking, #18 x 6"
35	74348218	1	□ GASKET, suction pipe to pressure pump
36	74336381	1	PIPE
37	74349375	2	CAPSCREW, drilled-hd., 5/16" NC x 1-5/8"
	70904205	2	LOCKWASHER, 5/16"
38	74509035	1	WIRE, locking, #18 x 10"
39	74335153	1	CAPSCREW, drilled end, 3/8" NC x 2-1/4"
	70912597	1	WASHER, plain
	70904206	1	LOCKWASHER, 3/8"
	70914773	1	NUT, slotted, 3/8" NC
	70900802	1	PIN, cotter, 3/32" x 1"
40	74393581	1	COVER
	70915809	2	CAPSCREW, 5/16" NC x 3/4"
	70904205	2	LOCKWASHER, 5/16"
41	74348683	1	SCREEN
42	74348682	1	RETAINER

□ (Also see PACKAGED PARTS)



OIL PUMP

T-73974

OIL PUMP (SECOND TYPE)

USAGE: Effective with engine serial no. 11-13101, including 11-12846, 11-13010 and 11-13011)

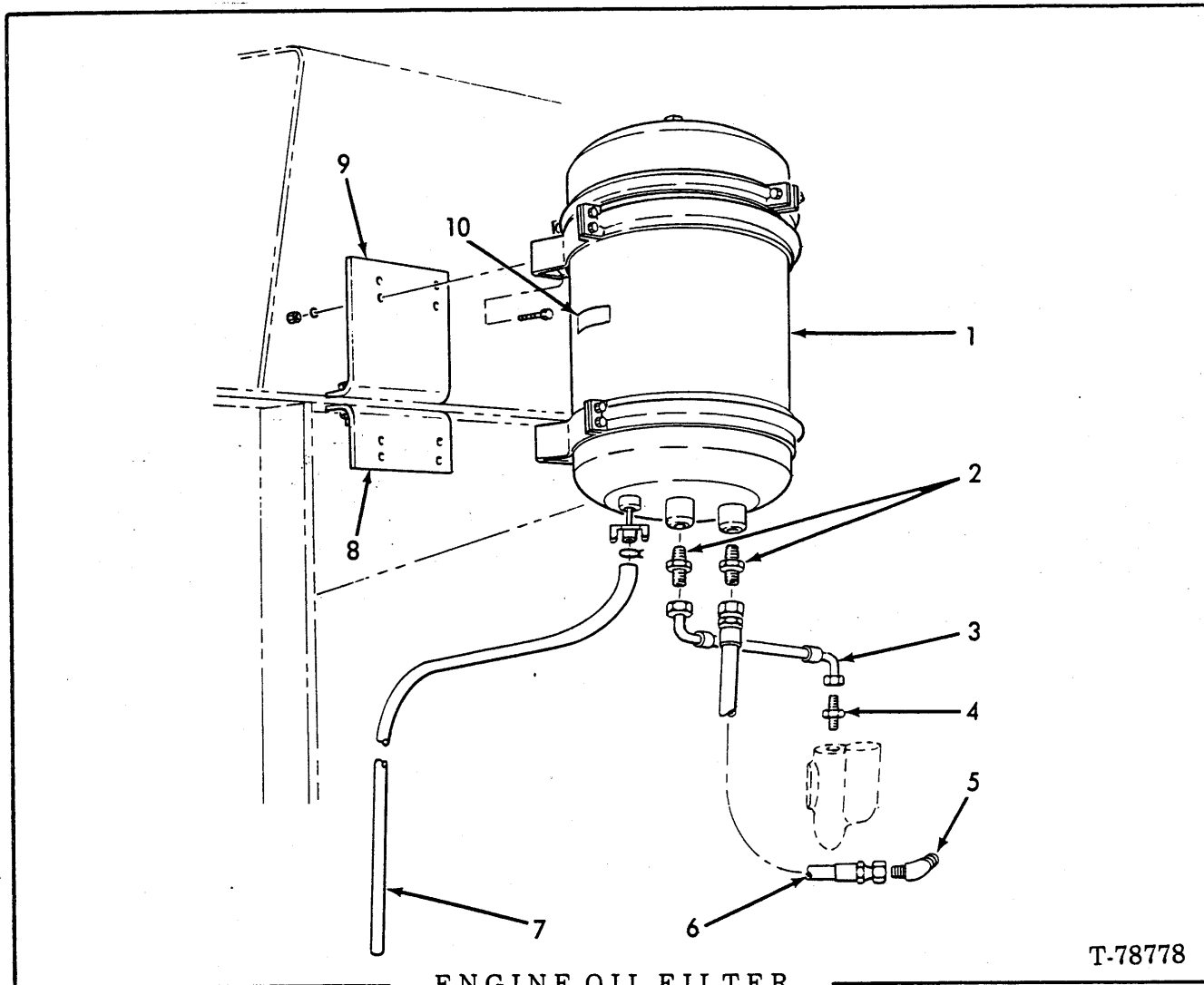
ITEM	PART NO.	QTY.	DESCRIPTION
1	74359035	1	PUMP ASSY., oil (includes items 2 thru 12) (effective engine serial no. 11-14234)
	70919226	4	CAPSCREW, 3/8" NC x 1-5/8"
	70904206	4	LOCKWASHER, 3/8"
2	74337047	1	GEAR
3	74337576	1	SHAFT
	70910224	2	KEY, #6 woodruff, 5/32" x 5/8"
	74254977	1	NUT, lock, 5/8" NF
	70900808	1	PIN, cotter, 1/8" x 1-1/4" (used prior to engine serial no. 11-14234)
	70917673	1	PLUG, pipe, hex-socket, 1/8" NPT
4	74337584	1	BUSHING
5	74337582	1	COVER ASSY. (includes item 4)
	70916282	6	CAPSCREW, 1/4" NC x 7/8"
	70904204	6	LOCKWASHER, 1/4"
	-----	3	WIRE, locking, #18 x 10" (used prior to engine serial no. 11-14234)(Obtain locally)
6	74337577	1	GEAR
7	74337581	1	SHAFT
8	74337578	1	GEAR ASSY., lower (includes item 9)
9	74337580	1	BUSHING
10	74337573	1	HOUSING ASSY., oil pump (includes item 11 and PINS indented below)
	70917554	1	PIN, dowel, 1/4" x 1/2"
	70917546	1	PIN, dowel, 3/8" x 5/8"
11	74337575	1	BUSHING
12	74348020	1	RETAINER
	74349378	1	CAPSCREW, drilled-hd., 1/4" NC x 1/2"
	70904204	1	LOCKWASHER, 1/4"
	-----	1	WIRE, locking, #18 x 4" (used prior to engine serial no. 11-14234) (Obtain locally)
13	74347938	1	LOCK
14	74348215	1	GASKET
15	74335382	1	PIPE, discharge (serviced only as a unit)
	70915813	2	CAPSCREW, 5/16" NC x 7/8"
	70904205	2	LOCKWASHER, 5/16"
	70916272	2	CAPSCREW, 3/8" NC x 1-1/4"
	70904206	2	LOCKWASHER, 3/8"

(Continued)

OIL PUMP (SECOND TYPE) (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
16	74346169	1	□ GASKET
17	74354573	1	VALVE ASSY., oil pressure relief (Includes items 18 thru 20)
18	-----	1	BODY, pressure relief (Not serviced separately - order item 17)
19	-----	1	PISTON, pressure valve (Not serviced separately - order item 17)
20	74354568	1	SPRING
	74359310	1	WASHER, plain, U.S. std., 9/32"
	70916001	1	PIN, roll, 3/16" x 1"
21	74376294	1	RETAINER
22	74374127	1	SCREEN
23	74393581	1	COVER
	70915807	1	CAPSCREW, 5/16" NC x 1-1/4"
	70915809	1	CAPSCREW, 5/16" NC x 3/4"
	70904205	2	LOCKWASHER, 5/16"
24	74359219	1	BRACKET, tube supporting (Effective with engine serial #11-15473)
	70904205	1	LOCKWASHER, 5/16"
	70910323	1	NUT, 5/16" NC
25	74306010	1	CLIP, discharge tube (Effective with engine serial #11-15473)
	70915809	1	CAPSCREW, 5/16" NC x 3/4"
	70904205	1	LOCKWASHER, 5/16"
	70910323	1	NUT, 5/16" NC
26	74359323	1	BRACKET
	70916310	2	CAPSCREW, 1/2" NC x 1"
	70904208	2	LOCKWASHER, 1/2"
27	74354750	1	CLIP
	70913827	1	CAPSCREW, 5/8" NC x 1-1/4"
	70904209	1	LOCKWASHER, 5/8"
	70903574	1	NUT, 5/8" NC
28	74347572	1	CLAMP, discharge tube (Effective with engine serial #11-15685)
	70915809	1	CAPSCREW, 5/16" NC x 3/4"
29	70911422	1	WASHER, plain, 5/16"
	70910323	1	NUT, 5/16" NC
	70904205	1	LOCKWASHER, 5/16"
30	74357360	1	TUBE ASSY., suction
	70919290	2	CAPSCREW, 5/16" NC x 1-5/8"
	70904205	2	LOCKWASHER, 5/16"
31	74348218	1	GASKET

□ (Also see PACKAGED PARTS)

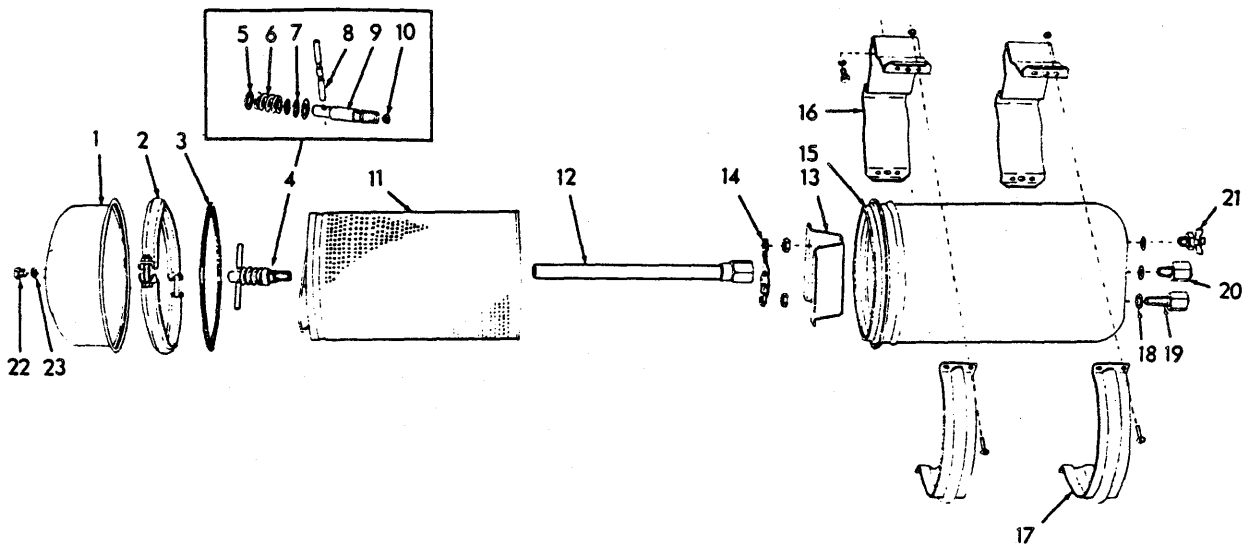


ENGINE OIL FILTER

T-78778

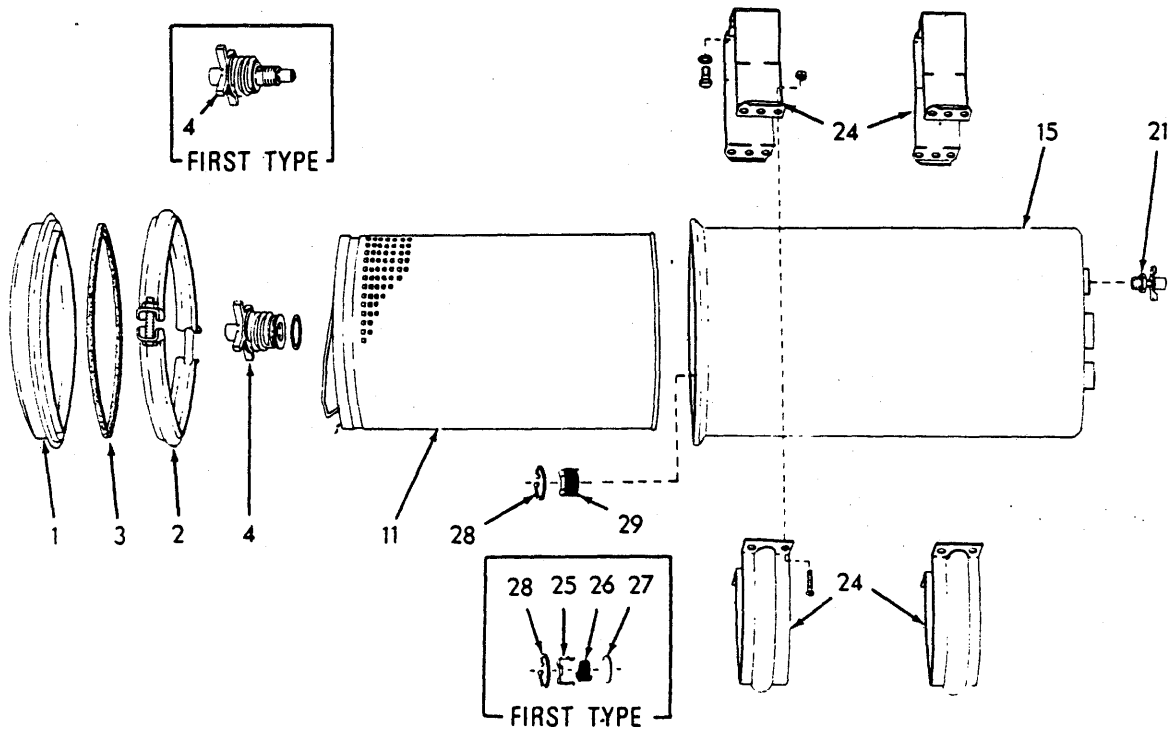
USAGE: Special Equipment (Heavy duty type)
 NOTE: If machine is equipped with platform mounted alcohol injector see page 216 for mounting bracket

ITEM	PART NO.	QTY.	DESCRIPTION
1	-----	1	FILTER ASSY. (see page 44b)
	70916271	8	CAPSCREW, 3/8" NC x 1"
	70910287	8	LOCKWASHER, 3/8"
	70910324	8	NUT, 3/8" NC
2	70919127	2	CONNECTOR, 3/8" tube, 1/2" taper thd.
3	73059762	1	HOSE ASSY. (serviced only as a unit)
4	70919172	1	CONNECTOR, 3/8" tube, 3/8" taper thd.
5	70925837	1	ELBOW, 45°, 3/8" tube, 9/16" str. thd.
6	73059761	1	HOSE ASSY. (serviced only as a unit)
7	70667676	1	HOSE, 30" long
8	73059760	1	BRACKET
9	73059759	1	BRACKET
	70916314	2	CAPSCREW, 1/2" NC x 2"
	70904208	2	LOCKWASHER, 1/2"
	70910325	2	NUT, 1/2" NC
10	73107880	1	DECAL



T-74660

LUBER-FINER DESIGN



T-76480

FLEETGUARD DESIGN

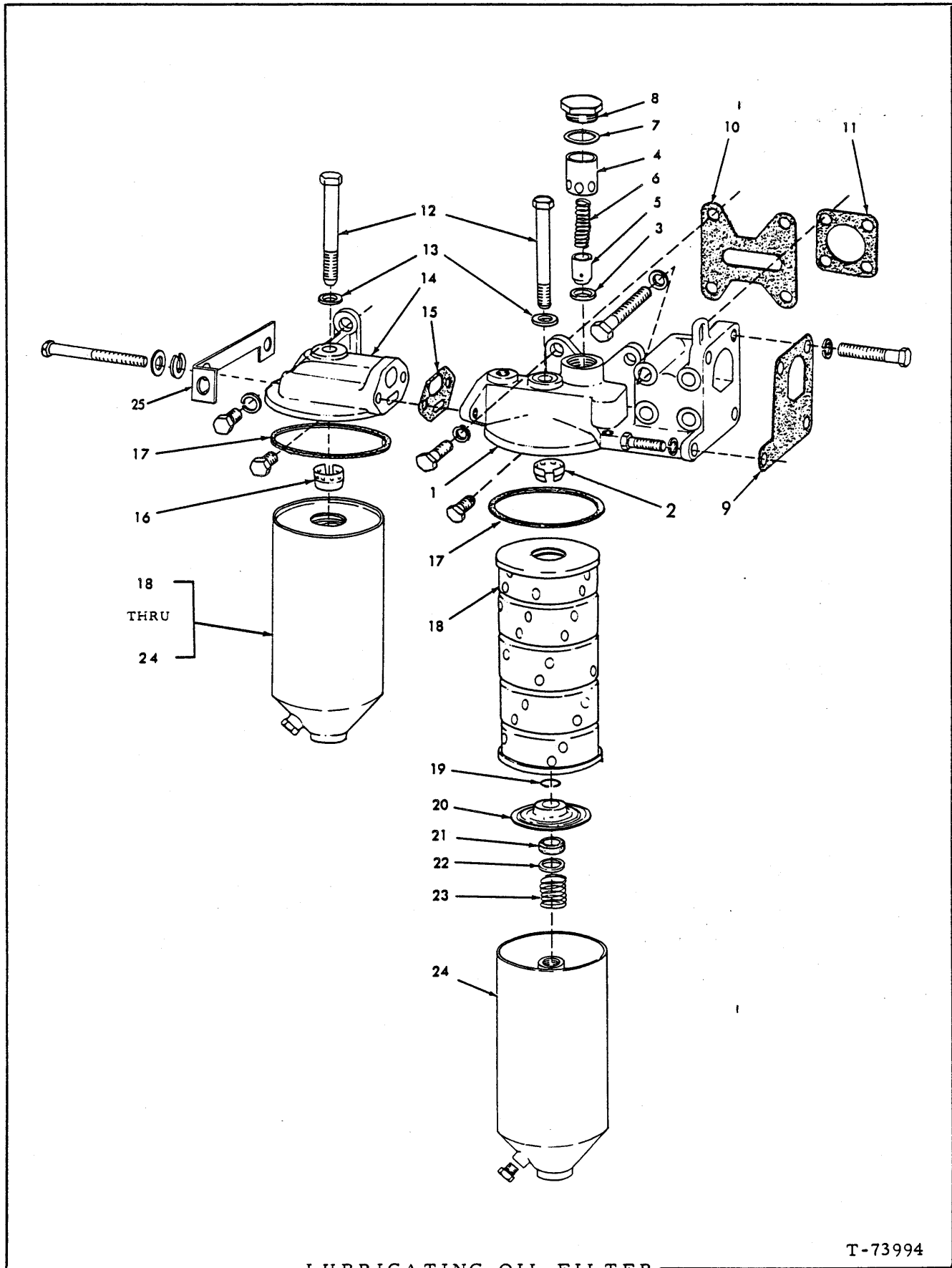
OIL FILTER (By-pass type)

OIL FILTER (By-pass type)

USAGE: * Luber-Finer Design } See page 44a
 ** Fleetguard Design }

NOTE: This FILTER ASSEMBLY is available in two designs, "Fleetguard" and "Luber-Finer".
 Check which is applicable to your unit and order service parts accordingly.

ITEM	PART NO.	QTY. * **	DESCRIPTION
	{ 74390593	1 -	FILTER ASSY. (Includes items 1 thru 23)
	{ 74390593	- 1	FILTER ASSY. (Includes items 1 thru 4, 11, 15, 21, 24 thru 29)
1	{ 74059262	1 -	COVER
	{ 74059813	- 1	COVER
2	{ 70630540	1 -	RING ASSY. (Includes nut and bolt)
	{ 74059814	- 1	COUPLING ASSY. (Includes hardware. Serviced only as a unit)
3	{ 70082449	1 -	GASKET
	{ 74061787	- 1	GASKET
4	{ 74059266	1 -	HOLD-DOWN ASSY. (Includes items 5 thru 10)
	{ 74060691	- 1	SUPPORT ASSY. (Male thread post)
	{ 74061788	- 1	SUPPORT ASSY. (Female thread post)
			(First type) } Each includes O-RING
			(Second type) } Service only as a unit.
5	70082489	3 -	WASHER
6	70082490	1 -	SPRING
7	70082487	1 -	SEAL
8	70082488	1 -	HANDLE
9	-----	1 -	STUD (Order item 4)
10	74059265	1 -	PLUG
11	74059343	1 1	ELEMENT
12	74059264	1 -	TUBE ASSY. (Includes nut)
13	70096816	1 -	SUPPORT
	70911049	2 -	NUT, jam, 5/8" NF
14	{ 70096815	1 -	RETAINER
	{ -----	1 -	HOUSING (Not serviced separately)
15	{ -----	- 1	SHELL (Female thread post)(First type)(For initial replacement order second type SHELL and second type item 4)
	{ 74061785	- 1	SHELL (Male thread post)(Second type)
16	70082444	2 -	BRACKET
17	70082443	2 -	BAND
	70915406	8 -	CAPSCREW, 1/4" NC x 3/4"
	70911024	8 -	NUT, 1/4" NC
18	70063891	3 -	GASKET
19	70063890	1 -	VALVE ASSY. } (Includes 1 spring, 1 ring, 1 cup. Serviced
20	70080758	1 -	VALVE ASSY. } only as a unit)
21	{ 74060755	1 -	COCK, drain
	{ 70229210	- 1	COCK, drain
22	70084897	1 -	PLUG
23	70084899	1 -	WASHER
24	74061786	- 1	BRACKET ASSY. (2-piece, includes hardware. Serviced only as a unit)
25	74059810	- 1	CAGE } First type - order item 29
26	74059811	- 1	SPRING } First type - order item 29
27	74059812	- 1	DISC } First type - order item 29
28	74253555	- 1	RING
29	74061789	- 1	VALVE, check



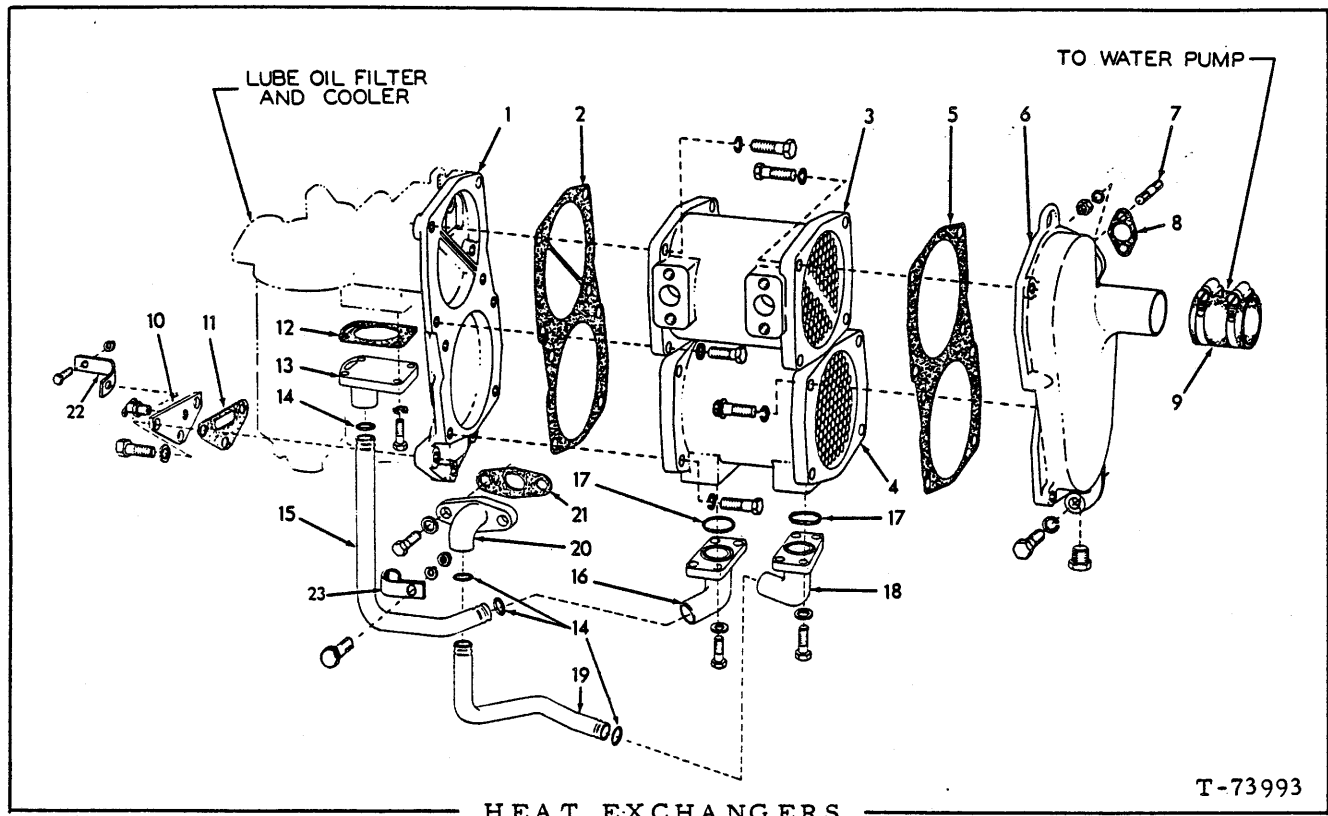
LUBRICATING OIL FILTER

T-73994

LUBRICATING OIL FILTER

ITEM	PART NO.	QTY.	DESCRIPTION
1	74339198	1	HEAD ASSY. (Includes items 2 thru 8)
	70920541	3	CAPSCREW, Nylok, 1/2" NC x 1-1/2"
	70920540	1	CAPSCREW, Nylok, 1/2" NC x 1-1/4"
	70920574	3	CAPSCREW, 1/2" NC x 1-3/8"
	70915969	1	CAPSCREW, 1/2" NC x 3"
	70904208	6	LOCKWASHER, 1/2"
	70919293	4	CAPSCREW, 3/8" NC x 5"
	70904206	4	LOCKWASHER, 3/8"
2	74379263	1	GUIDE
3	74373614	1	SEAT
4	74373612	1	SLEEVE
5	74373613	1	PISTON
6	74359656	1	SPRING
7	74253751	1	GASKET
8	74373610	1	CAP
9	74339128	1	□ GASKET
10	74339150	1	□ GASKET
11	74348184	1	□ GASKET
12	74339022	2	CAPSCREW
13	74376749	2	WASHER
14	74339454	1	HEAD ASSY. (Includes item 16)
	70920682	2	CAPSCREW, 3/8" NC x 5-1/2"
	70904206	2	LOCKWASHER, 3/8"
	70922465	2	WASHER, plain
	70916311	1	CAPSCREW, 1/2" NC x 1-1/4"
	70904208	2	LOCKWASHER, 1/2"
	70921865	1	CAPSCREW, Nylok, 1/2" NC x 1"
15	74339123	1	□ GASKET
16	74379263	1	GUIDE
17	74372325	2	GASKET
18	74395889	2	CARTRIDGE ASSY. (Includes item 17)
19	74379269	2	RING
20	74055971	2	ADAPTER
21	74053409	2	SEAL
22	74053410	2	WASHER
23	74379268	2	SPRING
24	74339021	2	BODY
	70918951	2	PLUG, pipe, hex-hd., 3/8" NPT
25	74339595	1	BRACKET

□ (Also see PACKAGED PARTS)



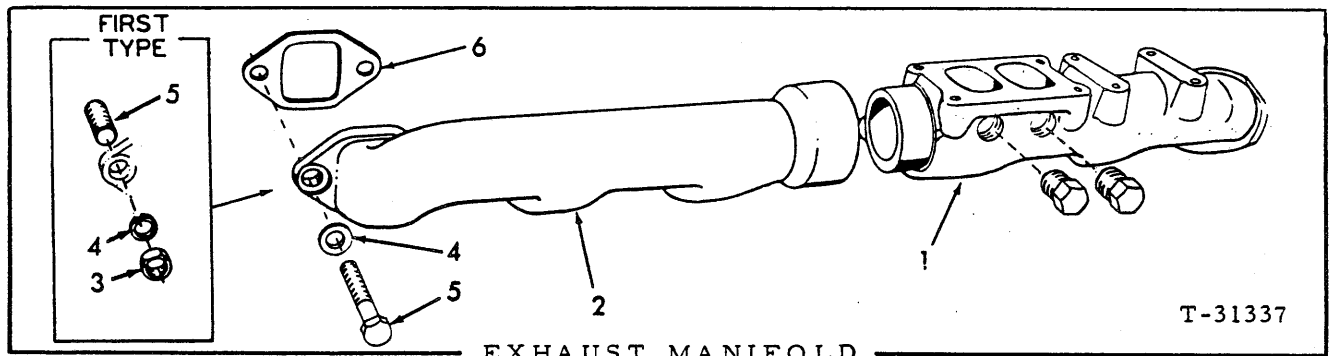
ITEM	PART NO.	QTY.	DESCRIPTION
1	74339116	1	COVER
2	74339697	1	GASKET
3	74339120	1	EXCHANGER
	70916313	4	CAPSCREW, 1/2" NC x 1-3/4"
	70904208	4	LOCKWASHER, 1/2"
	70916255	1	CAPSCREW, 7/16" NC x 1-3/4"
	70904207	1	LOCKWASHER, 7/16"
	70922066	2	SCREW, 12-point, 1/2" NC x 1-3/4"
4	74339119	1	EXCHANGER
	70916313	6	CAPSCREW, 1/2" NC x 1-3/4"
	70904208	6	LOCKWASHER, 1/2"
	70922066	2	SCREW, 12-point, 1/2" NC x 1-3/4"
5	74339698	1	GASKET
6	74358587	1	COVER
	70920333	1	PLUG, pipe, hex-hd., 3/8" NPT
	70921556	1	CAPSCREW, 1/2" NC x 2"
	70904208	1	LOCKWASHER, 1/2"
7	74514091	2	STUD
	74115287	2	NUT
	70904206	2	LOCKWASHER, 3/8"
8	74348185	1	□ GASKET

(Continued)

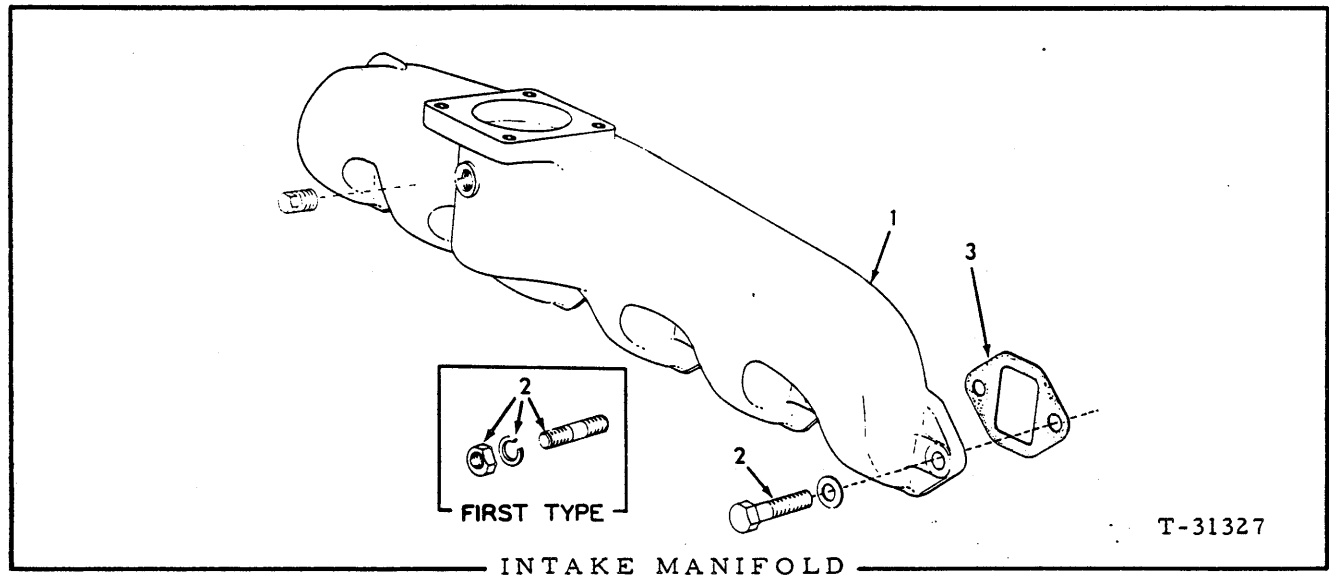
HEAT EXCHANGERS (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
9	74506737	1	HOSE
	70925758	2	CLAMP
10	74357701	1	COVER
	70912415	1	COCK, drain, 1/4" NPT
	70916311	3	CAPSCREW, 1/2" NC x 1-1/4"
	70904208	3	LOCKWASHER, 1/2"
11	74339127	1	GASKET
12	74339118	1	□ GASKET
13	74357689	1	FLANGE
	70916272	4	CAPSCREW, 3/8" NC x 1-1/4"
	70904206	6	LOCKWASHER, 3/8"
14	70923574	4	□ O-RING
15	74357706	1	TUBE
16	74357691	1	ELBOW
	70916197	4	CAPSCREW, 7/16" NC x 1-1/4"
	70904207	4	LOCKWASHER, 7/16"
17	70923813	2	□ O-RING
18	74357692	1	ELBOW
	70916197	4	CAPSCREW, 7/16" NC x 1-1/4"
	70904207	4	LOCKWASHER, 7/16"
19	74357705	1	TUBE
20	74357690	1	ELBOW
	70921076	2	CAPSCREW, 3/8" NC x 1-1/4"
	70904206	2	LOCKWASHER, 3/8"
21	74339151	1	□ GASKET
22	74358763	1	BRACKET
23	74253771	1	CLAMP
	70916268	1	CAPSCREW, 3/8" NC x 5/8"
	70904206	1	LOCKWASHER, 3/8"
	70910324	1	NUT, 3/8" NC

□ (Also see PACKAGED PARTS)

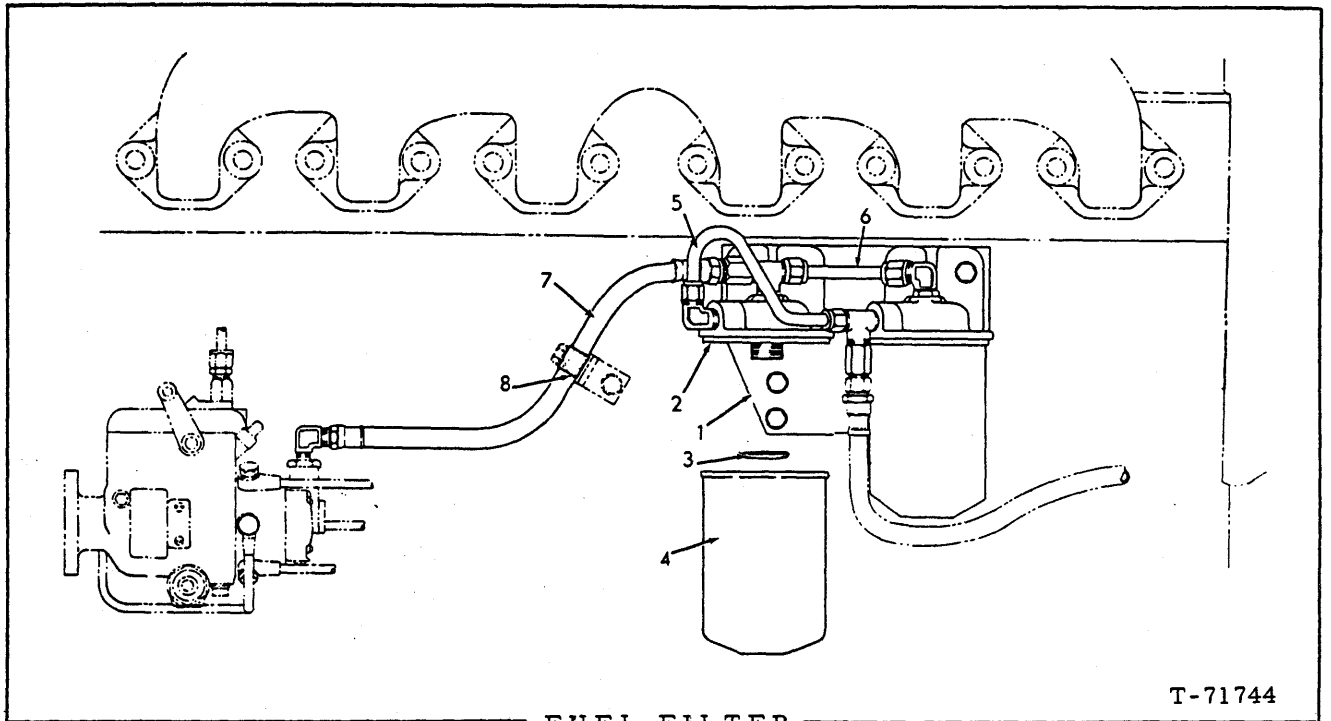


ITEM	PART NO.	QTY.	DESCRIPTION
1	74339511	1	MANIFOLD
	70919840	2	PLUG, 1/4" NPT
	74339535	4	STUD
2	74335623	1	MANIFOLD
3	74253270	12	NUT (Used prior to engine S/N 11-19608)
4	70904208	12	LOCKWASHER, 1/2" (Used prior to engine S/N 11-19608)
	74371107	12	WASHER, plain, hardened (Effective with engine S/N 11-19608)
5	74346208	12	STUD (Used prior to engine S/N 11-19608)
	70915987	12	CAPSCREW, 1/2" NC x 1/2" (Effective with engine S/N 11-19608)
6	74359741	6	□ GASKET



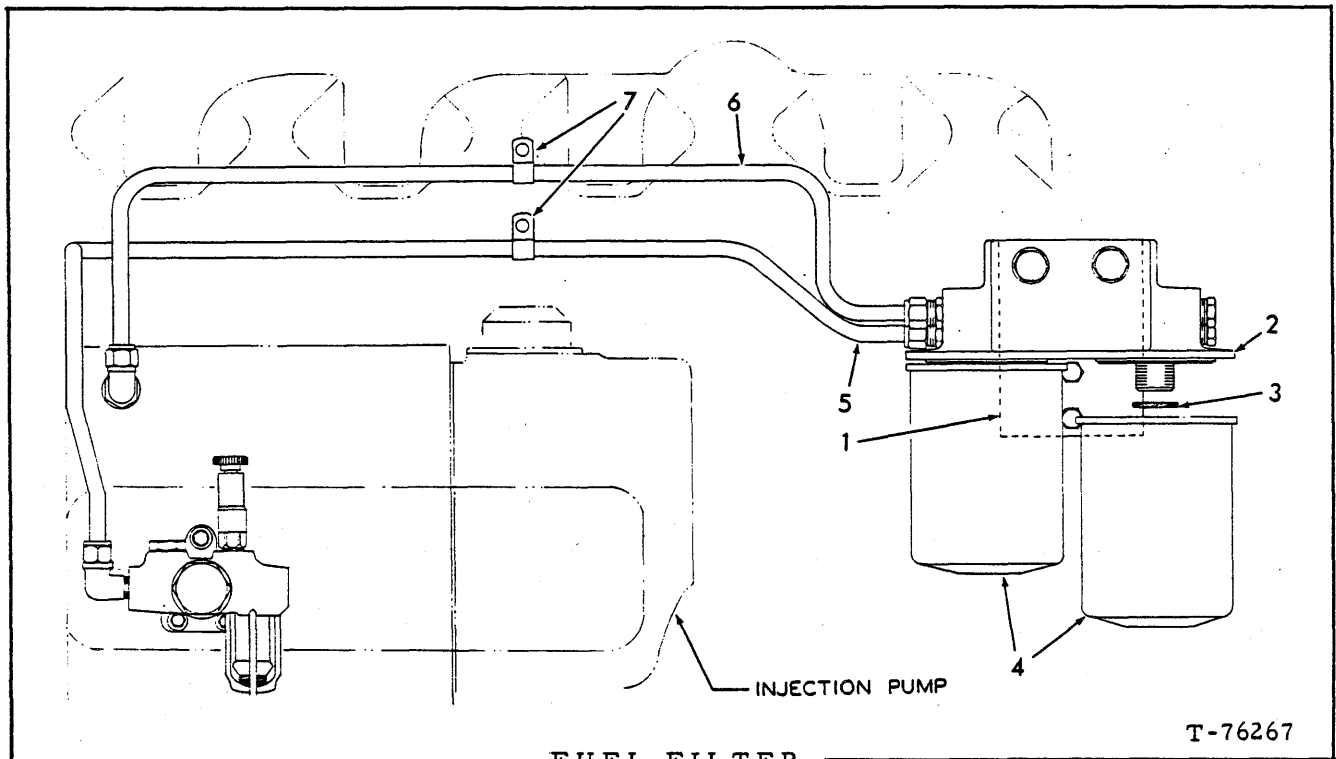
ITEM	PART NO.	QTY.	DESCRIPTION
1	74359725	1	MANIFOLD
	70901652	1	PLUG, 1/4" NPT
2	74346208	12	STUD
	70904208	12	LOCKWASHER, 1/2" } Used prior to engine S/N 11-19608
	70910325	12	NUT, 1/2" NC }
	74255914	12	CAPSCREW, 1/2" NC x 1-1/2" Nylon Insert } Effective with
	74371107	12	WASHER, 1/2" plain, hardened } engine S/N 11-19608
3	74359741	6	□ GASKET

□(Also see PACKAGED PARTS)



USAGE: Used prior to engine serial no. 11-19119 excluding serial no. 11-18336 thru 11-18779, 11-18806, 11-8944, 11-19053, 11-19059, 11-19077 and 11-19079.

ITEM	PART NO.	QTY.	DESCRIPTION
1	74357429	1	BRACKET
	70914392	4	CAPSCREW, 5/16" NC x 1"
	70904205	4	LOCKWASHER, 5/16"
2	74025229	2	BASE ASSY. (Includes insert)
	70919134	2	PLUG, pipe, hex-hd., 1/8" NPT
	70916197	4	CAPSCREW, 7/16" NC x 1-1/4"
	70904207	4	LOCKWASHER, 7/16"
	70912201	4	NUT, 7/16" NC
3	-----	2	O-RING (Not serviced seperately)
4	74028945	2	ELEMENT (Includes item 3)
5	74354392	1	TUBE
	70917810	2	NUT, Imperial, 3/8" tube
	70917807	2	SLEEVE, Imperial, 3/8" tube
	70919005	1	ELBOW, Imperial, 3/8" tube, 3/8" NPT male
	74354394	1	TEE, Imperial, 3/8" tube, 3/8" NPT male end and side
6	74354390	1	TUBE (Prior to engine s/n 11-16388; also order NUT and
	70917810	2	NUT, Imperial, 3/8" tube SLEEVE indented below)
	70917807	2	SLEEVE, Imperial, 3/8" tube
	70919005	1	ELBOW, Imperial, 3/8" tube, 3/8" NPT male
	74354394	1	TEE, Imperial, 3/8" tube, 3/8" NPT male end and side
7	74357430	1	HOSE ASSY. (See HOSE PARTS)
	70923979	1	CONNECTOR, flare type, 3/8" tube, 3/8" NPT female
	70919135	1	ELBOW, flare type, 3/8" tube, 1/4" NPT male
8	74255010	1	CLAMP

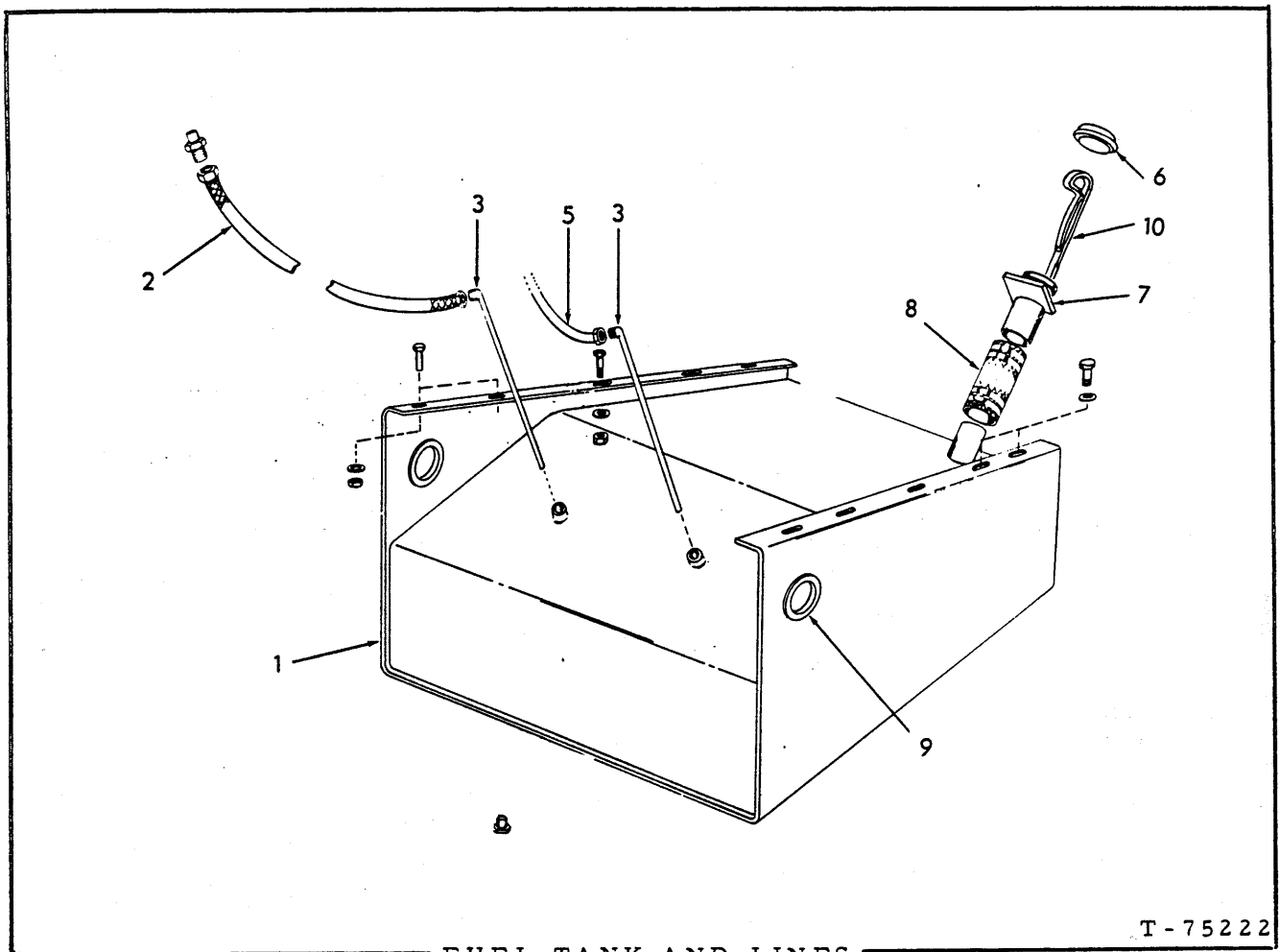


T-76267

FUEL FILTER

USAGE: Effective with engine serial no. 11-19119 including 11-18336 thru 11-18779, 11-18806, 11-18944, 11-19053, 11-19059, 11-19077 and 11-19079.

ITEM	PART NO.	QTY.	DESCRIPTION
1	74359666	1	BRACKET
	70914670	2	CAPSCREW, 5/16" NC x 1-1/4"
	70904205	2	LOCKWASHER, 5/16"
2	74393077	1	HEAD ASSY., fuel filter (Includes insert which is not serviced)
	70922577	2	PLUG, pipe, hex-hd., 9/16" str. thd. (Includes O-RING)
	70921885	2	O-RING
	70918683	2	CAPSCREW, 1/2" NC x 1-1/4"
	70904208	2	LOCKWASHER, 1/2"
	70912333	2	WASHER
3	-----	2	O-RING (Not serviced seperately)
4	74028945	2	ELEMENT, fuel filter (Includes item 3)
5	74359689	1	TUBE ASSY., transfer pump to filter (Includes NUTS and SLEEVES indented below)
	70917810	2	NUT, Imperial, 3/8" tube
	70917807	2	SLEEVE, Imperial, 3/8" tube
	70920280	1	ELBOW, Imperial, 3/8" tube, 1/4" NPT male
	74359776	1	CONNECTOR (Includes O-RING)
	70921885	1	O-RING
6	74359688	1	TUBE ASSY., filter to pump (Includes NUTS and SLEEVES indented below)
	70917810	2	NUT, Imperial, 3/8" tube
	70917807	2	SLEEVE, Imperial, 3/8" tube
	70920280	1	ELBOW, Imperial, 3/8" tube, 1/4" NPT male
	74359776	1	CONNECTOR (Includes O-RING)
	70921885	1	O-RING
7	74255740	2	CLAMP



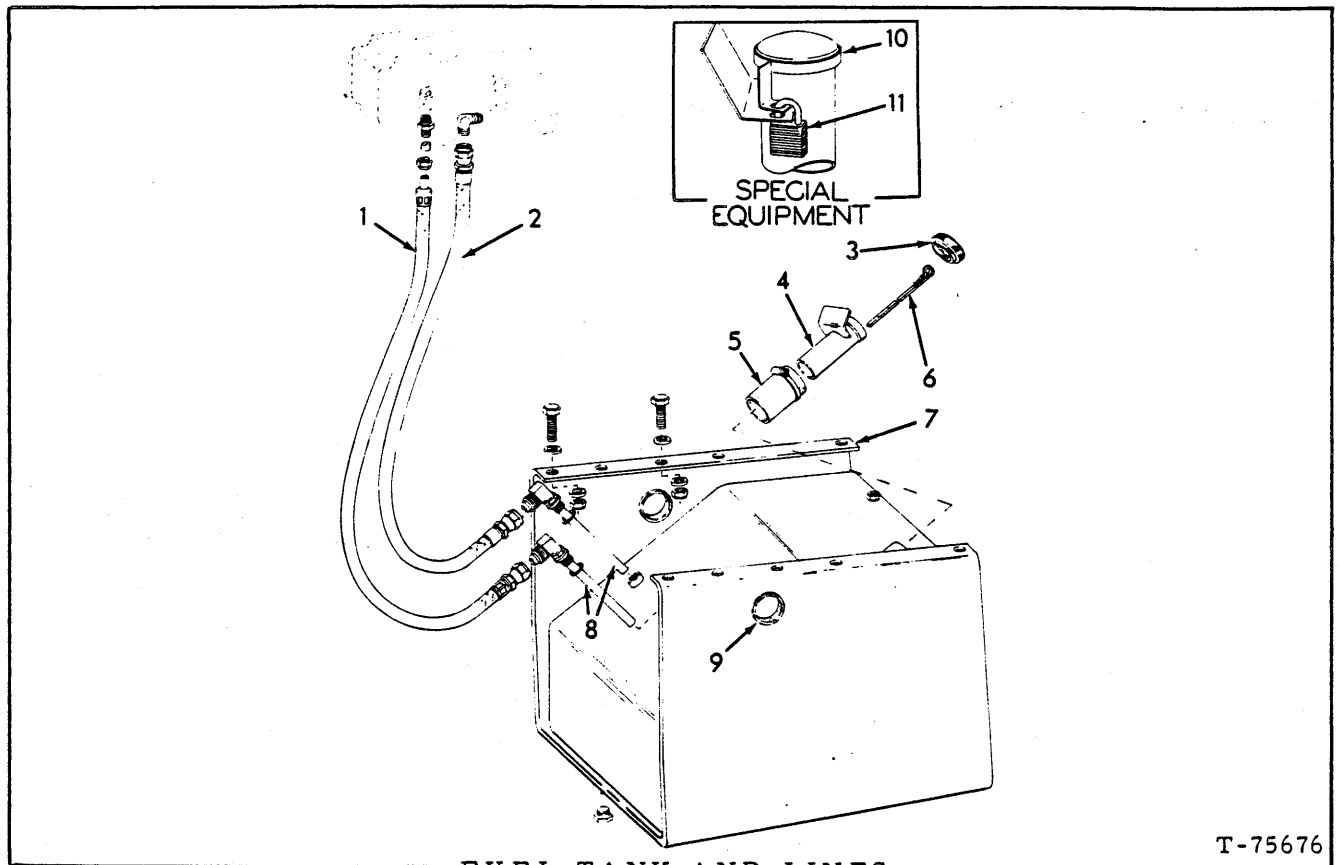
FUEL TANK AND LINES

T-75222

USAGE: Used prior to loader serial no. 23C02591 and 84U02591 excluding 23C02452 and 84U02452 thru 23C02524 and 84U02524 and 23C02532.

ITEM	PART NO.	QTY.	DESCRIPTION
1	73055292	1	TANK
	70921216	1	PLUG
	70927603	8	CAPSCREW, 5/8" NF x 3"
	70915788	2	CAPSCREW, 5/8" NF x 2-1/4"
	73026289	20	WASHER, plain (special)
	70916589	10	NUT, 5/8" NF
2	73050282	1	HOSE ASSY.
	70918809	1	CONNECTOR, 5/16" tube, 1/8" NPT
3	73047515	2	TUBE
5	73048865	1	HOSE
6	73035950	1	CAP
7	73053540	1	TUBE
8	73028393	1	HOSE
	70921915	1	CLAMP
9	-----	2	CHANNEL (Order 8" of part no. 73047354)
10	73055289	1	DIPSTICK

NOTE: The factory will furnish 25 foot rolls of rubber channel. The Dealer will furnish cut length or 25 foot rolls.



FUEL TANK AND LINES

T-75676

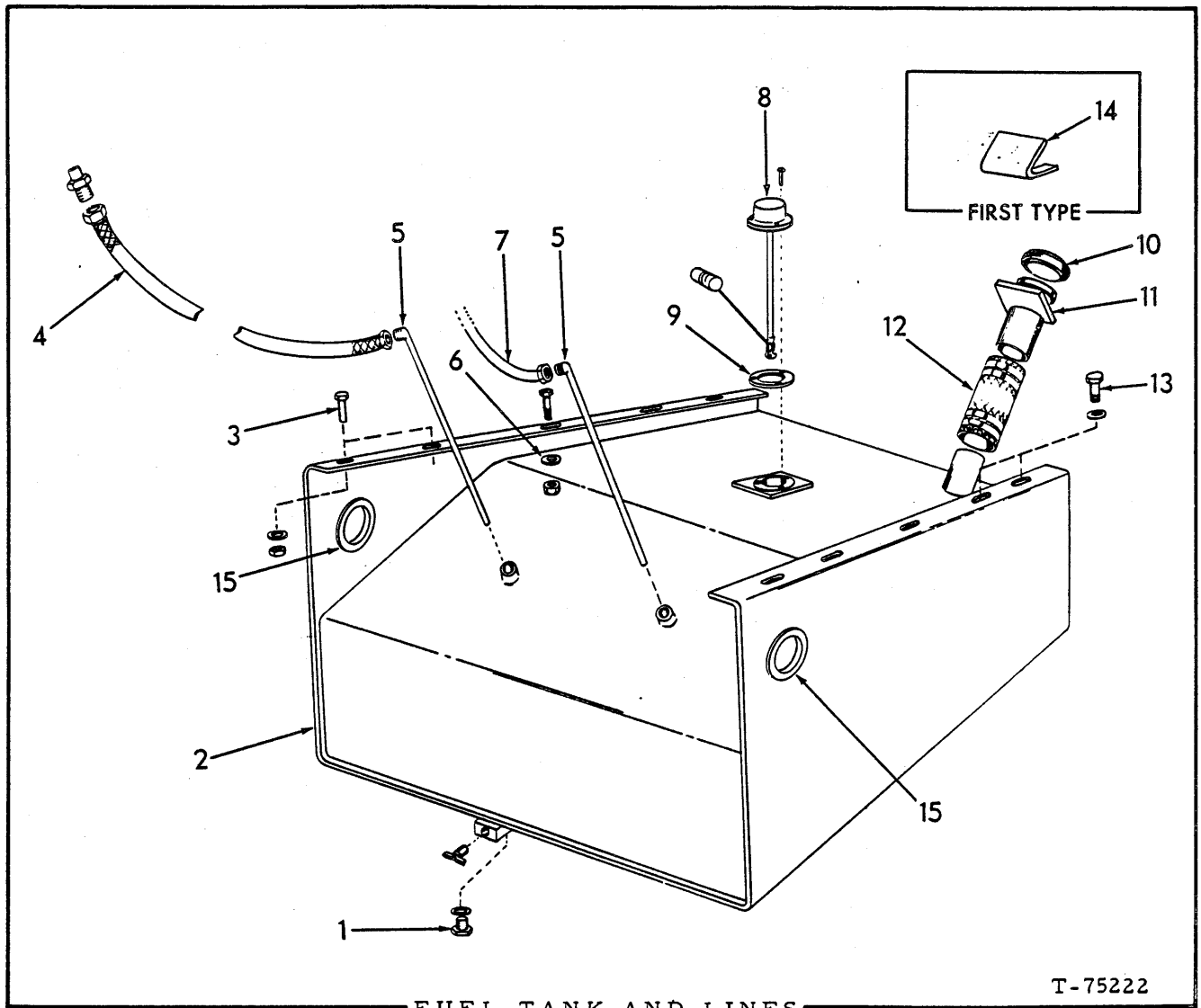
USAGE: Effective with loader serial no. 96M02591, 87L02591, 23C02591 and 84U02591

ITEM	PART NO.	QTY.	DESCRIPTION
1	73050282	1	HOSE ASSY., fuel return (Used prior to loader serial no. 02591 excluding 02452 thru 02524 and 02532)
	70918809	1		CONNECTOR, Imperial. 5/16" tube, 1/8" NPT.
	73057368	1	HOSE ASSY., fuel return (Effective with loader serial no. 02591 including 02452 thru 02524 and 02532)
	70920450	1		CONNECTOR, compression, 5/16" tube, 1/4" NPT. (Includes a SLEEVE and NUT)
	70918802	1	SLEEVE, compression, 5/16" tube
	70918804	1	NUT, compression, 5/16" tube
2	73048865	1	HOSE ASSY., tank to primer pump filter. (Used prior to loader serial no. 02591 excluding 02452 thru 02524 and 02532)
	70919062	1		CONNECTOR, male 37° flare type 3/8" tube, 1/4" taper thread (automotive)
	73057367	1	HOSE ASSY., tank to primer pump filter. (Effective with loader serial no. 02591 including 02452 thru 02524 and 02532)
	70925015	1		ELBOW, 45° flare type 1/2" tube, 3/8" NPT.
3	73035950	1	CAP
4	73053540	1	TUBE
5	73028393	1	HOSE, 3" I. D. x 4-1/4"
	70921915	4	CLAMP

(Continued)

FUEL TANK AND LINES (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
6	73055289	1	DIPSTICK
7	73055292	1	TANK
	70921216	1	PLUG
	70927603	8	CAPSCREW, 5/8" NF x 3"
	70915788	2	CAPSCREW, 5/8" NF x 2-1/4"
	73026289	20	WASHER, plain, (Special)
	70916589	10	NUT, 5/8" NF
8	73047515	2	TUBE
9	-----	2	CHANNEL (Order 8" of item 12)
10	73055488	1	CAP ASSY., fuel tank (Special Equipment)
11	70930998	1	PADLOCK (Special Equipment)(Includes 2 KEY indented below)
	70931742	2	KEY
12	73047354	-	CHANNEL (Supplied in 25' roll)



FUEL TANK AND LINES

T-75222

USAGE: Used prior to loader serial no. 96M02452 and 87L02452

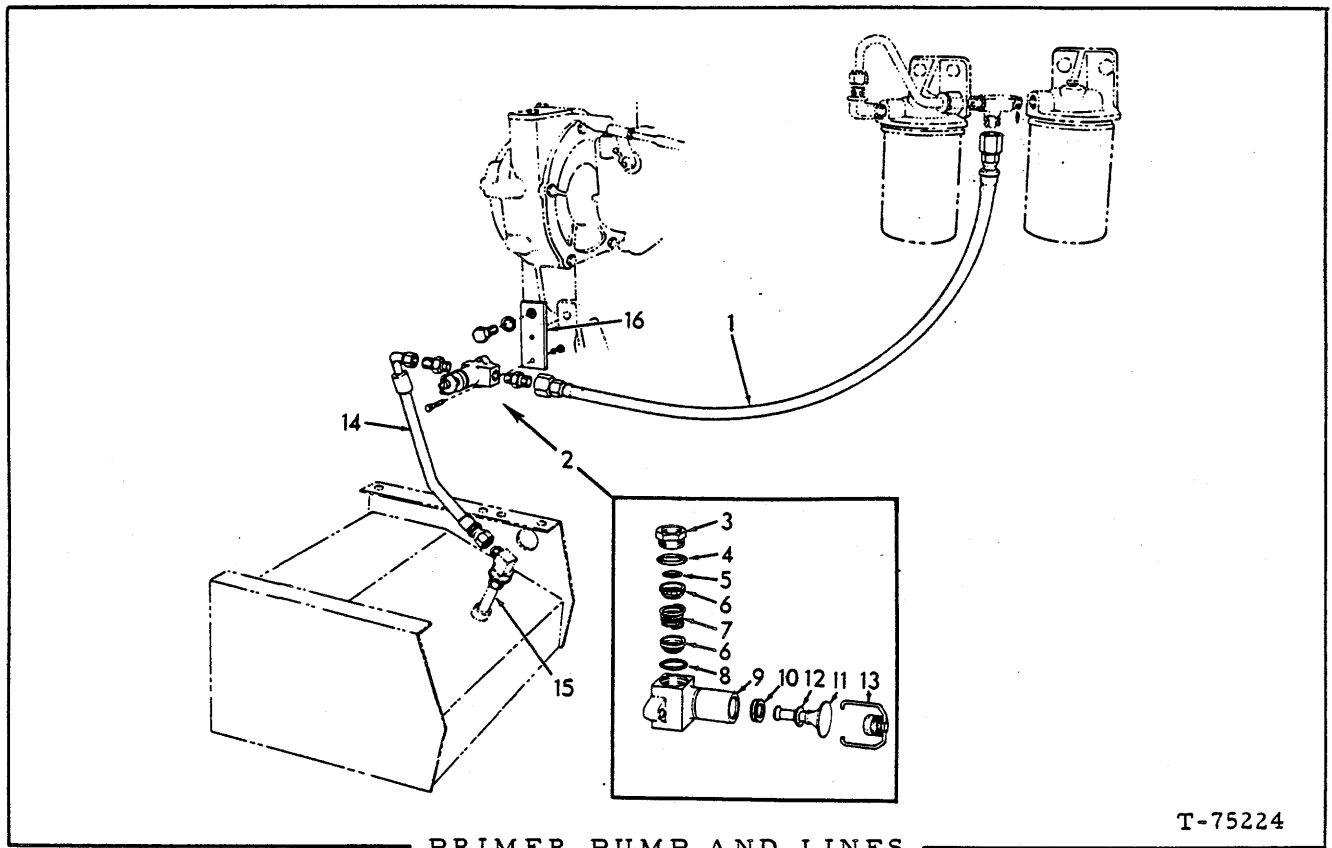
ITEM	PART NO.	QTY.	DESCRIPTION
1	73010159	1	PLUG ASSY., drain (Magnetic) (Includes GASKET)
	73010158	1	GASKET, drain plug
2	73047536	1	TANK, fuel (Used prior to loader serial no. 96M02202)
	73055292	1	TANK, fuel (Effective with loader serial no. 96M02202)
	70912415	1	COCK, drain, 1/4" NPT
	70921216	1	PLUG, flare type, 1" tube, 1-5/16" str. thd. (Includes 1 O-RING 0921214-3)
3	-----	4	CAPSCREW
	-----	4	WASHER
	-----	4	NUT
			} See ENGINE AND MOUNTING
4	73050282	1	HOSE ASSY., fuel return
	70918809	1	CONNECTOR, Imperial flex, 5/16" tube, 1/8" NPT

(Continued)

FUEL TANK AND LINES (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
5	73047515	2	TUBE
6	73026289	4	WASHER, plain
	70915788	2	CAPSCREW, 5/8" NF x 2-1/4"
	70916589	2	NUT, 5/8" NF
7	73048865	1	HOSE
8	73045189	1	SENDER, fuel gauge unit (Used prior to loader serial no. 96M02202)
	70923703	5	CAPSCREW, #10 NF x 1/2"
9	73020293	1	GASKET, fuel gauge unit (Used prior to loader serial no. 96M02202)
10	73035950	1	CAP, fuel tank filler
	70199266	1	CAP, fuel tank filler (Special Equipment - Loader serial no. 1438)
11	73104793	1	TUBE, fuel filler (Used prior to loader serial no. 96M02202)
	73053540	1	TUBE, fuel filler (Effective with loader serial no. 96M02202)
	70199265	1	TUBE, fuel filler (Special Equipment - Loader serial no. 1438)
12	73028393	1	HOSE, 3" I. D. x 4-1/4"
	70921915	4	CLAMP, adjustable
13	-----	4	CAPSCREW
	-----	8	WASHER
	-----	4	NUT
			} See RADIATOR SUPPORT, HOOD AND FENDERS
14	73048947	1	PLATE
	70915257	2	CAPSCREW, 3/8" NF x 1-1/4"
	70913528	2	NUT, safety, 3/8" NF
			} FIRST TYPE
15	-----	2	CHANNEL, rubber (order 8" of 73047354)(See NOTE)

NOTE: Factory supplies 25' roll and Dealer supplies cut length or complete roll.



PRIMER PUMP AND LINES

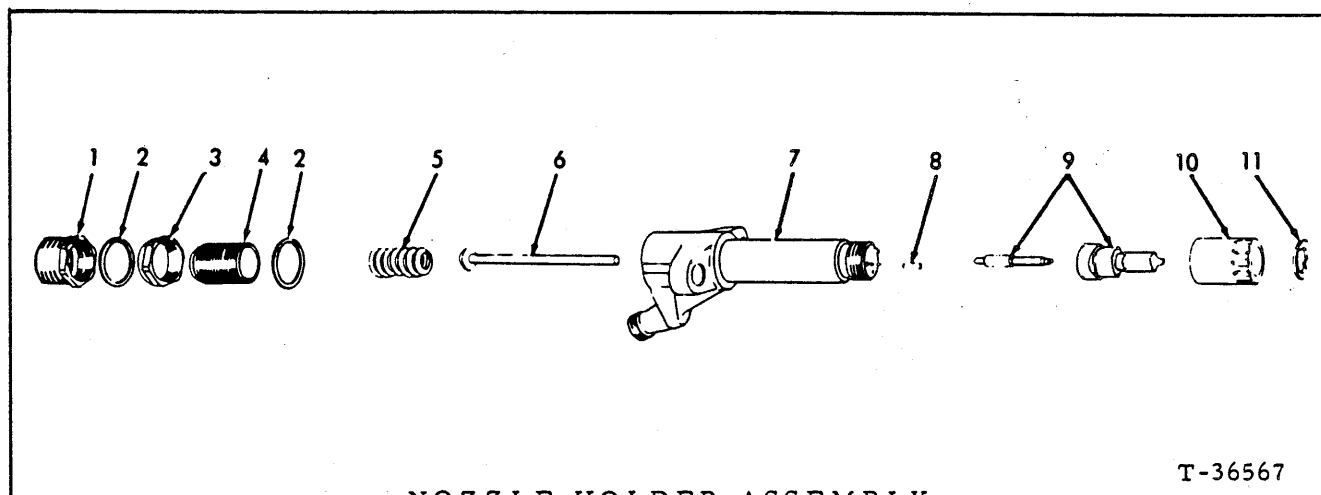
USAGE: *Used prior to loader serial No. 96M02591 and 87L02591 including 96M02452 and 87L02452 thru 96M02524 and 87L02524.
 **Used prior to loader serial No. 23C02591 and 84U02591 excluding 23C02452 and 84U02452 thru 23C02524 and 84U02524 and 23C02532.

ITEM	PART NO.	QTY. * **	DESCRIPTION
1	73048924	1 1	HOSE ASSY., pump to filter (Crimped-type - Serviced only as a unit)
	70923979	1 1	CONNECTOR, female, 3/8" tube, 9/16" str. thd.(at Filter)
	70919062	1 1	ADAPTER, flare type, 3/8" tube, 1/4"NPT male
2	74368977	1 1	PUMP ASSY., primer (Includes items 3 thru 13)
	70906795	2 2	SCREW, machine, #10NF x 1"
	70904203	2 2	LOCKWASHER, #10
	70910251	2 2	NUT, #10 NF
3	74054540	1 1	NUT
4	74050645	1 1	RING
5	74048649	1 1	SEAL
6	74050637	2 2	VALVE
7	74050638	1 1	SPRING
8	74050636	1 1	GASKET
9	-----	1 1	BODY, pump (Not serviced - order item 2)

(Continued)

PRIMER PUMP AND LINES (Continued)

ITEM	PART NO.	QTY. * **	DESCRIPTION	
10	74053035	1 1	SEAL	
11	74053037	2 2	GUIDE	
12	74053036	1 1	PLUNGER	
13	74050646	1 1	CLAMP ASSY. (Includes screw and wire - serviced only as a unit)	
14	73048865	1 1	HOSE ASSY., fuel tank to filter (Crimped-type - serviced only as a unit)	
	70919062	1 1	ADAPTER, flare type, 3/8" tube, 1/4" NPT male	
15	73047515	1	TUBE	
16	73048857	1 -	BRACKET, pump mounting (First type)	} First Type- Not Required
	70915228	2 -	CAPSCREW, 3/8"NF x 1-1/4"	
	70904206	2 -	LOCKWASHER, 3/8"	
	70911041	2 -	NUT, 3/8"NF	
	73104796	1 1	BAR, pump mounting (Second type)	
	70926115	1 1	CAPSCREW, 1/2"NC x 3/4"	
	70904208	1 -	LOCKWASHER, 1/2"	
17	-----	1 -	FILTER ASSY., fuel (Includes items 18 thru 23)	
	-----	1 -	NIPPLE	
	-----	1 -	CONNECTOR	
18	-----	1 -	HEAD	
19	-----	1 -	SCREEN	
20	-----	1 -	GASKET	
21	-----	1 -	BOWL	
22	-----	1 -	BAIL ASSY.	
23	-----	1 -	NUT	
	70919062	1 -	ADAPTER	



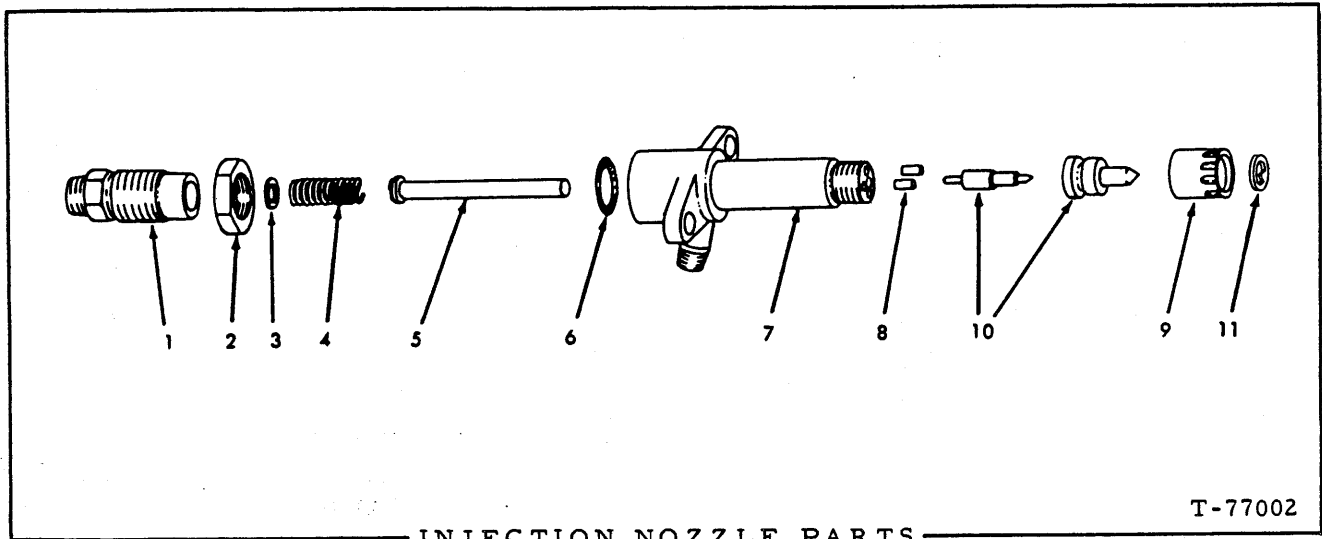
NOZZLE HOLDER ASSEMBLY

T-36567

USAGE: Used prior to engine serial no. 11-20378 (See INJECTION NOZZLES AND LINES)
 * Used prior to engine serial no. 11-12871
 ** Used engine serial no. 11-12871 thru 11-18335 and 11-18780 thru 11-20377
 *** Used engine serial no. 11-18336 thru 11-18779

ITEM	PART NO.	QTY.	* * *	DESCRIPTION
				NOTE: Quantities shown are for one (1) Nozzle only.
-	{ 74338804	1 - -		HOLDER ASSY., injection nozzle (Includes items 1 thru 11)
	{ 74359059	- 1 -		HOLDER ASSY., injection nozzle (Includes items 1 thru 11)
	{ 74359396	- - 1		HOLDER ASSY., injection nozzle (Includes items 1 thru 11)
1	{ 74378032	1 - -		NUT
	{ 74021227	- 1 1		NUT
2	74511243	2 2 2		GASKET
3	74511213	1 1 1		NUT
4	74378033	1 1 1		SCREW
5	74380652	1 1 1		SPRING
6	74380656	1 1 1		ROD
7	-----	1 1 1		BODY (Not serviced separately)
8	{ 70922943	2 2 -		PIN
	{ 74025149	- - 2		PIN
9	{ 74338803	1 1 -		NOZZLE ASSY. (Includes item 11)
	{ 74359395	- - 1		NOZZLE ASSY. (Includes item 11)
10	74380662	1 1 1		NUT
11	74378031	1 1 1		GASKET

□ (Also see PACKAGED PARTS)



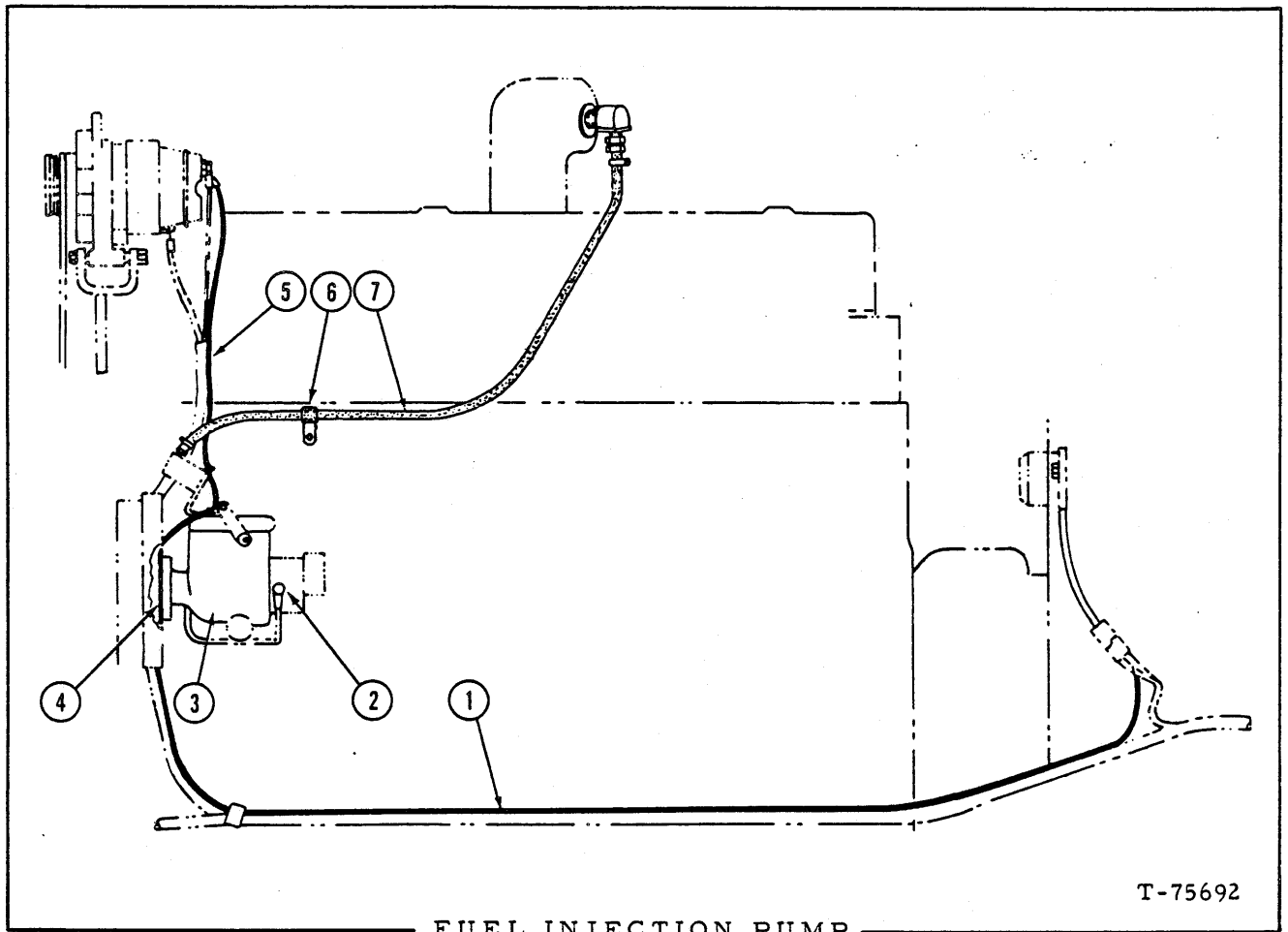
INJECTION NOZZLE PARTS

T-77002

USAGE: Effective with engine serial no. 11-20378

ITEM	PART NO.	QTY.	DESCRIPTION
-	74320642	1	HOLDER ASSY. (Not serviced, order HOLDER ASSY. 74060908 and item 10)
-	74060908	1	HOLDER ASSY. (Includes items 1 thru 9)
1	74023570	1	SCREW
2	74511213	1	NUT
3	74023571	1	WASHER
4	74380652	1	SPRING
5	74380656	1	SPINDLE
6	70928049	1	O-RING
7	-----	1	BODY (Not serviced separately)
8	74025149	2	PIN
9	74380662	1	NUT
10	74359395	1	NOZZLE ASSY. (Not a component of Holder Assy.)
11	74378031	1	□ GASKET

□Also see PACKAGED PARTS

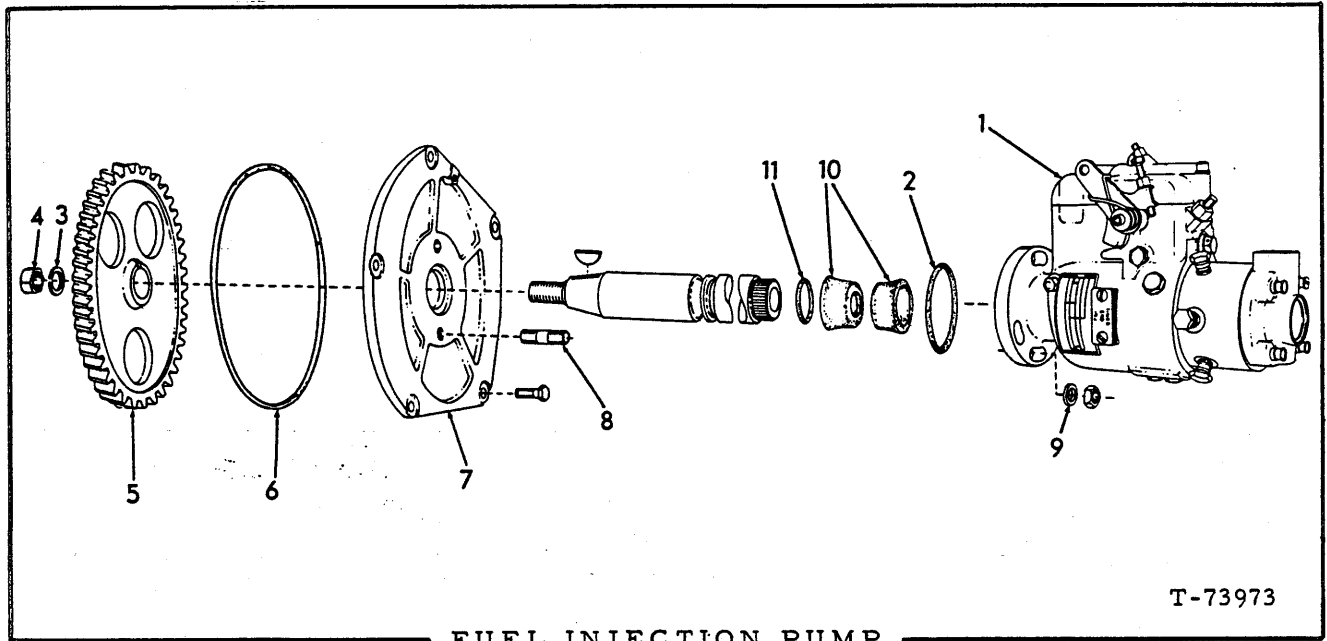


FUEL INJECTION PUMP
(With Aneroid)

T-75692

USAGE: Special Equipment. Engines equipped with Roosa Master Pumps only.

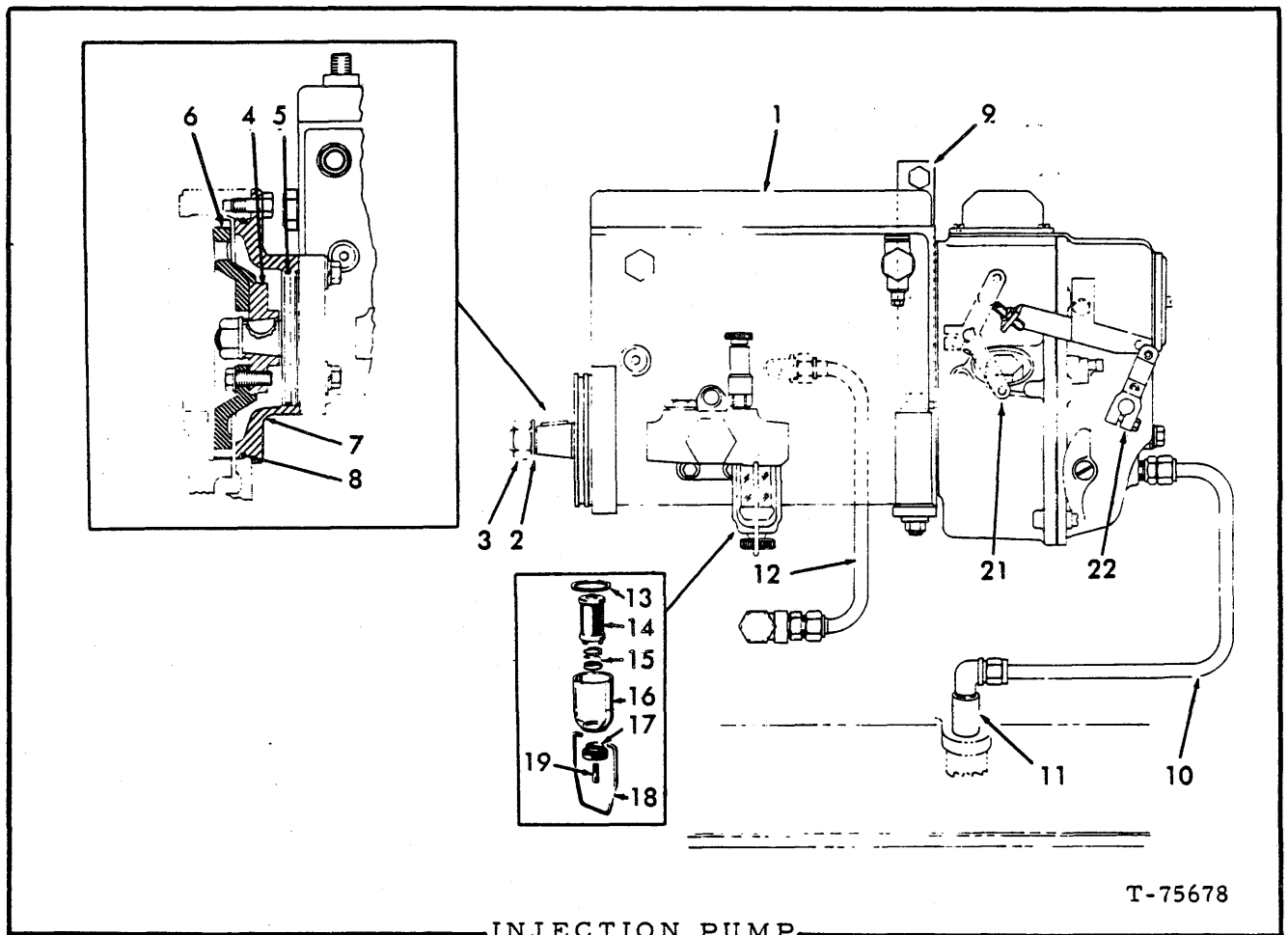
ITEM	PART NO.	QTY.	DESCRIPTION
1	73057689	1	WIRE ASSY., injection pump to connector.
2	74027748	12	WASHER, fuel line (Included in pump assy.)
3	74399875	1	PUMP ASSY., fuel injection (with aneroid) (See your Fiat-Allis Dealer for service parts)
4	74048596	1	SEAL
5	73050254	1	WIRE ASSY., injection pump to alternator.
6	74254943	1	CLAMP
	70915408	1	CAPSCREW, 3/8" N. C. x 3/4"
	70904206	1	LOCKWASHER, 3/8"
7	74359861	1	HOSE
	70918374	1	ELBOW, 90°, 1/4"
	70901834	1	BUSHING, 1/4" x 1/8"
	70928454	2	FITTING, 1/8" HOSE I. D.
	70921910	2	CLAMP



USAGE: Used prior to engine serial no. 11-19119 excluding 11-18336 thru 11-18779, 11-18806, 11-18944, 11-19053, 11-19059, 11-19077, 11-19079.

ITEM	PART NO.	QTY.	DESCRIPTION
1	74357415	1	PUMP ASSY., injection (Includes items 2 thru 4, 10 and 11) (See your Fiat-Allis dealer for parts)(Used prior to loader S/N 96M02050)
	74359238	1	PUMP ASSY., injection (Includes items 2 thru 4, 10 and 11) (Effective with loader serial no. 96M02050, 23C02248)
	70910224	1	KEY, #6 woodruff, 5/32" x 5/8"
2	74048596	1	SEAL
3	74048598	1	LOCKWASHER
4	74048597	1	NUT
5	74354362	1	GEAR, pump drive (Used prior to engine serial no. 11-14661)
	74339851	1	GEAR, pump drive (Effective engine serial no. 11-14661)
6	70924139	1	□ O-RING
7	74354955	1	COVER
	70920473	5	CAPSCREW, 3/8" NC x 3/4" (Nylok)
8	74344938	2	STUD
	70910123	2	NUT, 3/8" NF
9	74371718	2	WASHER, serrated
10	74052540	2	SEAL
11	74369599	1	SEAL

□ (Also see PACKAGED PARTS)



USAGE: Effective with engine serial no. 11-19119 including 11-18336 thru 11-18779, 11-18806, 11-18944, 11-19053, 11-19059, 11-19077, 11-19079.

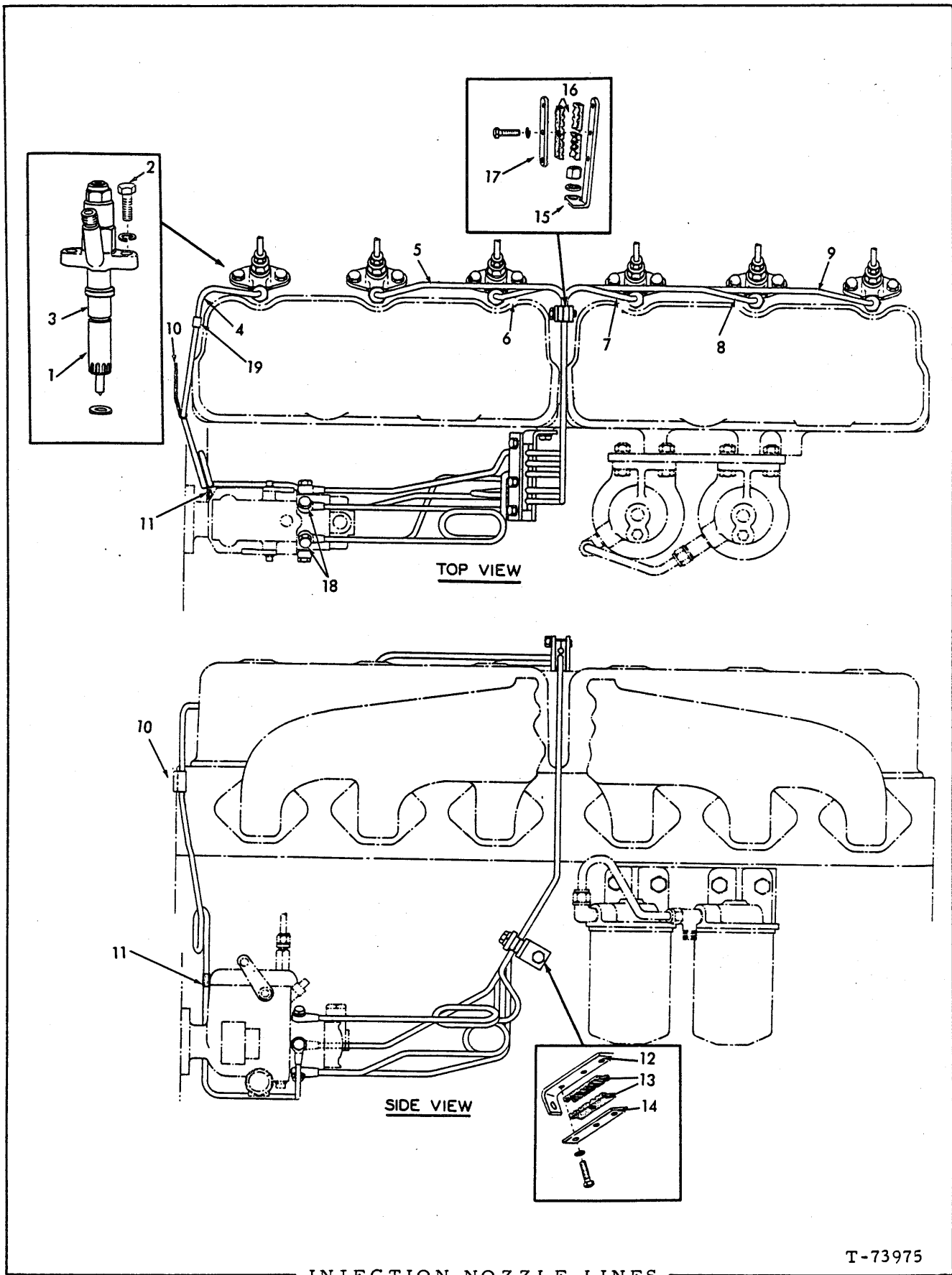
ITEM	PART NO.	QTY.	DESCRIPTION
1	74359828	1	PUMP ASSY., injection (Includes items 2 thru 5)
	74060141	1	KEY
	70914847	4	CAPSCREW, 3/8" NC x 1-1/2"
	70916275	1	CAPSCREW, 3/8" NC x 3-3/4"
	74344674	2	WASHER, plain
	70904206	4	LOCKWASHER, 3/8"
	70914900	4	WASHER, plain
	70910324	1	NUT, 3/8" NC
	70919840	1	PLUG, pipe, 1/4" NPT
2	74060140	1	LOCKWASHER
3	74060139	1	NUT
4	74359663	1	ADAPTER
5	74060799	1	O-RING
6	74359345	1	GEAR
	74255060	3	CAPSCREW, 3/8" NC x 1"

(Continued)

INJECTION PUMP (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
7	74359911	1	COVER, pump mounting (Prior to engine S/N 11-18620 also order 1 PLUG 70918887 and 1 SETSCREW 70922747)
	70918887	2	PLUG, pipe
	70920473	4	CAPSCREW, Nylok, 3/8" NC x 3/4"
	70922747	1	SETSCREW, Nylok
8	70924139	1	□ O-RING
9	74359348	1	BRACKET
	70915408	1	CAPSCREW, 3/8" NC x 3/4"
	70904206	1	LOCKWASHER, 3/8"
10	74359661	1	TUBE ASSY., (Includes NUTS and SLEEVES)
	70917810	2	NUT, Imperial, 3/8" tube
	70917807	2	SLEEVE, Imperial, 3/8" tube (rubber)
	70920279	1	CONNECTOR, Imperial, 3/8" tube, 1/4" PT
	70920280	1	ELBOW, Imperial, 3/8" tube, 1/4" PT
11	74359667	1	PIPE
12	74359344	1	TUBE ASSY., (Includes NUT and SLEEVE)
	70917810	2	NUT, Imperial, 3/8" tube
	70917807	2	SLEEVE, Imperial, 3/8" tube
	70920790	1	ELBOW, Imperial, 3/8" tube, 1/8" PT
	70919860	1	TEE, 1/8" NPT
	70919134	1	PLUG, pipe, 1/8" NPT
	70921372	1	CONNECTOR, 3/8" tube, 1/8" NPT
13	74060177	1	GASKET
14	74060175	1	FILTER
15	74060178	1	SPRING
16	74060176	1	HOUSING, filter (glass)
17	74060180	1	NUT
18	74060179	1	CLIP
19	74060181	1	BOLT
20	74393286	1	LEVER
21	74393260	1	LEVER
	70916277	1	CAPSCREW, 5/16" NC x 5/8"
	70904205	1	LOCKWASHER, 5/16"

□ (Also see PACKAGED PARTS)



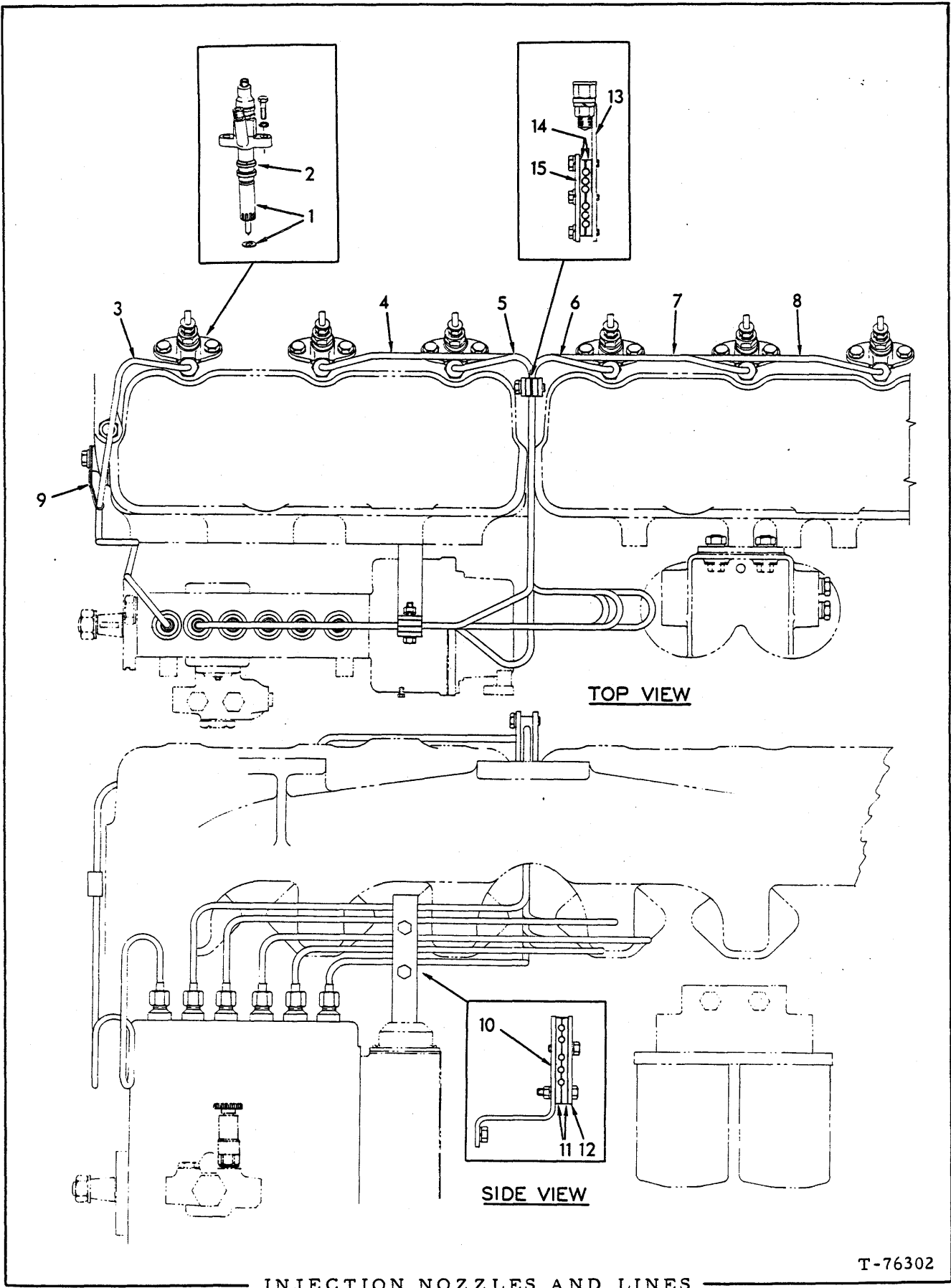
INJECTION NOZZLE LINES

T-73975

INJECTION NOZZLE LINES

USAGE: Used prior to engine serial no. 11-19119 excluding serial no. 11-18336 thru 11-18779, 11-18806, 11-18944, 11-19053, 11-19059, 11-19077 and 11-19079.

ITEM	PART NO.	QTY.	DESCRIPTION
1	-----	6	See NOZZLE HOLDER ASSY.
2	70914847	12	CAPSCREW, 3/8" NF x 1-5/8"
	70904206	12	LOCKWASHER, 3/8"
3	74025385	12	SHIELD
4	74357434	1	TUBE (#1 cylinder)
5	74339559	1	TUBE (#2 cylinder)
6	74339560	1	TUBE (#3 cylinder)
7	74339561	1	TUBE (#4 cylinder)
8	74339562	1	TUBE (#5 cylinder)
9	74339563	1	TUBE (#6 cylinder)
10	74339136	1	CLIP (#1 cylinder)
11	74354831	1	CLIP (#1 cylinder)
	70916284	1	CAPSCREW, 1/4" NC x 1/2"
	70904204	1	LOCKWASHER, 1/4"
12	74339712	1	BRACKET
	70915809	1	CAPSCREW, 5/16" NC x 3/4"
	70904205	1	LOCKWASHER, 5/16"
13	74336532	2	SPACER
14	74336531	1	PLATE
	70914670	3	CAPSCREW, 5/16" NC x 1-1/8"
	70904205	3	LOCKWASHER, 5/16"
15	74336249	1	BRACKET
	70919423	1	NUT, 1/2" NF
	70904208	1	LOCKWASHER, 1/2"
	70911414	-	WASHER, plain, 1/2 (Use as required to maintain
16	74507359	4	SPACER correct height)
17	74336250	1	CLAMP
	70914670	3	CAPSCREW, 5/16" NC x 1-1/8"
	70904205	3	LOCKWASHER, 5/16"
18	74027748	12	WASHER (Included in Pump Assy.)
19	74513552	1	CLAMP
	74359106	1	SPACER
	70916278	1	CAPSCREW, 5/16" NC x 1/2"
	70904205	1	LOCKWASHER, 5/16"
	70910323	1	NUT, 5/16" NC



INJECTION NOZZLES AND LINES

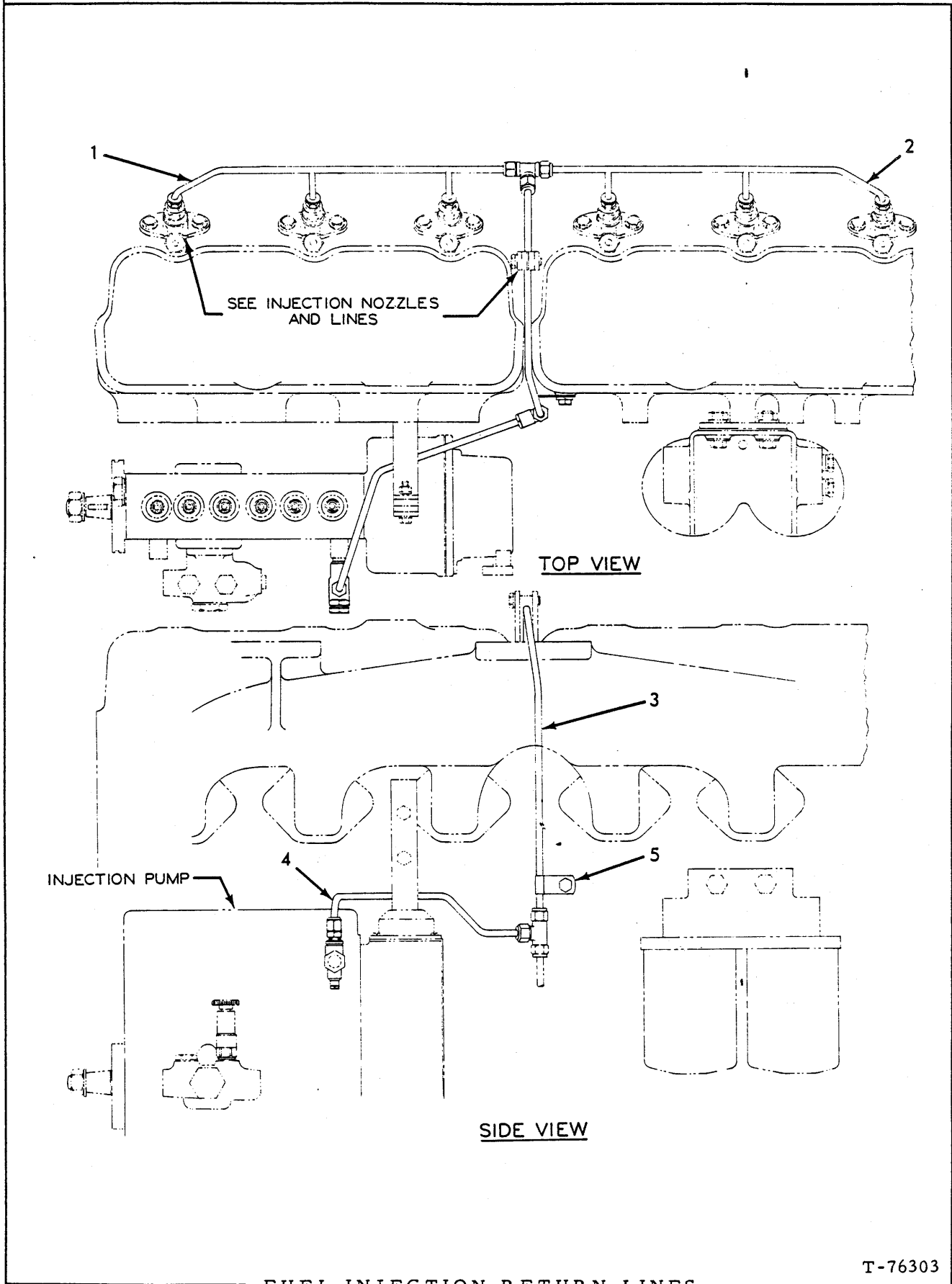
T-76302

INJECTION NOZZLES AND LINES

USAGE: Effective with engine serial no. 11-19119 including 11-18336 thru 11-18779, 11-18806, 11-18944, 11-19053, 11-19059, 11-19077 and 11-19079)

ITEM	PART NO.	QTY.	DESCRIPTION
1	-----	6	See NOZZLE HOLDER ASSY.
	70914847	12	CAPSCREW, 3/8" NC x 1-1/2"
	70904206	12	LOCKWASHER, 3/8"
2	74025385	12	SHIELD, dirt
3	74359326	1	TUBE ASSY., fuel injection (#1 cylinder)
4	74359327	1	TUBE ASSY., fuel injection (#2 cylinder)
5	74359328	1	TUBE ASSY., fuel injection (#3 cylinder)
6	74359329	1	TUBE ASSY., fuel injection (#4 cylinder)
7	74359330	1	TUBE ASSY., fuel injection (#5 cylinder)
8	74359331	1	TUBE ASSY., fuel injection (#6 cylinder)
9	74339207	1	CLIP, injection tube (#1 cylinder)
10	74359333	1	BRACKET
	70915408	1	CAPSCREW, 3/8" NC x 3/4"
	70904206	1	LOCKWASHER, 3/8"
11	74336532	2	SPACER
12	74359334	1	PLATE
	70914670	1	CAPSCREW, 5/16" NC x 1-1/8"
	70916279	1	CAPSCREW, 5/16" NC x 1-1/2"
	70904205	2	LOCKWASHER, 5/16"
	70910323	1	NUT, 5/16" NC
13	74336249	1	BRACKET
	70919423	1	NUT, 1/2" NF
	70904208	1	LOCKWASHER, 1/2"
	70911414	3	WASHER (Use as required to maintain correct height)
14	74507359	4	SPACER
15	74336250	1	CLAMP
	70914670	3	CAPSCREW, 5/16" NC x 1-1/8"
	70904205	3	LOCKWASHER, 5/16"

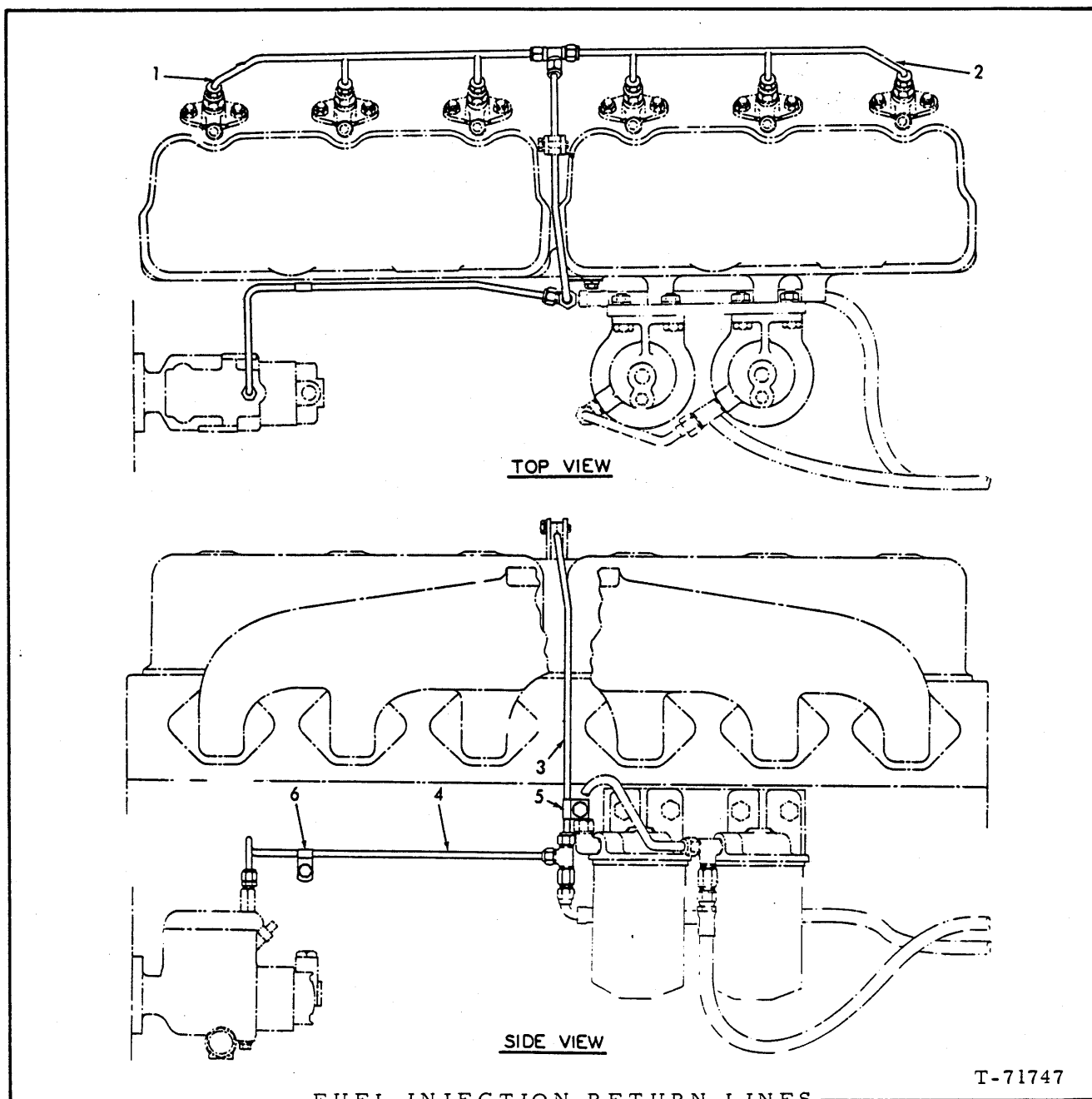
} Includes nuts



FUEL INJECTION RETURN LINES

USAGE: Used with engine serial no. 11-19119 including 11-18336 thru 11-18779, 11-18806, 11-18944, 11-19053, 11-19059, 11-19077 and 11-19079 thru 11-20737. (Also see p. 72)

ITEM	PART NO.	QTY.	DESCRIPTION
1	74336680	1	MANIFOLD, front
	70917809	4	NUT, Imperial, 1/4" tube
	70917806	4	SLEEVE, Imperial, 1/4" tube
2	74336681	1	MANIFOLD, rear
	70917809	4	NUT, Imperial, 1/4" tube
	70917806	4	SLEEVE, Imperial, 1/4" tube
3	74359678	1	TUBE
	70917809	2	NUT, Imperial, 1/4" tube
	70917806	2	SLEEVE, Imperial, 1/4" tube
	70919797	1	TEE, union, Imperial, 1/4" tube
4	70924189	1	ELBOW, Imperial, 1/4" tube
	74359337	1	TUBE
	70917809	2	NUT, Imperial, 1/4" tube
	70917806	2	SLEEVE, Imperial, 1/4" tube
5	70917812	1	CONNECTOR, Imperial, 1/4" tube, 1/8" NPT male
	74339949	1	CLAMP
	70916277	1	CAPSCREW, 5/16" NC x 5/8"
	70904205	1	LOCKWASHER, 5/16"



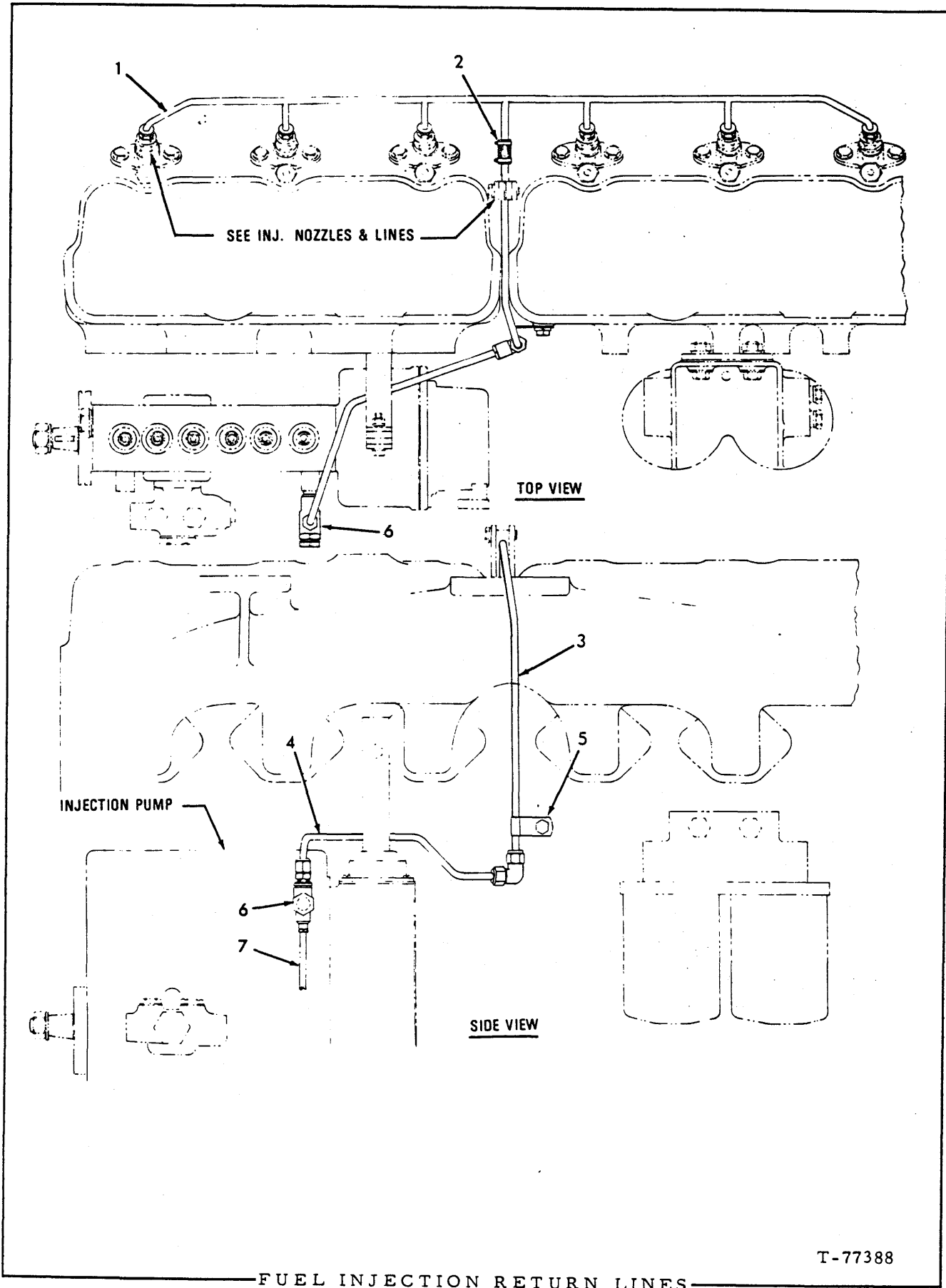
USAGE: Used prior to engine serial no. 11-19119 excluding 11-18336 thru 11-18779, 11-18806, 11-18944, 11-19053, 11-19077 and 11-19079 (Also see p. 71)

ITEM	PART NO.	QTY.	DESCRIPTION
1	74336680	1	MANIFOLD, front (Prior to engine serial no. 11-16490 also order NUTS and SLEEVES indented below)
	70917809	4	NUT, Imperial, 1/4" tube
	70917806	4	SLEEVE, Imperial, 1/4" tube
	70919800	3	CONNECTOR, Imperial, 1/4" tube, 1/8" NPT male (Used prior to engine serial no. 11-12871)

(Continued)

FUEL INJECTION RETURN LINES (Continued)

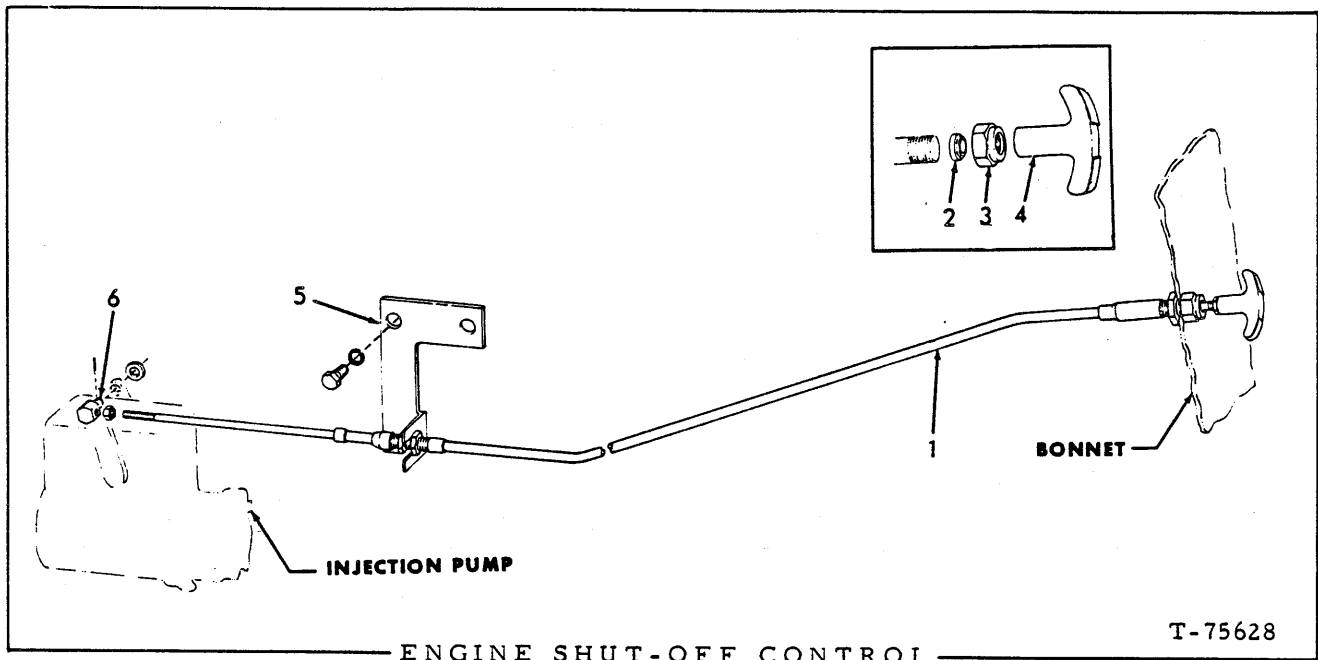
ITEM	PART NO.	QTY.	DESCRIPTION
2	74336681	1	MANIFOLD, rear (Prior to engine serial no. 11-17107 also order NUT and SLEEVE indented below)
	70917809	4	NUT, Imperial, 1/4" tube
	70917806	4	SLEEVE, Imperial, 1/4" tube
	70919800	3	CONNECTOR, Imperial, 1/4" tube, 1/8" NPT male (Used prior to engine serial no. 11-12871)
3	74339692	1	TUBE, manifold return (Prior to engine serial no. 11-16388 also order NUT and SLEEVE indented below)
	70917809	2	NUT, Imperial, 1/4" tube
	70917806	2	SLEEVE, Imperial, 1/4" tube
	70919797	1	TEE, union, Imperial, 1/4" tube
	70920411	1	TEE, service, Imperial, 1/4" tube, 1/8" NPT male
4	74339690	1	TUBE, pump return (Prior to engine serial no. 11-16388 also order NUT and SLEEVE indented below)
	70917809	2	NUT, Imperial, 1/4" tube
	70917806	2	SLEEVE, Imperial, 1/4" tube
	70919800	1	CONNECTOR, Imperial, 1/4" tube, 1/8" NPT male
5	74339949	1	CLAMP
	70916277	1	CAPSCREW, 5/16" NC x 5/8"
	70904205	1	LOCKWASHER, 5/16"
6	74253435	1	CLAMP
	70916277	1	CAPSCREW, 5/16" NC x 5/8"
	70904205	1	LOCKWASHER, 5/16"



FUEL INJECTION RETURN LINES

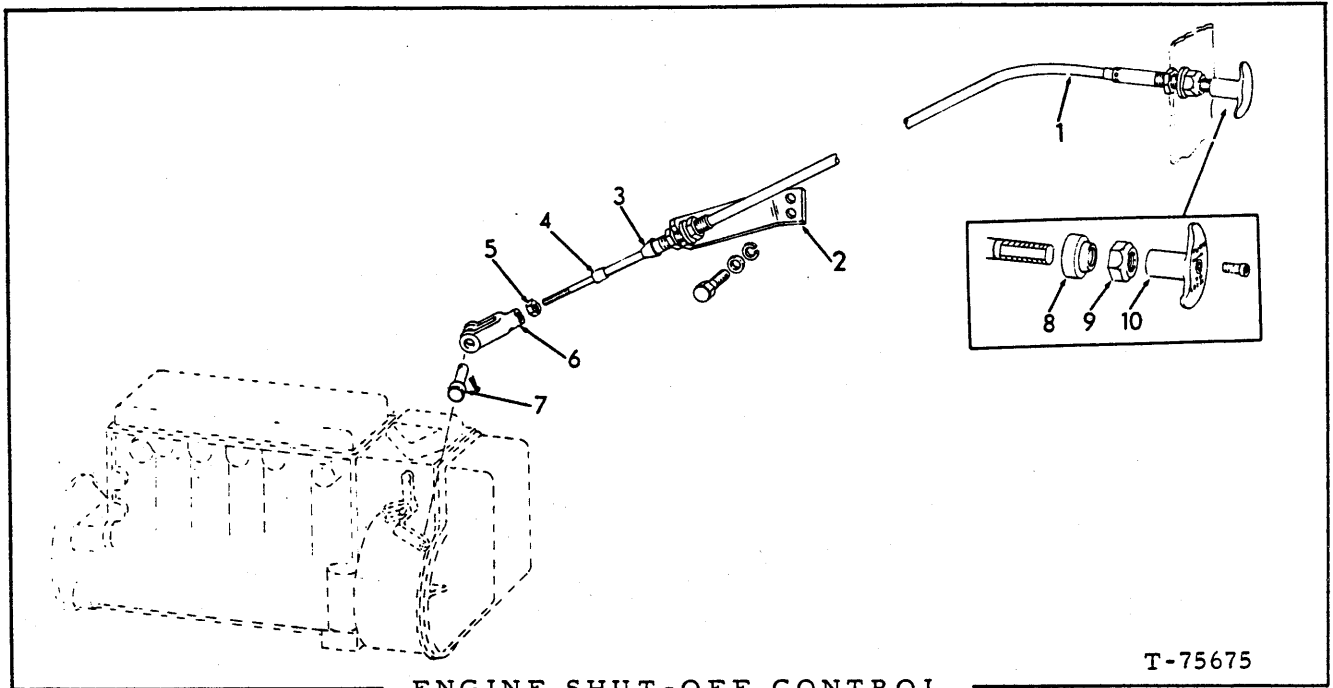
USAGE: Effective with engine serial no. 11-20378

ITEM	PART NO.	QTY.	DESCRIPTION
1	74320638	1	MANIFOLD
	70917809	6	NUT, Imperial, 1/4" tube
	70917806	6	SLEEVE, Imperial, 1/4" tube
2	74514780	1	HOSE
	74255203	2	CLAMP
3	74320637	1	TUBE
	70917809	1	NUT, Imperial, 1/4" tube
	70917806	1	SLEEVE, Imperial, 1/4" tube
	70924189	1	ELBOW, 1/4" tube, Imperial, 1/4" tube, 1/8" NPT male
4	74359337	1	TUBE
	70917809	2	NUT, Imperial, 1/4" tube
	70917806	3	SLEEVE, Imperial, 1/4" tube
	70919800	1	CONNECTOR, Imperial, 1/4" tube, 1/8" NPT male
5	74716090	1	CLAMP
	70916277	1	CAPSCREW, 5/16" NC x 5/8"
	70904205	1	LOCKWASHER, 5/16"
6	-----	-	See FUEL INJECTION PUMP Parts Catalog
7	-----	-	See FUEL TANK AND LINES



USAGE: Used prior to loading serial No. 96M02591, 87L02591, and 23C02591, 84U02591 excluding 96M02452, 87L02452, 23C02452, 84U02452 thru 96M02524, 87L02524, 23C02524, 84U02524 and 23C02532.

ITEM	PART NO.	QTY.	DESCRIPTION
1	70659123	1	CABLE ASSY., push-pull (Includes items 2 thru 4 and hardware indented below)
	70910251	1	NUT, jam, #10 NF
	70906985	3	WASHER, plain, U.S. std., 3/8"
	70910876	3	NUT, 3/8"NF
2	70657709	1	SEAL
3	70657707	1	NUT
4	70666359	1	HANDLE
5	70650317	1	BRACKET
	70915408	2	CAPSCREW, 3/8"NC x 3/4"
	70904206	2	LOCKWASHER, 3/8"
6	70242038	1	PIN
	70914686	1	WASHER, plain, 9/16" (copper)
	70900970	1	PIN, cotter, 1/16" x 1/2"
7	70680580	1	SEAL
8	70680581	1	SEAL

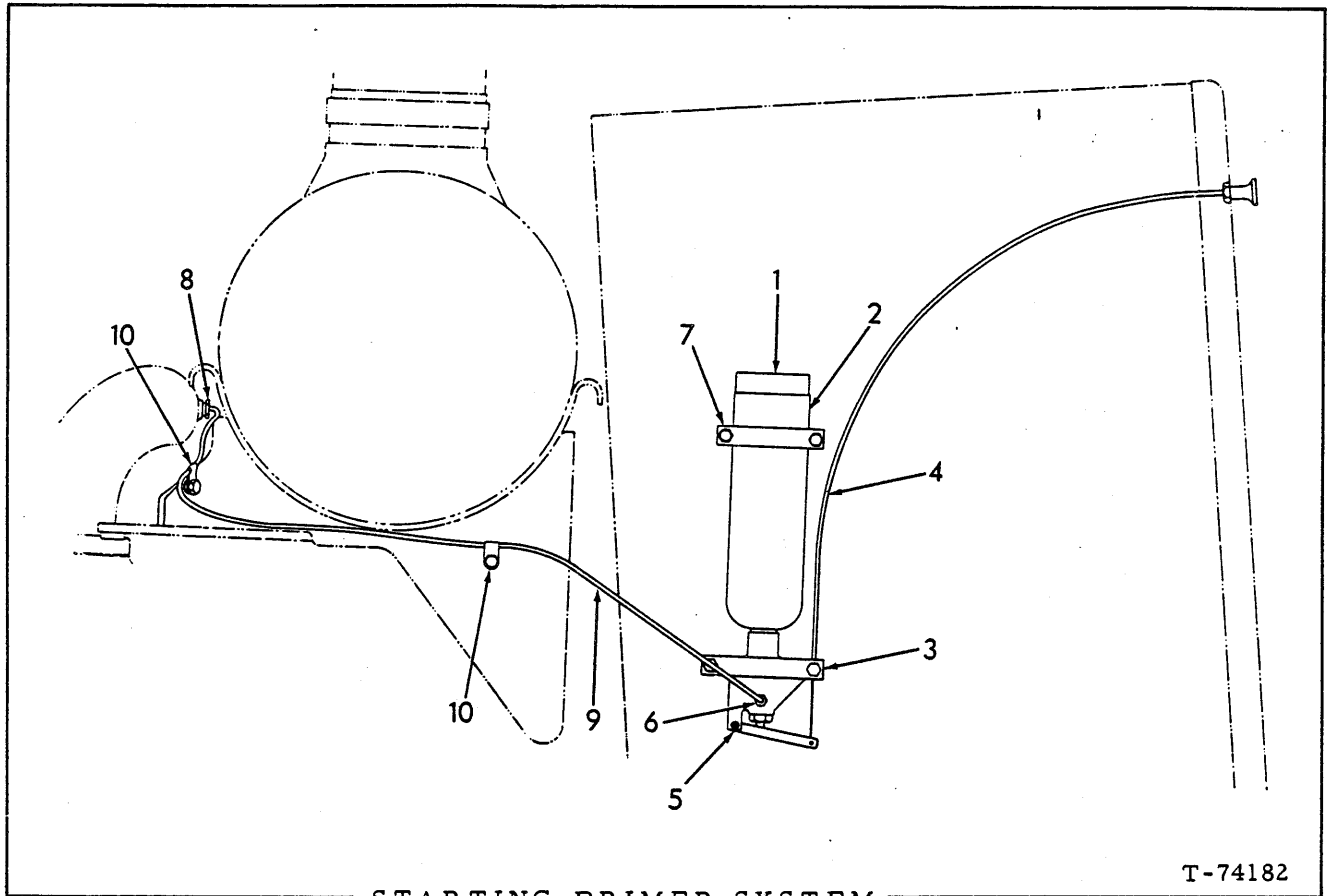


T-75675

ENGINE SHUT-OFF CONTROL

USAGE: Effective with loader serial no. 96M02591, 87L02591, 23C02591 and 84U02591 including 96M02452, 87L02452, 23C02452, and 84U02452 thru 96M02524, 87L02524 and 23C02524, 84U02524 and 23C02532.

ITEM	PART NO.	QTY.	DESCRIPTION
1	73057138	1	CABLE ASSY., push-pull (Includes items 3, 4, 5, 8, 9, 10 and hardware indented below).
	70918906	1	WASHER
	70922014	1	NUT
	70928495	2	WASHER
	70922471	2	NUT
2	73057137	1	BRACKET
	70914670	2	CAPSCREW, 5/16" NC x 1-1/8"
	70044973	2	WASHER, plain
	70904205	2	LOCKWASHER, 5/16"
3	73057780	1	SEAL
4	73057779	1	SEAL
5	73057781	1	NUT, #10 NF
6	70196606	1	CLEVIS ASSY., control cable (Includes item 7)
7	70628738	1	PIN
	70900970	1	PIN, cotter, 1/16" x 1/2"
8	73057778	1	SEAL
9	73057777	1	NUT
10	70197211	1	HANDLE
	70901781	1	SCREW, machine, #10 NC x 1/2"

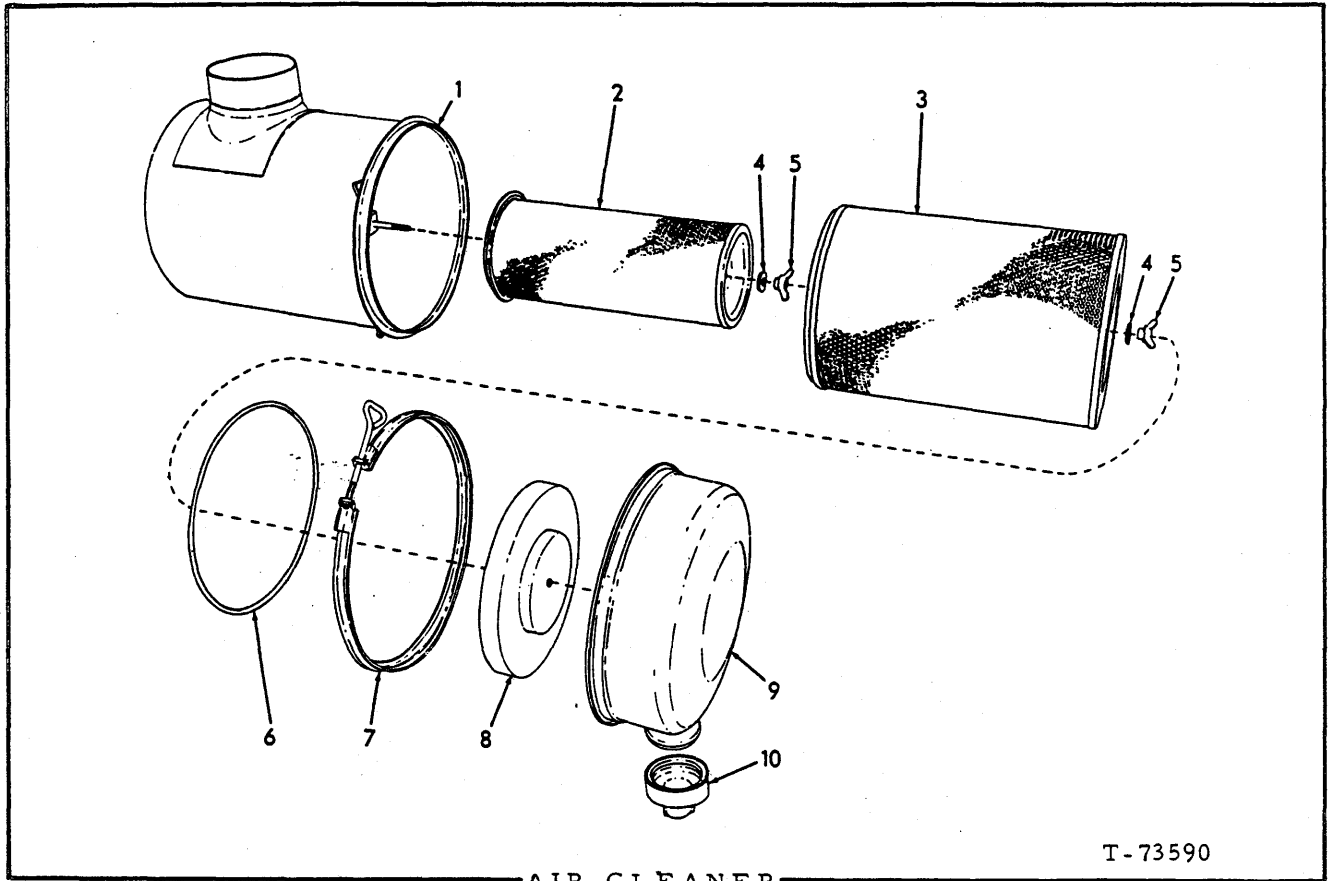


STARTING PRIMER SYSTEM

T-74182

USAGE: Special Equipment

ITEM	PART NO.	QTY.	DESCRIPTION
1	73103295	1	STARTING ASSY. (Includes items 2 thru 8)
	70923341	4	CAPSCREW, cd. pltd., 1/4" NC x 3/4"
	70916964	4	LOCKWASHER, pltd., 1/4"
	70916622	4	NUT, cd. pltd., 1/4" NC
2	70240028	1	CYLINDER
3	73100074	1	VALVE ASSY. (Includes bracket)
4	70251888	1	CABLE
5	73100824	1	SCREW
	73100825	1	STOP
6	73052086	1	ELBOW, 1/8" tube
7	73052081	1	CLAMP
8	73103293	1	ATOMIZER
9	-----	1	TUBE (Order 33" of item 11)
10	70925615	2	CLIP
	70916270	2	CAPSCREW, 3/8" NC x 1/2"
	70916965	2	LOCKWASHER, pltd., 3/8"
11	73052091	-	TUBING, copper, 1/8" O.D. x 48" long (Use as req'd)

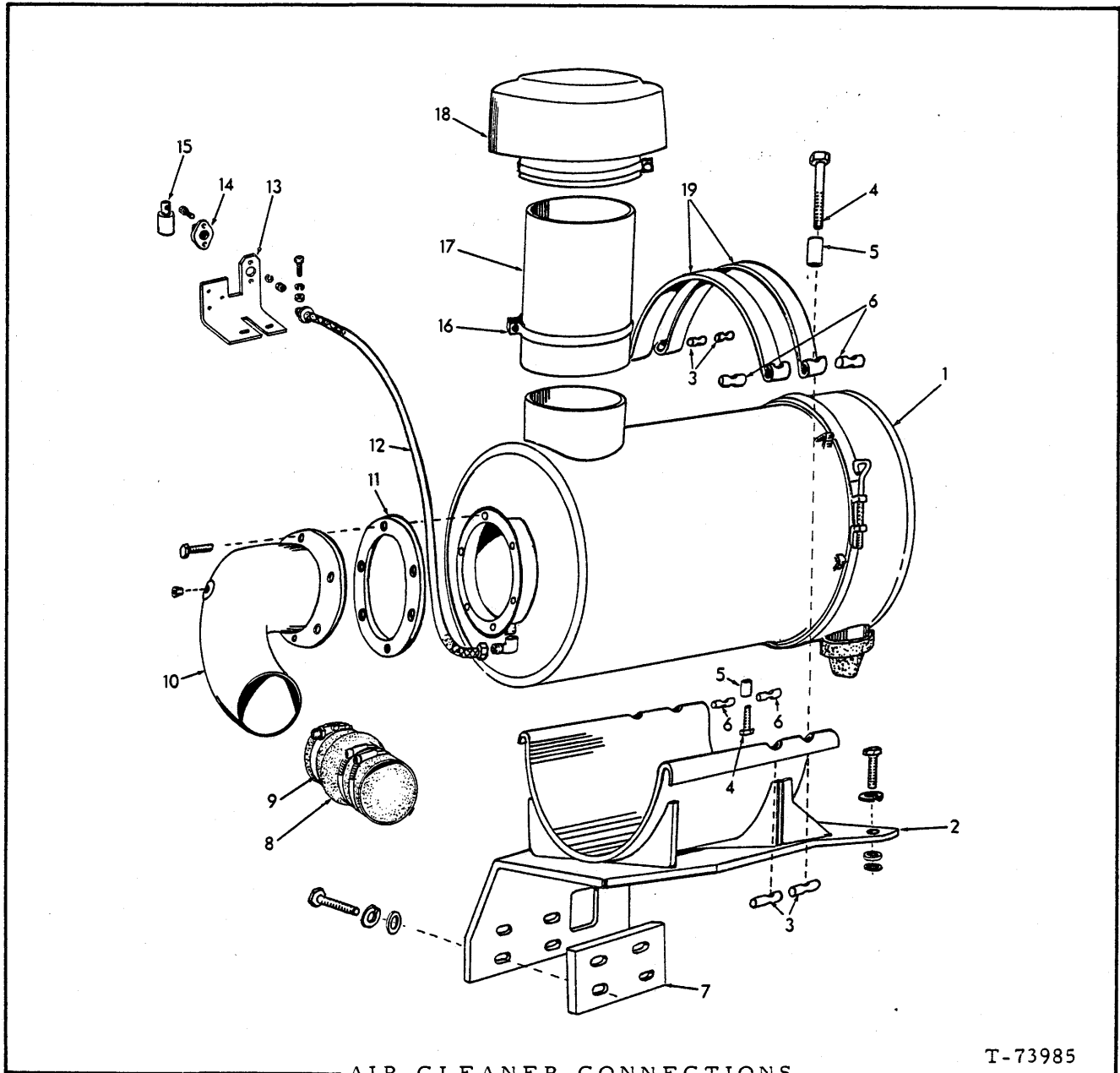


T-73590

AIR CLEANER

USAGE: See AIR CLEANER CONNECTIONS

ITEM	PART NO.	QTY.	DESCRIPTION
-	70662618	1	CLEANER ASSY. (includes items 1 thru 10)
1	-----	1	BODY (not serviced - order complete CLEANER ASSY.)
2	70662477	1	ELEMENT ASSY., safety (inner)
3	70684734	1	ELEMENT ASSY., filtering (outer)
4	-----	2	GASKET (order item 5)
5	70239517	2	NUT ASSY. (includes item 4)
6	70620721	1	O-RING
7	70621530	1	CLAMP ASSY. (includes tightening screw)
8	70661162	1	BAFFLE ASSY. (includes wing nut)
9	70661163	1	CUP
10	70197810	1	VALVE



AIR CLEANER CONNECTIONS

T-73985

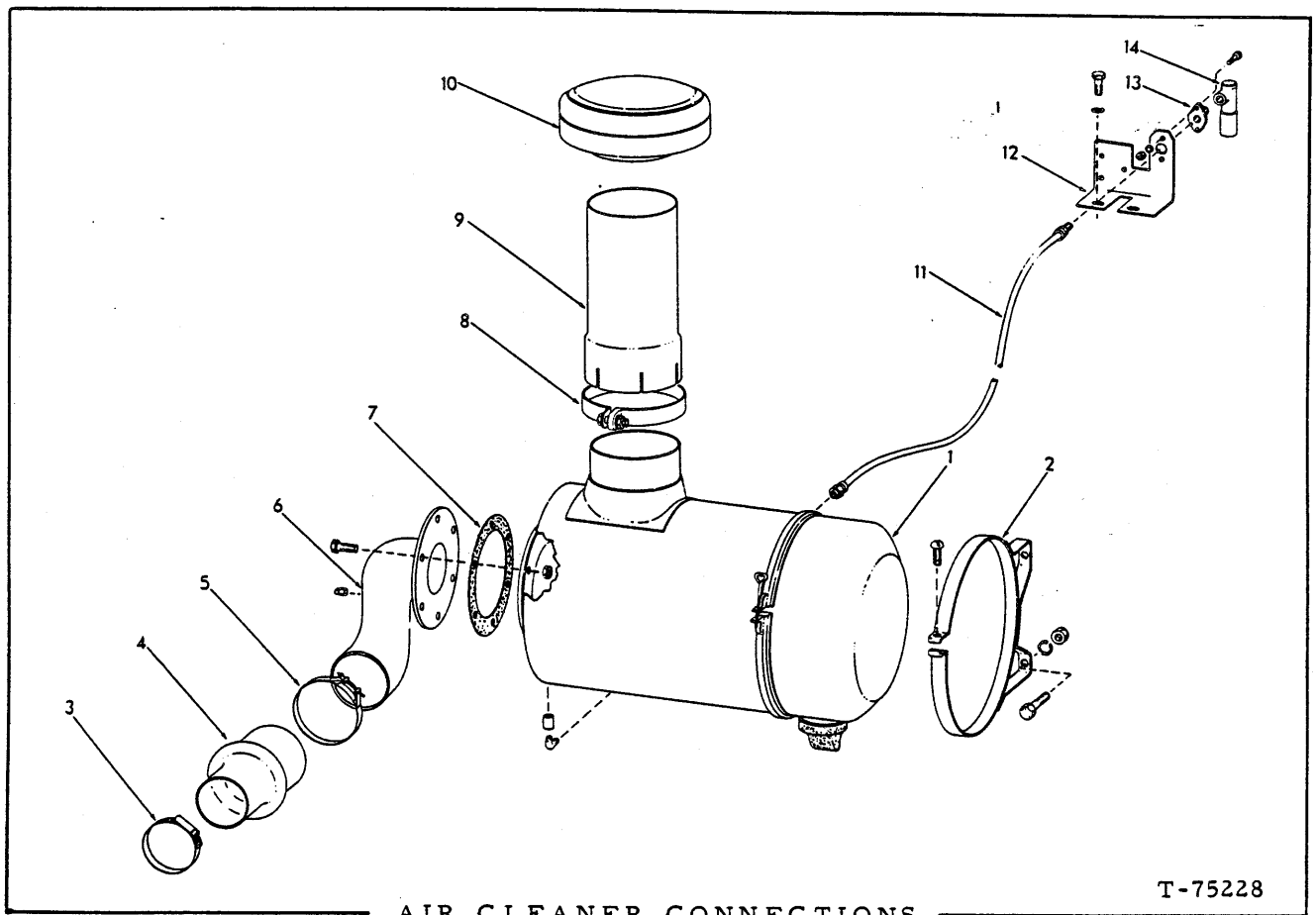
USAGE: Prior to Loader serial no. 1717 (See page 82 for serial no. 1003)

ITEM	PART NO.	QTY.	DESCRIPTION
1	-----	1	See AIR CLEANER
2	73050160	1	BRACKET
	70925256	4	CAPSCREW, 7/16" NC x 3"
	70918903	1	CAPSCREW, 7/16" NF x 1-1/2"
	70904207	5	LOCKWASHER, 7/16"
	70911993	6	WASHER, plain, SAE std., 7/16"
	70911042	1	NUT, 7/16" NF
	70916316	1	CAPSCREW, 1/2" NF x 2-1/2"
	70904208	1	LOCKWASHER, 1/2"
	70910244	3	WASHER, plain, SAE std., 1/2"

(Continued)

AIR CLEANER CONNECTIONS (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
3	70056100	4	PIN
4	70916276	4	CAPSCREW, 3/8" NC x 4-1/2"
5	70053667	4	SPACER
6	70056099	4	PIN
7	73048705	1	SPACER
8	73047933	1	HOSE, tube to turbocharger
	70658781	1	CLAMP
9	70925342	1	CLAMP
10	73048639	1	ELBOW
	70914398	6	CAPSCREW, 3/8" NF x 1"
	70913528	6	NUT, safety, 3/8" NF
	70901651	1	PLUG, pipe, ctsk., 1/8"
11	70658759	1	GASKET
12	73045834	1	HOSE ASSY.
	70901763	1	COUPLING, str., 1/8" PT
	70919173	1	ELBOW, male, 1/4" tube, 1/8" PT
13	73047450	1	BRACKET
	70916381	2	CAPSCREW, 3/8" NF x 3/4"
	70904206	2	LOCKWASHER, 3/8"
	70911041	2	NUT, 3/8" NF
14	73045531	1	FLANGE
	70916400	2	CAPSCREW, 1/4" NF x 3/4"
	70904204	2	LOCKWASHER, 1/4"
	70911040	2	NUT, 1/4" NF
15	74388648	1	INDICATOR, air restriction
16	73054594	1	CLAMP, air intake tube (Includes hardware indented below)
	70916272	1	CAPSCREW, 3/8" NC x 1-1/4"
	70910324	1	NUT, 3/8" NC
17	70645029	1	TUBE
18	70645028	1	CAP, air intake tube (includes nut and bolt)
19	70658774	2	BAND



AIR CLEANER CONNECTIONS

T-75228

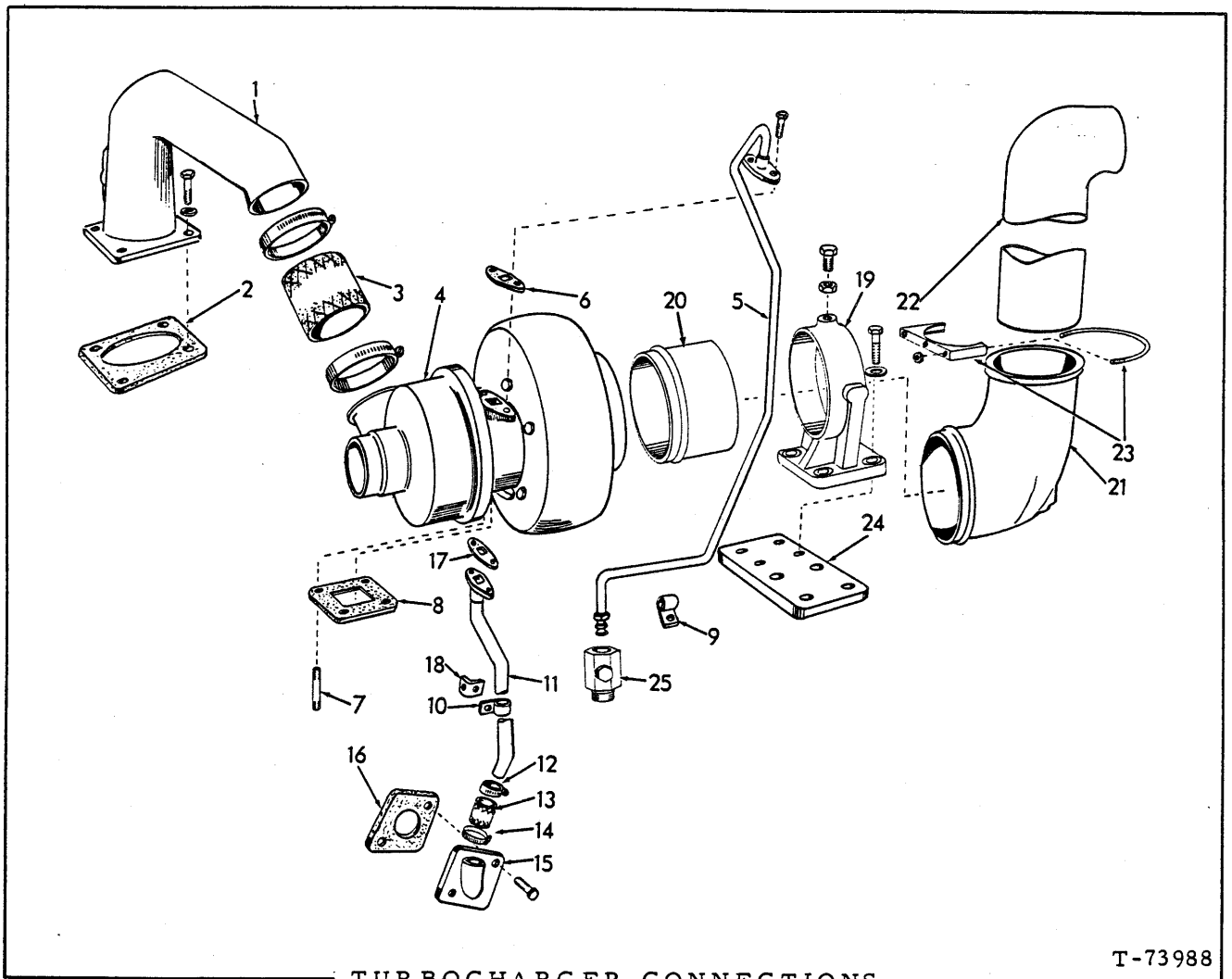
USAGE: Effective with loader S/N 1717 including 1003, loader S/N 23C02248

ITEM	PART NO.	QTY.	DESCRIPTION
1	-----	1	See AIR CLEANER
2	73103146	2	BAND (Includes tightening screw)
	70916271	4	CAPSCREW, 3/8" NC x 1"
	70904206	4	LOCKWASHER, 3/8"
	70910324	4	NUT, 3/8" NC
3	70658781	1	CLAMP
4	73047933	1	HOSE
5	70925342	1	CLAMP
6	73048639	1	ELBOW
	70916272	6	CAPSCREW, 3/8" NC x 1-1/4"
	70918308	6	NUT, elastic stop, 3/8" NC
	70901651	1	PLUG, pipe, 1/8" PT
7	70658759	1	GASKET
8	73054594	1	CLAMP
	70916389	1	CAPSCREW, 3/8" NF x 3-1/4"
	70044973	2	WASHER
	70904206	1	LOCKWASHER, 3/8"
	70911041	1	NUT, 3/8" NF

(Continued)

AIR CLEANER CONNECTIONS (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
9	70645029	1	TUBE
10	70645028	1	CAP (Includes nut and bolt)
11	73045834	1	HOSE ASSY.
	70919173	1	ELBOW, male, 1/4" tube, 1/8" PT
	70901763	1	COUPLING, female, 1/8" PT
12	73047450	1	BRACKET
	70915408	2	CAPSCREW, 3/8" NC x 3/4"
	70904206	2	LOCKWASHER, 3/8"
	70911115	2	WASHER, 3/8"
13	73045531	1	FLANGE
	70916400	2	CAPSCREW, 1/4" NF x 3/4"
	70904204	2	LOCKWASHER, 1/4"
	70911040	2	NUT, 1/4" NF
14	74388648	1	INDICATOR



TURBOCHARGER CONNECTIONS

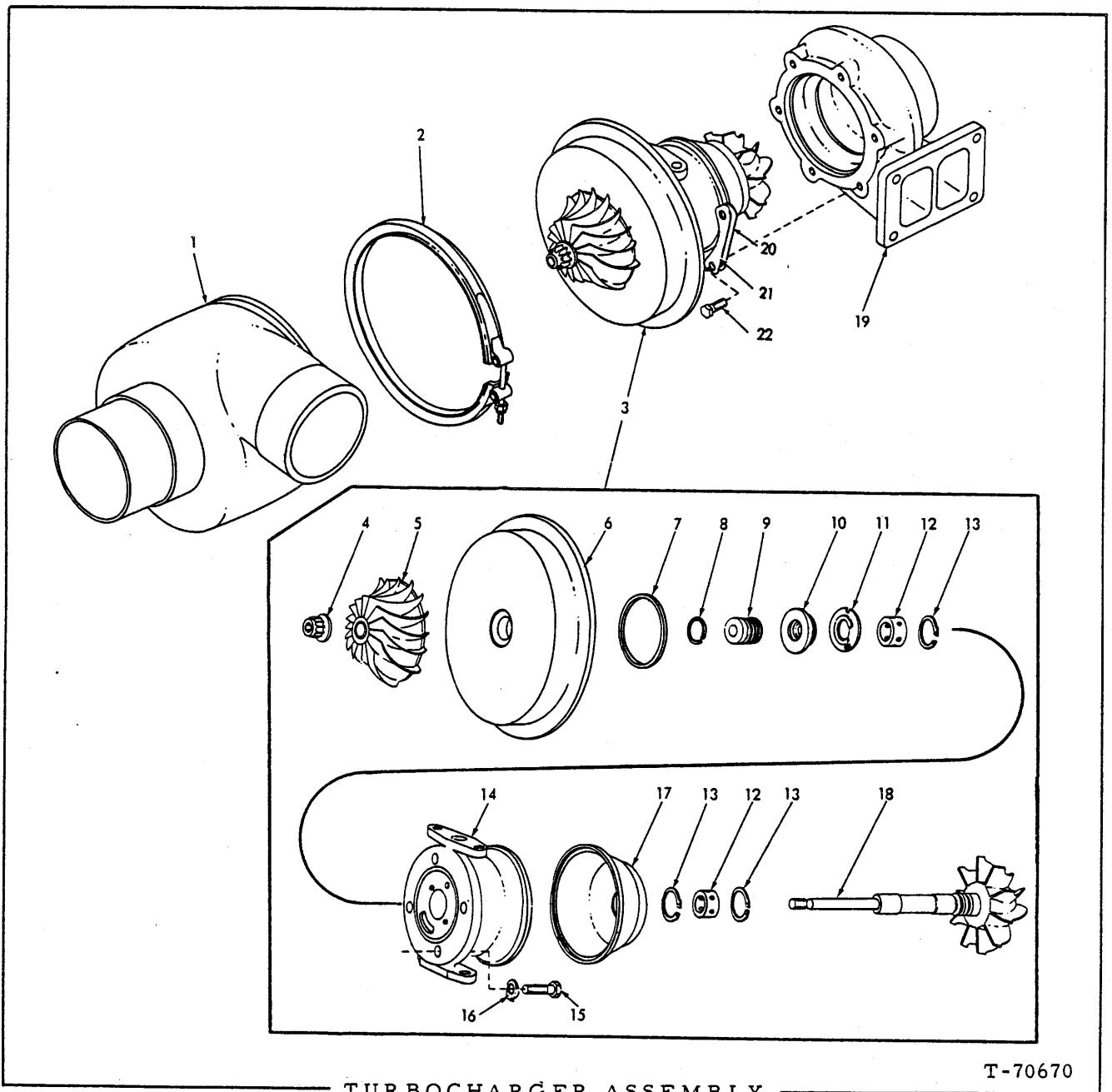
T-73988

ITEM	PART NO.	QTY.	DESCRIPTION
1	74339585	1	ELBOW
	70919230	3	CAPSCREW, 1/2"NC x 1-3/8"
	70919048	1	CAPSCREW, 1/2"NC x 1-5/8"
	70912333	1	WASHER, plain, 17/32"
	70904208	4	LOCKWASHER, 1/2"
2	74349193	1	GASKET
3	74388349	1	HOSE
	74255644	2	CLAMP
4	-----	1	SEE TURBOCHARGER ASSY.
5	74354310	1	TUBE ASSY. (Includes SLEEVE and NUT indented below)
	70917807	1	SLEEVE, 3/8"
	70917810	1	NUT, 3/8"
	70920700	1	CONNECTOR, 3/8"
	70916269	2	CAPSCREW, 3/8" x 7/8"
	70904206	2	LOCKWASHER, 3/8"
6	74339533	1	GASKET

(Continued)

TURBOCHARGER CONNECTIONS (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
7	74339535	4	STUD
	74255977	4	NUT, stainless, 3/8"NC
	70913544	4	WASHER, plain, 3/8"
8	74336558	1	GASKET
9	74375953	1	CLAMP
10	74255606	1	CLAMP
	70915809	1	CAPSCREW, 5/16"NC x 3/4"
	70904205	1	LOCKWASHER, 5/16"
11	74358726	1	TUBE
	70916269	2	CAPSCREW, 3/8"NC x 7/8"
	70904206	2	LOCKWASHER, 3/8"
12	74254991	1	CLAMP
13	74379723	1	ADAPTER (Used prior to engine S/N 11-13614)
	74358728	1	HOSE (Effective with engine S/N 11-13614)
14	70921911	1	CLAMP, adjustable, 1-7/16" I. D. (Used prior to engine S/N 11-13614)
	74254991	1	CLAMP, adjustable, 1-3/16" I. D. (Effective with engine S/N 11-13614)
15	74339496	1	FLANGE
	70916311	2	CAPSCREW, 1/2"NC x 1-1/4"
	70904208	2	LOCKWASHER, 1/2"
16	74336436	1	GASKET
17	74339532	1	GASKET
18	74358911	1	BRACKET
	70910323	1	NUT, 5/16"NC
19	74357346	1	RING
	70916197	4	CAPSCREW, 7/16"NC x 1-1/4"
	70911413	4	WASHER, plain, 14 Ga., 15/32" I. D. x 1" O. D.
	70904207	4	LOCKWASHER, 7/16"
	70920469	1	SCREW, set, knurled cup pt., 3/8"NC x 3/4"
	70912772	1	NUT, jam, 3/8"NC
20	74357337	1	DIFFUSER
21	74025925	1	ELBOW
22	73047982	1	TUBE
23	73019330	1	CLAMP (Includes U-bolt, nuts and lockwashers)
24	74357336	1	PLATE
	74386037	4	CAPSCREW, 3/8"
	70904206	4	LOCKWASHER, 3/8"
25	74339606	1	ADAPTER
	70919840	2	PLUG, pipe, hex-hd.



