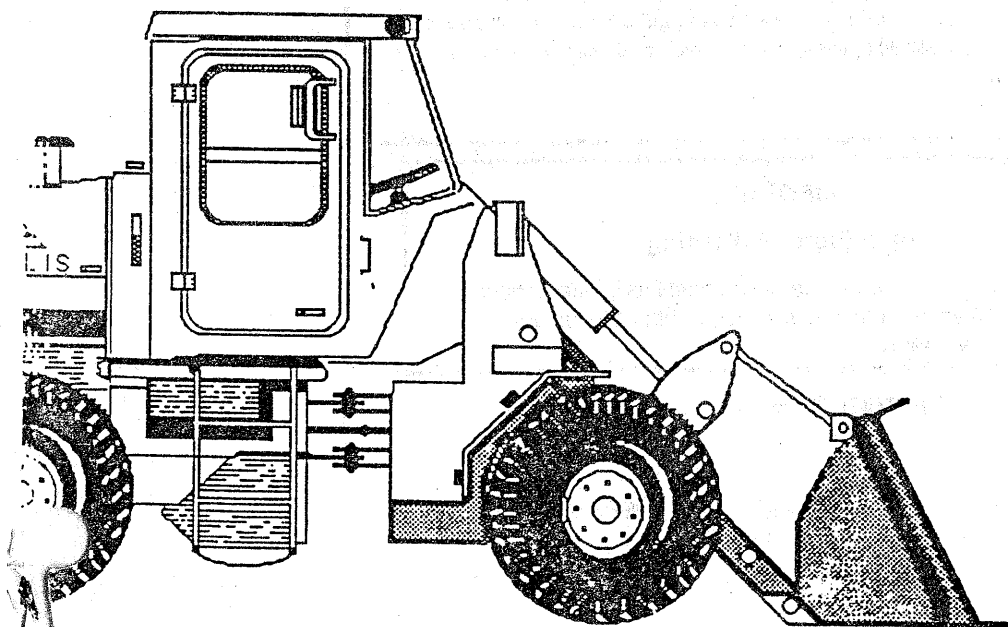




745C

WHEEL LOADER

Parts Catalog



73067349

Form No 3067349
REPRINT 1-80

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.

CALIFORNIA

Proposition 65 Warning

Diesel engine exhaust and some of its constituents are known to the State of California to cause cancer, birth defects, and other reproductive harm.

COPYRIGHT BY FIATALLIS

All rights reserved. Reproduction of text and illustrations in whole or in part, is strictly prohibited.

745-C

wheel loader

parts catalog

S/N 64M03651-UP

S/N 22Y03651-UP

Form 73067349 English



WARNING

STUDY THE OPERATION AND MAINTENANCE
INSTRUCTION MANUAL THROUGH BEFORE STARTING,
OPERATING, MAINTAINING, FUELING OR SERVICING THIS
MACHINE.

Fiatallis is not responsible for any liability arising from any damage resulting from defects caused by parts and/or components not approved by Fiatallis for use in maintaining and/or repairing products manufactured or merchandized by Fiatallis.

In any case, no warranty of any kind is made or shall be imposed with respect to products manufactured or merchandized by Fiatallis when failures are caused by the use of parts and/or components not approved by Fiatallis.

1948

1. The first part of the report deals with the general situation of the country and the progress of the work during the year. It is divided into two main sections: the first section deals with the general situation and the second section deals with the progress of the work.

2. The general situation of the country is described in the first section. It is noted that the country has made considerable progress in the field of industry and commerce during the year. The production of goods has increased and the trade has expanded. The government has also taken steps to improve the living standards of the people and to develop the country's resources.

3. The progress of the work is described in the second section. It is noted that the work has been carried out in accordance with the plan and that the objectives have been largely achieved. The work has been carried out in a systematic and organized manner and the results have been satisfactory.

4. The report concludes with a summary of the work done during the year and a statement of the objectives for the next year. It is noted that the work has been carried out in a systematic and organized manner and the results have been satisfactory.

ADDITIONAL PUBLICATIONS AVAILABLE

FOR

MODEL 745-C WHEEL LOADER (Series 64M and 22Y)

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

DESCRIPTION	FORM NO.					
	ENGLISH	ESPAÑOL (Spanish)	PORTUGUES (Portuguese)	FRANCAIS (French)	DEUTSCH (German)	ITALIANO (Italian)
<u>Parts Catalogs</u>						
Cab Glass	70698502	.....	.....	.....	.....	.....
Injection Pump Roosa	73112988	.....	.....	.....	.....	.....
Loader	73067349	.....	.....	.....	.....	.....
Operation & Maintenance Instruction Manual --	73067452	73068795	.....	73068791	.....	.....
<u>Service Manuals</u>						
Axles & Drive Shafts ..	73069218	73062536	.....	73062539	.....	.....
Brakes & Air System ---	73069219	73062538	.....	73062537	73063302	.....
Bucket & Chassis	73055458	73061830	.....	73061843	73063294	73063281
Electrical System	73063024	73061840	.....	73061853	73063304	73063291
Engine	70645121	.....	.....	70650412	.....	.....
Fuel Injection Nozzle ---	70682797	.....	.....	.....	.....	.....
Fuel Injection Pump Roosa	73111954	.....	.....	.....	.....	.....
Loader Hydraulic System	73059681	73061829	.....	73061842	73063293	73063280
Power Steering System --	73055601	73061839	.....	73061852	73063303	73063290
Transmission and Torque Converter --	73062168	73061837	.....	73061850	73063301	73063288
Turbocharger	70677064	70678570	.....	70678727	.....	.....
Service Manual Set	73069612	.....	.....	.....	.....	.....

IMPORATANT

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 or parcel post.

Confirm all telephone or telegraph orders in writing.

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

MODEL SYMBOL	ENGINE MODEL	DESCRIPTION
745-C	11000 MKII (Wheel Loaders prior to approx. Jan., 1979)	Turbocharged Diesel powered engine, four wheel drive loader equipped with: powershift transmission, torque converter, planetary axles, power steering and power brakes.
	685T (Wheel Loaders effective approx. Jan., 1979)	

SERIAL NUMBER LOCATIONS

LOADER SERIAL NO.: On plate attached to left side of platform.

ENGINE SERIAL NO.: On plate attached to the right 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.

RECORD YOUR SERIAL NUMBERS BELOW

WHEEL LOADER SERIAL NO. _____

ENGINE SERIAL NO. _____

TRANSMISSION SERIAL NO. _____

AXLE SERIAL NO.:

Front: _____

Rear: _____

MODEL SERIAL NUMBER

SERIAL NO. consisting of all 8 characters must always be submitted for positive identification of your machine.

LOADER MODEL	SERIAL NO.	
	PRODUCT CODE	UNIT NO.
745-C	64M	03651
(Example)	22Y	03651

ALPHABETICAL INDEX

A

Accessory Drive	90
Air Application Valve Assy.	134
Air Brake Lines	128
Air Cleaner:	
Assembly	66
Connections	64
Indicator	64
Air Compressor Assy.	53
Air Horn Assy.	127
Air Horn and Lines	126
Air Tank Drain Valve	133
Air Tank and Lines	131
Alcohol Injector and Lines	137
Alcohol Injector Assy.	138
Alternator	232
Alternator and Mounting	233
Automatic Boom Kickout	197, 200
Automatic Bucket Leveler	204, 208
Axle Assy. and Mounting	108
Axle Disconnect Control	94

B

Back up Alarm	229
Batteries and Cables	239
Battery Covers	238
Brake Reservoir Assy.	124
Boom	212
Boom Kickout (hydraulic)	200
Boom Kickout (single lever control) ...	197
Brake Air Lines	128
Brake Head Assy. (front & rear)	116
Brake Assy. (parking)	96
Brake Hydraulic Lines (front)	118
Brake Hydraulic Lines (rear)	120
Breather:	
Brake Reservoir	125
Engine	19
Transmission	80
Bucket (general purpose)	193
Bucket (multipurpose)	189
Bucket Cylinder Assy.	195

Bucket Hydraulics	191
Bucket Leveler	204
Bucket Leveler (single lever control) ...	208
Bucket Level and Position Indicator	196
Bucket Teeth	189, 193

C

Cab Heater	256
Cab and Wiper Assy.	246
Camshaft	23
Canopy Assy. (ROPS)	258
Charging Oil Pump	91
Clutch Cut-Off Valve	121
Cold Weather Start	63
Compressor and Lines	51
Compressor Assembly	53
Controls:	
Bucket & Boom	182, 185, 187
Engine	67
Parking Brake	98
Rear Axle Disconnect	94
Transmission	100
Control Valve Assy. (hydraulic)	170
Control Valve Assy. (transmission)	92
Cowl and Platform	214
Counterweight	220, 222, 223
Coolant Filter and Lines	42
Crankshaft	16
Crankshaft Pulley	15
Cutting Edge	193
Cylinders:	
Bucket (multipurpose bucket)	195
Dump	161
Master	197, 200, 204, 208
Lift	165
Slave	197, 200, 204, 208
Steering	146
Cylinder Block	13
Cylinder Head	20

D

Dash Light Assy.	234
Demand Valve Assy.	150

ALPHABETICAL INDEX

Defroster Fan, Instrument Panel and Wiring	250	Flex Disc and Converter Drive	23
Differential Assy. (front and rear)	112	Flood Light	229, 235
Differential No-Spin	111	Flywheel and Housing	22
Door Assy. (ROPS CAB)	248	Forward Clutch and Planetary	82
Drain Valve	133	Frame (front and rear)	220
Drive Shaft Group (front)	105	Front Piping	176
Drive Shaft (rear)	107	Fuel Filter	48
Dump Cylinder Assy.	161	Fuel Injection Pump	43
Dump Cylinder Piping	159	Fuel Injection Return Lines	46
Dipstick:		Fuel Tank and Lines	68
Engine	30	Fuel Filter and Lines	48
Fuel Tank	68		
Transmission	104	G	

Governor Assy.			55
---------------------	--	--	----

E

Electrical System	229		
Elements:			
Air Cleaner	66		
Fuel Filter	48		
Hydraulic Tank	168		
Oil Filter	32, 34		
Transmission Oil Filter	103		
Emergency Brake Control Group	139		
Emergency Brake Control Valve Assy. ..	140		
Emergency Steering Group	178		
Emergency Steering Motor and Pump ..	181		
Engine Breather	19		
Engine Controls	67		
Engine and Front Mounting	12		
Engine Oil Pump	29		
Engine Water Heater	61b		
Exhaust Manifold	38		
Engine Air Heater	38B		

F

Fan and Hub Assy.	60, 61, 61a		
Fenders	218		
"FILTER CARE" KIT	11A, B, C		
Filters:			
Air	66		
Engine Oil	32, 34		
Fuel	48		
Hydraulic Tank	168		
Transmission Oil	103		
Water	42		

H

Hand Primer Pump	50		
Head Light	229, 235		
Heat Exchangers	36		
Heater Cab	256		
High Output Alternator	233		
Hood	218		
Hose Parts	8		
High Range Clutch & Transfer Drive Gear ..	86		
Hour Meter	229		
Horn	127		
Hydraulic Controls:			
Single Lever	182		
2-Spool	185		
3-Spool	187		
Hydraulic Oil Cooler and Piping	174		
Hydraulic Piping (front-3rd spool)	176		
Hydraulic Pump Assy.	157		
Hydraulic Pump and Valve Piping	154		
Hydraulic Tank	168		

I

Injection Nozzles and Lines	44		
Injection Nozzle Parts	49		
Injection Pump	43		
Instrument Panel Cover (Vandalism Protection)	245		
Instrument Panel and Gauges	241		

ALPHABETICAL INDEX

Instrument Panel Electrical Components ..	243
Instruments & Wiring (ROPS CAB)	250
Intake Manifold	38, 38a

L

Ladder (right side)	217
Ladder, Handrail and Fenders	216
Lift Cylinder Assy.	165
Lift Cylinder Piping	163
Lighting:	
Cab	235
Dash	234
Flood	229, 235
Head	229, 235
Low Air Warning	243
Tail	237
Turn Signal	252
Light Assy.	235
Light Switch	243
Linkage Group	212
Lube Oil Filter	32, 34

M

Manifold - Intake and Exhaust	38
Manifold, Water Outlet	40
Mirror, Rear View	256c
Muffler	62
Multipurpose Bucket	189
Multipurpose Bucket Hydraulics	191

N

Noise Suppression	224
No-Spin Differential	111
Nozzle Holder Assy.	49

O

Oil Cooler:	
Engine	36

Hydraulic	174
Torque Converter	36
Oil Pan	30
Oil Pump Assy.	29
Oil Pump Lines	27
Output Shaft & Axle Disconnect	88

P

Packaged Parts	9
Painting and Marking	261
Parking Brake Assy.	96
Parking Brake Control	98
Platform	214
Piston and Connecting Rod	18
Power Steering Pump	151
Power Take-Off	90
Pressure Converter Assy.	122
Pumps:	
Engine Oil	29
Hand Primer	50
Hydraulic	157
Injection	43
Steering	151
Transmission Charging Oil	91
Water	39

R

Radiator Assy.	71
Radiator, Hoses & Fan Guard	70
Radiator Support, Hood and Fenders ...	218
Rear Axle Disconnect	94
Rear Panel Assy. (ROPS CAB)	257
Reservoir Assy. (brake)	124
Reverse Clutch & Planetary	84

S

Seat and Mounting	226
Seat Belts	227
Shaft and Hub (front & rear axle)	114
Side Panels	228

ALPHABETICAL INDEX

Sight Gauge Assy.	167
Sound Suppression	224
Starter	236
Starting Primer System	63
Steering Cylinder & Mounting Pins	146
Steering Cylinder Assy.	146
Steering Gear Assy.	143
Steering Gear Linkage	141
Steering Hydraulics (pump & valve)	148
Steering Hydraulics (cylinder section)	145
Steering Valve Assy.	152
Steering Pump Assy.	151

T

Taillight Assy	237
Tank:	
Air	131
Fuel	68
Hydraulic	168
Throttle Pedal	61
Timing Gear Housing	25
Tire and Wheel	211
Tire Inflation Kit	136
Torque Converter	74
Torque Converter Housing	76
Transmission Assy.	72
Transmission Charging Oil Pump	91
Transmission Control	100
Transmission Control Valve	92
Transmission Cooling Lines	104
Transmission Dipstick	104
Transmission Filter	103
Transmission Filter and Mounting	102
Transmission Housing & Cover	80
Transmission Shift Linkage	100
Tools	259
Turbine Drive Gear & Freewheel Unit	78
Turbocharger Assy.	58
Turbocharger Connections	56
Turn Signals	252

U

Undercarriage Guard	221-A
---------------------------	-------

V

Vandalism Protection:	
Battery Covers	238
Fuel Tank	48
Hydraulic Tank	218
Instrument Panel	245
Radiator	218
Side Panels	228
Valves:	
Air Application	134
Air Tank Drain	133
Clutch Cut-Off	121
Demand	150
Emergency Brake	140
Hydraulic Control	170, 173a
Safety (multipurpose bucket)	191
Steering	152
Transmission Control	92
Valve Operating Mechanism	23

W

Water Filter	42
Water Filter and Lines	42
Water Outlet Manifold	40
Water Pump	39
Wheel	211
Window (rear)	257
Window (slide)	249A
Wiper Groups	254

PACKAGED PARTS

PACKAGE NO.	DESCRIPTION
73048750	REPAIR KIT, alcohol injector (See page 138)
70684391	REPAIR KIT, bucket safety valve (See page 191)
73056493	REPAIR KIT, dump cylinder (See page 161)
73053765	REPAIR KIT, hydraulic pump (See page 157)
73056488	REPAIR KIT, lift cylinder (See page 165)
73058985	REPAIR KIT, master cylinder (See pages 197, 200, 204, 208)
73058961	REPAIR KIT, slave cylinder (See pages 197, 200, 204, 208)
73058324	REPAIR KIT, steering cylinder (See page 146)
74322280	REPAIR KIT, water pump (See page 39)
.....	BEARING KIT, crankshaft (See page 16)
.....	BEARING KIT, piston and connecting rod (See page 18)
73067494	DECAL KIT (See page 261)
73055085	LINING KIT, parking brake (See page 96)
73063684	MAINTENANCE KIT, air application valve (See page 134)
74062311	RING SET, piston (See page 18)
73063683	SEAL KIT, air application valve (See page 134)
74061746	SLEEVE KIT, cylinder block (See page 13)
73067633	SERVICE KIT, pressure converter (See page 122)
73062091	SEAL AND GASKET KIT (For either standard or optional transmission)
	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 73063376 SEAL
	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
	1 73062025 RING, seal
	1 73062026 RING, seal
	2 73062027 RING, seal

(Continued)

(Revised October 1980)

PACKAGED PARTS

PACKAGE NO.	DESCRIPTION
73062091 (Cont'd)	SEAL AND GASKET KIT (For either standard or optional trans.)
1	73062031 GASKET
1	73062032 GASKET
2	73062043 O-RING
1	73062051 RING, seal
1	73062067 RING, seal
1	73069421 GASKET, sump cover
74322198	GASKET KIT, cylinder head
1	70917807 SLEEVE, turbocharger oil supply, lower.
4	70923574 O-RING, by-pass tube
4	70923813 O-RING, connector tube
1	74027975 HOSE, turbocharger air discharge
1	74255983 SLEEVE, turbo oil supply, upper
1	74321437 GASKET, cylinder head, front
1	74321438 GASKET, cylinder head, rear
1	74322197 GASKET KIT, cylinder head cover
1	74300145 GASKET, water outlet elbow
4	74336182 GASKET, water outlet manifold
1	74336263 GASKET, thermostat housing
2	74393466 GASKET, turbocharger mounting
1	74336775 GASKET, outlet flange
2	74337764 GASKET, valve lifter cover
1	74339532 GASKET, turbo oil drain line
1	74339533 GASKET, turbocharger oil feed tube
2	74349193 GASKET, turbocharger air discharge elbow
1	74359214 GASKET, turbocharger mounting
12	74359741 GASKET, intake and exhaust manifold
6	74378031 GASKET, injector nozzle
1	74388349 HOSE, turbocharger air discharge elbow
74322200	GASKET KIT, engine overhaul
9	70917806 SLEEVE, fuel return manifold
2	70923376 O-RING, flywheel housing dowel (Discard)
1	70923579 O-RING, hand primer
3	70923718 O-RING, oil filter
1	70923814 O-RING, hydraulic pump drive
1	70923816 O-RING, flywheel to crankshaft
1	70923820 O-RING, fan drive
1	70924139 O-RING, injection pump mounting cover
12	74025385 SHIELD, nozzle dirt
1	74029556 WEAR SLEEVE KIT, flywheel
1	74036340 SEAL KIT, timing gear housing
1	74062088 SEAL KIT, flywheel housing (Order 74029500)
1	74321628 GASKET
1	74322198 GASKET KIT, cylinder head
1	74322199 GASKET KIT, oil pan
1	74335056 GASKET, water pump volute
3	74335577 GASKET, oil cooler (Discard)
1	74335578 GASKET, filter head (Discard)
1	74335712 GASKET, cover plate
1	74336676 GASKET, timing hole cover

(Continued)

(Revised November 1981)

PACKAGED PARTS

PACKAGE NO.	DESCRIPTION
74322200 (Cont'd)	GASKET KIT, engine overhaul
1	74336897 RING, sealing, flywheel housing to crankcase
1	74337279 GASKET, turbocharger adapter
1	74337740 GASKET, cover plate
6	74337972 O-RING, cylinder sleeve
1	74339118 GASKET, oil cooler
1	74339123 GASKET, filter
1	74339127 GASKET, heat exchanger flange
1	74339128 GASKET, filter
1	74339150 GASKET, filter head to block
1	74339151 GASKET, oil cooler to block
1	74339697 GASKET, heat exchanger rear cover
1	74339698 GASKET, heat exchanger front cover
1	74346456 GASKET, water inlet
1	74346744 GASKET, water pump
1	74347031 GASKET, by-pass
1	74348136 GASKET, timing gear housing
1	74348184 GASKET, filter head to block
1	74348185 GASKET, oil cooler water inlet
1	74348218 GASKET, oil pipe (Discard)
1	74349984 GASKET, oil cooler, lower
1	74354163 GASKET, timing gear cover
1	74354304 GASKET
1	74354415 GASKET, hydraulic pump mounting
1	74358766 GASKET, hydraulic pump cover
6	74359869 O-RING, cylinder sleeve, top
6	74359870 O-RING, cylinder sleeve, intermediate
1	74376520 GASKET, thermostat housing
1	74386137 GASKET, by-pass elbow
74062316	PISTON AND SLEEVE KIT (See pages 13 and 18)
1	74061746 SLEEVE KIT
1	74062313 PISTON KIT
74322199	GASKET KIT, oil pan
1	70930924 O-RING, oil discharge elbow
1	74320916 GASKET, oil discharge at block
1	74321893 GASKET SET, oil pan
2	74393359 GASKET, oil pump
2	74632291 GASKET, oil drain plug

(Revised October 1980)

"FILTER CARE" KIT
MODEL: 745C

250 HOUR KIT

PART NUMBER: 75124737

<u>QUANTITY</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>
2	70663977	GASKET HYDRAULIC FILTER
1	70926821	O'RING HYDRAULIC FILTER
1	70666421	HYDRAULIC FILTER
1	74395889	LUBE OIL FILTER

NOTE: For machines equipped with a bypass lube oil filter,
sell the customers one 74059343 as a separate item
in addition to the Filter Care Kit.

"FILTER CARE" KIT

MODEL: 745C

500 HOUR KIT

PART NUMBER: 75124738

<u>QUANTITY</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>
2	70663977	GASKET HYDRAULIC FILTER
1	70926821	O'RING HYDRAULIC FILTER
1	70666421	HYDRAULIC FILTER
1	74395889	LUBE OIL FILTER
2	74321716	FUEL FILTER
1	74393504	COOLANT FILTER

NOTE: For machines equipped with a bypass lube oil filter, sell the customers one 74059343 as a separate item in addition to the Filter Care Kit.

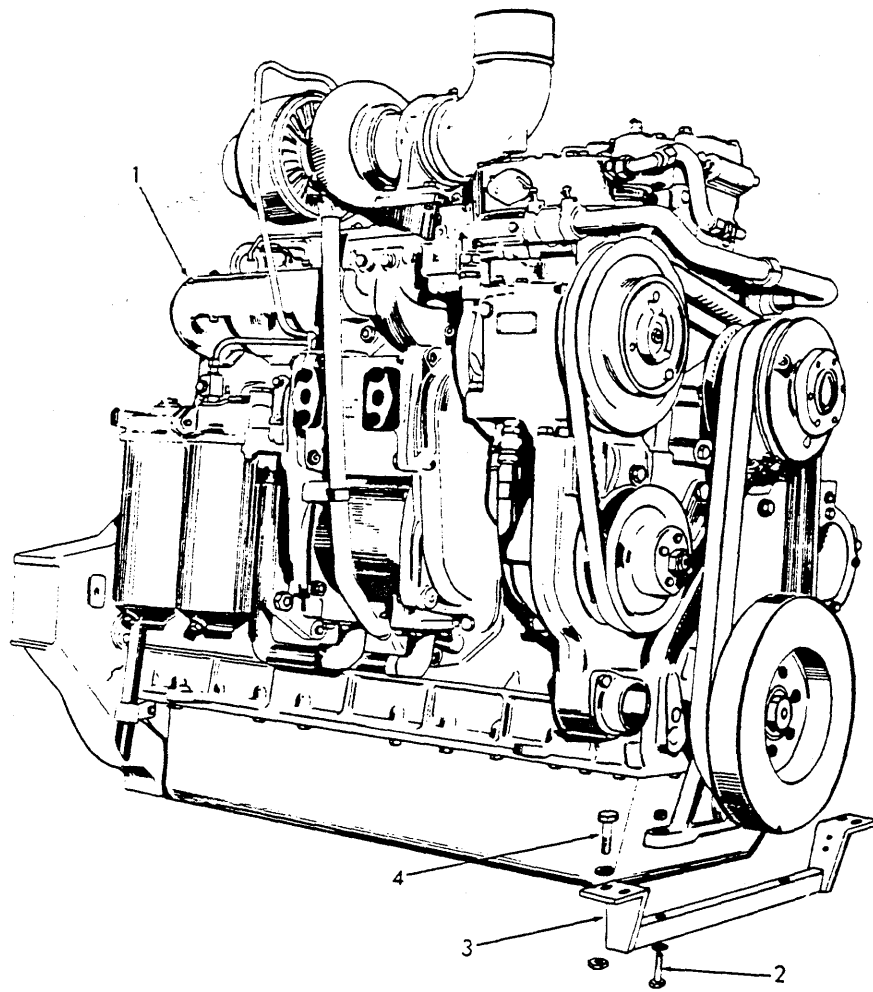
"FILTER CARE" KIT
MODEL: 745C

1000 HOUR KIT

PART NUMBER: 75124739

<u>QUANTITY</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>
2	70663977	GASKET HYDRAULIC FILTER
1	70926821	O'RING HYDRAULIC FILTER
1	70666421	HYDRAULIC FILTER
1	74395889	LUBE OIL FILTER
2	74321716	FUEL FILTER
1	74393504	COOLANT FILTER
1	73067517	GASKET TRANSMISSION STRAINER
1	70684734	AIR FILTER - PRIMARY
1	70662477	AIR FILTER - SAFETY
1	70679513	TRANSMISSION FILTER

NOTE: Clean and Reuse:
Transmission suction strainer - 73062052
For machines equipped with a bypass lube oil filter,
sell the customers one 74059343 as a separate item
in addition to the Filter Care Kit.

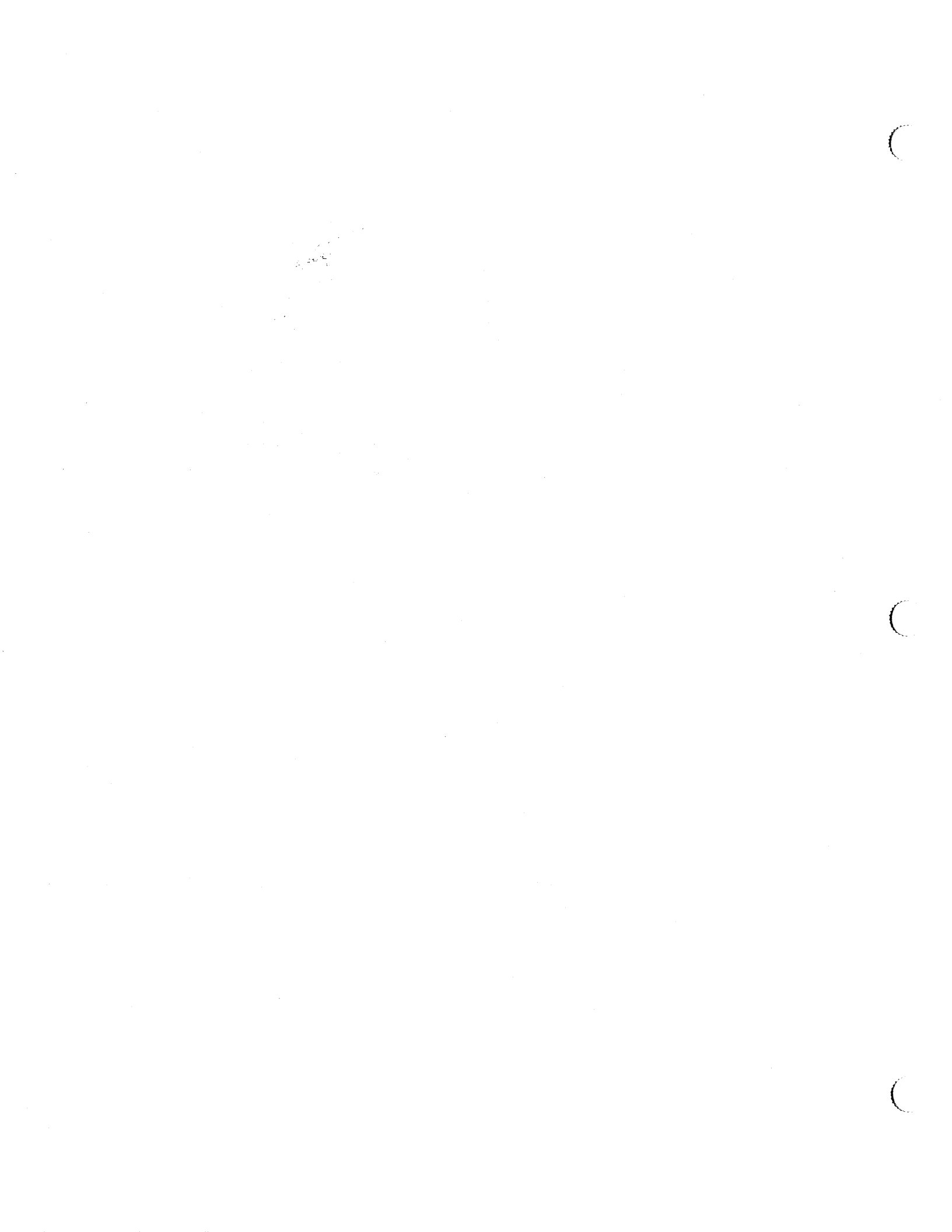


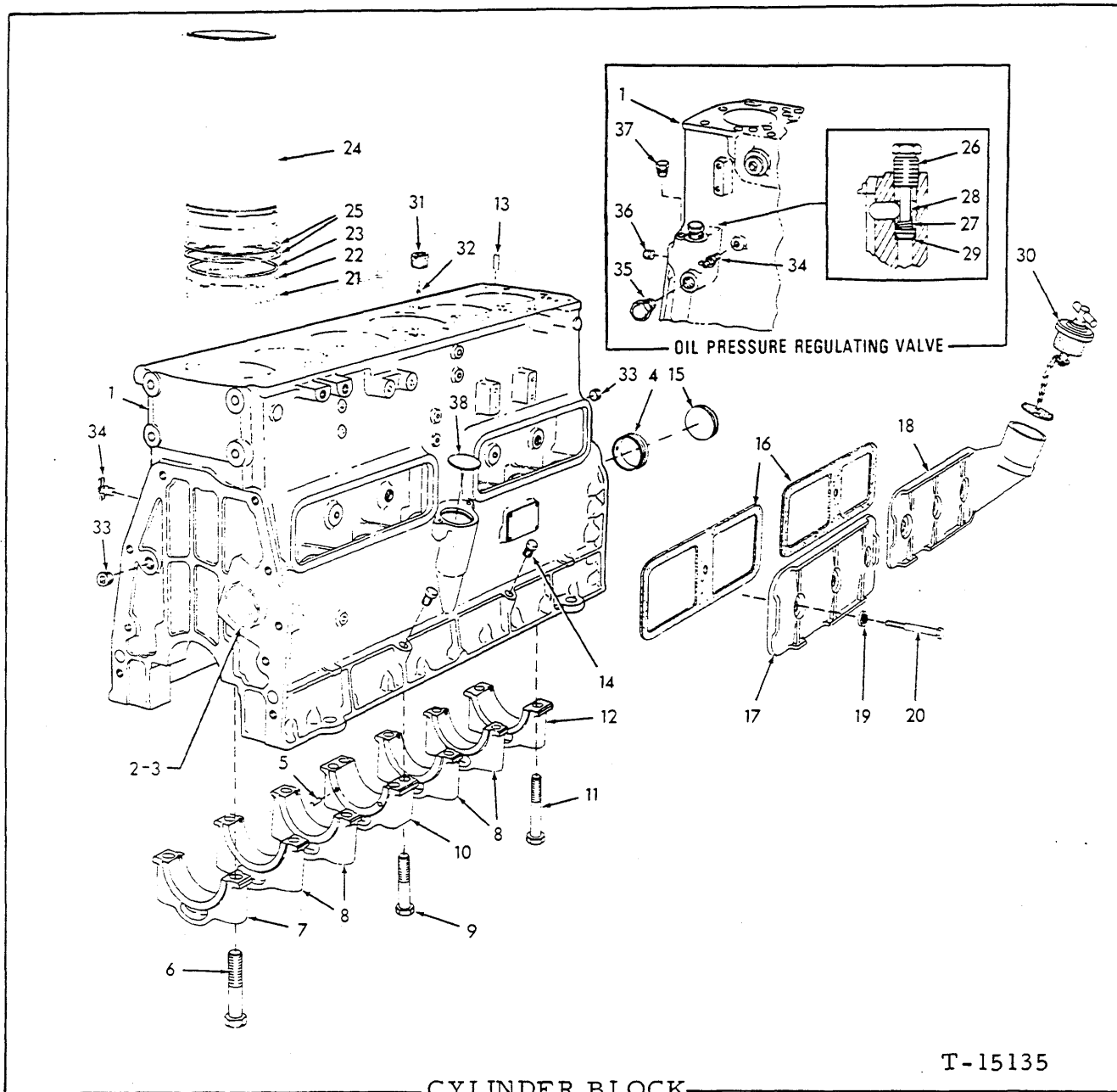
T-74198

ENGINE AND FRONT MOUNTING

NOTE: For rear engine mount see page 72.

ITEM	PART NO.	QTY.	DESCRIPTION
1	74321721	1	ENGINE ASSY. (Includes oil filters, oil cooler and fuel filters/ water separators, but is less air cleaner, fan, starter and muffler)
2	70916414	2	CAPSCREW, 5/8" NF x 5-3/4"
	70916589	2	NUT, 5/8" NF
3	73047510	1	BRACKET, weld assy.
4	70921597	4	CAPSCREW, 5/8" NC x 2-3/4"
	70677010	4	WASHER
	70911029	4	NUT, 5/8" NC





USAGE: Model 11000 Mark II and 685T engines

ITEM	PART NO.	QTY.	DESCRIPTION
1	74322358	1	BLOCK ASSY. (Includes installed items 2, 3, 4, 6 thru 12, 21 thru 24, 29 and 32)(See item 39 for loose parts)
2	74346100	1	BEARING, camshaft, front (standard size)
	74347416	1	BEARING, camshaft, front (.010" undersize)
3	74320591	2	BEARING, camshaft, intermediate (standard size)
	74347419	2	BEARING, camshaft, intermediate (.010" undersize)
4	74320592	1	BEARING, camshaft, rear (standard size)
	74347413	1	BEARING, camshaft, rear (.010" undersize)
5	-----	4	PIN, center main bearing cap (See page 16)

(Continued)

CYLINDER BLOCK (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
6	74339037	2	CAPSCREW, front main bearing cap (3/4"NC x 3-15/16")
7	74348056	1	CAP, front main bearing (See NOTE below)
8	74348244	4	CAP, intermediate main bearing (See NOTE below)
9	74035387	4	CAPSCREW, center main bearing cap (5/8"NC x 3-13/16")
10	74359964	1	CAP, center main bearing (See NOTE below)
11	74339036	10	CAPSCREW, rear and intermediate main bearing cap (3/4"NC x 4-5/16")
12	74348246	1	CAP, rear main bearing (See NOTE below)
			NOTE: Replacement bearing caps are items 7, 8, 10, and 12 and are semi-finished and must be line-bored after installing.
13	74336432	4	PIN, dowel, cylinder head
14	74362338	2	PLUG, crankcase
15	74255118	1	PLUG, camshaft hole
16	74337764	2	□GASKET, valve lifter cover
17	74320985	1	COVER, valve lifter, front
18	74320994	1	COVER, valve lifter, rear
19	74256008	6	WASHER, valve lifter cover capscrew
20	70913730	3	CAPSCREW, 5/16"NC x 2-1/4" (front)
	70913599	3	CAPSCREW, 5/16"NC x 2-1/4" (rear)
21	74337972	6	O-RING, cylinder sleeve (bottom groove)(red)
22	74359870	6	O-RING, cylinder sleeve (center groove)(black with blue markings)
23	74359869	6	O-RING, cylinder sleeve (top groove)(black with white markings)
24	74061746	6	□SLEEVE ASSY. (Includes sleeve and items 21, 22 and 23)
			NOTE: ITEM 25, use as required when block is re-machined to correct sinking of sleeve.
25	74348857	-	SHIM, cylinder sleeve (.005" thick)
	74348856	-	SHIM, cylinder sleeve (.008" thick)
	74348859	-	SHIM, cylinder sleeve (.010" thick)
	74348858	-	SHIM, cylinder sleeve (.015" thick)
	74348900	-	SHIM, cylinder sleeve (.020" thick)
26	74022129	1	SCREW, oil pressure regulating valve
27	74660358	1	SPRING, oil pressure regulating valve (Engines prior to #11-29109)
	74322289	1	SPRING, oil pressure regulating valve (Engines #11-29109 and up)
28	74507374	1	PISTON, oil pressure regulating valve
29	74507673	1	INSERT, oil pressure regulating valve seat
30	74354492	1	CLOSURE ASSY., oil flow (Serviced only as a unit)
31	74255577	1	PLUG, pipe, hex-socket, 3/4"NPT
32	74347061	1	RESTRICTOR (.078" orifice)
33	74255492	2	PLUG, pipe, hex-socket, 1/2"NPT
34	70912415	2	COCK, drain, 1/4"NPT
35	70920416	1	PLUG, pipe, hex-hd., 1/2"NPT
36	70918850	1	PLUG, pipe, 1/4"NPT
37	70920333	2	PLUG, pipe, hex-hd., 3/8"NPT

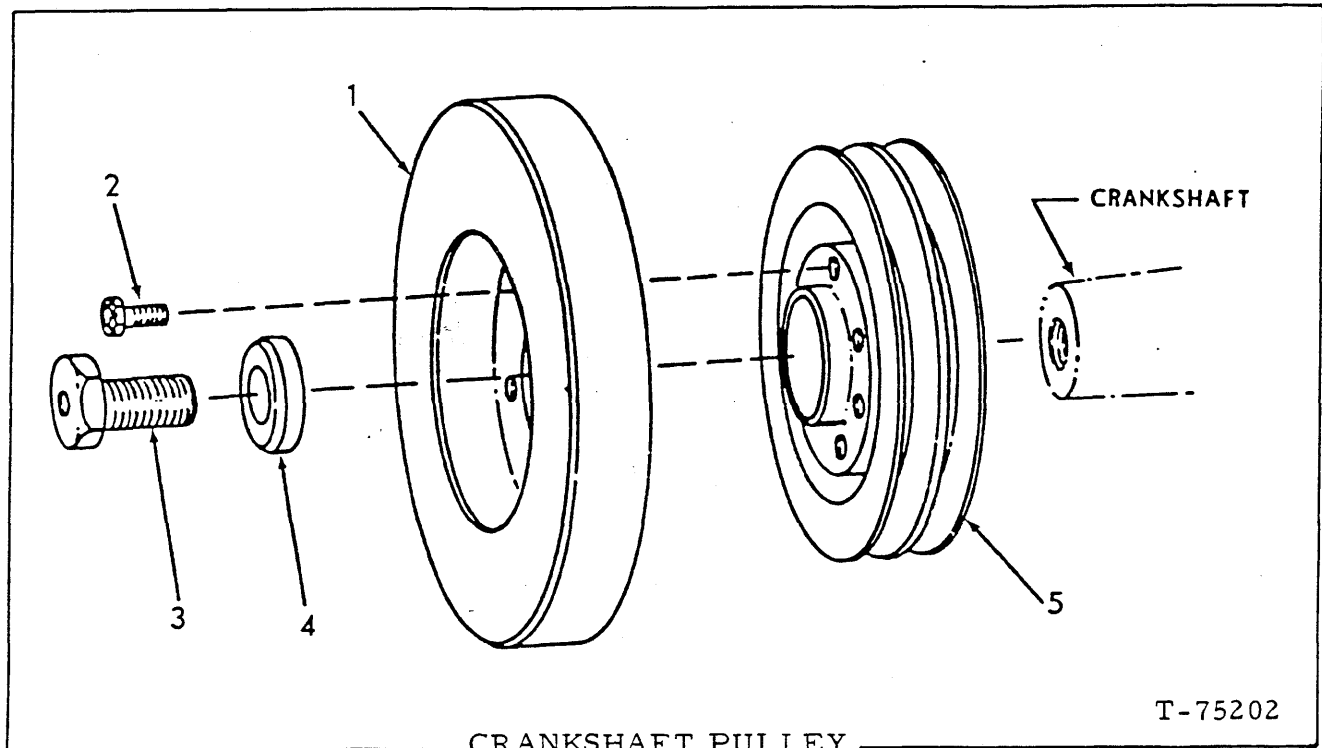
} See NOTE

(Continued)

CYLINDER BLOCK (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
38	70910017	1	PLUG, expansion, 2-3/8"
39	-----	1	LOOSE HARDWARE KIT (Includes item 5, 13, 14, 15, 26, 27, 28, 31, 33 thru 38 and hardware below)(Not all hardware items are required. See instruction sheet 74322357)
	70904516	10	SCREW, drive, #6 x 1/4"
	70912441	4	LOCKWASHER, 1/2"
	70916311	4	CAPSCREW, 1/2"NC x 1-1/4"
	70917673	1	PLUG, pipe, hex-socket, 1-1/8"NPT
-	70917724	1	PLUG, expansion, concave, 2-3/4"
-	70917960	1	PLUG, plastic, 3/4"
	70918851	1	PLUG, pipe, hex-socket, 3/4"NPT
	70918888	1	PLUG, pipe, hex-socket, 1"NPT
	70919134	2	PLUG, pipe, hex-hd., 1/8"NPT
	70919840	1	PLUG, pipe, hex-hd., 1/4"NPT
	70920473	2	CAPSCREW, nylok, 3/8"NC x 3/4"
	70922805	2	CAPSCREW, 1/2"NC x 3/4"
	70923718	1	O-RING
	70922846	6	PIN, grooved, 1/4" O.D.
	74007953	1	NAME PLATE
	74007954	1	INSTRUCTION SHEET, name plate
	74305073	2	STUD
	74322357	1	INSTRUCTION SHEET, service block
	74335369	1	PLATE, oil boss cover
	74346246	2	PIN (See page 25, item 19)
	74347061	2	RESTRICTOR (Engines piror to S/N 90846)

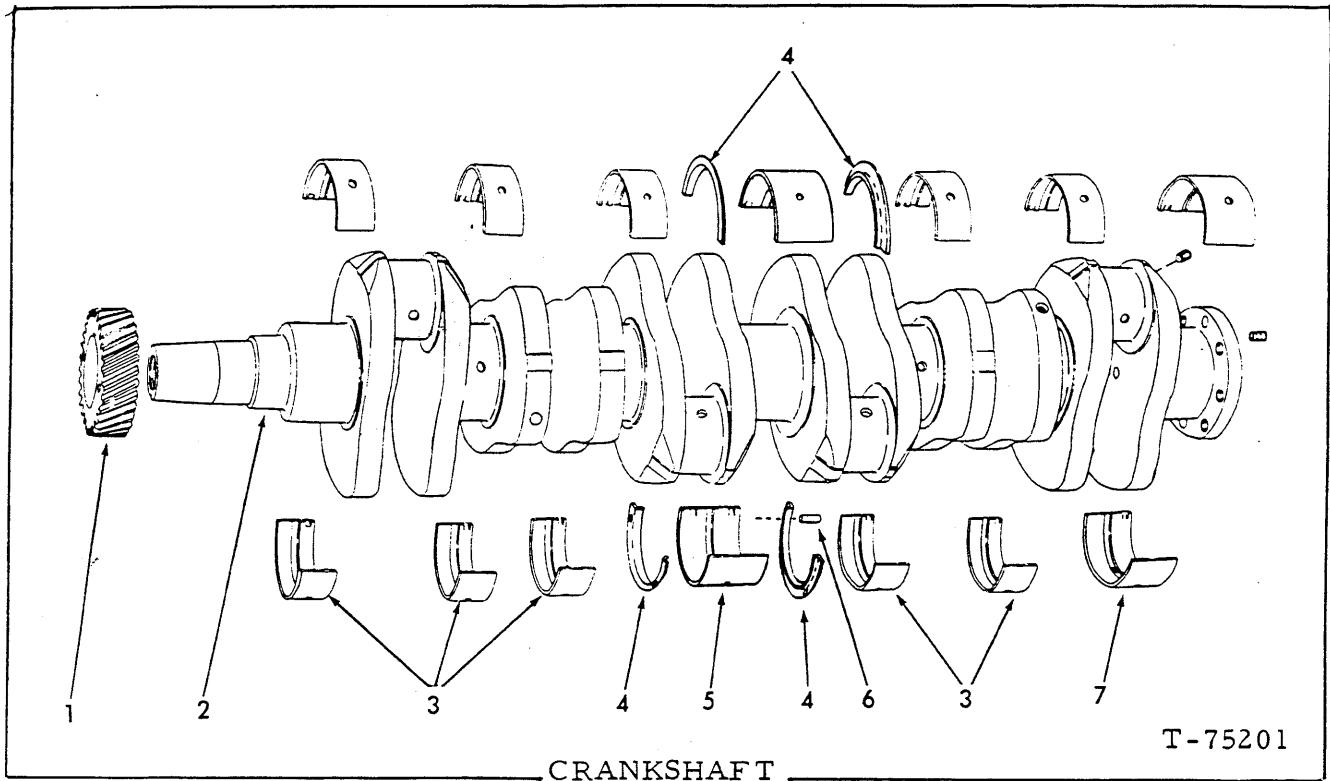




T-75202

CRANKSHAFT PULLEY

ITEM	PART NO.	QTY.	DESCRIPTION
1	74354261	1	DAMPER
2	74255585	6	BOLT, place, 7/16"NC x 1"
3	74393587	1	CAPSCREW, 1-1/4"NF x 2" (First type)
	74391307	1	CAPSCREW, 12 pt., 5/8"NC x 6" (Second type)
4	74371503	1	WASHER, 1-1/4" I. D. (First type)
	74322326	1	WASHER, 5/8" I. D. (Second type)
5	74359312	1	PULLEY



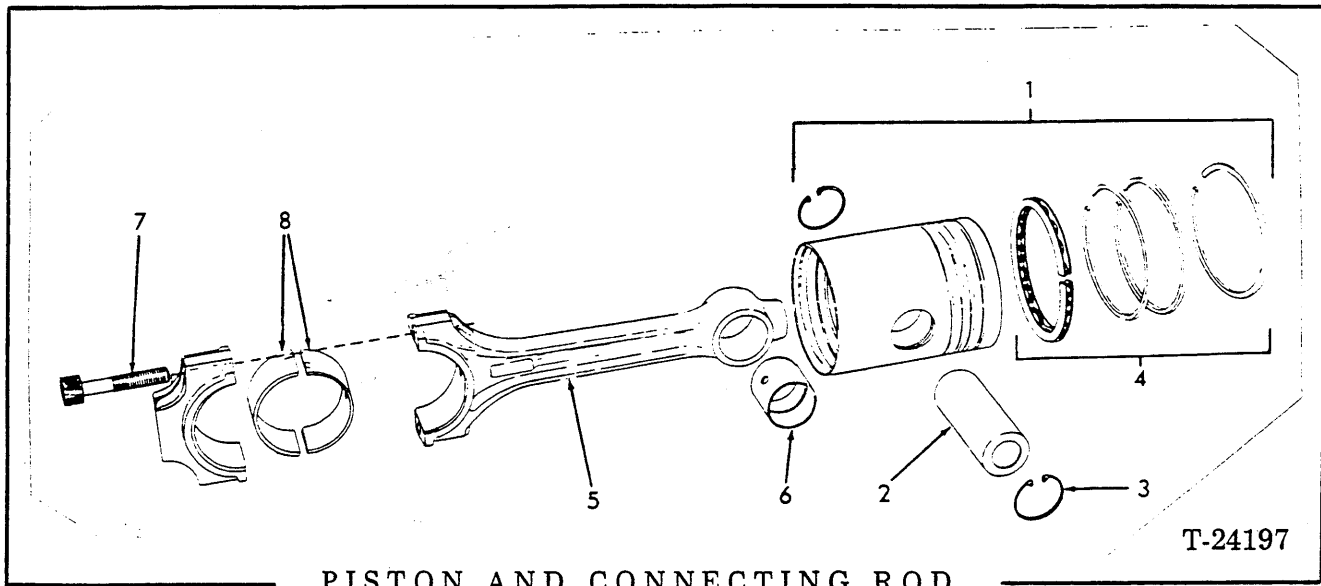
ITEM	PART NO.	QTY.	DESCRIPTION
1	74321381	1	GEAR
	70905127	1	KEY, "B", woodruff, 5/16" x 1"
2	74322512	1	CRANKSHAFT ASSY. (Includes Plug)(Also order 1- Washer 74322326 and 1- Capscrew 74391307)
	74255491	1	PLUG, pipe, 1/4"NPT
3	74322058	10	BEARING Std. size)
	74322117	10	BEARING (.010")
	74322118	10	BEARING (.020")
	74322119	10	BEARING (.030")
	74322120	10	BEARING (.040")
4	74337687	4	FLANGE (Std. size)
	74337688	4	FLANGE (.005")
	74337689	4	FLANGE (.010")
	74337690	4	FLANGE (.015")
5	74321349	2	BEARING (Std. size)
	74321392	2	BEARING (.010")
	74321393	2	BEARING (.020")
	74321394	2	BEARING (.030")
	74321395	2	BEARING (.040")
6	70919347	4	PIN, dowel
7	74337698	2	BEARING (Std. size)
	74337699	2	BEARING (.010")
	74337700	2	BEARING (.020")
	74337715	2	BEARING (.030")
	74337716	2	BEARING (.040")

(Continued)

CRANKSHAFT (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION	
8	74322208	1	*KIT, bearing (Std. size)	
	74322209	1	*KIT, bearing (.010")	
	74322210	1	*KIT, bearing (.020")	
	74322211	1	*KIT, bearing (.030")	
	74322212	1	*KIT, bearing (.040")	
9	74061821	1	KIT, flange, thrust (Std. size)	} Kit contains four each of items 4 and 6
	74061822	1	KIT, flange, thrust (.005")	
	74061823	1	KIT, flange, thrust (.010")	
	74061824	1	KIT, flange, thrust (.015")	

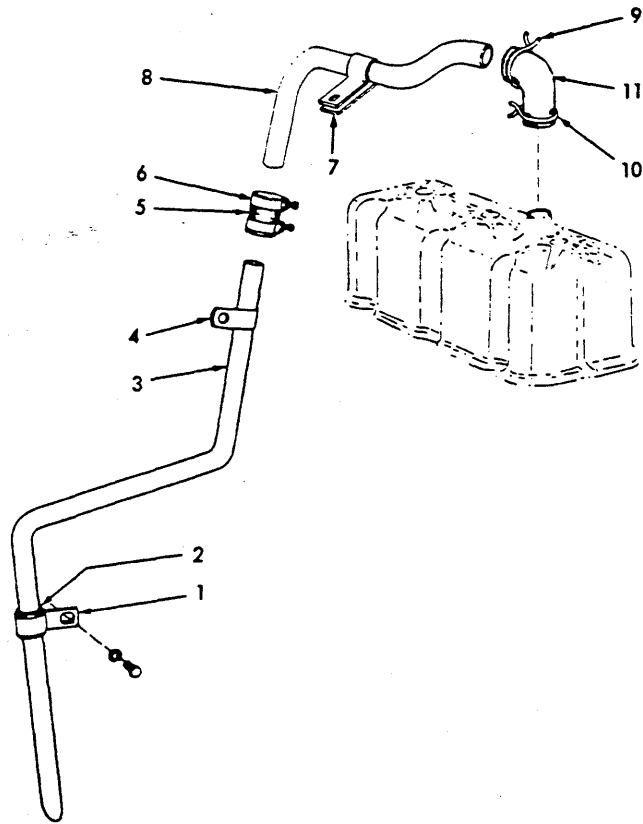
*Each Kit listed above consists of front, intermediate and rear main Bearings for complete crankshaft overhaul.



PISTON AND CONNECTING ROD

ITEM	PART NO.	QTY.	DESCRIPTION
1	74062313	6	<input type="checkbox"/> PISTON KIT (includes 1 PISTON, items 2, 3, 4, and instruction sheet)
2	74354778	6	<input type="checkbox"/> PIN
3	70927696	12	<input type="checkbox"/> RING, snap
4	74061742	6	<input type="checkbox"/> RING SET (Each consists of 3 rings and 1 oil control ring)
5	74320801	6	ROD ASSY. (includes items 6 and 7)
6	74339017	6	BUSHING
7	74359222	12	CAPSCREW
8	74321007	12	BEARING (Std. size)
	74321033	12	BEARING (.010")
	74321034	12	BEARING (.020")
	74321035	12	BEARING (.030")
9	74321036	12	BEARING (.040")
	74061766	1	BEARING KIT (Std.) (consists of 12 BEARING 74321007)
	74061767	1	BEARING KIT (.010")(consists of 12 BEARING 74321033)
	74061768	1	BEARING KIT (.020")(consists of 12 BEARING 74321034)
	74061769	1	BEARING KIT (.030")(consists of 12 BEARING 74321035)
	74061770	1	BEARING KIT (.040")(consists of 12 BEARING 74321036)

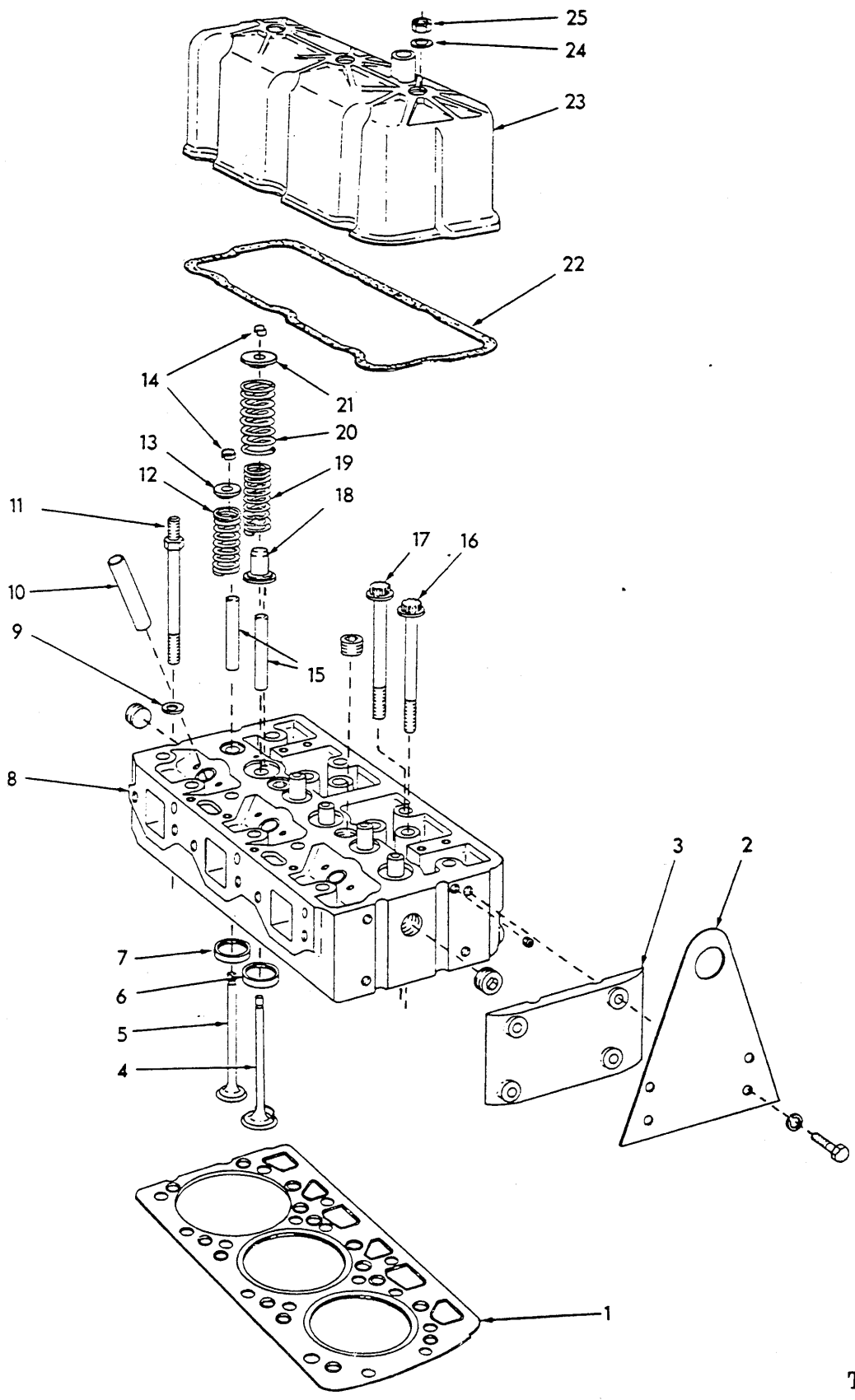
Also see page 9.