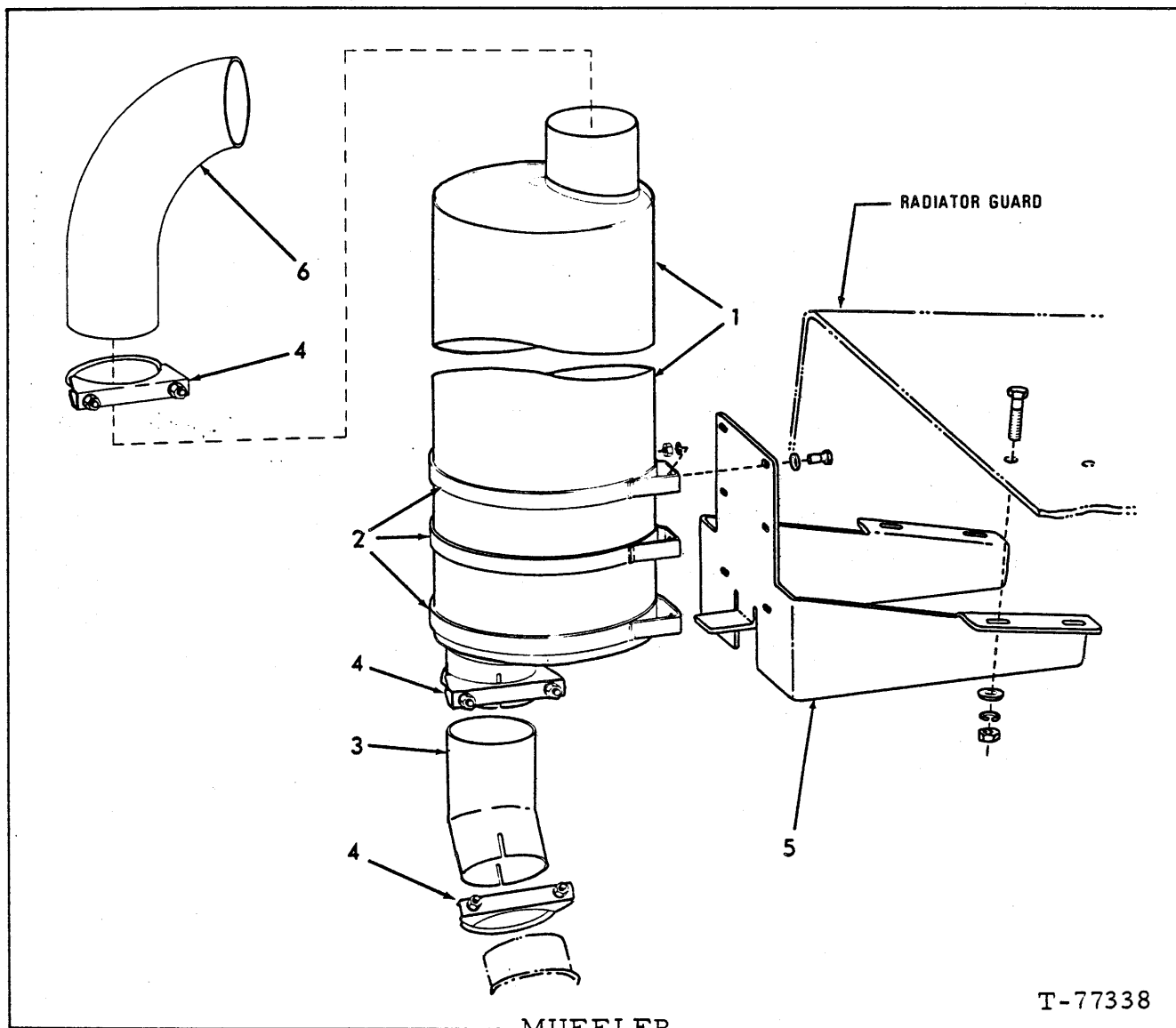
USAGE: See TURBOCHARGER CONNECTIONS

ITEM	PART NO.	QTY.	DESCRIPTION
-	74354698	1	TURBOCHARGER ASSY. (Includes items 1 thru 22)
1	74056303	1	HOUSING ASSY. (Includes impeller shroud and locating pin)
2	74056302	1	COUPLING
3	74059050	1	HOUSING ASSY. (Includes items 4 thru 18)
4	74056291	1	LOCKNUT

(Continued)

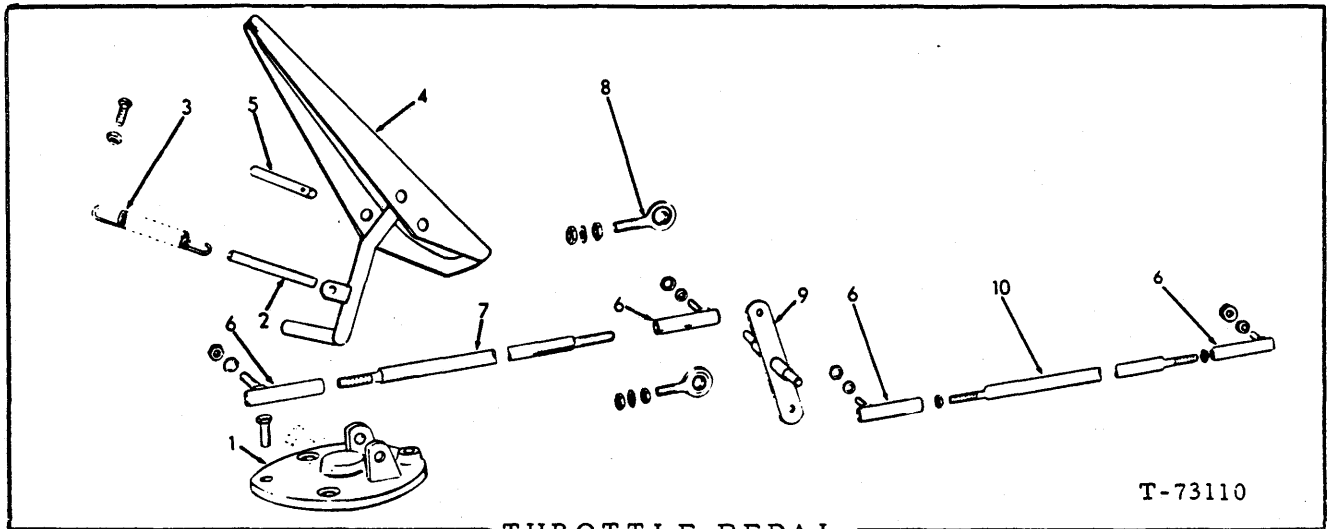
TURBOCHARGER ASSEMBLY (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
5	74056290	1	IMPELLER
6	74059030	1	BACKPLATE ASSY. (Includes thrust washer and orifice pin)
7	74056300	1	RING
8	74055195	1	RING
9	74056289	1	SPACER
10	74059029	1	COLLAR
11	74056294	1	BEARING
12	74056295	2	BEARING
13	74056296	3	RING
14	74059024	1	HOUSING ASSY. (Includes dowels)
15	70928202	4	BOLT , 1/4"NC x 5/8"
16	74059992	2	LOCKPLATE
17	74060371	1	SHROUD
18	74059049	1	WHEEL
19	74059051	1	HOUSING
20	74056306	3	PLATE
21	74056305	3	LOCKPLATE
22	74056314	6	BOLT, 3/8" NC x 5/8"



USAGE: Special Equipment

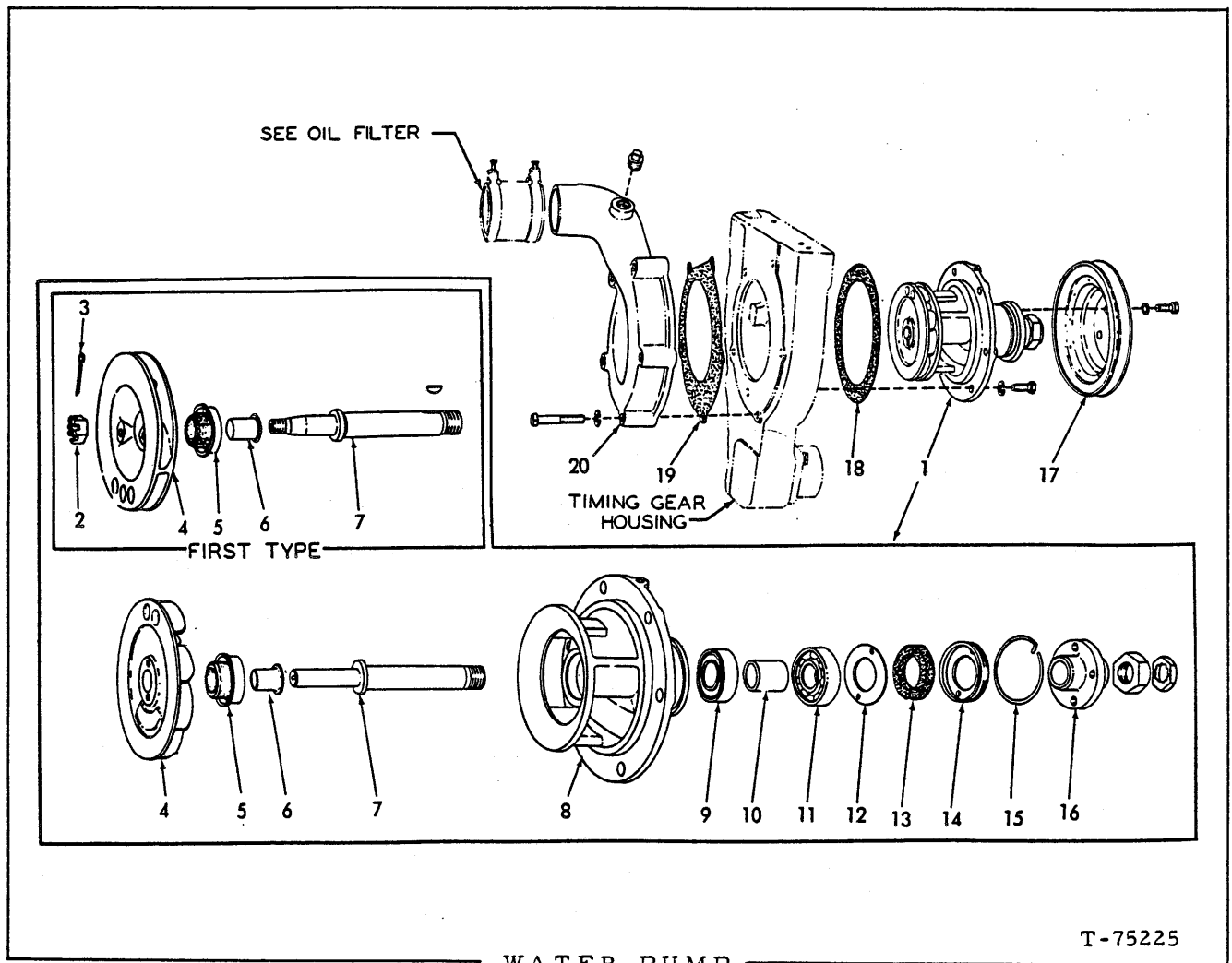
ITEM	PART NO.	QTY.	DESCRIPTION
1	73061486	1	MUFFLER
2	73026368	3	BAND (1 less used on early units)
	70916272	6	CAPSCREW, 3/8" NC x 1-1/4"
	70911115	6	WASHER, plain, 3/8"
	70910287	6	LOCKWASHER, 3/8"
	70910324	6	NUT, 3/8" NC
3	73061485	1	ELBOW
4	73019330	3	CLAMP ASSY. (Serviced as a unit)
5	73061484	1	BRACKET
	70916272	4	CAPSCREW, 1/2" NC x 2"
	70910244	4	WASHER, plain, 1/2"
	70912441	4	LOCKWASHER, 1/2"
	70910325	4	NUT, 1/2" NC
6	73061487	1	TUBE



THROTTLE PEDAL

T-73110

ITEM	PART NO.	QTY	DESCRIPTION
1	73050228-0	1	BRACKET, pedal mounting (Used prior to loader serial no. 96M02202)
	70920622	3	CAPSCREW, 5/16" NF x 1"
	70904205	3	LOCKWASHER, 5/16"
	70913636	3	NUT, 5/16" NF
	70917462	1	CAPSCREW, 1/4" NC x 1-1/4"
	70911327	1	NUT, jam 1/4" NC
2	73021657	1	ROD, accelerator pedal (Used prior to loader serial no. 1148 and effective with loader serial no. 96M02202, 23C02248)
3	73014226	1	SPRING
4	73050227	1	PEDAL, accelerator (Used prior to loader serial no. 96M02202)
	73055738	1	PEDAL, accelerator (Effective with loader serial no. 96M02202, 23C02248)
	70916273	1	CAPSCREW, 3/8" NF x 2-1/2"
	70910324	1	NUT, 3/8" NF
5	73048322	1	PIN, pivot (Used prior to loader serial no. 96M02202)
	70907801	1	PIN, cotter
	73021696	1	PIN, pivot (Effective with loader serial no. 96M02202, 23C02248)
	70904001	1	PIN, cotter
6	73105096	4	JOINT, ball
	70904204	4	LOCKWASHER, 1/4"
	70911040	4	NUT, jam, 1/4" NF
	70910267	4	NUT, jam, 1/4" NF
7	73047410	1	ROD, control, front (Used prior to loader serial no. 96M02202)
	73055245	1	ROD, control, front (Effective with loader serial no. 96M02202, 23C02248)
	70910267	2	NUT, 3/8" NF
8	73014549	2	BEARING, rod end
	70904207	2	LOCKWASHER, 7/16"
	70911042	4	NUT, jam, 7/16" NF
9	73048630	1	SHAFT, (Used prior to unit no. 02591 excluding 02452 thru 02524 and 02532)
	73056981	1	SHAFT, (Effective with unit no. 02591 including 02452 thru 02524 and 02532)
10	73047420	1	ROD, (Used prior to unit no. 02591 excluding 02452 thru 02524 and 02532)
	73056979	1	ROD, (Effective with unit no. 02591 including 02452 thru 02524 and 02532)



USAGE: * Engines prior to serial no. 11-14220
 ** Engines serial no. 11-14220 and up

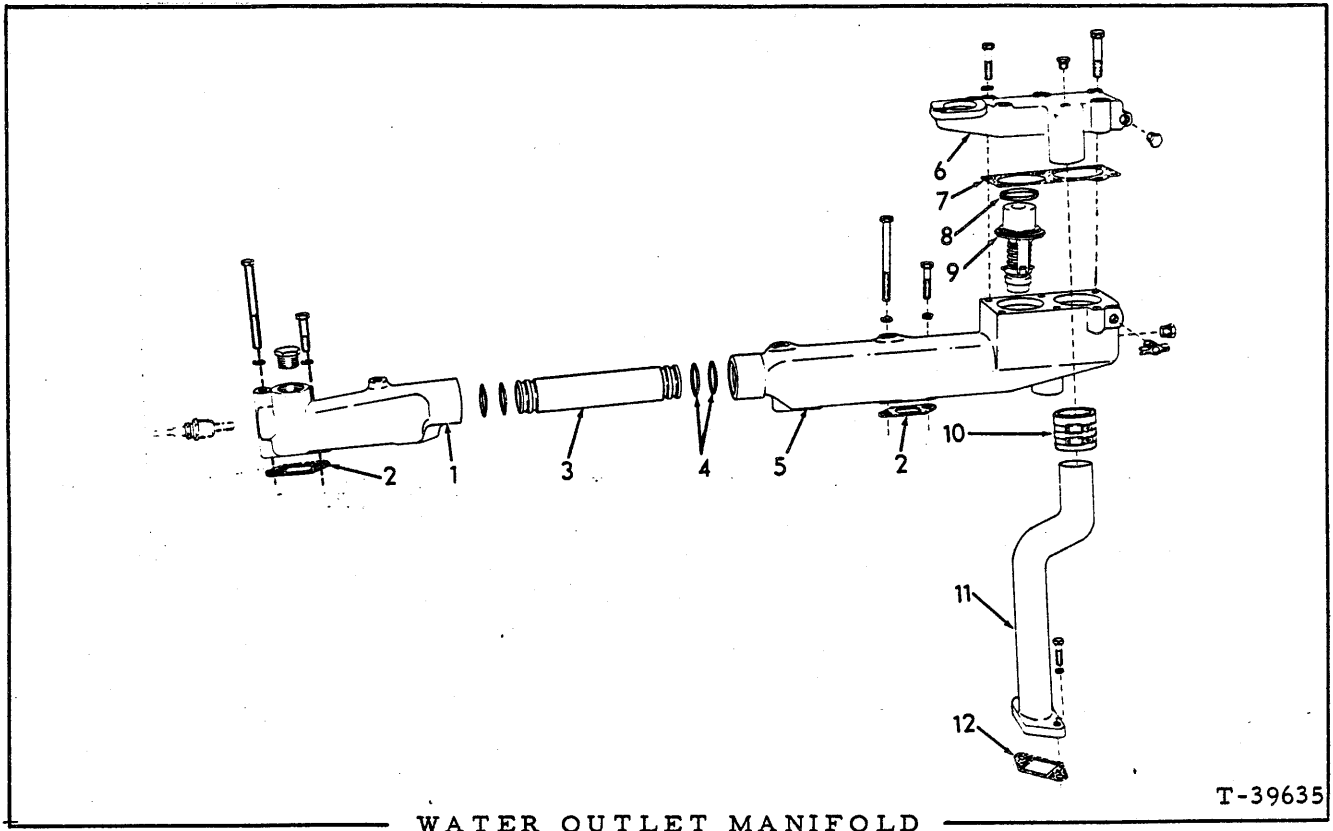
ITEM	PART NO.	QTY. * **	DESCRIPTION
1	-----	1 -	PUMP ASSY. (order 74358785)
	74358785	- 1	PUMP ASSY. (Consists of items 4 thru 16) (Used engine serial no. 11-14220 thru 11-15366)
	74359281	- 1	PUMP ASSY. (Consists of items 4 thru 16) (Effective with engine serial no. 11-15367)
	70914465	1 1	FITTING, lube, straight, 1/8" NPT
	70916271	6 6	CAPSCREW, 3/8" NC x 1"
	70904206	6 6	LOCKWASHER, 3/8"
2	74375686	1 -	NUT
3	74041097	1 -	PIN
4	74339103	1 -	IMPELLER ASSY. (Includes ceramic insert)
	74358786	- 1	IMPELLER ASSY. (Includes ceramic insert)

(Continued)

WATER PUMP (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
		* **	
5	74507091	1 1	SEAL ASSY. (Serviced only as a unit)
6	74507084	1 1	SLINGER
7	74348757	1 -	SHAFT ASSY. (Includes item 6)
	70905121	1 -	KEY, #5 woodruff, 1/8" x 5/8"
	74358787	- 1	SHAFT ASSY. (Includes item 6)
8	74338663	1 1	BODY
9	74044212	1 1	BEARING
10	74044211	1 1	SPACER
11	74044210	1 1	BEARING
12	74044209	1 1	WASHER
13	74348825	1 1	WASHER
14	74335320	1 1	RETAINER
15	74053968	1 1	LOCKWIRE
16	74335808	1 -	FLANGE
	74358800	- 1	FLANGE, driving pulley (Used engine serial no. 11-14220 thru 11-15366)
	74359280	- 1	FLANGE, driving pulley (Effective engine serial no. 11-15367)
	70910847	1 1	NUT, 3/4" NF
	70917680	1 1	NUT, Pal locking, 3/4"
17	74335809	1 1	PULLEY
	70916206	4 4	CAPSCREW, 5/16" NF x 7/8"
	70904205	4 4	LOCKWASHER, 5/16"
18	74346744	1 1	□ GASKET
19	74335056	1 1	□ GASKET
20	74349953	1 1	VOLUTE
	70920131	1 1	PLUG, pipe, 3/8" NPT
	70916274	5 5	CAPSCREW, 3/8" NC x 2-1/4"
	70904206	5 5	LOCKWASHER, 3/8"

□ (Also see PACKAGED PARTS)



ITEM	PART NO.	QTY.	DESCRIPTION
1	74336506	1	MANIFOLD
	70920525	1	PLUG, pipe, hex-hd., 3/4" NPT
	70914847	2	CAPSCREW, 3/8" NC x 1-1/2"
	70916275	2	CAPSCREW, 3/8" NC x 3-3/4"
	70904206	4	LOCKWASHER, 3/8"
2	74336182	4	□ GASKET
	74336156	1	TUBE
	70923813	4	□ O-RING
	74359948	1	MANIFOLD
5	70914847	2	CAPSCREW, 3/8" NC x 1-1/2"
	70916275	2	CAPSCREW, 3/8" NC x 3-3/4"
	70904206	4	LOCKWASHER, 3/8"
	74255363	1	COCK, T-handle, 1/4" NPT (air venting)
	6	74358754	1	HOUSING ASSY. (Includes inserts and item 8)
70919840		2	PLUG, pipe, 1/4" NPT
70919227		6	CAPSCREW, 3/8" NC x 3-1/4"
70904206		6	LOCKWASHER, 3/8"
7		74336263	1	□ GASKET

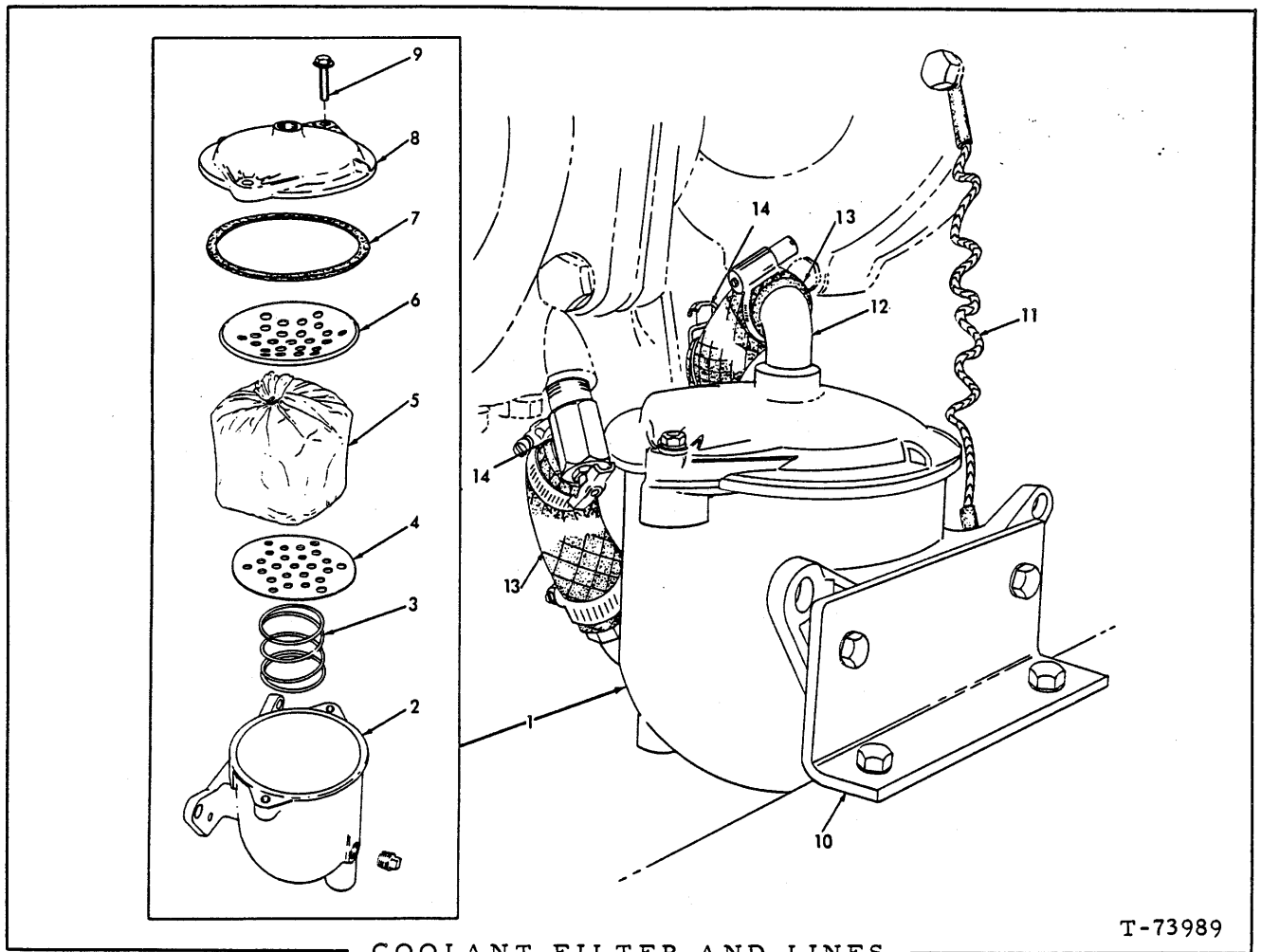
(Continued)

(Revised November 1979)

WATER OUTLET MANIFOLD (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
8	74317554	2	SEAL
9	74354537	2	THERMOSTAT
10	74337602	1	HOSE
	70922198	2	CLAMP
11	74338242	1	PIPE
	70919224	2	CAPSCREW, 3/8" NC x 1-1/8"
	70904206	2	LOCKWASHER, 3/8"
12	74347031	1	□ GASKET

□ (Also see PACKAGED PARTS)



COOLANT FILTER AND LINES

T-73989

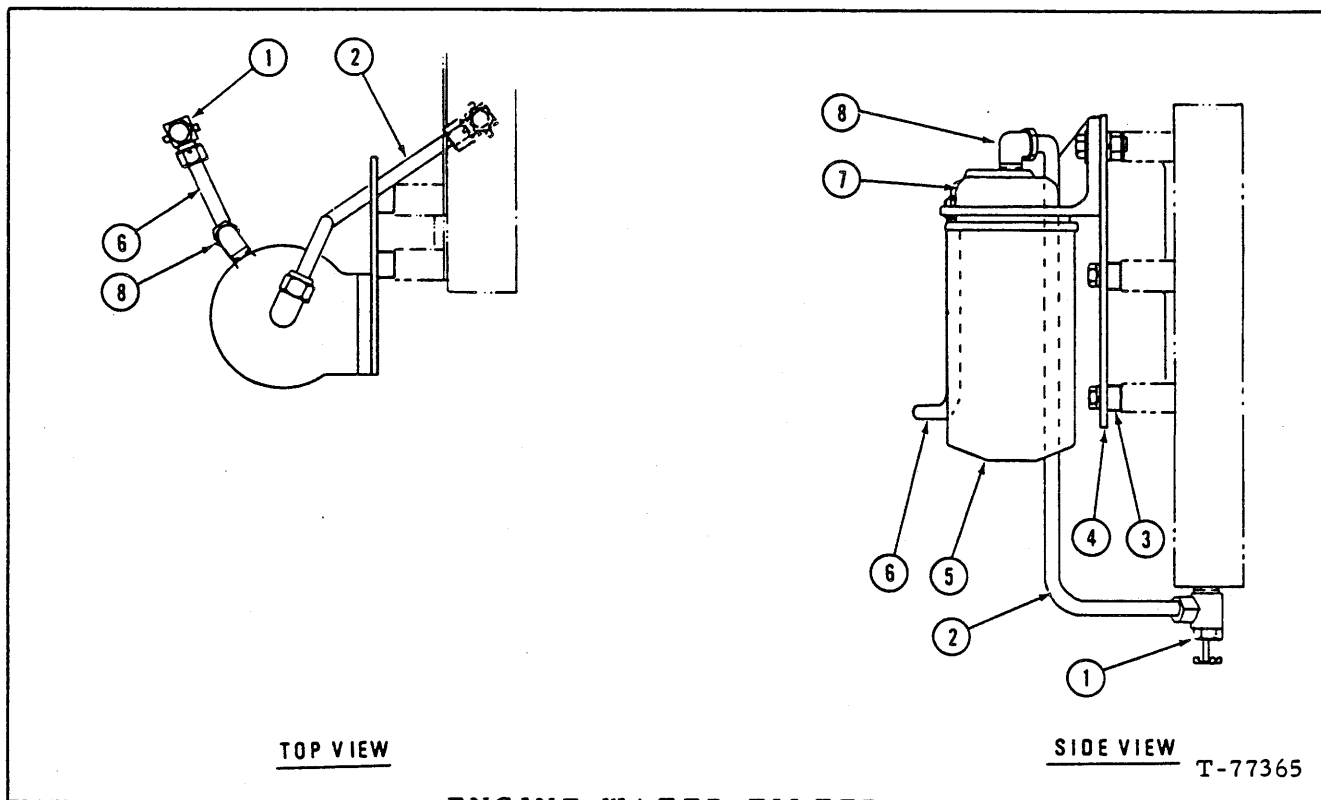
USAGE: Used prior to engine serial No. 11-22075

ITEM	PART NO.	QTY.	DESCRIPTION
1	74359248	1	FILTER ASSY. (Consists of items 2 thru 9)
	70914392	2	CAPSCREW, 5/16"NC x 1"
	70904205	2	LOCKWASHER, 5/16"
	70910323	2	NUT, 5/16"NC
2	74055031	1	BODY
	70920131	1	PLUG, pipe, 3/8"NPT
3	74054569	1	SPRING
4	74054568	1	PLATE
5	74059979	1	ELEMENT KIT (Includes items 4, 6, 7)(Original equipment, all purpose, recommended for use with plain water as well as most types of permanent and non-permanent anti-freeze except "DOWTHERM" 209)
	74059380	1	ELEMENT KIT (Includes items 4, 6, 7)(Chromate type, for use with "DOWTHERM" 209 anti-freeze)

(Continued)

COOLANT FILTER AND LINES (Continued)

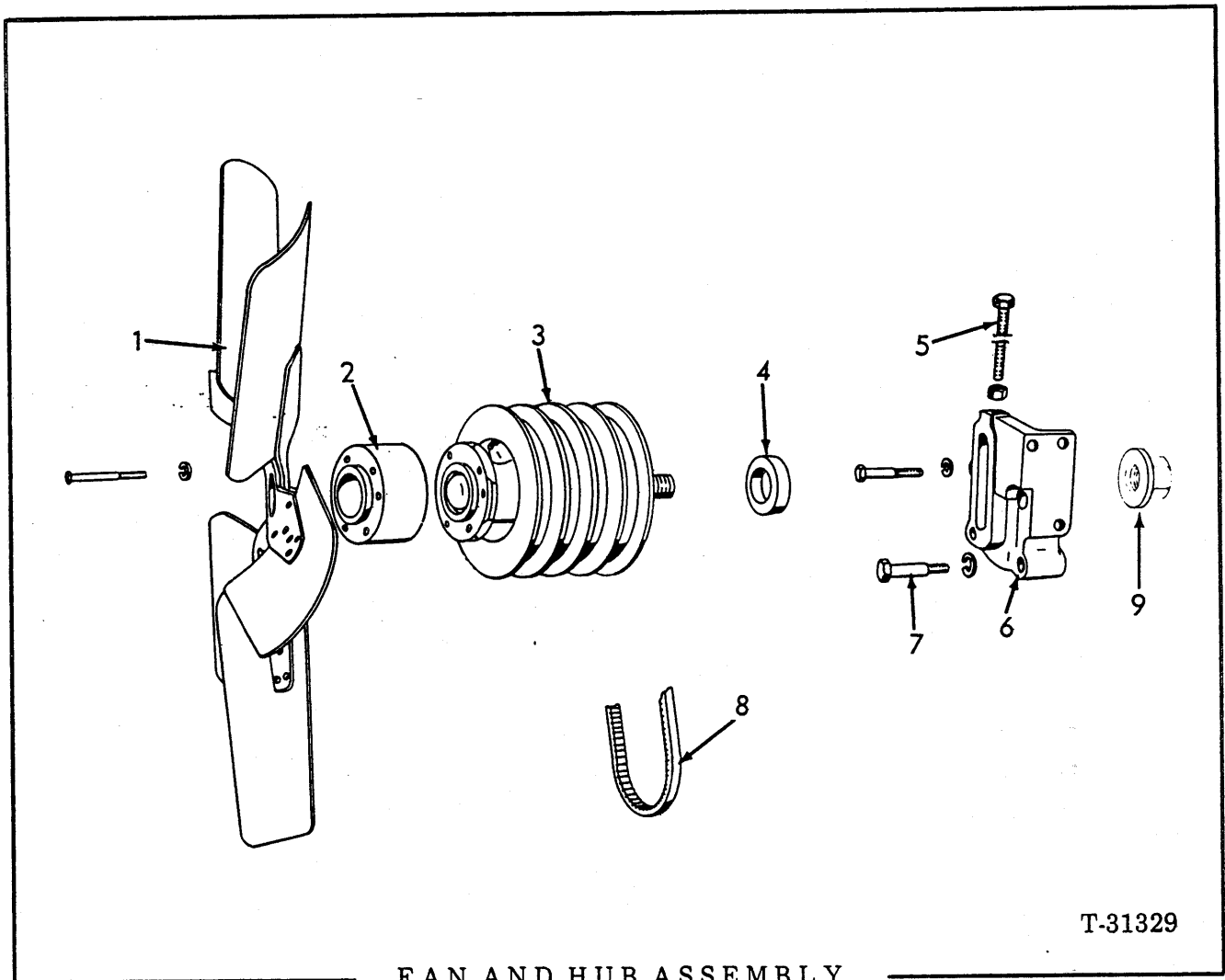
ITEM	PART NO.	QTY.	DESCRIPTION	
6	74055034	1	PLATE	
7	74054566	1	GASKET	
8	74055032	1	COVER	
9	74055033	2	BOLT ASSY. (Includes washer)	
10	73050249	1	BRACKET	
	70923683	2	CAPSCREW, 3/8"NC x 3/4"	
	70904206	2	LOCKWASHER, 3/8"	
	70911041	2	NUT, 3/8"NC	
11	73050279	1	WIRE ASSY.	
12	74255286	2	ELBOW	
13	70920722	2	HOSE, coolant, 5/8" I. D. x 25 ft. long (Use as req'd)	
	70921911	4	CLAMP, hose, 11/16" to 1-1/4" diam.	
14	74255287	2	VALVE	} Model 745-H
	70904271	1	BUSHING, reducing, 1/2" to 3/8"	
	74255772	2	VALVE	} Model 745
	70910149	1	ELBOW, street, 45°, 3/8"NPT	
70918543	1	ELBOW, 1/2"NPT to 3/8"NPT		
	70901500	1	NIPPLE, 1/2"NPT x 1-1/8"	



ENGINE WATER FILTER

NOTE: Effective with engine serial no. 11-22075

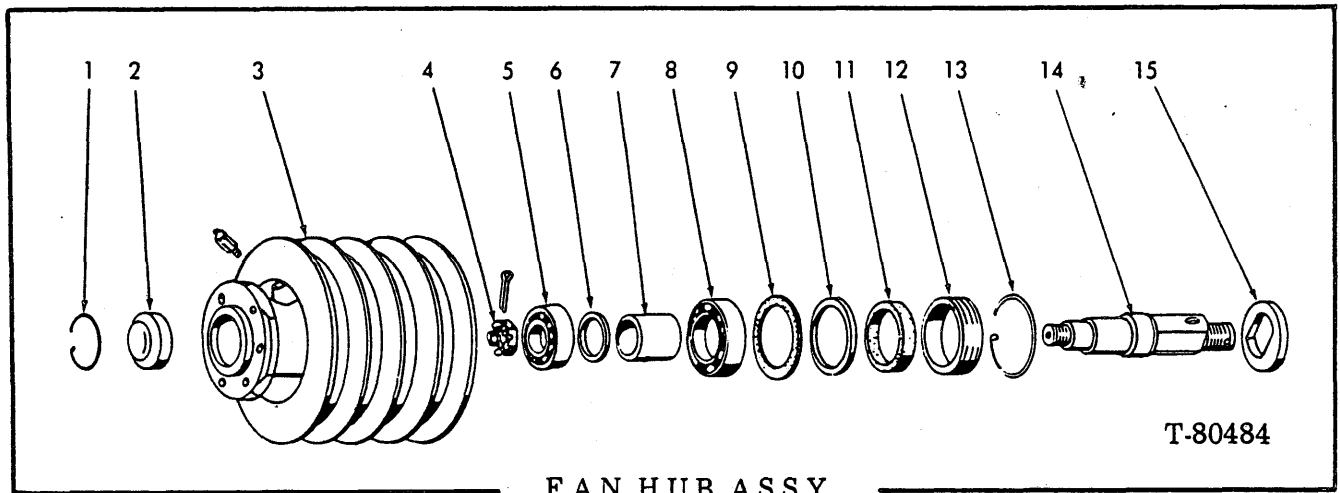
ITEM	PART NO.	QTY.	DESCRIPTION
1	70928947	2	VALVE
2	74320930	1	TUBE
	70917807	2	SLEEVE, 3/8" tube
	70917810	2	NUT, 3/8" tube
3	74365346	3	SPACER
4	74320927	1	BRACKET
	70915990	3	CAPSCREW, 3/8" NC x 2-3/4"
	70910287	3	LOCKWASHER, 3/8"
5	74393504	1	FILTER, water
6	74320929	1	TUBE
	70917807	2	SLEEVE, 3/8" tube
	70917810	2	NUT, 3/8" tube
7	74393427	1	BASE ASSY. (Includes 1 PLUG 70919134)
	70916197	2	CAPSCREW, 7/16" NC x 1-1/4"
	70910919	2	WASHER, plain, 7/16"
	70914678	2	LOCKWASHER, 7/16"
	70912201	2	NUT, 7/16" NC
8	70919005	2	ELBOW, 90°, 3/8" tube, 3/8" NPT



FAN AND HUB ASSEMBLY

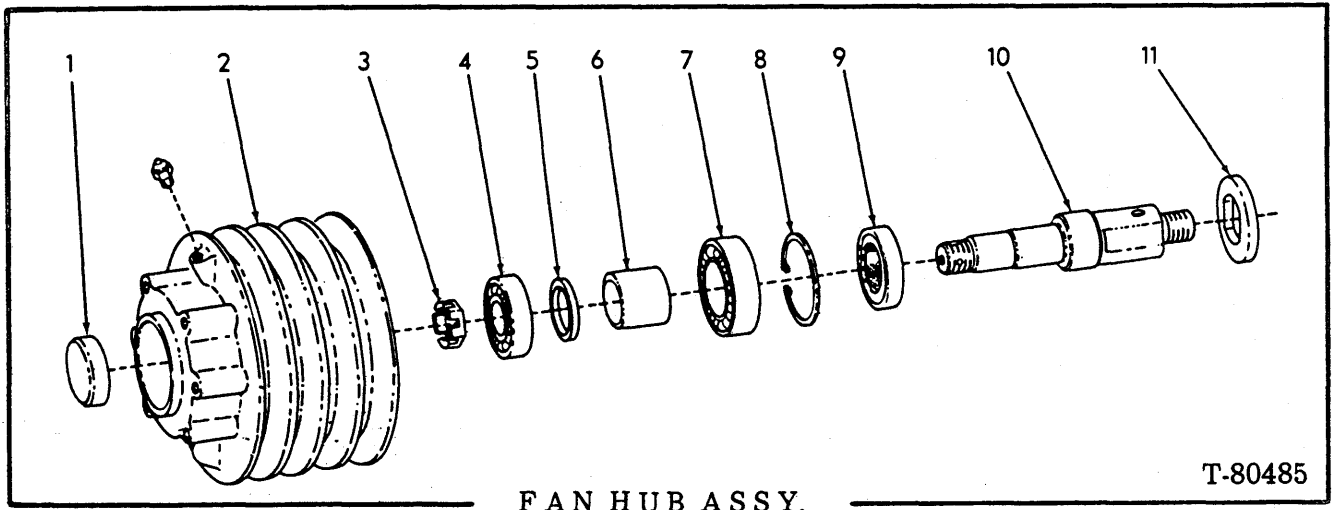
T-31329

ITEM	PART NO.	QTY.	DESCRIPTION
1	73048858	1	FAN, pusher
	73050211	1	FAN, suction (Special Equipment)
	70920682	6	CAPSCREW, 3/8" NC x 5-1/2"
	70910287	6	LOCKWASHER, 3/8"
2	74357981	1	SPACER
3	-----	1	HUB ASSY. (see pages 98 and 98a)
4	74347781	1	SPACER
5	74252241	1	SCREW
6	74336777	1	BRACKET
	70916317	3	CAPSCREW, 1/2" NC x 2-3/4"
	70912441	3	LOCKWASHER, 1/2"
7	70915969	1	CAPSCREW, 1/2" NC x 3"
	70913432	1	WASHER, heavy, 17/32"
8	74335864	2	BELT
9	74339459	1	NUT ASSY.



USAGE: First type - see page 97.

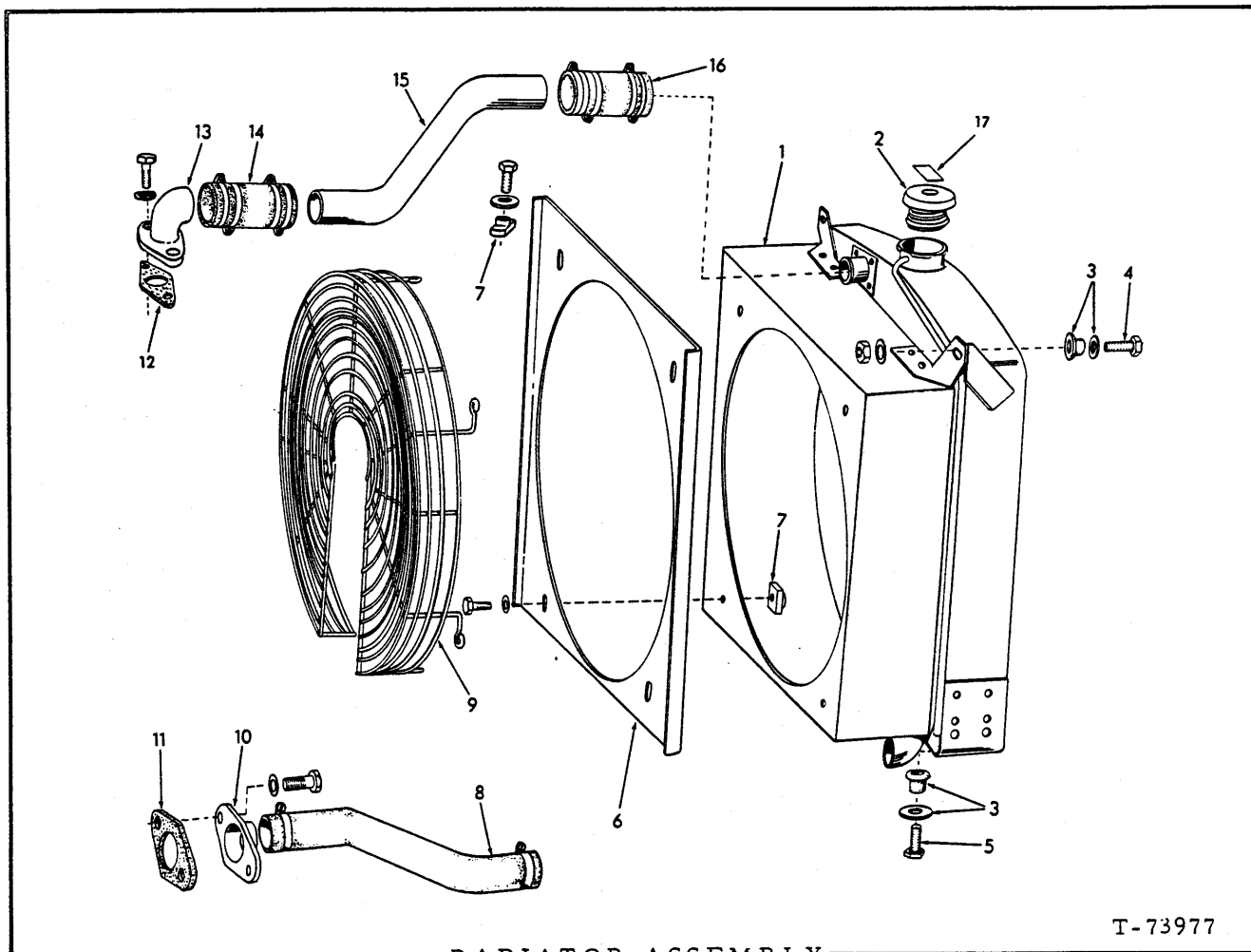
ITEM	PART NO.	QTY.	DESCRIPTION
-	-----	1	HUB ASSY. (see page 98a for service replacement)
1	74042081	1	RING
2	70088561	1	CAP
3	74337046	1	HUB
	70914465	1	FITTING, lube, 1/8"NPT
4	74348502	1	NUT
	70918454	1	PIN, cotter, 1/8" x 1-1/2"
5	74253862	1	BEARING
6	74640978	1	WASHER
7	74040383	1	BEARING
8	74253863	1	BEARING
9	74640976	1	GASKET
10	74040384	1	WASHER
11	74040385	1	WASHER
12	74040386	1	RETAINER
13	74371707	1	RING
14	74056068	1	SPINDLE
15	74056232	1	WASHER



FAN HUB ASSY.

USAGE: Second type - service replacement for original equipment on page 97.

ITEM	PART NO.	QTY.	DESCRIPTION
-	74321976	1	HUB ASSY. (includes items 1 thru 11)
1	-----	1	CAP
2	-----	1	HUB } order HUB ASSY.
	70914465	1	FITTING, lube, 1/8" NPT
3	74348502	1	NUT
4	74253862	1	BEARING
5	74640978	1	WASHER
6	74040383	1	SPACER
7	74253863	1	BEARING
8	70927802	1	RING
9	74061919	1	SEAL
10	74321992	1	SPINDLE
11	74056232	1	WASHER



RADIATOR ASSEMBLY

T-73977

USAGE: Used prior to Loader serial no. 96M02639, 87L02780, 23C02639, 84U02780

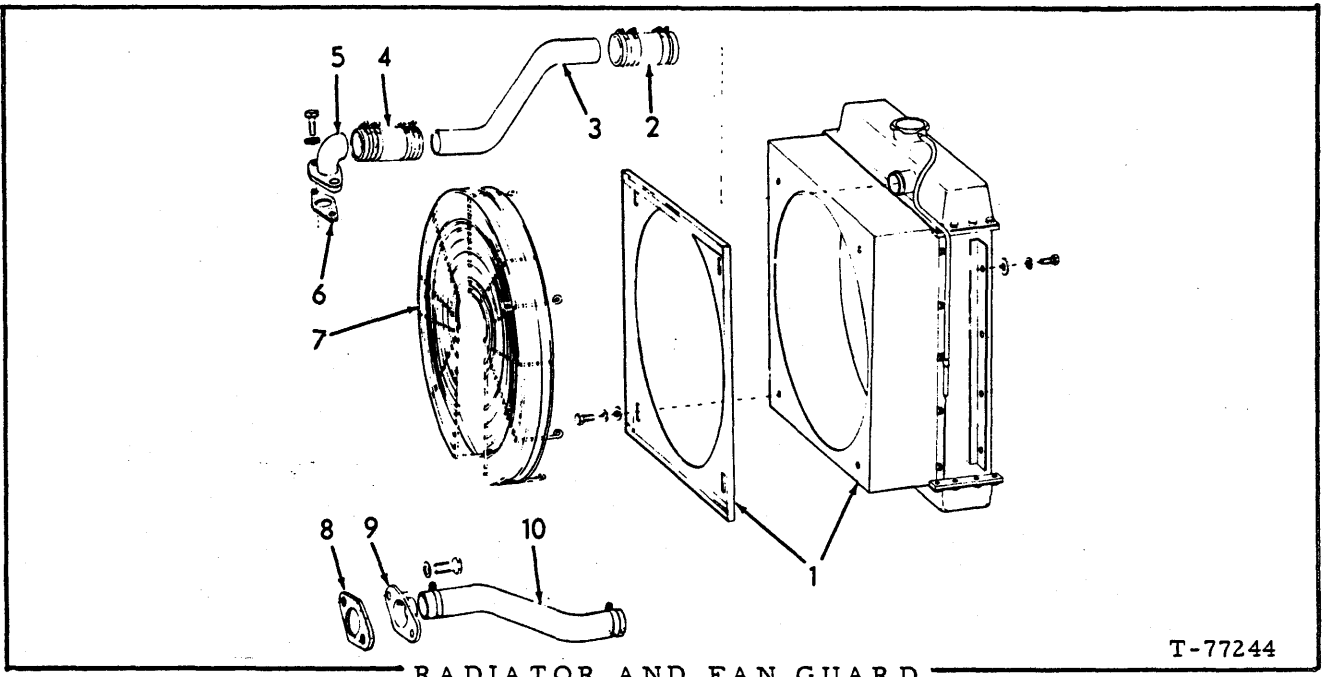
ITEM	PART NO.	QTY.	DESCRIPTION
1	73048670	1	RADIATOR, engine (Includes item 6)
	70912415	1	COCK, drain, 1/4" NPT
2	73007198	1	CAP, radiator, (1-1/2" filler neck)
	G4267	1	CAP, radiator (2-11/16") (For Canadian units only-order from Toronto Depot)
	70087528	1	CAP, radiator (2" filler neck)
3	73034129	6	MOUNT
	73032335	6	WASHER
4	70916240	2	CAPSCREW, 1/2" NF x 2-1/4"
	70900818	2	WASHER, plain, U.S. std., 1/2"
	70914487	2	NUT, 1/2" NF
5	70915779	4	CAPSCREW, 1/2" NF x 2"
	70900818	4	WASHER, plain, U.S. std., 1/2"
	70914487	4	NUT, 1/2" NF
6	73048938	1	PLATE

(Continued)

RADIATOR ASSEMBLY (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
7	73037444	11	NUT, 3/8" NC (flanged)
	70916271	11	CAPSCREW, 3/8" NC x 1"
	70911993	11	WASHER, plain, 7/16" I. D.
8	73048891	1	HOSE
	70921914	2	CLAMP, adjustable (2-5/16" to 3-1/4")
9	73048916	1	GUARD
10	74347003	1	PIPE
	70916271	2	CAPSCREW, 3/8" NC x 1"
	70904206	2	LOCKWASHER, 3/8"
11	74346456	1	<input type="checkbox"/> GASKET
12	74300145	1	<input type="checkbox"/> GASKET
13	74335451	1	ELBOW
	70919228	1	CAPSCREW, 7/16" NC x 1-1/8"
	70916867	1	CAPSCREW, 7/16" NC x 3"
	70904207	2	LOCKWASHER, 7/16"
14	73026172	1	HOSE, 2-1/4" I. D. x 3-1/2"
	70921914	4	CLAMP, adjustable (2-5/16" to 3-1/4")
15	73048945	1	TUBE
16	73026352	1	HOSE, 2-1/4" I. D. x 6"
	70921914	4	CLAMP, adjustable (2-5/16" to 3-1/4")
17	-----	1	DECAL, anti-freeze (See PAINTING & MARKING)

Also see PACKAGED PARTS

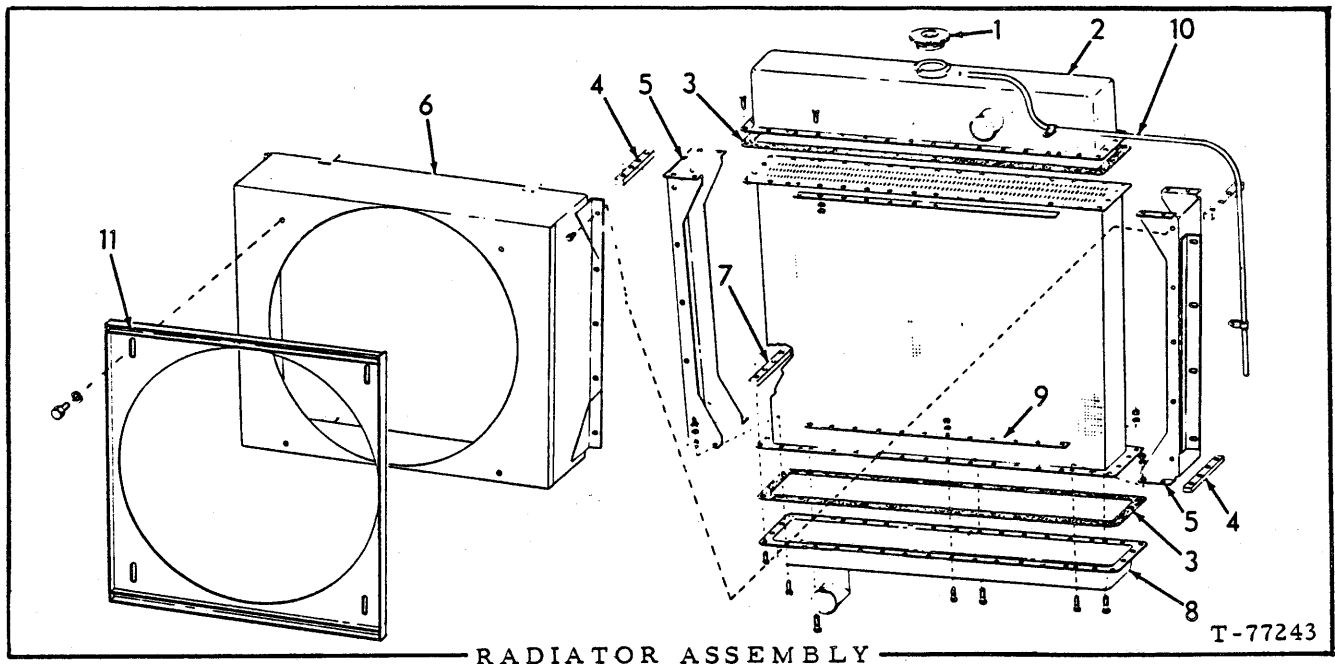


RADIATOR AND FAN GUARD

T-77244

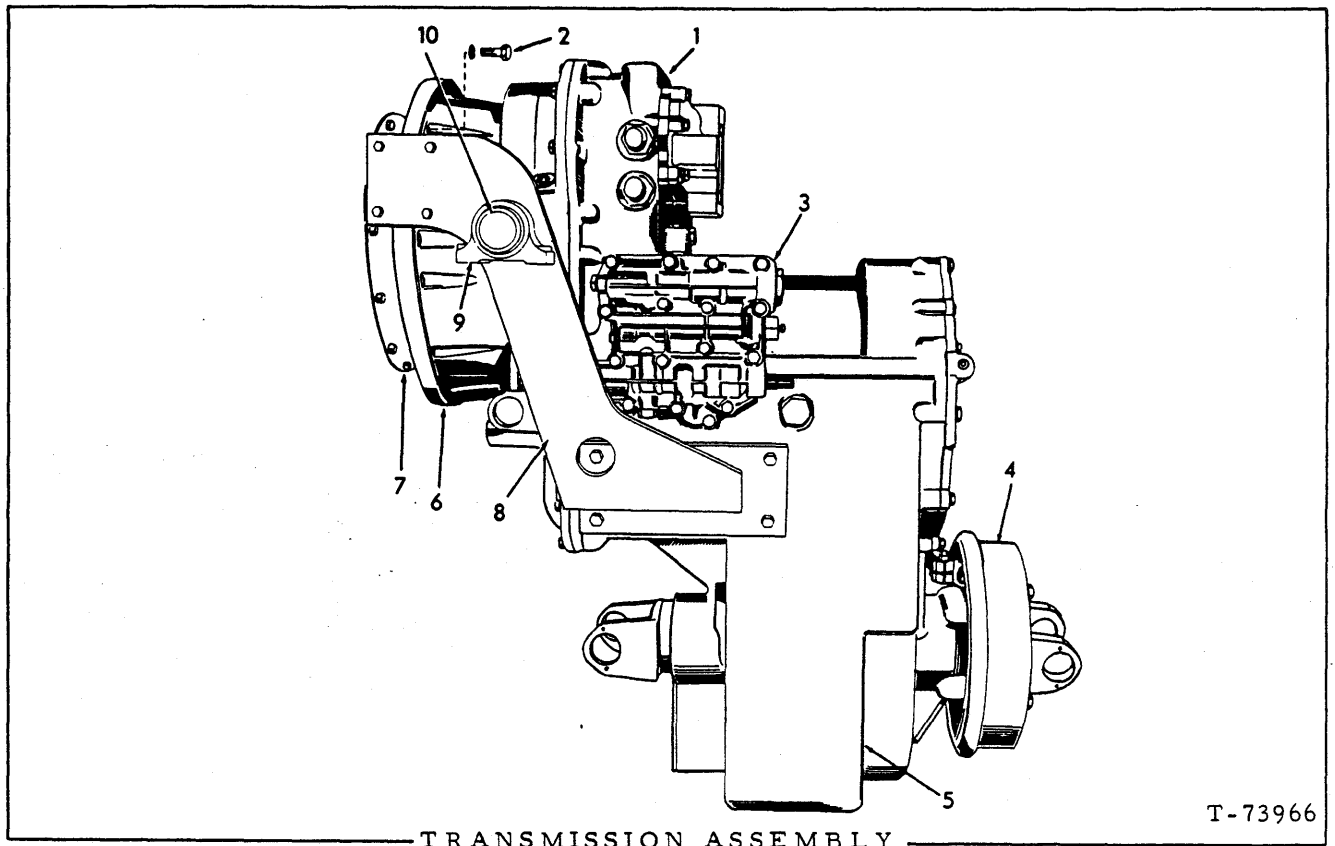
NOTE: Effective with loader serial no. 96M02639, 87L02780, 23C02639, 84U02780

ITEM	PART NO.	QTY.	DESCRIPTION
1	-----	-	RADIATOR ASSY., engine coolant (See page 102)
	70916271	8	CAPSCREW, 3/8" NC x 1
	70904206	8	LOCKWASHER, 3/8"
	70911115	8	WASHER, plain, SAE std., 3/8"
	70912415	1	COCK, drain, 1/4" NPT
2	73031151	1	HOSE, 2-1/8" I.D. x 6"
	70921913	4	CLAMP
3	73048945	1	TUBE
4	73026172	1	HOSE
	70921914	4	CLAMP
5	74335451	1	ELBOW
	70919228	1	CAPSCREW, 7/16" NC x 1-1/8"
	70916867	1	CAPSCREW, 7/16" NC x 3"
	70904207	2	LOCKWASHER, 7/16"
6	74300145		GASKET
7	73057485	1	GUARD, fan (Used with pusher fan-standard equipment)
	70916271	7	CAPSCREW, 3/8" NC x 1"
	70911993	4	WASHER, plain 7/16"
	70904206	7	LOCKWASHER, 3/8"
8	74346456	1	GASKET
9	74347003	1	PIPE
10	73057480	1	HOSE
	70921914	2	CLAMP



NOTE: Effective with Loader serial no. 96M02639, 87L02780, 23C02639, 84U02780

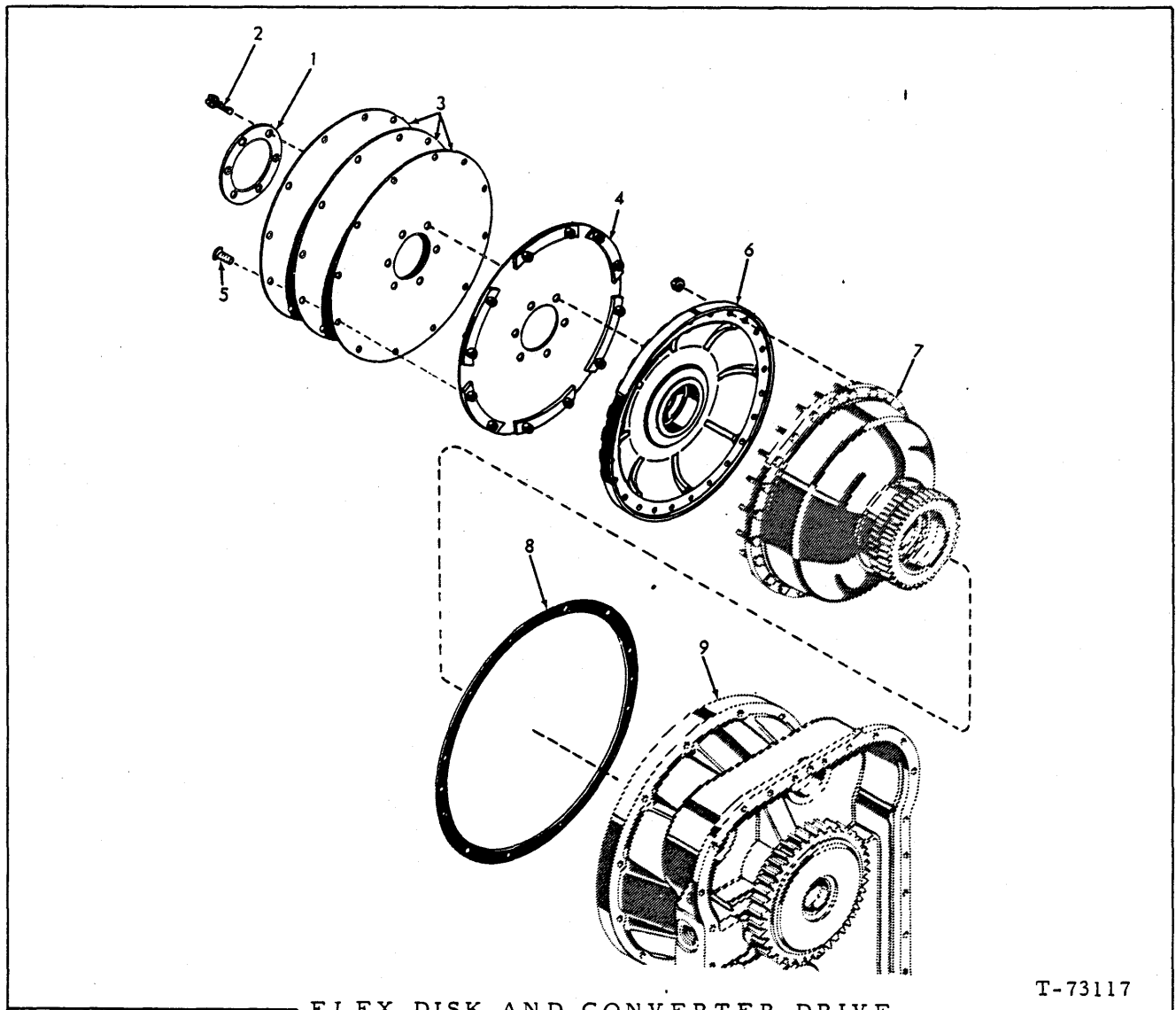
ITEM	PART NO.	QTY.	DESCRIPTION
-	73056857	1	RADIATOR ASSY. (includes items 1 thru 11)
1	70087528	1	CAP
2	73056758	1	TANK
	70915809	40	CAPSCREW, 5/16" NC x 3/4"
	70904205	32	LOCKWASHER, 5/16"
	70910323	32	NUT, 5/16" NC
3	73055850	2	GASKET
4	73056531	4	BAR
5	73056863	2	BRACKET
6	73056865	1	SHROUD
	70922902	8	CAPSCREW, self tapping
7	73056866	1	CORE
8	73056759	1	TANK
	70915809	37	CAPSCREW, 5/16" NC x 3/4"
	70915807	3	CAPSCREW, 5/16" NC x 1-1/4"
	70904205	32	LOCKWASHER, 5/16"
	70910323	32	NUT, 5/16" NC
9	73056530	4	STRIP, back-up, top and bottom
10	73056852	1	TUBE, overflow (rubber)
	70927978	2	CLAMP
11	73056864	1	SHROUD
	70915809	4	CAPSCREW, 5/16" NC x 3/4"
	70904205	4	LOCKWASHER, 5/16"



T-73966

USAGE: *Transmission without Rear Axle Disconnect
 **Transmission with Rear Axle Disconnect

ITEM	PART NO.	QTY.	DESCRIPTION
		* **	
1	73061360	1 -	TRANSMISSION ASSY. (2-speed forward, 1-reverse)
	73061361	- 1	TRANSMISSION ASSY. (2-speed forward, 1-reverse)
	Also order the following for the above Service Replacement Transmission: 1 PUMP 73061281, 1 HOSE ASSY. 73061282, 1 HOSE ASSY. 73061283, 1 TUBE ASSY. 73061426, 1 TUBE 73061427 and 1 HOSE 73006439.		
	73046502	- 1	TRANSMISSION ASSY. (2-speed forward, 2-reverse)
	73057168	1 -	TRANSMISSION ASSY. (2-speed forward, 2-reverse)
2	70919226	12 12	CAPSCREW, 3/8"NC x 5/8"
	70904206	12 12	LOCKWASHER, 3/8"
3	-----	1 1	See TRANSMISSION CONTROL VALVE
4	-----	1 1	See PARKING BRAKE ASSY.
5	-----	1 1	See TRANSMISSION HOUSING AND COVER
6	-----	1 1	See TORQUE CONVERTER HOUSING ASSY.
7	-----	1 1	See FLEX DISK AND CONVERTER DRIVE
8	-----	1 1	BRACKET (See TRANSMISSION HOSES)
9	-----	1 1	PAD (See TRANSMISSION HOSES) (Includes item 10)
10	-----	1 1	BEARING (See TRANSMISSION HOSES)



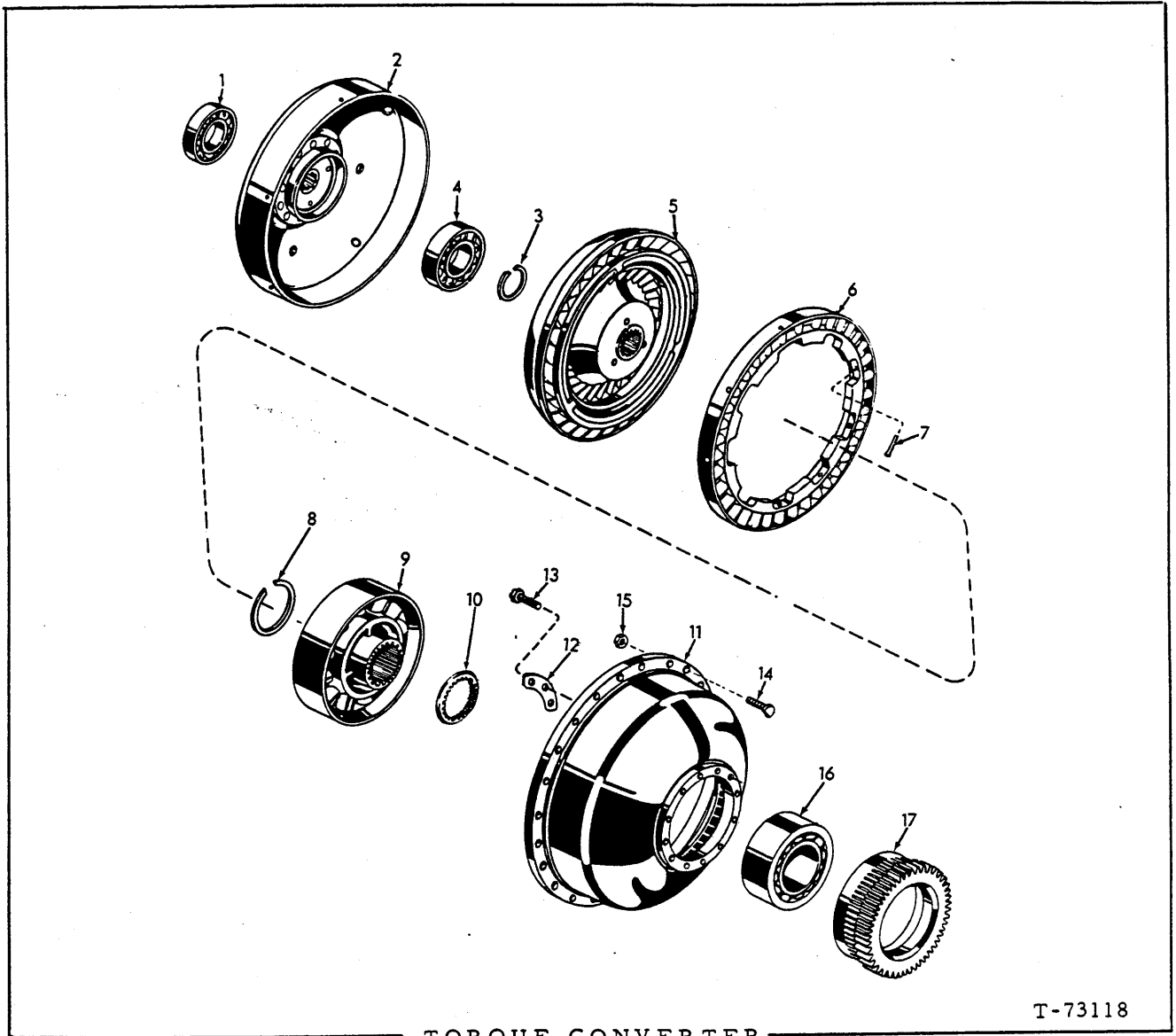
T-73117

FLEX DISK AND CONVERTER DRIVE

USAGE: Used with Model TT and TRT 4420-1 and TT 4720-1

ITEM	PART NO.	QTY.	DESCRIPTION
1	73047028	1	PLATE
2	73041456	6	CAPSCREW, 1/2"NC x 1"
3	73066079	3	DISK (Replaces 73047029)
4	73066078	1	DISK ASSY. (Includes washer) (Replaces 73047030)
5	73050464	12	BOLT, place (Flex disk to flywheel)
6	73047031	1	COVER
	-----	24	NUT (See page 105)
7	-----	1	CONVERTER ASSY. (See page 105)
8	73048425	1	□GASKET
9	-----	1	CONVERTER HOUSING (See page 107)

□(Also see PACKAGED PARTS)



TORQUE CONVERTER

T-73118

USAGE: Used with Model TT and TRT 4420-1 and TT 4720-1

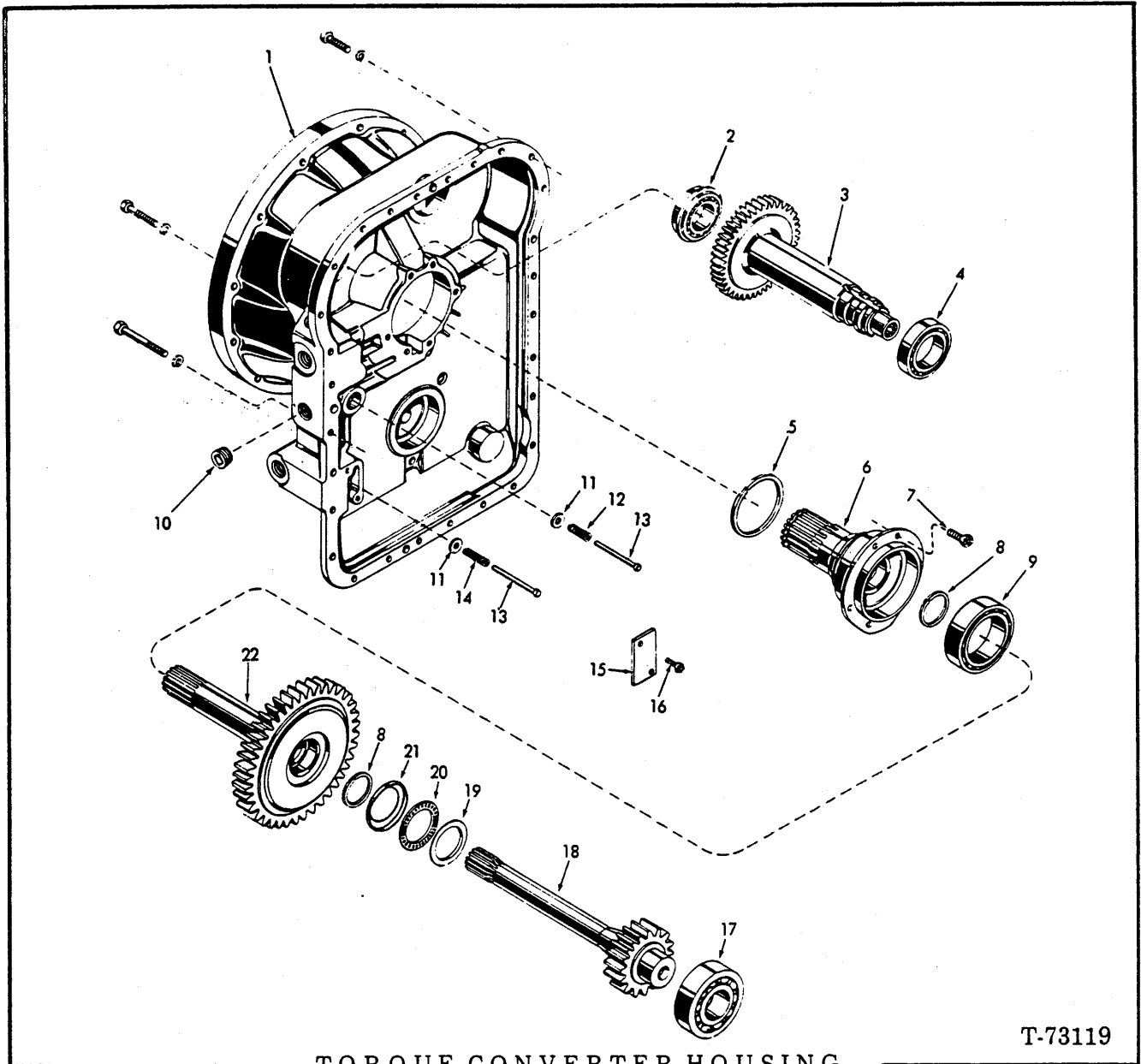
ITEM	PART NO.	QTY.	DESCRIPTION
1	73065780	1	BEARING (Replaces 73047688)
2	73047033	1	TURBINE ASSY. (Includes TURBINE and item 7)
3	73047036	1	RING
4	73070586	1	BEARING
5	73047034	1	TURBINE
6	-----	1	TURBINE (Order item 2)
7	73044432	9	PIN

(Continued)

TORQUE CONVERTER (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
8	70194541	1	RING
9	73047038	1	STATOR
10	73100710	1	SPACER
11	73047042	1	PUMP ASSY. (Includes item 14)
12	73047041	4	RETAINER
13	73047040	12	CAPSCREW, 5/16" NF x 1-1/8" (self-locking)
14	73033044	24	CAPSCREW, 5/16" NF x 1-5/16"
15	73021041	24	<input type="checkbox"/> NUT, 5/16" NF (locking)
16	73047043	1	BEARING
17	73065001	1	GEAR (For first replacement trans. s/n 5391 thru 9525 also order 1 GEAR 73065000, 1 GEAR 73065002 on pages 108 and 128)

Also see page 11



TORQUE CONVERTER HOUSING

T-73119

USAGE: Used with Model TT and TRT 4420-1 and TT 4720-1

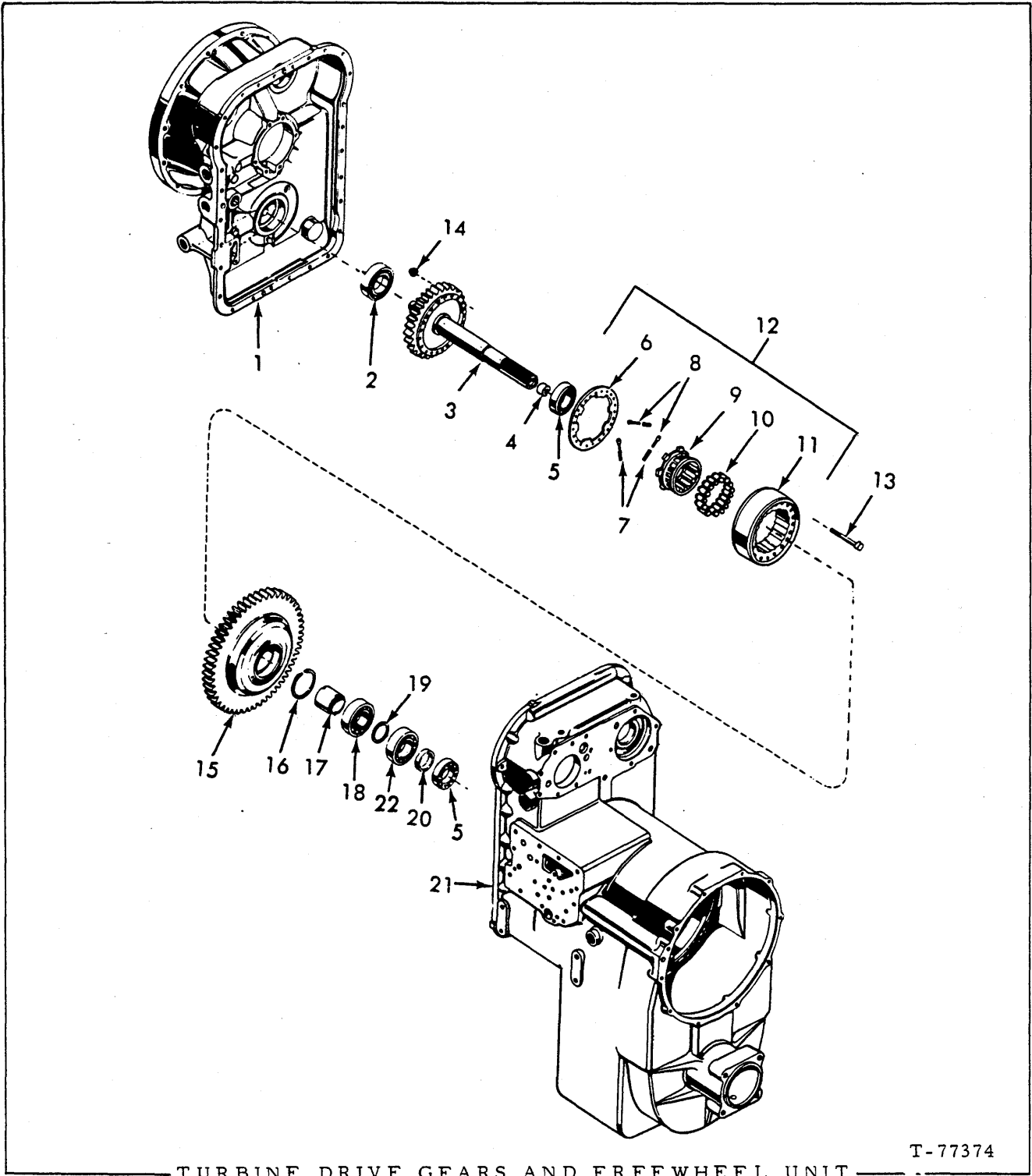
ITEM	PART NO.	QTY.	DESCRIPTION
1	73069439	1	HOUSING ASSY. (includes items 10 thru 14)(For first replacement prior to tran. s/n 9659 also order second type item 12)
	70916867	3	CAPSCREW, 7/16" NC x 3"
	70912188	4	CAPSCREW, 7/16" NC x 1-3/4"
	70916197	21	CAPSCREW, 7/16" NC x 1-1/4"
	70904207	28	LOCKWASHER, 7/16"
2	73068363	1	BEARING
3	{ 73047667	1	GEAR (original equipment prior to tran. s/n 5391)
	{ 73065002	1	GEAR (for first replacement effective with tran. s/n 5391 also order 1 GEAR 73065000, 1 GEAR 73065001 on pages 128 and 106)

(Continued)

TORQUE CONVERTER HOUSING (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
4	73055228	1	BEARING
5	70194585	1	RING
6	73100708	1	SLEEVE
7	73100709	6	CAPSCREW
8	73070598	2	<input type="checkbox"/> RING
9	73065779	1	BEARING
10	70904224	1	PLUG, sq. skt., 3/4" NPTF
11	73044430	2	VALVE
12	{ 73044431	1	SPRING (used prior to tran. s/n 9659)
	{ 73069440	1	SPRING (effective with tran. s/n 9659)
13	73044449	2	PIN
14	73047049	1	SPRING
15	73047664	1	COVER
16	73047665	2	CAPSCREW, 3/8" NC x 3/4"
17	73069168	1	BEARING
18	73051800	1	GEAR
19	73047673	1	RACE
20	73047672	1	BEARING
21	73047671	1	RACE
22	{ 73047669	1	GEAR (Used prior to tran. s/n 5391)
	{ 73063386	1	GEAR (Effective with tran. s/n 5391)

Also see page 11



T-77374

TURBINE DRIVE GEARS AND FREEWHEEL UNIT

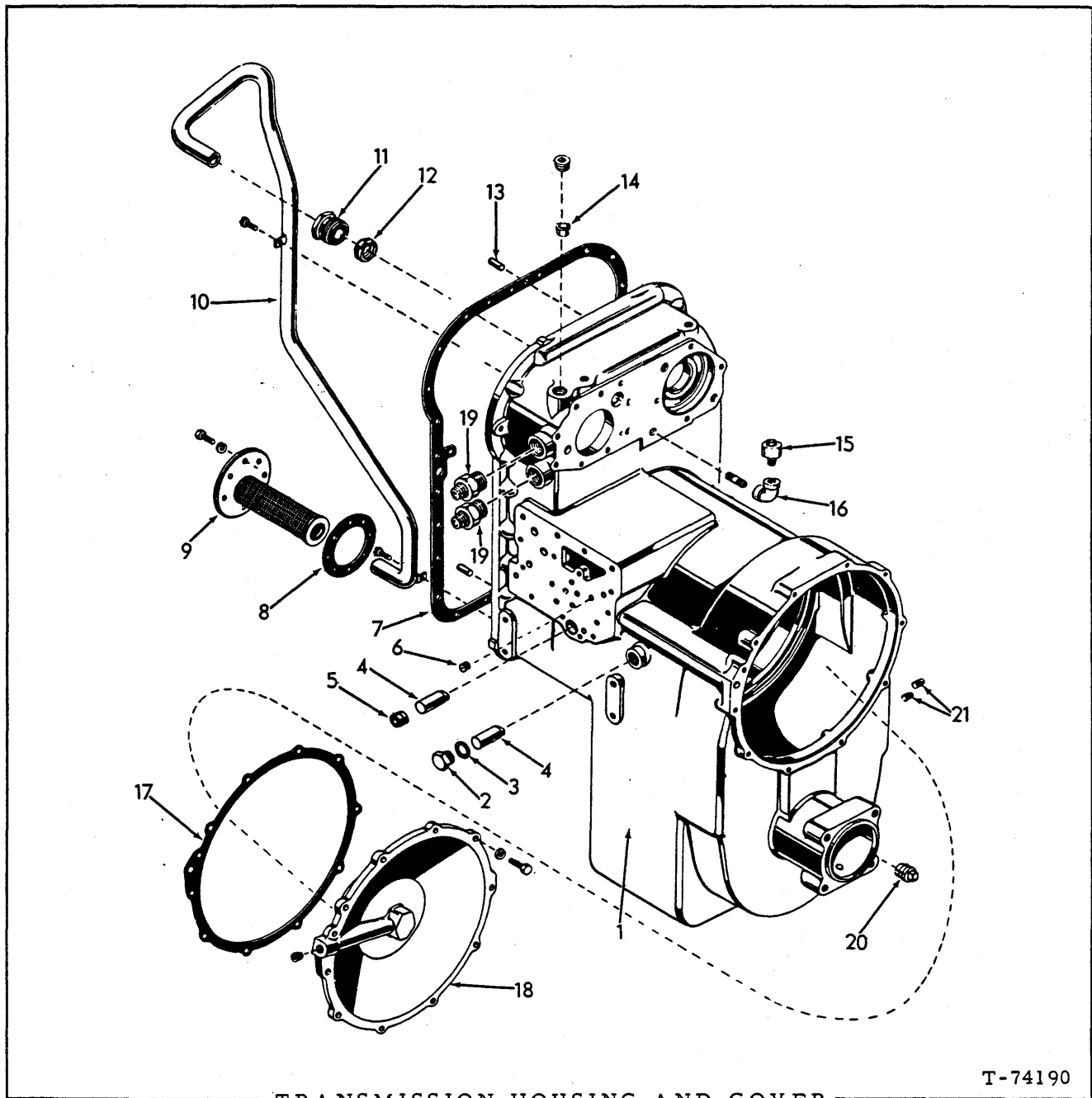
USAGE: *Model TT4420-1, 2 speeds forward, 1 reverse } Original equipment
 **Model TRT4420-1, 2 speeds forward, 2 reverse }
 ***Model TT4720-1, 2 speeds forward, 1 reverse (SOF-SHIFT., Eff. S/N 5391)

ITEM	PART NO.	QUANTITY	DESCRIPTION
1	-----	1 1 1	See TORQUE CONVERTER HOUSING

(Continued)

TURBINE DRIVE GEARS AND FREEWHEEL UNIT (Continued)

ITEM	PART NO.	QUANTITY			DESCRIPTION
		*	**	***	
2	73044373	1	1	-	BEARING
	73071081	-	-	1	BEARING
3	73062131	-	1	-	GEAR, driven
	73062288	1	-	-	GEAR, driven
	73062071	-	-	1	GEAR, driven (Includes item 4)
4	73062083	-	-	1	PLUG
	73047802	-	1	-	BUSHING
5	73047678	2	2	2	BEARING
6	-----	1	1	1	PLATE
7	-----	3	3	3	SPRING
8	-----	3	3	3	SPIRAL
9	-----	1	1	1	CAGE
10	-----	21	21	21	ROLLER
11	-----	1	1	1	CAM
12	73061968	-	-	-	KIT, overrunning clutch (Includes items 6 thru 11)
13	73047684	21	21	21	CAPSCREW, sq. hd., 3/8"NF x 3-1/2"
14	73044438	21	21	21	NUT, self-locking, 3/8"NF
15	73047685	1	1	1	GEAR
16	73047686	1	1	1	RING
17	73047687	1	1	1	SPACER
18	73065780	1	1	1	BEARING (Replaces 73047688)
19	73047689	1	1	1	SPACER
20	73047690	1	1	1	SPACER
21	-----	-	-	1	HOUSING ASSY. (See page 111)
22	73044466	1	1	1	BEARING



TRANSMISSION HOUSING AND COVER

T-74190

USAGE: * Used on Model TT4420-1, 2-speed forward, 1-reverse } Original
 ** Used on Model TRT4420-1, 2-speed forward, 2-reverse } equipment

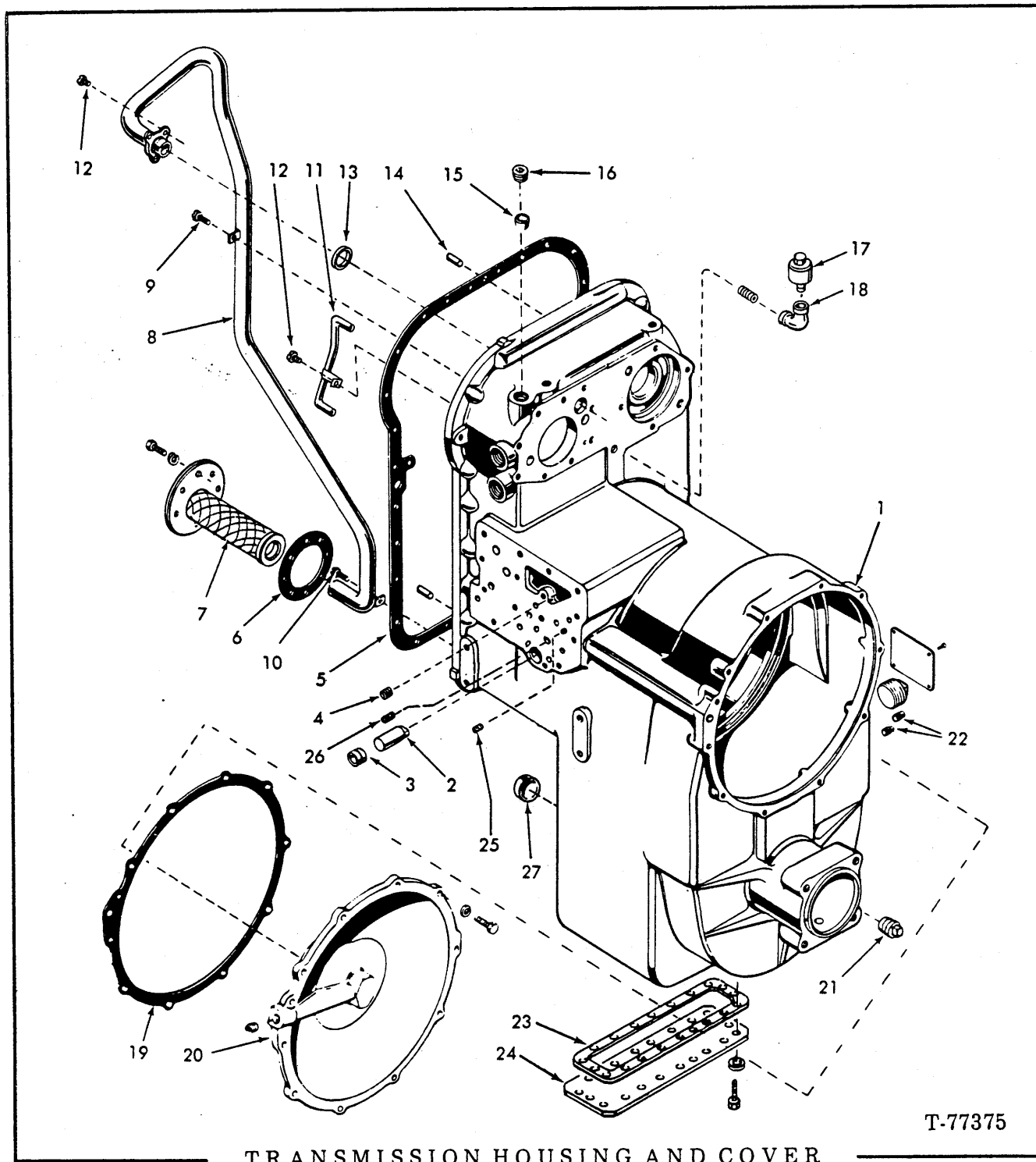
ITEM	PART NO.	QTY.		DESCRIPTION
		*	**	
1	73047693	1	-	HOUSING ASSY. (Includes items 13, 14 and PLUG indented below) (Transmission with Rear Axle Disconnect)
	73104775	1	-	HOUSING ASSY. (Includes items 13, 14 and PLUG indented below) (Transmission without Rear Axle Disconnect)
	73047804	-	1	HOUSING ASSY. (Includes items 6, 13, 14 and PLUG indented below)
	70904224	1	1	PLUG, pipe, ctsk., 3/4" NPT

(Continued)

TRANSMISSION HOUSING AND COVER (Continued)

ITEM	PART NO.	QTY.		DESCRIPTION
		*	**	
2	73044473	1	1	PLUG
3	73044474	1	1	□ GASKET
4	73047697	1	2	PIN
5	73047696	1	1	SPACER
6	73047805	-	1	PLUG
7	73047698	1	1	□ GASKET
8	73067517	1	1	□ GASKET
9	73044396	1	1	STRAINER ASSY.
	70916269	6	6	CAPSCREW, 3/8" NC x 7/8"
	70904206	6	6	LOCKWASHER, 3/8"
10	73047692	1	1	TUBE
	73044388	1	1	CAPSCREW, 3/8" NC x 5/8"
	73047665	1	1	CAPSCREW, 3/8" NC x 3/4"
11	73044399	1	1	NUT
12	73044400	1	1	□ RING
13	73044436	2	2	PIN
14	73044391	1	1	PLUG
15	70194551	1	1	BREATHER
16	70901677	1	1	ELBOW
	70910479	1	1	NIPPLE
17	73047741	1	1	□ GASKET
18	73047743	1	1	COVER
	70916197	11	11	CAPSCREW, 7/16" NC x 1-1/4"
	70904207	11	11	LOCKWASHER, 7/16"
	70918850	1	1	PLUG, pipe, ctsk., 1/4" NPT
19	-----	2	2	CONNECTOR (See TRANSMISSION HOSES)
20	73021038	1	1	PLUG, pipe, 3/4" PT (oil drain)
21	70919840	2	2	PLUG, pipe, sq. hd., 1/4" NPT

□ (Also see PACKAGED PARTS)



TRANSMISSION HOUSING AND COVER

USAGE: Used on Model TT 4720-1 (2 speeds forward, 1 reverse)(Effective transmissions s/n 5391)

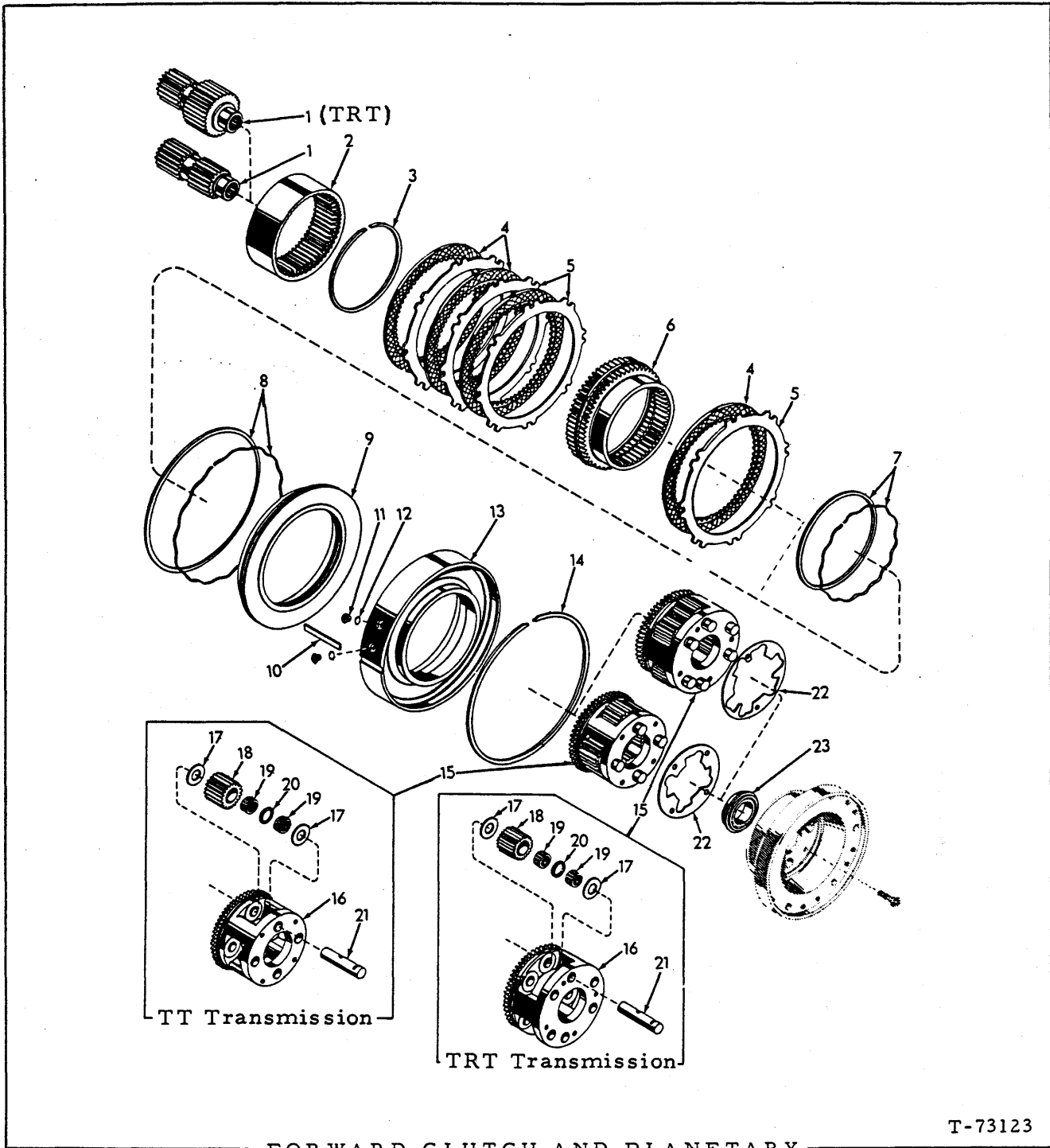
ITEM	PART NO.	QTY.	DESCRIPTION
1	73069097	1	HOUSING ASSY. (tran with and without rear axle disconnect) (includes items 4, 14, 15, 16, 23, 24, 25, 26 & 27)(Prior to tran. s/n 9724 also order second type item 2)

(Continued)

TRANSMISSION HOUSING AND COVER (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
2	{ 73047697	1	PIN (used prior to tran s/n 9724)
	{ 73068572	1	PIN (effective with tran. s/n 9724)
3	73047696	1	SPACER
	{ 73062050	1	PLUG, orifice 21/32" dia. (Used with tran. s/n 5391 thru 7382)
4	{ 73065413	1	PLUG, orifice, 1/2" NPT (Effective with tran. s/n 7383)
5	73047698	1	<input type="checkbox"/> GASKET
6	73067517	1	<input type="checkbox"/> GASKET
7	73062052	1	STRAINER ASSY.
	70916269	6	CAPSCREW, 3/8" NC x 7/8"
	70910287	6	LOCKWASHER, 3/8"
8	73062048	1	TUBE
9	73047665	1	BOLT, 3/8" NC x 3/4"
10	73047665	1	BOLT, 3/8" NC x 3/4"
11	73062049	1	TUBE ASSY.
12	73047665	4	BOLT, 3/8" NC x 3/4"
13	73062051	1	RING
14	73044436	2	PIN
15	73044391	1	PLUG
16	73055076	1	PLUG
17	70194551	1	BREATHER
18	70901677	1	ELBOW, 1/4" pipe
	70901479	1	NIPPLE, 1/4" pipe x 1-1/2"
19	73047741	1	<input type="checkbox"/> GASKET
20	73047743	1	COVER
	70916197	11	CAPSCREW, 7/16" NC x 1-1/4"
	70914678	11	LOCKWASHER, 7/16"
	70918850	1	PLUG, pipe, ctsk., 1/4" NPT
21	73021038	1	PLUG, pipe, 3/4" NPT (oil drain)
22	70919840	2	PLUG, pipe, 1/4" NPT
23	73069421	1	<input type="checkbox"/> GASKET
24	73065523	1	COVER } Use with HOUSING having sump opening.
	70916271	18	CAPSCREW, 3/8" NC x 1"
	70910287	18	LOCKWASHER, 3/8"
25	70910231	1	PLUG, hex skt., 1/8" NPT
26	70933487	1	PLUG, cup pt., 7/16" NC x 3/8"
27	73021091	1	PLUG, cup (not used with axle disconnect)

Also see page 11



USAGE: * Model TT4420-1, 2 speed forward, 1-reverse } Original equipment
 ** Model TRT4420-1, 2 speed forward, 2-reverse }

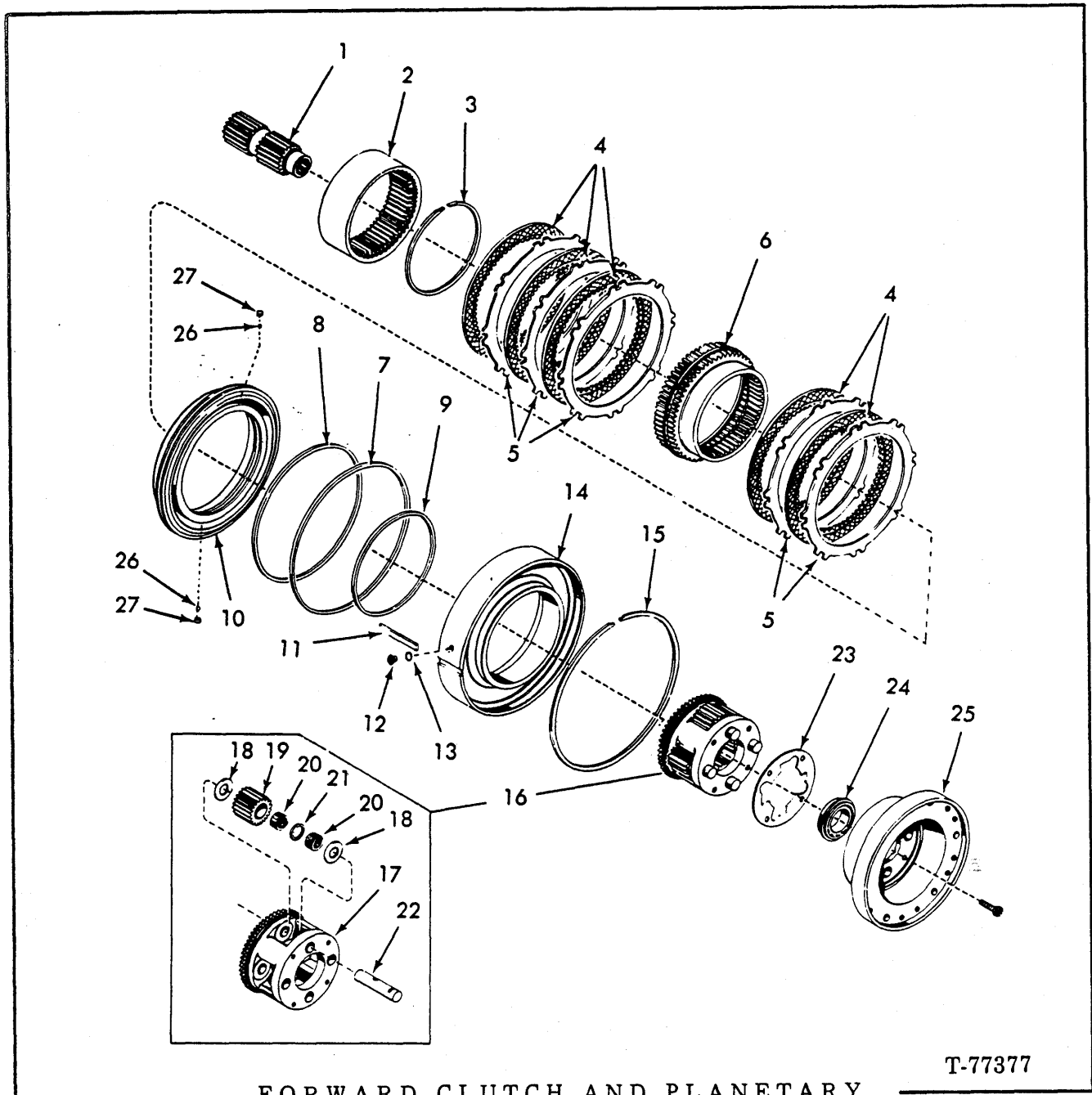
ITEM	PART NO.	QTY.	DESCRIPTION
1	73062060	* 1	GEAR
	73062130	** 1	GEAR

(Continued)

FORWARD CLUTCH AND PLANETARY (Continued)

ITEM	PART NO.	QTY.		DESCRIPTION
		*	**	
2	73062041	1	1	GEAR
3	73048414	1	1	RING
4	73047703	4	4	PLATE
5	73047702	4	4	PLATE
6	{ 73047719	1	-	GEAR
	73047810	-	1	GEAR
7	{ 73047720	1	-	<input type="checkbox"/> KIT (Internal)
	73047811	-	1	<input type="checkbox"/> KIT (Internal)
8	73047701	1	1	<input type="checkbox"/> KIT (External)
9	{ 73047721	1	-	PISTON
	73047812	-	1	PISTON
10	73047722	1	1	KEY
11	73047723	1	2	INSERT
12	73047724	1	2	<input type="checkbox"/> RING
13	{ 73047725	1	-	HOUSING
	73047813	-	1	HOUSING
14	73100707	1	-	RING
15	{ 73062061	1	-	CARRIER ASSY. (Includes items 16 thru 21)
	73062128	-	1	CARRIER ASSY. (Includes items 16 thru 21)
16	{ -----	1	-	CARRIER (Order Carrier Assy.)
	-----	-	1	CARRIER (Order Carrier Assy.)
17	73047709	8	12	WASHER
18	{ 73047710	1	-	PINION SET (Consists of 4 pinions)
	73047817	-	1	PINION SET (Consists of 6 pinions)
19	73047711	8	12	BEARING
20	73047712	4	6	SPACER
21	73047729	4	6	SPINDLE
22	{ 73047730	1	-	LOCK
	73047818	-	1	LOCK
23	73047731	1	-	BEARING (Single row ball)

(Also see PACKAGED PARTS)



FORWARD CLUTCH AND PLANETARY

USAGE: 2 speed forward, 1 reverse - effective with tran. s/n 5391.

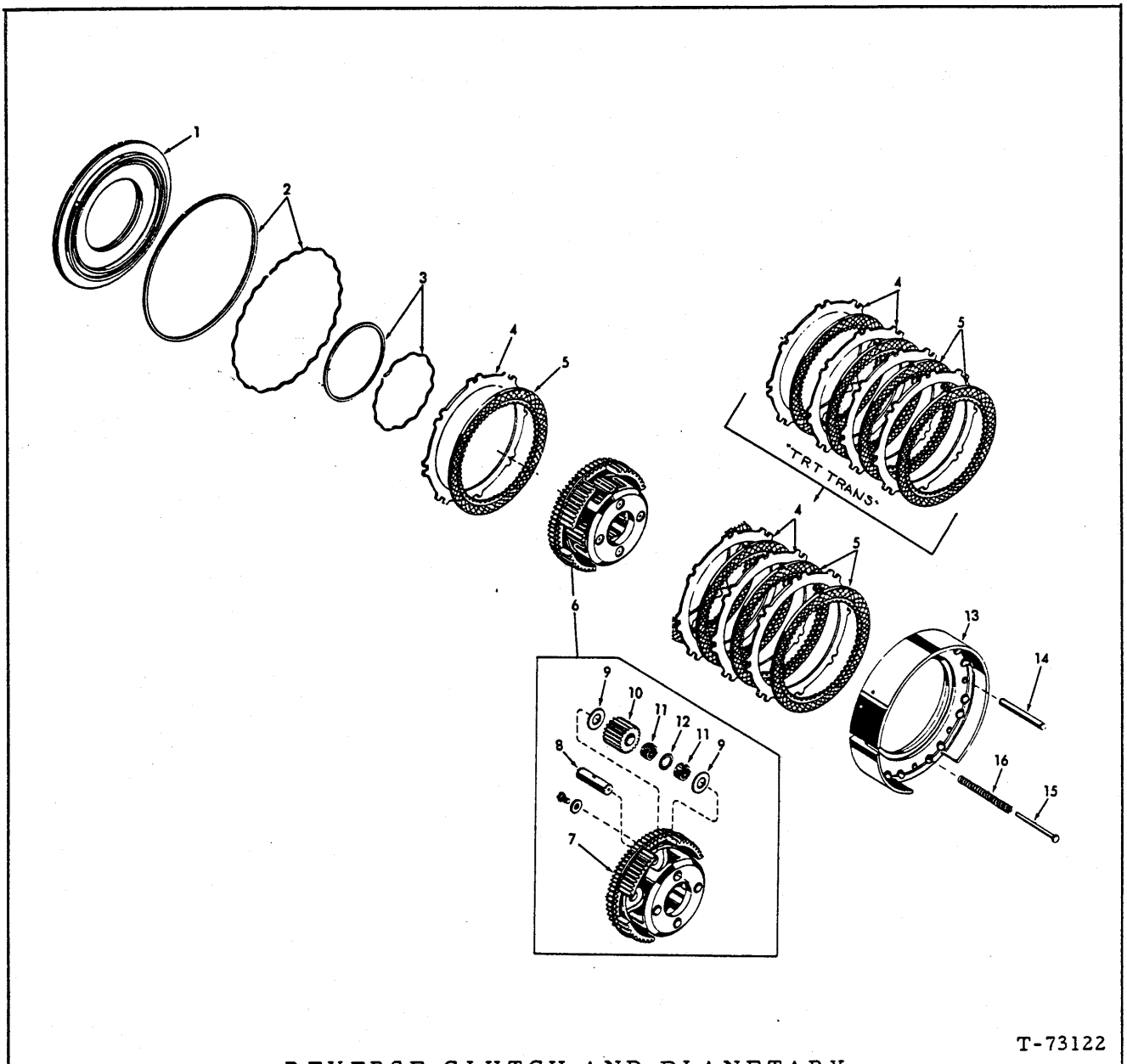
ITEM	PART NO.	QTY.	DESCRIPTION
1	73062060	1	GEAR
2	73062041	1	GEAR
3	73048414	1	RING
4	73047703	5	PLATE
5	73062078	5	PLATE
6	73062058	1	GEAR
7	73062027	1	□ RING, large
8	73062067	1	□ RING, center
9	73062025	1	□ RING, small

(Continued)

FORWARD CLUTCH AND PLANETARY (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
10	73062057	1	PISTON ASSY. (includes item 26 and 27)
11	73062053	1	KEY
12	73047723	1	INSERT
13	73047724	1	<input type="checkbox"/> RING
14	73062062	1	HOUSING
15	73100707	1	RING
16	73062061	1	CARRIER ASSY. (Includes items 17 thru 22)
17	-----	1	CARRIER (order item 16)
18	73047709	8	WASHER
19	73047710	1	PINION SET (Consists of 4 pinions)
20	73047711	8	BEARING
21	73047712	4	SPACER
22	73047729	4	SPINDLE
23	73047730	1	LOCK
24	73047731	1	BEARING
25	-----	1	MEMBER ASSY. (See page 125)
26	-----	2	BALL
27	-----	2	RETAINER } order item 10 or 28
28	73069336	1	KIT (includes item 26, 27 and instruction sheet)

Also see page 11



T-73122

REVERSE CLUTCH AND PLANETARY

USAGE: * Model TT4420-1, 2 speed forward, 1-reverse } Original equipment
 ** Model TRT4420-1, 2 speed forward, 2-reverse }

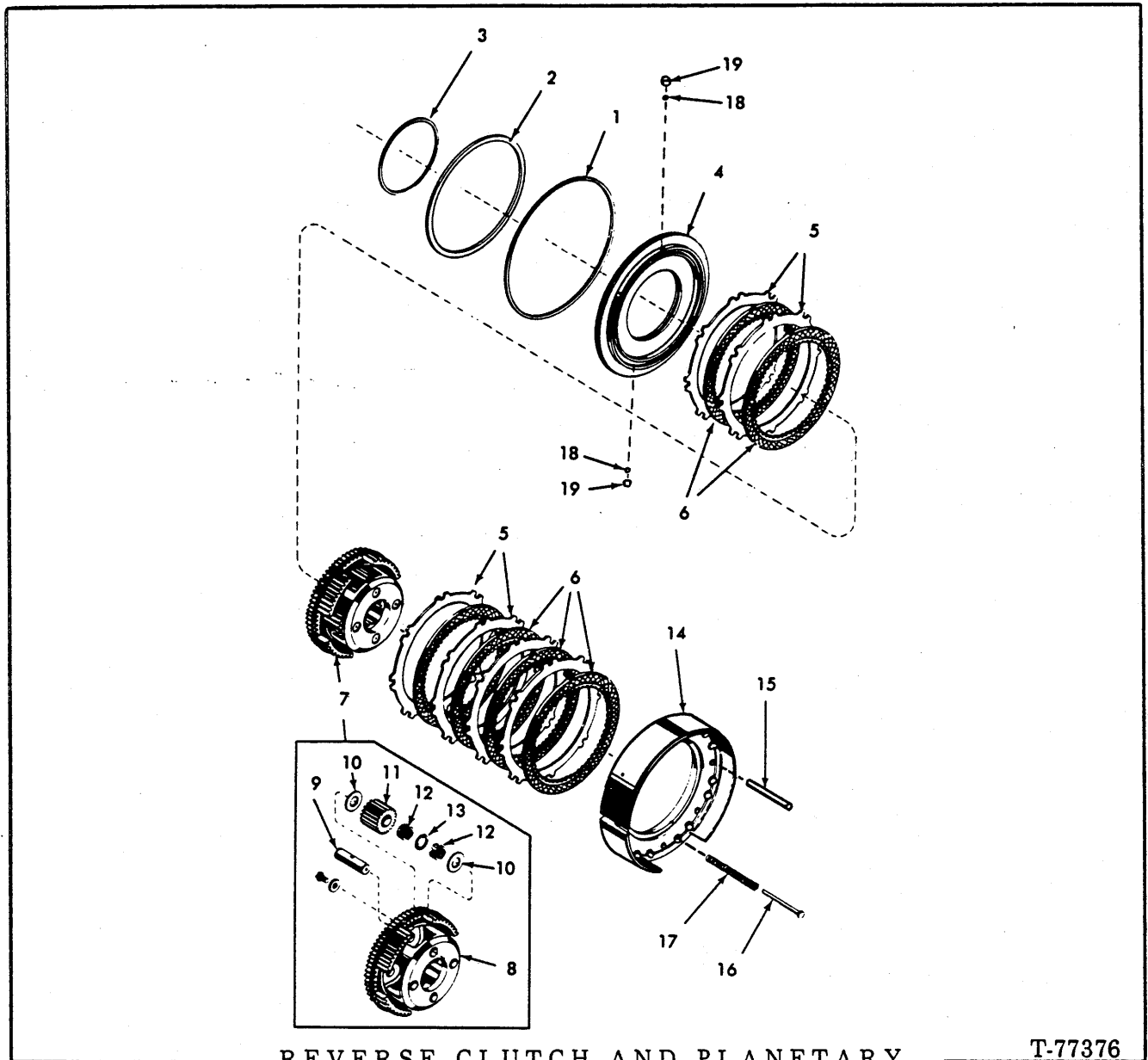
ITEM	PART NO.	QTY.		DESCRIPTION
		*	**	
1	73047700	1	1	PISTON
2	73047701	1	1	□ KIT (External)
3	73042138	1	1	□ KIT (Internal)
4	73047702	4	5	PLATE
5	73047703	4	5	PLATE

(Continued)

REVERSE CLUTCH AND PLANETARY (Continued)

ITEM	PART NO.	QTY. * **	DESCRIPTION
6	73047704	1 1	CARRIER ASSY. (Includes items 7 thru 12)
7	-----	1 1	CARRIER (Order Carrier Assy.)
8	73047708	4 4	SPINDLE
	73047707	4 4	CAPSCREW, 3/8" NF x 1/2"
	73047706	4 4	WASHER, 3/8"
9	73047709	8 8	WASHER
10	73047710	1 1	PINION SET (Consists of 4 pinions)
11	73047711	8 8	BEARING
12	73047712	4 4	SPACER
13	73047713	1 -	ANCHOR ASSY. (Includes item 14)
	73047808	- 1	ANCHOR ASSY. (Includes item 14)
14	73047714	8 8	PIN
15	73047715	15 15	PIN
16	73041678	15 15	SPRING

□ (Also see PACKAGED PARTS)



REVERSE CLUTCH AND PLANETARY

T-77376

USAGE: 2 speeds forward, 1 reverse - effective with tran. s/n 5391.

ITEM	PART NO.	QTY.	DESCRIPTION
1	73062027	1	□ RING
2	73062026	1	□ RING
3	73058793	1	□ RING
4	73062055	1	PISTON ASSY. (includes item 18 and 19)
5	73062078	6	PLATE, external splined
6	73047703	6	PLATE, internal tanged
7	73062034	1	CARRIER ASSY., reverse clutch (Includes items 8 thru 13)
8	-----	1	CARRIER (Order item 6)
9	73047708	4	SPINDLE
	73047707	4	CAPSCREW
	73047706	4	WASHER
10	73047709	8	WASHER
11	73047710	1	PINION SET (Consists of 4 pinions)
12	73047711	8	BEARING

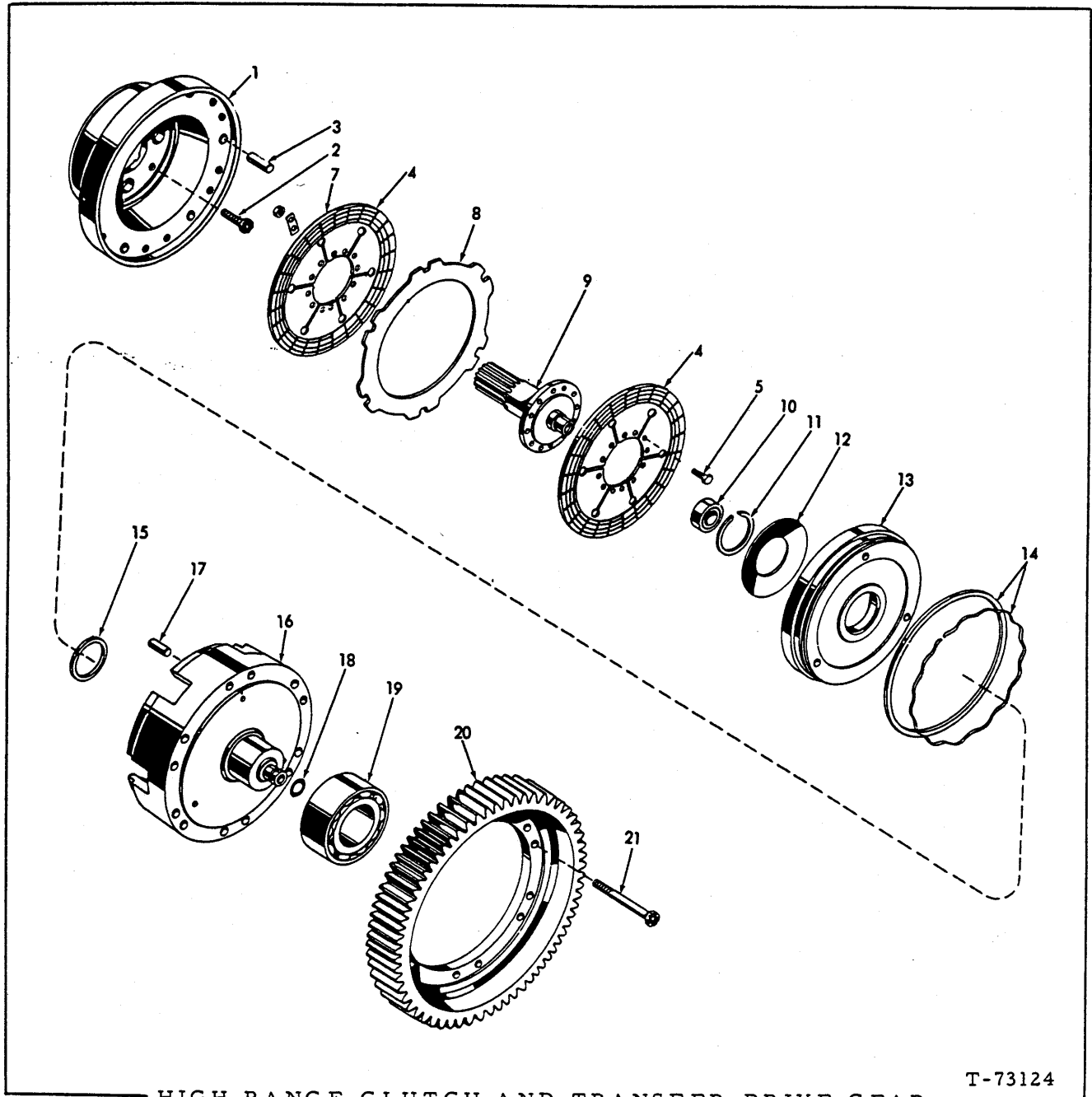
(Continued)

REVERSE CLUTCH AND PLANETARY (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
13	73047712	4	SPACER
14	73062036	1	ANCHOR ASSY. (Includes item 15)
15	73062038	8	PIN
16	73062039	15	PIN
17	73062040	15	SPRING
18	-----	2	BALL
19	-----	2	RETAINER
20	73069336	1	KIT (includes item 18, 19 and instruction sheet)

} order item 4 or 20

Also see page 11



HIGH RANGE CLUTCH AND TRANSFER DRIVE GEAR

USAGE: Model TT4420-1, 2 speed forward, 1-reverse. Original equipment

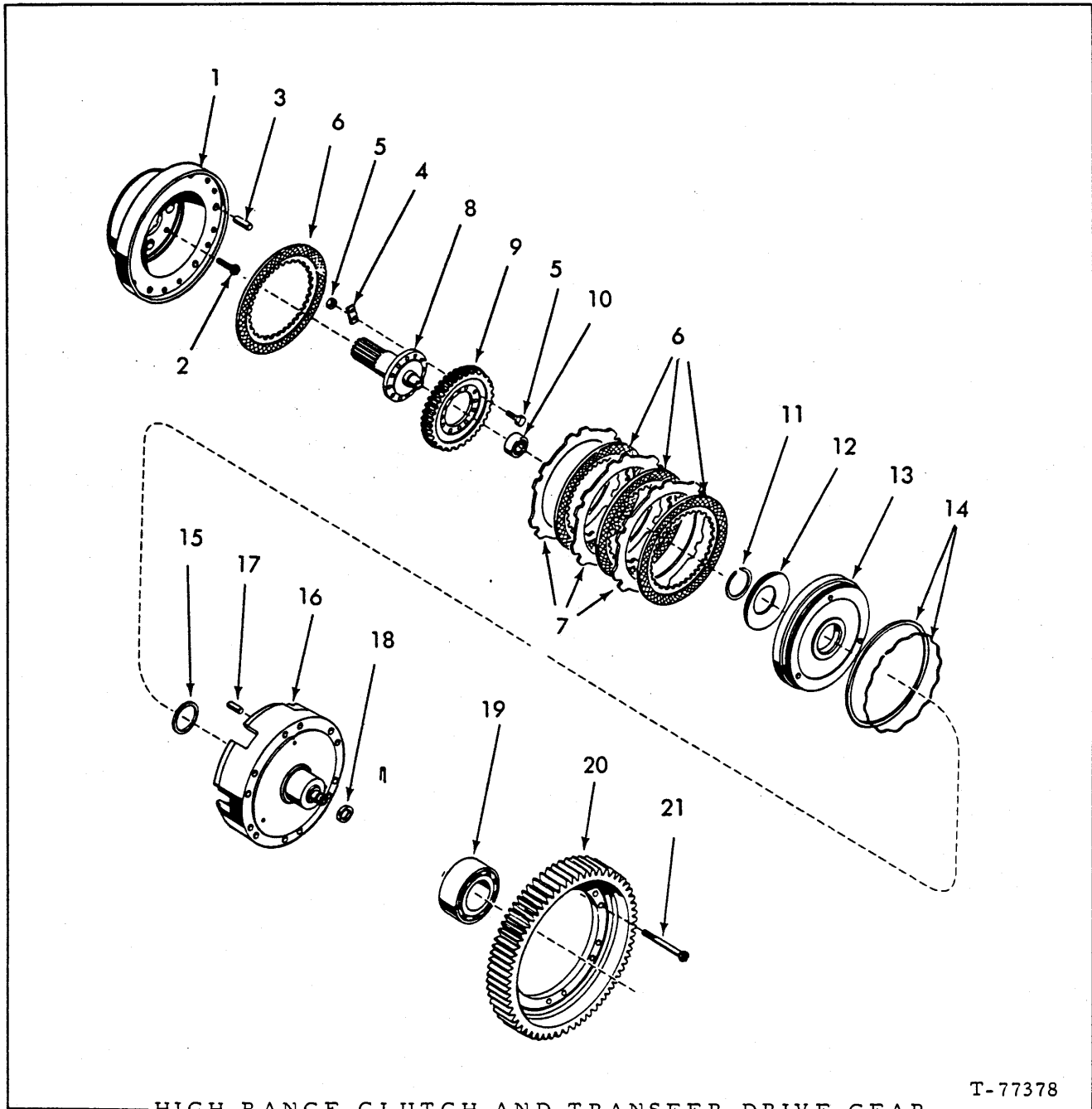
ITEM	PART NO.	QTY.	DESCRIPTION
1	73047733	1	MEMBER ASSY. (Includes item 3)
2	73047734	4	CAPSCREW
3	73044404	6	PIN
4	73046030	2	PLATE
5	73047737	12	CAPSCREW, 5/16" NF x 7/8"
7	73046029	6	STRIP, locking
	70910233	12	NUT, 5/16" NF

(Continued)

HIGH RANGE CLUTCH AND TRANSFER DRIVE GEAR (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
8	73058782	1	PLATE
9	73047736	1	SHAFT
10	73044457	1	BEARING (Single row ball)
11	73035719	1	RING
12	73035739	1	SPRING
13	73046020	1	PISTON
14	73042151	1	□ KIT
15	73035714	1	□ RING
16	73047738	1	HUB ASSY.(Includes item 17)
17	73046035	1	PIN
18	73035745	1	□ RING
19	73047739	1	BEARING
20	73048418	1	GEAR
21	73047740	12	CAPSCREW, 7/16" NF x 4"

□ (Also see PACKAGED PARTS)



T-77378

HIGH RANGE CLUTCH AND TRANSFER DRIVE GEAR

USAGE: Used on Model TT 4720-1 (2 speed forward, 1 reverse)(Effective transmission S/N 5391)

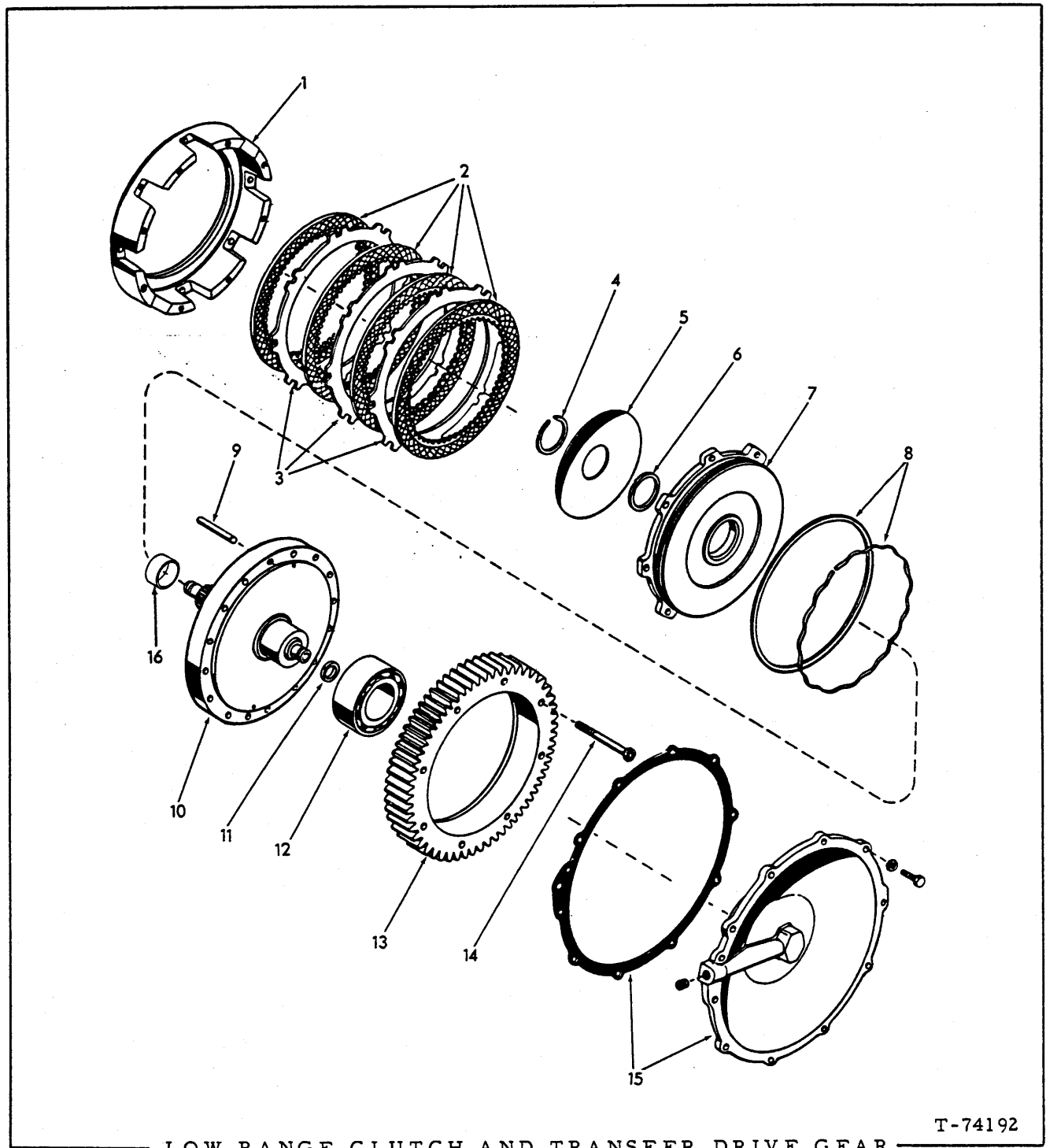
ITEM	PART NO.	QTY.	DESCRIPTION
1	73047733	1	MEMBER ASSY., clutch drive, high range (Includes item 3)
2	73047734	4	CAPSCREW
3	73044404	6	PIN
4	73046029	6	STRIP
5	73047737	12	CAPSCREW, 5/16"NF x 7/8"
	70910233	12	NUT, 5/16"NF

(Continued)

HIGH RANGE CLUTCH AND TRANSFER DRIVE GEAR (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
6	73058783	4	PLATE, internal splined
7	73058782	3	PLATE, external splined
8	73047736	1	SHAFT
9	73062024	1	HUB
10	73044457	1	BEARING
11	73035719	1	RING
12	73035739	1	SPRING
13	73062069	1	PISTON
14	73042151	1	□KIT
15	73035714	1	□RING
16	73062068	1	HUB ASSY., clutch, high range (Includes item 17)
17	73062016	3	PIN
18	73035745	1	□RING
19	73047739	1	BEARING
20	73048418	1	GEAR
21	73047740	12	CAPSCREW, 7/16"NF x 4"

□(Also see PACKAGED PARTS)



T-74192

LOW RANGE CLUTCH AND TRANSFER DRIVE GEAR

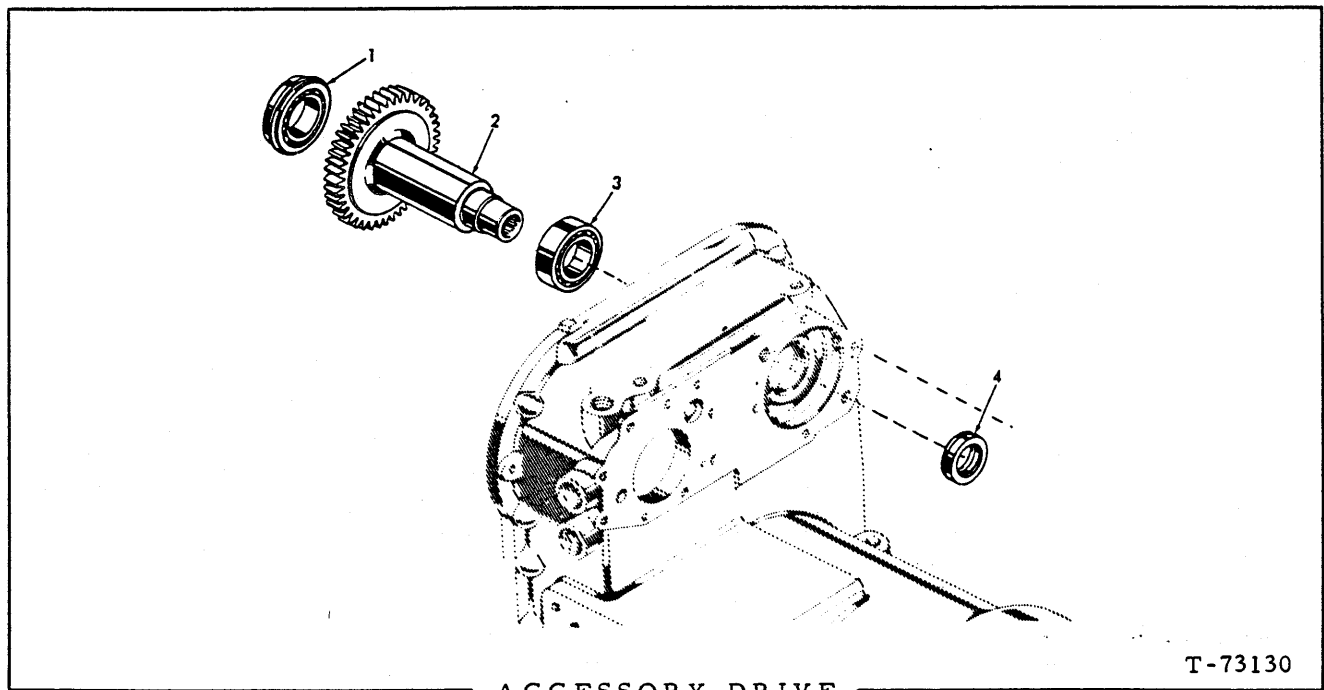
USAGE: Model TRT4420-1, 2 speed forward, 2-reverse

ITEM	PART NO.	QTY.	DESCRIPTION
1	73047838	1	PLATE
2	73047703	4	PLATE
3	73047702	3	PLATE

(Continued)

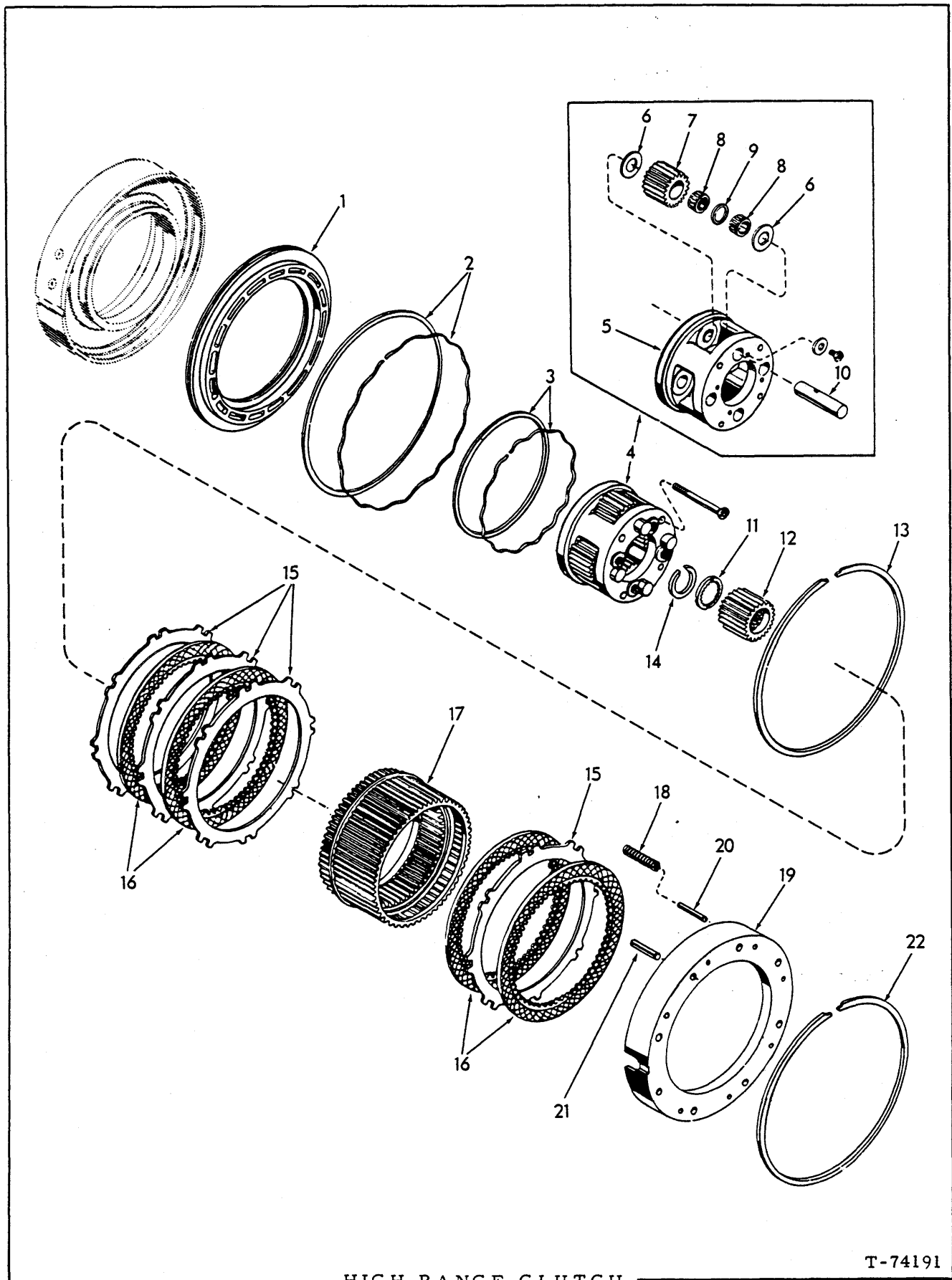
LOW RANGE CLUTCH AND TRANSFER DRIVE GEAR (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
4	73035719	1	RING
5	73055856	1	SPRING
6	73035714	1	□ RING
7	73104560	1	PISTON
8	73042146	1	□ KIT
9	73047845	8	PIN
10	73047844	1	HUB ASSY. (Includes item 9)
11	73035745	1	RING
12	73047739	1	BEARING
13	73047847	1	GEAR
14	73047848	8	CAPSCREW, 1/2" NF x 4"
15	-----	-	GASKET, cover (See page 113)
16	73057805	1	SPACER, hub



ITEM	PART NO.	QTY.	DESCRIPTION
1	73068363	1	BEARING
2	73047758	1	GEAR (original equipment prior to trans. s/n 5391)
	73065000	1	GEAR (for first replacement trans. s/n 5391 thru 9525 also order 1 GEAR 73065001, 1 GEAR 73065002 on pages 106 and 108)
3	73068364	1	BEARING
4	73026156	1	□ SEAL

□ Also see page 11



HIGH RANGE CLUTCH

T-74191

HIGH RANGE CLUTCH

USAGE: Model TRT4420-1, 2 speed forward, 2-reverse

ITEM	PART NO.	QTY.	DESCRIPTION
1	73047821	1	PISTON
2	73047701	1	□ KIT
3	73047720	1	□ KIT
4	73047822 73047824	1 4	CARRIER ASSY. (Includes items 5 thru 10) CAPSCREW, 7/16" NF x 3-11/16"
5	-----	1	CARRIER (Order Carrier Assy.)
6	73047709	8	WASHER
7	73047710	1	PINION SET (Consists of 4 pinions)
8	73047711	8	BEARING
9	73047712	4	SPACER
10	73047708 73047707 73047706	4 4 4	SPINDLE CAPSCREW, 3/8" NF x 1/2" WASHER, 3/8"
11	73047825	1	WASHER
12	73047826	1	GEAR
13	73100707	1	RING, snap (.187" thick)
	73047828	1	RING, snap (.174" thick - Color code Red)
	73047829	1	RING, snap (.180" thick - Color code White)
	73047830	1	RING, snap (.193" thick - Color code Blue)
	73047831	1	RING, snap (.200" thick - Color code Green)
			} use as required
14	73051199	1	RING
15	73047702	4	PLATE
16	73047703	4	PLATE
17	73047833	1	GEAR
18	73047834	7	SPRING
19	73047820	1	ANCHOR ASSY. (Includes items 20 and 21)
20	73047836	7	PIN
21	73047835	8	PIN
22	73100707	1	RING, snap (.187" thick)

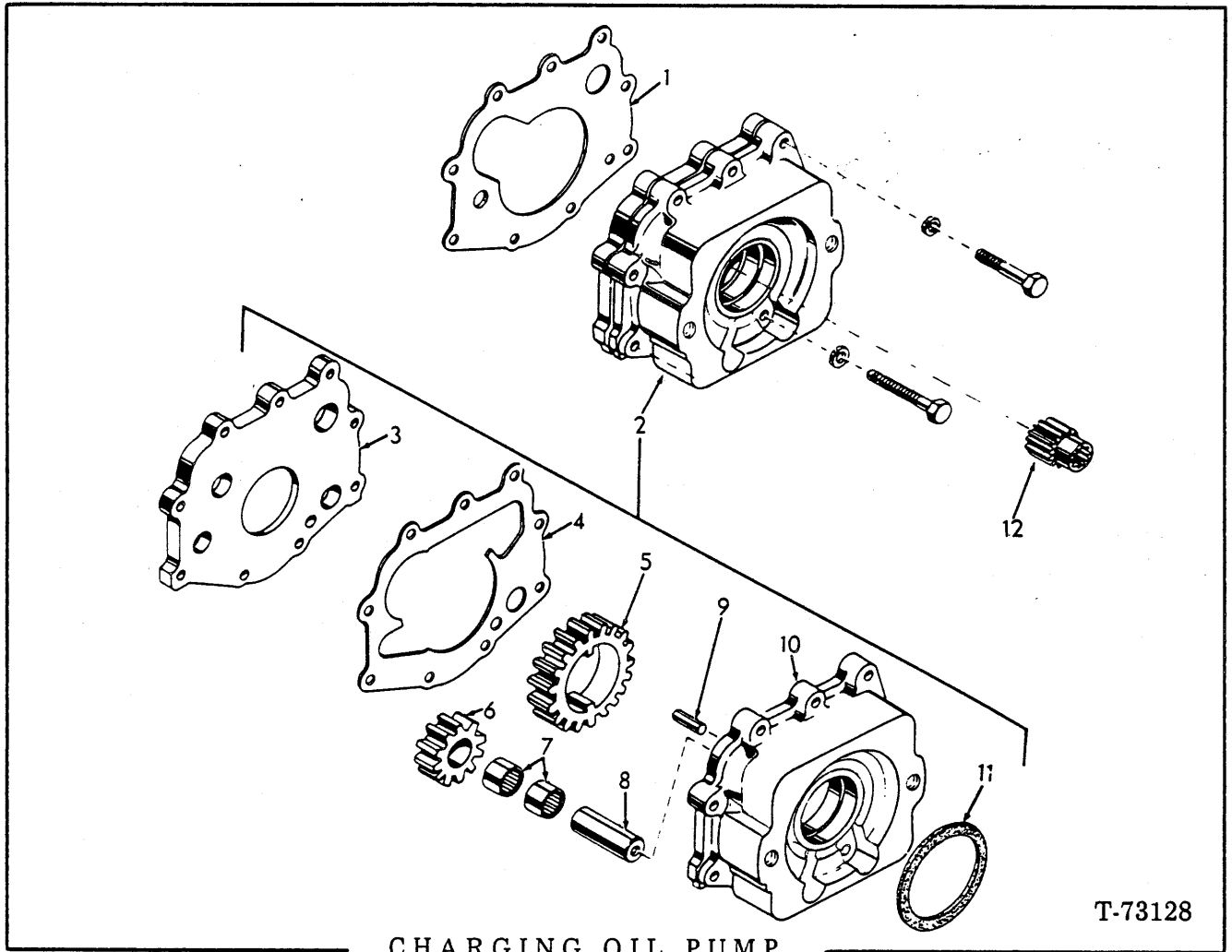
□ (Also see PACKAGED PARTS)

OUTPUT SHAFT AND AXLE DISCONNECT

USAGE: *Transmission without Rear Axle Disconnect
 **Optional Transmission with Rear Axle Disconnect

ITEM	PART NO.	QTY.		DESCRIPTION
		*	**	
1	73047670	1	1	YOKE
	70924944	1	1	□ NUT
2	70194680	2	2	SLINGER (FIRST TYPE uses 2)
3	70194679	2	2	□SEAL
4	73047746	2	2	SPACER
5	73021060	1	2	RING
5a	70194533	1	1	BEARING
6	73047749	1	-	BEARING
	70194533	-	2	BEARING
7	73047747	1	-	SHAFT
8	73021091	1	-	CAP, shifter shaft (First Type)
9	73062045	-	1	SHAFT
10	73047770	-	1	SPRING
	70915905	-	2	BALL, 3/8"
11	73047771	-	1	COUPLING
12	73047772	-	1	FORK
13	73035864	-	1	SHAFT
14	73021053	-	1	□SEAL
15	73047748	1	1	GEAR (Model TT4420-1, 2 speed forward, 1-reverse)
	73047854	-	1	GEAR (Model TRT4420-1, 2 speed forward, 2-reverse)
16	73021094	-	1	BUSHING
17	73047773	-	1	SHAFT ASSY. (Includes item 16)
18	73047026	1	1	YOKE
	70924944	1	1	□ NUT

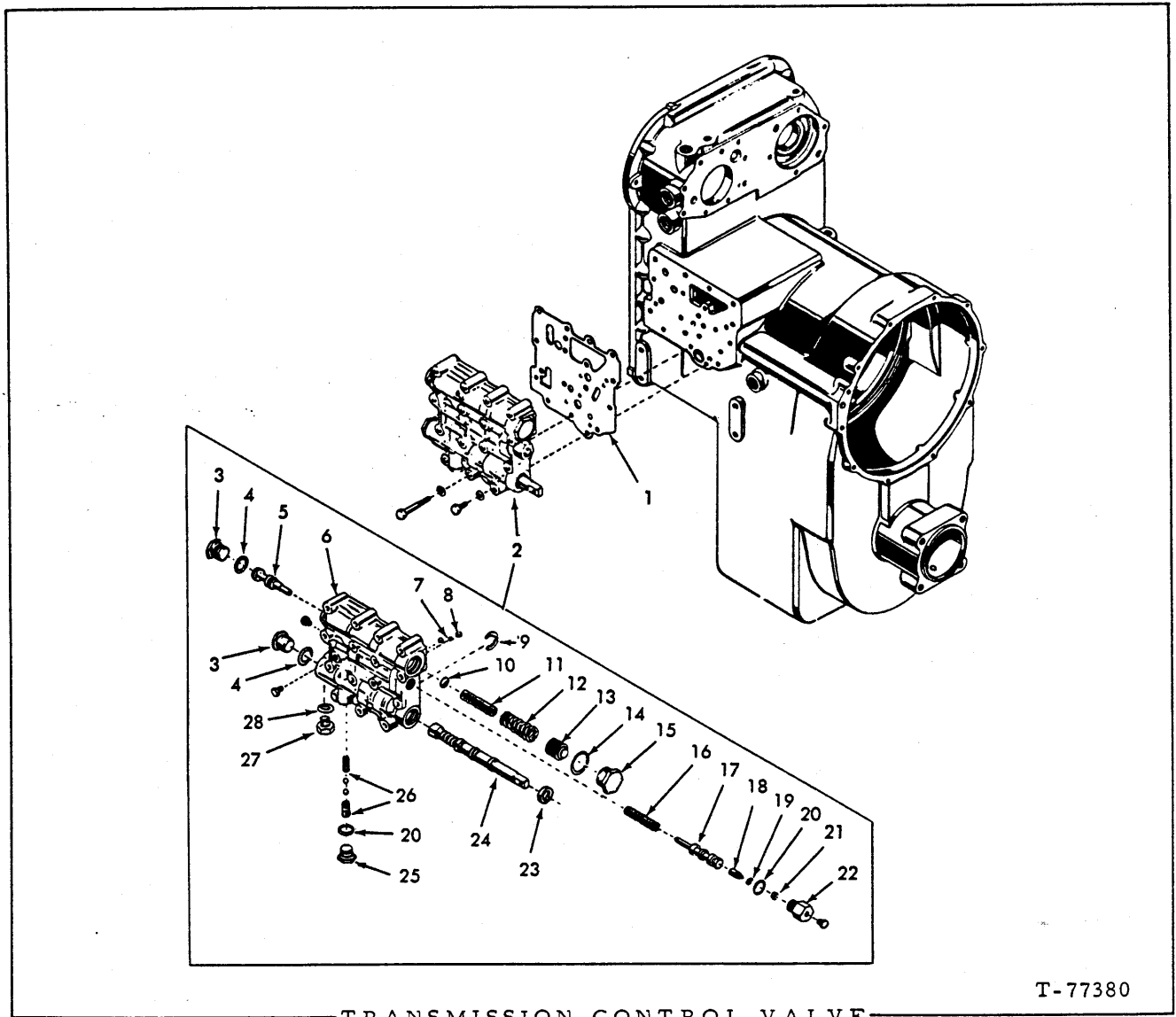
□ (Also see PACKAGED PARTS)



CHARGING OIL PUMP

T-73128

ITEM	PART NO.	QTY.	DESCRIPTION
1	73044386	1	<input type="checkbox"/> GASKET
2	73066548	1	<input type="checkbox"/> PUMP ASSY. (Service replacement includes items 3 thru 10) (Also order item 13)
	70920275	2	CAPSCREW, 3/8" NC x 2"
	70910948	2	CAPSCREW, 3/8" NC x 3"
	70910287	2	LOCKWASHER, 3/8"
3	73066601	1	COVER
4	73044402	1	<input type="checkbox"/> GASKET
5	.....	1	GEAR, drive (Order item 2)
6	.....	1	GEAR, driven (Order item 2)
7	73068571	2	BEARING
8	.....	1	SHAFT (Order item 2)
9	73044436	1	PIN
10	.....	1	BODY (Order item 2)
	.....	1	SEAL (Early units)
11	.....	1	O-RING (Early units) } Order GASKET 73061288
	73061288	1	GASKET (Use with original PUMP ASSY.)
12	73044949	1	COUPLING
13	73026156	1	<input type="checkbox"/> SEAL (Use with service replacement PUMP ASSY.)
			<input type="checkbox"/> (Also see page 11)



T-77380

TRANSMISSION CONTROL VALVE

USAGE: *Model TT4420-1, 2 speed forward, 1-reverse
 **Model TRT4420-1, 2 speed forward, 2-reverse

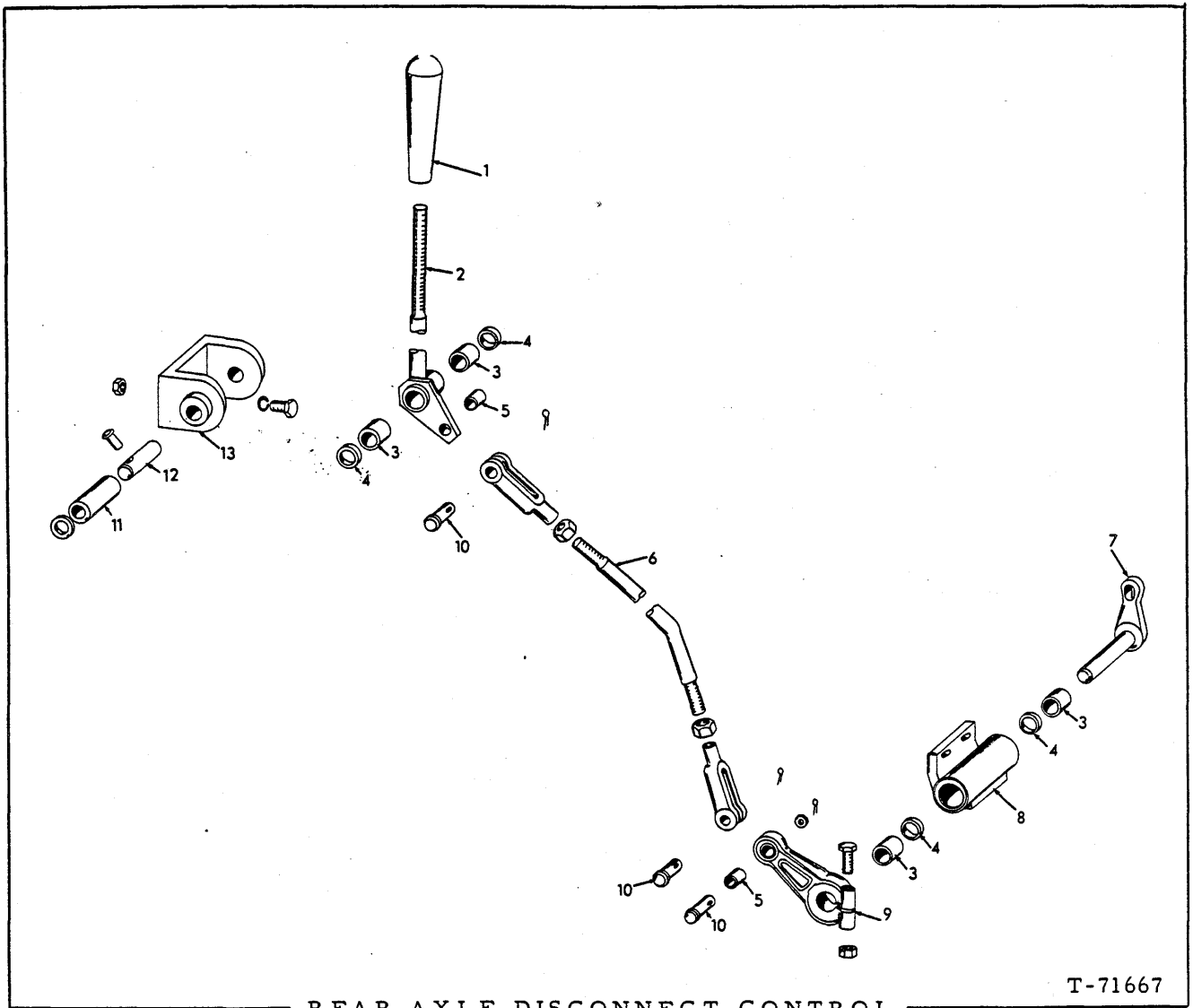
ITEM	PART NO.	QTY.	DESCRIPTION
		* **	
1	73048782	1	- GASKET
	73048842	- 1	GASKET
2	73063377	1	- VALVE ASSY. (Includes items 3 thru 28)
	73063392	- 1	VALVE ASSY. (Includes items 3 thru 28)
	70916271	1	1 CAPSCREW, 3/8"NC x 1"
	70912069	15	15 CAPSCREW, 3/8"NC x 2-1/2"
	70904206	16	16 LOCKWASHER, 3/8"
3	73044473	2	2 PLUG

(Continued)

TRANSMISSION CONTROL VALVE (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
		* **	
4	73044474	2 2	□GASKET
5	73048836	1 1	VALVE
6,	{ 73062773	1 -	BODY (Also order 1-73062076 VALVE)
	73063084	- 1	BODY (Also order 1-73062140 VALVE)
	70919134	2 2	PLUG, pipe, hex-hd., 1/8"NPT
7	73044478	1 1	BALL
8	73044479	1 1	PLUG
9	73044480	1 1	STOP
10	73054808	1 1	RETAINER
11	73070693	1 1	SPRING
12	73048839	1 1	SPRING
13	73104559	1 1	PLUG
14	73044485	1 1	□GASKET
15	73044486	1 1	PLUG
16	73044487	1 1	SPRING
17	{ 73044488	1 1	VALVE, clutch cut-off (Used prior to transmission s/n 4724)
	73062726	1 1	VALVE, clutch cut-off (Effective with transmission s/n 4724)
18	73031846	1 1	PLUG
19	73021058	1 1	□RING
20	73044489	2 2	□GASKET
21	73031847	1 1	□CUP
22	73021170	1 1	PLUG
	70919134	1 1	PLUG, pipe, hex-hd., 1/8"NPT
23	73063376	1 1	□SEAL
24	{ 73062076	1 -	VALVE
	73062140	- 1	VALVE
25	73044493	1 1	PLUG
26	73062021	2 2	SPRING
	70917580	2 2	BALL, detent, 1/2" diam.
27	73063379	1 1	PLUG
28	73063378	1 1	WASHER, seal

□(Also see page 11)



REAR AXLE DISCONNECT CONTROL

T-71667

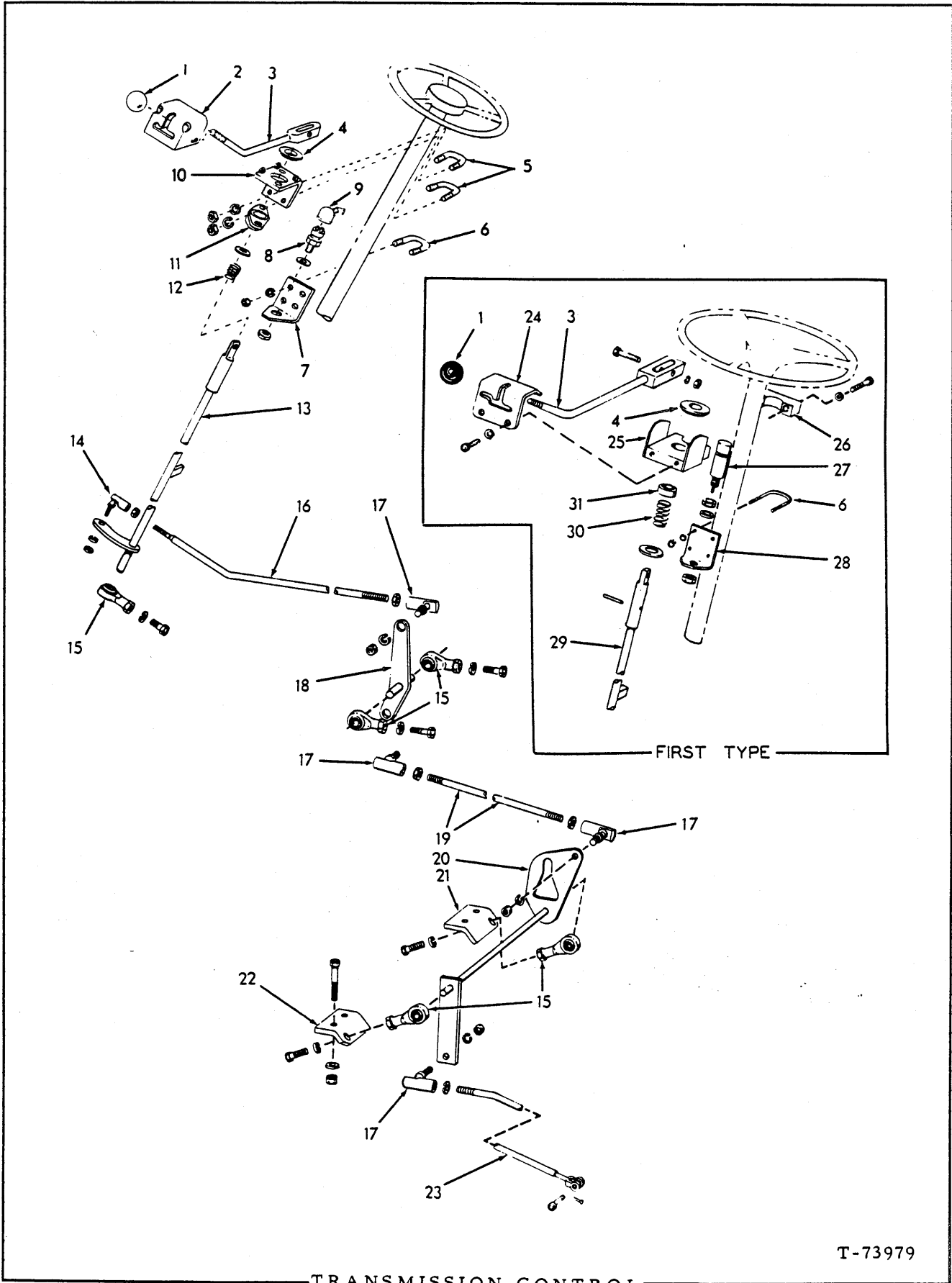
USAGE: Special Equipment

ITEM	PART NO.	QTY.	DESCRIPTION
1	73041952	1	GRIP
2	73047628	1	LEVER ASSY. (Includes 2 bearing, item 3; 2 seal, item 4; 1 bushing, item 5)
3	70208253	4	BEARING
4	70052662	4	SEAL
5	73013909	2	BUSHING
6	73048521	1	ROD
	70917666	2	YOKE
	70913177	2	NUT, jam, 1/2" NF

(Continued)

REAR AXLE DISCONNECT CONTROL (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
7	73050123	1	LEVER
	70905122	1	KEY, #7 woodruff, 1/8" x 3/4"
8	73047149	1	BRACKET ASSY. (Includes 2 bearing, item 3; 2 seal, item 4)
	70916271	2	CAPSCREW, 3/8" NC x 1"
	70910287	2	LOCKWASHER, 3/8"
9	73050124	1	LEVER ASSY. (Includes 1 bushing, item 5)
	70916385	1	CAPSCREW, 3/8" NF x 2"
	70910123	1	NUT, 3/8" NF
10	73001565	3	PIN
	70900806	3	PIN, cotter, 1/4" x 1"
	70910244	1	WASHER, plain, SAE std., 1/2"
11	73020886	1	SPACER
	70910255	1	WASHER, plain, SAE std., 3/4"
12	73017119	1	SHAFT
	70916937	1	PIN, roll, 1/4" x 1-1/4"
13	73017118	1	BRACKET
	70915228	3	CAPSCREW, 3/8" NF x 1-1/4"
	70910287	3	LOCKWASHER, 3/8"
	70910123	3	NUT, 3/8" NF



TRANSMISSION CONTROL

T-73979

TRANSMISSION CONTROL

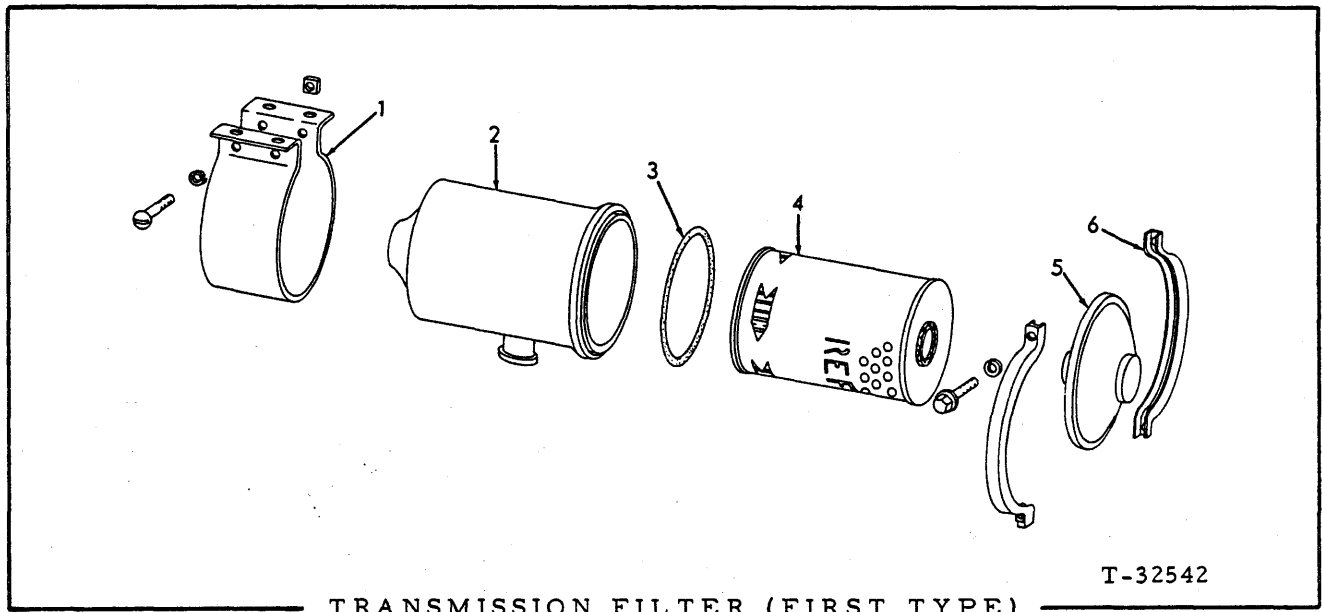
USAGE: *Used prior to loader serial no. 96M02701, 87L02701, 23C02701 and 84U02701.
 **Effective with loader serial no. 96M02701, 87L02701, 23C02701 and 84U02701.

ITEM	PART NO.	QTY.	DESCRIPTION
		* **	
1	73001171	1 1	KNOB
2	73053306	- 1	COVER (2-speed forward, 1-reverse)
	73053524	- 1	COVER (2-speed forward, 2-reverse)
	70916284	- 3	CAPSCREW, 1/4" NC x 1/2"
	70911114	- 3	WASHER, SAE std., 1/4"
	70904204	- 3	LOCKWASHER, 1/4"
3	73053224	1 1	LEVER
	70916385	1 1	CAPSCREW, 3/8" NF x 2"
	70910287	1 1	LOCKWASHER, 3/8"
	70910123	1 1	NUT, 3/8" NF
4	73048860	1 1	WASHER
	73057358	- 2	U-BOLT
	70904208	- 4	LOCKWASHER, 1/2"
	70910244	- 4	WASHER, plain, 1/2"
	70910195	- 4	NUT, 1/2" NF
6	73048011	2 2	U-BOLT
	70904204	4 4	LOCKWASHER, 1/4"
	70911114	4 4	WASHER, plain, 1/4"
	70911040	4 4	NUT, 1/4" NF
7	73057402	- 1	BRACKET
8	73057506	- 1	SWITCH (safety) (Includes mounting nuts)
9	73061193	1 1	BOOT
10	73053307	- 1	BRACKET
11	73053308	- 1	BEARING ASSY. (Includes 1 FITTING 70914465)
	70919224	- 2	CAPSCREW, 3/8" NF x 1-1/8"
	70910287	- 2	LOCKWASHER, 3/8"
	70910324	- 2	NUT, 3/8" NF
	70914465	- 2	FITTING, lube, 1/8" NPT
12	73057766	- 1	SPRING
13	73057357	- 1	LEVER
14	70925041	1 1	JOINT, ball, adjustable, 3/8" NF
	70910287	1 1	LOCKWASHER, 3/8"
	70910329	1 1	NUT, jam, 3/8"
	70910123	1 1	NUT, 3/8"
15	73018142	5 5	BEARING
	70916404	5 5	CAPSCREW, 5/8" NF x 1-1/4"
	70904209	5 5	LOCKWASHER, 5/8"
16	73048113	1 1	ROD
17	70925042	4 4	JOINT, ball, adjustable, 1/2" NF
	70904208	4 4	LOCKWASHER, 1/2"
	70913177	4 4	NUT, jam, 1/2"
	70919423	4 4	NUT, 1/2" NF

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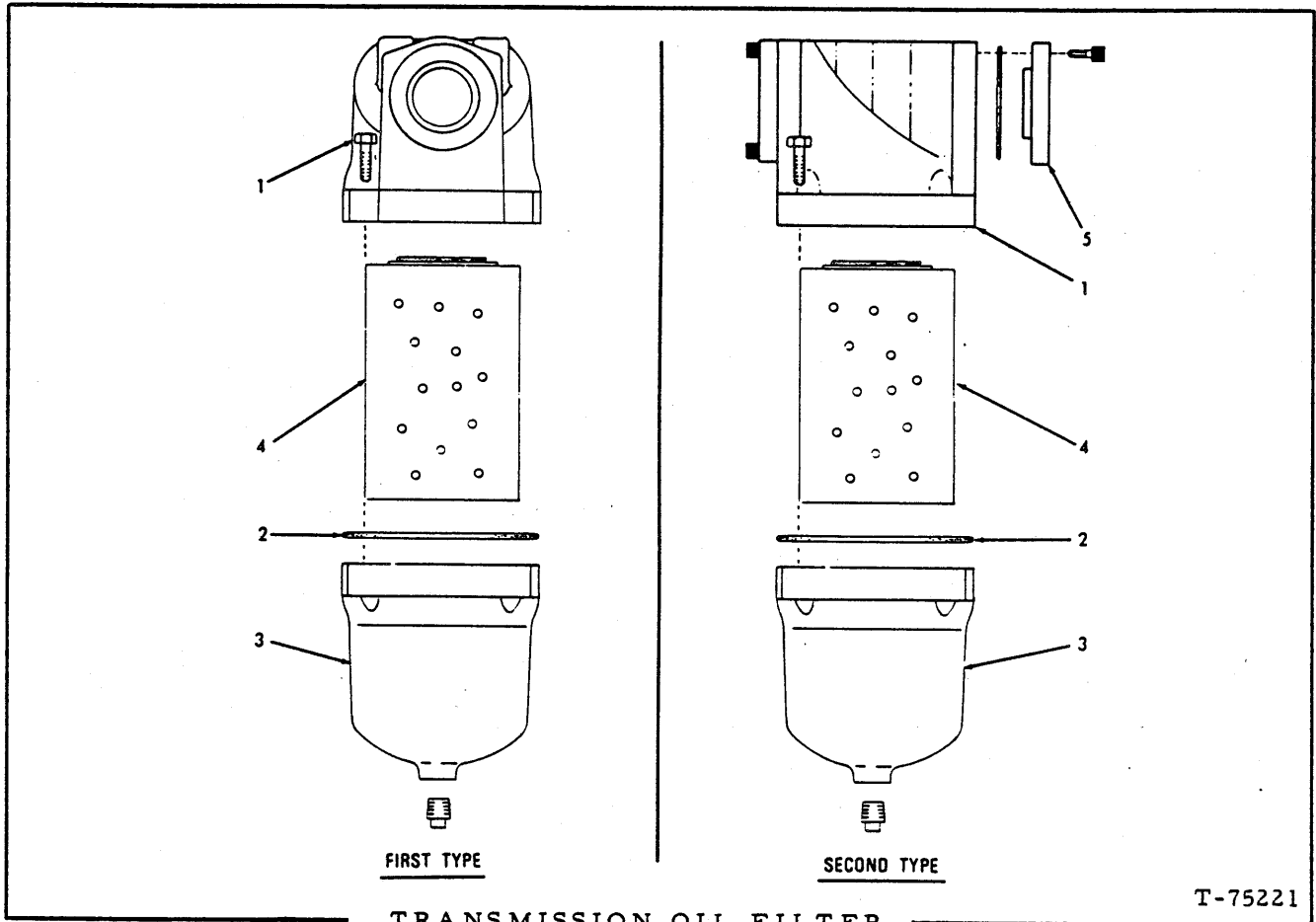
TRANSMISSION CONTROL (Continued)

ITEM	PART NO.	QTY.		DESCRIPTION
		*	**	
18	73048128	1	1	LEVER ASSY.
19	73020748	1	1	ROD
20	73048124	1	1	LEVER
21	73048708	1	1	BRACKET
	70916971	2	2	CAPSCREW, 5/8" NC x 3-1/4" (Used prior to unit no. 2701)
	70927532	2	2	CAPSCREW, 5/8" NF x 3-1/2" (Effective with unit no. 2701)
	70927328	2	2	WASHER, 9/16"
	70923351	2	2	NUT, 5/8" NC (Used prior to unit no. 2701)
	70926712	2	2	NUT, 5/8" NF (Effective with unit no. 2701)
22	73048707	1	1	BRACKET
	70916971	2	2	CAPSCREW, 5/8" NC x 3-1/4" (Used prior to unit serial no. 2701)
	70927532	2	2	CAPSCREW, 5/8" NF x 3-1/2" (Effective with unit no. 2701)
	70927328	2	2	WASHER, 9/16"
	70923351	2	2	NUT, 5/8" NC (Used prior to unit no. 2701)
	70926712	2	2	NUT, 5/8" NF (Effective with unit no. 2701)
23	73048109	1	1	ROD
	70917646	1	1	PIN
	70900802	1	1	PIN, cotter, 3/32" x 1"
24	73048601	1	-	COVER (2-speed forward, 2-reverse)
	73051178	1	-	COVER (2-speed forward, 1-reverse)
	70916381	2	-	CAPSCREW, 3/8" NF x 3/4"
	70910287	2	-	LOCKWASHER, 3/8"
25	73048923	1	-	CLAMP
26	73048006	1	-	CLAMP
	70916387	2	-	CAPSCREW, 3/8" NF x 2-1/2"
	70910287	2	-	LOCKWASHER, 3/8"
27	70631844	1	-	SWITCH (Includes mounting nuts)
28	73057402	1	-	BRACKET
29	73048126	1	-	ROD
30	73016399	1	-	SPRING
	70926204	1	-	WASHER, 1" I. D. x 1-1/2" O. D.
	70916171	1	-	PIN, roll 1/4" x 1-1/2"
31	73048960	1	-	BUSHING



USAGE: Standard Equipment prior to Loader serial no. 1717

ITEM	PART NO.	QTY.	DESCRIPTION
-	73034035	1	FILTER ASSY., transmission (Includes items 1 thru 6)
	70916206	4	CAPSCREW, 5/16" NF x 7/8"
	70910335	4	WASHER, plain, SAE std., 5/16"
	70904205	4	LOCKWASHER, 5/16"
	70913636	4	NUT, 5/16" NF
1	73035371	1	BRACKET
	70903756	2	SCREW, mach., 1/4" NC x 2-1/2"
	70904204	2	LOCKWASHER, 1/4"
	70912660	2	NUT, 1/4" NC
2	73035375	1	BODY
3	73035373	1	RING
4	73056509	1	ELEMENT KIT (Includes item 3)
5	73035374	1	COVER ASSY., filter (serviced only as a unit)
6	73035372	2	CLAMP, cover (half)
	70914847	2	CAPSCREW, 3/8" NC x 1-1/2"
	70910287	2	LOCKWASHER, 3/8"



T-75221

TRANSMISSION OIL FILTER

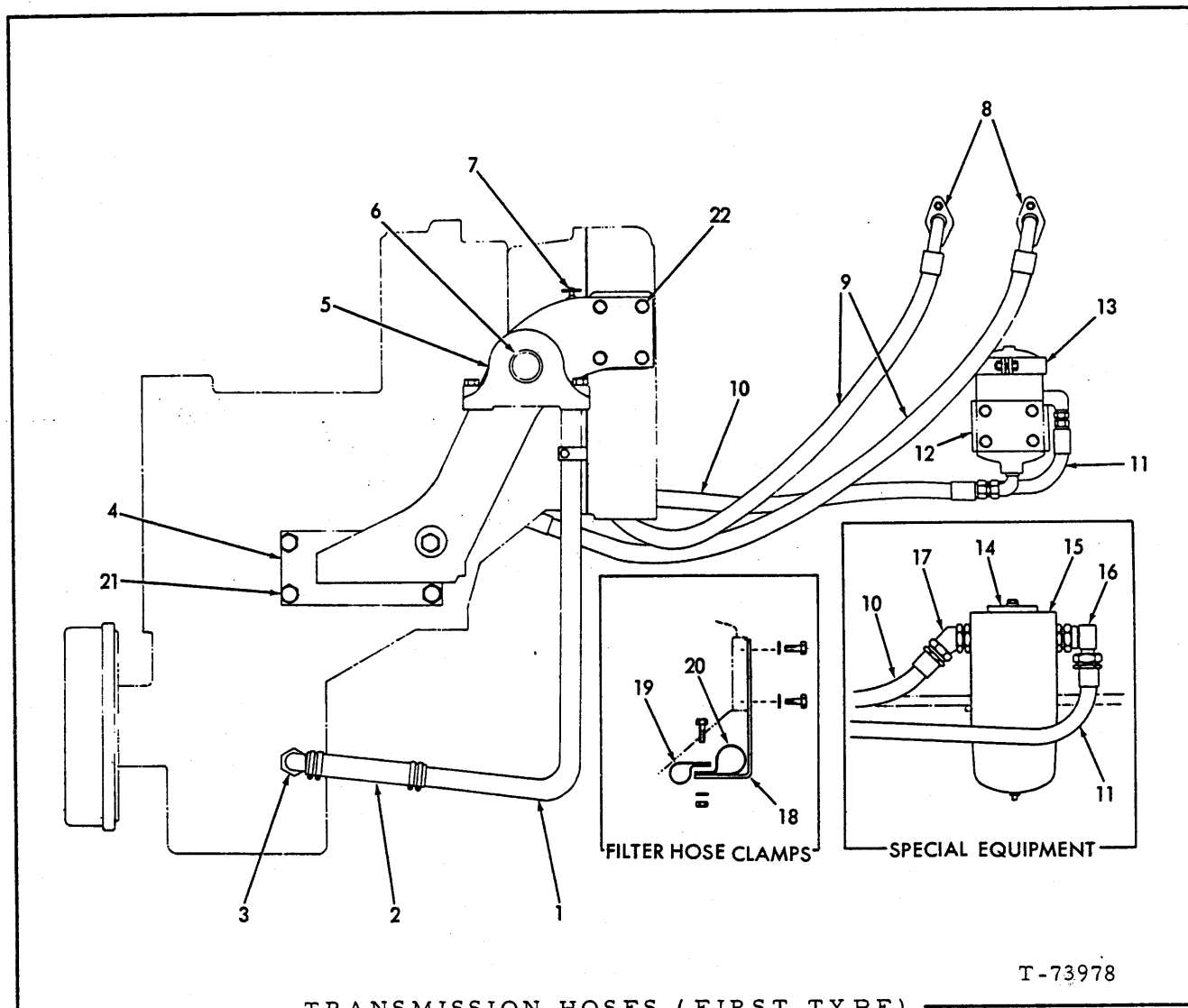
USAGE: * First Type (Special Equipment) Prior to Loader serial no. 1717; Standard Equipment effective Loader serial no. 1717 and up, 96M02050 and up, 23C02248 and up.

} See page 147

** Second Type

NOTE: FILTER ASSY. 73065137 includes total quantity 2 O-RING 70923584.

ITEM	PART NO.	QTY.		DESCRIPTION
		*	**	
-	-----	1	-	FILTER ASSY. (First Type - order FILTER ASSY. 73065137)
-	73065137	-	1	FILTER ASSY. (Includes item 1 thru 5) (Service replacement as assy. only)(also order 2 CONNECTOR 70921217)
1	70666243	1	-	HEAD ASSY.
	73065358	-	1	HEAD ASSY. (Includes O-RING indented below)
	70923584	-	1	O-RING
	70920648	4	4	CAPSCREW, 7/16" NC x 2"
	70929247	-	4	WASHER, 15/32"
2	70666244	1	1	SEAL
3	70666245	1	-	HOUSING
	73065357	-	1	HOUSING } (Includes PLUG indented below)
	70901653	1	1	PLUG, 3/8" NPT
4	70679513	1	1	ELEMENT KIT (Includes Element and item 2)
5	73065359	-	2	ADAPTER ASSY. (Each includes 1/2 quantity of items indented below)
	70922996	-	8	CAPSCREW, skt. hd., 5/16" NC x 1"
	70923584	-	2	O-RING



TRANSMISSION HOSES (FIRST TYPE)

T-73978

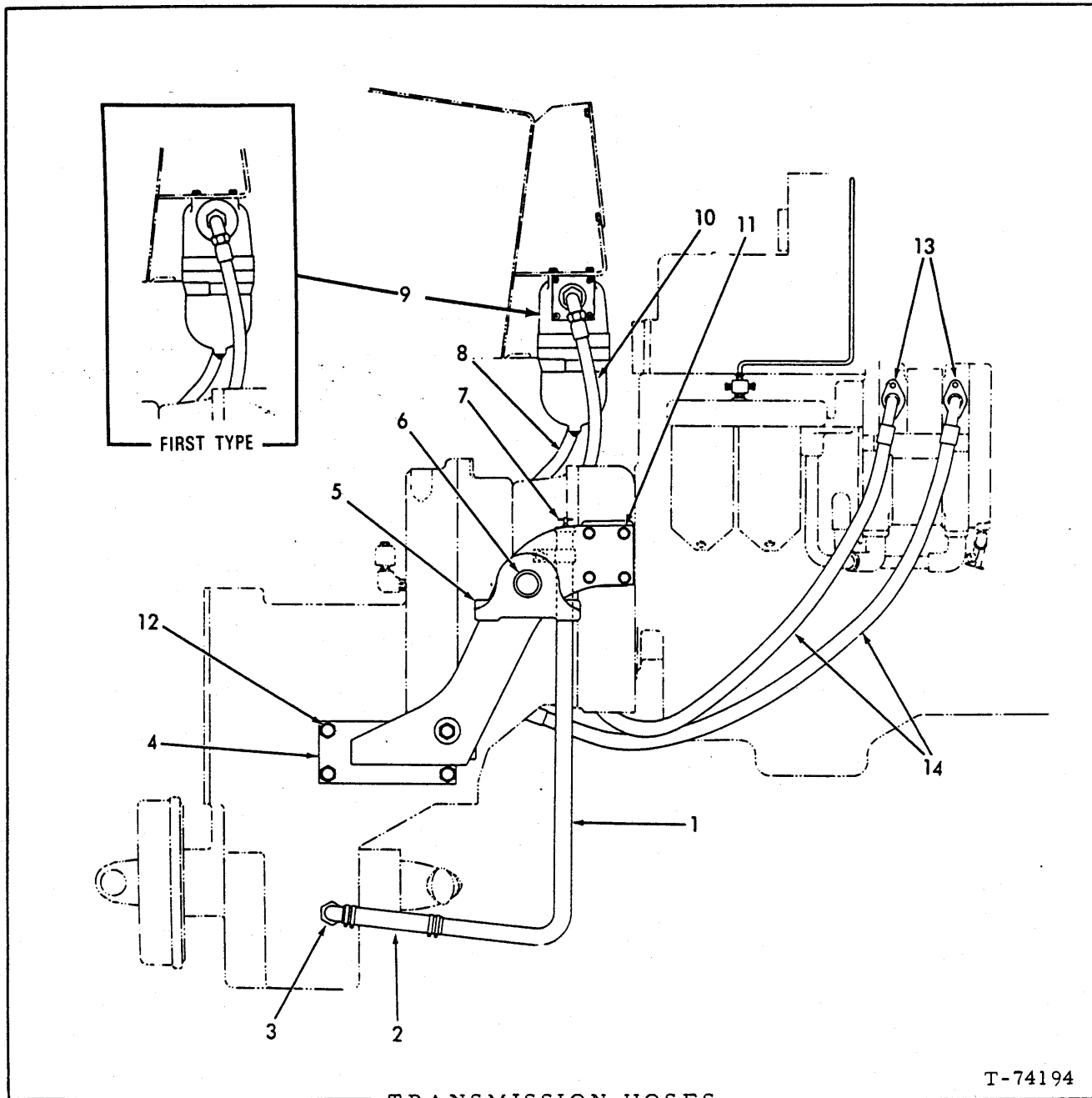
USAGE: Prior to Loader serial no. 1717

ITEM	PART NO.	QTY.	DESCRIPTION
1	73050475	1	TUBE ASSY., oil filter (includes clamp)
	70916309	1	CAPSCREW, 1/2" NC x 3/4"
	70904208	1	LOCKWASHER, 1/2"
2	73048614	1	HOSE, 1-1/2" I. D. x 8"
	70921912	4	CLAMP, adjustable (1-1/16 to 2")
3	70925092	1	NIPPLE, male, 1-1/2" hose, I. D., 1-1/4" NPTF
4	73048958	1	BRACKET ASSY., transmission/engine mount, L. H. (includes 1-Pad, item 5; 1-Bearing, item 6)
	73048959	1	BRACKET ASSY., transmission/engine mount, R. H. (includes 1-Pad, item 5; 1-Bearing, item 6)
5	70192951	2	PAD
	70915790	4	CAPSCREW, 5/8" NF x 3"
	70916589	4	NUT, safety, 5/8" NF
6	70930407	2	BEARING

(Continued)

TRANSMISSION HOSES (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION	
7	73104692	1	DIPSTICK	
8	74335578	2	GASKET	
9	73050034	2	HOSE ASSY., Heat Exchanger to Transmission (Serviced only as an assembly)	
	70916254	4	CAPSCREW, 7/16" NC x 1"	
	70904207	4	LOCKWASHER, 7/16"	
	70922632	2	ELBOW, 3/4" tube, 1-5/16" str. thd. (Includes O-RING 70921214)	
	70921214	2	O-RING, 1" tube	
10	73043426	1	HOSE ASSY., filter to transmission (See HOSE PARTS)	
	70919269	1	ELBOW, 3/4" tube 3/4" NPT male	
	70922997	1	CONNECTOR, 3/4" tube, 1-5/16" str. thd. (Includes O-RING 70921214) (at Transmission)	
	70921214	1	O-RING, 1" tube	
11	73043152	1	HOSE ASSY., transmission to filter (See HOSE PARTS)	
	70919269	1	ELBOW, 3/4" tube, 3/4" NPT male	
	70922997	1	CONNECTOR, 3/4" tube, 1-5/16" str. thd. (Includes O-RING 70921214) (at Transmission)	
	70921214	1	O-RING, 1" tube	
12	73047529	1	PLATE	} Standard Equipment
	70923683	2	CAPSCREW, 3/8" NC x 3/4" (self tapping)	
13	-----	1	See TRANSMISSION FILTER	
14	73104765	1	BRACKET	} Special Equipment
	70923683	2	CAPSCREW, 3/8" NC x 3/4" (self tapping)	
15	-----	1	See TRANSMISSION FILTER	
16	70926300	1	ELBOW, 3/4" tube, 1-1/16" str. thd.	} Special Equipment
	70924182	1	CONNECTOR, 3/4" tube	
17	70919624	1	ELBOW, 3/4" tube, 1-1/16" str. thd.	} Special Equipment
	70924182	1	CONNECTOR, 3/4" tube	
18	73100907	1	BRACKET	} Effective loader serial no. 1406 and up
	70916315	2	CAPSCREW, 1/2" NC x 2-1/4"	
19	70197059	1	CLAMP	
20	70196803	1	CLAMP	
	70921176	1	CAPSCREW, 1/2" NC x 1-1/4"	
	70904208	1	LOCKWASHER, 1/2"	
	70910325	1	NUT, 1/2" NC	
21	70922644	8	CAPSCREW, 5/8" NC x 3/4"	
	70904209	8	LOCKWASHER, 5/8"	
22	70916314	8	CAPSCREW, 1/2" NC x 2"	
	70916966	8	LOCKWASHER, 1/2"	



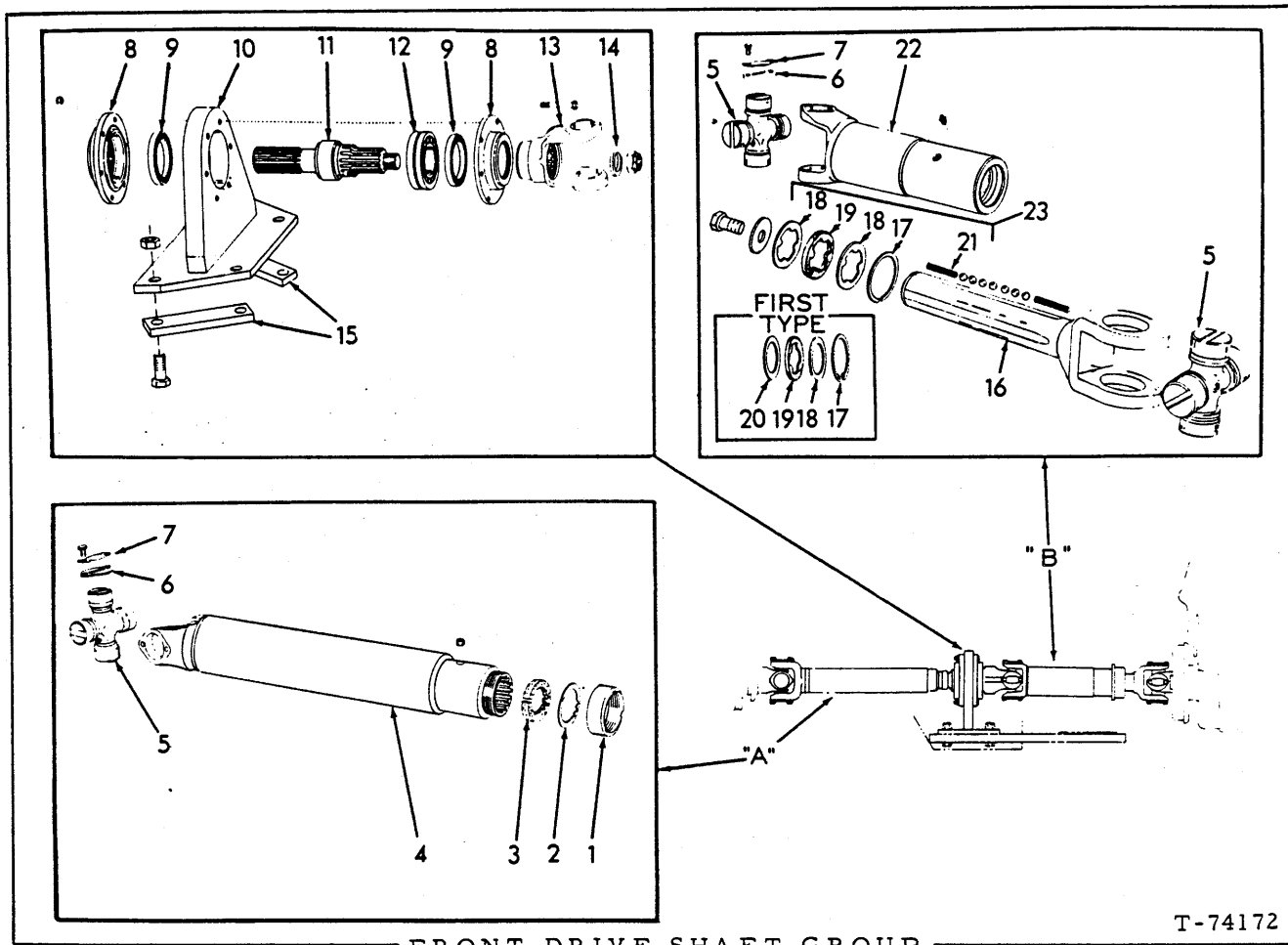
TRANSMISSION HOSES

ITEM	PART NO.	QTY.	DESCRIPTION
1	73050475	1	TUBE ASSY. (Includes clamp)
	70916309	1	CAPSCREW, 1/2" NC x 3/4"
	70916966	1	LOCKWASHER, pltd., 1/2"
2	73048614	1	HOSE
	70921912	4	CLAMP
3	70925092	1	NIPPLE, male, 90°, 1-1/2" hose I. D., 1-1/4" NPTF

(Continued)

TRANSMISSION HOSES (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION	
4	73048958	1	BRACKET ASSY. (Includes 1 Pad, item 5; 1 Bearing, item 6)	
	73048959	1	BRACKET ASSY. (Includes 1 Pad, item 5; 1 Bearing, item 6)	
5	73057841	2	PAD ASSY. (Includes item 6)	
	70915790	4	CAPSCREW, 5/8" NF x 3"	
	70916589	4	NUT, safety, 5/8" NF	
6	70930407	2	BEARING	
7	73104692	1	DIPSTICK	
8	73104321	1	HOSE ASSY. (See HOSE PARTS)	
	70924182	1	CONNECTOR (First Type), reducing, 3/4" tube, 1-5/8" st. thd. (Includes O-RING 70921235)	} at Filter
	70921217	1	CONNECTOR (Second Type), 3/4" tube, 1-1/16" st. thd. (Includes O-RING 70921206)	
	70922632	1	ELBOW, flare type, 3/4" tube, 1-5/16" st. thd. (Includes O-RING 70921214)	} at Trans- mission
70922997	1	CONNECTOR, 3/4" tube, 1-5/16" st. thd. (Includes O-RING 70921214)		
9	-----	1	FILTER ASSY. (First Type)(For field replacement order	} See page 144
	73065137	1	FILTER ASSY. 73065137, 2 CONNECTOR 70921217)	
10	73104763	1	HOSE ASSY. (See HOSE PARTS)	
	70924182	1	CONNECTOR (First Type), reducing, 3/4" tube, 1-5/8" st. thd. (Includes O-RING 70921235)	} at Filter
	70921217	1	CONNECTOR (Second Type, 3/4" tube, 1-1/16" st. thd. (Includes O-RING 70921206)	
	70922632	1	ELBOW, flare, type, 3/4" tube, 1-5/16" st. thd. (Includes O-RING 70921214)	} at Trans- mission
70922997	1	CONNECTOR, 3/4" tube, 1-5/16" st. thd. (Includes O-RING 70921214)		
11	70916314	8	CAPSCREW, 1/2" NC x 2"	
	70904208	8	LOCKWASHER, 1/2"	
12	70922644	8	CAPSCREW, 5/8" NC x 3/4"	} Use as applicable
	70915439	8	CAPSCREW, 5/8" NC x 2"	
	70904209	8	LOCKWASHER, 5/8"	
13	74335578	2	GASKET	
14	73050034	2	HOSE ASSY. (Serviced only as an assembly)	
	70916254	4	CAPSCREW, 7/16" NC x 1"	
	70904207	4	LOCKWASHER, 7/16"	
	70922632	2	ELBOW, flare type, 3/4" tube, 1-5/16" st. thd. (Includes O-RING 70921214)	
	70921214	2	O-RING, 1" tube	
15	73055272	1	CLIP (Not illustrated)	



FRONT DRIVE SHAFT GROUP

T-74172

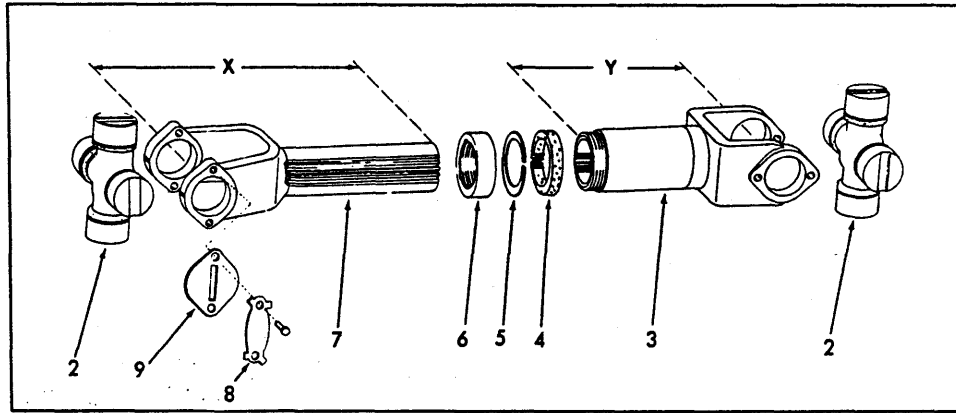
USAGE: *Used prior to loader serial no. 96M02382, 23C02382
 **Effective with loader serial no. 96M02382, 23C02382

ITEM	PART NO.	QTY.		DESCRIPTION
		*	**	
A	73046262	1	1	SHAFT ASSY., drive (Includes items 1 thru 7)
1	73021867	1	1	CAP
2	73032377	1	1	WASHER
3	73032378	1	1	WASHER
4	73047013	1	1	YOKE
5	73038633	3	3	CROSS ASSY. (Includes Bearings, Fitting, and items 6 and 7) FITTING, lube, 90°, 1/8" NPT
	70915276	3	3	
6	73038627	12	12	PLATE
7	73038626	12	12	PLATE CAPSCREW, 5/16" NF x 5/8"
	70911169	24	24	
8	73042796	2	2	COVER CAPSCREW, 3/8" NF x 3" NUT, safety, 3/8" NF
	70920613	6	6	
	70913528	6	6	

(Continued)

FRONT DRIVE SHAFT GROUP (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
		* **	
9	73008139	2 2	SEAL
10	73042808	1 1	BRACKET
	70916377	4 4	CAPSCREW, 3/4" NF x 4-1/2"
	70921343	4 4	NUT, 3/4" NF
	70915276	1 1	FITTING, lube, 90°, 1/8" NPT
11	73054596	1 1	SHAFT
12	73042807	1 1	BEARING
13	73046265	1 1	YOKE
14	73022056	1 1	WASHER
	70921140	1 1	NUT, safety, 1-1/4" NF
15	73054500	2 2	BAR
B	73056685	1 1	SHAFT ASSY., (Includes items 5, 6, 7, 16 thru 22)
16	73047017	1 -	YOKE
	73057395	- 1	YOKE
	70928314	- 1	CAPSCREW, 7/16" NF x 3/4"
	70928313	- 1	WASHER, shaft
17	73044302	1 -	RING, snap (internal)
	70928315	- 1	RING, snap (internal)
18	73044301	1 -	WASHER, guide (brass)
	73057401	- 2	WASHER
19	73044300	1 -	SEAL, guide washer (rubber)
	73057399	- 1	SEAL, guide washer (rubber)
20	73044299	1 -	WASHER, thrust
21	73044298	8 -	SPRING
	73043522	- 8	SPRING
	70924068	28 28	BALL (7/16" dia)
22	73047015	1 -	YOKE
	73057398	- 1	YOKE
	70928347	1 1	FITTING, lubrication 1/8" NPT
23	73057400	- 1	ROLL ASSY., slip (Includes items 17, 18, 19 and 21)



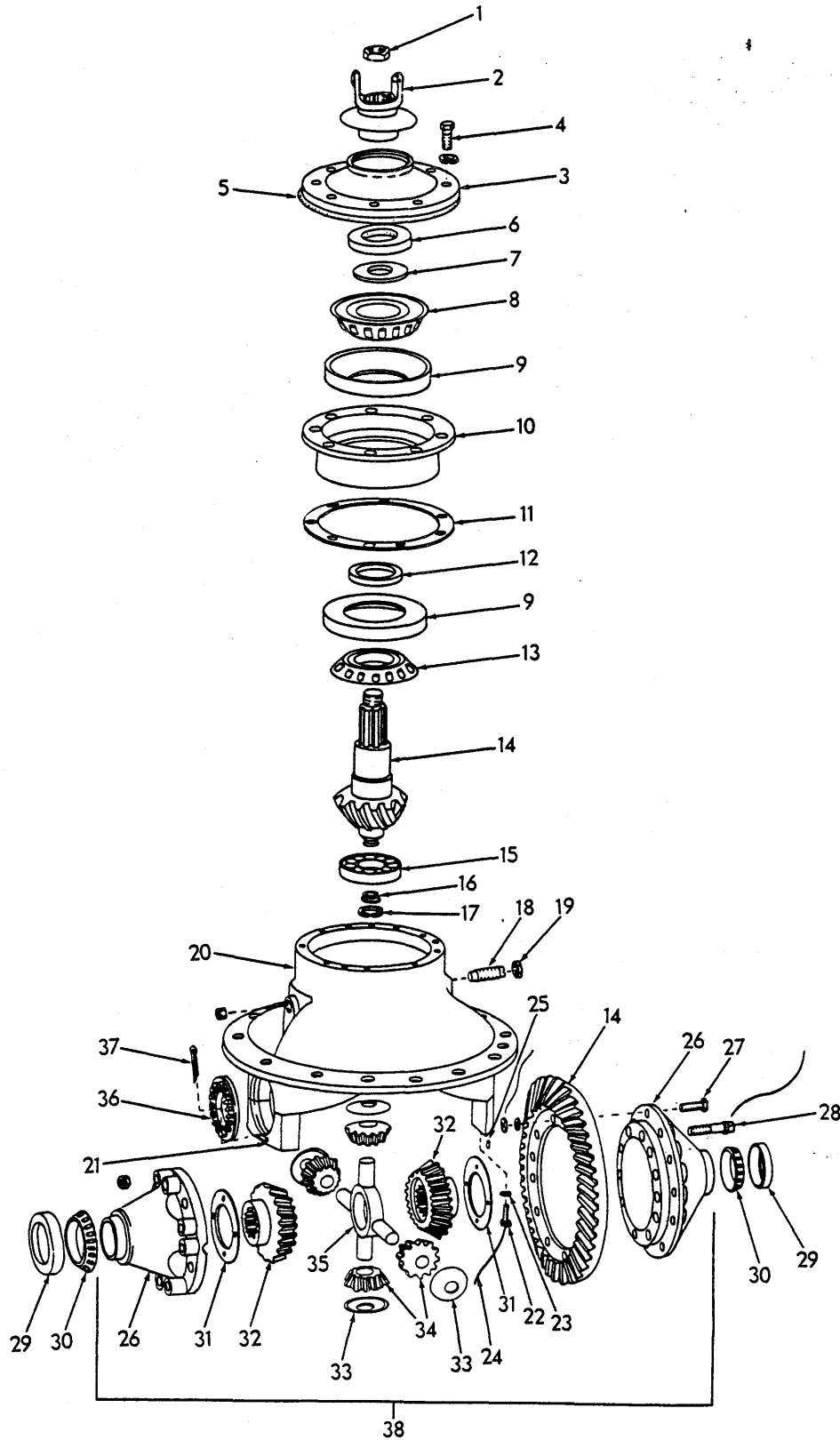
REAR DRIVE SHAFT

T-74176

NOTE: Because replacement of original Rear Differential Assy., on loaders prior to serial no. 1591, may have required use of SECOND TYPE Drive Shaft, determine requirements according to "X" and "Y" dimensions given

- * - FIRST TYPE - used prior to loader serial no. 1591
- ** - SECOND TYPE - effective loader serial no. 1591, 96M02050, and 23C02248

ITEM	PART NO.	QUANTITY		DESCRIPTION	
		*	**		
1	73047657	1	-	SHAFT ASSY., drive (includes items 2 thru 9)	} See NOTE: above
	70199247	-	1	SHAFT ASSY., drive (includes items 2 thru 9)	
2	73038633	2	2	CROSS ASSY., (includes Bearings, fitting and items 8 and 9)	
3	73047019	1	-	YOKE, slip ("Y" dim. 7-1/4") (See NOTE:, above)	
	73057686	-	1	YOKE, slip ("Y" dim. 6-1/4")	
4	73047023	1	1	WASHER, dust cap (felt)	
5	73038843	1	1	WASHER	
6	73038844	1	1	CAP	
7	73047020	1	-	YOKE, end ("X" dim. 10-1/8") (See NOTE; above)	
	73057687	-	1	YOKE, end ("X"dim. 9")	
8	73038625	8	8	PLATE	
	70920623	16	-	CAPSCREW, 5/16" NF x 1/2"	
	70911169	-	16	CAPSCREW, 5/16" NF x 5/8"	
9	73038627	8	8	PLATE	



FRONT AND REAR DIFFERENTIAL

T-74171

FRONT AND REAR DIFFERENTIAL

USAGE: *Used on FRONT DIFFERENTIAL } Effective with 745 loader s/n 1001-up, 96M02050-up.
 **Used on REAR DIFFERENTIAL }
 ***Used on FRONT and REAR DIFFERENTIAL Effective with 745-Hloader s/n 23C02248-up.

ITEM	PART NO.	QUANTITY			DESCRIPTION
		*	**	***	
-	73103432	1	-	-	DIFFERENTIAL ASSY. (Includes items 1 thru 37)(Effective with loader s/n 1001 thru 96M02242)
	73056313	1	-	-	DIFFERENTIAL ASSY. (Includes items 1 thru 37)(Effective with loader s/n 96M02243)
		-	-	2	DIFFERENTIAL ASSY. (Includes items 1 thru 37)
	73103439	-	1	-	DIFFERENTIAL ASSY. (Includes items 1 thru 37)(Effective with loader s/n 1591-up, 96M02050-up)
	-----	-	1	-	DIFFERENTIAL ASSY. (Used prior to loader s/n 1591) (See page 156)
1	73059729	1	1	1	NUT, yoke
2	73038199	1	1	1	YOKE ASSY. (Includes slinger - serviced only as a unit)
3	73032789	1	1	1	COVER ASSY., bearing cage (Includes item 6)
4	70920584	8	8	8	CAPSCREW, 1/2"NC x 1-5/8"
5	73032916	1	1	1	GASKET, cover
6	73022043	1	1	1	SEAL, oil
7	73032917	1	1	1	WASHER
8	73036712	1	1	1	CONE, outer
9	70182440	2	2	2	CUP
10	73036710	1	1	1	CAGE ASSY., bearing (Includes two cups, item 9)
11	73032908	-	-	-	SHIM, bearing cage, .003" thick
	73032794	-	-	-	SHIM, bearing cage, .005" thick
	73032795	-	-	-	SHIM, bearing cage, .010" thick
12	73032925	-	-	-	SPACER, .248" thick
	73032926	-	-	-	SPACER, .249" thick
	73032927	-	-	-	SPACER, .250" thick
	73032928	-	-	-	SPACER, .251" thick
	73032929	-	-	-	SPACER, .252" thick
	73032930	-	-	-	SPACER, .253" thick
	73032931	-	-	-	SPACER, .259" thick
	73032932	-	-	-	SPACER, .265" thick
	73032933	-	-	-	SPACER, .271" thick
	73032934	-	-	-	SPACER, .277" thick
13	73032935	-	-	-	SPACER, .283" thick
	73036711	1	1	1	CONE, inner

Use as req'd

Use as req'd

"ALWAYS GIVE MODEL AND SERIAL NUMBER WHEN ORDERING PARTS"

(Continued)

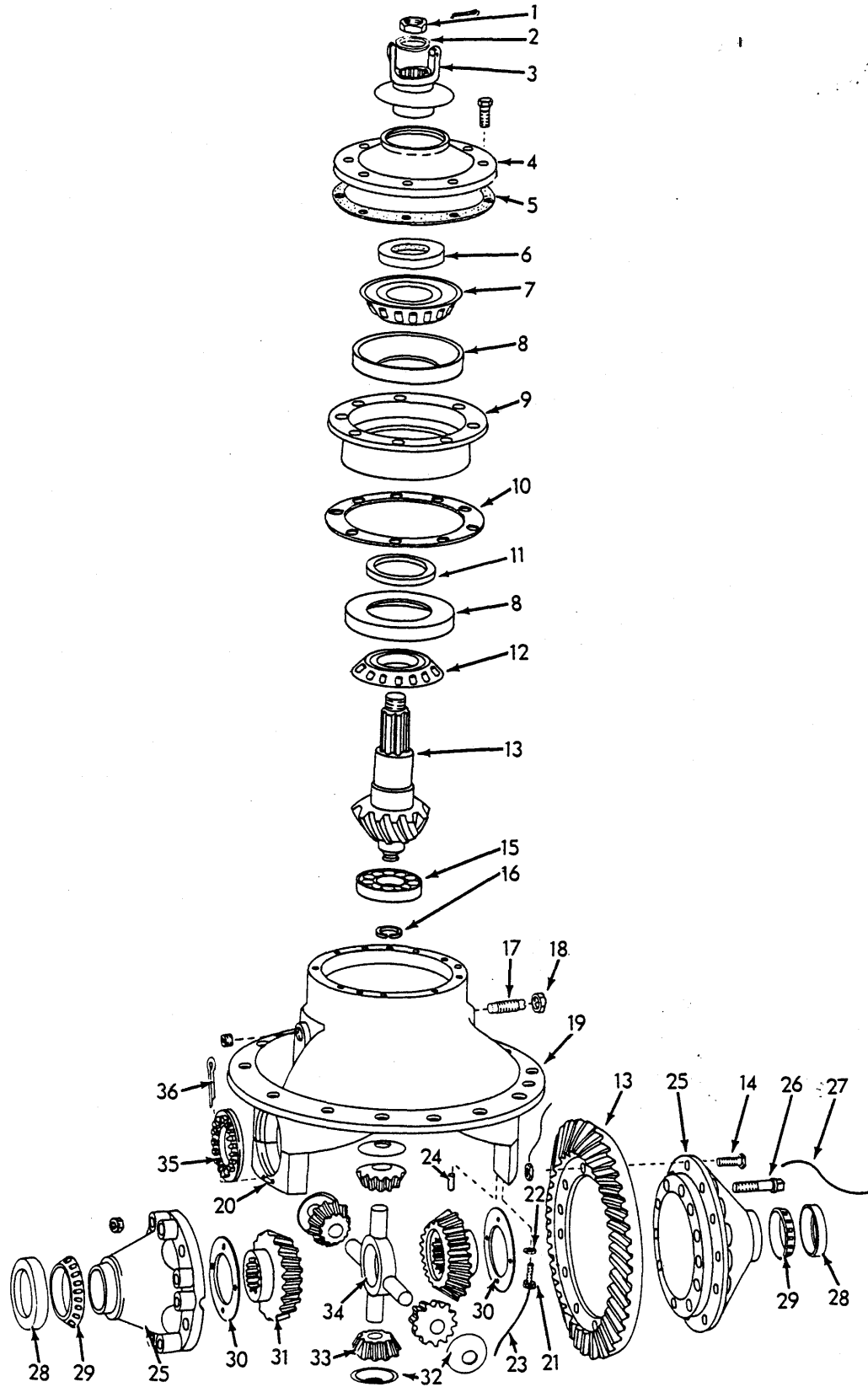
FRONT AND REAR DIFFERENTIAL (Continued)

ITEM	PART NO.	QUANTITY			DESCRIPTION
		*	**	***	
14	73103434	1	-	-	GEAR SET (Includes matched Ring Gear and Pinion)(Used prior to loader s/n 96M02243)
	73056178	1	-	-	GEAR SET (Includes matched Ring Gear and pinion)(Effective with loader s/n 96M02243)
		-	-	1	GEAR SET (Includes matched Ring Gear and Pinion)
		-	-	1	GEAR SET (Includes matched Ring Gear and Pinion)
15	73032937	1	1	1	BEARING
16	73032938	1	1	1	RETAINER
17	73103435	1	1	1	RING
18	73051889	1	1	1	SCREW
19	73022112	1	1	1	NUT
20	73043361	1	1	1	CARRIER ASSY., differential (Includes items 21, 22, 23, 25 and 37)
	70904224	1	1	1	PLUG, pipe, ctsk., 3/4"NPT
21	-----	2	2	2	CAP, carrier (Not serviced - order item 20)
22	70929125	4	4	4	CAPSCREW, (Special) 7/8" x 5-1/2"
23	73036709	4	4	4	WASHER, (Special) 7/8"
25	73022314	4	4	4	PIN
26	73043363	1	1	1	CASE ASSY., differential (Includes two halves - Serviced only as a unit)
27	73062166	12	12	12	BOLT
	73038206	12	12	12	WASHER
	70929733	12	12	12	NUT (Not re-usable more than 4 times)
28	73038204	4	4	4	BOLT
	73038205	8	8	8	BOLT
	73038206	12	12	12	WASHER
	73036714	12	12	12	NUT
	-----	-	-	-	LOCKWIRE, 1/16"(obtain locally)
	-----	-	-	-	
29	70926164	4	4	4	CAPSCREW, 5/8"NC x 2-3/4"
	70924136	8	8	8	CAPSCREW, 5/8"NC x 3-3/4"
	-----	-	-	-	LOCKWIRE, 1/16"(obtain locally)
29	73032792	2	2	2	CUP
30	73032914	2	2	2	CONE
31	73024221	2	2	2	WASHER
32	73038203	2	-	2	GEAR
	73103442	-	2	-	GEAR
33	73043365	4	4	4	WASHER
34	73043364	4	4	4	PINION
35	73043368	1	1	1	SPIDER
36	73032793	2	2	2	RING
37	73043369	2	2	2	PIN
38	73043362	1	-	-	DIFFERENTIAL ASSY. (Includes items 31, 32, 33, 34, 35 and item 28 prior to Oct., 1971)

For use on CASE ASSY.'S manufactured prior to Oct., 1971

Effective with CASE ASSY.'S manufactured in Oct. 1971 & later.

"ALWAYS GIVE MODEL AND SERIAL NUMBER WHEN ORDERING PARTS"



REAR DIFFERENTIAL (FIRST TYPE)

T-73965

REAR DIFFERENTIAL (FIRST TYPE)

USAGE: Original equipment prior to loader serial no. 1591

NOTE: Differential can be identified by Ring Gear diameter: 15.25" on original Ring Gear; 16.625" on replacement Ring Gear

IMPORTANT

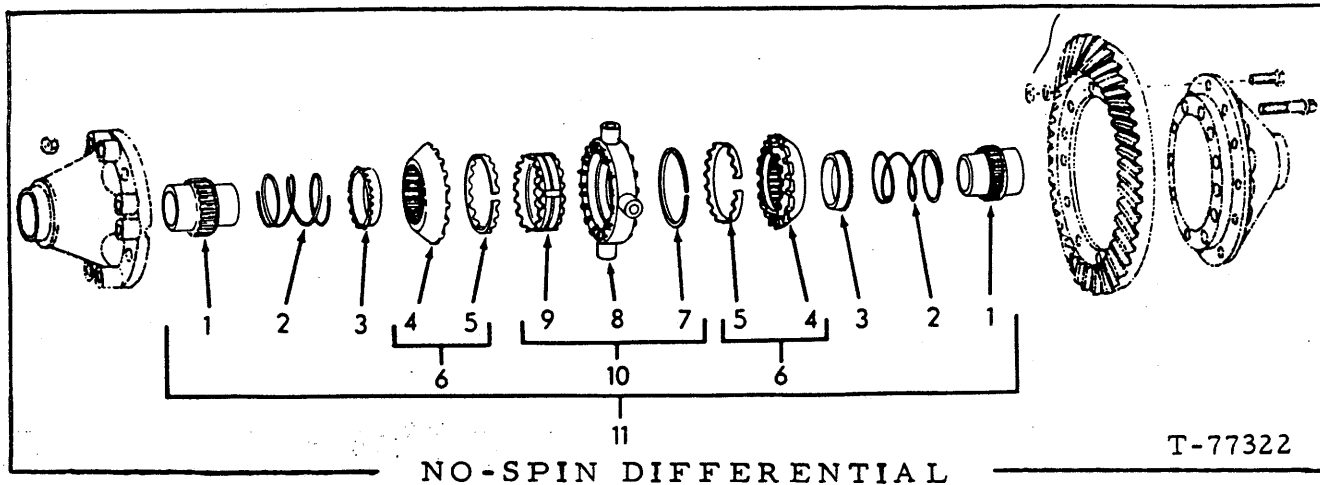
If Inspection according to the above NOTE determines that replacement Ring Gear is in use, order parts from FRONT AND REAR DIFFERENTIAL ASSY. (SECOND TYPE)

ITEM	PART NO.	QTY.	DESCRIPTION
-	73048428	1	DIFFERENTIAL ASSY., rear (includes items 1 thru 36)
1	73048482	1	NUT
	70904004	1	PIN, cotter, 1/8" x 2-1/2"
2	73022056	1	WASHER
3	73048480	1	YOKE ASSY. (serviced only as a unit)
4	73048473	1	COVER ASSY., cage (includes item 6)
	70920583	8	CAPSCREW, 1/2" NF x 1-1/2"
5	73048481	1	GASKET
6	73048734	1	SEAL
7	73048485	1	CONE, bearing (outer)
8	73048735	2	CUP
9	73048474	1	CAGE ASSY., bearing (includes two Cups, item 8)
10	73048476	-	SHIM, .010" thick } use as required
	73048477	-	
	73048478	-	
11	73048486	-	SPACER, .220" thick } use as required
	73048487	-	
	73048488	-	
	73048489	-	
	73048490	-	
	73048491	-	
	73048492	-	
	73048493	-	
	73048494	-	
73048732	-	SPACER, .249" thick	
73048733	-	SPACER, .255" thick	
12	73048484	1	CONE
13	-----	1	GEAR SET (includes matched Ring Gear and Pinion) (not serviced: order 1-73103439 Differential Assy., 1-70199247 Slip Assy., 1-73104300 Instruction Print - Also see NOTE and "IMPORTANT" above
14	73051816	12	BOLT, case to ring gear
	73036714	12	
	73046524	6	
			NUT
			LOCKWIRE

(Continued)

REAR DIFFERENTIAL (FIRST TYPE) (Continued)

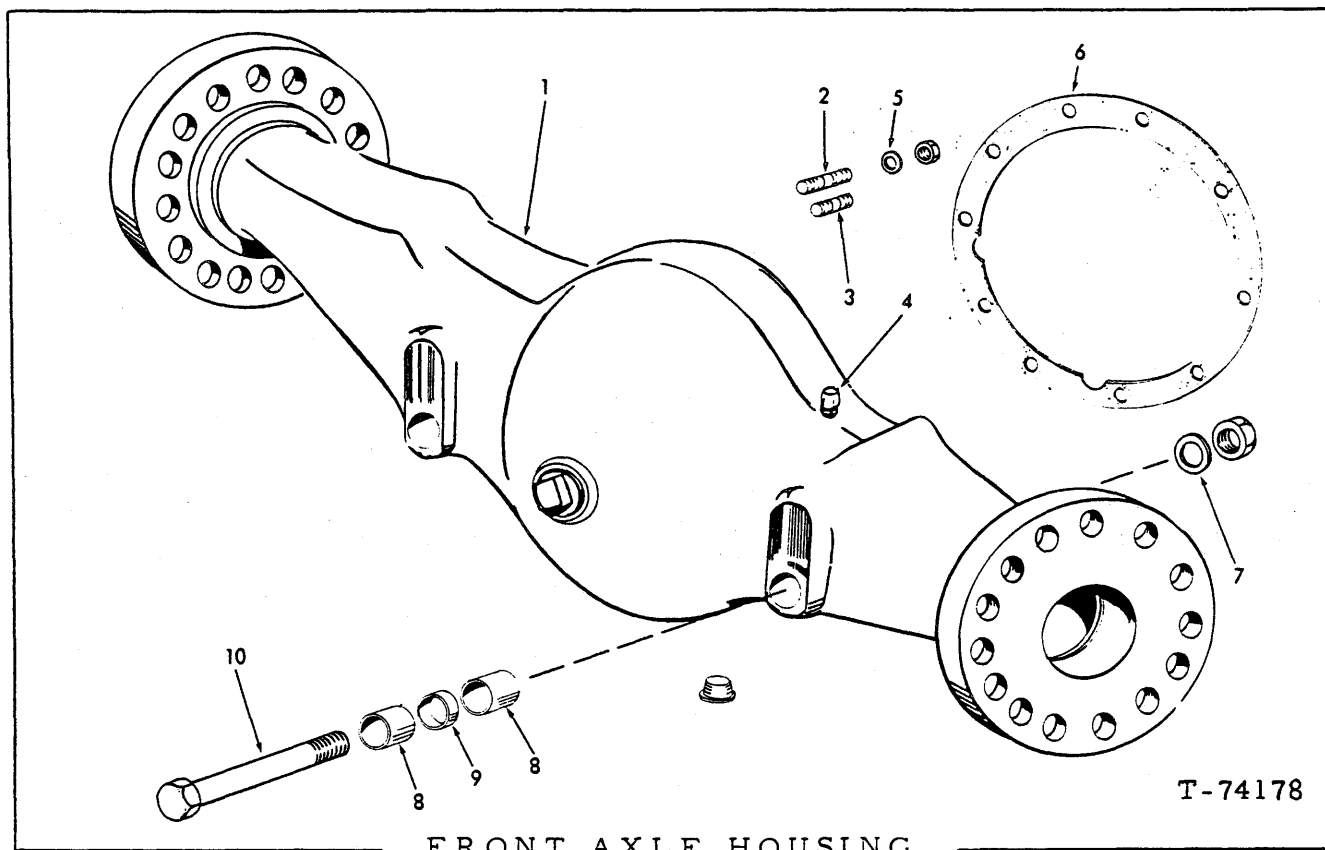
ITEM	PART NO.	QTY.	DESCRIPTION	
15	73022162	1	BEARING	
16	73033029	1	RING	
17	73022111	1	SCREW	
18	73022112	1	NUT	
19	73048467	1	CARRIER ASSY., differential (Includes items 20, 21, 22, 24 and 37)	
	70904224	1	PLUG, pipe, ctsk., 3/4" NPT	
20	-----	2	CAP, carrier (Not serviced - order item 19)	
21	73036708	4	CAPSCREW	
22	73036709	4	WASHER	
23	73048475	2	LOCKWIRE	
24	73022314	4	PIN	
25	73048468	1	CASE ASSY., differential (Includes two halves - Serviced only as a unit)	
26	73038204	4	BOLT, differential case	} For use on CASE ASSY. manufactured prior to October 1971.
	73038205	8	BOLT, differential case	
	73038206	12	WASHER	
	73036714	12	NUT	
	-----	-	LOCKWIRE, 1/16"(obtain locally)	} Effective with CASE ASSY. manufactured in Oct. 1971 and later.
	70926164	4	CAPSCREW, 5/8" NC x 2-3/4"	
	70924136	8	CAPSCREW, 5/8" NC x 3-3/4"	
	-----	-	LOCKWIRE, 1/16"(obtain locally)	
27	73007380	4	LOCKWIRE	
28	73048469	2	CUP	
29	73048483	2	CONE	
30	73022397	2	WASHER	
31	73022030	2	GEAR	
32	73022029	4	WASHER	
33	73022032	4	GEAR	
34	73022031	1	SPIDER	
35	73048471	2	RING	
36	73037174	2	PIN	



USAGE: Special Equipment
 * 745 Front Axle
 ** 745 Rear Axle
 *** 745-H Front and Rear Axle

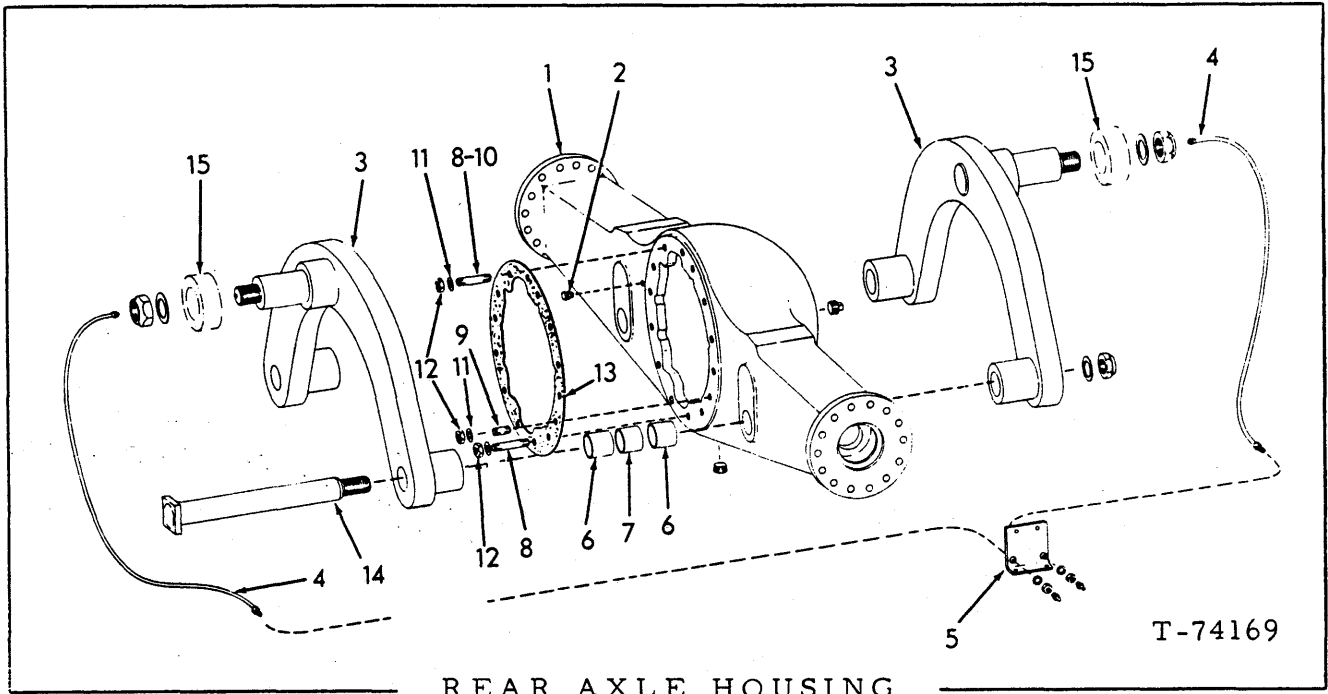
NOTE: The following parts replace items 31 thru 35 on page 154; all other Differential Carrier parts are identical to those listed on pages 153 and 154.

ITEM	PART NO.	QTY.			DESCRIPTION
		*	**	***	
1	73061089	2	-	2	GEAR (First Type) (47 external teeth)
	73064715	2	-	2	GEAR (Second Type) (56 external teeth)
	73061091	-	2	-	GEAR (First Type) (47 external teeth)
	73064725	-	2	-	GEAR (Second Type) (56 external teeth)
2	73046994	2	2	2	SPRING (First Type) (straight coil)
	73064717	2	2	2	SPRING (Second Type) (tapered coil)
3	73046993	2	2	2	RETAINER (First Type) (47 teeth)
	73064716	2	2	2	RETAINER (Second Type) (56 teeth)
4	-----	2	2	2	CLUTCH ASSY. (Order item 6)
5	-----	2	2	2	RING (Order item 6)
6	73063596	2	2	2	CLUTCH ASSY. (First Type) (Item 4, 21 external teeth) (Includes items 4 and 5)
	73064718	2	2	2	CLUTCH ASSY. (Second Type) (Item 4, 20 external teeth) (Includes items 4 and 5)
7	-----	1	1	1	SNAP RING (Order item 10)
8	-----	1	1	1	SPIDER (Order item 10)
9	-----	1	1	1	CAM (Order item 10)
10	73046987	1	1	1	SPIDER ASSY. (First Type) (Item 8, 21 teeth per side) (Includes items 7 thru 9)
	73064721	-	-	1	SPIDER ASSY. } (Second Type)(Item 8, 20
	73064723	1	1	-	SPIDER ASSY. } teeth per side)(Includes items 7 thru 9)
11	-----	1	-	1	NO-SPIN ASSY. (Order field replacement 73064663 NO-SPIN ASSY.)
	-----	-	1	-	NO-SPIN ASSY. (Order field replacement 73064665 NO-SPIN ASSY.)
	73064663	1	-	1	NO-SPIN ASSY. } (Second Type) (Includes
	73064665	-	1	-	NO-SPIN ASSY. } items 1 thru 10)



ITEM	PART NO.	QTY.	DESCRIPTION
-	-----	1	AXLE ASSY., First type (Used with 745 loader s/n 1001-up, 96M02050 thru 96M02242)(Order AXLE ASSY., Second type)
	73055858	1	AXLE ASSY., Second type (Effective with 745 loader s/n 96M02243)(Used as service replacement prior to 745 loader s/n 96M02243)(Effective with 745-H loader s/n 23C02248)(Refer to pages 152, 160, 163, 169, and 175 for parts)
1	73058617	1	HOUSING ASSY., front axle (Includes items 2, 3, 8, 9, and PLUGS indented below)(For initial installation prior to loader s/n 96M02050 also order 4 CAPSCREW 73055181, 16 CAPSCREW 73055182, and 4 CAPSCREW 73055183)
	70901667	1	PLUG, pipe, 1-1/4" NPT (oil drain)
	70907072	1	PLUG, pipe, 1-1/4" NPT (oil filler)
2	73022115	6	STUD, long
3	73043919	8	STUD, short
4	73021062	1	BREATHER, oil
5	73048412	14	WASHER
	70916589	14	NUT, 5/8" NF
6	73032687	1	GASKET
7	73044963	2	WASHER
	70924847	2	NUT, safety, 1-3/4" NC
8	73010347	4	BUSHING
9	73032165	2	SPACER
10	73046338	2	PIN

"ALWAYS GIVE MODEL AND SERIAL NUMBER WHEN ORDERING PARTS"



REAR AXLE HOUSING

USAGE: * 745 loader s/n 1001-up, 96M02050-up, rear
 ** 745-H loader s/n 23C02248 front and rear

ITEM	PART NO.	QTY.		DESCRIPTION
		*	**	
-	-----	1	-	AXLE ASSY., First type (Used with loader s/n 1001-up, 96M02050 thru 96M02242)(Order AXLE ASSY., Second type)
-	73055859	1	-	AXLE ASSY., Second type (Effective with 745 loader s/n 96M02243)(Used as service replacement prior to 96M02243)(Refer to pages 152, 161, 163, 166, 172 for components)
-	73055858	-	2	AXLE ASSY. (Refer to pages 152, 161, 163, 175 for components)
1	73048430	1	-	HOUSING ASSY., rear axle (Includes items 6 thru 10 and PLUGS indented below)(First type)(745 ONLY)
	73104639	1	-	HOUSING ASSY., rear axle (Includes items 6 thru 10 and PLUGS indented below)(Second type)(745 ONLY)
	73055363	1	-	HOUSING ASSY. (Includes items 6 thru 10 and PLUGS indented below)(Effective with loader s/n 96M02050)(For initial installation prior to loader s/n 96M02050 also order 28 CAPSCREW 73055375)
	73055179	-	1	HOUSING ASSY. (Includes items 6 thru 9 and PLUGS indented below)
	70907072	1	1	PLUG, pipe, 1-1/4" NPT (oil filler)
	70901667	1	1	PLUG, pipe, sq. ctsk., 1-1/4" NPT (oil drain)

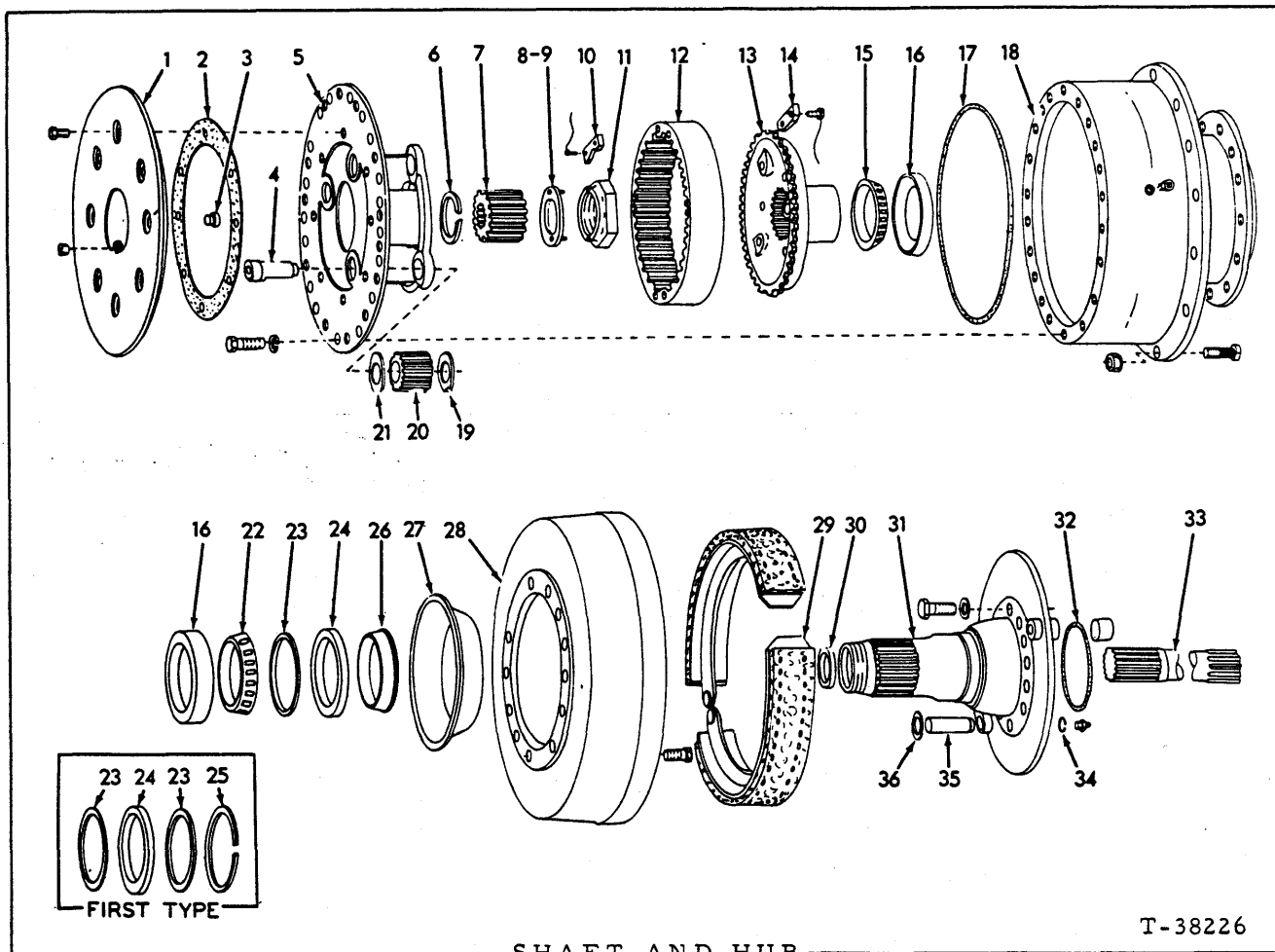
"ALWAYS GIVE MODEL AND SERIAL NUMBER WHEN ORDERING PARTS"

(Continued)

REAR AXLE HOUSING (Continued)

ITEM	PART NO.	QTY.		DESCRIPTION
		*	**	
2	73007145	1	-	BREATHER
	73021062	-	1	BREATHER
3	73063700	-	2	SUPPORT
	73067296	2	-	SUPPORT
4	73042698	2	2	WASHER
	73037507	-	-	SHIM, .010" thick (Use as req'd)
	70925761	2	2	NUT, safety
	73004999	2	2	TUBE ASSY.
	70904209	2	2	LOCKWASHER, 5/8"
	70911049	2	2	NUT, jam, 5/8" NF
	70914465	2	2	FITTING lube, str., 1/8" NPT
5	73059268	1	1	BRACKET
6	73021833	4	-	BUSHING
	73010347	-	4	BUSHING
7	73021840	2	-	SPACER
	73032165	-	2	SPACER
8	73048771	2	-	STUD, 5/8" NF x 5/8" NC x 3-1/16" long (First type for 745)
	73022115	2	6	STUD, 5/8" NF x 5/8" NC x 3-1/2" long (Second type for 745)
9	73043919	10	8	STUD, short
10	73048771	2	-	STUD, 5/8" NF x 5/8" NC x 3-1/16" long (First type)
	73104640	2	-	STUD, 5/8" NF x 3-3/8" long (Second type)
11	73048412	2	14	WASHER, 21/32" I.D.
12	70930986	14	14	NUT, 5/8" NF
	70926712	2	-	NUT, 5/8" NF (Use with item 10)
13	73032687	1	1	GASKET
14	73054589	-	2	PIN
	73042335	2	-	PIN
	70193212	2	-	WASHER, plain
	70925284	2	-	NUT, safety, 1-1/2" NF
	73044963	-	2	WASHER, plain
	70924847	-	2	NUT, safety, 1-3/4" NF
	15	-----	2	2	BUSHING, axle support (See page 361)

"ALWAYS GIVE MODEL AND SERIAL NUMBER WHEN ORDERING PARTS"



USAGE: Quantities shown are sufficient for ONE END ONLY
 *Used prior to loader serial No. 96M02243 - Front Axle
 **Effective with loader serial No. 96M02243 and field replacement prior to 96M02243 - Front Axle
 ***Effective with loader serial No. 23C02248 - Front and Rear Axle

ITEM	PART NO.	QUANTITY			DESCRIPTION
		*	**	***	
1	73038212	1	1	1	COVER ASSY. (Includes item 3)
	73048407	8	8	8	CAPSCREW, planetary cover, 1/2"NC x 1-1/4"
	70904224	1	1	1	PLUG, pipe, square socket, 3/4"NPT
2	73038233	1	1	1	GASKET
	73022076	1	1	1	BUTTON
4	73040830	3	-	-	SHAFT
	73056180	-	3	3	SHAFT
5	73040835	1	-	-	SPIDER
	73038241	-	1	1	SPIDER
	70920584	39	39	39	CAPSCREW, planetary cover, 1/2"NC x 1-5/8"
	71143613	39	39	39	LOCKWASHER, 1/2"

(Continued)

SHAFT AND HUB (Continued)

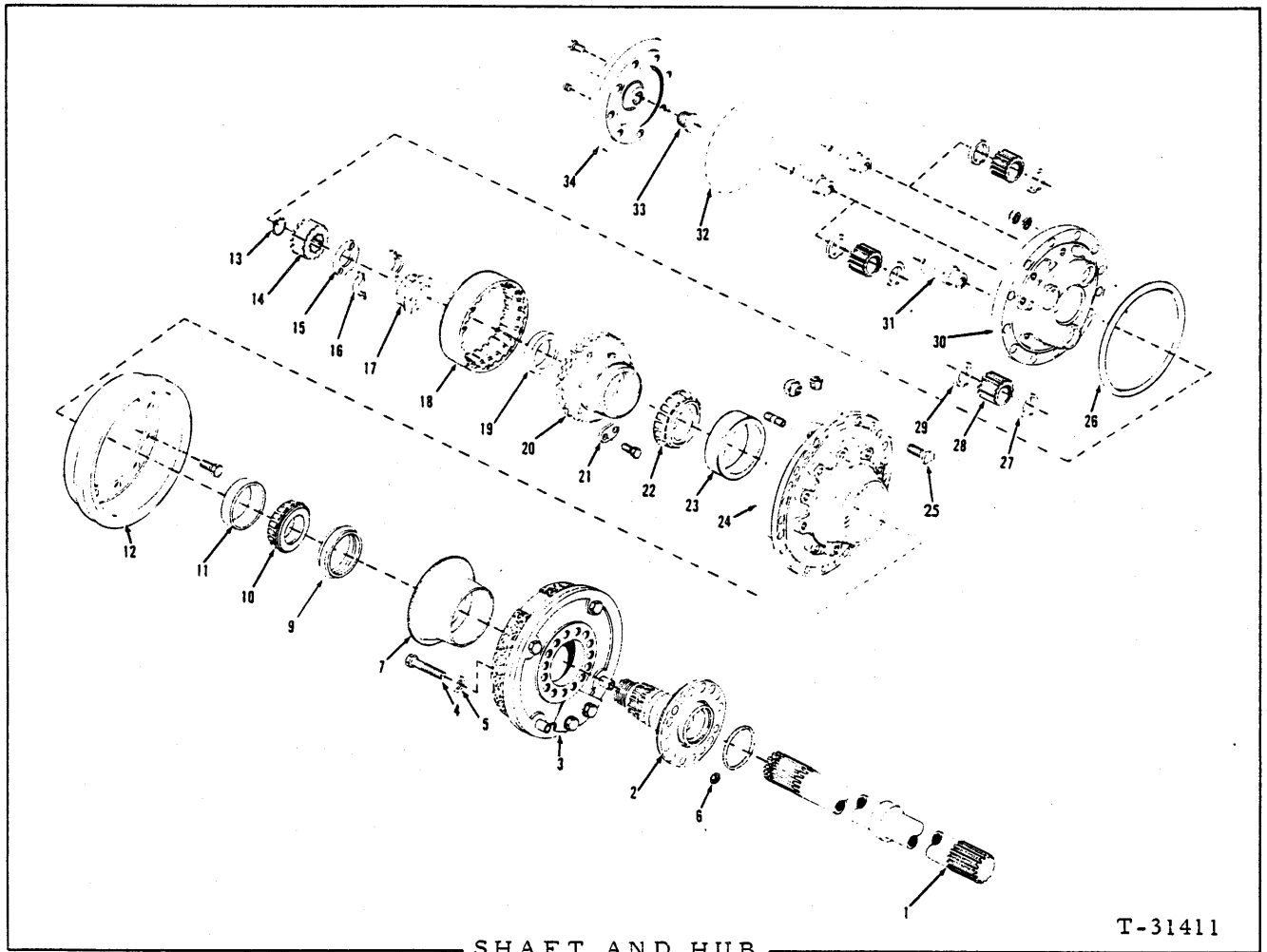
ITEM	PART NO.	QUANTITY			DESCRIPTION
		*	**	***	
6	73038231	1	1	1	RING
7	73040831	1	-	-	GEAR
	73038236	-	1	1	GEAR
8	73038279	1	1	1	WASHER ASSY., sun gear (Includes item 9)
9	73038278	2	2	2	PIN
10	73038225	1	1	1	LOCK
	70928533	2	2	2	CAPSCREW, 7/16"NC x 7/8"
	-----	1	1	1	WIRE, locking, 1/16" x 6" (obtain locally)
11	73038226	1	1	1	NUT
12	73040833	1	-	-	GEAR
	73038238	-	1	1	GEAR
13	73040834	1	-	-	HUB
	73038239	-	1	1	HUB
14	73038224	4	4	4	LOCK, planetary ring gear
	70928532	8	8	8	CAPSCREW, lock, 3/8"NC x 3/4"
	-----	4	4	4	WIRE, locking, 1/16" x 6" (obtain locally)
15	73038216	1	1	1	CONE
16	70049487	2	2	2	CUP
17	70930984	1	1	1	SEALANT (3oz. tube)(Use as required)
18	73038221	1	1	1	HUB ASSY. (Includes item 16)
	73038220	23	23	23	STUD, wheel
	73007152	23	23	23	NUT
	73022116	1	1	1	PLUG
19	73040827	3	-	-	WASHER
	73038230	-	3	3	WASHER
20	73040832	3	-	-	PINION
	73038237	-	3	3	PINION
21	73040828	3	-	-	WASHER
	73056181	-	3	3	WASHER
22	70051998	1	1	1	CONE
23	73038227	1	1	1	WASHER
24	73038222	1	1	1	SEAL
25	73040121	1	-	-	RING

FIRST TYPE

(Continued)

SHAFT AND HUB (Continued)

ITEM	PART NO.	QUANTITY			DESCRIPTION	
		*	**	***		
26	73038246	1	1	1	SLEEVE	
27	73038242	1	1	1	SLINGER	
28	73038234	1	1	1	DRUM	
	73038219	12	12	12	CAPSCREW, (Special) 3/4"NC x 1-5/8"	
	-----	1	1	1	WIRE, locking, 1/16" x 50" (obtain locally)	
	70917967	2	2	2	PLUG, plastic, 1-5/8" (Brake Adjustment openings)	
29	-----	1	1	1	See BRAKE ASSY.	
31	73059216	1	1	1	SPINDLE ASSY. (Includes items 26, 30, 34 and 35)	
	73047876	2	-	-	BOLT, spindle housing, 7/8"NF x 2-13/16"	} Used prior to loader serial no. 02050
	73047877	8	-	-	BOLT, spindle housing, 7/8"NF x 4-3/16"	
	73047878	2	-	-	BOLT, spindle housing, 7/8"NF x 4-11/16"	
	70914488	10	-	-	NUT, spindle housing	} Effective with loader serial no. 02050
	70928401	-	2	2	CAPSCREW, spindle housing, 7/8"NF x 3-3/4"	
	70928555	-	8	8	CAPSCREW, spindle housing, 7/8"NF x 3-1/8"	
	70927359	-	2	2	CAPSCREW, spindle housing, 7/8"NF x 2-7/8"	
	73056104	-	2	2	WASHER, (Special)	
	32	70923594	1	1	1	O-RING
33	73047871	1	1	1	SHAFT	
34	73038244	2	2	2	RING	
35	73059215	2	2	2	PIN, brake anchor (Prior to axle serial No. 6-71-0058, Also order 1 washer 73059214)	
	70914465	2	2	2	FITTING, lubricating, straight, 1/8"NPT	
36	73059214	1	1	2	WASHER	



SHAFT AND HUB
(Rear Axle)

T-31411

USAGE: Effective with Loader S/N 1001 and up.

ITEM	PART NO.	QTY.	DESCRIPTION
NOTE: Quantities shown are sufficient for ONE END ONLY			
1	73048432	1	SHAFT, drive, axle (Used prior to loader serial No. 96M02243)
	73070022	1	SHAFT, drive, axle (Effective with loader serial No. 96M02243)
2	73027632	1	SPINDLE, (Used prior to loader serial No. 96M02243)
	73056188	1	SPINDLE (Effective with loader serial No. 96M02243)
	70923590	1	O-RING
3	-----	1	See BRAKE ASSY.
4	70927532	14	CAPSCREW, 5/8"NF x 3-1/2" (Used prior to loader serial No. 96M02050)
	70921173	14	CAPSCREW, 5/8"NC x 2-3/4" (Effective with loader serial No. 96M02050)
5	70912900	14	WASHER
6	70916589	14	NUT (Special)(Used prior to loader serial No. 96M02050)
7	73022088	1	SLINGER

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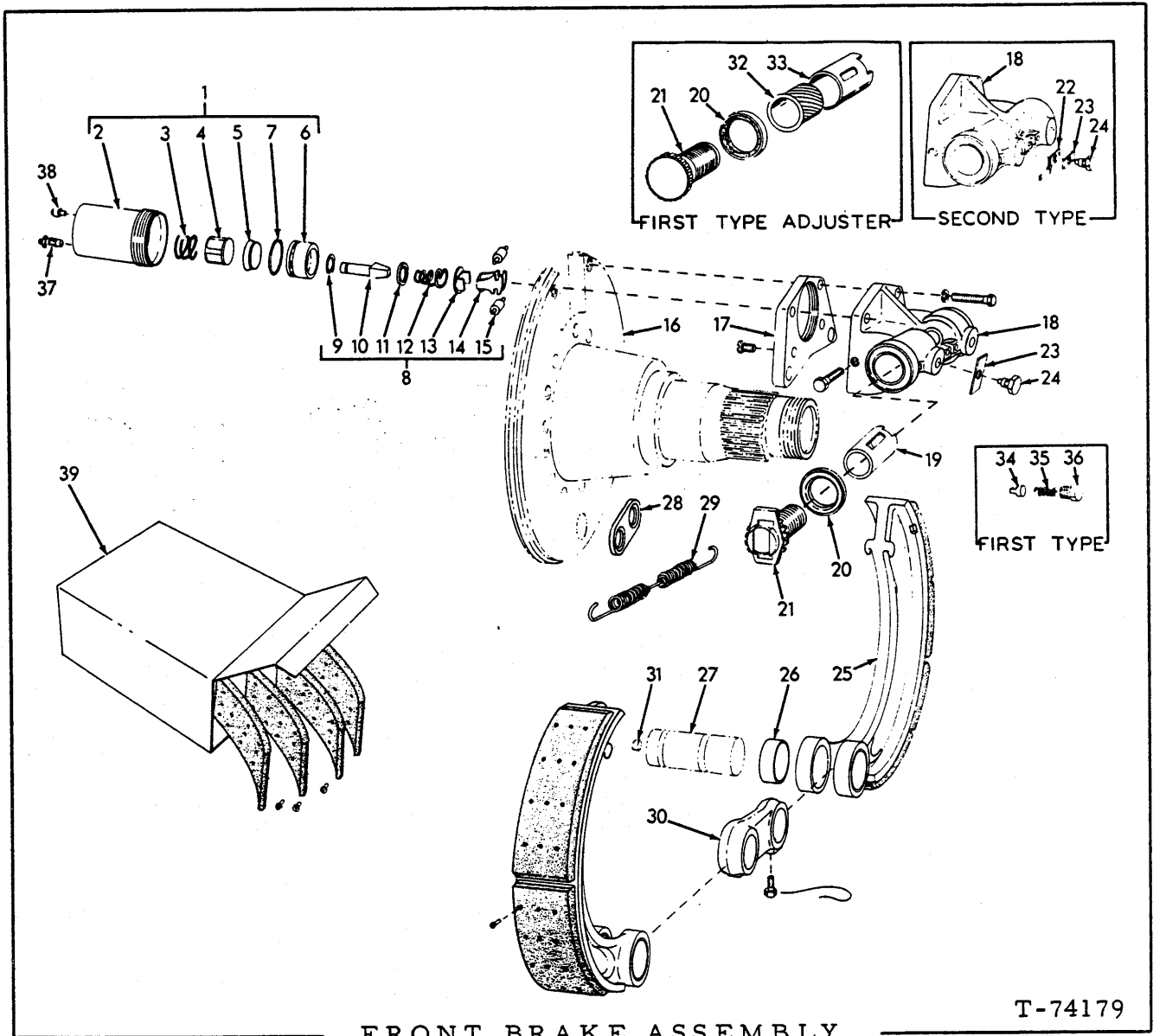
SHAFT AND HUB (Continued)
(Rear Axle)

ITEM	PART NO.	QTY.	DESCRIPTION
8	73022066	1	SEAL, oil, retainer (Used prior to loader serial No. 96M02243)
	-----	1	SEAL, oil (Effective with loader serial No. 96M02243)(See item 9)
9	73056536	1	RETAINER ASSY., oil seal (Includes item 8)(Used prior to loader serial No. 96M02243)
10	73014571	1	CONE
11	70181742	1	CUP
12	73048433	1	DRUM
	70921411	10	CAPSCREW, drilled-hd., 5/8"NC x 1-1/2"
	73038206	10	WASHER
13	73022074	1	RING
14	73022083	1	GEAR
15	73022070	1	WASHER
16	73022077	2	RETAINER
17	73022122	1	NUT
18	73022082	1	GEAR
19	-----	1	SLEEVE, hub, ring gear (Not serviced, order item 20)
20	73022086	1	HUB ASSY., ring gear (Includes item 19)
21	73022069	4	LOCK
	70922300	8	CAPSCREW (Special)
22	73022064	1	CONE
23	73022061	1	CUP
24	73048434	1	HUB ASSY., wheel (Includes items 11 and 23)(Used prior to loader serial No. 96M02637)(Axle serial No. 4-72-0001)
	73059700	1	HUB ASSY. (Effective with loader serial No. 96M02637)(Axle serial No. 4-72-0001)
	73022116	1	PLUG, magnetic, 3/4"NPT (Oil filler)
25	73022121	23	STUD
	73007152	23	NUT
26	70930984	-	SEALANT (3 oz. tube-use as required)(Replaces 73036692 O-RING)
27	73040365	3	WASHER
28	73022084	3	GEAR
29	73022071	3	WASHER

(Continued)

SHAFT AND HUB (Continued)
(Rear Axle)

ITEM	PART NO.	QTY.	DESCRIPTION
30	73026076	1	SPIDER (Used prior to loader serial No. 96M02637)(Axle serial No. 4-72-0001)
	73059332	1	SPIDER (Effective with loader serial No. 96M02637)(Axle serial No. 4-72-0001)
	70920584	30	CAPSCREW, 1/2"NC x 1-5/8"
	71143613	30	LOCKWASHER, 1/2"
31	73040493	3	SHAFT
32	70930984	-	SEALANT (3 oz. tube - use as required)
33	73063189	1	BUTTON (Replaces 73022076 BUTTON)
34	73063187	1	COVER (Replaces 73051862 COVER)
	73048405	8	CAPSCREW, 7/16" NC x 1-1/8" (Jay-lock) (First Type)
	70930985	8	CAPSCREW, 7/16" NC x 1" (Jay-lock)
	70907070	1	PLUG, pipe countersunk-hd., 1/4" NPT (Oil level)
-	70928293	-	SEALANT (Liquid plastic gasket - Use as required)
-	73056186	-	PRIMER, to be used with 70928293 Sealant.



FRONT BRAKE ASSEMBLY

T-74179

USAGE: * Used prior to loader serial no. 1591
 ** Effective with loader serial no. 1591

NOTE: Quantities shown are sufficient for one BRAKE ASSY. only.

ITEM	PART NO.	QTY.		DESCRIPTION
		*	**	
1	73047884	1	1	CYLINDER ASSY., wheel (Includes items 2 thru 7)
2	-----	1	1	HOUSING (Order item 1)
3	73048029	1	1	SPRING
4	73048028	1	1	PLUG
5	73048027	1	1	CUP
6	73048026	1	1	PISTON ASSY. (Includes item 7)
7	70923664	1	1	O-RING
8	73047883	1	1	WEDGE ASSY. (Includes items 9 thru 15)

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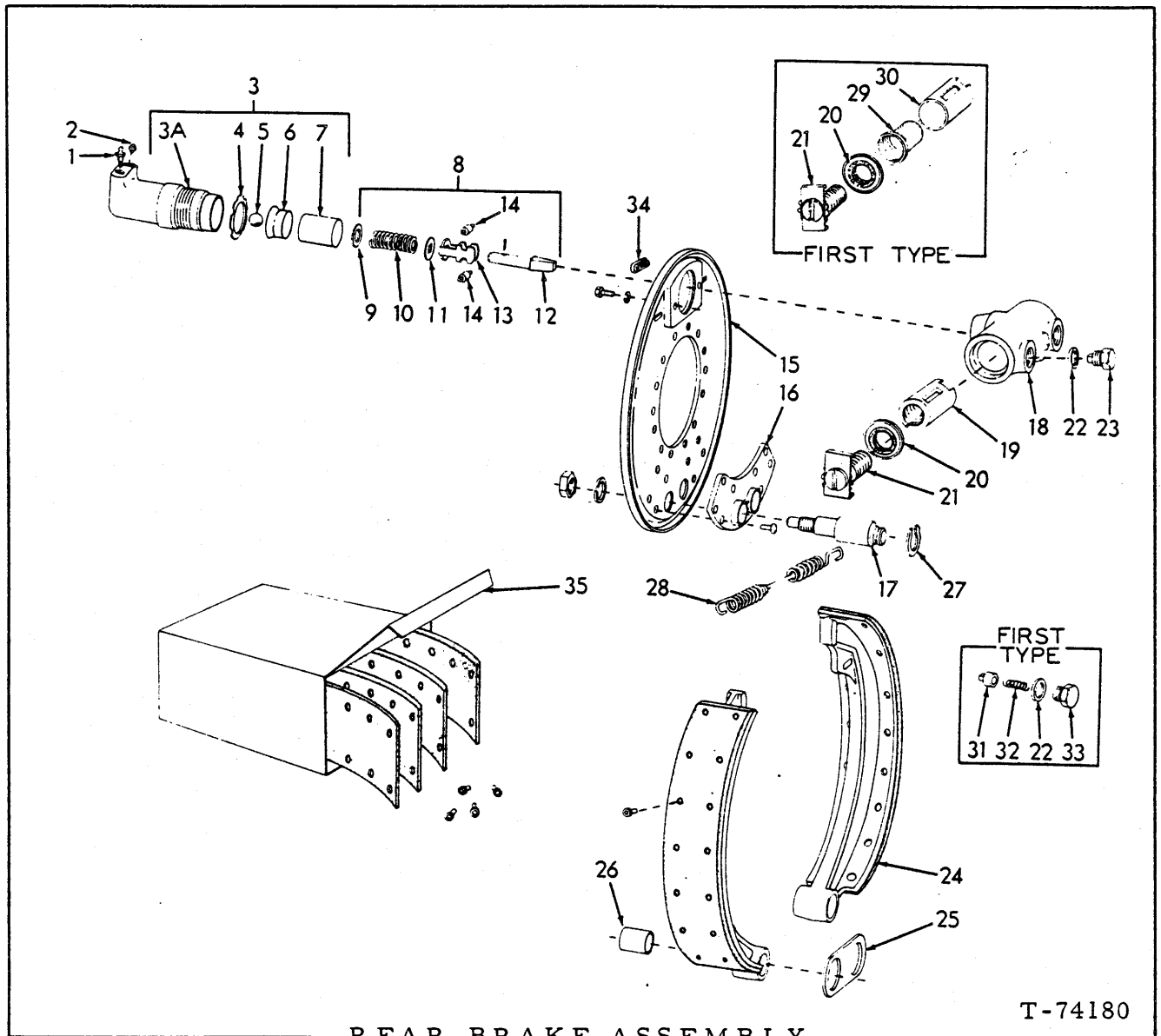
FRONT BRAKE ASSEMBLY (Continued)

ITEM	PART NO.	QTY.		DESCRIPTION
		*	**	
9	73048023	1	1	WASHER, "C"
10	73048018	1	1	WEDGE
11	73048022	1	1	WASHER
12	70185239	1	1	SPRING
13	73048024	1	1	WASHER
14	73048019	1	1	CAGE
15	73048020	2	2	ROLLER
16	-----	1	1	SPINDLE ASSY.
17	73047893	1	1	PLATE
	70905752	2	2	SCREW, 1/2" NC x 1" flat-hd.
	-----	1	-	HOUSING ASSY. (Used prior to axle s/n 3-71-0029, order 73066591 HOUSING ASSY.)
18	73066591	1	-	HOUSING ASSY., actuator (Includes 1 HOUSING 73061569 and items 23, 33, 36, 40, 42, 43, 44, and 2 SPRING 73062015)
	73066089	-	1	HOUSING ASSY., actuator (Includes 1 HOUSING 73061569 and items 24, 42, 43 and 46)(Effective with axle s/n 3-71-0029)
	73061569	1	1	HOUSING (Effective with axle s/n 3-71-0029)
	70922526	2	2	CAPSCREW, 1/2" NC x 2-1/2"
	70912441	2	2	LOCKWASHER, 1/2"
	70910948	1	1	CAPSCREW, 3/8" NC x 2"
19	-----	-	2	PLUNGER (For initial replacement order item 45, thereafter use item 46)
20	-----	2	2	SEAL ASSY. (Effective with loader s/n 1004 and up)(For initial replacement order item 41 or 45, thereafter use item 42)
21	73047897	2	2	BOLT, adjusting (Used prior to axle s/n 3-71-0029)
	-----	2	2	BOLT ASSY (Effective with axle s/n 3-71-0029) (For initial replacement order item 41 or 45, thereafter use item 43)
22	70189310	2	2	DETENT (Used prior to axle s/n 3-71-0029)
23	70189311	2	2	LOCK
24	70185243	-	2	GUIDE
25	73047881	2	2	SHOE ASSY. (Includes LININGS, RIVETS and BUSHINGS)
26	70166697	4	4	BUSHING
27	-----	2	2	PIN, anchor (See page 163)
28	73047880	1	1	SPACER
29	73062425	1	1	SPRING
30	73038254	1	1	LINK, anchor pin
	73038251	2	2	LOCKSCREW
	-----	1	1	LOCKWIRE, 19 ga. x 10" (refer to item 47)
31	70185245	1	1	PLUG
32	-----	2	1	ACTUATOR (For initial replacement order item 41, thereafter use item 44)
33	73047896	2	-	PLUNGER
34	73047899	2	-	GUIDE (Used prior to axle s/n 3-71-0029 with 73047892 HOUSING ASSY.)
35	70189314	2	-	SPRING (Used prior to axle s/n 3-71-0029 with 73047892 HOUSING ASSY.)

(Continued)

FRONT BRAKE ASSEMBLY (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
		* **	
36	73048017	2 -	CAPSCREW (Used prior to axle s/n 3-71-0029 with 73047892 HOUSING ASSY.)
37	70185242	1 1	SCREW
38	70185220	1 1	SEAT
39	73058532	1 1	LINING KIT (Includes 8 LININGS and RIVETS indented below for complete axle)(Effective with axle s/n 3-71-0029)
	70918627	104 -	RIVET
40	73061987	2 -	GUIDE PAWL ASSY. (Not Illustrated)(Use with 73066591 HOUSING ASSY. or 73061569 HOUSING)(Replaces items 34, 35 and 36)
41	73066361	1 -	KIT (Includes items 42, 43 and 44)
42	73065994	2 2	SEAL ASSY. (See item 20)
43	73065995	2 2	BOLT ASSY. (See item 21)
44	73066367	2 -	ACTUATOR (See item 32)
45	73066364	- 1	KIT (Includes items 42, 43 and 46)
46	73066090	- 2	PLUNGER (See item 19)
47	73061917	1 1	LOCKWIRE (100' roll - use as required)



REAR BRAKE ASSEMBLY

T-74180

USAGE: * Used prior to loader s/n 1591
 ** Effective with loader s/n 1591

NOTE: Quantities indicated are for one BRAKE ASSY. only

ITEM	PART NO.	QTY.		DESCRIPTION
		*	**	
1	73048464	1	1	SCREW
2	73048465	1	1	SEAT
3	73048456	1	1	CYLINDER ASSY., wheel (Includes HOUSING and items 5 thru 7)
3a	-----	1	1	HOUSING (Order item 3)
4	73048466	1	1	NUT (Not included in CYLINDER ASSY.)
5	73048459	1	1	BALL
6	73048460	1	1	CUP

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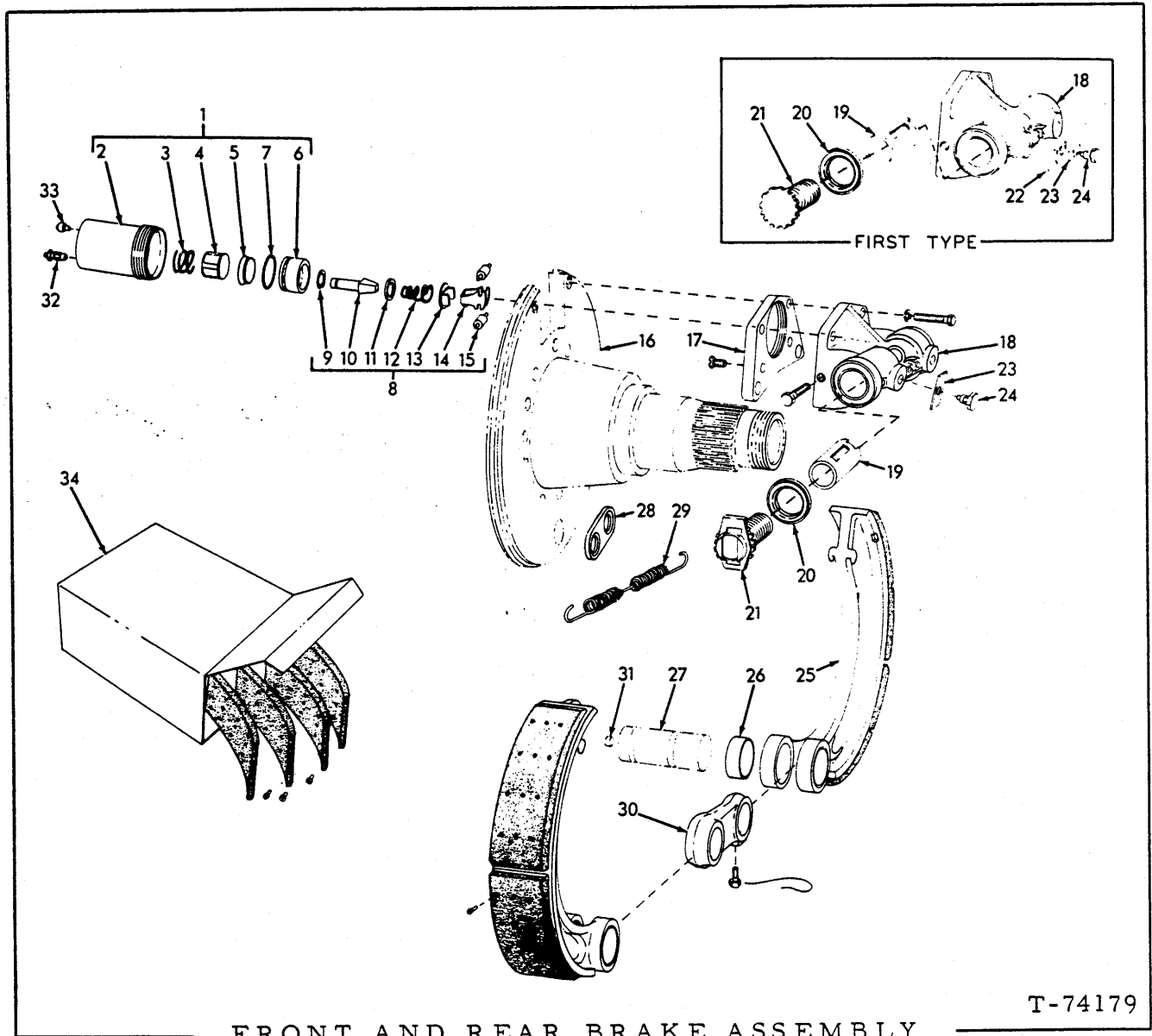
REAR BRAKE ASSEMBLY (Continued)

ITEM	PART NO.	QTY.		DESCRIPTION
		*	**	
7	73048458	1	1	PISTON
8	73048443	1	1	WEDGE ASSY. (Includes items 9 thru 14)
9	73048449	1	1	WASHER
10	73048448	1	1	SPRING
11	73048447	1	1	WASHER
12	73048444	1	1	WEDGE
	70900801	1	1	PIN, cotter
13	73048446	1	1	CAGE
14	73048445	2	2	ROLLER
15	73056505	1	1	PLATE ASSY., backing (Includes item 16 and PLATE listed below)
	-----	1	1	PLATE, backing (Not serviced separately - order complete Assy.)
16	-----	1	1	BRACKET (Order item 15)
	70913569	8	8	RIVET, 3/8" x 1-1/4"
17	73048462	2	2	PIN
	70910365	2	2	NUT, 7/8" NF
	70905347	2	2	LOCKWASHER, 7/8"
18	73066020	1	-	HOUSING ASSY. (Includes housing and items 22, 30, 31, 37, 38 and 39)(Replaces 73048450)
	73062317	-	1	HOUSING (Includes housing and items 19 thru 23) (Replaces 73103445 HOUSING)
	73048463	2	2	CAPSCREW
	70912441	2	2	LOCKWASHER, 1/2"
19	-----	-	2	PLUNGER (For initial replacement order item 40, thereafter use item 41)
20	-----	2	2	SEAL ASSY. (For initial replacement order: 36 or 40, thereafter use item 39; also order item 30 and 31)
21	-----	2	2	BOLT (For initial replacement order: item 36 or 40, thereafter use item 38; also order item 30 and 31)
22	73048736	2	2	GASKET
23	73103444	-	2	GUIDE
24	73048440	2	2	SHOE ASSY. (complete - includes linings, items 26 and 34)
25	73027613	1	1	LINK
26	73027620	2	2	BUSHING
27	73024764	2	2	WASHER, "C"
28	73048461	1	1	SPRING
29	-----	2	-	ACTUATOR (For initial replacement order: item 36, thereafter use item 37; also order item 30 and 31)
30	73066022	2	-	PLUNGER (For initial replacement also order item 31 and 36)
31	73066021	2	-	GUIDE (For initial replacement also order item 30 and 36)
32	73048853	2	-	SPRING
33	73048852	2	-	CAPSCREW
34	73055420	2	2	PLUG

(Continued)

REAR BRAKE ASSEMBLY (Continued)

ITEM	PART NO.	QTY.		DESCRIPTION
		*	**	
35	73048788	1	1	LINING KIT (Includes 4 Linings and Rivets in- dented below)
	70924988	72	72	RIVET, 1/4" dia. x 1/2"
36	73066362	1	-	KIT (Includes items 37, 38 and 39)
37	73066025	2	-	ACTUATOR (See item 29)
38	73066024	2	2	BOLT ASSY. (See item 21)
39	73062319	2	2	SEAL ASSY. (See item 20)
40	73066383	-	1	KIT (Includes items 38, 39 and 41)
41	73062320	-	2	PLUNGER (See item 19)



FRONT AND REAR BRAKE ASSEMBLY

T-74179

USAGE: Effective with loader serial no. 23C02248

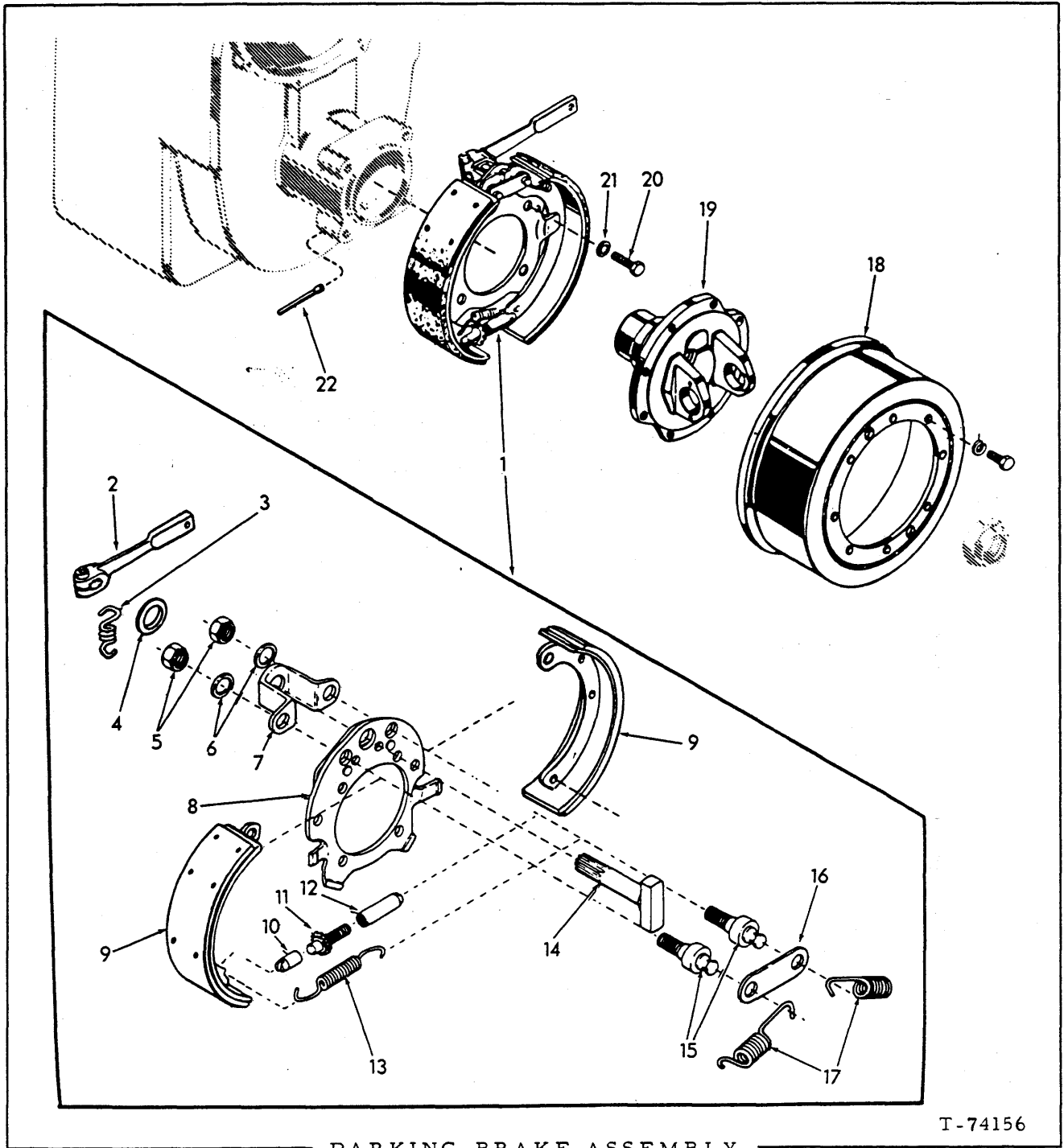
NOTE: Quantities shown are sufficient for one BRAKE ASSY. only.

ITEM	PART NO.	QTY.	DESCRIPTION
1	73047884	1	CYLINDER ASSY. (Includes items 2 thru 7)
2	-----	1	HOUSING (Order item 1)
3	73048029	1	SPRING
4	73048028	1	PLUG
5	73048027	1	CUP
6	73048026	1	PISTON ASSY. (Includes item 7)
7	70923664	1	O-RING
8	73047883	1	WEDGE ASSY. (Includes items 9 thru 15)
9	73048023	1	WASHER
10	73048018	1	WEDGE
11	73048022	1	WASHER
12	70185239	1	SPRING

(Continued)

FRONT AND REAR BRAKE ASSEMBLY (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
13	73048024	1	WASHER
14	73048019	1	CAGE
15	73048020	2	ROLLER
16	-----	1	SPINDLE ASSY. (See page 163)
17	73047893	1	PLATE
	74613537	2	SCREW
	73103437	1	HOUSING ASSY. (Includes HOUSING and items 19 thru 24)(Used prior to axle s/n 3-71-0029)
18	73066089	1	HOUSING ASSY. (Includes items 23, 24, 36, 37, and 38)(Effective with axle s/n 3-71-0029) (Replaces 73061568)
	73061569	1	HOUSING (Effective with axle s/n 3-71-0029)
	73047895	1	HOUSING (Used prior to axle s/n 3-71-0029)
	70910948	1	CAPSCREW, 3/8" NC x 2"
	70922526	2	CAPSCREW, 1/2" NC x 2-1/2"
	70912441	2	LOCKWASHER, 1/2"
19	-----	2	PLUNGER (For initial replacement order item 35, thereafter use item 36)
20	-----	2	SEAL (For initial replacement order item 35, thereafter use item 37)
21	73047897	2	BOLT (Used prior to axle s/n 3-71-0029)
	-----	2	BOLT ASSY. (Effective with unit no. 02444)(For initial replacement order item 35, thereafter use item 38)
22	70189310	2	DETENT (Used prior to axle s/n 3-71-0029)
23	70189311	2	WASHER
24	70185243	2	GUIDE
25	73047881	2	SHOE ASSY. (Includes items 26 and 34)
26	70166697	4	BUSHING
27	-----	2	PIN (See page 163)
28	73047880	1	SPACER
29	73008326	1	SPRING
30	73038254	1	LINK
	73038251	2	LOCKSCREW
	-----	1	LOCKWIRE, 19 ga. x 10" (refer to item 39)
31	70185245	1	PLUG
32	70185242	1	SCREW
33	70185220	1	SEAT
34	73058532	1	LINING KIT (Includes 8 Linings and Rivets in - dented below for complete axle)(Effective with axle s/n 3-71-0029)
	70918627	104	RIVET, brake lining
35	73066364	1	KIT (Includes items 36, 37 and 38)
36	73066090	2	PLUNGER (See item 19)
37	73065994	2	SEAL (See item 20)
38	73065995	2	BOLT ASSY. (See item 21)
39	73061917	-	LOCKWIRE (100' roll - use as required)

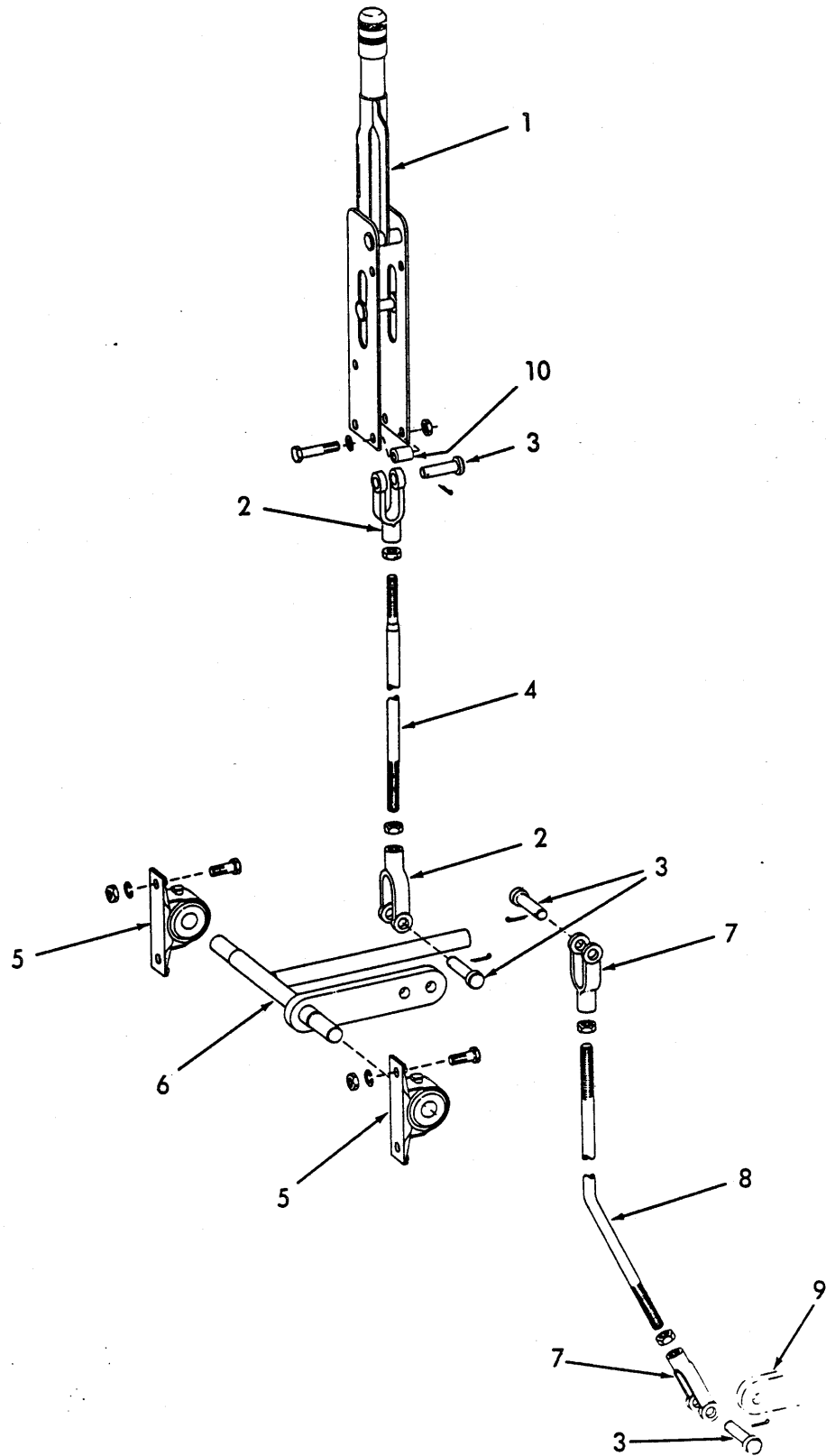


ITEM	PART NO.	QTY.	DESCRIPTION
1	73066455	1	BRAKE AND LEVER ASSY. KIT (Includes items 2 thru 17 and instruction sheet)(Also order 1 ROD 73065296 on page 181)
2	73104653	1	LEVER
3	73104655	1	SPRING
4	73104656	1	WASHER

(continued)

PARKING BRAKE ASSEMBLY (continued)

5	73104657	2	NUT
6	70919332	2	LOCKWASHER, 3/4"
7	73104658	1	BRACKET
8	73104659	1	PLATE
9	73104664	2	SHOE AND LINING
10	73104660	1	SOCKET
11	73104661	1	SCREW
12	73104662	1	NUT
13	73104663	1	SPRING
14	73104665	1	CAMSHAFT
15	73104666	2	PIN
16	73104667	1	BRACE
17	73104668	2	SPRING
18	73047763	1	DRUM
	70914875	8	CAPSCREW, 1/2" NF x 1"
	70904208	8	LOCKWASHER, 1/2"
19	-----	1	YOKE (See OUTPUT SHAFT AND AXLE DISCONNECT)
20	73047762	4	CAPSCREW, 5/8" NC x 1-3/8"
21	73047761	4	LOCKWASHER, internal tooth, 5/8"
22	73047765	1	TUBE
-	73055085	1	LINING KIT (Includes 2 linings and 24 rivets)

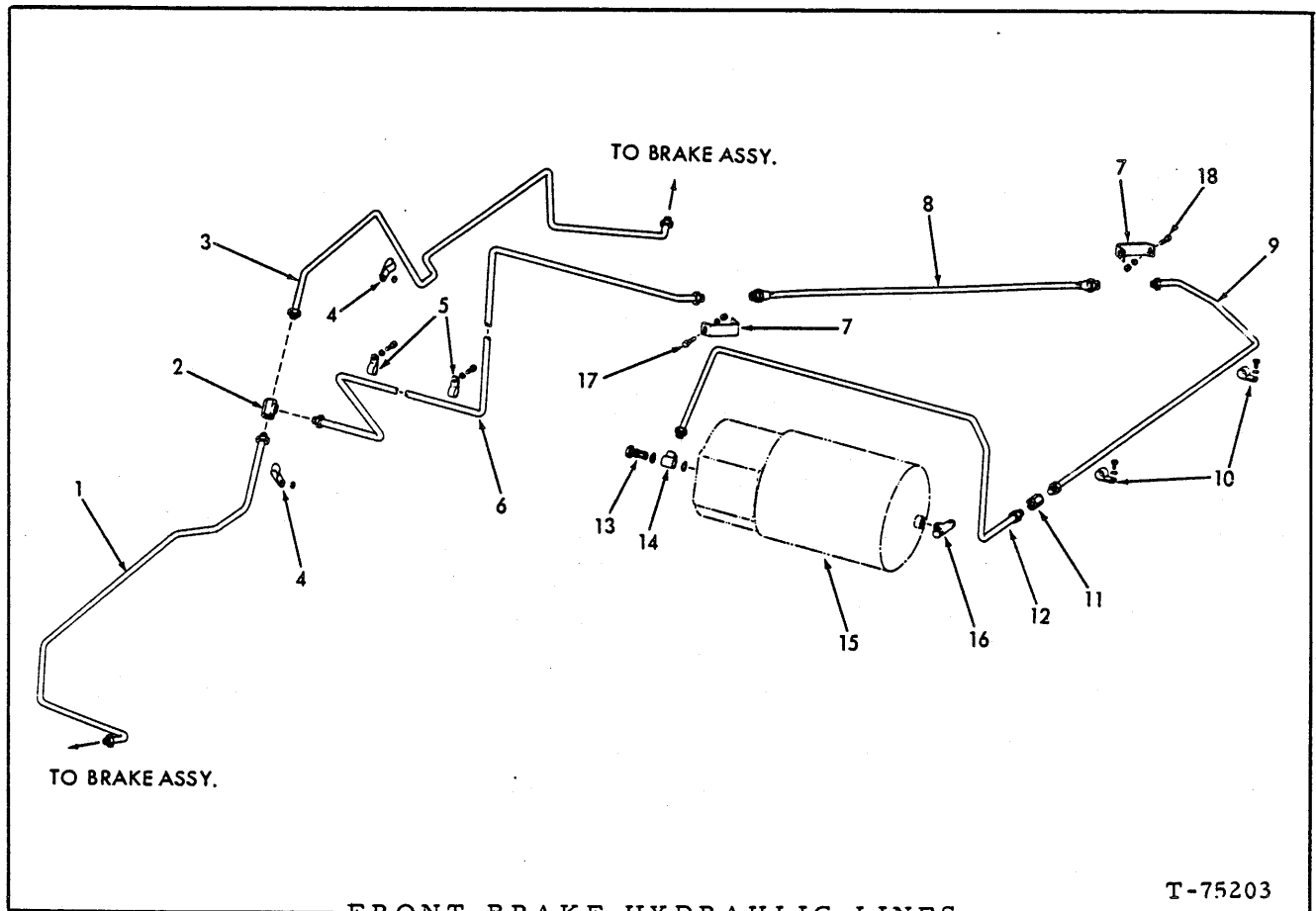


PARKING BRAKE CONTROL

T-74193

PARKING BRAKE CONTROL

ITEM	PART NO.	QTY.	DESCRIPTION
1	74722511	1	LEVER ASSY. (Serviced only as a unit)
	70914354	1	CAPSCREW, 5/16" NF x 3/4"
	70904205	1	LOCKWASHER, 5/16"
	70910233	1	NUT, 5/16" NF
	70916273	1	CAPSCREW, 3/8" NC x 1-3/4"
	70910287	1	LOCKWASHER, 3/8"
	70910324	1	NUT, 3/8" NC
2	{ 70917663	1	YOKE, adjustable, 5/16" thd.
		1	YOKE, adjustable, 1/2" thd.
	70910980	1	NUT, 5/16" NF
	70913177	1	NUT, jam, 1/2" NF
3	70917648	4	PIN
	70900806	4	PIN, cotter, 1/8" x 1"
4	73048259	1	ROD
5	70199933	2	BEARING
	70920622	4	CAPSCREW, 5/16" NF x 1"
	70904205	4	LOCKWASHER, 5/16"
	70910233	4	NUT, 5/16" NF
	70910335	4	WASHER, 5/16"
6	73048264	1	SHAFT
7	70917666	2	YOKE
	70911043	2	NUT, 1/2" NF
8	{ 73048260	1	ROD, 16" long (Used on original equipment transmission)
		1	ROD, 17-1/2" long (Used on service replacement and original equipment transmissions with KIT 73066455)(See page 177)
9	-----	1	LEVER (See page 177)
10	73071690	2	SPACER



FRONT BRAKE HYDRAULIC LINES

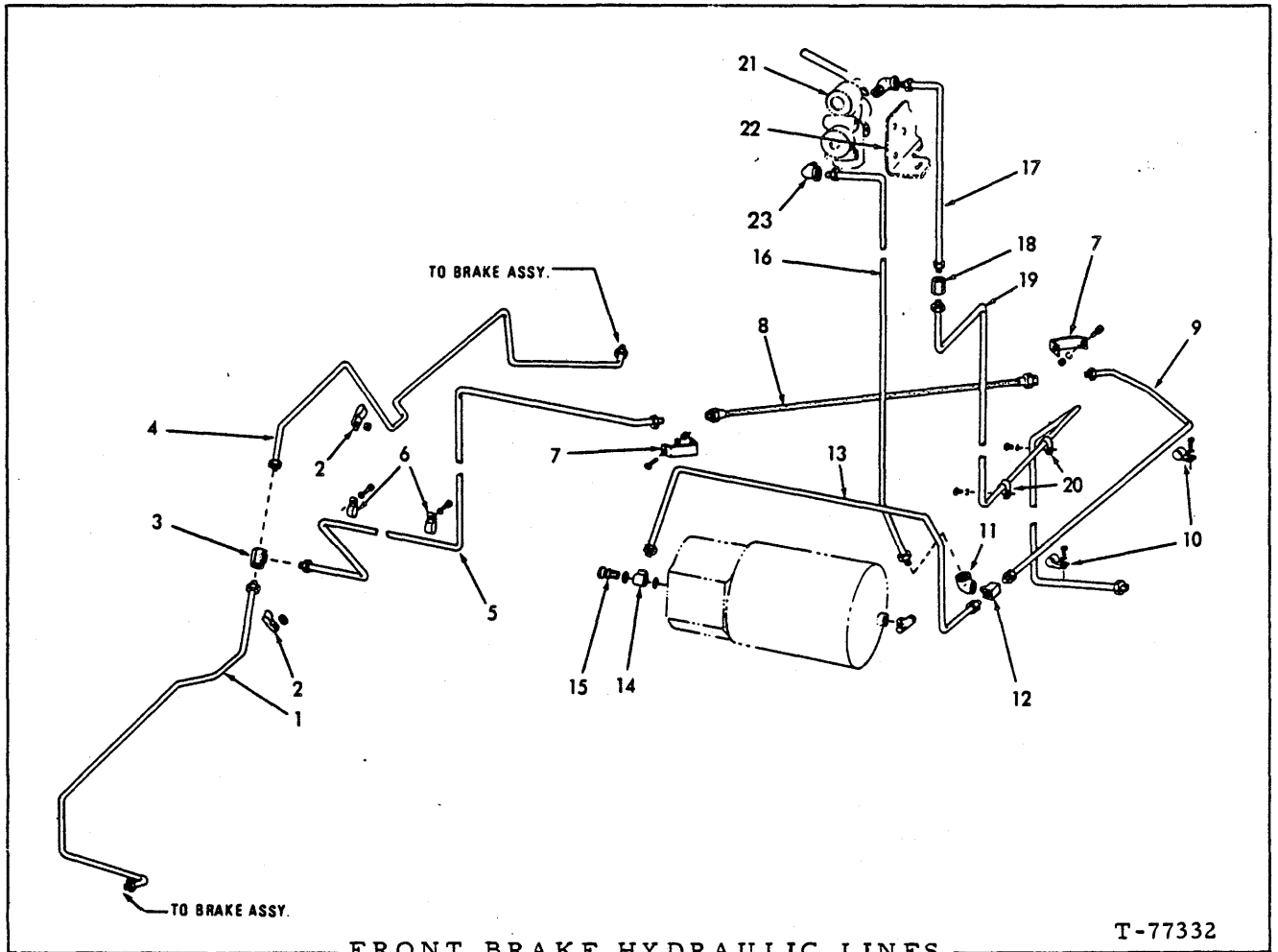
USAGE: Used prior to loader serial no. 96M02604, 87L02604, 23C02604, 84U02604

ITEM	PART NO.	QTY.	DESCRIPTION
1	73047227	1	TUBE ASSY.
2	70917585	1	TEE, 5/16" tube
3	73047228	1	TUBE ASSY.
4	73029843	2	CLIP
	70911049	2	NUT, 5/8" NF
5	70925616	2	CLAMP
	70923683	2	CAPSCREW, self-tapping, 3/8" NC x 3/4"
	70911115	2	WASHER, plain, SAE std., 3/8"
6	73047229	1	TUBE ASSY.
7	73046489	2	BRACKET
8	73046581	1	HOSE ASSY. (Serviced only as a unit)
9	73047231	1	TUBE ASSY.
10	70925616	2	CLAMP
	70916270	2	CAPSCREW, 3/8" NC x 1/2"
	70904206	2	LOCKWASHER, 3/8"

(Continued)

FRONT BRAKE HYDRAULIC LINES (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION	
11	70917484	1	UNION, female, 5/16" tube	
12	73058318	1	TUBE ASSY.	
13	73007115	1	FITTING	
14	73050191	1	FITTING	
	73006799	1	WASHER, inner (1/2" I. D.)	
	73006797	1	WASHER, inner (3/9/64" I. D.)	
15	-----	1	CLUSTER ASSY. (Front)	
16	-----	1	TEE (See BRAKE AIR LINES)	
17	-----	1	CAPSCREW	} See LIFT CYLINDERS AND PIPING
	-----	1	LOCKWASHER	
	-----	1	NUT	
18	-----	1	CAPSCREW	} See HYDRAULIC PUMP, VALVES AND PIPING
	-----	1	LOCKWASHER	
	-----	1	NUT	



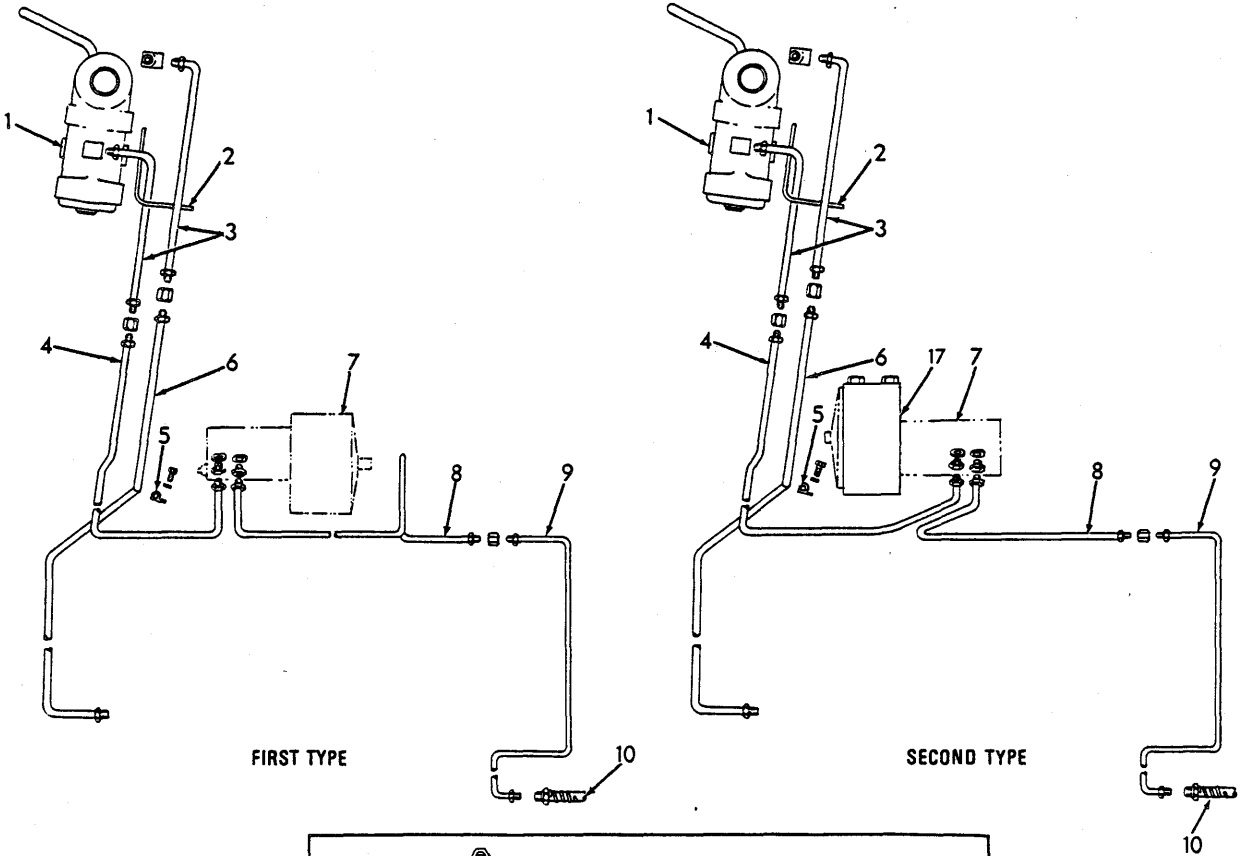
USAGE: Effective with loader serial no. 96M02604, 87L02604, 23C02604, and 84U02604

ITEM	PART NO.	QTY.	DESCRIPTION
1	73047227	1	TUBE ASSY.
2	73029843 70911049	2 2	CLIP NUT, 5/8" NF
3	70917585	1	TEE, 5/16" tube
4	73047228	1	TUBE ASSY.
5	73047229	1	TUBE ASSY.
6	70925616 70923683	2 2	CLAMP CAPSCREW, 3/8" NC x 3/4"
7	73046489	1	BRACKET
8	73046581	1	HOSE ASSY. (Serviced only as a unit)
9	73047231	1	TUBE ASSY.

(Continued)

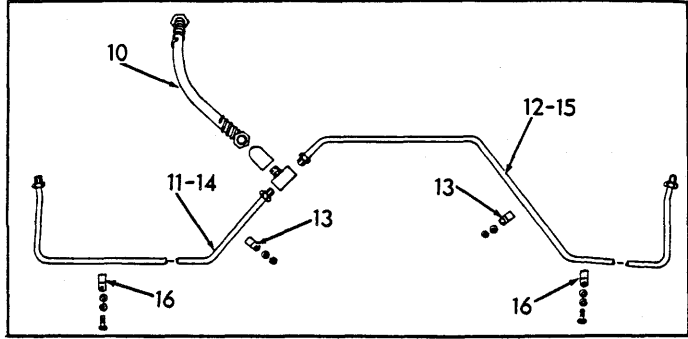
FRONT BRAKE HYDRAULIC LINES (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
10	70925616	2	CLAMP
	70916270	2	CAPSCREW, 3/8" NC x 3/4"
	70904206	2	LOCKWASHER, 3/8"
11	70915842	1	ELBOW
12	70927656	1	TEE
13	73058318	1	TUBE ASSY.
14	73050191	1	FITTING
15	73007115	1	FITTING
	73006799	1	WASHER
16	73059046	1	TUBE ASSY.
17	73047234	1	TUBE ASSY.
18	70919982	1	UNION
19	73047235	1	TUBE ASSY.
20	70925616	2	CLIP
	70916270	2	CAPSCREW, 3/8" NC x 1/2"
	70904206	2	LOCKWASHER, 3/8"
21	-----	1	VALVE ASSY. (See CLUTCH CUT-OFF VALVE)
22	-----	1	BRACKET (See AIR CLEANER CONNECTIONS)
23	70913704	2	ELBOW



FIRST TYPE

SECOND TYPE



REAR BRAKE HYDRAULIC LINES

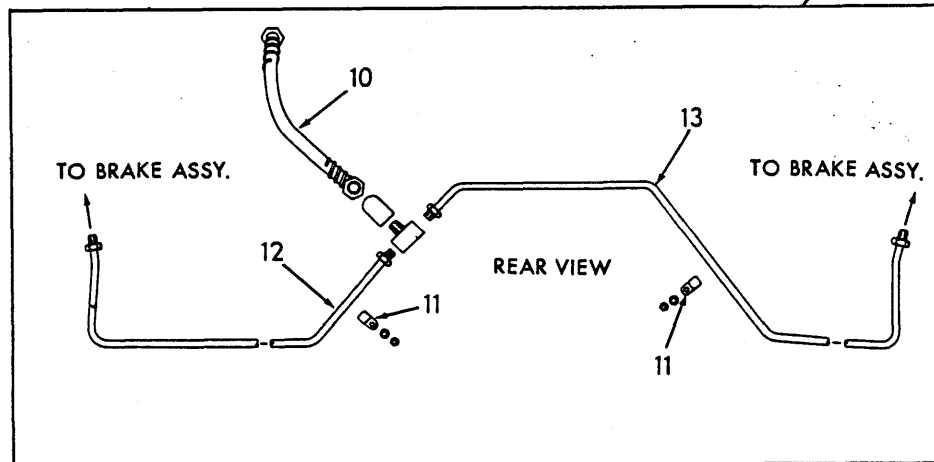
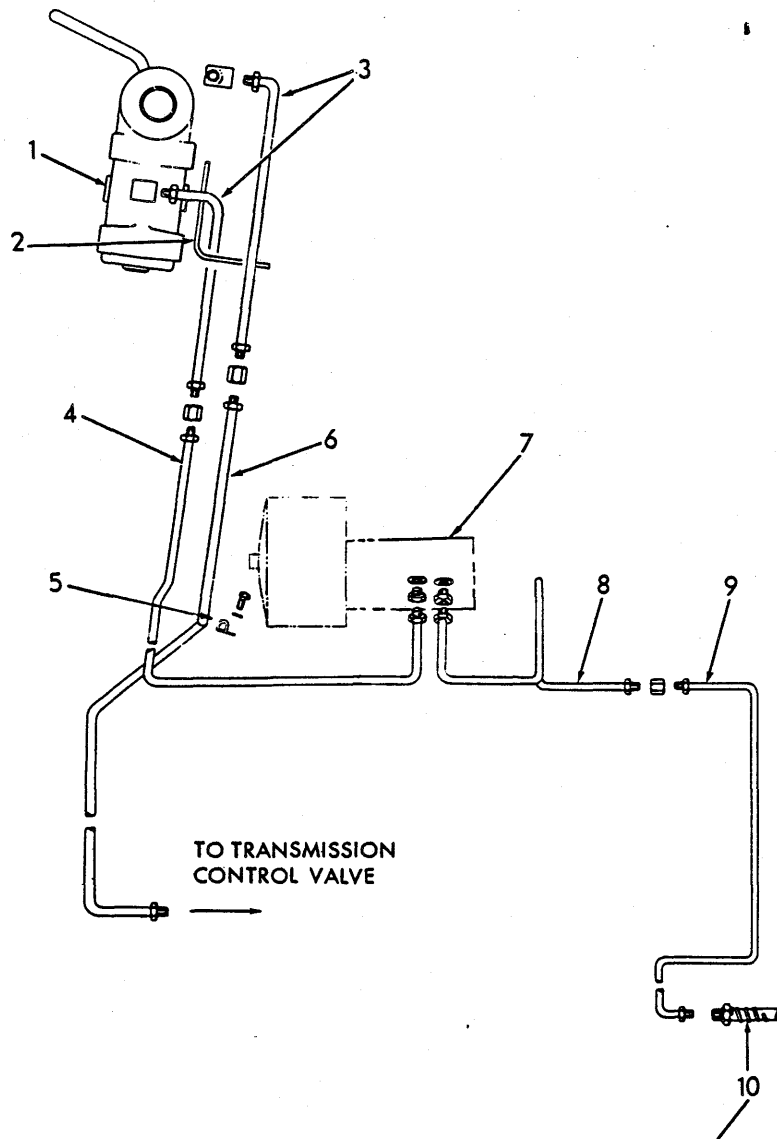
T-75677

REAR BRAKE HYDRAULIC LINES

USAGE: Used prior to loader serial number 96M02604 and 87L02604.

ITEM	PART NO.	QTY.	DESCRIPTION
1	-----	1	VALVE ASSY. (See CLUTCH CUT-OFF VALVE)
2	-----	1	BRACKET, valve mounting (See AIR CLEANER CONNECTIONS)
3	73047234	2	TUBE ASSY.
	70919982	2	UNION, female, 1/4" tube
	70913704	2	ELBOW, flare type, 1/4" tube, 1/8" NPT
4	{ 73047233	1	TUBE ASSY. (Used prior to unit no. 02452)
	{ 73057286	1	TUBE ASSY. (Effective with unit no. 02452)
	73014873	1	CONNECTOR } at Power Cluster
	73006797	1		WASHER }
5	70925616	2	CLAMP
	70916270	2	CAPSCREW, 3/8" NC x 1/2"
	70904206	2	LOCKWASHER, 3/8"
6	73047235	1	TUBE ASSY.
	70913535	1	CONNECTOR, flare type, 1/4" tube, 1/8" NPT male
7	-----	1	See POWER CLUSTER ASSY.
8	{ 73048904	1	TUBE ASSY. (Used prior to unit no. 02452)
	{ 73057287	1	TUBE ASSY. (Effective with unit no. 02452)
	70919982	1	UNION, female. 1/4" tube
	73014873	1	CONNECTOR } At Power Cluster
	73006797	1	WASHER }
9	{ 73048903	1	TUBE ASSY. (Used prior to unit no. 02452)
	{ 73057283	1	TUBE ASSY. (Effective with unit no. 02452)
10	73047220	1	HOSE ASSY. (Crimped-type) (Serviced only as a unit)
	70911049	1	NUT, 5/8" NF
	70915842	1	ELBOW
	70915841	1	TEE, flare type. 1/4" tube, 1/8" NPT male
11	73047238	1	TUBE ASSY., L. H. }
12	73047237	1	TUBE ASSY., R. H. }
13	73006769	2	CLIP
	70910244	2	WASHER, plain, SAE std., 1/2"
	-----	2	NUT (See REAR AXLE HOUSING)
14	73104788	1	TUBE ASSY., L. H. }
15	73104789	1	TUBE ASSY., R. H. }
16	70925604	2	CLIP
	70916381	2	CAPSCREW, 3/8" NF x 3/4"
	70900817	2	WASHER, plain, U.S. std., 3/8"
	70904206	2	LOCKWASHER, 3/8"
17	73056964	1	BRACKET
	70915987	2	CAPSCREW, 1/2" NC x 1-1/2"
	70915972	2	NUT, 1/2" NC

Effective with loader serial no. 1717



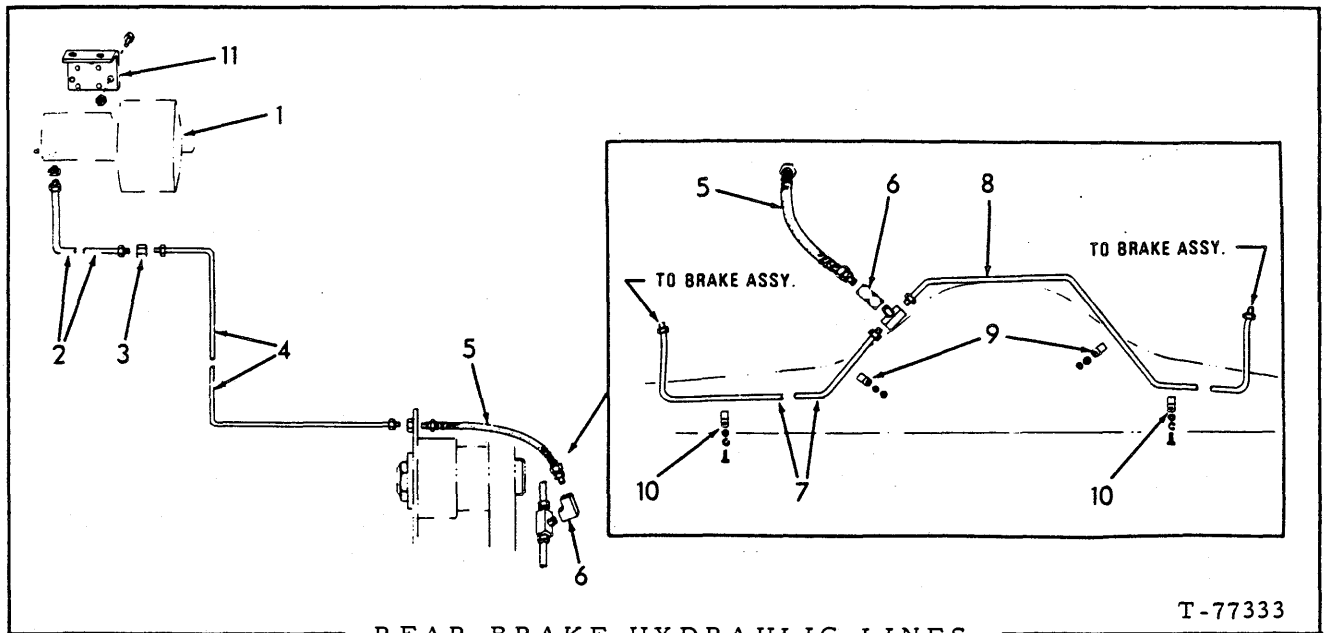
REAR BRAKE HYDRAULIC LINES

T-75205

REAR BRAKE HYDRAULIC LINES

USAGE: Used prior to loader serial no. 23C02604 and 84U02604

ITEM	PART NO.	QTY.	DESCRIPTION
1	-----	1	VALVE ASSY. (See CLUTCH CUT-OFF VALVE)
2	-----	1	BRACKET (See AIR CLEANER CONNECTIONS)
3	73047234	2	TUBE ASSY.
	70919982	2	UNION, female, 1/4" tube
	70913704	2	ELBOW, flare type, 1/4" tube, 1/8" NPT
4	73054583	1	TUBE ASSY.
	73014873	1	CONNECTOR } At Power Cluster
	73006797	1	WASHER }
5	70925616	2	CLIP
	70916270	2	CAPSCREW, 3/8" NC x 1/2"
	70904206	2	LOCKWASHER, 3/8"
6	73047235	1	TUBE ASSY.
	70913535	1	CONNECTOR, flare type, 1/4" tube, 1/8" NPT male
7	-----	1	See POWER CLUSTER ASSY.
8	73054582	1	TUBE ASSY. (Used prior to loader unit no. 2452)
	73057285	1	TUBE ASSY. (Used loader unit no. 2452 thru 2603)
	70919982	1	UNION, female, 1/4" tube
	73014873	1	CONNECTOR } At Power Cluster
	73006797	1	WASHER }
9	73048903	1	TUBE ASSY. (Used prior to loader unit no. 2452)
	73057283	1	TUBE ASSY. (Used loader unit no. 2452 thru 2603)
10	73047220	1	HOSE ASSY. (Crimped type)(Serviced only as a unit)
	70911049	1	NUT, 5/8" NF
	70927656	1	TEE, 5/16" tube, 1/2" straight thread
	70915842	1	ELBOW, 1/4" tube, 7/16" straight thread
11	73029843	2	CLIP
	-----	2	NUT (See REAR AXLE HOUSING)
12	73054587	1	TUBE ASSY. left
13	73054588	1	TUBE ASSY. right
14	73054584	1	BRACKET (Used prior to loader unit no. 02452)
	73056964	1	BRACKET (Effective with loader unit no. 02452)

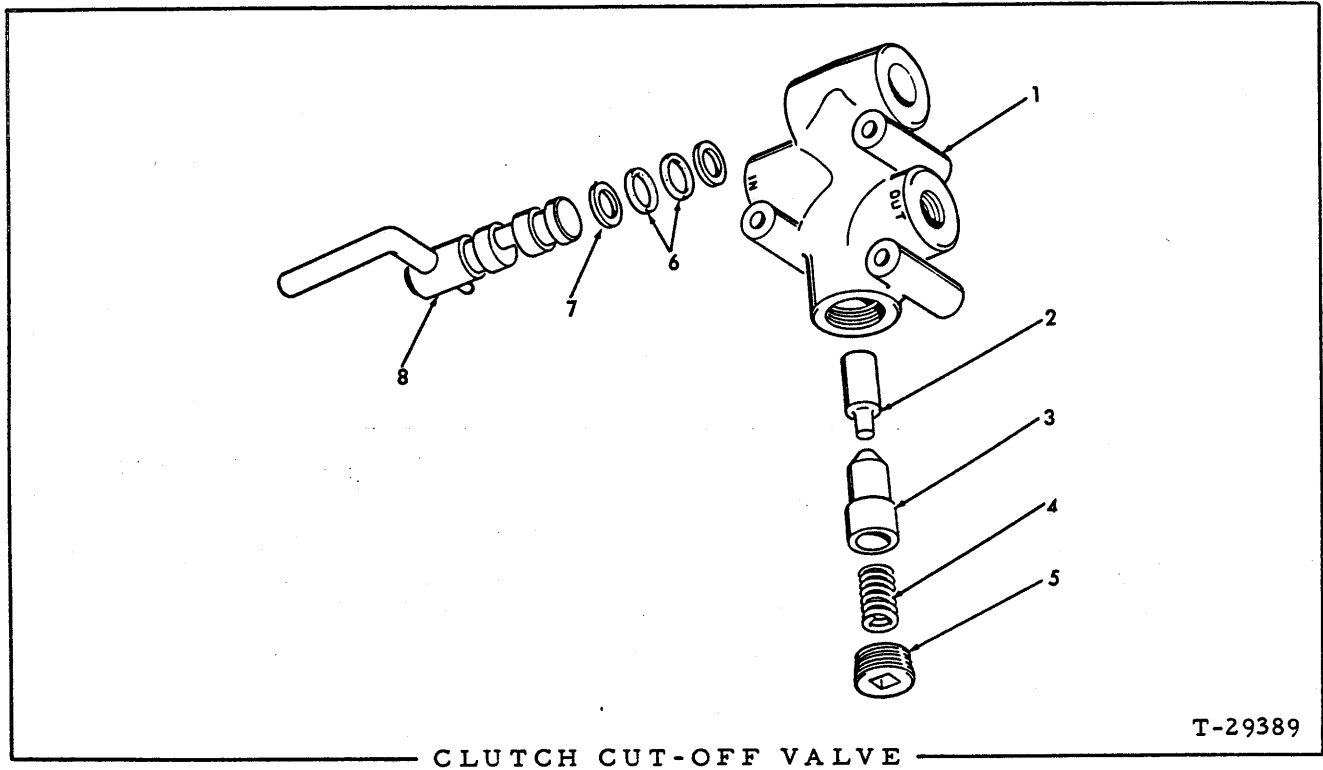


REAR BRAKE HYDRAULIC LINES

USAGE: * Effective with loader serial no. 96M02604 and 87L02604
 ** Effective with loader serial no. 23C02604 and 84U02604

ITEM	PART NO.	QTY.		DESCRIPTION
		*	**	
1	-----	1	1	See POWER CLUSTER ASSY.
	73017550	-	1	CONNECTOR
	73014873	1	-	CONNECTOR
	73006797	2	2	WASHER
	70067508	1	1	PLUG
2	{ 73059473	-	1	TUBE ASSY.
	{ 73059470	1	-	TUBE ASSY.
3	{ 70917484	-	1	UNION, female, 1/4" tube
	{ 70919982	1	-	UNION, female, 1/4" tube
4	{ 73059045	-	1	TUBE ASSY.
	{ 73057283	1	-	TUBE ASSY.
5	{ 73059047	-	1	HOSE ASSY.
	{ 73047220	1	-	HOSE ASSY.
6	{ 70915865	-	1	ELBOW, rotate
	{ 70927656	-	1	TEE
	{ 70915842	1	-	ELBOW, rotate
	{ 70915841	1	-	TEE
7	{ 73054587	-	1	TUBE ASSY., L. H.
	{ 73104788	1	-	TUBE ASSY., L. H.

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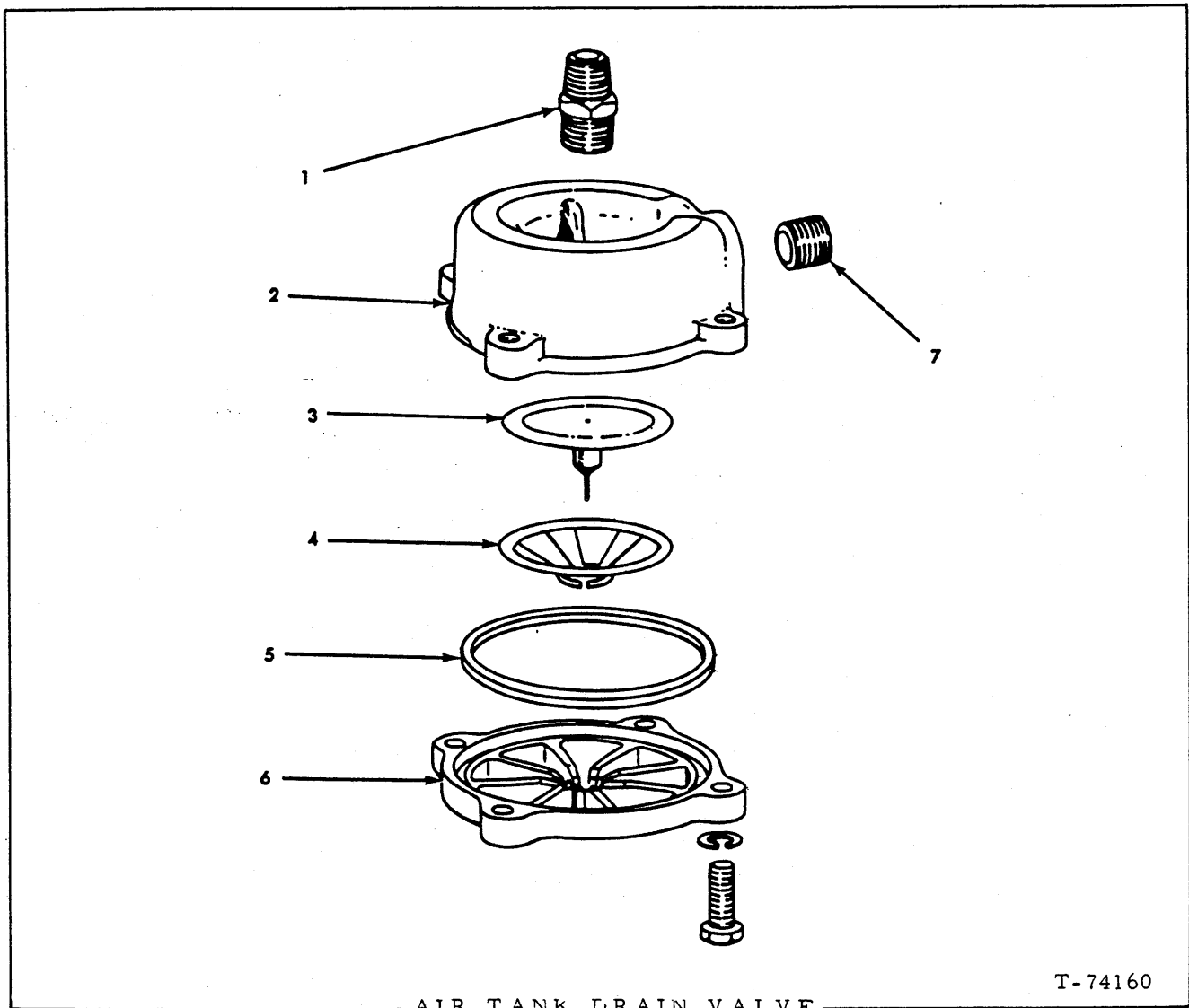
CLUTCH CUT-OFF VALVE

USAGE: See REAR BRAKE HYDRAULIC LINES

ITEM	PART NO.	QTY.	DESCRIPTION
-	73012490	1	VALVE ASSY. (Includes items 1 thru 8)
	73012488	3	CAPSCREW, hex ctsk., #10 NF x 2"
	70904203	3	LOCKWASHER, #10
	70910251	3	NUT, #10 NF
1	-----	1	HOUSING (Order Valve Assy.)
2	73014044	1	FOLLOWER
3	73014043	1	PLUNGER
4	73014042	1	SPRING
5	70907856	1	PLUG, pipe, ctsk., 3/8" NPT
6	70923663	2	O-RING
7	73014045	2	RING
8	73014046	1	CAM ASSY. (Includes lever) (Serviced only as a unit)

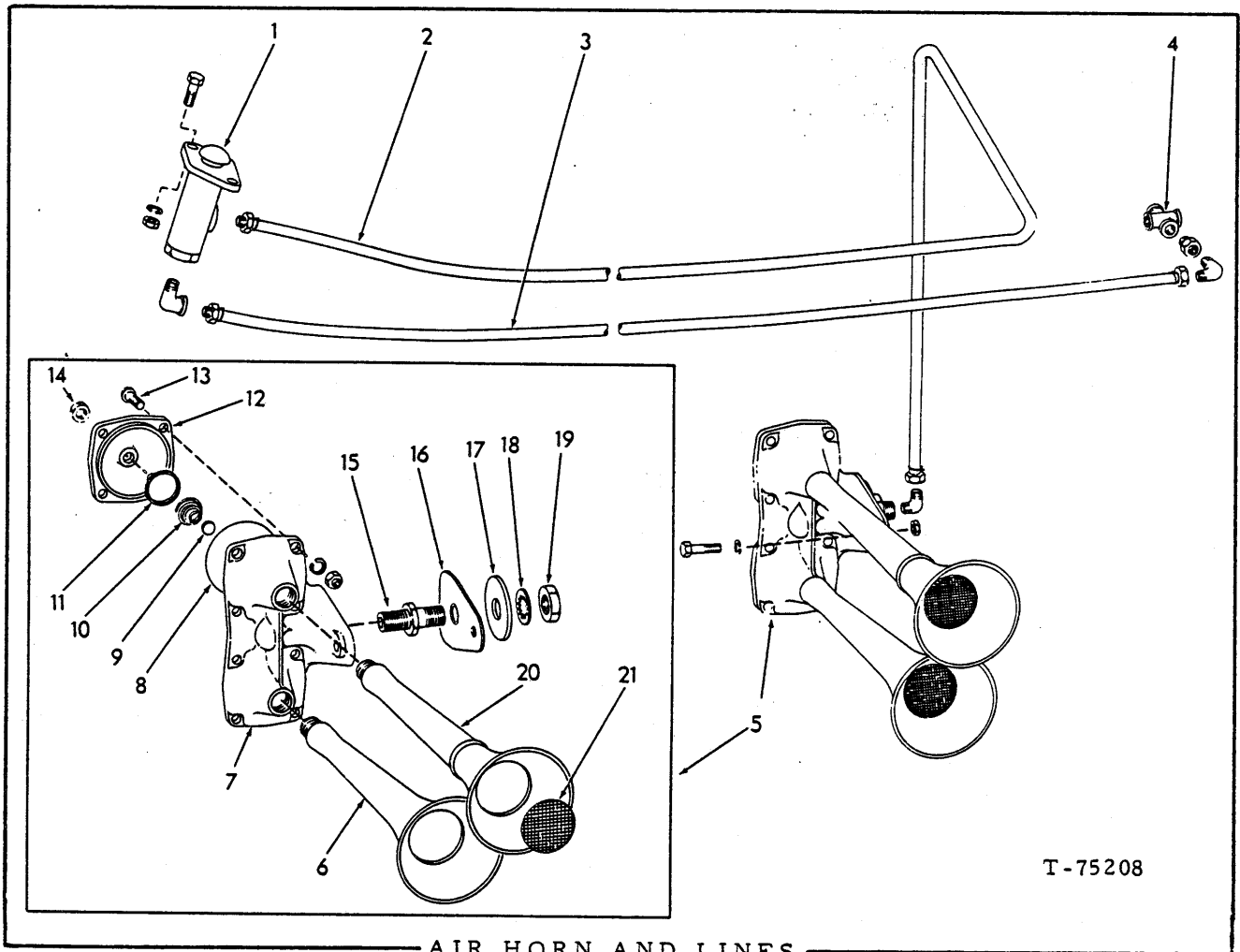
REAR BRAKE HYDRAULIC LINES (Continued)

ITEM	PART NO.	QTY. * **	DESCRIPTION
8	73054588	- 1	TUBE ASSY., R. H.
	73104789	1 -	TUBE ASSY., R. H.
9	73029843	- 2	CLIP
	73002737	2 -	CLIP
	70911049	2 2	NUT
10	70925613	2 2	CLAMP
	70916381	2 2	CAPSCREW, 3/8" NC x 3/4"
	70911115	2 2	WASHER, plain, 3/8"
11	73059469	1 1	BRACKET
	70915987	2 2	CAPSCREW, 1/2" NC x 1-1/2"
	70915972	2 2	NUT, 1/2" NC



USAGE: Effective Loader serial No. 1717, 23C02248. See AIR TANK AND LINES

ITEM	PART NO.	QTY.	DESCRIPTION
-	73103486	1	VALVE ASSY., drain (Includes items 1 thru 6)
1	73065080	1	ADAPTER
2	-----	1	BODY (Order complete VALVE ASSY.)
3	73104683	1	VALVE ASSY.
4	73104684	1	GUIDE, valve (nylon)
5	73104685	1	RING, seal
6	-----	1	COVER (Order complete VALVE ASSY.)
	70915813	4	CAPSCREW, 5/16"NC x 7/8"
	70917356	4	LOCKWASHER, pltd., 5/16"
7	70918887	1	PLUG, 3/8" NPT



T-75208

AIR HORN AND LINES

USAGE: Used with loader serial No. 1717 thru 96M02603 including S/N 1003.

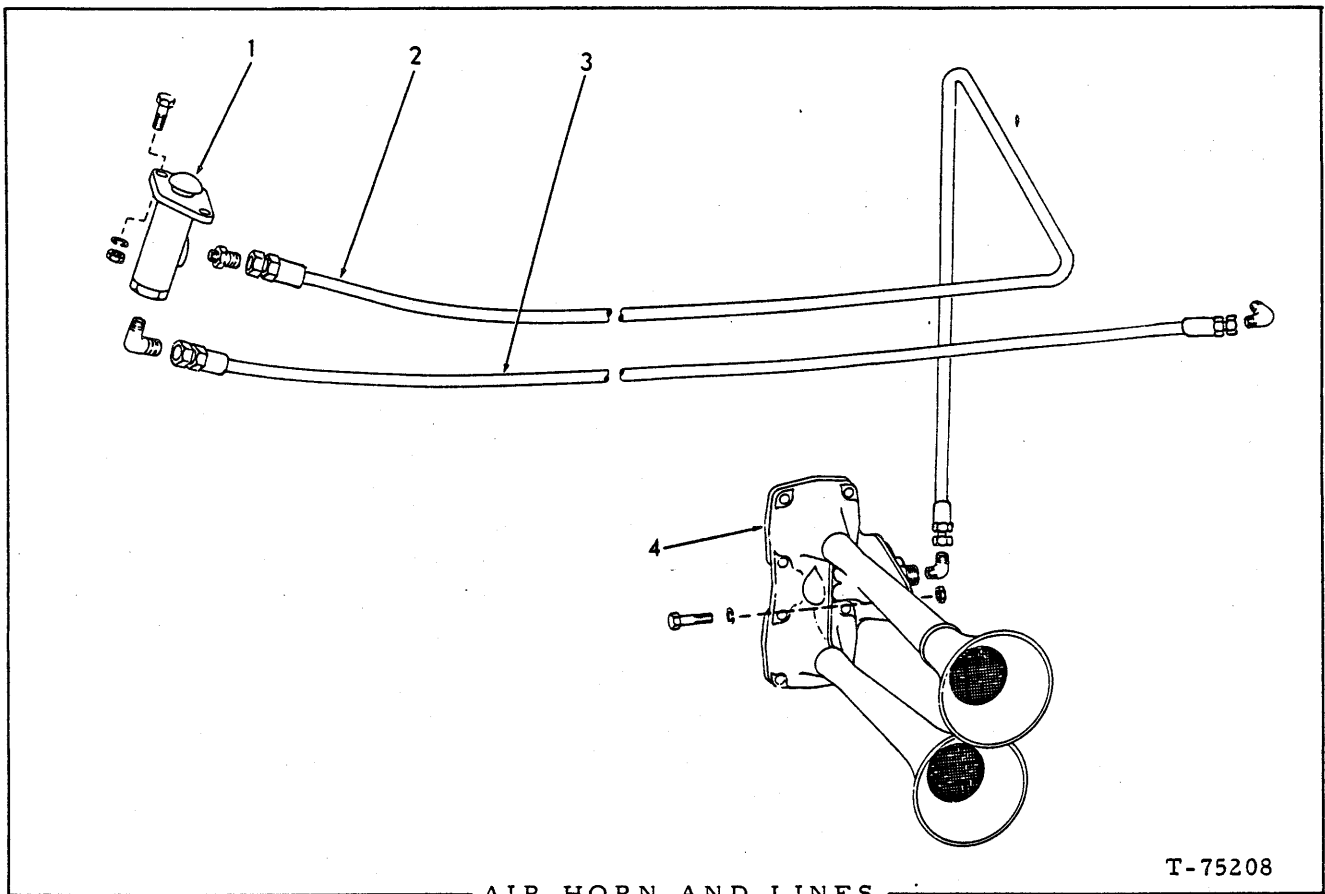
ITEM	PART NO.	QTY.	DESCRIPTION
1	70181478	1	VALVE
	70921960	2	CAPSCREW, 1/4"NC x 1"
	70904204	2	LOCKWASHER, 1/4"
	70916622	2	NUT, 1/4"NC
2	73054508	1	HOSE ASSY., valve to horn (Crimped type - serviced only as a unit)
	70179966	2	CLAMP
	70920800	1	FITTING, male, socketless, 1/4" hose, 1/8"PT
	70920805	1	FITTING, swivel, socketless, 1/4" hose, 7/16" str. thd.
	70919173	1	ELBOW, male, 1/4" tube, 1/8"PT (at Horn)
3	73054509	1	HOSE ASSY., tank to valve (Crimped type - serviced only as a unit)
	70179966	2	CLAMP
	70920801	1	FITTING, male, socketless, 1/4" hose, 1/4"PT
	70920805	1	FITTING, swivel, socketless, 1/4" hose, 7/16" str. thd.
	70901722	1	ELBOW, street, 1/4"PT (at Valve)
4	-----	1	CROSS
	-----	1	BUSHING
	-----	1	ELBOW

} See AIR TANKS AND LINES

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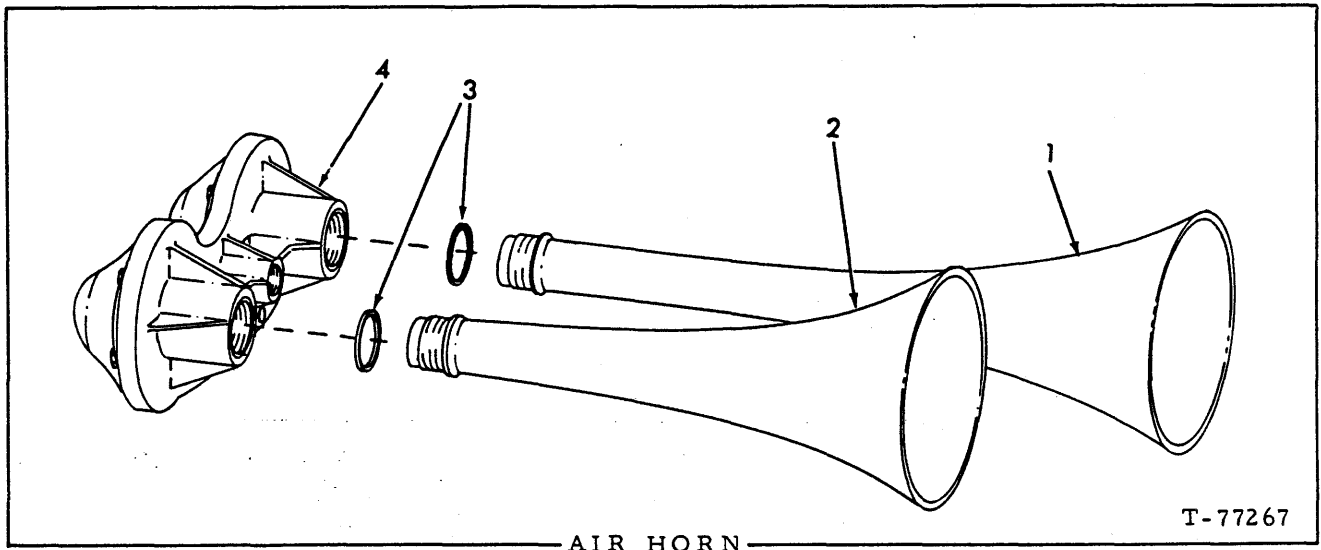
AIR HORN AND LINES (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
5	70187237	1	HORN ASSY., air (Includes items 6 thru 14)(Used prior to loader serial No. 96M02050)
	73053921	1	HORN ASSY., air (Effective with loader serial No. 96M02050) (Serviced only as a unit)
	70915807	1	CAPSCREW, cd. pltd., 5/16"NC x 1-1/4"
	70904205	1	LOCKWASHER, 5/16"
	70910323	1	NUT, 5/16"NC
6	70177419	1	BELL, short
7	70198720	1	BODY
8	70178964	2	DIAPHRAGM
9	70178963	2	CONTACT
10	70178965	2	SPRING
11	70178960	2	SEAT ASSY.
12	70178969	2	COVER
13	70916533	8	SCREW, rd. hd., ct. pltd., 1/4"NC x 7/8"
	70904204	8	LOCKWASHER, 1/4"
14	70191741	2	NUT, special
15	70187241	1	COUPLING
16	70178966	1	GASKET
17	70178972	1	WASHER, special
18	70910334	1	LOCKWASHER, int. tooth, 5/8"
19	70906907	1	NUT, jam, 5/8"NF
20	70177418	1	BELL
21	70187239	2	SCREEN
22	70920720	-	HOSE, low pressure, 1/4" I. D., 25 ft. roll (Used as req'd)

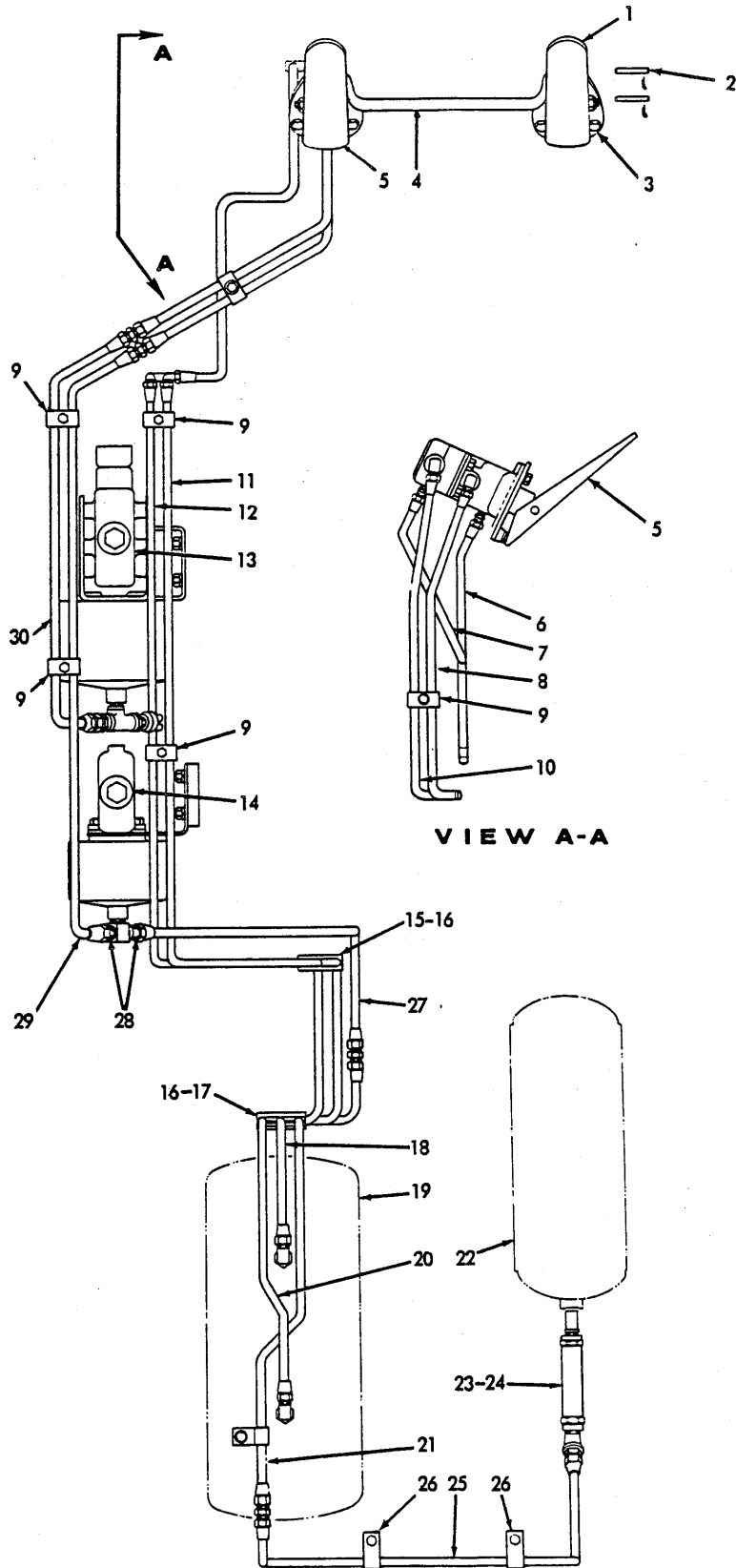


USAGE: *Used prior to loader serial No. 23C02604
 **Effective with loader serial No. 23C02604, 96M02604

ITEM	PART NO.	QTY.		DESCRIPTION
		*	**	
1	70181478	1	1	VALVE
	70916285	2	2	CAPSCREW, 1/4"NC x 1"
	70904204	2	2	LOCKWASHER, 1/4"
	70916622	2	2	NUT, 1/4"NC
2	73054508	1	-	TUBE ASSY.
	73058003	-	1	TUBE ASSY.
	70919172	1	-	CONNECTOR, 1/4" tube, 1/8" tapered thread
	70914626	-	1	CONNECTOR, 1/4" tube, 1/8" tapered thread
	70921185	-	1	ELBOW, 1/4" tube, 1/4" tapered thread
3	70919546	1	-	ELBOW, 1/4" tube, 7/16" tapered thread
	73054509	1	-	TUBE ASSY.
	73059068	-	1	TUBE ASSY.
	70919546	2	-	ELBOW, 1/4" tube, 7/16" straight thread
	70921185	-	1	ELBOW, 1/4" tube 1/4" tapered thread
	70919497	-	1	CONNECTOR, 1/4" tube, 1/4" tapered thread
4	73053921	1	1	HORN ASSY. (Serviced only as a unit)
	70916285	2	2	CAPSCREW, 1/4"NC x 1"
	70904204	2	2	LOCKWASHER, 1/4"
	70916622	2	2	NUT, 1/4"NC



ITEM	PART NO.	QTY.	DESCRIPTION
	73053921	-	HORN (See AIR HORN AND LINES)
1	73056154	1	PROJECTOR
2	73056153	1	PROJECTOR
3	73061126	2	GASKET
4	73061127	1	DIAPHRAGM



VIEW A-A

BRAKE AIR LINES (First type)

T-73986

BRAKE AIRLINES (FIRST TYPE)

USAGE: Prior to Loader serial no. 1717 (See page 202 for serial no. 1003)

ITEM	PART NO.	QTY.	DESCRIPTION
1	73048317	1	TREADLE
	70920622	3	CAPSCREW, 5/16" NF x 1"
	70904205	3	LOCKWASHER, 5/16"
	70913636	3	NUT, 5/16" NF
2	73048322	2	PIN
	70910147	2	PIN, cotter, 3/32" x 1-1/8"
3	73048320	1	FLANGE
4	73054055	1	PIPE
	70916381	4	CAPSCREW, 3/8" NF x 3/4"
	70904206	4	LOCKWASHER, 3/8"
	70911041	4	NUT, 3/8" NF
5	-----	1	VALVE ASSY., (See AIR APPLICATION VALVE ASSY.)
6	73047207	1	TUBE
	70917354	1	CONNECTOR, compression, 1/2" tube 3/8" NPT male
	70912793	2	SLEEVE, compression fitting, 1/2" tube
	70921189	2	NUT, compression, 1/2" tube
	70919503	1	UNION, compression, 1/2" tube
7	73047209	1	TUBE
	70917354	1	CONNECTOR, compression, 1/2" tube, 3/8" NPT male
	70912793	2	SLEEVE, compression fitting, 1/2" tube
	70921189	2	NUT, compression, 1/2" tube
	70919503	1	UNION, compression, 1/2" tube
8	73048876	1	TUBE
	70917370	1	ELBOW, compression, 1/2" tube, 3/8" NPT
	70912793	2	SLEEVE, compression, 1/2" tube
	70921189	2	NUT, compression, 1/2" tube
	70919511	1	ELBOW, compression, 1/2" tube
9	73048511	12	CLAMP
	70916383	1	CAPSCREW, 3/8" NF x 1-1/2"
	70916385	5	CAPSCREW, 3/8" NF x 2"
	70904206	6	LOCKWASHER, 3/8"
	70911115	-	WASHER, plain, shim (use as required)
10	73048875	1	TUBE
	70917370	1	ELBOW, compression, 1/2" tube, 3/8" NPT
	70912793	2	SLEEVE, compression, 1/2" tube
	70921189	2	NUT, compression, 1/2" tube
	70919511	1	ELBOW, compression, 1/2" tube
11	73048878	1	TUBE
	70912793	2	SLEEVE, compression, 1/2" tube
	70921189	2	NUT, compression, 1/2" tube
12	73048877	1	TUBE
	70921793	2	SLEEVE, compression, 1/2" tube
	70921189	2	NUT, compression, 1/2" tube
13	-----	1	POWER CLUSTER, 7" (See POWER CLUSTER- First type)

(Continued)

BRAKE AIR LINES (FIRST TYPE) (Continued)

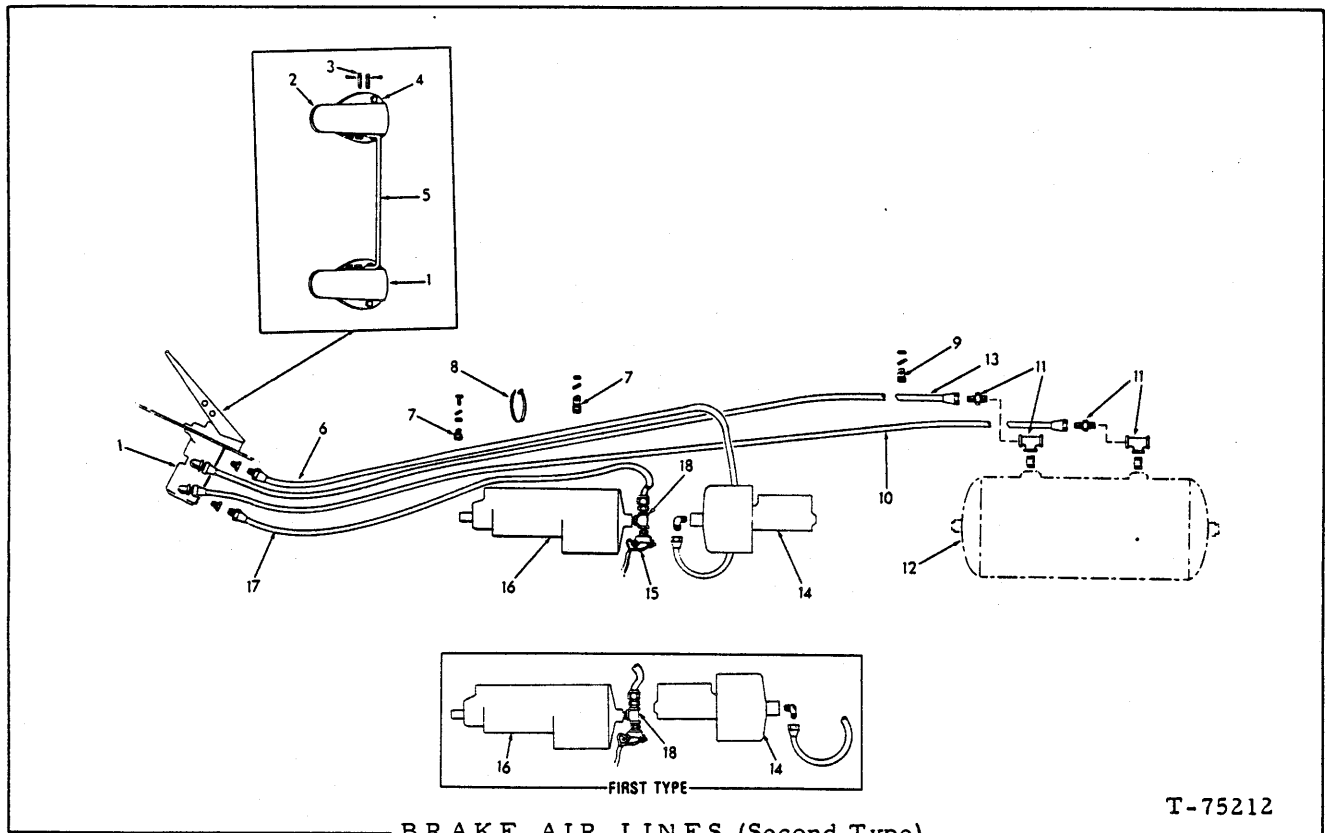
ITEM	PART NO.	QTY.	DESCRIPTION
14	-----	1	POWER CLUSTER, 6" (See REAR POWER CLUSTER)
15	73048511	2	CLAMP
	70914847	1	CAPSCREW, 3/8" NC x 1-1/2"
	70904206	1	LOCKWASHER, 3/8"
16	70925604	4	CLIP
17	73050087	2	CLAMP
	70914847	1	CAPSCREW, 3/8" NC x 1-1/2"
	70904206	1	LOCKWASHER, 3/8"
18	73048879	1	TUBE
	70919511	1	ELBOW, compression, 1/2" tube
	70912793	2	SLEEVE, compression, 1/2" tube
	70921897	2	NUT, compression, 1/2" tube
	70917370	1	ELBOW, compression, 1/2" tube
	70904239	1	BUSHING, pipe, 3/4" to 3/8"
19	-----	-	See AIR TANK AND LINES
20	73048880	1	TUBE
	70919511	1	ELBOW, compression, 1/2" tube
	70912793	2	SLEEVE, compression, 1/2" tube
	70921897	2	NUT, compression, 1/2" tube
	70917370	1	ELBOW, compression, 1/2" tube
	70904239	1	BUSHING, pipe, 3/4" to 3/8"
21	73048881	1	TUBE
	70919503	2	UNION, compression, 1/2" tube
	70912793	2	SLEEVE, compression, 1/2" tube
	70921189	2	NUT, compression, 1/2" tube
22	-----	-	See AIR TANK AND LINES
23	73029259	1	COCK
	70913938	1	TEE, service, 1/4"
24	73042858	1	DRAIN
	70901478	1	NIPPLE, close, 1/4" x 7/8" long
	70914626	1	CONNECTOR, compression, 1/4" tube
	70906058	1	ELBOW, 45°, street
25	73048894	1	TUBE
	70924816	1	CONNECTOR, compression, 1/2" tube
	70912793	2	SLEEVE, compression, 1/2" tube
	70921189	2	NUT, compression, 1/2" tube
	70919503	1	UNION, compression, 1/2" tube
26	73006816	2	CLIP
	70916270	2	CAPSCREW, 3/8" NC x 1/2"
	70904206	2	LOCKWASHER, 3/8"
27	73048895	1	TUBE
	70912793	2	SLEEVE, compression, 1/2" tube
	70921189	2	NUT, compression, 1/2" tube

(Continued)

BRAKE AIR LINES (FIRST TYPE) (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
28	73014873	2	CONNECTOR
	70919526	1	TEE
	73006797	2	WASHER
29	73046205	1	TUBE
	70912793	2	CONNECTOR, compression, 1/2" tube
	70921189	2	NUT, compression, 1/2" tube
30	73047208	1	TUBE
	70901826	1	BUSHING, pipe, 3/8" to 1/4"
	70901704	1	TEE, pipe 3/8" NPT
	70901489	1	NIPPLE, pipe, 3/8" NPT x 1"
	70917354	1	CONNECTOR, compression, 1/2" tube
	70912793	2	SLEEVE, compression, 1/2" tube
	70921189	2	NUT, compression, 1/2"

ALWAYS GIVE MODEL AND SERIAL NUMBER WHEN ORDERING PARTS



BRAKE AIR LINES (Second Type)

T-75212

USAGE: *Used with loader serial No. 1717 thru 96M02603 including serial No. 1003.
 **Used prior to loader S/N 23C02604.

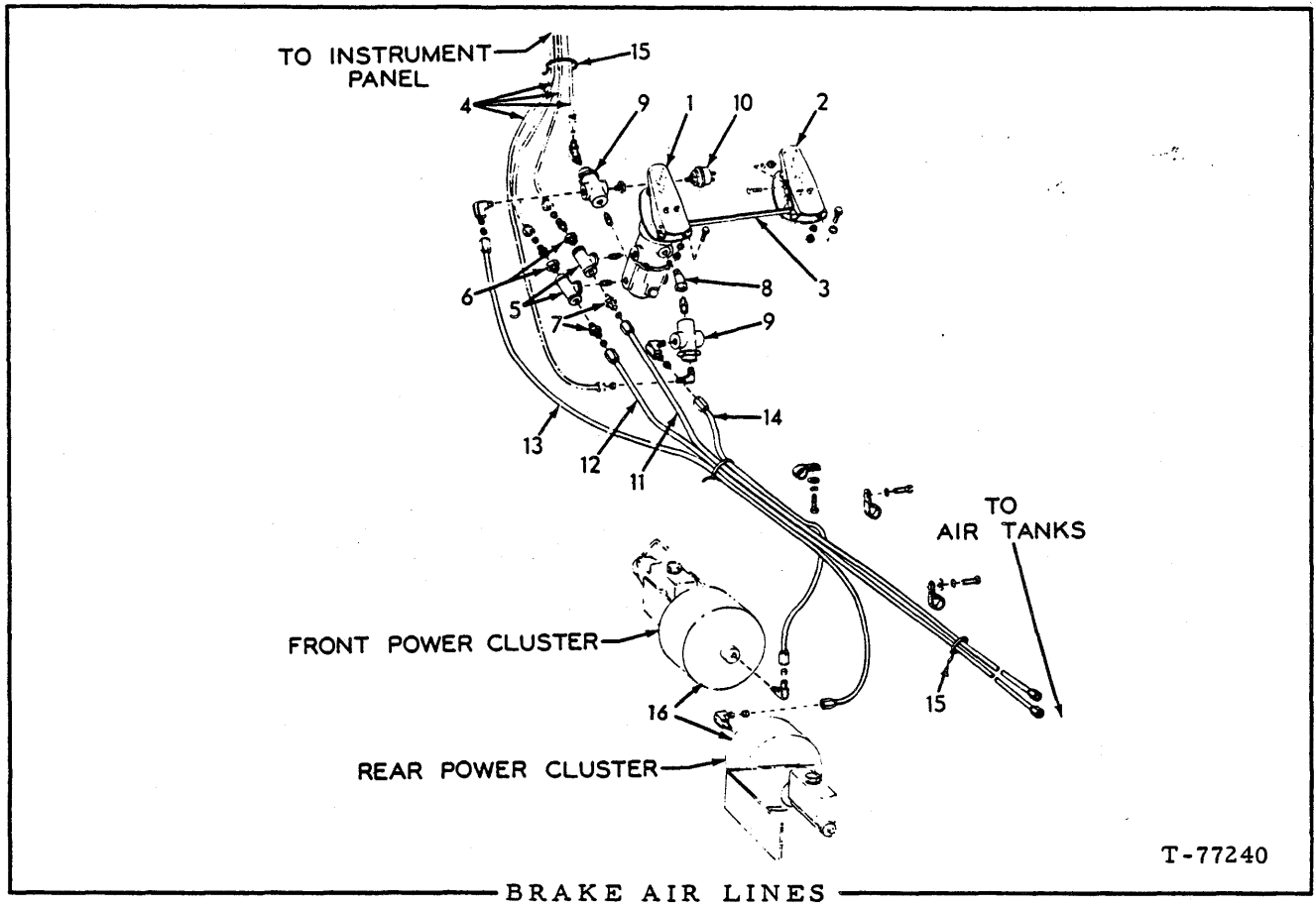
ITEM	PART NO.	QTY.		DESCRIPTION
		*	**	
1	-----	1	1	See AIR APPLICATION VALVE ASSY.
2	73048317	1	1	TREADLE
	70920622	3	3	CAPSCREW, 5/16"NF x 1"
	70904205	3	3	LOCKWASHER, 5/16"
	70910233	3	3	NUT, 5/16"NF
3	73048322	2	2	PIN
	70907801	2	2	PIN, cotter, 3/32" x 1-1/8"
4	73048320	1	1	FLANGE
5	73054055	1	1	PIPE
	70916381	4	4	CAPSCREW, 3/8"NF x 3/4"
	70904206	4	4	LOCKWASHER, 3/8"
	70911041	4	4	NUT, 3/8"
6	73054506	1	1	HOSE ASSY., valve to rear master cylinder (Crimped-type - serviced only as a unit)
	70186873	2	-	CLAMP
	70920806	1	-	FITTING, swivel, 3/8" hose, 9/16" str. thd.
	70920389	1	-	FITTING, male, socketless, 3/8" hose, 1/4"PT
	70901826	1	1	BUSHING, pipe, 3/8" x 1/4" (at Valve)
	70919136	1	1	ELBOW, male, 3/8" tube, 3/8"PT (at Power Cluster)

(Continued)

BRAKE AIR LINES (Second Type)(Continued)

ITEM	PART NO.	QTY. * **	DESCRIPTION
7	70925622	2 2	CLAMP
	70923114	1 1	CAPSCREW, cd. pltd., 1/2"NC x 1"
	70904208	2 2	LOCKWASHER, 1/2"
	70916951	2 2	NUT, cd. pltd., 1/2"NC
8	70925094	- -	CLIP (Use as req'd)
9	74254589	1 1	CLAMP
	70904208	1 1	LOCKWASHER, 1/2"
	70916951	1 1	NUT, cd. pltd., 1/2"NC
10	73054505	1 1	HOSE ASSY., valve to front end of tank (Crimped-type - serviced only as a unit)
	70186873	2 -	CLAMP
	70920806	1 -	FITTING, swivel, 3/8" hose, 9/16" str. thd.
	70920389	1 -	FITTING, male, socketless, 3/8" hose, 1/4"PT
	70901723	1 1	ELBOW, street, 90°, 3/8"PT
11	-----	2 2	TEE
	-----	2 2	CONNECTOR
	-----	2 2	NIPPLE
12	-----	1 1	TANK
13	73054507	1 1	HOSE ASSY., valve to rear end of air tank (Crimped-type - serviced only as a unit)
	70186873	2 2	CLAMP
	70920806	1 1	FITTING, swivel, 3/8" hose, 9/16" str. thd.
	70920389	1 1	FITTING, male, socketless, 3/8" hose, 1/4"PT
	70901723	1 1	ELBOW, street, 90°, 3/8"PT
14	-----	1 1	(See REAR POWER CLUSTER)
15	-----	1 1	SWITCH, stop light (See ELECTRICAL SYSTEM)
16	-----	1 1	(See FRONT POWER CLUSTER - second type)
17	73054506	1 1	HOSE ASSY., valve to front master cylinder (Crimped-type - serviced only as a unit)
	70186873	2 2	CLAMP
	70920806	1 1	FITTING, swivel, 3/8" hose, 9/16" str. thd.
	70920389	1 1	FITTING, male, socketless, 3/8" hose, 1/4"PT
	70901826	1 1	BUSHING, pipe, 3/8" x 1/4" (at Valve)
18	70901704	1 1	TEE, pipe, 3/8"PT
	70901489	1 1	NIPPLE, pipe, 3/8" x 1"
	70919172	1 1	CONNECTOR, male, 3/8" tube, 3/8"PT
	70901826	1 1	BUSHING, pipe, 3/8" x 1/4"
19	70920388	- -	HOSE, low pressure, 3/8" I. D. x 25 ft. long (Use as req'd)

} See AIR TANKS AND LINES



T-77240

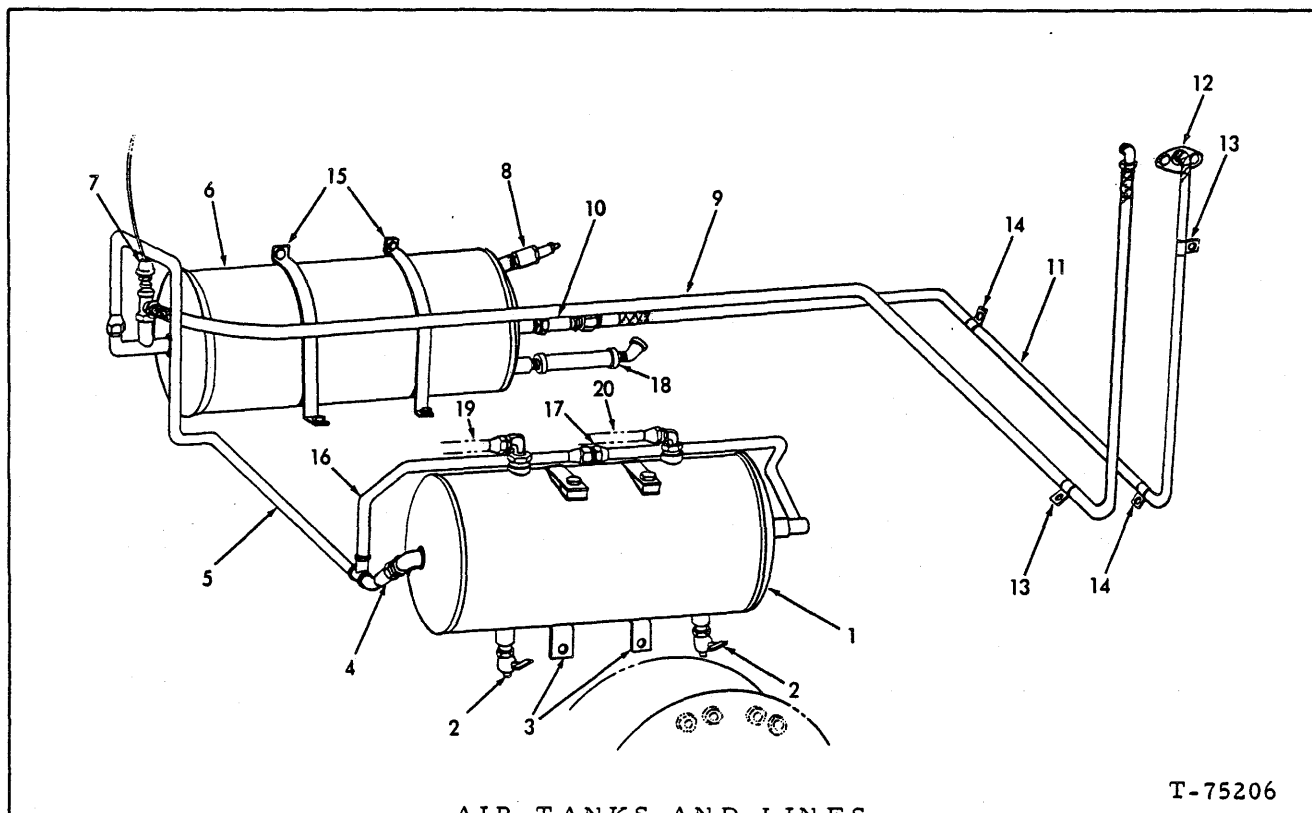
USAGE: Effective with loader serial no. 96M02604, 23C02604

ITEM	PART NO.	QTY.	DESCRIPTION
1	-----	1	VALVE ASSY., (See AIR APPLICATION VALVE ASSY.)
	70911170	3	CAPSCREW, 5/16" NF x 1-1/2"
	70904205	3	LOCKWASHER, 5/16"
	70910233	3	NUT, 5/16" NF
	70918951	4	PLUG, 3/8" NPT.
2	73047506	1	TREADLE ASSY., (Includes items 1, 3, and 6 on page 219)
	70911170	3	CAPSCREW, 5/16" NF x 1-1/2"
	70904205	3	LOCKWASHER, 5/16"
	70910335	3	WASHER, plain, 5/16"
	70910233	3	NUT, 5/16" NF
3	73054055	1	BAR
	70916271	4	CAPSCREW, 3/8" NC x 1"
	70910287	4	LOCKWASHER, 3/8"
	70910324	4	NUT, 3/8" NC
4	-----	-	LINES TO EMERGENCY CONTROL (See EMERGENCY BRAKE CONTROL GROUP)
5	70929233	2	TEE, 3/8" NPT.
	70917368	2	NIPPLE, 3/8" x 1" NPT.
	70901835	1	BUSHING, 1/2" to 3/8"
6	70917351	2	BUSHING, 3/8" x 1/4" tube, 1/4" NPT.
	70919497	2	CONNECTOR, 1/4" tube, 1/4" NPT.