T-77339

ENGINE BREATHER

ITEM	PART NO.	QTY.	DESCRIPTION
1	74371323	1	CLIP
	70916271	1	CAPSCREW, 3/8" NC x 1"
	70910287	1	LOCKWASHER, 3/8"
2	74371324	1	INSULATOR (rubber)
3	74338310	1	TUBE
4	74254173	1	CLIP (use existing capscrews)
5	74347924	1	HOSE
6	74253453	2	CLAMP
7	74359203	1	CLIP
8	74359294	1	TUBE
	70912069	1	CAPSCREW, 3/8" NC x 2-1/2"
	70910287	1	LOCKWASHER, 3/8"
9	74253977	1	CLAMP
10	74253978	1	CLAMP
11	74359298	1	ELBOW



T-77627

CYLINDER HEAD

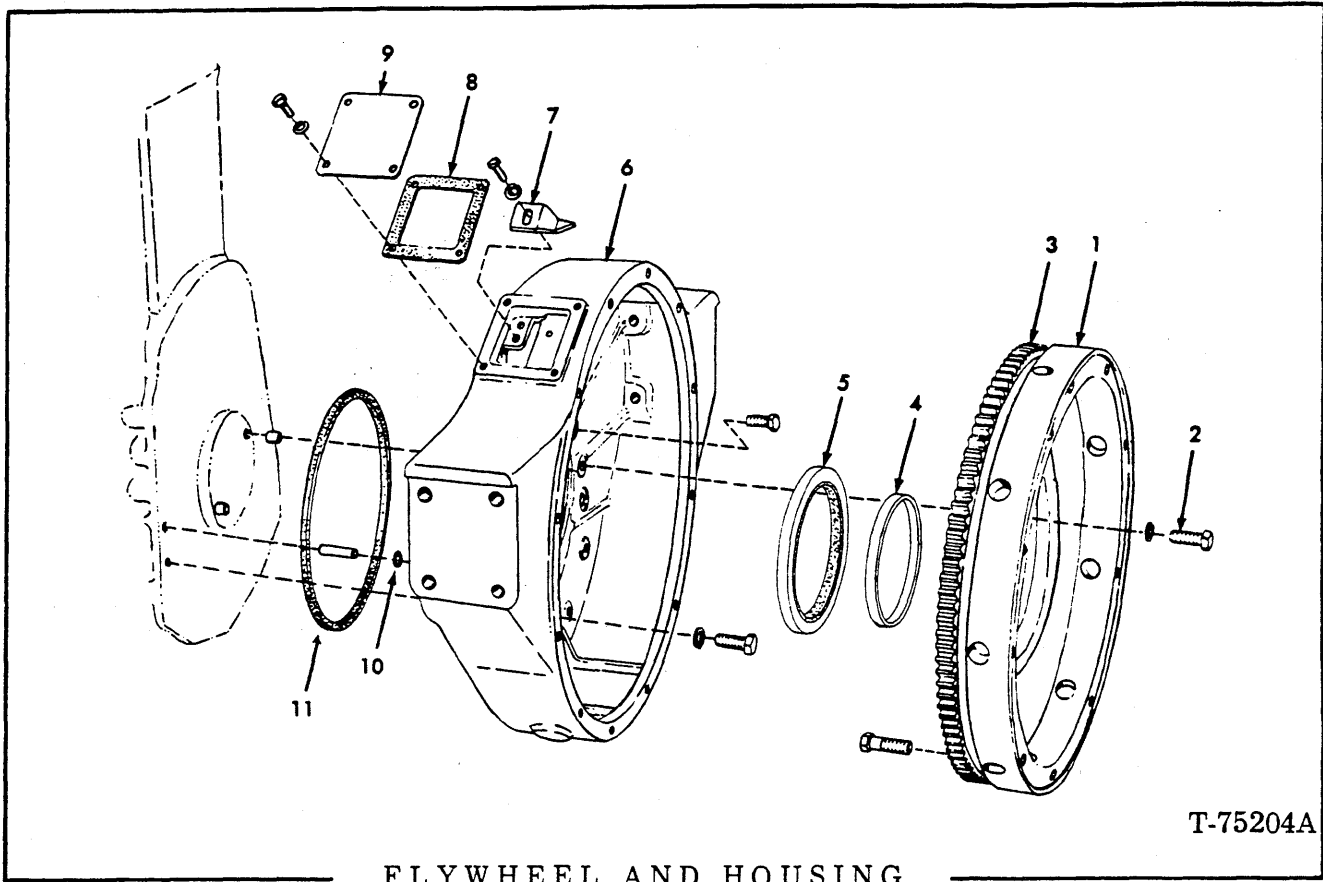
CYLINDER HEAD

ITEM	PART NO.	QTY.	DESCRIPTION
1	{ 74322296	1	<input type="checkbox"/> GASKET ASSY., front
	74322295	1	<input type="checkbox"/> GASKET ASSY., rear
2	74320616	2	EYE
3	74336178	2	PLATE
4	74321157	6	VALVE (30°)
5	74321372	6	VALVE (30°)
6	{ 74359112	6	INSERT, intake (30°- standard size)
	74359113	6	INSERT, intake (30°-.005" oversize)
7	{ 74359646	6	INSERT, exhaust (30°- standard size)
	74359115	6	INSERT, exhaust (30°-.005" oversize)
8	74320689	2	HEAD ASSY. (includes items 6,7,10,15 and hardware indented below)
	70917673	4	PLUG, hex-socket, 1/8" NPT
	70928879	8	PLUG, expansion, 1" diam.
9	74372864	1	WASHER
10	74336157	6	SLEEVE
11	74514400	1	CAPSCREW (1/2" x 5-3/8")
12	74336131	6	SPRING, exhaust
13	74020408	6	RETAINER, exhaust valve spring
14	74376497	24	LOCK (half only)
15	74322378	12	GUIDE
16	74320614	9	CAPSCREW 1/2" x 5-5/16"
17	74320613	24	CAPSCREW 5/8" x 5-9/16"
18	74320654	6	SEAT
19	74336130	6	SPRING, inner
20	74336129	6	SPRING, outer
21	74320655	6	ROTATOR
22	74336148	2	<input type="checkbox"/> GASKET
23	{ 74321718	1	COVER, rear
	74359264	1	COVER, front (Has breather elbow boss)
24	74376749	6	WASHER
25	74375937	6	NUT

} Includes instruction sheet

Also see page 9.

(REVISED FEBRUARY, 1985)



FLYWHEEL AND HOUSING

T-75204A

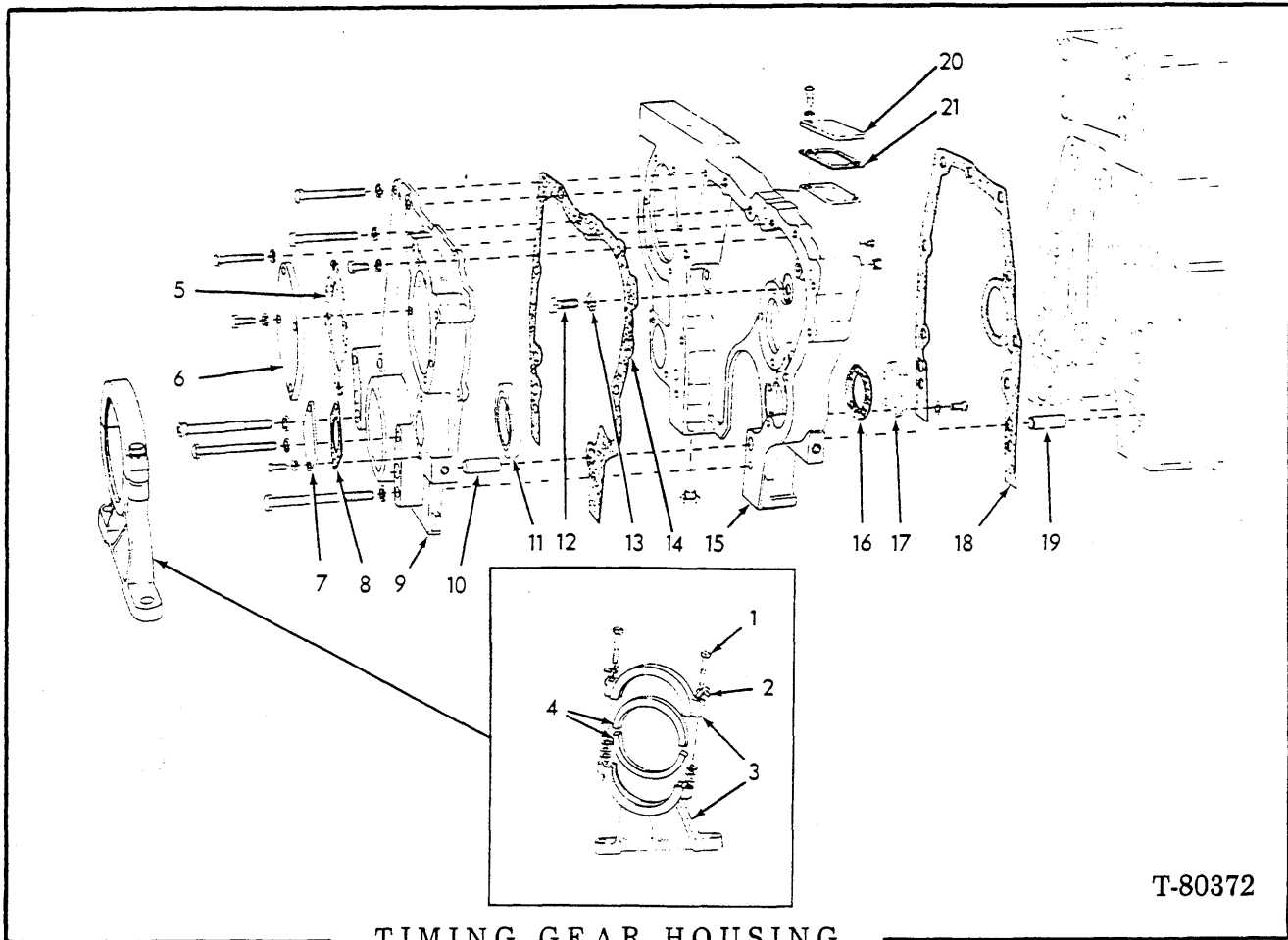
ITEM	PART NO.	QTY.	DESCRIPTION
1	74357386	1	FLYWHEEL ASSY. (includes item 3)
2	74035530	6	CAPSCREW
3	74341292	1	GEAR
4	74029556	1	SLEEVE KIT (consists of sleeve and instruction prints)
5	74029500	1	SEAL
6	74359085	1	HOUSING ASSY.
	70916311	9	CAPSCREW, 1/2" NC x 1-1/4"
	70901666	1	PLUG, pipe, 1" NPT
	70917021	2	PIN, dowel, 1/2" x 1"
7	74336609	1	POINTER, timing
	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, dowel
11	74336897	1	<input type="checkbox"/> O-RING, flywheel housing to crankcase

Also see page 9.

VALVE OPERATING MECHANISM (Continued)

ITEM	PART NO.	QTY.		DESCRIPTION	
		*	**		
8	74336234	12	12	ROD	
9	74255723	12	12	BOLT (self-locking)	
10	74359984	4	-	BRACKET, end	
	74321654	-	4	BRACKET, end	
11	74358989	6	-	ARM ASSY., intake valve	} Each includes items 13 and 14
	74321651	-	6	ARM ASSY., intake valve	
12	74358988	6	-	ARM ASSY., exhaust valve	
	74321650	-	6	ARM ASSY., exhaust valve	
13	74336646	12	12	SCREW	
14	74516821	12	12	NUT	
15	74338143	6	-	CLIP	
	70910919	6	-	WASHER, plain, 7/16"	
	70910986	6	-	NUT, 7/16" NF	
16	74348129	4	-	STUD (7/16" x 2-5/8")	
	70920648	-	4	CAPSCREW, 7/16" NC x 2"	
17	74348130	2	-	SCREW (7/16" NF x 3", dog-pt.)	
	74321712	-	2	SCREW (7/16" NC x 3", dog-pt.)	
	70912201	-	2	NUT, 7/16" NC	
18	74349157	2	-	TUBE ASSY. (includes nut)	
	70913039	2	-	ELBOW, male, 1/4" tube, 1/8" NPT	
19	-----	2	-	SHAFT ASSY. (Order SHAFT 74321649, 2 PLUG 74322 222 and 2 SPRING 74025191 per cylinder head)	
	70910002	4	-	PLUG, expansion, 3/4" diam.	
	74321649	-	2	SHAFT	
20	74254363	4	-	RING, snap	
21	74336142	2	-	BRACKET, center	
	74321654	-	2	BRACKET, center	
22	74335456	-	6	WASHER	
23	74322222	-	4	PLUG, shaft end	
24	74025191	-	4	SPRING, arm spacing	
25	-----	-	-	BEARING, camshaft (See page 13)	

(Revised November 1981)



T-80372

TIMING GEAR HOUSING

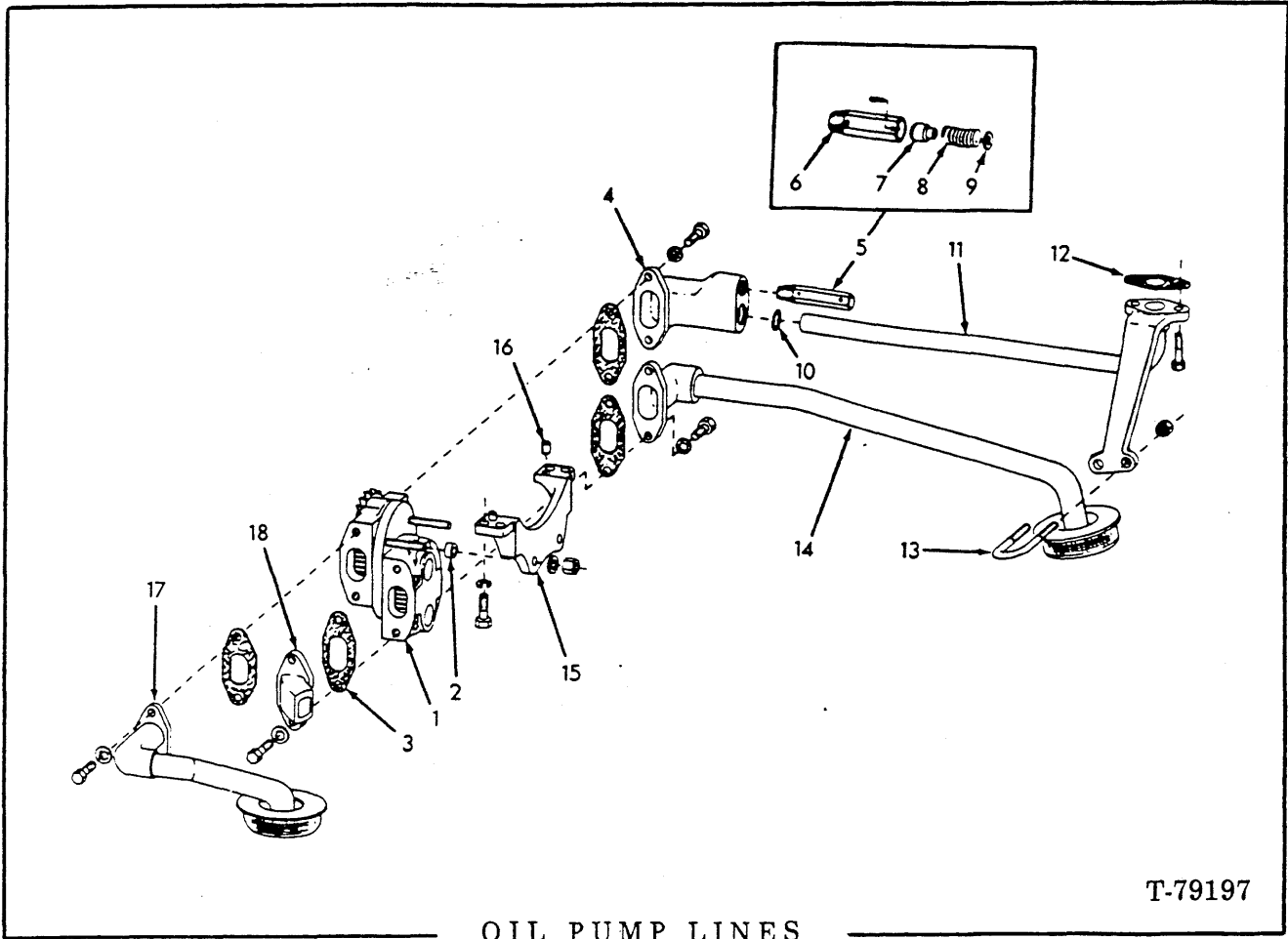
ITEM	PART NO.	QTY.	DESCRIPTION
1	74254891	2	CAPSCREW
	70916009	10	WASHER, plain, 1/32" thick (use as required)
2	74335550	2	LOCKWASHER
3	74335067	1	BRACKET, engine mounting (includes cap)
4	74336491	2	LINER
5	74321628	1	GASKET
6	74321627	1	COVER
	70916271	4	CAPSCREW, 3/8" NC x 1"
	70910287	4	LOCKWASHER, 3/8"
7	74335711	1	PLATE
	70916274	2	CAPSCREW, 3/8" NC x 2-1/4"
8	74335712	1	GASKET
9	74321630	1	COVER
	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"
	70910287	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"
	70912441	6	LOCKWASHER, 1/2"

(Continued)

TIMING GEAR HOUSING (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
10	74348107	2	PIN, dowel
11	74028862	1	SEAL
12	74004054	3	CAPSCREW
13	74253490	3	LOCKWASHER
14	74354163	1	<input type="checkbox"/> GASKET
15	74320742	1	HOUSING
	70919134	1	PLUG, hex-hd., 1/8" NPT
	70920416	1	PLUG, hex-hd., 1/2" NPT
	70917970	2	PLUG, socket, 1/2" NPT
16	74354415	1	GASKET
17	74354414	1	COVER
	70916277	6	CAPSCREW, 5/16" NC x 5/8"
	70917330	6	WASHER, copper, 11/32" I.D.
18	74322379	1	<input type="checkbox"/> GASKET
19	74346246	2	PIN, dowel
20	74354305	1	COVER
	70916269	2	CAPSCREW, 3/8" NC x 7/8"
	70910287	2	LOCKWASHER, 3/8"
21	74354304	1	GASKET

Also see page 9



T-79197

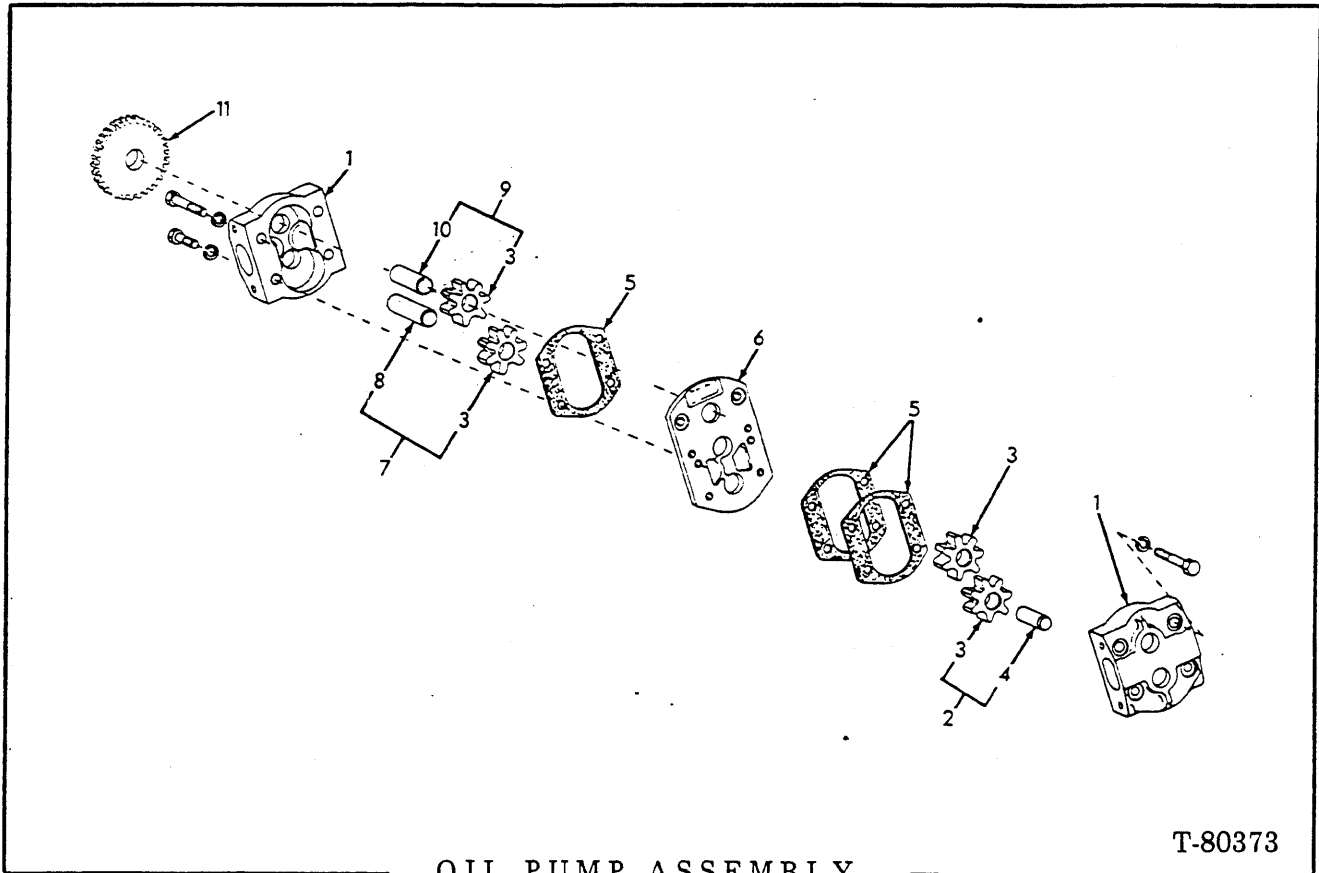
OIL PUMP LINES

ITEM	PART NO.	QTY.	DESCRIPTION
1	-----	1	PUMP ASSY. (see page 29)
	70907863	2	LOCKWASHER, 7/16"
	70928212	2	NUT, 7/16" NF
2	74395024	2	DOWEL
3	74393359	4	GASKET
4	74321052	1	ELBOW
	70923193	2	CAPSCREW, 3/8" NF x 1-1/4"
	70916543	2	LOCKWASHER, 3/8"
5	74320597	1	VALVE ASSY. (includes items 6 thru 9)
6	-----	1	BODY (order item 5)
	70916001	1	PIN, 3/16" x 1"
7	-----	1	PISTON (Order item 5)
8	74354568	1	SPRING
9	74359310	1	WASHER
10	70930924	1	O-RING
11	74320885	1	TUBE
	70921565	2	CAPSCREW, 3/8" NC x 1-1/2"
12	74320916	1	GASKET
13	74321053	1	U-BOLT
	70916871	2	LOCKNUT, 5/16" NC

(Continued)

OIL PUMP LINES (Continued)

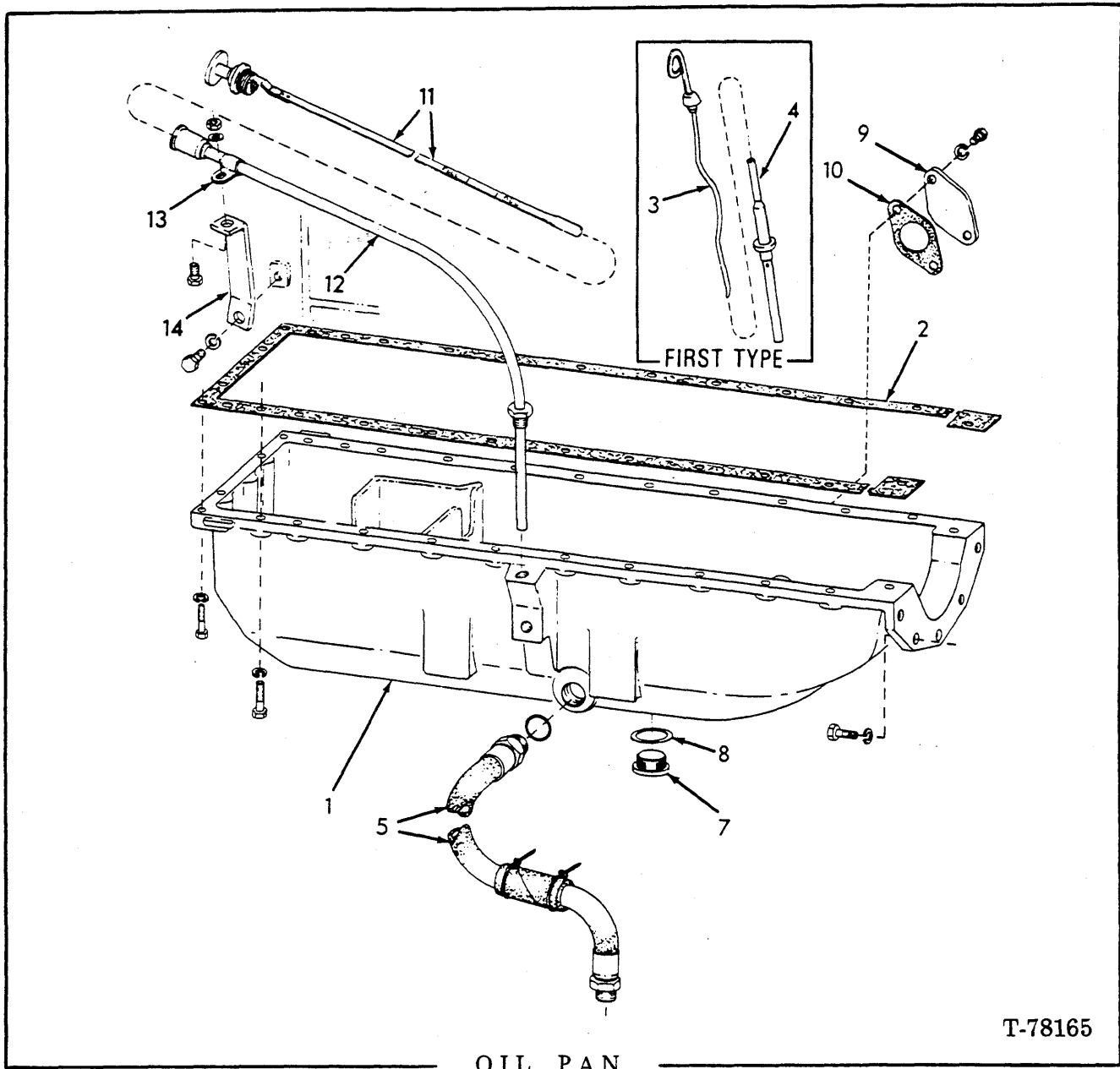
ITEM	PART NO.	QTY.	DESCRIPTION
14	74320887	1	TUBE
	70923193	2	CAPSCREW, 3/8" NF x 1-1/4"
	70916543	2	LOCKWASHER, 3/8"
15	74321671	1	BRACKET
	70921076	4	CAPSCREW, 3/8" NC x 1-1/4"
	70910287	4	LOCKWASHER, 3/8"
16	70917546	2	DOWEL (Used prior to engine s/n 11-27594)
17	74320839	1	TUBE
	70923193	2	CAPSCREW, 3/8" NF x 1-1/4"
	70916543	2	LOCKWASHER, 3/8"
18	74320838	1	ELBOW
	70923193	2	CAPSCREW, 3/8" NF x 1-1/4"
	70916543	2	LOCKWASHER, 3/8"



OIL PUMP ASSEMBLY

T-80373

ITEM	PART NO.	QTY.	DESCRIPTION
-	74321399	1	PUMP ASSY. (includes items 1 thru 11)
1	74395087	2	BODY ASSY.
	70920594	6	CAPSCREW, 7/16" NF x 2"
	70930705	2	CAPSCREW, 7/16" NF x 3"
	70907863	8	LOCKWASHER, 7/16"
2	74393353	1	SHAFT ASSY. (includes items 4 and 7)
3	74028077	4	GEAR
4	74393354	1	SHAFT
5	74393349	3	GASKET
6	74395089	1	PLATE ASSY.
7	74393352	1	SHAFT ASSY. (includes items 3 and 4)
8	74026614	1	SHAFT
9	74393350	1	SHAFT ASSY. (includes items 2 and 4)
10	74393351	1	SHAFT
11	74320884	1	GEAR



OIL PAN

T-78165

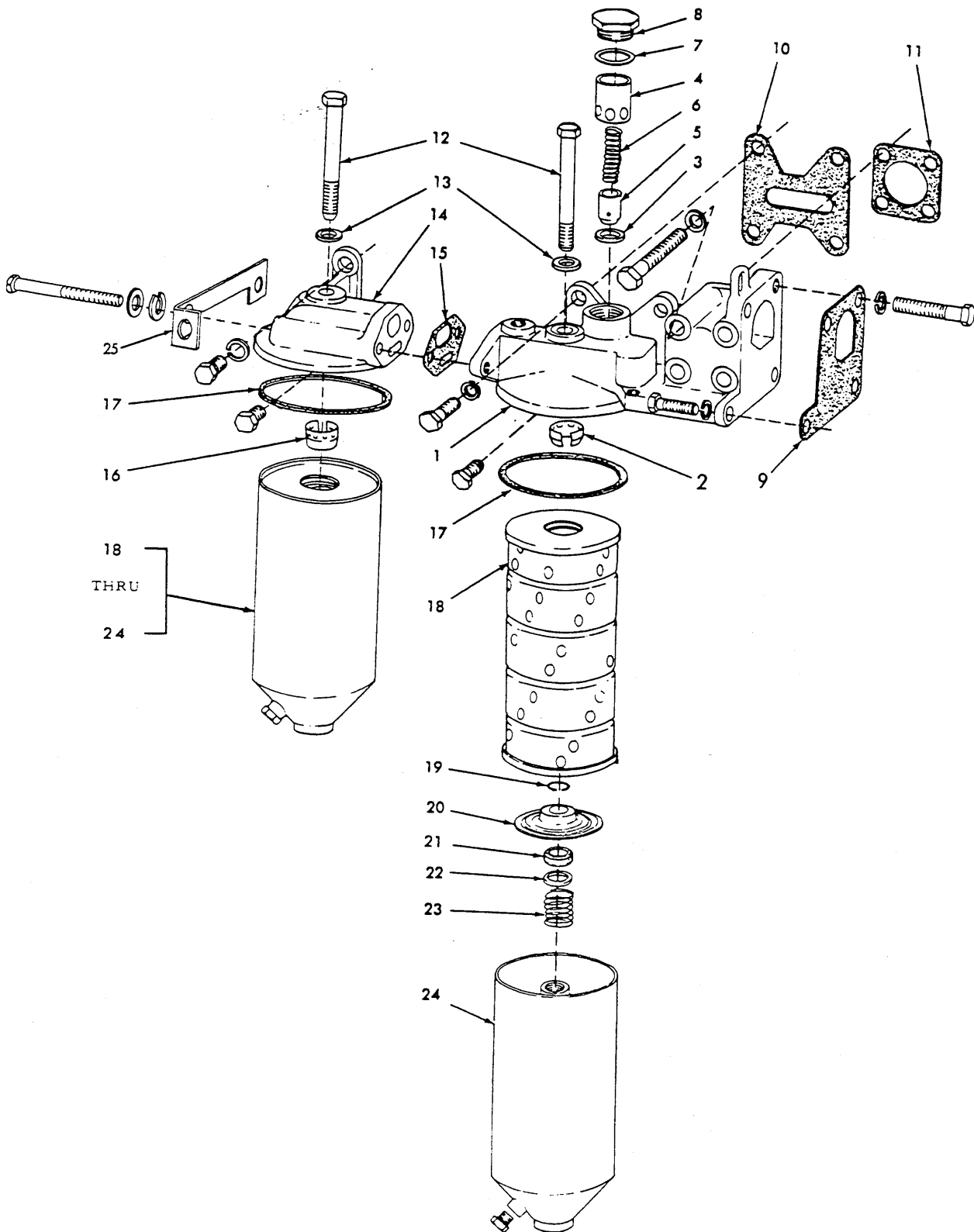
ITEM	PART NO.	QTY.	DESCRIPTION
1	74321186	1	PAN
	70916279	4	CAPSCREW, 5/16" NC x 1-1/2"
	70916271	2	CAPSCREW, 3/8" NC x 1"
	70914847	22	CAPSCREW, 3/8" NC x 1-1/2"
	74255916	5	CAPSCREW
	70912369	4	WASHER, plain, 21/64"
	70913544	29	LOCKWASHER, plain, 13/32"
	70904223	2	PLUG, sq. skt., 1/2" pipe
2	74321893	1	□ GASKET SET
3	74320898	1	GAUGE
4	74354656	1	ADAPTER ASSY.
			} used prior to engine s/n 11-28945