(Continued)

BRAKE AIR LINES (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
7	70917354	2	CONNECTOR, 1/2" tube, 3/8" NPT.
8	70929234	1	ELBOW, 3/8" pipe, male - female
	70928861	1	NIPPLE, 3/8" x 1-1/2"
9	73058282	2	VALVE, check
	70921185	2	ELBOW, 1/4" tube, 1/4" NPT.
	70917370	2	ELBOW, 1/2" tube, 3/8" NPT.
	70917368	1	NIPPLE, 3/8" x 1" NPT.
10	73031667	1	SWITCH
	70917351	1	BUSHING, 3/8" x 1/4" NPT.
11	73059067	1	TUBE ASSY.
	70928927	1	CLAMP
	70910287	1	LOCKWASHER, 3/8"
	70916271	1	CAPSCREW, 3/8" NC x 1"
12	73059066	1	TUBE ASSY.
13	73057983	1	TUBE ASSY.
	70928623	2	CLAMP
	70916271	2	CAPSCREW, 3/8" x 1"
	70910287	2	LOCKWASHER, 3/8"
	70911115	2	WASHER, plain, 3/8"
	70917370	1	ELBOW, 1/2" tube, 3/8" NPT.
14	73058289	1	TUBE ASSY.
	70917370	1	ELBOW, 1/2" tube, 3/8" NPT.
15	70925094	7	CLIP
16	-----	2	POWER CLUSTER, (See FRONT AND REAR POWER CLUSTER)



AIR TANKS AND LINES

T-75206

USAGE: Prior to Loader serial No. 1717 (See page 208 for serial number 1003)

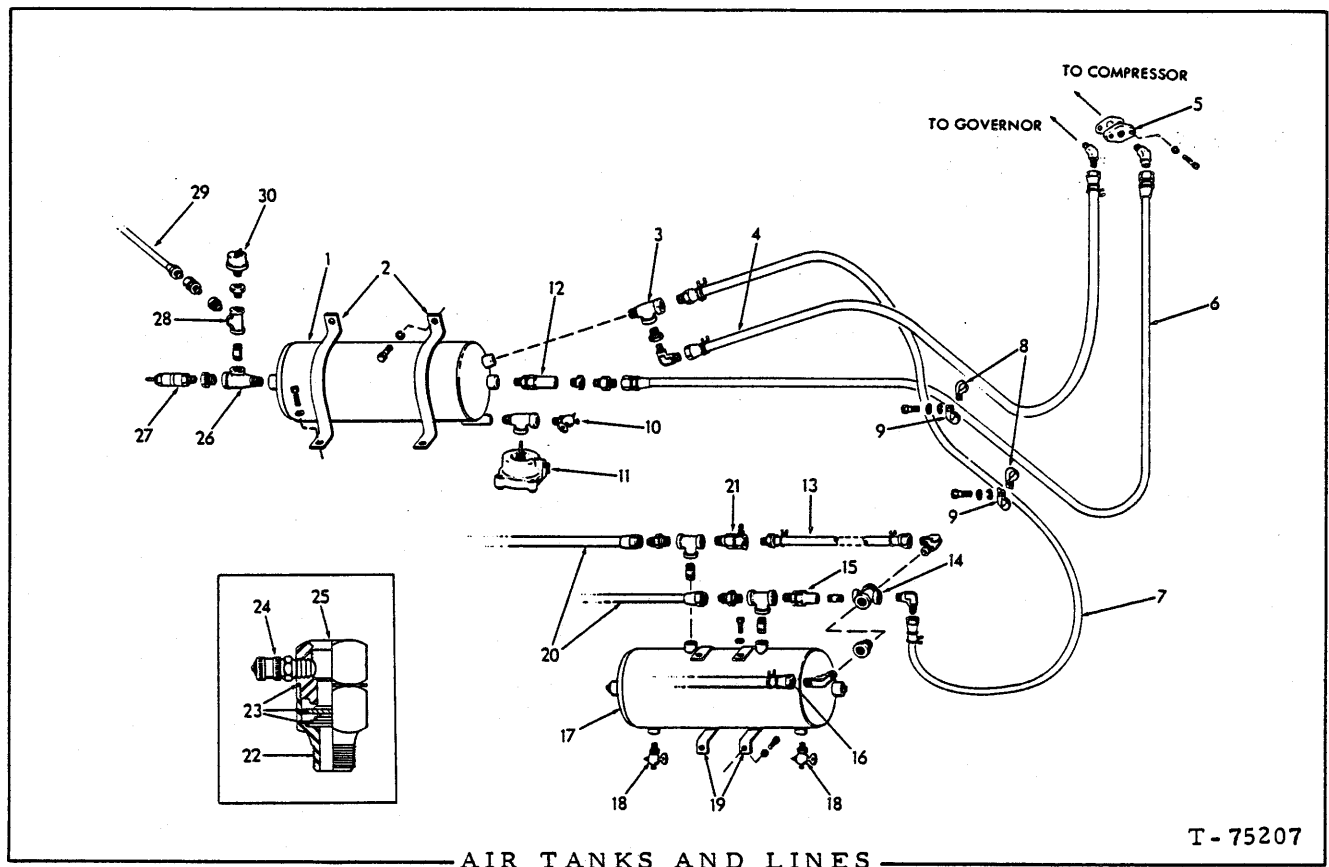
ITEM	PART NO.	QTY.	DESCRIPTION
1	73046822	1	TANK
	70901724	2	ELBOW, street, 90°, 1/2"NPT
2	73029259	2	COCK, drain, 1/4"
3	73047421	2	STRAP
	70916270	2	CAPSCREW, 3/8"NC x 1/2"
	70923683	2	CAPSCREW, 3/8"NC x 3/4" (Self-tapping)
	70904206	4	LOCKWASHER, 3/8"
4	73031609	2	VALVE
	70915493	2	ELBOW, street, 45°, 1/2"NPT
	70914087	1	TEE, service, 1/2"NPT
5	73047216	1	TUBE, dual tank to wet tank
	70904271	1	BUSHING, reducing, 1/2" to 3/8"
	70917354	1	CONNECTOR, flare type, 1/2" tube, 3/8"NPT
	70912793	2	SLEEVE, compression type, 1/2"
	70921189	2	NUT, compression type, 1/2"
	70917370	1	ELBOW, 90°, flare type, 1/2" tube, 3/8"NPT
	70913257	1	TEE, service, 3/8"NPT
6	73046823	1	TANK
7	-----	1	SWITCH, air pressure (See ELECTRICAL SYSTEM)
	70901838	1	BUSHING, reducing, 3/8" to 1/8"
	70901715	1	TEE, cross, 3/8"NPT
	70901489	1	NIPPLE, close, 3/8"NPT x 1"
8	70160425	1	VALVE
	70901839	1	BUSHING, reducing, 1/2" to 1/4"

(Continued)

AIR TANKS AND LINES (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
9	73047219	1	HOSE ASSY., governor to tank (Crimped-type) (Serviced only as a unit)
	70901838	1	BUSHING, reducing, 3/8" to 1/8"
	70914626	1	CONNECTOR, flare type, 1/4" tube, 1/8"NPT
	70911435	1	SLEEVE, compression, 1/4"
	70911437	1	NUT, compression, 1/4"
10	73031609	1	VALVE
	70901839	1	BUSHING, reducing, 1/2" to 1/4"
	70924816	1	CONNECTOR, flare type, 1/2" tube, 1/4"NPT
11	73047218	1	HOSE ASSY., compressor to tank (Crimped-type) (Serviced only as a unit)
12	73029930	1	ADAPTER
	70914392	2	CAPSCREW, 5/16"NC x 1"
	70904205	2	LOCKWASHER, 5/16"
13	73006816	3	CLIP
	70916309	1	CAPSCREW, 1/2"NC x 3/4"
	70904208	1	LOCKWASHER, 1/2"
	70915480	2	CAPSCREW, 3/8"NF x 1-3/4"
	70904206	2	LOCKWASHER, 3/8"
14	73018302	2	CLIP
	70916309	2	CAPSCREW, 1/2"NC x 3/4"
	70904208	2	LOCKWASHER, 3/8"
15	73047423	2	STRAP
	70916381	2	CAPSCREW, 3/8"NF x 3/4"
	70916270	2	CAPSCREW, 3/8"NC x 1/2"
	70904206	4	LOCKWASHER, 3/8"
16	73047387	1	TUBE
	70921579	1	ELBOW, compression type, 5/8" tube, 1/2"NPT
	70919535	2	SLEEVE, compression, 5/8" tube
	70921590	2	NUT, compression, 5/8" tube
	70922299	1	CONNECTOR, compression 5/8" tube, 1/2"NPT
17	73047388	1	TUBE
	70921587	1	UNION, compression, 1/2"
	70919535	2	SLEEVE, compression, 1/2"
	70921590	2	NUT, compression, 1/2"
18	-----	1	VALVE ASSY., drain
19	-----	1	TUBE
20	-----	1	TUBE

} See
BRAKE
AIR LINES



USAGE: Used with loader serial No. 1717 thru 96M02603 including 1003 and prior to loader S/N 23C02604.

ITEM	PART NO.	QTY.	DESCRIPTION
1	73046823	1	TANK
2	73047423	2	STRAP
	70916381	2	CAPSCREW, 3/8"NF x 3/4"
	70916270	2	CAPSCREW, 3/8"NC x 1/2"
	70904206	4	LOCKWASHER, 3/8"
3	70914087	1	TEE, service, 1/2"PT
	70904269	1	BUSHING, pipe, 1/2" x 1/8"
	70919173	1	ELBOW, 1/4" tube, 1/8"PT
4	73054515	1	HOSE ASSY., tank to governor (Crimped type - serviced only as a unit)
	70179966	2	CLAMP
	70920805	2	FITTING, hose, swivel, 1/4" hose, 7/16" str. thd.
	70910161	1	ELBOW, male, 1/4" tube, 1/8"PT (at Governor)
5	73029930	1	ADAPTER
	74040302	1	GASKET
	70923325	2	CAPSCREW, cd., pltd., 5/16"NC x 7/8"
	70917356	2	LOCKWASHER, pltd., 5/16"
6	73047218	1	HOSE ASSY., compressor to tank (Serviced on as a unit)
	70921186	1	ELBOW, male, 1/2" tube, 1/2"PT (at Compressor)

(Continued)

AIR TANKS AND LINES (Continued)

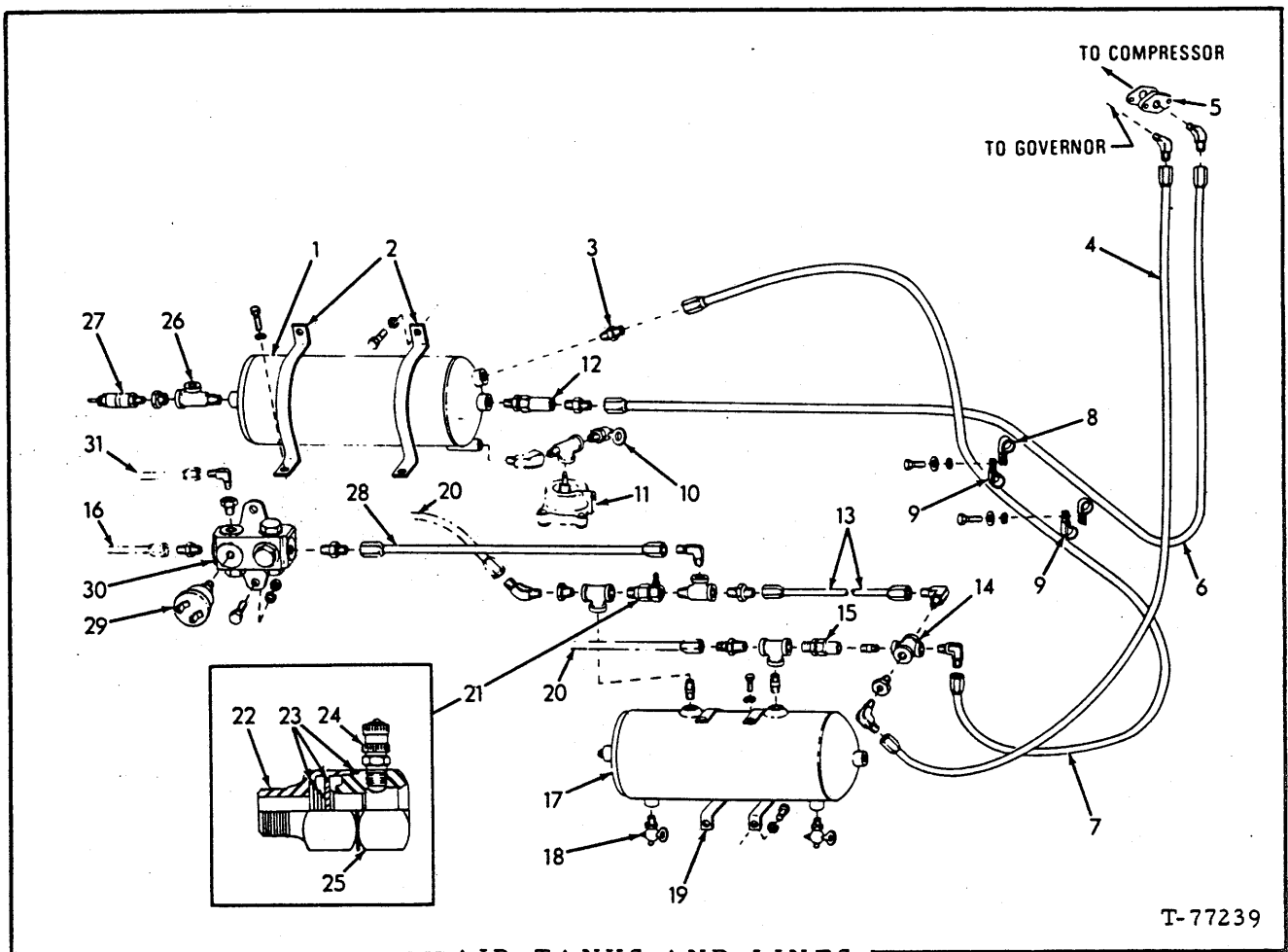
ITEM	PART NO.	QTY.	DESCRIPTION
7	73054516	1	HOSE ASSY., cross-over (Crimped type - serviced only as a unit)
	74255149	2	CLAMP
	70920807	1	FITTING, swivel, 1/2" hose, 3/4" str. thd.
	70925239	1	FITTING, male, 1/2" hose, 1/2"PT
	70919195	1	ELBOW, male, 1/2" tube, 1/2"PT (at Pipe Cross)
8	70928623	2	CLAMP
9	70925617	2	CLAMP
	70916270	2	CAPSCREW, 3/8"NC x 1/2"
	70900817	2	WASHER, plain, U. S. std., 3/8"
	70904206	2	LOCKWASHER, 3/8"
10	73029259	1	COCK, drain, 1/4"
	70913938	1	TEE, service, 1/4"PT
	70922967	1	ELBOW, 45°, street (Effective with loader serial No. 96M02229)
11	-----	1	VALVE ASSY., (See DRAIN VALVE)
12	73031609	1	VALVE ASSY., check
	70901839	1	BUSHING, pipe, 1/2" x 1/4"
	70924816	1	CONNECTOR, male, 1/2" tube, 1/4"PT
13	73054517	1	HOSE ASSY., tee to tee (Crimped type - serviced only as a unit)
	74255149	2	CLAMP, hose
	70920807	1	FITTING, swivel, 1/2" hose, 3/4" str. thd.
	70925239	1	FITTING, male, 1/2" hose, 1/2"PT
	70919195	1	ELBOW, male, 1/2" tube, 1/2"PT (at Pipe Cross)
14	70901716	1	CROSS, pipe, 1/2"
	70901839	1	BUSHING, pipe, 1/2" x 1/4"
	70919546	1	ELBOW, male, 1/4" tube, 1/4"PT
15	73031609	1	VALVE ASSY., check
	70916630	1	NIPPLE, pipe, 1/2" x 1-1/8"
16	-----	1	HOSE (See AIR HORN AND LINES)
17	73046822	1	TANK
	70914086	2	NIPPLE, pipe, 3/8" x 1"
	70921903	2	TEE, pipe, reducing, 1/2" x 1/2" x 3/8"
	70919127	2	CONNECTOR, 3/8" tube, 1/2"PT
18	73029259	2	COCK, drain, 1/4"
19	73047421	2	STRAP
	70915408	2	CAPSCREW, 3/8"NC x 3/4"
	70923683	2	CAPSCREW, 3/8"NC x 3/4"
	70904206	2	LOCKWASHER, 3/8"
20	-----	2	HOSE (See BRAKE AIR LINES)
21	70196735	1	VALVE ASSY., check (Includes items 22 thru 25)
22	-----	1	BODY, check valve (Not serviced separately - order item 21)
23	70196759	1	REPAIR KIT (Includes Spring, Seal Assy. and Washer)

(Continued)

AIR TANKS AND LINES (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
24	70166222	1	VALVE ASSY.
25	-----	1	CAP, end (Not serviced separately - order item 21)
26	70913257	1	TEE, service, 3/8"PT
	70901826	1	BUSHING, pipe, 3/8" x 1/4"
	70901489	1	NIPPLE, pipe, 3/8" x 1"
27	70160425	1	VALVE ASSY., safety (Serviced only as a unit)
28	70901704	1	TEE, pipe, 3/8"
	70925161	1	CONNECTOR
	70901838	1	BUSHING, pipe, 3/8" x 1/8"
29	-----	1	HOSE, to Air Pressure Gauge (See INSTRUMENT PANEL AND GAUGES)
30	-----	1	SWITCH, air pressure (See ELECTRICAL SYSTEM)
31	70920720	-	HOSE, low pressure, 1/4" I. D. x 25 ft. long
32	70920721	-	HOSE, low pressure, 1/2" I. D. x 25 ft. long

} use as req'd



AIR TANKS AND LINES

T-77239

USAGE: Effective with loader serial no. 23C02604 , 96M02604

ITEM	PART NO.	QTY.	DESCRIPTION
1	73046823	1	TANK
2	73047423	2	STRAP
	70916381	2	CAPSCREW, 3/8" NF x 3/4"
	70915408	2	CAPSCREW, 3/8" NC x 3/4"
	70904206	2	LOCKWASHER, 3/8"
	70911115	4	WASHER, plain, 3/8"
3	70921184	1	CONNECTOR, 1/2" tube, 1/2" NPT.
4	73059069	1	TUBE
	70911017	1	ELBOW, male, 1/4" tube, 1/8" NPT.
5	73029930	1	ADAPTER
	74040302	1	GASKET
	70915813	2	CAPSCREW, 5/16" NC x 7/8"
	70904205	2	LOCKWASHER, 5/16"
6	73047218	1	HOSE ASSY. (Serviced only as a unit)
	70921186	1	ELBOW, male 1/2" tube, 1/2" NPT (At Compressor)

(Continued)

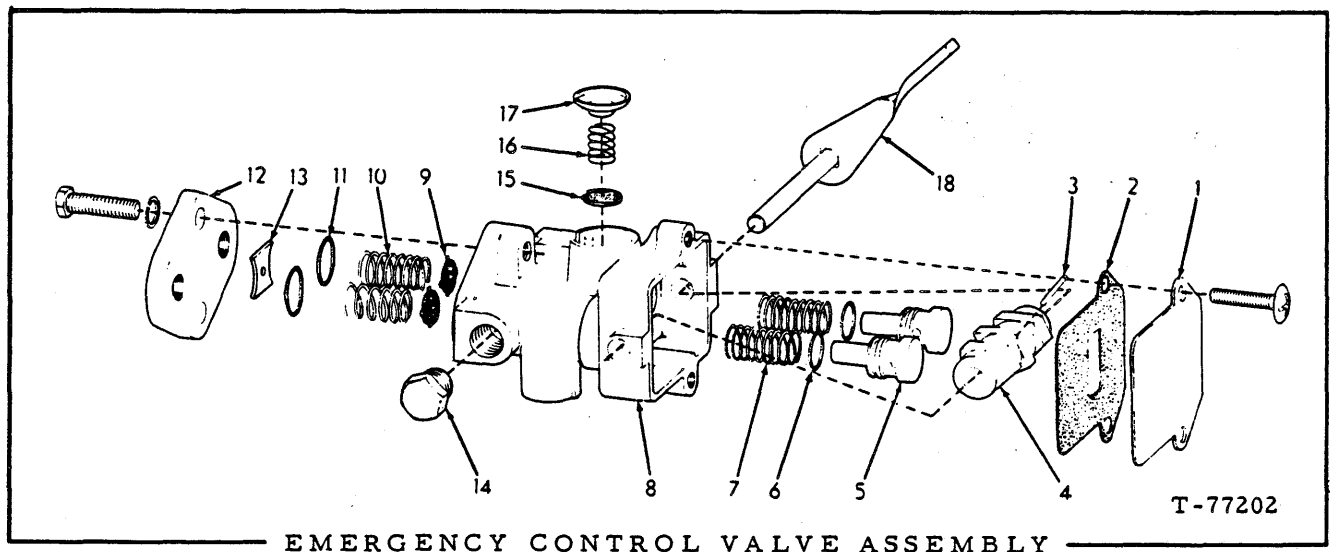
AIR TANKS AND LINES (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
7	73059065	1	TUBE ASSY.
	70921186	1	ELBOW, male, 1/2" tube, 1/2" NPT (At Pipe Cross)
8	70928632	2	CLAMP (745-H ONLY)
9	70925617	2	CLAMP (745 - Order Qty. 4)
	70915408	4	CAPSCREW, 3/8" NC x 3/4"
	70904206	4	LOCKWASHER, 3/8"
10	73029259	1	COCK, drain, 1/4"
	70921104	1	TEE, service, 1/4" NPT
	70922967	1	ELBOW, street, 45°
11	-----	1	VALVE ASSY. (See AIR TANK DRAIN VALVE)
12	73031609	1	VALVE ASSY.
	70921184	1	CONNECTOR 1/2" tube, 1/2" NPT
13	73059064	1	TUBE ASSY.
	70921186	1	ELBOW, male, 1/2" tube, 1/2" NPT. (At Pipe Cross)
	70921184	1	CONNECTOR, 1/2" tube, 1/2" NPT.
14	70901716	1	CROSS, pipe, 1/2"
	70917503	1	BUSHING, pipe 1/2" x 1/4"
	70921185	1	ELBOW, male, 1/4" tube, 1/4" NPT.
15	73031609	1	VALVE ASSY.
	70916630	1	NIPPLE, pipe, 1/2" x 1-1/8"
16	-----	1	TUBE (See AIR HORN AND LINES)
17	73046822	1	TANK
	70914086	2	NIPPLE, pipe, 3/8" x 1"
	70921903	2	TEE, pipe, reducing 1/2" x 1/2" x 3/8"
	70921184	1	CONNECTOR, 3/8" tube, 1/2" NPT.
	70901835	1	BUSHING, 1/2" to 3/8"
	70928624	1	ELBOW, 1/2" tube, 3/8" NPT.
18	73029259	2	COCK, drain, 1/4"
19	73047421	2	STRAP
	70915408	2	CAPSCREW, 3/8" NC x 3/4"
	70923683	2	CAPSCREW, 3/8" NC x 3/4"
	70911115	2	WASHER, plain, 3/8"
	70904206	2	LOCKWASHER, 3/8"
20	-----	2	TUBE (See BRAKE AIR LINES)
21	70196735	1	VALVE ASSY. (Includes items 22 thru 25)
	70914087	1	TEE, 1/2"
	70921186	1	ELBOW, 1/2" tube x 1/2" NPT.
22	-----	1	BODY (Not serviced separately, order item 21)
23	70196759	1	REPAIR KIT (Includes Spring, Seal Assy. and Washer)
24	70166222	1	VALVE ASSY.
25	-----	1	CAP (Not serviced separately, order item 21)

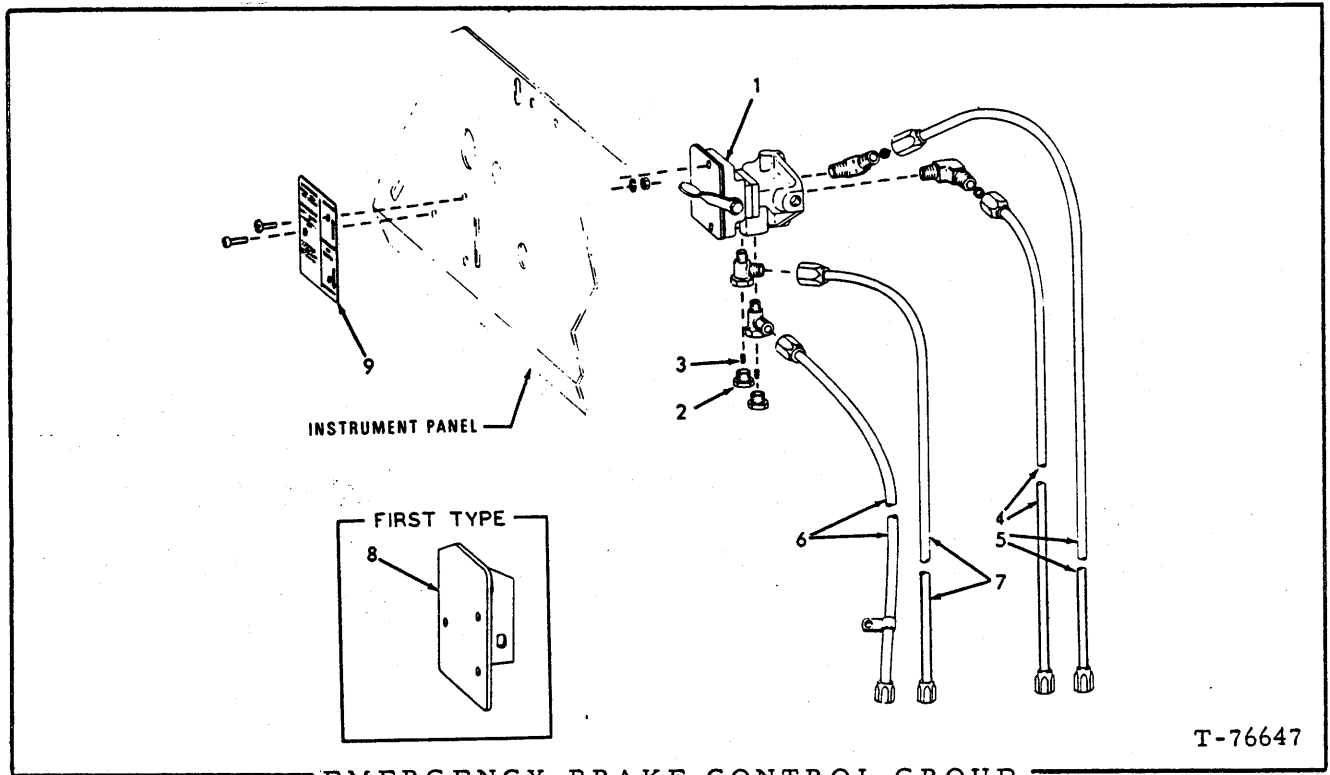
(Continued)

AIR TANKS AND LINES (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
26	70913257	1	TEE, service, 3/8" NPT
	70917351	1	BUSHING, pipe, 3/8" to 1/4" NPT.
	70917352	1	BUSHING, 3/8" to 1/8"
27	70160425	1	VALVE ASSY. (Serviced only as a unit).
28	73057997	1	TUBE
	70917350	1	CONNECTOR
29	73062007	1	SWITCH
30	73057492	1	JUNCTION, air, block
	70916285	2	CAPSCREW, 1/4" NC x 1"
	70904204	2	LOCKWASHER, 1/4"
	70910880	2	NUT, 1/4" NC
	70917425	4	PLUG, pipe, 1/4" NPT.
31	-----	-	TUBE (See INSTRUMENT PANEL AND GAUGES)



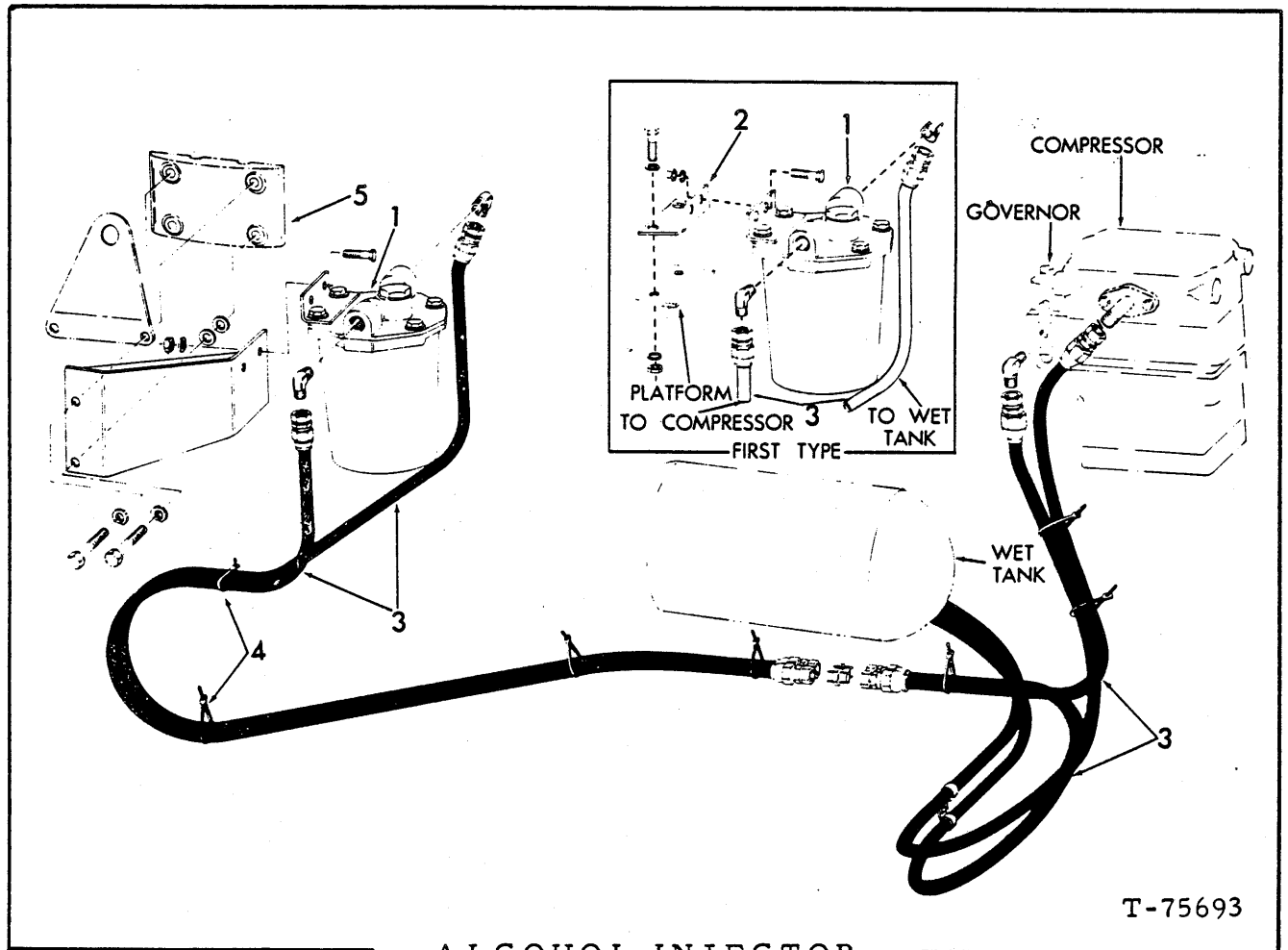
ITEM	PART NO.	QTY.	DESCRIPTION
-	7 3058327		VALVE ASSY. , emergency control, (Includes item 1 thru 18)
1	7 3059408	1	PLATE, cover
	7 3059409	2	SCREW, rd. head # 10
2	7 3059407	1	GASKET
3	7 3059403	1	PIN, spiral
4	7 3059401	1	CAM
5	7 3033340	2	PLUNGER
6	7 0923559	2	O-RING
7	7 3033342	2	SPRING
8	-----	1	BODY (Order complete assembly)
9	7 3033337	2	VALVE
10	7 3033336	2	SPRING
11	7 0923376	2	O-RING
12	7 3059406	1	PLATE
	7 0916019	2	CAPSCREW, 1/4" NC x 3/4"
	7 0917209	2	LOCKWASHER, 1/4"
13	-----	1	SPACER (Order complete assembly)
14	7 0919134	1	PLUG, 1/8" NPT
15	7 3059410	1	DIAPHRAGM
16	7 3059411	1	SPRING
17	7 3059412	1	RETAINER
18	-----	1	LEVER ASSY. , (Order complete assembly)



EMERGENCY BRAKE CONTROL GROUP
(Instrument Panel Mounted)

USAGE: Effective with loader serial no. 96M02604

ITEM	PART NO.	QTY.	DESCRIPTION
1	73058327	1	VALVE ASSY., (Serviced only as a unit)
	70911017	2	ELBOW, compression, 1/4" tube, 1/8" NPT. male
	70917027	2	TEE, compression 1/2" tube, 1/8" tapered.
2	73058882	2	PLUG ASSY., (Includes item 3)
3	73058912	2	FILTER
4	73059071	1	TUBE ASSY., 45" long (Serviced only as an assembly).
5	73059072	1	TUBE ASSY., 47-1/2" long (Serviced only as an assembly).
6	73059070	1	TUBE ASSY., 41-3/4" long (Serviced only as an assembly).
7	73059073	1	TUBE ASSY., 56-1/2" long (Serviced only as an assembly).
8	73057545	1	PLATE, valve mounting (First Type)
9	73057633	1	PLATE
	70917415	1	NUT, #10.
	70925369	1	SCREW, rd. hd. #10 x 5/8"
	70917365	1	LOCKWASHER, #10.

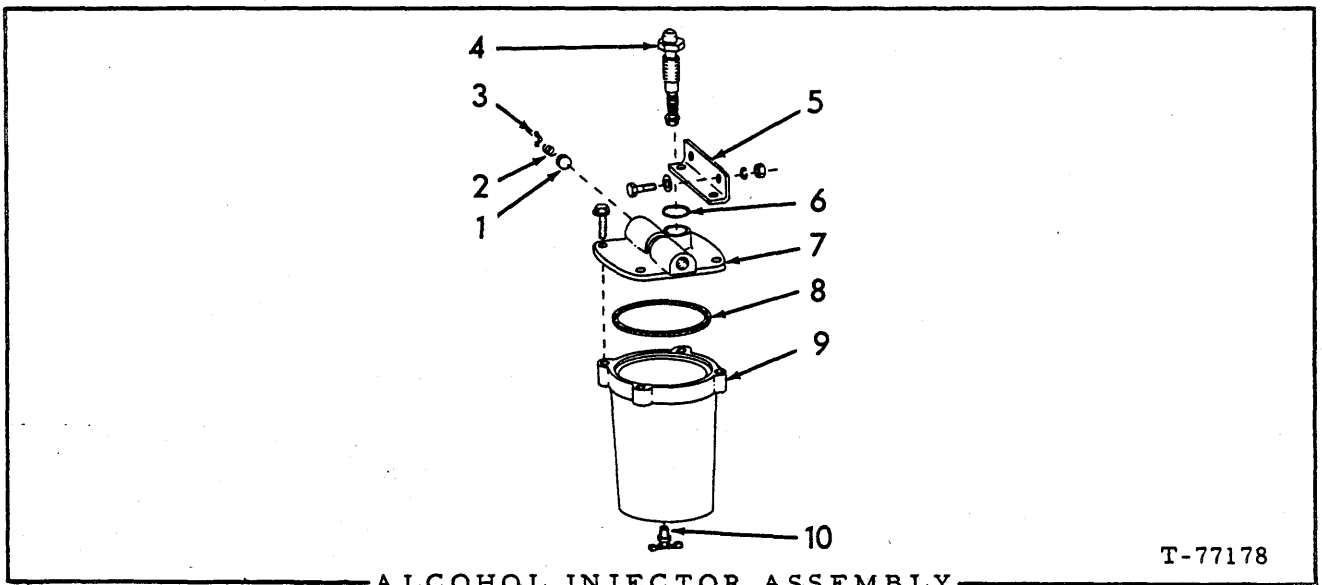


ALCOHOL INJECTOR

USAGE: Special Equipment

NOTE: If Heavy Duty Oil Filter is to be used simultaneously with Alcohol Injector item 5 must be used.

ITEM	PART NO.	QTY.	DESCRIPTION
1	-----	1	INJECTOR ASSY. (See page 217)
	70916271	2	CAPSCREW, 3/8" NC x 1"
	70904206	2	LOCKWASHER, 3/8"
	70910324	2	NUT, 3/8" NC
2	73058063	1	BRACKET (First Type)
	70916313	2	CAPSCREW, 1/2" NC x 1-3/4"
	70926192	2	WASHER, 1/2"
	70915972	2	NUT, 1/2" NC
3	73050295	4	HOSE ASSY., 55" long (Serviced only as a unit)
	70921186	2	ELBOW, 1/2" tube, compression
	70919503	2	UNION, 1/2" tube, compression
4	70925094	10	CLIP (Use as required)
	73059765	1	BRACKET, weld assy.
5	70916191	2	CAPSCREW, 7/16" NC x 1-1/2" } Existing hardware
	70904207	2	LOCKWASHER, 7/16" } at cylinder head
	70912298	2	WASHER, shim, 7/16"

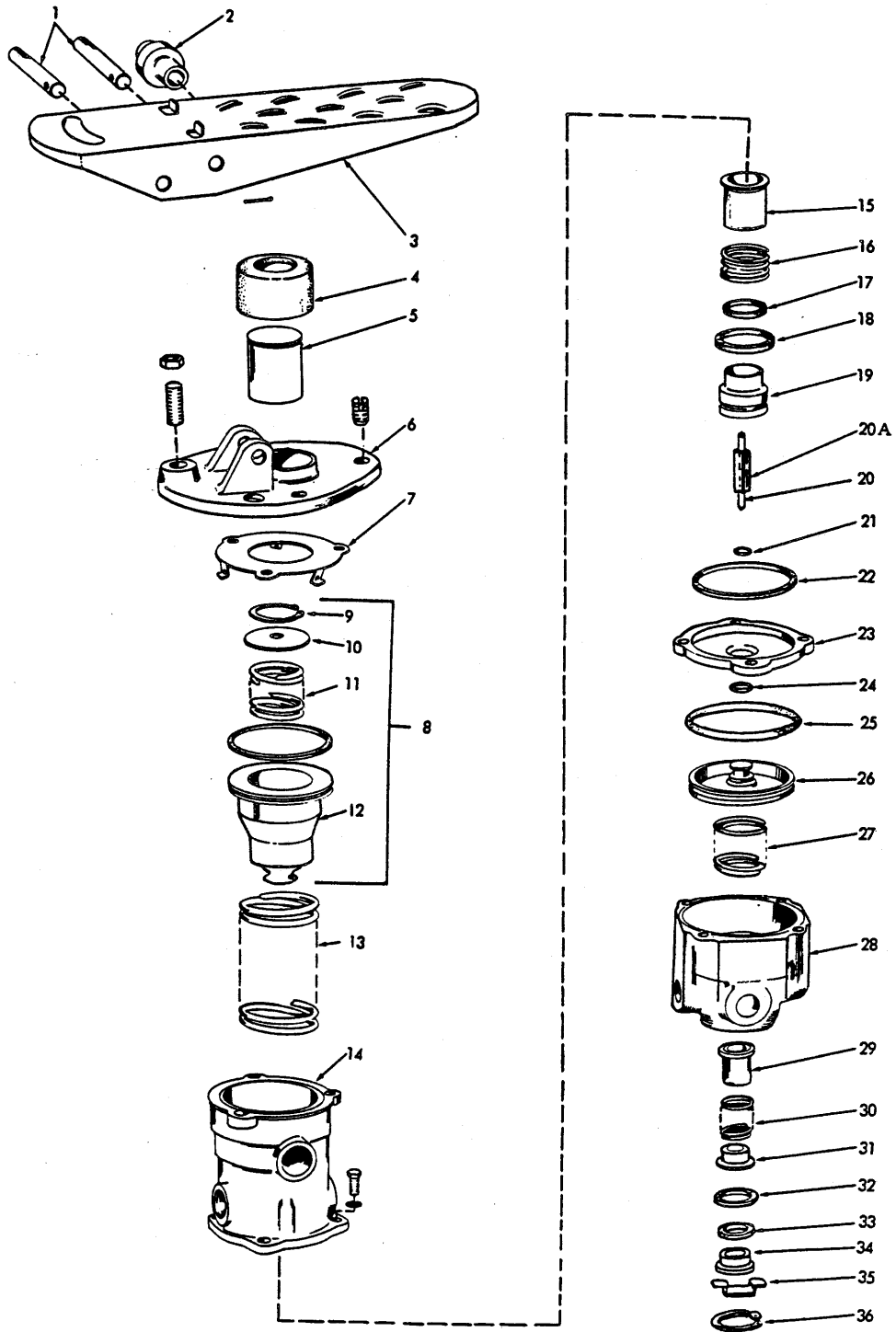


T-77178

ALCOHOL INJECTOR ASSEMBLY

USAGE: Special equipment

ITEM	PART NO.	QTY.	DESCRIPTION
-	73059030	1	INJECTOR ASSY. (Includes items 1 thru 10) (See ALCOHOL INJECTOR)
1	-----	1	VALVE, (Order REPAIR KIT)
2	-----	1	SPRING, (Order REPAIR KIT)
3	-----	1	RETAINER, (Order REPAIR KIT)
4	73059055	1	VALVE,
5	73048748	1	BRACKET,
	70916272	2	CAPSCREW, 3/8" NC x 1-1/4"
	70900817	2	WASHER, plain, U.S. std., 3/8"
	70904206	2	LOCKWASHER, 3/8"
	70910324	2	NUT, 3/8" NC
6	-----	1	SEAL, (small) (Order REPAIR KIT)
7	73059054	1	COVER ASSY.
	70927477	4	SCREW, self-tapping, 5/16"
8	-----	1	SEAL, (large) (Order REPAIR KIT)
9	73048741	1	RESERVOIR
10	70915514	1	DRAIN COCK.
-	73048750	-	REPAIR KIT (Includes items 1, 2, 3, 6, and 8)



AIR APPLICATION VALVE ASSEMBLY

T-73101

(Revised November 1979)

AIR APPLICATION VALVE ASSEMBLY

USAGE: * First Type
 ** Second Type

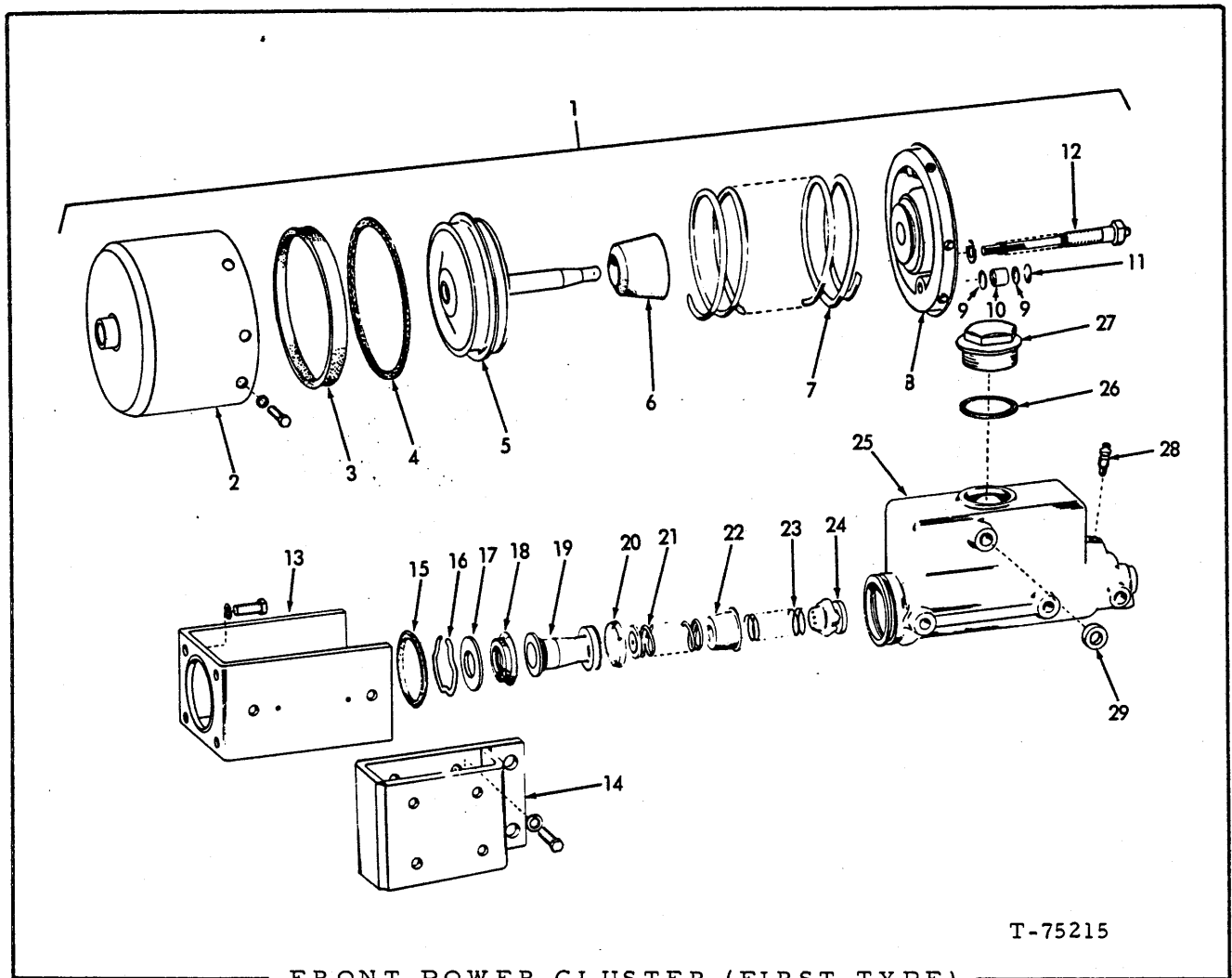
NOTE: See page 204

ITEM	PART NO.	QTY.	DESCRIPTION
		* *	
-	-----	1 -	VALVE ASSY. (For field replacement, order 1 VALVE ASSY. 73063694 and 1 BUSHING 70901835)
	73063694	- 1	VALVE ASSY. (Includes items 1 thru 36)
1	73048322	2 2	PIN, pivot
2	73048319	1 1	ROLLER
3	73048317	1 1	TREADLE
	70907801	2 2	PIN, cotter, 3/32" x 1-1/8"
4	73048318	1 1	BOOT
5	73048321	1 1	PLUNGER
6	73048320	1 1	FLANGE
	70922463	1 1	SCREW, set, slotted, 1/4" NC x 1-1/4"
	70911327	1 1	NUT, 1/4" NC
	70916523	3 -	SCREW, machine, flat hd., 5/16"
	70929548	- 3	SCREW, machine, flat hd., 5/16" NC x 7/8"
6A	-----	1 -	VALVE ASSY. (Order VALVE ASSY. 73063682)
	73063682	- 1	VALVE ASSY. (Includes items 7 thru 36)
7	73048338	1 1	RETAINER
8	73048340	1 1	PISTON ASSY. (Includes items 9 thru 12)
9	73048386	1 1	RING, snap
10	73048387	1 -	RETAINER
	73048338	- 1	RETAINER
11	73048388	1 1	SPRING
12	73048389	1 -	PISTON, primary metering
	-----	- 1	PISTON, primary metering (Order Maintenance Kit 73063684)
	70923580	1 1	O-RING
13	73048342	1 1	SPRING
14	-----	1 1	BODY (Order Item 6A)
	70919351	4 4	CAPSCREW, 1/4" NC x 7/8"
	70904204	4 4	LOCKWASHER, 1/4"
15	73048344	1 1	VALVE
16	73048345	1 1	SPRING

(Continued)

AIR APPLICATION VALVE ASSEMBLY (Continued)

ITEM	PART NO.	QTY. * **	DESCRIPTION
17	{ 73048347	1 -	PACKING
	{ 70931135	- 1	PACKING
18	70926804	1 1	SEAL
19	73048346	1 1	GUIDE
20	73053758	1 1	ROD
20A	73053759	1 1	GUIDE
21	70923944	1 1	O-RING
22	70926805	1 1	SEAL
23	{ 73048349	1 -	COVER
	{ -----	- 1	COVER (Order VALVE ASSY 73063682)
24	70923558	1 1	O-RING, secondary piston (small)
25	{ 70923852	1 -	O-RING, secondary piston (large)
	{ 70931189	- 1	O-RING, secondary piston (large)
26	{ 73048373	1 -	PISTON, secondary metering
	{ -----	- 1	PISTON, (Order Maintenance Kit 73063684)
27	73048376	1 1	SPRING
28	{ 73048384	1 -	BODY
	{ -----	- 1	BODY (Order VALVE ASSY 73063682)
29	{ 73048383	1 -	VALVE, secondary inlet
	{ -----	- 1	VALVE (Order Seal Kit 73063683)
30	{ 73048382	1 -	SPRING
	{ 73063690	- 1	SPRING
31	{ 73048381	1 -	GUIDE
	{ -----	- 1	GUIDE (Order Maintenance Kit 73063684)
32	{ 70926803	1 -	SEAL
	{ 70923376	- 1	SEAL
33	{ 73048379	1 -	RETAINER
	{ 70931134	- 1	SEAL, tetra
34	{ 73048378	1 -	RETAINER
	{ -----	- 1	RETAINER (Order Maintenance Kit 73063684)
35	{ 73048377	1 -	SHIELD, exhaust
	{ -----	- 1	SHIELD, exhaust (Order Maintenance Kit 73063684)
36	{ 73048375	1 -	RING, snap
	{ 70931133	- 1	RING, snap
-	{ 73048402	1 -	REPAIR KIT, valve (Includes items 4, 15, 17, 18, 21, 22, 24, 25, 29, 32, 33, and 1 O-RING 70923580)
	{ 73063683	- 1	SEAL KIT (Includes items 4, 15, 17, 18, 21, 22, 24, 25, 29, 32, 33, 36 and 1 O-RING 70923580)
	{ 73063684	- 1	MAINTENANCE KIT (Includes items 12, 13, 16, 19, 20, 20A, 26, 27, 30, 31 34 and 35)



FRONT POWER CLUSTER (FIRST TYPE)

USAGE: Used prior to Loader s/n 1717. See BRAKE AIR LINES

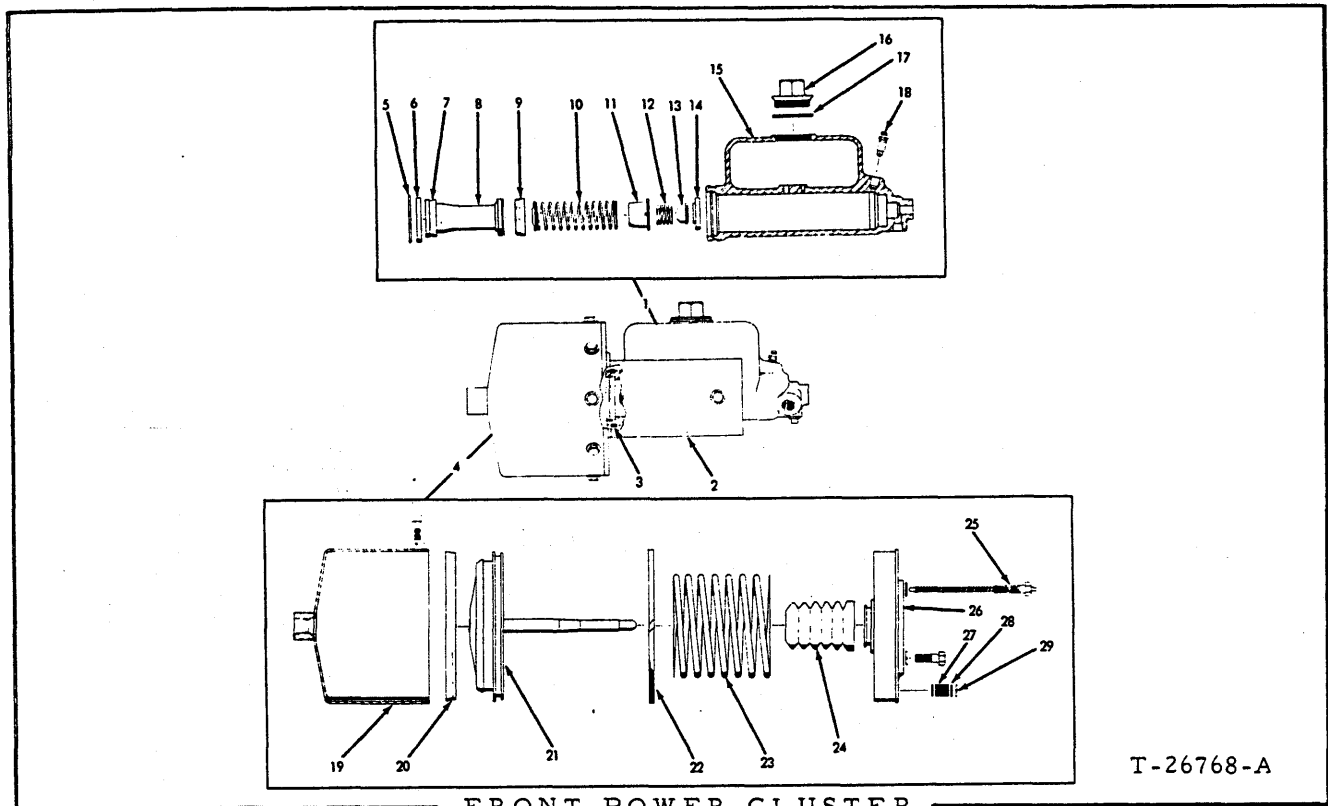
ITEM	PART NO.	QTY.	DESCRIPTION
-	73046820	1	CLUSTER ASSY., 7" (Includes items 1 thru 29)
	70916269	4	CAPSCREW, 3/8" NC x 7/8" } cluster to platform
	70904206	4	LOCKWASHER, 3/8" }
1	73048285	1	CYLINDER ASSY., brake, air actuated (Includes items 2 thru 12)
2	73048292	1	SHELL } Refer to item 30
3	73048293	1	CUP }
4	73048295	1	WIPER
5	73048294	1	ROD
6	73048296	1	BOOT, piston (Refer to item 30)
7	73048297	1	SPRING
8	73048298	1	HEAD ASSY. (Includes items 9 thru 11)
	70905661	8	CAPSCREW, 5/16" NC x 5/8"
	70904205	8	LOCKWASHER, 5/16"

(Continued)

FRONT POWER CLUSTER (FIRST TYPE) (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
9	73048299	2	SCREEN
10	73048300	1	FILTER
11	73048301	1	RETAINER
12	73048289	1	INDICATOR ASSY., stroke (serviced only as a unit)
	70910287	1	LOCKWASHER, 3/8"
13	73048287	1	BRACKET
	70916183	2	CAPSCREW, 7/16" NF x 7/8"
	70904207	2	LOCKWASHER, 7/16"
	70903630	3	CAPSCREW, 3/8" NC x 1"
	70910287	3	LOCKWASHER, 3/8"
14	73048286	1	BRACKET
	70912444	3	CAPSCREW, 7/16" NF x 7/8"
	70904207	3	LOCKWASHER, 7/16"
15	73048290	1	RING
16	73048302	1	WIRE
17	73048303	1	PLATE
18	73048306	1	CUP
19	73048304	1	PISTON ASSY. (Includes Piston and item 18)
20	73021871	1	CUP
21	73048308	1	SPRING
22	73048309	1	RETAINER
23	73048310	1	SPRING
24	73048311	1	VALVE ASSY., check (Includes seat - serviced only as a unit) (Refer to item 30)
25	73048291	1	CYLINDER ASSY., hydraulic (Includes HOUSING, items 16 thru 28 and PLUG indented below)
	-----	1	HOUSING (not serviced - order complete Cylinder Assy.)
	70901651	1	PLUG, drain
26	73048314	1	GASKET
27	73048313	1	PLUG
28	73013146	1	SCREW
29	73048288	2	SPACER
30	73048401	1	REPAIR KIT, (Includes items 2, 3, 6, 19, 20, and 24)

} Refer to item 30



T-26768-A

FRONT POWER CLUSTER

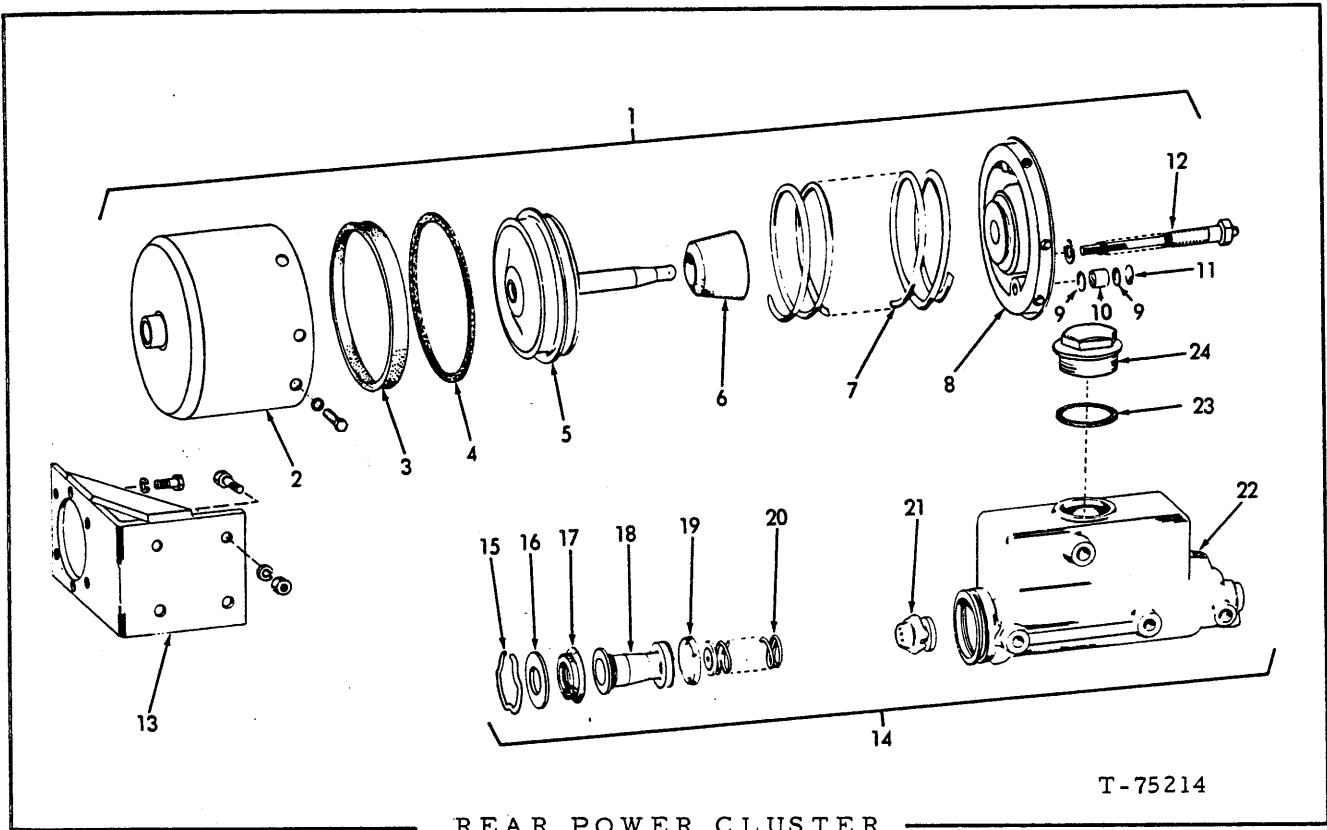
USAGE: Effective Loader s/n 1717 and up, 96M02050 and up. Used on front and rear effective loader s/n 23C02248. See BRAKE AIR LINES.

ITEM	PART NO.	QTY.	DESCRIPTION
-	73059676	1	POWER CLUSTER (front) (Includes items 1 thru 29)
1	73048291	1	CYLINDER ASSY. (Includes items 5 thru 18)
	70916395	3	CAPSCREW, 7/16" NF x 1-1/4"
	70904207	3	LOCKWASHER, 7/16"
	70926192	2	WASHER, plain
2	73048286	1	SUPPORT
	70920601	2	CAPSCREW, 7/16" NF x 7/8"
	70904207	2	LOCKWASHER, 7/16"
3	73048290	1	BAND
4	70183812	1	CYLINDER ASSY., air (Includes items 19 thru 29)
5	73048302	1	RING
6	73048303	1	STOP
7	73021873	1	CUP
8	73048304	1	PISTON ASSY. (Includes Protector and item 7)
9	73021871	1	CUP
10	70183824	1	SPRING ASSY., return (Includes Retainer - serviced only as a unit) (Replaces 73048308 SPRING ASSY.)
11	73048309	1	RETAINER
12	73048310	1	SPRING

(Continued)

FRONT POWER CLUSTER (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
13	73048311	1	VALVE ASSY., check (Includes item 14)
14	-----	1	SEAT, check valve (Order item 13)
15	-----	1	BODY, master cylinder (Not serviced - order item 1)
16	73065319	1	CAP ASSY., filler (Includes Baffle, serviced only as a unit) (Replaces 73048313 CAP ASSY.)
17	73048314	1	GASKET
18	70638413	1	SCREW
19	73048292	1	CYLINDER
	70916277	8	CAPSCREW, 5/16" NC x 5/8"
	70906959	8	LOCKWASHER, int. tooth, 5/16"
20	73048293	1	CUP ASSY., piston (Includes Spring, serviced only as a unit)
21	73048294	1	PISTON ASSY. (Includes Rod, serviced only as a unit)
22	73048295	1	FELT
23	73048297	1	SPRING
24	73048296	1	BOOT
25	73048289	1	INDICATOR ASSY. (Includes Rod and Spring, serviced only as a unit)
	70910287	1	LOCKWASHER, 3/8"
26	73048298	1	HEAD ASSY., cylinder (Includes items 27, 28, and 29)
	70916271	3	CAPSCREW, 3/8" NC x 1"
	70910287	3	LOCKWASHER, 3/8"
27	73048300	1	FILTER
28	73048299	2	SCREEN
29	73048301	1	WIRE
30	73048401	-	REPAIR KIT (Includes items 8, 9, 13, 20, 22, and 24)



REAR POWER CLUSTER

T-75214

USAGE: See BRAKE AIR LINES

Effective with loader s/n 1001 thru 1978 and 96M02050 and up.

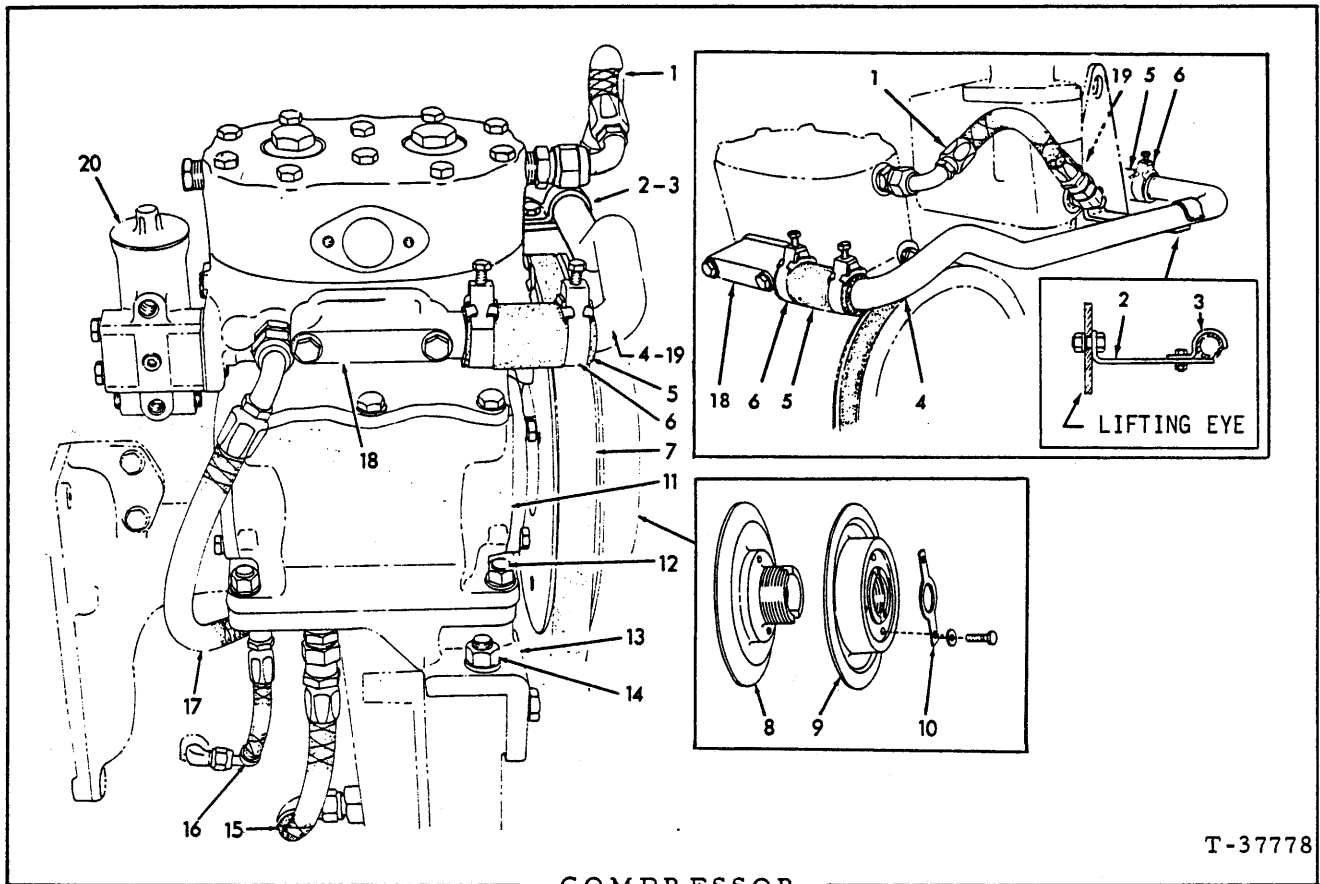
ITEM	PART NO.	QTY.	DESCRIPTION
-	73046821	1	CLUSTER ASSY., (6 inch) (Includes items 1 thru 24)
1	73048282	1	CYLINDER ASSY. (Includes items 2 thru 12)
2	73048392	1	SHELL
3	73048393	1	CUP
4	73048395	1	WIPER (refer to item 25)
5	73048394	1	ROD
6	73048396	1	BOOT (refer to item 25)
7	73048397	1	SPRING
8	73048398	1	HEAD ASSY. (Includes items 9 thru 11)
	70905661	8	CAPSCREW, 5/16" NC x 5/8"
	70904205	8	LOCKWASHER, 5/16"
	70901826	1	BUSHING, reducing, 3/8" NPT to 1/4" NPT
9	73048299	2	SCREEN
10	73048300	1	FILTER
11	73048301	1	RETAINER
12	73048399	1	INDICATOR ASSY., (Serviced only as a unit)
	70904206	1	LOCKWASHER, 3/8"

(Continued)

REAR POWER CLUSTER (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
13	73048284	1	BRACKET
	70914398	4	CAPSCREW, 3/8" NF x 1"
	70914847	2	CAPSCREW, 3/8" NC x 1-1/2"
	70910287	6	LOCKWASHER, 3/8"
	70910123	4	NUT, 3/8" NF
14	73048283	1	CYLINDER ASSY. (Includes items 15 thru 24)
15	73014314	1	WIRE
16	73013937	1	PLATE
17	73014312	1	CUP
18	73014311	1	PISTON ASSY. (Includes Piston and item 17)
19	73014310	1	CUP
20	73013940	1	SPRING
21	73014309	1	VALVE ASSY. , check (Includes Seat - serviced only as a unit) (refer to item 25)
22	-----	1	HOUSING (Not serviced separately - order item 14)
23	73006899	1	GASKET
24	73022440	1	PLUG
25	73048400	1	REPAIR KIT (Includes items 3, 4, 6, 18, 19, 21)

} Refer to item 25



T-37778

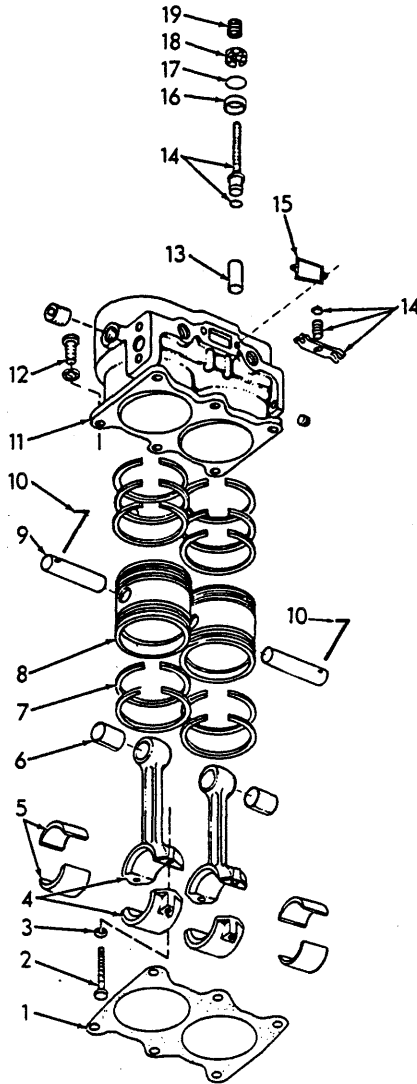
COMPRESSOR

ITEM	PART NO.	QTY.	DESCRIPTION	
1	74359714	1	HOSE ASSY. (See HOSE PARTS)(Used on engine serial no. 's 11-18875 thru 11-22556)	
	70919063	1	CONNECTOR, male, 1/2" tube, 3/8" tapered thread	
	70919206	1	ELBOW, male, 1/2" tube	
	74320921	1	TUBE (Effective with engine serial no. 11-22557)	
	70921339	1	CONNECTOR, male, Imperial Flex, 1/2" tube, 1/2" tpr. thd.	
	70920399	1	ELBOW, male, Imperial Flex, 1/2" tube, 3/8" tpr. thd.	
	70917808	2	SLEEVE, Imperial Flex, 1/2" tube	
	70917811	2	NUT, Imperial Flex, 1/2" tube	
	2	74336174	1	BRACKET (Used prior to engine serial no. 11-19998)
		74320617	1	BRACKET (Effective with engine serial no. 11-19998)
70915408		1	CAPSCREW, 3/8" NC x 3/4" (Effective with engine serial no. 11-19998)	
70904206		1	LOCKWASHER, 3/8" (Effective with engine serial no. 11-19998)	
70910324		1	NUT, 3/8" NC (Effective with engine serial no. 11-19998)	
3	74347724	1	CLAMP (2 halves)(Used prior to engine serial no. 11-19998)	
	70928740	1	CLAMP (Effective with engine serial no. 11-19998)	
	70915343	1	CAPSCREW, 1/4" NC x 5/8" (Used prior to engine s/n 11-19998)	
	70915809	1	CAPSCREW, 5/16" NC x 3/4" (Effective with engine serial no. 11-19998)	
	70904204	1	LOCKWASHER, 1/4" (Used prior to engine serial no. 11-19998)	
	70904205	1	LOCKWASHER, 5/16" (Effective with engine serial no. 11-19998)	
	70916622	1	NUT, 1/4" NC (Used prior to engine serial no. 11-19998)	
	70910323	1	NUT, 5/16" NC (Effective with engine serial no. 11-19998)	

(Continued)

COMPRESSOR (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
4	74338284	1	TUBE
5	74356232	2	HOSE, 1" I. D. x 2-3/4" long
6	70922660	4	CLAMP, 1-7/16"
7	74339458	1	BELT
8	74394939	1	PULLEY
9	74347681	1	PULLEY
	70900808	1	PIN, cotter, 1/8" x 1/4"
10	74346724	1	PLATE
	70910948	2	CAPSCREW, 3/8" NC x 2"
	70904206	2	LOCKWASHER, 3/8"
11	74358579	1	COMPRESSOR ASSY. (Less Governor)(See pages 229, 231 and 232)
	74347855	4	STUD, compressor mounting (first type)
12	70904207	4	LOCKWASHER, 7/16"
	70910986	4	NUT, 7/16" NF
	70920469	4	CAPSCREW, 7/16" NC x 1-3/8" (second type)
13	74347714	1	BRACKET
	70919230	2	CAPSCREW, 1/2" NC x 1-3/8"
	70916280	2	CAPSCREW, 1/2" NC x 2"
14	74347722	2	STUD, bracket mounting
	70917330	2	WASHER, plain, SAE std., 1/2"
	70904208	4	LOCKWASHER, 1/2"
	70919423	2	NUT, 1/2" NC
	74320656	1	HOSE ASSY. (Bracket to gear housing)(See page 9)(Used prior to engine serial no. 11-22557)
15	70921251	1	CONNECTOR, 1/2" tube, 1/2" tpr. thd.
	70901502	1	NIPPLE, pipe, 1/2" x 2"
	70919063	1	CONNECTOR, male, 1/2" tube, 3/8" tpr. thd. (First type)
	70919128	1	CONNECTOR, male, 1/2" tube, 1/2" NPT (Second type)
	74320924	1	TUBE (Effective with engine serial no. 11-22557)
	70920398	1	CONNECTOR, male, Imperial Flex, 1/2" tube, 3/8" tpr. thd.
	70921339	1	CONNECTOR, male, Imperial Flex, 1/2" tube, 1/2" tpr. thd.
	70917811	2	NUT, Imperial Flex, 1/2" tube
	70917808	2	SLEEVE, Imperial Flex, 1/2" tube
	74359751	1	HOSE ASSY. (See page 9) (Used on engine serial no. 's 11-18875 thru 11-22556)
16	70919767	1	ELBOW, male, 5/16" tube, 1/8" tpr. thd.
	70919766	1	CONNECTOR, male, 5/16" tube, 1/8" tpr. thd.
	74320922	1	TUBE ASSY. (Effective with engine serial no. 11-22557)
	-----	1	TUBE, oil feed, (Not Serviced Separately - order 74320922)
	-----	2	NUT, compression, 5/16" tube (Not Serviced Separately - order 74320922)
	70918802	2	SLEEVE, compression, 5/16" tube
	70919183	1	ELBOW, male, Imperial Flex, 5/16" tube, 1/8" tpr. thd.
	70921143	1	CONNECTOR, male, Imperial Flex, 5/16" tube, 1/8" tpr. thd.
	74359704	1	HOSE ASSY. (See page 9)(Used on engine serial no. 's 11-18875 thru 11-22556)
17	70919206	1	ELBOW, male, 1/2" tube, 3/8" tpr. thd.
	70919063	1	CONNECTOR, male, 1/2" tube, 3/8" tpr. thd.
	74320925	1	TUBE (Effective with engine serial no. 11-22556)
	70920399	2	ELBOW, male, Imperial Flex, 1/2" tube, 3/8" tpr. thd.
	70917808	2	SLEEVE, Imperial Flex, 1/2" tube
	70917811	2	NUT, Imperial Flex, 1/2" tube
18	74338174	1	ADAPTER
	70903774	2	CAPSCREW, 5/16" NC x 2"
	70917330	2	WASHER, plain, 5/16" (Copper)
19	74347921	1	ADAPTER
20	-----	1	GOVERNOR (See page 233)



COMPRESSOR CYLINDER BLOCK

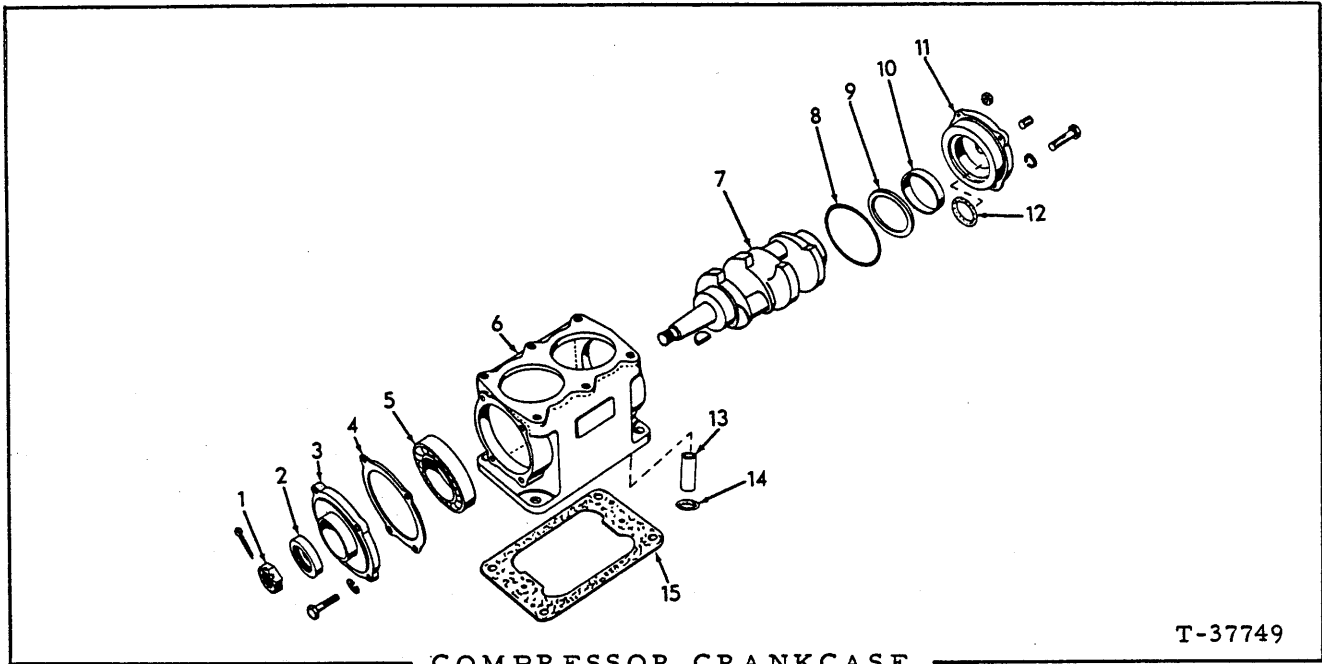
T-37751

ITEM	PART NO.	QTY.	DESCRIPTION
1	74040321	1	GASKET
2	74053356	4	BOLT
3	74053298	4	LOCKWASHER
4	74056425	2	ROD ASSEMBLY, connecting (Includes cap and items 2, 3 and 6)
5	74053595	4	BEARING
6	74056353	2	BUSHING
7	74052940	1	RING SET, piston (Includes ten compression rings)
8	74052939	2	PISTON ASSEMBLY (Includes item 9)

(Continued)

COMPRESSOR CYLINDER BLOCK (Continued)

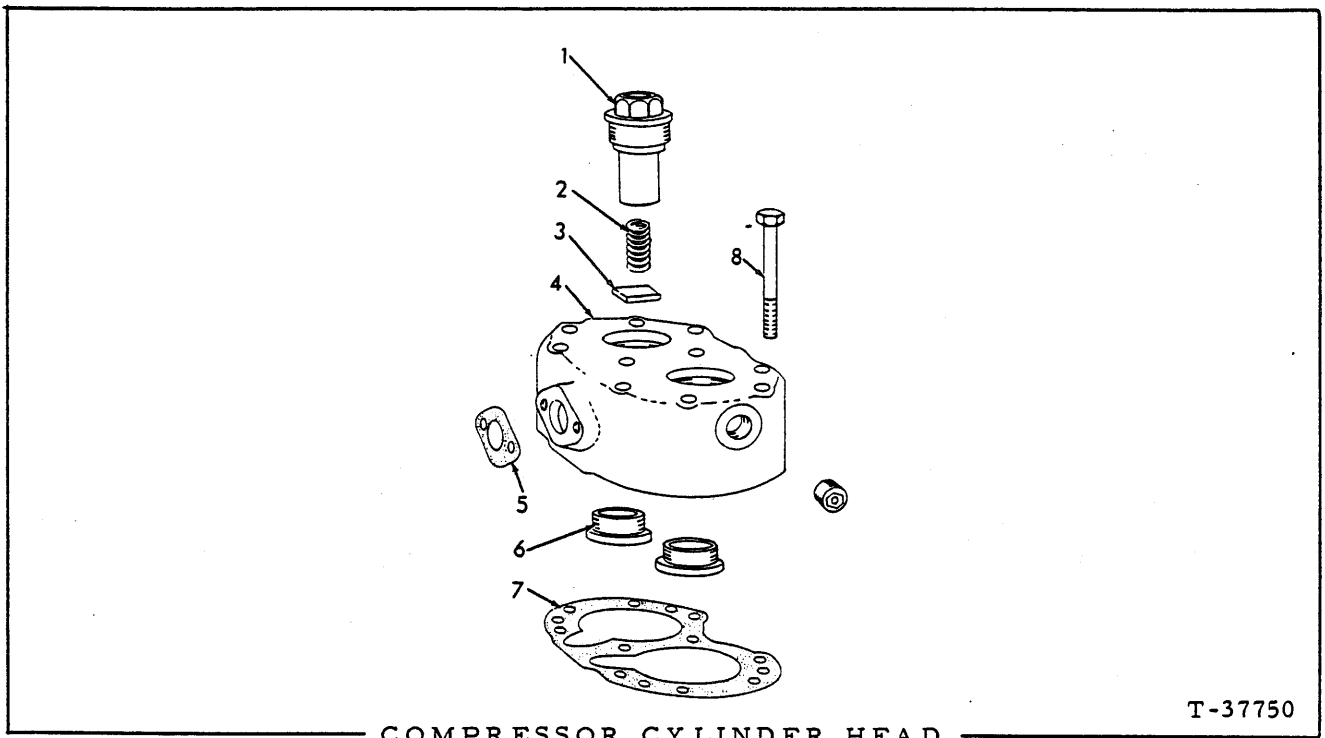
ITEM	PART NO.	QTY.	DESCRIPTION
9	74040339	2	PIN, wrist (std.)
	74054437	-	PIN, wrist (.005" oversize. Use as req'd)
10	74040340	2	WIRE
11	74050453	1	BLOCK ASSEMBLY, cylinder (Includes items 12 and 16)
	70918887	3	PLUG, pipe, ctsk., 3/8" NPT
	70901652	1	PLUG, pipe, 1/4" NPT
	70920333	1	PLUG, pipe, 3/8" NPT
12	74050462	6	CAPSCREW, cylinder block to crankcase
	70904206	6	LOCKWASHER, 3/8"
13	74050454	2	BUSHING, unloader bore (Std.)
	74054439	-	BUSHING, unloader bore (.006" oversize. Use as req'd)
14	74058899	1	VALVE KIT, unloader (Includes one spring saddle, one unloader spring, one spring seat, two unloader plungers, two unloader piston assembly, two guides (Not serviced separately) and 1 GASKET 74040341)
15	74040341	1	GASKET
16	74040330	2	SEAT
17	74040335	2	VALVE
18	74052124	2	GUIDE
19	74040336	2	SPRING



T-37749

COMPRESSOR CRANKCASE

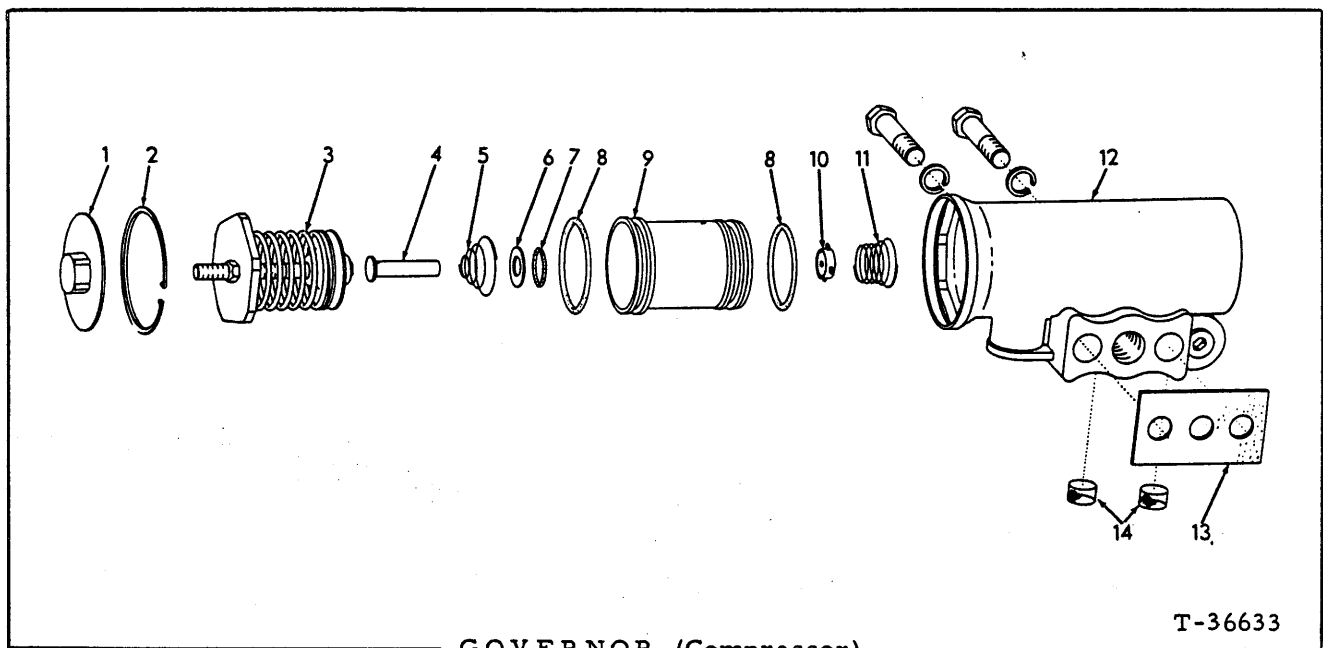
ITEM	PART NO.	QTY.	DESCRIPTION
1	70920403	1	NUT
	70904004	1	PIN, cotter, 1/8" x 2-1/2"
	70910545	1	KEY, hi-pro., 1/4" x 1"
2	74058886	1	SEAL
3	74040300	1	COVER
	74050464	4	CAPSCREW
	70904205	4	LOCKWASHER, 5/16"
4	74040323	1	GASKET
5	74254151	1	BEARING
6	74051038	1	CRANKCASE ASSY. (Includes item 13)
7	74058845	1	CRANKSHAFT
8	74055527	1	RING
9	74055528	1	WASHER
10	74055558	1	BEARING
	74055529	1	COVER (Includes item 10)
	74055557	4	CAPSCREW
	70904205	4	LOCKWASHER, 5/16"
	74040550	1	PLUG, pipe, socket hd.
11	70919134	1	PLUG, pipe, hex-hd., 1/8" NPT
12	74055556	1	O-RING
13	74047564	1	TUBE
14	74040539	1	GASKET
15	74040305	1	GASKET



COMPRESSOR CYLINDER HEAD

T-37750

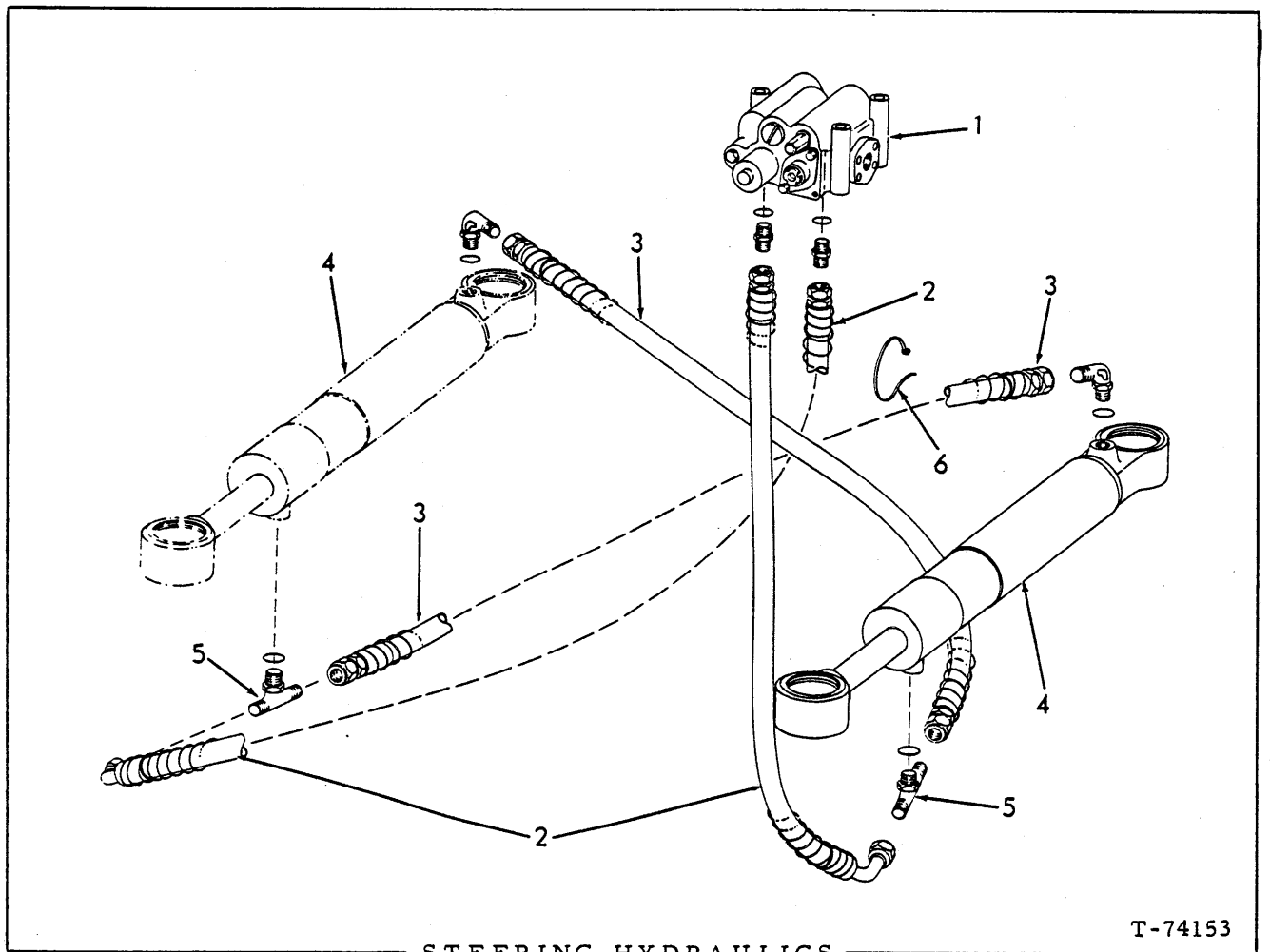
ITEM	PART NO.	QTY.	DESCRIPTION	
1	74040343	2	CAPNUT	
2	74040303	2	SPRING	
3	74040315	2	VALVE	
4	74040342	1	HEAD ASSY. (Includes 2 SEAT 74054434, 2 INSERT 74054435 and item 6) PLUG, pipe, 3/8" NPT	
	70920333	2		
	74054434	2		SEAT (Not illustrated)
	74054435	2		INSERT (Not illustrated)
5	74040302	1	GASKET	
6	74050467	2	SEAT	
7	74050466	1	GASKET	
8	74050468	10	CAPSCREW (Special)	



GOVERNOR (Compressor)

T-36633

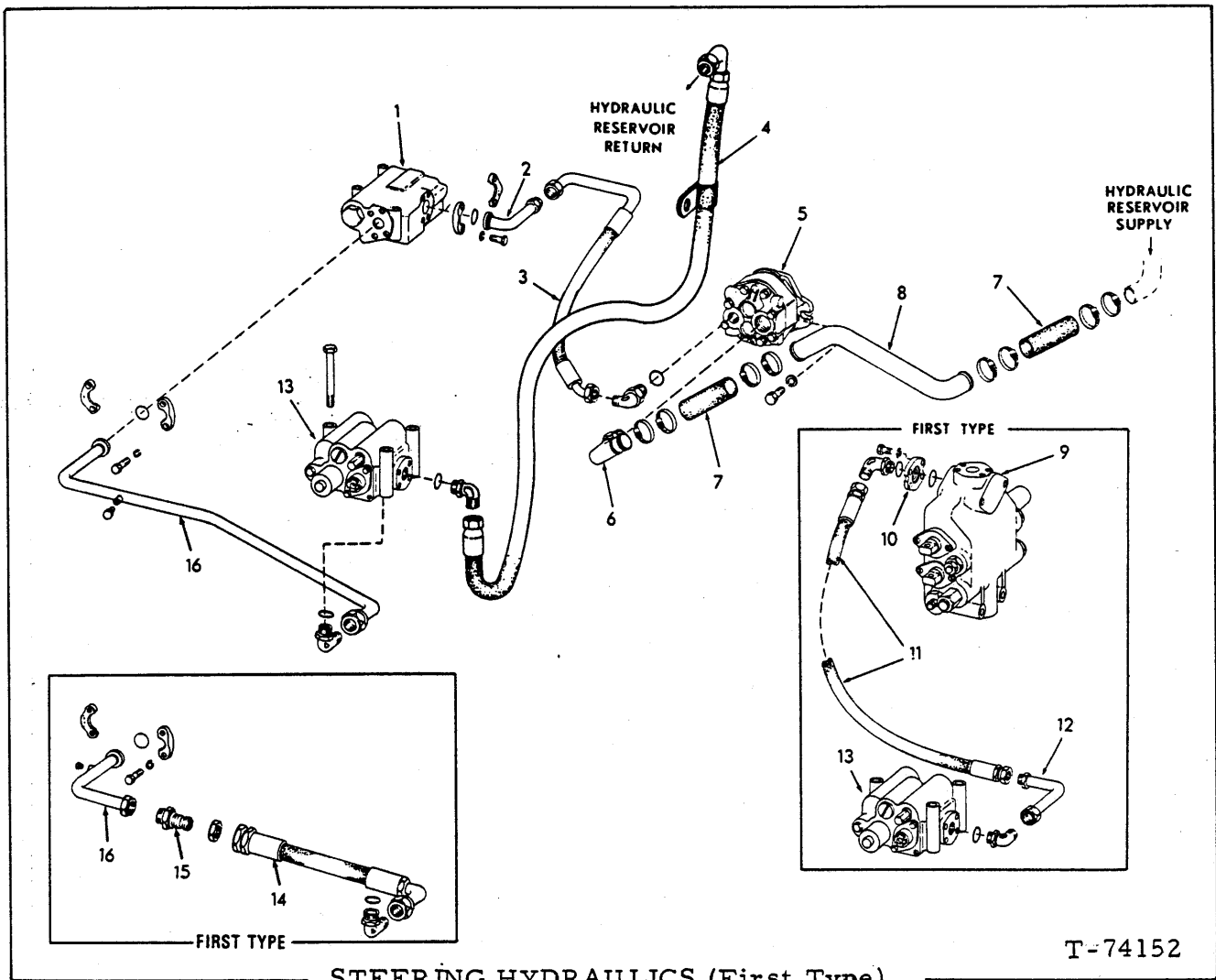
ITEM	PART NO.	QTY.	DESCRIPTION
-	74056278	1	GOVERNOR ASSY. (Includes items 1 thru 12 and 14)
	74055341	2	CAPSCREW (Special)
	70904205	2	LOCKWASHER, 5/16"
1	74055277	1	COVER
2	74056265	1	RING
3	74055276	1	SCREW AND SPRING ASSY. (Includes screws, nut, spring, guide and seats) (Serviced only as a unit)
4	74055278	1	STEM
5	74055279	1	SPRING
6	74055275	1	WASHER
7	74054151	1	GROMMET (Inner)
8	74055283	2	GROMMET (Outer)
9	74055274	1	PISTON ASSY. (Includes items 6 and 7)
10	74055273	1	VALVE
11	74055272	1	SPRING
12	74055281	1	BODY ASSY. (Includes item 14)
	70917673	3	PLUG, ctsk. -hd., 1/8" NPT
13	74040345	1	GASKET
14	74055282	2	FILTER



STEERING HYDRAULICS
(Cylinder Section)

T-74153

ITEM	PART NO.	QTY.	DESCRIPTION
1	-----	1	See STEERING VALVE ASSY.
2	73046772	2	HOSE ASSY. (See HOSE PARTS)
	70921217	2	CONNECTOR, flare type, 3/4" tube, 1-1/16" str. thd. (Includes O-RING 70921206) (At VALVE)
	70921206	2	O-RING, 3/4" tube, connector sealing
3	73046776	2	HOSE ASSY. (See HOSE PARTS)
	70921203	2	ELBOW, flare type, 3/4" tube, 1-1/16" str. thd. (Includes O-RING 70921206) (At Cylinder Base)
	70921206	2	O-RING, 3/4" tube, elbow sealing
4	-----	2	See STEERING CYLINDER ASSY.
5	70921318	2	TEE, flare type, 3/4" tube, 1-1/16" str. thd.
	70921206	2	O-RING, 3/4" tube
6	70198775	3	STRAP



USAGE: Prior to Loader S/N1716 except 1003, 1667 thru 1676; for Service Replacement Commercial Shearing Pump also see STEERING HYDRAULICS.

* Used prior to Loader S/N 1083 (See page 237 for Loader S/N 1003)
 ** Used Loader S/N 1083 thru 1715, except 1667 thru 1676

ITEM	PART NO.	QTY.	DESCRIPTION	
		* **		
1	-----	1	1	VALVE ASSY. (See pages 251 and 252)
2	73047554	1	1	TUBE ASSY., steering pump hose to demand valve
	70923718	1	1	O-RING, 1-5/16" I.D.
	70921116	2	2	FLANGE, split, #16
	70916271	4	4	CAPSCREW, 3/8" NC x 1"
	70910287	4	4	LOCKWASHER, 3/8"
3	73047557	1	1	HOSE ASSY., steering pump to demand valve tube (See HOSE PARTS)
	70922632	1	1	ELBOW, flare type, 3/4" tube 1-5/16" str. thd. (Includes O-RING indented below)
	70921214	1	1	O-RING, 1"

} Standard Equipment (For loaders with service-replacement Commercial Shearing Pump see STEERING HYDRAULICS-Second Type)

(Continued)

(Revised November 1979)

STEERING HYDRAULICS (First Type)(Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
		* **	
4	73050578	- 1	HOSE ASSY. (Original Equipment)(Order 73104969 HOSE, 70925622 CLAMP and 73105068 INSTRUCTION SHEET)
	73104969	- 1	HOSE ASSY., return (See HOSE PARTS)(Service re- placement)
	70925622	- 1	CLAMP
	70921227	- 1	ELBOW, flare type, 1" tube, 1-5/16" str. thd. (Includes O-RING)
	70921214	- 1	O-RING
5	-----	1 1	See STEERING PUMP ASSY. (First Type)
6	73048522	1 -	TUBE ASSY., pump supply (Not illustrated)
	73050524	- 1	TUBE ASSY., pump supply (Includes O-RING)
	70921235	1 1	O-RING, 1-1/4"
7	73035978	2 -	HOSE, 1-1/4" I.D. x 3"
	73006439	- 2	HOSE, 1-1/2" I.D. x 4-3/4"
	70921913	- 2	CLAMP, adjustable, 1-13/16" to 2-3/4"
8	73047338	1 -	TUBE ASSY.
	73050496	- 1	TUBE ASSY.
9	-----	1 1	VALVE ASSY., bucket control (See CONTROL VALVE)
10	73044217	1 -	COVER
	70923577	1 -	O-RING, 1-3/4" I.D.
	70915987	4 -	CAPSCREW, 1/2" NC x 1-1/2"
	70912441	4 -	LOCKWASHER, 1/2"
11	73046777	1 -	HOSE ASSY., return, steering valve tube to control valve (See HOSE PARTS)
	70921203	1 -	ELBOW, flare type, 3/4" tube, 1-1/16" str. thd. (Includes O-RING (Indented below))
	70921206	1 -	O-RING, 3/4"
12	73046767	1 -	TUBE ASSY., hose to steering valve
	70922632	1 -	ELBOW, flare type, 3/4" tube, 1-5/16" str. thd. (Includes O-RING indented below)
	70921214	1 -	O-RING, 1"
14	73046773	1 1	HOSE ASSY., supply, steering valve to tube (See HOSE PARTS)(Used prior to unit no. 02452)
	70921227	1 1	ELBOW, flare type, 1" tube, 1-5/16" str. thd. (Includes O-RING indented below)
	70921214	1 1	O-RING, 1"
15	70924851	1 1	FITTING, bulkhead, flare type, 1" tube, 1-5/16" str. thd. (Used prior to loader serial No. 02452)
	70919621	1 1	NUT, lock, 1-5/16" str. thd.

Standard Equip-
ment (Forloaders
with service-
replacement
Commercial
Shearing Pump -
See STEERING
HYDRAULICS -
Second Type

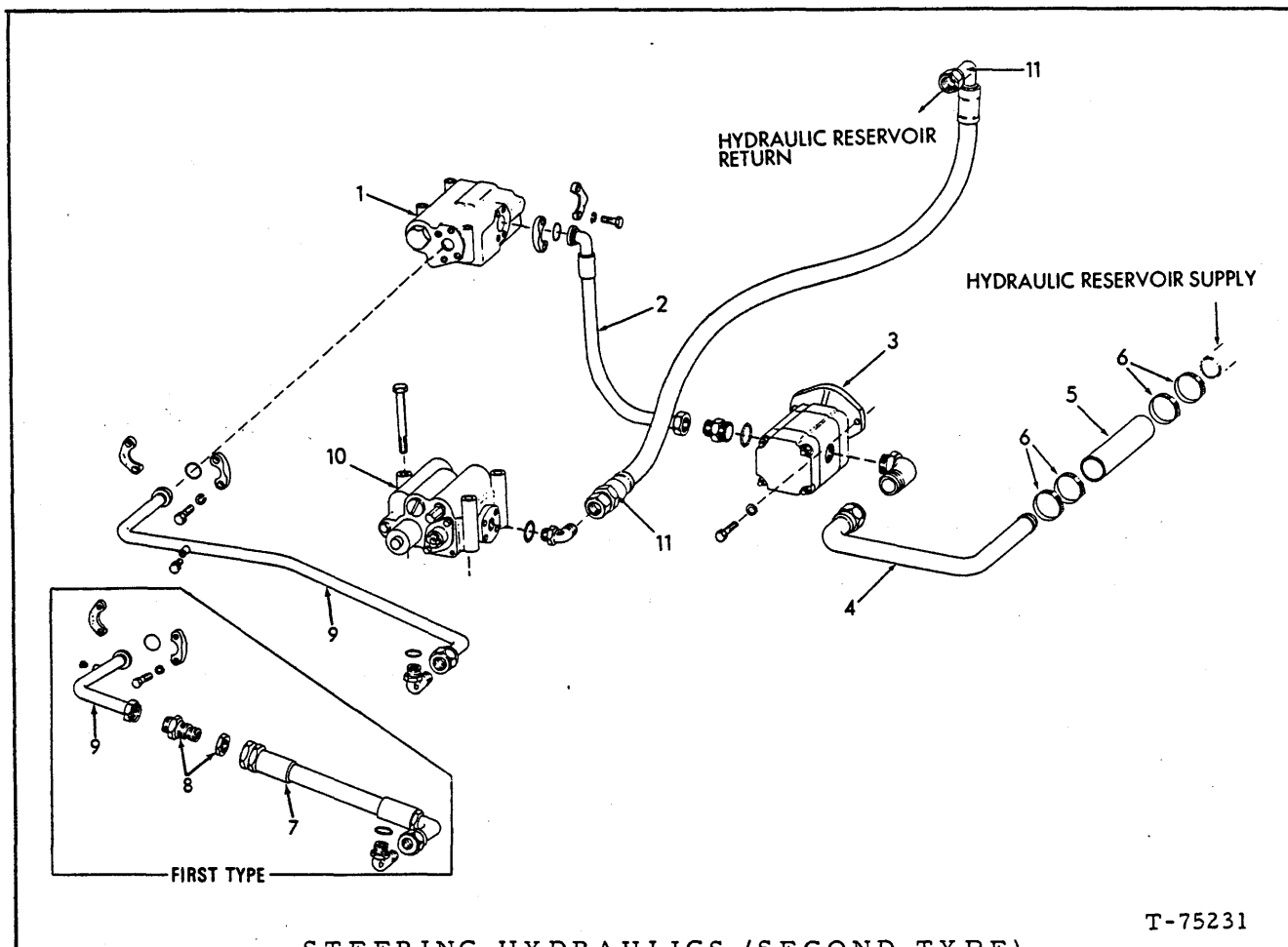
(Continued)

(Revised November 1979)

STEERING HYDRAULICS (First Type)(Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
		* **	
16	73047318	1 1	TUBE ASSY., demand valve to hose (Used prior to Loader S/N 1483)
	73100194	- 1	TUBE ASSY., demand valve to hose (Used with Loader S/N 1483 thru 02452)
	73056138	- 1	TUBE ASSY., demand valve to steering valve (Effective with unit no. 02452)
	70919840	- 1	PLUG, pipe, hex-hd., 1/4" (Effective with Loader S/N 1483)
	70923718	1 1	O-RING
	70921116	2 2	FLANGE, split, #6
	70916271	4 4	CAPSCREW, 3/8" NC x 1"
	70910287	4 4	LOCKWASHER, 3/8"

(Added November 1979)



STEERING HYDRAULICS (SECOND TYPE)
(Pump and Valve Section)

T-75231

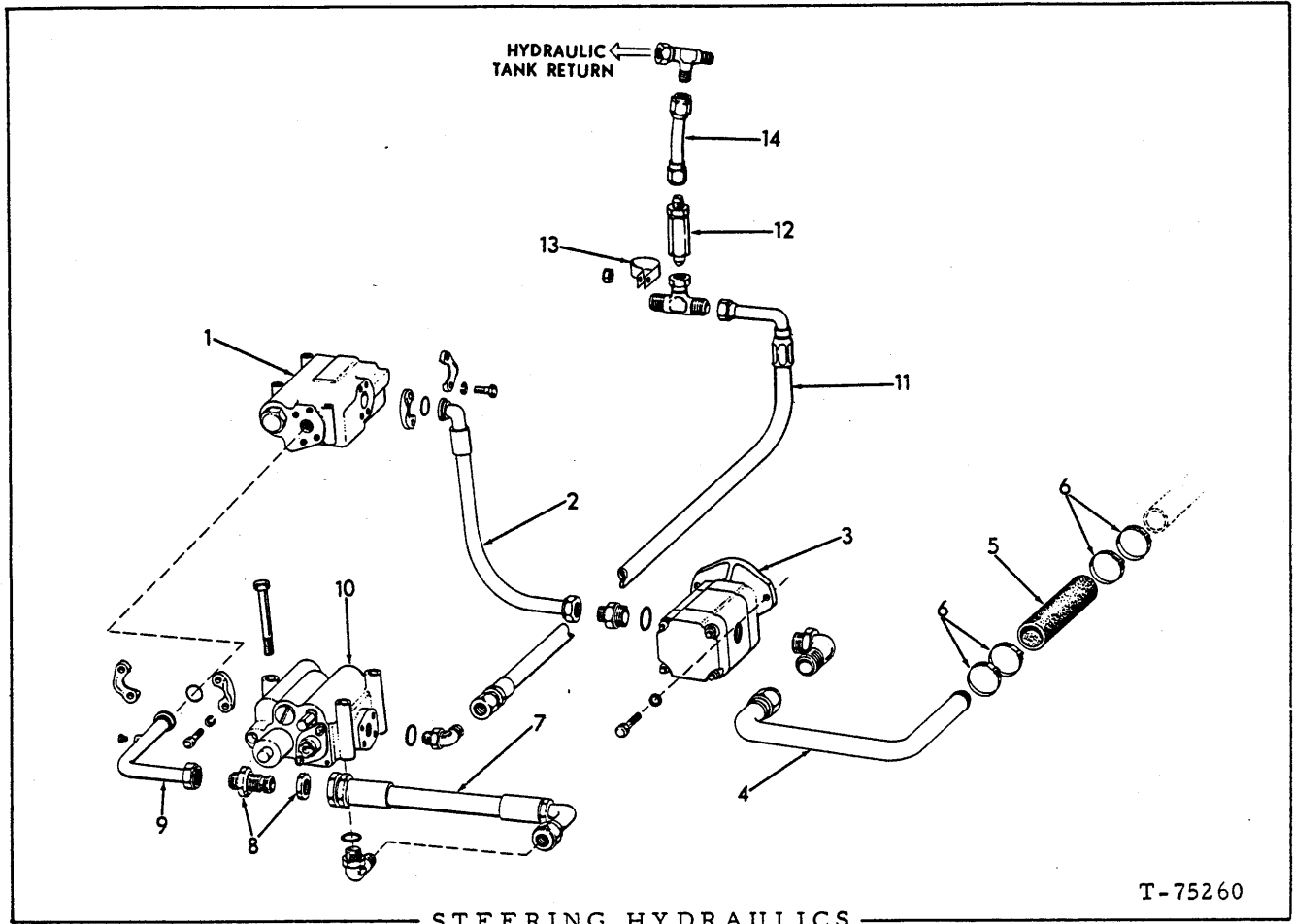
USAGE: Standard equipment effective loader S/N 1003, 1667 and up, except 1677 thru 1715.
(Also applies to units prior to these serial Nos. with Service Replacement
Commercial Shearing Steering Pump)

ITEM	PART NO.	QTY.	DESCRIPTION		
1	-----	1	See DEMAND VALVE ASSY.		
2	73104884	1	HOSE ASSY. (See HOSE PARTS)		
	70922411	1	CONNECTOR, 1" tube, 1-5/8" str. thd. (Includes 1 O-RING 70921214)(Used prior to transmission S/N 5391)		
	73061282	1	HOSE ASSY. (See HOSE PARTS)(Effective with transmission S/N 5391)		
	70921117	2	FLANGE, split, 1-1/4"	} At Pump	
	70924192	1	O-RING, 1-31/64"		
	70921913	4	CAPSCREW, 7/16"NC x 1-1/4"		
	70904207	4	LOCKWASHER, 7/16"		
	2	70921116	2	FLANGE, split, 1"	} At Valve
		70923718	1	O-RING, 1-19/64"	
		70916272	4	CAPSCREW, 3/8"NC x 1-1/4"	
70904206		4	LOCKWASHER, 3/8"		
3	-----	1	PUMP ASSY.	} See STEERING PUMP (Commercial Shearing)	
	-----	2	CAPSCREW, cd. pltd., 1/2"NC x 1-1/2"		
	-----	2	WASHER, plain, 9/16" I.D. x 1-1/4" O.D.		

(Continued)

STEERING HYDRAULICS (SECOND TYPE) (Continued)
(Pump and Valve Section)

ITEM	PART NO.	QTY.	DESCRIPTION	
4	73104803	1	TUBE ASSY., pump supply	} Used prior to Transmission S/N 5391
	70926532	1	ELBOW ASSY., 1-1/2" tube, 1-7/8" str. thd. (Includes O-RING 70921887)	
	73061427	1	TUBE	} Effective with Transmission S/N 5391
	73061426	1	TUBE ASSY. (to 4-bolt flange steering pump)	
	70921118	2	FLANGE, split, 1-1/2"	
	70924193	1	O-RING, 1-55/64"	
	70916311	4	CAPSCREW, 1/2"NC x 1-1/4"	
70904208	4	LOCKWASHER, 1/2"		
5	73104875	1	HOSE, pump supply (Used prior to loader S/N 1085)	
	73006439	1	HOSE, pump supply (Effective loader S/N 1085 and up, 23C02248 and up)(Qty., 2 used effective with transmission S/N 5391)	
6	70921912	6	CLAMP, hose (Used prior to loader S/N 1085)(Qty., 4 used effective with transmission S/N 5391)	
	70925881	4	CLAMP, hose (Qty., 2 used prior to loader S/N 1085)	
7	73046773	1	HOSE ASSY. (See HOSE PARTS)(Used prior to unit no. 02452)	
	70921227	1	ELBOW, flare type, 1" tube, 1-5/16" str. thd. (Includes O-RING 70921214)	
	70921214	1	O-RING, 1"	
8	70924851	1	FITTING, bulkhead, flare type, 1" tube, 1-5/16" str. thd. (Used prior to unit no. 02452)	
	70919621	1	NUT, lock, 1-5/16" str. thd.	
9	73100194	1	TUBE ASSY., demand valve to hose (Used prior to loader S/N 02452)	
	73056138	1	TUBE ASSY., demand valve to steering valve (Effective with loader S/N 02452)	
	70921116	2	FLANGE, split	
	70923718	1	O-RING	
	70916271	4	CAPSCREW, 3/8"NC x 1"	
	70904206	4	LOCKWASHER, 3/8"	
	70919840	1	PLUG, pipe, hex-hd., 1/4"	
10	-----	1	See STEERING VALVE ASSY.	
11	73104969	1	HOSE ASSY., return (See HOSE PARTS)	
	70921227	1	ELBOW, flare type, 1" tube, 1-5/16" str. thd. (Includes O-RING 70921214)	
	70921214	1	O-RING, 1"	
	70919064	1	CONNECTOR (Effective with unit no. 02741)	



STEERING HYDRAULICS
(Pump and Valve Section)

T-75260

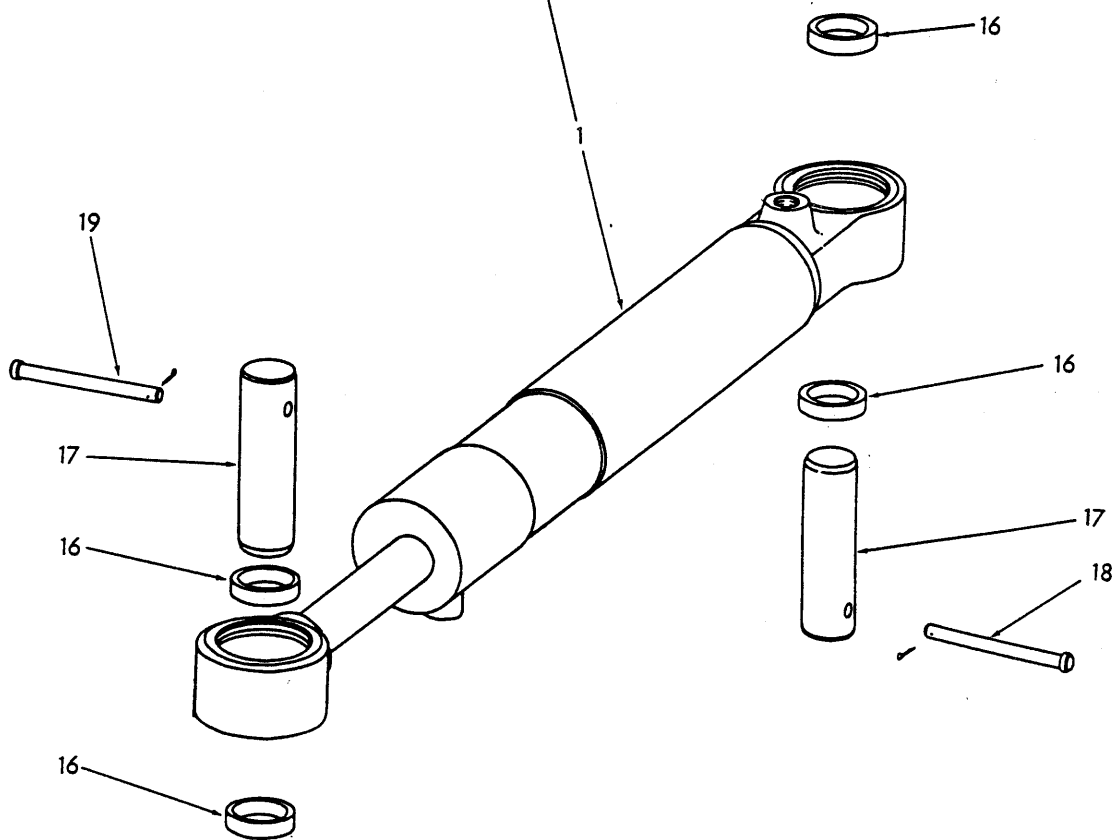
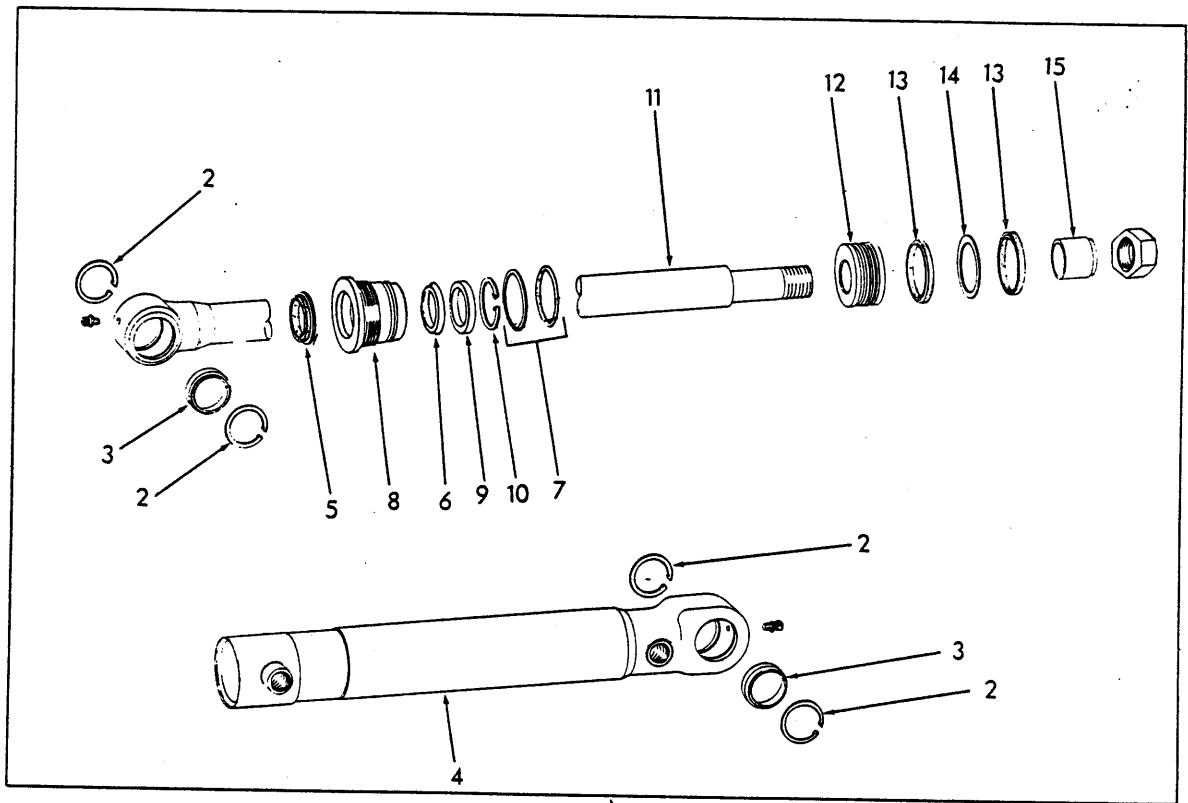
USAGE: Effective with loader S/N 23C02248

ITEM	PART NO.	QTY.	DESCRIPTION
1	-----	1	See DEMAND VALVE ASSY.
2	73104884	1	HOSE ASSY. (See HOSE PARTS)
	70922411	1	CONNECTOR, 1" tube, 1-5/8" str. thd. (Includes 1 O-RING 70921214)(Used prior to transmission S/N 5391)
	73061282	1	HOSE ASSY. (See HOSE PARTS)(Effective with transmission S/N 5391)
	70921117	2	FLANGE, split, 1-1/4"
	70924192	1	O-RING, 1-31/64"
	70921913	4	CAPSCREW, 7/16"NC x 1-1/4"
	70904207	4	LOCKWASHER, 7/16"
	70921116	2	FLANGE, split, 1"
	70923718	1	O-RING, 1-19/64"
	70916272	4	CAPSCREW, 3/8"NC x 1-1/4"
70904206	4	LOCKWASHER, 3/8"	
3	-----	1	PUMP ASSY.
	-----	2	CAPSCREW, 1/2"NC x 1-1/2"
	-----	2	WASHER, plain 9/16" I. D. x 1-1/4" O. D.
4	73104803	1	TUBE ASSY.
	70926532	1	ELBOW ASSY., 1/2" tube (Includes O-RING 70921887)

(Continued)

STEERING HYDRAULICS (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
5	73006439	1	HOSE
6	70921912	2	CLAMP
7	73046773	1	HOSE ASSY. (See HOSE PARTS)(Used prior to unit no. 02452)
	70921227	1	ELBOW, flare type, 1" tube, 1-5/16" str. thd. (Includes O-RING 70921214)
	70921214	1	O-RING, 1"
8	70924851	1	FITTING, bulkhead, flare type, 1" tube, 1-5/16" str. thd. (Used prior to unit no. 02452)
	70919621	1	NUT, lock, 1-5/16" str. thd.
9	73100194	1	TUBE ASSY. (Used prior to unit no. 02452)
	73057283	1	TUBE ASSY. (Effective with unit no. 02452)
	70921116	2	FLANGE, split
	70923718	1	O-RING, 1-5/16" I. D.
	70916271	4	CAPSCREW, 3/8"NC x 1"
	70904206	4	LOCKWASHER, 3/8"
	70919840	1	PLUG, pipe, hex hd., 1/4"
10	-----	1	VALVE ASSY. (See STEERING VALVE ASSY.)
11	73106145	1	HOSE ASSY. (See HOSE PARTS)
	70921227	1	ELBOW, flare type, 1" tube, 1-5/16" str. thd. (Includes O-RING 70921214)
	70921214	1	O-RING, 1"
12	73106139	1	VALVE ASSY. (Serviced only as a unit)
	70925835	1	TEE
13	70926378	1	CLAMP
	70921210	1	CAPSCREW, pltd., 3/8"NC x 1"
	70919439	1	NUT, elastic stop, pltd., 3/8"NC
14	73106169	1	TUBE ASSY.
	70925836	1	TEE
	70919064	1	CONNECTOR (Effective with unit no. 02741)



STEERING CYLINDER

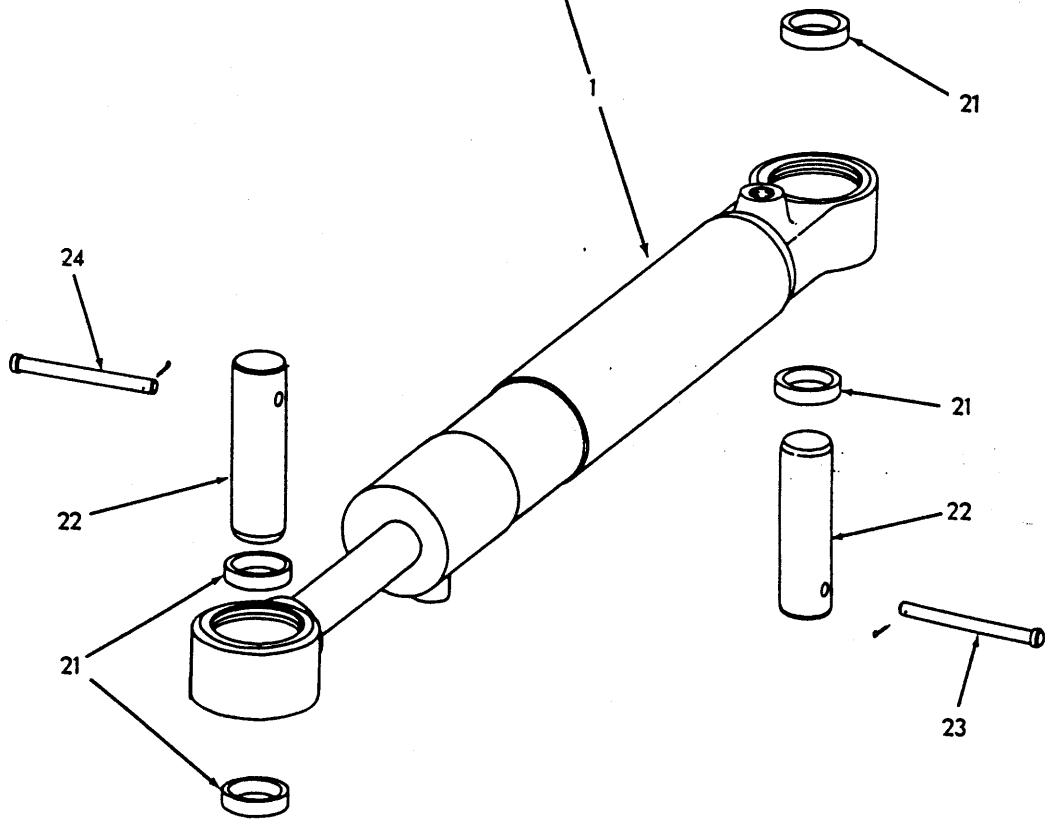
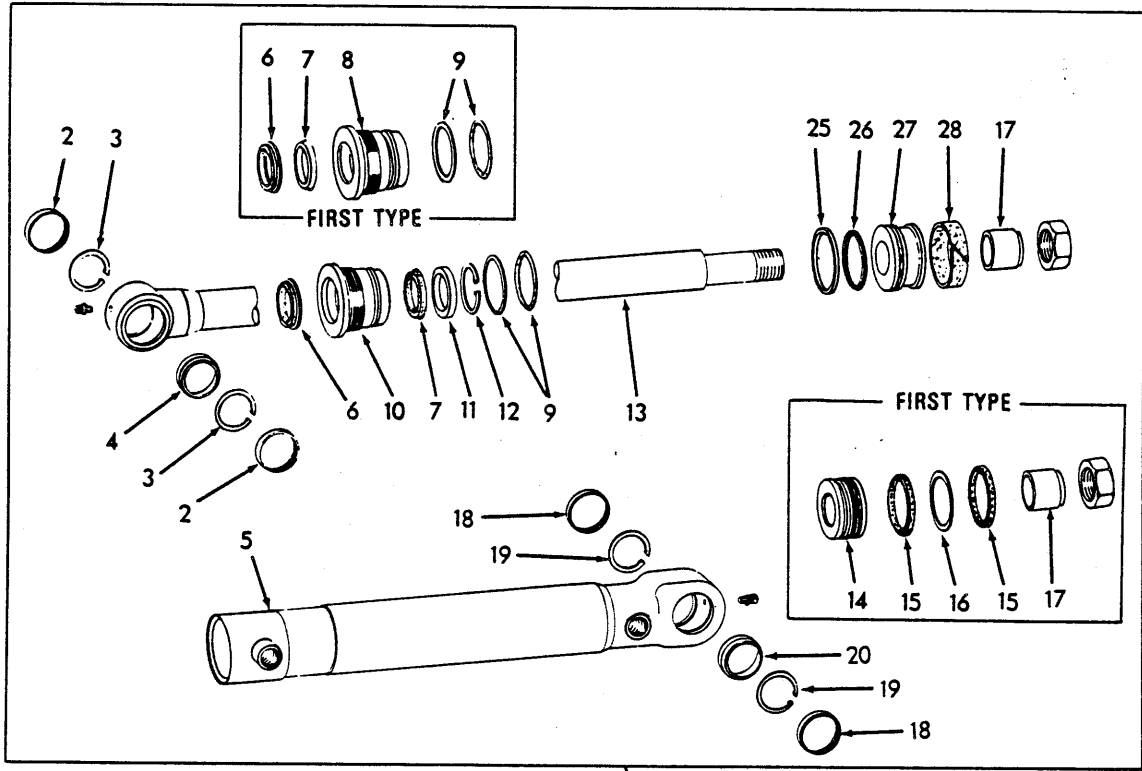
T-75234

STEERING CYLINDER

USAGE: Effective with loader serial no. 23CO2248.

NOTE: Quantity is for one CYLINDER ASSY. only.

ITEM	PART NO.	QTY.	DESCRIPTION
1	-----	1	CYLINDER ASSY. (order item 1 page 245)
2	70925997	4	RING
3	70928893	2	BUSHING
4	73047988	1	TUBE ASSY. (Includes items 2 and 3)
	70914465	2	FITTING, lube, str., 1/8" NPT
5	73050047	1	SEAL (Used prior to loader serial no. 23C02318 excluding 23C02307 and 23C02308)
	73055106	1	SEAL (Effective with loader serial no. 23C02318 including 23C02307 and 23C02308)
6	73069365	1	SEAL
7	73063365	1	RING
8	70924840	1	O-RING, 3-1/4" I. D.
	73055321	1	HEAD ASSY. (includes HEAD indented below and item 5, 6, 9 and 10)
9	73055109	1	HEAD
	73052493	1	RING
10	70925995	1	RING
11	73055838	1	ROD ASSY. (Includes items 2 and 3)
	70927425	1	NUT, saftey, 1-1/8" NF
	70914465	1	FITTING, lube, str., 1/8" NPT
12	73050056	1	PISTON
13	70930332	2	SEAL
14	73047984	1	RING
15	73050055	1	BOSS
16	73045137	4	BOSS
17	73045211	2	PIN
18	73001622	1	PIN
	70900806	1	PIN, cotter, 1/8" x 1"
19	73047537	2	PIN
	70900806	1	PIN, cotter, 1/8" x 1"
20	73048833	-	KIT (Includes items 5, 6, 7, 13 and 14)(Effective with loader serial no. 23C02318 excluding 23C02307 and 23C02308)
	73055322	-	KIT (Includes items 5, 6, 7, 9, 10, 13 and 14) (Effective with loader serial no. 23C02318 including 23C02307 and 23C02308)



STEERING CYLINDER

T-75234

STEERING CYLINDER

USAGE: *Used prior to loader serial no. 1372

**Used with loader serial no 96M01372 thru 96M02724, 87L01372 thru 87L02724

*** Effective with loader serial no. 96M02725 and up, 87L02725 and up

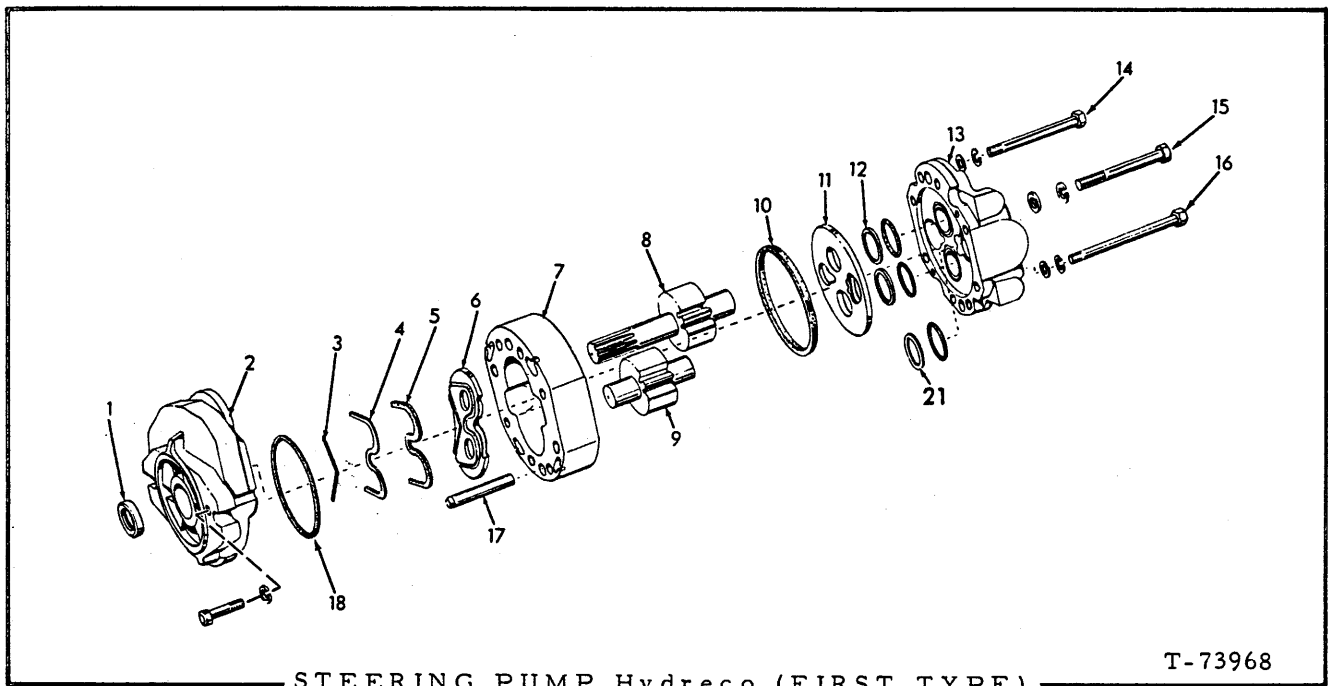
NOTE: Quantity is for one cylinder only.

ITEM	PART NO.	QTY.	DESCRIPTION
		*	
		* *	
		* * *	
1	{ ----- 73058326	1 1 - - - 1	CYLINDER ASSY. (first type)(order second type) CYLINDER ASSY. (second type)(Includes items 3 thru 14, 17, 19 thru 23, 25, 26 and 28)
2	73045170	2 2 -	SEAL (Used prior to loader serial no. 96M02112)
3	70925997	2 2 2	RING
4	70928893	1 1 1	BUSHING, self-aligning
5	73047988 70914465	1 1 1 1 1 1	TUBE ASSY., cylinder (Includes items 18 thru 20) FITTING, lube, str., 1/8" NPT
6	{ 73050047 73055106	1 1 - - 1 1	SEAL, piston rod (Used prior to unit no. 02318 excluding 02307 and 02308) SEAL, piston rod (Effective with unit no. 02318 including 02307 and 02308)
7	73069365	1 1 1	SEAL
8	73055321	1 - 1	HEAD ASSY., cylinder (Includes item 6, 7, 10, 11 and 12)
9	73063365 70924840	1 1 1 1 1 1	RING, back-up O-RING, 3-1/4" I. D.
10	73055109	- 1 1	HEAD
11	73052493	- 1 1	RING
12	70925995	- 1 1	RING
13	73055838 70927425 70914465	1 1 1 1 1 1 1 1 1	ROD ASSY., piston (Includes items 3 and 4) NUT, safety, 1-1/8"NF FITTING, lube, str., 1/8" NPT
14	-----	1 1 1	PISTON, rod (Order item 13)
15	70930332	2 2 -	SEAL
16	73047984	1 1 -	RING
17	73050055	1 1 1	BOSS
18	73045170	2 2 -	SEAL (Used prior to loader serial no. 96M02112)
19	70925997	2 2 1	RING
20	70928893	1 1 1	BUSHING, self-aligning
21	73045137	4 4 1	BOSS

(Continued)

STEERING CYLINDER (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
		* * * * * *	
22	73045211	2 2 2	PIN
23	73001622	1 1 1	PIN
	70900806	1 1 1	PIN, cotter, 1/8" x 1"
24	73047537	1 1 -	PIN
	70900806	1 1 -	PIN, cotter, 1/8" x 1"
25	73054150	- - 1	RING, outer
26	70926816	- - 1	RING, inner
27	73058320	- - 1	PISTON
28	73058322	- - 1	RING, wear
	73048833	- - -	KIT, cylinder repair (Includes items 6, 7, 9, 11, 12, 15, 16) (Used prior to unit no. 02318 excluding 02307 and 02308)
29	73055322	- - -	KIT, cylinder repair (Includes items 6, 9, 11, 12, 15, 16) (Effective with unit no. 02318 including 02307 and 02308)
	73058324	- - 1	KIT, cylinder repair (Includes one 73055106 Seal, items 7, 9, 25, 26 and 28)



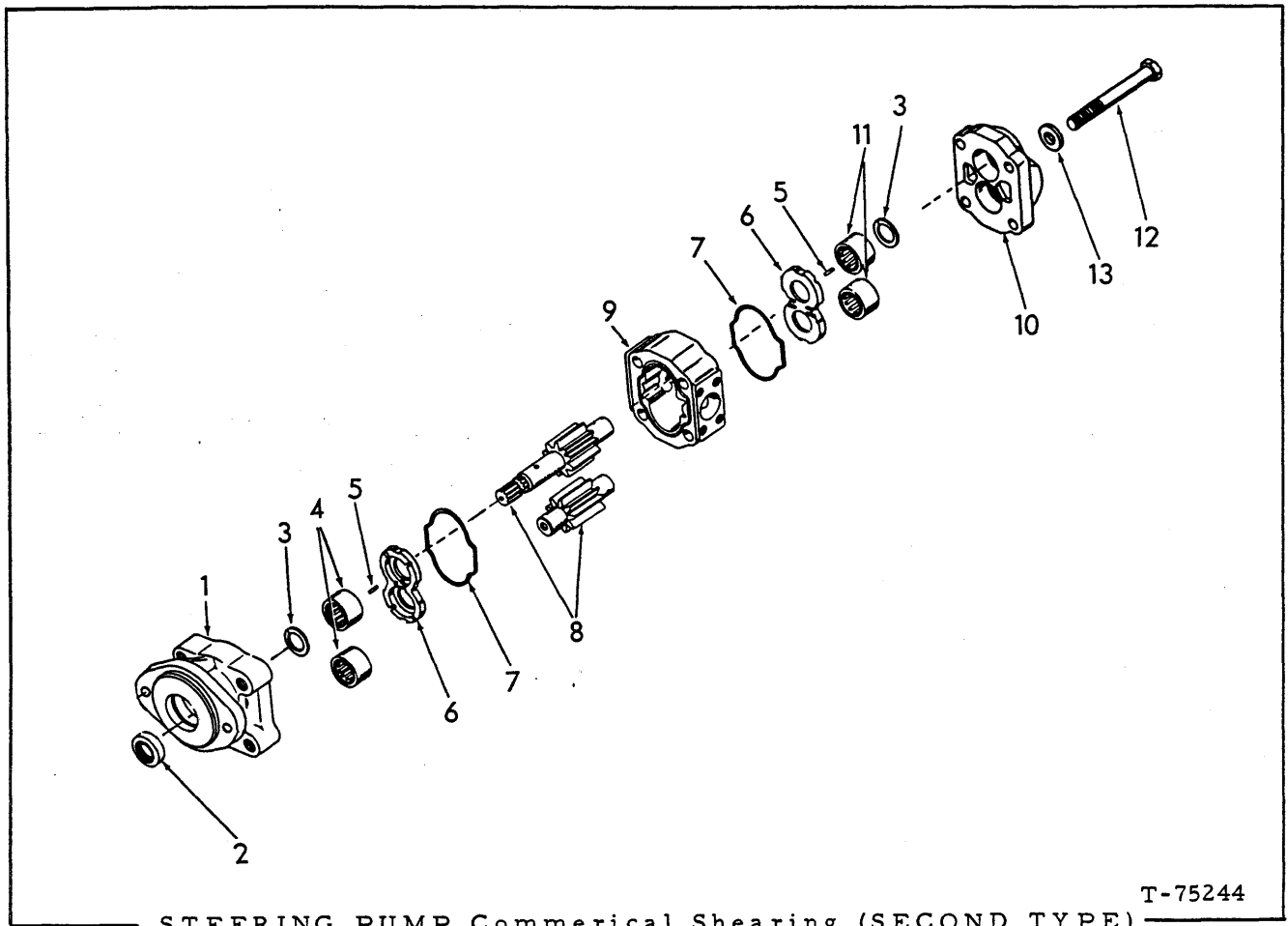
USAGE: Original equipment prior to loader serial no. 1716 except 1003, 1667 thru 1676; for service replacment see Commercial Shearing PUMP.

ITEM	PART NO.	QTY.	DESCRIPTION
-	73100629	1	PUMP ASSY., steering (Includes items 1 thru 18) (For replacement, order 73104753 PUMP ASSY. and KIT, either item 19 or 20)
	70916311	2	} Pump mounting
	70904208	2	
1	73048052	1	SEAL
2	-----	1	COVER ASSY., adapter (Includes bushings) (Not serviced, order complete Pump Assy.)
3	73048054	1	SEAL
4	73048058	1	RING, back-up
5	73048053	1	SEAL
6	73100982	1	PLATE, wear
7	-----	1	HOUSING (Not serviced, order complete Pump Assy.)
8	-----	1	SHAFT, drive (Not serviced, order complete Pump Assy.)
9	-----	1	SHAFT, driven (Not serviced, order complete Pump Assy.)
10	73050565	1	RING
11	73048045	1	PLATE
12	73048044	3	RING, back-up
	70923564	3		RING

(Continued)

STEERING PUMP (FIRST TYPE) (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
13	-----	1	COVER ASSY., end (Includes bushings) (Not serviced - order complete Pump Assy.)
14	73100980	4	CAPSCREW
	70924841	4	WASHER, cd. pltd., 3/8"
	70904206	4	LOCKWASHER, 3/8"
15	73100979	2	CAPSCREW
	70924841	2	WASHER, cd. pltd., 3/8"
	70904206	2	LOCKWASHER, 3/8"
16	73100978	2	CAPSCREW
	70924841	2	WASHER, cd. pltd., 3/8"
	70904206	2	LOCKWASHER, 3/8"
17	73048410	2	PIN
18	70925743	1	RING
19	73055352	1	PUMP KIT (Includes pump) (To adapt second type pump to loaders prior to serial no. 1083)
20	73055353	1	PUMP KIT (Includes pump) (To adapt second type pump to loader serial no. 1083 thru 1716, except 1667 thru 1676)
21	73048305	1	RING, back-up
	70923848	1	O-RING

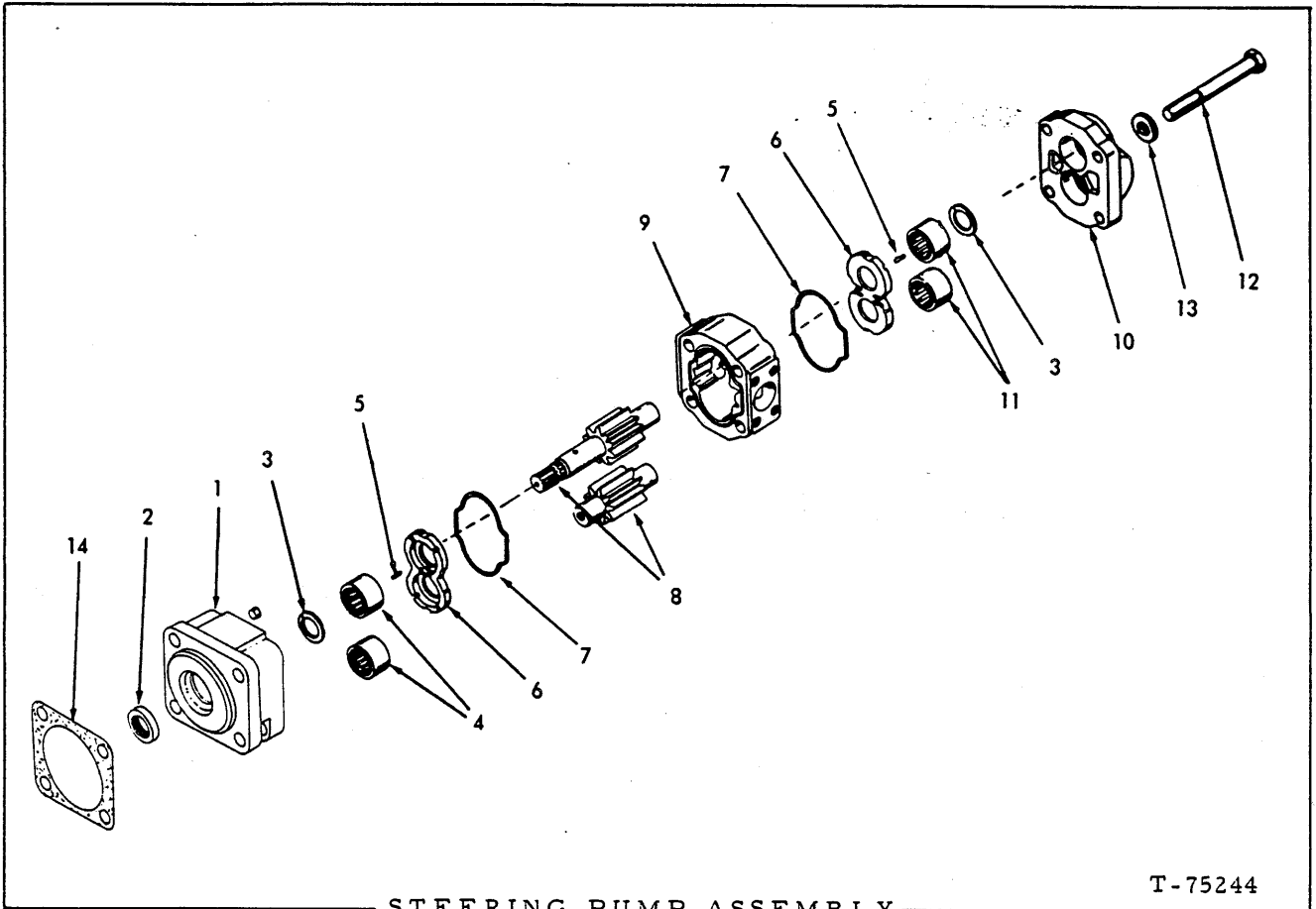


T-75244

STEERING PUMP Commerical Shearing (SECOND TYPE)

USAGE: Effective loader serial no. 1003 and 1667 and up except 1677 thru 1715 and 23C02248. Used prior to Transmission S/N 5391.

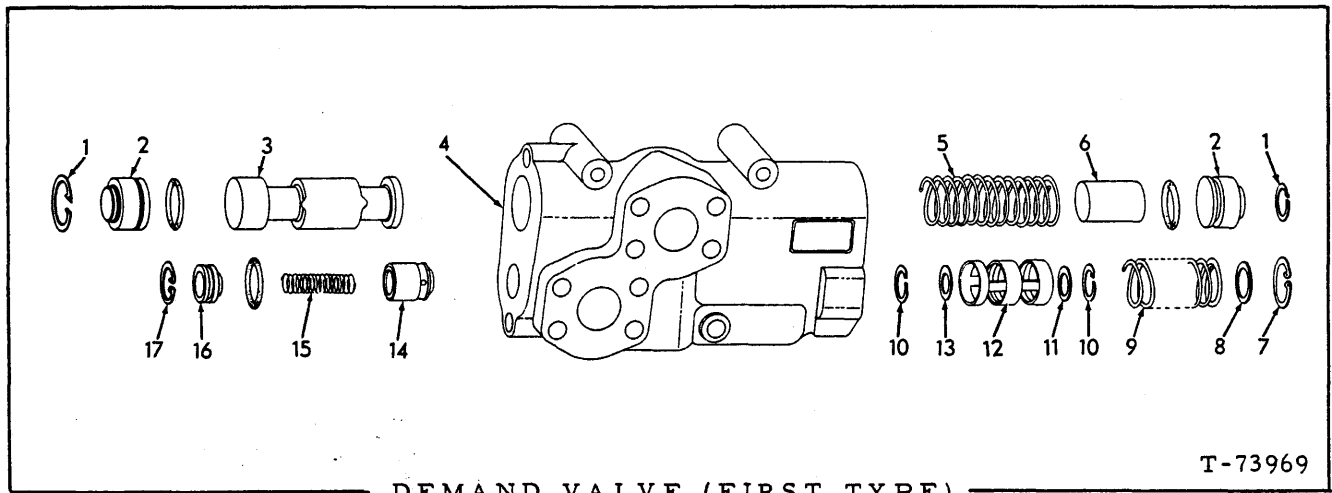
ITEM	PART NO.	QTY.	DESCRIPTION
-	73104753	1	PUMP ASSY., steering hydraulics (Includes items 1 thru 13)
	70919230	2	CAPSCREW, cd. pltd., 1/2" NC x 1-3/8"
	70926192	2	WASHER, plain, 9/16" I. D. x 1-1/4" O. D.
1	70664027	1	COVER
	70669623	1	PLUG
2	73045975	1	SEAL
3	73056793	2	KIT, seal (Includes 2 seal)
4	73045977	2	BEARING
5	73046521	1	SEAL, pocket (Includes 12 pieces)
6	73064956	2	PLATE
7	70926813	2	SEAL
8	73064960	1	GEAR SET (Consists of Drive Gear and Driven Gear) (For first replacement also order item 6)
9	73105229	1	HOUSING
10	73052785	1	COVER, port end (Includes items 11 and qty. 1 of item 3)
11	73045977	2	BEARING
12	70927303	4	CAPSCREW
13	70659494	4	WASHER



STEERING PUMP ASSEMBLY

USAGE: Effective with transmission serial No. 5391. For use on Replacement Transmissions 73061360, 73061361.

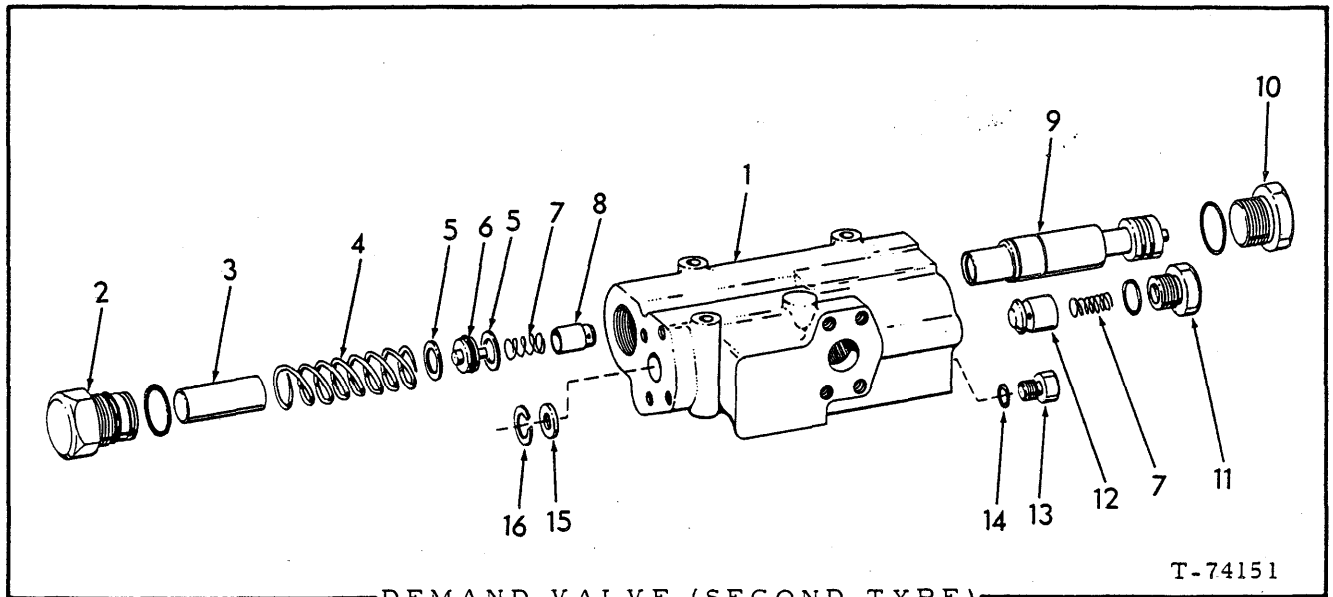
IETM	PART NO.	QTY.	DESCRIPTION
-	73061281	1	PUMP ASSY., steering hydraulic (Includes items 1 thru 14)
	70919048	4	CAPSCREW, 1/2"NC x 1-5/8"
	70910244	4	WASHER, plain, 1/2"
1	73061915	1	COVER ASSY., end, shaft (Includes 1 Plug 70669623 and items 2, 4 and 1 Seal)
	70669623	1	PLUG
2	73045975	1	SEAL
3	73056793	1	KIT, seal (Includes 2 seal)
4	73045977	2	BEARING
5	73046521	12	SEAL
6	73045963	2	PLATE
7	70926813	2	SEAL
8	73061817	1	GEAR SET (Consists of Drive Gear and Driven Gear)
9	73061820	1	HOUSING
10	73052785	1	COVER, port end (Includes items 11 and 1 Seal)
11	73045977	2	BEARING
12	70927303	4	CAPSCREW
13	70659494	4	WASHER
14	73058299	1	GASKET



DEMAND VALVE (FIRST TYPE)

USAGE: Prior to loader serial no. 1164 (See page 252 for loader serial no. 1003 and 1159)

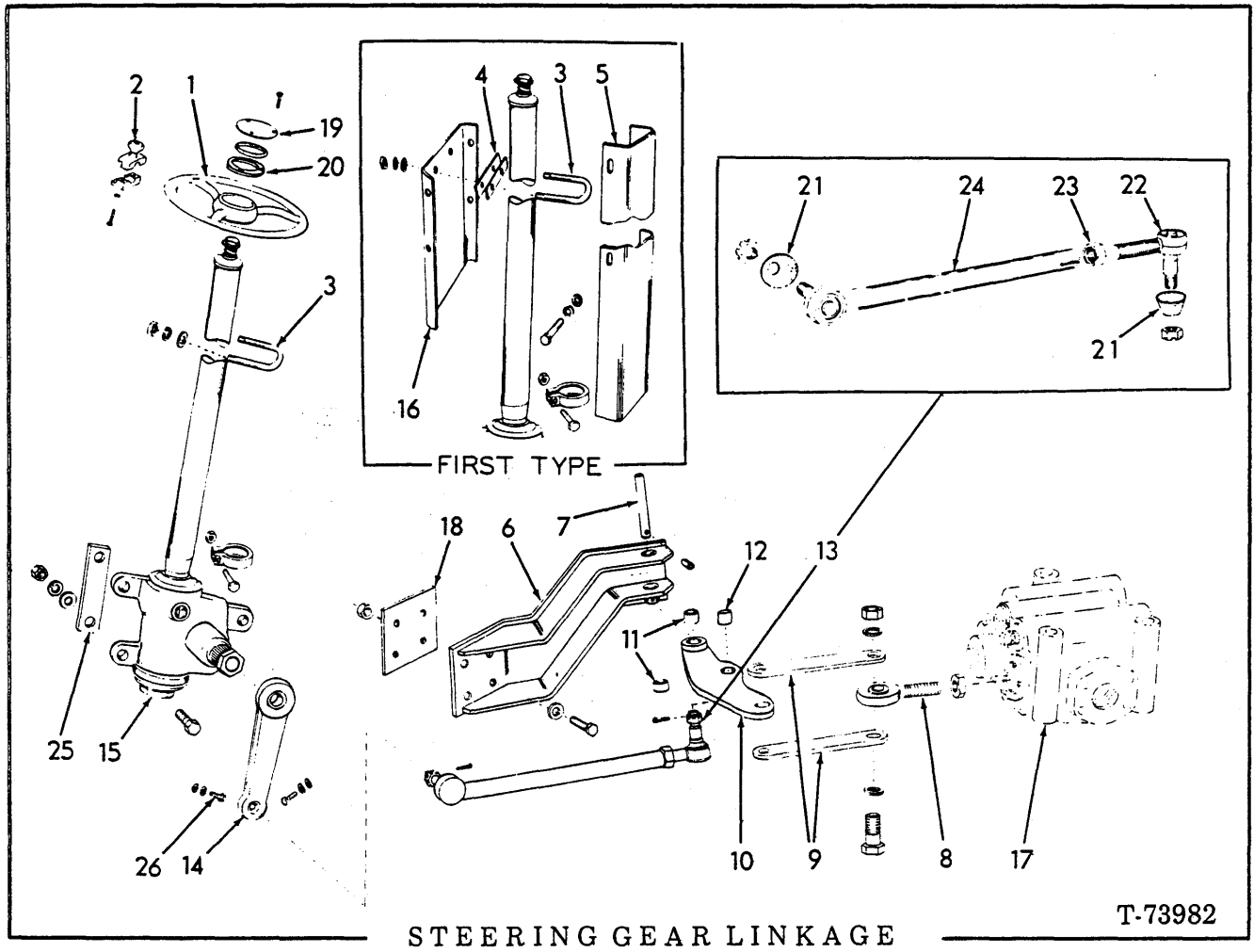
ITEM	PART NO.	QTY.	DESCRIPTION
-	73046713	1	VALVE ASSY., demand (Includes items 1 thru 17)
	70916391	3	CAPSCREW, 3/8" NF x 4"
	70911115	3	WASHER, plain, SAE std., 3/8"
	73047343	3	WASHER, plain
	70904206	3	LOCKWASHER, 3/8"
	70911041	3	NUT, 3/8" NF
1	70927694	2	RING
2	73048051	2	PLUG
	70924777	2	O-RING
3	-----	1	SPOOL (Not serviced, order complete Valve Assy.)
4	-----	1	BODY, valve (Not serviced, order complete Valve Assy.)
5	73048065	1	SPRING
6	73048057	1	SPACER
7	73048068	1	RING
8	73048063	1	WASHER
9	73048066	1	SPRING
10	73048069	2	RING
11	73048064	1	PLUG
12	73048050	1	VALVE
13	73048064	1	PLUG
14	73001717	1	PLUNGER
15	70636102	1	SPRING
16	73048056	1	PLUG
	70923849	1	O-RING
17	73048067	1	RING



DEMAND VALVE (SECOND TYPE)

USAGE: Effective Loader serial no. 1003, 1159, 1164 and up, 23C02248 and up.

ITEM	PART NO.	QTY.	DESCRIPTION
-	70199871	1	VALVE ASSY., demand (includes items 1 thru 16)
	70920616	2	CAPSCREW, 3/8" NF x 5"
	70916391	1	CAPSCREW, 3/8" NF x 4"
	70926180	3	WASHER, plain, 7/16" I. D. x 1" O. D.
	70904206	3	LOCKWASHER, 3/8"
	70911041	3	NUT, 3/8" NF
	73047343	3	SPACER
1	-----	1	HOUSING (not serviced separately - order VALVE ASSY.)
2	73050567	1	CAP
	70925453	1	O-RING, 1-1/2" I. D.
	70926809	1	RING
3	73050682	1	SPACER
4	73050683	1	SPRING
5	70927278	2	RING
6	73050571	1	PLUG
	70923645	1	O-RING, 5/8" I. D.
7	70636102	2	SPRING
8	73018397	1	PLUNGER
9	-----	1	PLUNGER (not serviced separately - order VALVE ASSY.)
10	73050570	1	CAP
	70926809	1	RING
11	73050568	1	CAP
	70926807	1	RING
12	73001717	1	PLUNGER
13	73050569	1	CAP
14	70926801	1	RING
15	73104546	1	PLUG
16	70927279	1	RING

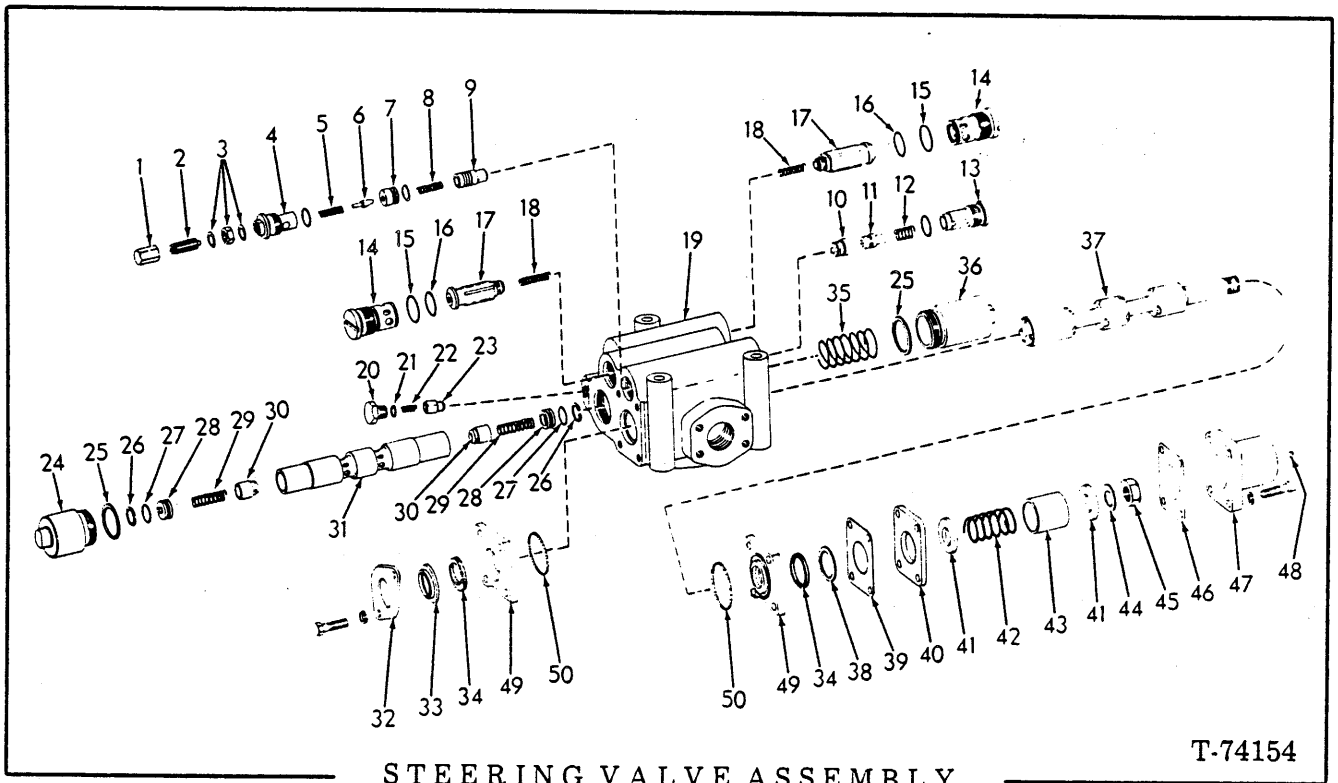


ITEM	PART NO.	QTY.	DESCRIPTION
1	73043399	1	WHEEL
2	73055371	1	KNOB
3	73043222	1	U-BOLT (Used prior to unit no. 02701)
	73057358	1	U-BOLT (Effective with unit no. 02701)
	70910244	2	WASHER, plain, 17/32"
	70912441	2	LOCKWASHER, 1/2"
	70910195	2	NUT, 1/2" NF
4	73050039	2	SPACER (Used prior to unit no. 02701)
5	73050099	1	PLATE (Used prior to unit no. 02701)
	70915343	4	CAPSCREW, 1/4" NC x 5/8"
	70911114	4	WASHER, plain, 9/32"
	70904204	4	LOCKWASHER, 1/4"
6	73054694	1	BRACKET
	70915789	4	CAPSCREW, 5/8" NF x 2-1/2"
	70916589	4	LOCKNUT, 5/8" NF
	70900703	4	WASHER, plain, 21/32"
7	73046614	1	PIN
	70917758	1	PIN, roll, 1/4" x 1-3/4"

(Continued)

STEERING GEAR LINKAGE (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
8	73048990	1	BEARING
	70910847	1	NUT, jam, 3/4" NF
9	{ 73068584	2	* BAR, 5.75" long (Service replacement)
	{ 73048989	2	BAR, 7.52" long (original equipment)
	70916333	2	CAPSCREW, 3/4" NF x 2-3/4"
	73050388	6	WASHER, plain
	70921343	2	LOCKNUT, 3/4" NF
	70910255	1	WASHER, plain, 13/16"
10	73105916	1	LEVER (Includes items 11 and 12)
11	73007065	2	BUSHING
12	73048988	1	BUSHING
13	73046394	1	ROD ASSY., (Includes items 21 thru 24)
14	73046279	1	ARM
15	.....	1	STEERING GEAR ASSY. (See page 263)
	70916421	3	CAPSCREW, 1/2" NF x 2-1/2"
	70910244	2	WASHER, 1/2"
	70912441	3	LOCKWASHER, 1/2"
	70911043	3	NUT, 1/2" NF
16	73050096	1	COVER (Used prior to unit no. 02701)
17	.....	1	* VALVE ASSY. (see page 260)
18	{ 73047415	4	SHIM (.0625" thick) } use as required
	{ 73050381	1	SHIM (.250" thick) }
19	73062574	1	MEDALLION
	73048971	3	SCREW, self-tapping, no. 8 x 1-1/4"
20	73048968	1	SPACER
	70923582	1	O-RING (2.359" I. D.)
21	73048337	2	SEAL
22	73048336	1	SOCKET ASSY. (Includes item 21 and NUT listed below)
	70910867	1	NUT, slotted, 1/2" NF
23	73048335	1	NUT
24	73048334	1	LINK ASSY. (Includes item 21 and NUT listed below)
	70910867	1	NUT, slotted, 1/2" NF
25	73056372	1	BAR, steering gear adjustment (Effective with loader s/n 96M02452, 23C02248)
26	70916271	2	CAPSCREW, 3/8, NC x 1"
	70911115	10	WASHER, plain, 3/8"
27	73068648	1	KIT, steering valve
	70926192	3	* WASHER, 9/16" 1/8" thick (between item 17 and mounting plate)
	70921214	2	* O-RING (1.171" I. D.)
	70921206	2	* O-RING (.924" I. D.)
	73068667	1	* INSTRUCTION SHEET
			* included with item 27 KIT



USAGE: * First type - original equipment
 ** Second type - service replacement (shown)

NOTE: See page 254 item 27 KIT for first replacement of VALVE ASSY.

ITEM	PART NO.	QTY.		DESCRIPTION
		*	**	
-	-----	1	-	VALVE ASSY. (order service replacement)
	73068585	-	1	VALVE ASSY. (Includes items 1 thru 50)
	70925166	3	3	CAPSCREW, nylok, 1/2" NC x 5-1/2"
	70926192	3	3	WASHER, plain, 9/16", 1/8" thick (used between valve & mounting plate)
	70910244	3	3	WASHER, plain, 1/2", 3/32" thick
1	73104135	1	1	NUT
2	73104134	1	1	SCREW
3	70191995	2	2	WASHER
4	70913830	1	1	NUT, jam, 1/2"NF
	73104124	1	1	CAP
	70923574	1	1	O-RING (.734" I. D.)
5	73027401	1	1	SPRING
6	73027397	1	1	POPPET
7	73104115	1	1	SEAT
	70923645	1	1	O-RING (.612" I. D.)
8	73104138	1	1	SPRING
9	73104119	1	-	CHECK
	73068642	-	1	CHECK
10	73104116	1	1	SEAT
11	73104118	1	1	CHECK
12	73104139	1	1	SPRING

(Continued)

STEERING VALVE ASSEMBLY (Continued)

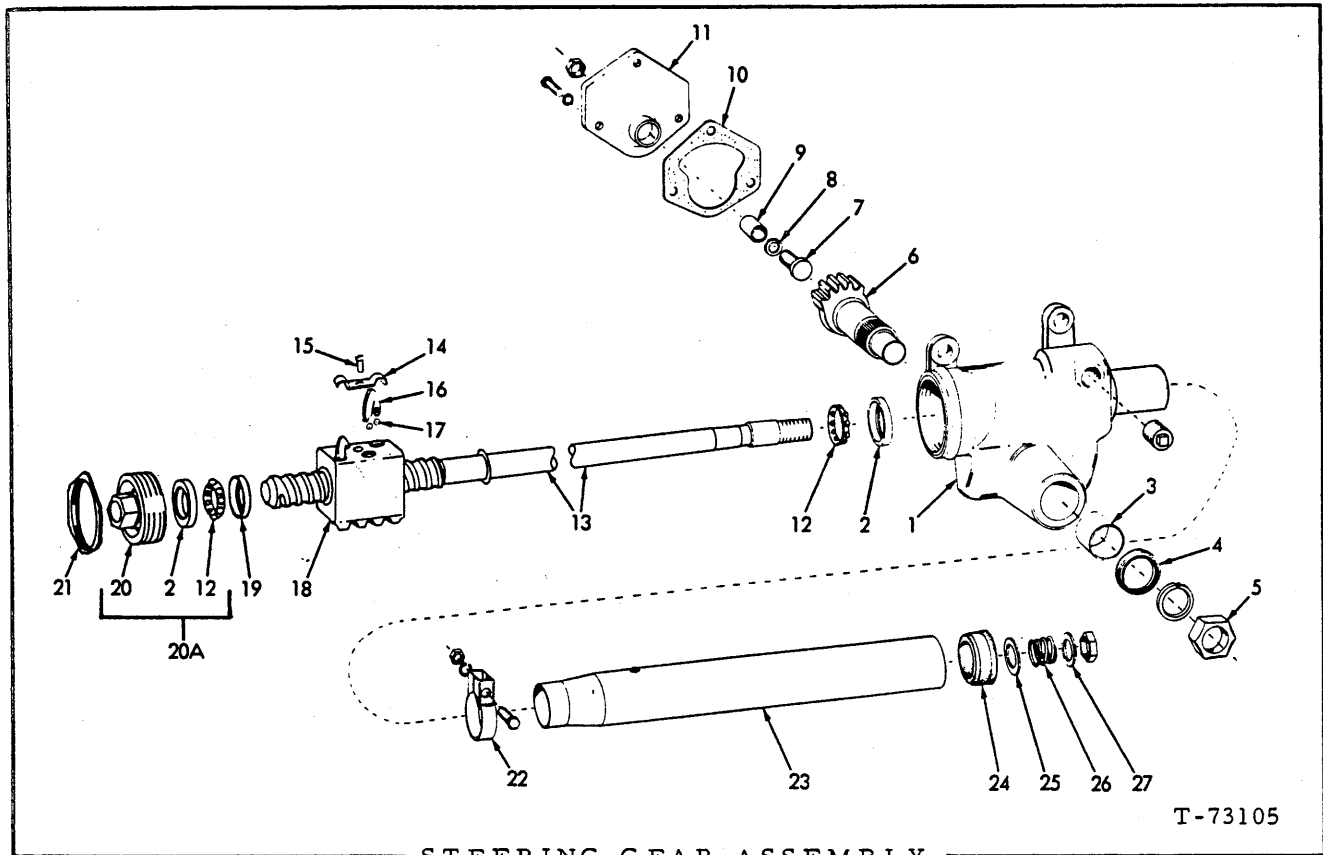
ITEM	PART NO.	QTY.		DESCRIPTION	
		*	**		
13	73104123	1	1	CAP	
	70923574	1	1	O-RING (.734" I. D.)	
14	73104114	2	2	SEAT	
15	70926827	2	2	RING	
16	70923562	2	2	O-RING, (.926" I. D.)	
17	73104109	2	2	VALVE ASSY., relief (Serviced only as an assy.)	
18	{ 73104137	2	-	SPRING	
	73068645	-	2	SPRING	
19	-----	1	1	HOUSING (order VALVE ASSY.)	
20	73104122	1	1	CAP	
21	73100089	1	1	RING	
22	73048073	1	1	SPRING	
23	{ 73055234	1	-	CHECK	
	73067325	-	1	CHECK	
24	73070324	1	1	CAP	
25	70926810	2	2	RING	
26	70926800	2	2	RING	
27	70923379	2	2	O-RING (.674" I. D.)	
28	73104145	2	2	PLUG	
29	73104146	2	2	SPRING	
30	73018397	2	2	CHECK	
31	-----	1	1	PLUNGER (order VALVE ASSY.)	
32	73104125	1	1	RETAINER	
	70916269	2	-	CAPSCREW, 3/8" NC x 7/8"	
	70916272	-	2	CAPSCREW, 3/8" NC x 1-1/4"	
	70910287	2	2	LOCKWASHER, 3/8"	
33	73100727	1	1	WIPER	
34	73070385	2	2	SEAL	
35	73104144	1	1	SPRING	
36	73104120	1	1	CAP	
37	-----	1	1	SPOOL (order VALVE ASSY.)	
38	73048070	1	1	RING	
	{ 73104128	-	-	SHIM (.005" thick)	} use as required
	73054871	-	-	SHIM (.010" thick)	
	73054872	-	-	SHIM (.020" thick)	
	73054873	-	-	SHIM (.025" thick)	
	73054874	-	-	SHIM (.002" thick)	
40	73104126	1	1	SPACER	
41	73104127	2	2	SPACER	
42	73104143	1	1	SPRING	
43	73104130	1	1	SPACER	
44	73104131	1	1	WASHER	
45	73104136	1	1	NUT	
46	{ 73104129	-	-	SHIM (.002" thick)	} use as required
	73054875	-	-	SHIM (.010" thick)	
	73054876	-	-	SHIM (.005" thick)	
47	73104132	1	-	COVER	
	73104140	4	-	CAPSCREW, 3/8" NC x 1-1/2"	
	70917467	-	4	CAPSCREW, skt. hd., 3/8" NC x 1-3/4"	
	70910287	4	4	LOCKWASHER, 3/8"	

(Continued)

(Revised November 1979)

STEERING VALVE ASSEMBLY (Continued)

ITEM	PART NO.	QTY.		DESCRIPTION
		*	**	
48	70184550	1	1	PLUG
49	73068644	-	2	SPACER
50	70923579	-	2	O-RING (1.984" I. D.)



T-73105

STEERING GEAR ASSEMBLY

* 73046278 Used prior to loader serial no. 23C02635,96M02635
 ** 73059193 Effective with loader serial no. 23C02635,96M02635

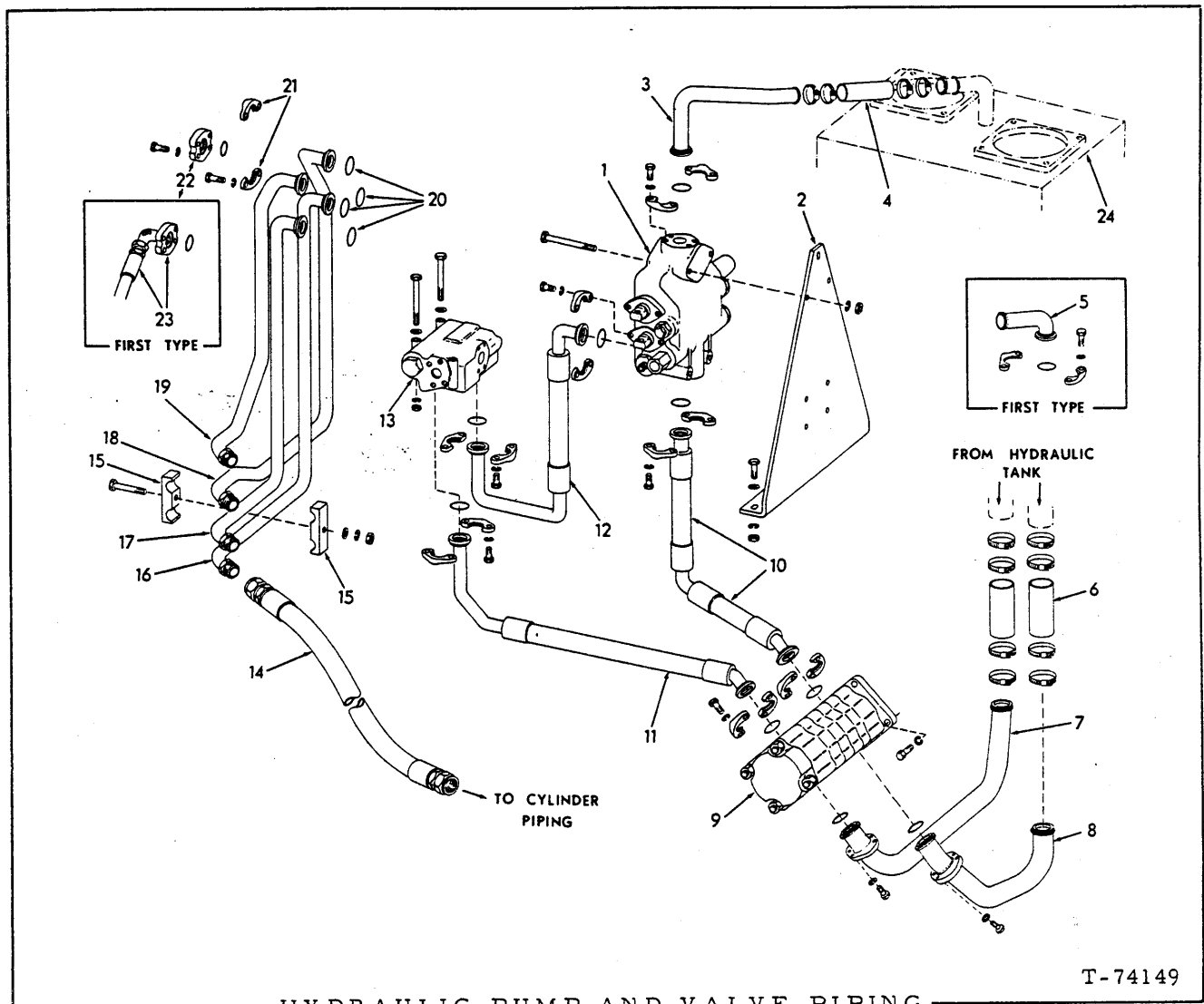
USAGE: See STEERING GEAR LINKAGE

ITEM	PART NO.	QTY.	DESCRIPTION
		* **	
1	73048099	1 1	HOUSING ASSY. (Includes one of items 2 and item 3)
	70905261	1 1	PLUG, pipe, 1/2" NPT
2	73048096	2 2	CUP
3	73003893	1 1	BUSHING
4	73059179	1 1	SEAL
5	73044546	1 1	NUT
	70905347	1 1	LOCKWASHER, 7/8"
6	{ 73048272	1 -	GEAR
	{ 73057623	- 1	GEAR
7	{ 73003896	1 -	ADJUSTER
	{ 73059196	- 1	ADJUSTER
	70910876	1 1	NUT, jam, 7/16" NF
8	{ 73044365	1 1	SHIM KIT (Consists of the following four Shims)
	{ 73003883	1 1	SHIM (.063" thick. Use as required)
	{ 73003884	1 1	SHIM (.065" thick. Use as required)

(Continued)

STEERING GEAR ASSEMBLY (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
		* **	
8	{ 73003885	1 1	SHIM (.067" thick. Use as required)
	{ 73003886	1 1	SHIM (.069" thick. Use as required)
9	{ 73044573	1 -	BUSHING
	{ 73059198	- 1	BUSHING
10	73048271	1 1	GASKET
11	{ 73059197	- 1	COVER ASSY. (Includes item 9)
	{ 73048098	1 -	COVER ASSY. (Includes item 9)
	70915408	3 -	CAPSCREW, 3/8" NC x 3/4"
	70904206	3 -	LOCKWASHER, 3/8"
	73059200	- 3	BOLT,
12	73048095	2 2	BEARING
13	{ 73048100	1 -	SHAFT ASSY. (Includes items 14 thru 18)
	{ 73057624	- 1	SHAFT ASSY. (Includes items 14 thru 18)
14	73048278	1 1	CLAMP
15	73003933	1 1	BOLT ASSY. (Includes washer)
16	73048279	4 4	GUIDE
17	73006597	54 54	BALL
18	-----	1 1	NUT (Not serviced, order item 13)
19	73048097	1 -	RETAINER
20	73048094	1 1	ADJUSTER
20a	73059204	- 1	ADJUSTER ASSY. (Includes one item 2 one 73059201 Bearing and one 73048094 Adjuster.)
21	{ 73048281	1 -	NUT
	{ 73059202	- 1	NUT
22	73048270	1 1	CLAMP
	73048269	1 1	BOLT
	70910233	1 1	NUT, 5/16" NF
	70904205	1 1	LOCKWASHER, 5/16"
23	73048754	1 1	JACKET ASSY.
24	73048753	1 1	BEARING ASSY. (Serviced only as a unit)
25	73003888	1 1	SEAT
26	73003894	1 1	SPRING
27	73003891	1 1	WASHER
	70913177	1 1	NUT, jam, 1/2" NF



HYDRAULIC PUMP AND VALVE PIPING

ITEM	PART NO.	QTY.	DESCRIPTION
NOTE: For 3-spool Valve Piping (Special equipment), also see FRONT PIPING			
1	-----	1	See CONTROL VALVE ASSY., 2-spool (Standard equipment)
	-----	1	See CONTROL VALVE ASSY., 3-spool (Special equipment)
2	73045864	1	BRACKET
	70921969	1	CAPSCREW, cd. pltd., 3/8"NC x 1-1/2"
	70926180	4	WASHER, plain, hardened, 3/8" I. D.
	70904206	1	LOCKWASHER, 3/8"
	70910324	1	NUT, 3/8"NC
	70915987	2	CAPSCREW, 1/2"NC x 1-1/2"
	70910244	2	WASHER, plain, SAE std., 1/2"
	70904208	2	LOCKWASHER, 1/2"
	70910325	2	NUT, 1/2"NC
3	73045859	1	TUBE ASSY.
	70923578	1	O-RING, 1-7/8" I. D.
	70921118	2	FLANGE, split, #24
	70915987	4	CAPSCREW, 1/2"NC x 1-1/2"
	70904208	4	LOCKWASHER, 1/2"

(Continued)

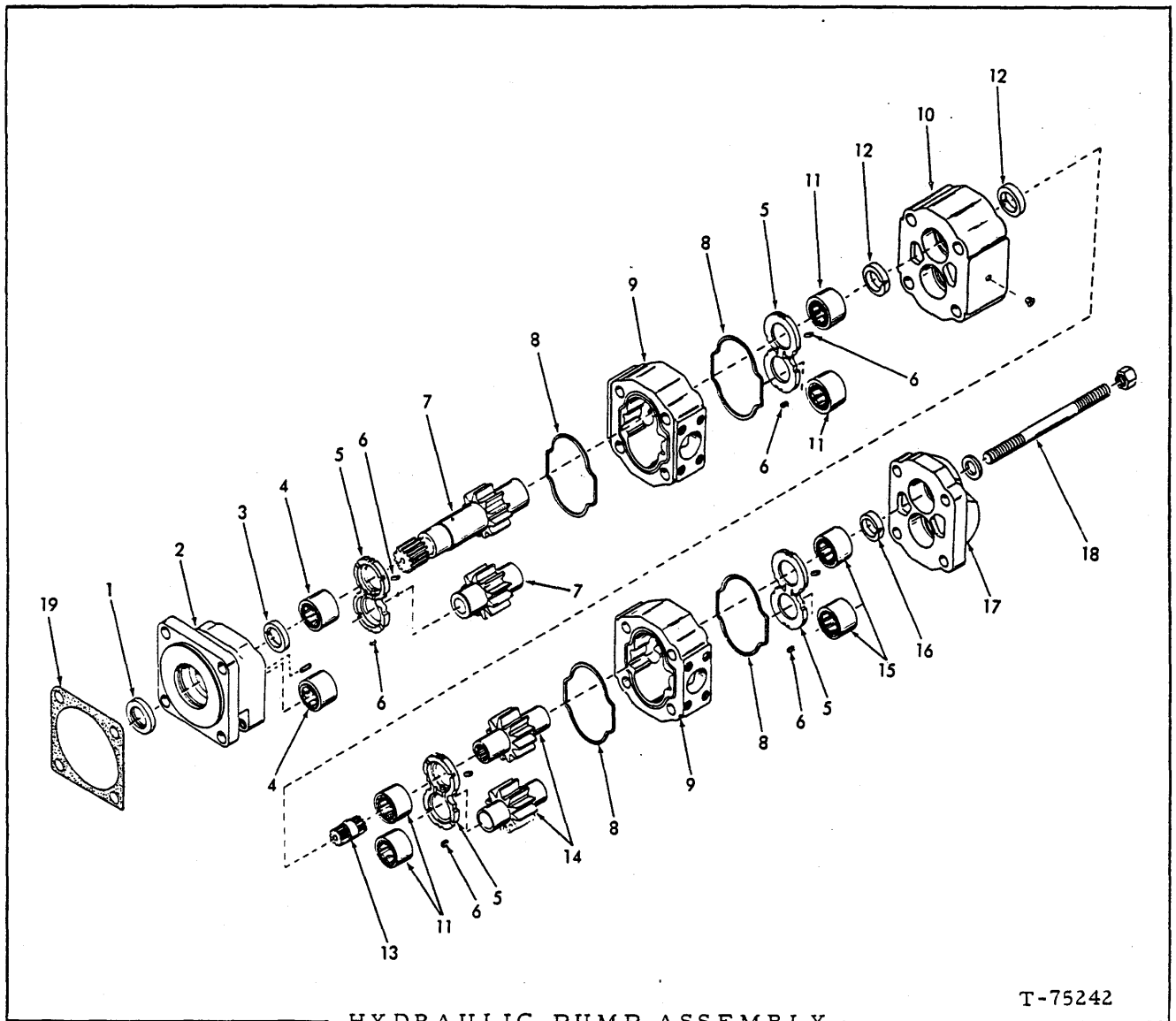
HYDRAULIC PUMP ANV VALVE PIPING (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION		
4	73006439	1	HOSE, 1-1/2" I. D. x 4-3/4"		
	70925881	4	CLAMP		
5	73045855	1	TUBE ASSY.	} used prior to loader serial No. 1083	
	70923578	1	O-RING, 1-7/8" I. D.		
	70921118	2	FLANGE, split, #24		
	70915987	4	CAPSCREW, 1/2"NC x 1-1/2"		
	70904208	4	LOCKWASHER, 1/2"		
6	73015429	2	HOSE, 1-1/2" I. D. x 7"	} used prior to loader serial No. 1083	
	70921912	8	CLAMP, adjustable, 1-1/16" to 2		
	73005005	2	HOSE, 2" I. D. x 5"		} effective loader S/N 1083 and up, 23C02248 and up
	70921913	8	CLAMP, adjustable, 1-13/16" to 2-3/4"		
7	73047321	1	TUBE ASSY., supply (used prior to loader S/N 1083)		
	73050498	1	TUBE ASSY., supply (effective loader S/N 1083, 23C02248)		
	70924193	1	O-RING, 1-7/8" I. D.		
	70921118	2	FLANGE, split, #24 (used prior to loader S/N 1083,		
	73044104	1	FLANGE (effective with loader S/N 1083, 23C02248)		
	70916311	4	CAPSCREW, 1/2"NC x 1-1/4"		
	70916966	4	LOCKWASHER, pltd., 1/2"		
8	73047320	1	TUBE ASSY., supply (used prior to loader S/N 1083)		
	73050497	1	TUBE ASSY., supply (effective loader S/N 1083, 23C02248)		
	70924193	1	O-RING, 1-7/8" I. D.		
	70921118	2	FLANGE, split, #24 (used prior to loader S/N 1083)		
	73044104	1	FLANGE, (effective with loader S/N 1083, 23C02248)		
	70916311	4	CAPSCREW, 1/2"NC x 1-1/4"		
	70916966	4	LOCKWASHER, pltd., 1/2"		
9	-----	1	See HYDRAULIC PUMP ASSY.		
10	73103211	1	HOSE ASSY., pump to 2-spool valve (standard equipment)		
	73103254	1	HOSE ASSY., pump to 3-spool valve (special equipment)		
	70924192	2	O-RING, 1-1/2" I. D.		
	70921117	4	FLANGE, split, #20		
	70916197	8	CAPSCREW, 7/16"NC x 1-1/4"		
	70904207	8	LOCKWASHER, 7/16"		
	70923664	1	O-RING		
	11	73061283	1	HOSE ASSY. (See HOSE PARTS)(Effective w/transmission S/N 5391)	
		73057836	1	HOSE ASSY. (See HOSE PARTS)(Used prior to transmission S/N 5391)	
		70924192	2	O-RING, 1-1/2" I. D.	
70921117		4	FLANGE, split, #20		
70916197		8	CAPSCREW, 7/16"NC x 1-1/4"		
70904207		8	LOCKWASHER, 7/16"		

(Continued)

HYDRAULIC PUMP AND VALVE PIPING (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION	
12	73057281	1	HOSE ASSY., demand valve to 2-spool control valve (Standard equipment)(See HOSE PARTS)	
	73057282	1	HOSE ASSY., demand valve to 3-spool control valve (Special equipment)	
	70924192	2	O-RING, 1-1/2" I. D.	
	70921117	4	FLANGE, split, #20	
	70916197	8	CAPSCREW, 7/16"NC x 1-1/4"	
	70904207	8	LOCKWASHER, 7/16"	
13	-----	1	See DEMAND VALVE ASSY.	
14	73058700	4	HOSE ASSY., cross over (See HOSE PARTS)	
NOTE: See LIFT CYLINDER PIPING and DUMP CYLINDER PIPING				
15	73045733	4	CLAMP	
	70924634	2	CAPSCREW, pltd., 3/8"NC x 3-1/2"	
	70926180	2	WASHER, plain hardened, 3/8"	
	73104804	-	SPACER (Used as req'd)	
	70918308	2	NUT, elastic stop, pltd., 3/8"NC	
16	73104597	1	TUBE ASSY., bucket retract	
17	73104596	1	TUBE ASSY., bucket dump	
18	73104585	1	TUBE ASSY., boom raise	
19	73104595	1	TUBE ASSY., boom lower	
20	70923664	4	O-RING, 1-1/2" I. D.	
21	70921117	8	FLANGE, split, #20	
	70916197	16	CAPSCREW, 7/16"NC x 1-1/4"	
	70904207	16	LOCKWASHER, 7/16"	
22	73044216	1	COVER	
	70923577	1	O-RING, 1-3/4" I. D.	
	70915987	4	CAPSCREW, 1/2"NC x 1-1/2"	
	70904208	4	LOCKWASHER, 1/2"	
23	73046777	1	HOSE ASSY. (See HOSE PARTS)	
	70921203	1	ELBOW, 3/4" tube, 1-1/16" str. thd. (Includes O-RING 70921206)	
	73044217	1	COVER	
	70923577	1	O-RING, 1-3/4" I. D.	
	70915987	4	CAPSCREW, 1/2"NC x 1-1/2"	
	70904208	4	LOCKWASHER, 1/2"	
				Effective loader serial No. 1083 and up, 23C02248 and up
				Used prior to loader S/N 1083
24	-----	1	See HYDRAULIC TANK	



HYDRAULIC PUMP ASSEMBLY

T-75242

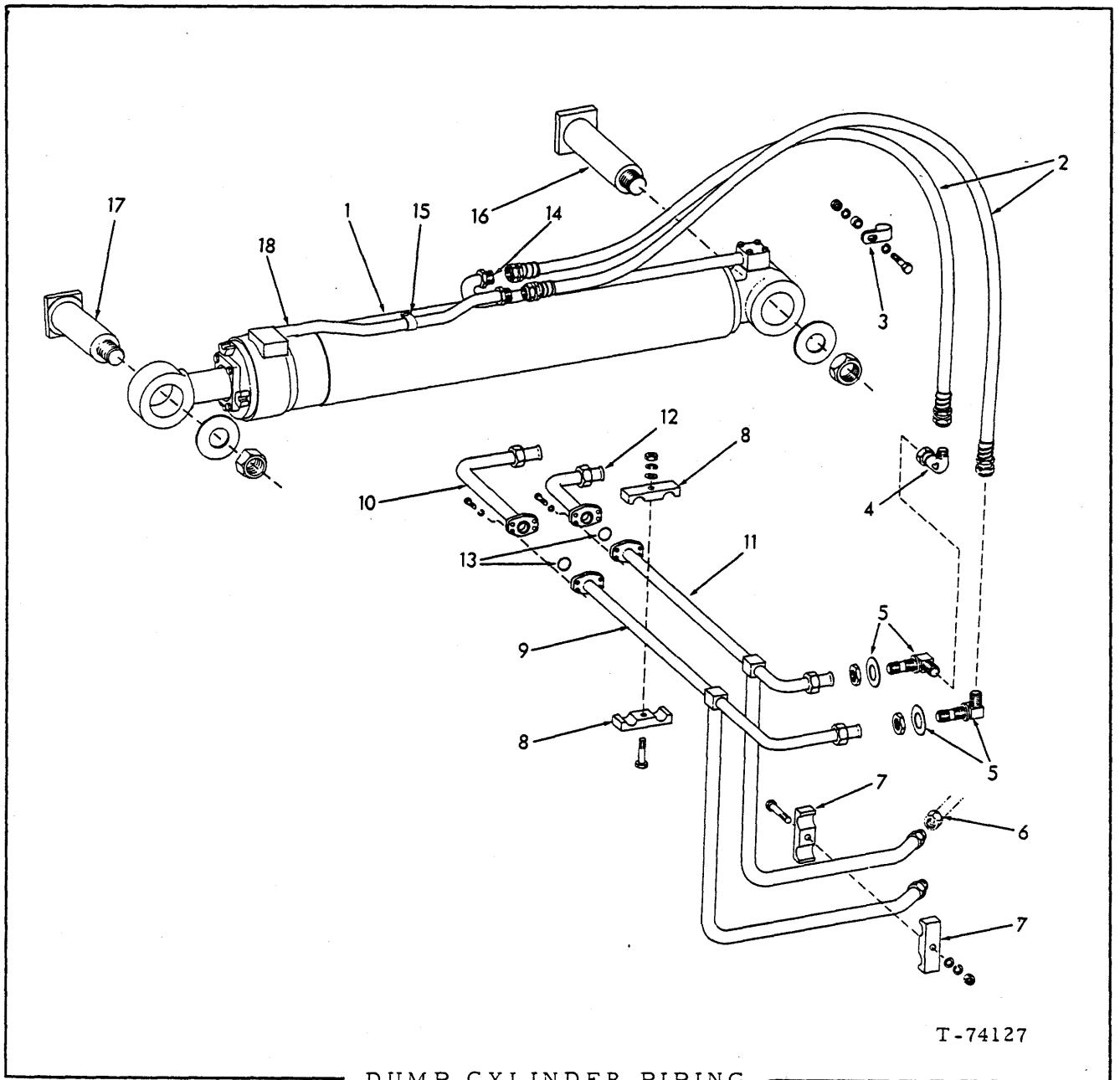
USAGE: See HYDRAULIC PUMP AND VALVE PIPING

ITEM	PART NO.	QTY.	DESCRIPTION
-	73061750	1	PUMP ASSY. (Includes items 1 thru 19)
	70919048	4	CAPSCREW, 1/2" NC x 1-5/8"
	70904208	4	LOCKWASHER, 1/2"
1	73044045	1	SEAL
2	73044030	1	COVER ASSY. (Includes items 1, 3, 4 and PLUG indented below)
	70669623	1	PLUG
3	-----	1	RING (Order REPAIR KIT)
4	73044047	2	BEARING
5	73044031	4	PLATE
6	73046521	1	SEAL, 3-1/4" long (Cut into 24 pieces)

(Continued)

HYDRAULIC PUMP ASSEMBLY (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
7	73048037	1	GEAR SET (Drive and Driven Gear)
8	70926814	4	RING
9	73048036	2	HOUSING
10	73055668	1	CARRIER
	70910231	1	PLUG, 1/8" PT
11	73044047	4	BEARING
12	-----	2	RING (Order REPAIR KIT)
13	73044036	1	SHAFT
14	73048039	1	GEAR SET (Drive and Driven Gear)
15	73044047	2	BEARING
16	-----	1	RING (Order REPAIR KIT)
17	73048035	1	COVER ASSY. (Includes items 15 and 16)
18	73048040	4	STUD
	70659494	4	WASHER
	70923459	4	NUT, 5/8" NC
19	73058299	1	GASKET
20	73053765	1	REPAIR KIT (Includes items 3, 12, 16 and instruction sheet)



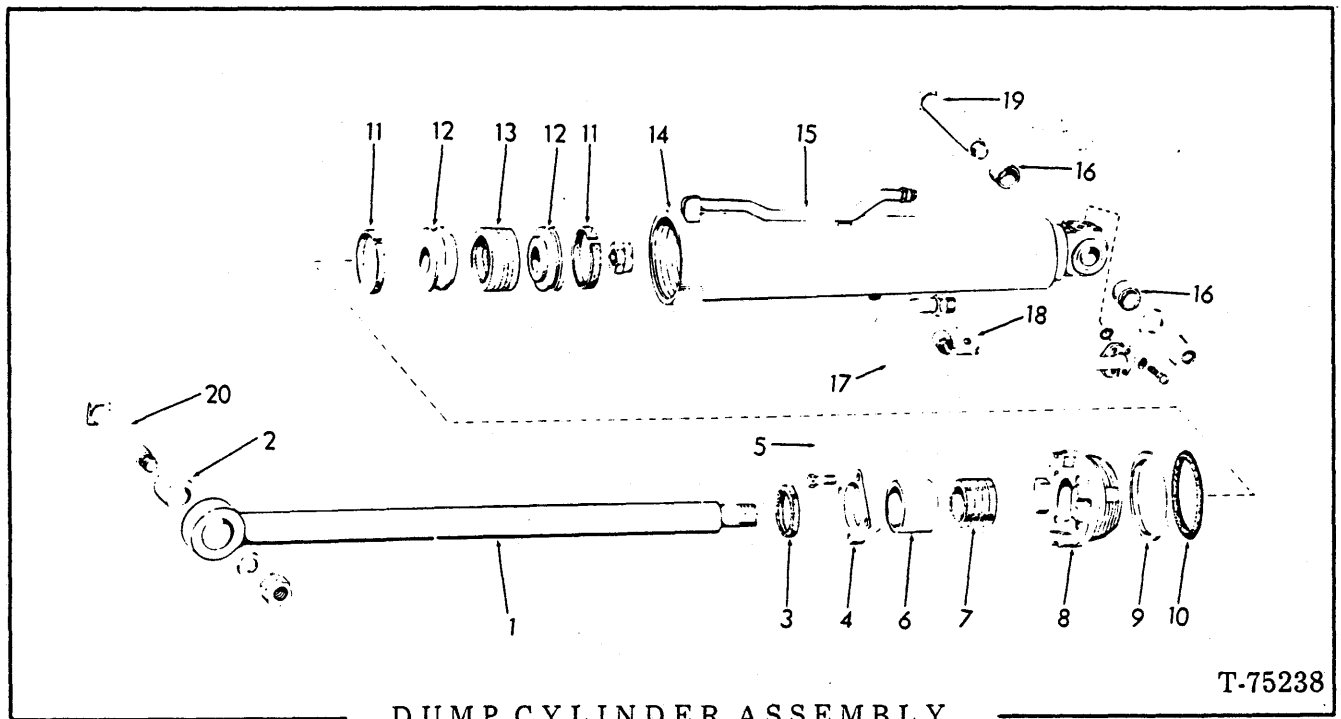
DUMP CYLINDER PIPING

ITEM	PART NO.	QTY.	DESCRIPTION
1	-----	2	See DUMP CYLINDER ASSY.
2	73051704	4	HOSE ASSY. (See HOSE PARTS)
3	70925621	4	CLIP (Use prior to loader s/n 1717)
	73029917	4	SPACER
	70915480	4	CAPSCREW, 3/8" NF x 1-3/4"
	70911115	8	WASHER, plain, 3/8"
	70910287	4	LOCKWASHER, 3/8"
	70910123	4	NUT, 3/8" NF
4	70919625	2	ELBOW (Used prior to loader serial no. 02452)

(Continued)

DUMP CYLINDER PIPING (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION	
5	73065878	4	ELBOW, 1" tube, 1-5/16 str. thd. (replaces 70924848)	
	73046703	4	SHIM	
	70919621	4	NUT, #10	
6	-----	2	HOSE (See HYDRAULIC PUMP & VALVE PIPING)	
7	73045733	2	CLAMP	
	70926577	1	CAPSCREW, 3/8" NC x 3-1/4"	
	73104804	-	SPACER, (Use as req'd)	
	70926180	1	WASHER, plain, 3/8" I. D.	
	70918308	1	NUT, 3/8" NC	
8	73045731	2	CLAMP	
	70926577	1	CAPSCREW, 3/8" NC x 3-1/4"	
	70911115	1	WASHER, plain, SAE std. 3/8"	
	70926180	1	WASHER, 7/16" I. D.	
	70918308	1	NUT, pltd. elastic stop. 3/8" NC	
9	73104598	1	TUBE ASSY.	
10	73045721	1	TUBE ASSY.	
	70916272	4	CAPSCREW, 3/8" NC x 1-1/4"	
	70904206	4	LOCKWASHER, 3/8"	
11	73104599	1	TUBE ASSY. (Used prior to unit no. 02452)	
	73056873	1	TUBE ASSY. (Effective with unit no 02452)	
12	73045705	1	TUBE ASSY. (Used prior to unit no. 02452)	
	73056874	1	TUBE ASSY. (Effective with unit no. 02452)	
	70916272	4	CAPSCREW, 3/8" NC x 2-1/4"	
	70904206	4	LOCKWASHER, 3/8"	
13	70923718	2	O-RING, 1-5/16" I. D.	
14	73048598	1	TUBE ASSY., left	
	73048599	1	TUBE ASSY., right	
	70923718	2	O-RING, 1-5/16" I. D.	
	70916274	8	CAPSCREW, 3/8" NC x 2-1/4"	
	70904206	8	LOCKWASHER, 3/8"	
15	73019133	4	CLIP	
	70915408	2	CAPSCREW, 3/8" NC x 3/4"	
	70916271	2	CAPSCREW, 3/8" NC x 1"	
	70911115	4	WASHER, SAE std. 3/8"	
	70904206	4	LOCKWASHER, 3/8"	
16	73046254	2	PIN	
	73044963	2	WASHER	
	70924130	2	NUT, 1-3/4" NC	
17	73046260	2	PIN	
	73044963	2	WASHER	
	70924130	2	NUT, 1-3/4" NC	
18	73054638	1	TUBE ASSY., left	
	73055810	1	TUBE ASSY., right	
	70923718	2	O-RING	
	70916272	8	CAPSCREW, 3/8" NC x 1-1/4"	
	70904281	8	CAPSCREW, 3/8" NC x 2-1/4"	
	70904206	8	LOCKWASHER, 3/8"	
				} Effective with loader s/n 96M02176, 23C02248
				} use as applicable



DUMP CYLINDER ASSEMBLY

T-75238

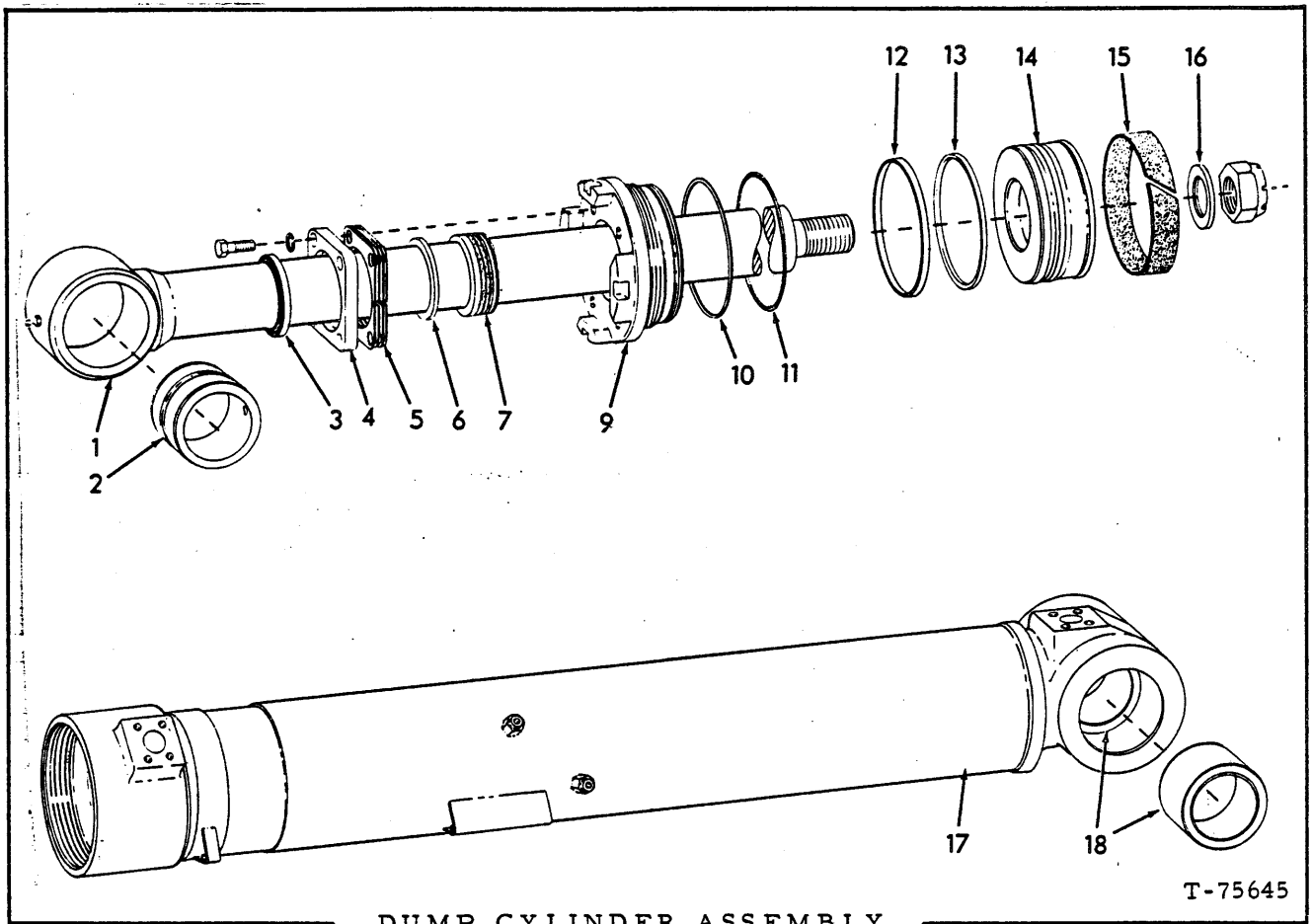
USAGE: Used prior to loader serial number 96M02176. See page 270.

ITEM	PART NO.	QTY.	DESCRIPTION
-	.....	1	CYLINDER ASSY. (order item 18 page 271 and † cylinder assy. page 274 for service replacement)
1	{ 73048975	1	ROD ASSY., piston L. H. cylinder (includes item 2)
	{ 73048976	1	ROD ASSY., piston R. H. cylinder (includes item 2)
	{ 70924729	1	LOCKNUT, 1-3/4" NC
2	73045092	1	BUSHING
3	73001538	1	† SEAL
4	73016405	1	PLATE
	70927597	4	CAPSCREW, drilled hd. 3/8" NC x 1-1/2"
5	.....	1	LOCKWIRE, 16 ga. x 17" (refer to item 22)
6	73016601	1	BEARING
7	73046830	1	† PACKING SET
8	73042745	1	HEAD ASSY., cylinder (includes items 3, 4, 6, 7)
9	73019967	1	RING, back-up
10	70924734	1	† O-RING
11	73001850	2	† RING
12	73042831	2	PISTON
13	73004549	1	† PACKING SET
14	{ 73047599	1	TUBE ASSY., left } includes items
	{ 73047600	1	TUBE ASSY., right } 15 and 16
15	73048591	1	TUBE ASSY.
16	73010347	2	BUSHING
17	{ 73048598	1	TUBE ASSY., left
	{ 73048599	1	TUBE ASSY., right
	70923718	1	O-RING
	70924281	4	CAPSCREW, 3/8" NC x 2-1/4"
	70910287	4	LOCKWASHER, 3/8"

(Continued)

DUMP CYLINDER ASSEMBLY (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
18	73019133	1	CLIP
	70915408	1	CAPSCREW, 3/8" NC x 3/4"
	70911115	1	WASHER, plain, 3/8"
	70910287	1	LOCKWASHER, 3/8"
19	73046254	1	PIN
	73044963	1	WASHER, spacer
	70924130	1	LOCKNUT, 1-3/4" NC
20	73046260	1	PIN
	73044963	1	WASHER, spacer
	70924130	1	LOCKNUT, 1-3/4" NC
21	73044526	1	REPAIR KIT, cylinder
22	73061917	1	LOCKWIRE (100' roll - use as required)



DUMP CYLINDER ASSEMBLY

T-75645

USAGE: Effective with loader serial number 96M02176, 23C02248.

NOTE: Quantity indicated is for one CYLINDER ASSY. only.

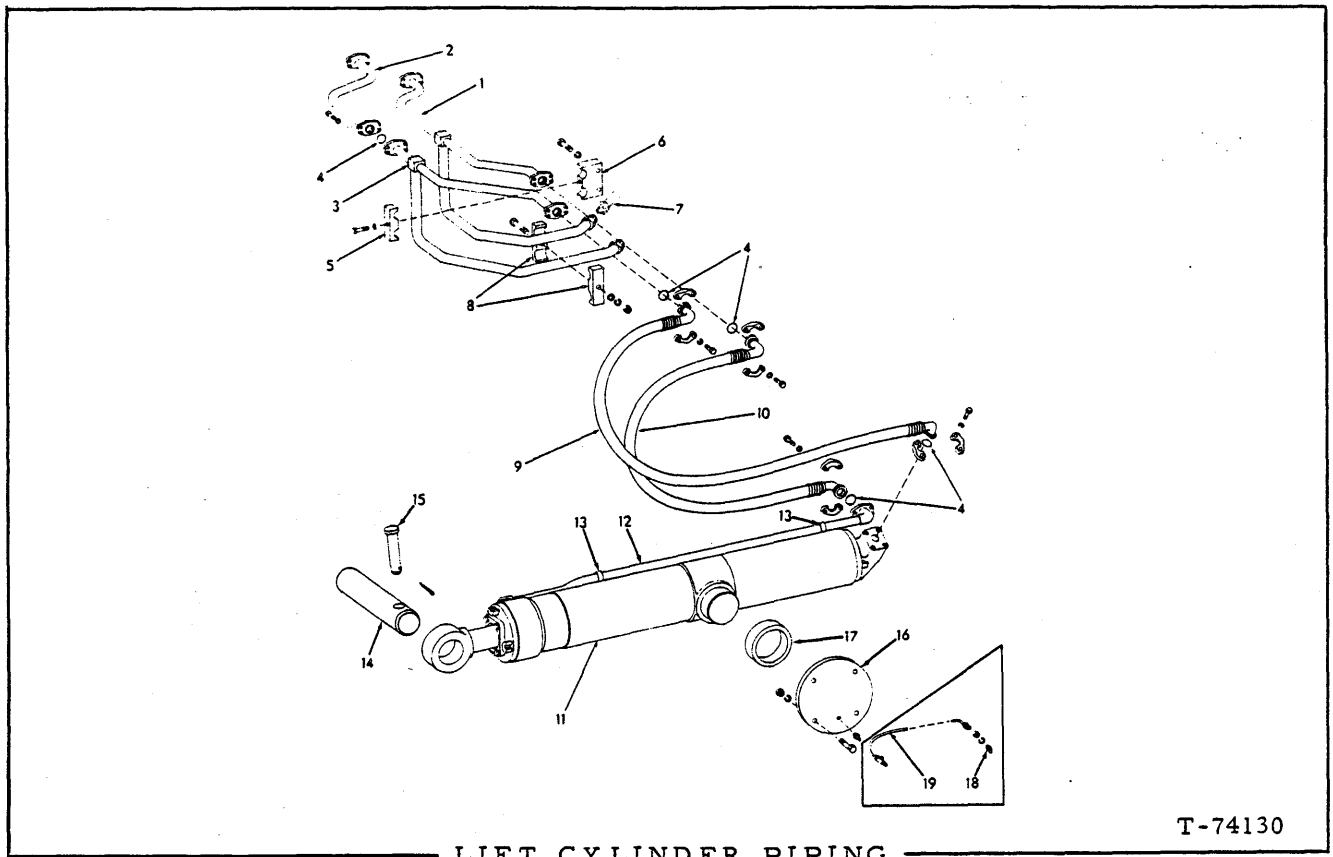
ITEM	PART NO.	QTY.	DESCRIPTION
-	{ 73058097	1	† CYLINDER ASSY., left (Includes items 1 thru 18)
	{ 73055798	1	† CYLINDER ASSY., right (Includes items 1 thru 18) (Used prior to unit no. 02669)
	{ 73058098	1	CYLINDER ASSY., right (Includes items 1 thru 18) (Effective with unit no. 02669)
1	{ 70914465	1	FITTING, lube, 1/8" NPT
	{ 73055800	1	ROD ASSY., (Used prior to unit no. 02669)
	{ 73058090	1	ROD ASSY. (Effective with unit no. 02669) } (Includes item 2)
	73073212	1	NUT, safety, 1-1/2" NF
2	73045092	1	BUSHING
3	73052879	1	WIPER
4	73059335	1	PLATE
	70914847	4	CAPSCREW, 3/8" NC x 1-1/2"
	70904206	4	LOCKWASHER, 3/8"

† used as service replacement prior to loader s/n 96M02176

(Continued)

DUMP CYLINDER ASSEMBLY (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
5	73054486	4	SHIM (.0299" thick)
6	-----	1	WASHER (Not required, order 1 73059335 END PLATE)
7	73053886	1	PACKING SET
8	73053885	1	BUSHING (Not Illustrated) (Use with early units)
9	73062208	1	HEAD
10	73063369	1	RING, back up
11	70931231	1	O-RING
12	73053357	1	RING
13	70926865	1	RING
14	73053356	1	PISTON
15	73053359	1	RING, wear
16	73053977	1	SPACER, rod
17	73054446	1	TUBE ASSY., right (Includes item 18)(Used prior to unit no. 2669)
	73058096	1	TUBE ASSY., right (Includes item 15)(Effective with unit no. 2669)
	73058095	1	TUBE ASSY., left (Includes item 18)
18	73010347	2	BUSHING
-	73056493	1	REPAIR KIT, cylinder (Includes items 3, 5, 7, 10, 11, 12, 13 and 15)



LIFT CYLINDER PIPING

T-74130

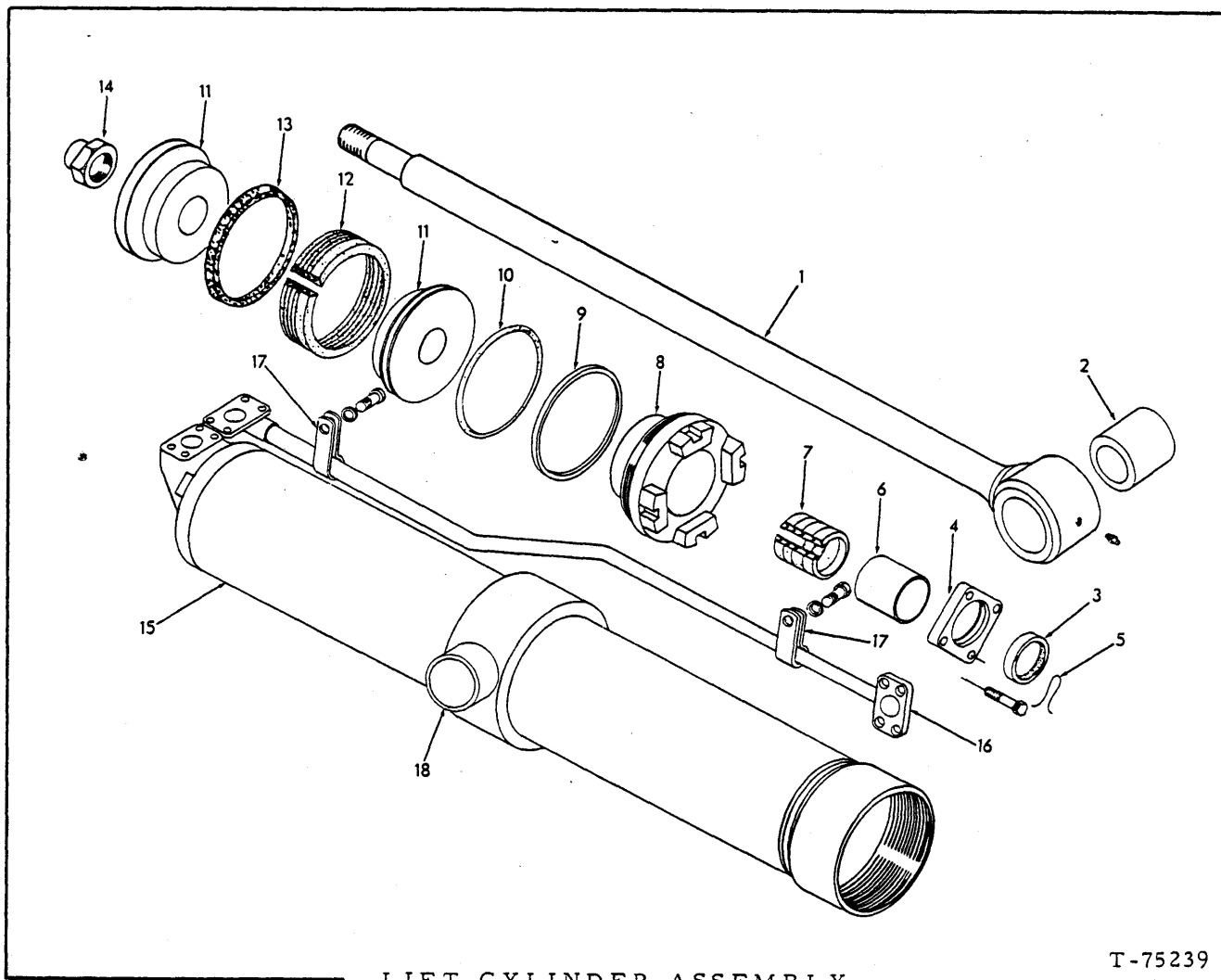
ITEM	PART NO.	QTY.	DESCRIPTION
1	73047480	1	TUBE ASSY. (Used prior to loader s/n 1789)
	73104600	1	TUBE ASSY. (Effective with loader s/n 1789)
2	73045755	1	TUBE ASSY. (Used prior to loader s/n 1789)
	73104814	1	TUBE ASSY. (Effective with loader s/n 1789)
	70916272	4	CAPSCREW, 3/8" NC x 1-1/4"
	70910287	4	LOCKWASHER, 3/8"
3	73104584	1	TUBE ASSY.
4	70923718	9	O-RING, 1-5/16" I. D.
5	73052340	2	CLAMP
	70914847	2	CAPSCREW, 3/8" NC x 1-1/2"
	70926180	2	WASHER, 7/16" I. D.
	73104804	-	SPACER (Use as req'd)
6	73045736	2	CLAMP
	70916273	4	CAPSCREW, 3/8" NC x 1-3/4"
	70915480	4	CAPSCREW, 3/8" NF x 1-3/4"
	70910287	4	LOCKWASHER, 3/8"
7	-----	2	HOSE (See HYDRAULIC PUMP & VALUE PIPING)
8	73045733	2	CLAMP, half
	70919015	1	CAPSCREW, 3/8" NC x 3-1/2"
	70926180	1	WASHER, 3/8" I. D.
	73104804	-	SPACER (Use as req'd)
	70918308	1	NUT, 3/8" NC

use as applicable

(Continued)

LIFT CYLINDER PIPING (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
9	{ 73045542	1	HOSE ASSY., left } See HOSE PARTS
	73045543	1		HOSE ASSY., right
	70921116	8	FLANGE, split, #16
	70916272	16	CAPSCREW, 3/8" NC x 1-1/4"
	70910287	16	LOCKWASHER, 3/8"
10	73045520	2	HOSE ASSY. (See HOSE PARTS) (For multi-purpose bucket see BUCKET CYLINDER ASSY.)
	70921116	8	FLANGE, split, #16
	70916272	16	CAPSCREW, 3/8" NC x 1-1/4"
	70910287	16	LOCKWASHER, 3/8"
11	-----	2	See LIFT CYLINDER ASSY.
12	{ 73045515	1	TUBE ASSY., left
	73045516	1	TUBE ASSY., right
	70916272	8	CAPSCREW, 3/8" NF x 1-1/4"
	70910287	8	LOCKWASHER, 3/8"
	70923718	2	O-RING, 1-5/16" I. D.
13	73053881	4	CLIP
	70916225	4	CAPSCREW, 3/8" NF x 1"
	70911115	4	WASHER, SAE std. . 3/8"
	70910287	4	LOCKWASHER, 3/8"
14	73046284	2	PIN
15	73013568	2	PIN
	70900811	2	PIN, cotter, 3/16" x 1-1/2"
16	{ 73100059	4	CAGE ASSY. (Includes item 17) (Used prior to loader serial no. 02452)
	73056870	4	CAGE ASSY. (Includes item 17) (Effective with loader serial no. 02452)
	70916422	16	CAPSCREW, 1/2" NF x 2-3/4"
	70904208	16	LOCKWASHER, 1/2"
	70911043	16	NUT, 1/2" NF
17	73100062	4	BUSHING
18	{ 73100272	2	FITTING, lube (Outer trunnion) (Used prior to loader s/n 1495)
	70914465	2	FITTING, lube, str., 1/8" NPT (Outer trunnion) (Effective with loader s/n 1495)
19	73032350	2	TUBE ASSY.
	70911049	2	NUT, 5/8" NF
	70904209	2	LOCKWASHER, 5/8"
	70914465	2	FITTING, 1/8" PTF (Effective with loader s/n 1439)
	-----	2	FITTING, lube (Used prior to loader s/n 1439- replace one each: 70901702 TEE, 70914465 FITTING, 70916634 NIPPLE, and 73100271 VALVE)
20	73100271	2	VALVE (Inner Trunnion)
	70901702	2	TEE, 1/8" NPT
	70916634	2	NIPPLE, pipe, 1/8" x 3/4"



LIFT CYLINDER ASSEMBLY

T-75239

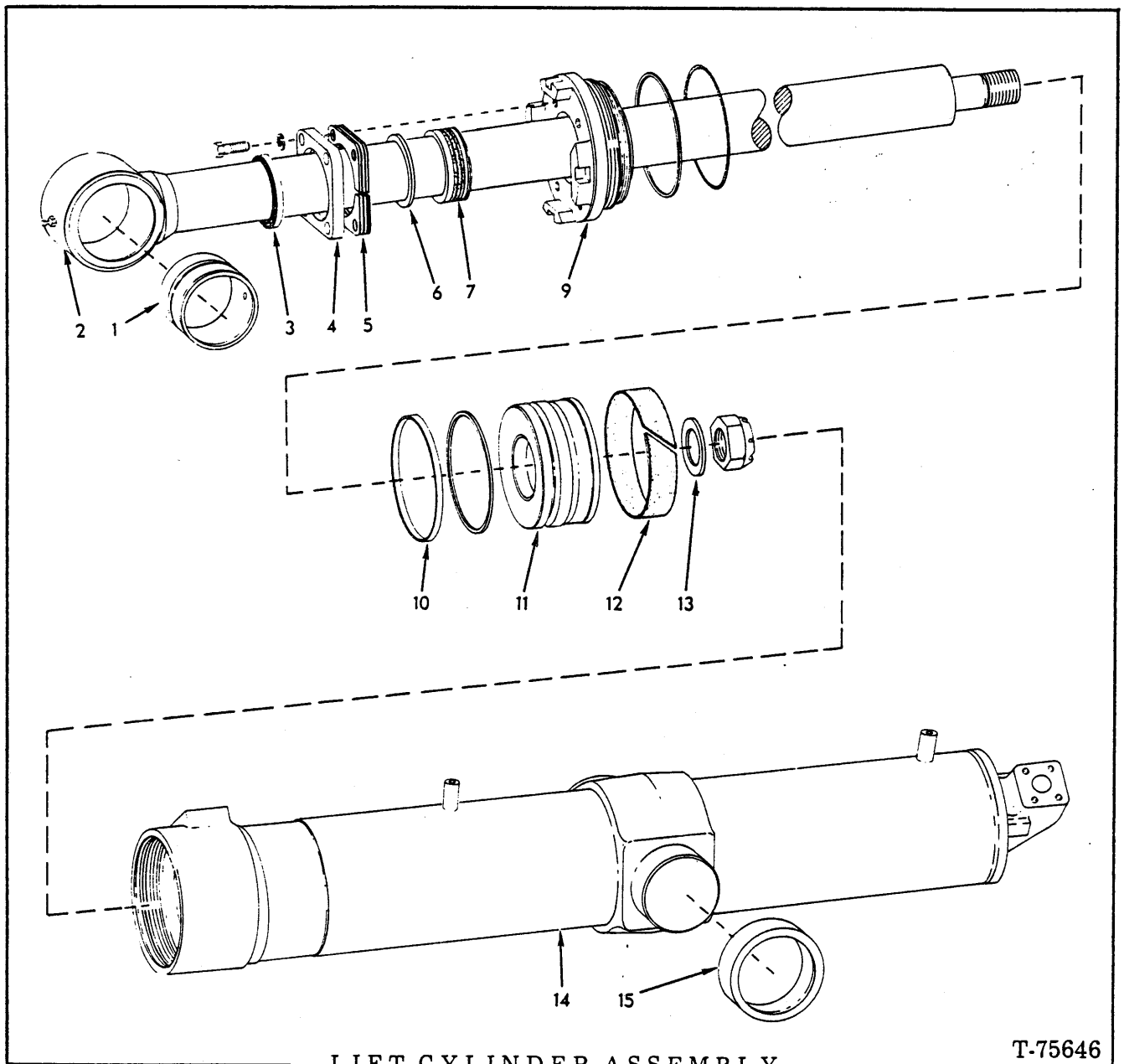
USAGE: Used prior to loader serial no. 96M02176
 NOTE: Quantity indicated is for ONE CYLINDER ASSY. only.

ITEM	PART NO.	QTY.	DESCRIPTION
-	-----	1	CYLINDER ASSY. (see page 280 for service replacement)
1	73045508	1	ROD ASSY., (includes item 2)
	70914465	1	FITTING, lube. str., 1/8" NPT
2	73045495	1	BUSHING
3	73008139	1	SEAL
4	73019937	1	PLATE, end
	73001090	4	CAPSCREW, drilled-hd. 1/2" x 1-3/4"
5	-----	1	LOCKWIRE, 16 ga. x 22" (obtain locally)
6	73019891	1	BEARING
7	73048684	1	PACKING SET
8	73045069	1	HEAD ASSY. (includes items 3, 4, 6, 7)

(Continued)

LIFT CYLINDER ASSEMBLY (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION	
9	73019839	1	RING, back-up	
10	70924195	1	O-RING, 7" I. D.	
11	73045496	2	PISTON	
12	73052043	1	PACKING SET	
13	73019828	2	RING, wear	
14	70925761	1	NUT	
15	{ 73054409	1	TUBE ASSY., cylinder L. H.	} includes item 18
	{ 73054410	1	TUBE ASSY., cylinder R. H.	
16	{ 73045515	1	TUBE ASSY., left hand cylinder	
	{ 73045516	1	TUBE ASSY., right hand cylinder	
	70916272	4	CAPSCREW, 3/8" NF x 1-1/4"	
	70910287	4	LOCKWASHER, 3/8"	
	70923718	1	O-RING, 1-5/16" I. D.	
17	73053881	2	CLIP, tube supporting	
	70916225	2	CAPSCREW, 3/8" NF x 1"	
	70911115	2	WASHER, plain, SAE std., 3/8"	
	70910287	2	LOCKWASHER, 3/8"	
18	73045463	2	BUSHING	
19	73048831	1	REPAIR KIT, (Includes items 3, 5, 7, 9, 10, 12, and 13)	



LIFT CYLINDER ASSEMBLY

T-75646

USAGE: Effective with loader serial no. 96M02176, 23C02248 and used as service replacement prior to s/n 96M02176, 23C02248.

NOTE: Quantity indicated is for one CYLINDER ASSY. only.

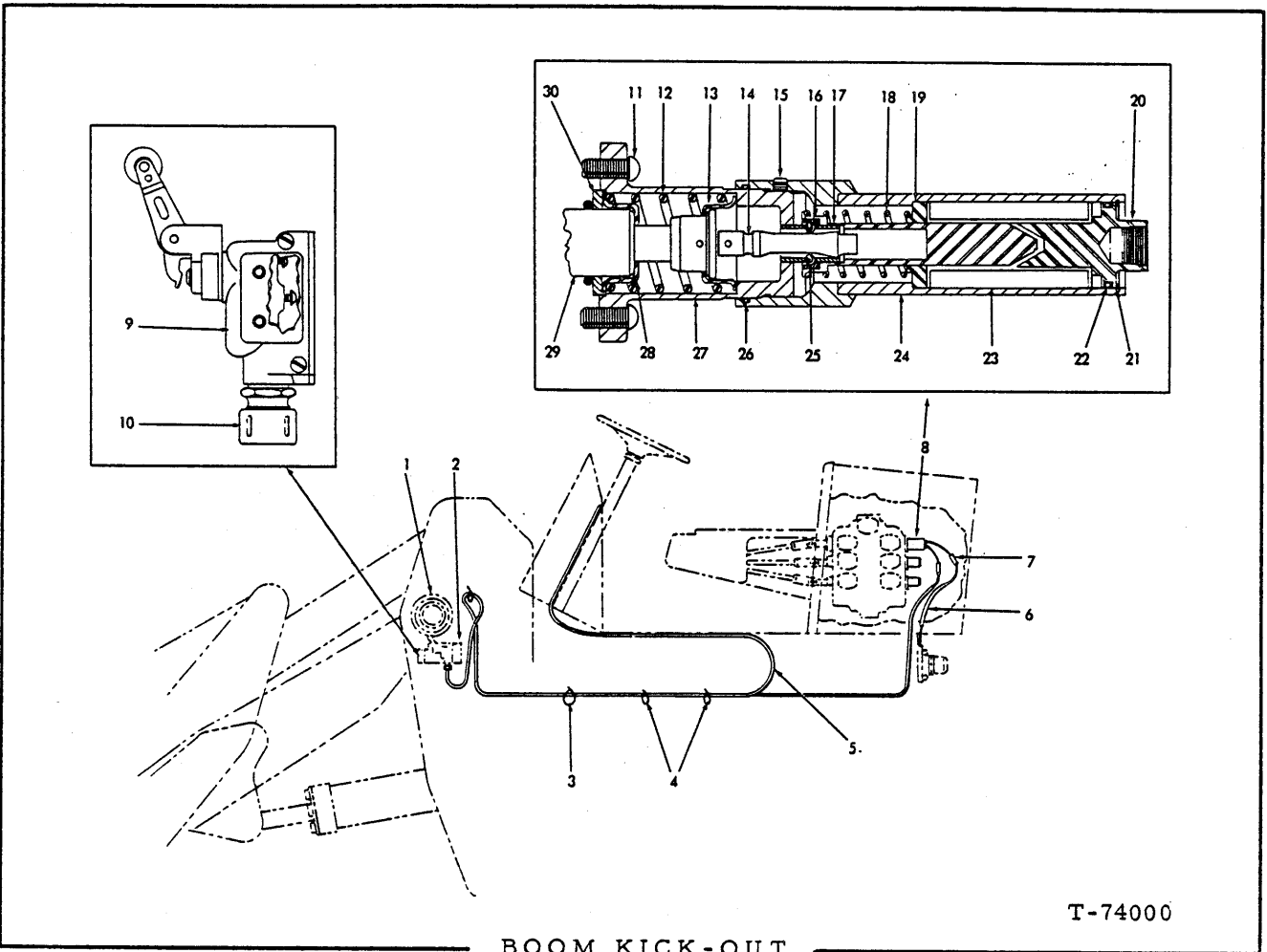
ITEM	PART NO.	QTY.	DESCRIPTION
-	{ 73064301	1	CYLINDER ASSY., left
	73064302	1	CYLINDER ASSY., right
1	73045495	1	BUSHING
2	73055789	1	ROD ASSY. (Includes item 1)
	70926392	1	LOCKNUT, 2" NF
3	73052942	1	† WIPER
4	73059354	1	PLATE
	70915987	4	CAPSCREW, 1/2" NC x 1-1/2"
	70912441	4	LOCKWASHER, 1/2"

(Continued)

LIFT CYLINDER ASSEMBLY (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
5	73054488	4	† SHIM (.0299" thick)
6	-----	-	WASHER, packing guide (order item 4 PLATE)
7	73054073	1	† PACKING SET
8	73054072	1	BUSHING (Not Illustrated) - use with early units)
9	73062202	1	HEAD
	73063370	1	† RING
	70925767	1	† O-RING
10	73053433	1	† RING, outer
11	73053418	1	PISTON
	70926840	1	† RING, inner
12	73053434	1	† RING, wear
13	73054108	1	SPACER
14	{ 73064299	1	TUBE ASSY., left (Includes item 15)
	73064300	1	TUBE ASSY., right (Includes item 15)
15	73045463	2	BUSHING
16	73056488	1	REPAIR KIT, cylinder

† included with item 16



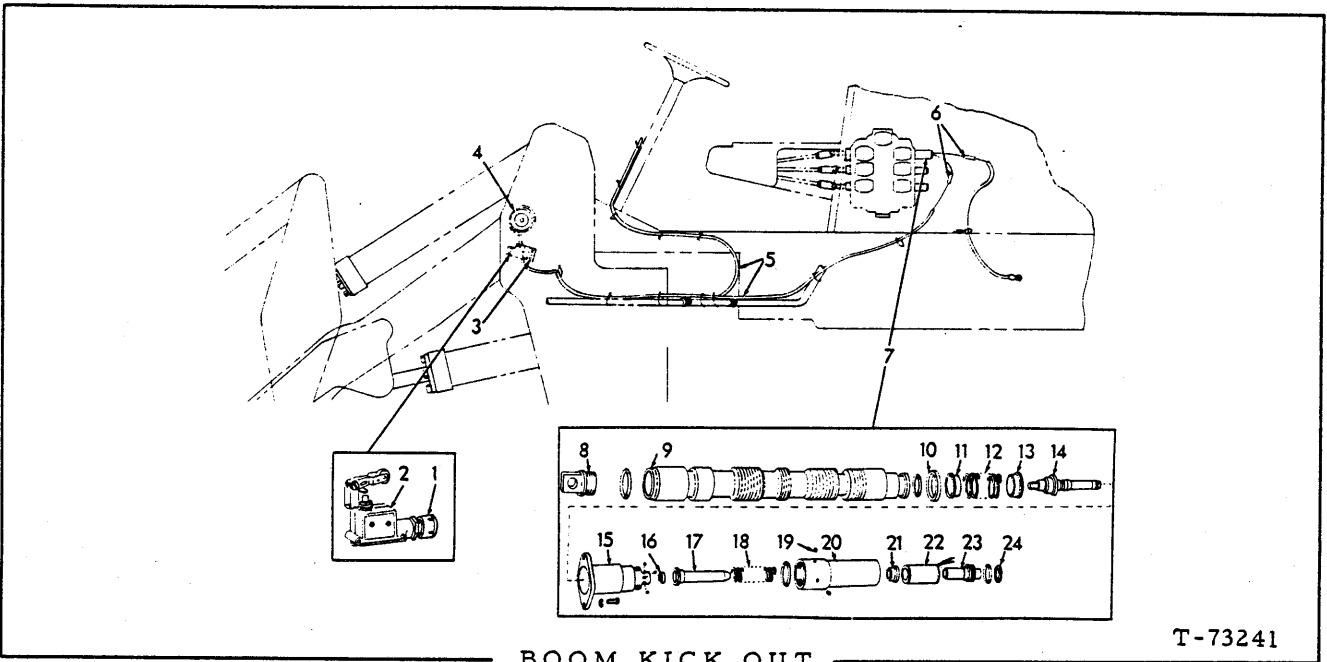
BOOM KICK-OUT
(Electric)

USAGE: Special equipment - Model 745 - see page 284 for model 745-H

ITEM	PART NO.	QTY.	DESCRIPTION
1	73050219	1	CLAMP ASSY. (Includes CAPSCREW and NUT indented below)
	70903631	1	CAPSCREW, 3/8"NC x 1-1/4"
	70912772	1	NUT, 3/8"NC
2	73050216	1	STRIP
	70916272	2	CAPSCREW, 3/8"NC x 1-1/4"
	70904206	2	LOCKWASHER, 3/8"
	70910324	2	NUT, 3/8"NC
3	70925094	14	CLIP, wire supporting
4	73050495	2	CLIP, wire supporting
5	73050256	1	HARNESS, wire (Used prior to loader serial No. 1717)
	73103964	1	WIRE ASSY. (Effective loader serial No. 1717)
6	73050257	1	WIRE (Used prior to loader serial No. 1717)
7	73052008	2	TERMINAL
8	73052682	1	SOLENOID ASSY. (Includes items 11 thru 30)

BOOM KICK-OUT (Continued)
(Electric)

ITEM	PART NO.	QTY.	DESCRIPTION
9	73057469	1	KIT, limit switch (Includes switch and instruction sheet)(Used prior to April 1971)
	73057468	1	SWITCH, limit (Effective with April 1971)
	70917447	2	SCREW, #10 x 1-3/4"
	70925201	2	NUT, locking, #10
10	73051797	1	CONNECTOR
11	70914392	2	SCREW
12	73044693	1	SPRING
13	73044692	1	RETAINER
14	73052660	1	STUD
15	70914839	2	SET SCREW
16	73051877	1	CAM
17	73052658	1	PLUNGER
18	73052657	1	SPRING
19	73051884	1	WASHER
20	73051881	1	STOP
21	70925993	1	RING
22	70923664	1	O-RING
23	73051880	1	COIL
24	73052659	1	HOUSING ASSY.
25	70925742	6	BALL
26	70923990	1	O-RING
27	73052656	1	COVER ASSY.
28	73052661	1	RETAINER
29	-----	1	SPOOL, dump (Not serviced)(Order item 8)
	70921206	1	O-RING
30	73044690	1	RETAINER
	70923577	1	O-RING



BOOM KICK OUT

T-73241

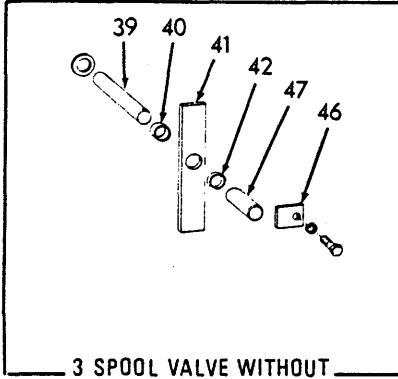
USAGE: Special Equipment - Model 745-H. See page 282 for Model 745.

ITEM	PART NO.	QTY.	DESCRIPTION	
1	73051797	1	CONNECTOR ASSY.	
	73057469	1	KIT, limit switch (Includes switch and instruction sheet) (Used prior to April 1, 1971)	
2	73057468	1		
	70917447	2	CAPSCREW, 3/8" NC x 1-3/4"	
	70925201	2		NUT, locking, 3/8" NC
3	73050216	1	STRIP	
	70916272	2	CAPSCREW, 3/8" NC x 1-1/4"	
	70904206	2		LOCKWASHER, 3/8"
	70910324	2	NUT, 3/8" NC	
4	73050219	1	CLAMP (Includes hardware indented below)	
	70903631	1		CAPSCREW, 3/8" NC x 1-1/4"
	70912772	1		NUT, 3/8" NC
5	73103964	1	WIRE ASSY.	
6	73052008	2	TERMINAL	
7	73052682	1	SOLENOID KIT (Includes items 8 thru 24)	
	73048691	1		SOLENOID KIT (Includes items 11 thru 24)
8	73044737	1	EYE	
	70921206	1	O-RING	
9	-----	1	SPOOL (Not serviced, order item 7)	
10	73044690	1	RETAINER	
	70923577	1		O-RING
11	73052661	1	RETAINER	

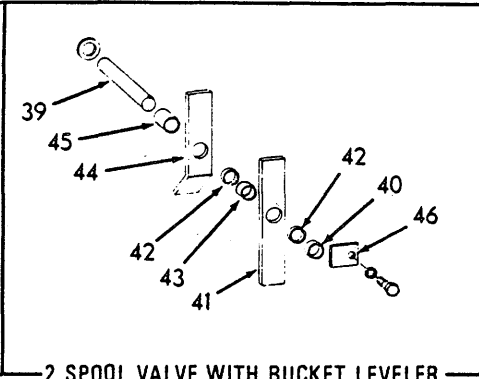
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BOOM KICK OUT (Continued)

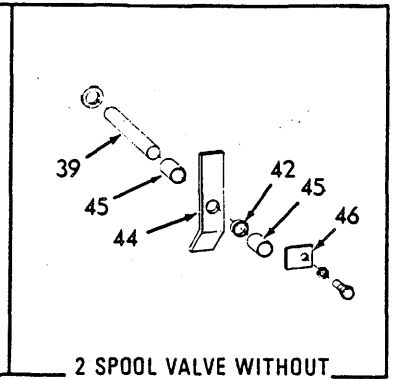
ITEM	PART NO.	QTY.	DESCRIPTION
12	73044693	1	SPRING
13	73044692	1	RETAINER
14	73052660	1	STUD ASSY. (Serviced only as a unit)
15	73052656	1	COVER ASSY.
	70914392	2	CAPSCREW, 5/16" NC x 1"
16	73051877	1	CAM
	70925742	6	BALL
17	73052658	1	PLUNGER
18	73052657	1	SPRING
19	73051885	2	SCREW
20	73052659	1	HOUSING
	70923990	1	O-RING
21	73051884	1	WASHER
22	73051880	1	COIL
23	73051881	1	PLUNGER
	70923664	1	O-RING
24	70925993	1	RING



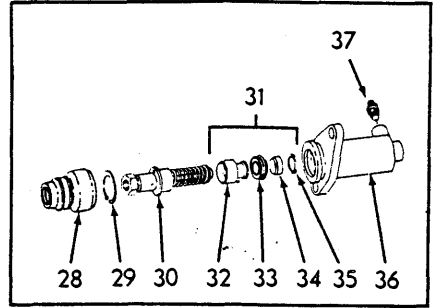
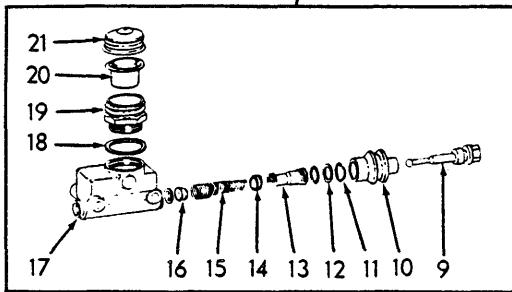
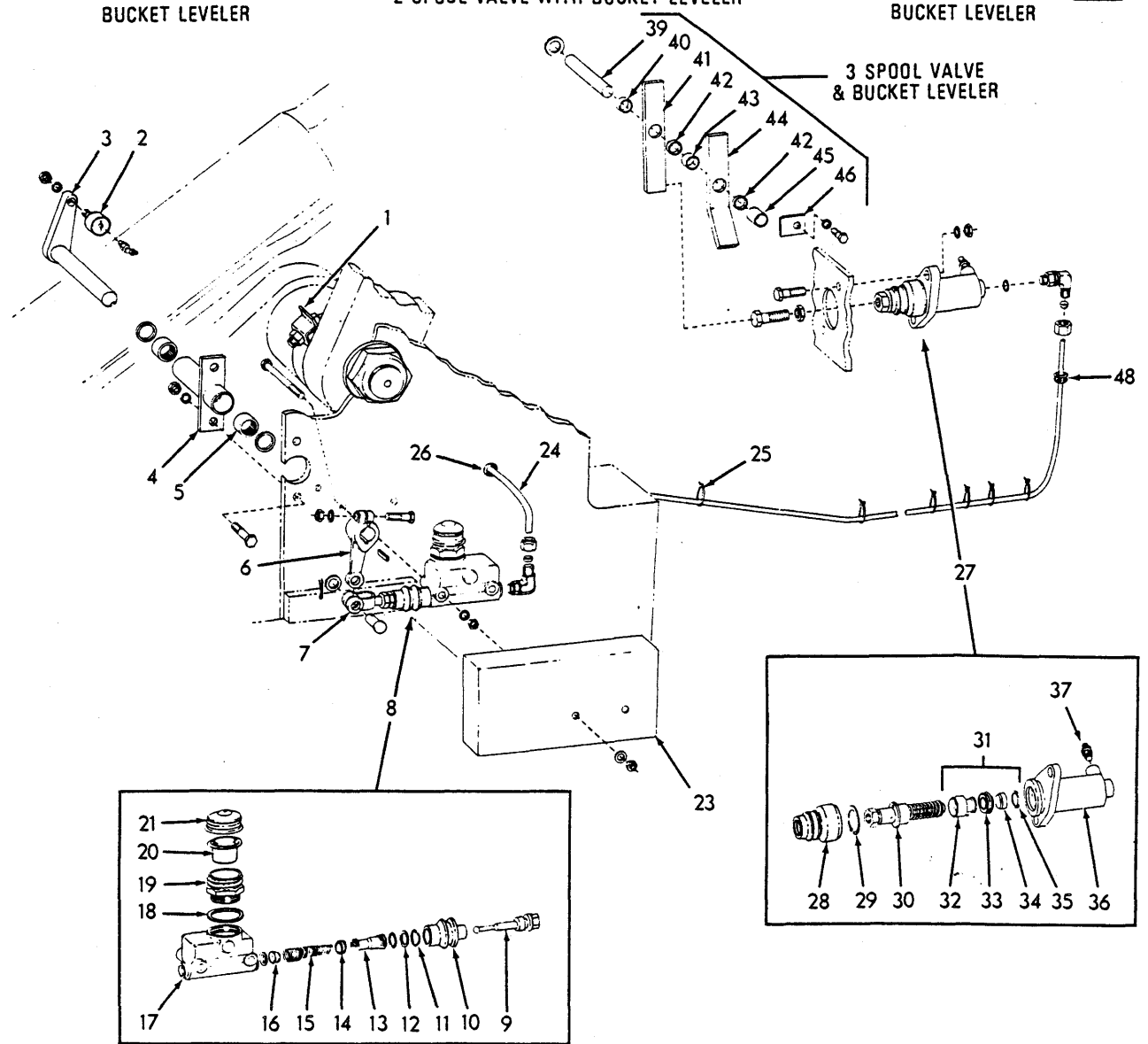
3 SPOOL VALVE WITHOUT
BUCKET LEVELER



2 SPOOL VALVE WITH BUCKET LEVELER



2 SPOOL VALVE WITHOUT
BUCKET LEVELER



T-76658

AUTOMATIC BOOM KICK-OUT

AUTOMATIC BOOM KICK-OUT

(Hydraulic)

USAGE: Special Equipment

ITEM	PART NO.	QTY.	DESCRIPTION
1	73058894	1	CLAMP ASSY. (Includes capscrew)
2	70684010	1	CAM
	70904207	1	LOCKWASHER, 7/16"
	70911042	1	NUT, 7/16" NF
	70917889	1	FITTING, lube, 65°, 3/16" drive type.
3	73058902	1	LEVER
4	73058935	1	BRACKET ASSY. (Includes item 5)
	70914847	2	CAPSCREW, 3/8" NC x 1-1/2"
	70904206	2	LOCKWASHER, 3/8"
	70910324	2	NUT, 3/8" NC
5	70929241	2	BEARING
6	73058897	1	LEVER
	70925225	1	KEY, flat, 1/8" x 3/16" x 61/64"
	70914847	1	CAPSCREW, 3/8" NC x 1-1/2"
	70904206	1	LOCKWASHER, 3/8"
	70910324	1	NUT, 3/8" NC
7	73058896	1	YOKE
	70910324	1	NUT, 3/8" NC
	70917648	1	PIN, connecting, lever
	70900806	1	PIN, cotter, 1/8" x 1"
8	73058934	1	CYLINDER ASSY. (Includes items 9 thru 21)
	70916275	2	CAPSCREW, 3/8" NC x 3-3/4"
	70904206	2	LOCKWASHER, 3/8"
	70910324	2	NUT, 3/8" NC
9	73059079	1	ROD
10	73058979	1	BOOT
11	73058978	1	LOCKWIRE
12	-----	1	PLATE, (Order item 22)
13	-----	1	PISTON ASSY. (Includes 1 O-RING 70929194)(Order item 22)
	70929194		O-RING
14	73058975	1	CUP
15	73058974	1	SPRING ASSY.
16	-----	1	VALVE ASSY. (Order item 22)
17	-----	1	HOUSING (Order item 8)
18	73058981	1	GASKET
19	73058982	1	ADAPTER
20	73058983	1	DIAPHRAGM
21	73058984	1	CAP

(Continued)

AUTOMATIC BOOM KICK-OUT (Continued)
(Hydraulic)

ITEM	PART NO.	QTY.	DESCRIPTION
22	73058985	1	REPAIR KIT, (Consists of items 10 thru 14 and 16)
23	73058931	1	COVER
	70911115	2	WASHER, plain, SAE std., 3/8"
	70910324	2	NUT, 3/8" NF
24	-----	-	TUBE (Order 108" of part no. 73059021)(See NOTE A)
	70928625	2	ELBOW ASSY. compression type (Includes SLEEVE, NUT, and O-RING indented below)
	70930350	2	SLEEVE
	70930351	2	NUT
	70921883	2	O-RING, 11/32" I. D.
25	70925094	6	CLIP
26	70912765	1	GROMMET
27	73057432	1	CYLINDER ASSY. (Includes items 28 thru 37)
	70916272	2	CAPSCREW, 3/8" NC x 1-1/4"
	70904206	2	LOCKWASHER, 3/8"
	70910324	2	NUT, 3/8" NC
	70913105	1	CAPSCREW, 1/2" NF x 1-1/2"
	70913177	1	NUT, 1/2" NF
28	70067487	1	BOOT
29	70927694	1	RING
30	73058960	1	ROD ASSY. (Serviced only as a unit)
31	73058959	1	PISTON ASSY. (Includes items 32 thru 35)
32	-----	1	PISTON (Order item 31)
33	73058962	1	CUP
34	73058963	1	RETAINER
35	70927783	1	RING
36	-----	1	HOUSING (Order item 27)
37	70638413	1	SCREW
38	73058961	1	REPAIR KIT (Consists of items 28, 29, 33, 34, 35 and LOCK-WIRE) (LOCKWIRE not required for this application)
39	73057869	1	SHAFT
	70910255	1	WASHER, plain, 3/4"
40	73057188	1	SPACER, 11/16" long.
41	73057875	1	LEVER ASSY. (Includes one item 42)
42	73057872	2	BUSHING
43	73057197	1	SPACER, 3/4" long.

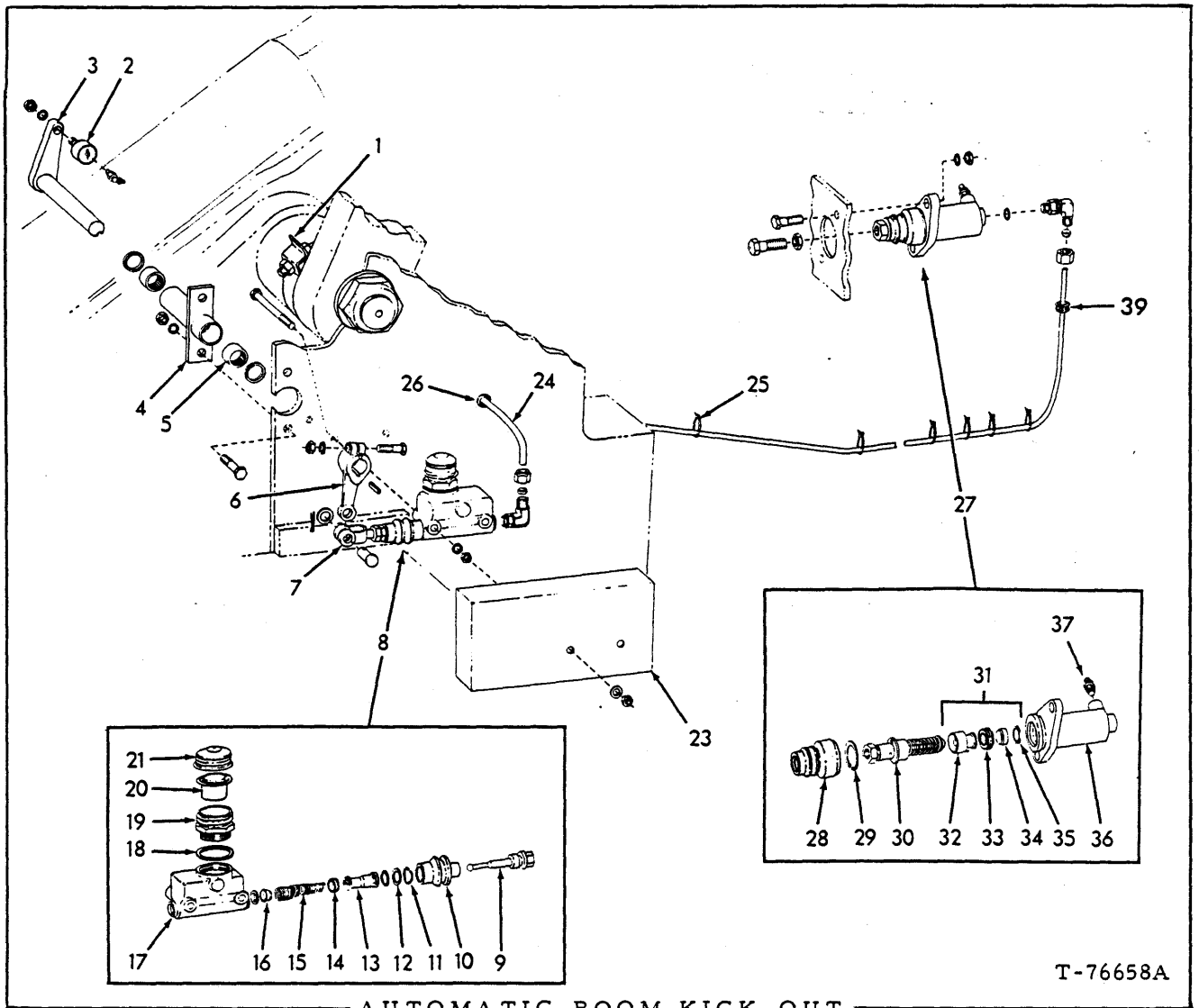
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AUTOMATIC BOOM KICK-OUT (Continued)
(Hydraulic)

ITEM	PART NO.	QTY.	DESCRIPTION
44	73057876	1	LEVER ASSY. (Includes one item 42)
45	73057198	1	SPACER, 1-5/8" long.
46	73057868	1	TAB
	70916284	1	CAPSCREW, 1/4" NC x 1/2"
	70904204	1	LOCKWASHER, 1/4"
47	73058106	1	SPACER, 2-15/16" long.
48	-----	-	CHANNEL, rubber (Order 7" of 73048123)(See NOTE B)

NOTE A: Factory supplies 100 foot roll.
Dealer will supply cut length or 100 foot roll.

NOTE B: Factory supplies 25 foot roll.
Dealer will supply cut length or full roll.



T-76658A

AUTOMATIC BOOM KICK-OUT
(Single Lever Control)

USAGE: Special Equipment

ITEM	PART NO.	QTY.	DESCRIPTION
1	73058894	1	CLAMP ASSY., (Includes capscrew)
2	70684010	1	CAM
	70904207	1	LOCKWASHER, 7/16"
	70911042	1	NUT, 7/16" NF
	70917889	1	FITTING, lube, 65°, 3/16" drive type
3	73058902	1	LEVER
4	73058935	1	BRACKET ASSY., (Includes item 5)
	70914847	2	CAPSCREW, 3/8" NC x 1-1/2"
	70904206	2	LOCKWASHER, 3/8"
	70910324	2	NUT, 3/8" NC
5	70929241	2	BEARING

(Continued)

AUTOMATIC BOOM KICK-OUT (Continued)
(Single Lever Control)

ITEM	PART NO.	QTY.	DESCRIPTION
6	73058897	1	LEVER
	70925225	1	KEY, flat, 1/8" x 3/16" x 61/64"
	70914847	1	CAPSCREW, 3/8" NC x 1-1/2"
	70904206	1	LOCKWASHER, 3/8"
	70910324	1	NUT, 3/8" NC
7	73058896	1	YOKE
	70910324	1	NUT, 3/8" NC
	70917648	1	PIN, connecting, lever
	70900806	1	PIN, cotter, 1/8" x 1"
8	73058934	1	CYLINDER ASSY., master (Includes items 9 thru 21)
	70916275	2	CAPSCREW, 3/8" NC x 3-3/4"
	70904206	2	LOCKWASHER, 3/8"
	70910324	2	NUT, 3/8" NC
9	73059079	1	ROD
10	73058979	1	BOOT
11	73058978	1	LOCKWIRE
12	-----	1	PLATE (Order item 22)
13	-----	1	PISTON ASSY. (Includes 1 O-RING 70929194) (Order item 22)
	70929194	1	O-RING
14	73058975	1	CUP
15	73058974	1	SPRING ASSY.
16	-----	1	VALVE ASSY. (Order item 22)
17	-----	1	HOUSING (Order item 8)
18	73058981	1	GASKET
19	73058982	1	ADAPTER
20	73058983	1	DIAPHRAGM
21	73058984	1	CAP
22	73058985	1	REPAIR KIT (Consists of items 10 thru 14 and 16)
23	73058931	1	COVER
	70911115	2	WASHER, plain, SAE std., 3/8"
	70910324	2	NUT, 3/8" NC
24	-----	-	TUBE (Order 108" of part no. 73059021) (See NOTE A)
	70928625	2	ELBOW ASSY., compression type (Includes nut, sleeve and O-RING indented below)
		2	SLEEVE
	70921883	2	NUT
		2	O-RING, 11/32" I. D.
	25	70925094	6	CLIP
26	70912765	1	GROMMET

(Continued)

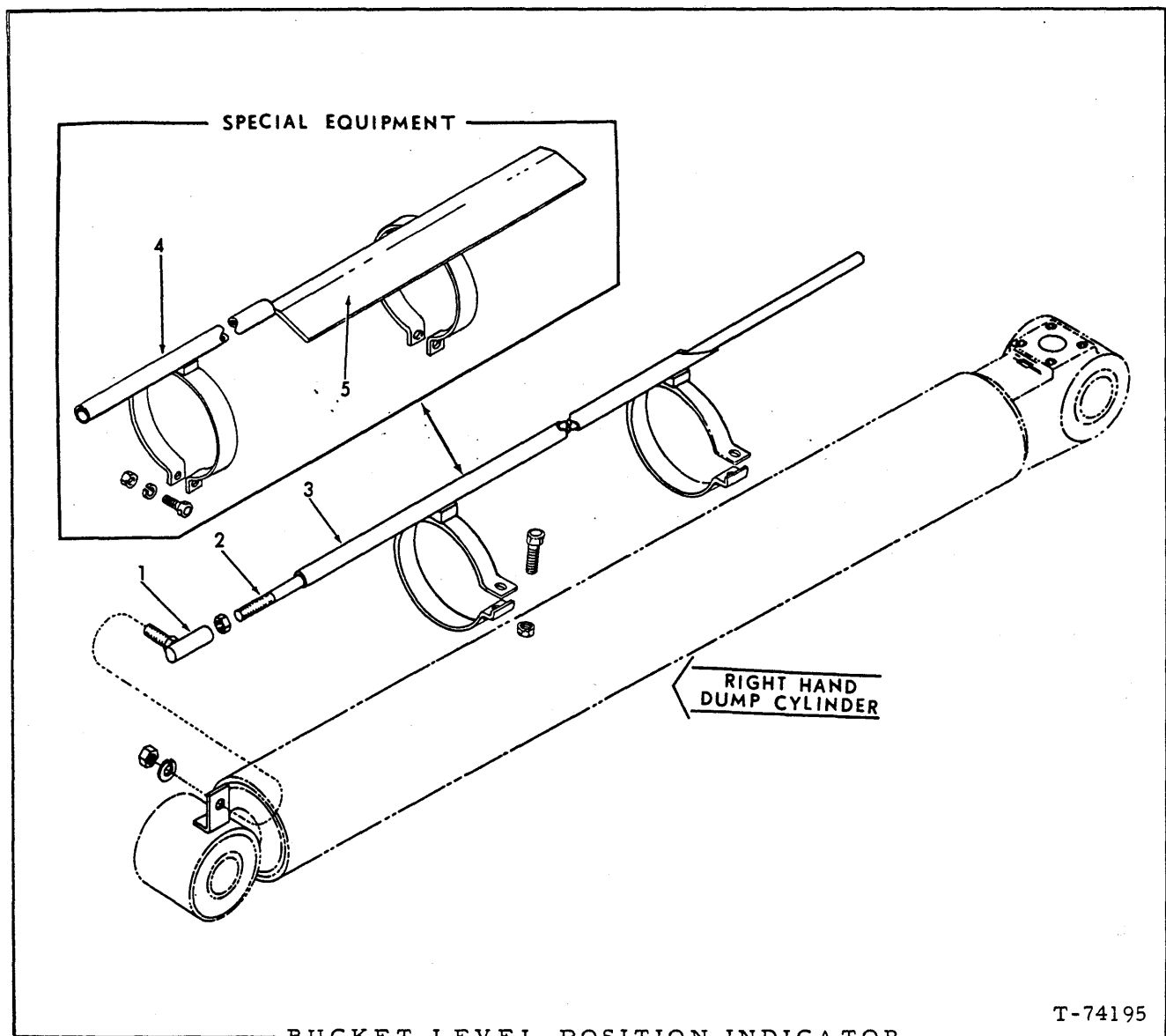
AUTOMATIC BOOM KICK-OUT (Continued)
(Single Lever Control)

ITEM	PART NO.	QTY.	DESCRIPTION
27	73057432	1	CYLINDER ASSY. slave (Includes items 28 thru 37)
	70916272	2	CAPSCREW, 3/8" NC x 1-1/4"
	70904206	2	LOCKWASHER, 3/8"
	70910324	2	NUT, 3/8" NC
	70913105	1	CAPSCREW, 1/2" NF x 1-1/2"
	70913177	1	NUT, 1/2" NF
28	70067487	1	BOOT
29	70927694	1	RING
30	73058960	1	ROD ASSY. (Serviced only as a unit)
31	73058959	1	PISTON ASSY. (Includes items 32 thru 35)
32	-----	1	PISTON (Order item 31)
33	73058962	1	CUP
34	73058963	1	RETAINER
35	70927783	1	RING
36	-----	1	HOUSING (Order item 27)
37	70638413	1	SCREW
38	73058961	1	REPAIR KIT (Consists of items 28, 29, 33, 34, 35 and lockwire) (Lockwire not required for this application)
39	-----	-	CHANNEL (Order 7" of 73048123 (See NOTE B)

NOTE A: Tubing is supplied in 100 foot rolls only. Dealer will supply cut length or 100 foot roll.

NOTE B: Factory will provide 25 foot roll. Dealer will supply cut length or full roll.

(Also see PACKAGED PARTS)



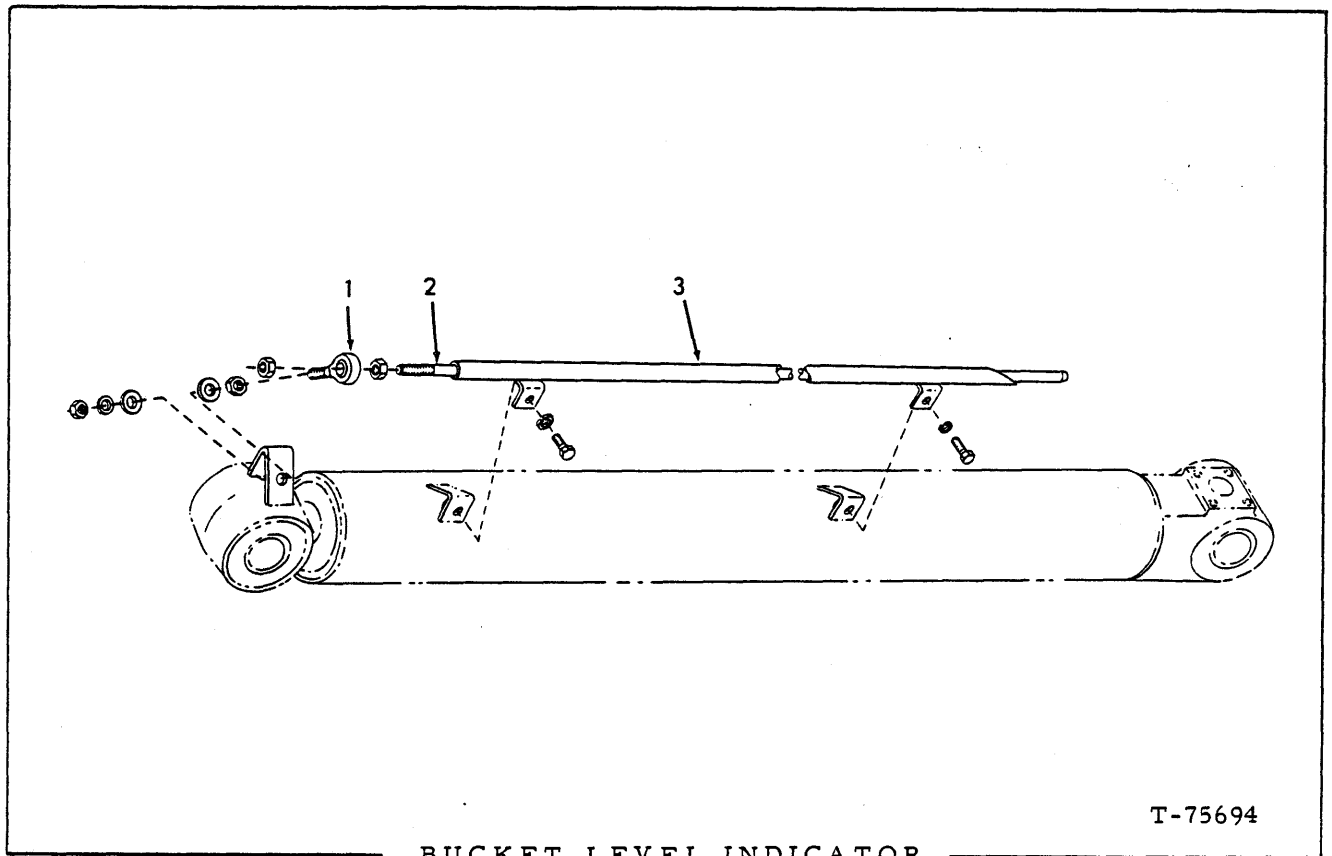
T-74195

BUCKET LEVEL POSITION INDICATOR

USAGE: Used prior to loader serial no. 96M02669, 23C02669

ITEM	PART NO.	QTY.	DESCRIPTION
1	70925042	1	JOINT, ball, 1/2" NF
	70904208	1	LOCKWASHER, 1/2"
	70911043	1	NUT, 1/2" NF
2	73048936	1	ROD
	70913177	1	NUT, jam, 1/2" NC
3	73048937	1	TUBE ASSY. (Std. Equipment - includes hardware indented below)
	73052050	1	TUBE ASSY. (Special Equipment for Bucket Leveler - includes hardware indented below)
	70916272	2	CAPSCREW, 3/8" NC x 1-1/4"
	70910324	2	NUT, 3/8" NC
4	70664550	1	TUBE ASSY. (Includes hardware indented below
	70070960	2	CAPSCREW, 3/8" NC x 1-1/2"
	70904206	2	LOCKWASHER, 3/8"
	70911026	2	NUT, 3/8" NC
5	-----	1	TRANSFER (See PAINTING AND MARKING)

} Special Equipment for use with multi-purpose bucket

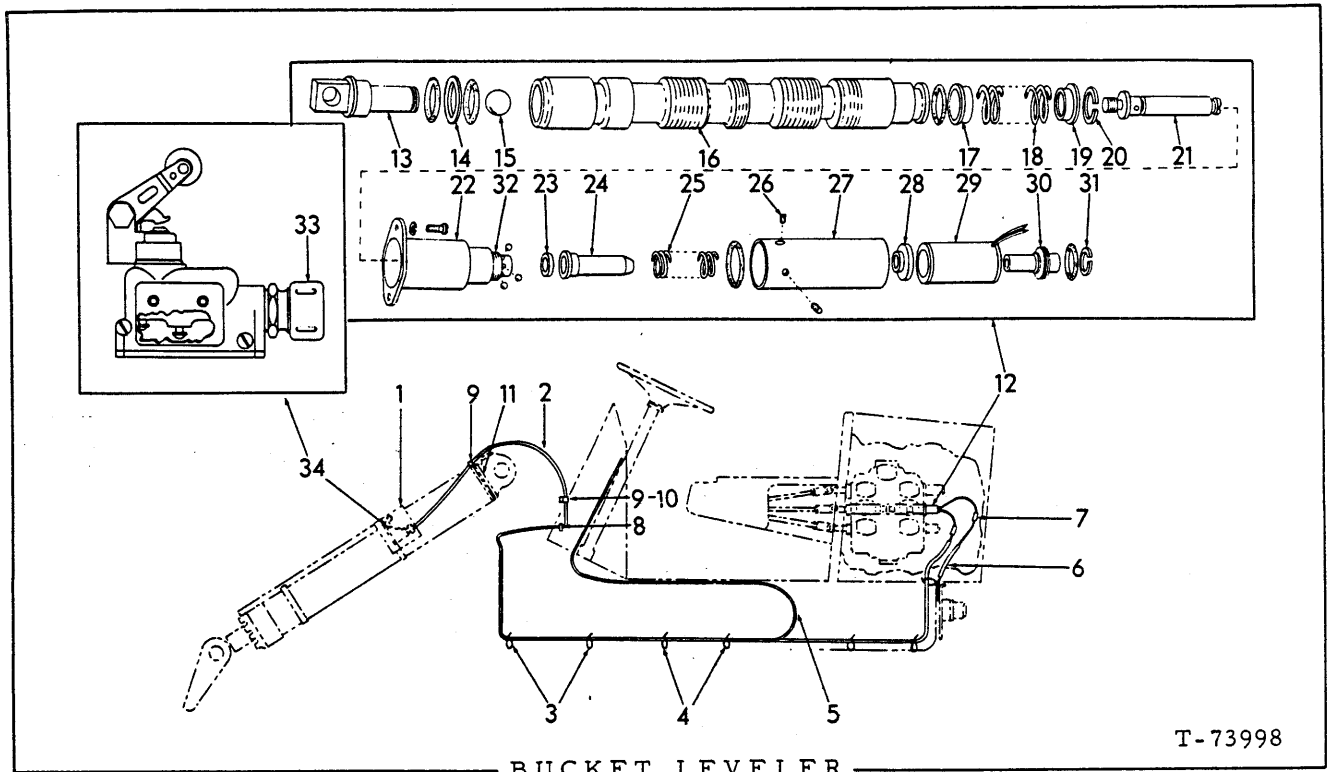


T-75694

BUCKET LEVEL INDICATOR

NOTE: Effective with loader serial no. 96M02669, 23C02669

ITEM	PART NO.	QTY.	DESCRIPTION
1	73045248	1	BEARING
	70904208	1	LOCKWASHER, 1/2"
	70910244	2	WASHER, plain, 1/2"
	70911043	2	NUT, 1/2" NF
2	73057583	1	ROD
	70910325	2	NUT, 1/2"
3	73057966	1	PIPE ASSY., bucket position
	70916271	2	CAPSCREW, 3/8" NC x 1"
	70904206	2	LOCKWASHER, 3/8"



T-73998

BUCKET LEVELER

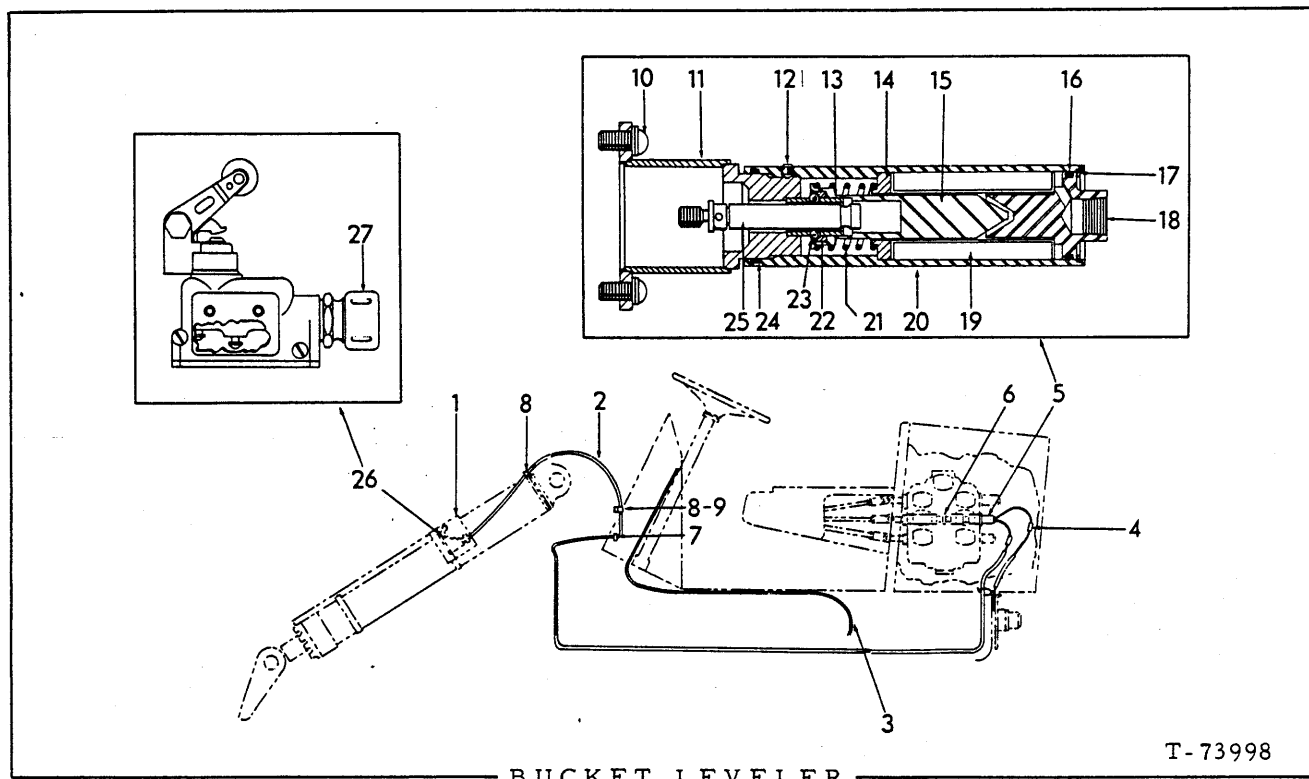
USAGE: Special equipment - Model 745. See page 297 for Model 745-H.

ITEM	PART NO.	QTY.	DESCRIPTION
1	73050163	2	STRIP
	70922257	2	BOLT, 1/4"NC x 6"
	70904204	2	LOCKWASHER, 1/4"
	70916622	2	NUT, 1/4"NC
	70922491	1	PLUG, button, 1"
2	73052080	1	COIL
3	70925442	14	CLIP
4	73050495	2	CLIP
5	73052092	1	HARNASS, wiring (Used prior to loader serial No. 1717)
	73103963	1	WIRE ASSY. (Effective loader serial No. 1717 and up)
6	73050257	1	WIRE ASSY. (Used prior to loader serial No. 1717)
7	73052008	2	BULLET, terminal male
8	70925425	1	GROMMET
9	70925613	2	CLIP
	70916273	1	CAPSCREW, 3/8"NC x 1-3/4"
	70911115	1	WASHER, plain, 3/8"
	70904206	1	LOCKWASHER, 3/8"
	70910324	1	NUT, 3/8"NC
10	73029917	1	SPACER
11	73048627	1	CLAMP ASSY. (Includes following Capscrew and Nut)
	70916272	1	CAPSCREW, 3/8"NC x 1-3/4"
	70910324	1	NUT, 3/8"NC
12	73052683	1	SOLENOID KIT, release and dump spool (Consists of items 13 thru 32)
	73048690	1	SOLENOID KIT, release (Consists of items 21 thru 32)

FIRST TYPE

(Continued)

BUCKET LEVELER (Continued)			
ITEM	PART NO.	QTY.	DESCRIPTION
13	73046944	1	EYE
	70921206	1	O-RING
14	73046946	1	RING, back-up
	70923561	1	O-RING
15	73044770	1	BALL
16	-----	1	SPOOL, bucket (Not serviced, order item 12)
	70923577	1	O-RING, sealing
17	73044690	1	RETAINER
18	73044693	1	SPRING
19	73044692	1	RETAINER
20	73044694	1	RING
21	73051874	1	STUD ASSY., detent (Serviced only as a unit)
22	73051875	1	COVER ASSY.
	73044696	2	SCREW
	70925742	6	BALL
23	73051877	1	DETENT
24	73051883	1	PLUNGER
25	73051878	1	SPRING
26	73051885	2	SCREW
27	73051879	1	HOUSING
	70923865	1	O-RING
28	73051884	1	WASHER
29	73051880	1	COIL, 24 volt
30	73051881	1	PLUNGER
	70923664	1	O-RING
31	73051882	1	RING
32	73051876	1	RETAINER
33	73051797	1	CONNECTOR
34	73057469	1	KIT, limit switch (Includes switch and instruction sheet)(Used prior to April 1, 1971)
	73057468	1	SWITCH, limit (Effective April 1, 1971)
	70917447	2	SCREW, #10 NC x 1-3/4"
	70925201	2	NUT, locking, 1/4"NC



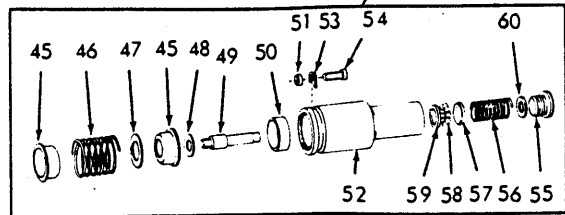
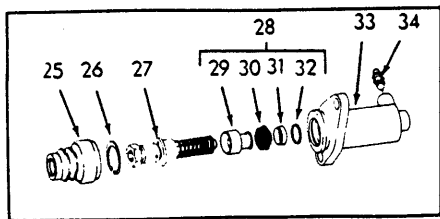
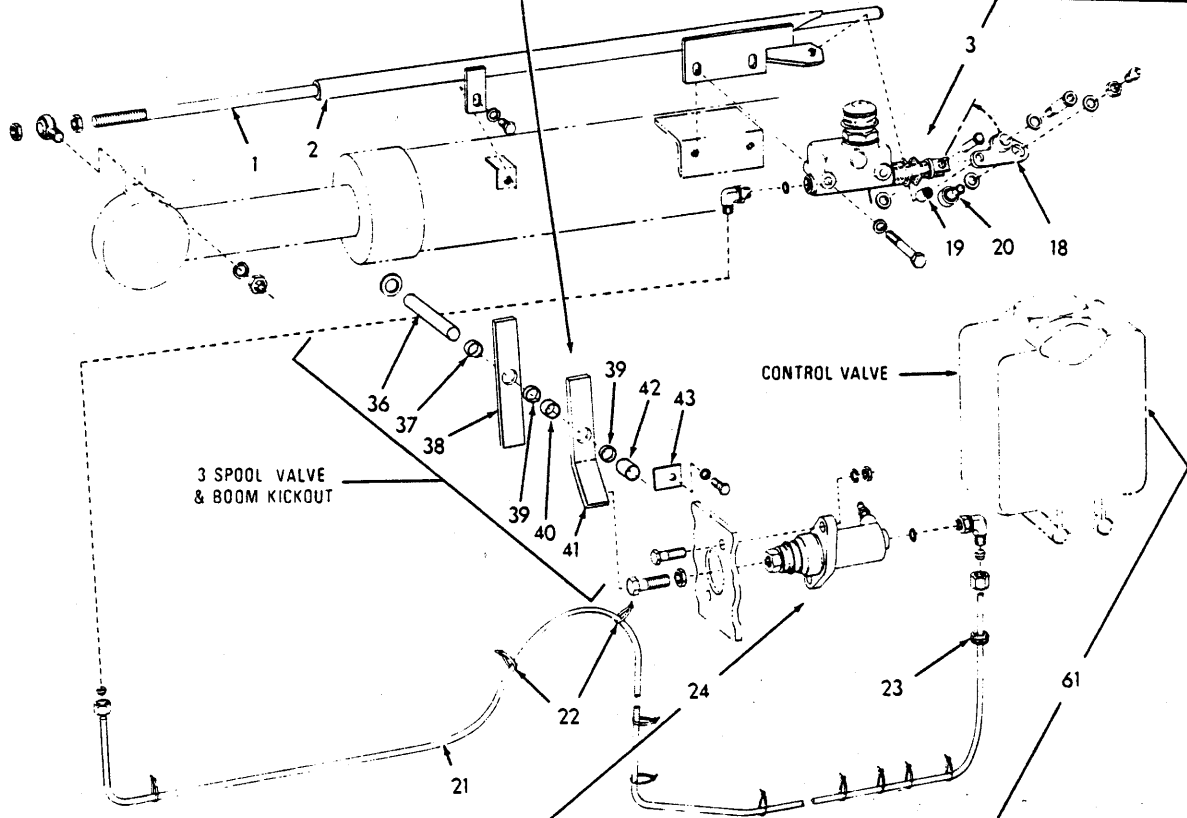
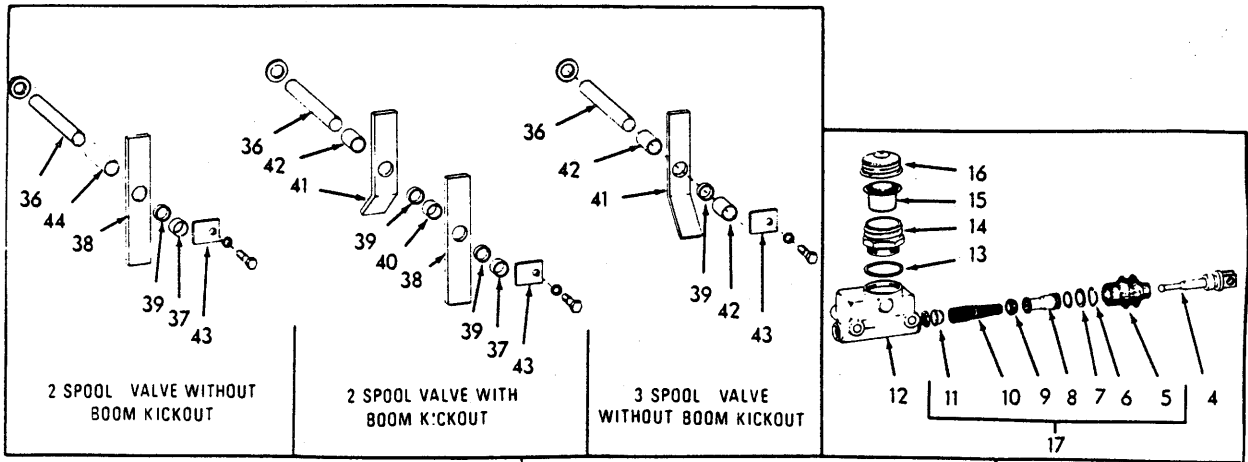
USAGE: Special equipment.- Model 745-H. See page 295 for Model 745.

ITEM	PART NO.	QTY.	DESCRIPTION
1	73050163	2	STRIP
	70922257	2	BOLT, 1/4"NC x 6"
	70916964	2	LOCKWASHER, pltd., 1/4"
	70920435	2	NUT, cd. pltd., 1/4"NC
	70922491	1	PLUG, button, 1"
2	73052080	1	COIL
3	73103963	1	WIRE ASSY.
4	73052008	2	TERMINAL
5	73048690	1	SOLENOID ASSY. (Includes items 10 thru 25)
6	-----	1	SPOOL (Order complete CONTROL VALVE ASSY.)
7	70925425	1	GROMMET
8	70925613	2	CLIP
	70921971	1	CAPSCREW, cd. pltd., 3/8"NC x 1-3/4"
	70918266	1	LOCKWASHER, ext. - int. tooth, 3/8"
	70916965	1	LOCKWASHER, pltd., 3/8"
	70916950	1	NUT, cd. pltd., 3/8"NC
9	73029917	1	SPACER
10	73044696	2	SCREW
11	73051875	1	COVER ASSY.
12	73051885	2	SETSCREW

(Continued)

BUCKET LEVELER (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
13	73051876	1	RETAINER
14	73051884	1	WASHER
15	73051883	1	PLUNGER
16	70923664	1	O-RING
17	73051882	1	RING
18	73051881	1	PLUNGER
19	73051880	1	COIL
20	73051879	1	HOUSING
21	73051878	1	SPRING
22	73051877	1	CAM
23	70925742	6	BALL
24	70923865	1	O-RING
25	73051874	1	STUD ASSY.
26	73057469	1	KIT, limit switch (Includes switch and instruction sheet) (Used prior to April 1, 1971)
	73057468	1	SWITCH, limit (Effective April 1, 1971)
	70917447	2	SCREW, #10 NC x 1-3/4"
	70925201	2	NUT, locking, 1/4"NC
27	73051797	1	CONNECTOR



T-76654

AUTOMATIC BUCKET LEVELER
(Hydraulic)
300

AUTOMATIC BUCKET LEVELER
(Hydraulic)

USAGE: Special equipment

ITEM	PART NO.	QTY.	DESCRIPTION
1	73058457	1	ROD
	73045248	1	BEARING
	70912441	1	LOCKWASHER, 1/2"
	70911043	2	NUT, 1/2" NF
	70910325	2	NUT, 1/2" NC
	70910244	2	WASHER, plain, 1/2"
2	73057523	1	TUBE ASSY'
	70915408	1	CAPSCREW, 3/8" NC x 3/4"
	70910287	1	LOCKWASHER, 3/8"
3	73057431	1	CYLINDER ASSY., master (Includes items 4 thru 16)
	70920275	2	CAPSCREW, 3/8" NC x 3"
	70910287	2	LOCKWASHER, 3/8"
4	73058980	1	ROD
5	73058979	1	† BOOT
6	73058978	1	† LOCKWIRE
7	-----	1	† PLATE, stop, piston (Order item 17)
8	-----	1	† PISTON ASSY.
	70929194	1	† O-RING
9	73058975	1	† CUP
10	73058974	1	SPRING ASSY.
11	-----	1	† VALVE ASSY. (Order item 17)
12	-----	1	HOUSING, master cylinder (Order item 3)
13	73058981	1	GASKET
14	73058982	1	ADAPTER
15	73058983	1	DIAPHRAGM
16	73058984	1	CAP
17	73058985	1	REPAIR KIT, master cylinder
18	73057547	1	BELLCRANK ASSY. (Includes items 19 and 20)
	73059213	1	CAPSCREW
	70910244	1	WASHER, plain, 1/2"
19	70928434	1	BEARING
20	73059248	1	FOLLOWER
	70912298	3	WASHER, plain, 7/16"
	70911042	1	NUT, 7/16" NF
	70916584	1	PIN, clevis, 5/16" x 1-1/4"
	70900806	1	PIN, cotter, 1/8" x 1"
	70917200	1	FITTING, lube, 3/16" drive type
21	-----	-	TUBE, 156" (refer to item 62)
	70928625	2	ELBOW ASSY. (Includes NUT, SLEEVE, and O-RING indented below)
	70930350	2	SLEEVE, 1/4" tube
	70930351	2	NUT, 1/4" tube
	70921883	2	O-RING, 11/32" I. D.
22	70925094	10	CLIP
23	73048123	-	CHANNEL (25' length - use as required)
24	73057432	1	CYLINDER ASSY., slave (Includes items 25 thru 34)
	70916272	2	CAPSCREW, 3/8" NC x 1-1/4"
	70910287	2	LOCKWASHER, 3/8"
	70910324	2	NUT, 3/8" NC
	70913105	1	CAPSCREW, 1/2" NF x 1-1/2"
	70913177	1	NUT, 1/2" NF

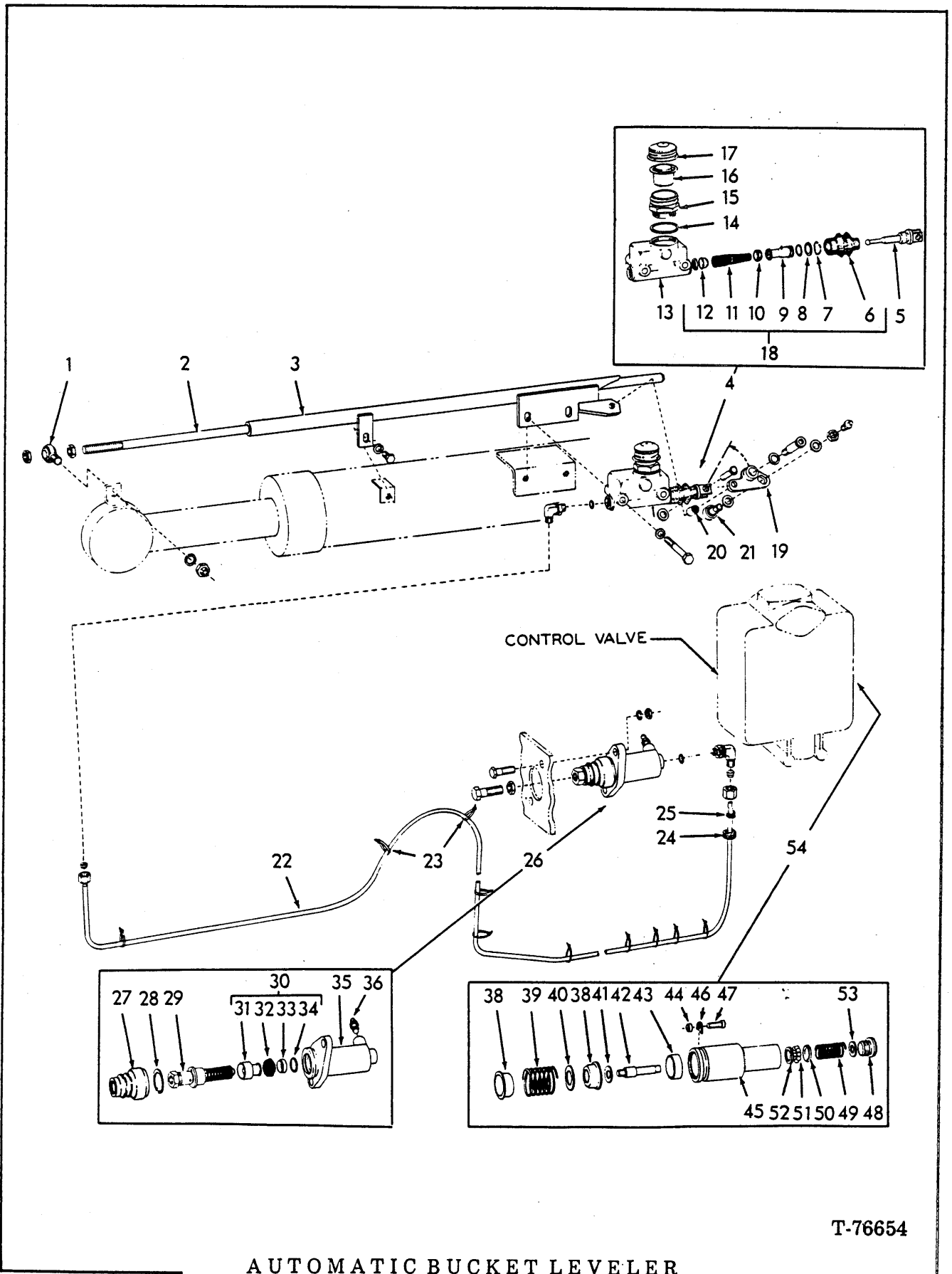
† included with item 17

(Continued)

AUTOMATIC BUCKET LEVELER (Continued)
(Hydraulic)

ITEM	PART NO.	QTY.	DESCRIPTION
25	70067487	1	* BOOT
26	70927694	1	* RING
27	73058960	1	ROD ASSY.
28	73058959	1	PISTON ASSY. (Includes items 29 thru 32)
29	-----	1	PISTON (Order item 28)
30	73058962	1	* CUP
31	73058963	1	* RETAINER
32	70927783	1	* RING
33	-----	1	HOUSING, cylinder (Order item 24)
34	70638413	1	SCREW
35	73058961	1	REPAIR KIT, slave cylinder
36	73057869	1	SHAFT
	70910255	1	WASHER, plain, 3/4"
37	73057188	1	SPACER, 11/16" long
38	73057875	1	LEVER ASSY. (Includes qty. one item 39)
39	73057872	2	BUSHING
40	73057197	1	SPACER, 3/4" long
41	73057876	1	LEVER ASSY. (Includes qty. one item 39)
42	73057198	2	SPACER, 1-5/8" long
43	73057868	1	TAB
	70916284	1	CAPSCREW, 1/4" NC x 1/2"
	70904204	1	LOCKWASHER, 1/4"
44	73058106	1	SPACER, 2-15/16" long
45	73044692	2	RETAINER
46	73058500	1	SPRING
47	73058503	1	SPACER
48	73058501	1	WASHER
49	73068882	1	STUD
50	73059028	1	SPACER
51	73058497	2	SPACER
52	73058492	1	CAP
53	73067342	2	CLAMP
54	73058499	2	CAPSCREW
	-----	1	PLUG (First type)
55	{ 73069094	1	PLUG (for initial replacement also order item 60)
56	73058495	1	SPRING
57	73051812	1	CAM
58	73051813	8	BALL
59	73063558	1	WASHER
60	73069093	1	WASHER
62	73059021	-	TUBE (100' length - use as required)

* included with item 35



T-76654

AUTOMATIC BUCKET LEVELER
(Single Lever)

AUTOMATIC BUCKET LEVELER
(Single Lever)

USAGE: Special equipment

ITEM	PART NO.	QTY.	DESCRIPTION
1	73045248	1	BEARING
	70912441	1	LOCKWASHER, 1/2"
	70910244	2	WASHER, plain, 1/2"
	70911043	2	NUT, 1/2" NF
2	73058457	1	ROD
	70910325	2	NUT, 1/2" NC
3	73057523	1	TUBE ASSY.
	70915408	1	CAPSCREW, 3/8" NC x 3/4"
	70910287	1	LOCKWASHER, 3/8"
4	73057431	1	CYLINDER ASSY., Master (Includes items 5 thru 17)
	70920275	2	CAPSCREW, 3/8" NC x 3"
	70910287	2	LOCKWASHER, 3/8"
5	73058980	1	ROD
6	73058979	1	† BOOT
7	73058978	1	† LOCKWIRE
8	-----	1	† PLATE
9	-----	1	PISTON ASSY.
	70929194	1	† O-RING
10	73058975	1	† CUP
11	73058974	1	SPRING ASSY.
12	-----	1	† VALVE ASSY.
13	-----	1	HOUSING (Order item 4)
14	73058981	1	GASKET
15	73058982	1	ADAPTER
16	73058983	1	DIAPHRAGM
17	73058984	1	CAP
18	73058985	1	REPAIR KIT, master cylinder
19	73057547	1	BELLCRANK ASSY. (Includes item 20 and 21)
	73059213	1	CAPSCREW
	70910244	1	WASHER, plain, 1/2"
20	70928434	1	BEARING
21	73059248	1	FOLLOWER
	70912298	3	WASHER, plain, 7/16"
	70911042	1	NUT, 7/16" NF
	70916584	1	PIN, clevis, 5/16" x 1-1/4"
	70900806	1	PIN, cotter, 1/8" x 1"
	70917200	1	FITTING, lube, 3/16"
22	-----	-	TUBE, 156" (refer to item 55)
	70928625	2	ELBOW ASSY. (Includes NUT, SLEEVE, and O-RING indented below)
	70930350	2	SLEEVE, 1/4" tube
	70930351	2	NUT, 1/4" tube
	70921883	2	O-RING, 11/32" I. D.
23	70925094	10	CLIP
24	73048123	-	CHANNEL (25' length - use as required)
25	70921230	1	GROMMET

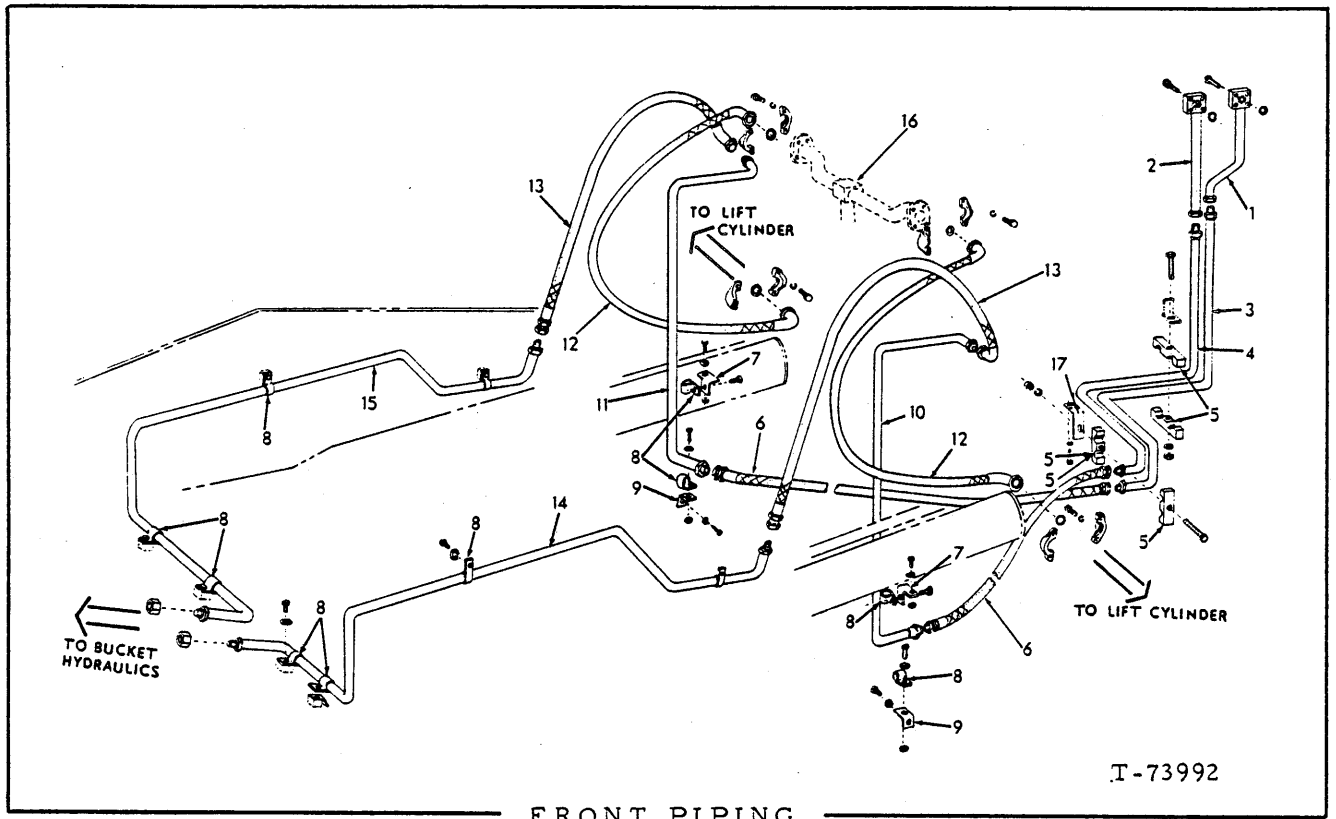
† included with item 18

(Continued)

A U T O M A T I C B U C K E T L E V E L E R (Continued)
(Single Lever)

ITEM	PART NO.	QTY.	DESCRIPTION
26	73057432	1	CYLINDER ASSY., slave (Includes items 27 thru 36)
	70916272	2	CAPSCREW, 3/8" NC x 1-1/4"
	70910287	2	LOCKWASHER, 3/8"
	70910324	2	NUT, 3/8" NC
	70913105	1	CAPSCREW, 1/2" NF x 1-1/2"
	70913177	1	NUT, 1/2" NF
27	70067487	1	* BOOT
28	70927694	1	* RING
29	73058960	1	ROD ASSY.
30	73058959	1	PISTON ASSY. (Includes items 31 thru 34)
31	-----	1	PISTON (Order item 30)
32	73058962	1	* CUP
33	73058963	1	* RETAINER
34	70927783	1	* RING
35	-----	1	HOUSING (Order item 26)
36	70638413	1	SCREW
37	73058961	1	REPAIR KIT, slave cylinder
38	73044692	2	RETAINER
39	73058500	1	SPRING
40	73058503	1	SPACER
41	73058501	1	WASHER
42	73068882	1	STUD
43	73059028	1	SPACER
44	-----	2	SPACER (Order item 46)
45	73058492	1	CAP
46	73067342	2	CLAMP (Replaces 73058497 and 73058498)
47	73058499	2	CAPSCREW
	-----	1	PLUG (First type)
48	{ 73069094	1	PLUG (for initial replacement also order item 53)
49	73058495	1	SPRING
50	73051812	1	CAM
51	73051813	8	BALL
52	73063558	1	WASHER
53	73069093	1	WASHER
54	73058307	1	DETENT KIT, bucket spool (Includes items 38 thru 53)
55	73059021	-	TUBE (100' length - use as required)

* included with item 37



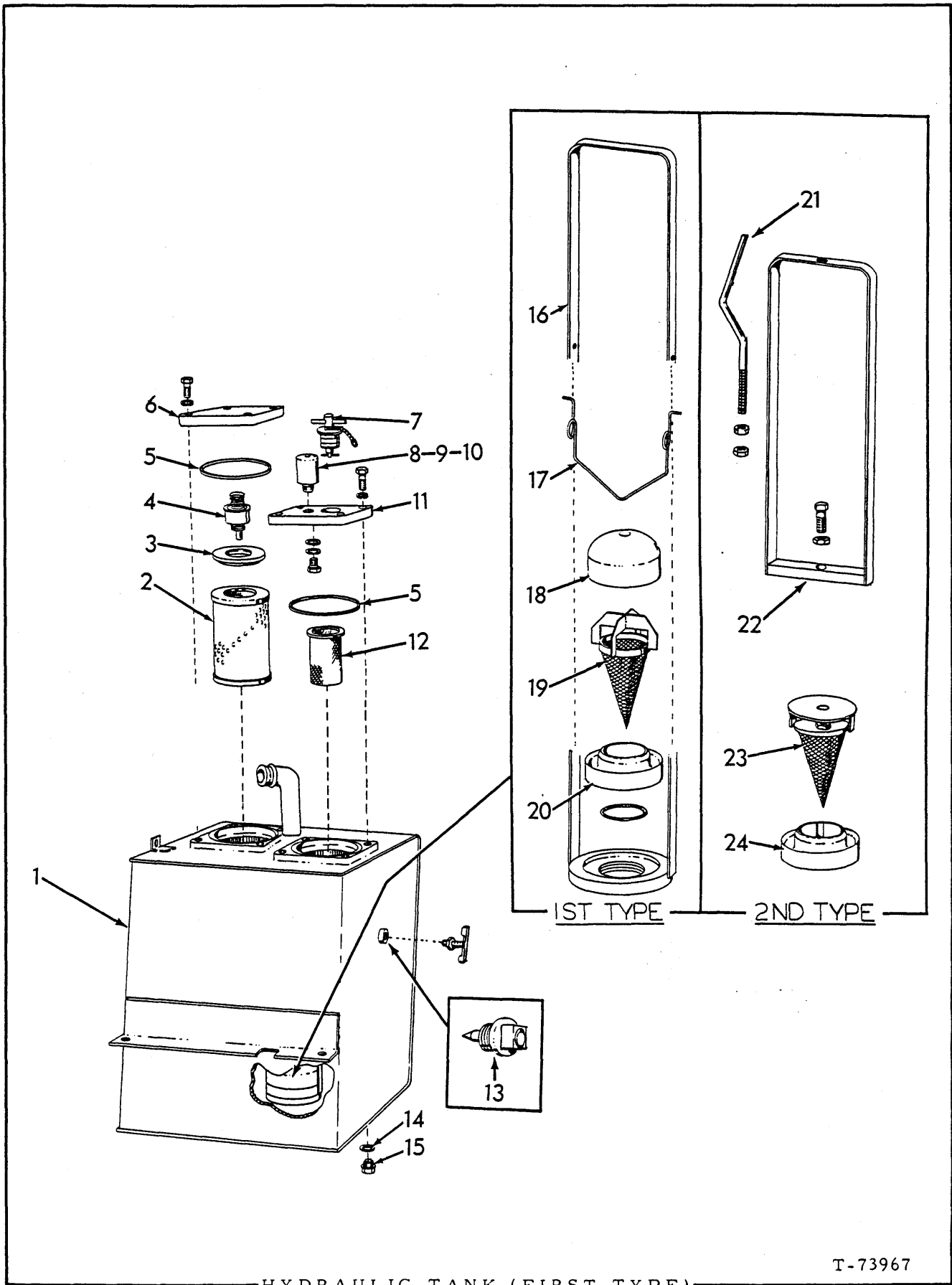
USAGE: Special equipment-for use with MULTI-PURPOSE 4 in 1 BUCKET
 *Used prior to loader serial no. 96M02050
 **Effective with loader serial no. 96M02050, 23C02248

ITEM	PART NO.	QTY.		DESCRIPTION
		*	**	
1	73048107	1	1	TUBE ASSY.
	70923664	1	1	O-RING
	70924180	4	4	CAPSCREW, 7/16" NC x 2"
2	73048108	1	1	TUBE ASSY.
	70923664	1	1	O-RING
	70924180	4	4	CAPSCREW, 7/16" NC x 2"
3	73048125	1	1	TUBE ASSY.
4	73048121	1	1	TUBE ASSY.
5	73045733	4	4	CLAMP
	70920611	2	-	CAPSCREW, 3/8" NF x 3-1/2"
	70919015	-	2	CAPSCREW, 3/8" NC x 3-1/2"
	70911115	-	-	WASHER, plain, 3/8" (Use as required)
	70904206	2	2	LOCKWASHER, 3/8"
	70911041	2	-	NUT, 3/8" NF
	70918308	-	2	NUT, 3/8" NC
6	73050092	2	2	HOSE ASSY. (Crimped-type) (Serviced only as a unit) (See HOSE PARTS)
7	73050101	1	1	BRACKET, left
	73050102	1	1	BRACKET, right
	70916271	-	2	CAPSCREW, 3/8" NC x 1"
	70911115	-	2	WASHER, plain 3/8" (Use as required)
	709004206	-	2	LOCKWASHER, 3/8"

(Continued)

FRONT PIPING (Continued)

ITEM	PART NO.	QTY.		DESCRIPTION
		*	**	
8	73019133	12	12	CLIP, tube support
	70916225	4	-	CAPSCREW, 3/8" NF x 1"
	70916272	-	4	CAPSCREW, 3/8" NC x 1-1/4"
	70919235	8	-	CAPSCREW, 3/8" NF x 5/8"
	70915408	-	8	CAPSCREW, 3/8" NC x 3/4"
	70911115	-	-	WASHER, plain, SAE std., 3/8" (Use as required)
	70904206	12	12	LOCKWASHER, 3/8"
	70911041	4	-	NUT, 3/8" NF
	70918308	-	4	NUT, 3/8" NC
9	73050100	2	2	BRACKET, clip mounting
	70919235	2	-	CAPSCREW, 3/8" NF x 5/8"
	70916271	-	2	CAPSCREW, 3/8" NC x 1"
	70911115	2	2	WASHER, plain, SAE std., 3/8"
	70904206	2	2	LOCKWASHER, 3/8"
10	70050090	1	1	TUBE ASSY., left
11	73050091	1	1	TUBE ASSY., right
12	73048016	2	2	HOSE ASSY. (See HOSE PARTS)
	70921116	8	8	FLANGE, split. #16
	70916272	16	16	CAPSCREW, 3/8" NC x 1-1/4"
	70904206	16	16	LOCKWASHER, 3/8"
	70923718	4	4	O-RING, 1-5/16" I. D.
13	73048117	2	2	HOSE ASSY. (See HOSE PARTS)
	70924851	2	2	FITTING, bulkhead. 1"
	70919621	2	2	NUT, locking 1-5/16" NF
14	73048354	1	1	TUBE ASSY., left
	73058569	-	1	TUBE ASSY., left (Use with Extended Boom only.)
	70922195	1	1	CAP
15	73048352	1	1	TUBE ASSY., right
	73058568	-	1	TUBE ASSY., right (Use with Extended Boom only.)
	70922195	1	1	CAP
16	-----	1	1	TUBE ASSY. (See LIFT CYLINDER PIPING)
17	73054723	-	1	BRACKET (Supports item 5)
	70916271	-	3	CAPSCREW, 3/8" NC x 1"
	70904206	-	3	LOCKWASHER, 3/8"



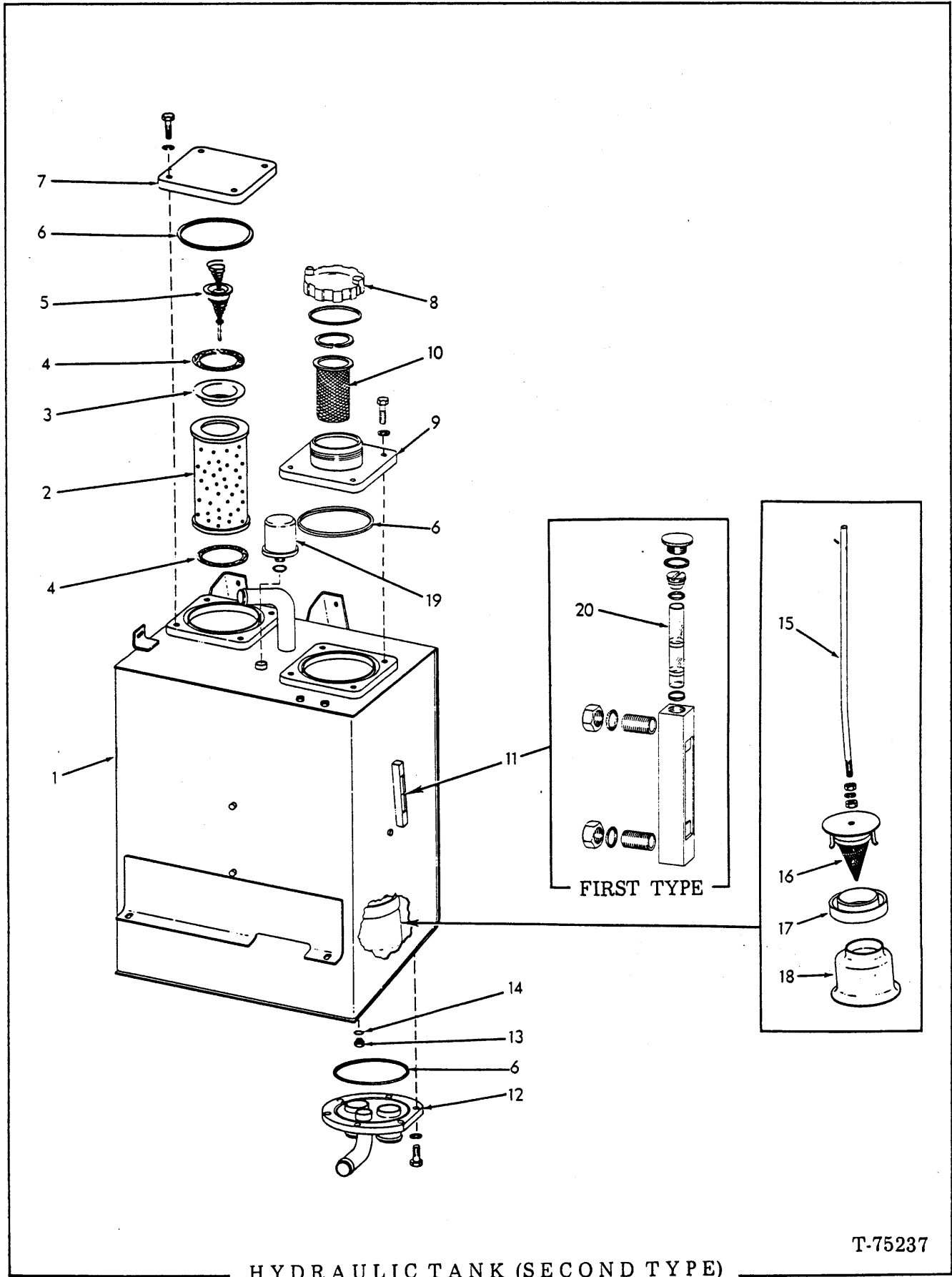
HYDRAULIC TANK (FIRST TYPE)

T-73967

HYDRAULIC TANK (FIRST TYPE)

USAGE: *Prior to Loader serial no. 1083 (See page 313 for serial no. 1003)
 **Effective Loader serial no. 1083 thru 1716

ITEM	PART NO.	QTY.		DESCRIPTION
		*	**	
1	73046872	1	-	TANK
	73050671	-	1	TANK
	70913249	4	4	CAPSCREW, 1/2" NF x 1-1/4"
	70910244	4	4	WASHER, plain SAE std. 1/2"
	70904208	4	4	LOCKWASHER, 1/2"
	70911043	4	4	NUT, 1/2" NF
2	70666421	1	1	ELEMENT
3	73045784	1	1	PLATE
4	73045861	1	1	VALVE ASSY., by-pass (serviced only as a unit)
5	73044845	2	2	RING
6	73045324	1	1	COVER
	70916384	4	4	CAPSCREW, 3/8" NF x 1-3/8"
	70904206	4	4	LOCKWASHER, 3/8"
7	73046080	1	1	CAP ASSY., oil filter (serviced only as a unit)
8	73044225	1	1	VALVE ASSY., vacuum relief (includes O-RING 70923719, O-RING 70923559 and items 9 and 10.)
9	73046509	2	2	RING, lock
10	73046508	1	1	FILTER, valve assy. } Not illustrated
11	73044842	1	1	COVER
	70919215	4	4	CAPSCREW, 3/8" NF x 1-1/2"
	70904206	4	4	LOCKWASHER, 3/8"
12	73044791	1	1	STRAINER
	70919235	3	3	CAPSCREW, 3/8" NF x 5/8"
	70900817	3	3	WASHER, plain, U.S. std. 3/8"
	70904206	3	3	LOCKWASHER, 3/8"
13	-----	1	1	COCK, drain (original equipment - replace with INDICATOR below)
	73104280	1	1	INDICATOR, oil level (Service Replacement)
14	73010158	1	1	GASKET
15	73010159	1	1	PLUG ASSY., drain (includes item 14)
16	73045887	1	-	CAGE
	70923922	1	-	O-RING
17	73045873	1	-	BAIL
18	73019231	1	-	BAFFLE
19	73032277	1	-	STRAINER
20	73011349	1	-	MAGNET
21	73050679	-	1	ROD
	70912772	-	2	NUT, jam, 3/8" NC
22	73050577	-	1	HANDLE
23	70185203	-	1	STRAINER
24	70185202	-	1	MAGNET



HYDRAULIC TANK (SECOND TYPE)

T-75237

HYDRAULIC TANK (SECOND TYPE)

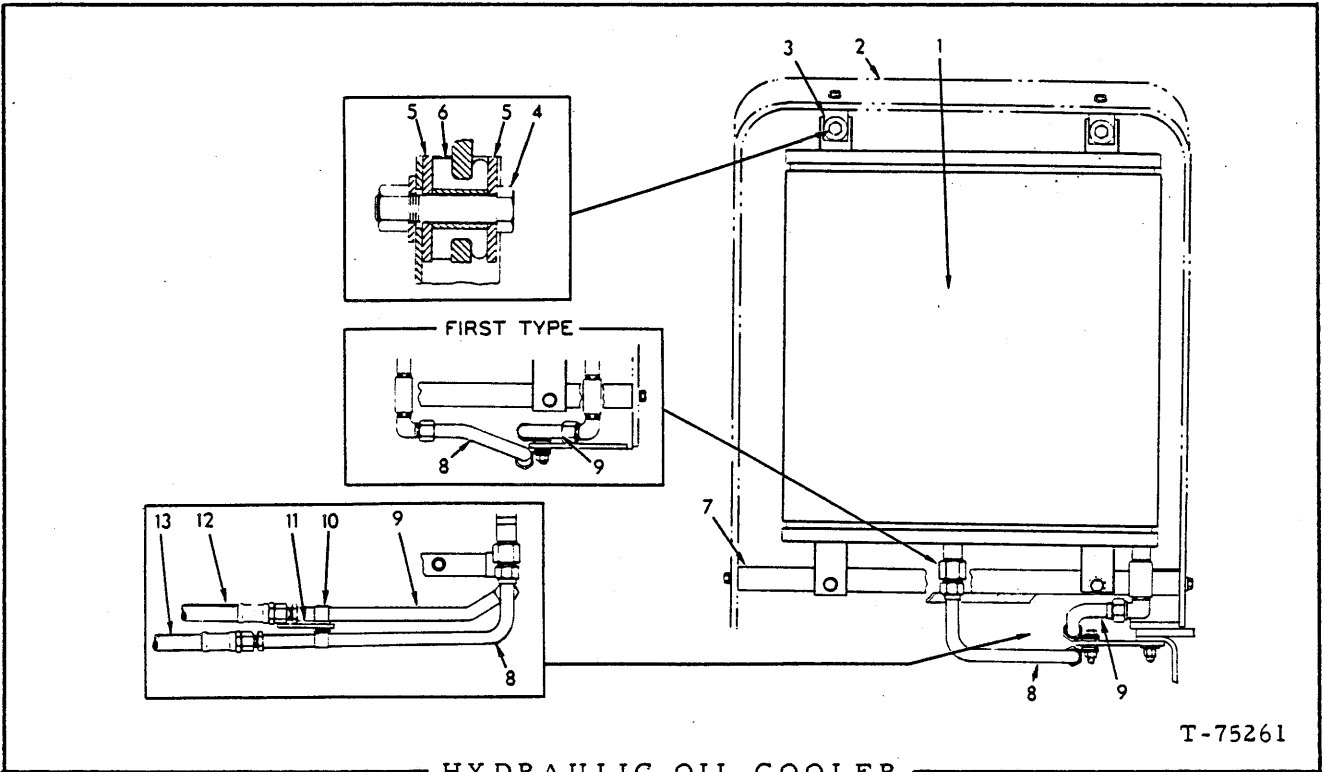
USAGE: Effective loader serial no. 1717 and up, also serial no. 1003, and 23C02248

ITEM	PART NO.	QTY.	DESCRIPTION
1	73053700	1	TANK
	70921176	4	CAPSCREW, 1/2" NC x 1-1/4"
	70910244	4	WASHER, plain, 1/2"
	70912441	4	LOCKWASHER, 1/2"
	70910325	4	NUT, 1/2" NC
	70916873	1	COCK, drain, 3/8" NPT
2	70666421	1	ELEMENT
3	73053604	1	CUP
4	70663977	2	GASKET
5	73045861	1	VALVE ASSY. (Serviced only as a unit)
6	70926821	3	RING
7	73045324	1	COVER
	70916272	4	CAPSCREW, 3/8" NC x 1-1/4"
	70910287	4	LOCKWASHER, 3/8"
8	70665726	1	CAP
	70923950	1	O-RING
9	73053697	1	COVER
	70916272	4	CAPSCREW, 3/8" NC x 1-1/4"
	70910287	4	LOCKWASHER, 3/8"
10	73044791	1	STRAINER
	70926274	1	RING
	-----	1	GAUGE ASSY. (First type)
11	70919262	2	NUT, 1/2" NF
	70923565	2	O-RING
	70678984	1	GAUGE ASSY. (Service replacement - serviced only as a unit)
	70915956	2	NUT, 1/2" NF
12	73053695	1	TUBE
	70916272	6	CAPSCREW, 3/8" NC x 1-1/4"
	70910287	6	LOCKWASHER, 3/8"
13	73010159	1	PLUG ASSY. (Includes item 14)
14	73010158	1	GASKET
15	73053806	1	ROD
	70912772	2	NUT, jam, 3/8" NC
	70916004	1	PIN, roll, 3/16" x 2" long
	70910287	1	LOCKWASHER, 3/8"
16	70185203	1	STRAINER
17	70185202	1	MAGNET
18	73053459	1	CANNISTER
	73100277	1	VALVE ASSY. (Includes indented items)(Used prior to loader serial no. 2701)
19	70923574	1	O-RING
	73100276	1	CARTRIDGE
	73044225	1	VALVE ASSY. (Includes indented items)(Effective with loader serial no. 2701)
	73046508	1	FILTER
	-----	2	RING (Order item 21)
	70923559	1	O-RING
	70923719	1	O-RING

(Continued)

HYDRAULIC TANK (SECOND TYPE) (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION	
20	73054571	1	GAUGE, glass	
	70924003	1	O-RING	
	70926835	2	O-RING	
21	73064043	1	KIT, pressure relief (includes item 19 FILTER and RING and indented items)	
	70923559	1		O-RING
	70923719	1		O-RING



HYDRAULIC OIL COOLER

USAGE: Effective with loader s/n 23C02248

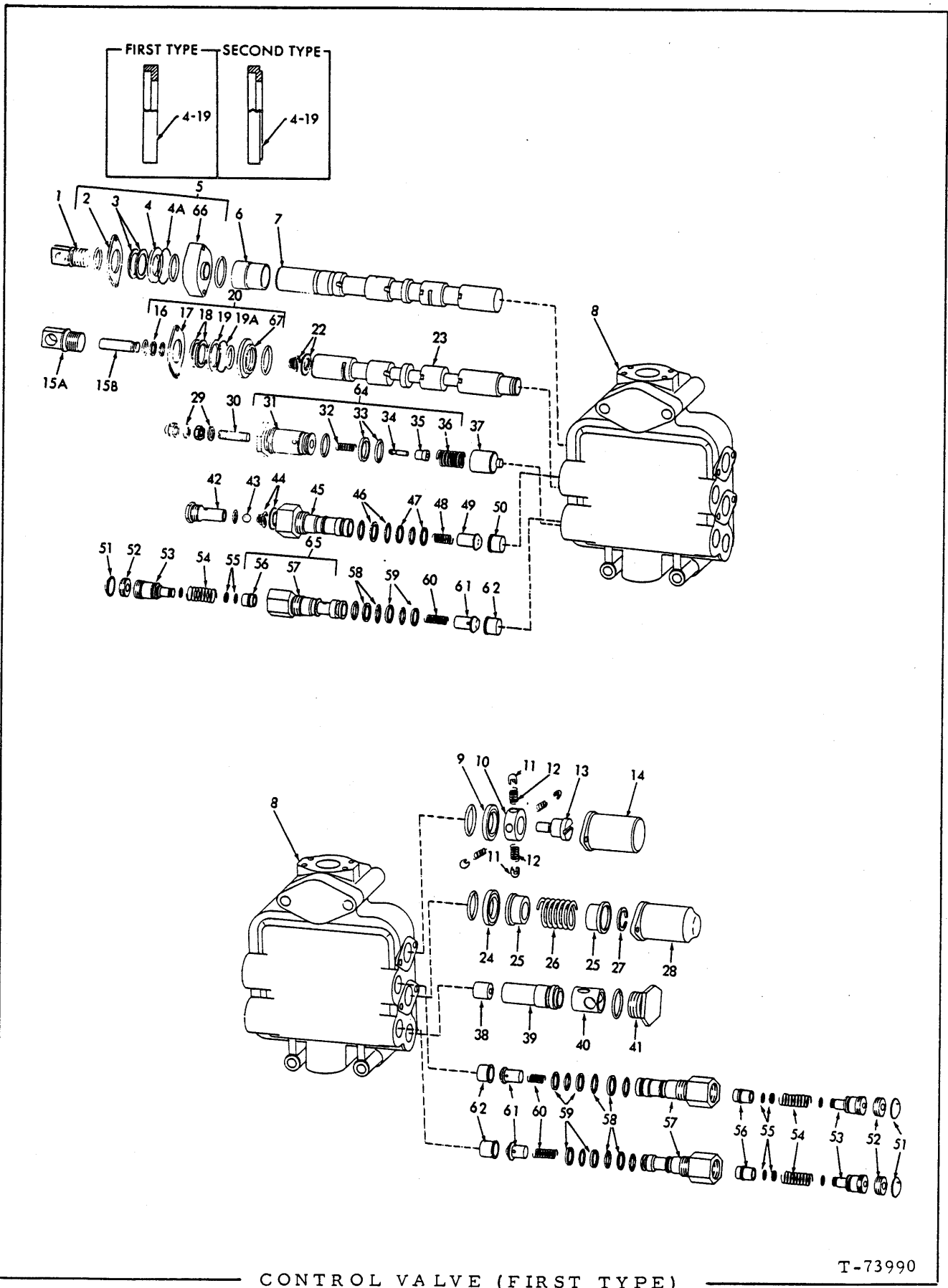
ITEM	PART NO.	QTY.	DESCRIPTION
1	73106272	1	COOLER ASSY.
	70923114	2	CAPSCREW, pltd., 1/2" NC x 1"
	70916966	2	LOCKWASHER, pltd., 1/2"
	70900703	4	WASHER, plain, 1/2"
	70919840	1	PLUG, 1/4" automotive
			} Lower mounting
2	-----	1	See RADIATOR SUPPORT, HOOD AND FENDERS
3	73106269	2	BRACKET
	70921024	2	CAPSCREW, pltd., 1/2" NC x 2"
	70900703	4	WASHER, plain, 1/2"
	70915972	2	NUT, elastic stop, 1/2" NC
4	70922645	2	CAPSCREW, pltd., 1/2" NC x 2-1/4"
	70900703	2	WASHER, plain, 1/2"
	70915972	2	NUT, elastic stop, 1/2" NC
5	73032335	4	WASHER
6	73034129	2	MOUNT
7	{ 73106494	1	BAR (Used prior to loader serial no. 02639)
	{ 73059083	1	BAR (Effective with loader serial no. 02639)
	70916311	4	CAPSCREW, 1/2" NC x 1-1/4"
	70916966	4	LOCKWASHER, 1/2"

(Continued)

HYDRAULIC OIL COOLER (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
8	73106340	1	TUBE ASSY. (Used prior to loader serial no. 02639)
	70920686	1	ELBOW, 1" tube, 1" NPT
	70911623	1	COUPLING, 1" NPT
	73056382	1	TUBE ASSY. (Effective with loader serial no. 02639)
	70924401	1	CONNECTOR, 1" flare type male, 1-5/16" female straight threads.
9	{ 73106264	1	TUBE ASSY. (Used prior to loader serial no. 02639)
	{ 73056381	1	TUBE ASSY. (Effective with loader serial no. 02639)
	70920686	1	ELBOW, 1" tube, 1" NPT
	70916623	1	COUPLING, 1" NPT.
10	73019133	2	CLAMP
	70921024	1	CAPSCREW 1/2" NC x 2"
	70900703	3	WASHER, plain 1/2"
	70915972	1	NUT, 1/2" NC
11	73106267	1	BAR
	70915789	1	CAPSCREW, 5/8" NF x 2-1/2"
12	73106262	1	HOSE ASSY. (See HOSE PARTS) (To Hydraulic Tank)
13	73106263	1	HOSE ASSY. (See HOSE PARTS) (From Steering Valve)

} See HYDRAULIC PUMP
AND VALVE PIPING



CONTROL VALVE (FIRST TYPE)

T-73990

CONTROL VALVE (FIRST TYPE)

USAGE: Standard Equipment (2-Spool) - Prior to loader serial no. 1682

ITEM	PART NO.	QTY.	DESCRIPTION
	73100813	1	VALVE ASSY. (Includes items 1 thru 62)
	70923909	4	CAPSCREW, 1/2" NC x 5-1/2"
	70916191	4	WASHER, 1/2"
	70922304	4	NUT, 1/2" NC
1	73044737	1	EYE
	70921206	1	O-RING, 3/4" I. D.
2	73044730	1	RETAINER
	70919785	2	CAPSCREW, 5/16" NC x 1-3/4"
	70904205	2	LOCKWASHER, 5/16"
3	73044729	2	WIPER
4	-----	1	RETAINER (FIRST TYPE) (Order items 2 thru 6 and 66)
	73105283	1	RETAINER, seal (SECOND TYPE)
	70923813	1	O-RING, 1-3/8" I. D.
4A	70927026	1	O-RING
5	-----	1	SEAL ASSY. (Order O-RING listed below, and items 2 thru 6 & 66)
	70924038	1	O-RING, 1-15/16" I. D.
6	73044725	1	SLEEVE
7	-----	1	PLUNGER, valve (Order complete Valve Assy).
8	-----	1	BODY, valve (Order complete Valve Assy.)
	70923166	1	PLUG ASSY. (Includes O-RING)
	70921883	1	O-RING, 1/4" tube O. D.
9	73044690	1	RETAINER, seal
	70923664	1	O-RING, 1-1/2" I. D.
10	73050690	1	RETAINER
11	73044741	4	POPPET
12	73044742	4	SPRING
13	73044740	1	END
14	73044743	1	COVER
	73044696	2	SCREW
15A	73105114	1	EYE
15B	73105113	1	POPPET ASSY. (Includes items 16)
	70921206	1	O-RING, 3/4" tube O. D.
	70923561	1	O-RING, 5/8" I. D.

(Continued)

"ALWAYS GIVE MODEL AND SERIAL NUMBER WHEN ORDERING PARTS"

CONTROL VALVE (FIRST TYPE) (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
16	70928583	1	RING, back-up
17	73044730	1	RETAINER
	70914392	2	CAPSCREW, 5/16" NC x 1"
	70904205	2	LOCKWASHER, 5/16"
18	73044729	2	WIPER
19	-----	1	RETAINER (FIRST TYPE - see inset)(Order items 17, 18, 19, 19A and 67)
	73105283	1	RETAINER (SECOND TYPE - see inset)
	70923813	1	O-RING, 1-3/8" I. D.
19A	70927026	1	O-RING
20	-----	1	SEAL ASSY. (Order O-RING listed below and items 17, 18, 19, 19A and 67)
	70923578	1	O-RING, 1-7/8" I. D.
22	-----	1	SPRING, return } FIRST TYPE -
	-----	1	GUIDE, spring } not required
23	-----	1	PLUNGER, valve (Order complete Valve Assy.)
24	73044690	1	RETAINER, seal
	70923813	1	O-RING, 1-3/8" I. D.
25	73044692	2	RETAINER
26	73044693	1	SPRING
27	73044694	1	RING, snap
28	73044695	1	COVER
	73044696	2	SCREW
29	73044758	2	SEAL
30	73044756	1	SCREW
	73044759	1	NUT, adjusting
	70913463	1	NUT, acorn
31	-----	1	CAP (Order item 64)
	70921235	1	O-RING, 1-1/4" tube O. D.
32	73044754	1	SPRING
33	70926617	1	RING, back-up
	70923811	1	O-RING, 1-1/8" I. D.
34	-----	1	PLUNGER (Order item 64)
35	-----	1	SEAT (Order item 64)

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CONTROL VALVE (FIRST TYPE) (Continued)

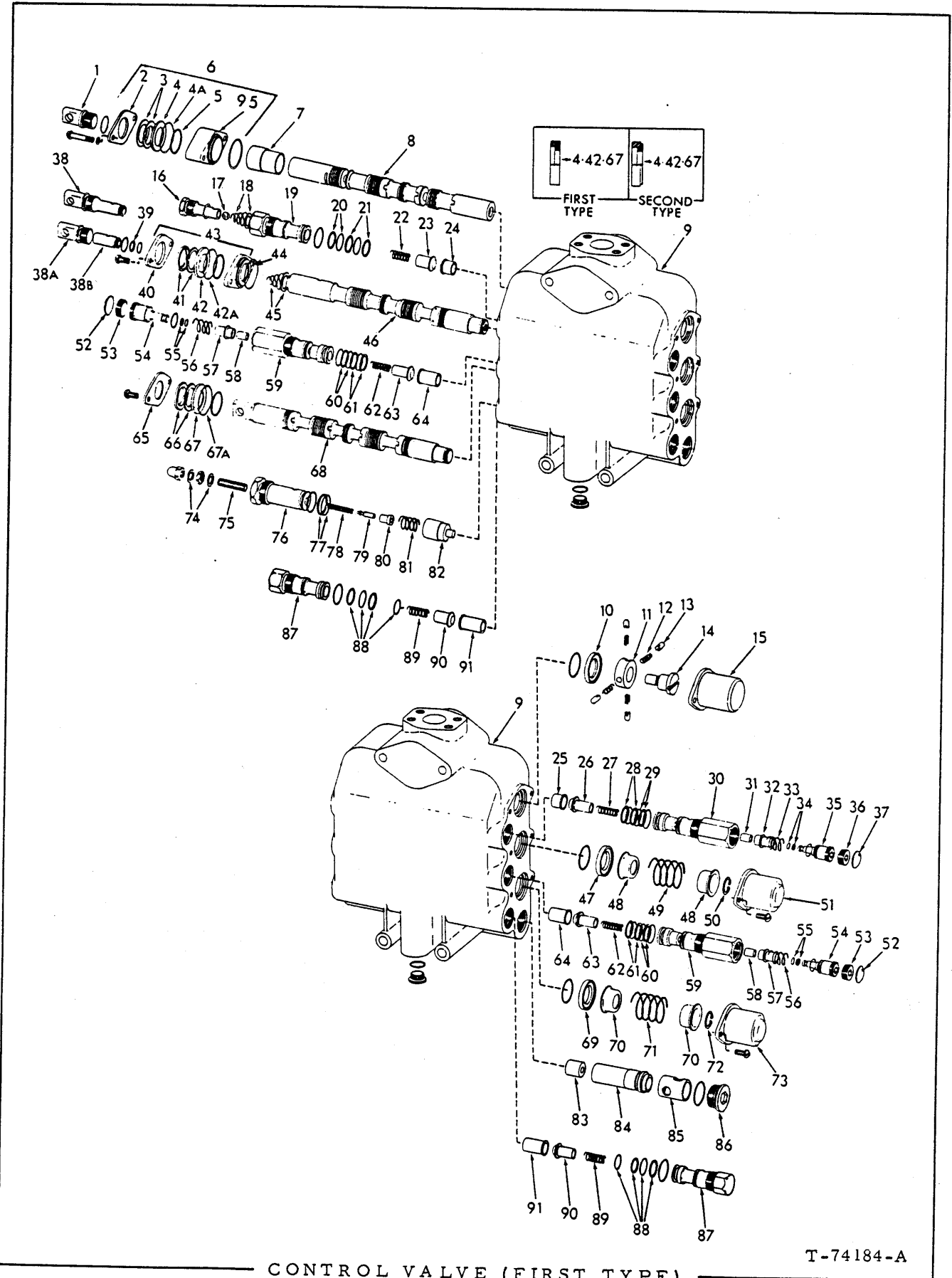
ITEM	PART NO.	QTY.	DESCRIPTION
36	73044749	1	SPRING
37	73044748	1	PLUNGER
38	73044744	1	SEAT
39	73044745	1	HOLDER
40	73044746	1	SPACER
41	70928604	1	PLUG ASSY (Includes O-RING)
	70921235	1	O-RING, 1-1/4" tube O.D.
42	73044771	1	SEAT
	70921206	1	O-RING, 3/4" tube O.D.
43	73044770	1	BALL
44	73051195	1	SPRING
	73051196	1	GUIDE
45	73044764	1	CAP
	70921214	1	O-RING, 1" tube O.D.
46	70926612	1	RING, back-up
	70923988	1	O-RING, 15/16" I.D.
47	70926611	2	RING, back-up
	70923566	1	O-RING, 7/8" I.D.
48	73044735	1	SPRING
49	73044734	1	POPPET
50	73044733	1	SEAT
51	73046947	3	PLUG
52	73046949	3	NUT
53	73046950	3	GUIDE
	70923849	3	O-RING, 13/16" I.D.
54	73044587	3	SPRING
55	70928232	3	RING, back-up
	70923560	3	O-RING, 3/8" I.D.
56	-----	3	POPPET, relief (Not serviced, order item 65)
57	-----	3	CAP, check (Includes non-serviceable SEAT) (Not serviced,
	70921214	3	O-RING, 1" I.D. order item 65)
58	73044768	3	RING, back-up
	70923988	3	O-RING, 15/16" I.D.