(Continued)

(Revised October 1980)

OIL PAN (Continued)

ITEM	PART NO	QTY	DESCRIPTION	
5	74321230	1	HOSE ASSY. (includes 1 O-RING indented below)	
	70921206	1	O-RING	
	70920416	1	PLUG, 1/2" (not illustrated)	
	70924673	1	NUT, 1-3/16" (not illustrated)	
6	73064274	1	HOSE	
	70925094	2	TIE	
7	70035250	1	PLUG	
8	70667252	1	GASKET	
9	74337741	1	PLATE	
	70916271	2	CAPSCREW, 3/8" NC x 1"	
	70910287	2	LOCKWASHER, 3/8"	
10	74337740	1	GASKET	
11	74321633	1	GAUGE	
12	74321634	1	ADAPTER ASSY.	} Effective with engine s/n 11-28945
13	70925617	1	CLAMP	
	70915408	1	CAPSCREW, 3/8" NC x 3/4"	
	70910287	1	LOCKWASHER, 3/8"	
	70910324	1	NUT, 3/8" NC	
14	74321636	1	BRACKET	
	70918683	1	CAPSCREW, 1/2" NC x 1-1/8"	
	70912441	1	LOCKWASHER, 1/2"	



18
THRU
24

ENGINE OIL FILTER

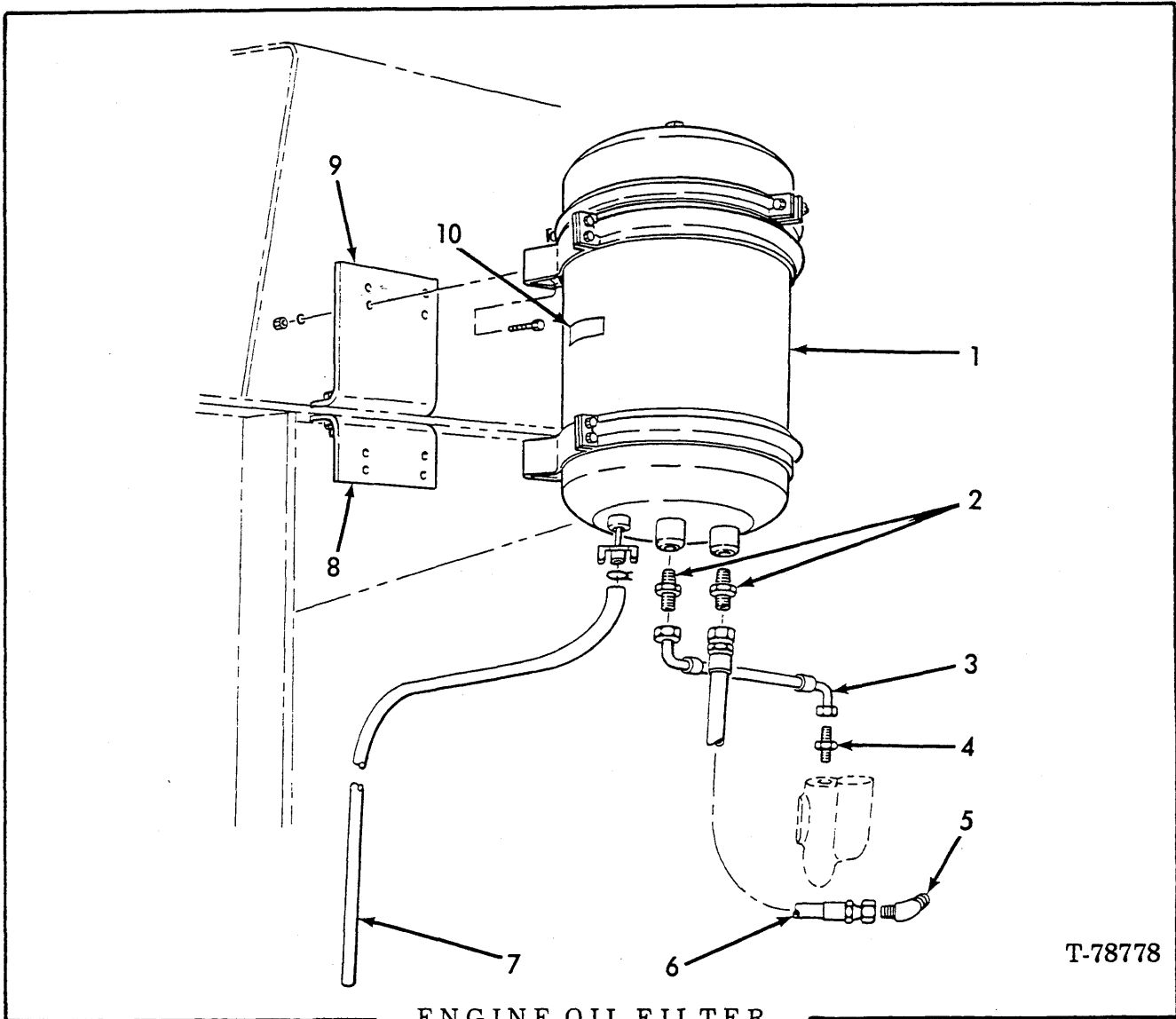
T-73177

ENGINE 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"
	70912441	6	LOCKWASHER, 1/2"
	70919293	4	CAPSCREW, 3/8" NC x 5"
	70910287	4	LOCKWASHER, 3/8"
2	74379263	1	ADAPTER
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	<input type="checkbox"/> GASKET
10	74339150	1	<input type="checkbox"/> GASKET
11	74348184	1	<input type="checkbox"/> GASKET } filter head to block
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"
	70910287	2	LOCKWASHER, 3/8"
	70922465	2	WASHER, plain
	70916311	1	CAPSCREW, 1/2" NC x 1-1/4"
	70912441	1	LOCKWASHER, 1/2"
	70921865	1	CAPSCREW, nylok, 1/2" NC x 1"
15	74339123	1	<input type="checkbox"/> GASKET
16	74379263	1	ADAPTER
17	743 96318	2	GASKET
18	74395889	2	CARTRIDGE ASSY. (includes item 17)
19	74379269	2	RING, snap
20	74055971	2	ADAPTER
21	74053409	2	SEAL
22	74053410	2	WASHER
23	74379268	2	SPRING
24	74339021	2	BODY
	70918951	2	PLUG, 3/8" NPT
25	74339595	1	BRACKET
26	73112963	2	DECAL (Not illustrated—applied to item 24)

Also see page 9.

(Revised October 1980)



ENGINE OIL FILTER

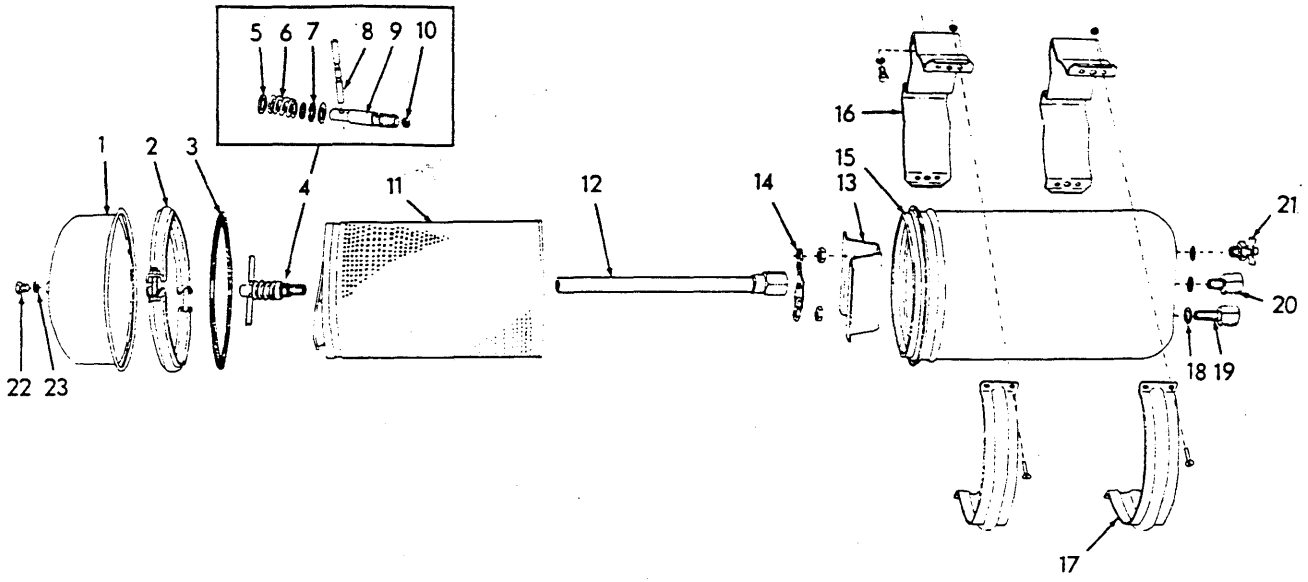
T-78778

USAGE: Special Equipment (Heavy duty type)

NOTE: If machine is equipped with platform mounted alcohol injector see page 137 for mounting bracket

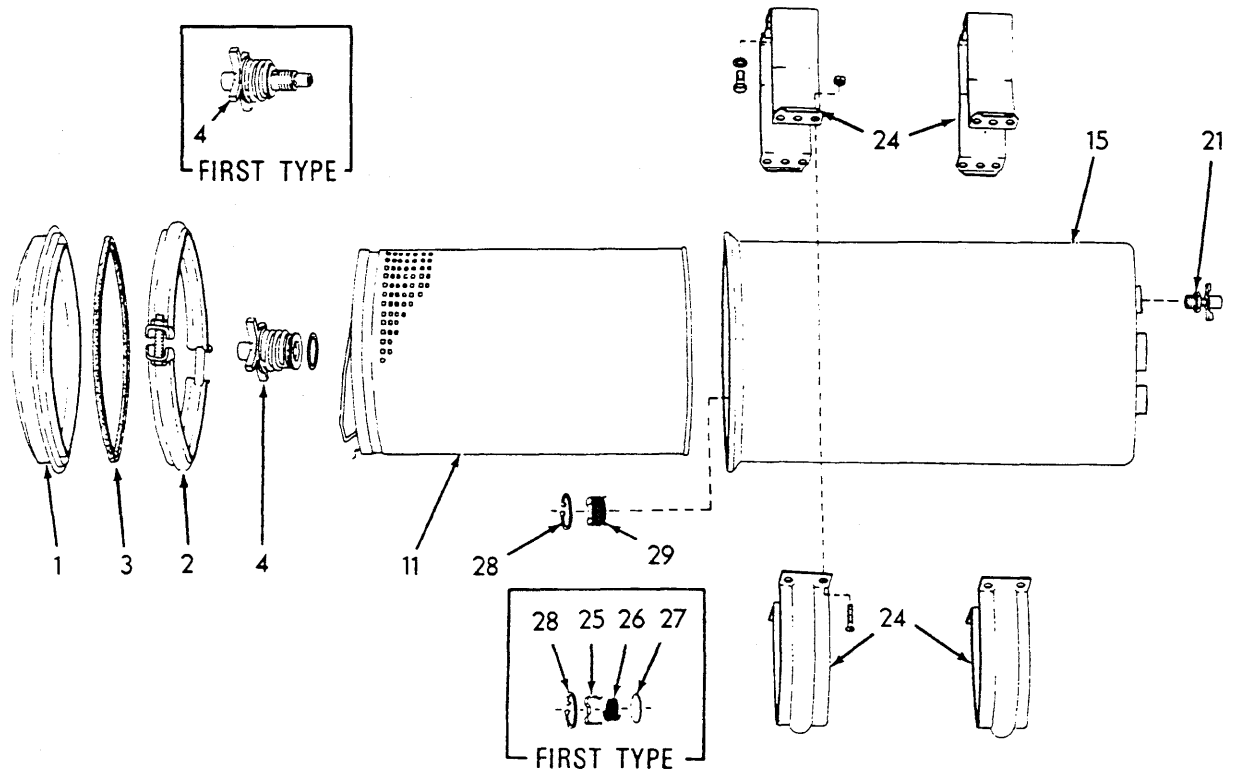
ITEM	PART NO.	QTY.	DESCRIPTION
1	-----	1	FILTER ASSY. (see page 35)
	70916271	8	CAPSCREW, 3/8" NC x 1"
	70910287	8	LOCKWASHER, 3/8"
	70910324	8	NUT, 3/8" NC
2	70919127	2	CONNECTOR, 3/8" tube, 1/2" taper thd.
3	73059762	1	HOSE ASSY. (serviced only as a unit)
4	70919172	1	CONNECTOR, 3/8" tube, 3/8" taper 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

MEMO



T-74660

LUBER-FINER DESIGN



T-76480

FLEETGUARD DESIGN

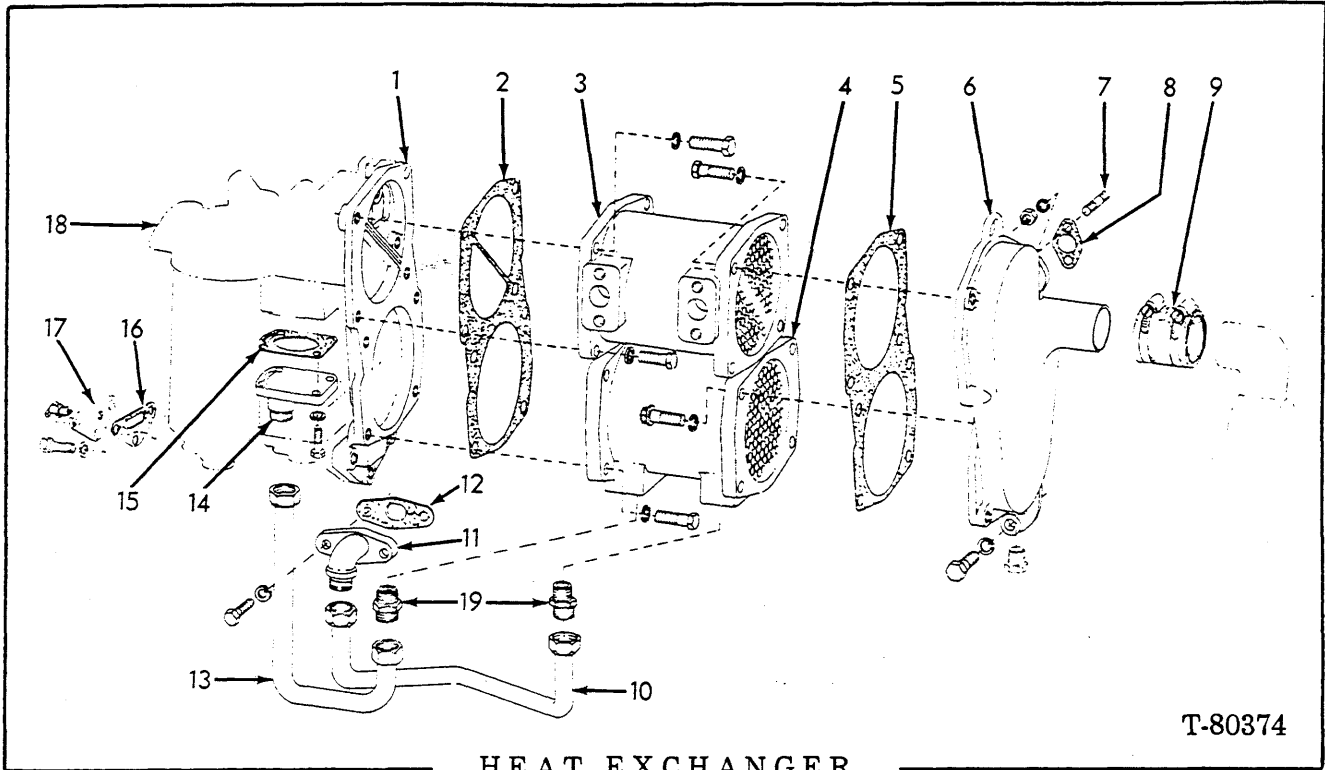
OIL FILTER (By-pass type)
(text on page 35a)

OIL FILTER (By-pass type)
(illustration on page 35)

USAGE: * Luber-Finer Design }
 ** Fleetguard Design } See page 34

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
	{ 74059266	1 -	HOLD-DOWN ASSY. (Includes items 5 thru 10)
	{ 74060691	- 1	SUPPORT ASSY. (Male thread post)
4	{ 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.
20	70080758	1 -	VALVE ASSY. } Serviced 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
26	74059811	- 1	SPRING
27	74059812	- 1	DISC
28	74253555	- 1	RING
29	74061789	- 1	VALVE, check



HEAT EXCHANGER

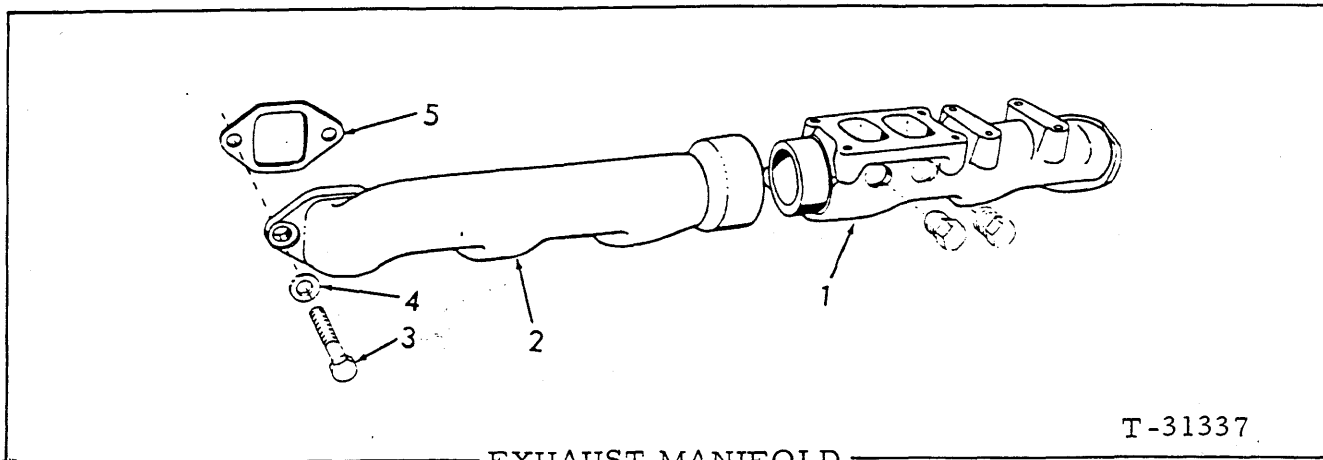
T-80374

ITEM	PART NO.	QTY.	DESCRIPTION
1	74339116	1	COVER
2	74339697	1	GASKET
3	74339120	1	EXCHANGER, torque converter
	70916313	4	CAPSCREW, 1/2" NC x 1-3/4"
	70912441	4	LOCKWASHER, 1/2"
	70916255	1	CAPSCREW, 7/16" NC x 1-3/4"
	70914678	1	LOCKWASHER, 7/16"
	70922066	2	SCREW, 12 pt., 1/2" NC x 1-3/4"
4	74320905	1	EXCHANGER, engine oil
	70916313	6	CAPSCREW, 1/2" NC x 1-3/4"
	70912441	6	LOCKWASHER, 1/2"
	70922066	2	SCREW, 12-pt., 1/2" NC x 1-3/4"
5	74339698	1	GASKET
6	74321146	1	COVER
	70920333	1	PLUG, pipe, hex-hd., 3/8" NPT
	70921556	1	CAPSCREW, 1/2" NC x 2"
	70912441	1	LOCKWASHER, 1/2"
7	74514091	2	STUD
	70917705	2	NUT, 3/8" NF
	70910287	2	LOCKWASHER, 1/2"
8	74348185	1	<input type="checkbox"/> GASKET
9	74506737	1	HOSE (to water pump)
	70925758	2	CLAMP
10	74320909	1	TUBE ASSY. (includes SLEEVE indented below)
	70929849	2	SLEEVE, 1" tube

HEAT EXCHANGER (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
11	74320904	1	ELBOW
	70921076	2	CAPSCREW, 3/8" NC x 1-1/4"
	70910287	2	LOCKWASHER, 3/8"
12	74339151	1	<input type="checkbox"/> GASKET
13	74320907	1	TUBE ASSY. (includes SLEEVE indented below)
	70929849	2	SLEEVE , 1" tube
14	74320903	1	FLANGE
	70916272	4	CAPSCREW, 3/8" NC x 1-1/4"
	70910287	6	LOCKWASHER, 3/8"
15	74339118	1	<input type="checkbox"/> GASKET
16	74339127	1	GASKET
17	74357701	1	COVER
	70912415	1	COCK, drain, 1/4" NPT
	70916311	3	CAPSCREW, 1/2" NC x 1-1/4"
	70912441	1	LOCKWASHER, 1/2"
18	-----	1	HEAD ASSY. (See page 32)
19	70929847	2	CONNECTOR, 1" tube, 1" pipe thd.

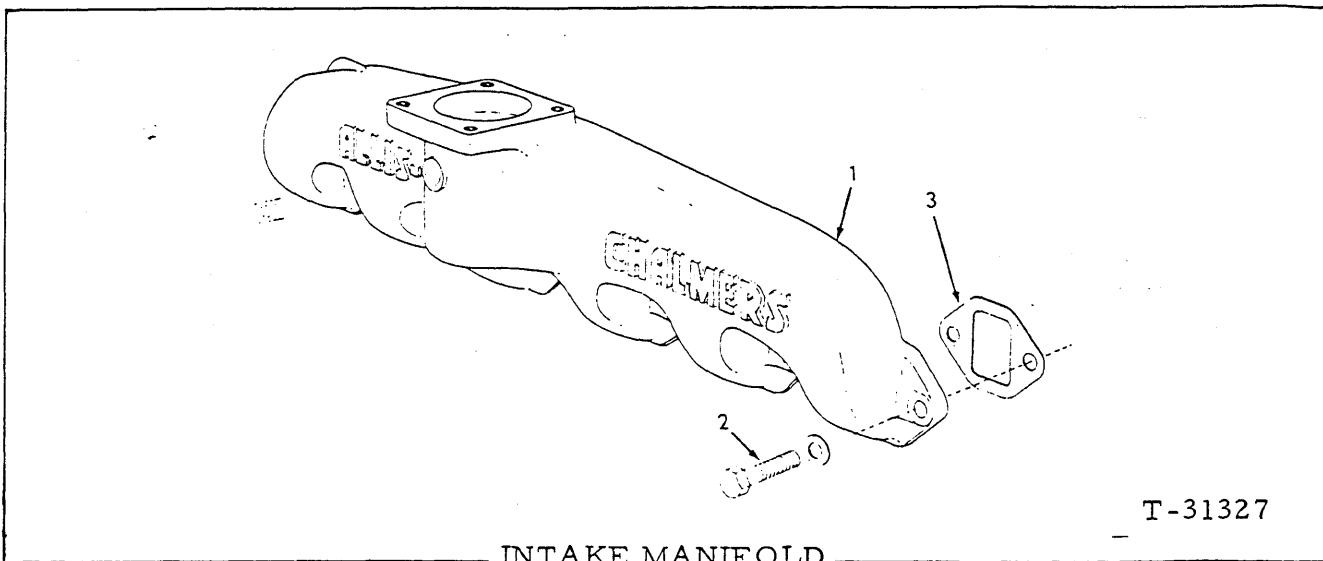
Also see page 9.



EXHAUST MANIFOLD

T-31337

ITEM	PART NO.	QTY.	DESCRIPTION
1	74339511	1	MANIFOLD
	70919840	2	PLUG, 1/4"NPT
	74339535	4	STUD
	74335623	1	MANIFOLD
3	70915987	12	CAPSCREW, 1/2"NC x 1-1/2"
4	74371107	12	WASHER
5	74359741	6	□ GASKET



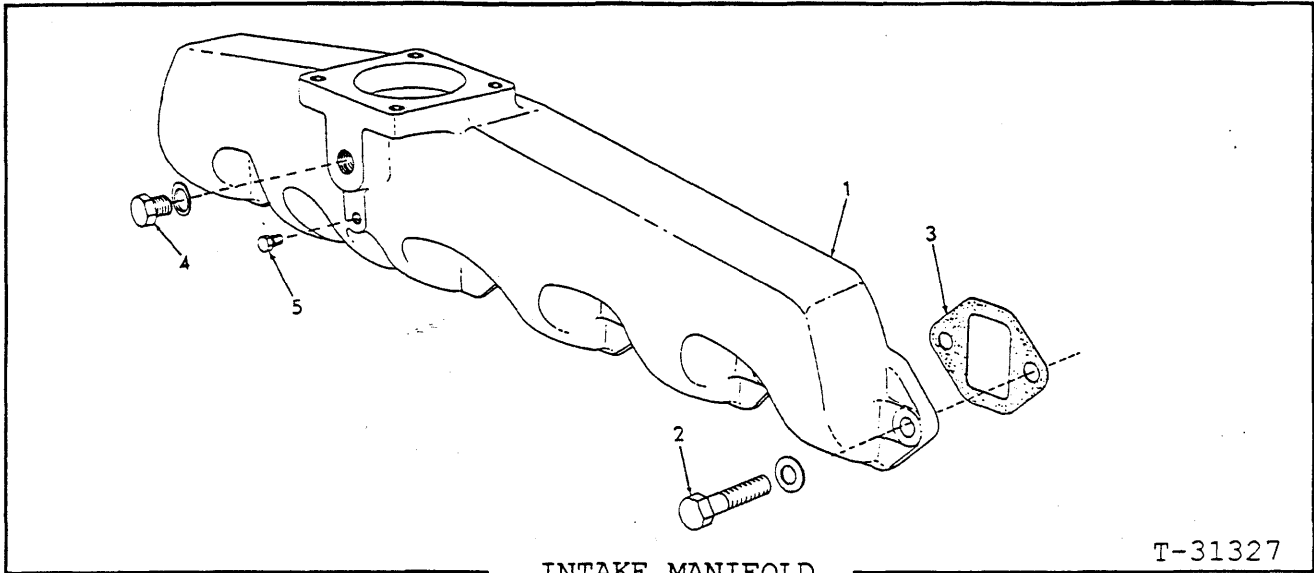
INTAKE MANIFOLD

T-31327

USAGE: Engines prior to S/N 11-29726

ITEM	PART NO.	QTY.	DESCRIPTION
1	74359725	1	MANIFOLD (Engines prior to S/N 11-29726)
	74321799	1	MANIFOLD (Engine S/N 11-29726 and up)
	70901652	1	PLUG, 1/4"NPT
	70918888	1	PLUG, ctsk-hd., 1"NPT(Not used with air comp.)
	74020880	1	PLUG, 1-1/8"NF
	74512343	1	GASKET, copper
2	74255914	12	CAPSCREW
	74371107	12	WASHER
3	74359741	6	□ GASKET