(Continued)

CONTROL VALVE (FIRST TYPE) (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
59	73044766	6	RING, back-up
	70923566	3	O-RING, 7/8" I. D.
60	73044735	3	SPRING
61	73044734	3	POPPET
62	73044733	3	SEAT
63	73105254	1	RELIEF VALVE KIT, poppet (Includes items 15A, 15B, 16 and 1 Instruction Print 73105112)
64	73054770	1	KIT ASSY., adjusting cap (Consists of items 31, 34 and 35)
65	73054675	1	KIT ASSY., adjusting cap (Consists of one each items 56, 57 and 1 SEAT)
66	73061244	1	HOUSING, extension
67	73105282	1	HOUSING, extension

"ALWAYS GIVE MODEL AND SERIAL NUMBER WHEN ORDERING PARTS"



CONTROL VALVE (FIRST TYPE)

T-74184-A

CONTROL VALVE (FIRST TYPE)

USAGE: Special Equipment (3-spool)-prior to Loader serial no. 1682

ITEM	PART NO.	QTY.	DESCRIPTION
-	73100814	1	VALVE ASSY., control (Includes items 1 thru 91)
	70923909	4	CAPSCREW, 1/2" NC x 5-1/2"
	70916191	4	WASHER, plain, hardened, 1/2"
	70922304	4	NUT, pltd., 1/2" NC
1	73044737	1	EYE, plunger
	70921206	1	O-RING, 3/4" tube O. D.
2	73044730	1	RETAINER, wiper
	70919785	2	CAPSCREW, 5/16" NC x 1-3/4"
	70904205	2	LOCKWASHER, 5/16"
3	73044729	2	WIPER
4	-----	1	RETAINER, seal (FIRST TYPE - see inset) (Not serviced - order items 2 thru 7 and 95)
	73105283	1	RETAINER, seal (SECOND TYPE - see inset)
4A	70927026	1	O-RING
5	70923813	1	O-RING, 1-3/8" I. D.
6	-----	1	SEAL ASSY. (Not serviced as an assembly. Order O-RING listed below and items 2 thru 7 and 95)
	70924038	1	O-RING, 1-15/16" I. D.
7	73044725	1	SLEEVE
8	-----	1	PLUNGER, valve (Not serviced separately - order complete Valve Assy.)
9	-----	1	BODY, valve (Not serviced separately - order complete Valve Assy.)
	70924621	1	PLUG ASSY. (Includes O-RING)
	70923166	1	PLUG ASSY. (Includes O-RING)
	70921883	2	O-RING, 1/4" tube O. D.
10	73044690	1	RETAINER, seal
	70923664	1	O-RING, 1-1/2" I. D.
11	73050690	1	RETAINER, poppet
12	73044742	4	SPRING, poppet
13	73044741	4	POPPET
14	73044740	1	END, spool
15	73044743	1	COVER
	73044696	2	SCREW, cover
16	73044771	1	SEAT, make up
	70921206	1	O-RING, 3/4" tube O. D.
17	73044770	1	BALL

(Continued)

CONTROL VALVE (FIRST TYPE) (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
18	----- -----	1 1	SPRING GUIDE, spring } First type. Not required
19	73044764 70921214	1 1	CAP, check O-RING, 1" tube O. D.
20	70926612 70923988	1 1	RING, back-up O-RING, 15/16" I. D.
21	70926611 70923566	2 1	RING, back-up O-RING, 7/8" I. D.
22	73044735	1	SPRING, poppet
23	73044734	1	POPPET, check
24	73044733	1	SEAT, poppet
25	73044733	1	SEAT, poppet
26	73044734	1	POPPET, check
27	73044735	1	SPRING, poppet
28	70926611 70923566	2 1	RING, back-up O-RING, 7/8" I. D.
29	70926612 70923988	1 1	RING, back-up O-RING, 15/16" I. D.
30	----- 70921214	1 1	CAP, check (Not serviced - order item 93) O-RING, 1" tube O. D.
31	-----	1	SEAT, check (Not serviced - order item 93)
32	-----	1	POPPET, relief (Not serviced - order item 93)
33	73044587	1	SPRING, relief
34	70928232 70923560	1 1	RING, back-up O-RING, 3/8" I. D.
35	73046950 70923849	1 1	GUIDE, spring O-RING, 13/16" I. D.
36	73046949	1	NUT, lock
37	73046947	1	PLUG, expansion
38A	73105114	1	EYE, spool
38B	73105113 70921206 70923561	1 1 1	POPPET ASSY., plunger (Includes item 39) O-RING, 3/4" tube O-RING, 5/8" I. D.

(Continued)

"ALWAYS GIVE MODEL AND SERIAL NUMBER WHEN ORDERING PARTS"

CONTROL VALVE (FIRST TYPE) (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
39	70928583	1	RING, back-up
40	73044730	1	RETAINER
	70914392	2	CAPSCREW, 5/16" NC x 1"
	70904205	2	LOCKWASHER, 5/16"
41	73044729	2	WIPER
42	-----	1	RETAINER (FIRST TYPE - see inset) (Order items 40, 41, 42, 42A and 44)
	73105283	1	RETAINER, seal (SECOND TYPE - see inset)
42A	70927026	1	O-RING
43	-----	1	SEAL ASSY. (Order O-RINGS indented and items 40, 41, 42, 42A and 44)
	70923578	1	O-RING, 1-7/8" I. D.
	70923813	1	O-RING, 1-3/8" I. D.
44	73105282	1	HOUSING, retainer
45	-----	1	SPRING
	-----	1	GUIDE, spring } FIRST TYPE - not required
46	-----	1	PLUNGER, valve (Order complete Valve Assy.)
47	73044690	1	RETAINER
	70923813	1	O-RING, 1-3/8" I. D.
48	73044692	2	RETAINER
49	73044693	1	SPRING
50	73044694	1	RING, snap
51	73044695	1	COVER
	73044696	2	SCREW
52	73046947	2	PLUG
53	73046949	2	NUT
54	73046950	2	GUIDE
	70923849	2	O-RING, 13/16" I. D.
55	73039640	2	RING, back-up
	70923560	2	O-RING, 3/8" I. D.
56	73044587	2	SPRING
57	73044682	2	POPPET
58	-----	2	SEAT (Order item 59)
59	73054675	2	CAP (Includes item 58)
	70921214	2	O-RING, 1" I. D.

(Continued)

CONTROL VALVE (FIRST TYPE) (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
60	70926612	2	RING, back-up
	70923988	2	O-RING, 15/16" I. D.
61	70926611	4	RING, back-up
	70923566	2	O-RING, 7/8" I. D.
62	73044735	2	SPRING, check
63	73044734	2	POPPET, check
64	73048330	2	SLEEVE, check
-	-----	1	SEAL ASSY. (Order items 65, 66, 67 and 67A)
65	73044730	1	RETAINER, wiper
	70915809	2	CAPSCREW, 5/16" NC x 3/4"
	70904205	2	LOCKWASHER, 5/16"
66	73044729	2	WIPER
67	-----	1	RETAINER, seal (FIRST TYPE - see inset) (Not serviced - order items 66, 67 and 67A)
	73105283	1	RETAINER, seal (SECOND TYPE - see inset)
	70923813	1	O-RING, 1-11/32" I. D.
67A	70927026	1	O-RING
68	-----	1	PLUNGER, valve (Not serviced separately - order complete Valve Assy.)
69	73044690	1	RETAINER, seal
	70923813	1	O-RING, 1-11/32" I. D.
70	73044692	2	RETAINER, spring
71	73044693	1	SPRING
72	73044694	1	RING, snap
73	73044695	1	COVER
	73044696	2	SCREW
74	73044758	2	WASHER, seal
75	73044756	1	SCREW, adjusting
	73044759	1	NUT, lock
	70913463	1	NUT, acorn, 1/2" NF
76	-----	1	CAP, adjusting (Not serviced - order item 94)
	70921235	1	O-RING, 1-1/4" tube O. D.
77	70926617	1	RING, back-up
	70923811	1	O-RING, 1-1/8" I. D.
78	73044754	1	SPRING, relief valve

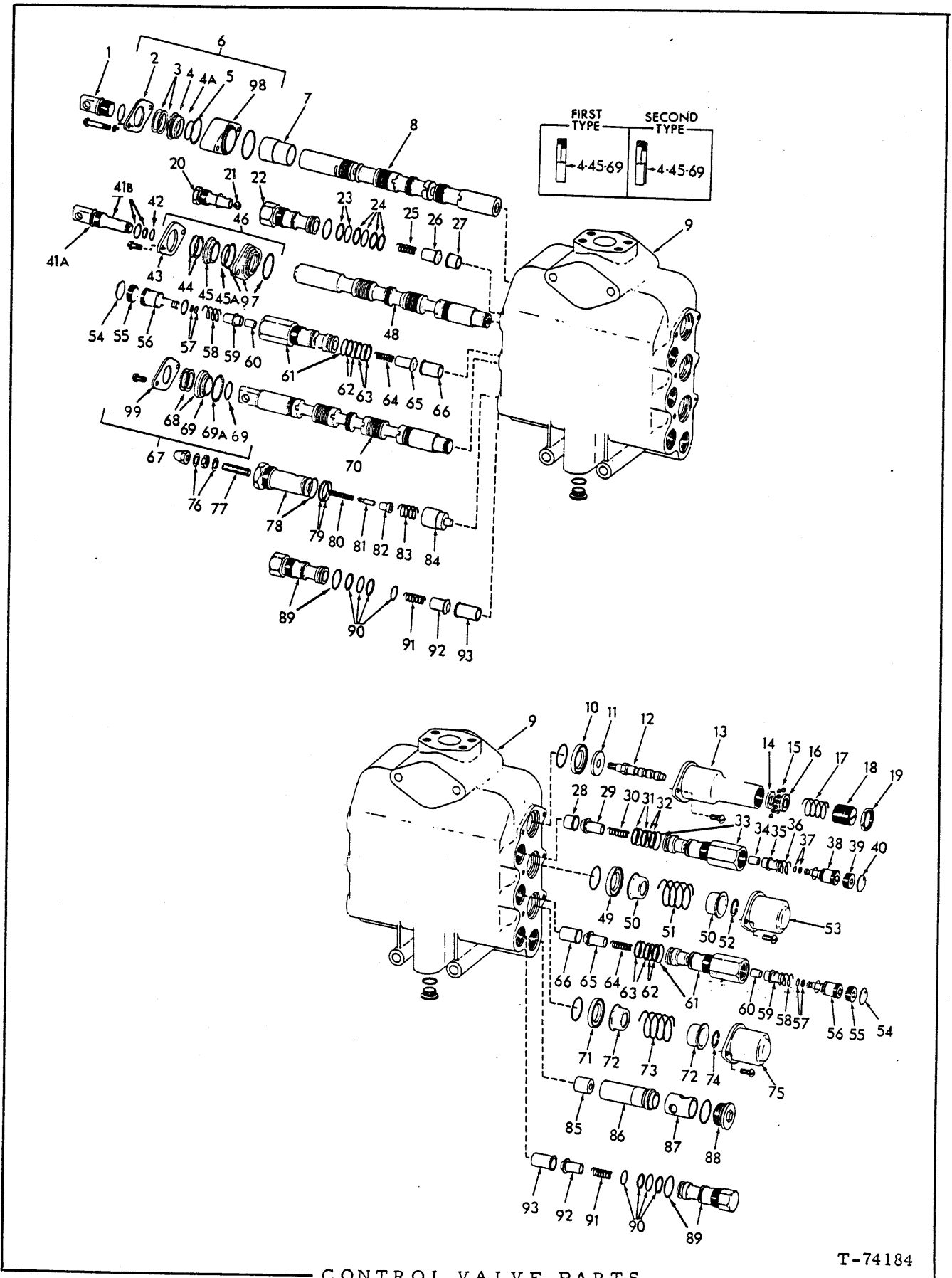
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"ALWAYS GIVE MODEL AND SERIAL NUMBER WHEN ORDERING PARTS"

CONTROL VALVE (FIRST TYPE) (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
79	-----	1	PLUNGER, relief valve (Not serviced, order item 94)
80	-----	1	SEAT, pilot relief (Not serviced, order item 94)
81	73044749	1	SPRING
82	73044748	1	PLUNGER ASSY. (Includes Screen and Plunger - serviced only as a unit)
83	73044744	1	SEAT, relief
84	73044745	1	HOLDER, relief seat
85	73044746	1	SPACER
86	70928604	1	PLUG ASSY. (Includes O-RING)
	70921235	1	O-RING, 1-1/4" tube O. D.
87	73046520	2	CAP
	70921214	2	O-RING, 1" I. D.
88	70926612	4	RING, back-up
	70923566	2	O-RING, 7/8" I. D.
	70923988	2	O-RING, 15/16" I. D.
89	73044735	2	SPRING
90	73044734	2	POPPET, check
91	73048330	2	SEAT, check
92	73105254	1	RELIEF VALVE KIT (Includes items 38A, 38B, 39 and 1-3105112 Instruction Print)
93	73054675	1	KIT ASSY., adjusting cap (Consists of items 30,31 and 32)
94	73054770	1	KIT ASSY., adjusting cap (Consists of one each items 76, 79 and 80)
95	73061244	1	HOUSING, extension

ALWAYS GIVE MODEL AND SERIAL NUMBER WHEN ORDERING PARTS



CONTROL VALVE PARTS

T-74184

CONTROL VALVE PARTS

USAGE: *2-spool Standard Equipment } Used prior to Loader serial No. 23C02669.
 **3-spool Special Equipment }
 ***3-spool Special Equipment - Used with loader serial No. 1682 thru 96M02668.

ITEM	PART NO.	QUANTITY			DESCRIPTION
		*	**	***	
-	73105045	1	-	-	VALVE ASSY. (Includes items 1 thru 54, 76 thru 88 and 94 thru 96)
	73105046	-	1	1	VALVE ASSY. (Includes items 1 thru 93)(For BUCKET on 745)
	73105047	-	-	1	VALVE ASSY. (Includes items 1 thru 93)(For WINCH)
	70923909	4	4	4	SCREW, 1/2"NC x 5-1/2"
	70926191	4	4	4	WASHER, plain, hardened, 1/2"
	70922304	4	4	4	NUT, pltd., 1/2"NC
1	73044737	1	1	1	EYE
	70921206	1	1	1	O-RING, 3/4" tube O. D.
2	73044730	1	1	1	RETAINER
	70919785	2	2	2	CAPSCREW, 5/16"NC x 1-3/4"
	70904205	2	2	2	LOCKWASHER, 5/16"
3	73044729	2	2	2	WIPER
4	-----	-	-	1	SEAL (First Type - see inset) (Order item 2 thru 7 and 98)
	73105283	1	1	1	SEAL (Second Type - see inset for 745 ONLY)
4A	70927026	1	1	1	O-RING
5	70923813	1	1	1	O-RING, 1-3/8" I. D.
6	-----	1	1	1	SEAL ASSY. (Not serviced as an assembly)(Order items 2 thru 7, 98 and O-RING indented below)
	70924038	1	1	1	O-RING, 1-1/15" I. D.
7	73044725	1	1	1	SLEEVE
8	-----	1	1	1	PLUNGER (Order complete VALVE ASSY)
9	-----	1	1	1	BODY (Order complete VALVE ASSY.)
	70923166	1	1	1	PLUG, (Pressure check opening)
	70924621	-	1	1	PLUG ASSY. (Includes O-RING)
	70921883	-	1	1	O-RING, 1/4" tube O. D.
10	73044690	1	1	1	RETAINER
	70923813	1	1	1	O-RING, 1-3/8" I. D.
11	73051807	1	1	1	WASHER
12	73051808	1	1	1	STUD
13	73051806	1	1	1	COVER
	73044696	1	2	1	SCREW
14	73063558	1	1	1	WASHER
15	73051813	1	8	8	BALL
16	73051812	1	1	1	CAM

(Continued)

CONTROL VALVE PARTS (Continued)

ITEM	PART NO.	QUANTITY			DESCRIPTION
		*	**	***	
17	73055552	1	1	1	SPRING
18	73051809	1	1	1	CAP
19	73051810	1	1	1	NUT
20	73044771	1	1	1	SEAT
	70921206	1	1	1	O-RING, 3/4" tube O. D.
21	73044770	1	1	1	BALL
22	73044764	1	1	1	CAP
	70921214	1	1	1	O-RING, 1" tube O. D.
23	70926612	1	1	1	RING
	70923988	1	1	1	O-RING, 15/16" I. D.
24	70926611	3	3	3	RING
	70923566	1	1	1	O-RING, 7/8"
25	73044735	1	1	1	SPRING
26	73044734	1	1	1	POPPET
27	73044733	1	1	1	SEAT
28	73044733	3	1	1	SEAT
29	73044734	3	1	1	POPPET
30	73044735	3	1	1	SPRING
31	70926611	6	2	1	RING
	70923566	3	1	1	O-RING, 7/8" I. D.
32	70926612	3	1	1	RING
	70923988	3	1	1	O-RING, 15/16" I. D.
33	-----	3	1	1	CAP (Order item 95)
	70921214	3	1	1	O-RING, 1" tube O. D.
34	-----	3	1	1	SEAT (Order item 95)
35	-----	3	1	1	POPPET (Order item 95)
36	73044587	3	1	1	SPRING
37	70928232	3	1	1	RING
	70923560	3	1	1	O-RING, 3/8" I. D.
38	73046950	3	1	1	GUIDE
	70923849	3	1	1	O-RING, 13/16" I. D.
39	73046949	3	1	1	NUT
40	73046947	3	1	1	PLUG
41A	73105114	1	1	1	EYE

(Continued)

CONTROL VALVE PARTS (Continued)

ITEM	PART NO.	QUANTITY			DESCRIPTION
		*	**	***	
41B	73105113	1	1	1	POPPET ASSY. (Includes item 42)
	73046946	1	1	1	O-RING, 3/4" tube O. D.
	70923561	1	1	1	O-RING, 5/8" I. D.
42	70921206	1	1	1	O-RING, 59/64" I. D.
43	73044730	1	1	1	RETAINER
	70914392	2	2	2	CAPSCREW, 5/16"NC x 1"
	70915809	2	2	2	CAPSCREW, 5/16"NC x 3/4"
	70904205	2	4	2	LOCKWASHER, 5/16"
44	73044729	2	2	2	WIPER
45	-----	-	-	1	RETAINER (First Type - see Insert)(Order item 43 thru 45A and 46)
	73105283	1	1	1	RETAINER (Second Type - see Insert for 745 ONLY)
45A	70927026	1	1	1	O-RING
46	-----	1	1	1	SEAL ASSY. (Not serviced as an assembly)(Order items 43 thru 47)
	70923813	1	1	1	O-RING, 1-3/8" I. D.
	70923578	1	1	1	O-RING, 1-7/8" I. D.
48	-----	1	1	1	PLUNGER (Order complete VALVE ASSY.)
49	73044690	1	1	1	RETAINER
	70923813	1	1	1	O-RING, 1-3/8" I. D.
50	73044692	2	2	2	RETAINER
51	73044693	1	1	2	SPRING
52	73044694	1	1	1	RING, snap
53	73044695	1	1	1	COVER
	73044696	2	2	2	SCREW
54	73046947	-	2	2	PLUG
55	73046949	-	2	2	NUT
56	73046950	-	2	2	GUIDE
	70923849	-	2	2	O-RING, 13/16" I. D.
57	70928232	-	2	2	RING
	70923560	-	2	2	O-RING
58	73044587	-	2	2	SPRING
59	-----	-	2	2	POPPET (Order item 95)
60	-----	-	2	2	SEAT (Order item 95)
61	-----	-	2	2	CAP (Order item 95)
	70921214	-	2	2	O-RING, 1" I. D.
62	70926612	-	2	2	RING, backup
	70923988	-	2	2	O-RING, 15/16" I. D.

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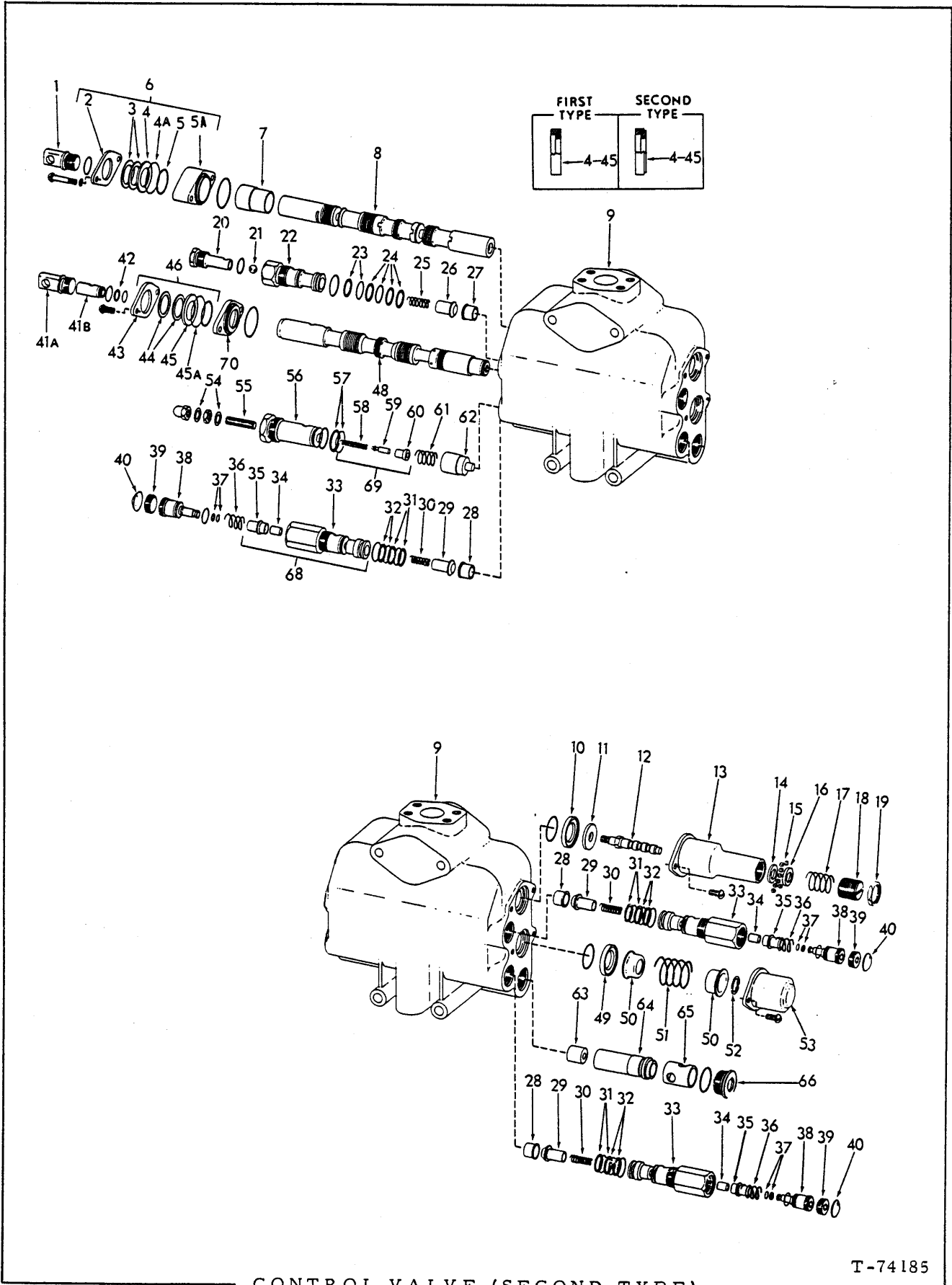
CONTROL VALVE PARTS (Continued)

ITEM	PART NO.	QUANTITY			DESCRIPTION
		*	**	***	
63	70926611	-	4	4	RING, back up
	70923566	-	2	2	O-RING, 7/8" I. D.
64	73044735	-	2	2	SPRING
65	73044734	-	2	2	POPPET
66	73048330	-	2	2	SEAT
67	-----	-	1	1	SEAL ASSY. (Not serviced as an assembly (Order items indented below and item 43, 68, 69, 69A)
	70915809	-	2	2	CAPSCREW, cd. pltd., 5/16"NC x 3/4"
	70904205	-	2	2	LOCKWASHER, 5/16"
68	73044729	-	2	2	WIPER
69	73105283	-	1	1	RETAINER
	70923813	-	1	1	O-RING, 1-11/32" I. D.
69A	70927026	-	1	1	O-RING
70	-----	-	1	1	PLUNGER (Not serviced. Order complete VALVE ASSY.)
71	73044690	-	1	1	RETAINER
	70923813	-	1	1	O-RING, 1-11/32" I. D.
72	73044692	-	2	2	RETAINER
73	73044693	-	1	1	SPRING
74	73044694	-	1	1	RING
	73044695	-	1	1	COVER
75	73044696	-	2	2	SCREW
	73044696	-	2	2	SCREW
76	73044758	2	2	2	SEAL
77	70927295	1	1	1	SCREW
	73044759	1	1	1	NUT
	70913463	1	1	1	NUT, acorn, 1/2"NF
78	-----	1	1	1	CAP (Order item 96)
	70921235	1	1	1	O-RING, 1-1/4" tube O. D.
79	70926617	1	1	1	RING
	70923811	1	1	1	O-RING, 1/1/8" I. D.
80	73044754	1	1	1	SPRING
81	-----	1	1	1	PLUNGER (Order item 97)
82	-----	1	1	1	SEAT (Order item 96)
83	73044749	1	1	1	SPRING
84	73044748	1	1	1	PLUNGER ASSY. (Includes screen and plunger, serviced only as a unit)
85	73044744	1	1	1	SEAT
86	73044745	1	1	1	HOLDER

(Continued)

CONTROL VALVE PARTS (Continued)

ITEM	PART NO.	QUANTITY			DESCRIPTION
		*	**	***	
87	73044746	1	1	1	SPACER
88	70928604	1	1	1	PLUG ASSY. (Includes O-RING)
	70921235	1	1	1	O-RING, 1-1/4" tube O. D.
89	73046520	-	2	2	CAP
	70921214	-	2	2	O-RING, 1" I. D.
90	70926612	-	4	4	RING, back up
	70926611	-	2	2	RING, back up
	70923566	-	2	2	O-RING, 7/8" I. D.
	70923988	-	2	2	O-RING, 15/16" I. D.
91	73044735	-	2	2	SPRING
92	73044734	-	2	2	POPPET
93	73048330	-	2	2	SEAT
94	73105254	1	1	1	RELIEF VALVE KIT (Includes items 41A, 41B, 42 and 1 INSTRUCTION PRINT)
95	73054675	1	1	1	CAP ASSY. (Includes items 33, 34 and 35)
96	73054770	1	1	1	CAP and SEAT ASSY. (Includes item 78, 81 and 82)
97	-----	1	1	1	HOUSING, extension (Order item 46)
98	73061244	1	1	1	HOUSING, extension
	70924038	1	1	1	O-RING, 1-15/16" I. D.



CONTROL VALVE (SECOND TYPE)

T-74185

CONTROL VALVE (SECOND TYPE)

USAGE: Standard Equipment (2 Spool) - Used with loader serial no. 1682 thru 96M02668.

ITEM	PART NO.	QTY.	DESCRIPTION
-	73105045	1	VALVE ASSY., control (Includes items 1 thru 66)
	70923909	4	CAPSCREW, 1/2" NC x 5-1/2"
	70926191	4	WASHER, plain, hardened, 1/2"
	70922304	4	NUT, pltd., 1/2" NC
1	73044737	1	EYE
	70921206	1	O-RING, 3/4" tube O. D.
2	73044730	1	RETAINER
	70922286	2	CAPSCREW, cd. pltd., 5/16" NC x 1-3/4"
	70904205	2	LOCKWASHER, 5/16"
3	73044729	2	WIPER
4	-----	1	RETAINER, seal (FIRST TYPE - see inset)
			(not serviced - order item 2 thru 7)
	73105283	1	RETAINER, seal (SECOND TYPE - see inset)
4A	70927026	1	O-RING
5	70923813	1	O-RING, 1-3/8" I. D.
5A	73061244	1	HOUSING
6	-----	1	SEAL ASSY. Order O-RING listed below, and items 2, 3, 4, 4A,
			5, 5A and 7)
	70924038	1	O-RING, 1-15/16" I. D.
7	73044725	1	SLEEVE
8	-----	1	PLUNGER, valve (Not serviced separately)
9	-----	1	BODY, valve (Not serviced separately)
	70923166	1	PLUG, pressure check opening
10	73044690	1	RETAINER
	70923813	1	O-RING, 1-3/8" I. D.
11	73051807	1	WASHER
12	73051808	1	STUD, detent
13	73051806	1	COVER
	73044696	2	SCREW
14	73063558	1	WASHER
15	73051813	8	BALL
16	73051812	1	CAM
17	73055552	1	SPRING
18	73051809	1	CAP
19	73051810	1	NUT

(Continued)

CONTROL VALVE (SECOND TYPE) (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
20	73044771	1	SEAT
	70921206	1	O-RING, 3/4" tube O. D.
21	73044770	1	BALL
22	73044764	1	CAP
	70921214	1	O-RING, 1" tube O. D.
23	70926612	1	RING, back-up
	70923988	1	O-RING, 15/16" I. D.
24	70926611	3	RING, back-up
	70923566	1	O-RING, 7/8" I. D.
25	73044735	1	SPRING
26	73044734	1	POPPET
27	73044733	1	SEAT
28	73044733	3	SLEEVE
29	73044734	3	POPPET
30	73044735	3	SPRING
31	73044766	6	RING, back-up
	70923566	3	O-RING, 7/8" I. D.
32	73044768	3	RING, back-up
	70923988	3	O-RING, 15/16" I. D.
33	-----	3	CAP (Order item 68)
	70921214	3	O-RING, 1" tube O. D.
34	-----	3	SEAT (Order item 68)
35	-----	3	POPPET, relief (Order item 68)
36	73044587	3	SPRING
37	70928232	3	RING, back-up
	70923560	3	O-RING, 3/8" I. D.
38	73046950	3	GUIDE
	70923849	3	O-RING, 13/16" I. D.
39	73046949	3	LOCKNUT
40	73046947	3	PLUG
41A	73105114	1	EYE
41B	73105113	1	POPPET ASSY., plunger (Includes item 42)
	70921206	1	O-RING, 3/4" tube O. D.
	70923561	1	O-RING, 5/8" I. D.

(Continued)

CONTROL VALVE (SECOND TYPE) (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
42	70928583	1	RING, back-up
43	73044730	1	RETAINER
	70914392	2	CAPSCREW, 5/16" NC x 1"
	70904205	2	LOCKWASHER, 5/16"
44	73044729	2	WIPER
45	-----	1	RETAINER, (FIRST TYPE - see inset) (Order items 43 thru 46 and item 70)
	73105283	1	RETAINER (SECOND TYPE - see inset)
45A	70927026	1	O-RING
46	-----	1	SEAL ASSY. (Not serviced as an assembly) (Order O-RINGS listed below and items 43 thru 45A and 70)
	70923578	1	O-RING, 1-7/8" I. D.
	70923813	1	O-RING, 1-3/8" I. D.
48	-----	1	PLUNGER (Order complete Valve Assy.)
49	73044690	1	RETAINER
	70923813	1	O-RING, 1-3/8" I. D.
50	73044692	2	RETAINER
51	73044693	1	SPRING
52	73044694	1	RING
53	73044695	1	COVER
	73044696	1	SCREW
54	73044758	2	WASHER
55	70927295	1	SCREW
	73044759	1	NUT, lock
	70913463	1	NUT, acorn, 1/2" NF
56	-----	1	CAP (Order item 69)
	70921235	1	O-RING, 1-1/4" tube O. D.
57	70926617	1	RING, back-up
	70923811	1	O-RING, 1-1/8" I. D.
58	73044754	1	SPRING
59	-----	1	PLUNGER (Order item 69)
60	-----	1	SEAT (Order item 69)
61	73044749	1	SPRING
62	73044748	1	PLUNGER ASSY. (Includes Screen and Plunger - serviced only as a unit)

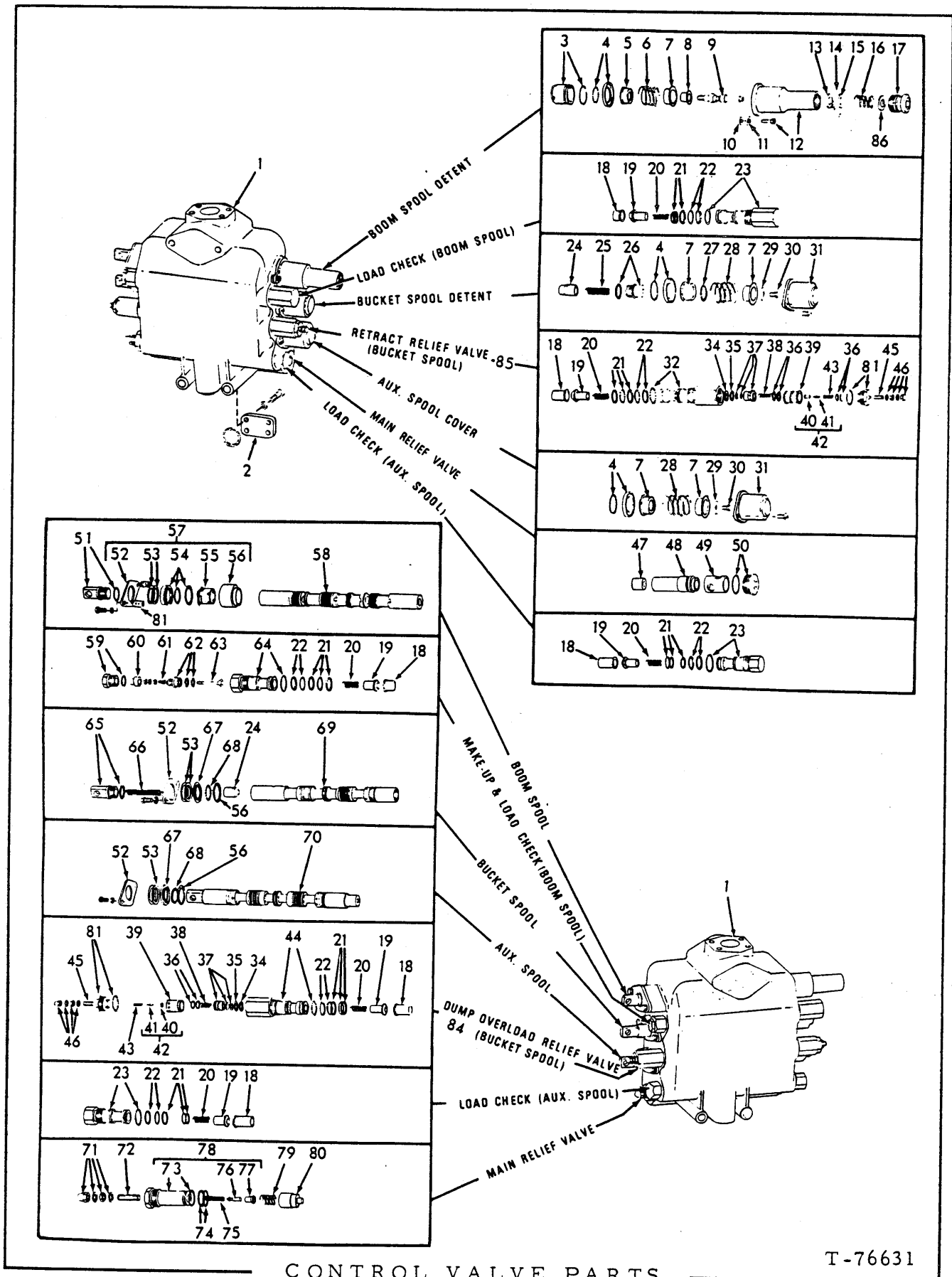
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"ALWAYS GIVE MODEL AND SERIAL NUMBER WHEN ORDERING PARTS"

CONTROL VALVE (SECOND TYPE) (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
63	73044744	1	SEAT
64	73044745	1	HOLDER
65	73044746	1	SPACER
66	70928604 70921235	1 1	PLUG ASSY. (Includes O-RING) O-RING, 1-1/4" tube O. D.
67	73105254	1	RELIEF VALVE KIT (Includes items 41A, 41B, 42 and 1-3105112 Instruction Print)
68	73054675	1	KIT ASSY. adjusting cap (Consists of one each items 33, 34 and 35)
69	73054770	1	KIT ASSY. adjusting cap (Consists of items 56, 59 and 60)
70	73105282	1	HOUSING

"ALWAYS GIVE MODEL AND SERIAL NUMBER WHEN ORDERING PARTS"



CONTROL VALVE PARTS

T-76631

CONTROL VALVE PARTS

USAGE: *73058209 VALVE ASSY. (2 spool)(Std.) } Effective with loader s/n
 **73058210 VALVE ASSY. (3 spool)(Special Equipment) } 23C02669, 96M02669, 84U02780,
 87L02780.

ITEM	PART NO.	QTY.		DESCRIPTION
		*	**	
1	-----	1	1	BODY (Order VALVE ASSY.)
	70928605	1	1	PLUG ASSY. (Includes 1 O-RING)
	70924621	-	1	PLUG ASSY. (Includes 1 O-RING)
2	73044216	1	-	COVER
	70923578	1	-	O-RING, 1-1/2" I. D.
	70915987	4	-	CAPSCREW, 1/2" NC x 1-1/2"
	70904208	4	-	LOCKWASHER, 1/2"
3	73058504	1	1	SLEEVE
	70923571	1	1	O-RING, 1-3/4" I. D.
4	73044690	2	3	RETAINER
	70923813	2	3	O-RING, 1-3/8" I. D.
5	73052661	1	1	RETAINER
6	73058496	1	1	SPRING
7	73044692	3	5	RETAINER
8	73058494	1	1	RETAINER
9	73068881	1	1	STUD
10	-----	2	2	SPACER (Order item 11)
11	73067342	2	2	CLAMP (Replaces 73058497 and 73058498)
12	73058492	1	1	COVER
	73058499	2	2	SCREW, 3/16" NC x 1" Hollow Hex Head
13	73063558	1	1	WASHER
14	73051813	8	8	BALL
15	73051812	1	1	CAM
16	73058495	1	1	SPRING
17	{ -----	1	1	PLUG (First type)
	{ 73069094	1	1	PLUG (for initial replacement also order item 86)
18	{ 73044733	4	4	SEAT (Short)
	{ 73048330	-	2	SEAT (Long)
19	73044734	4	6	POPPET
20	73044735	4	6	SPRING
21	{ 70926611	8	12	RING, back-up
	{ 70923566	4	6	O-RING (7/8" I. D.)
22	{ 70926612	4	6	RING, back-up
	{ 70923988	4	6	O-RING, (15/16" I. D.)
23	73046520	1	3	CAP
	70921214	1	3	O-RING (15/16" I. D.)
24	73058480	2	2	POPPET
25	73058482	1	1	SPRING
26	73058479	1	1	END
	70921206	1	1	O-RING, 1-1/16" I. D.
27	73058503	1	1	SPACER
28	73058500	1	2	SPRING
29	73058501	1	2	WASHER
30	73058502	1	2	SCREW

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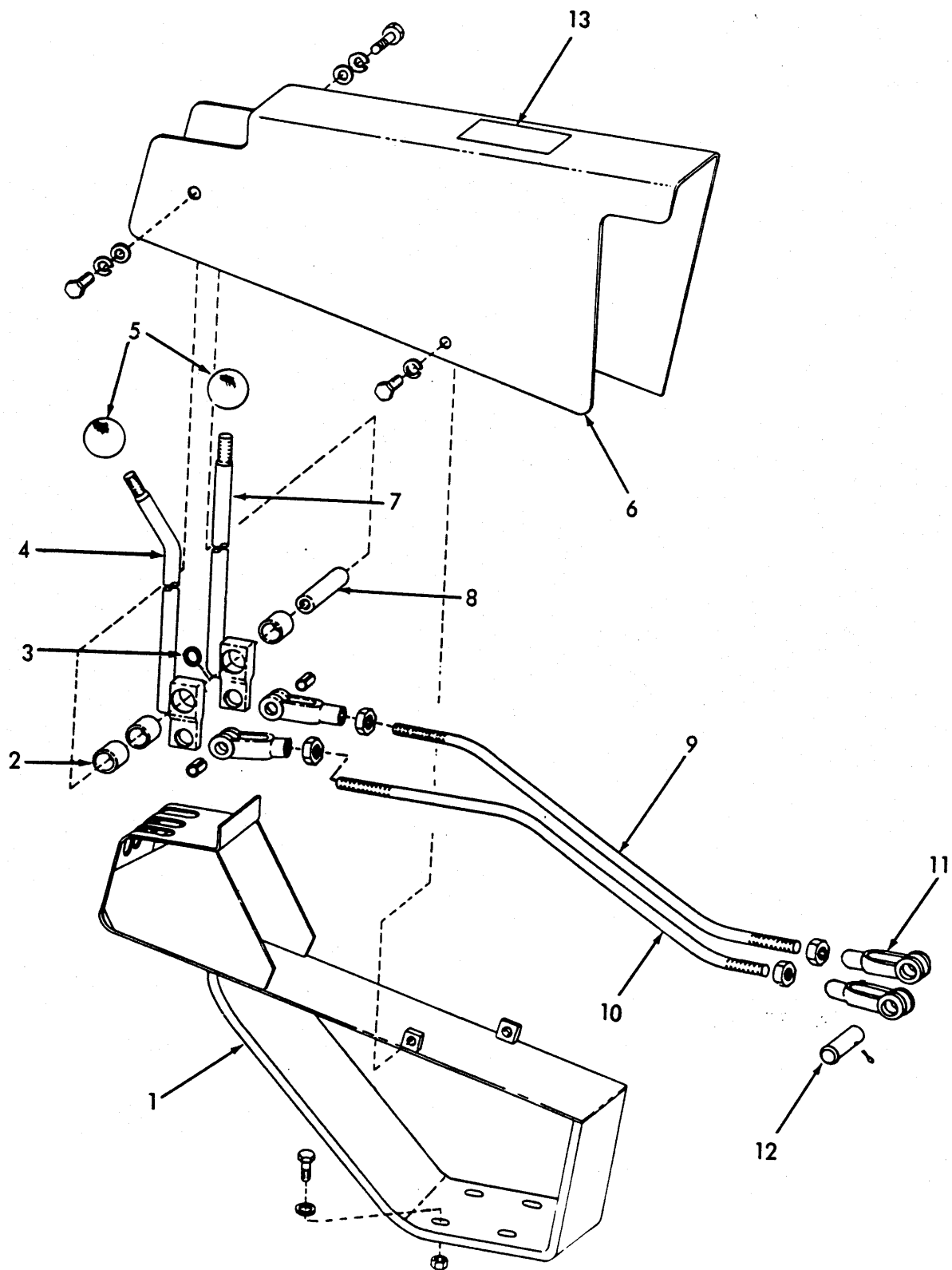
CONTROL VALVE PARTS (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
		* **	
31	73044695	1 2	COVER
	73044696	2 4	SCREW, 5/16" NC x 3/4" (Includes LOCKWASHER)
32	73061981	2 2	CAP
33	-----	- -	Not used in this application
34	70929870	2 2	RING, back-up
35	70923379	2 2	O-RING
36	70929104	2 2	RING, back-up
	70923945	2 2	O-RING, 3/4" I. D.
37	73061197	2 2	POPPET ASSY. (Includes SCREEN, RING and items 34 and 35)
38	73061198	2 2	SPRING
39	73058488	2 2	TUBE
40	-----	2 2	SEAT (Order item 42)
41	-----	2 2	PLUNGER (Order item 42)
42	73058294	2 2	KIT ASSY. (Consists of 1 each of items 40, 41 and 81)
43	73046117	2 2	SPRING
44	73061792	1 1	CAP
	70921214	1 1	O-RING, 1-3/16" I. D.
45	73054377	2 2	SCREW
46	73069409	4 4	WASHER
	70923559	4 4	O-RING (.301" I. D.)
	70924236	2 2	NUT, acorn, 5/16" NF
	70910980	2 2	NUT jam. 5/16"
47	73044744	1 1	SEAT
48	73044745	1 1	HOLDER
49	73044746	1 1	SPACER
50	70928604	1 1	PLUG (Includes O-RING)
51	73058478	1 1	EYE
	70921206	1 1	O-RING, 1-1/16" I. D.
52	73044730	2 3	RETAINER
	70919785	2 2	CAPSCREW, 5/16" NC x 1-3/4" (Boom Spool)
	70921332	2 4	CAPSCREW, 5/16" NC x 3/4"
	70904205	4 6	LOCKWASHER, 5/16"
53	73044729	4 6	WIPER
54	73058484	1 1	RETAINER
55	70924038	2 2	O-RING, 15/16" I. D.
56	70923813	2 3	O-RING, 1-3/8" I. D.
57	73062354	1 1	SLEEVE
58	-----	1 1	SPOOL (Order VALVE ASSY.)
59	70921204	1 1	PLUG (Includes 1 O-RING 70921206)
	70921206	1 1	O-RING, 1-1/16" I. D.
60	73058487	1 1	SPACER
61	73058687	1 1	SPRING
62	73058688	1 1	SEAT
	70923561	1 1	O-RING, 5/8" I. D.
	70928583	1 1	RING, back-up

(Continued)

CONTROL VALVE PARTS (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
		* **	
63	73058689	1 1	POPPET
	70910244	1 1	WASHER, plain, SAE std., 1/2"
	70917415	2 2	NUT, #10 NC
64	73058486	1 1	CAP
	70921214	1 1	O-RING, 1-5/16" I. D.
65	73058478	1 1	EYE
	70921206	1 1	O-RING, 1-1/16" I. D.
66	73058481	1 1	SPRING
67	73105283	1 2	RETAINER
68	70927026	1 2	O-RING, 1" I. D.
69	-----	1 1	SPOOL (Order VALVE ASSY.)
70	-----	- 1	SPOOL (Order VALVE ASSY.)
71	73044758	2 2	SEAL
	70913463	1 1	NUT, acorn, 1/2" NF
	73044759	1 1	NUT, adjusting screw
72	70927295	1 1	SCREW
73	-----	1 1	CAP (Order item 78)
	70921235	1 1	O-RING, 1-1/2" I. D.
74	70926617	1 1	RING, back-up
	70923811	1 1	O-RING, 1-1/8" I. D.
75	73044754	1 1	SPRING
76	-----	1 1	PLUNGER (Order item 78)
77	-----	1 1	SEAT (Order item 78)
78	73054770	- -	KIT ASSY. (Consists of 1 each: cap from item 73 and 76, 77)
79	73044749	1 1	SPRING
80	73044748	1 1	PLUNGER
81	-----	2 2	CAP (Order item 42) (Also order O-RING indented below)
	70921886	2 2	O-RING (13/64" I. D.)
82	73062355	1 1	COLLAR
83	73062356	2 2	SPACER
	73062176	1 -	VALVE ASSY. (bucket dump-1000 psi) (Includes items 18 thru 22, 34 thru 46 and 81)
84	73062177	1 1	VALVE ASSY. (bucket retract-2400 psi) (Includes items 18 thru 22, 34 thru 46 and 81)
	73062178	- 1	VALVE ASSY. (bucket dump-950 psi) (Includes items 18 thru 22, 34 thru 46 and 81)
85	73062177	1 1	VALVE ASSY. (bucket retract - 2400 psi)(Includes items 18 thru 22, 34 thru 46 and 81)(Preset at factory)
86	73069093	1 1	WASHER



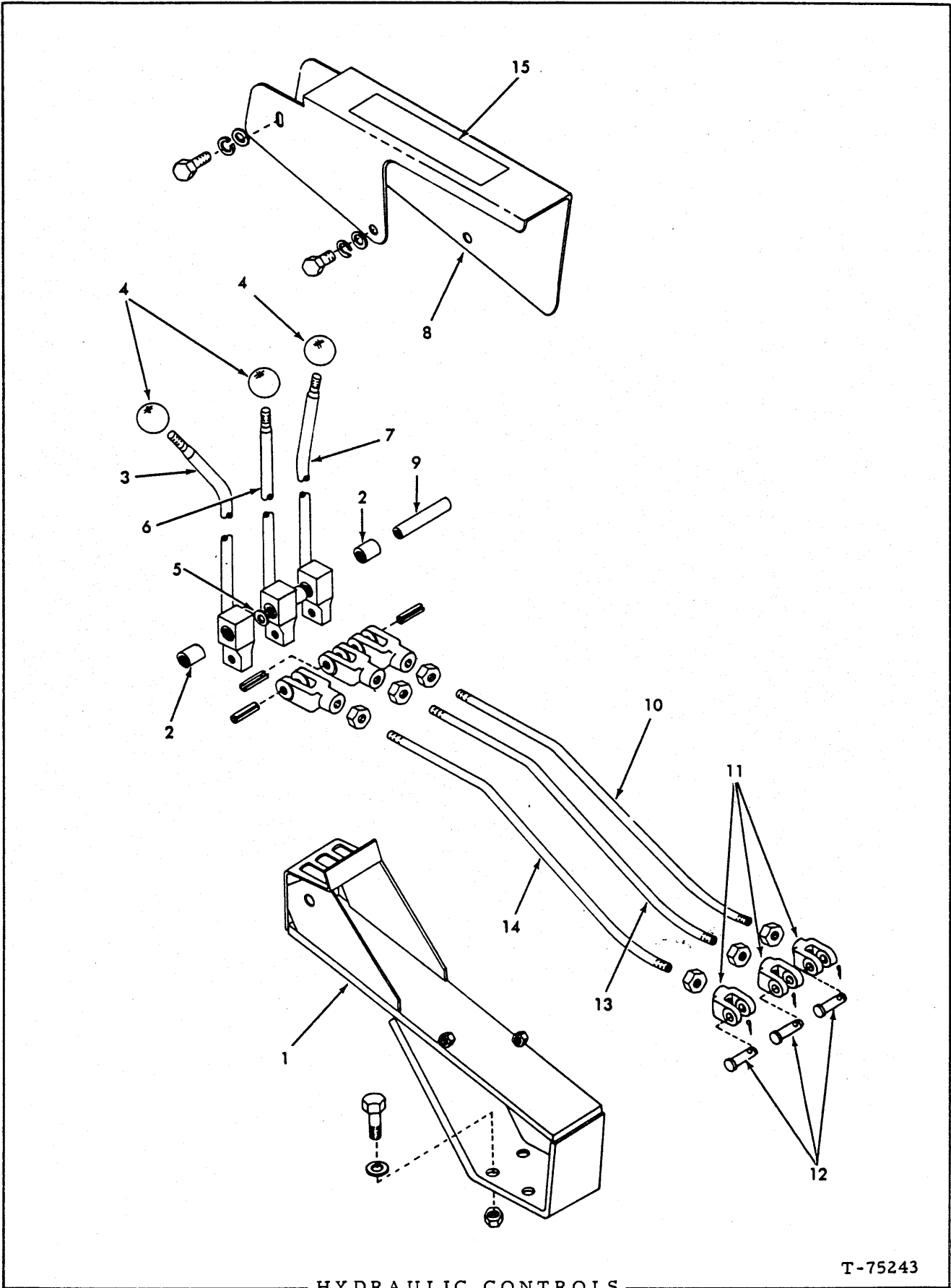
HYDRAULIC CONTROLS

T-75241

HYDRAULIC CONTROLS

USAGE: Standard Equipment with 2-spool Valve-Used prior to loader serial no. 96M02269,
 ITEM PART NO. QTY. DESCRIPTION 23C02269.

ITEM	PART NO.	QTY.	DESCRIPTION
1	73047463	1	SUPPORT
	70915987	2	CAPSCREW, 1/2" NC x 1-1/2"
	70921024	2	CAPSCREW, cd. pltd., 1/2" NC x 2"
	70926192	4	WASHER, plain, hardened, 1/2"
	70904206	4	LOCKWASHER, 1/2"
	70910325	2	NUT, 1/2" NC
2	73007065	3	BUSHING
	70915874	1	WASHER, shim (.020" thick) (Use as required)
3	73002322	1	SPACER
4	73047382	1	LEVER ASSEMBLY
	70917666	1	YOKE, adjustable, 1/2" NF
	70922419	1	PIN, roll, yoke, 1/2" x 1-1/8"
5	73001171	2	KNOB
6	73048874	1	PLATE
	70916381	2	CAPSCREW, 3/8" NF x 3/4"
	70915408	2	CAPSCREW, 3/8" NC x 3/4"
	70904206	4	LOCKWASHER, 3/8"
	70900817	4	WASHER, plain, U. S. std., 3/8"
7	73047360	1	LEVER ASSEMBLY
	70917666	1	YOKE, adjustable, 1/2" NF
	70922419	1	PIN, roll, yoke, 1/2" x 1-1/8"
8	73044642	1	SHAFT
9	73046429	1	ROD
	70913177	2	NUT, jam, 1/2" NF
10	73046428	1	ROD
	70913177	2	NUT, jam, 1/2" NF
11	73043676	2	YOKE
12	73025958	2	PIN
	70900806	2	PIN, cotter, 1/8" x 1"
13	-----	1	STICKER, rear axle disconnect (See PAINTING and MARKING)



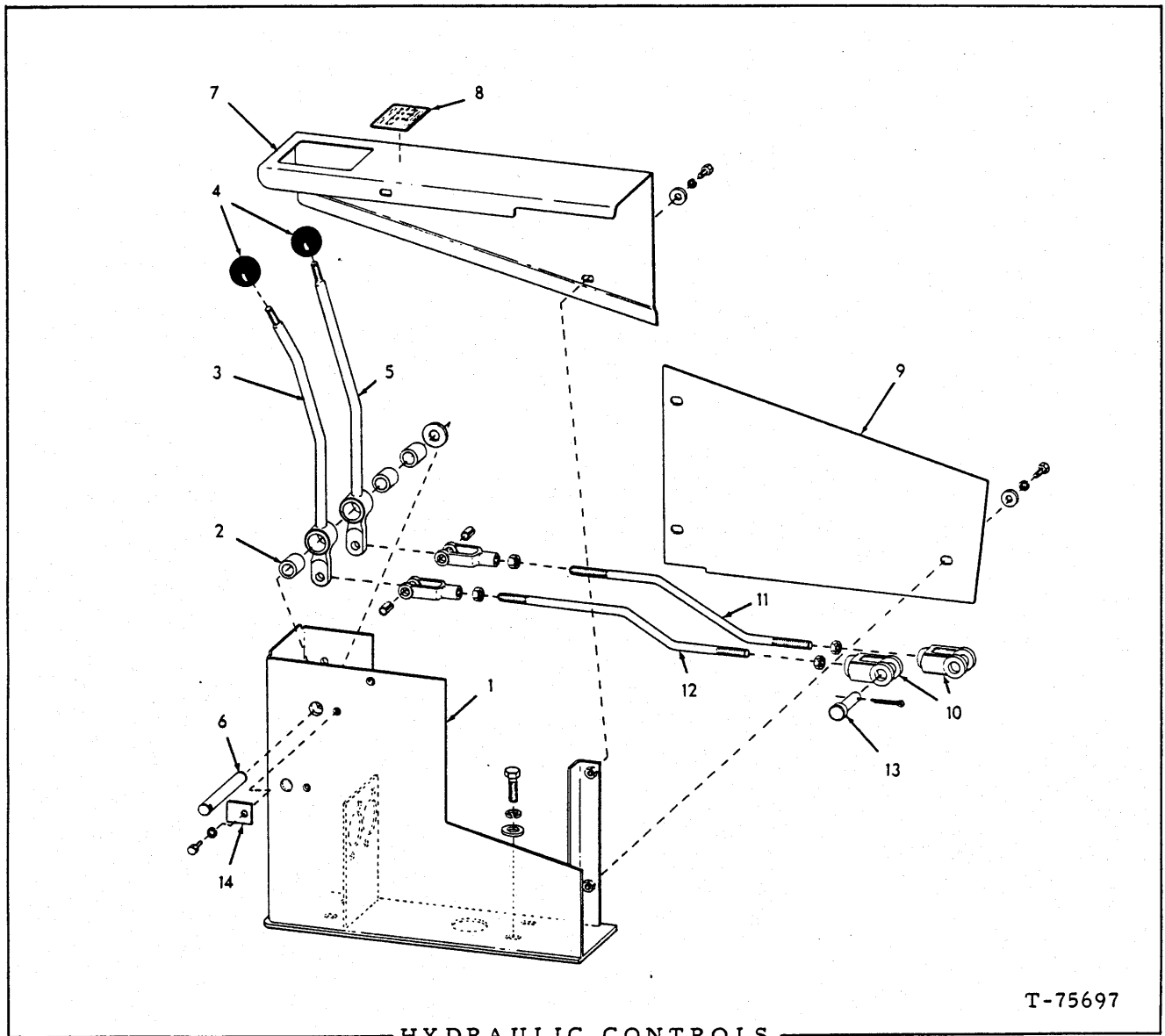
HYDRAULIC CONTROLS

T-75243

HYDRAULIC CONTROLS

USAGE: Special Equipment - with 3-spool Valve Used prior to loader serial no. 96M02669,
23C02669.

ITEM	PART NO.	QTY.	DESCRIPTION
1	73047364	1	SUPPORT
	70915987	2	CAPSCREW, 1/2" NC x 1-1/2"
	70916314	2	CAPSCREW, 1/2" NC x 2"
	70926192	4	WASHER, plain, hardened, 1/2"
	70904208	2	LOCKWASHER, 1/2"
	70915972	2	NUT, 1/2" NC
2	73007065	3	BUSHING
	70915874	1	WASHER, shim (.020" thick)(Use as required)
3	73047382	1	LEVER
4	73001171	3	KNOB
5	73002322	1	SPACER
6	73047360	1	LEVER
7	73047438	1	LEVER
8	73048874	1	PLATE
	70916381	2	CAPSCREW, 3/8" NF x 3/4"
	70915408	2	CAPSCREW, 3/8" NC x 3/4"
	70904206	4	LOCKWASHER, 3/8"
	70911115	4	WASHER, plain, SAE std., 3/8"
9	73044642	1	SHAFT
10	73047641	1	ROD
	70917666	1	YOKE, adjustable, 1/2" NF
	70913177	2	NUT, jam, 1/2" NF
	70922419	1	PIN, roll, yoke, 1/2" x 1-1/8"
11	73043676	3	YOKE
12	73025958	3	PIN
	70900806	3	PIN, cotter, 1/8" x 1"
13	73047642	1	ROD
	70917666	1	YOKE, adjustable, 1/2" NF
	70913177	2	NUT, jam, 1/2" NF
	70922419	1	PIN, roll, yoke, 1/2" x 1-1/8"
14	73046428	1	ROD
15	-----	1	STICKER (See PAINTING AND MARKING)



T-75697

HYDRAULIC CONTROLS
(2 Spool Valve)

NOTE: Effective with loader serial no. 96M02669, 23C02669.

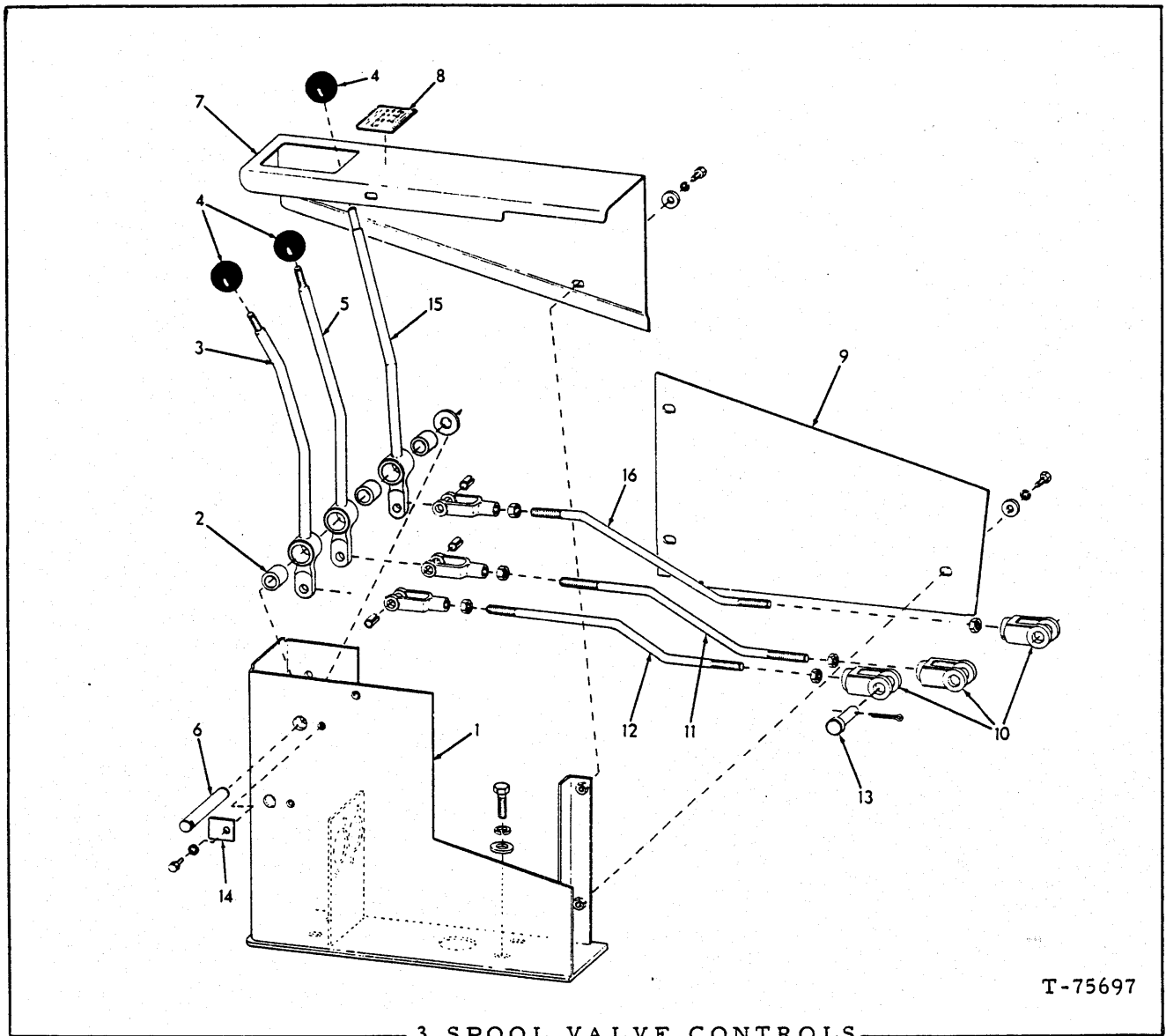
ITEM	PART NO.	QTY.	DESCRIPTION
1	73057860	1	SUPPORT
	70915987	4	CAPSCREW, 1/2" NC x 1-1/2"
	70926192	4	WASHER, plain, 1/2"
	70904208	4	LOCKWASHER, 1/2"
2	73007065	3	BUSHING
	70910255	1	WASHER, plain, SAE std., 3/4"
	70915874	2	WASHER, shim, (.020" thick)(Use as required)
3	73057312	1	LEVER ASSY., (Includes 1 BUSHING 73007065 and items indented below)
	70917666	1	YOKE, adjustable, 1/2" NF
	70922419	1	PIN, roll, 1/2" x 1-1/8"
4	73001171	2	KNOB

(Continued)

HYDRAULIC CONTROLS (Continued)

(2 Spool Valve)

ITEM	PART NO.	QTY.	DESCRIPTION
5	73057310	1	LEVER ASSY. (Includes 1 BUSHING 73007065 and items indented below)
	70917666	1	YOKE, adjustable, 1/2" NF
	70922419	1	PIN, roll, 1/2" x 1-1/8"
6	73057869	1	SHAFT
7	73057879	1	COVER
	70915343	3	CAPSCREW, 1/4" NC x 1/2"
	70911114	3	WASHER, plain, SAE std., 1/4"
	70904204	3	LOCKWASHER, 1/4"
8	73043975	1	STICKER
9	73057866	1	COVER
	70915406	3	CAPSCREW, 1/4" NC x 3/4"
	70911114	3	WASHER, plain, SAE std., 1/4"
	70904204	3	LOCKWASHER, 1/4"
10	73043676	2	YOKE
11	73057870	1	ROD
	70913177	2	NUT, jam, 1/2" NF
12	73057305	1	ROD
	70913177	2	NUT, jam, 1/2" NF
13	73025958	2	PIN
	70900806	2	PIN, cotter, 1/8" x 1"
14	73057868	1	TAB
	70915406	1	CAPSCREW, 1/4" NC x 3/4"
	70904204	1	LOCKWASHER, 1/4"
15	73054504	8	NUT, 1/4" NC (Inside of Cover) (Not Illustrated)



T-75697

3 SPOOL VALVE CONTROLS

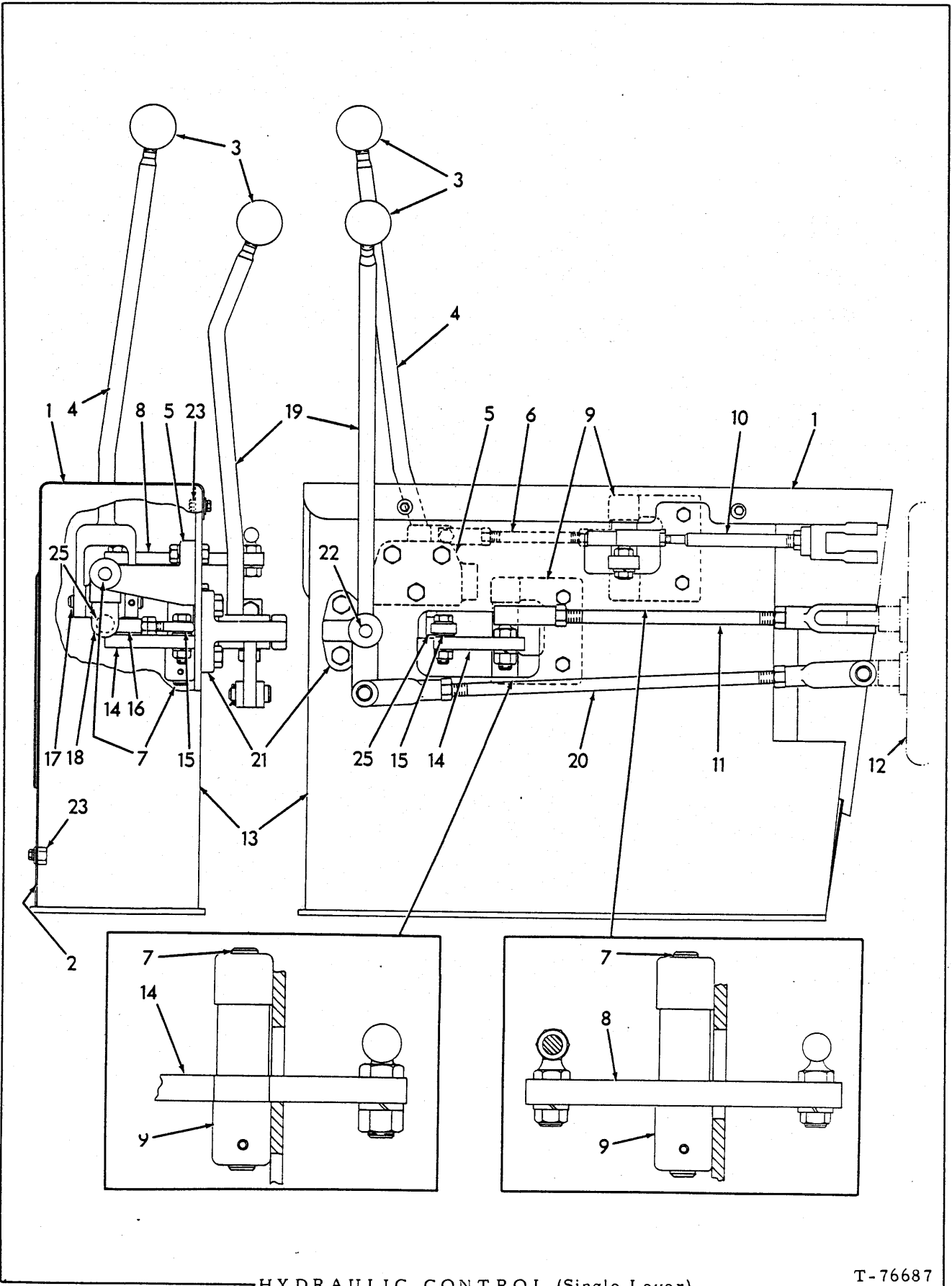
USAGE: Special Equipment - Effective with loader serial no. 96M02669, 23C02669.

ITEM	PART NO.	QTY.	DESCRIPTION
1	73057860	1	SUPPORT
	70915987	4	CAPSCREW, 1/2" NC x 1-1/2"
	70926192	4	WASHER, plain, 1/2"
	70904208	4	LOCKWASHER, 1/2"
2	73007065	3	BUSHING
	70910255	1	WASHER, plain, SAE std., 3/4"
	70915874	1	WASHER, shim, (.020"thick)(Use as required)
3	73057312	1	LEVER ASSY., (Includes 1 BUSHING 73007065 and items indented below).
	70917666	1	YOKE, adjustable, 1.2" NF
	70922419	1	PIN, roll, 1/2" x 1-1/8"

(Continued)

3 SPOOL VALVE CONTROLS (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
4	73001171	3	KNOB
5	73057310	1	LEVER ASSY. (Includes 1 BUSHING 73007065 and items indented below)
	70917666	1	YOKE, adjustable 1/2" NF
	70922419	1	PIN, roll, 1/2" x 1-1/8"
6	73057869	1	SHAFT
7	73057879	1	COVER
	70915343	3	CAPSCREW, 1/4" NC x 1/2"
	70911114	3	WASHER, plain, SAE std., 1/4"
	70904204	3	LOCKWASHER, 1/4"
8	73043975	1	STICKER
9	73057866	1	COVER
	70915406	3	CAPSCREW, 1/4" NC x 3/4"
	70911114	3	WASHER, plain, SAE std., 1/4"
	70904204	3	LOCKWASHER, 1/4"
10	73043676	3	YOKE
11	73057870	1	ROD
	70913177	2	NUT, jam, 1/2" NF
12	73057305	1	ROD
	70913177	2	NUT, jam, 1/2" NF
13	73025958	3	PIN
	70900806	3	PIN, cotter, 1/8" x 1"
14	73057868	1	TAB
	70915406	1	CAPSCREW, 1/4" NC x 3/4"
	70904204	1	LOCKWASHER, 1/4"
15	73057311	1	LEVER ASSY., (Includes 1 BUSHING 73007065 and items indented below)
	70917666	1	YOKE, adjustable, 1/2" NF
	70922419	1	PIN, roll, 1/2" x 1-1/8"
16	73057304	1	ROD
	70913177	2	NUT, jam, 1/2" NF
17	73043404	8	NUT, 1/4" NC (Inside of cover) (Not Illustrated)



HYDRAULIC CONTROL (Single Lever)

T-76687

HYDRAULIC CONTROL
(Single Lever)

USAGE: Special equipment

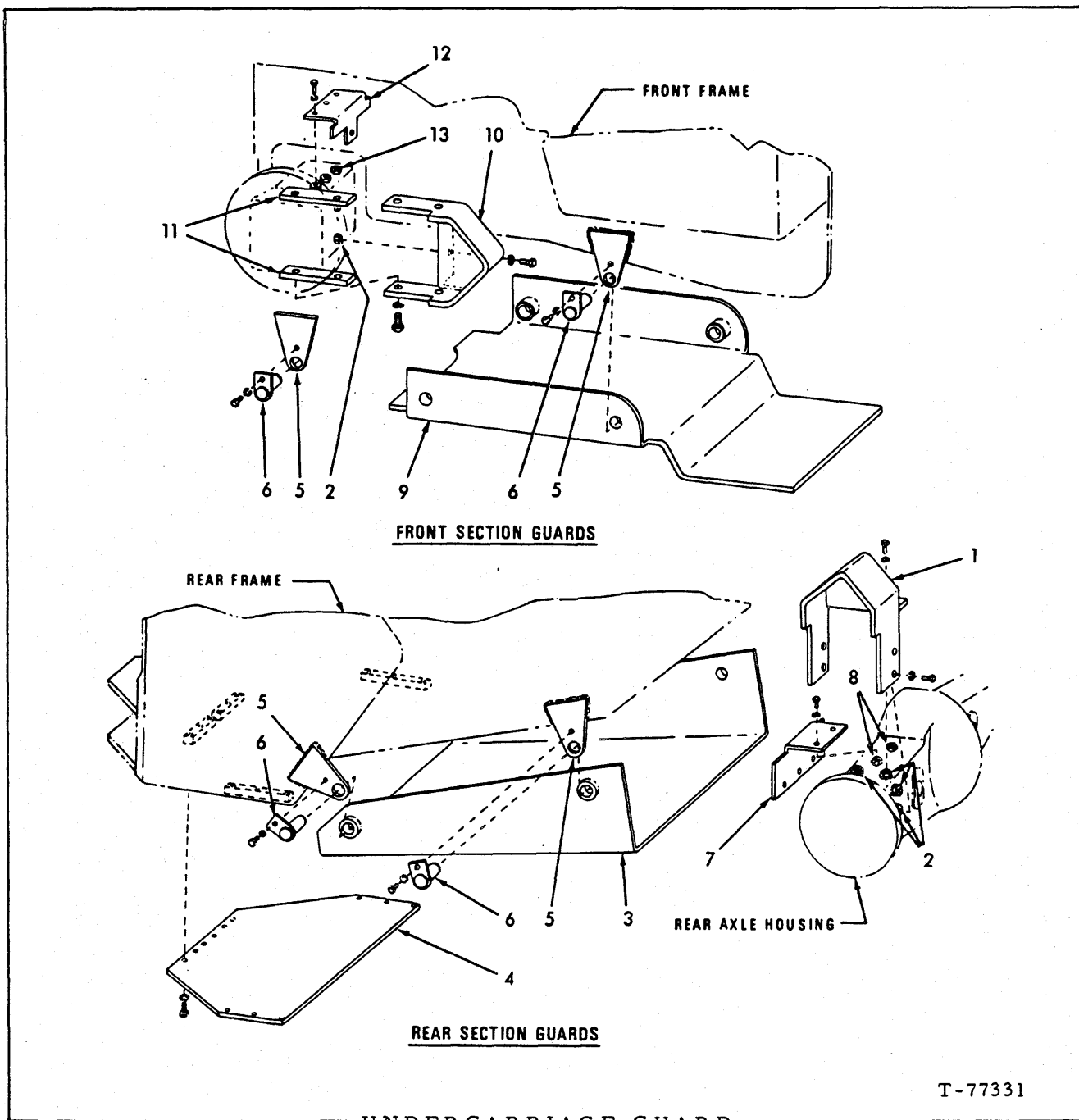
*2 Spool Valve Assy.
**3 Spool Valve Assy.

ITEM	PART NO.	QTY.		DESCRIPTION
		*	**	
1	73058588	1	1	COVER
	70916284	4	4	CAPSCREW, 1/4"NC x 1/2"
	70904204	4	4	LOCKWASHER, 1/4"
	70911114	4	4	WASHER, plain, 1/4"
2	73058567	1	1	COVER
	70916284	3	3	CAPSCREW, 1/4"NC x 1/2"
	70904204	3	3	LOCKWASHER, 1/4"
	70911114	3	3	WASHER, plain, 1/4"
3	73001171	1	2	KNOB
4	73057085	1	1	LEVER
5	70661454	1	1	BRACKET
	70914847	3	3	CAPSCREW, 3/8"NC x 1-1/2"
	70904206	3	3	LOCKWASHER, 3/8"
	70910324	3	3	NUT, 3/8"NC
6	73057081	1	1	ROD
	70653570	2	2	STUD ASSY.
	70904206	2	2	LOCKWASHER, 3/8"
	70910329	4	4	NUT, 3/8"
7	70661455	3	3	SHAFT
	70915797	3	3	PIN, roll, 3/16" x 1-1/4"
8	73058599	1	1	LEVER ASSY. (Includes 2 BEARINGS indented below)
	70928434	2	2	BEARING
9	73058439	2	2	BRACKET
	70916272	4	4	CAPSCREW, 3/8"NC x 1-1/4"
	70904206	4	4	LOCKWASHER, 3/8"
	70910324	4	4	NUT, 3/8"NC
10	73057338	1	1	ROD
	70653570	1	1	STUD ASSY.
	70910329	2	2	NUT, 3/8"NF
	70904206	1	1	LOCKWASHER, 3/8"
	70910195	1	1	NUT, 1/2"NF
	73043676	1	1	YOKE
11	73057340	1	1	ROD
	73043676	1	1	YOKE, 1/2"NF
	70910195	3	3	NUT, 1/2"NF
	70925042	1	1	JOINT, ball
	70904208	1	1	LOCKWASHER, 1/2"
12	-----	1	1	See CONTROL VALVE PARTS
13	73058211	1	1	CONSOLE

(Continued)

HYDRAULIC CONTROL (Continued)
(Single Lever)

ITEM	PART NO.	QTY. * **	DESCRIPTION
14	73058593	1 1	LEVER ASSY. (Includes 2 bearings indented below)
	70928434	2 2	BEARING
15	70639916	1 1	BEARING
	70914847	1 1	CAPSCREW, 3/8"NC x 1-1/2"
	70904206	1 1	LOCKWASHER, 3/8"
	70911115	1 1	WASHER, plain, SAE std., 3/8"
	70910324	1 1	NUT, 3/8"NC
	70910329	1 1	NUT, 3/8"NF
16	70617932	1 1	BEARING
	70916272	1 1	CAPSCREW, 3/8"NC x 1-1/4"
	70904206	1 1	LOCKWASHER, 3/8"
17	70661456	1 1	SHAFT
	70915797	1 1	PIN, roll, 3/16" x 1-1/4"
18	73057108	1 1	LEVER
19	73057106	- 1	LEVER
	70917648	- 1	PIN, 1/2" SAE std., x 1-3/8"
	70900806	- 1	PIN, cotter, 1/8" x 1"
20	73057345	- 1	ROD
	70917666	- 1	YOKE, 1/2"NF
	70910195	- 2	NUT, 1/2"NF
	73043676	- 1	YOKE, 1/2"NF
21	70655718	- 1	BRACKET
	70915987	- 2	CAPSCREW, 1/2"NC x 1-1/2"
	70904208	- 2	LOCKWASHER, 1/2"
	70910325	- 2	NUT, 1/2"NC
22	70655712	- 1	SHAFT
	70915797	- 1	PIN, roll, 3/16" x 1-1/4"
23	73054504	7 7	NUTSERT, 1/4"NC
24	73059181	1 1	INSTRUCTION STICKER (Not shown)
25	73057339	1 1	SPACER, 7/16" I. D. x 3/4" O. D. x 1/2" long



T-77331

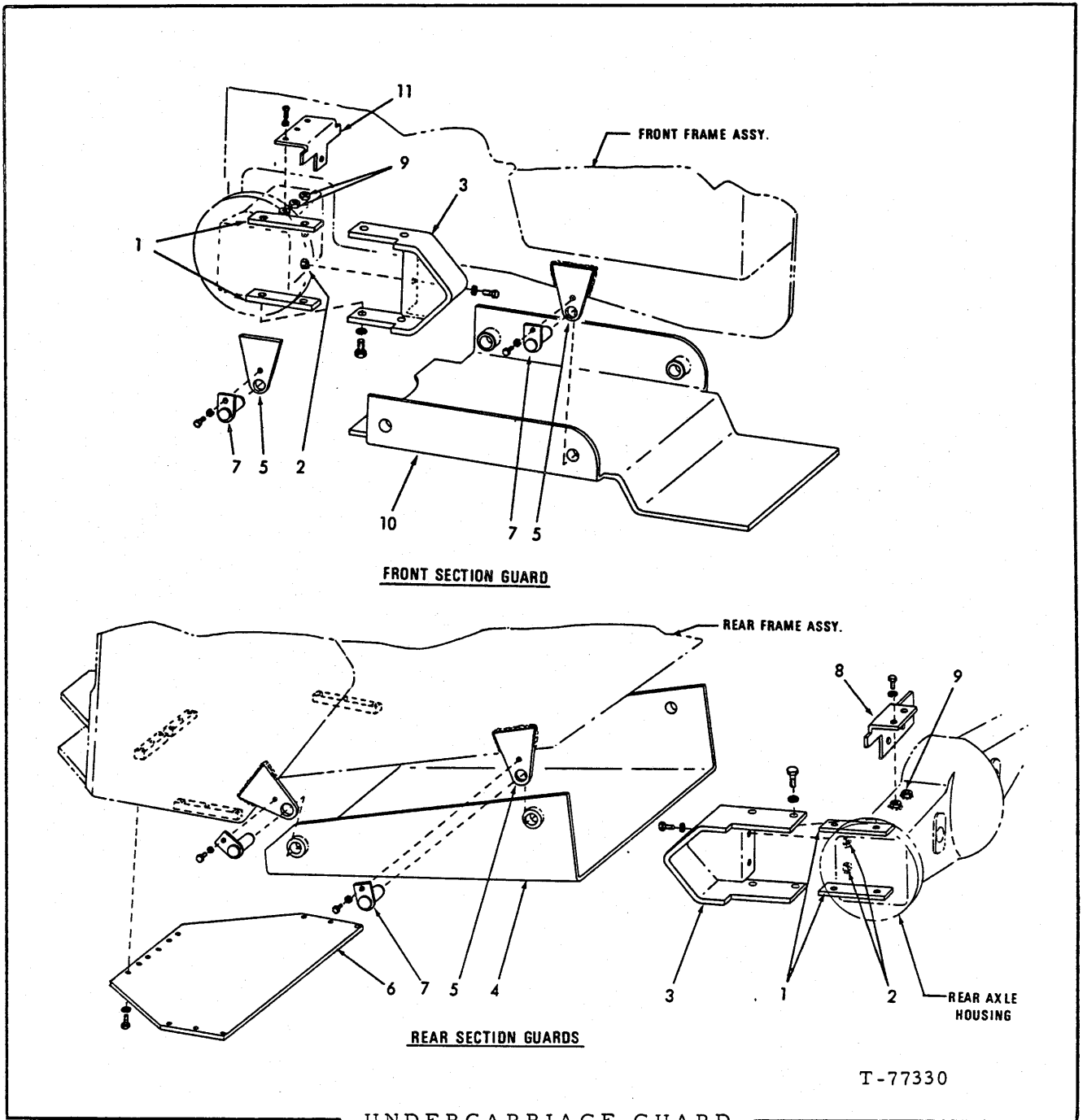
USAGE: Special Equipment. Used with loader s/n 1001 thru 1978 and effective with 96M02050.

ITEM	PART NO.	QTY.	DESCRIPTION
1	73059281	2	GUARD
	70916301	12	CAPSCREW, 1/2" NC x 1"
	70904208	12	LOCKWASHER, 1/2"
2	70648180	16	NUT, 1/2" NC x 3/4" (Requires welding to install)
3	73059350	1	GUARD, rear

(Continued)

UNDERCARRIAGE GUARD (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
4	73059352	1	PLATE
	70916271	12	CAPSCREW, 3/8" NC x 1"
	70904206	12	LOCKWASHER, 3/8"
5	73058809	8	LUG (Requires welding to install)
	70916271	4	CAPSCREW, 3/8" NC x 1" (Used in rear installation)
	70915408	4	CAPSCREW, 3/8" NC x 3/4" (Used in front installation)
	70904206	8	LOCKWASHER, 3/8"
6	73058807	8	PIN
7	73059278	2	PLATE
	70915408	10	CAPSCREW, 3/8" NC x 3/4"
	70904206	10	LOCKWASHER, 3/8"
8	70646631	10	NUT, 3/8" NC x 3/4" (Requires welding to install)
9	73059153	1	GUARD, front
10	73059255	1	GUARD, left
	73059256	1	GUARD, right
	70916310	12	CAPSCREW, 1/2" NC x 1"
	70904208	12	LOCKWASHER, 1/2"
11	73059252	4	BAR
12	73059260	2	PLATE
	70915408	8	CAPSCREW, 3/8" NC x 3/4"
	70904206	8	LOCKWASHER, 3/8"
13	70647418	8	NUT (Requires welding to install)



T-77330

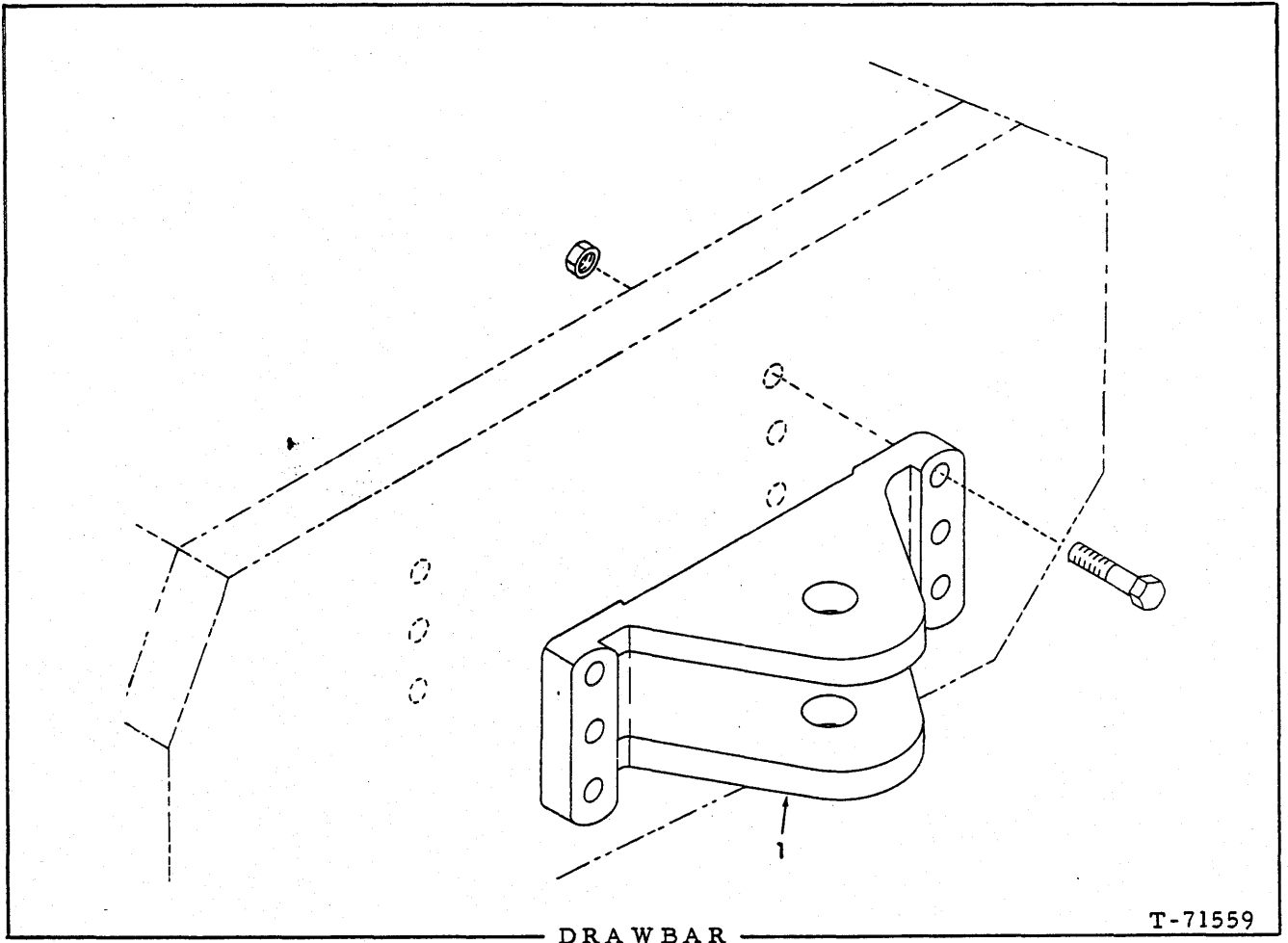
USAGE: Special Equipment. Effective with loader serial number 23C02248

ITEM	PART NO.	QTY.	DESCRIPTION
1	73059252	8	BAR
2	70648180	8	NUT, 1/2" NC x 3/4" (Requires welding to install)
3	73059255	2	GUARD, left
	73059256	2	GUARD, right
	70916301	24	CAPSCREW, 1/2" NC x 1"
	70904208	24	LOCKWASHER, 1/2"

(Continued)

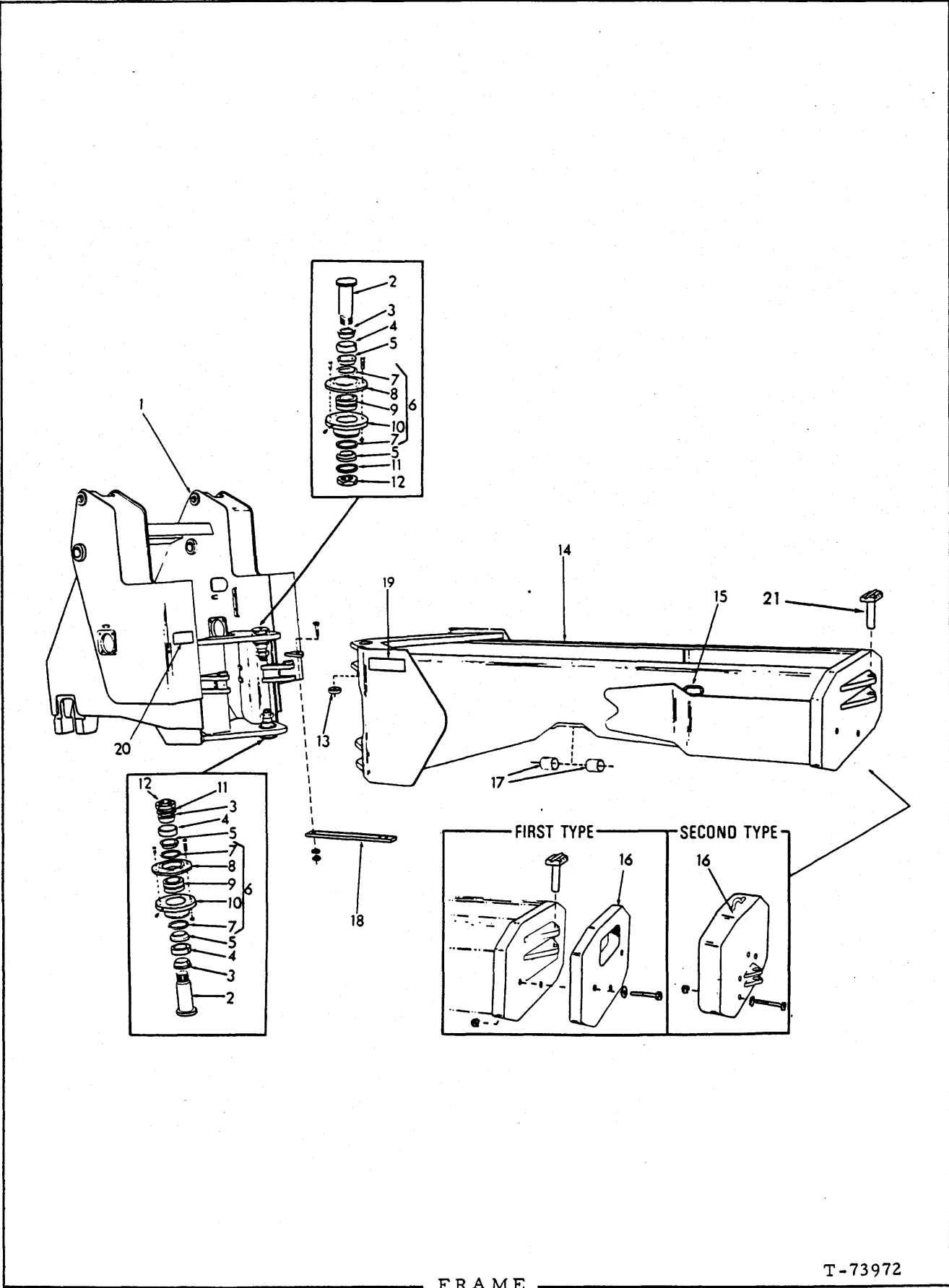
UNDERCARRIAGE GUARD (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
4	73059350	1	GUARD, rear
5	73058809	8	LUGS, (Require welding to install)
	70916271	4	CAPSCREW, 3/8" NC x 1" (Used in rear installation)
	70915408	4	CAPSCREW, 3/8" NC x 3/4" (Used in front installation)
	70910287	8	LOCKWASHER, 3/8"
6	73059352	1	PLATE
	70916271	12	CAPSCREW, 3/8" NC x 1"
	70910287	12	LOCKWASHER, 3/8"
7	73058807	8	PIN
8	73059381	1	PLATE, left
	73059382	1	PLATE, right
	70915408	8	CAPSCREW, 3/8" NC x 3/4"
	70910287	8	LOCKWASHER, 3/8"
9	70647418	16	NUT, 3/8" NC x 1/2" (Requires welding to install)
10	73059153	1	GUARD, front
11	73059260	2	PLATE
	70915408	8	CAPSCREW, 3/8" NC x 3/4"
	70904206	8	LOCKWASHER, 3/8"



USAGE: Special equipment prior to loader serial no. 1717

ITEM	PART NO.	QTY.	DESCRIPTION
1	73044717	1	DRAWBAR
	70916358	6	CAPSCREW, 7/8" NF x 4-1/2"
	70914488	6	NUT, safety, 7/8" NF

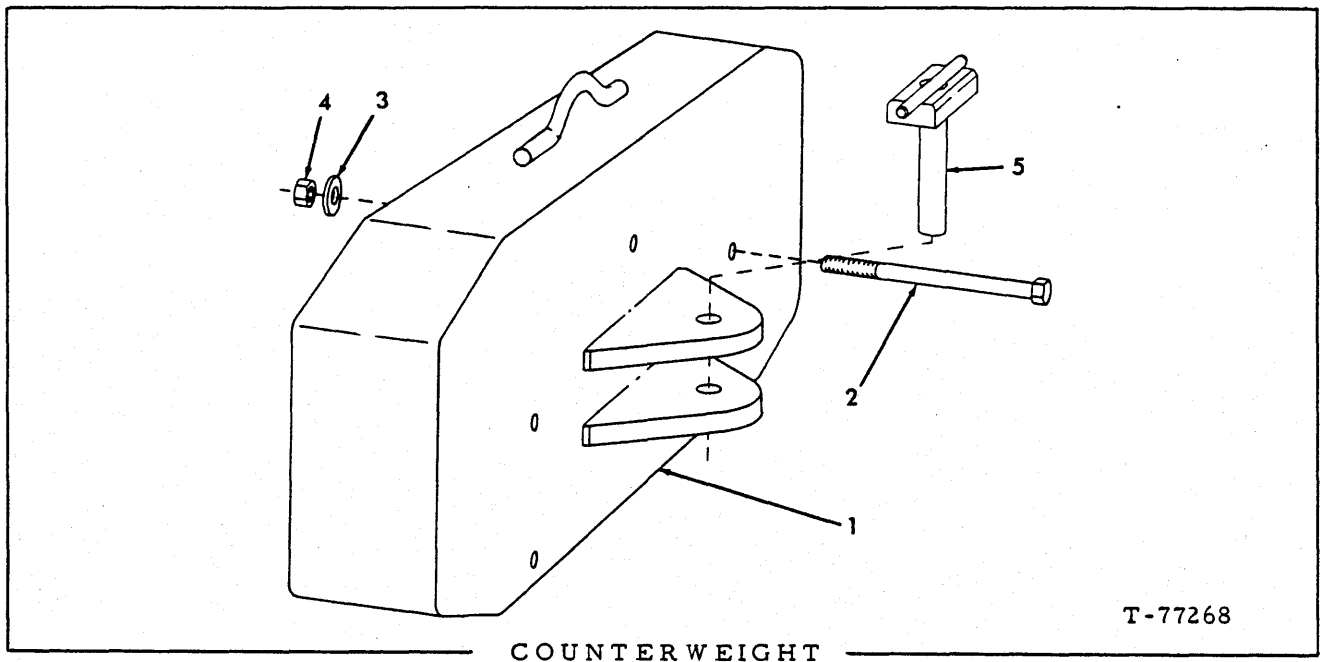


FRAME

ITEM	PART NO.	QTY.	DESCRIPTION
1	73056880	1	FRAME, front section (Prior to loader serial no. 02452 order 4 CAGE ASSY. 73056870, 1 TUBE 73056873, 1 TUBE 73056874 and move front frame locking bar lug to align with rear lug)
2	73046149	2	PIN
3	73045039	3	COLLAR, inner
4	73045038	3	COLLAR, outer
5	73045041	4	BOSS
6	73045111	2	RETAINER ASSY., self-aligning bushing (Each includes 1/2 Qty. items 7 thru 10)
	70915985	12	CAPSCREW, 5/8" NF x 3-1/2"
	70921342	12	NUT, safety, 5/8"
	70915274	1	FITTING, lubrication, 45°, 1/8" NPT
7	73045043	4	SEAL
8	73045045	2	RETAINER
	70922211	4	CAPSCREW, 3/8" NC x 1-1/4", nylok
9	73045054	2	BUSHING
10	73045085	2	RETAINER
11	73045027	2	SPACER
12	70925751	2	NUT, 2-1/4" NC
13	73045033	1	BUSHING
14	73046710	1	FRAME ASSY., rear (Includes items 13 and 17)
15	-----	2	STRIP, rubber (Order 8" of part no. 73061332)(See NOTE)
16	73050662	1	COUNTERWEIGHT (Used prior to loader serial no. 1717)
	70916360	3	CAPSCREW, 7/8" NF x 6"
	70914488	3	NUT, 7/8" NF
	73062378	1	COUNTERWEIGHT (Effective with loader serial no. 1717)
	70916363	5	CAPSCREW, 7/8" NF x 7-3/4"
	73044048	5	WASHER, 7/8"
	70914488	5	NUT, 7/8" NF
17	73046252	4	BUSHING
18	73047284	1	BAR, safety (First Type)
	73056896	1	BAR, (Second Type - straight bar)
	70916375	2	CAPSCREW, 1" NF x 3-1/4"
	70910916	2	LOCKWASHER, 1"
	70911047	2	NUT, 1" NF
19	-----	1	DECAL, serial (See PAINTING AND MARKING)
20	-----	2	DECAL, warning (See PAINTING AND MARKING)
21	70633730	1	PIN

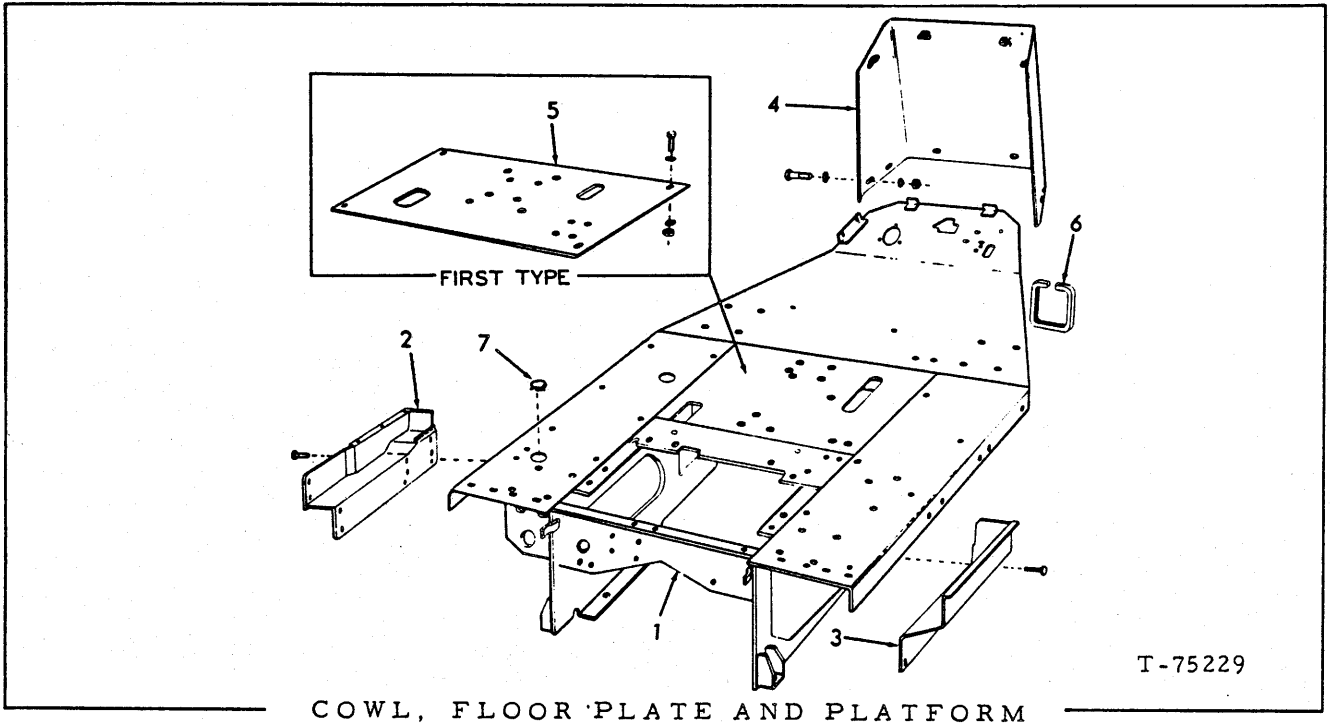
Special Equipment -

NOTE: The factory will supply 25 foot rolls only.
Dealer will furnish cut length or 25 foot rolls.



USAGE: Special Equipment - Used for logging applications only.

ITEM	PART NO.	QTY.	DESCRIPTION
1	73058598	1	COUNTERWEIGHT
2	70928802	5	CAPSCREW, 7/8" NF x 13"
3	73044048	5	WASHER
4	70914488	5	NUT, 7/8" NF
5	70633730	1	PIN



T-75229

USAGE: *Model 745
 **Model 745-H

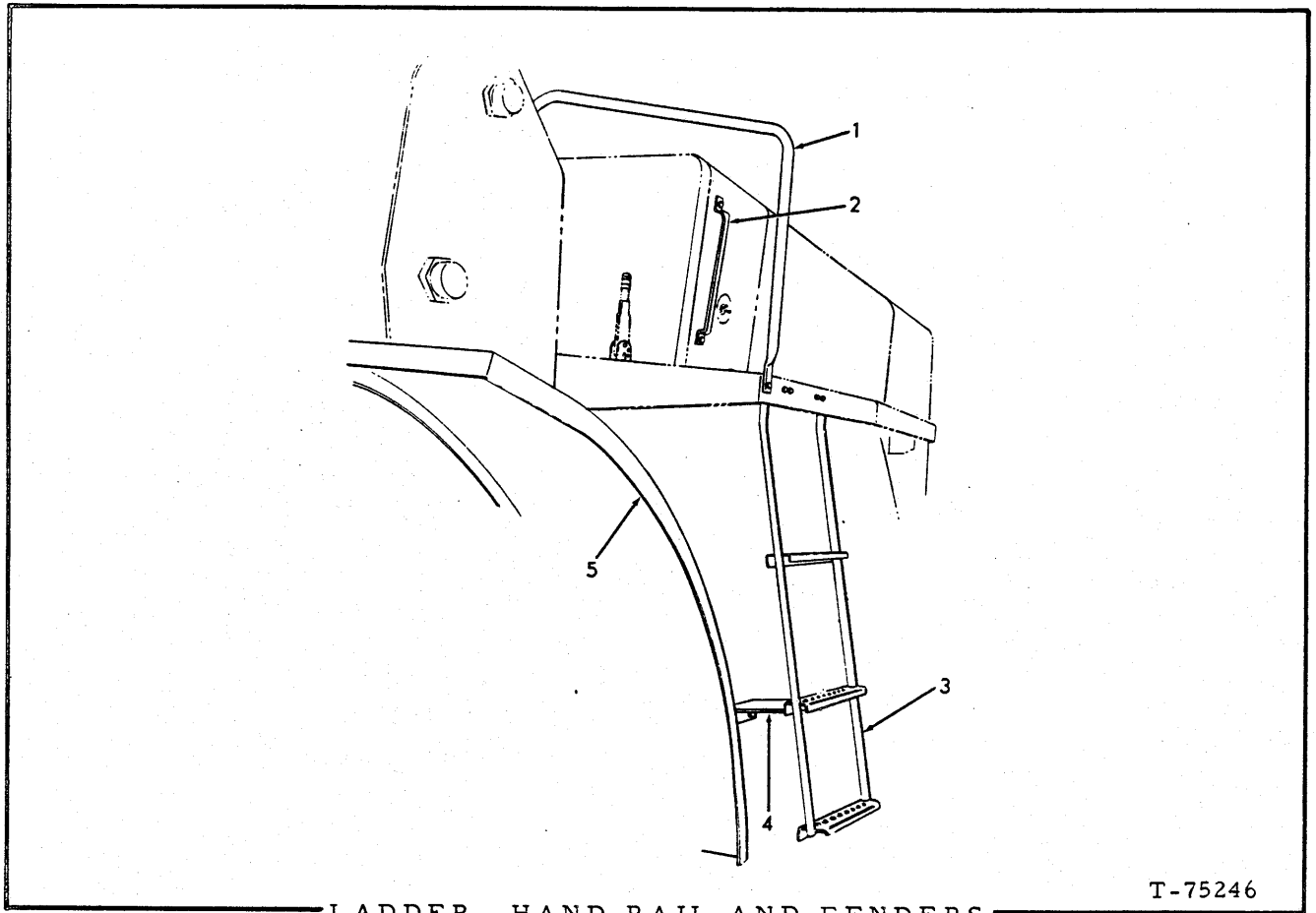
ITEM	PART NO.	QTY.		DESCRIPTION
		*	**	
1	73050026	1	-	PLATFORM (Used prior to loader serial No. 1717)
	73104305	1	1	PLATFORM (Used with loader serial No. 1717 thru 96M02451 and prior to 23C02452)
	73056143	1	1	PLATFORM (Used with loader serial No. 2452 thru 2700)
	73059461	1	1	PLATFORM (Effective with loader serial No. 2701)
	70921178	4	4	CAPSCREW, 5/8"NF x 2-3/4"
	70927532	8	8	CAPSCREW, 5/8"NF x 3-1/2"
	70927328	12	12	WASHER, SAE, std., 5/8"
	70926712	12	12	NUT, 5/8"NF
2	73047304	1	-	COVER (Used prior to loader serial No. 1717)
	73104249	1	-	COVER (Used with loader serial No. 1717 thru 2451)
	73054585	-	1	COVER (Used prior to loader serial No. 2452)
	73056962	1	1	COVER (Used with loader serial No. 2452 thru 2700)
	73059481	1	1	COVER (Effective with loader serial No. 2701)
	70923683	7	7	CAPSCREW, self-tapping, 3/8"NC x 3/4"
3	73047362	1	-	COVER (Used prior to loader serial No. 1717)
	73105017	1	1	COVER (Used with loader serial No. 1717 thru 96M02451 and prior to 23C02452)
	73056958	1	1	COVER (Used with loader serial No. 2452 thru 2700)
	73059492	1	1	COVER (Effective with loader serial No. 2701)
	70923683	5	5	CAPSCREW, self-tapping, 3/8"NC x 3/4"

(Continued)

COWL, FLOOR PLATE AND PLATFORM (Continued)

ITEM	PART NO.	QTY. * **	DESCRIPTION
4	73058162	1 1	COWL
	70923683	6 6	CAPSCREW, self-tapping, 3/8"NC x 3/4"
	70911115	6 6	WASHER, SAE std., 3/8"
5	73050189	1 1	PLATE
	70915228	4 4	CAPSCREW, 3/8"NF x 1-1/4"
	70900817	4 4	WASHER, SAE std., 3/8"
	70904206	4 4	LOCKWASHER, 3/8"
	70911041	4 4	NUT, 3/8"NF
6	-----	1 1	CHANNEL (Order 33" length of 73047354)(See NOTE)
7	73024079	2 -	BUTTON
	70921446	- 3	PLUG

NOTE: Factory supplies 25' rolls.
 Dealer will supply cut length or full roll.



LADDER, HAND RAIL AND FENDERS

T-75246

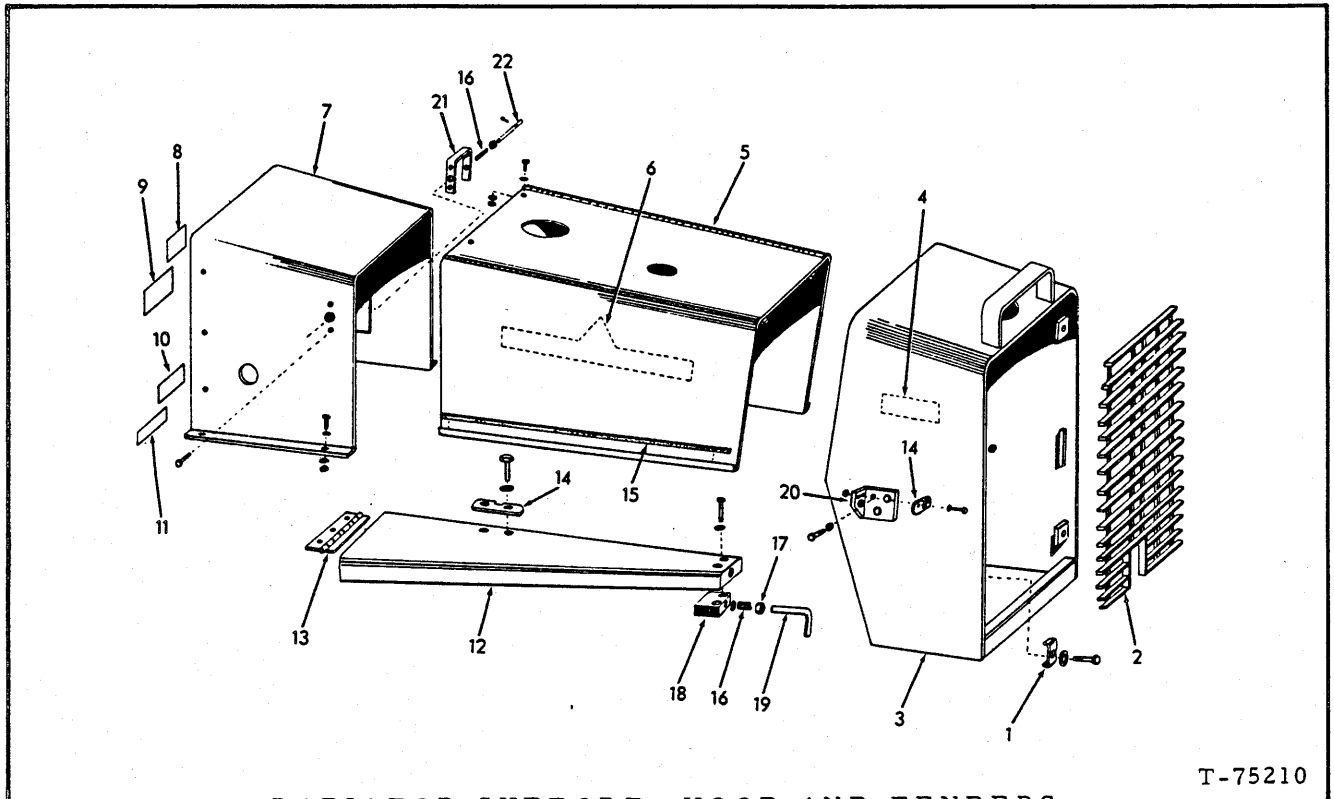
ITEM	PART NO.	QTY.	DESCRIPTION		
1	73051703	1	RAIL		
	70916271	3	CAPSCREW, 3/8" NC x 1"		
	70904206	3	LOCKWASHER, 3/8"		
	70910324	3	NUT, 3/8" NC		
2	70234594	2	HANDLE (not as illustrated)	} Used prior to Loader serial no. 1717	
	70920622	3	CAPSCREW, 5/16" NF x 1"		
	70904205	3	LOCKWASHER, 5/16"		
	73035467	1	WASHER, plain		
	70913636	3	NUT, 5/16" NF		
	2	73052024	1	HANDLE (as illustrated)	} Effective Loader serial no. 1717 and up
		70921210	2	CAPSCREW, 3/8" NC x 1"	
		70904206	2	LOCKWASHER, 3/8"	
		70910324	2	NUT, 3/8" NC	
	3	73050240	1	LADDER	
70915480		4	CAPSCREW, 3/8" NF x 1-3/4"		
70904206		4	LOCKWASHER, 3/8"		
70911041		4	NUT, 3/8" NF		

(Continued)

LADDER, HAND RAIL AND FENDERS (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
4	73045234	1	BRACKET
	70921965	2	CAPSCREW, cd. pltd., 3/8" NC x 3/4"
	70916225	2	CAPSCREW, 3/8" NF x 1"
	70900817	2	WASHER, plain, U.S. std. 3/8"
	70904206	4	LOCKWASHER, 3/8"
	70911041	2	NUT, 3/8" NF
5	{ 73050232	1	FENDER, front, left
	{ 73050233	1	FENDER, front, right
	70913105	10	CAPSCREW, 1/2" NF x 1-1/2"
	70904208	10	LOCKWASHER, 1/2"
	70910195	10	NUT, 1/2" NF

ALWAYS GIVE MODEL AND SERIAL NUMBER WHEN ORDERING PARTS



T-75210

RADIATOR SUPPORT, HOOD AND FENDERS

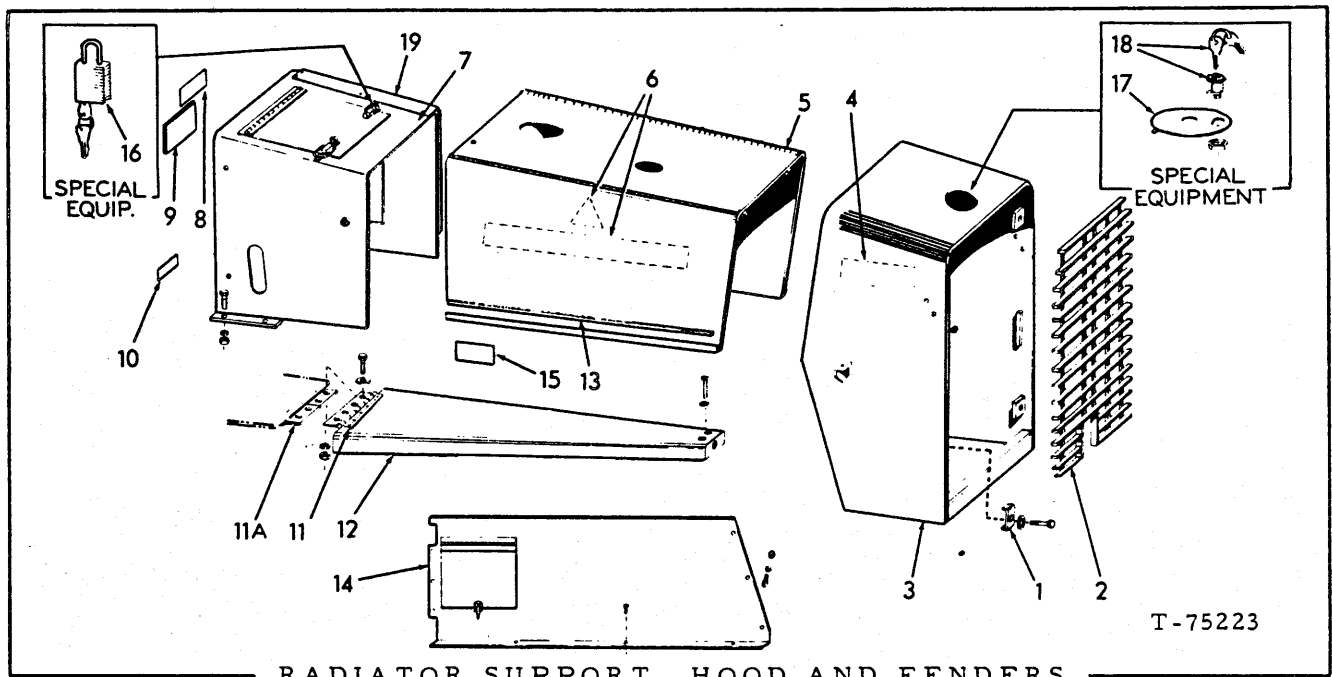
USAGE: Prior to Loader serial no. 1717

ITEM	PART NO.	QTY.	DESCRIPTION
1	73042646	4	CLIP
	70915480	4	CAPSCREW, 3/8" NF x 1-3/4"
	70904206	4	LOCKWASHER, 3/8"
2	73048917	1	GRILL
3	73048908	1	SUPPORT
4	-----	2	EMBLEM, "745" (See PAINTING AND MARKING)
5	73055148	1	HOOD, engine (Includes instruction sheet)
	70921210	2	CAPSCREW, 3/8" NC x 1"
	70911993	2	WASHER, plain, 7/16" I.D., 1" O.D.
	70916965	2	LOCKWASHER, pltd., 3/8"
	70910324	2	NUT, 3/8" NC
6	-----	2	DECAL, "ALLIS CHALMERS" (See PAINTING AND MARKING)
7	73048925	1	BONNET
	70916225	4	CAPSCREW, 3/8" NF x 1"
	70904206	4	LOCKWASHER, 3/8"
	70911041	4	NUT, 3/8" NF
8	-----	1	DECAL, clutch release (See PAINTING AND MARKING)

(Continued)

RADIATOR SUPPORT, HOOD AND FENDERS (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION	
9	-----	1	DECAL, restrictor indicator (See PAINTING AND MARKING)	
11	-----	1	PLATE, patent (Not Serviced)	
12	{ 73056965	1	FENDER, left rear } Order 1 Fender 73056965 , 1 Fender 73056966, 4 Bar 73056967 and 1 Hood 73055148	
		1		FENDER, right rear
		70916271	8	CAPSCREW, 3/8" NC x 1" (Used with loader serial no. 96M02452 thru 96M02699 for ROPS field installation only)
		70916228	8	CAPSCREW, 3/8" NF x 1"
		70911115	8	WASHER, plain, SAE std., 3/8"
		70904206	8	LOCKWASHER, 3/8"
		70911041	8	NUT, 3/8" NF
		70915987	2	CAPSCREW, 1/2" NC x 1-1/2"
		70926192	2	WASHER, plain, cd. pltd., 9/16" I. D., 1-1/4" O. D.
	13	-----	2	HINGE, fender (Welded to fender, not serviced separately) BAR, hinge support (Not illustrated)
73044879		2		
14	73048951	8	PLATE	
	70915228	8	CAPSCREW, 3/8" NF x 1"	
	70916383	8	CAPSCREW, 3/8" NF x 1-1/2"	
	70911115	16	WASHER, plain, 13/32" I. D., 13/16" O. D.	
	70904206	16	LOCKWASHER, 3/8"	
	70911041	16	NUT, 3/8" NF	
15	-----	2	STRIP, rubber (48-1/2" long) (Order item 23)	
16	73023848	4	SPRING	
17	73048953	2	SPACER, 1/2" thick	
18	73048948	2	BLOCK, retaining, spring	
	70916388	4	CAPSCREW, 3/8" NF x 1-1/2"	
	70911115	4	WASHER, plain, SAE std., 3/8"	
	70904206	4	LOCKWASHER, 3/8"	
	70911041	4	NUT, 3/8" NF	
19	73048952	2	ROD	
	70916001	2	PIN, roll, 3/16" x 1"	
	70913540	2	WASHER, plain, 21/32" I. D.	
20	{ 73048949	1	BRACKET, left	
		1		BRACKET, right
		70916381	4	CAPSCREW, 3/8" NF x 3/4"
		70911115	4	WASHER, plain, SAE std., 3/8"
		70904206	4	LOCKWASHER, 3/8"
	70911041	4	NUT, 3/8" NF	
21	73047581	2	BRACKET	
	70916225	2	CAPSCREW, 3/8" NF x 1"	
	70904206	2	LOCKWASHER, 3/8"	
	70911041	2	NUT, 3/8" NF	
22	73047565	2	ROD	
	70916001	2	PIN, roll, 3/16" x 1"	
	70911100	2	WASHER, plain, SAE std., 5/8"	
23	73050298	-	STRIP, rubber (25 ft. length - use as req'd)	



RADIATOR SUPPORT, HOOD AND FENDERS

USAGE: Effective with loader serial no. 1717, 96M02050, 23C02248.

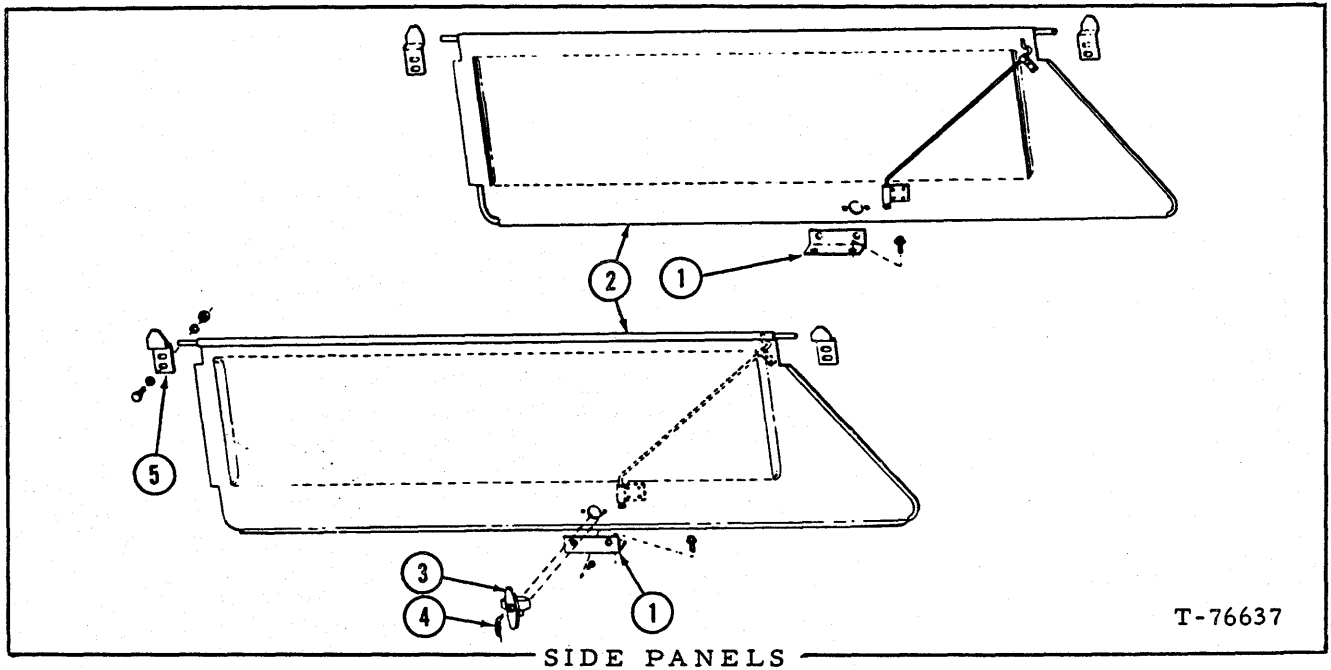
ITEM	PART NO.	QTY.	DESCRIPTION
1	73042646	4	CLIP
	70916273	4	CAPSCREW, 3/8" NC x 1-3/4"
	70910287	4	LOCKWASHER, 3/8"
2	73048917	1	GRILLE
3	73057184	1	SUPPORT (Used with loader serial no. 1717 thru unit no. 02638)
	73057671	1	SUPPORT (Effective with unit no. 02639)
	70925809	2	CAPSCREW, 1" NF x 2-3/4"
	70927601	2	WASHER
	70922421	2	NUT, 1" NF
4	-----	2	EMBLEM (See page 447)
5	73048918	1	HOOD (used prior to unit no. 02290)
	73055148	1	HOOD (Includes instruction sheet) (Effective with unit no. 02290)
	73056654	1	HOOD (Special equipment. Used with Side Panel) (Effective with unit no. 02290)
	70921210	2	CAPSCREW, 3/8" NC x 1"
	70911993	2	WASHER, plain, 7/16"
	70916965	2	LOCKWASHER 3/8"
	70910324	2	NUT, 3/8" NC
6	-----	2	DECAL, "A-C" } See page 447
	-----	2	DECAL, "Allis-Chalmers" }
7	73056963	1	BONNET (Includes instruction sheet) (Used prior to loader serial no. 96M02675 except 96M02672, 23C02682 except 23C02677)
	73059113	1	BONNET (Effective with loader serial no. 96M02675 including 96M02672, 23C02682 including 23C02677) (includes item 19)
	70916225	4	CAPSCREW, 3/8" NF x 1"
	70910287	4	LOCKWASHER, 3/8"
	70911041	4	NUT, 3/8" NF

(Continued)

RADIATOR SUPPORT, HOOD AND FENDERS (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
8	.....	1	DECAL, clutch release (See page 447)
9	.....	1	DECAL, restrictor indicator (See page 447)
10	{ 73028826	1	PLATE (Used prior to loader serial no. 96M02675 except 96M02672, 23C02682 except 23C02677)
	{ 73058946	1	
11	.....	2	HINGE, fender (welded to fender - not serviced separately)
11A	{ 73044879	2	BAR, hinge support (Used prior to unit no. 02452)
	{ 73056967	4	
12	{ 73056965	1	FENDER, left rear } Prior to unit no. 02452 order 1 Fender FENDER, right rear } 73056965, 1 Fender 73056966, 4 Bar 73056967, 1 Hood 73055148 (Includes instruction sheet)
	{ 73056966	1	
	70916271	8	CAPSCREW, 3/8" NC x 1" (Used with loader serial no. 96M02452 thru 96M02699, for ROPS installation only)
	70915228	8	CAPSCREW, 3/8" NF x 1-1/4"
	70911115	8	WASHER, plain, 3/8"
	70910287	8	LOCKWASHER, 3/8"
	70910123	8	NUT, 3/8" NF
	70915987	2	CAPSCREW, 1/2" NC x 1-1/2"
	70926192	2	WASHER, plain, 9/16"
13	.....	2	STRIP, rubber, 48-1/2" (refer to item 20)
14	{ 73104815	1	PANEL, left } Used prior to loader PANEL, right } serial no. 96M02669
	{ 73104816	1	
	70920415	12	CAPSCREW, cd.pltd., 3/8" NC x 1-1/4"
	70926190	12	WASHER, plain, 15/32"
	70919439	12	NUT, stop, elastic, 3/8" NC
	70921965	6	CAPSCREW, cd. pltd., 3/8" NC x 3/4"
	70916965	6	LOCKWASHER, 3/8"
			Special Equipment
15	.....	1	DECAL, battery instruction (See page 447)
16	70930998	1	PADLOCK (Special Equipment)(Includes 2 KEY indented below)
	70931742	2	KEY
17	73057513	1	COVER ASSY. (Special Equipment)
18	73058015	1	LOCK ASSY. (Special Equipment)
19	73061888	1	COVER (Also included with item 7)(Effective with loader serial no. 96M02675 including 96M02672, 23C02682 including 23C02677)
	70926339	9	CAPSCREW, NO. 10 NC x 5/16" (Includes lockwasher)
20	73050298	-	STRIP (25 ft. length - use as required)

"ALWAYS GIVE MODEL AND SERIAL NUMBER WHEN ORDERING PARTS"

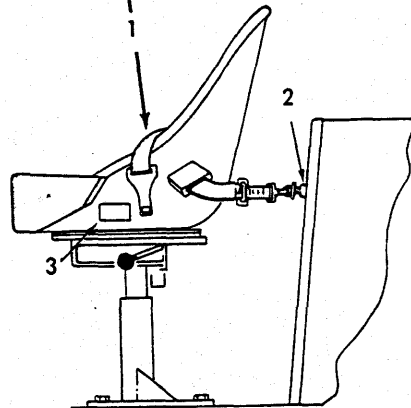
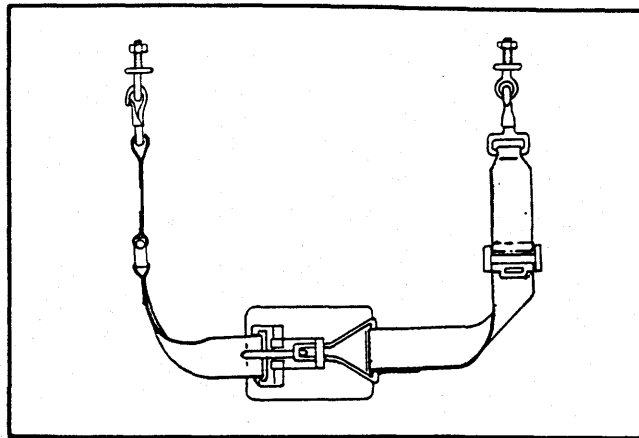


T-76637

SIDE PANELS

USAGE: Special Equipment - Effective with loader serial no. 96M02669, 23C02662 except 23C02664.

ITEM	PART NO.	QTY.	DESCRIPTION
1	73057640	2	BRACKET
	70923683	4	CAPSCREW, self-tapping 3/8" x 3/4"
2	73057638	1	PANEL, side (left)
	73057639	1	PANEL, side (right)
3	73058383	2	HANDLE, with key (Includes item 4)
4	73058910	-	KEY
5	73057635	4	CLIP
	70916285	8	CAPSCREW, 1/4" NC x 1"
	70911114	8	WASHER, plain, 1/4"
	70904204	8	LOCKWASHER, 1/4"
	70916622	8	NUT, 1/4" NC



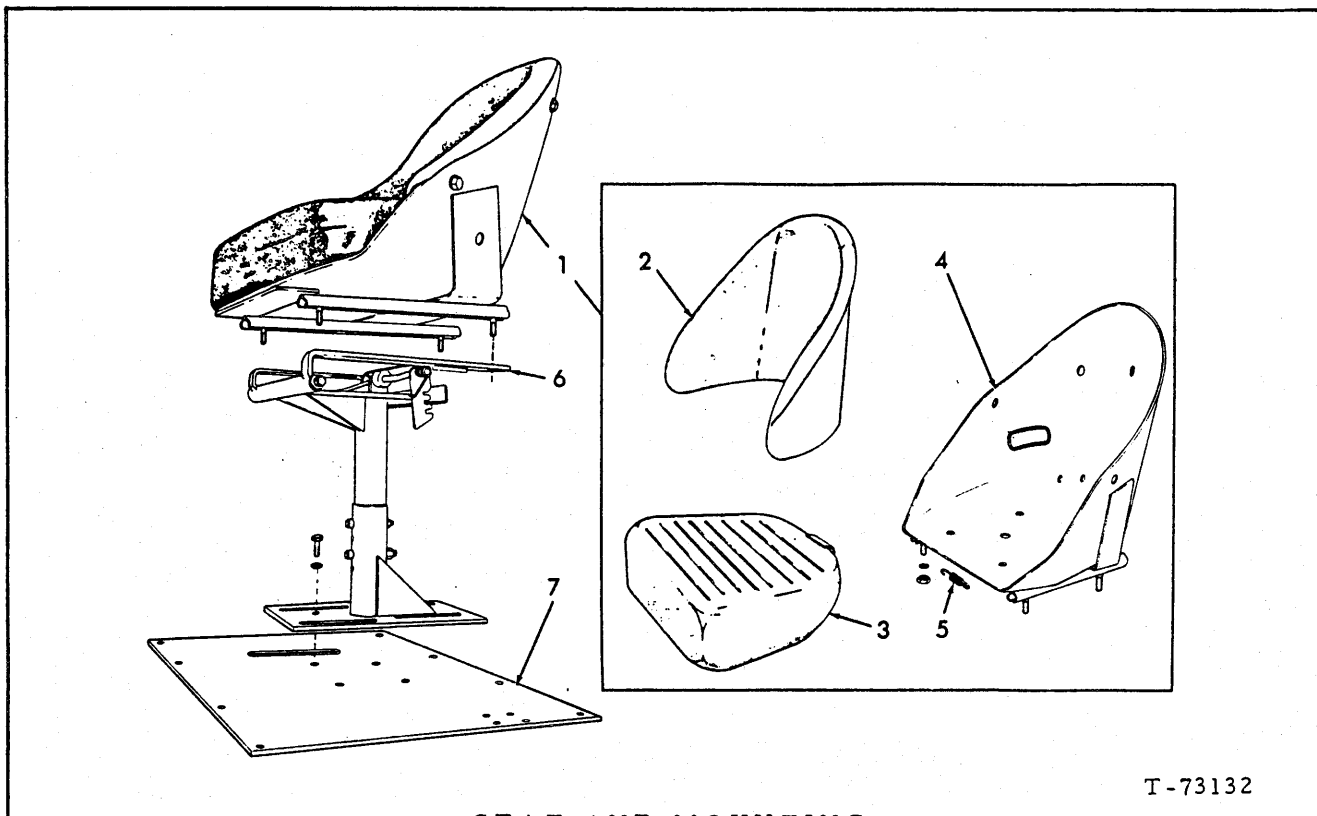
SEAT BELT

T-76626

USAGE: Special equipment

ITEM	PART NO.	QTY.	DESCRIPTION
1	70680080	1	BELT ASSY., seat (Includes 2 eyebolts, 2 nuts and 2 lockwashers)
2	73057770	2	SPACERS
3	70682968	1	DECAL, seat belt

NOTE: Use of Seat Belts, on roll over protection structure (ROPS) equipped vehicles, is recommended.
FASTEN SEAT BELTS SECURELY.

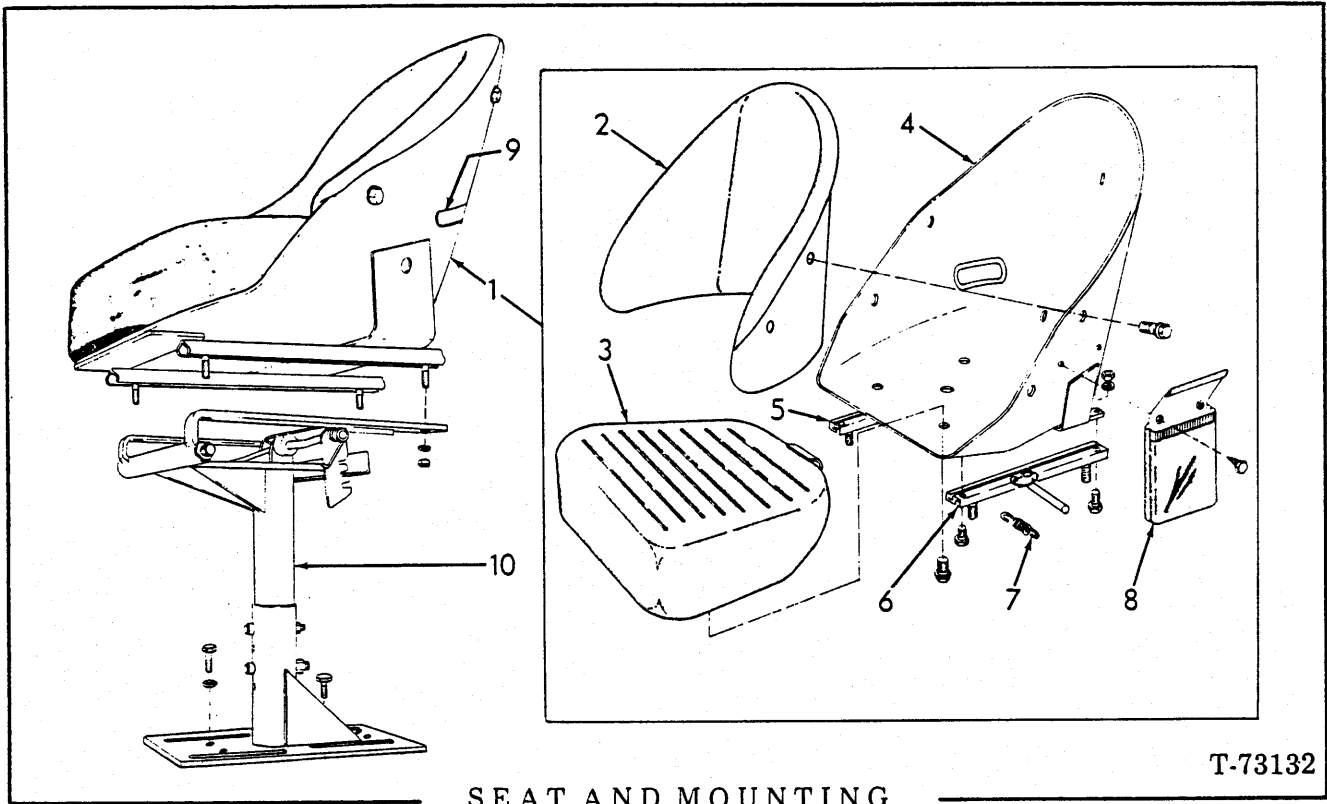


SEAT AND MOUNTING

T-73132

USAGE: *Standard Equipment (Seat width 21") } Used prior to loader s/n 96M02669.
 **Special Equipment (Seat width 25-1/2") } 23C02669

ITEM	PART NO.	QTY.	DESCRIPTION
		* **	
1	73048866	1 -	SEAT ASSY. (21" width) (Includes items 2 thru 5)
	73100881	- 1	SEAT ASSY. (25-1/2" width) (Includes items 2 thru 5)
2	73048869	1 -	BRACKREST
	73100879	- 1	CUSHION ASSY.
	70922586	5 5	CAPSCREW, cd. pltd. 3/8" NC x 5/8"
	70916956	5 5	WASHER, pltd. 13/32"
3	73048868	1 -	CUSHION
	73100880	- 1	CUSHION ASSY.
	70922586	2 2	CAPSCREW, cd. pltd. 3/8" NC x 5/8"
	70916956	2 2	WASHER, pltd., 13/32"
4	73048867	1 -	SHELL ASSY. (Includes item 5)
	-----	- 1	SHELL ASSY. (Not serviced separately, order item 1)
	70920622	4 -	CAPSCREW, 5/16" NF x 1"
	70917356	4 4	LOCKWASHER, pltd. 5/16"
	70910233	4 4	NUT, 5/16" NF
5	73038196	1 -	SPRING
	-----	- 1	SPRING (Not serviced separately, order item 1)
6	73048695	1 1	PEDESTAL ASSY. (Serviced only as a unit)
	70916313	4 4	CAPSCREW, 3/8" NF x 1-1/2"
	70904208	4 4	LOCKWASHER, 1/2"
7	-----	1 1	PLATE (See COWL, FLOOR PLATE and PLATFORM)



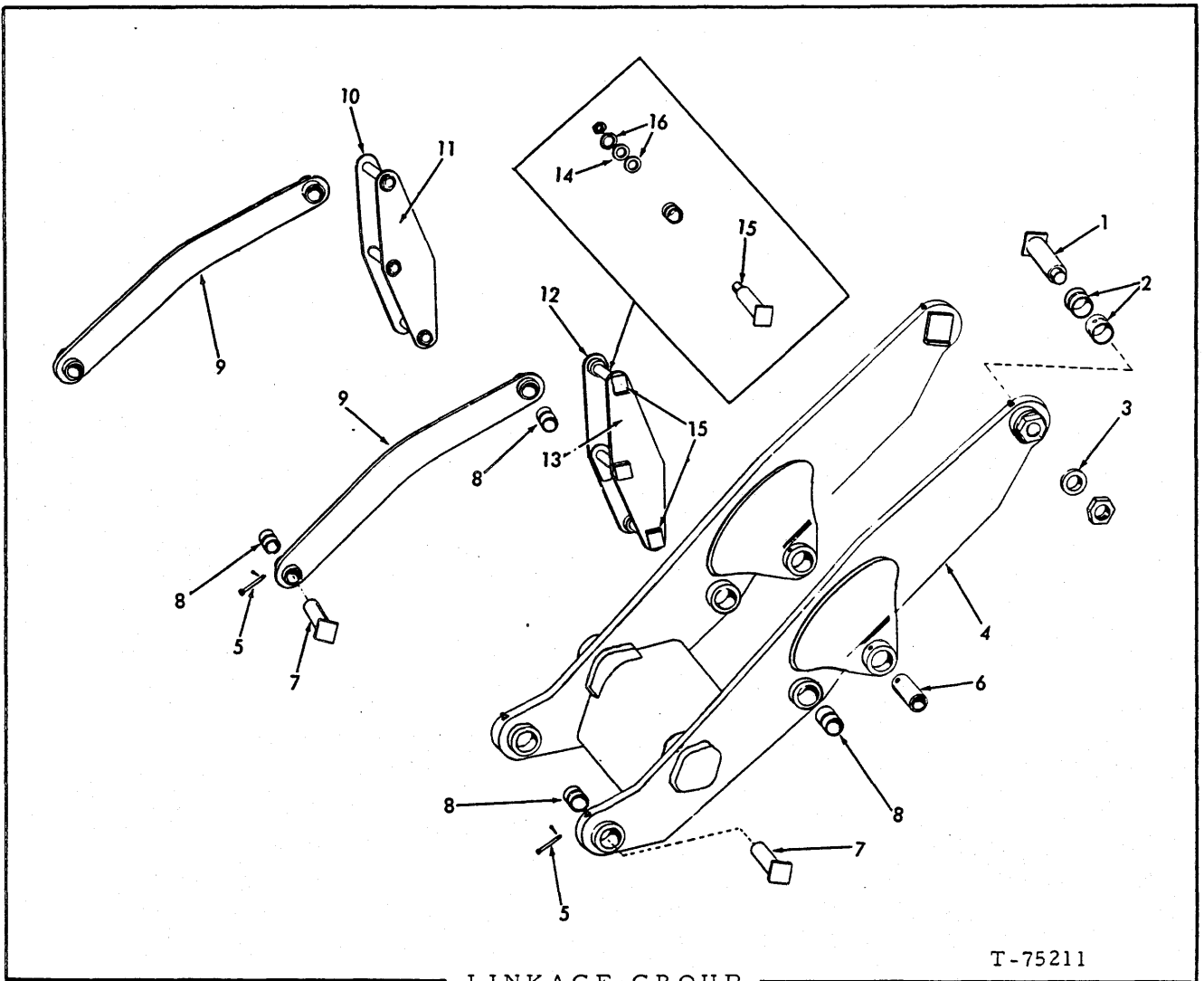
USAGE: Effective with loader s/n 96M02669 and 23C02669.
 * First type - original equipment
 ** Second type - service replacement

ITEM	PART NO.	QTY.		DESCRIPTION
		*	**	
1	.....	1	-	SEAT ASSY.
	{ 73068244	-	1	SEAT ASSY. (includes items 2 thru 8)
2	73100879	1	1	BACKREST ASSY.
	70922586	5	-	CAPSCREW, 3/8" NC x 5/8"
	70916956	5	-	WASHER, plain, 13/32"
	70921311	-	5	CAPSCREW, 5/16" NC x 5/8" (includes washer)
3	73100880	1	1	CUSHION
	70922586	2	-	CAPSCREW, 3/8" NC x 5/8"
	70916956	2	-	WASHER, plain, 13/32"
	70921311	-	2	CAPSCREW, 5/16" NC x 5/8" (includes washer)
4	.....	1	1	SHELL ASSY. (order items 1)
	70921332	4	-	CAPSCREW, 5/16" NC x 3/4"
	70904205	6	-	LOCKWASHER, 5/16"
	70910323	4	-	NUT, 5/16" NC
5	73060174	-	1	ADJUSTER
	70921311	-	2	CAPSCREW, 5/16" NC x 5/8" (includes washer)
	70904205	-	3	LOCKWASHER, 5/16"
	70910323	-	3	NUT, 5/16"
	70921566	-	2	CAPSCREW, 5/16" NC x 1" (use for replacement of stud)

(Continued)

SEAT AND MOUNTING (Continued)

ITEM	PART NO.	QTY.		DESCRIPTION
		*	**	
6	73060175	-	1	ADJUSTER
	70921311	-	2	CAPSCREW, 5/16" NC x 5/8" (includes washer)
	70904205	-	3	LOCKWASHER, 5/16"
	70910323	-	3	NUT, 5/16" NC
	70921566	-	2	CAPSCREW, 5/16" NC x 1" (for replacement of stud)
7	73061060	1	1	SPRING
8	73068320	-	1	POUCH
	70912307	-	2	SCREW, no. 8 x 1/2"
	70923212	-	2	WASHER, no. 10
9	73109131	1	1	DECAL, operators manual
10	73058049	1	1	PEDESTAL ASSY.
	70916311	3	3	CAPSCREW, 1/2" NC x 1-1/4"
	70915987	1	1	CAPSCREW, 1/2" NC x 1-1/2"
	70912441	4	4	LOCKWASHER, 1/2"
	70910325	1	1	NUT, 1/2" NC



LINKAGE GROUP

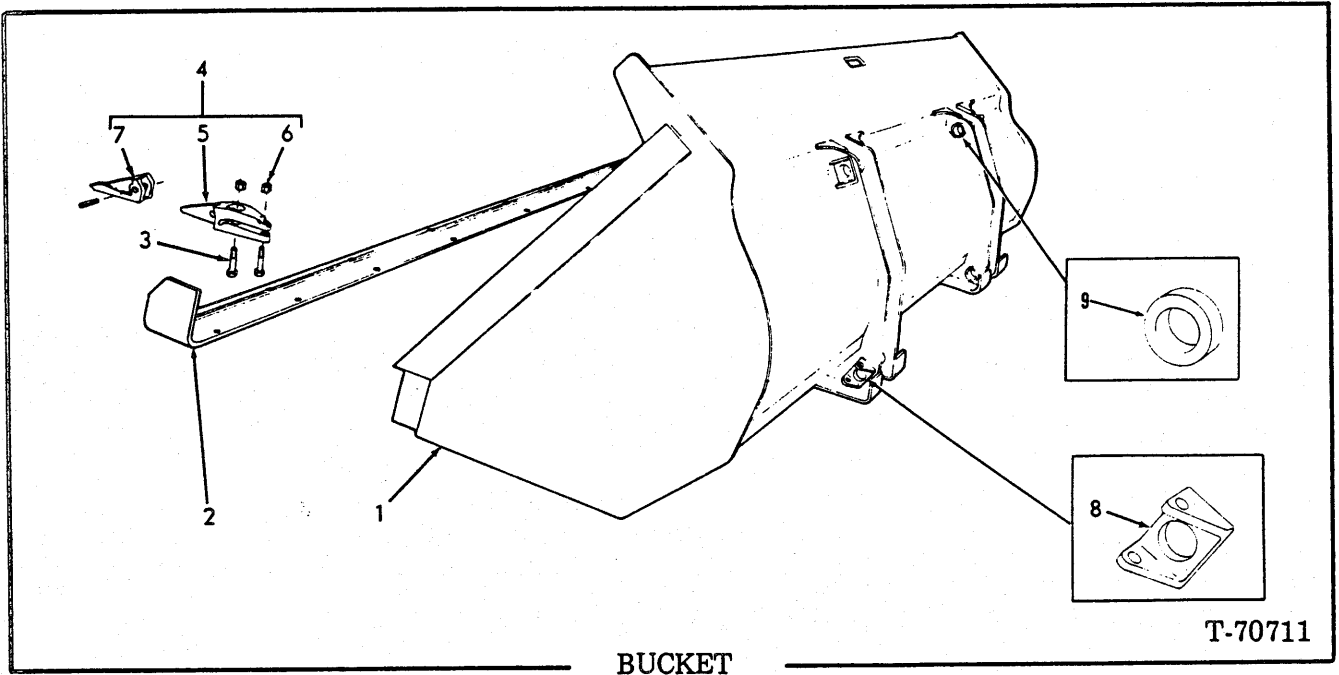
T-75211

ITEM	PART NO.	QTY.	DESCRIPTION
1	73046271	2	PIN
	70925751	2	NUT , 2-1/4" NC
2	73031012	4	BUSHING
3	73045027	2	SPACER
4	{ 73055173	1	BOOM ASSY. (Includes items 2 and 8)
	{ 73057790	1	BOOM ASSY. long (Includes items 2 and 8) (Special Equipment)
	70915274	2	FITTING, lubricating, 45°, 1/8" NPT
	70914465	4	FITTING, lubricating, straight, 1/8" NPT
5	73013568	4	PIN
	70900811	4	PIN, cotter. 3.16" x 1-1/2"
6	-----	2	PIN (See LIFT CYLINDER)
7	73046273	4	PIN
8	73046249	8	BUSHING

(Continued)

LINKAGE GROUP (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
9	73047646	2	LINK ASSY. (Includes item 8)
	73057784	2	LINK ASSY. , long boom (Includes item 8) (Special Equipment)
	70914465	4	FITTING, lubricating, straight, 1/8" NPT
10	73047640	1	LINK
11	73047638	1	LINK
12	73047637	1	LINK
13	73047639	1	LINK
14	73046315	-	WASHER (.0359" thick. Use as req'd)
	73046317	-	WASHER (.059" thick. Use as req'd)
15	73046260	4	PIN
16	73044963	4	WASHER
	70924130	4	NUT, safety, 1-3/4" NC
17	73012494	4	WASHER (Used at dump cylinder rod head only)



BUCKET

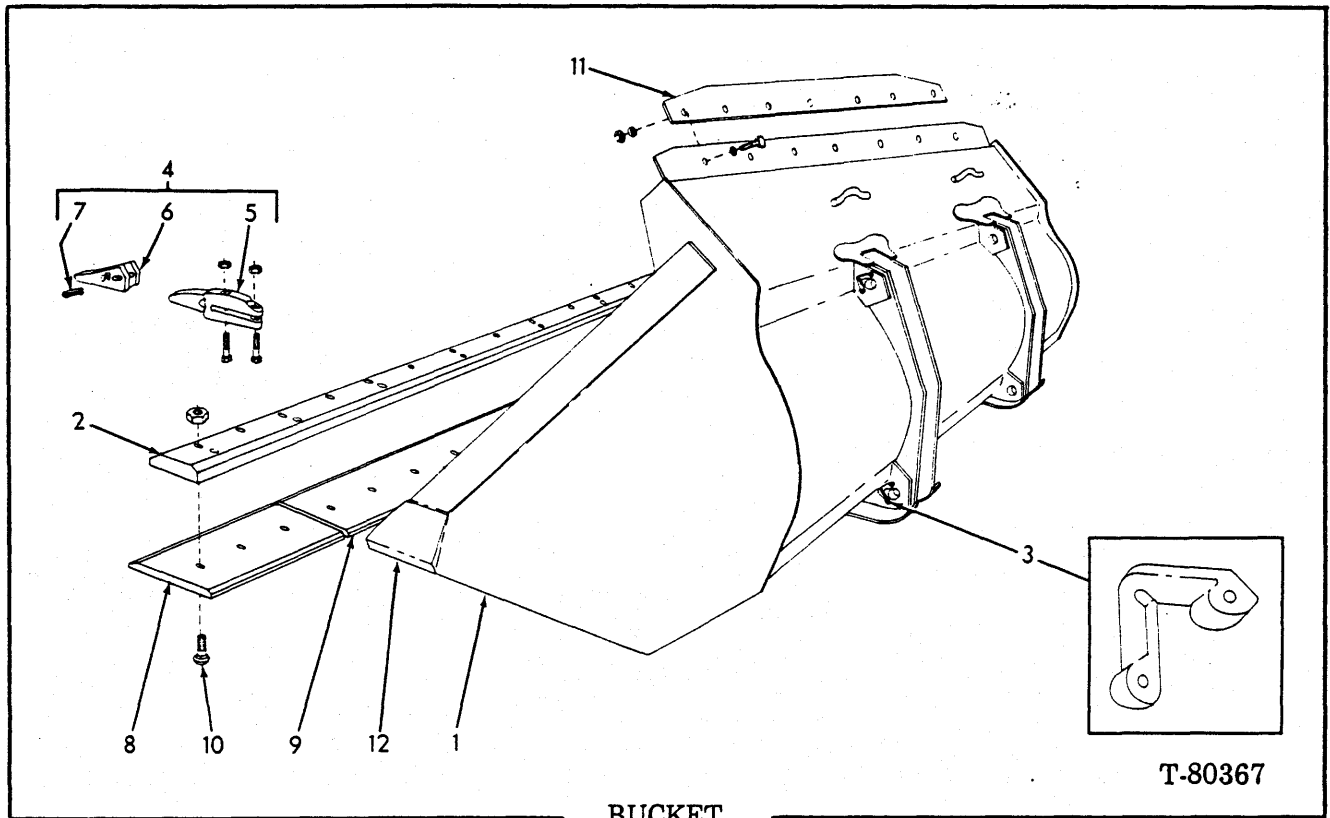
T-70711

USAGE: First type - also see page 378a

ITEM	PART NO.	QTY.	DESCRIPTION
1	.....	1	BUCKET ASSY. (3-1/2 cy. yd.)
	.....	1	BUCKET ASSY. (4 cu. yd.)
	.....	1	BUCKET ASSY. (4-1/2 cu. yd.)
	.....	1	BUCKET ASSY. (5 cu. yd.)
2	73054657	1	EDGE, heat treated, 3/4" thick x 115" (10 holes drilled for bucket teeth - requires welding to install)
3	73033513	20	CAPSCREW
4	73032628	10	TOOTH ASSY. (Includes items 5 thru 7)
5	73032200	10	SHANK
6	73033441	20	NUT
7	73020853	10	* POINT
	73062624	10	* POINT (Special equipment
8	73062294	4	STOP
9	73062295	4	BOSS

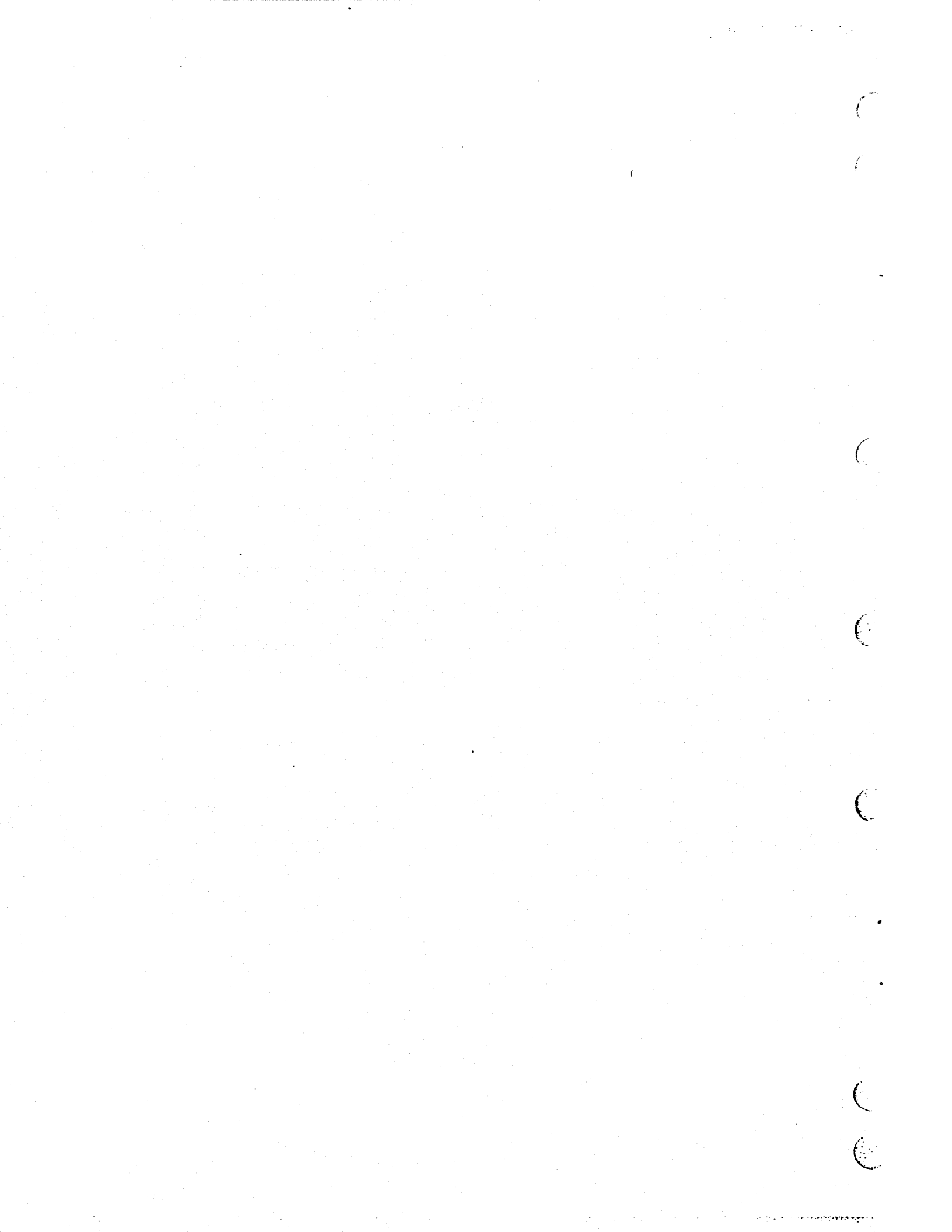
} Require welding to install

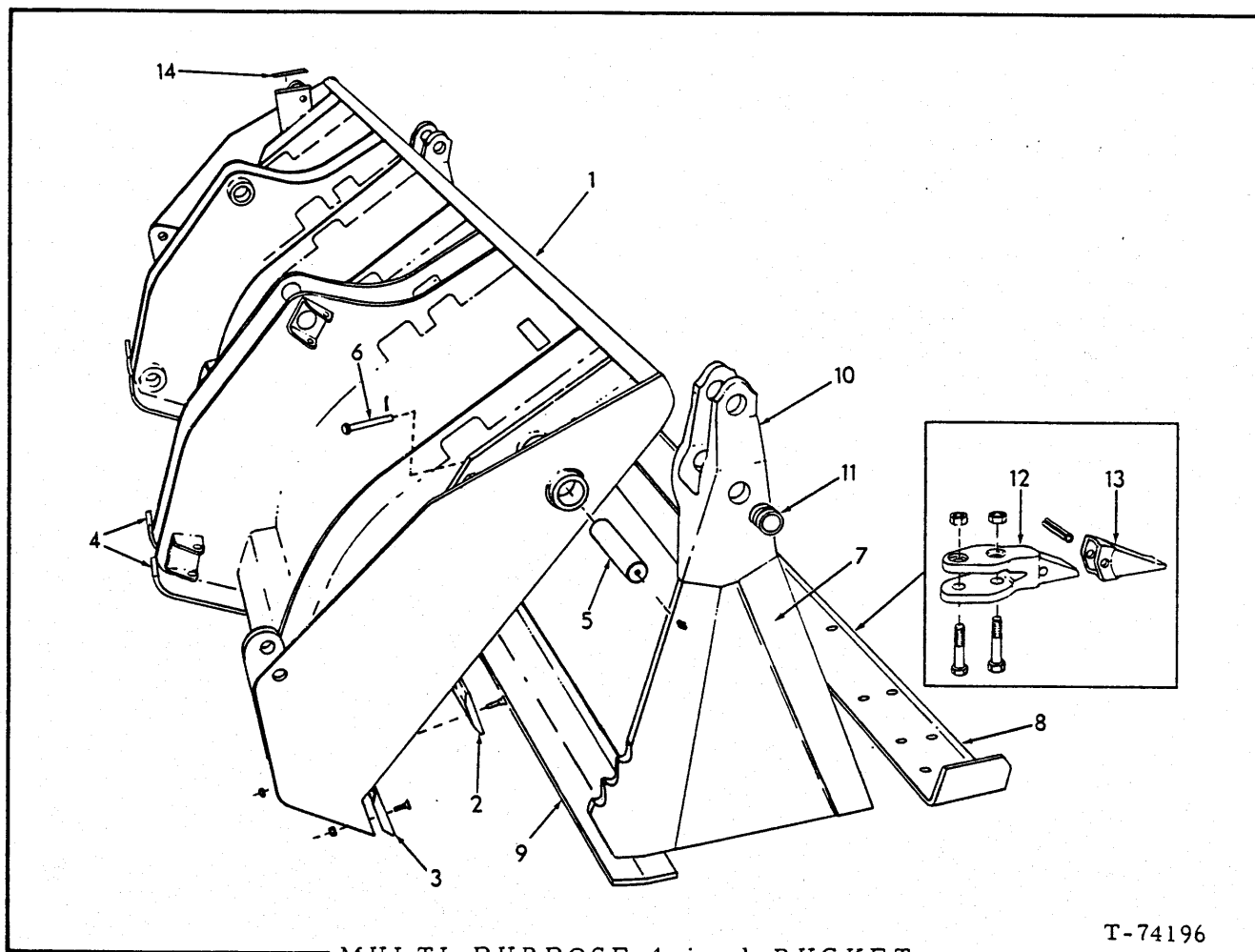
* use as required



USAGE: Second type - complete service replacement BUCKET ASSY. is a Machinery Item. See your Fiat-Allis dealer.

ITEM	PART NO.	QTY.	DESCRIPTION
1	73066540	1	BUCKET ASSY. (3-1/2 cu. yd.) } Includes items 2, 3 BUCKET ASSY. (4 cu. yd.) } and 12 BUCKET ASSY. (4-1/2 cu. yd.) }
	73066520	1	
	73066530	1	
2	73066524	1	EDGE (Heat treated) 1-1/2" thick x 118" (Requires welding to install - 18 holes drilled for bucket teeth)
3	70648977	4	STOP
4	73065078	9	TOOTH ASSY. (Special Equipment - includes items 5 thru 7)
5	73065026	9	SHANK
	70927470	18	
	70932930	18	
	73065066	9	
6	70679206	9	POINT } Optional Equipment POINT, regular } POINT, star }
	73109898	9	
	73066600	9	
7	70666983	9	PIN ASSY. (Serviced only as an assy.) PIN ASSY. (Serviced only as an assy.)(Optional equipment)
	73064504	2	
8	73064504	2	EDGE } heat treated - Special Equipment
9	73068280	1	EDGE }
	70933028	15	BOLT, plow 1" NC x 3-1/2"
10	70929611	15	NUT, 1" NC
	73064553	1	PLATE, spill (Special Equipment)
11	70921174	7	CAPSCREW, 5/8" NC x 2-1/2"
	70677010	14	WASHER
12	70911029	7	NUT, 5/8" NC
	73064471	2	BIT (requires welding)





MULTI-PURPOSE 4-in-1 BUCKET

T-74196

USAGE: Special equipment. Effective w/unit No. 1001 thru 1978, loader S/N 96M02050, 23C02298.

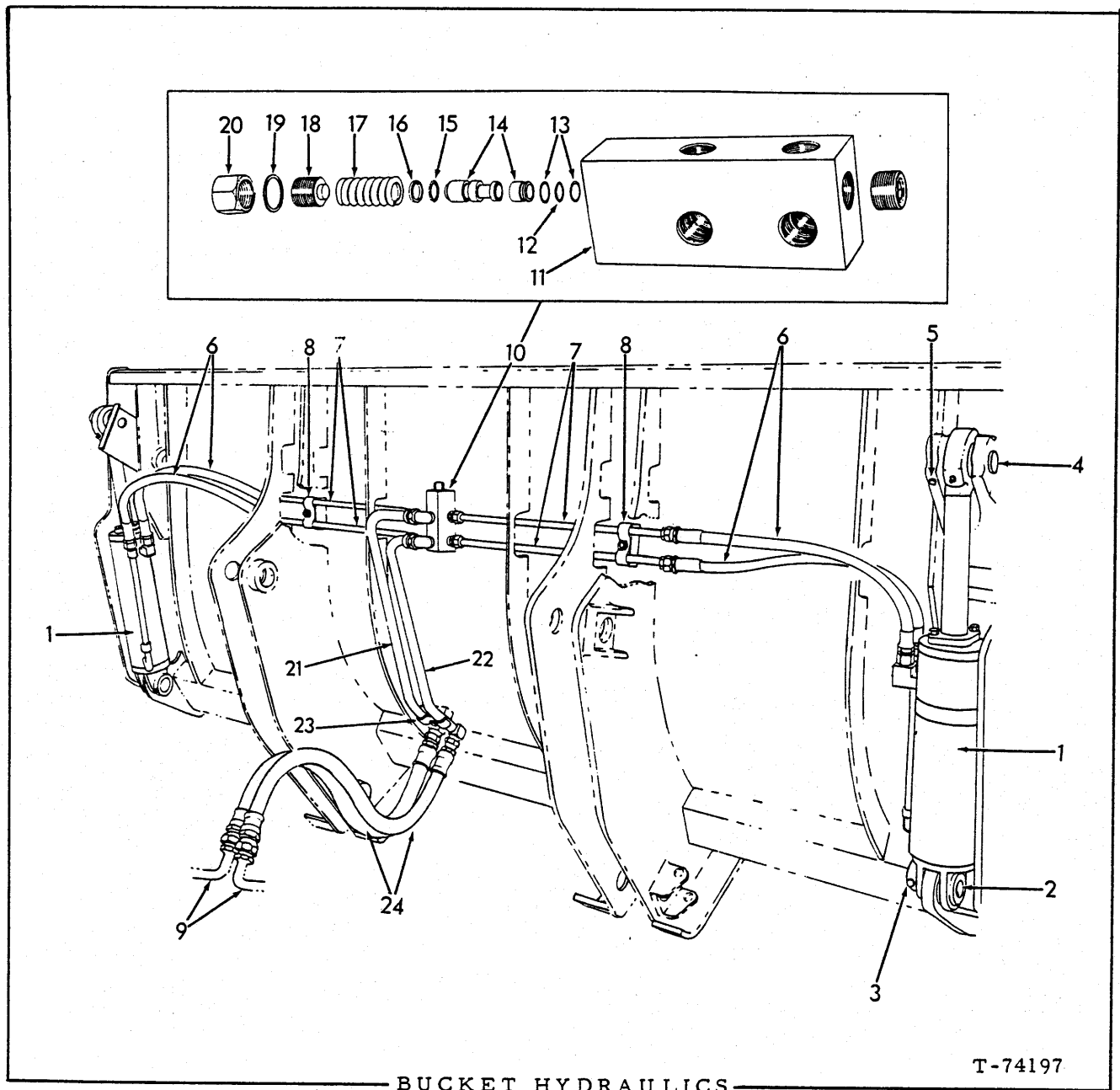
ITEM	PART NO.	QTY.	DESCRIPTION
1	70664536	1	MOLDBOARD ASSY. (welded) (includes items 2 thru 4)
	-----	2	TRANSFER, "clean daily" (Applied to Moldboard) (See PAINTING and MARKING)
2	70664541	1	EDGE
	70924797	15	BOLT, plow, 3/4" NC x 2"
	70910923	15	NUT, 3/4" NC
3	70664540	2	BIT
	70924797	6	BOLT, plow, 3/4" NC x 2"
	70910923	6	NUT, 3/4"
4	70664551	4	SHOE, moldboard skid (welded to Moldboard)
5	70663356	2	PIN ASSY. clam pivot (includes FITTING indented below)
	70914465	2	FITTING, lube, straight, 1/8" NPT
6	70663455	2	PIN
	70900806	2	PIN, cotter, 1/8" x 1"

(Continued)

MULTI-PURPOSE 4-in-1 BUCKET (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION	
7	70664537	1	CLAM ASSY. (welded) (includes items 8 thru 11)	
8	70664538	1	EDGE, bucket cutting	} Welded to Clam Assy.
9	70664539	1	EDGE, clam cutting	
10	70663279	1	HINGE, clam, L. H.	
	70663280	1	HINGE, clam, R. H.	
11	70663278	4	BUSHING, clam hinge	
12	70664549	10	SHANK	
	70925631	10	CAPSCREW, 7/8" NC x 4"	
	70916262	10	CAPSCREW, 7/8" NC x 4-1/4"	
	70911031	20	NUT, 7/8" NC	
13	70664548	10	TIP	
	70920145	10	PIN, spring, 1/2" x 3"	
14	-----	1	TRANSFER, clam opening indication (applied to rear of mold-board) (See PAINTING and MARKING)	

"ALWAYS GIVE MODEL AND SERIAL NUMBER WHEN ORDERING PARTS"



BUCKET HYDRAULICS

T-74197

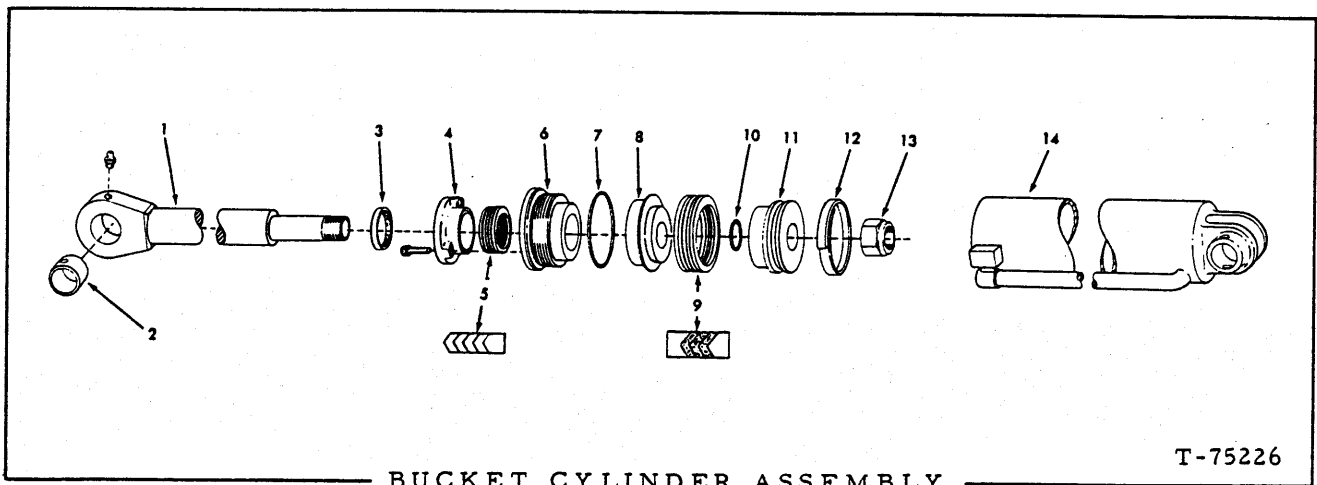
USAGE: Special Equipment - for units with Multi-Purpose Bucket.

ITEM	PART NO.	QTY.	DESCRIPTION
1	-----	2	See BUCKET CYLINDER ASSY.
2	70663354	2	PIN
3	70663455	2	PIN
	70900806	2	PIN, cotter, 1/8" x 1"
4	70663355	2	PIN

(Continued)

BUCKET HYDRAULICS (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
5	70663456	2	PIN,
	70900806	2	PIN, cotter, 1/8" x 1"
6	70663459	4	HOSE
	70919342	4	CONNECTOR, male, flare type, 3/4" tube, 1-1/16" str. thd. (At Cylinder)
7	70664545	4	TUBE
	70919615	4	CONNECTOR, male, flare type, 3/4" tube, 1/2" NPT male (At Valve)
8	70654125	2	CLAMP
	70911026	2	NUT, 3/8" NC
	70904206	2	LOCKWASHER, 3/8"
9	-----	2	TUBE ASSY. (See FRONT PIPING)
10	70654123	1	VALVE ASSY. (Includes items 11 thru 20)
11	-----	1	BODY (Not serviced separately, order item 10)
	70908944	1	PLUG, hex-socket, 1/2" NPT
12	70654133	1	O-RING
13	70654257	2	RING
14	70657204	1	PLUNGER ASSY. (Includes seat)
15	70654033	1	O-RING
16	70656895	1	RING
17	70656896	1	SPRING
18	70656897	1	SCREW
19	70656898	1	GASKET
20	70656899	1	CAP
21	70664543	1	TUBE, vertical, left side
	70920751	1	ELBOW, flare type, 90°, 3/4" tube, 1/2" NPT male (At Valve)
22	70664544	1	TUBE, vertical, right side
	70920751	1	ELBOW, flare type, 90°, 3/4" tube, 1/2" NPT male (At Valve)
23	70654121	1	CLAMP
	70911026	1	NUT, 3/8" NC
	70904206	1	LOCKWASHER, 3/8"
24	70664542	2	HOSE



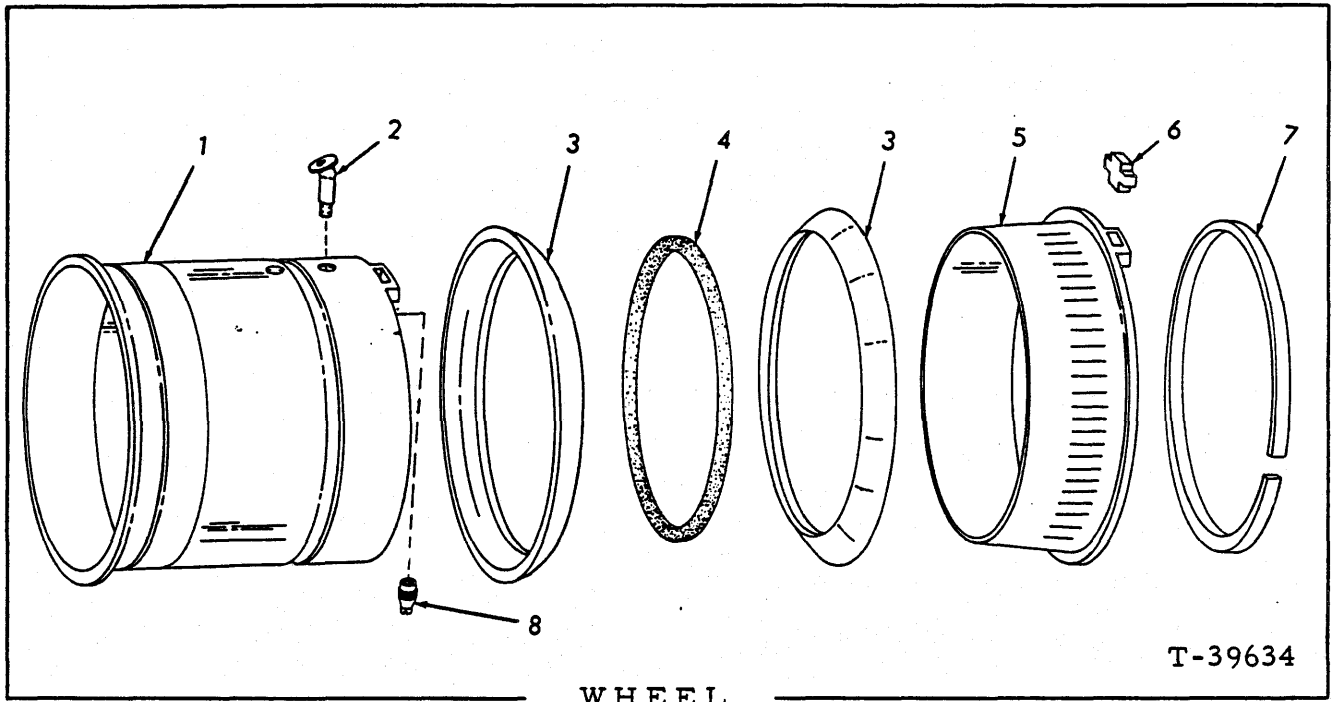
BUCKET CYLINDER ASSEMBLY

T-75226

USAGE: Special Equipment for Multi-Purpose Bucket

NOTE: Quantity is for one CYLINDER ASSY. only.

ITEM	PART NO.	QTY.	DESCRIPTION
-	70663269	1	CYLINDER ASSY. (Includes items 1 thru 14)
1	70663231	1	ROD ASSY.
	70914465	1	FITTING, lube, straight, 1/8" PT
2	70663283	1	BUSHING
3	70652890	1	SEAL
4	70654169	1	FLANGE
	70924796	3	CAPSCREW, hex socket w/nylon plug, 3/8" NF x 1"
5	70654168	1	PACKING SET
6	70663282	1	HEAD
7	70923856	1	O-RING, 5" I. D.
8	70663229	1	PISTON
9	70663228	1	PACKING SET
10	70923664	1	O-RING, 1-1/2" I. D.
11	70663216	1	PISTON
12	70663227	1	RING
13	70917778	1	NUT, elastic stop, 1-1/2" NF
14	70663230	1	TUBE ASSY.



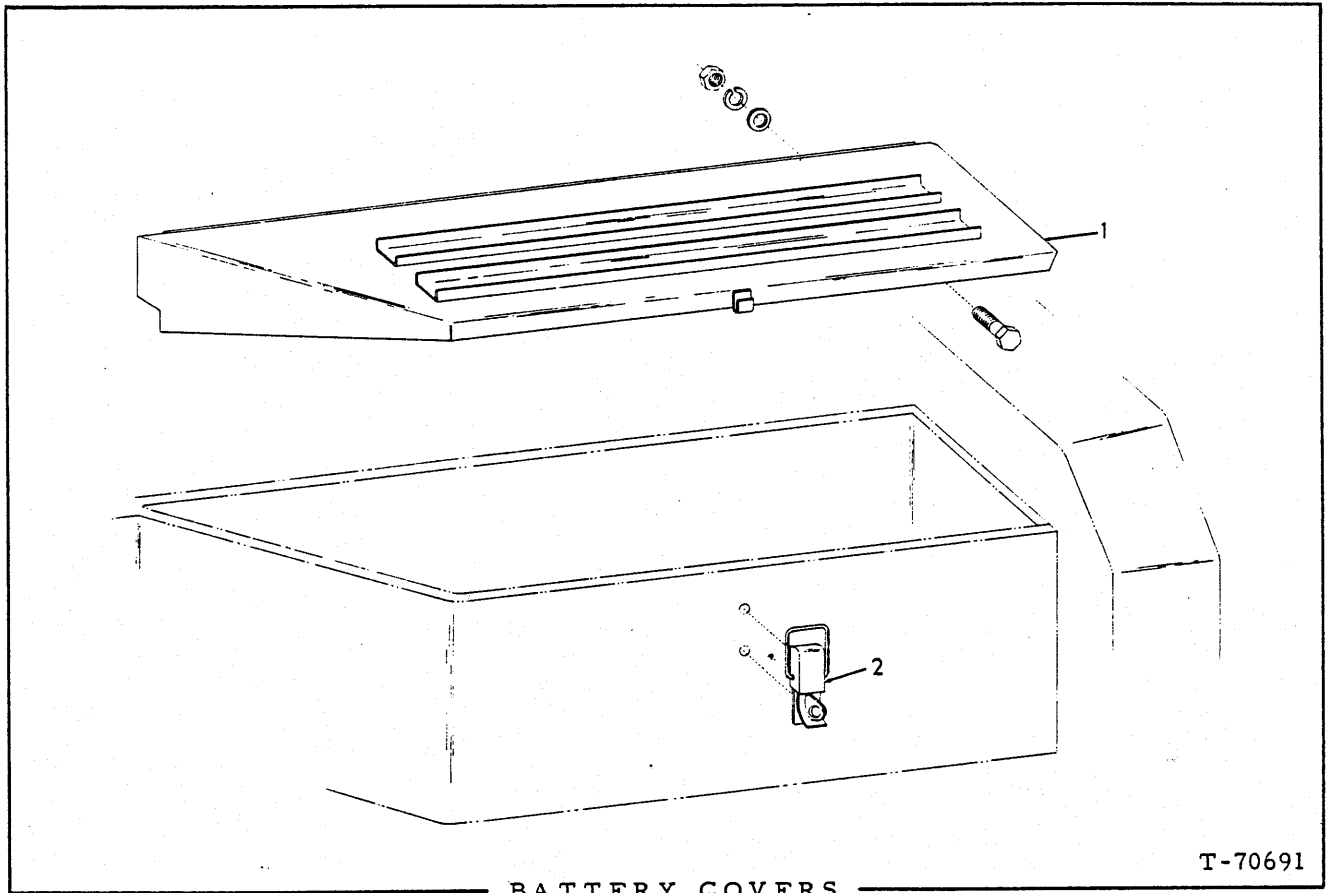
WHEEL

T-39634

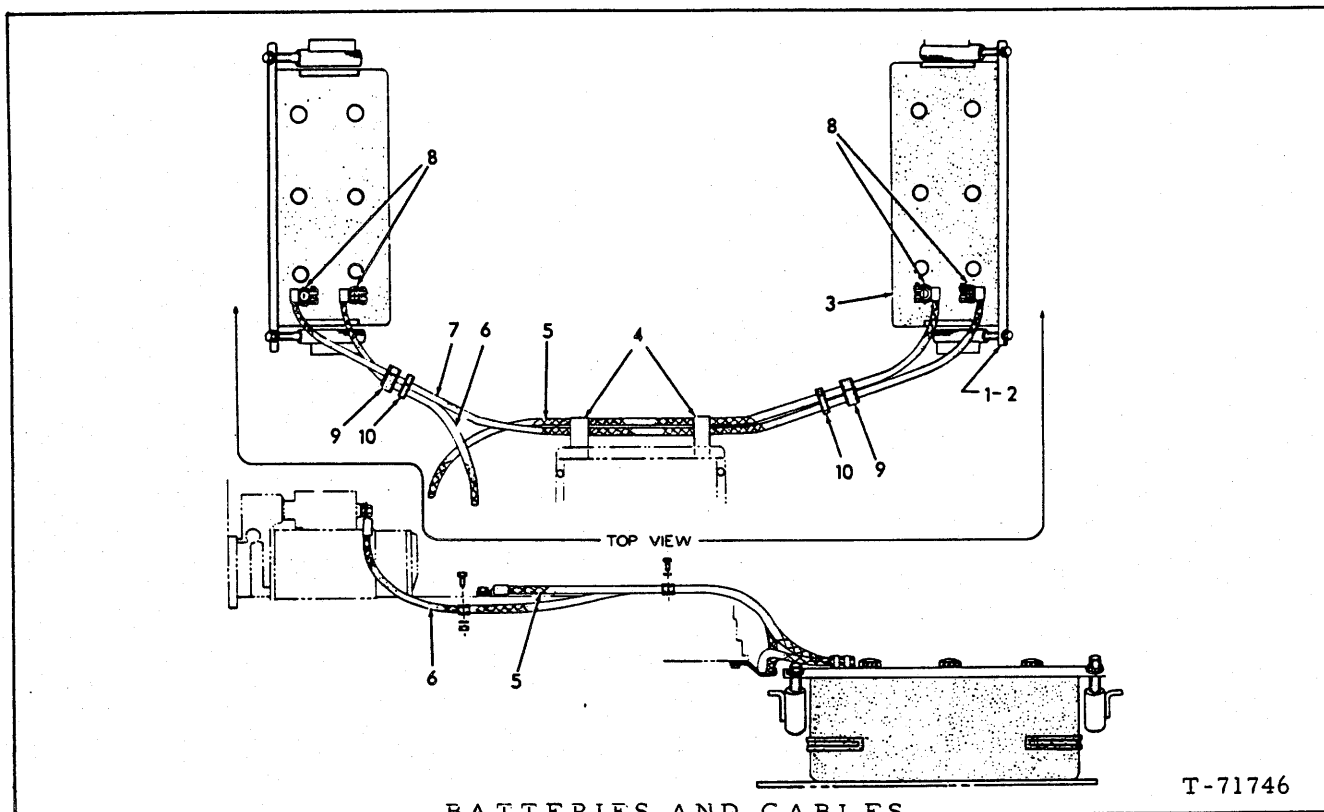
USAGE: * For use with 18 x 25 tires
 ** For use with 23.5 x 25 tires
 *** For use with 20.5 x 25 tires

NOTE: Quantity is for one wheel assy. only.

ITEM	PART NO.	QTY.			DESCRIPTION
		*	**	***	
1	73046881	-	1	-	WHEEL
	73058453	-	1	-	WHEEL (Use with tube type tire)
	73046878	-	-	1	WHEEL
	73105980	1	-	-	WHEEL
2	73052021	1	-	-	VALVE ASSY. (Serviced only as a unit)
2a	73047482	-	1	-	EXTENSION, valve (Not Illustrated)
3	73029971	2	2	-	FLANGE
	73024126	-	-	2	FLANGE
4	73027549	1	1	1	O-RING
5	73041531	1	1	1	BAND
6	70183297	1	1	1	DRIVER
7	73034382	1	1	1	RING
8	73069471	1	-	-	CAP, valve
9	73047477	-	1	-	FLAP (Not illustrated)



ITEM	PART NO.	QTY.	DESCRIPTION
1	73043427	1	COVER, left
	73043428	1	COVER, right
	-----	2	DECAL (See PAINTING AND MARKING)
	70916381	6	CAPSCREW, 3/8" NF x 3/4"
	70911115	6	WASHER, plain, SAE std., 3/8"
	70904206	6	LOCKWASHER, 3/8"
	70911041	6	NUT, 3/8" NF
2	73043841	2	LATCH
	70923703	4	SCREW, tapping, #10 NC x 1/2"



T-71746

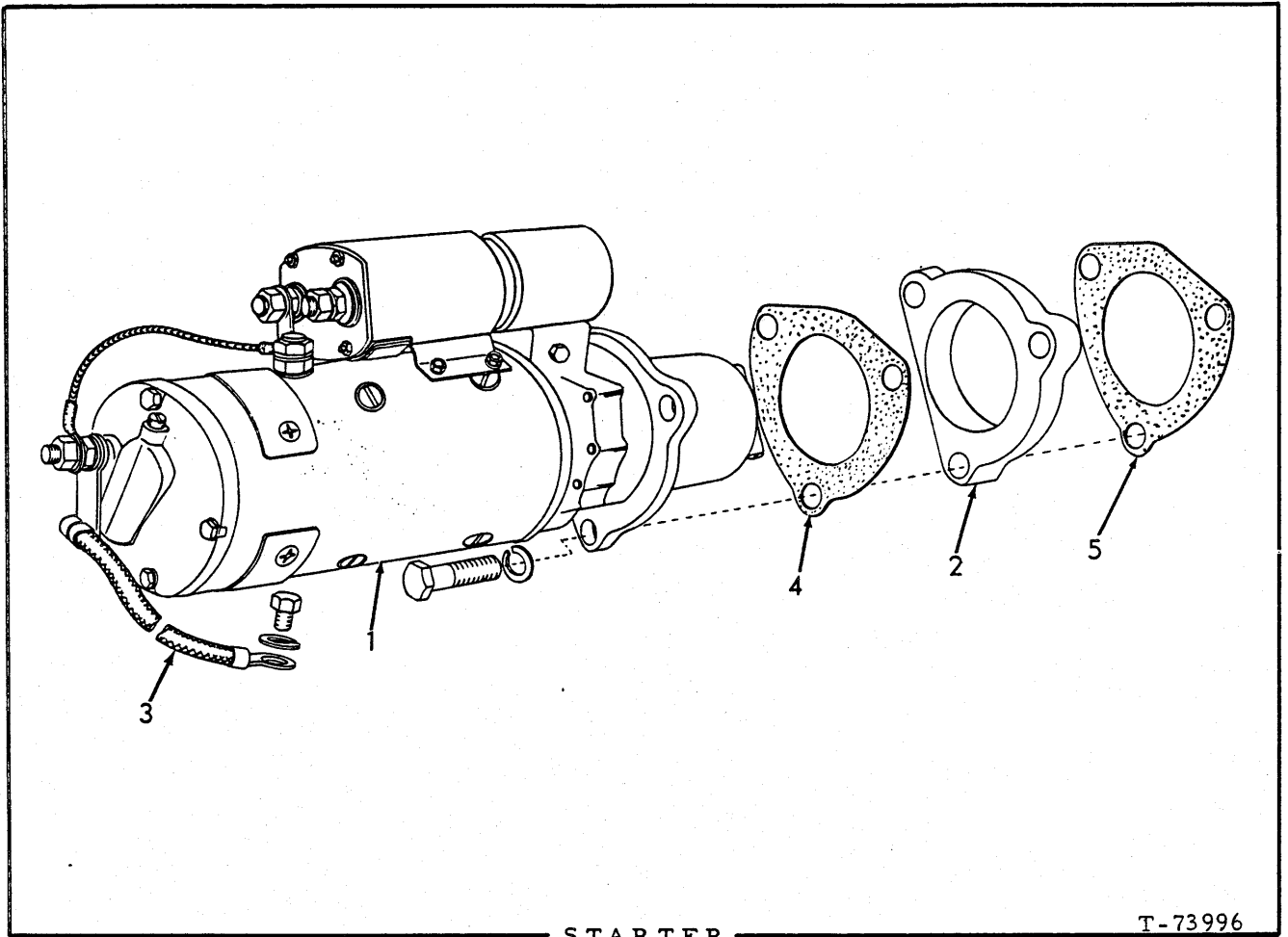
ITEM	PART NO.	QTY.	DESCRIPTION
1	73048106	2	PLATE
2	73048112	4	NUT
	70921706	4	BOLT, 3/8" NC x 5"
	70911115	4	WASHER, plain, 3/8"
	70918308	4	NUT, 3/8" NC
3	70695471	2	BATTERY (Requires 14.0 qts. Electrolyte) (20 hr. rating of 175 ampere hours) (Replaces 70248922 BATTERY)
3a	70243526	1	ELECTROLYTE ("Z" Pack) 6.1 qts.
	73108135	1	ELECTROLYTE ("F" Pack) 5.0 gal.
3b	70243528	1	HOSE (For use with 5 gal. pack)
4	73024383	2	CLAMP
	70915408	2	CAPSCREW, 3/8" NC x 5/8"
	70911115	2	WASHER, plain, 3/8"
	70904206	2	LOCKWASHER, 3/8"
5	73059270	1	CABLE
	74254646	1	CLAMP
	70916270	1	CAPSCREW, 3/8" NC x 1/2"
	70904206	1	LOCKWASHER, 3/8"
6	73043418	1	CABLE
	74254646	1	CLAMP
	70916272	1	CAPSCREW, 3/8" NC x 1-1/4"
	70904206	1	LOCKWASHER, 3/8"
	70910324	1	NUT, 3/8" NC

Not
Illustrated

(Continued)

BATTERIES AND CABLES (Continued)

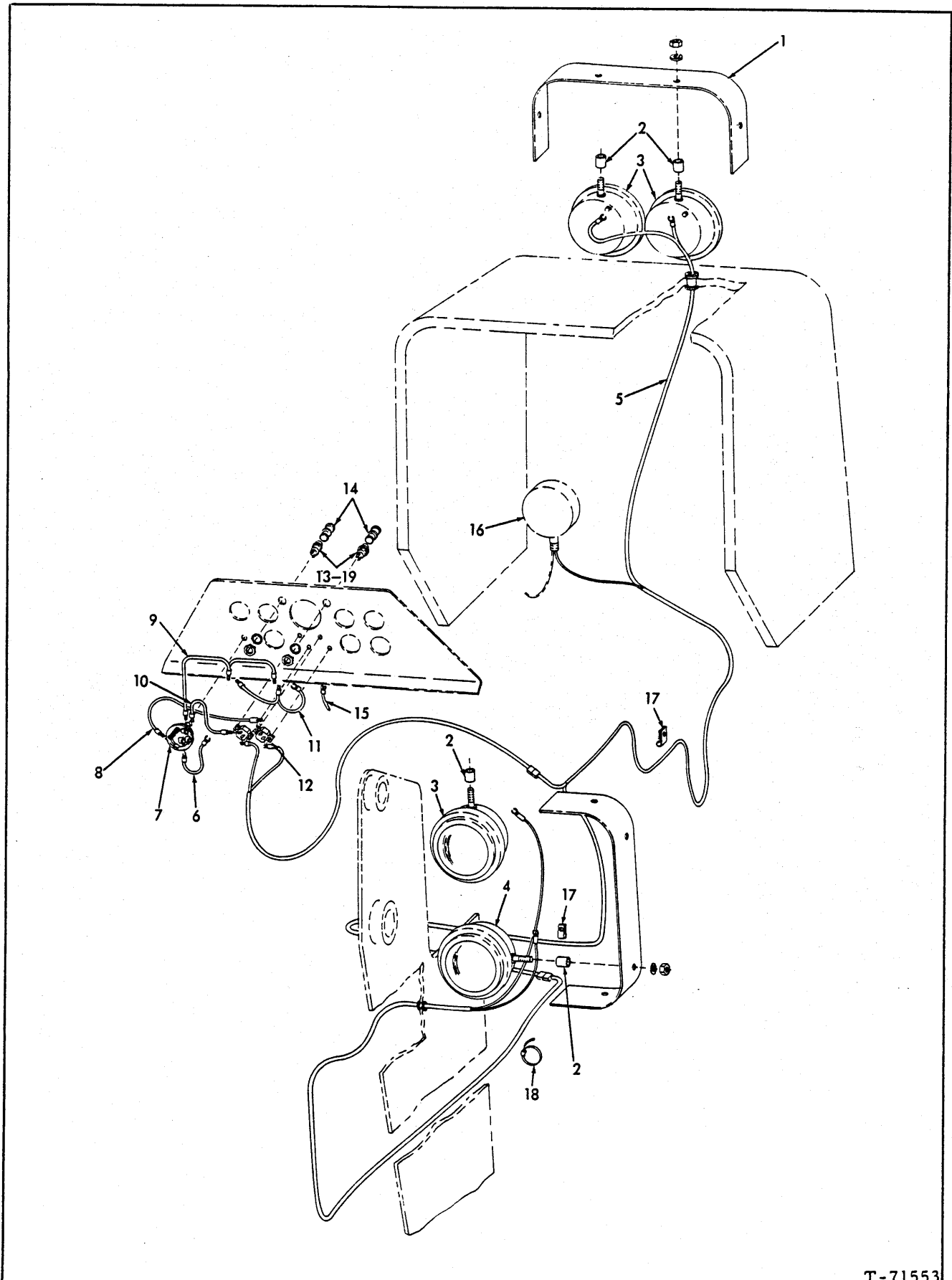
ITEM	PART NO.	QTY.	DESCRIPTION
7	73043416	1	CABLE
8	73008046	4	WASHER
9	-----	2	See FRAME
10	-----	2	See FUEL TANK



STARTER

T-73996

ITEM	PART NO.	QTY.	DESCRIPTION
1	74387529	1	MOTOR (See the Fiat-Allis dealer for parts)
	70914876	3	CAPSCREW, 5/8" NC x 2-1/2"
	70904209	3	LOCKWASHER, 5/8"
2	70621278	1	ADAPTER
3	73035268	1	CABLE, starter to ground (Used prior to unit no. 02701)
	70916028	1	CAPSCREW, 1/2" NF x 1-3/4"
	70904208	1	LOCKWASHER, 1/2"
	70911043	1	NUT, 1/2" NF
4	73039071	1	GASKET
5	73039072	1	GASKET



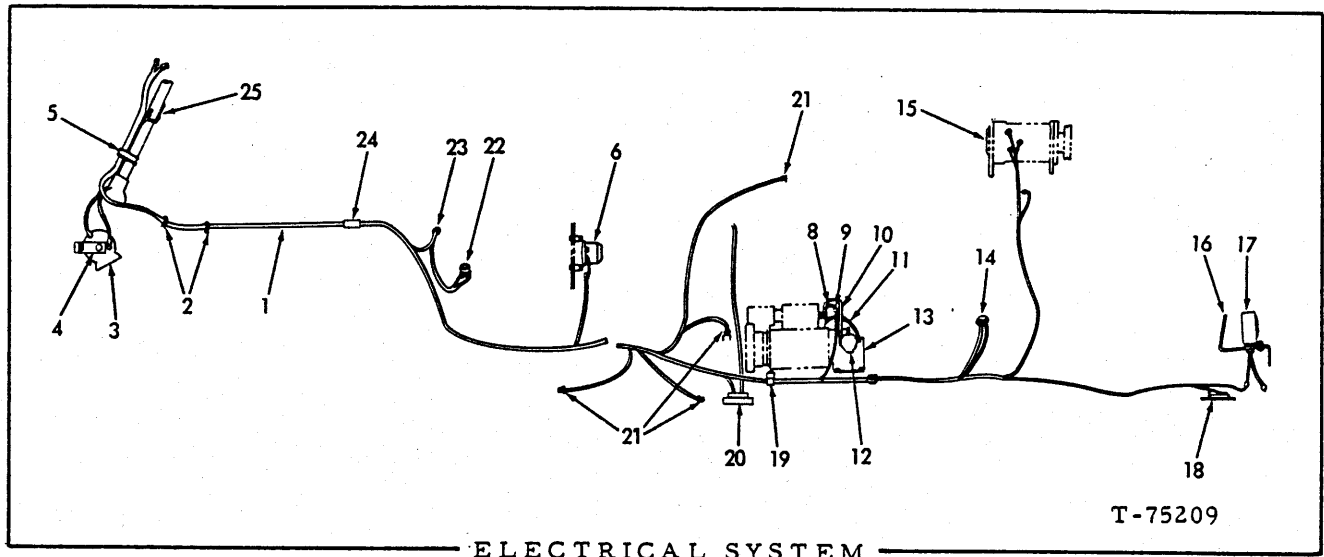
LIGHTS AND WIRING

T-71553

LIGHTS AND WIRING

USAGE: Special equipment used prior to Loader serial no. 1717

ITEM	PART NO.	QTY.	DESCRIPTION
1	-----	-	BAR
2	73044067	6	SPACER
3	-----	4	See LIGHT ASSY. PARTS
	70904208	4	LOCKWASHER, 1/2"
	70911043	4	NUT, 1/2" NF
4	-----	2	See LIGHT ASSY. PARTS
	70904208	2	LOCKWASHER, 1/2"
	70911043	2	NUT, 1/2" NF
	70912765	2	GROMMET
5	73044667	1	HARNESS
6	73048969	1	WIRE ASSY., switch to ammeter
7	73031735	1	SWITCH
8	73044709	1	WIRE ASSEMBLY switch to head light circuit breaker
9	73044707	1	WIRE ASSEMBLY, switch to instrument lights
10	73044711	1	WIRE ASSEMBLY, switch to work light circuit breaker
11	73050611	1	WIRE ASSEMBLY, instrument lights to fuel gauge ground
12	73044706	2	BREAKER, circuit, 10 amp.
	70917443	4	SCREW, machine, #8 NC x 3/4"
13	73021334	2	LIGHT ASSY., instrument panel (With bulb, incandescent, bayonet type, 1.7 amp., 24 volt) (Includes items 14 and 19)
14	73037183	2	SHIELD
15	73050612	1	WIRE ASSEMBLY, light to fuel gauge ground (Used with machines not provided with ground receptacle in wiring harness only)
16	-----	-	See ELECTRICAL SYSTEM
17	70925615	2	CLIP
	70916270	2	CAPSCREW, 3/8" NC x 1/2"
	70904206	2	LOCKWASHER, 3/8"
	70647418	2	NUT, 3/8" NC
18	{ 70925094	19	CLIP, (7-5/16" Long)
	{ 73050495	4	CLIP, (14-3/16" Long)
19	73040937	2	BULB, 24 volt (Not illustrated)



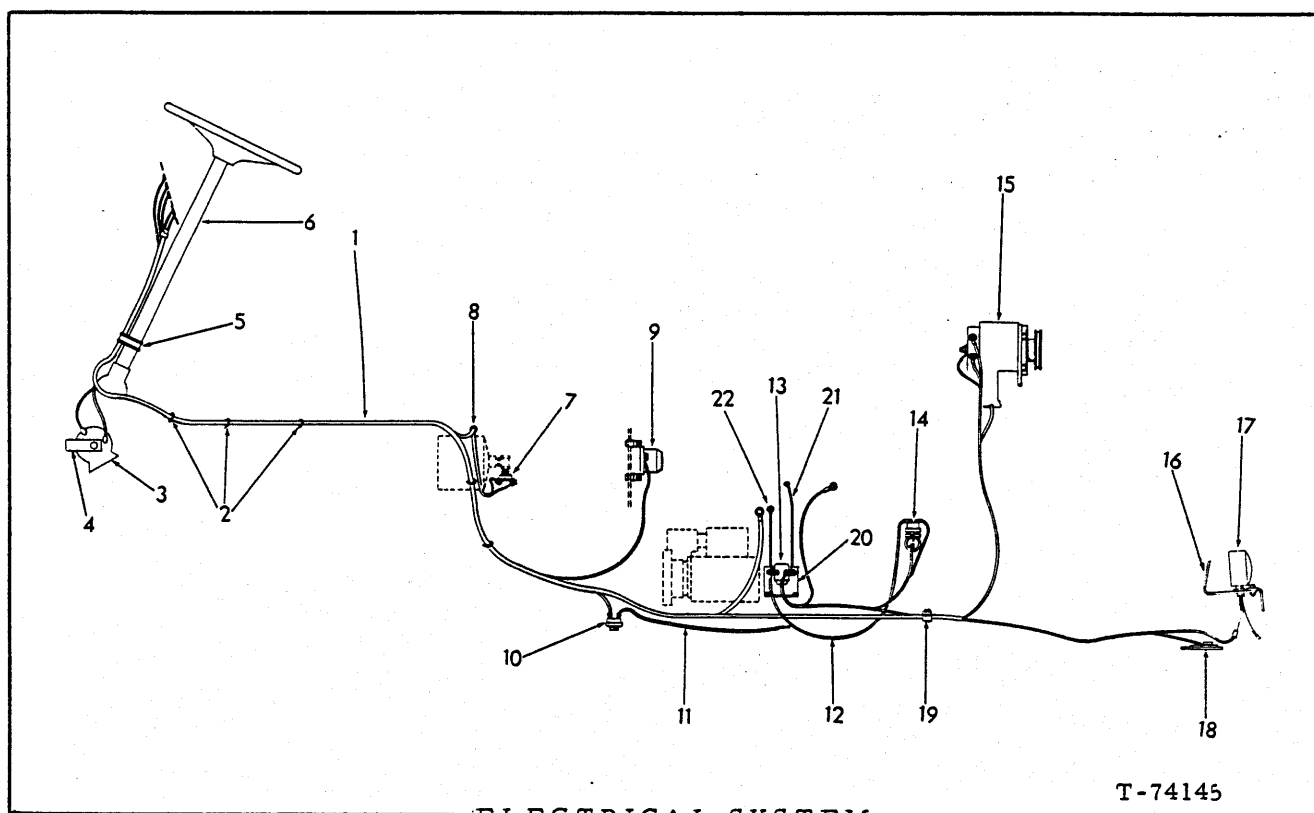
USAGE: Standard Equipment used prior to Loader serial no. 1717 (See page 395 for serial no. 1003)

ITEM	PART NO.	QTY.	DESCRIPTION
1	73047296	1	HARNES
2	70925094	7	CLIP
3	73042960	1	HORN ASSY. (serviced only as a unit)
	73042966	1	NUT
4	73042959	1	BRACKET
	70916225	1	CAPSCREW, 3/8" NF x 1"
	70900817	1	WASHER, plain, U.S. std., 3/8"
	70910287	1	LOCKWASHER, 3/8"
	70910123	1	NUT, 3/8" NF
5	73031787	1	BINDER
	73031789	1	CLIP
6	74387504	1	REGULATOR, generator (Delco Remy no. 1119206 - order parts from local service agency)
	70916402	4	CAPSCREW, 1/4" NF x 1-1/2"
	70904204	4	LOCKWASHER, 1/4"
	70911040	4	NUT, 1/4" NF
7	-----	-	See STARTER
8	73018974	1	WIRE ASSY.
9	73031783	1	FUSE, 30 amp.
10	73036543	1	WIRE ASSY.
11	73035498	1	WIRE ASSY.
12	74513207	1	SWITCH
	70923341	2	CAPSCREW, cd. pltd., 1/4" NC x 3/4"
	70916964	2	LOCKWASHER, pltd., 1/4"
	70916622	2	NUT, cd. pltd., 1/4" NC
13	73048600	1	BRACKET
	70923683	2	CAPSCREW, 3/8" NC x 3/4" (self-tapping)

(Continued)

ELECTRICAL SYSTEM (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
14	73009981	1	SWITCH
	70916705	1	NIPPLE, close, 1/8" NPT x 2"
	70901702	1	TEE, pipe, 1/8"
15	-----	-	See GENERATOR GROUP
16	-----	-	PLATE, (See FUEL TANK AND LINES)
17	-----	1	See TAIL LIGHT
18	-----	-	See FUEL TANK AND LINES
19	73036228	2	CLIP
	70916381	2	CAPSCREW, 3/8" NF x 3/4"
	70910287	2	LOCKWASHER, 3/8"
	70910123	2	NUT, 3/8" NF
20	73062007	1	SWITCH, air pressure
21	70920658	3	TERMINAL, male
22	73031667	1	SWITCH
	70901826	1	BUSHING, pipe, 3/8" x 1/4"
23	70925616	1	CLIP
24	70925097	3	CLAMP
	70916270	3	CAPSCREW, 3/8" NC x 1/2"
	70910287	3	LOCKWASHER, 3/8"
25	-----	-	See SHIFT CONTROL



ELECTRICAL SYSTEM

T-74145

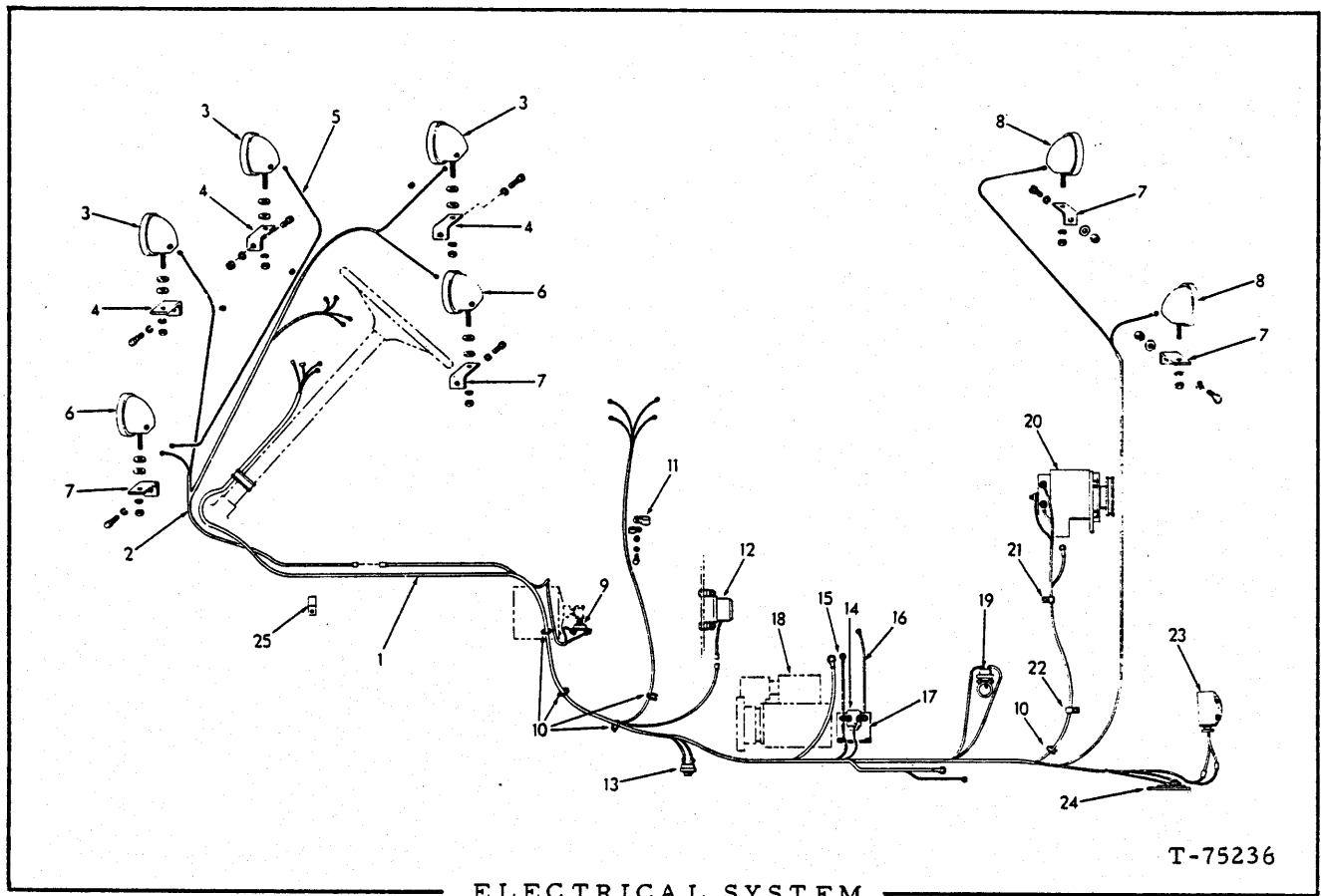
USAGE: Special equipment, for use with Alternator prior to loader s/n. 1717 (See page 395 for serial no. 1003)

ITEM	PART NO.	QTY.	DESCRIPTION
1	70199893	1	HARNES
2	70925094	5	CLIP
3	73042960	1	HORN ASSY. (Serviced only as a unit)
	73042966	1	NUT
4	73042959	1	BRACKET
	70916225	1	CAPSCREW, 3/8" NF x 1"
	70900817	1	WASHER, plain, 3/8"
	70904206	1	LOCKWASHER, 3/8"
	70911041	1	NUT, 3/8" NF
5	73031787	1	BINDER
	73031789	1	CLIP
6	-----	-	See TRANSMISSION CONTROL GROUP
7	73031667	1	SWITCH
	70901826	1	BUSHING, pipe, 3/8" x 1/4"
8	73038845	1	CLIP
9	74059345	1	REGULATOR, generator (Deco Remy No. 9000591 - order parts from local service agency)
	70916402	3	CAPACREW, 1/4" NF x 1-1/2"
	70904204	3	LOCKWASHER, 1/4"
	70911040	3	NUT, 1/4" NF

(Continued)

ELECTRICAL SYSTEM (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
10	73062007	1	SWITCH, air pressure (See AIR TANKS AND LINES)
11	70199896	1	WIRE ASSY.
12	70199897	1	WIRE ASSY.
13	74513207	1	SWITCH
	70915408	2	CAPSCREW, 3/8" NC x 3/4"
	70904206	2	LOCKWASHER, 3/8"
	70911041	2	NUT, 3/8" NC
14	73009981	2	SWITCH
	70924625	1	NIPPLE, close, 1/8" NPT x 2"
	70914630	1	CROSS, pipe, iron, 1/8"
15	-----	-	See ALTERNATOR GROUP
16	-----	1	PLATE
	-----	2	CAPSCREW
	-----	2	NUT, safety
			} See FUEL TANK AND LINES
17	-----	1	See TAIL LIGHT
18	-----	-	See FUEL TANK AND LINES
19	73036228	2	CLIP
	70916381	2	CAPSCREW, 3/8" NF x 3/4"
	70904206	2	LOCKWASHER, 3/8"
	70911041	2	NUT, 3/8" NF
20	73048600	1	BRACKET
	70923683	2	CAPSCREW, 3/8" NC x 3/4" (Self-tapping)
21	73035498	1	WIRE ASSY., solenoid to starter (15" long)
22	73036543	1	WIRE ASSY., solenoid to starter (20" long)



USAGE: * Effective loader serial no. 1717 thru 96M02700 including 1003
 ** Used prior to loader serial no. 23C02701

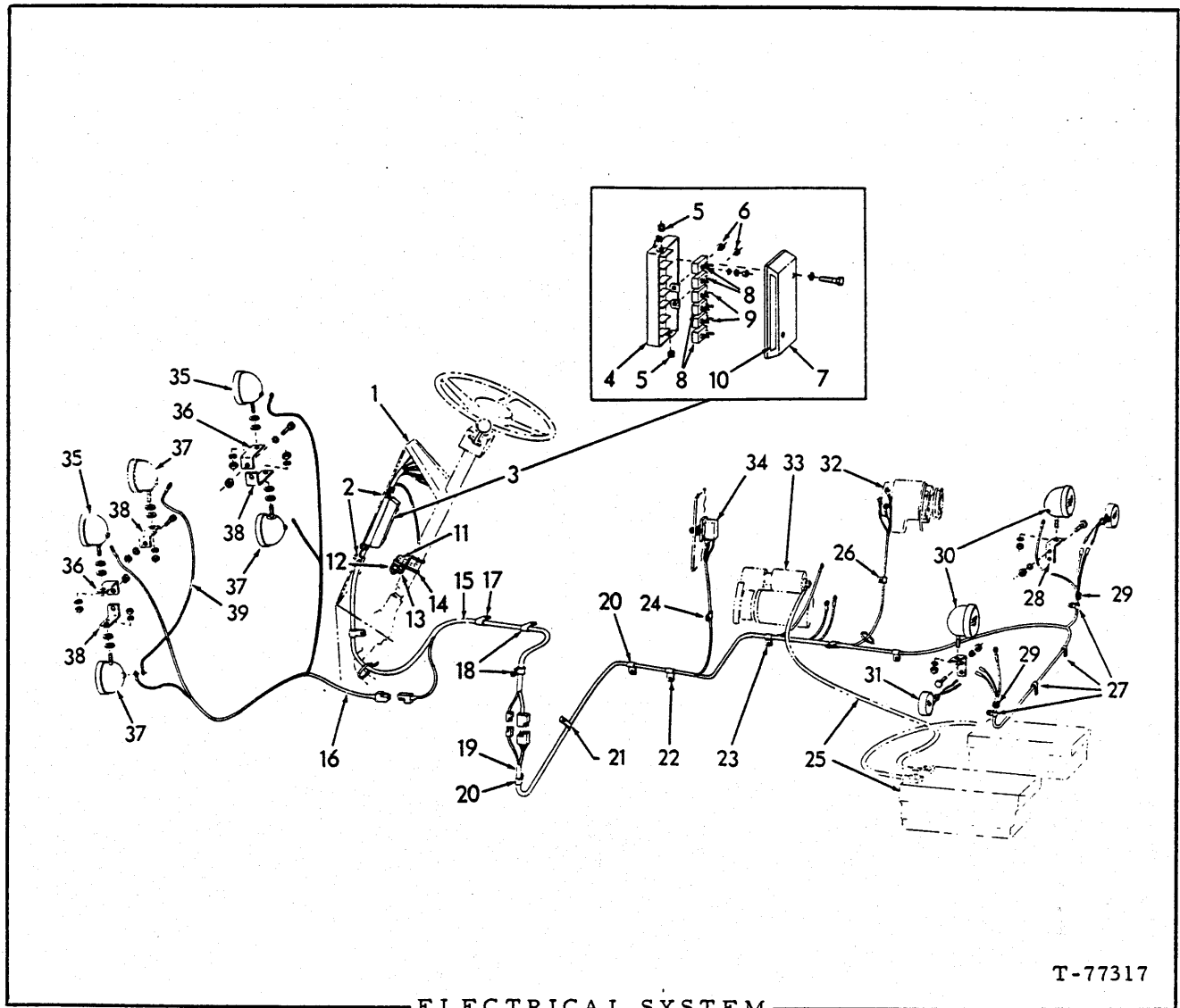
ITEM	PART NO.	QTY.	DESCRIPTION
		* *	
1	{ 73103962	1 -	HARNESS, wiring (Used prior to loader s/n 2050)
	{ 73105914	1 1	HARNESS, wiring (Effective with loader s/n 96M02050)
2	{ 73103965	1 1	HARNESS, wiring
	{ 73057622	1 -	HARNESS, wiring (Effective with loader s/n 2701)
3	-----	3 3	See LIGHT ASSY. PARTS
	70900818	6 6	WASHER, plain, 9/16" I. D., 1-3/8" O. D.
	70916966	6 3	LOCKWASHER, pltd., 1/2"
	70919423	3 3	NUT, cd. pltd., 1/2" NF
4	{ 73103620	3 -	BRACKET
	{ 73052615	- 3	BRACKET
	70921176	1 -	CAPSCREW, cd. pltd., 1/2" NC x 1-1/4"
	70923114	2 -	CAPSCREW, cd. pltd., 1/2" NC x 1"
	70915987	- 3	CAPSCREW, 1/2" NC x 1-1/2"
	70904208	- 3	LOCKWASHER, 1/2"
	70916951	3 3	NUT, cd. pltd., 1/2"
5	73104283	1 -	WIRE ASSY.
	70912765	1 -	GROMMET
6	-----	2 -	See LIGHT ASSY. PARTS

Special
Equipment

(Continued)

ELECTRICAL SYSTEM

ITEM	PART NO.	QTY.	DESCRIPTION
		* *	
7	{ 73103620	4 -	BRACKET
	73052615	- 4	BRACKET
	70923114	4 -	CAPSCREW, cd. pltd., 1/2" NC x 1"
	70915987	- 4	CAPSCREW, 1/2" NC x 1-1/2"
	70916966	4 4	LOCKWASHER, pltd., 1/2"
	70900818	4 -	WASHER, plain, 9/16" I. D., 1-3/8" O. D.
	70910325	4 4	NUT, 1/2" NC
8	-----	2 2	See LIGHT ASSY. PARTS
	70900818	- 2	WASHER, plain, 1/2"
	70916966	2 2	LOCKWASHER, pltd., 1/2"
	70919423	2 2	NUT, cd. pltd., 1/2" NF
9	{ 73031667	1 -	SWITCH
	73062007	- 1	SWITCH
10	70925094	5 5	CLIP
11	70925622	1 -	CLAMP, 1-1/2" tube
	70925616	1 -	CLIP, 5/16" tube
	70911115	1 -	WASHER, plain, SAE std., 3/8"
	70904206	1 -	LOCKWASHER, 3/8"
	70921965	1 -	CAPSCREW, cd. pltd., 3/8" NC x 3/4"
12	73103066	1 1	REGULATOR, alternator (Motorola no. R2JC3 - order parts from authorized Motorola Automotive Products Dealer)
	70917388	3 3	SCREW, rd. hd., cd. pltd., #10 NC x 3/4"
	70917365	3 3	LOCKWASHER, pltd., 3/8"
	70916621	3 3	NUT, cd. pltd., #10 NC
13	73062007	1 1	SWITCH, air pressure (See AIR TANKS AND LINES)
14	74513207	1 1	SWITCH
	70915408	2 -	CAPSCREW, 3/8" NC x 3/4"
	70904206	2 -	LOCKWASHER, 3/8"
	70910324	2 -	NUT, 3/8" NC
	70927202	2 2	GROMMET
	70916400	- 2	CAPSCREW, 1/4" NF x 3/4"
	70911114	- 2	WASHER, plain, 1/4"
	70921390	- 2	NUT, 1/4" NF
15	73036543	1 1	WIRE ASSY.
16	73035498	1 1	WIRE ASSY.
17	73048600	1 1	BRACKET
	70923341	2 -	CAPSCREW, 1/4" NC x 3/4"
	70916964	2 -	LOCKWASHER, 1/4"
	70916622	2 -	NUT, 1/4" NC
	70923683	- 2	CAPSCREW, self-tapping, 3/8" NC x 3/4"
18	-----	- -	See STARTER
19	73009981	- -	SWITCH
20	-----	- -	See ALTERNATOR GROUP
21	73029843	1 -	CLAMP (to capscREW on intake manifold)
	70926192	1 -	WASHER, plain, 9/16"
22	70925613	1 1	CLAMP (To capscREW in lower cover below fuel pump)
23	-----	- -	See TAIL LIGHT ASSY
24	-----	- -	SENDER UNIT (See FUEL TANK AND LINES)
25	{ 70195085	1 -	CLAMP
	70925097	- 4	CLAMP
	70904208	1 -	LOCKWASHER, 1/2"
	70910287	- 4	LOCKWASHER, 3/8"
	70910325	1 -	NUT, 1/2" NC
	70915408	- 4	CAPSCREW, 3/8" NC x 3/4"



ELECTRICAL SYSTEM

USAGE: Effective with loader serial no. 96M02701 , 23C02701

ITEM	PART NO.	QTY.	DESCRIPTION
1	-----	-	See INSTRUMENT PANEL
2	74254646	2	CLIP, harness, support
	70916271	2	CAPSCREW, 3/8" NC x 1"
	70904206	2	LOCKWASHER, 3/8"
	70910324	2	NUT, 3/8" NC
3	73057977	1	BOX ASSY., junction (Includes items 4 thru 10)
	70916285	2	CAPSCREW, 1/4" NC x 1"
	70904204	2	LOCKWASHER, 1/4"
	70916622	2	NUT, 1/4" NC
4	-----	1	BODY, junction box (Order item 3)
5	73058528	2	GROMMET

(Continued)

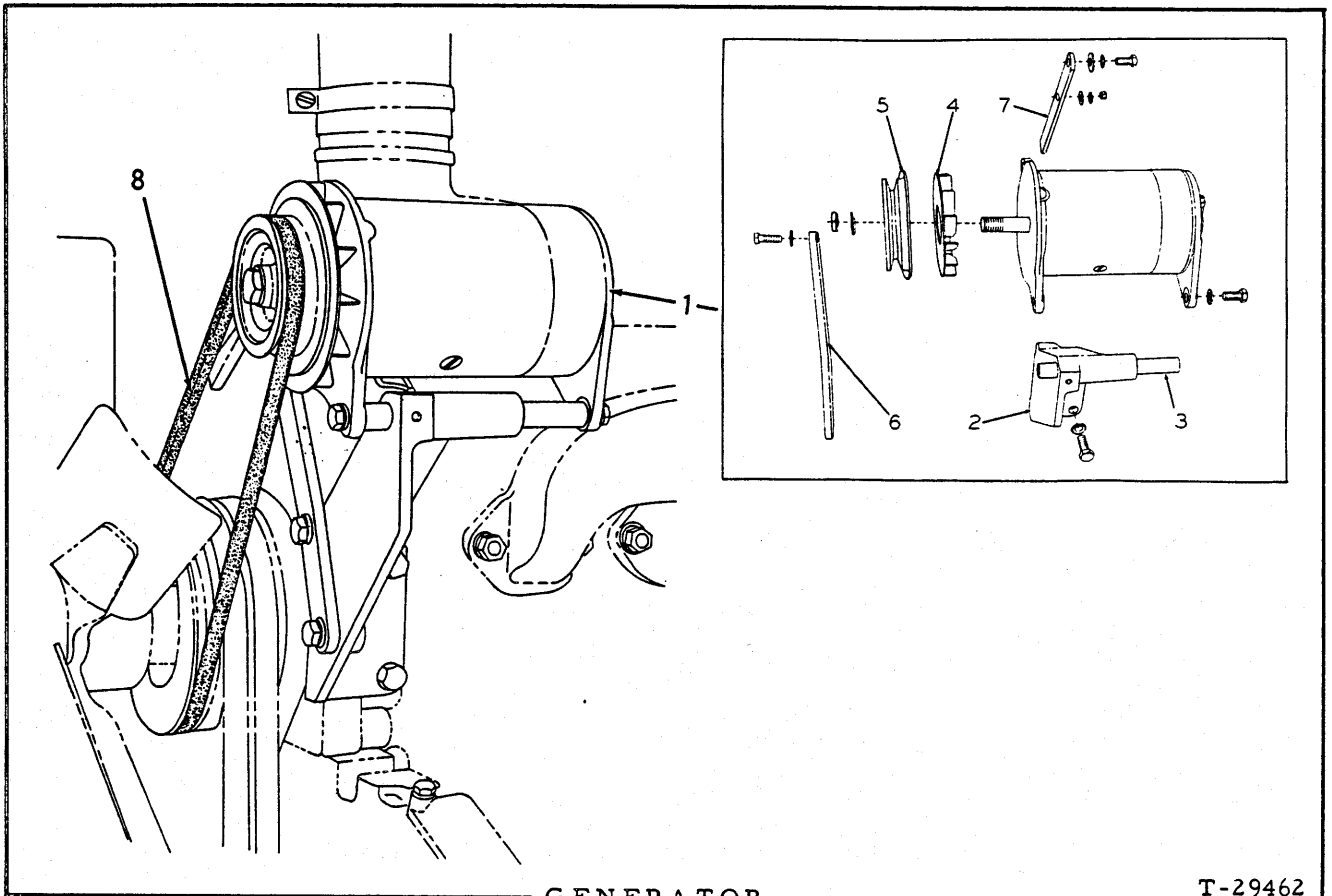
ELECTRICAL SYSTEM (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
6	73058527	2	GROMMET, (Closed)
7	73058651	1	COVER
	70929117	2	SCREW, #10 self tapping
	70917365	2	LOCKWASHER, #10
8	73058531	4	BREAKER, circuit 8 amp.
	70916880	8	NUT, #10
	70922711	8	LOCKWASHER, #10 ext. tooth
	70924237	8	WASHER, plain, #10
9	73058529	2	BREAKER, circuit, 15 amp.
	70916880	4	NUT, #10
	70922711	4	LOCKWASHER, #10, ext. tooth
	70924237	4	WASHER, plain, #10
10	73057767	1	DECAL
11	73061193	1	BOOT
12	73057506	1	SWITCH, starting, safety (Includes mounting nuts)
13	73057402	1	BRACKET
14	73048011	2	U-BOLT
	70904204	4	LOCKWASHER, 1/4"
	70911040	4	NUT, 1/4" NF
	70911114	4	WASHER, 1/4"
15	73061021	1	HARNESS
16	73057622	1	HARNESS
	70912765	2	GROMMET
17	70925620	2	CLAMP
	70904206	2	LOCKWASHER, 3/8"
	70915408	2	CAPSCREW, 3/8" NC x 3/4"
18	70926049	2	CLAMP
	70904206	2	LOCKWASHER
	70915408	2	CAPSCREW, 3/8" NC x 3/4"
19	{ 73057620	1	HARNESS(used with std. enclosed alternator)
	{ -----	1	HARNESS(used with High Output alternator - See ALTERNATOR
20	70926049	2	CLAMP AND MOUNTING)
	70904206	2	LOCKWASHER, 3/8"
	70916270	2	CAPSCREW, 3/8" NC x 1/2"
21	70926049	1	CLAMP
	70916271	1	CAPSCREW, 3/8" NC x 1"
	70904206	1	LOCKWASHER, 3/8"
	70910324	1	NUT, 3/8" NC
22	70925620	1	CLAMP
	70904206	1	LOCKWASHER, 3/8"
	70916270	1	CAPSCREW, 3/8" NC x 1/2"
23	70926049	1	CLAMP (Use existing capscrew)

(Continued)

ELECTRICAL SYSTEM (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
24	70926917	1	CLAMP (Use existing capscrew)
25	-----	-	See BATTERIES.
26	70925613	1	CLAMP (Use existing capscrew)
27	70926917	4	CLAMP
	70904206	4	LOCKWASHER, 3/8"
	70916270	4	CAPSCREW, 3/8" NC x 1/2"
28	7 3058587	2	BRACKET
	7 0915987	2	CAPSCREW, 1/2" NC x 1-1/2"
	7 0904208	2	LOCKWASHER, 1/2"
	7 0910325	2	NUT, 1/2" NC
29	-----	-	CHANNEL, rubber, 8" (refer to item 40)
30	7 0621429	2	LIGHT ASSY., rear (See LIGHT ASSEMBLY)
	7 0900703	2	WASHER, plain, 1/2"
	7 0904208	2	LOCKWASHER, 1/2"
	7 0910195	2	NUT, 1/2" NF
31	73069238	2	LIGHT ASSY., tail-stop. (See page 417)
32	-----	-	See ALTERNATOR
33	-----	-	See STARTER
34	70650944	1	REGULATOR (See Fiat-Allis dealer for parts)
	7 0916285	2	SCREW, 1/4" NC x 1"
	7 0904204	2	LOCKWASHER, 1/4"
	7 0916622	2	NUT, 1/4" NC
35	7 3044810	2	LIGHT ASSY., head (See LIGHT ASSEMBLY)
	7 0900703	2	WASHER, plain, 1/2"
	7 0904208	2	LOCKWASHER, 1/2"
	7 0911043	2	NUT, 1/2" NF
36	7 3052615	2	BRACKET
	7 0915987	2	CAPSCREW, 1/2" NC x 1-1/2"
	7 0904208	2	LOCKWASHER, 1/2"
	7 0910325	2	NUT, 1/2" NC
37	70621429	3	LIGHT ASSY., flood (See LIGHT ASSEMBLY)(Special Equipment)
	70900818	6	WASHER, plain, 1/2"
	70904208	3	LOCKWASHER, 1/2"
	70919423	3	NUT, 1/2" NF
38	73052615	3	BRACKET (Special Equipment)
	70915987	1	CAPSCREW, 1/2" NC x 1-1/2"
	70904208	1	LOCKWASHER, 1/2"
	70910325	1	NUT, 1/2" NC
39	73104283	1	WIRE ASSY. (Special Equipment)
	70912765	1	GROMMET
40	73048123	-	CHANNEL (25' length - use as required)

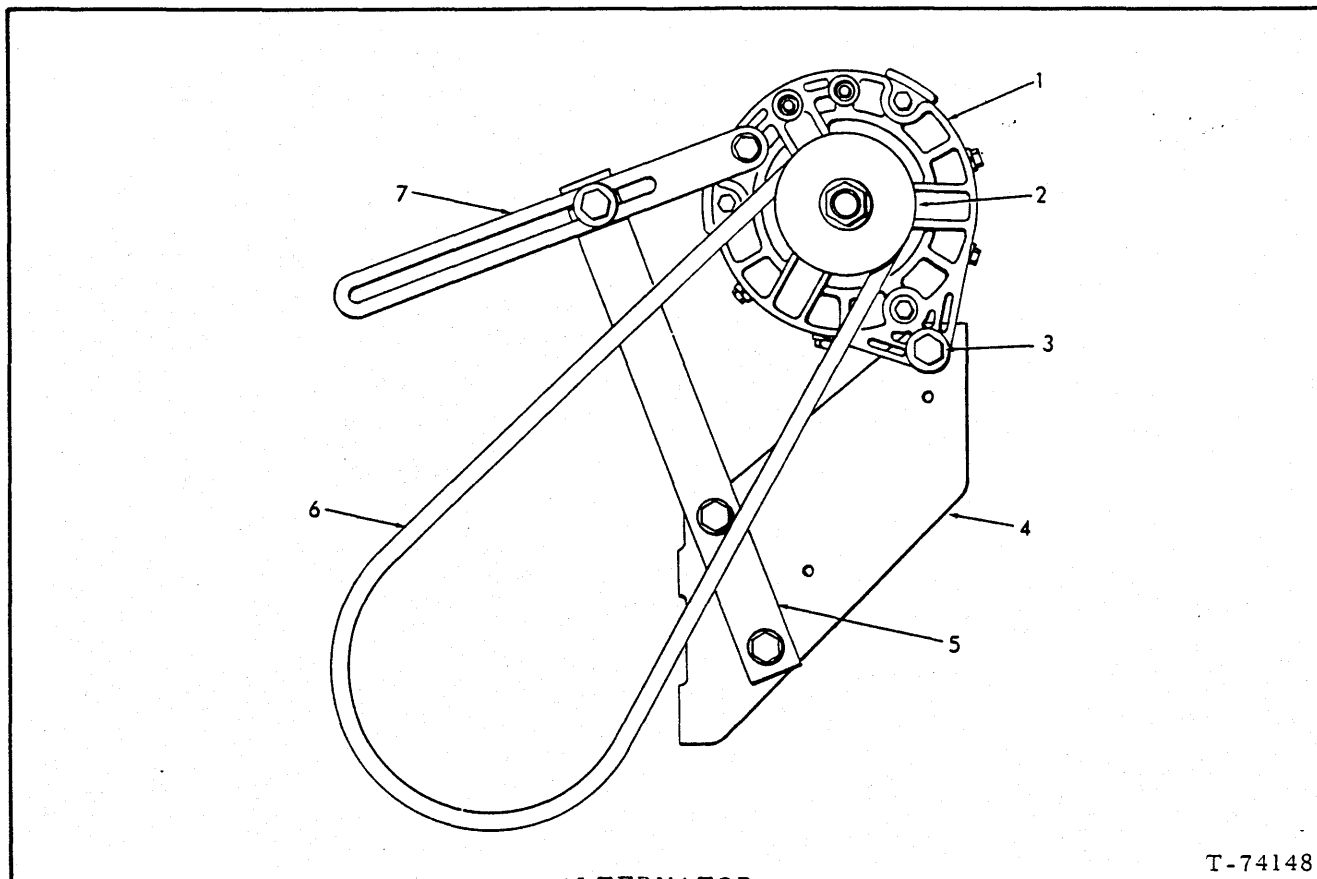


GENERATOR

T-29462

USAGE: Standard Equipment prior to Loader Serial No. 1717 (See page 403 for serial no. 1003)

ITEM	PART NO.	QTY.	DESCRIPTION
1	74347982	1	GENERATOR (Includes key, nut and washer for pulley) (See the Fiat-Allis dealer for parts)
	70916197	2	CAPSCREW, 7/16" NC x 1-1/4"
	70904207	2	LOCKWASHER, 7/16"
2	74357978	1	BRACKET
	70915987	3	CAPSCREW, 1/2" NC x 1-1/2"
	70904208	3	LOCKWASHER, 1/2"
	70902871	1	SCREW, locking, 3/8" NC x 1/2"
3	74374627	1	SPACER
4	74387190	1	FAN
5	74336804	1	PULLEY
6	74336873	1	BRACE
	70916310	1	CAPSCREW, 1/2" NC x 1"
	70919224	1	CAPSCREW, 3/8" NC x 1-1/8"
	70904208	2	LOCKWASHER, 1/2"
7	74336795	1	BRACE
	70916271	2	CAPSCREW, 3/8" NC x 1"
	70900817	1	WASHER, plain, U.S. std., 3/8"
	70904206	2	LOCKWASHER, 3/8"
	70910324	2	NUT, 3/8" NC
8	74613571	1	BELT

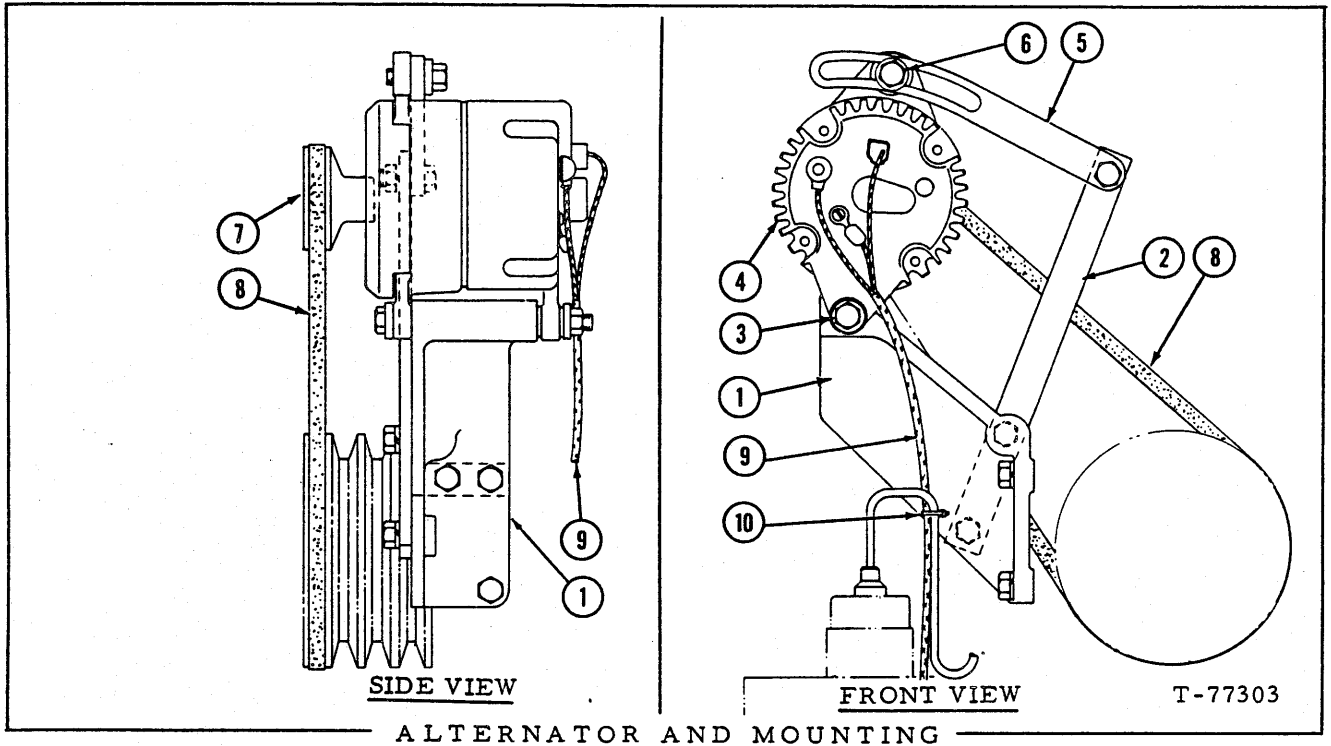


T-74148

ALTERNATOR

USAGE: Special Equipment prior to Loader serial no. 1717 (See page 403 for serial no. 1003)

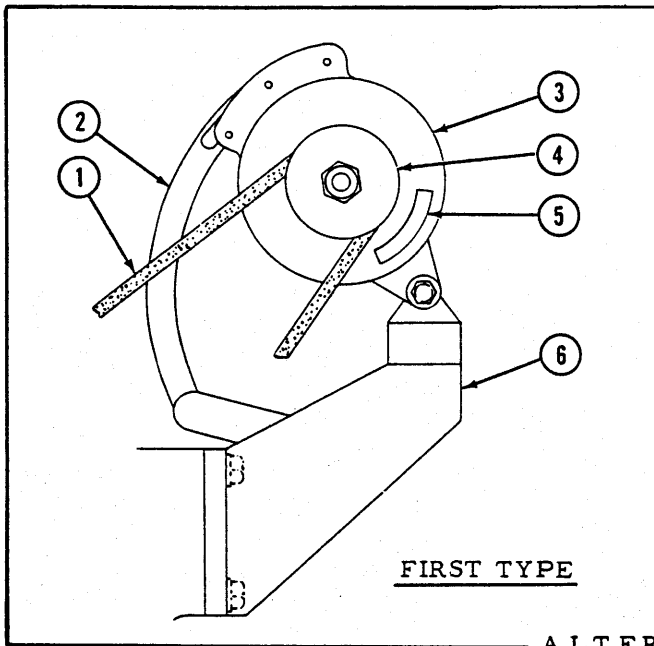
ITEM	PART NO.	QTY.	DESCRIPTION
1	74388628	1	ALTERNATOR (Includes key, nut and washer for pulley) (See the Fiat-Allis dealer for parts)
2	74388568	1	PULLEY
3	74388571	1	BAR
	70199657	2	WASHER
	70916191	1	CAPSCREW, 7/16" NC x 1-1/2"
	70916197	1	CAPSCREW, 7/16" NC x 1-1/4"
	70902871	1	SCREW, locking, 3/8" NC x 1/2"
4	74357567	1	BRACKET
	70915987	3	CAPSCREW, 1/2" NC x 1-1/2"
	70904208	3	LOCKWASHER, 1/2"
5	74357568	1	BRACKET
	70916311	2	CAPSCREW, 1/2" NC x 1-1/4"
	70904208	2	LOCKWASHER, 1/2"
6	74707726	1	BELT
7	74336795	1	BRACE
	70916269	1	CAPSCREW, 3/8" NC x 7/8"
	70919224	1	CAPSCREW, 3/8" NC x 1-1/8"
	70900817	1	WASHER, plain, 3/8"
	70904206	2	LOCKWASHER, 3/8"



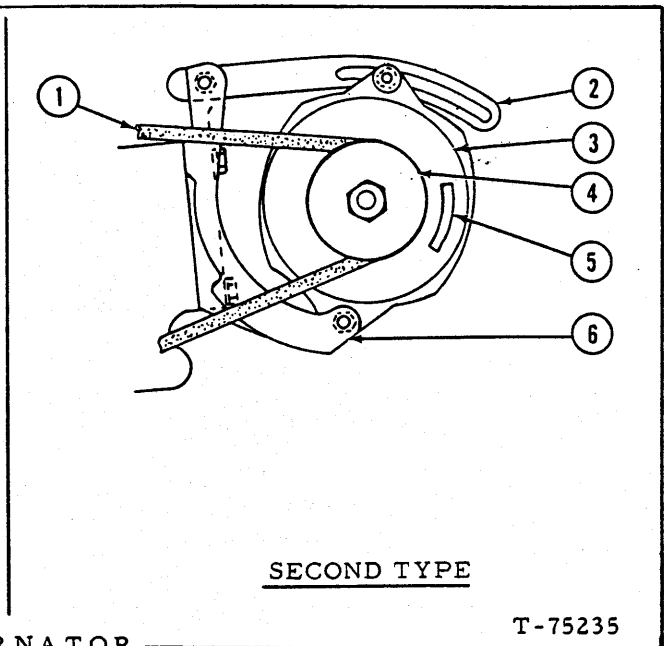
ALTERNATOR AND MOUNTING

USAGE: SPECIAL EQUIPMENT
 * High output alternator
 ** Enclosed alternator

ITEM	PART NO.	QTY.		DESCRIPTION
		*	**	
1	74320779	1	1	BRACKET
2	74320780	1	1	BRACKET
	70916311	2	2	CAPSCREW, 1/2" NC x 1-1/4"
	70904208	2	2	LOCKWASHER, 1/2"
3	70915521	1	1	CAPSCREW, 1/2" NC
	70910325	1	1	NUT, 1/2" NC
	70677008	2	2	WASHER, plain 1/2"
4	70662020	1	-	ALTERNATOR
	70660144	-	1	ALTERNATOR
5	74320782	1	1	BRACE
	70915987	1	1	CAPSCREW, 1/2" NC x 1-1/4"
	70910325	1	1	NUT, 1/2" NC
	70904208	1	1	LOCKWASHER, 1/2"
6	70915987	1	1	CAPSCREW, 1/2" NC x 1-1/4"
	70677008	1	1	WASHER, 1/2"
7	74320781	1	1	PULLEY
8	74516432	1	1	BELT
9	73059867	1	-	WIRE HARNESS
10	70925094	1	1	CLIP



FIRST TYPE



SECOND TYPE

T-75235

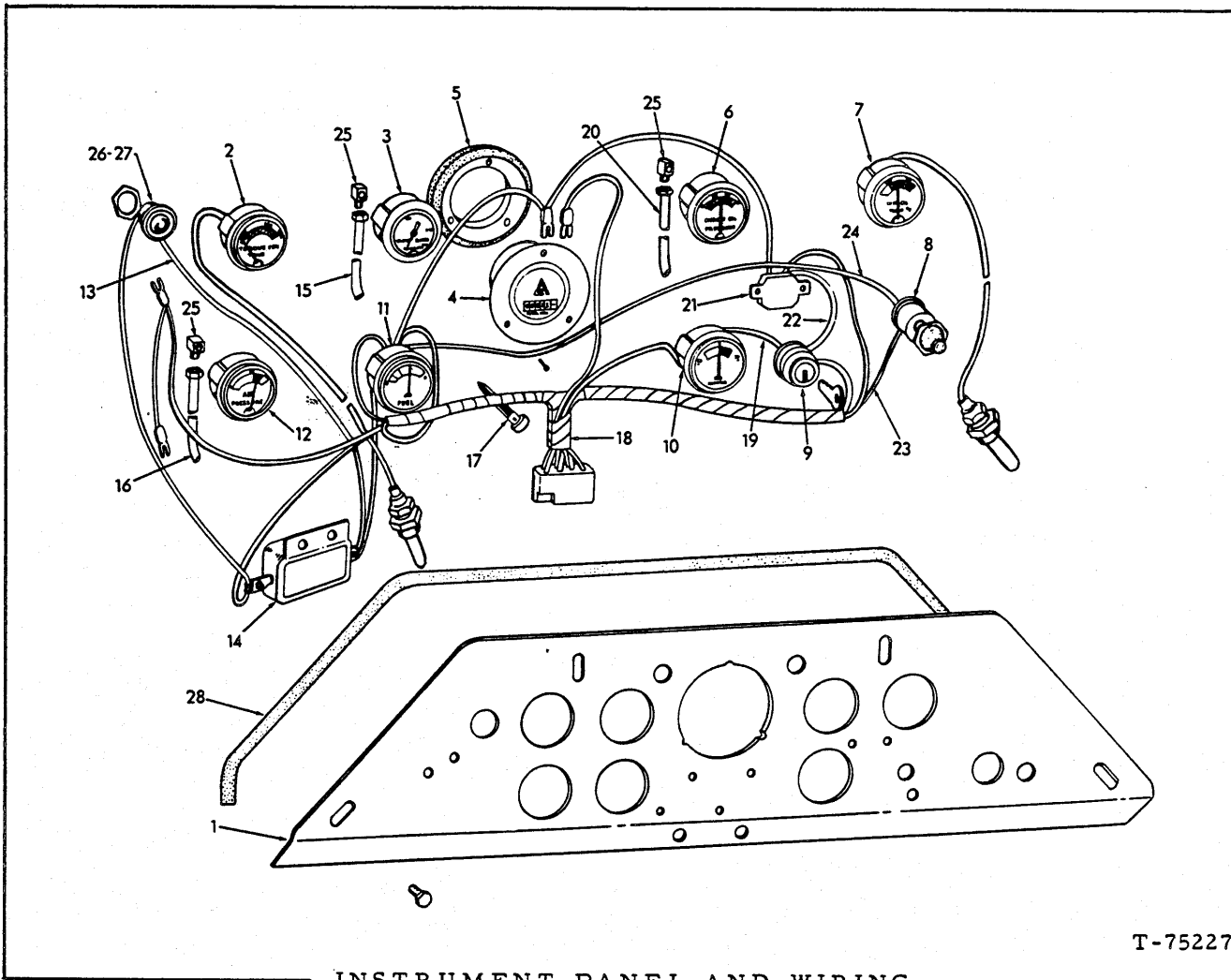
ALTERNATOR

USAGE: Used with loader S/N 1003, 1717 thru 96M02701 MOTOROLA Model MH24N-901

ITEM	PART NO.	QTY.	DESCRIPTION
1	74616583	1	BELT
2	73104921	1	BRACKET
	70916272	1	CAPSCREW, 3/8" NC x 1-1/4"
	70044973	1	WASHER, plain
	70918308	1	NUT, safety, 3/8" NC
3	70199280	1	ALTERNATOR (24V 35 Amp.)
	70915813	1	CAPSCREW, 5/16" NC x 7/8"
	70904205	1	LOCKWASHER, 5/16"
	70922849	1	CAPSCREW, 3/8" NC x 4"
	70044973	1	WASHER, plain
	70926180	6	WASHER, plain, 7/16"
	70918308	1	NUT, safety, 3/8" NC
4	73100820	1	PULLEY
5	73105127	1	DECAL
6	73054570	1	BRACKET
	70915987	3	CAPSCREW, 1/2" NC x 1-1/2"
	70904208	3	LOCKWASHER, 1/2"

USAGE: Effective with loader S/N 23C02701, 96M02701. DELCO Model No. 1100074

ITEM	PART NO.	QTY.	DESCRIPTION
1	73059309	1	BELT
2	74023007	1	BRACKET
	70916272	1	CAPSCREW, 3/8" NC x 1-1/4"
	70904206	1	LOCKWASHER, 3/8"
3	74028906	1	ALTERNATOR, (24 V, 30 Amp.)
	70919015	1	CAPSCREW, 3/8" NC x 3-1/2"
	70904206	1	LOCKWASHER, 3/8"
	70914670	1	CAPSCREW, 5/16" NC x 1-1/8"
4	70927454	2	WASHER, 5/16"
	74388568	1	PULLEY
5	73105127	1	DECAL
6	73059195	1	BRACKET
	70915987	3	CAPSCREW, 1/2" NC x 1-1/2"
	70904208	3	LOCKWASHER, 1/2"



T-75227

INSTRUMENT PANEL AND WIRING

USAGE: Prior to loader serial no. 1717 (See page 406 for serial no. 1003)

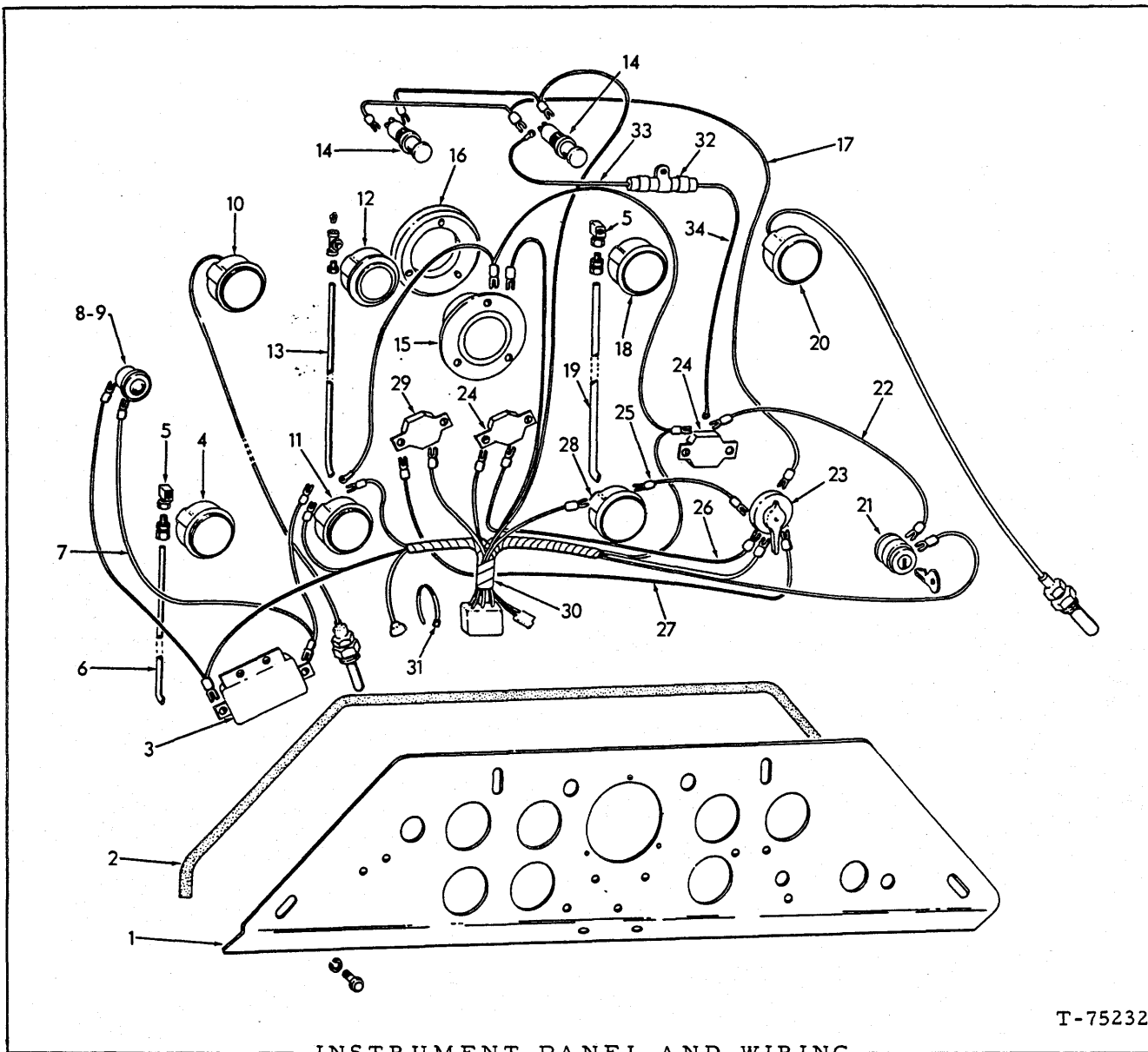
ITEM	PART NO.	QTY.	DESCRIPTION
1	73043880	1	PANEL
	70923683	4	CAPSCREW, 3/8" NC x 3/4"
2	73048694	1	GAUGE, transmission temperature (Includes LINE and BULB serviced as a unit)
3	73055671	1	GAUGE, clutch pressure
	73100170	1	SNUBBER (Not Illustrated)(at Transmission)
	70901702	1	TEE, pipe, 1/8"
	70919134	1	PLUG, pipe, hex hd., 1/8" PT
4	-----	1	* METER NOTE: Meter carries manufacturer's warranty and in case of failure should not be returned to Fiat-Allis. Return "Hobbs" meter to nearest "Stewart-Warner" agency. Return "Hamilton" meter to Hamilton Watch Company, Industrial Products Division, Lancaster, PA.
5	70066467	1	DAMPER
	70922928	3	SCREW, rd. hd., cd. pltd., #6 NC x 1/2"
6	70658293	1	GAUGE, engine oil pressure

(Continued)

INSTRUMENT PANEL AND WIRING (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
7	73048692	1	GAUGE, engine water temperature
8	73004909	1	SWITCH
9	73058073	1	SWITCH
	70917365	3	LOCKWASHER, spring, #10
	70917415	3	NUT, #10-32
	-----	1	KEY, ignition (Obtain Locally)
10	70658348	1	AMMETER (Standard Equipment, for use with Generator)
	73048619	1	AMMETER (Special Equipment, for use with Alternator)
11	73048642	1	GAUGE, fuel
12	73048635	1	GAUGE, air pressure
13	73034589	1	WIRE ASSY.
14	73034250	1	BUZZER
	70916400	2	CAPSCREW, 1/4" NF x 3/4"
	70904204	2	LOCKWASHER, 1/4"
	70911040	2	NUT, 1/4" NF
15	73100171	1	TUBE
	70925161	1	CONNECTOR, male, 3/16" tube, 1/8" PT (Includes non-serviceable ferrule)
16	73048712	1	TUBE
	70925161	2	CONNECTOR, male, 3/16" tube, 1/8" PT (Includes non-serviceable ferrule)
17	73044015	5	CLIP
18	73048647	1	HARNESS, wiring, instrument gauges (Standard Equipment, for use with Generator)
	70199894	1	HARNESS, wiring, instrument gauges (Special Equipment, for use with Alternator)
19	73048969	1	WIRE, ammeter to ignition switch (Special Equipment, for use with Alternator)
20	73048714	1	TUBE
	70925161	1	CONNECTOR, male, 3/16" tube, 1/8" PT (Includes non-serviceable ferrule)(at Engine)
21	73044068	1	BREAKER
	70917443	2	SCREW, machine, #8 NC x 3/4"
22	73043730	1	WIRE ASSY.
23	73048970	1	WIRE ASSY.
24	73015598	1	WIRE ASSY.
25	70925093	3	CONNECTOR
26	73034558	1	LIGHT
27	73034566	1	BULB
28	-----	1	TRIM, panel instrument (plastic)(41" length - order item 29)
29	73046759	-	TRIM, plastic (25 ft. roll - use as required)

* For service of Hour Meter order 1-70658881 Hour Meter;
1-73104953 Spacer; 3-70917437 Screw.



T-75232

INSTRUMENT PANEL AND WIRING

USAGE: Effective loader serial no. 1717 thru 96M02201 including 1003.

ITEM	PART NO.	QTY.	DESCRIPTION
1	73043880	1	PANEL
	70923683	4	CAPSCREW, 3/8" NC x 3/4"
2	-----	1	TRIM, panel, instrument (plastic)(41" length)(Order item 35)
3	73051161	1	BUZZER, warning
	70923341	2	CAPSCREW, ed. pltd., 1/4" NC x 3/4"
	70916964	2	LOCKWASHER, pltd., 1/4"
	70916622	2	NUT, cd., pltd., 1/4" NC
4	73048635	1	GAUGE, air pressure
5	70925093	2	ELBOW, female, 3/16" tube, 1/8" PT
6	73100171	1	TUBE
	70925161	1	CONNECTOR, male, 3/16" tube, 1/8" PT (Includes 1 SLEEVE 70927257)(at air reservoir)

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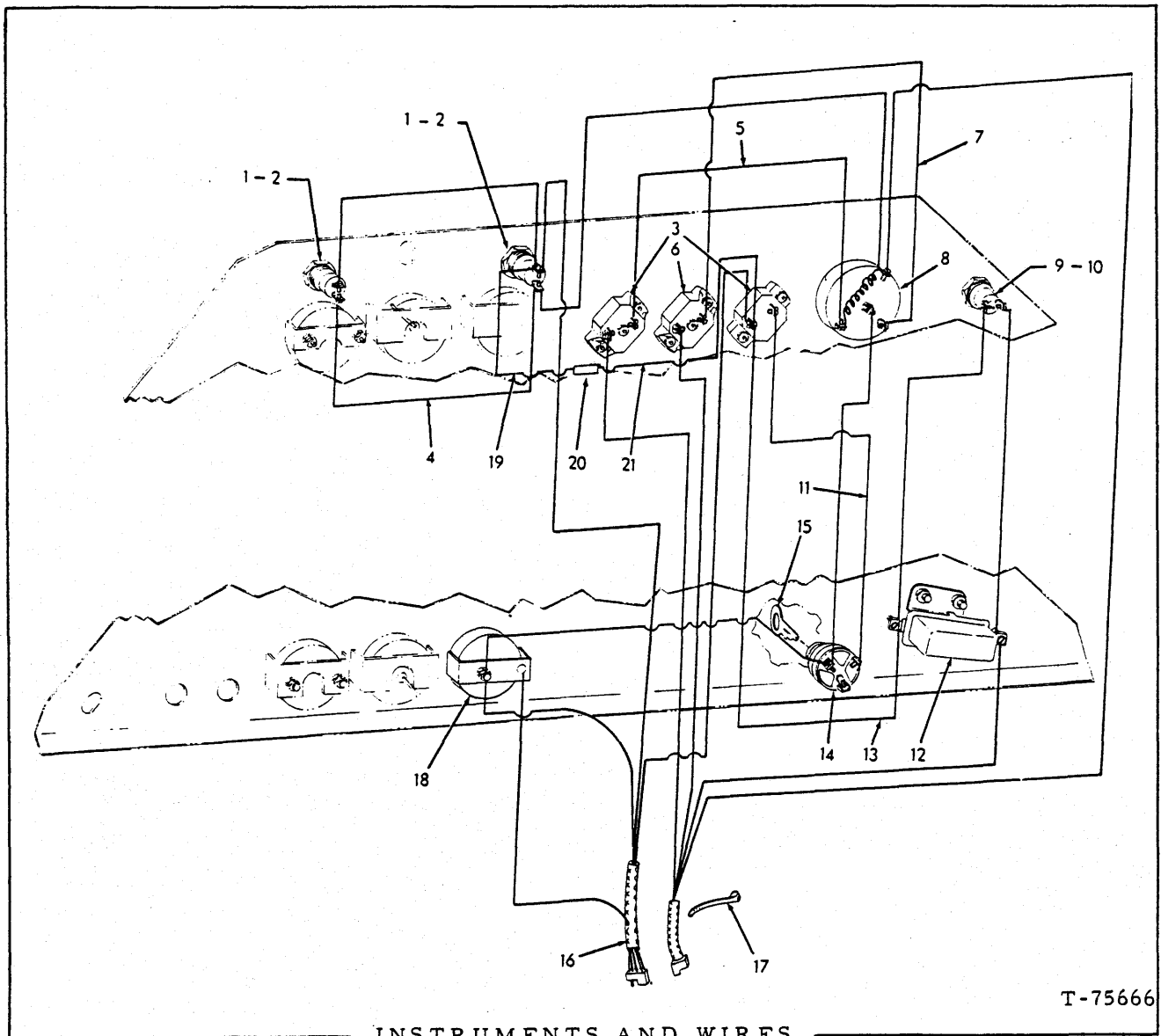
INSTRUMENT PANEL AND WIRING (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
7	73106103	1	WIRE ASSY.
8	73051163	1	LIGHT
9	73034566	1	BULB
10	73048694	1	GAUGE, transmission temperature (Includes LINE and BULB serviced as a unit)
11	73048642	1	GAUGE, fuel
12	73055671	1	GAUGE, clutch pressure
	70901702	1	TEE, pipe, 1/8"
	70919134	1	PLUG, pipe, hex. hd., 1/8" PT
	73100170	1	SNUBBER (Not Illustrated)(at Transmission)
13	73048712	1	TUBE
	70925161	2	CONNECTOR, male, 3/16" tube, 1/8" PT (Includes 1 SLEEVE 70927257)
14	-----	2	LIGHT, panel (See DASH LIGHT)
15	70658881	1	METER, engine hour NOTE: Meter carries manufacturer's warranty and in case of failure should not be returned to Fiat-Allis. Return "Hobbs" meter to nearest "Stewart-Warner" agency. Return "Hamilton" meter to Hamilton Watch Company, Industrial Products Division, Lancaster, PA.
16	70066467	1	DAMPER
	70922928	3	SCREW, rd. hd., #6 NC x 1/2"
	73104953	1	SPACER (Not Illustrated)
	70917437	3	SCREW, rd. hd., #6 NC x 3/4"
17	73106100	1	WIRE ASSY.
18	70658293	1	GAUGE, engine oil pressure
19	73048714	1	TUBE, engine oil pressure
	70925161	1	CONNECTOR, male, 3/16" tube, 1/8" PT (Includes 1 SLEEVE 70927257)(at engine)
20	73048692	1	GAUGE, engine temperature
21	73058073	1	SWITCH
	-----	1	KEY, ignition (Obtain Locally)
	70917365	3	LOCKWASHER, spring, #10
	70917415	3	NUT, #10 - 32
22	73043730	1	WIRE ASSY.
23	-----	1	SWITCH, light (See INSTRUMENT PANEL & ELECTRICAL COMPONENTS)
24	73044706	2	BREAKER, circuit (10 amp.)
	70917443	4	SCREW, machine #8 NC x 3/4"
	70917395	4	LOCKWASHER, #8
	70917385	4	NUT, #8 NC
25	73048969	1	WIRE ASSY.
26	73044711	1	WIRE ASSY.
27	73044709	1	WIRE ASSY.
28	73048619	1	AMMETER
29	70161824	1	BREAKER, circuit (15 amp.)
	70917443	2	SCREW, machine, #8 NC x 3/4"
	70917395	2	LOCKWASHER, #8
	70917385	2	NUT, #8 NC
30	73103961	1	HARNESS

(Continued)

INSTRUMENT PANEL AND WIRING (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
31	73044015	1	CLIP
32	73105125	1	DIODE ASSY.
33	73105338	1	WIRE ASSY.
34	73105337	1	WIRE ASSY.
35	73046759	-	TRIM, plastic (25 ft. roll - use as required)



INSTRUMENTS AND WIRES

T-75666

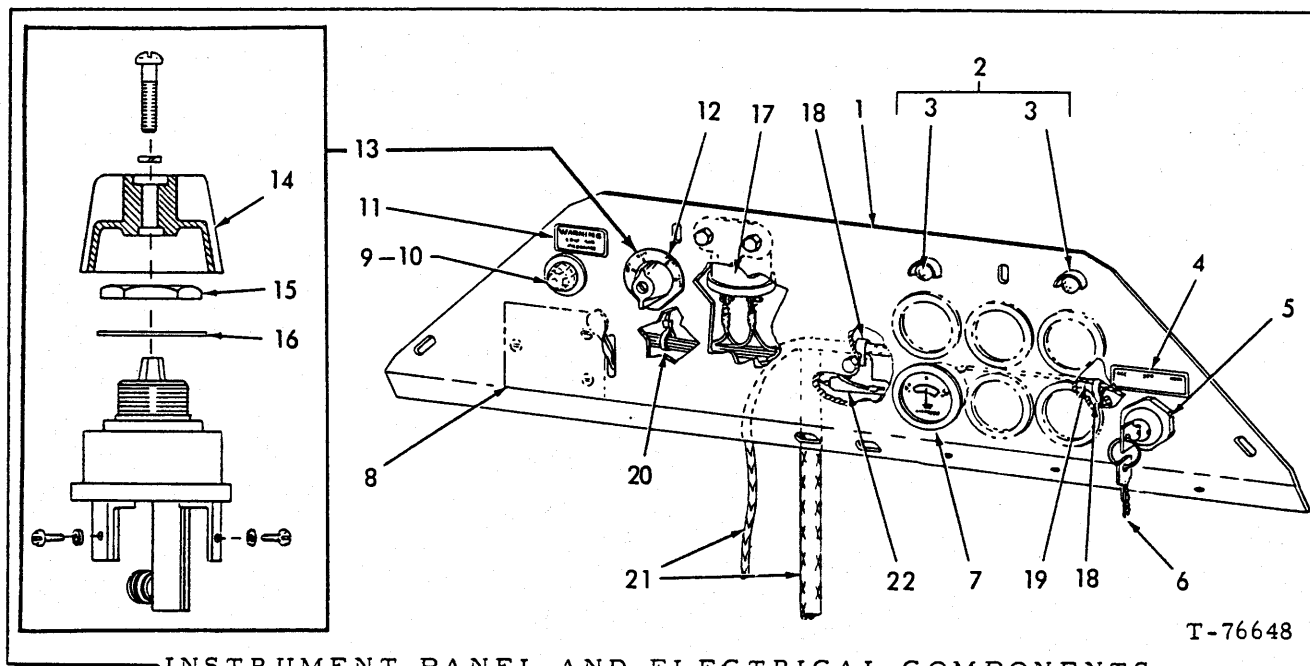
USAGE: Used with loader serial no. 96M02202 thru 96M02700 and prior to 23C02701

ITEM	PART NO.	QTY.	DESCRIPTION
1	73021334	2	LIGHT ASSY. (See DASH LIGHT)
2	-----	2	BULB (24 volt, 17 amp. bayonet type)(See DASH LIGHT)
3	73044706	2	BREAKER
	70917443	4	SCREW, machine, #8 NC x 3/4"
4	73054731	1	WIRE ASSY.
5	73044709	1	WIRE ASSY.
6	70161824	1	BREAKER
	70917443	2	SCREW, machine #8 NC x 3/4"
	70917395	2	LOCKWASHER, #8
	70917385	2	NUT, #8 NC
7	73044711	1	WIRE ASSY.
8	73031735	1	SWITCH ASSY.

(Continued)

INSTRUMENTS AND WIRES (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
9	73034558	1	LIGHT ASSY.
10	73034566	1	BULB
11	73048969	1	WIRE ASSY.
12	73034250	1	BUZZER
	70925369	2	SCREW, machine, #10 NC x 5/8"
	70904203	2	LOCKWASHER, #10
	70917415	2	NUT, #10 NC
	70910243	2	WASHER, plain, SAE std., #10
13	73053325	1	WIRE ASSY.
14	73058073	1	SWITCH (Includes item 15)
	70917415	3	NUT, #10 - 32
	70917365	3	LOCKWASHER, spring #10
15	73046558	1	KEY
16	73055281	1	HARNESS
17	73044015	2	CLIP
18	73048619	1	AMMETER ASSY.
19	73105338	1	WIRE ASSY.
20	73105125	1	DIODE
21	73105337	1	WIRE ASSY.



INSTRUMENT PANEL AND ELECTRICAL COMPONENTS

Effective with loader serial no. 96M02701, 23C02701

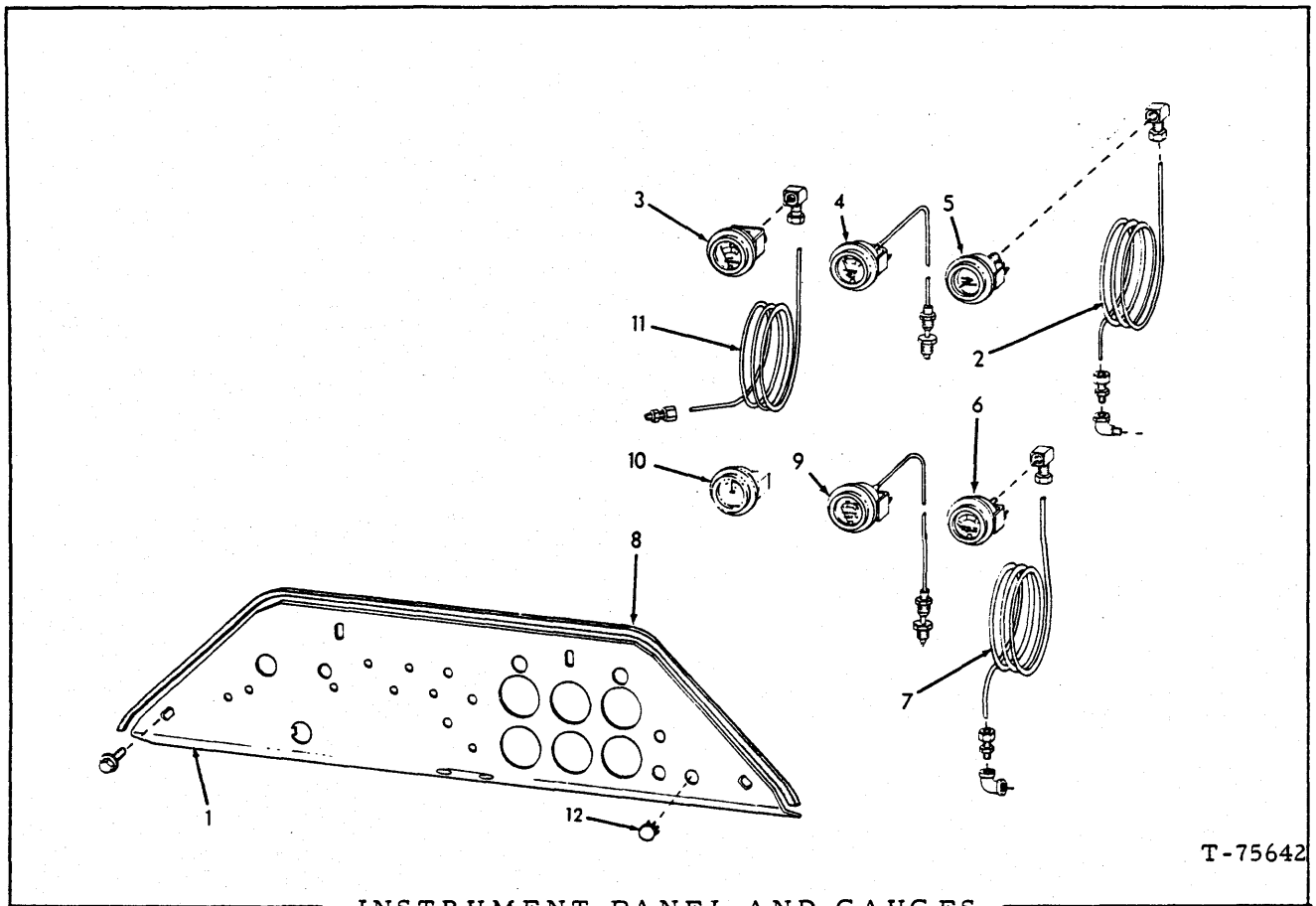
ITEM	PART NO.	QTY.	DESCRIPTION
1	-----	1	See INSTRUMENT PANEL AND GAUGES
2	73021334	2	LIGHT ASSY., panel (Includes item 3)
3	73050937	2	BULB, light assy. (24V, 17 Amp)
4	73058026	1	DECAL
5	73058073	1	SWITCH, key (Includes item 6)
	70917365	3	LOCKWASHER, #10
	70917415	3	NUT, #10 NF
6	70231713	2	KEY
7	73048619	1	AMMETER ASSY.
8	-----	1	See EMERGENCY BRAKE CONTROL GROUP
9	73034558	1	LIGHT ASSY., warning (No bulb)
10	73034566	1	BULB
11	73050281	1	DECAL
12	73057505	1	PLATE
13	73057960	1	SWITCH, light (Includes items 14, 15, and 16 and items indented below)
	70917393	5	SCREW, #8 NC x 3/8"
	70917395	5	LOCKWASHER, #8
14	73058917	1	KNOB
	70928595	1	SCREW, #8 NC x 5/8"

(Continued)

INSTRUMENT PANEL AND ELECTRICAL COMPONENTS (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
15	73058919	1	NUT, light switch, 11/16" NC
16	70922088	1	WASHER, plain, 11/16"
17	73057952	1	BUZZER
	70923341	2	CAPSCREW, 1/4" NC x 3/4"
	70916964	2	LOCKWASHER, 1/4"
	70916622	2	NUT, 1/4" NC
18	73058052	3	CLIP, wiring harness support
	70925369	1	SCREW, rd. hd. #10 NF x 5/8"
	70917415	1	NUT, #10 NF
	70917365	1	LOCKWASHER, #10
19	73057436	1	WIRE ASSY., switch to ammeter
20	70925094	2	CLIP
21	-----	-	See ELECTRICAL SYSTEM
22	70926908	1	BUTTON

"ALWAYS GIVE MODEL AND SERIAL NUMBER WHEN ORDERING PARTS"



T-75642

INSTRUMENT PANEL AND GAUGES

USAGE: Effective with loader serial no. 96M02202, 23C02248

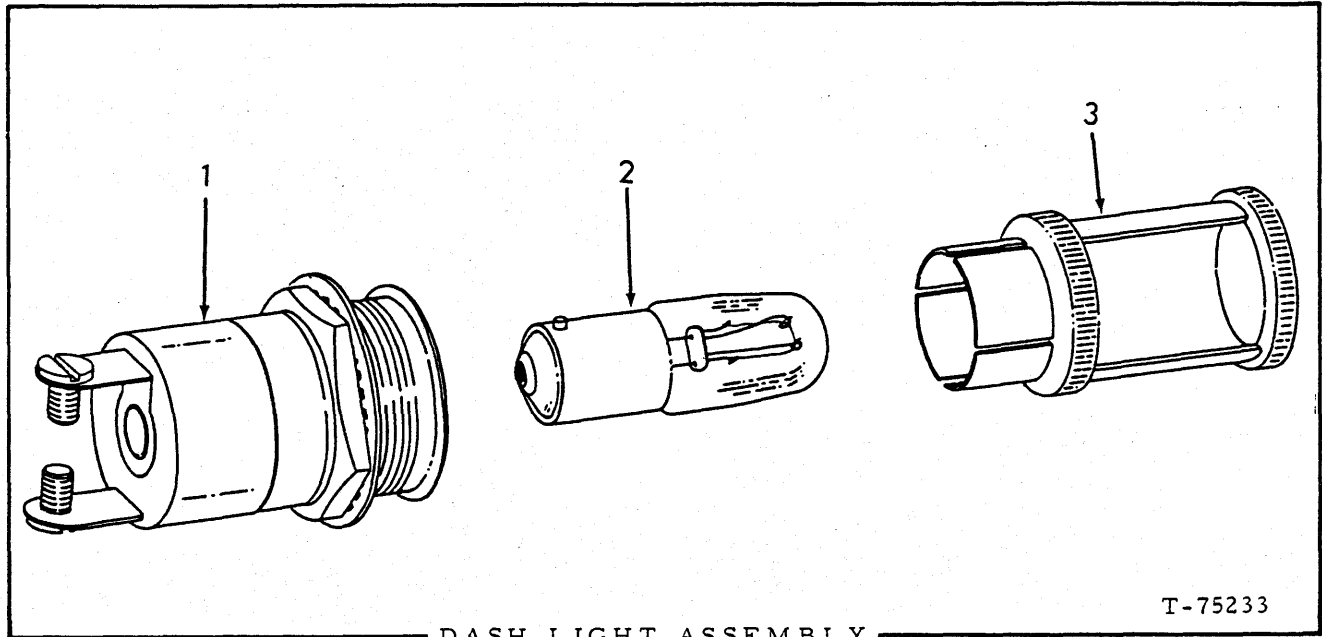
ITEM	PART NO.	QTY.	DESCRIPTION
1	73054706	1	PANEL (Used prior to loader serial no. 2701)
	73057504	1	PANEL (Effective with loader serial no. 2701)
	70923683	4	CAPSCREW, 3/8" NC x 3/4" (self-tapping)
2	73048712	1	TUBE
	70925093	1	ELBOW, compression type, 3/16" tube, 3/8" NPT female (gauge end)(Includes 1 SLEEVE 70927257)
	70925161	1	CONNECTOR, compression type, 3/16" tube, 3/8" NPT male (tank end)
	73100170	1	SNUBBER
3	73048635	1	GAUGE ASSY., pressure, air
4	73048694	1	GAUGE ASSY., temperature, converter
5	73055671	1	GAUGE ASSY., pressure, transmission
6	70658293	1	GAUGE ASSY., pressure, engine oil
7	73048714	1	TUBE
	70925093	1	ELBOW, compression type, 3/16" tube, 3/8" NPT female (gauge end)(Includes 1 SLEEVE 70927257)
	70925161	1	CONNECTOR, compression type, 3/16" tube, 3/8" NPT male (engine end)
	70907059	1	ELBOW, street, 90°, 1/8" NPT
8	-----	1	TRIM (plastic)(Order 41" of part no. 73050105)(See NOTE)
9	73048692	1	GAUGE ASSY., temperature, engine coolant

(Continued)

INSTRUMENT PANEL AND GAUGES (Continued)

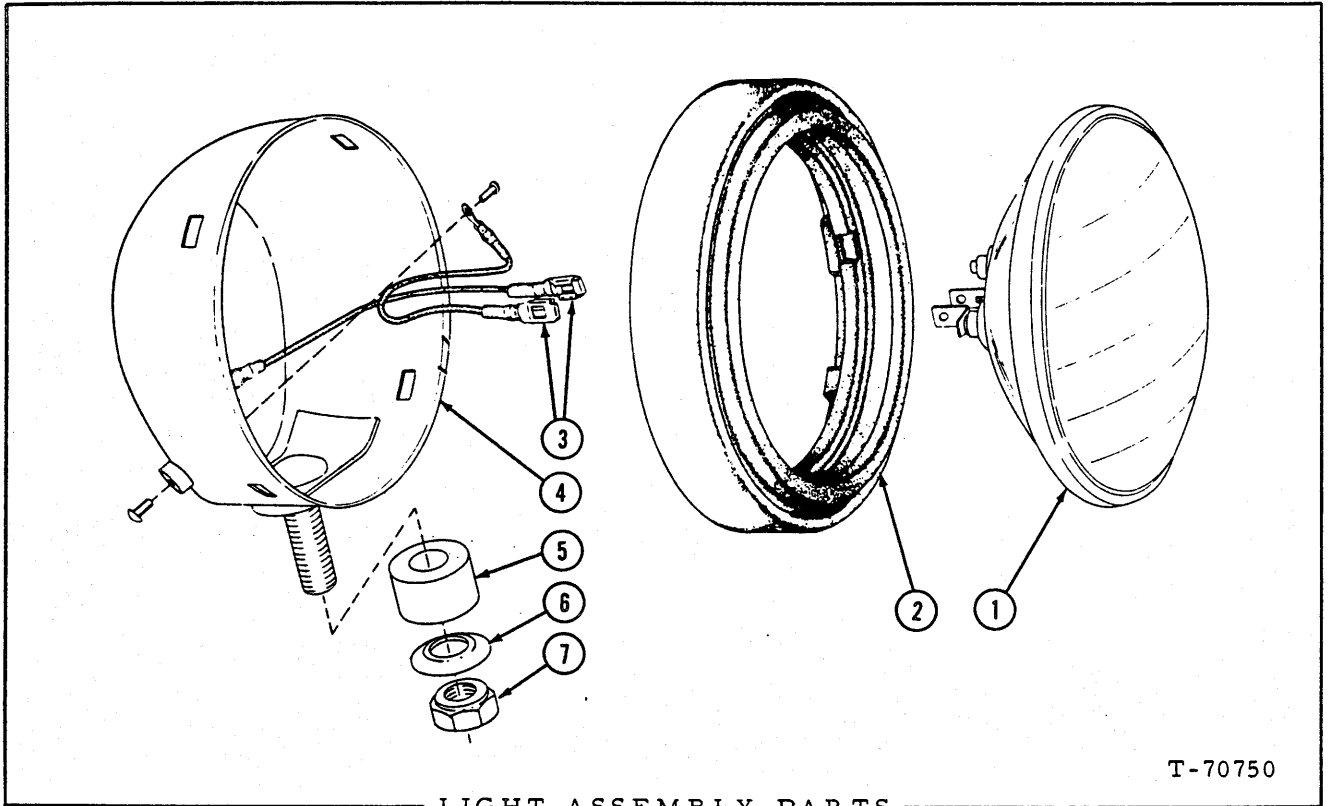
ITEM	PART NO.	QTY.	DESCRIPTION
10	-----	-	AMMETER, See INSTRUMENTS & WIRES
11	73100171	1	TUBE (Used prior to loader serial no. 96M02604)
	70925093	1	ELBOW, compression type, 3/16" tube, 1/8" NPT female (Gauge end)(Includes 1 SLEEVE 70927257)
	70910126	1	CONNECTOR, compression type, 3/16" tube, 1/8" NPT
	70901838	1	REDUCER, 3/8" to 1/8" NPT
	73059078	1	TUBE, 3/16" O. D. x 58" long (Effective with loader serial no. 96M02604)
	70928474	1	ELBOW, compression type 3/16" tube, 1/8" NPT male (Not Illustrated)
	70901834	1	BUSHING, 1/4" to 1/8" NPT (Not Illustrated)
	70925093	1	ELBOW, compression type 3/16" x 1/8" NPT female
12	70921113	1	PLUG

NOTE: The factory will furnish 25 foot rolls of plastic trim.
Dealer will furnish cut length or 25 foot rolls.



NOTE: Quantity is sufficient for one light only.
 USAGE: See INSTRUMENT PANEL AND WIRING

ITEM	PART NO.	QTY.	DESCRIPTION
-	73021334	1	LIGHT ASSY. (Includes items 1 thru 3)
1	-----	1	BASE ASSY. (Not Serviced Separately - Order complete assy.)
2	73040937	1	BULB, single contact, 3.5 C. P., 24 volt
3	73037183	1	SHIELD



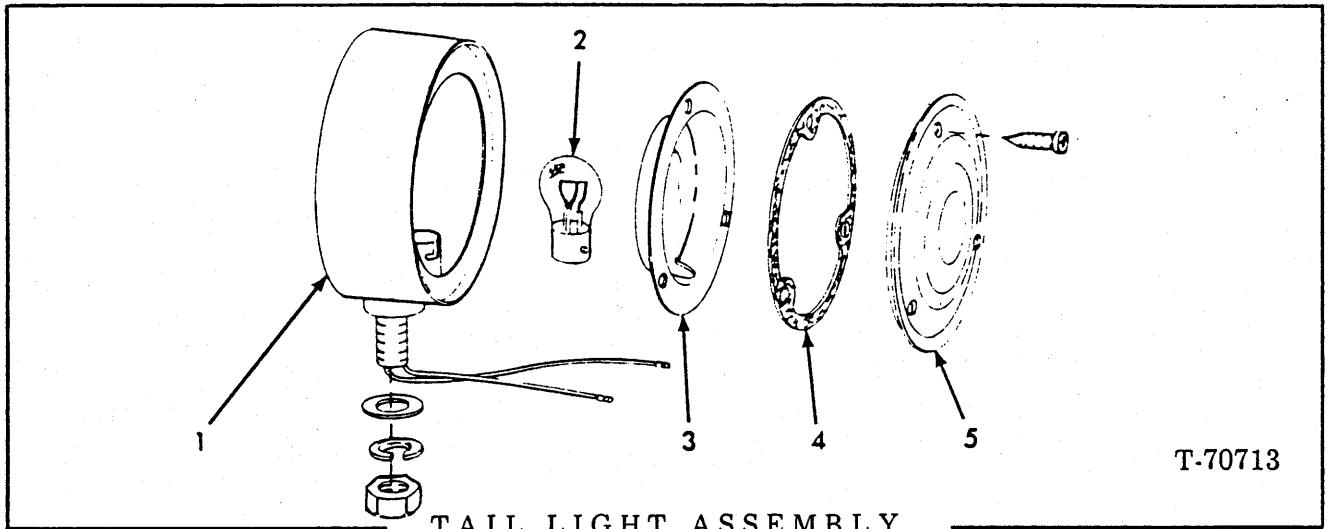
T-70750

LIGHT ASSEMBLY PARTS

USAGE: * FLOOD LIGHT ASSEMBLY 70621429
 ** HEAD LIGHT ASSEMBLY 73044810
 *** FLOOD LIGHT ASSEMBLY 73059873 (ROPS CAB AND CANOPY) Special Equip.

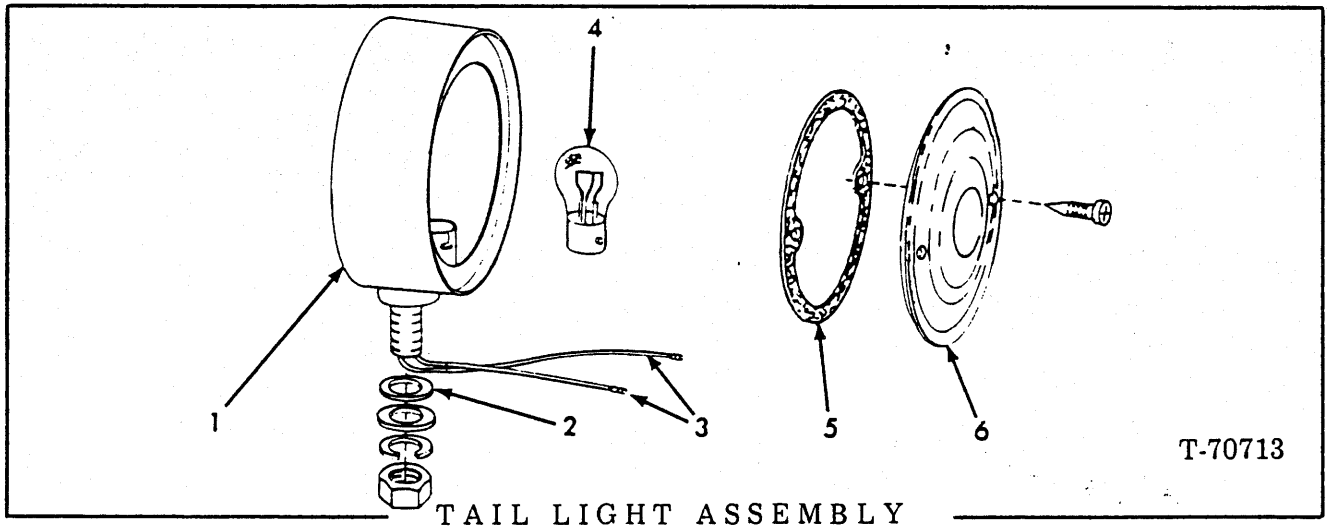
NOTE: Quantity shown is for one light only.
 See page 215 and 222d

ITEM	PART NO.	QTY.	DESCRIPTION
		* ** ***	
1	70182763	1 - -	SEALED BEAM (24 volt)
	73046497	- 1 -	SEALED BEAM (24 volt)
	73061207	- - 1	SEALED BEAM (24 volt)
2	70621428	1 1 -	RETAINER
	70621821	- - 1	RETAINER
3	70621724	2 2 -	CABLE, sealed beam (Includes terminals)
	70912731	1 1 -	SCREW, machine, #8 NC x 5/16"
4	73061208	- - 1	SHELL ASSY.
	-----	1 1 -	BODY ASSY. (Not serviced separately)
	70912731	1 1 -	SCREW, machine, #8 NC x 5/16"
5	71006992	- - 1	BUSHING
6	73061210	- - 1	WASHER
7	70919440	- - 1	NUT, safety, 1/2" NF



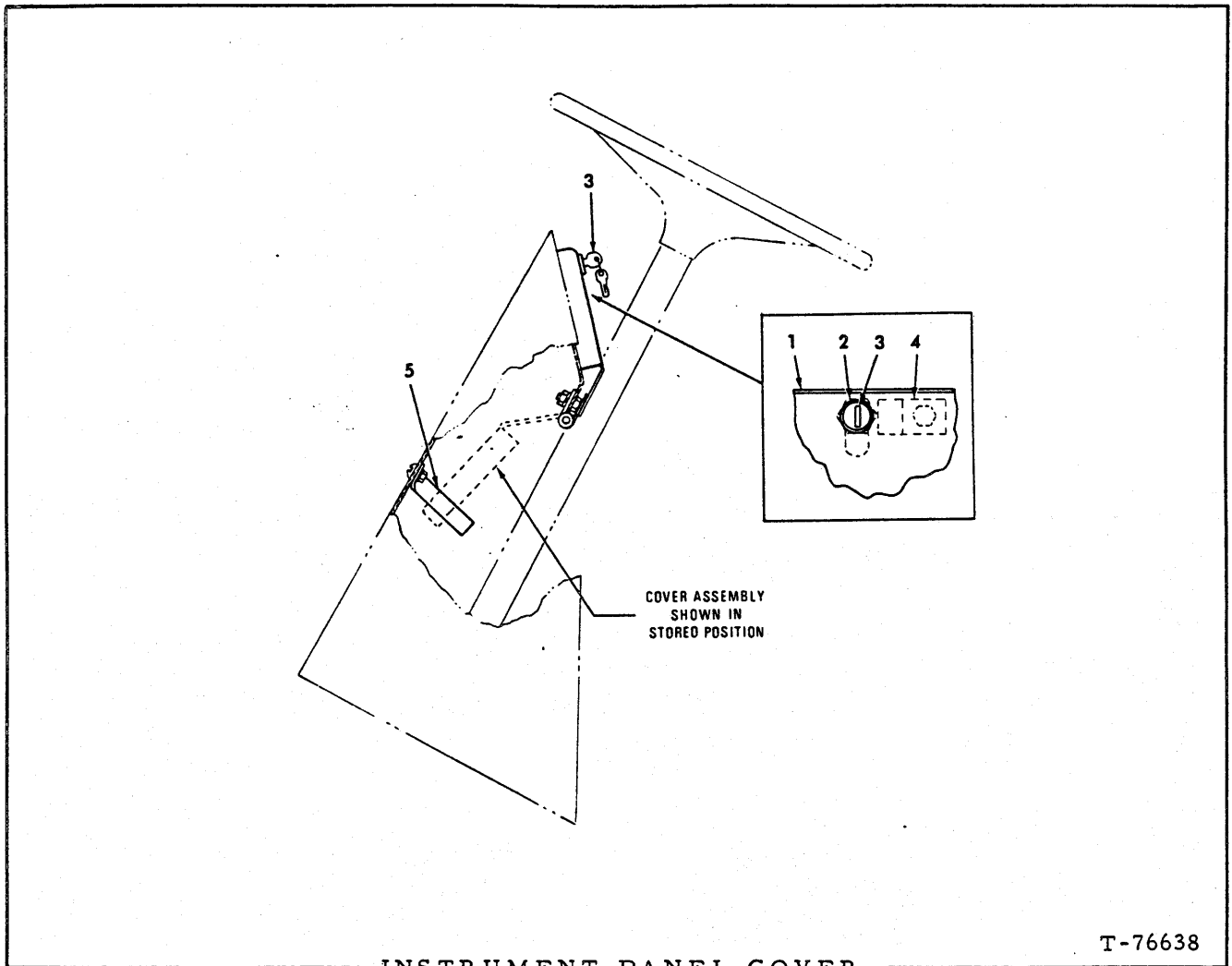
USAGE: First Type — Uses 3 Lens Mounting Screws

ITEM	PART NO.	QTY.	DESCRIPTION
-	-----	1	LIGHT ASSY. } (Order Second Type LIGHT ASSY.)
1	-----	1	BODY ASSY. }
2	73039643	1	BULB, 24 volt
3	73036242	1	REFLECTOR
4	73036241	1	GASKET
5	73036240	1	LENS



USAGE: Second Type — Uses 2 Lens Mounting Screws.

ITEM	PART NO.	QTY.	DESCRIPTION
-	73069238	1	LIGHT ASSY. (Includes items 1 thru 6)
-	70906985	1	WASHER, 7/16"
-	70914678	1	LOCKWASHER, 7/16"
-	70912201	1	NUT, 7/16" NC
1	-----	1	BODY (Order LIGHT ASSY.)
2	73069241	1	PAD
3	73069240	1	WIRE ASSY. (Includes terminals)
4	73039643	1	BULB, 24 volt
5	73069196	1	GASKET
6	73069239	1	LENS

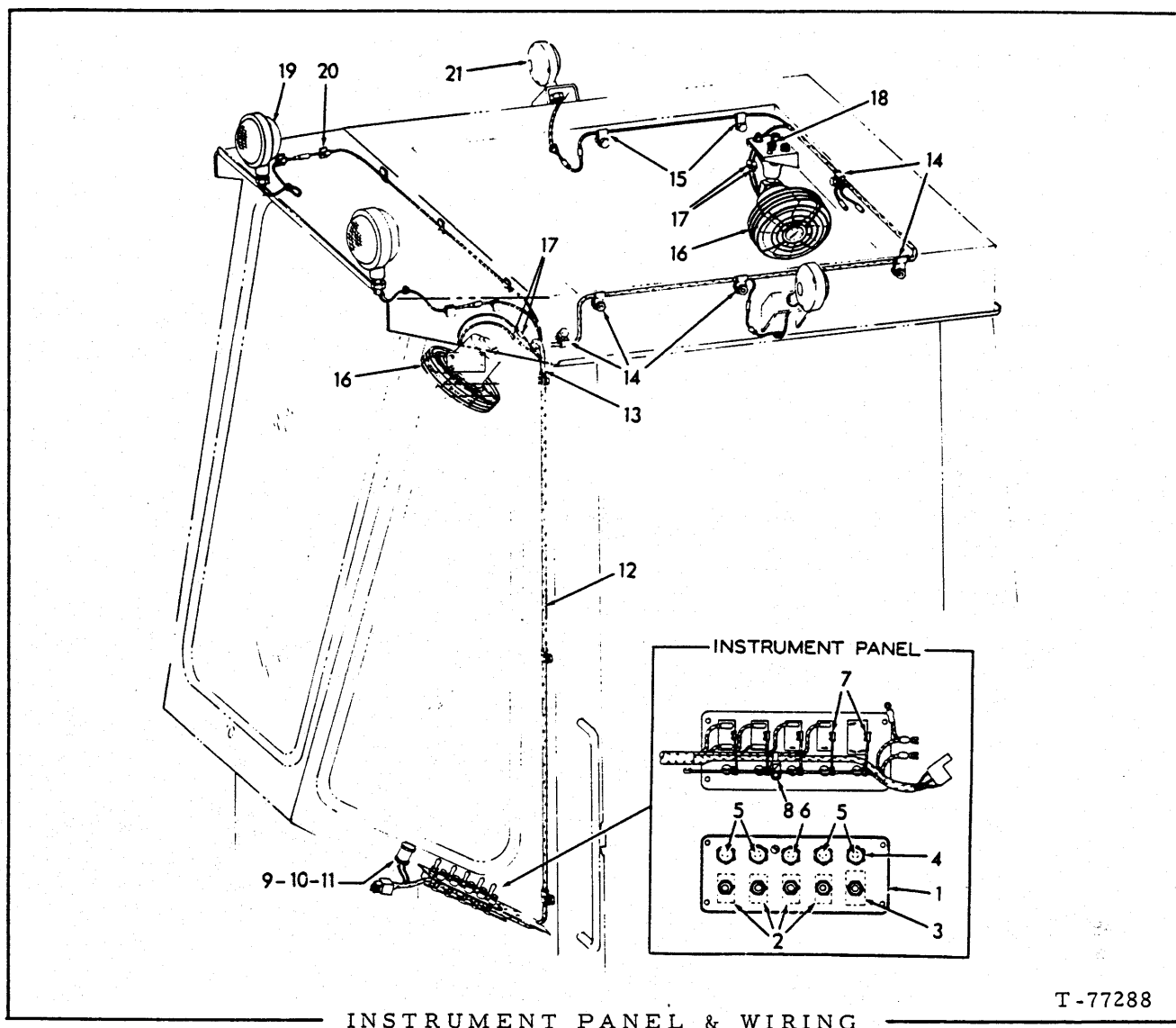


INSTRUMENT PANEL COVER
(Vandalism Protection)

T-76638

USAGE: Special Equipment (Effective with loader serial no. 23C02701)

ITEM	PART NO.	QTY.	DESCRIPTION
1	73057512	1	COVER ASSY. (Serviced only as a unit)
	70916284	3	CAPSCREW, 1/4" NC x 1/2"
	70916622	3	NUT, 1/4" NC
	70904204	3	LOCKWASHER, 1/4"
2	73058015	1	LOCK ASSY. (Includes item 3)
3	73058910	2	KEY
4	73057642	1	TAB
5	73058056	1	STRIP, cover support for storing
	70916079	2	SCREW, #10 NC x 3/8"
	70901310	2	NUT, #10 NC
	70904203	2	LOCKWASHER, #10



INSTRUMENT PANEL & WIRING
(ROPS CAB)

T-77288

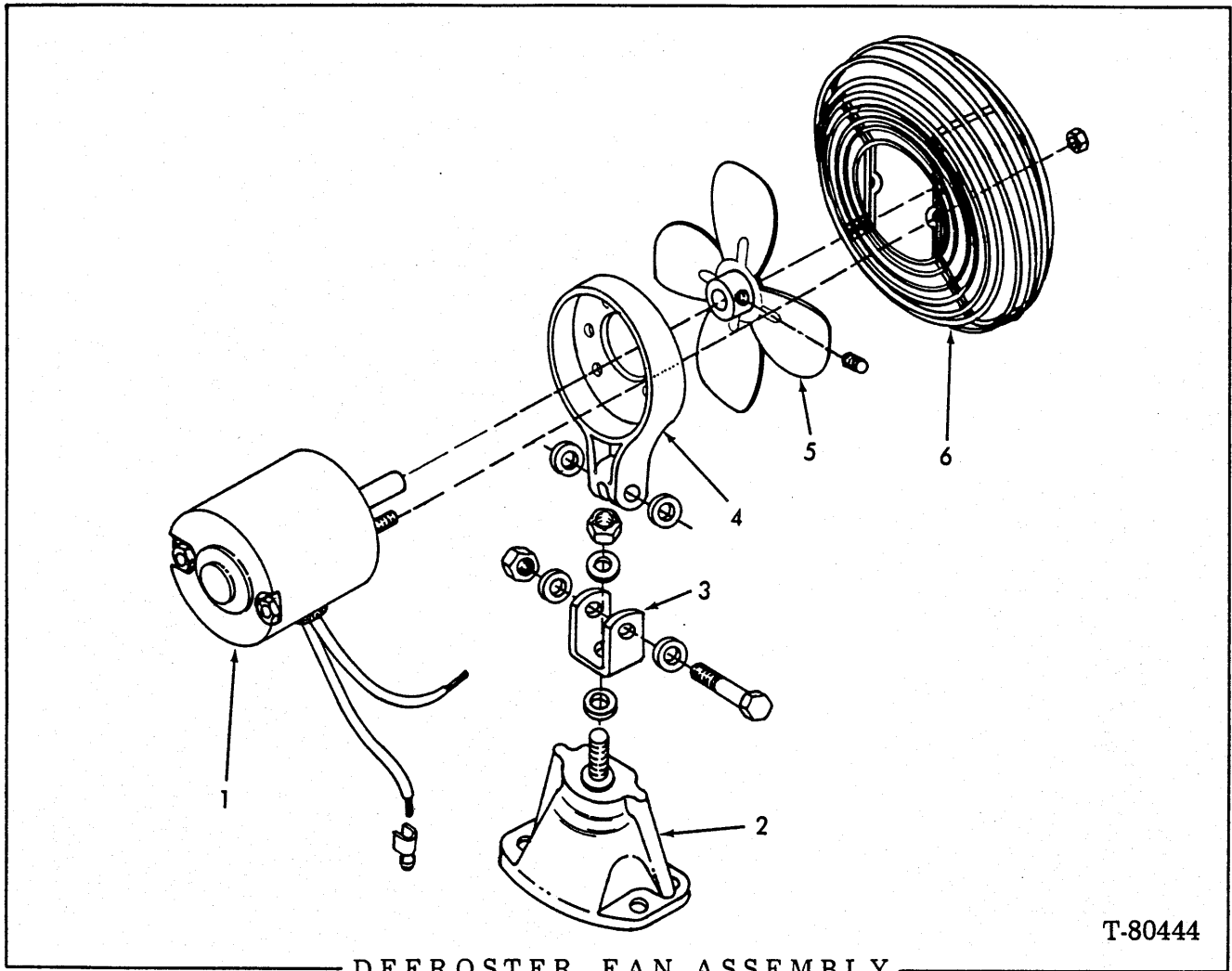
ITEM	PART NO.	QTY.	DESCRIPTION
1	73059890	1	PANEL
	70925369	4	SCREW, #10 NF x 5/8"
	70909055	4	LOCKWASHER, #10 (INT. TOOTH)
	70917415	4	NUT, #10 NF
2	73059891	4	SWITCH (Includes hex nut and round nut)
3	73059893	1	SWITCH (Includes hex nut and round nut)
4	74791157	5	HOLDER
5	73040013	4	FUSE, 3 amp.
6	73059920	1	FUSE, 10 amp.

(Continued)

INSTRUMENT PANEL & WIRING (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
7	73059894	5	WIRE
8	73058052	2	TIE
	70925369	2	SCREW, #10 NF x 5/8"
	70909055	2	LOCKWASHER, #10 (Internal Tooth)
	70917415	2	NUT, #10 NF
9	73021334	1	DASHLIGHT, (Includes items 10 and 11)
10	73040937	1	BULB, (24 volt)
11	73037183	1	SHIELD
12	73059919	1	HARNESS
13	70925615	3	CLIP
	70916284	3	CAPSCREW, 1/4" NC 1/2"
	70900816	3	WASHER, plain, 1/4"
	70904204	3	LOCKWASHER, 1/4"
14	70928931	5	CLIP (Harness, left side & rear)
	70916284	5	CAPSCREW, 1/4" NC x 1/2"
	70900816	5	WASHER, plain, 1/4"
	70904204	5	LOCKWASHER, 1/4"
15	70928176	2	CLIP, (Harness, right side)
	70916284	2	CAPSCREW, 1/4" NC x 1/2"
	70900816	2	WASHER, plain, 1/4"
	70904204	2	LOCKWASHER, 1/4"
-	73059888	-	DEFROSTER FAN GROUP (Includes items 16 thru 18) (Special Equipment)
16	73059875	2	FAN ASSY., (24 volt) (See page 420a)
	70926308	4	CAPSCREW, #10 NF x 3/4" (Front Fan)
	70925369	4	CAPSCREW, #10 NF x 5/8"
	70923212	8	WASHER, plain, #10
	70917365	8	LOCKWASHER, #10
	70917415	4	NUT, #10 NF (Rear Fan)
17	73052008	4	TERMINAL, male bullet.
18	73045633	1	GROMMET
-	73059879	-	FLOOD LIGHT GROUP (Includes items 19 and 20) (Special Equipment)
19	73059873	2	LIGHT, Flood (24 volt) (See LIGHT ASSY. PARTS)
20	73059884	7	CLIP
21	-----	2	LIGHT ASSY., Turn signal (See TURN SIGNALS - ROPS-Special Equipment)

"ALWAYS GIVE MODEL AND SERIAL NUMBER WHEN ORDERING PARTS"

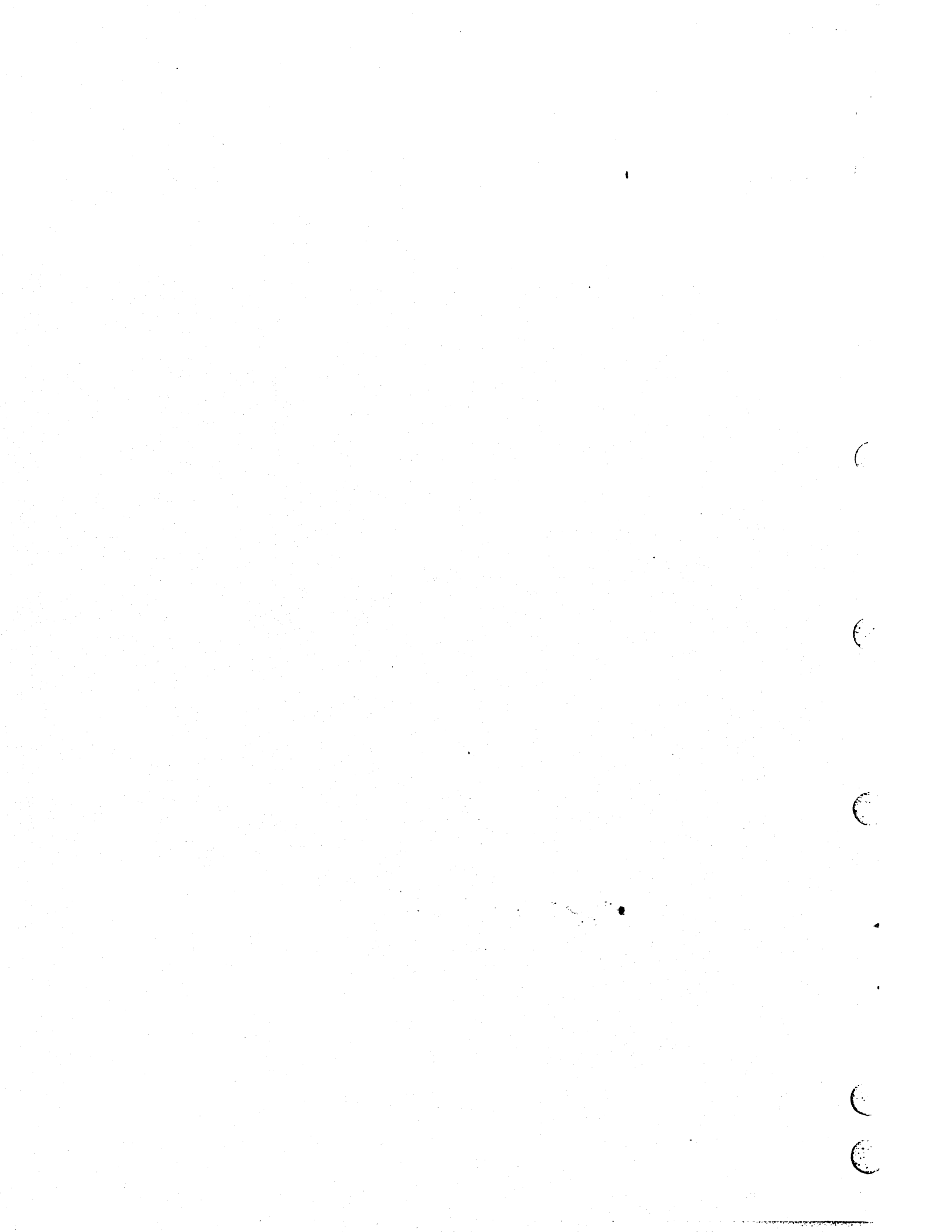


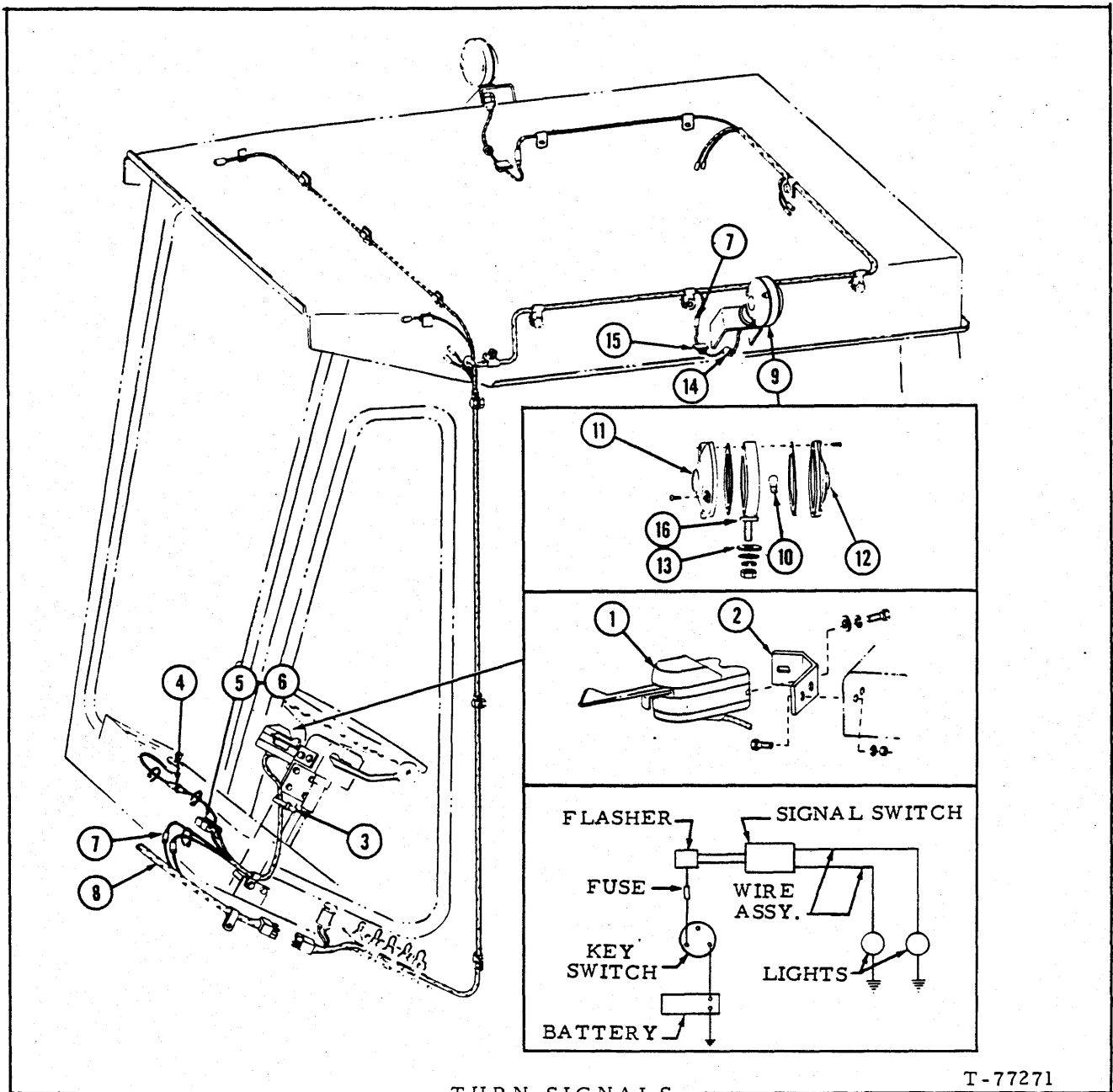
T-80444

DEFROSTER FAN ASSEMBLY

USAGE: Effective with ROPS CAB. See page 419

ITEM	PART NO .	QTY.	DESCRIPTION
-	73059875	1	FAN ASSY. (Includes item 1 thru 6)
1	73069010	1	MOTOR, 24V
	73052008	2	TERMINAL
2	73069015	1	BASE
3	73069004	1	U-BRACKET
	70932844	1	WASHER, nylon, 13/32"
	70900816	1	WASHER, plain, 1/4"
	70922932	1	LOCKNUT, 5/16" NF
4	73069020	1	BRACKET, motor mtg.
	70929008	1	CAPSCREW, 1/4" NF x 1-3/4"
	70929932	1	WASHER, 13/64"
	70921702	1	LOCKNUT, 1/4" NF
5	73069007	1	FAN
	70917570	1	SETSCREW, no. 10 NF x 1/4"
6	73069011	1	GUARD
	70928919	2	NUT, no. 10 (Includes washer)





TURN SIGNALS
(ROPS CAB)

T-77271

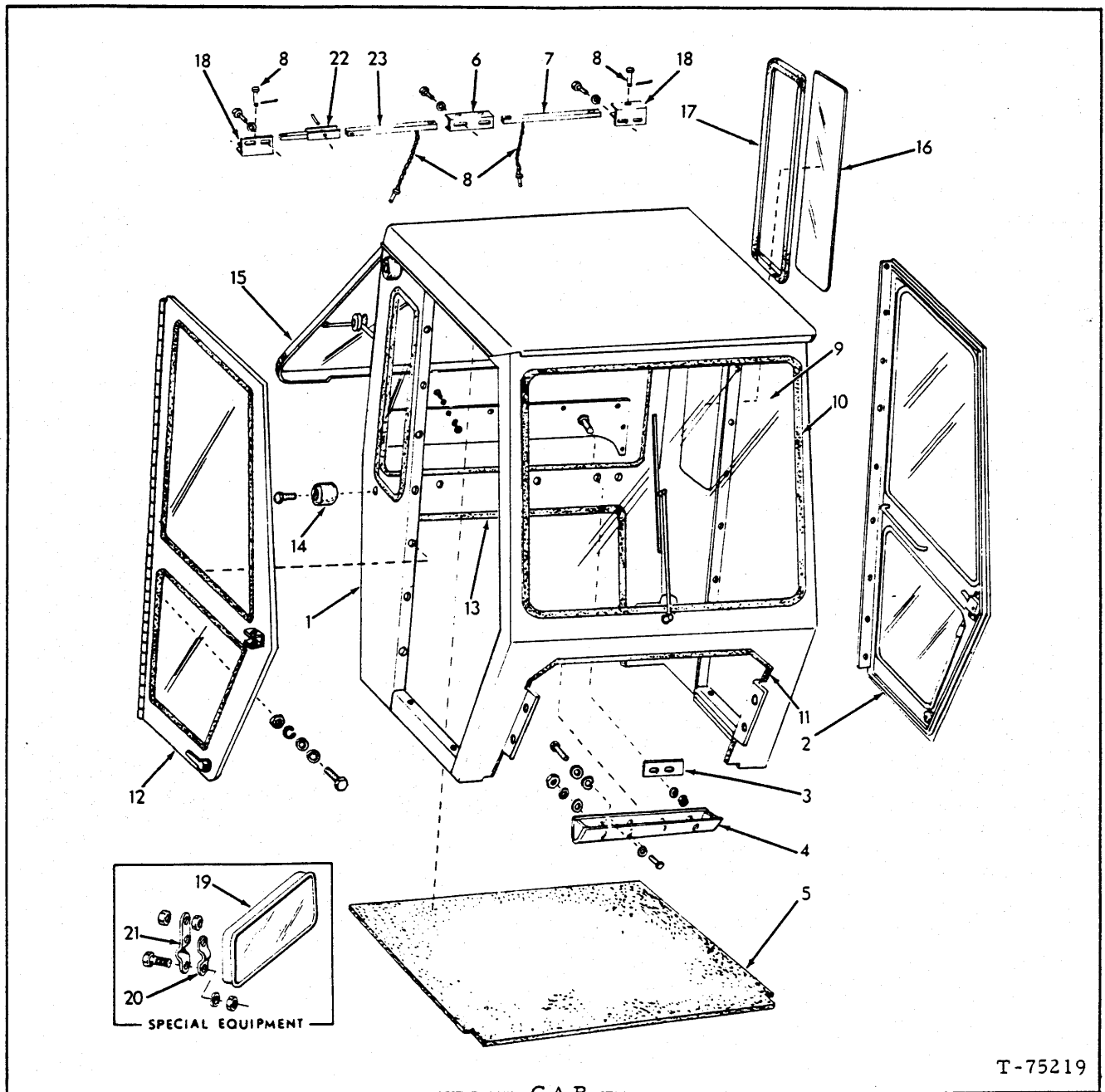
USAGE: Special Equipment

ITEM	PART NO.	QTY.	DESCRIPTION
1	73058712	1	SWITCH ASSY. (Includes BULB, items 4 & 5 and STRAP)
	73057142	1	HARDWARE PARTS REPLACEMENT
	70917443	2	SCREW, #8 NC x 3/4"
	70917395	2	LOCKWASHER, #8
	70923906	2	WASHER, plain
	70929158	1	BULB, indicator (24 volt)
	70926919	1	CLIP (Secure harness to steering column)

(Continued)

TURN SIGNAL (Continued)
(ROPS CAB)

ITEM	PART NO.	QTY.	DESCRIPTION
2	73058298	1	BRACKET
	70923341	2	CAPSCREW, 1/4" NC x 3/4"
	70904204	2	LOCKWASHER, 1/4"
	70916622	2	NUT, 1/4" NC
3	70925094	5	CLIP, plastic (to secure wire harness)
4	73058879	1	FUSE, 14 amp. (between flasher and key switch)
5	73058880	1	FLASHER
6	73055535	1	STRAP
	70917452	2	SCREW, #10 x 1/2"
	70917415	2	NUT, #10
	70917365	2	LOCKWASHER, #10
	70923212	2	WASHER, plain, #10
7	73052008	4	TERMINAL
8	73061022	1	WIRE HARNESS (Used prior to loader serial no. 96M02700 and 23C02700)
9	73058713	2	LIGHT ASSY., turn signal (Includes hardware indented below and items 10 thru 13 and 16)
	70911043	2	NUT, 1/2" NC
	70904208	2	LOCKWASHER, 1/2"
	70913697	2	WASHER, plain, 1/16"
10	70929157	2	BULB, (24 v.)
11	73055537	2	LENS KIT, amber (Includes gasket and 3 screws)
12	73055536	2	LENS KIT, red (Includes gasket and 3 screws)
13	73056676	2	WASHER
14	73059832	2	PLUG
15	73059884	2	CLIP
16	-----	2	BODY (Order item 9)



USAGE: Special Equipment -Used prior to ROPS cab

ITEM	PART NO.	QTY.	DESCRIPTION
1	-----	1	CAB ASSY. (Includes Door) (See Machinery Manual)
	70916269	8	CAPSCREW, 3/8" NC x 7/8"
	70911115	16	WASHER, plain, SAE std., 3/8"
	70910287	8	LOCKWASHER, 3/8"
	70910324	8	NUT, 3/8" NC
	70916311	8	CAPSCREW, 1/2" NC x 1-1/4"
	70910244	16	WASHER, plain, SAE std., 1/2"
	70912441	8	LOCKWASHER, 1/2"
	70910325	8	NUT, 1/2"

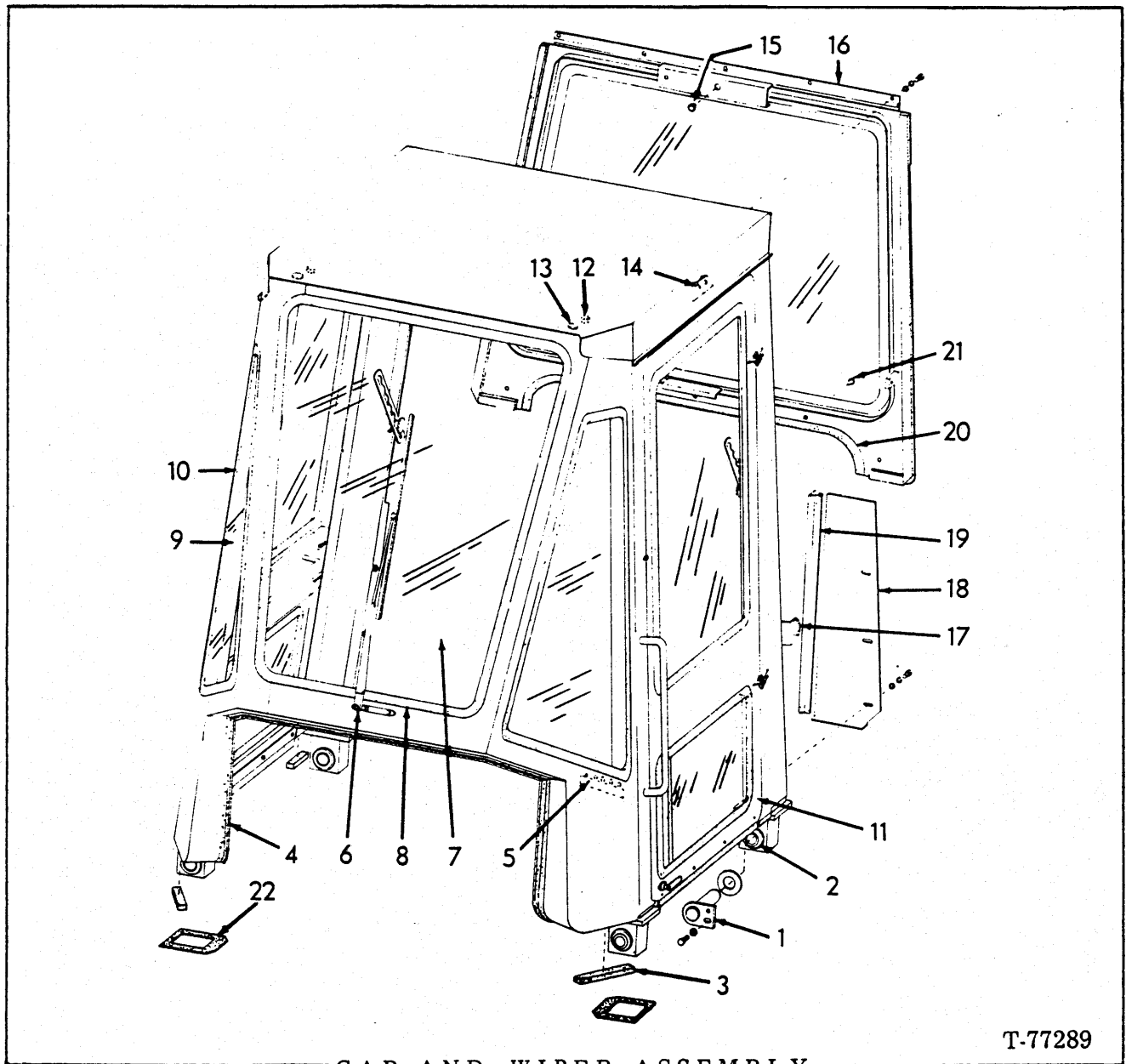
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C A B (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
2	-----	1	DOOR ASSY. (See page 427)
3	73050730	3	PLATE
4	{ 73050729	1	ANGLE, front mounting (First type)
	{ 73057221	1	BRACKET, front mounting (Second type)
	70903775	4	CAPSCREW, 3/8" NC x 7/8"
	70911115	4	WASHER, plain, SAE std., 3/8"
	70904206	4	LOCKWASHER, 3/8"
5	73050723	1	INSULATION
6	73050725	1	BRACKET
	70923701	2	CAPSCREW, 3/8" NC x 2"
	70911115	4	WASHER, plain, SAE std., 3/8"
	70904206	2	LOCKWASHER, 3/8"
	70916950	2	NUT, 3/8" NC
7	73051832	1	TUBE ASSY.
8	73054320	3	PIN
9	-----	1	GLASS (Part No. 73057720)(See NOTE below)
10	73050722	1	STRIP
11	{ 73050718	1	GASKET, front cowl (First type)
	{ 73057230	1	GASKET, front cowl (Second type)
12	-----	1	DOOR ASSY. (See page 427)
13	73050719	1	GASKET, (rear cowl)
14	73050724	4	BUMPER
15	-----	1	WINDOW, rear (See page 431)
16	-----	2	GLASS (Part No. 73050726)(See NOTE below)
17	73050727	2	STRIP
18	73050728	2	BRACKET, left and right
	70903775	4	CAPSCREW, 3/8" NC x 7/8"
	70911115	8	WASHER, plain, SAE std., 3/8"
	70904206	4	LOCKWASHER, 3/8"
	70916950	4	NUT, 3/8" NC
19	70181845	1	MIRROR ASSY. (Includes item 20 and 21)
20	70182092	2	CLAMP
	70916400	4	CAPSCREW, 1/4" NF x 3/4"
	70906958	4	LOCKWASHER, int. tooth, 1/4"
	70910337	4	NUT, 1/4" NF
21	70182091	2	CLAMP
	70916622	4	NUT, 1/4" NF
22	73054322	1	PIVOT ASSY.
23	73054321	1	TUBE ASSY.

} Special Equipment
used on loader
serial no. 1438 only

NOTE: GLASS must be procured locally.
Refer to CAB GLASS DATA
Catalog for pattern.



T-77289

CAB AND WIPER ASSEMBLY
(ROPS CAB)

USAGE: Special Equipment.

ITEM	PART NO.	QTY.	DESCRIPTION	
-	73061018	-	CAB & WIPER ASSY. production part no. 73059847)	(Replacement for
1	73059455	4	PIN	
	70912299	8	WASHER, plain, 1-1/4"	
	70915408	4	CAPSCREW, 3/8" NC x 3/4"	
	70910287	4	LOCKWASHER, 3/8"	
	70911115	4	WASHER, plain, 3/8"	
2	73059477	4	BUSHING	

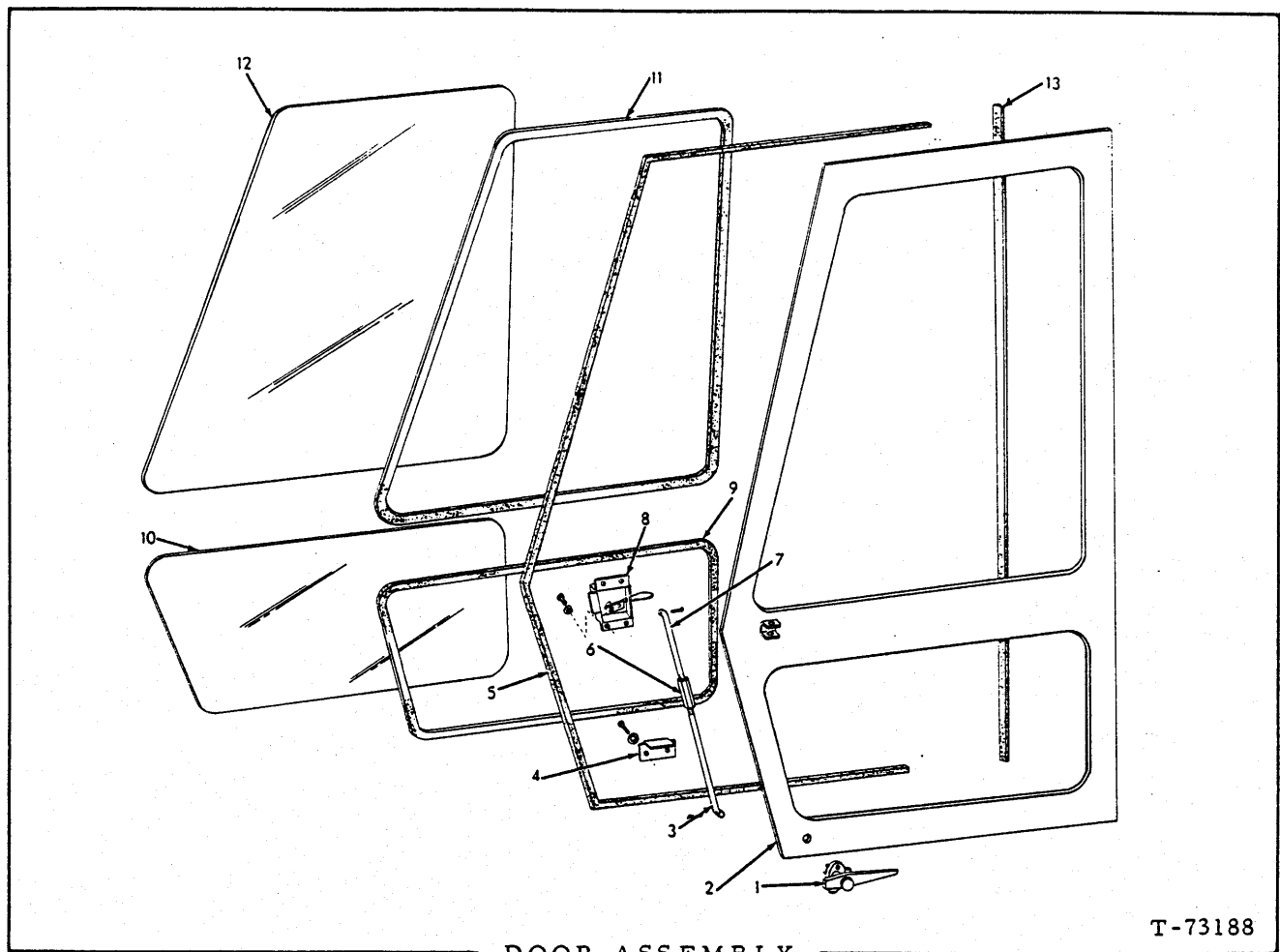
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CAB AND WIPER ASSEMBLY (Continued)
(ROPS CAB)

ITEM	PART NO.	QTY.	DESCRIPTION
3	-----	-	STRIP, rubber, 62" (Refer to item 26)
4	-----	-	CHANNEL (Order item 25)
5	-----	1	PANEL ASSY. (See page 419)
6	-----	1	WIPER GROUP (See page 439)
7	-----	1	GLASS (Part No. 73059610)(See NOTE below)
8	-----	1	CHANNEL, rubber, 100" (Refer to item 27)
9	-----	2	GLASS (Part No. 73059611)(See NOTE below)
10	-----	2	CHANNEL, rubber, 100" (Refer to item 27)
11	-----	2	DOOR ASSY. (See page 429)
	70922287	4	CAPSCREW, 3/8" NC x 1-3/4"
	70911115	16	WASHER, plain, 3/8" (Use as required)
	70918308	4	NUT, safety, 3/8" NC
12	73059832	2	PLUG
13	73059831	2	PLUG (Not required with Flood Lights)
14	73059832	2	PLUG
15	70921113	1	PLUG (Not required with Rear Window Wiper)
16	-----	1	REAR PANEL ASSY. (See page 432)
	70915406	5	CAPSCREW, 1/4" NC x 3/4"
	70900816	5	WASHER, plain, 1/4"
	70904204	5	LOCKWASHER, 1/4"
17	73066804	2	BUMPER
	70916282	2	CAPSCREW, 1/4" NC x 7/8"
	70900816	2	WASHER, plain, 1/4"
	70904204	2	LOCKWASHER, 1/4"
	70916622	2	NUT, 1/4"
18	{ 73063621	1	PLATE, left
	{ 73063622	1	PLATE, right
	70915406	6	CAPSCREW, 1/4" NC x 3/4"
	70900816	6	WASHER, plain, 1/4"
	70904204	6	LOCKWASHER, 1/4"
19	-----	-	CHANNEL, 46" per cab (Refer to item 25)
20	-----	-	CHANNEL, 40" (Refer to item 25)
21	73059832	5	PLUG
22	73061582	4	PAD, mounting (Use as required)
23	73059954	1	ADHESIVE, 5 ounce tube (Use as required)
24	73063053	1	HEADLINER, rear
	73063489	9	FASTENER, 1/4" NC x 5/8" (1-3/4" long)
25	73070266	-	CHANNEL, rubber (25' length)
26	73059951	-	STRIP (50' roll - use as required)
27	73059952	-	CHANNEL (100' roll - use as required)

Not
Illustrated

NOTE: GLASS must be procured locally. Refer to CAB GLASS DATA Catalog for pattern.



USAGE: Special Equipment Used prior to ROPS Cab.

- * Left Door Assy.
- ** Right Door Assy.

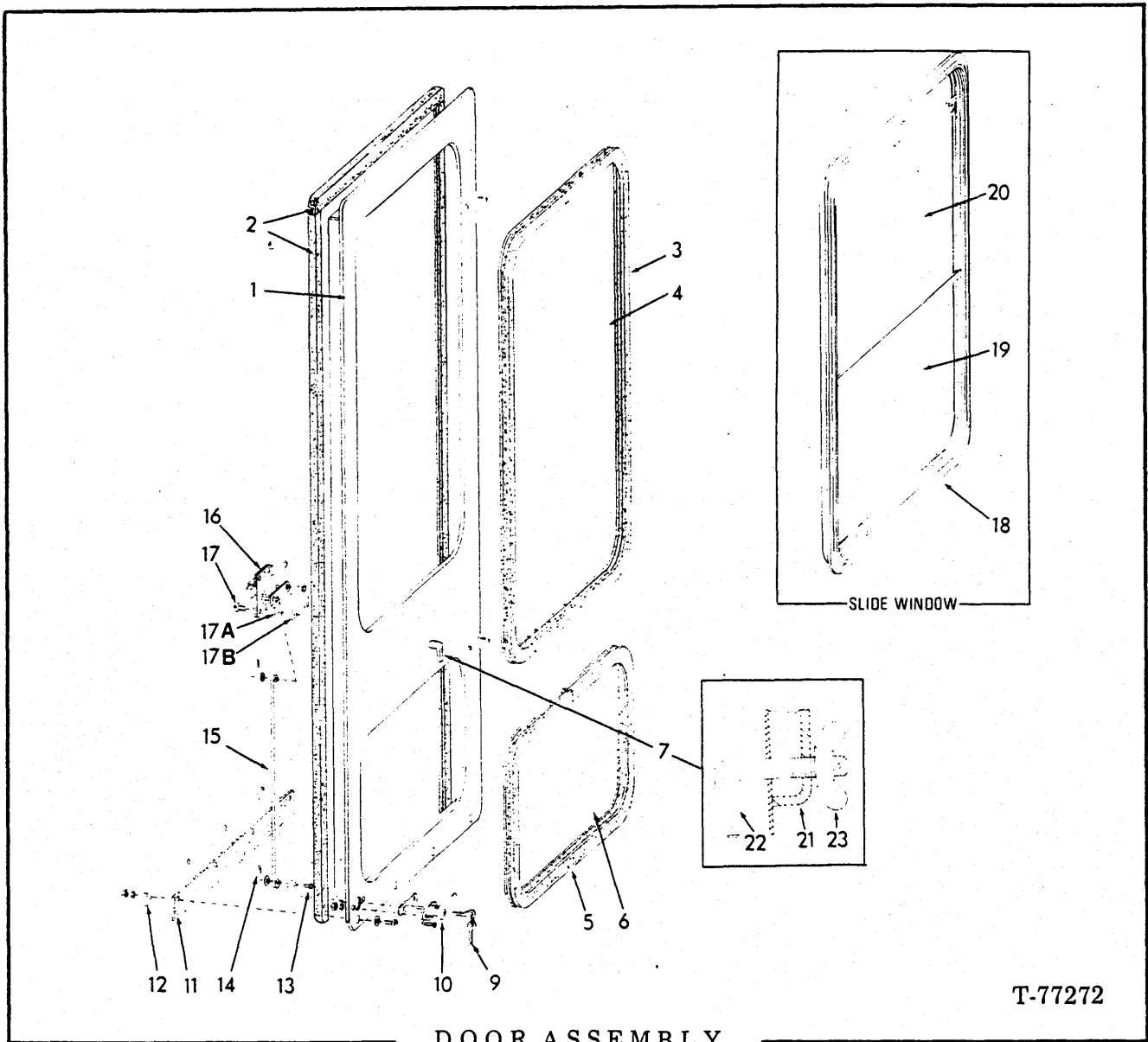
ITEM	PART NO.	QTY.		DESCRIPTION
		*	**	
-	73050716	1	-	DOOR ASSY., left (Includes items 1 thru 13)
	73050715	-	1	DOOR ASSY., right (Includes items 1 thru 13)
	70903773	9	9	CAPSCREW, 5/16" NC x 1-1/4"
	70910335	18	18	WASHER, plain, SAE std., 5/16"
	70904205	9	9	LOCKWASHER, 5/16"
	70910323	9	9	NUT, 5/16" NC
1	73050744	1	-	HANDLE ASSY. (Serviced only as a unit)
	73050733	-	1	HANDLE ASSY. (Serviced only as a unit)
	70901171	2	2	SCREW, machine, #10 NC x 3/8"
	70904203	2	2	LOCKWASHER, #10

(Continued)

DOOR ASSEMBLY (Continued)

ITEM	PART NO.	QUANTITY		DESCRIPTION
		*	**	
2	-----	1	1	DOOR (Not serviced, order complete Door Assy above)
3	73050735	1	1	ROD
	70900802	1	1	PIN, cotter, 3/32" x 1"
4	73050736	1	1	COVER
	70901172	2	2	SCREW, machine, #10 NC x 1/2"
	70912611	2	2	LOCKWASHER, external tooth, #10
5	73050737	1	1	GASKET
6	73045178	1	1	TURN-BUCKLE
7	73050734	1	1	ROD
	70900802	1	1	PIN, cotter, 3/32" x 1"
8	{ 73050743	1	-	LATCH ASSY. (Serviced only as a unit)
	73050732	-	1	LATCH ASSY. (Serviced only as a unit)
	70901171	4	4	SCREW, machine, #10 NC x 3/8"
	70904203	4	4	LOCKWASHER, #10
9	73050742	1	1	STRIP
10	-----	1	1	GLASS, lower (Part No. 73050741)(See NOTE below)
11	73050740	1	1	STRIP
12	-----	1	1	GLASS, upper (Part No. 73050739)(See NOTE below)
13	73050738	1	1	GASKET

NOTE: GLASS must be procured locally.
Refer to CAB GLASS DATA Catalog for pattern.



DOOR ASSEMBLY
(ROPS CAB)

T-77272

USAGE: Optional Equipment. See page 425.

NOTE: Quantity shown is for (1) door only.

ITEM	PART NO.	QTY.	DESCRIPTION	
-	73064447	1	DOOR ASSY., left	} includes items 1 thru 17
	73064448	1	DOOR ASSY., right	
-	73070449	1	DOOR ASSY., left	} includes items 1, 2, 3 and 5 thru 18
	73070450	1	DOOR ASSY., right	
1	73064449	1	DOOR, left	
	73064450	1	DOOR, right	
2	.....	-	STRIP, 144" required per DOOR (Refer to item 24)	
3	.....	-	CHANNEL, 102" (Refer to item 25)	
4	1	GLASS (Part No. 73061150)(See NOTE on page 430)	
5	-	CHANNEL, 64" (Refer to item 25)	

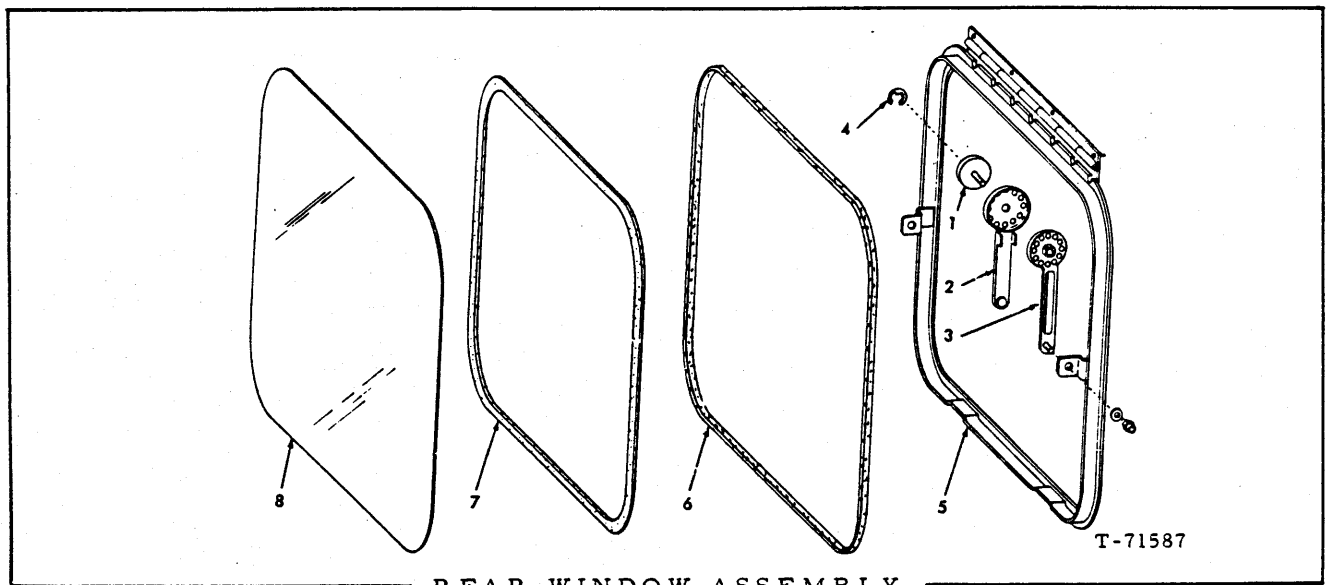
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D O O R A S S E M B L Y (Continued)
(ROPS CAB)

ITEM	PART NO.	QTY.	DESCRIPTION
6	-----	1	GLASS (Part No. 73059605)(See NOTE below)
7	73062190	1	† KIT, latch (includes items 21, 22, 23 and 17 on page 425)
9	73061191	2	KEY (PK 509)
10	{ 73061731	1	HANDLE, left
		1	HANDLE, right
		2	SCREW, No. 10 NF x 3/4" flat-hd.
		2	LOCKWASHER, No. 10
		2	NUT, No. 10 NF
11	73059670	1	STRIP
12	73059627	1	BAR
		4	SCREW, No. 10 NF x 5/8"
		4	WASHER, plain, No. 10
		4	LOCKWASHER, No. 10
		4	NUT, No. 10 NF
		4	PIN, clevis, 1/4"
13	70920523	2	WASHER, plain, 1/4"
		2	PIN
14	70918194	2	PIN
15	73059621	1	BAR
16	{ 73064445	1	LOCK ASSY., left (Serviced only as a unit)
		1	LOCK ASSY., right (Serviced only as a unit)
17	70929915	4	SCREW, No. 10 NF x 3/4"
17A	73061234	2	PLATE
17B	73065099	-	SHIM (Use as required)
18	73059604	1	WINDOW ASSY" slide (Includes items 19 and 20)(Also order item 3)(Optional Equipment on units prior to January 1979; standard thereafter
19	-----	1	GLASS (Part No. 73061377)(See NOTE below)
20	-----	-	GLASS (Part No. 73061376)(See NOTE below)
21	70085559	1	NUT, wing, 5/8" NC
22	70085558	1	HOOK, 5/8" NC
23	70906759	1	SCREW, No. 4 x 1/4"
24	73061253	-	STRIP (100" length - use as required)
25	73059952	-	CHANNEL (100" length - use as required)

NOTE: GLASS must be procured locally. Refer to CAB
GLASS DATA Catalog for pattern.

† Item 7 is service replacement requiring .641" dia. hole.