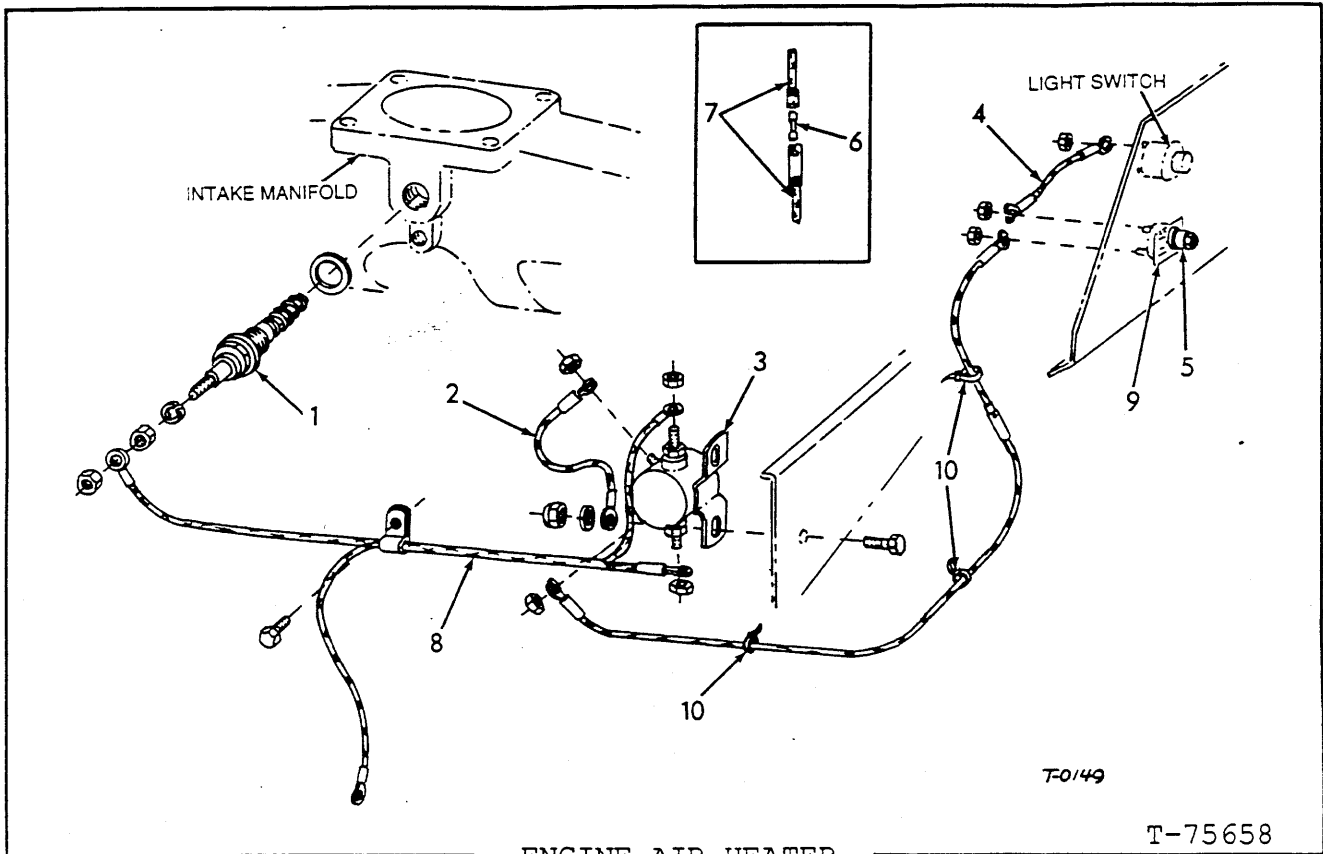
} Engine S/N 11-29726 and up (Not used with air heater)



USAGE: Effective with Engine S/N 11-29726

ITEM	PART NO.	QTY.	DESCRIPTION
1	74321799	1	MANIFOLD
	70910652	1	PLUG, 1/4"NPT
2	74255914	12	CAPSCREW
	74371107	12	WASHER
3	74359741	6	□ GASKET
4	74020880	1	PLUG (Not used on units equipped with Engine Air Heater)
5	74512343	1	GASKET

(Added February, 1988)



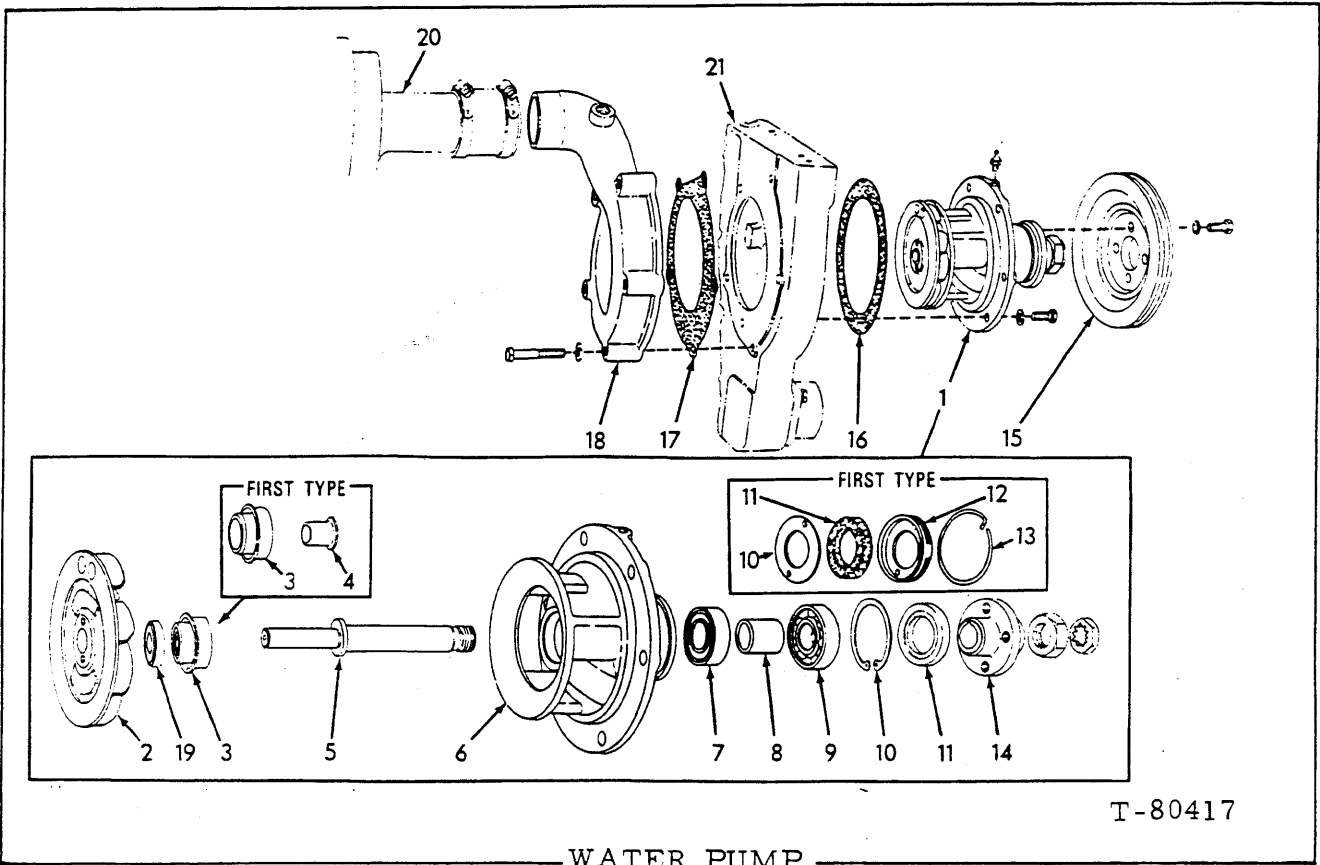
ENGINE AIR HEATER

T-75658

USAGE: Special equipment

ITEM	PART NO.	QTY.	DESCRIPTION
1	74515187	1	ELEMENT (Includes GASKET indented below) (Requires intake manifold 74321799)
	74512343	1	GASKET
2	73055461	1	WIRE ASSY., ground
3	73117176	1	SWITCH
	70916282	2	CAPSCREW, 1/4" NC X 7/8"
	70911114	2	WASHER
	70917730	2	LOCKNUT
4	73057436	1	WIRE ASSY., (Switch to light switch)
5	73073459	1	SWITCH
6	73040013	1	FUSE, 3 amp
7	73058450	1	WIRE ASSY., 148" (Includes fuel holder)
8	73071401	1	WIRE ASSY.
	70932587	1	CLAMP
	70916278	1	CAPSCREW, 5/16" NC X 1/2"
9	73067155	1	NAMEPLATE
10	70925094	12	TIE
11	-----	1	DECAL (See Painting & Marking, page 262) (Not Illustrated)

(Added February, 1988)



T-80417

WATER PUMP

USAGE: * Used prior to engine S/N 11-27556

** Effective with engine S/N 11-27556

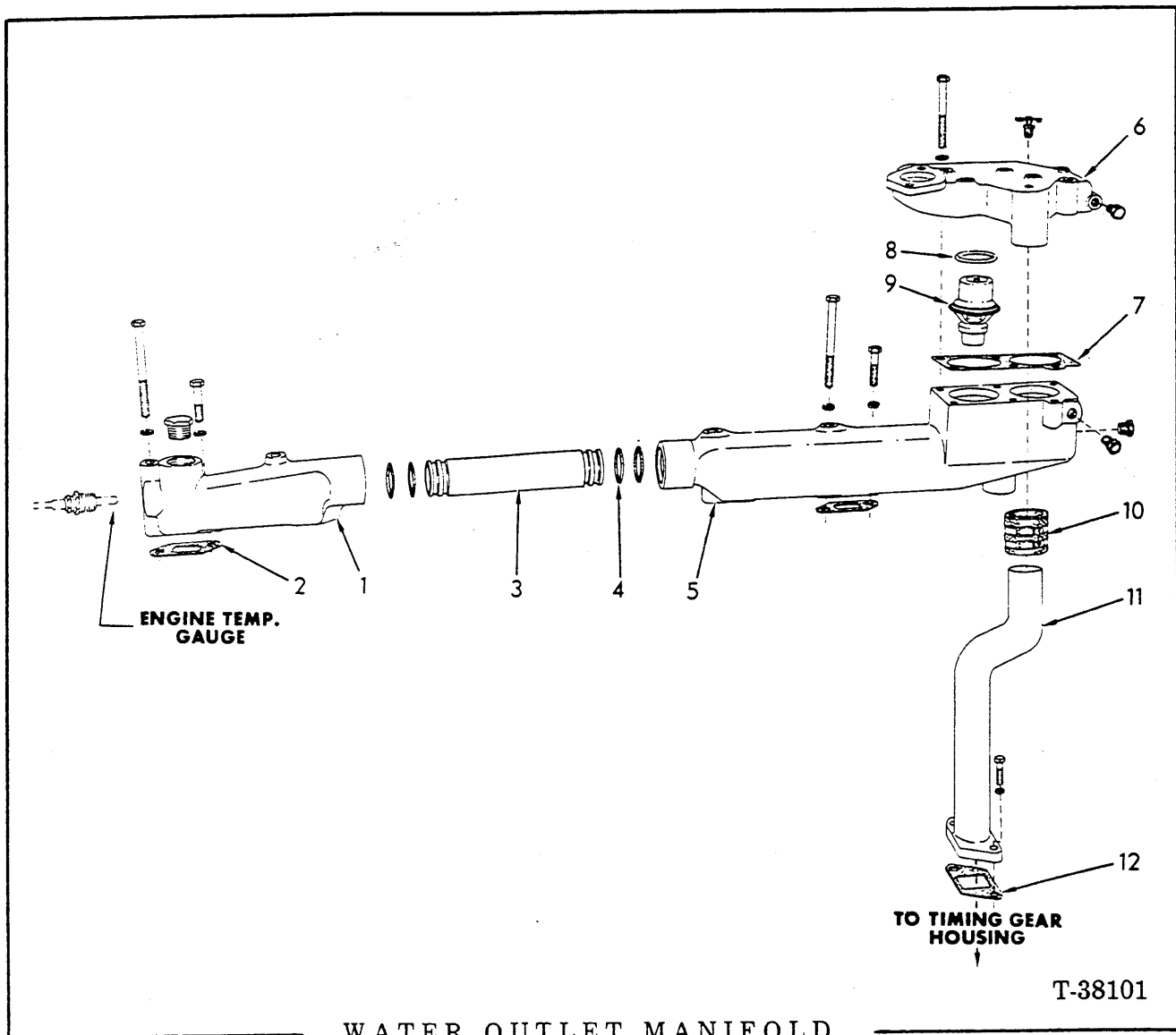
ITEM	PART NO.	QTY.	DESCRIPTION
		* **	
1	74321691	1	- PUMP KIT (Includes items 2 thru 18)
	74322027	- 1	PUMP KIT (Includes items 2 thru 14, 16 and 19)
	74322280	- 1	PUMP KIT (Service replacement) (Includes items 2 thru 14, 16 and 19)
2	-----	1	1 IMPELLER ASSY. Order item 22
3	-----	1	1 SEAL ASSY.
4	74507084	1	- FLINGER
5	74358788	1	1 SHAFT
6	-----	1	1 BODY(order item 1)
7	74044212	1	1 BEARING
8	74044211	1	1 SPACER
9	74044210	1	1 BEARING
10	74044209	1	- WASHER
	70927801	- 1	RING
11	74348825	1	- WASHER
	74321697	- 1	SEAL
12	74335320	1	- RETAINER
13	74053968	1	- LOCKWIRE

(Continued)

(Revised October 1980)

WATER PUMP (Continued)

ITEM	PART NO.	QTY.		DESCRIPTION
		*	**	
14	74359280	1	1	FLANGE
	70910847	1	1	NUT, 3/4" NF
	70917680	1	1	NUT, pal, 3/4" NF
15	74335809	1	1	PULLEY
	70916206	4	4	CAPSCREW, 5/16" NF x 7/8"
	70904205	4	4	LOCKWASHER, 5/16"
16	74346744	1	1	<input type="checkbox"/> GASKET
17	74335056	1	1	<input type="checkbox"/> GASKET
18	-----	1	-	VOLUTE (prior to s/n 11-28447)
	74321713	-	1	VOLUTE (s/n 11-28447 and up)
	70901653	1	1	PLUG, 3/8" NPT
	70916274	5	5	CAPSCREW, 3/8" NC x 2-1/4" (prior to s/n 11-28447)
	70915990	-	5	CAPSCREW, 3/8" NC x 2-3/4" (s/n 11-28447 and up)
	70910287	5	5	LOCKWASHER, 3/8"
x 19	74322303	-	1	SEAL KIT (Includes instruction sheet)
20	-----	1	1	COVER (see page 36)
21	-----	1	1	HOUSING (see page 25)
22	74322283	1	1	KIT (includes item 2, 3 and 19)
23	74062272	-	1	KIT (includes item 2 and 19)



WATER OUTLET MANIFOLD

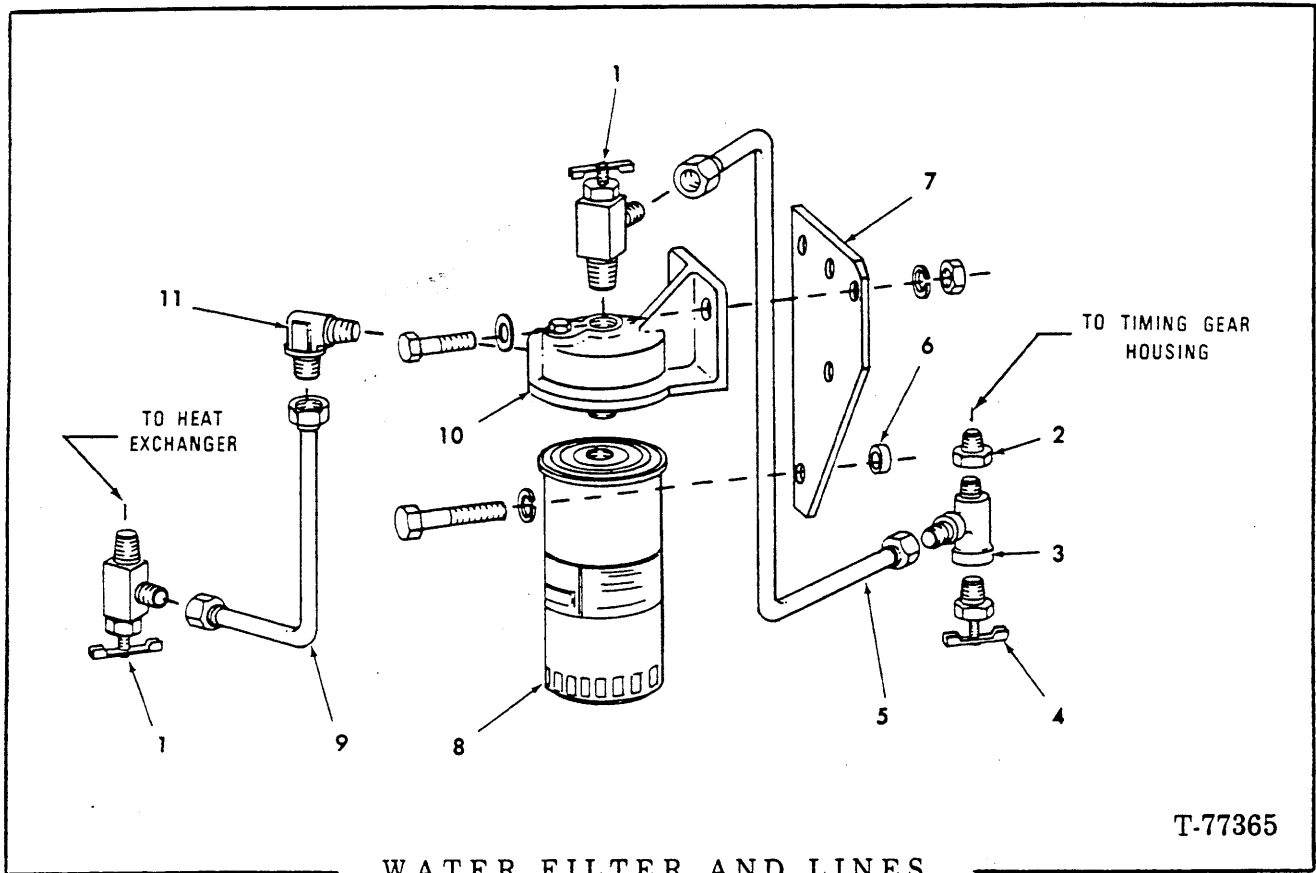
ITEM	PART NO.	QTY.	DESCRIPTION
1	74336506	1	MANIFOLD
	70920525	1	PLUG, pipe, hex-hd., 3/4" NPT (not original equipment)
	70914847	2	CAPSCREW, 3/8" NC x 1-1/2"
	70916275	2	CAPSCREW, 3/8" NC x 3-3/4"
	70910287	4	LOCKWASHER, 3/8"
2	74336182	4	<input type="checkbox"/> GASKET
3	74336156	1	TUBE
4	70923813	4	<input type="checkbox"/> O-RING
5	74359948	1	MANIFOLD
	70914847	2	CAPSCREW, 3/8" NC x 1-1/2"
	70916275	2	CAPSCREW, 3/8" NC x 3-3/4"
	70910287	4	LOCKWASHER, 3/8"
	70919840	1	PLUG, 1/4" NPT

(Continued)

WATER OUTLET MANIFOLD (Continued)

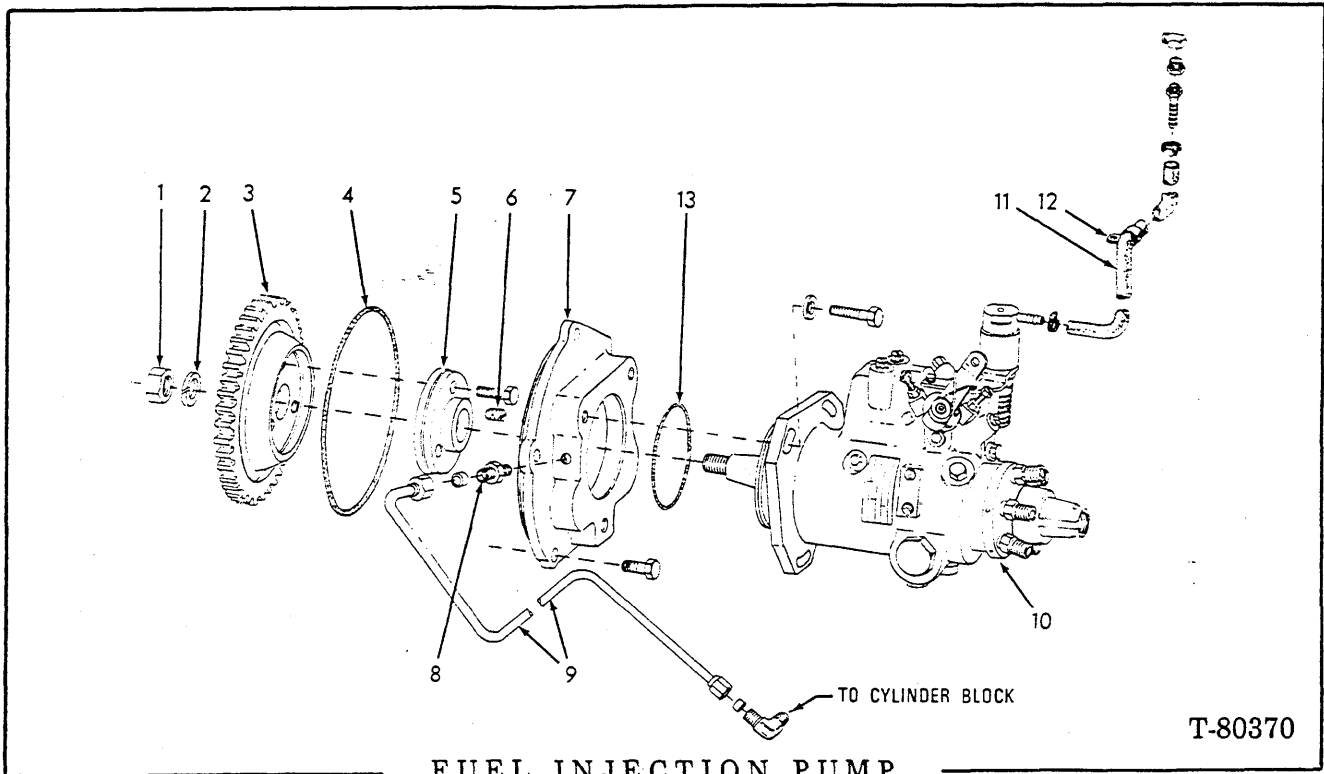
ITEM	PART NO.	QTY.	DESCRIPTION
6	74358754	1	HOUSING ASSY. (includes item 8)
	70919840	1	PLUG, 1/4" NPT
	70912415	1	COCK, drain, 1/4" pipe
	70919227	6	CAPSCREW, 3/8" NC x 3-1/4"
	70910287	6	LOCKWASHER, 3/8"
7	74336263	1	<input type="checkbox"/> GASKET
8	74317554	2	SEAL
9	74354537	2	THERMOSTAT
10	74337602	1	HOSE
	70922198	2	CLAMP
11	74359947	1	PIPE
	70919224	2	CAPSCREW, 3/8" NC x 1-1/8"
	70910287	2	LOCKWASHER, 3/8"
12	74347031	1	GASKET

Also see page 9.



WATER FILTER AND LINES

ITEM	PART NO.	QTY.	DESCRIPTION
1	70928947	2	VALVE
2	70901826	1	BUSHING, 3/8" x 1/4"
3	70925227	1	TEE, 3/8" tube, 1/4" pipe thd.
4	70918849	1	COCK, drain, 1/4" pipe thd.
5	74321247	1	TUBE
	70917807	2	SLEEVE, 3/8" tube
	70917810	2	NUT, 3/8" tube
6	74016014	3	SPACER
7	74320927	1	BRACKET
	70920275	3	CAPSCREW, 3/8" NC x 2-3/4"
	70910287	3	LOCKWASHER, 3/8"
8	74393504	1	FILTER
9	74320929	1	TUBE
	70917807	2	SLEEVE, 3/8" tube
	70917810	2	NUT, 3/8" tube
10	74393427	1	BASE ASSY. (includes 1 PLUG indented below)
	70916197	2	CAPSCREW, 7/16" NC x 1-1/4"
	70910919	2	WASHER, 7/16"
	70914678	2	LOCKWASHER, 7/16"
	70912201	2	NUT, 7/16" NC
	70919134	1	PLUG, automotive, 1/8" NPT
11	70919005	1	ELBOW, 3/8" tube, 3/8" NPT



FUEL INJECTION PUMP

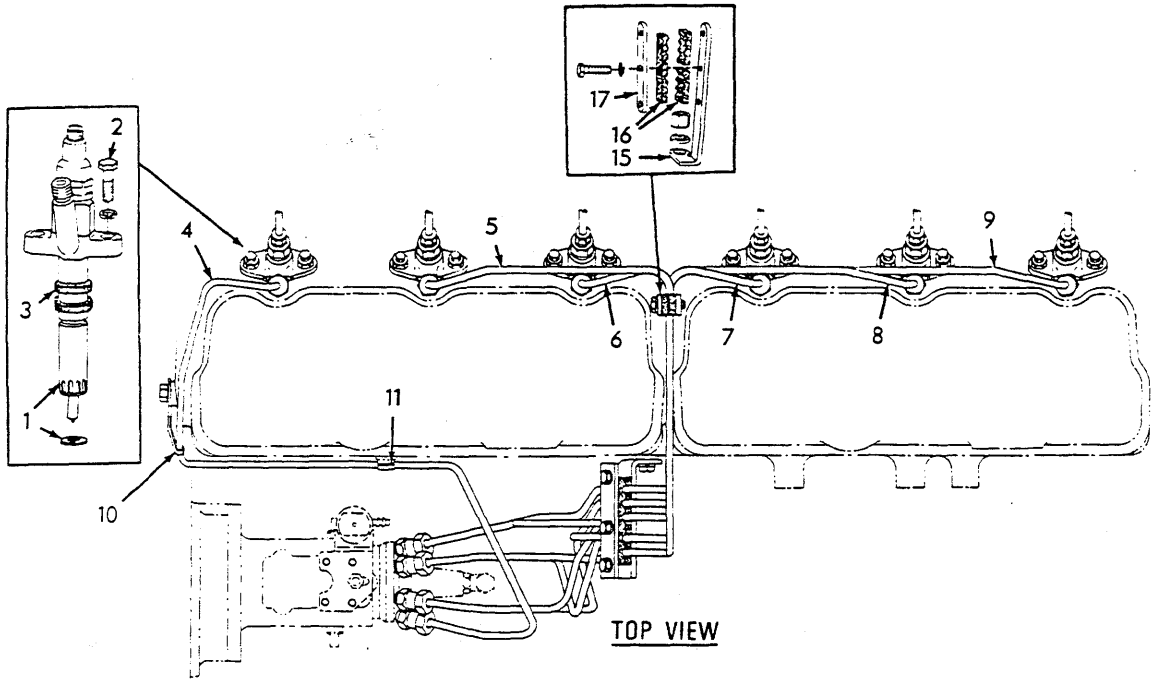
T-80370

NOTE: Refer to FUEL INJECTION PUMP Parts Catalog for item 10 service Parts.