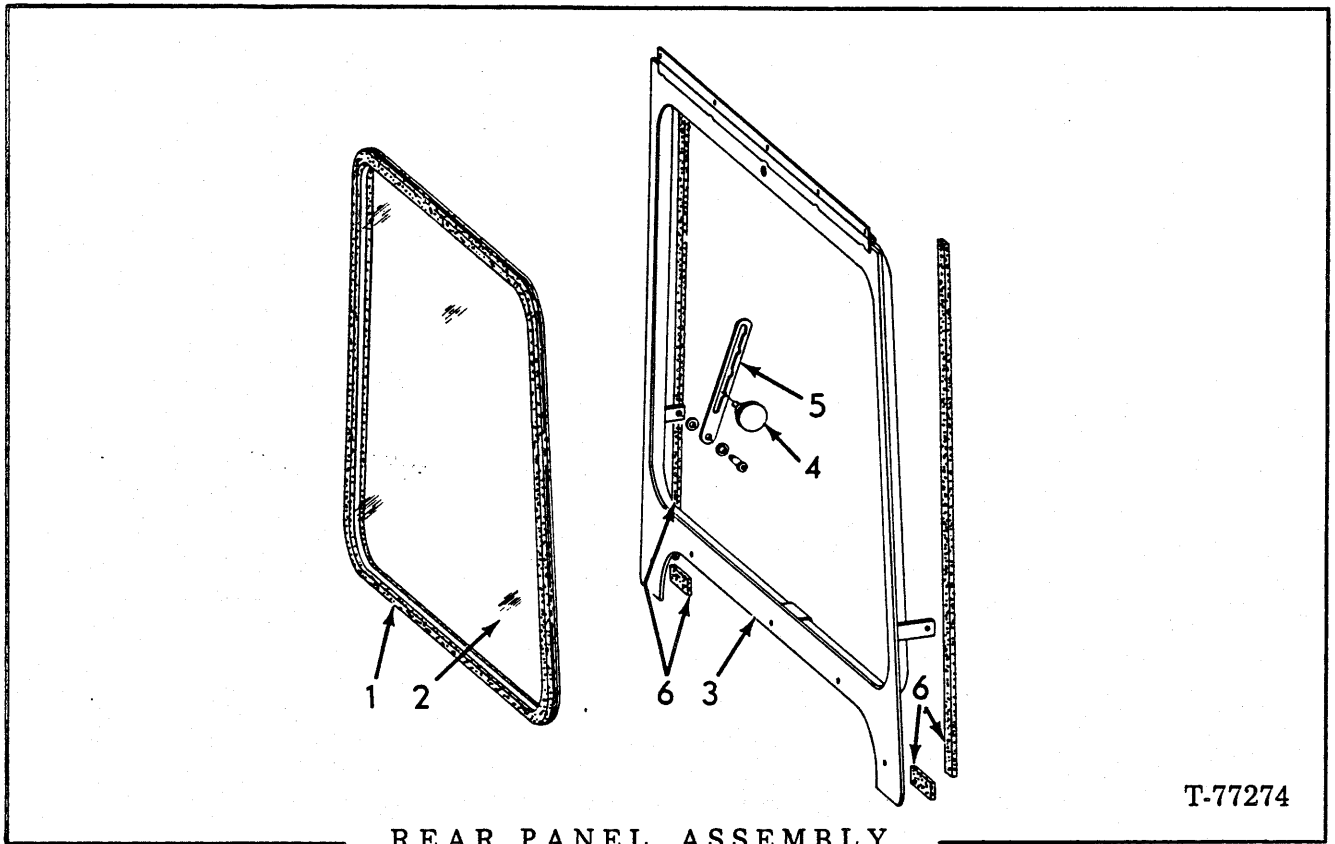
REAR WINDOW ASSEMBLY

USAGE: Special Equipment Used prior to ROPS Cab.

* First type
** Second type

ITEM	PART NO.	QTY.		DESCRIPTION
		*	**	
-	73050717	1	1	WINDOW ASSY., rear (Includes items 1 thru 8)
	70903773	4	4	CAPSCREW, 5/16" NC x 1-1/4"
	70910335	8	8	WASHER, plain, SAE std., 5/16"
	70904205	4	4	LOCKWASHER, 5/16"
	70910323	4	4	NUT, 5/16" NC
1	73041782	2	2	KNOB
2	73039858	1	-	ARM, window, left (female)
	73054734	-	1	ARM, window, left (female)
	73039852	1	-	ARM, window, left (male)
	73054736	-	1	ARM, window, left (male)
3	73039853	2	-	ARM, left and right (male)
	73054735	-	2	ARM, left and right (male)
	70911115	4	4	WASHER, plain, SAE std., 3/8"
	73039856	4	4	NUT, 3/8" NC (flexloc)
4	73050749	2	2	RETAINER
5	-----	1	1	FRAME, window (Order complete Window Assy.)
6	73054390	1	1	GASKET
7	73050747	1	1	STRIP
8	-----	1	1	GLASS, (Part No. 73050746)(See NOTE below)
-	73041651	1	-	ARM ASSY., left (Includes items 1 thru 4)
	73054392	-	1	ARM ASSY., left (Includes itmes 1 thru 4)
	73041650	1	-	ARM ASSY., right (Includes items 1 thru 4)
	73054391	-	1	ARM ASSY., right (Includes items 1 thru 4)

NOTE: GLASS must be procured locally. Refer to CAB GLASS DATA Catalog for pattern.

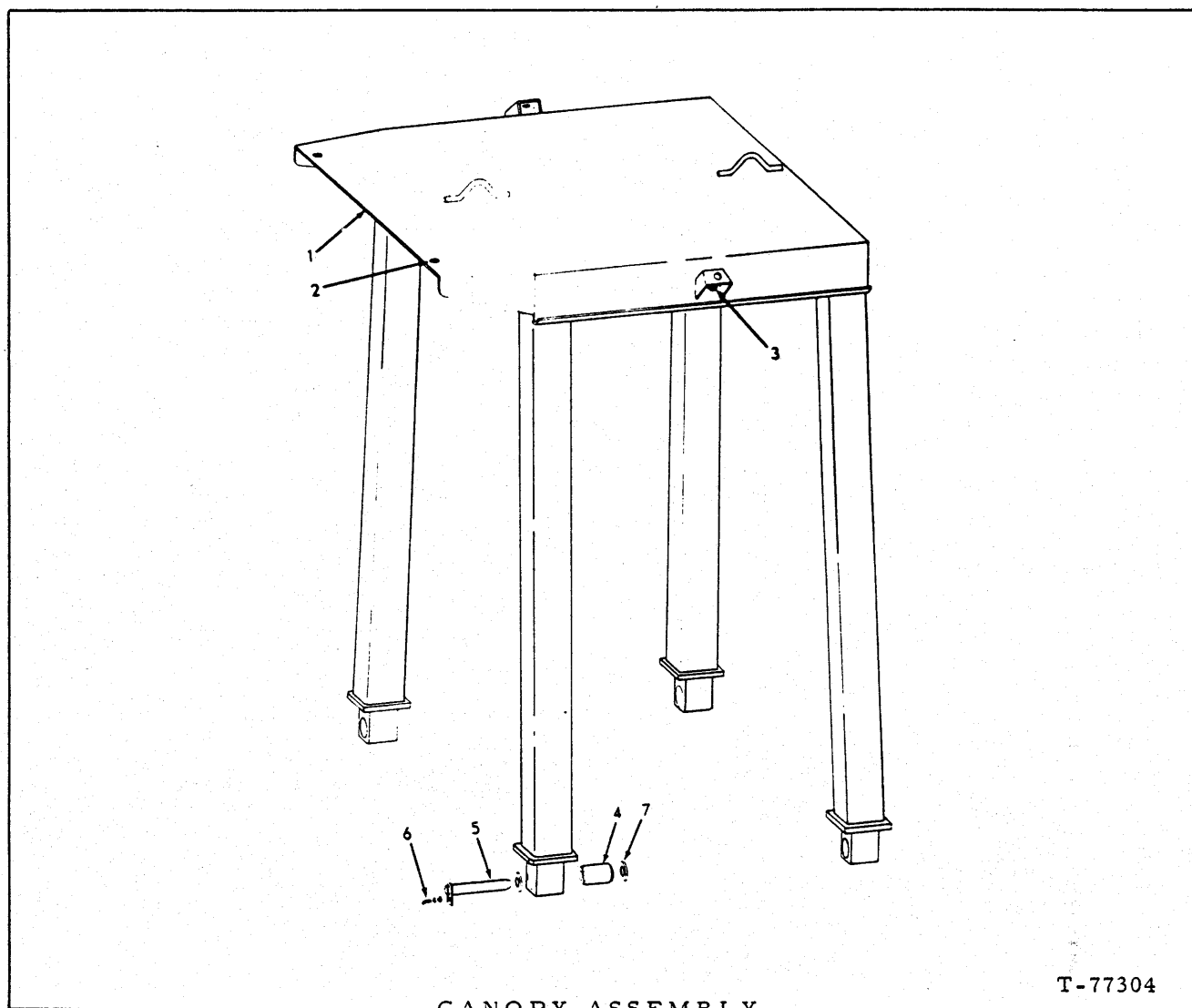


T-77274

REAR PANEL ASSEMBLY
(ROPS CAB)

ITEM	PART NO.	QTY.	DESCRIPTION
-	73059774	1	PANEL ASSY. (Includes items 1 thru 6)
1	.....	1	CHANNEL, 125" (Refer to item 7)
2	.....	1	GLASS (Part No. 73059606)(See NOTE below)
3	.....	1	PANEL (Includes hinge)(Order PANEL ASSY. above)
4	73061276	2	KNOB
5	73061275	2	ARM
	70911115	6	WASHER, plain, 3/8" (Use as required)
	70929613	2	SCREW, 3/8" NC x 3/8" (Shoulder bolt, hex. socket head)
6	.....	-	STRIP, sponge, 100" (Refer to item 8)
7	73059952	-	CHANNEL (100' length - use as required)
8	73061253	-	STRIP (100"length - use as required)

NOTE: GLASS must be procured locally. Refer to CAB GLASS DATA Catalog for pattern.

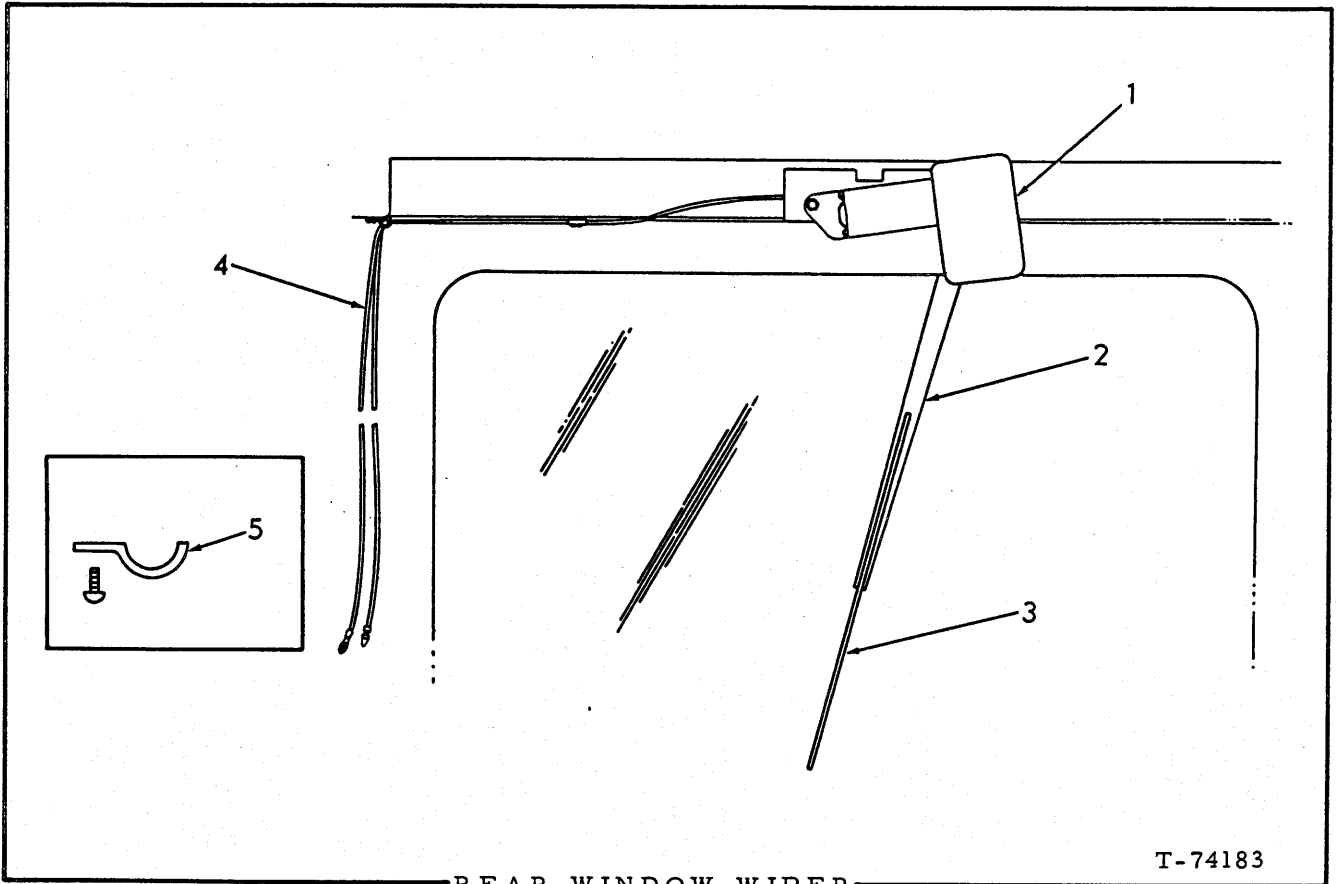


CANOPY ASSEMBLY
(ROPS)

T-77304

USAGE: Optional equipment

ITEM	PART NO.	QTY.	DESCRIPTION
1	73059950	1	CANOPY ASSY. (Machinery Item)(Includes items 2 thru 7)
2	73059831	2	PLUG
3	73059832	2	PLUG
4	73059477	4	BUSHING
5	73059455	4	PIN
6	70915408	4	CAPSCREW, 3/8" x 3/4"
	70904206	4	LOCKWASHER, 3/8"
	70911115	4	WASHER, plain, 3/8"
7	70912299	8	WASHER, spacing, 1-1/4"
8	73061582	-	PAD, cab mounting (Use as req'd to obtain tight fit)(not illustrated)

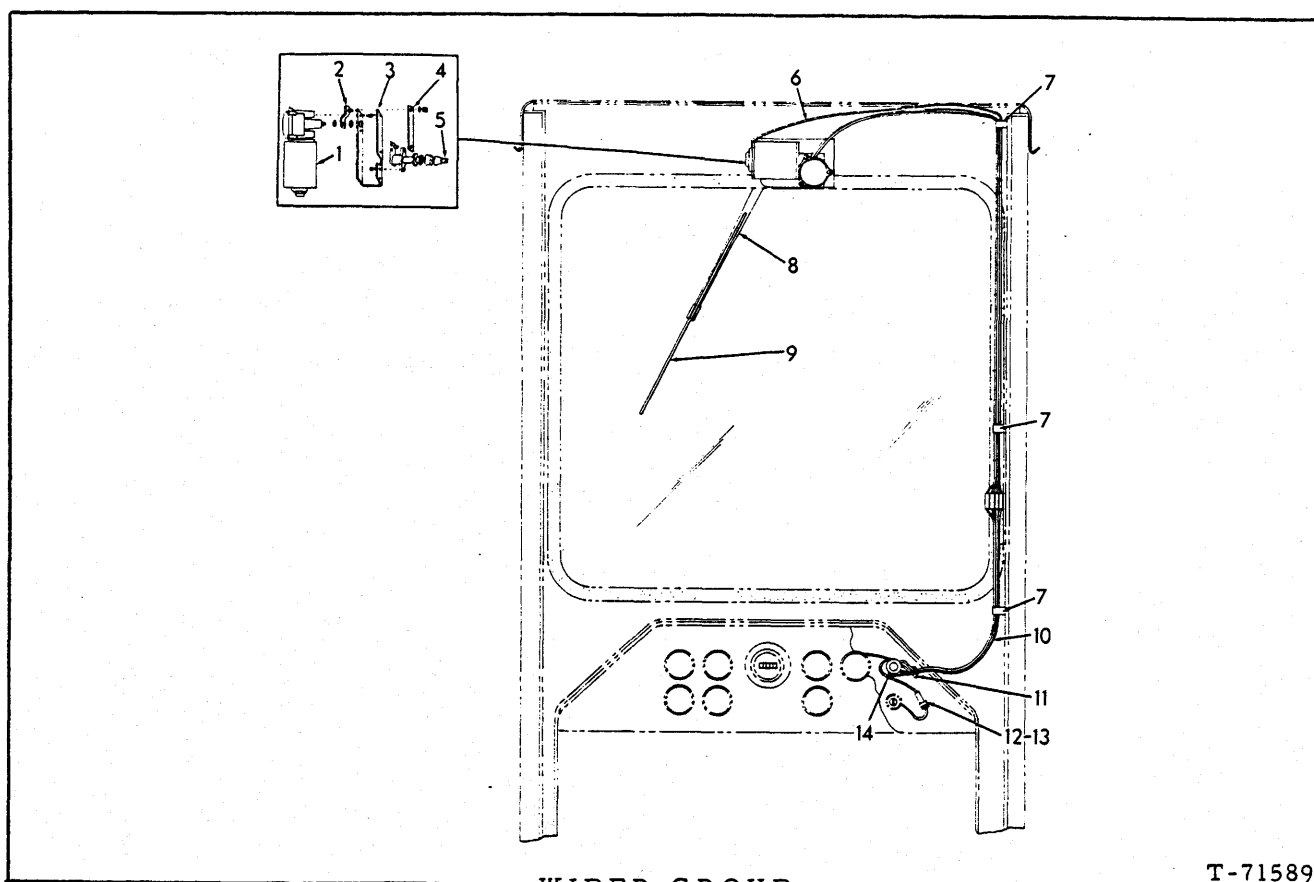


REAR WINDOW WIPER

T-74183

USAGE: Special Equipment - used on Loader serial no. 1438 only

ITEM	PART NO.	QTY.	DESCRIPTION
1	73053558	1	MOTOR ASSY., wiper (24 volt) (Includes mounting bracket and fasteners) (Serviced only as a unit)
	70901171	1	SCREW, rd. hd., #10 NC x 3/8"
	70917365	1	LOCKWASHER, pltd., #10
	70916621	1	NUT, pltd., #10 NC
2	73103300	1	ARM
3	73103299	1	BLADE
4	73103342	1	WIRE ASSY., ground (black)
	73103343	1	WIRE ASSY., lead (white)
5	74513538	6	CLIP
	70910160	6	SCREW, self tapping, #10 x 1/2"



USAGE: Special Equipment (FIRST TYPE CAB - Slant Roof)

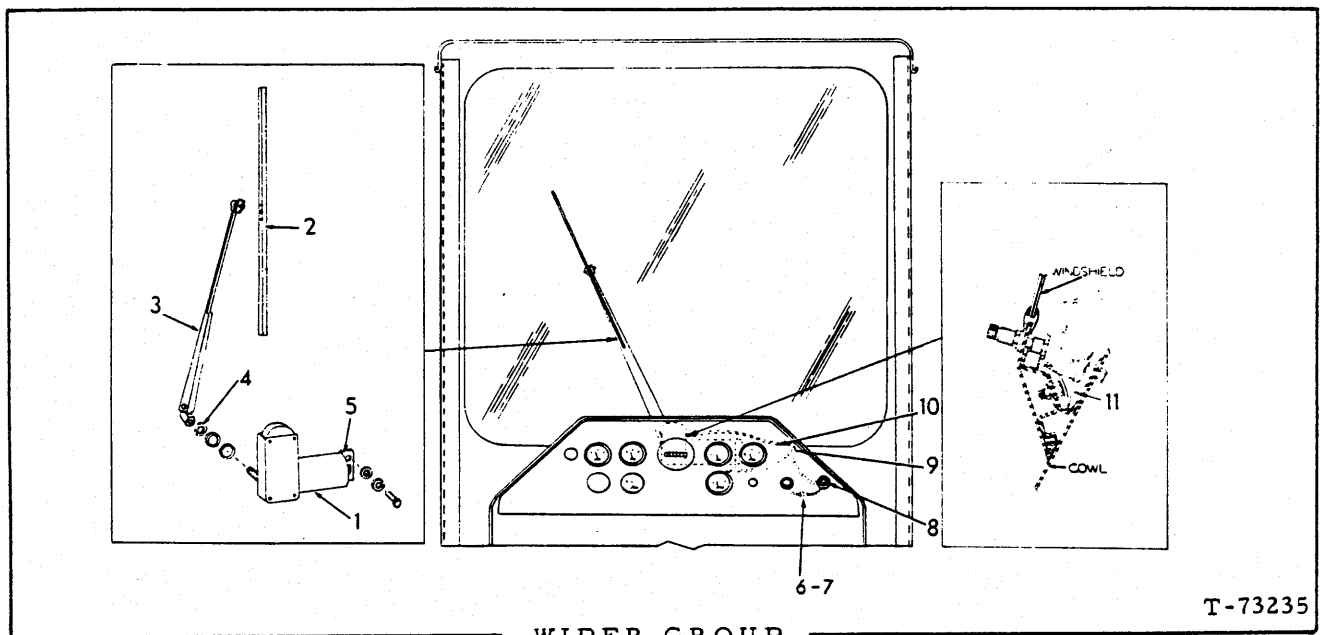
ITEM	PART NO.	QTY.	DESCRIPTION
1	73045202	1	MOTOR ASSEMBLY, wiper (24 volt) (Includes mounting bracket and fasteners) (Serviced only as a unit)
	70920784	3	SCREW, self-tapping, #8 x 3/8"
2	73045203	1	ARM
3	-----	1	BRACKET, mounting, wiper motor (Not serviced, order item 1)
4	-----	1	LINK, connecting (Not serviced, order item 1)
5	73045204	1	SHAFT ASSEMBLY, wiper arm
	70916399	2	CAPSCREW, 1/4" NF x 5/8"
	70904204	2	LOCKWASHER, 1/4"
	70911114	2	WASHER, plain, SAE std., 1/4"
6	73045118	1	WIRE ASSEMBLY, ground

(Continued)

WIPER GROUP (continued)

ITEM	PART NO.	QTY.	DESCRIPTION
7	73045632	3	CLIP
8	73045206	1	ARM
9	73045207	1	BLADE
10	73045113	1	HARNESS
11	73045633	1	GROMMET, wire protecting (cowl end)
12	73045108	1	HOLDER ASSEMBLY, fuse (Includes item 13)
13	73040013	1	FUSE, 3 amp.
14	73045205	1	SWITCH

ALWAYS GIVE MODEL AND SERIAL NUMBER WHEN ORDERING PARTS

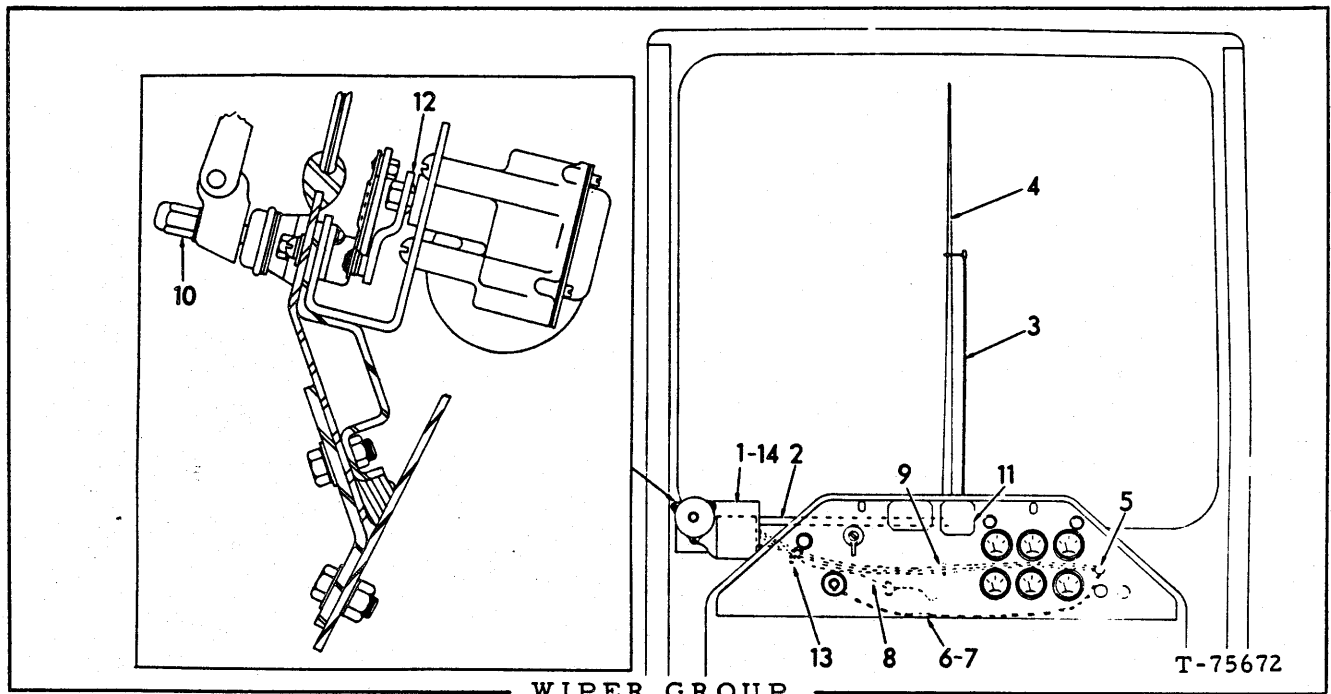


WIPER GROUP

T-73235

USAGE: Special Equipment (First type - Flat roof)

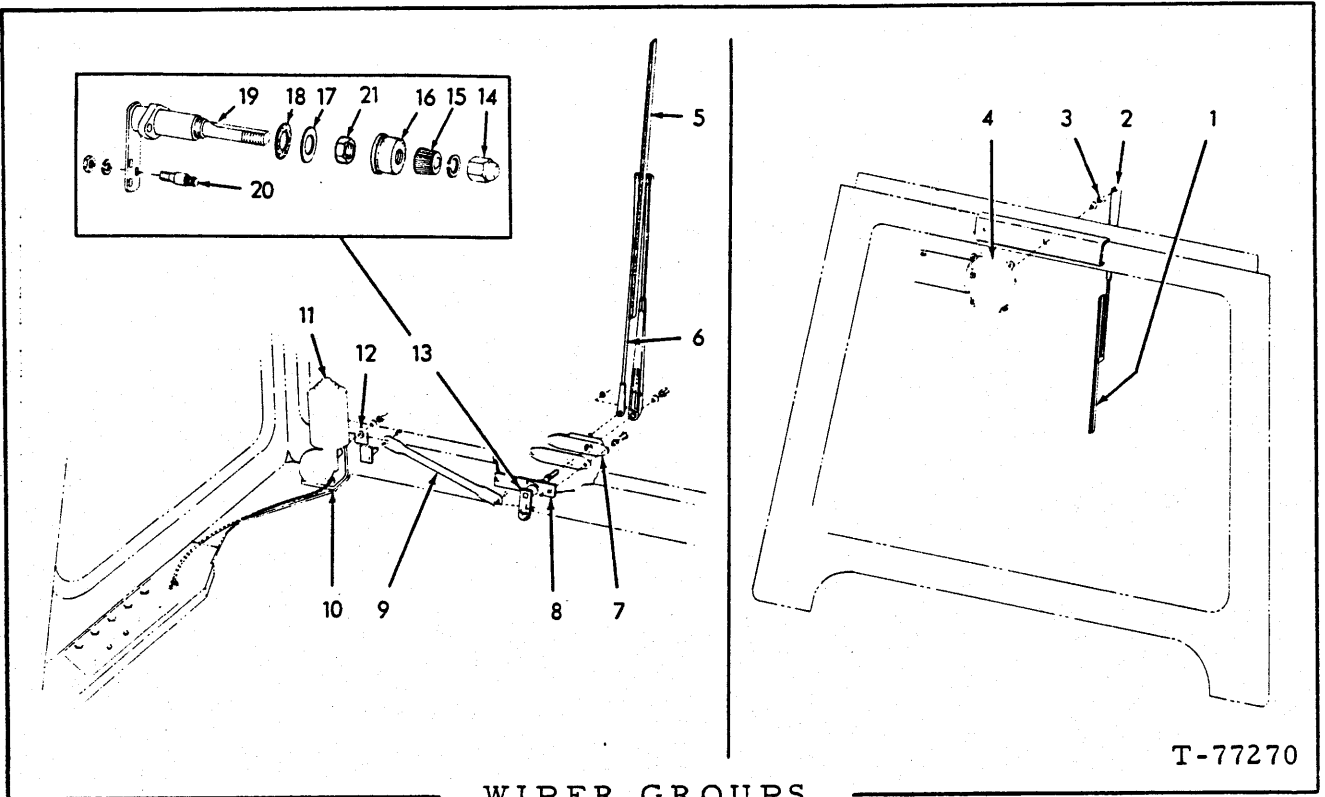
ITEM	PART NO.	QTY.	DESCRIPTION
-	73047195	1	WIPER GROUP, windshield, front and rear (Includes items 1 thru 11)
1	73039947	1	MOTOR ASSY., wiper (24 volt)(Includes mounting bracket and fasteners)(Serviced only as a unit)
	70916399	2	CAPSCREW, 1/4" NF x 5/8"
	70904204	2	LOCKWASHER, 1/4"
	70911114	2	WASHER, plain, SAE std., 1/4"
2	73051893	1	BLADE
3	73051894	1	ARM
4	73051895	1	NUT
5	-----	1	BRACKET, mounting (Order item 1)
6	73040013	1	FUSE, 3 amp.
7	73051891	1	HOLDER ASSY., fuse
8	70605411	1	SWITCH
9	73045633	1	GROMMET
10	73051892	1	HARNESS
11	73052654	1	WIRE ASSY., ground



WIPER GROUP
(Pantograph Wiper)

USAGE: Special equipment (NOTE: Not for ROPS CAB)

ITEM	PART NO.	QTY.	DESCRIPTION
1	73045202	1	MOTOR ASSY., wiper (24 volt) (Includes mounting bracket and fasteners)
2	73057226	1	LINK
3	73057224	1	ARM
4	73057227	1	BLADE
5	73045205	1	SWITCH
6	73057222	1	HOLDER ASSY., fuse (Includes wire)
7	73040013	1	FUSE, 3 amp
8	73051892	1	WIRE (28" long)
9	70925094	1	CLIP
10	73057219	1	SHAFT ASSY., wiper arm (Includes pin, gasket, grommet, adapter, washers and nuts)
	70928204	4	WASHER, plain (Shimming)
11	73057225	1	ADAPTER ASSY., pantograph (Includes gasket)
	70914089	2	SCREW, machine, round hd., 1/4" NF x 1/2"
	70904204	2	LOCKWASHER, 1/4"
12	73045203	1	ARM
13	70928310	1	GROMMET, wire protecting (Cowl end)
14	-----	1	BRACKET, motor mounting (Order MOTOR ASSY.)
	70905655	2	CAPSCREW, 1/4" NC x 1/2"
	70904204	2	LOCKWASHER, 1/4"
15	73050612	1	WIRE ASSY. (4") (Used with machines that are not provided with a ground receptacle in the main wiring harness) (Not illustrated)



WIPER GROUPS
(ROPS CAB)

NOTE: See page 425. ROPS Cab includes FRONT WIPER. Order Special Equipment REAR WIPER separately.

ITEM	PART NO.	QTY.	DESCRIPTION
1	73059930	1	BLADE
2	73059929	1	ARM
3	73051895	1	NUT, 5/8" NF
4	73059938	1	MOTOR (24 volt)
	70900558	1	SCREW, #10 NF x 1/2"
	70904203	1	LOCKWASHER, #10
	70917415	1	NUT, #10 NF
5	73057227	1	BLADE
6	73059939	1	ARM
7	73057225	1	ADAPTER ASSY. (Includes gasket)
	70927340	2	CAPSCREW, 1/4" NC x 3/4"
	70904204	2	LOCKWASHER, 1/4"
	70910880	2	NUT, 1/4" NC
8	73059683	1	PLATE (Early units)
9	73059942	1	LINK
	70639073	2	WASHER, spring, 1/4"
	70639074	2	CLIP, spring, 1/4"
10	73059633	1	BRACKET, weld assy.
	70916282	2	CAPSCREW, 1/4" NC x 7/8"
	70904204	2	LOCKWASHER, 1/4"
	70900816	2	WASHER, 1/4"

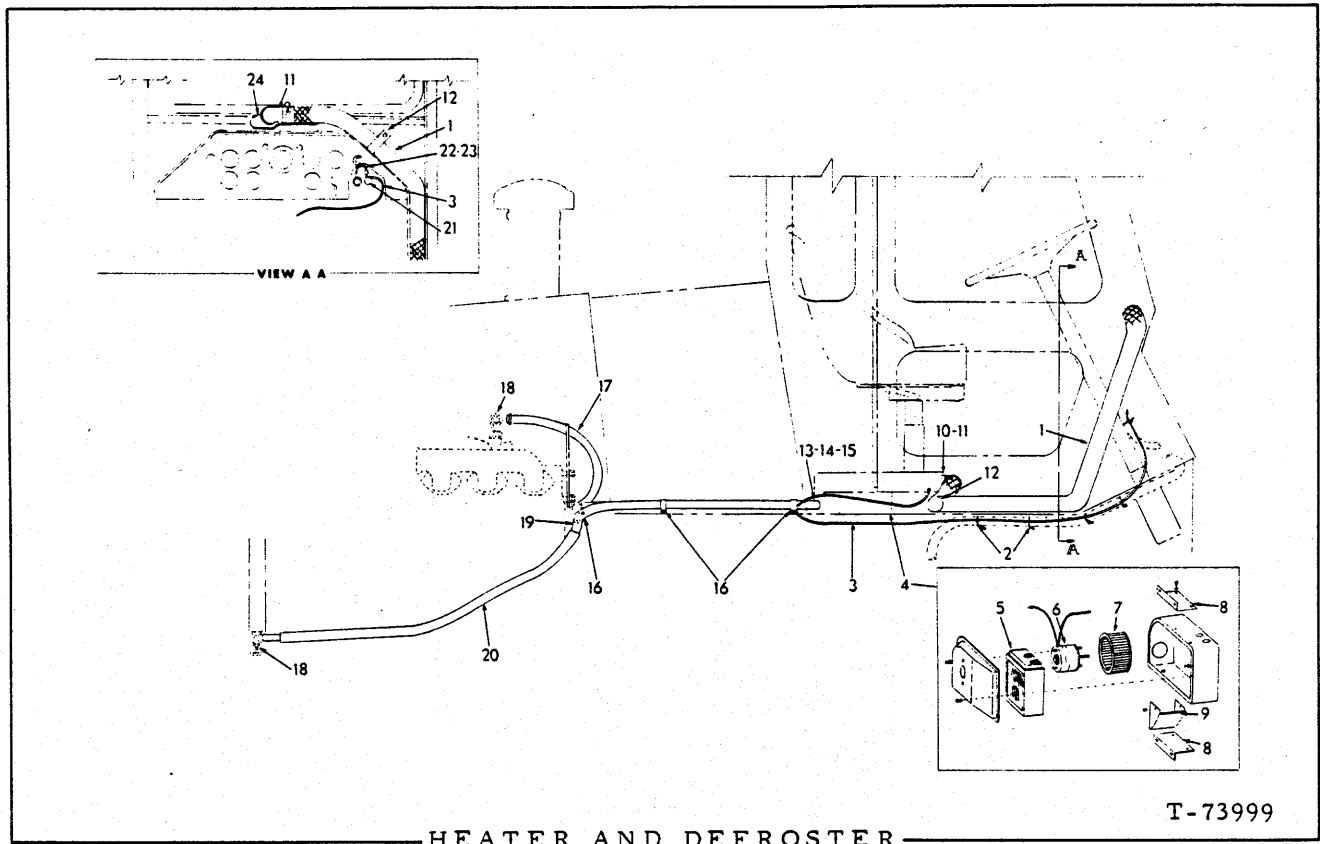
(Continued)

(Revised November 1979)

WIPER GROUPS (Continued)
(ROPS CAB)

ITEM	PART NO.	QTY.	DESCRIPTION
11	73061907	1	MOTOR (12 volt)
	70923510	1	GROMMET
	70914120	3	SCREW, 1/4" NF x 3/4"
	70914105	3	LOCKWASHER, 1/4"
12	73061046	1	ARM
13	73066384	1	SHAFT & PIVOT ASSY. (11/16" diam. shaft) (Includes items 14 thru 21)
	70922121	2	SCREW, #10-32 x 3/8"
	70909055	2	LOCKWASHER, #10
14	73066417	1	CAP NUT
	70923300	1	LOCKWASHER, 5/16"
15	73066419	1	DRIVER
16	73066415	1	CAP, rubber
17	70913540	1	WASHER, plain, 21/32"
18	73066416	1	WASHER, fiber
19	-----	1	SHAFT ASSY. (Order item 13)
20	73066418	1	STUD
	70924958	1	LOCKWASHER, 1/4"
	70920437	1	NUT, 1/4" NF
21	73066428	1	NUT

(Revised November 1979)



USAGE: Special equipment. Used prior to Loader S/N 96M02669, 87L02669, 23C02669, 84U02669.

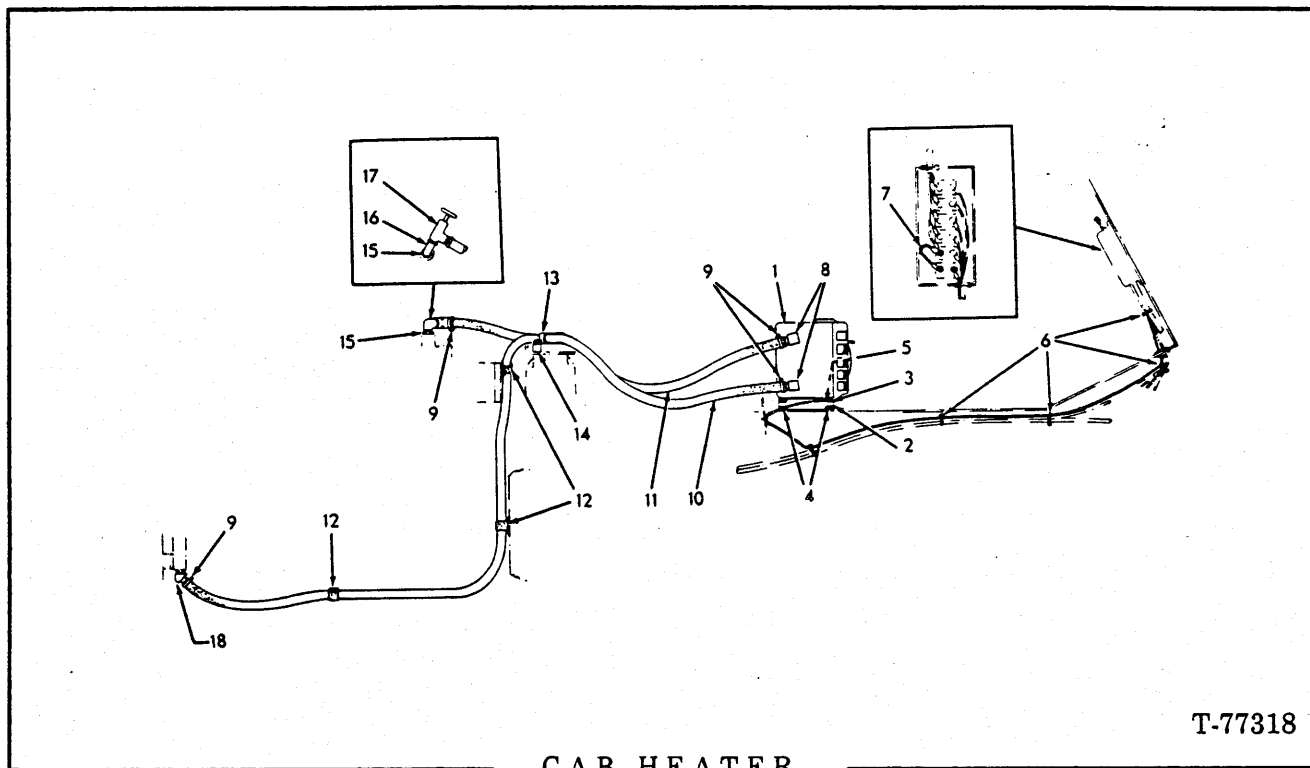
ITEM	PART NO.	QTY.	DESCRIPTION
1	73046734	1	HOSE (78" long)
2	70925094	10	CLIP
3	73046736	1	WIRE
4	73046451	1	HEATER ASSY. (24 volt)(Includes items 5 thru 9)
	70920638	3	CAPSCREW, 1/4"NC x 1-1/4"
	70911114	3	WASHER, plain, SAE std., 1/4"
	70904204	3	LOCKWASHER, 1/4"
	70911040	3	NUT, 1/4"NF
	70909008	6	SCREW, machine, #10 x 3/8"
5	73047118	1	CORE
6	73039281	1	MOTOR (24 volt)
	70900815	2	WASHER, plain, U.S. std., 1/4"
	70924632	2	NUT, #10
7	73044594	1	BLOWER
8	73047120	2	BRACKET
	70921958	4	CAPSCREW, 1/4"NC x 1/2"
	70911114	4	WASHER, plain, SAE std., 1/4"
	70909008	4	SCREW, machine #10 x 3/8"
9	73047119	1	OUTLET

(Continued)

HEATER AND DEFROSTER (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
10	73040139	1	ADAPTER
11	73033909	2	ELBOW
	70921913	2	CLAMP
12	73012545	2	CLAMP
	70916385	1	CAPSCREW, 3/8"NF x 2"
	70900817	1	WASHER, plain, U.S. std., 3/8"
	70904206	1	LOCKWASHER, 3/8"
	70911041	1	NUT, 3/8"NF
13	73050653	2	FITTING
	70921911	2	CLAMP
14	-----	1	TRIM, protecting 11-3/4" long (order item 25)
15	73050652	1	PLATE
16	73050651	3	CLAMP
	70910244	2	WASHER, plain, SAE std., 1/2"
	70912298	1	WASHER, plain, SAE std., 15/32"
17	-----	1	HOSE (Order 70" of 73058186)(See NOTE)
	70921911	1	CLAMP
18	73009722	2	VALVE
	70901723	1	ELBOW, street, 90°, 3/8"NPT
	70904239	1	BUSHING, reducing, 3/4" x 3/8"
	70913257	1	TEE, pipe, 3/8"
19	-----	1	HOSE (Return line)(Order 105" of 73058186)(See NOTE)
	70921911	1	CLAMP
20	73050944	1	HOSE (60" long)
21	73022444	1	SWITCH
22	73054825	1	WIRE ASSY. (Includes item 23)
23	73047121	1	FUSE
24	73022355	1	DIFFUSER
	70925308	2	CAPSCREW, #12 x 1/2", self-tapping
	70911114	2	WASHER, plain, SAE std., 1/4"
25	73050105	-	TRIM, plastic, 25 ft. roll (Use as req'd)

NOTE: The factory will furnish 25 foot rolls only.
 Dealer will furnish cut length or 25 foot rolls.



T-77318

CAB HEATER

USAGE: Special Equipment - effective with loader serial no. 96M02669, 87L02669, 23C02669, 84U02669.

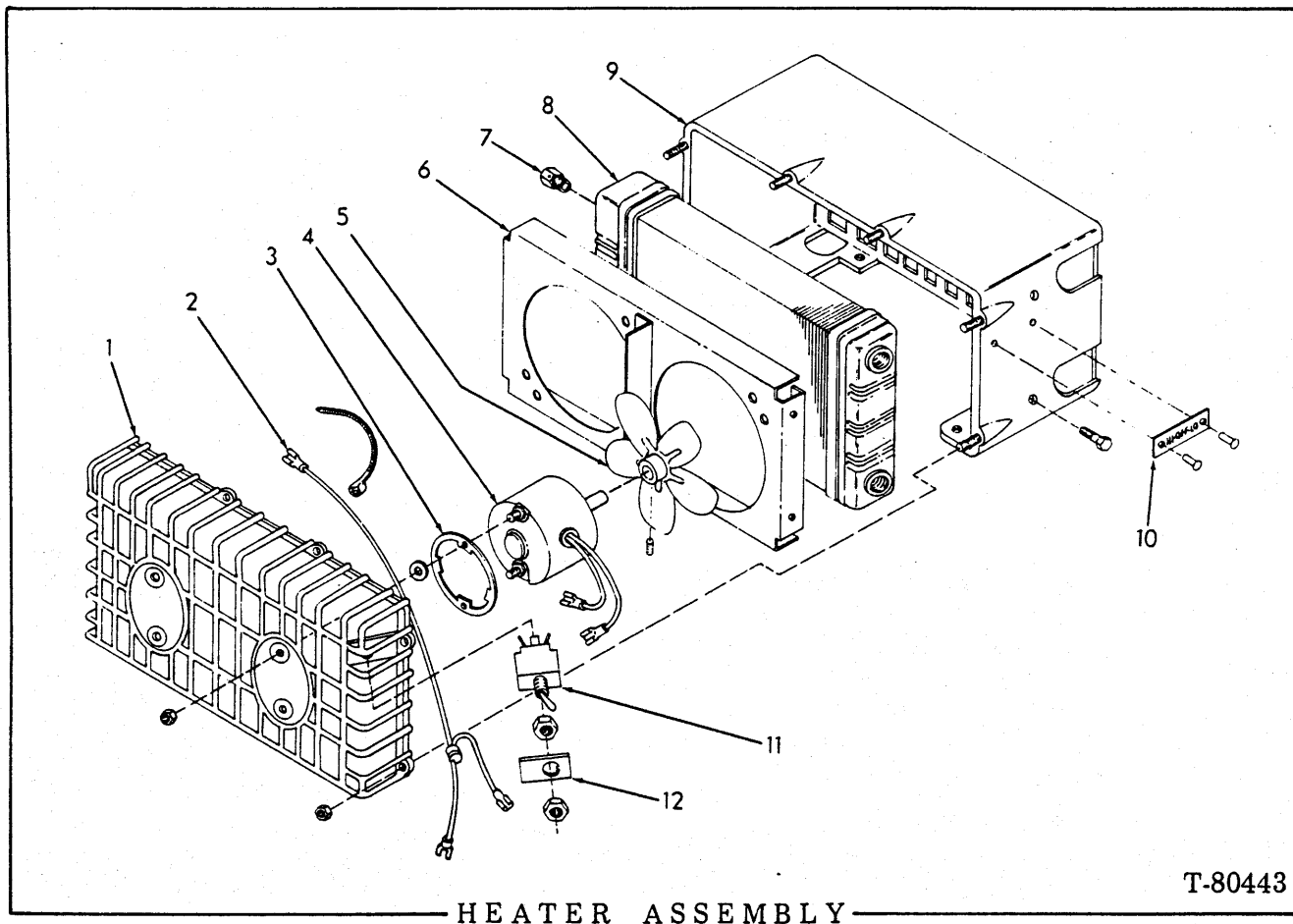
ITEM	PART NO.	QTY.	DESCRIPTION
1	73058731	1	HEATER ASSY. (See page 444a)
2	73057773	2	BRACKET
3	70915809	4	CAPSCREW, 5/16" NC x 3/4"
	70904205	4	LOCKWASHER, 5/16"
	70910335	4	WASHER, plain, 5/16"
4	70915408	4	CAPSCREW, 3/8" NC x 3/4"
	70910287	4	LOCKWASHER, 3/8"
5	70928176	1	CLAMP
6	70925094	5	CLIP
7	73058126	1	WIRE ASSY.
8	70925063	2	ELBOW, 90°, 3/4"
9	70921911	4	CLAMP
10	.....	1	HOSE, 3/4" I.D. x 106" } Refer to item 19
11	.....	1	HOSE, 3/4" I.D. x 46" }
12	70927175	3	CLAMP
13	73055272	1	CLAMP
	70916315	1	CAPSCREW, 1/2" NC x 2-1/4"
14	73045513	1	SPACER
15	70917430	1	BUSHING, 3/4" x 1/2"
16	70901724	1	ELBOW, 1/2"

(Continued)

CAB HEATER (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
17	73058884	1	VALVE
18	70928566	1	ELBOW, 3/8" NPTF
18	70930213	1	ELBOW, 1/2" NPTF
19	73069299	-	HOSE (25' length - use as required)

} Use as applicable



T-80443

USAGE: Special equipment. See page 443

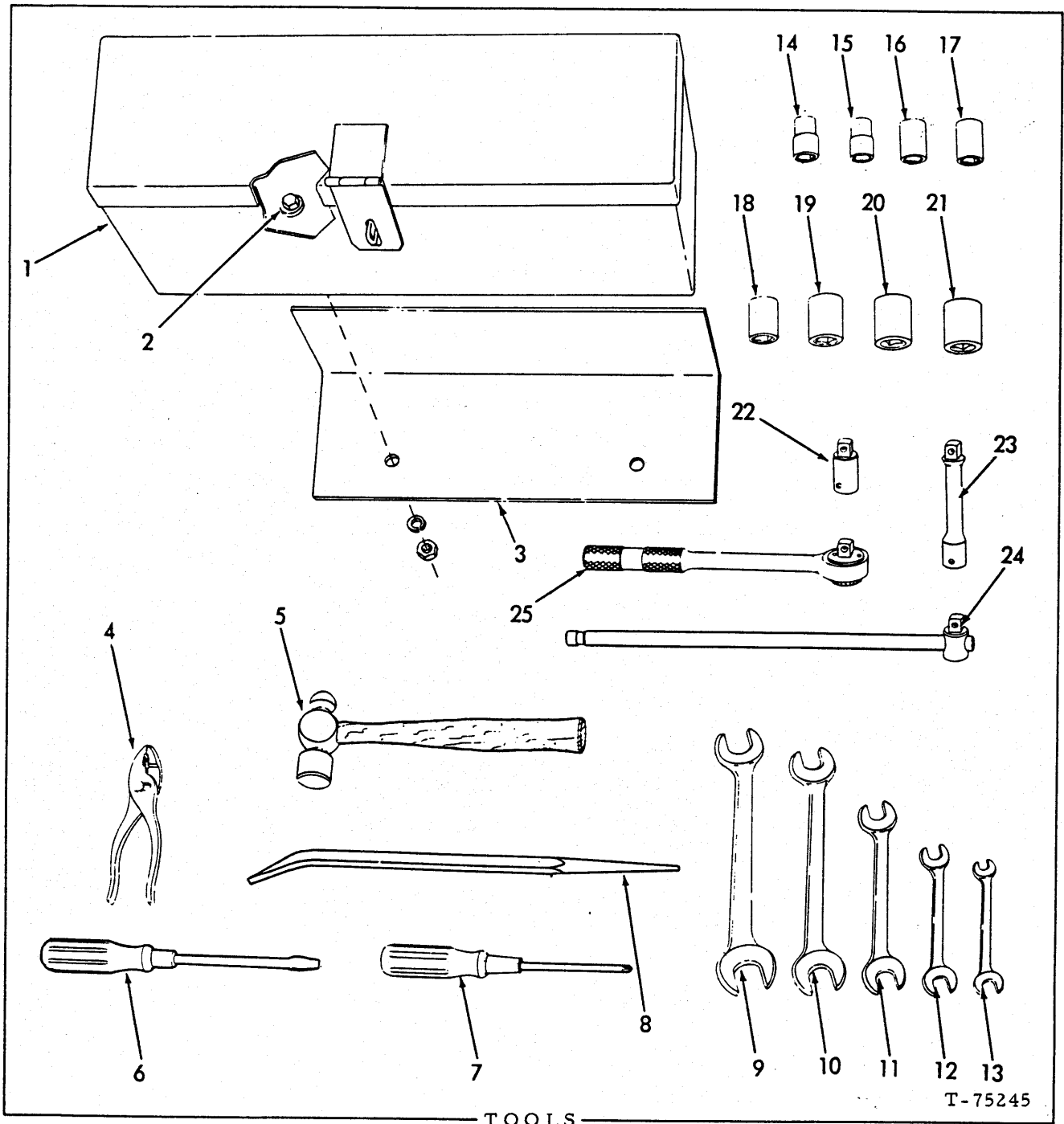
ITEM	PART NO.	QTY.	DESCRIPTION
-	73058731	1	HEATER ASSY. (Includes items 1 thru 12)
1	73058341	1	COVER
	70928919	6	NUT, No. 10-32
2	73069267	1	WIRE ASSY.
	70925442	1	TIE
3	73058342	2	SPACER
4	73069009	2	MOTOR, 24v.
	70924353	4	WASHER, plain, 13/64"
	70928919	4	NUT, No. 10-32
	73070464	2	TERMINAL
5	73069006	2	FAN (includes SETSCREW indented below)
	70917570	2	SETSCREW, No. 10 NF x 1/4"
6	73058345	1	SHROUD
	70926020	4	SCREW, No. 10 x 5/8", self-tapping
7	73058348	1	VALVE, bleeder
8	73058346	1	CORE
9	73058340	1	CASE

Continued

444a

HEATER ASSEMBLY (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
10	73069269	2	PLATE
	73070468	2	RIVET
11	73058347	2	SWITCH (Includes mounting hardware)
12	73069001	2	PLATE



TOOLS

USAGE: Special equipment

ITEM	PART NO.	QTY.	DESCRIPTION
1	73062086	1	BOX
2	70916271	2	CAPSCREW, 3/8"NC x 1"
	70911115	2	WASHER, plain, SAE std., 3/8"
	70910287	2	LOCKWASHER, 3/8"
	70910324	2	NUT, 3/8"NC

(Continued)

TOOLS (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
3	73062089	1	BRACKET, tool box mounting(Requires welding to install)
4	70012389	1	PLIERS, slip joint, 6"
5	70012387	1	HAMMER, ball peen, 1 lb.
6	70036268	1	SCREWDRIVER, 9-3/4" long
7	70914732	1	SCREWDRIVER, Phillips #2
8	70052371	1	BAR, pinch, 16" long
9	70050611	1	WRENCH, open end, double head, 15°, 15/16" and 1-1/16"
10	70050610	1	WRENCH, open end, double head, 15°, 3/4" and 7/8"
11	70050609	1	WRENCH, open end, double head, 15°, 5/8" and 3/4"
12	70050608	1	WRENCH, open end, double head, 15°, 1/2" and 9/16"
13	70050607	1	WRENCH, open end, double head, 15°, 3/8" and 1/2"
14	70914709	1	SOCKET, 1/2" square drive, 1/2" hex
15	70914710	1	SOCKET, 1/2" square drive, 9/16" hex
16	70914711	1	SOCKET, 1/2" square drive, 5/8" hex
17	70914712	1	SOCKET, 1/2" square drive, 11/16" hex
18	70914713	1	SOCKET, 1/2" square drive, 3/4" hex
19	70914714	1	SOCKET, 1/2" square drive, 7/8" hex
20	70914715	1	SOCKET, 1/2" square drive, 15/16" hex
21	70914716	1	SOCKET, 1/2" square drive, 1" hex
22	70914717	1	BAR, extension, socket, 1/2" drive, 2" long
23	70914718	1	BAR, extension, socket, 1/2" drive, 5" long
24	70050612	1	HANDLE, socket, sliding T, 1/2" square drive, 15" long
25	70914719	1	HANDLE, socket, ratchet, 1/2" square drive

ALWAYS GIVE MODEL AND SERIAL NUMBER WHEN ORDERING PARTS

PAINTING AND MARKING
(not illustrated)

NOTE: See items 49 thru 59 for A-C service

ITEM	PART NO.	QTY.	DESCRIPTION
1	70925106	-	ENAMEL, yellow (gallon can)
	70925108	-	ENAMEL, yellow (12 oz. aerosol)
2	70925433	-	ENAMEL, black (quart can)
3	70925110	-	ENAMEL, yellow (gallon can)
	70931729	-	ENAMEL, cream (12 oz. aerosol)
4	73067501	1	KIT, decal, 745-B } includes items 5 thru 48 except 10 (replaces A-C kit)
	73067502	1	
5	70694425	1	DECAL, F-A trademark (front of machine)
6	70694432	2	DECAL, F-A Fiat-Allis (hood)
7	70694438	1	DECAL, Fiat-Allis (counterweight)
8	70694461	3	DECAL, 745-B } (front frame) DECAL, 745H-B }
	70694462	3	
9	73057767	1	DECAL, breaker box
10	73061463	1	ACTIVATOR, 16 oz. can (improves adhesion of decals)
11	73062406	1	DECAL, lube & service (745-B - L. F. fender)
	73062407	1	DECAL, lube & service (745H-B L. F. fender)
12	73062868	1	DECAL, stripe (25' roll - use as required on front frame, bonnet, hood, radiator support)
13	73066551	1	DECAL, low air pressure (instrument panel)
14	73066552	2	DECAL, ladder (platform)
15	73066553	1	DECAL, emergency brake (instrument panel)
16	73066554	1	DECAL, start up - shut down (R. H. cab/canopy post)
17	73066555	1	DECAL, operation (L.H. cab/canopy post)
18	73066556	1	DECAL, bucket (R. H. cab/canopy post)
19	73066557	2	DECAL, articulation (sides of front frame)
20	73066816	1	DECAL, trans. instruction (trans. shift control cover)
21	73067294	1	INSTRUCTION (location of decals)
22	73067352	1	INSTRUCTION, decals and handrail
23	73067606	1	DECAL, clutch release (bonnet)
24	73067607	1	DECAL, oil level (L. H. side bonnet)
25	73067611	1	DECAL, hydraulic tank (underside of tank cover)
26	73067712	1	DECAL, patent (bonnet)
27	73067618	1	PLATE, key switch instruction (instrument panel)
28	73067621	1	DECAL, air restriction indicator (bonnet)
29	73067625	1	DECAL, fuel shut-off (bonnet)
30	73067626	1	DECAL, rear axle disconnect
31	73107881	2	DECAL, rotating blades } radiator support DECAL, batt. vapors } DECAL, fluid under pressure }
32	73107882	2	
33	73107884	1	
34	73107885	1	DECAL, towing (counterweight)
35	73107886	1	DECAL, engine starting (hydraulic console)
36	73107889	1	DECAL, pressure leaks (left fender)
37	73107890	2	DECAL, scissors point (dump cylinders)
38	73107894	1	DECAL, air cleaner
39	73107895	1	DECAL, operator warning (instrument panel)
40	73107897	1	DECAL, brakes (L. F. side rear frame)
41	73108722	1	DECAL, starting fluid (air cleaner stack)
42	73108728	2	DECAL, lube oil filter

(Continued)

PAINTING AND MARKING (Continued)
(not illustrated)

ITEM	PART NO.	QTY.	DESCRIPTION
43	73108815	1	DECAL, check air tanks } L. H. side platform
44	73108820	1	
45	73109131	2	DECAL, operator manual (seat)
46	73109134	2	DECAL, disconnect battery (radiator support)
47	73109796	1	APPLICATOR (for smoothing decals)
48	73109818	1	INSTRUCTION, decal storage/application
49	70688188	1	DECAL, engine starting instruction (effective with engine s/n 11-21052)
50	70924307	1	DECAL, A-C trademark (cowl)
51	70924320	2	DECAL, A-C trademark (hood)
52	70924555	3	DECAL, Allis-Chalmers (hood, counterweight)
53	73024429	1	STICKER, engine stop (instrument panel)
54	73048885	3	STICKER, 745 } cowl and radiator support
55	73056139	3	
56	{ 73056686	1	STICKER, 745 lube and service } R. H. fender
	{ 73103256	1	
57	73104799	1	STICKER, export loading instruction (L. H. side of frame)
58	73105127	1	STICKER (alternator)

NUMERICAL INDEX

Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page
70012389..446		70181742..167		70199896..394		70656896..382		70666421..311	
70036268..446		70181845..424		70199897..394		70656897..382		70666421..313	
70044973..77		70182091..424		70199933..181		70656898..382		70667676..44A	
70044973..82		70182092..424		70208253..137		70656899..382		70669623..249	
70044973..403		70182440..153		70229210..45		70657204..382		70669623..250	
70044973..403		70182763..416		70231713..411		70657707..76		70669623..268	
70049487..164		70183297..384		70234594..366		70657709..76		70677008..402	
70050090..309		70183812..223		70239517..79		70658293..404		70677064..1	
70050607..446		70183824..223		70240028..78		70658293..407		70678570..1	
70050608..446		70184550..262		70242038..76		70658293..413		70678727..1	
70050609..446		70185202..311		70243526..386		70658348..405		70679482..1	
70050610..446		70185202..313		70243527..386		70658759..81		70679513..144	
70050611..446		70185203..311		70243528..386		70658759..82		70680080..373	
70050612..446		70185203..313		70251888..78		70658774..81		70680580..76	
70051998..164		70185220..171		70354055..202		70658781..81		70680581..76	
70052371..446		70185220..176		70605411..437		70658781..82		70681649..1	
70052662..137		70185239..170		70617932..355		70658881..407		70682968..373	
70053667..81		70185239..175		70620721..79		70659123..76		70684010..287	
70056099..81		70185242..171		70621278..388		70659494..249		70684010..290	
70056100..81		70185242..176		70621428..416		70659494..250		70684734..79	
70063890..45		70185243..170		70621429..399		70659494..269		70685399..1	
70063891..45		70185243..176		70621429..399		70660144..402		70688188..447A	
70066467..404		70185245..170		70621429..416		70661162..79		70690916..1	
70066467..407		70185245..176		70621530..79		70661163..79		70694425..447	
70067487..288		70186873..202		70621724..416		70661454..354		70694432..447	
70067487..292		70186873..203		70621821..416		70661455..354		70694438..447	
70067487..302		70187237..195		706226019..1		70661456..355		70694461..447	
70067487..306		70187239..195		70628738..77		70662020..402		70694462..447	
70067508..190		70187241..195		70630540..45		70662477..79		70695471..386	
70070960..293		70189310..170		70631844..142		70662618..79		70698576..1	
70080758..45		70189310..176		70633730..363		70663216..383		70900558..439	
70082443..45		70189311..170		70636102..251		70663227..383		70900559..430	
70082444..45		70189311..176		70636102..252		70663228..383		70900703..253	
70082449..45		70189314..170		70638413..224		70663229..383		70900703..314	
70082487..45		70191741..195		70638413..288		70663230..383		70900703..315	
70082488..45		70191995..260		70638413..292		70663231..383		70900703..399	
70082489..45		70192951..145		70638413..302		70663269..383		70900801..173	
70082490..45		70193212..162		70638413..306		70663278..380		70900802..142	
70084897..45		70194533..133		70639073..439		70663279..380		70900802..40	
70084899..45		70194533..133		70639074..439		70663280..380		70900802..40	
70085558..430		70194541..106		70639916..355		70663282..383		70900802..428	
70085559..430		70194551..112		70645029..81		70663283..383		70900806..138	
70087528..99		70194551..114		70645028..83		70663354..381		70900806..181	
70087528..102		70194585..11		70645029..81		70663355..381		70900806..243	
70088561..98		70194585..12		70645029..83		70663356..379		70900806..243	
70096815..45		70194585..108		70645121..1		70663455..379		70900806..246	
70096816..45		70194679..133		70646631..357		70663455..381		70900806..287	
70160425..206		70194679..11		70647418..357		70663456..382		70900806..291	
70160425..210		70194679..12		70647418..359		70663459..382		70900806..301	
70160425..213		70194680..133		70647418..390		70663977..313		70900806..305	
70161824..407		70195085..396		70648180..356		70664027..249		70900806..346	
70161824..409		70196606..77		70648180..358		70664536..379		70900806..348	
70166222..210		70196735..209		70650317..76		70664537..380		70900806..350	
70166222..212		70196735..212		70650411..1		70664538..380		70900806..352	
70166697..170		70196759..209		70650412..1		70664539..380		70900806..355	
70166697..176		70196759..212		70650944..399		70664540..379		70900806..379	
70177418..195		70196803..146		70652890..383		70664541..379		70900806..381	
70177419..195		70197059..146		70653570..354		70664542..382		70900806..382	
70178960..195		70197211..77		70653570..354		70664543..382		70900808..228	
70178963..195		70197810..79		70654033..382		70664544..382		70900808..39	
70178964..195		70198720..195		70654121..382		70664545..382		70900808..43	
70178965..195		70198775..234		70654123..382		70664548..380		70900811..277	
70178966..195		70199247..151		70654125..382		70664549..380		70900815..441	
70178969..195		70199265..57		70654133..382		70664550..293		70900816..420	
70178972..195		70199266..57		70654168..383		70664551..379		70900816..420	
70179966..194		70199280..403		70654169..383		70665726..313		70900816..420A	
70179966..194		70199657..401		70654257..382		70666243..144		70900816..426	
70179966..208		70199871..252		70655712..355		70666244..144		70900816..439	
70181478..194		70199893..393		70655713..355		70666245..144		70900817..187	
70181478..196		70199894..405		70656895..382		70666359..76		70900817..209	

NUMERICAL INDEX

Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page
70900817..217		70901826..393		70904204..422		70904206..199		70904206..291	
70900817..311		70901834..62		70904204..426		70904206..200		70904206..292	
70900817..346		70901834..414		70904204..435		70904206..202		70904206..293	
70900817..365		70901835..204		70904204..437		70904206..206		70904206..294	
70900817..367		70901835..212		70904204..438		70904206..207		70904206..295	
70900817..391		70901835..219		70904204..439		70904206..208		70904206..308	
70900817..393		70901838..206		70904204..441		70904206..209		70904206..309	
70900817..400		70901838..207		70904205..143		70904206..211		70904206..311	
70900817..401		70901838..210		70904205..181		70904206..212		70904206..313	
70900817..442		70901838..414		70904205..195		70904206..216		70904206..346	
70900818..99		70901839..206		70904205..199		70904206..217		70904206..348	
70900818..395		70901839..207		70904205..202		70904206..221		70904206..354	
70900818..396		70901839..209		70904205..204		70904206..225		70904206..355	
70900818..396		70902871..400		70904205..207		70904206..227		70904206..357	
70900818..399		70902871..401		70904205..211		70904206..228		70904206..359	
70900970..76		70903574..44		70904205..221		70904206..230		70904206..365	
70900970..77		70903630..222		70904205..225		70904206..235		70904206..366	
70901171..427		70903631..282		70904205..227		70904206..236		70904206..367	
70901171..428		70903631..284		70904205..231		70904206..237		70904206..368	
70901171..434		70903756..143		70904205..231		70904206..238		70904206..369	
70901172..428		70903773..427		70904205..233		70904206..239		70904206..382	
70901310..418		70903773..431		70904205..35		70904206..240		70904206..385	
70901478..200		70903774..228		70904205..36		70904206..27		70904206..386	
70901479..114		70903775..424		70904205..39		70904206..29		70904206..390	
70901489..201		70904001..89		70904205..40		70904206..33		70904206..393	
70901489..203		70904004..157		70904205..43		70904206..34		70904206..394	
70901489..206		70904004..231		70904205..44		70904206..35		70904206..396	
70901489..210		70904203..191		70904205..44		70904206..36		70904206..397	
70901500..95		70904203..58		70904205..51		70904206..39		70904206..398	
70901502..228		70904203..410		70904205..52		70904206..39		70904206..399	
70901520..35		70904203..418		70904205..65		70904206..40		70904206..400	
70901651..222		70904203..427		70904205..67		70904206..43		70904206..401	
70901651..81		70904203..428		70904205..67		70904206..47		70904206..403	
70901651..82		70904203..430		70904205..67		70904206..48		70904206..424	
70901652..230		70904203..439		70904205..69		70904206..49		70904206..424	
70901652..50		70904204..141		70904205..71		70904206..59		70904206..433	
70901653..144		70904204..141		70904205..73		70904206..62		70904206..442	
70901666..30		70904204..143		70904205..75		70904206..64		70904207..146	
70901666..32		70904204..194		70904205..77		70904206..65		70904207..148	
70901667..160		70904204..195		70904205..85		70904206..67		70904207..216	
70901667..161		70904204..196		70904205..89		70904206..69		70904207..222	
70901677..112		70904204..213		70904205..91		70904206..76		70904207..222	
70901677..114		70904204..219		70904205..94		70904206..81		70904207..223	
70901695..35		70904204..227		70904205..102		70904206..82		70904207..228	
70901702..277		70904204..18		70904205..264		70904206..83		70904207..237	
70901702..392		70904204..30		70904205..317		70904206..84		70904207..239	
70901702..404		70904204..32		70904205..318		70904206..85		70904207..26	
70901702..407		70904204..39		70904205..323		70904206..88		70904207..48	
70901704..201		70904204..43		70904205..325		70904206..90		70904207..49	
70901704..203		70904204..67		70904205..326		70904206..91		70904207..51	
70901704..210		70904204..81		70904205..329		70904206..92		70904207..80	
70901715..206		70904204..83		70904205..331		70904206..93		70904207..85	
70901716..209		70904204..89		70904205..332		70904206..95		70904207..89	
70901716..212		70904204..253		70904205..335		70904206..100		70904207..100	
70901722..194		70904204..289		70904205..337		70904206..101		70904207..101	
70901723..203		70904204..295		70904205..342		70904206..101		70904207..107	
70901723..442		70904204..302		70904205..366		70904206..103		70904207..112	
70901724..206		70904204..350		70904205..375		70904206..112		70904207..266	
70901724..443		70904204..352		70904205..375		70904206..248		70904207..267	
70901726..35		70904204..354		70904205..375A		70904206..251		70904207..287	
70901763..81		70904204..372		70904205..403		70904206..252		70904207..290	
70901763..83		70904204..391		70904205..427		70904206..254		70904207..400	
70901781..77		70904204..393		70904205..431		70904206..265		70904208..141	
70901826..201		70904204..397		70904205..443		70904206..271		70904208..145	
70901826..202		70904204..398		70904206..135		70904206..274		70904208..146	
70901826..203		70904204..399		70904206..182		70904206..282		70904208..148	
70901826..203		70904204..405		70904206..185		70904206..284		70904208..178	
70901826..210		70904204..418		70904206..187		70904206..287		70904208..203	
70901826..225		70904204..420		70904206..189		70904206..288		70904208..207	
70901826..392		70904204..420		70904206..199		70904206..290		70904208..228	

NUMERICAL INDEX

Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page
70904208..236		70904271..206		70910244..138		70910287..445		70910329..354	
70904208..238		70904271..95		70910244..141		70910323..195		70910329..354	
70904208..33		70904281..271		70910244..187		70910323..227		70910329..355	
70904208..34		70905121..91		70910244..80		70910323..44		70910334..195	
70904208..40		70905122..138		70910244..88		70910323..67		70910335..143	
70904208..44		70905126..28		70910244..250		70910323..69		70910335..181	
70904208..44A		70905127..19		70910244..253		70910323..85		70910335..204	
70904208..47		70905261..263		70910244..254		70910323..94		70910335..427	
70904208..48		70905347..173		70910244..260		70910323..102		70910335..431	
70904208..49		70905347..263		70910244..265		70910323..375		70910335..443	
70904208..50		70905655..438		70910244..294		70910323..375		70910337..424	
70904208..50		70905661..221		70910244..301		70910323..375A		70910365..173	
70904208..52		70905661..225		70910244..301		70910323..427		70910479..112	
70904208..59		70905752..170		70910244..305		70910323..431		70910545..231	
70904208..67		70906058..200		70910244..311		70910324..141		70910847..91	
70904208..69		70906759..430		70910244..313		70910324..181		70910847..254	
70904208..80		70906795..58		70910244..343		70910324..204		70910867..254	
70904208..84		70906937..195		70910244..423		70910324..216		70910876..76	
70904208..85		70906958..424		70910244..442		70910324..217		70910876..263	
70904208..88		70906959..224		70910251..191		70910324..227		70910880..213	
70904208..247		70906985..76		70910251..58		70910324..444		70910919..29	
70904208..265		70906985..417		70910251..76		70910324..49		70910919..96	
70904208..266		70907059..413		70910255..138		70910324..64		70910923..379	
70904208..267		70907070..168		70910255..254		70910324..81		70910948..134	
70904208..268		70907072..160		70910255..288		70910324..82		70910948..170	
70904208..277		70907072..161		70910255..302		70910324..88		70910948..176	
70904208..293		70907801..202		70910255..349		70910324..89		70910948..228	
70904208..294		70907801..219		70910255..351		70910324..265		70910980..181	
70904208..311		70907801..89		70910267..89		70910324..282		70910980..342	
70904208..313		70907856..191		70910267..89		70910324..284		70910986..228	
70904208..341		70908944..382		70910287..134		70910324..287		70910986..29	
70904208..348		70909008..441		70910287..138		70910324..288		70911017..211	
70904208..349		70909055..419		70910287..138		70910324..288		70911017..215	
70904208..351		70909055..420		70910287..141		70910324..290		70911024..45	
70904208..354		70909055..440		70910287..141		70910324..291		70911026..293	
70904208..355		70910002..29		70910287..142		70910324..292		70911026..382	
70904208..356		70910123..138		70910287..143		70910324..293		70911031..380	
70904208..357		70910123..138		70910287..181		70910324..295		70911040..141	
70904208..358		70910123..141		70910287..204		70910324..301		70911040..81	
70904208..367		70910123..226		70910287..205		70910324..306		70911040..83	
70904208..374		70910123..63		70910287..222		70910324..354		70911040..89	
70904208..388		70910123..270		70910287..224		70910324..355		70911040..391	
70904208..390		70910123..371		70910287..224		70910324..366		70911040..393	
70904208..390		70910123..391		70910287..226		70910324..368		70911040..398	
70904208..395		70910123..392		70910287..444		70910324..370		70911040..405	
70904208..396		70910126..414		70910287..96		70910324..386		70911040..441	
70904208..399		70910147..199		70910287..97		70910324..396		70911041..199	
70904208..400		70910149..95		70910287..114		70910324..397		70911041..202	
70904208..400		70910160..434		70910287..114		70910324..398		70911041..59	
70904208..401		70910161..208		70910287..261		70910324..400		70911041..81	
70904208..402		70910195..141		70910287..270		70910324..423		70911041..82	
70904208..403		70910195..253		70910287..272		70910324..445		70911041..95	
70904208..403		70910195..354		70910287..273		70910325..146		70911041..251	
70904208..422		70910195..355		70910287..276		70910325..444		70911041..252	
70904209..141		70910195..367		70910287..277		70910325..50		70911041..308	
70904209..146		70910195..399		70910287..277		70910325..88		70911041..309	
70904209..148		70910224..39		70910287..279		70910325..265		70911041..365	
70904209..162		70910224..43		70910287..301		70910325..294		70911041..366	
70904209..44		70910224..63		70910287..305		70910325..301		70911041..367	
70904209..277		70910231..114		70910287..305		70910325..305		70911041..368	
70904209..388		70910231..269		70910287..306		70910325..313		70911041..369	
70904223..33		70910233..181		70910287..359		70910325..346		70911041..370	
70904224..154		70910233..202		70910287..370		70910325..355		70911041..385	
70904224..158		70910233..204		70910287..371		70910325..375A		70911041..393	
70904224..163		70910233..123		70910287..391		70910325..396		70911041..394	
70904224..108		70910233..125		70910287..392		70910325..399		70911041..442	
70904224..111		70910233..264		70910287..396		70910325..399		70911042..80	
70904239..200		70910233..374		70910287..423		70910325..402		70911042..89	
70904239..442		70910243..410		70910287..425		70910325..423		70911042..287	
70904269..208		70910243..430		70910287..443		70910329..141		70911042..290	

NUMERICAL INDEX

Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page
70911042..301		70911115..432		70912793..206		70914392..285		70914876..388	
70911042..305		70911115..433		70912840..39		70914392..318		70914900..64	
70911043..181		70911115..445		70912900..166		70914392..325		70915228..138	
70911043..254		70911169..149		70913039..29		70914392..331		70915228..59	
70911043..277		70911169..151		70913105..288		70914392..337		70915228..365	
70911043..293		70911170..204		70913105..292		70914398..226		70915228..369	
70911043..294		70911327..219		70913105..301		70914398..81		70915228..371	
70911043..301		70911327..89		70913105..306		70914465..141		70915257..57	
70911043..305		70911413..85		70913105..367		70914465..162		70915276..149	
70911043..311		70911414..67		70913168..39		70914465..165		70915276..150	
70911043..388		70911414..69		70913177..137		70914465..243		70915343..227	
70911043..390		70911422..44		70913177..141		70914465..90		70915343..253	
70911043..399		70911435..207		70913177..181		70914465..98		70915343..350	
70911043..422		70911437..207		70913177..264		70914465..98A		70915343..352	
70911049..162		70911623..315		70913177..288		70914465..245		70915406..45	
70911049..182		70911993..80		70913177..292		70914465..274		70915406..350	
70911049..184		70911993..100		70913177..253		70914465..277		70915406..350	
70911049..187		70911993..101		70913177..301		70914465..277		70915406..352	
70911049..189		70911993..368		70913177..306		70914465..278		70915406..352	
70911049..192		70911993..370		70913177..346		70914465..377		70915406..426	
70911049..45		70912069..135		70913177..348		70914465..379		70915408..209	
70911049..277		70912069..27		70913177..350		70914465..383		70915408..211	
70911100..369		70912188..107		70913177..352		70914487..99		70915408..212	
70911114..141		70912201..51		70913249..311		70914488..165		70915408..227	
70911114..253		70912201..96		70913257..206		70914488..360		70915408..27	
70911114..350		70912201..417		70913257..210		70914488..363		70915408..62	
70911114..352		70912298..216		70913257..213		70914626..196		70915408..65	
70911114..354		70912298..301		70913257..442		70914626..200		70915408..69	
70911114..372		70912298..305		70913432..97		70914626..207		70915408..76	
70911114..396		70912298..442		70913463..318		70914630..394		70915408..83	
70911114..398		70912299..425		70913463..326		70914670..52		70915408..264	
70911114..430		70912299..433		70913463..332		70914670..67		70915408..271	
70911114..435		70912307..375A		70913463..337		70914670..67		70915408..273	
70911114..437		70912333..52		70913463..343		70914670..69		70915408..301	
70911114..441		70912333..84		70913528..149		70914670..77		70915408..305	
70911114..442		70912415..49		70913528..57		70914670..403		70915408..309	
70911115..182		70912415..56		70913528..81		70914678..96		70915408..346	
70911115..192		70912415..99		70913535..187		70914678..114		70915408..348	
70911115..199		70912415..101		70913535..189		70914678..417		70915408..357	
70911115..205		70912441..170		70913540..369		70914686..76		70915408..357	
70911115..211		70912441..173		70913540..440		70914709..446		70915408..359	
70911115..212		70912441..176		70913544..85		70914710..446		70915408..386	
70911115..83		70912441..97		70913569..173		70914711..446		70915408..394	
70911115..88		70912441..253		70913636..143		70914712..446		70915408..396	
70911115..101		70912441..254		70913636..199		70914713..446		70915408..398	
70911115..251		70912441..280		70913636..89		70914714..446		70915408..425	
70911115..254		70912441..301		70913636..366		70914715..446		70915408..433	
70911115..270		70912441..335		70913697..422		70914716..446		70915408..443	
70911115..271		70912441..375A		70913704..185		70914717..446		70915439..148	
70911115..273		70912441..423		70913704..187		70914718..446		70915480..207	
70911115..277		70912444..222		70913704..189		70914719..446		70915480..270	
70911115..279		70912597..40		70913827..44		70914732..446		70915480..276	
70911115..288		70912611..428		70913830..260		70914773..40		70915480..366	
70911115..291		70912660..143		70913938..200		70914773..40		70915480..368	
70911115..295		70912731..416		70913938..209		70914839..283		70915493..206	
70911115..308		70912765..288		70914086..209		70914847..143		70915514..217	
70911115..309		70912765..291		70914086..212		70914847..200		70915521..402	
70911115..348		70912765..390		70914087..206		70914847..226		70915779..99	
70911115..355		70912765..395		70914087..208		70914847..64		70915788..53	
70911115..365		70912765..398		70914087..212		70914847..67		70915788..55	
70911115..369		70912765..399		70914089..438		70914847..69		70915788..57	
70911115..371		70912772..85		70914105..440		70914847..92		70915789..253	
70911115..385		70912772..282		70914120..440		70914847..274		70915789..315	
70911115..386		70912772..284		70914354..181		70914847..276		70915790..145	
70911115..396		70912772..311		70914392..207		70914847..287		70915790..148	
70911115..423		70912772..313		70914392..35		70914847..290		70915797..354	
70911115..424		70912793..199		70914392..36		70914847..291		70915797..355	
70911115..425		70912793..199		70914392..51		70914847..354		70915807..195	
70911115..426		70912793..200		70914392..94		70914847..355		70915807..144	
70911115..431		70912793..201		70914392..283		70914875..178		70915807..102	

NUMERICAL INDEX

Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page
70915809..227		70916009..34		70916271..216		70916275..291		70916381..207	
70915809..40		70916019..214		70916271..224		70916276..81		70916381..208	
70915809..44		70916028..388		70916271..235		70916277..224		70916381..211	
70915809..44		70916079..418		70916271..236		70916277..28		70916381..81	
70915809..67		70916171..142		70916271..238		70916277..34		70916381..346	
70915809..85		70916183..222		70916271..240		70916277..65		70916381..348	
70915809..102		70916191..216		70916271..27		70916277..71		70916381..369	
70915809..326		70916191..226		70916271..33		70916277..73		70916381..385	
70915809..331		70916191..317		70916271..34		70916277..75		70916381..392	
70915809..332		70916191..323		70916271..36		70916278..67		70916381..394	
70915809..443		70916191..401		70916271..444		70916279..69		70916383..199	
70915813..193		70916197..49		70916271..82		70916280..228		70916383..369	
70915813..211		70916197..51		70916271..90		70916282..30		70916384..311	
70915813..39		70916197..85		70916271..100		70916282..32		70916385..138	
70915813..43		70916197..95		70916271..101		70916282..43		70916385..141	
70915813..403		70916197..107		70916271..101		70916282..426		70916385..199	
70915841..187		70916197..112		70916271..114		70916282..439		70916385..442	
70915841..190		70916197..114		70916271..254		70916284..141		70916387..142	
70915842..185		70916197..266		70916271..271		70916284..30		70916388..369	
70915842..187		70916197..267		70916271..294		70916284..32		70916389..82	
70915842..189		70916197..400		70916271..308		70916284..67		70916391..251	
70915842..190		70916197..401		70916271..309		70916284..289		70916391..252	
70915865..190		70916206..143		70916271..357		70916284..302		70916395..223	
70915874..346		70916206..91		70916271..359		70916284..354		70916399..435	
70915874..348		70916225..277		70916271..366		70916284..418		70916399..437	
70915874..349		70916225..279		70916271..369		70916284..420		70916400..81	
70915874..351		70916225..309		70916271..371		70916285..196		70916400..83	
70915905..133		70916225..367		70916271..397		70916285..213		70916400..396	
70915969..33		70916225..368		70916271..398		70916285..372		70916400..405	
70915969..47		70916225..369		70916271..400		70916285..397		70916400..424	
70915969..97		70916225..370		70916271..445		70916285..399		70916400..439	
70915972..187		70916225..391		70916272..217		70916301..356		70916402..391	
70915972..192		70916225..393		70916272..237		70916301..358		70916402..393	
70915972..216		70916228..369		70916272..239		70916309..145		70916404..141	
70915972..314		70916240..99		70916272..39		70916309..147		70916414..15	
70915972..314		70916254..146		70916272..43		70916309..207		70916421..254	
70915972..315		70916254..148		70916272..49		70916310..44		70916422..277	
70915972..348		70916255..48		70916272..81		70916310..357		70916422..219	
70915987..187		70916262..380		70916272..82		70916310..400		70916533..195	
70915987..192		70916268..49		70916272..88		70916311..238		70916584..301	
70915987..236		70916269..221		70916272..261		70916311..47		70916584..305	
70915987..50		70916269..34		70916272..271		70916311..49		70916589..145	
70915987..265		70916269..36		70916272..276		70916311..85		70916589..148	
70915987..265		70916269..84		70916272..277		70916311..247		70916589..160	
70915987..266		70916269..85		70916272..279		70916311..266		70916589..166	
70915987..267		70916269..112		70916272..284		70916311..314		70916589..15	
70915987..280		70916269..114		70916272..288		70916311..375A		70916589..15	
70915987..341		70916269..261		70916272..292		70916311..401		70916599..53	
70915987..346		70916269..401		70916272..293		70916311..402		70916589..55	
70915987..348		70916269..423		70916272..295		70916311..423		70916589..57	
70915987..349		70916270..182		70916272..301		70916313..216		70916589..253	
70915987..351		70916270..185		70916272..306		70916313..48		70916621..396	
70915987..355		70916270..187		70916272..309		70916313..374		70916621..434	
70915987..369		70916270..189		70916272..313		70916314..146		70916622..194	
70915987..371		70916270..200		70916272..354		70916314..148		70916622..196	
70915987..375A		70916270..206		70916272..355		70916314..44A		70916622..227	
70915987..395		70916270..207		70916272..386		70916314..348		70916622..78	
70915987..396		70916270..208		70916272..403		70916315..146		70916622..295	
70915987..399		70916270..209		70916272..403		70916315..443		70916622..372	
70915987..400		70916270..78		70916273..181		70916316..80		70916622..391	
70915987..401		70916270..386		70916273..89		70916317..97		70916622..396	
70915987..402		70916270..390		70916273..276		70916319..33		70916622..397	
70915987..402		70916270..392		70916273..295		70916333..254		70916622..399	
70915987..403		70916270..398		70916273..370		70916358..360		70916622..406	
70915987..403		70916270..399		70916274..33		70916377..150		70916622..412	
70915990..96		70916271..135		70916274..91		70916381..142		70916622..418	
70916001..39		70916271..138		70916274..271		70916381..187		70916622..422	
70916001..44		70916271..204		70916275..64		70916381..192		70916622..424	
70916001..369		70916271..205		70916275..92		70916381..199		70916622..426	
70916004..313		70916271..205		70916275..287		70916381..202		70916623..315	

NUMERICAL INDEX

Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page
70916630..209		70917370..205		70917673..39		70919048..250		70919423..67	
70916630..212		70917370..206		70917673..43		70919048..268		70919423..69	
70916634..277		70917385..407		70917680..91		70919062..54		70919423..395	
70916705..392		70917385..409		70917758..253		70919062..58		70919423..396	
70916867..100		70917388..396		70917778..383		70919062..59		70919423..399	
70916867..101		70917393..411		70917806..71		70919062..59		70919439..240	
70916867..107		70917395..407		70917806..72		70919063..227		70919439..371	
70916873..313		70917395..409		70917806..73		70919063..228		70919440..416	
70916880..398		70917395..411		70917806..75		70919063..228		70919497..196	
70916937..138		70917395..421		70917807..51		70919064..238		70919497..204	
70916950..297		70917415..215		70917807..52		70919064..240		70919503..199	
70916950..424		70917415..343		70917807..65		70919076..9		70919503..199	
70916951..203		70917415..405		70917807..84		70919081..9		70919503..200	
70916951..395		70917415..407		70917807..96		70919127..209		70919503..216	
70916956..374		70917415..410		70917808..227		70919127..444		70919511..199	
70916956..375		70917415..411		70917808..228		70919128..228		70919511..200	
70916964..78		70917415..412		70917809..71		70919134..136		70919526..201	
70916964..297		70917415..419		70917809..72		70919134..214		70919535..207	
70916964..391		70917415..420		70917809..73		70919134..231		70919535..207	
70916964..396		70917415..422		70917809..75		70919134..33		70919546..196	
70916964..406		70917415..430		70917810..51		70919134..51		70919546..196	
70916964..412		70917415..439		70917810..52		70919134..65		70919546..209	
70916965..78		70917425..213		70917810..65		70919134..404		70919615..382	
70916965..297		70917430..443		70917810..84		70919134..407		70919621..236	
70916965..368		70917437..407		70917810..96		70919135..51		70919621..238	
70916965..370		70917443..390		70917811..227		70919136..202		70919621..240	
70916965..371		70917443..405		70917811..228		70919172..196		70919621..271	
70916966..146		70917443..407		70917812..71		70919172..203		70919621..309	
70916966..147		70917443..409		70917889..287		70919172..444		70919624..146	
70916966..266		70917443..421		70917889..290		70919173..194		70919625..270	
70916966..314		70917447..283		70917967..165		70919173..208		70919766..228	
70916966..395		70917447..284		70917970..33		70919173..81		70919767..228	
70916966..396		70917447..296		70918194..430		70919173..83		70919768..9	
70916971..142		70917447..298		70918266..297		70919183..228		70919785..317	
70917021..30		70917452..422		70918308..82		70919195..209		70919785..323	
70917021..32		70917462..219		70918308..267		70919206..227		70919785..329	
70917027..215		70917462..89		70918308..271		70919206..228		70919785..342	
70917200..301		70917467..261		70918308..276		70919215..311		70919787..35	
70917200..305		70917484..183		70918308..308		70919224..141		70919797..71	
70917209..214		70917484..190		70918308..309		70919224..35		70919797..73	
70917330..228		70917503..212		70918308..386		70919224..93		70919800..72	
70917330..34		70917546..39		70918308..403		70919224..400		70919800..73	
70917350..213		70917546..43		70918308..426		70919224..401		70919800..75	
70917351..204		70917554..39		70918374..62		70919226..39		70919820..9	
70917351..205		70917554..43		70918454..98		70919226..43		70919820..10	
70917351..213		70917560..25		70918543..95		70919226..103		70919821..9	
70917352..213		70917570..420A		70918627..171		70919227..92		70919821..10	
70917354..199		70917570..444A		70918627..176		70919228..100		70919840..236	
70917354..201		70917580..136		70918683..52		70919228..101		70919840..238	
70917354..205		70917585..182		70918802..228		70919230..228		70919840..240	
70917354..206		70917585..184		70918802..54		70919230..84		70919840..19	
70917356..193		70917646..142		70918804..54		70919230..249		70919840..50	
70917356..208		70917648..181		70918809..53		70919232..33		70919840..64	
70917356..374		70917648..287		70918809..54		70919235..309		70919840..85	
70917365..215		70917648..291		70918809..56		70919235..309		70919840..92	
70917365..396		70917648..355		70918850..112		70919235..311		70919840..112	
70917365..398		70917663..181		70918850..114		70919269..146		70919840..114	
70917365..405		70917666..137		70918887..193		70919277..9		70919840..314	
70917365..407		70917666..181		70918887..230		70919281..9		70919860..65	
70917365..410		70917666..181		70918887..65		70919282..9		70919982..185	
70917365..411		70917666..346		70918903..80		70919287..29		70919982..187	
70917365..412		70917666..348		70918906..77		70919287..33		70919982..189	
70917365..420		70917666..349		70918951..204		70919290..44		70919982..190	
70917365..422		70917666..350		70918951..47		70919293..47		70920131..91	
70917365..434		70917666..351		70919005..51		70919332..178		70920131..94	
70917368..204		70917666..352		70919005..96		70919342..382		70920144..9	
70917368..205		70917666..355		70919015..276		70919351..219		70920145..380	
70917370..199		70917673..233		70919015..308		70919423..141		70920155..9	
70917370..200		70917673..19		70919015..403		70919423..228		70920221..9	
70917370..205		70917673..25		70919048..84		70919423..34		70920232..9	

NUMERICAL INDEX

Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page
70920275..134		70920795..9		70921185..196		70921217..144		70921912..238	
70920275..301		70920800..194		70921185..196		70921217..148		70921912..240	
70920275..305		70920801..194		70921185..205		70921217..234		70921912..266	
70920279..65		70920805..194		70921185..212		70921226..9		70921913..236	
70920280..52		70920805..194		70921186..209		70921226..10		70921913..237	
70920280..65		70920805..208		70921186..211		70921227..236		70921913..239	
70920303..9		70920806..202		70921186..212		70921227..238		70921913..101	
70920333..230		70920806..203		70921186..212		70921227..240		70921913..266	
70920333..232		70920806..10		70921186..216		70921227..240		70921913..442	
70920333..33		70920807..209		70921189..199		70921230..335		70921914..100	
70920333..48		70920848..9		70921189..200		70921235..236		70921914..101	
70920340..25		70920850..9		70921189..201		70921235..318		70921915..53	
70920344..9		70920852..9		70921189..206		70921235..319		70921915..54	
70920388..203		70920863..9		70921200..378		70921235..326		70921915..57	
70920388..10		70920865..9		70921203..234		70921235..327		70921958..441	
70920389..202		70920867..9		70921203..236		70921235..332		70921960..194	
70920389..203		70920868..9		70921203..267		70921235..333		70921965..367	
70920398..228		70920875..9		70921204..342		70921235..337		70921965..371	
70920399..227		70920902..9		70921206..234		70921235..338		70921965..396	
70920399..228		70920902..10		70921206..236		70921235..343		70921969..265	
70920403..231		70920944..9		70921206..35		70921251..228		70921971..297	
70920411..73		70920945..9		70921206..36		70921299..33		70922014..77	
70920415..371		70920945..9		70921206..254		70921311..375		70922042..10	
70920416..33		70920946..9		70921206..267		70921311..375A		70922043..10	
70920416..35		70920946..10		70921206..283		70921318..234		70922044..10	
70920416..36		70920946..10		70921206..284		70921332..342		70922045..10	
70920435..297		70920952..9		70921206..296		70921332..375		70922066..48	
70920437..440		70920953..9		70921205..317		70921339..227		70922088..412	
70920450..54		70920972..9		70921206..319		70921339..228		70922121..440	
70920469..228		70920973..9		70921206..323		70921343..150		70922195..309	
70920469..85		70920973..9		70921206..323		70921343..254		70922198..93	
70920473..63		70920978..9		70921206..324		70921372..65		70922238..36	
70920473..65		70920982..10		70921206..329		70921390..396		70922257..295	
70920513..9		70920986..9		70921206..330		70921411..167		70922257..297	
70920513..10		70920986..10		70921206..331		70921446..365		70922256..335	
70920523..430		70921024..314		70921206..335		70921508..30		70922287..426	
70920525..92		70921024..315		70921206..336		70921556..48		70922299..207	
70920530..9		70921024..346		70921206..341		70921566..375		70922300..167	
70920540..47		70921033..9		70921206..342		70921566..375A		70922304..317	
70920541..47		70921034..9		70921206..343		70921579..207		70922304..323	
70920574..47		70921073..35		70921210..240		70921587..207		70922304..329	
70920583..157		70921076..49		70921210..366		70921590..207		70922304..335	
70920584..153		70921104..212		70921210..368		70921590..207		70922355..9	
70920584..163		70921113..414		70921210..370		70921702..420A		70922357..10	
70920584..168		70921113..426		70921210..146		70921706..386		70922411..237	
70920601..223		70921116..235		70921214..146		70921793..199		70922411..239	
70920611..308		70921116..236		70921214..146		70921865..47		70922419..346	
70920613..149		70921116..237		70921214..148		70921883..288		70922419..348	
70920616..252		70921116..238		70921214..235		70921883..291		70922419..349	
70920622..181		70921116..239		70921214..236		70921883..301		70922419..350	
70920622..199		70921116..240		70921214..238		70921883..305		70922419..351	
70920622..202		70921116..277		70921214..239		70921883..317		70922419..352	
70920622..89		70921116..309		70921214..240		70921883..323		70922421..370	
70920622..366		70921117..237		70921214..254		70921883..329		70922465..47	
70920622..374		70921117..239		70921214..319		70921885..9		70922471..77	
70920623..151		70921117..266		70921214..324		70921885..52		70922491..295	
70920638..441		70921117..267		70921214..325		70921885..52		70922491..297	
70920648..144		70921117..267		70921214..327		70921886..343		70922526..170	
70920658..392		70921118..238		70921214..330		70921887..238		70922526..176	
70920682..47		70921118..265		70921214..330		70921897..200		70922577..52	
70920682..97		70921118..266		70921214..331		70921903..209		70922586..374	
70920686..315		70921140..150		70921214..333		70921903..212		70922586..375	
70920700..84		70921143..223		70921214..336		70921910..62		70922586..375	
70920720..195		70921173..166		70921214..336		70921911..85		70922632..146	
70920720..210		70921175..146		70921214..341		70921911..55		70922632..148	
70920721..210		70921176..313		70921214..342		70921911..442		70922632..148	
70920722..95		70921176..395		70921214..343		70921911..443		70922632..235	
70920728..9		70921178..364		70921216..53		70921912..145		70922632..236	
70920751..382		70921184..211		70921216..55		70921912..147		70922644..146	
70920784..435		70921184..212		70921216..56		70921912..236		70922644..148	

NUMERICAL INDEX

Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page
70922645..314		70923561..336		70923683..413		70923979..58		70924851..238	
70922660..228		70923561..342		70923701..424		70923988..319		70924851..240	
70922704..430		70923562..261		70923703..57		70923988..324		70924851..309	
70922711..398		70923564..247		70923703..385		70923988..326		70924944..133	
70922711..398		70923566..319		70923718..235		70923988..327		70924944..11	
70922747..65		70923566..320		70923718..236		70923988..330		70924944..12	
70922831..9		70923566..324		70923718..237		70923988..331		70924958..440	
70922832..9		70923566..326		70923718..238		70923988..333		70924988..174	
70922832..9		70923566..327		70923718..239		70923988..336		70925015..54	
70922832..10		70923566..330		70923718..240		70923988..341		70925041..141	
70922849..403		70923566..332		70923718..271		70923990..283		70925042..141	
70922902..102		70923566..333		70923718..271		70923990..285		70925042..293	
70922928..404		70923566..336		70923718..271		70924003..313		70925042..354	
70922928..407		70923566..341		70923718..272		70924038..317		70925063..443	
70922932..420A		70923571..341		70923718..276		70924038..323		70925092..145	
70922943..60		70923574..12		70923718..277		70924038..329		70925092..147	
70922967..209		70923574..13		70923718..279		70924038..333		70925093..405	
70922967..212		70923574..49		70923718..309		70924038..335		70925093..406	
70922996..144		70923574..260		70923719..313		70924038..342		70925093..413	
70922997..146		70923574..261		70923811..318		70924068..150		70925093..413	
70922997..148		70923574..313		70923811..326		70924130..271		70925093..414	
70923114..203		70923577..236		70923811..332		70924130..273		70925093..414	
70923114..314		70923577..267		70923811..337		70924130..377		70925094..203	
70923114..395		70923577..283		70923811..343		70924136..154		70925094..205	
70923114..396		70923577..284		70923813..12		70924136..158		70925094..216	
70923166..317		70923577..296		70923813..13		70924139..13		70925094..282	
70923166..323		70923578..265		70923813..49		70924139..63		70925094..288	
70923166..329		70923578..266		70923813..92		70924139..65		70925094..291	
70923166..335		70923578..318		70923813..317		70924180..308		70925094..301	
70923186..9		70923578..325		70923813..318		70924182..146		70925094..305	
70923212..375A		70923578..331		70923813..323		70924182..148		70925094..390	
70923212..420		70923578..337		70923813..325		70924189..71		70925094..391	
70923212..422		70923578..341		70923813..326		70924189..75		70925094..393	
70923251..9		70923579..262		70923813..329		70924192..237		70925094..396	
70923263..9		70923580..219		70923813..329		70924192..239		70925094..402	
70923264..10		70923582..254		70923813..331		70924192..266		70925094..412	
70923300..440		70923584..144		70923813..331		70924192..267		70925094..422	
70923325..208		70923590..166		70923813..332		70924193..238		70925094..438	
70923341..78		70923594..165		70923813..335		70924193..266		70925094..441	
70923341..391		70923645..252		70923813..335		70924195..279		70925094..443	
70923341..396		70923645..260		70923813..337		70924236..342		70925097..392	
70923341..406		70923663..191		70923813..341		70924237..398		70925097..396	
70923341..412		70923664..169		70923813..342		70924237..398		70925106..447	
70923341..422		70923664..175		70923816..13		70924281..272		70925108..447	
70923351..142		70923664..266		70923820..13		70924307..447A		70925110..447	
70923376..214		70923664..267		70923820..34		70924320..447A		70925110..210	
70923376..220		70923664..283		70923820..34		70924353..444A		70925161..405	
70923376..13		70923664..285		70923848..248		70924401..315		70925161..406	
70923376..31		70923664..296		70923849..251		70924555..447A		70925161..407	
70923376..32		70923664..298		70923849..319		70924621..323		70925161..413	
70923379..261		70923664..308		70923849..325		70924621..329		70925166..260	
70923379..342		70923664..317		70923849..330		70924621..341		70925201..283	
70923459..269		70923664..323		70923849..331		70924625..394		70925201..284	
70923510..440		70923664..383		70923849..336		70924632..441		70925201..296	
70923558..220		70923683..146		70923852..220		70924634..267		70925201..298	
70923559..214		70923683..182		70923856..383		70924673..36		70925225..287	
70923559..311		70923683..184		70923865..296		70924729..272		70925225..291	
70923559..313		70923683..206		70923865..298		70924734..272		70925239..209	
70923559..313		70923683..209		70923906..421		70924777..251		70925256..80	
70923559..342		70923683..212		70923909..317		70924796..383		70925284..162	
70923560..319		70923683..95		70923909..323		70924797..379		70925308..442	
70923560..324		70923683..364		70923909..329		70924816..200		70925342..81	
70923560..325		70923683..364		70923909..335		70924816..207		70925342..82	
70923560..330		70923683..365		70923922..311		70924816..209		70925369..215	
70923560..331		70923683..372		70923934..18		70924840..243		70925369..410	
70923560..336		70923683..391		70923944..220		70924840..245		70925369..412	
70923561..296		70923683..394		70923945..342		70924841..248		70925369..419	
70923561..317		70923683..396		70923950..313		70924847..160		70925369..420	
70923561..324		70923683..404		70923965..313		70924847..162		70925425..295	
70923561..331		70923683..406		70923979..51		70924851..236		70925425..297	

NUMERICAL INDEX

Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page
73058960..302		73059070..215		73059492..364		73061198..342		73062025..112	
73058960..306		73059071..215		73059604..430		73061207..416		73062025..117	
73058961..288		73059072..215		73059605..430		73061208..416		73062026..112	
73058961..292		73059073..215		73059606..432		73061210..416		73062026..121	
73058961..302		73059078..414		73059621..430		73061234..430		73062027..112	
73058961..306		73059079..287		73059627..430		73061244..320		73062027..117	
73058962..288		73059079..291		73059633..439		73061244..327		73062027..121	
73058962..292		73059083..314		73059670..430		73061244..333		73062031..112	
73058962..302		73059113..370		73059676..223		73061244..335		73062032..112	
73058962..306		73059130..11		73059681..1		73061253..430		73062034..121	
73058963..288		73059130..12		73059683..439		73061253..432		73062036..122	
73058963..292		73059153..357		73059700..167		73061275..432		73062038..122	
73058963..302		73059153..359		73059729..153		73061276..432		73062039..122	
73058963..306		73059179..263		73059759..444		73061281..103		73062040..122	
73058974..287		73059181..355		73059763..444		73061281..250		73062041..116	
73058974..291		73059193..263		73059761..444		73061282..237		73062041..117	
73058974..301		73059195..403		73059762..444		73061282..239		73062043..112	
73058974..305		73059196..263		73059765..216		73061282..103		73062045..133	
73058975..287		73059197..264		73059774..432		73061283..103		73062048..114	
73058975..291		73059198..264		73059831..426		73061283..266		73062049..114	
73058975..301		73059200..264		73059831..433		73061288..134		73062050..114	
73058975..305		73059202..264		73059832..422		73061360..103		73062051..112	
73058978..287		73059204..264		73059832..426		73061361..103		73062051..114	
73058978..291		73059213..301		73059832..426		73061376..430		73062052..114	
73058978..301		73059213..305		73059832..426		73061377..430		73062053..118	
73058978..305		73059214..165		73059832..433		73061426..238		73062055..121	
73058979..287		73059215..165		73059867..402		73061426..103		73062057..118	
73058979..291		73059216..165		73059873..416		73061427..238		73062058..117	
73058979..301		73059248..301		73059873..420		73061427..103		73062060..115	
73058979..305		73059248..305		73059875..420		73061463..447		73062060..117	
73058980..301		73059252..357		73059875..420A		73061484..88		73062061..116	
73058980..305		73059252..358		73059879..420		73061485..88		73062061..118	
73058981..287		73059255..357		73059884..420		73061486..88		73062062..118	
73058981..291		73059255..358		73059884..422		73061487..88		73062067..112	
73058981..301		73059256..357		73059888..420		73061569..170		73062067..117	
73058981..305		73059256..358		73059890..419		73061569..176		73062068..126	
73058982..287		73059260..357		73059891..419		73061582..426		73062069..126	
73058982..291		73059260..359		73059893..419		73061582..433		73062071..110	
73058982..301		73059268..162		73059894..420		73061731..430		73062076..136	
73058982..305		73059270..386		73059919..420		73061732..430		73062078..117	
73058983..287		73059278..357		73059920..419		73061750..268		73062078..121	
73058983..291		73059281..356		73059928..440		73061792..342		73062083..110	
73058983..301		73059309..403		73059929..439		73061817..250		73062086..445	
73058983..305		73059332..168		73059930..439		73061820..250		73062089..446	
73058984..287		73059335..274		73059937..439		73061828..1		73062091..11	
73058984..291		73059350..356		73059939..439		73061829..1		73062091..12	
73058984..301		73059350..359		73059942..439		73061830..1		73062128..116	
73058984..305		73059352..357		73059950..433		73061838..1		73062130..115	
73058985..288		73059352..359		73059951..426		73061839..1		73062131..110	
73058985..291		73059354..280		73059952..426		73061841..1		73062140..136	
73058985..301		73059381..359		73059952..430		73061842..1		73062166..154	
73058985..305		73059382..359		73059952..432		73061843..1		73062176..343	
73059021..288		73059401..214		73059954..426		73061851..1		73062177..343	
73059021..291		73059403..214		73060174..375		73061852..1		73062177..343	
73059021..301		73059406..214		73050175..375A		73061853..1		73062178..343	
73059021..305		73059407..214		73061018..425		73061888..371		73062190..430	
73059028..302		73059408..214		73061021..398		73061915..250		73062202..281	
73059028..306		73059409..214		73061022..422		73061917..171		73062208..275	
73059030..217		73059410..214		73061044..440		73061917..176		73062288..110	
73059045..190		73059411..214		73061046..440		73061968..110		73062294..378	
73059046..185		73059412..214		73061060..375A		73061981..342		73062295..378	
73059047..190		73059455..425		73061089..159		73061987..171		73062317..173	
73059054..217		73059455..433		73061091..159		73062007..213		73062319..174	
73059055..217		73059461..364		73061126..197		73062007..392		73062320..174	
73059064..212		73059469..192		73061127..197		73062007..394		73062354..342	
73059065..212		73059470..190		73061150..429		73062007..396		73062355..343	
73059066..205		73059473..190		73061191..430		73062007..396		73062356..343	
73059067..205		73059477..425		73061193..141		73062016..126		73062406..447	
73059068..196		73059477..433		73061193..398		73062021..136		73062407..447	
73059069..211		73059481..364		73061197..342		73062024..126		73062425..170	

NUMERICAL INDEX

Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page
73062574..254		73065357..144		73067712..447		73100089..261		73104109..261	
73062624..378		73065358..144		73068244..375		73100170..404		73104114..261	
73062726..136		73065359..144		73068320..375A		73100170..407		73104115..260	
73062773..136		73065413..114		73068363..128		73100170..413		73104116..260	
73062868..447		73065523..114		73068363..107		73100171..405		73104118..260	
73063053..426		73065779..108		73068364..128		73100171..406		73104119..260	
73063084..136		73065780..105		73068571..134		73100171..414		73104120..261	
73063187..168		73065780..110		73068572..114		73100194..236		73104122..261	
73063189..168		73065878..271		73068584..254		73100194..238		73104123..261	
73063290..1		73065994..171		73068585..260		73100194..240		73104124..260	
73063365..243		73065994..176		73068642..260		73100271..277		73104125..261	
73063365..245		73065995..171		73068644..262		73100272..277		73104126..261	
73063369..275		73065995..176		73068645..261		73100276..313		73104127..261	
73063370..281		73066020..173		73068648..254		73100277..313		73104128..261	
73063376..136		73066021..173		73068667..254		73100554..1		73104129..261	
73063376..111		73066022..173		73068881..341		73100629..247		73104130..261	
73063376..12		73066024..174		73068882..302		73100701..9		73104131..261	
73063377..135		73066025..174		73068882..306		73100705..10		73104132..261	
73063378..136		73066078..104		73069001..444B		73100707..131		73104134..260	
73063379..136		73066079..104		73069004..420A		73100707..131		73104135..260	
73063379..12		73066089..170		73069006..444A		73100707..116		73104136..261	
73063386..108		73066089..176		73069007..420A		73100707..118		73104137..261	
73063392..135		73066090..171		73069009..444A		73100708..108		73104138..260	
73063489..426		73066090..176		73069010..420A		73100709..108		73104139..260	
73063558..302		73066361..171		73069011..420A		73100710..106		73104140..261	
73063558..306		73066362..174		73069015..420A		73100727..261		73104143..261	
73063558..329		73066364..171		73069020..420A		73100813..317		73104144..261	
73063558..335		73066364..176		73069093..302		73100814..323		73104145..261	
73063558..341		73066367..171		73069093..306		73100820..403		73104146..261	
73063596..159		73066383..174		73069093..343		73100824..78		73104249..364	
73063621..426		73066415..440		73069094..302		73100825..78		73104280..311	
73063622..426		73066416..440		73069094..306		73100879..374		73104283..395	
73063682..219		73066417..440		73069094..341		73100879..375		73104283..399	
73063683..220		73066418..440		73069097..113		73100880..374		73104305..364	
73063684..220		73066419..440		73069168..108		73100880..375		73104321..148	
73063690..220		73066455..177		73069196..417		73100881..374		73104321..9	
73063694..219		73066455..181		73069238..399		73100907..146		73104353..154	
73063700..162		73066548..134		73069238..417		73100978..248		73104546..252	
73064043..313		73066551..447		73069239..417		73100979..248		73104559..136	
73064299..281		73066552..447		73069240..417		73100980..248		73104560..128	
73064300..281		73066553..447		73069241..417		73100982..247		73104584..276	
73064301..280		73066554..447		73069267..444A		73103066..396		73104585..267	
73064302..280		73066555..447		73069269..444B		73103128..378		73104595..267	
73064445..430		73066556..447		73069299..444		73103146..82		73104596..267	
73064446..430		73066557..447		73069336..118		73103211..266		73104597..267	
73064447..429		73066591..170		73069336..122		73103254..266		73104598..271	
73064448..429		73066601..134		73069365..243		73103256..447A		73104599..271	
73064449..429		73066804..426		73069365..245		73103293..78		73104600..276	
73064450..429		73066816..447		73069409..342		73103295..78		73104639..161	
73064663..159		73067178..1		73069421..12		73103299..434		73104640..162	
73064665..159		73067294..447		73069421..114		73103300..434		73104653..177	
73064715..159		73067296..162		73069439..107		73103342..434		73104655..177	
73064716..159		73067325..261		73069440..108		73103343..434		73104656..177	
73064717..159		73067342..302		73070022..166		73103432..153		73104657..178	
73064718..159		73067342..306		73070266..426		73103434..154		73104658..178	
73064721..159		73067342..341		73070327..261		73103435..154		73104659..178	
73064723..159		73067352..447		73070385..261		73103437..176		73104660..178	
73064725..159		73067501..447		73070449..429		73103439..153		73104661..178	
73064956..249		73067502..447		73070450..429		73103442..154		73104662..178	
73064960..249		73067517..11		73070464..444A		73103444..173		73104663..178	
73065000..128		73067517..12		73070468..444B		73103486..193		73104664..178	
73065001..106		73067517..112		73070586..105		73103620..395		73104665..178	
73065002..107		73067517..114		73070598..111		73103620..396		73104666..178	
73065080..193		73067606..447		73070598..12		73103961..407		73104667..178	
73065099..430		73067607..447		73070598..108		73103962..395		73104668..178	
73065137..144		73067611..447		73070693..136		73103963..295		73104683..193	
73065137..148		73067618..447		73071081..110		73103963..297		73104684..193	
73065296..177		73067621..447		73100059..277		73103964..282		73104685..193	
73065296..181		73067625..447		73100062..277		73103964..284		73104692..146	
73065319..224		73067626..447		73100074..78		73103965..395		73104692..148	

NUMERICAL INDEX

Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page
73104753..247		73105338..410		74040302..232		74055032..95		74060177..65	
73104753..249		73105914..395		74040303..232		74055033..95		74060178..65	
73104763..148		73105916..254		74040305..231		74055034..95		74060179..65	
73104763..9		73105930..384		74040315..232		74055195..87		74060180..65	
73104765..146		73106100..407		74040321..229		74055272..233		74060181..65	
73104775..111		73106103..407		74040323..231		74055273..233		74060371..87	
73104788..187		73106139..240		74040330..230		74055274..233		74060691..45	
73104788..190		73106145..240		74040335..230		74055275..233		74060755..45	
73104789..187		73106145..9		74040336..230		74055276..233		74060799..64	
73104789..192		73106149..240		74040339..230		74055277..233		74060908..61	
73104793..57		73106262..9		74040340..230		74055278..233		74061465..20	
73104796..59		73106262..315		74040341..230		74055279..233		74051466..20	
73104799..447A		73106263..9		74040342..232		74055281..233		74061467..20	
73104803..238		73106263..315		74040343..232		74055282..233		74061468..20	
73104803..239		73106264..315		74040345..233		74055283..233		74061469..20	
73104804..267		73106267..315		74040383..98		74055341..233		74061470..20	
73104804..271		73106269..314		74040384..98A		74055527..231		74061471..20	
73104804..275		73106272..314		74040384..98		74055528..231		74061472..20	
73104814..276		73106340..315		74040385..98		74055529..231		74061473..20	
73104815..371		73106494..314		74040386..98		74055556..231		74061479..22	
73104816..371		73107880..444		74040539..231		74055557..231		74061480..22	
73104875..238		73107881..447		74040550..231		74055558..231		74061482..22	
73104884..237		73107882..447		74041097..90		74055971..47		74061483..22	
73104884..239		73107884..447		74042081..98		74056063..98		74061485..45	
73104884..9		73107885..447		74044209..91		74056232..98		74061786..45	
73104921..403		73107886..447		74044210..91		74056232..98A		74061787..45	
73104953..407		73107889..447		74044211..91		74056265..233		74061788..45	
73104969..239		73107890..447		74044212..91		74056278..233		74061789..45	
73104969..9		73107894..447		74047564..231		74056289..87		74061919..98A	
73105017..364		73107895..447		74048596..62		74056290..87			
73105045..329		73107897..447		74048596..63		74056291..86		74115287..48	
73105045..335		73108722..447		74048597..63		74056294..87		74250898..20	
73105046..329		73108728..447		74048598..63		74056295..87		74252241..97	
73105047..329		73108815..447A		74048649..58		74056296..87		74253270..50	
73105096..89		73108820..447A		74050453..230		74056300..87		74253435..73	
73105113..317		73109131..375A		74050454..230		74056302..86		74253453..27	
73105113..324		73109131..447A		74050462..230		74056303..86		74253490..33	
73105113..331		73109134..447A		74050464..231		74056305..87		74253555..45	
73105113..336		73109796..447A		74050466..232		74056306..87		74253751..47	
73105114..317		73109818..447A		74050467..232		74056314..87		74253773..18	
73105114..324		73111954..1		74050468..232		74056353..229		74253862..98	
73105114..330		74001543..30		74050636..58		74056425..229		74253862..98A	
73105114..336		74001556..30		74050637..58		74058845..231		74253863..98	
73105125..408		74003490..19		74050638..58		74058886..231		74253863..98A	
73105125..410		74004054..33		74050645..58		74058899..230		74253977..27	
73105127..403		74021227..60		74050646..59		74059024..87		74253978..27	
73105127..403		74023007..403		74050646..59		74059029..87		74254151..231	
73105127..447A		74023570..61		74051038..231		74059030..87		74254173..27	
73105229..249		74023571..61		74052124..230		74059049..87		74254363..29	
73105254..320		74025149..60		74052540..63		74059050..86			
73105254..327		74025149..61		74052939..229		74059051..87		74254589..203	
73105254..333		74025229..51		74052940..229		74059262..45		74254646..386	
73105254..338		74025395..67		74053035..59		74059264..45		74254646..386	
73105282..320		74025385..69		74053036..59		74059265..45		74254646..397	
73105282..325		74025391..28		74053037..59		74059266..45		74254891..34	
73105282..333		74025925..85		74053298..229		74059343..45		74254943..62	
73105283..317		74027416..34		74053356..229		74059345..393		74254977..43	
73105283..318		74027439..31		74053409..47		74059380..94		74254991..85	
73105283..323		74027697..18		74053410..47		74059810..45		74254991..85	
73105283..325		74027748..62		74053595..229		74059811..45		74255010..51	
73105283..326		74027748..67		74053968..91					
73105283..329		74028261..30		74052940..229		74059812..45		74255060..64	
73105283..331		74028906..403		74053035..59		74059813..45		74255149..239	
73105293..332		74028945..51		74053036..59		74059814..45		74255149..209	
73105283..335		74028945..52		74053037..59		74059979..94		74255203..75	
73105283..337		74035330..30		74053298..229		74059992..87		74255286..95	
73105283..343		74035530..32		74053356..229		74060139..64		74255287..95	
73105337..408		74040300..231		74053409..47		74060140..64		74255363..92	
73105337..410		74040302..208		74053410..47		74060141..64		74255393..29	
73105338..408		74040302..211		74053595..229		74060175..65		74255465..13	
				74053968..91		74060176..65		74255465..13	
				74054151..233					
				74054434..232					
				74054435..232					
				74054437..230					
				74054439..230					
				74054540..58					
				74054566..95					
				74054568..94					
				74054569..94					
				74055031..94					

NUMERICAL INDEX

Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page
74255465..21		74336128..25		74339198..47		74337578..43		74347781..97	
74255585..22		74336129..26		74339207..69		74337580..39		74347832..29	
74255606..85		74336130..26		74339219..29		74337580..43		74347855..228	
74255644..84		74336131..26		74339220..29		74337581..39		74347921..228	
74255723..29		74336142..29		74339454..47		74337581..43		74347924..27	
74255740..52		74336146..26		74339458..228		74337582..39		74347938..39	
74255772..95		74336148..12		74339459..97		74337582..43		74347939..43	
74255914..25		74336148..26		74339496..85		74337584..39		74347982..400	
74255914..50		74336153..26		74339497..26		74337584..43		74348020..39	
74255961..18		74336156..92		74339498..26		74337602..93		74348020..43	
74255962..18		74336157..25		74339499..25		74337683..20		74348107..33	
74255977..85		74336174..227		74339505..25		74337684..20		74348129..29	
74300145..12		74336178..26		74339511..50		74337685..20		74348130..29	
74300145..13		74336182..12		74339532..85		74337686..20		74348133..13	
74300145..100		74336182..92		74339533..84		74337687..20		74348133..27	
74300145..101		74336234..29		74339535..50		74337688..20		74348136..13	
74306010..44		74336249..67		74339535..85		74337689..20		74348136..34	
74317554..93		74336249..69		74339546..25		74337690..20		74348184..13	
74320613..25		74336250..67		74339547..25		74337698..20		74348184..47	
74320614..26		74336250..69		74339548..25		74337699..20		74348185..13	
74320616..26		74336263..12		74339559..67		74337700..20		74348185..48	
74320617..227		74336263..92		74339560..67		74337701..21		74348215..39	
74320626..15		74336266..12		74339561..67		74337702..21		74348215..43	
74320637..75		74336381..40		74339562..67		74337703..21		74348218..13	
74320638..75		74336384..40		74339563..67		74337704..21		74348218..40	
74320642..61		74336385..40		74339585..84		74337705..21		74348218..44	
74320654..25		74336386..40		74339595..47		74337710..19		74348440..29	
74320654..26		74336436..85		74339606..85		74337711..19		74348502..98	
74320655..25		74336444..26		74339624..25		74337712..19		74348502..98A	
74320655..26		74336491..34		74339625..25		74337713..19		74348682..40	
74320656..228		74336506..92		74339659..28		74337714..19		74348683..40	
74320656..9		74336531..67		74339690..73		74337715..20		74348691..39	
74320656..10		74336532..67		74339692..73		74337716..20		74348691..40	
74320689..25		74336532..69		74339697..48		74337723..28		74348691..40	
74320742..33		74336558..85		74339698..48		74337764..13		74348691..40	
74320776..34		74336609..30		74339712..67		74337972..13		74348757..91	
74320779..402		74336609..32		74339851..63		74337972..13		74348769..39	
74320780..402		74336646..29		74339949..71		74338091..30		74348825..91	
74320781..402		74336676..13		74339949..73		74338143..29		74348991..19	
74320782..402		74336676..30		74341292..30		74338174..228		74348992..19	
74320921..227		74336676..32		74341292..32		74338242..93		74348993..19	
74320922..228		74336680..71		74343799..26		74338243..92		74348994..19	
74320924..228		74336680..72		74344674..64		74338284..228		74348995..19	
74320925..228		74336681..71		74344938..63		74338299..28		74349037..35	
74320927..96		74336681..73		74346138..13		74338310..27		74349157..29	
74320929..96		74336758..26		74346169..13		74338312..9		74349193..84	
74320930..96		74336777..97		74346169..40		74338313..9		74349257..28	
74321976..98A		74336795..400		74346169..44		74338314..10		74349305..27	
74321992..98A		74336795..401		74346208..50		74338663..91		74349375..40	
74335056..13		74336804..400		74346246..34		74338803..60		74349378..39	
74335056..91		74336873..400		74346307..28		74338804..60		74349378..43	
74335067..34		74336897..13		74346456..13		74339017..21		74349953..91	
74335152..40		74336897..31		74346456..100		74339021..47		74354163..13	
74335153..40		74336897..32		74346456..101		74339022..47		74354163..33	
74335320..91		74337046..98		74346724..228		74339103..90		74354261..22	
74335382..39		74337047..39		74346744..13		74339116..48		74354304..34	
74335382..43		74337047..43		74346744..91		74339118..13		74354305..34	
74335451..100		74337071..35		74347003..100		74339118..49		74354306..34	
74335451..101		74337478..29		74347003..101		74339119..48		74354310..84	
74335548..29		74337479..29		74347031..13		74339120..48		74354362..63	
74335550..34		74337572..39		74347031..93		74339123..13		74354390..51	
74335578..146		74337573..39		74347543..35		74339123..47		74354392..51	
74335578..148		74337573..43		74347543..36		74339127..49		74354394..51	
74335623..50		74337575..39		74347572..40		74339128..13		74354407..26	
74335711..34		74337575..43		74347572..44		74339128..47		74354414..33	
74335712..34		74337576..39		74347619..26		74339136..67		74354415..33	
74335808..91		74337576..43		74347681..228		74339150..13		74354490..26	
74335809..91		74337577..39		74347714..228		74339150..47		74354537..93	
74335864..97		74337577..43		74347722..228		74339151..13		74354568..39	
74336127..25		74337578..39		74347724..227		74339151..49		74354568..44	

NUMERICAL INDEX

Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page
74354573..39		74359059..60		74359689..52		74380662..60	
74354573..44		74359085..30		74359701..29		74380662..61	
74354698..86		74359085..32		74359704..228		74385480..29	
74354720..13		74359106..67		74359704..9		74386037..85	
74354749..21		74359112..25		74359714..227		74387190..400	
74354750..44		74359113..25		74359714..9		74387504..391	
74354778..13		74359114..25		74359725..50		74387529..388	
74354778..13		74359115..25		74359737..15		74388202..26	
74354778..21		74359116..25		74359741..50		74388205..26	
74354787..21		74359117..25		74359751..228		74388349..84	
74354831..67		74359168..30		74359751..9		74388568..401	
74354955..63		74359168..32		74359756..13		74388568..403	
74356232..228		74359192..25		74359757..13		74388571..401	
74357336..85		74359193..25		74359757..21		74388628..401	
74357337..85		74359203..27		74359776..52		74388648..81	
74357346..85		74359219..44		74359828..64		74388648..83	
74357356..36		74359220..21		74359861..62		74390593..45	
74357357..36		74359222..21		74359869..13		74390838..22	
74357360..44		74359231..18		74359869..13		74393077..52	
74357386..30		74359237..18		74359870..13		74393260..65	
74357386..32		74359238..63		74359876..19		74393286..65	
74357409..33		74359248..94		74359911..65		74393427..96	
74357415..63		74359264..26		74359984..29		74393504..96	
74357429..51		74359271..18		74359985..29		74393581..40	
74357430..10		74359278..19		74364422..29		74393581..44	
74357430..51		74359280..91		74365346..96		74394939..228	
74357434..67		74359281..90		74366782..26		74395889..47	
74357567..401		74359290..18		74368977..58		74399875..62	
74357568..401		74359293..18		74369110..40		74500300..30	
74357677..13		74359294..27		74369599..63		74500300..32	
74357677..13		74359298..27		74371107..25		74506607..35	
74357677..21		74359308..18		74371107..50		74506737..49	
74357689..49		74359310..44		74371323..27		74506946..29	
74357690..49		74359312..22		74371324..27		74507084..91	
74357691..49		74359323..44		74371503..22		74507091..91	
74357692..49		74359326..69		74371707..98		74507359..67	
74357701..49		74359327..69		74371718..63		74507359..69	
74357705..49		74359328..69		74372325..47		74509035..40	
74357706..49		74359329..69		74372864..26		74511213..60	
74357732..26		74359330..69		74373610..47		74511213..61	
74357794..36		74359331..69		74373612..47		74511243..60	
74357853..35		74359333..69		74373613..47		74513207..391	
74357853..36		74359334..69		74373614..47		74513207..394	
74357978..400		74359337..71		74374127..44		74513207..396	
74357981..97		74359337..75		74374627..400		74513538..434	
74358579..228		74359344..65		74375686..90		74513552..67	
74358587..48		74359345..64		74375812..40		74514091..48	
74358696..13		74359348..65		74375812..40		74514400..25	
74358726..85		74359355..13		74375812..40		74514780..75	
74358728..85		74359360..13		74375937..26		74516432..402	
74358745..13		74359360..21		74375953..85		74516821..29	
74358745..21		74359365..13		74376294..44		74613537..176	
74358754..92		74359373..25		74376497..26		74613571..400	
74358763..49		74359395..60		74376749..26		74616583..403	
74358785..90		74359395..61		74376749..47		74640976..98	
74358786..90		74359396..60		74378031..13		74640978..98	
74358787..91		74359410..12		74378031..60		74640978..98A	
74358800..91		74359410..13		74378031..61		74660369..29	
74358840..30		74359477..15		74378032..60		74660408..18	
74358840..32		74359603..13		74378033..60		74707726..401	
74358911..85		74359645..25		74379263..47		74716090..75	
74358976..35		74359650..30		74379263..47		74722511..181	
74358984..25		74359650..32		74379268..47		74752075..30	
74358988..29		74359656..47		74379269..47		74752075..32	
74358989..29		74359661..65		74379305..29		74791157..419	
74359029..13		74359663..64		74379723..85		74875601..39	
74359029..25		74359666..52		74380652..60			
74359030..13		74359667..65		74380652..61			
74359030..25		74359678..71		74380656..60			
74359035..43		74359688..52		74380656..61			

745, 745H

NUMERICAL INDEX

Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page
70925433..447		70926191..335		70926908..412		70928314..150		70930350..301	
70925442..295		70926192..216		70926917..399		70928315..150		70930350..305	
70925442..444A		70926192..223		70926917..399		70928347..150		70930351..288	
70925453..252		70926192..249		70926919..421		70928431..165		70930351..301	
70925604..187		70926192..254		70927026..317		70928434..301		70930351..305	
70925604..200		70926192..260		70927026..318		70928434..305		70930407..145	
70925613..192		70926192..346		70927026..323		70928434..354		70930407..148	
70925613..295		70926192..348		70927026..325		70928434..355		70930984..164	
70925613..297		70926192..349		70927026..326		70928454..62		70930984..167	
70925613..396		70926192..351		70927026..329		70928474..414		70930984..168	
70925613..399		70926192..369		70927026..331		70928495..77		70930985..168	
70925615..78		70926192..371		70927026..332		70928532..164		70930986..162	
70925615..390		70926192..396		70927026..335		70928533..164		70930998..55	
70925615..420		70926204..142		70927026..337		70928555..165		70930998..371	
70925616..182		70926274..313		70927026..343		70928566..444		70931133..220	
70925616..182		70926300..146		70927175..443		70928583..318		70931134..220	
70925616..184		70926308..420		70927202..396		70928583..325		70931135..220	
70925616..185		70926339..371		70927257..414		70928583..337		70931189..220	
70925616..185		70926378..240		70927278..252		70928583..342		70931231..275	
70925616..187		70926391..274		70927279..252		70928595..411		70931729..447	
70925616..189		70926392..280		70927295..332		70928604..319		70931742..55	
70925616..392		70926532..238		70927295..337		70928604..327		70931742..371	
70925616..396		70926532..239		70927295..343		70928604..333		70932844..420A	
70925617..209		70926577..271		70927303..249		70928604..338		70933487..114	
70925617..212		70926611..319		70927303..250		70928604..342		71006992..416	
70925620..398		70926611..324		70927328..142		70928605..341		71143613..163	
70925620..398		70926611..324		70927328..364		70928605..341		71143613..168	
70925621..270		70926611..326		70927359..165		70928623..205		73001085..272	
70925622..203		70926611..330		70927425..243		70928623..209		73001090..278	
70925622..396		70926611..330		70927425..245		70928624..212		73001090..278	
						70928625..288		73001171..141	
70925631..380		70926611..332		70927454..403		70928625..291		73001171..346	
70925742..283		70926611..333		70927477..217		70928625..301		73001171..348	
70925742..285		70926611..336		70927532..142		70928625..305		73001171..349	
70925742..296		70926611..341		70927532..166		70928632..212		73001171..352	
70925742..298		70926612..319		70927532..364		70928740..227		73001171..354	
70925743..248		70926612..324		70927597..272		70928802..363		73001538..272	
70925758..49		70926612..324		70927601..370		70928861..205		73001565..138	
70925761..162		70926612..326		70927603..15		70928893..243		73001622..243	
70925761..279		70926612..327		70927603..53		70928893..245		73001622..246	
70925767..281		70926612..330		70927603..55		70928893..245		73001717..251	
70925809..370		70926612..330		70927656..185		70928919..420A		73001717..252	
70925835..240		70926612..331		70927656..189		70928919..444A		73001850..272	
70925836..240		70926612..333		70927656..190		70928927..205		73002322..346	
70925837..44A		70926612..336		70927694..251		70928931..420		73002322..348	
70925881..238		70926612..341		70927694..288		70928947..96		73002737..192	
70925881..266		70926617..318		70927694..292		70929008..420A		73003883..263	
70925993..283		70926617..326		70927694..302		70929104..342		73003884..263	
70925993..285		70926617..332		70927694..306		70929117..398		73003885..264	
70925995..243		70926617..337		70927783..298		70929125..154		73003886..264	
70925995..245		70926617..343		70927783..292		70929157..422		73003888..264	
70925997..243		70926712..142		70927733..302		70929158..421		73003891..264	
70925997..245		70926712..162		70927783..306		70929194..287		73003893..263	
70925997..245		70926712..364		70927802..98A		70929194..291		73003894..264	
70926020..444A		70926800..261		70927978..102		70929194..301		73003896..263	
70926024..430		70926801..252		70928049..61		70929194..305		73003933..264	
70926049..393		70926803..220		70928085..9		70929233..204		73004549..272	
70926049..398		70926804..220		70928121..9		70929234..205		73004909..405	
70926049..398		70926805..220		70928123..9		70929241..287		73004999..162	
70926049..398		70926807..252		70928176..420		70929241..290		73005005..266	
70926115..59		70926809..252		70928176..443		70929247..144		73006439..236	
70926164..154		70926810..261		70928202..87		70929548..219		73006439..238	
70926164..158		70926811..249		70928204..438		70929613..432		73006439..240	
70926180..252		70926813..250		70928232..319		70929733..154		73006439..103	
70926180..265		70926814..269		70928232..324		70929870..342		73006439..266	
70926180..267		70926816..246		70928232..330		70929915..430		73006597..264	
70926180..271		70926821..313		70928232..331		70929932..420A		73006797..183	
70926180..276		70926827..261		70928232..336		70930213..444		73006797..187	
70926180..403		70926835..313		70928293..168		70930332..243		73006797..187	
70926190..371		70926840..281		70928310..438		70930332..245		73006797..189	
70926191..329		70926865..275		70928313..150		70930351..288		73006797..190	

NUMERICAL INDEX

Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page
73006797..201		73016405..272		73022070..167		73029843..396		73033441..378	
73006799..183		73016631..272		73022071..167		73029917..270		73033513..378	
73006799..185		73017113..138		73022074..167		73029917..295		73033909..442	
73006816..200		73017119..138		73022076..163		73029917..297		73034035..143	
73006816..207		73017550..190		73022077..167		73029930..207		73034129..99	
73006899..226		73018142..141		73022082..167		73029930..208		73034129..314	
73007065..254		73018302..207		73022083..167		73029930..211		73034250..405	
73007065..346		73018397..252		73022084..167		73029971..384		73034250..410	
73007065..348		73018397..261		73022086..167		73031151..101		73034382..384	
73007065..349		7301897+..391		73022088..166		73031639..206		73034558..405	
73007065..349		73019133..271		73022111..158		73031609..207		73034558..410	
73007065..350		73019133..273		73022112..154		73031609..209		73034558..411	
73007065..351		73019133..309		73022112..158		73031609..209		73034566..405	
73007065..351		73019133..315		73022115..160		73031639..212		73034566..407	
73007065..352		73019231..311		73022115..162		73031609..212		73034566..410	
73007115..183		73019330..85		73022116..164		73031667..205		73034566..411	
73007115..185		73019330..88		73022116..167		73031667..392		73034589..405	
73007145..162		73019828..279		73022121..167		73031667..393		73035268..388	
73007152..164		73019839..279		73022122..167		73031667..396		73035371..143	
73007152..167		73019891..278		73022162..158		73031735..390		73035372..143	
73007198..99		73019937..278		73022314..154		73031735..409		73035373..143	
73007380..158		73019967..272		73022314..158		73031783..391		73035374..143	
73008046..387		73020293..57		73022355..442		73031787..391		73035375..143	
73008139..150		73020748..142		73022397..158		73031787..393		73035467..366	
73008139..278		73020853..378		73022440..226		73031789..391		73035498..391	
73008326..176		73020886..138		73022444..442		73031789..393		73035498..394	
73009722..442		73021038..112		73022848..359		73031846..136		73035498..396	
73009981..392		73021038..114		73024079..365		73031847..136		73035714..126	
73009981..394		73021041..11		73024126..384		73031847..11		73035714..128	
73009981..396		73021041..11		73024221..154		73031847..12		73035714..11	
73010158..56		73021041..12		73024383..386		73032165..160		73035714..12	
73010158..311		73021041..106		73024429..447A		73032165..162		73035714..124	
73010158..313		73021053..133		73024764..173		73032200..378		73035719..126	
73010159..56		73021053..11		73025958..346		73032277..311		73035719..128	
73010159..311		73021053..12		73025958..348		73032335..99		73035719..124	
73010159..313		73021058..136		73025958..350		73032335..314		73035739..126	
73010347..160		73021058..11		73025958..352		73032350..277		73035739..124	
73010347..162		73021058..12		73026076..168		73032377..149		73035745..126	
73010347..272		73021060..133		73026156..128		73032378..149		73035745..128	
73010347..275		73021062..160		73026156..134		73032628..378		73035745..11	
73011349..311		73021062..162		73026156..11		73032687..160		73035745..12	
73012488..191		73021091..133		73026156..12		73032687..162		73035745..124	
73012490..191		73021091..114		73026172..100		73032789..153		73035864..133	
73012494..377		73021094..133		73026172..101		73032792..154		73035950..53	
73012545..442		73021170..136		73026289..15		73032793..154		73035950..54	
73013146..222		73021223..112		73026289..53		73032794..153		73035950..57	
73013568..277		73021334..390		73026289..55		73032795..153		73035978..236	
73013909..137		73021334..409		73026289..57		73032908..153		73036228..392	
73013937..226		73021334..411		73026352..100		73032914..154		73036228..394	
73013940..226		73021334..415		73026368..88		73032916..153		73036240..417	
73014042..191		73021334..420		73027397..260		73032917..153		73036241..417	
73014043..191		73021657..89		73027401..260		73032925..153		73036242..417	
73014044..191		73021696..89		73027549..384		73032926..153		73036543..391	
73014045..191		73021833..162		73027613..173		73032927..153		73036543..394	
73014046..191		73021840..162		73027620..173		73032928..153		73036543..396	
73014226..89		73021857..149		73027632..166		73032929..153		73036708..158	
73014309..226		73021871..222		73028393..53		73032930..153		73036709..154	
73014310..226		73021871..223		73028393..54		73032931..153		73036709..158	
73014311..226		73021873..223		73028393..57		73032932..153		73036710..153	
73014312..226		73022029..158		73028826..371		73032933..153		73036711..153	
73014314..226		73022030..158		73029259..200		73032934..153		73036712..153	
73014549..89		73022031..158		73029259..206		73032935..153		73036714..154	
73014571..167		73022032..158		73029259..209		73032937..154		73036714..157	
73014873..187		73022043..153		73029259..209		73032938..154		73036714..158	
73014873..189		73022056..150		73029259..212		73033029..158		73037174..158	
73014873..190		73022056..157		73029259..212		73033044..106		73037183..390	
73014873..201		73022061..167		73029843..182		73033336..214		73037183..415	
73015429..266		73022064..167		73029843..184		73033337..214		73037183..420	
73015598..405		73022066..167		73029843..189		73033340..214		73037444..100	
73016399..142		73022069..167		73029843..192		73033342..214		73037507..162	

NUMERICAL INDEX

Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page
73038196..374		73040831..164		73043975..352		73044489..136		73044696..318	
73038199..153		73040832..164		73044015..405		73044489..11		73044696..323	
73038203..154		73040833..164		73044015..408		73044489..12		73044696..325	
73038204..154		73040834..164		73044015..410		73044493..136		73044696..326	
73038204..158		73040835..163		73044030..268		73044526..273		73044696..329	
73038205..154		73040937..415		73044031..268		73044546..263		73044696..331	
73038205..158		73040937..420		73044036..269		73044573..264		73044696..332	
73038206..154		73041456..104		73044045..268		73044587..319		73044696..335	
73038206..154		73041531..384		73044047..268		73044587..324		73044696..337	
73038206..158		73041650..431		73044047..269		73044587..325		73044696..342	
73038206..167		73041651..431		73044047..269		73044587..330		73044706..390	
73038212..163		73041678..120		73044048..363		73044587..331		73044706..407	
73038216..164		73041782..431		73044067..390		73044587..336		73044706..409	
73038219..165		73041952..137		73044068..405		73044594..441		73044707..390	
73038220..164		73042138..11		73044104..266		73044642..346		73044709..390	
73038221..164		73042138..12		73044216..267		73044642..348		73044709..407	
73038222..164		73042138..119		73044216..341		73044667..390		73044709..409	
73038224..164		73042146..128		73044217..236		73044682..325		73044711..390	
73038225..164		73042147..12		73044217..267		73044690..283		73044711..407	
73038226..164		73042151..126		73044225..311		73044690..284		73044711..409	
73038227..164		73042151..11		73044225..313		73044690..296		73044717..360	
73038230..164		73042151..124		73044298..150		73044690..317		73044725..317	
73038231..164		73042335..162		73044299..150		73044690..318		73044725..323	
73038233..163		73042646..368		73044300..150		73044690..323		73044725..329	
73038234..165		73042646..370		73044301..150		73044690..325		73044729..317	
73038236..164		73042698..162		73044302..150		73044690..326		73044729..318	
73038237..164		73042745..272		73044365..263		73044690..329		73044729..323	
73038238..164		73042796..149		73044373..110		73044690..331		73044729..325	
73038239..164		73042807..150		73044386..134		73044690..332		73044729..326	
73038241..163		73042808..150		73044386..11		73044690..335		73044729..329	
73038242..165		73042831..272		73044386..12		73044690..337		73044729..331	
73038244..165		73042858..200		73044388..112		73044690..341		73044729..332	
73038246..165		73042959..391		73044391..112		73044692..283		73044729..335	
73038251..170		73042959..393		73044391..114		73044692..285		73044729..337	
73038251..176		73042960..391		73044396..112		73044692..296		73044729..342	
73038254..170		73042960..393		73044399..112		73044692..302		73044730..317	
73038254..176		73042966..391		73044400..11		73044692..306		73044730..318	
73038278..164		73042966..393		73044400..12		73044692..318		73044730..323	
73038279..164		73043152..146		73044400..112		73044692..325		73044730..325	
73038626..149		73043222..253		73044402..134		73044692..326		73044730..326	
73038626..151		73043361..154		73044402..11		73044692..331		73044730..329	
73038627..149		73043362..154		73044402..12		73044692..332		73044730..331	
73038627..151		73043363..154		73044404..123		73044692..337		73044730..335	
73038633..149		73043364..154		73044404..125		73044692..341		73044730..337	
73038633..151		73043365..154		73044430..108		73044693..283		73044730..342	
73038643..151		73043368..154		73044431..108		73044693..285		73044733..319	
73038843..151		73043369..154		73044432..105		73044693..296		73044733..320	
73038844..151		73043399..253		73044436..134		73044693..318		73044733..324	
73038845..393		73043404..352		73044436..112		73044693..325		73044733..324	
73039071..388		73043416..387		73044436..114		73044693..326		73044733..330	
73039281..441		73043418..386		73044438..110		73044693..331		73044733..330	
73039640..325		73043426..146		73044449..108		73044693..332		73044733..336	
73039643..417		73043427..385		73044457..126		73044693..337		73044733..336	
73039852..431		73043428..385		73044457..124		73044694..296		73044733..341	
73039853..431		73043522..150		73044466..110		73044694..318		73044734..319	
73039856..431		73043676..346		73044473..135		73044694..325		73044734..320	
73039858..431		73043676..348		73044473..112		73044694..326		73044734..324	
73039947..437		73043676..350		73044474..136		73044694..331		73044734..324	
73040013..419		73043676..352		73044474..11		73044694..332		73044734..326	
73040013..436		73043676..354		73044474..12		73044694..337		73044734..327	
73040013..437		73043676..354		73044474..112		73044695..319		73044734..330	
73040013..438		73043676..355		73044478..136		73044695..325		73044734..330	
73040121..164		73043730..405		73044479..136		73044695..326		73044734..332	
73040139..442		73043730..407		73044480..136		73044695..331		73044734..333	
73040365..167		73043841..385		73044485..136		73044695..332		73044734..336	
73040397..390		73043880..404		73044485..11		73044695..337		73044734..336	
73040493..168		73043880..406		73044485..12		73044695..342		73044734..341	
73040827..164		73043919..160		73044496..136		73044696..296		73044735..319	
73040828..164		73043919..162		73044487..136		73044696..297		73044735..320	
73040830..163		73043975..350		73044488..136		73044696..317		73044735..324	

NUMERICAL INDEX

Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page
73044735..324		73044766..336		73045542..9		73046520..333		73047028..104	
73044735..326		73044768..319		73045542..277		73046520..341		73047031..104	
73044735..327		73044768..336		73045543..9		73046521..249		73047033..105	
73044735..330		73044770..296		73045543..277		73046521..250		73047034..105	
73044735..330		73044770..319		73045632..436		73046521..268		73047036..105	
73044735..332		73044770..323		73045633..420		73046524..157		73047038..106	
73044735..333		73044770..330		73045633..436		73046558..410		73047040..106	
73044735..336		73044770..336		73045633..437		73046581..182		73047041..106	
73044735..336		73044771..319		73045705..271		73046581..184		73047042..106	
73044735..341		73044771..323		73045721..271		73046614..253		73047043..106	
73044737..284		73044771..330		73045731..271		73046703..271		73047049..108	
73044737..317		73044771..336		73045733..267		73046713..251		73047118..441	
73044737..323		73044791..311		73045733..271		73046734..441		73047119..441	
73044737..329		73044791..313		73045733..276		73046736..441		73047120..441	
73044737..335		73044810..399		73045733..308		73046759..405		73047121..442	
73044740..317		73044810..416		73045736..276		73046759..408		73047149..138	
73044740..323		73044842..311		73045755..276		73046767..236		73047195..437	
73044741..317		73044845..311		73045784..311		73046772..234		73047207..199	
73044741..323		73044879..369		73045834..81		73046772..9		73047208..201	
73044742..317		73044879..371		73045834..83		73046773..236		73047209..199	
73044742..323		73044949..134		73045855..266		73046773..238		73047216..206	
73044743..317		73044963..160		73045859..265		73046773..240		73047218..207	
73044743..323		73044963..162		73045861..311		73046773..9		73047218..208	
73044744..319		73044963..271		73045861..313		73046776..234		73047218..211	
73044744..327		73044963..273		73045854..265		73046776..9		73047219..207	
73044744..332		73044963..377		73045873..311		73046777..236		73047220..187	
73044744..338		73045069..278		73045887..311		73046777..267		73047220..189	
73044744..342		73045092..272		73045963..250		73046820..221		73047220..190	
73044745..319		73045092..274		73045975..249		73046821..225		73047227..182	
73044745..327		73045108..436		73045975..250		73046822..206		73047227..184	
73044745..332		73045113..436		73045977..249		73046822..209		73047228..182	
73044745..338		73045118..435		73045977..249		73046822..212		73047228..184	
73044745..342		73045137..243		73045977..250		73046823..206		73047229..182	
73044746..319		73045137..245		73045977..250		73046823..208		73047229..184	
73044746..327		73045170..245		73046020..124		73046823..211		73047231..182	
73044746..333		73045170..245		73046029..11		73046823..211		73047231..184	
73044746..338		73045178..428		73046029..123		73046830..272		73047231..184	
73044746..342		73045189..57		73046029..125		73046872..311		73047233..187	
73044748..319		73045202..435		73046030..123		73046878..384		73047234..185	
73044748..327		73045202..438		73046035..124		73046881..384		73047234..187	
						73046944..296		73047234..189	
73044748..332		73045203..435		73046080..311		73046822..209		73047235..185	
73044748..337		73045203..438		73046117..342		73046822..212		73047235..187	
73044748..343		73045204..435		73046205..201		73046823..206		73047235..189	
73044749..319		73045205..436		73046254..271		73046823..208		73047237..187	
73044749..327		73045205..438		73046254..273		73046823..211		73047238..187	
73044749..332		73045206..436		73046260..271		73046830..272		73047238..187	
73044749..337		73045206..436		73046260..273		73046872..311		73047239..391	
73044749..343		73045211..243		73046260..377		73046878..384		73047304..364	
73044754..318		73045211..246		73046262..149		73046881..384		73047318..236	
73044754..326		73045234..367		73046265..150		73046944..296		73047320..266	
						73046944..324		73047321..266	
73044754..332		73045248..294		73046278..263		73046946..296		73047235..185	
73044754..337		73045248..301		73046279..254		73046946..331		73047235..187	
73044754..343		73045248..305		73046284..277		73046947..319		73047235..189	
73044756..318		73045324..311		73046315..377		73046947..324		73047237..187	
73044756..326		73045324..313		73046317..377		73046947..325		73047238..187	
73044758..318		73045463..279		73046338..160		73046947..330		73047296..391	
73044758..326		73045463..281		73046394..254		73046947..331		73047304..364	
73044758..332		73045495..278		73046428..346		73046947..336		73047318..236	
73044758..337		73045495..280		73046428..348		73046949..319		73047320..266	
73044758..343		73045496..279		73046429..346		73046949..324		73047321..266	
73044759..318		73045508..278		73046451..441		73046949..325		73047338..236	
73044759..326		73045513..443		73046489..182		73046949..330		73047343..251	
73044759..332		73045515..277		73046489..184		73046949..336		73047343..252	
73044759..337		73045515..279		73046497..416		73046949..331		73047354..53	
73044759..343		73045516..277		73046502..103		73046950..319		73047354..55	
73044764..319		73045516..279		73046508..311		73046950..324		73047354..365	
73044764..324		73045520..9		73046508..313		73046950..325		73047360..346	
73044764..330		73045520..277		73046508..313		73046950..330		73047360..348	
73044764..336		73045531..81		73046509..311		73046950..331		73047362..364	
73044766..320		73045531..83		73046520..327		73046950..336		73047364..348	
73044759..318		73045508..278		73046451..441		73046987..159		73047382..346	
73044759..326		73045513..443		73046489..182		73046993..159		73047382..348	
73044759..332		73045515..277		73046489..184		73046994..159		73047387..207	
73044759..337		73045515..279		73046497..416		73047013..149		73047388..207	
73044759..343		73045516..277		73046502..103		73047015..150		73047410..89	
73044764..319		73045516..279		73046508..311		73047017..150		73047415..254	
73044764..324		73045520..9		73046508..313		73047019..151		73047420..89	
73044764..330		73045520..277		73046508..313		73047020..151		73047421..206	
73044764..336		73045531..81		73046509..311		73047023..151		73047421..209	
73044766..320		73045531..83		73046520..327		73047026..133		73047421..212	

NUMERICAL INDEX

Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page
73047423..207		73047702..127		73047737..125		73047893..170		73048097..264	
73047423..208		73047702..131		73047738..124		73047893..176		73048098..264	
73047423..211		73047702..116		73047739..126		73047895..176		73048099..263	
73047438..348		73047702..119		73047739..128		73047896..170		73048100..264	
73047450..81		73047703..127		73047739..124		73047897..170		73048106..386	
73047450..83		73047703..131		73047740..126		73047897..176		73048107..308	
73047463..346		73047703..116		73047740..124		73047899..170		73048108..308	
73047477..384		73047703..117		73047741..111		73047933..81		73048109..142	
73047480..276		73047703..119		73047741..112		73047933..82		73048112..386	
73047482..384		73047703..121		73047741..112		73047982..85		73048113..141	
73047506..204		73047704..120		73047741..114		73047984..243		73048117..9	
73047510..15		73047706..131		73047743..112		73047984..245		73048117..309	
73047515..53		73047706..120		73047743..114		73047988..243		73048121..308	
73047515..55		73047706..121		73047746..133		73047988..245		73048123..289	
73047515..57		73047707..131		73047747..133		73048006..142		73048123..292	
73047515..59		73047707..120		73047748..133		73048011..141		73048123..301	
73047529..146		73047707..121		73047749..133		73048011..398		73048123..305	
73047536..56		73047708..131		73047758..128		73048016..9		73048123..399	
73047537..243		73047708..120		73047761..178		73048016..309		73048124..142	
73047537..246		73047708..121		73047762..178		73048017..171		73048125..308	
73047542..10		73047709..131		73047763..178		73048018..170		73048126..142	
73047554..235		73047709..116		73047765..178		73048018..175		73048128..142	
73047557..235		73047709..118		73047770..133		73048019..170		73048259..181	
73047565..369		73047709..120		73047771..133		73048019..176		73048260..181	
73047581..369		73047709..121		73047772..133		73048020..170		73048264..181	
73047599..272		73047710..131		73047773..133		73048020..176		73048269..264	
73047600..272		73047710..116		73047800..378		73048022..170		73048270..264	
73047623..137		73047710..118		73047802..110		73048022..175		73048271..264	
73047637..377		73047710..120		73047804..111		73048023..170		73048272..263	
73047638..377		73047710..121		73047805..112		73048023..175		73048278..264	
73047639..377		73047711..131		73047808..120		73048024..170		73048279..264	
73047640..377		73047711..116		73047810..116		73048024..176		73048281..264	
73047641..348		73047711..118		73047811..12		73048026..169		73048282..225	
73047642..348		73047711..120		73047811..116		73048026..175		73048283..226	
73047646..377		73047711..121		73047812..116		73048027..169		73048284..226	
73047657..151		73047712..131		73047813..116		73048027..175		73048285..221	
73047664..108		73047712..116		73047817..116		73048028..169		73048286..222	
73047665..108		73047712..118		73047813..116		73048028..175		73048286..223	
73047665..114		73047712..120		73047820..131		73048029..169		73048287..222	
73047665..114		73047712..121		73047821..131		73048029..175		73048288..222	
73047665..114		73047713..120		73047822..131		73048031..111		73048289..222	
73047667..107		73047714..120		73047824..131		73048032..12		73048289..224	
73047669..108		73047715..120		73047825..131		73048035..269		73048290..222	
73047670..133		73047719..116		73047826..131		73048036..269		73048290..223	
73047671..108		73047720..131		73047828..131		73048037..269		73048291..222	
73047672..108		73047720..11		73047829..131		73048039..269		73048291..223	
73047673..108		73047720..12		73047830..131		73048040..269		73048292..221	
73047678..110		73047720..116		73047831..131		73048044..247		73048292..224	
73047684..110		73047721..116		73047833..131		73048045..247		73048293..221	
73047685..110		73047722..116		73047834..131		73048050..251		73048293..224	
73047686..110		73047723..116		73047835..131		73048051..251		73048294..221	
73047687..110		73047723..118		73047836..131		73048052..247		73048294..224	
73047689..110		73047724..11		73047838..127		73048053..247		73048295..221	
73047690..110		73047724..12		73047844..128		73048054..247		73048295..224	
73047692..112		73047724..116		73047845..128		73048056..251		73048296..221	
73047693..111		73047724..118		73047847..128		73048057..251		73048296..224	
73047696..112		73047725..116		73047848..128		73048058..247		73048297..221	
73047696..114		73047729..116		73047854..133		73048063..251		73048297..224	
73047697..112		73047729..118		73047871..165		73048064..251		73048298..221	
73047697..114		73047730..116		73047876..165		73048064..251		73048298..224	
73047698..11		73047730..118		73047877..165		73048065..251		73048299..222	
73047698..12		73047731..116		73047878..165		73048066..251		73048299..224	
73047698..112		73047731..118		73047880..170		73048067..251		73048299..225	
73047698..114		73047733..123		73047880..176		73048068..251		73048300..222	
73047700..119		73047733..125		73047881..170		73048069..251		73048300..224	
73047701..131		73047734..123		73047881..176		73048070..261		73048300..225	
73047701..11		73047734..125		73047883..169		73048073..261		73048301..222	
73047701..12		73047736..126		73047883..175		73048094..264		73048301..224	
73047701..115		73047736..124		73047884..169		73048095..264		73048301..225	
73047701..119		73047737..123		73047884..175		73048096..263		73048302..222	

NUMERICAL INDEX

Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page
73048302..223		73048398..225		73048591..272		73048853..173		73050047..243	
73048303..222		73048399..225		73048598..271		73048857..59		73050047..245	
73048303..223		73048400..226		73048598..272		73048858..97		73050055..243	
73048304..222		73048401..222		73048599..271		73048860..141		73050055..245	
73048304..223		73048401..224		73048599..272		73048865..53		73050056..243	
73048305..248		73048402..220		73048600..391		73048865..54		73050087..200	
73048306..222		73048405..168		73048600..394		73048865..57		73050091..309	
73048308..222		73048407..163		73048600..396		73048865..59		73050092..9	
73048309..222		73048410..248		73048601..142		73048866..374		73050092..308	
73048309..223		73048412..160		73048614..145		73048867..374		73050096..254	
73048310..222		73048412..162		73048614..147		73048868..374		73050099..253	
73048310..223		73048414..116		73048619..405		73048869..374		73050100..309	
73048311..222		73048414..117		73048619..407		73048874..346		73050101..308	
73048311..224		73048418..126		73048619..410		73048874..348		73050102..308	
73048313..222		73048418..124		73048619..411		73048875..199		73050105..413	
73048314..222		73048425..11		73048627..295		73048876..199		73050105..442	
73048314..224		73048425..12		73048630..89		73048877..199		73050123..138	
73048317..199		73048425..104		73048635..405		73048878..199		73050124..138	
73048317..202		73048428..157		73048635..406		73048879..200		73050160..80	
73048317..219		73048430..161		73048635..413		73048880..200		73050163..295	
73048318..219		73048432..166		73048639..81		73048881..200		73050163..297	
73048319..219		73048433..167		73048639..82		73048885..447A		73050189..365	
73048320..199		73048434..167		73048642..405		73048891..100		73050191..183	
73048320..202		73048440..173		73048642..407		73048894..200		73050191..185	
73048320..219		73048443..173		73048647..405		73048895..200		73050211..97	
73048321..219		73048444..173		73048670..99		73048903..187		73050216..282	
73048322..199		73048445..173		73048684..278		73048903..189		73050216..284	
73048322..202		73048446..173		73048690..295		73048904..187		73050219..282	
73048322..219		73048447..173		73048690..297		73048908..368		73050219..284	
73048322..89		73048448..173		73048691..284		73048916..100		73050227..89	
73048330..326		73048449..173		73048692..405		73048917..368		73050228..89	
73048330..327		73048456..172		73048692..407		73048917..370		73050232..367	
73048330..332		73048458..173		73048692..413		73048918..370		73050233..367	
73048330..333		73048459..172		73048694..404		73048923..142		73050240..366	
73048330..341		73048460..172		73048694..407		73048924..10		73050249..95	
73048334..254		73048461..173		73048694..413		73048924..58		73050254..62	
73048335..254		73048462..173		73048695..374		73048925..368		73050256..282	
73048336..254		73048463..173		73048705..81		73048936..293		73050257..282	
73048337..254		73048464..172		73048707..142		73048937..293		73050257..295	
73048338..219		73048465..172		73048708..142		73048938..99		73050279..95	
73048338..219		73048466..172		73048712..405		73048945..100		73050281..411	
73048340..219		73048467..158		73048712..407		73048945..101		73050282..53	
73048342..219		73048468..158		73048712..413		73048947..57		73050282..54	
73048344..219		73048469..158		73048714..405		73048948..369		73050282..56	
73048345..219		73048471..158		73048714..407		73048949..369		73050295..216	
73048346..220		73048473..157		73048714..413		73048950..369		73050298..369	
73048347..220		73048474..157		73048732..157		73048951..369		73050298..371	
73048349..220		73048475..158		73048733..157		73048952..369		73050361..254	
73048352..309		73048476..157		73048734..157		73048953..369		73050386..1	
73048354..309		73048477..157		73048735..157		73048958..145		73050388..254	
73048373..220		73048478..157		73048736..173		73048958..148		73050464..104	
73048375..220		73048480..157		73048741..217		73048959..145		73050475..145	
73048376..220		73048481..157		73048748..217		73048959..148		73050475..147	
73048377..220		73048482..157		73048750..217		73048960..142		73050495..282	
73048378..220		73048483..158		73048753..264		73048968..254		73050495..295	
73048379..220		73048484..157		73048754..264		73048969..390		73050495..390	
73048381..220		73048485..157		73048771..162		73048969..405		73050496..236	
73048382..220		73048486..157		73048771..162		73048969..407		73050497..266	
73048383..220		73048487..157		73048782..135		73048970..410		73050498..266	
73048384..220		73048488..157		73048782..111		73048970..405		73050524..236	
73048386..219		73048489..157		73048788..174		73048971..254		73050565..247	
73048387..219		73048490..157		73048831..279		73048975..272		73050567..252	
73048388..219		73048491..157		73048833..243		73048976..272		73050568..252	
73048389..219		73048492..157		73048833..246		73048988..254		73050569..252	
73048392..225		73048493..157		73048836..136		73048989..254		73050570..252	
73048393..225		73048494..157		73048839..136		73048990..254		73050571..252	
73048394..225		73048511..199		73048842..135		73050026..364		73050577..311	
73048395..225		73048511..200		73048842..112		73050034..146		73050578..236	
73048396..225		73048521..137		73048844..12		73050034..148		73050578..9	
73048397..225		73048522..236		73048852..173		73050039..253		73050611..390	

NUMERICAL INDEX

Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page
73050612..390		73051812..341		73052493..245		73054108..281		73054874..261	
73050612..438		73051813..302		73052615..395		73054150..246		73054875..261	
73050651..442		73051913..306		73052615..396		73054307..1		73054876..261	
73050652..442		73051813..329		73052615..399		73054308..1		73055076..114	
73050653..442		73051813..335		73052615..399		73054320..424		73055085..178	
73050671..311		73051813..341		73052632..1		73054321..424		73055106..243	
73050679..311		73051816..157		73052633..1		73054322..424		73055106..245	
73050682..252		73051832..424		73052636..1		73054377..342		73055109..243	
73050683..252		73051866..1		73052638..1		73054390..431		73055109..245	
73050690..317		73051874..296		73052654..437		73054391..431		73055148..368	
73050690..323		73051874..298		73052656..283		73054392..431		73055148..370	
73050715..427		73051875..296		73052656..285		73054409..279		73055179..161	
73050715..427		73051875..297		73052657..283		73054410..279		73055181..160	
73050717..431		73051876..296		73052657..285		73054446..275		73055182..160	
73050718..424		73051876..298		73052658..283		73054486..275		73055183..160	
73050719..424		73051877..283		73052658..285		73054488..281		73055228..108	
73050722..424		73051877..285		73052659..283		73054500..150		73055234..261	
73050723..424		73051877..296		73052659..285		73054504..350		73055245..89	
73050724..424		73051877..298		73052660..283		73054504..355		73055272..148	
73050725..424		73051878..296		73052660..285		73054505..203		73055272..443	
73050727..424		73051878..298		73052661..283		73054506..202		73055281..410	
73050728..424		73051879..296		73052661..284		73054506..203		73055289..53	
73050729..424		73051879..298		73052661..341		73054507..203		73055299..55	
73050730..424		73051880..283		73052682..282		73054508..194		73055292..53	
73050732..428		73051880..285		73052682..284		73054508..196		73055292..55	
73050733..427		73051880..296		73052683..295		73054509..194		73055292..55	
73050734..428		73051880..298		73052785..249		73054509..196		73055321..243	
73050735..428		73051881..283		73052785..250		73054515..208		73055321..245	
73050736..428		73051881..285		73052879..274		73054516..209		73055322..243	
73050737..428		73051881..296		73052942..280		73054517..209		73055322..246	
73050738..428		73051881..298		73053224..141		73054570..403		73055352..248	
73050739..428		73051882..296		73053306..141		73054571..313		73055353..248	
73050740..428		73051882..298		73053307..141		73054582..189		73055363..161	
73050741..428		73051883..296		73053308..141		73054583..189		73055371..253	
73050742..428		73051883..298		73053325..410		73054584..189		73055375..161	
73050743..428		73051884..283		73053356..275		73054585..364		73055420..173	
73050744..427		73051884..285		73053357..275		73054587..189		73055458..1	
73050746..431		73051884..296		73053359..275		73054587..190		73055483..55	
73050747..431		73051884..298		73053418..281		73054588..189		73055535..422	
73050749..431		73051885..285		73053433..281		73054588..192		73055536..422	
73050937..411		73051885..296		73053434..281		73054589..162		73055537..422	
73050944..442		73051885..297		73053459..313		73054594..81		73055552..330	
73051161..406		73051888..1		73053514..313		73054594..82		73055552..335	
73051163..407		73051889..154		73053524..141		73054596..150		73055601..1	
73051178..142		73051891..437		73053540..53		73054638..271		73055668..269	
73051195..319		73051892..437		73053540..54		73054666..378		73055671..404	
73051196..319		73051892..438		73053540..57		73054667..378		73055671..407	
73051199..131		73051893..437		73053547..1		73054668..378		73055671..413	
73051703..366		73051894..437		73053558..434		73054675..320		73055738..89	
73051704..9		73051895..437		73053604..313		73054675..325		73055789..280	
73051704..270		73051895..439		73053695..313		73054675..327		73055798..274	
73051797..283		73052008..282		73053697..313		73054675..333		73055800..274	
73051797..284		73052008..284		73053700..313		73054675..338		73055810..271	
73051797..296		73052008..295		73053758..220		73054694..253		73055838..243	
73051797..298		73052008..297		73053759..220		73054706..413		73055838..245	
73051800..108		73052008..420		73053765..269		73054723..309		73055850..102	
73051806..329		73052008..420A		73053806..313		73054731..409		73055856..128	
73051806..335		73052008..422		73053881..277		73054734..431		73055858..160	
73051807..329		73052021..384		73053881..279		73054735..431		73055858..161	
73051807..335		73052024..366		73053885..275		73054735..431		73055859..161	
73051808..329		73052043..279		73053886..275		73054770..320		73056104..165	
73051808..335		73052050..293		73053921..195		73054770..327		73056138..236	
73051809..330		73052080..295		73053921..196		73054770..333		73056138..238	
73051809..335		73052080..297		73053921..197		73054770..338		73056139..447A	
73051810..330		73052081..78		73053922..1		73054770..343		73056143..364	
73051810..335		73052086..78		73053977..275		73054808..136		73056153..197	
73051812..302		73052091..78		73054055..199		73054825..442		73056154..197	
73051812..306		73052092..295		73054055..204		73054871..261		73056173..154	
73051812..329		73052340..276		73054072..281		73054872..261		73056180..163	
73051812..335		73052493..243		73054073..281		73054873..261		73056181..164	

NUMERICAL INDEX

Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page
73056186..168		73057281..267		73057620..398		73058073..411		73058502..341	
73056188..166		73057282..267		73057622..395		73058090..274		73058503..302	
73056313..153		73057283..187		73057622..398		73058095..275		73058503..306	
73056372..254		73057283..189		73057623..263		73058096..275		73058503..341	
73056381..315		73057283..190		73057624..264		73058097..274		73058504..341	
73056382..315		73057283..240		73057633..215		73058098..274		73058527..398	
73056488..281		73057285..189		73057635..372		73058106..289		73058528..397	
73056493..275		73057286..187		73057638..372		73058106..302		73058529..398	
73056505..173		73057287..187		73057639..372		73058126..443		73058531..398	
73056509..143		73057304..352		73057640..372		73058162..365		73058532..171	
73056512..1		73057305..350		73057642..418		73058186..442		73058532..176	
73056530..102		73057305..352		73057671..370		73058209..341		73058567..354	
73056531..102		73057310..350		73057686..151		73058210..341		73058568..309	
73056536..167		73057310..352		73057687..151		73058211..354		73058569..309	
73056654..370		73057311..352		73057689..62		73058282..205		73058587..399	
73056676..422		73057312..349		73057766..141		73058289..205		73058588..354	
73056685..150		73057312..351		73057767..398		73058294..342		73058593..355	
73056686..447A		73057338..354		73057767..447		73058298..422		73058598..363	
73056758..102		73057339..355		73057770..373		73058299..250		73058599..354	
73056759..102		73057340..354		73057773..443		73058299..269		73058617..160	
73056793..249		73057345..355		73057777..77		73058307..302		73058628..1	
73056793..250		73057357..141		73057778..77		73058307..306		73058651..398	
73056852..102		73057358..141		73057779..77		73058318..183		73058687..342	
73056857..102		73057358..253		73057780..77		73058318..185		73058688..342	
73056863..102		73057367..54		73057781..77		73058320..246		73058689..343	
73056864..102		73057368..54		73057784..377		73058322..246		73058700..10	
73056865..102		73057395..150		73057784..377		73058324..246		73058700..267	
73056866..102		73057398..150		73057805..128		73058326..245		73058712..421	
73056870..277		73057399..150		73057836..266		73058327..214		73058713..422	
73056873..271		73057400..150		73057841..148		73058327..215		73058731..443	
73056874..271		73057401..150		73057860..351		73058340..444A		73058731..444A	
73056910..1		73057402..141		73057866..350		73058341..444A		73058782..126	
73056962..364		73057402..142		73057866..352		73058342..444A		73058782..124	
73056963..370		73057402..398		73057868..289		73058345..444A		73058783..126	
73056964..187		73057431..301		73057868..302		73058346..444A		73058793..11	
73056964..189		73057431..305		73057868..350		73058347..444B		73058793..121	
73056965..369		73057432..288		73057868..352		73058348..444A		73058807..357	
73056965..371		73057432..292		73057869..288		73058383..372		73058807..359	
73056966..369		73057432..301		73057869..302		73058439..354		73058809..357	
73056966..371		73057432..306		73057869..350		73058453..384		73058809..359	
73056967..369		73057436..412		73057869..352		73058457..301		73058879..422	
73056967..371		73057468..283		73057870..350		73058457..305		73058880..422	
73056979..89		73057468..284		73057870..352		73058478..342		73058882..215	
73056981..89		73057468..296		73057872..288		73058478..343		73058884..444	
73057000..378		73057468..298		73057872..302		73058479..341		73058894..287	
73057081..354		73057469..283		73057875..288		73058480..341		73058894..290	
73057085..354		73057469..284		73057875..302		73058481..343		73058896..287	
73057106..355		73057469..296		73057876..289		73058482..341		73058896..291	
73057108..355		73057469..298		73057876..302		73058484..342		73058897..287	
73057137..77		73057480..101		73057879..350		73058486..343		73058897..291	
73057138..77		73057485..101		73057879..352		73058487..342		73058902..287	
73057142..421		73057492..213		73057885..1		73058488..342		73058902..290	
73057168..103		73057504..413		73057952..412		73058492..302		73058910..372	
73057184..370		73057505..411		73057960..411		73058492..306		73058910..418	
73057188..288		73057506..141		73057966..294		73058492..341		73058912..215	
73057188..302		73057506..398		73057977..397		73058494..341		73058917..411	
73057197..288		73057512..418		73057983..205		73058495..302		73058919..412	
73057197..302		73057513..371		73057997..213		73058495..306		73058931..288	
73057198..289		73057523..301		73058003..196		73058495..341		73058931..291	
73057198..302		73057523..305		73058015..371		73058496..341		73058934..287	
73057219..438		73057545..215		73058015..418		73058497..302		73058934..291	
73057221..424		73057547..301		73058026..411		73058499..302		73058935..287	
73057222..438		73057547..305		73058049..375A		73058499..306		73058935..290	
73057224..438		73057558..1		73058052..412		73058499..341		73058946..371	
73057225..438		73057558..1		73058052..420		73058500..302		73058959..288	
73057225..439		73057559..1		73058056..418		73058500..306		73058959..292	
73057226..438		73057559..1		73058063..216		73058500..341		73058959..302	
73057227..438		73057560..1		73058073..405		73058501..302		73058959..306	
73057227..439		73057560..1		73058073..407		73058501..306		73058960..288	
73057230..424		73057583..294		73058073..410		73058501..341		73058960..292	