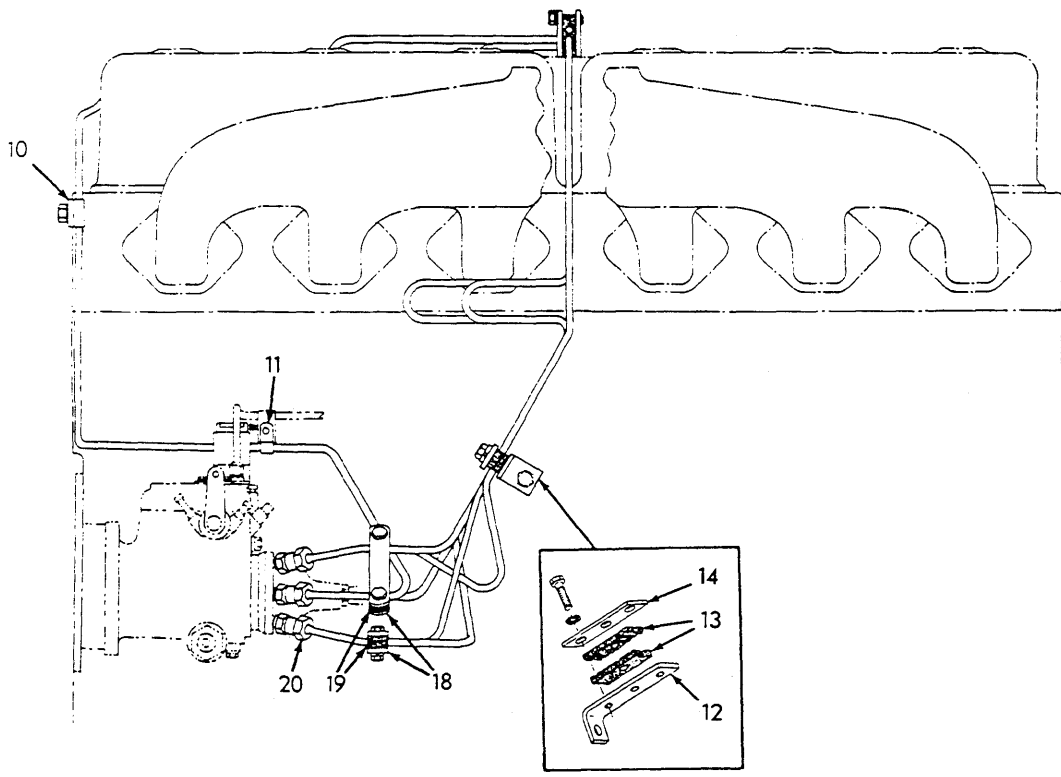
ITEM	PART NO.	QTY.	DESCRIPTION
1	70910345	1	NUT, jam, 5/8" NF
2	74061132	1	LOCKWASHER
3	74359345	1	GEAR
4	70924139	1	<input type="checkbox"/> O-RING
5	-----	1	ADAPTER, gear mounting (not serviced separately)
	74255060	3	CAPSCREW, 3/8" NC x 1"
6	70922747	1	SETSCREW, nylok, 3/8" NC x 1/2"
7	74321279	1	COVER
	70920473	4	CAPSCREW, nylok, 3/8" NC x 3/4"
8	74321715	1	RESTRICTOR
9	74321328	1	TUBE ASSY. (includes NUTS and SLEEVES indented below)
	70917809	2	NUT, 1/4" tube
	70917806	2	SLEEVE, 1/4"
	70919040	1	ELBOW, male, 1/4" tube, 1/8" NPT
10	74322021	1	PUMP ASSY. (includes item 6 and 13)
	70922843	3	CAPSCREW, 5/16" NC x 1-1/4"
	70929292	3	WASHER, 5/16"
11	74321925	1	HOSE (aneroid to crossover tube)
	70918374	1	ELBOW, street, 1/4" pipe
	70901834	1	BUSHING, 1/4" x 1/8"
	70928454	1	FITTING, barb, 3/16" hose, 1/8" pipe
	70921910	2	CLAMP, worm
12	70927384	1	CLAMP (use existing hardware at crossover tube)
13	74062183	1	O-RING

See page 9

(Revised October 1980)



TOP VIEW



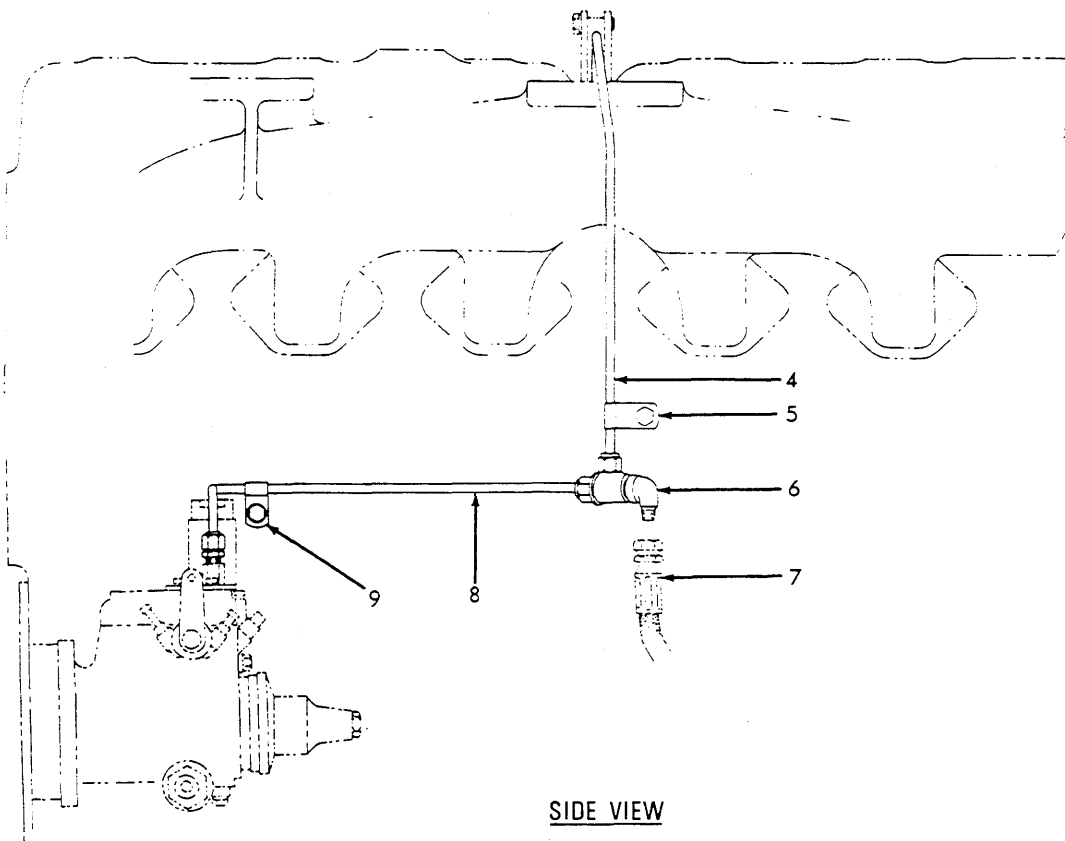
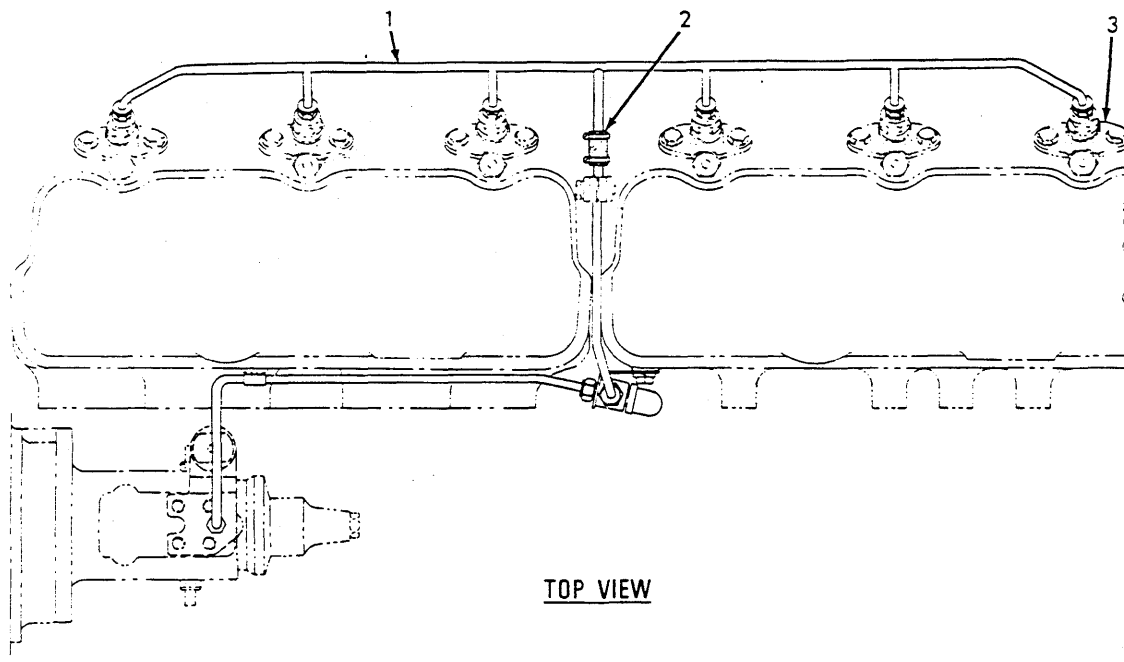
SIDE VIEW

INJECTION NOZZLES AND LINES

T-80371

INJECTION NOZZLES AND LINES

ITEM	PART NO.	QTY.	DESCRIPTION
1	-----	6	HOLDER ASSY. (see page 49)
2	70914847	12	CAPSCREW, 3/8" NC x 1-1/2"
	70910287	12	LOCKWASHER, 3/8"
3	74025385	12	SHIELD, dirt
4	74321221	1	TUBE (No. 1 cylinder)
5	74321222	1	TUBE (No. 2 cylinder)
6	74321223	1	TUBE (No. 3 cylinder)
7	74321224	1	TUBE (No. 4 cylinder)
8	74321225	1	TUBE (No. 5 cylinder)
9	74321226	1	TUBE (No. 6 cylinder)
10	74256009	1	CLIP (No. 1 cylinder)
	70916284	1	CAPSCREW, 1/4" NC x 1/2"
	70904204	1	LOCKWASHER, 1/4"
	70910880	1	NUT, 1/4" NC
11	70933385	1	CLAMP (No. 1 cylinder) (see page 46 for adjoining clamp)
12	74339712	1	BRACKET
13	74336532	2	SPACER
14	74336531	1	PLATE
	70914670	3	CAPSCREW, 5/16" NC x 1-1/8"
	70904205	3	LOCKWASHER, 5/16"
	70910323	2	NUT, 5/16" NC
15	74321702	1	BRACKET
	70910195	1	NUT, 1/2" NF
	70912441	1	LOCKWASHER, 1/2"
16	74507359	4	SPACER
17	74336250	1	CLAMP
	70914670	3	CAPSCREW, 5/16" NC x 1-1/8"
	70904205	3	LOCKWASHER, 5/16"
18	74020725	4	PLATE
	70918237	4	CAPSCREW, 1/4" NC x 1-1/4"
	70904204	4	LOCKWASHER, 1/4"
	70910880	4	NUT, 1/4" NC
19	74020724	4	SPACER
20	74504409	6	NUT
	74501149	6	SLEEVE

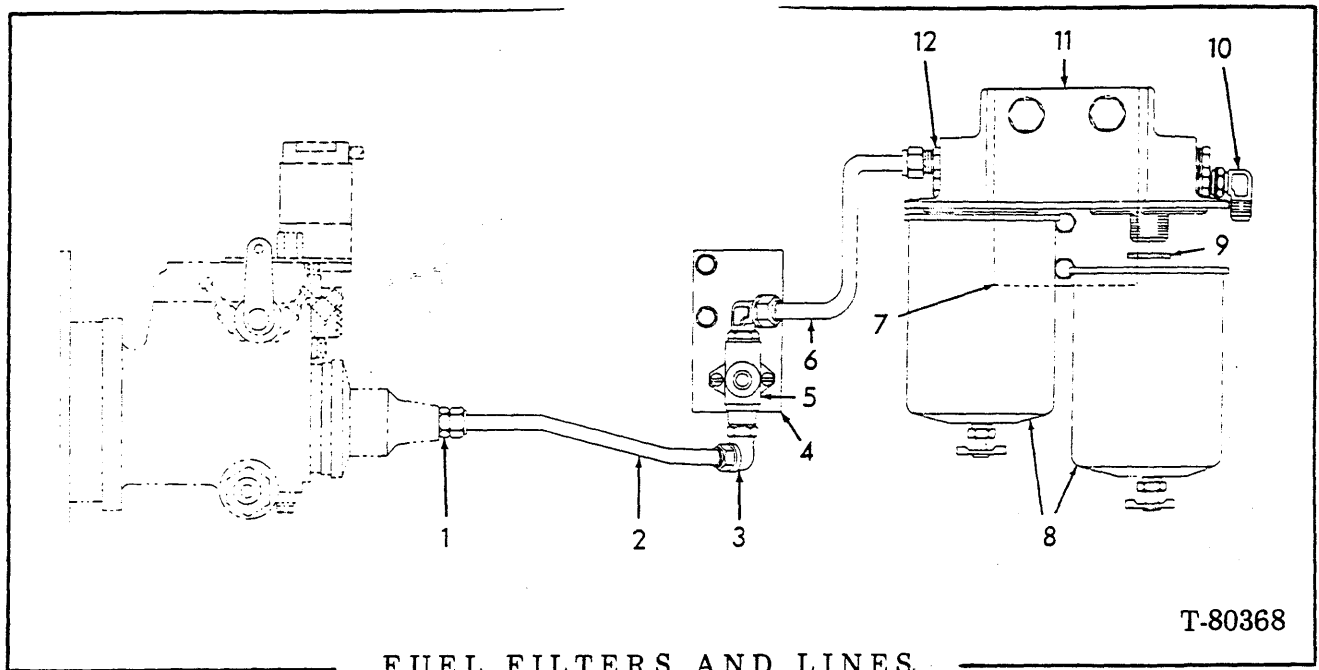


T-80369

FUEL INJECTION RETURN LINES

FUEL INJECTION RETURN LINES

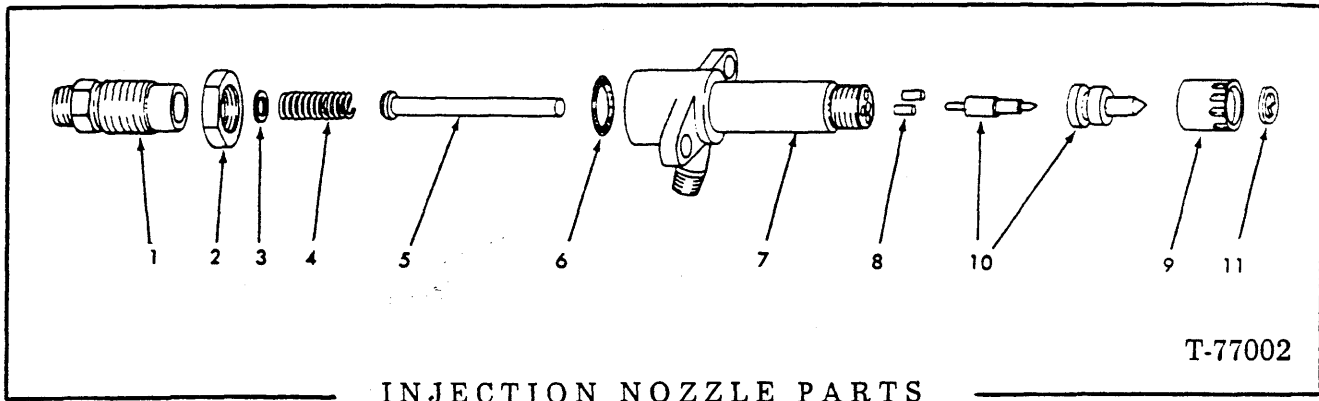
ITEM	PART NO.	QTY.	DESCRIPTION
1	74320638	1	MANIFOLD
	70917809	6	NUT, 1/4"
	70917806	6	SLEEVE, 1/4"
2	74514780	1	HOSE
	70927450	2	CLAMP, 7/16" to 1/2"
3	-----	6	NOZZLE (see page 49)
4	74320636	1	TUBE
	70917809	1	NUT, 1/4"
	70917806	1	SLEEVE, 1/4"
	70920411	1	TEE, 1/4" tube, 1/8" pipe
5	74339949	1	CLAMP
	70916277	1	CAPSCREW, 5/16" NC x 5/8"
	70904205	1	LOCKWASHER, 5/16"
6	70923539	1	ELBOW, 5/16" tube, 1/8" pipe
	70918804	1	NUT, 5/16" tube, 9/16" pipe
	70918802	1	SLEEVE, 5/16" tube
7	-----	1	HOSE (see page 68)
8	74321227	1	TUBE
	70917809	2	NUT, 1/4"
	70917806	2	SLEEVE, 1/4"
	70919800	1	CONNECTOR, 1/4" tube, 1/4" NPT
9	74253435	1	CLAMP
	70916277	1	CAPSCREW, 5/16" NC x 5/8"
	70904205	1	LOCKWASHER, 5/16"



FUEL FILTERS AND LINES

T-80368

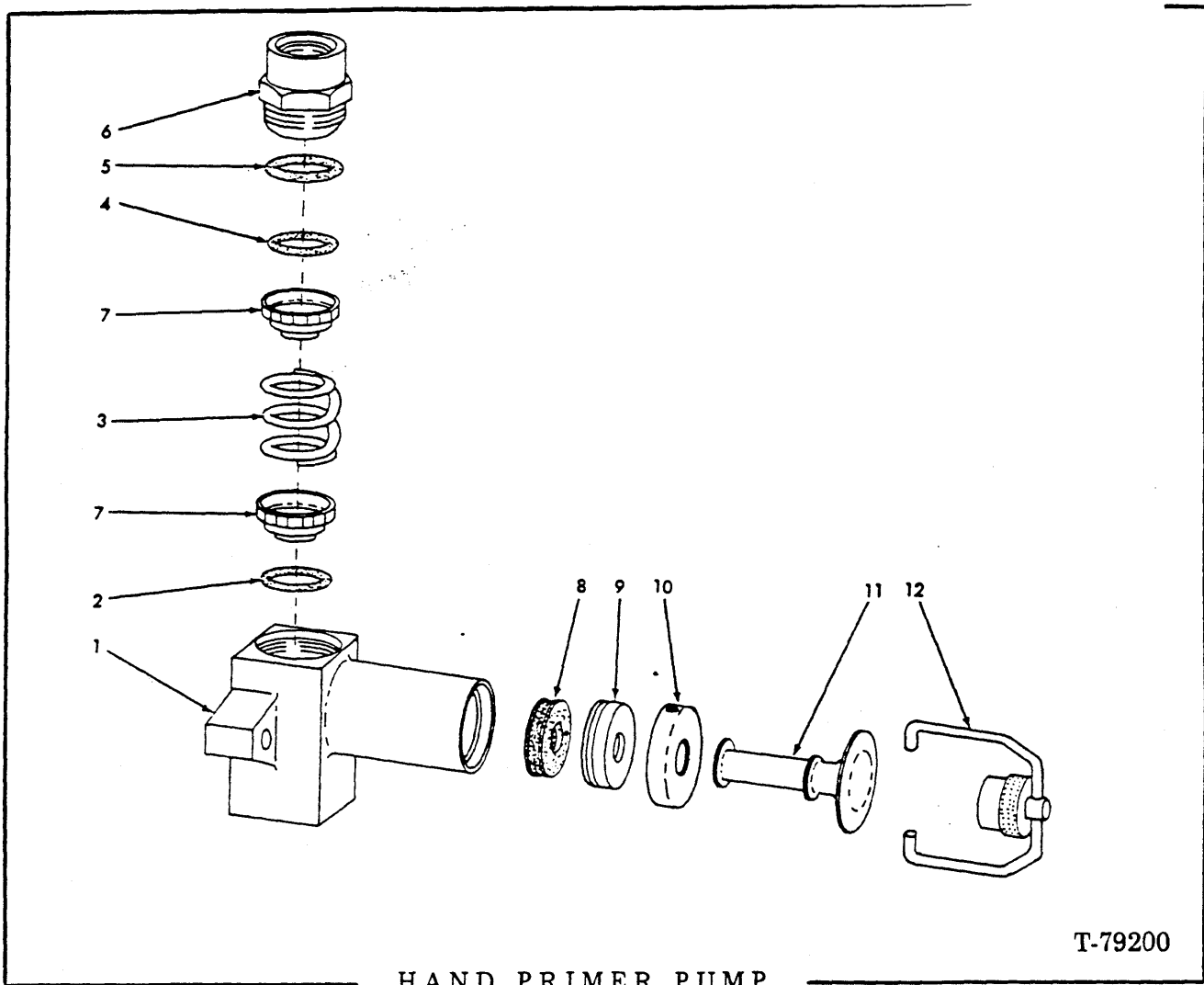
ITEM	PART NO.	QTY.	DESCRIPTION
1	74023556	1	CONNECTOR (includes O-RING)
	70921884	1	O-RING
2	74321797	1	TUBE ASSY. (includes NUTS and SLEEVES indented below)
	70917807	2	SLEEVE, 3/8" tube
	70917810	2	NUT, 3/8" tube
3	74023720	2	ELBOW (includes O-RING indented below)
	70921884	2	O-RING
4	74321190	1	BRACKET
	70914392	2	CAPSCREW, 5/16" NC x 1"
	70904205	2	LOCKWASHER, 5/16"
	70929100	1	WASHER, plain, 5/16"
5	-----	1	PUMP ASSY. (see page 50)
	70902174	2	SCREW, machine, No. 10 NF x 7/8"
	70904203	2	LOCKWASHER, No. 10
6	74321796	1	TUBE
	70917807	2	SLEEVE, 3/8" tube
	70917810	2	NUT, 3/8" tube
7	74359666	1	BRACKET
	70914670	2	CAPSCREW, 5/16" NC x 1-1/4"
	70904205	2	LOCKWASHER, 5/16"
8	74321716	2	FUEL FILTER/WATER SEPARATOR (Includes item 9)
	70915514	2	COCK, drain, 1/8" pipe
9	-----	2	GASKET (not serviced)
10	70925295	1	ELBOW, male, 3/8" tube, 9/16" str. thd. (includes O-RING)
	70921885	1	O-RING
11	74393077	1	HEADER ASSY. (includes 2 insert)
	70918683	2	CAPSCREW, 1/2" NC x 1-1/4"
	70912441	2	LOCKWASHER, 1/2"
	70912333	2	WASHER, plain, 1/2"
	70922577	2	PLUG, 3/8" tube, 9/16" str. thd. (includes O-RING)
	70921885	2	O-RING
12	74359776	1	CONNECTOR (includes O-RING)
	70921885	1	O-RING



NOTE: Quantity indicated is for one HOLDER ASSY.

ITEM	PART NO.	QTY.	DESCRIPTION
-	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	70930506	1	O-RING
7	-----	1	BODY (order HOLDER ASSY.)
8	74025149	2	PIN
9	74380662	1	NUT
10	74359395	1	NOZZLE ASSY. (includes item 11)(not a component of HOLDER ASSY.)
11	74378031	1	<input type="checkbox"/> GASKET
12	74035910	1	FILTER, felt (installs in bore of item 1) (not illustrated and not included with HOLDER ASSY.)

Also see page 9.

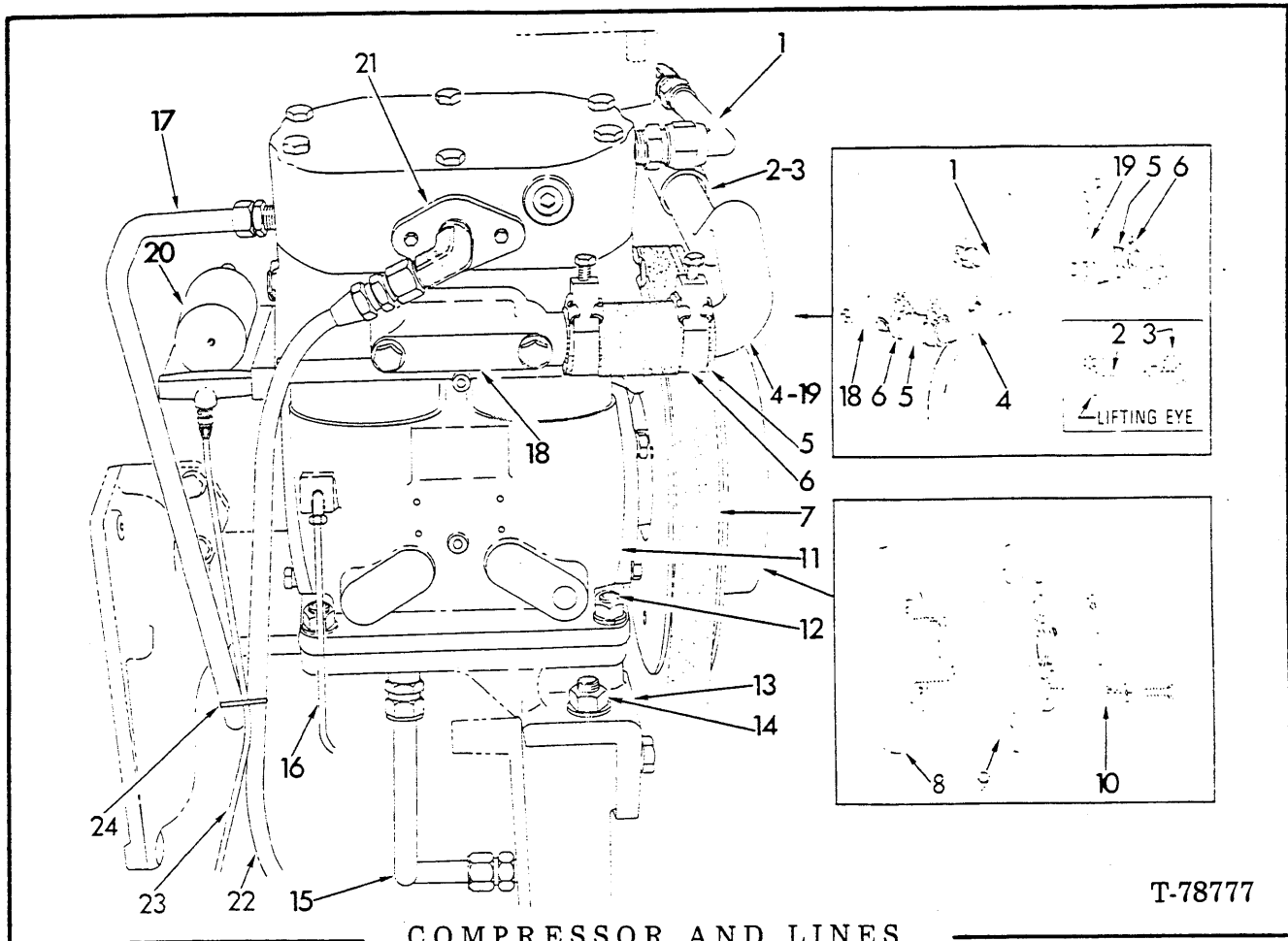


HAND PRIMER PUMP

T-79200

USAGE: See page 48.

ITEM	PART NO.	QTY.	DESCRIPTION
-	74024229	1	PUMP ASSY. (includes items 1 thru 12)
1	-----	1	BODY (order PUMP ASSY.)
2	74060695	1	O-RING
3	74050638	1	SPRING
4	74048649	1	SEAL
5	74050645	1	RING
6	74060956	1	NUT
7	74050637	2	VALVE
8	74053035	1	SEAL
9	74053037	1	GUIDE
10	74059620	1	CAP
11	74053036	1	PLUNGER
12	74050646	1	CLAMP ASSY. (includes screw and wire)



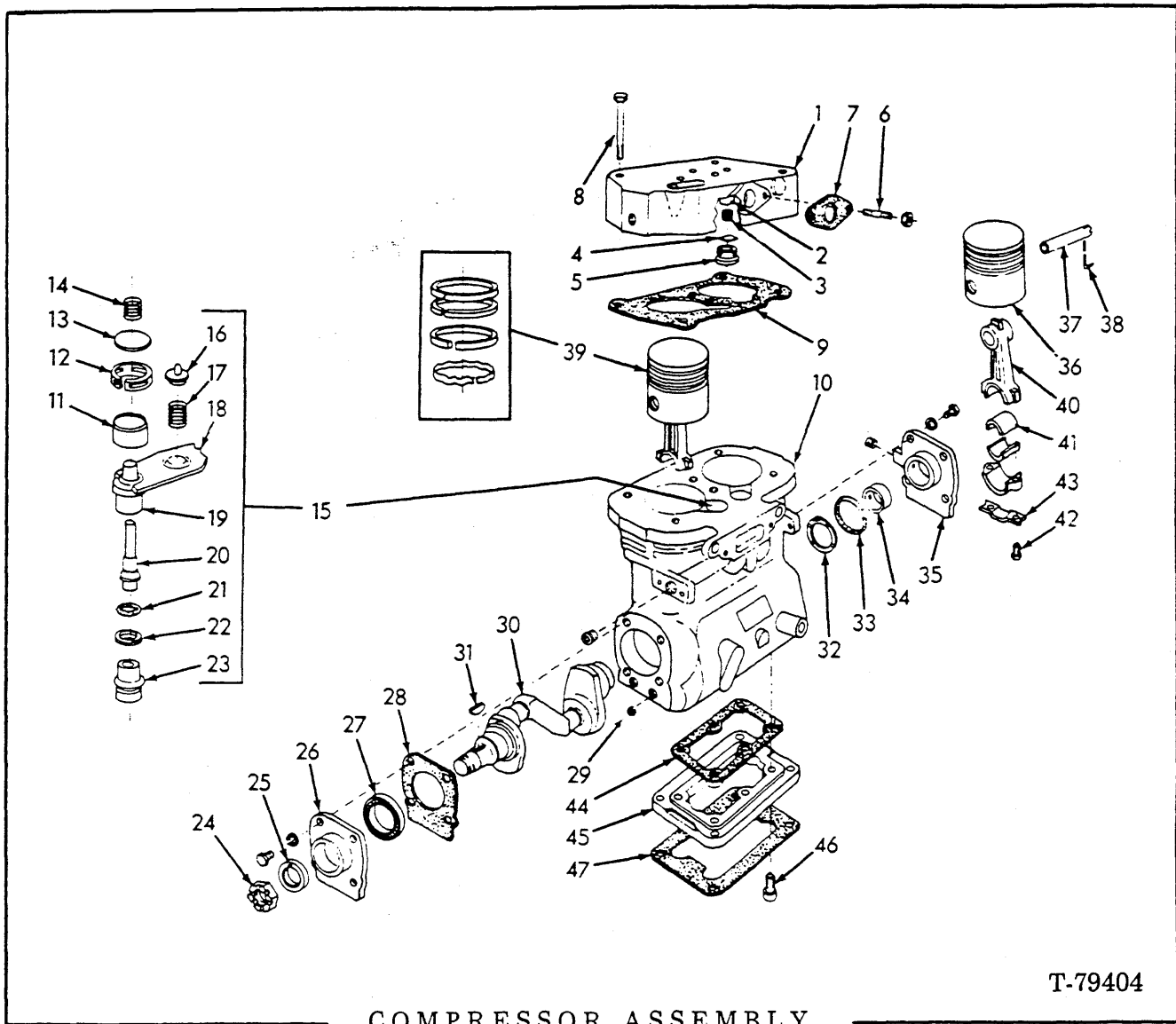
ITEM	PART NO.	QTY.	DESCRIPTION
1	74321137	1	TUBE, water outlet
	70921339	1	CONNECTOR
	70920399	1	ELBOW
	70917808	2	SLEEVE
	70917811	2	NUT
2	74320617	1	BRACKET
	70915408	1	CAPSCREW, 3/8" NC x 3/4"
	70910287	1	LOCKWASHER, 3/8"
	70910324	1	NUT, 3/8" NC
3	70928740	1	CLAMP
	70915809	1	CAPSCREW, 5/16" NC x 3/4"
	70904205	1	LOCKWASHER, 5/16"
	70910323	1	NUT, 5/16" NC
4	74321135	1	TUBE, air inlet
5	74356232	2	HOSE
6	70922660	4	CLAMP, 1-7/16"
7	74339458	1	BELT
8	74394939	1	PULLEY
9	74347681	1	PULLEY
	70900807	1	PIN, cotter, 1/8" x 1-1/4"

(Continued)

(Revised October 1980)

COMPRESSOR AND LINES (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
10	74346724	1	PLATE
	70910948	2	CAPSCREW, 3/8" NC x 2"
	70910287	2	LOCKWASHER, 3/8"
11	-----	1	COMPRESSOR ASSY. (see page 53)
12	74347855	4	STUD (used prior to engine s/n 11-28505)
	70914678	4	LOCKWASHER, 7/16"
	70910986	4	NUT, 7/16" NF
	70920649	4	CAPSCREW, 7/16" NC x 1-3/8" (effective with engine s/n 11-28505)
13	74347714	1	BRACKET
	70919230	2	CAPSCREW, 1/2" NC x 1-3/8"
	70904208	2	LOCKWASHER, 1/2"
14	74347722	2	STUD
	70912441	2	LOCKWASHER, 1/2"
	70919423	2	NUT, 1/2" NC
15	74320924	1	TUBE, oil drain
	70920398	1	CONNECTOR
	70921339	1	CONNECTOR
	70917811	2	NUT
	70917808	2	SLEEVE
16	74321138	1	TUBE ASSY., oil feed
	70919183	2	ELBOW, 5/16" tube, 1/8" pipe
	70918802	2	SLEEVE, 5/16" tube
17	74321136	1	TUBE, water inlet
	70920399	1	ELBOW, 1/2" tube, 3/8" pipe thd.
	70921339	1	CONNECTOR, 1/2" tube, 1/2" pipe thd.
	70917808	2	SLEEVE, 1/2" tube
	70917811	2	NUT, 1/2" tube
18	74338174	1	ADAPTER
	70916280	2	CAPSCREW, 5/16" NC x 2"
	70917330	2	WASHER, plain, 5/16" (copper)
19	74347921	1	ADAPTER
20	-----	1	GOVERNOR (see page 55)
21	73029930	1	ADAPTER
	74040302	1	GASKET
	70921566	2	CAPSCREW, 5/16" NC x 1"
22	-----	1	HOSE ASSY. (See page 131 for hose and fittings)
23	-----	1	TUBE ASSY. (See page 131 for tube and fittings)
24	70925094	2	CLIP



USAGE: See page 51.

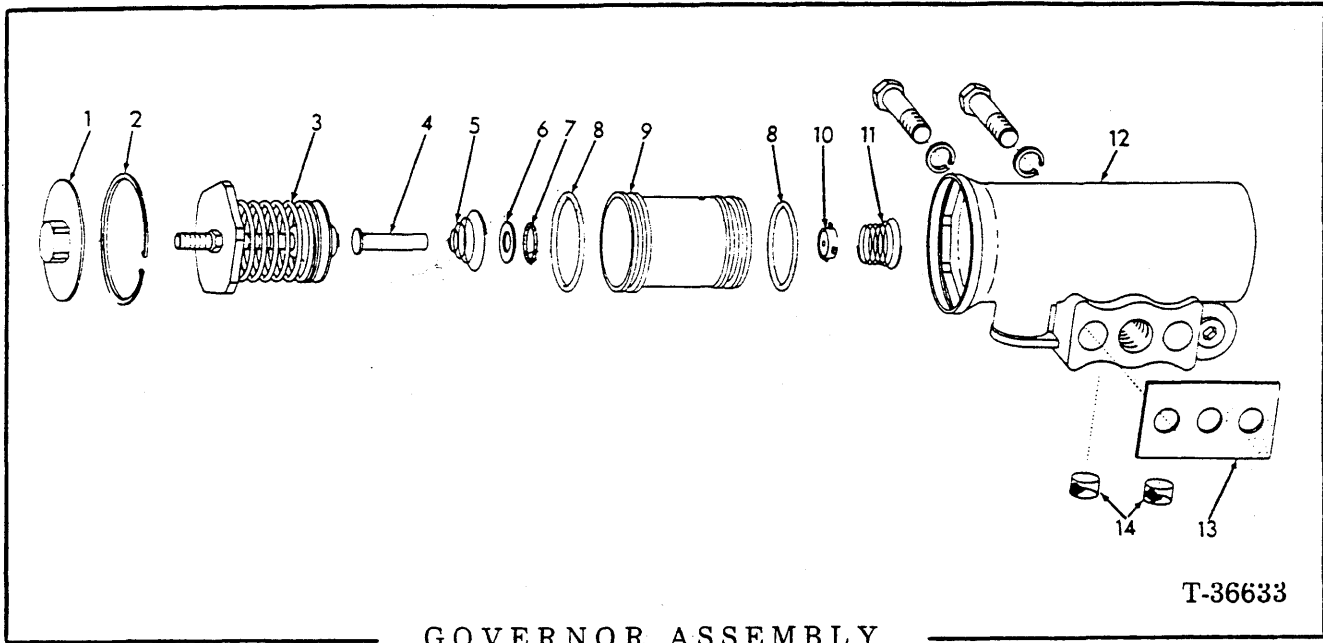
ITEM	PART NO.	QTY.	DESCRIPTION
-	74321169	1	COMPRESSOR ASSY. (Includes items 1 thru 5 and 8 thru 47) (Does not include GOVERNOR ASSY., page 55)
1	74061630	1	HEAD ASSY. (includes inlet valve spring SEAT INSERT and item 2)
	70917970	2	PLUG, pipe, 1/2" NPT
	74054434	2	SEAT, inlet valve spring (Not illustrated)
	74054435	2	INSERT, inlet valve spring (Not illustrated)
2	74061631	2	STOP
3	74040303	2	SPRING
4	74040315	2	VALVE
5	74050467	2	SEAT
6	74040325	2	STUD
	70920263	2	NUT, 5/16" NF

(Continued)

COMPRESSOR ASSEMBLY (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
7	74040302	1	GASKET
8	74061617	6	CAPSCREW
9	74061616	1	GASKET
10	74061618	1	CRANKSHAFT ASSY. (includes item 11)
	70917673	1	PLUG, pipe, 1/8" NPT
11	74040330	2	SEAT
12	74052124	2	GUIDE
13	74040335	2	VALVE
14	74040336	2	SPRING
15	74058899	1	VALVE KIT (Includes items 16 thru 23)
16	-----	1	SEAT
17	-----	1	SPRING
18	-----	1	SADDLE
19	-----	2	GUIDE
20	-----	2	PLUNGER
21	-----	2	O- RING
22	-----	2	RING
23	-----	2	PISTON
24	70920403	1	NUT, jam, 3/4" NF
25	74058886	1	SEAL
26	74061624	1	COVER
	70916222	4	CAPSCREW, 7/16" NC x 7/8"
	70914678	4	LOCKWASHER, 7/16" NC
27	74253864	1	BEARING
28	74061623	1	GASKET
29	74061625	4	RING
30	74061619	1	CRANKSHAFT
31	70910545	1	KEY
32	74061620	1	WASHER
33	74061634	1	O-RING
34	74061622	1	BUSHING
35	74061621	1	COVER ASSY. (includes item 34)
	70917673	1	PLUG, pipe, 1/8" NPT
	70916253	4	CAPSCREW, 7/16" NC x 3/4"
	70914678	4	LOCKWASHER, 7/16"
36	74061626	2	PISTON ASSY. (Includes item 37)
37	-----	2	PIN (Not serviced)(Order item 36)
38	74040340	2	WIRE
39	74061632	1	RING SET (Includes rings for 2 pistons)
40	74061628	2	ROD ASSY. (Includes items 42 and 43, and wrist pin bushing)
41	74061633	2	BEARING (Each includes 2 halves)
42	74053356	4	BOLT
43	74061629	2	LOCK
44	74061613	1	GASKET
45	74061614	1	ADAPTER
46	74061615	6	CAPSCREW
47	74040305	1	GASKET

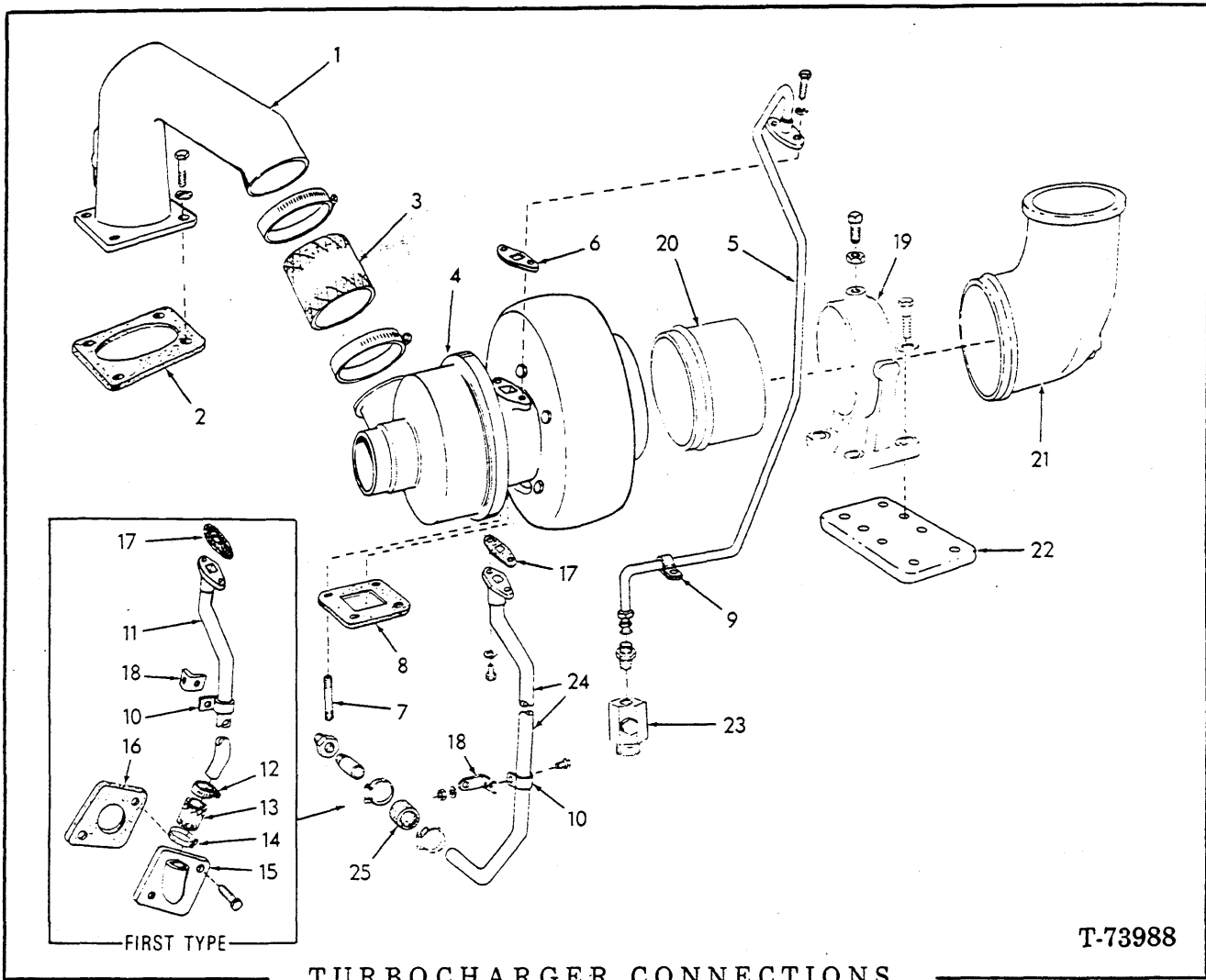
Not serviced. Order item 15.



GOVERNOR ASSEMBLY

USAGE: See page 51.

ITEM	PART NO.	QTY.	DESCRIPTION
-	74056278	1	GOVERNOR ASSY. (includes items 1 thru 12 and 14)
	74055341	2	CAPSCREW
	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.
	70917673	4	PLUG, ctsk, hd., 1/8" NPT
13	74040345	1	GASKET
14	74055282	2	FILTER



TURBOCHARGER CONNECTIONS

T-73988

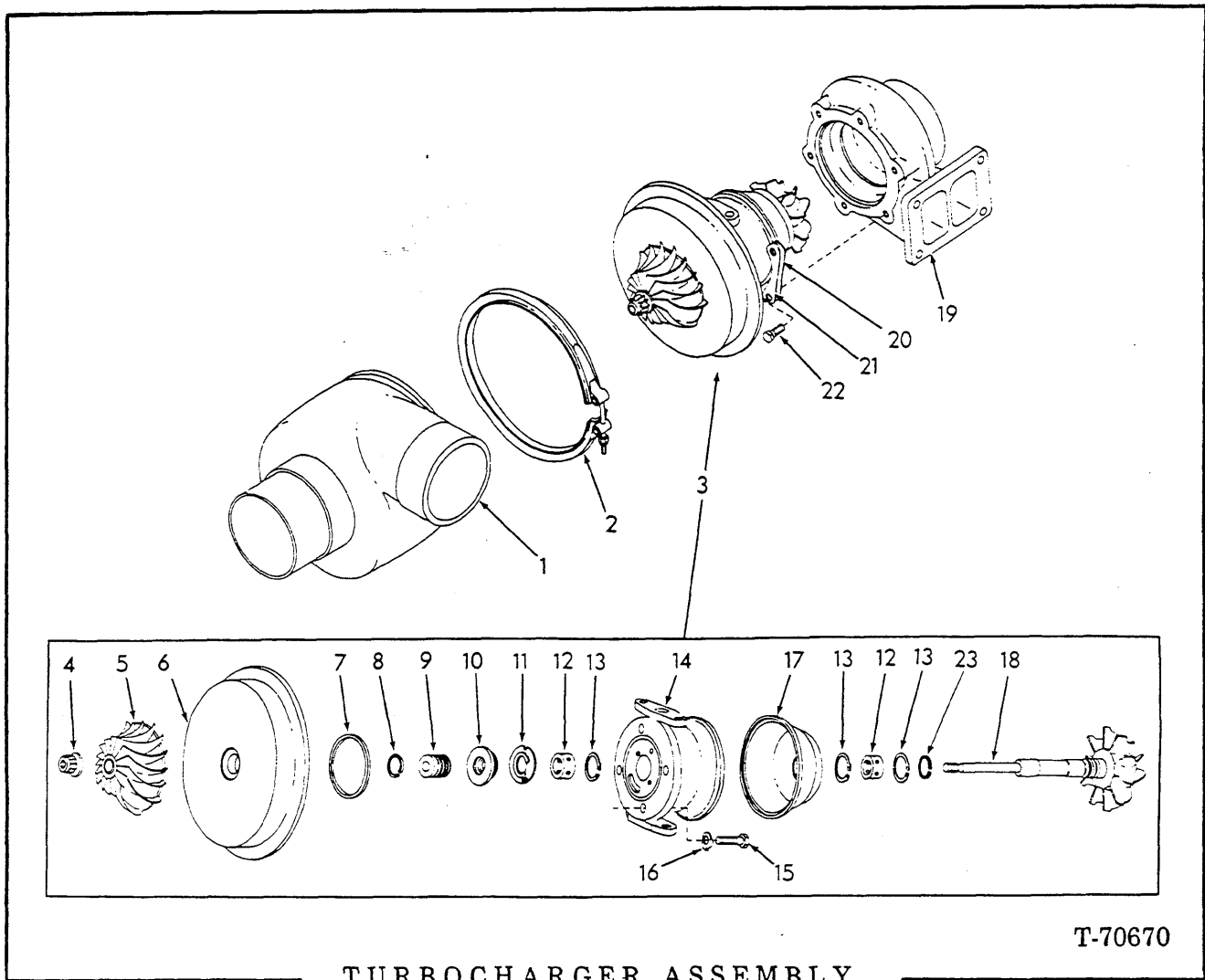
ITEM	PART NO.	QTY.	DESCRIPTION
1	74321252	1	ELBOW
	70919230	3	CAPSCREW, 1/2" NC x 1-3/8"
	70912441	4	LOCKWASHER, 1/2"
	70919048	1	CAPSCREW, 1/2" NC x 1-5/8"
	70912333	1	WASHER, plain, 17/32"
2	74349193	1	GASKET
3	74388349	1	HOSE
	70929416	2	CLAMP
4	.....	1	TURBOCHARGER ASSY. (see page 58)
5	74354310	1	TUBE ASSY. (includes SLEEVE and NUT indented below)
	70917807	1	SLEEVE, 3/8" tube
	70917810	1	NUT, 3/8" tube
	70920700	1	CONNECTOR, 3/8" tube, 3/8" NPT male
	70916269	2	CAPSCREW, 3/8" NC x 7/8"
	70910287	2	LOCKWASHER, 3/8"
6	74339533	1	GASKET

(Continued)

(Revised October 1980)

TURBOCHARGER CONNECTIONS (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION	
7	74339535	4	STUD	
	74255977	4	NUT	
	70913544	4	WASHER, plain, 3/8"	
8	74393466	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 ASSY.	} Engines prior to S/N 85-01693
	70916269	2	CAPSCREW, 3/8" NC x 7/8"	
	70910287	2	LOCKWASHER, 3/8"	
12	70925757	1	CLAMP	
13	74358728	1	HOSE	
14	70925757	1	CLAMP	
15	74321253	1	FLANGE	
	70916311	2	CAPSCREW, 1/2" NC x 1-1/4"	
	70912441	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, 15/32"	
	70914678	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	74357336	1	PLATE	
	74386037	4	CAPSCREW	
	70910287	4	LOCKWASHER, 3/8"	
	74339606	1	ADAPTER	
23	70919840	2	PLUG, pipe, hex-hd.	
	74321878	1	TUBE	
24	70919269	2	CAPSCREW, 3/8" NC x 7/8"	} Engine S/N 85-01693 and up
	70910287	2	LOCKWASHER, 3/8"	
	74390773	1	HOSE	
25	70921911	2	CLAMP	
	70919822	1	NIPPLE, 1/2" NPT x 2-1/4"	
	70901828	1	BUSHING, pipe reducing, 3/4" to 1/2" NPT	



TURBOCHARGER ASSEMBLY

T-70670

USAGE: See page 56.

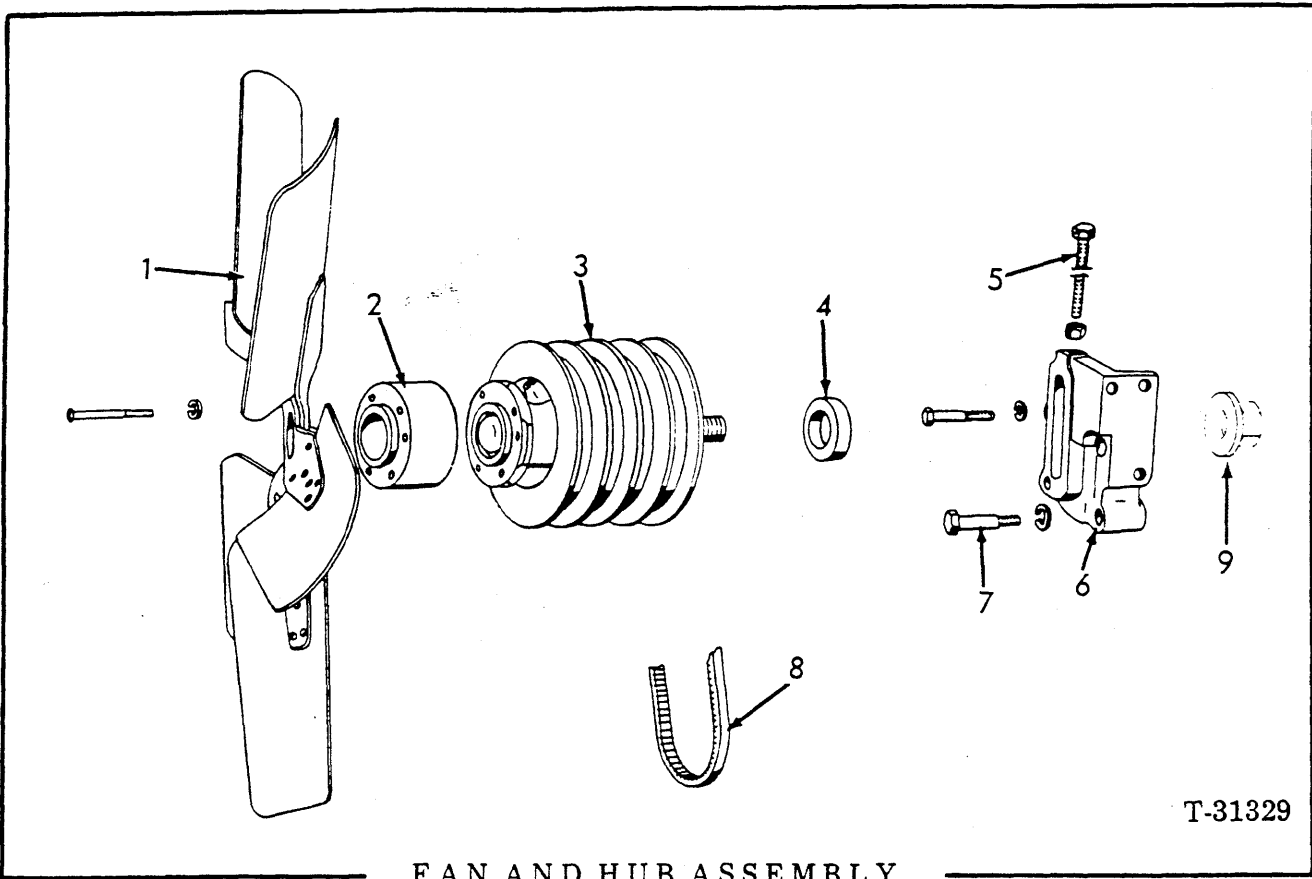
ITEM	PART NO.	QTY.	DESCRIPTION
-	74320972	1	TURBOCHARGER ASSY. (includes items 1 thru 23)
1	74056303	1	HOUSING ASSY. (includes impeller shroud and locating pin)
2	74056302	1	COUPLING
3	74061560	1	HOUSING ASSY. (consists of items 4 thru 18)
4	74056291	1	LOCKNUT
5	74056290	1	IMPELLER
6	74059030	1	BACKPLATE 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	74061213	2	BEARING
	74061214	2	WASHER

(Continued)

(Revised November 1979)

TURBOCHARGER ASSEMBLY (Continued)

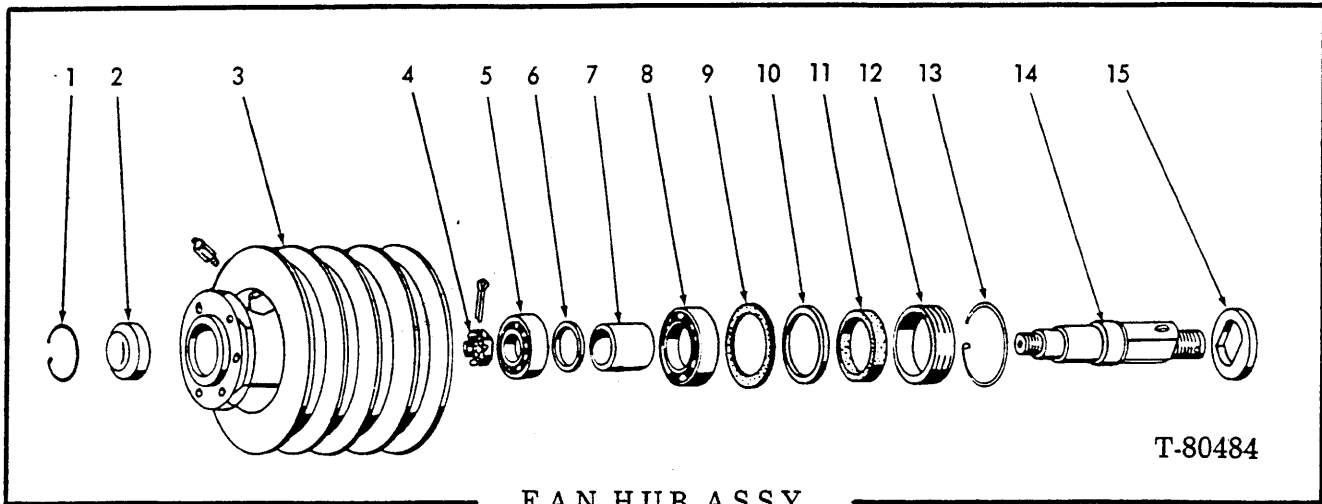
ITEM	PART NO.	QTY.	DESCRIPTION
13	74056296	3	RING
14	74056286	1	HOUSING ASSY.
15	70928202	4	BOLT, 1/4" NC x 5/8"
16	74059992	4	LOCKPLATE
17	74060371	1	SHROUD
18	74061093	1	WHEEL
19	74059051	1	HOUSING
20	74056306	1	PLATE
21	74056305	3	LOCKPLATE
22	74056314	6	BOLT
23	74060057	1	RING



FAN AND HUB ASSEMBLY

T-31329

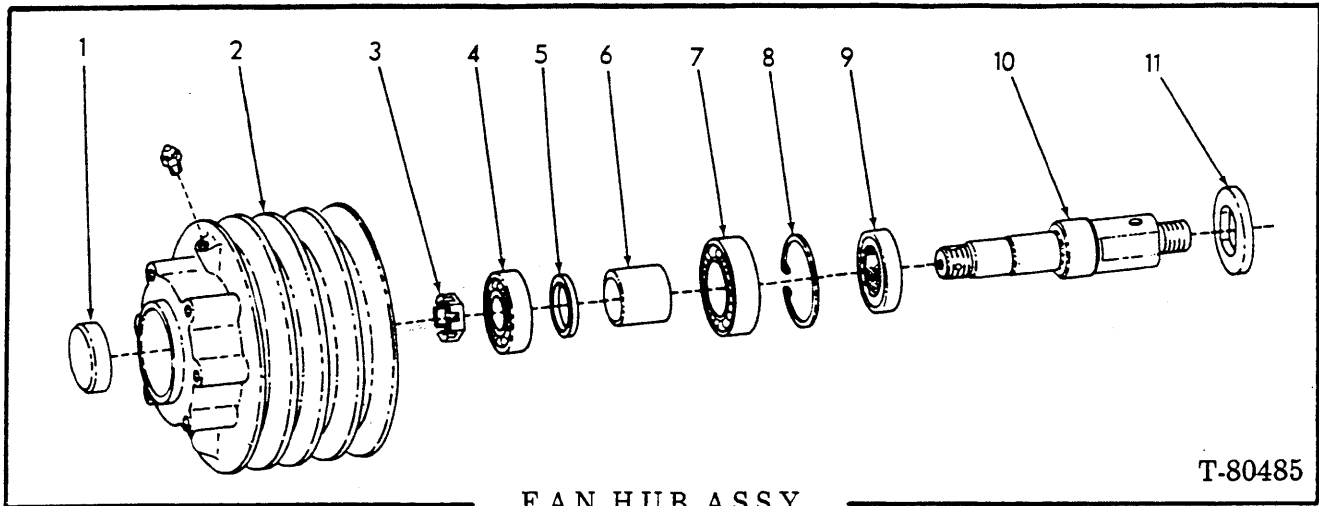
ITEM	PART NO.	QTY.	DESCRIPTION
1	73048858	1	FAN, pusher
	70928661	6	CAPSCREW, 3/8" NC x 5-1/2"
2	74357981	1	SPACER
3	-----	1	HUB ASSY. (see pages 61 and 61a)
4	74347781	1	SPACER
5	74252241	1	SCREW
6	74336777	1	BRACKET
	70916317	3	CAPSCREW, 1/2" NC x 2-3/4"
	70912441	3	LOCKWASHER, 1/2"
7	70915969	1	CAPSCREW, 1/2" NC x 3"
	70913432	1	WASHER, heavy, 17/32"
8	74335864	2	BELT
9	74339459	1	NUT ASSY.



USAGE: Engines prior to S/N 11-27846. See page 60.

ITEM	PART NO.	QTY.	DESCRIPTION
-	-----	1	HUB ASSY. (see page 61a 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

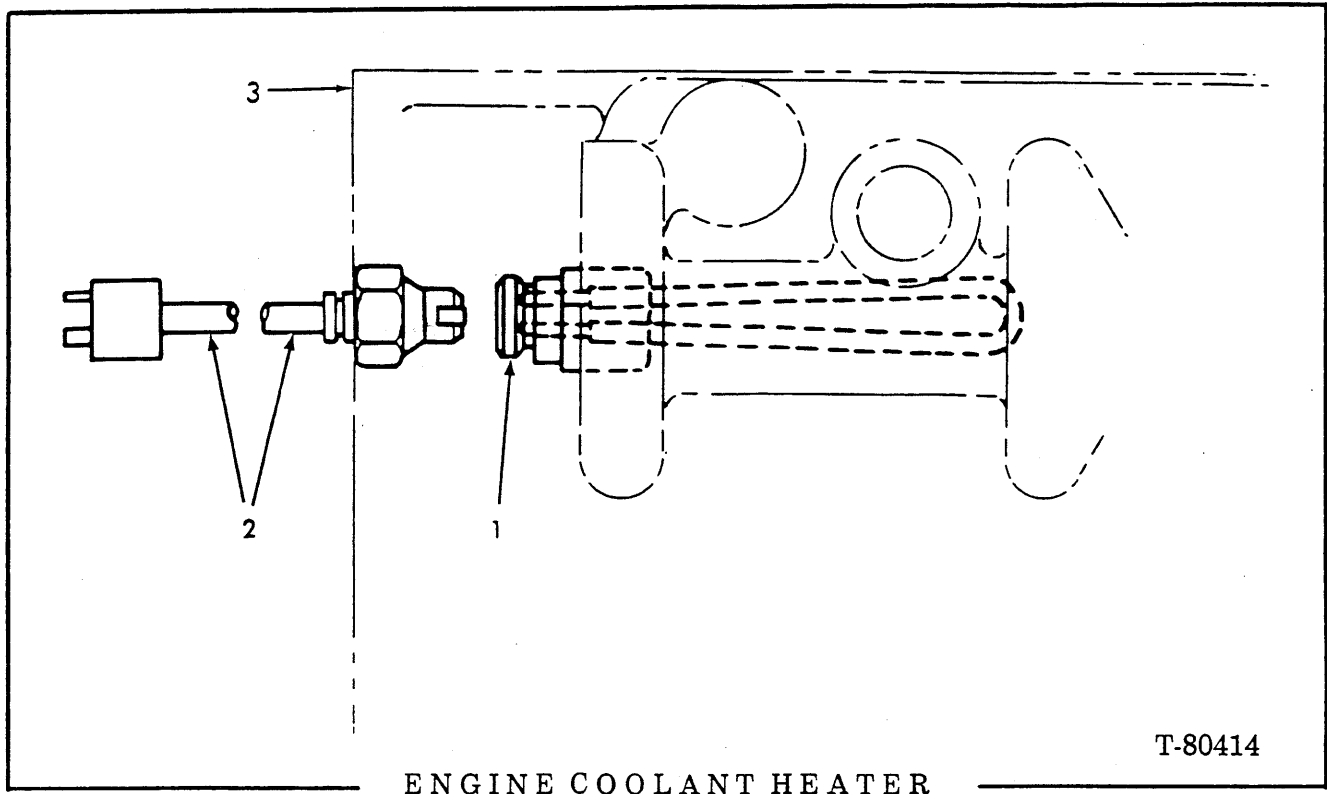
(Revised October 1980)



FAN HUB ASSY.

USAGE: effective with engine s/n 11-27846. See page 60.

ITEM	PART NO.	QTY.	DESCRIPTION
-	74321976	1	HUB ASSY. (includes items 1 thru 11)
1	-----	1	CAP
2	-----	1	HUB
	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

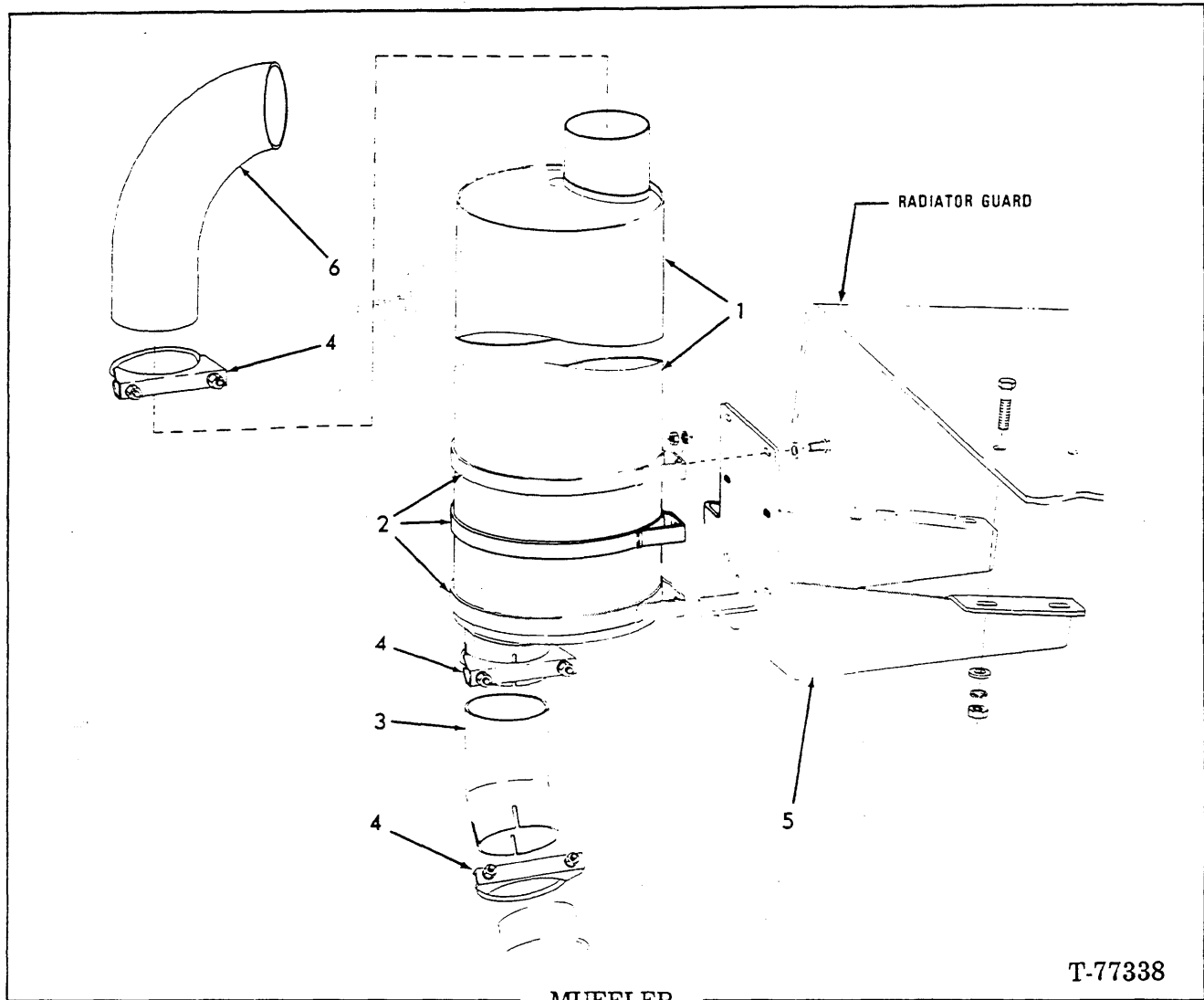


T-80414

ENGINE COOLANT HEATER

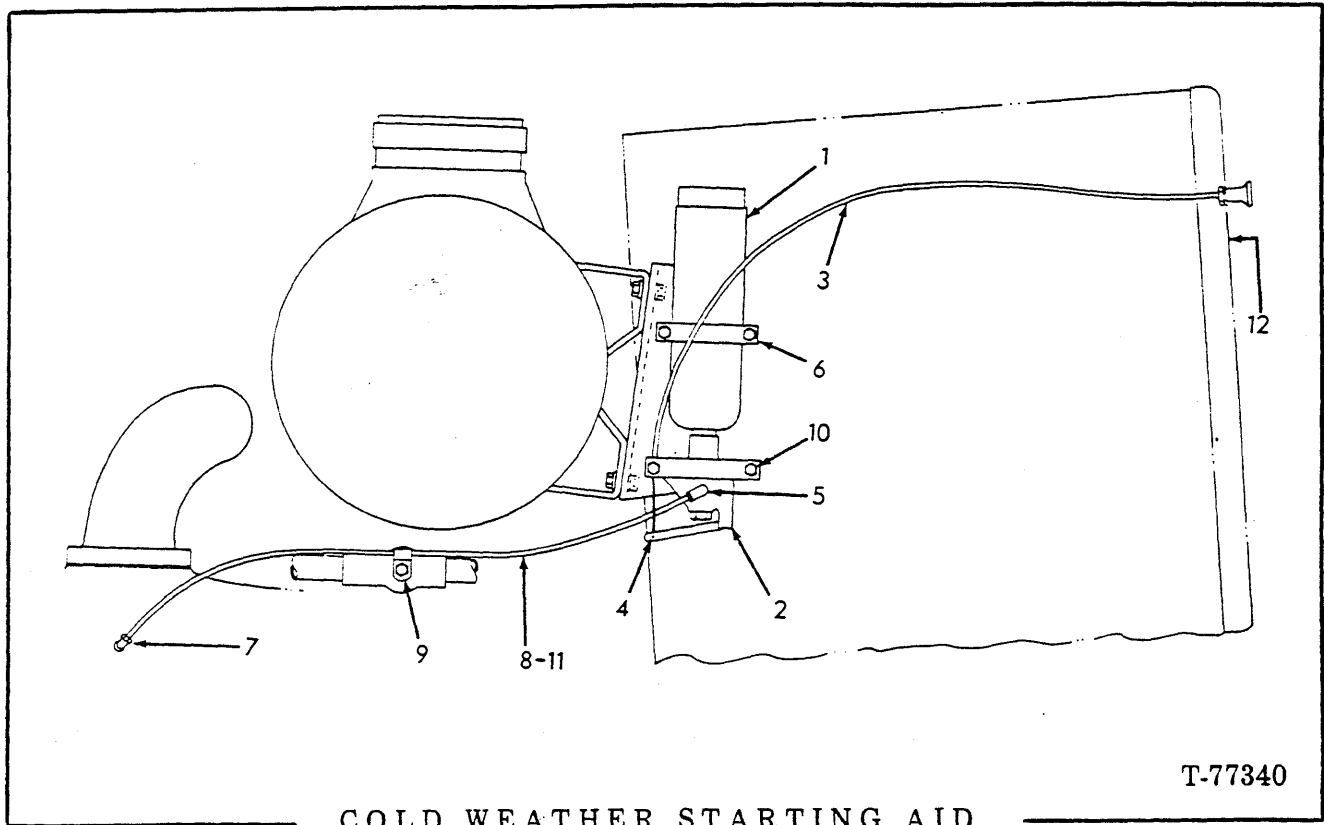
USAGE: Special Equipment
 * 120 volts
 ** 240 volts

ITEM	PART NO.	QTY.	DESCRIPTION
		* **	
-	{ 74395740	1 -	KIT } includes 1, 2 and 4
	{ 74395741	- 1	
1	{ 74394509	1 -	ELEMENT
	{ 74394510	- 1	ELEMENT
2	{ 74006788	1 -	CORD
	{ 74006789	- 1	CORD
3	.....	1 1	BLOCK ASSY., cylinder (see page 13)
4	.....	1 1	INSTALLATION INSTRUCTION



ITEM	PART NO.	QTY.	DESCRIPTION
1	73061486	1	MUFFLER
2	73026368	3	BAND (1 less used on early units)
	70921076	6	CAPSCREW, 3/8" NC x 1-1/4"
	70677006	6	WASHER
	70910287	6	LOCKWASHER, 3/8"
	70900367	6	NUT, 3/8" NC
3	73061485	1	ELBOW
4	73019330	3	CLAMP ASSY. (serviced only as an assy.)
5	73061484	1	BRACKET
	70921556	4	CAPSCREW, 1/2" NC x 2"
	70677008	4	WASHER, 1/2"
	70911028	4	NUT, 1/2" NC
6	73061487	1	TUBE

(Revised November 1979)



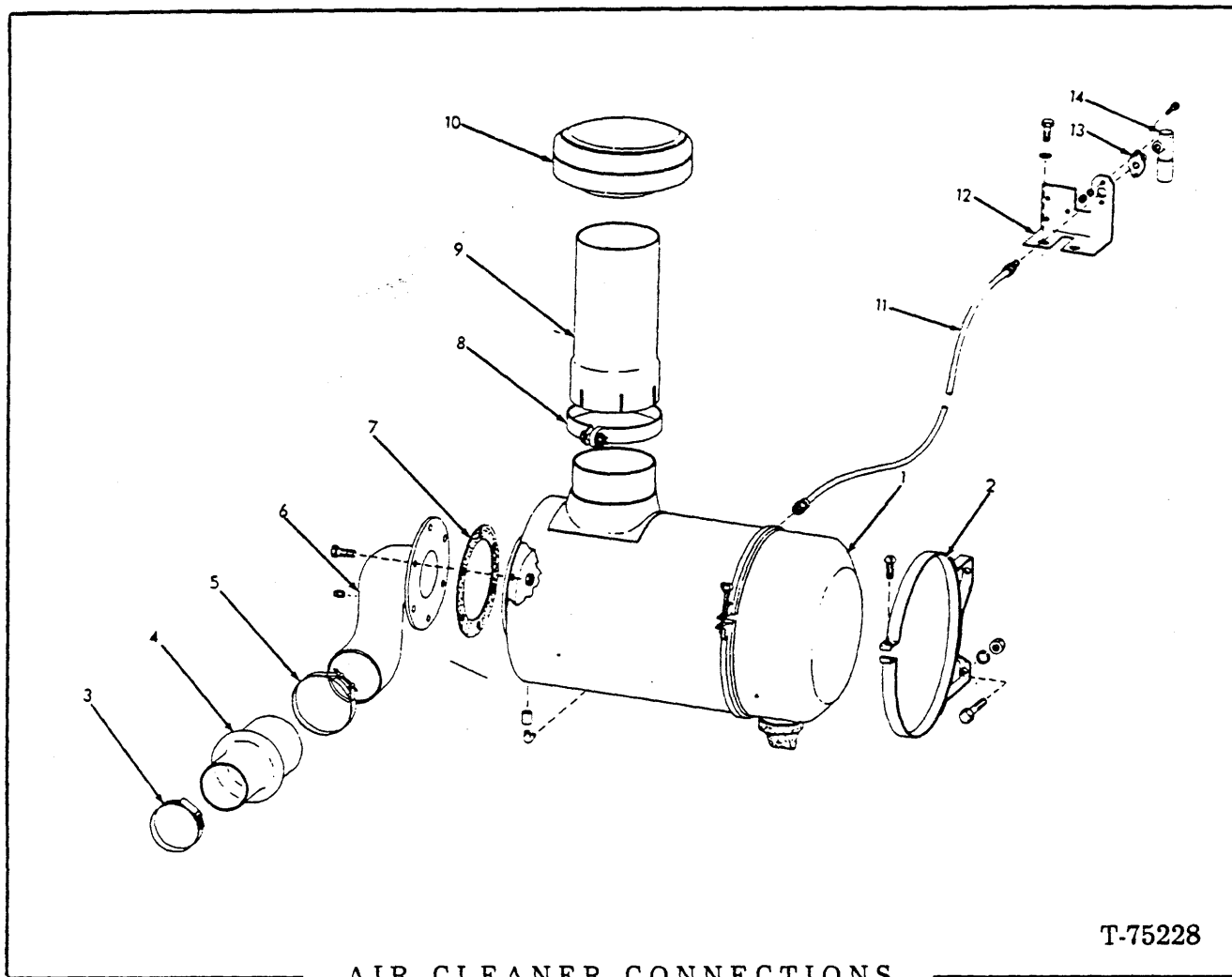
COLD WEATHER STARTING AID

T-77340

USAGE: Special Equipment

NOTE: Do not use with an electric air heater system.

ITEM	PART NO.	QTY.	DESCRIPTION
-	73067511	1	QUICK START (includes items 1 thru 7)
1	74024792	1	CYLINDER, fuel
2	73067533	1	VALVE ASSY. (includes bracket)
3	70251888	1	CABLE, control
4	73066657	1	STOP ASSY., cable
5	70910128	1	ELBOW ASSY. (includes NUT and SLEEVE indented below)
	70911841	1	SLEEVE, 1/8" tube
	70912589	1	NUT, 1/8" tube, 5/16" str. thd.
6	73041822	1	CLAMP
7	73067536	1	ATOMIZER (includes nut and sleeve)
8	-----	1	TUBE, 33" (refer to item 11)
9	70925615	1	CLIP (use existing fastener)
10	70923341	4	CAPSCREW, 1/4" NC x 3/4"
	70916964	4	LOCKWASHER, 1/4"
	70916622	4	NUT, 1/4" NC
11	73052091	-	TUBE, copper (48" length - use as required)
12	73065888	1	DECAL, starting instruction (applied to bonnet or cab post)

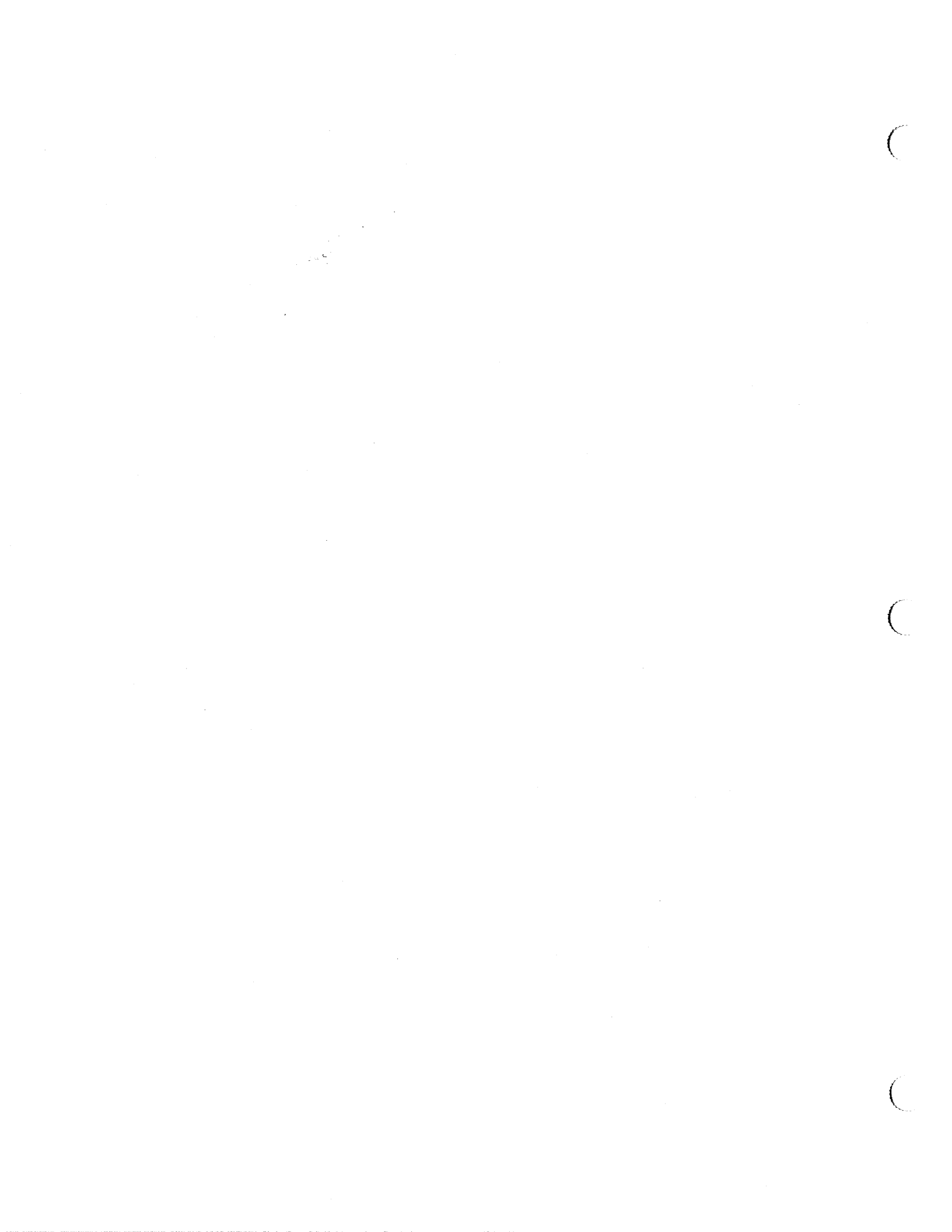


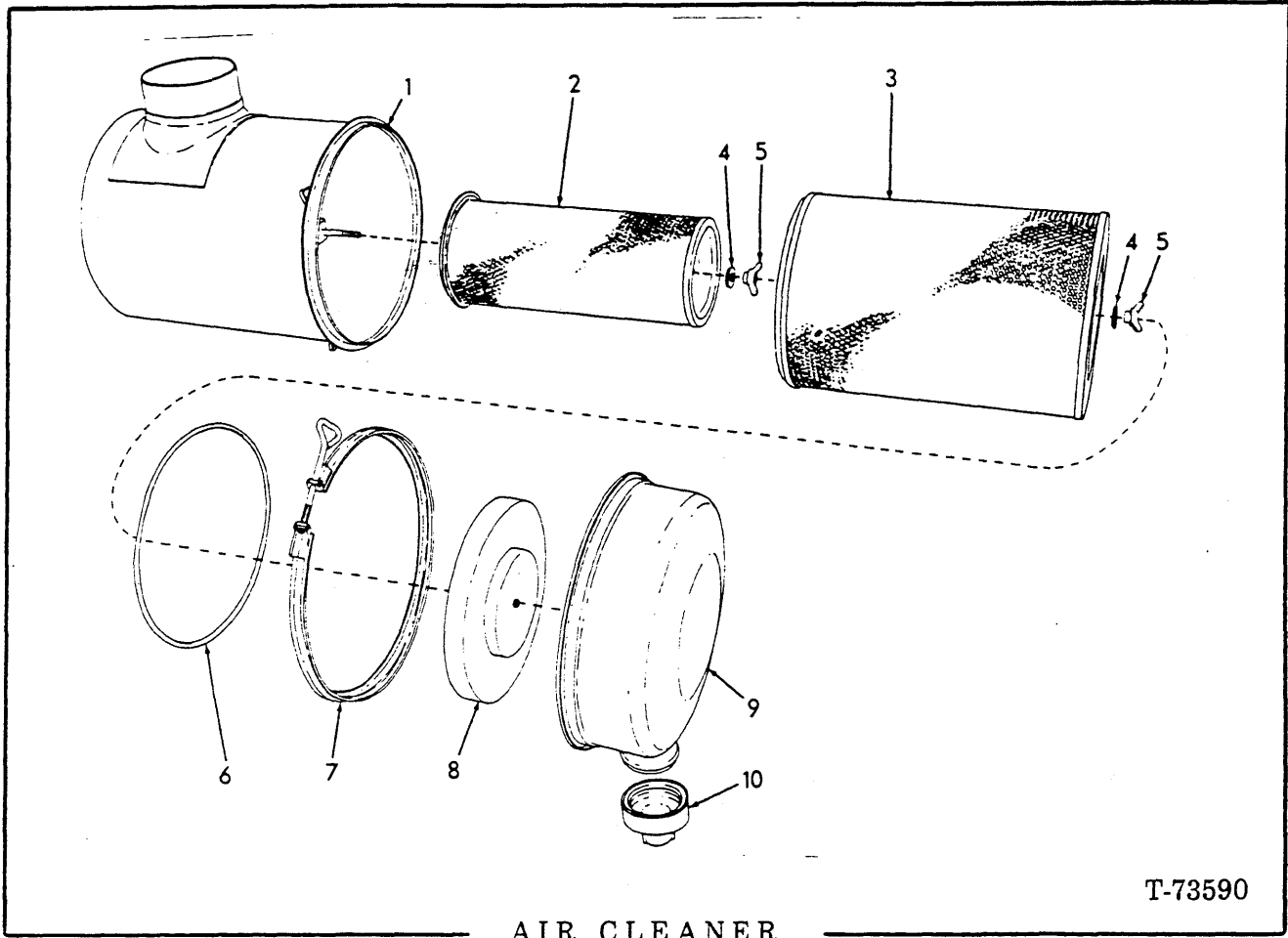
T-75228

AIR CLEANER CONNECTIONS

ITEM	PART NO.	QTY.	DESCRIPTION
1	-----	1	CLEANER ASSY. (see page 66)
2	73103146	2	BAND (includes tightening screw)
	70922763	4	CAPSCREW, 3/8" NC x 1"
	70910287	4	LOCKWASHER, 3/8"
	70911026	4	NUT, 3/8"NC
3	70929293	1	CLAMP
4	73047933	1	HOSE
5	70925342	1	CLAMP
6	73048639	1	ELBOW
	70921076	6	CAPSCREW, 3/8" NC x 1-1/4"
	70918308	6	LOCKNUT, 3/8" NC
	70901651	1	PLUG, pipe, 1/8" NPT
7	70658759	1	GASKET
8	73054594	1	CLAMP
	70916389	1	CAPSCREW, 3/8" NF x 3-1/4"
	70044973	2	WASHER
	70910287	1	LOCKWASHER, 3/8"
	70910123	1	NUT, 3/8" NF

(Continued)





USAGE: See page 64.

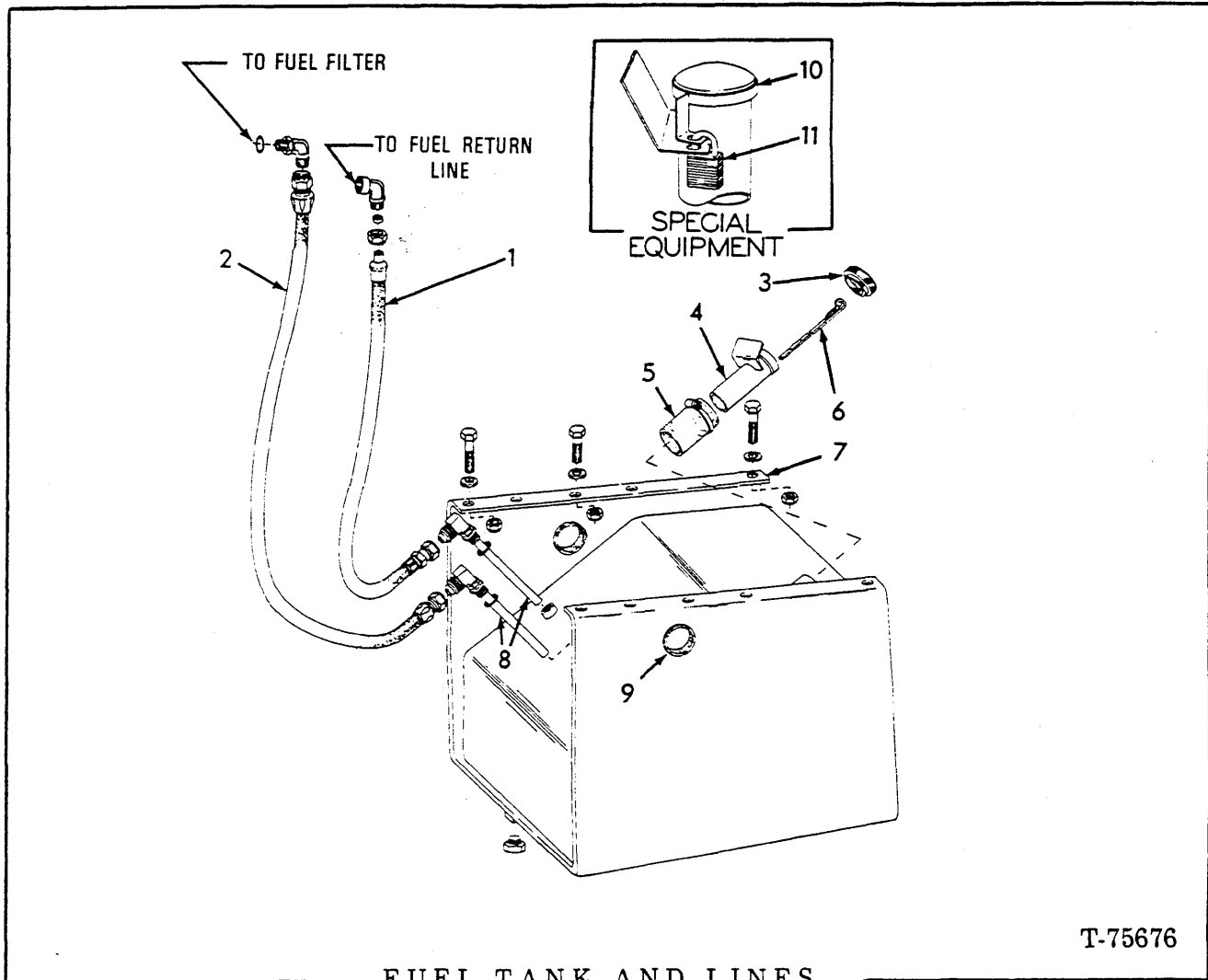
ITEM	PART NO.	QTY.	DESCRIPTION
-	70662618	1	CLEANER ASSY. (includes items 1 thru 10)
1	-----	1	BODY (order CLEANER ASSY.)
2	70662477	1	ELEMENT ASSY. (inner)
3	70684734	1	ELEMENT ASSY. (outer)
4	-----	2	GASKET (order item 5)
5	70664343	2	NUT ASSY. (includes item 4)
6	70620721	1	O-RING
7	70621530	1	CLAMP ASSY. (includes tightening screw)
8	70661162	1	BAFFLE ASSY. (includes wing nut)
9	70661163	1	CUP
10	73042943	1	VALVE
11	73107894	1	DECAL, warning (Not illustrated — applied to item 1)

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 (Serviced only as a unit)(First type)
	-----	-	TUBE (36" long)(Refer to item 18)(Second type)
	70919173	1	ELBOW, 1/4" tube, 1/8"NPT
	70901763	1	COUPLING, female, 1/8"NPT
	70928923	1	ELBOW, 1/4" tube, 1/8"NPT
	70928799	1	CONNECTOR, 1/4" tube, 7/16" str.thd.
	70901763	1	COUPLING, female, 1/8"NPT
12	73047450	1	BRACKET
	70922300	2	CAPSCREW, 3/8"NC x 3/4"
	70677006	2	WASHER
13	73045531	1	FLANGE
	70928438	2	CAPSCREW, 1/4"NF x 3/4"
	70906904	2	NUT, 1/4"NF
14	74388648	1	INDICATOR
15	73108722	1	DECAL, starting fluid (Not illustrated)(Applied to item 9)
16	73112663	1	DECAL, cyclopac
17	73107894	1	DECAL, air cleaner
18	73067681	-	TUBE (100 ft. roll. Requires cutting to length)

} First
type
} Second
type

} Not illustrated
applied to item 1

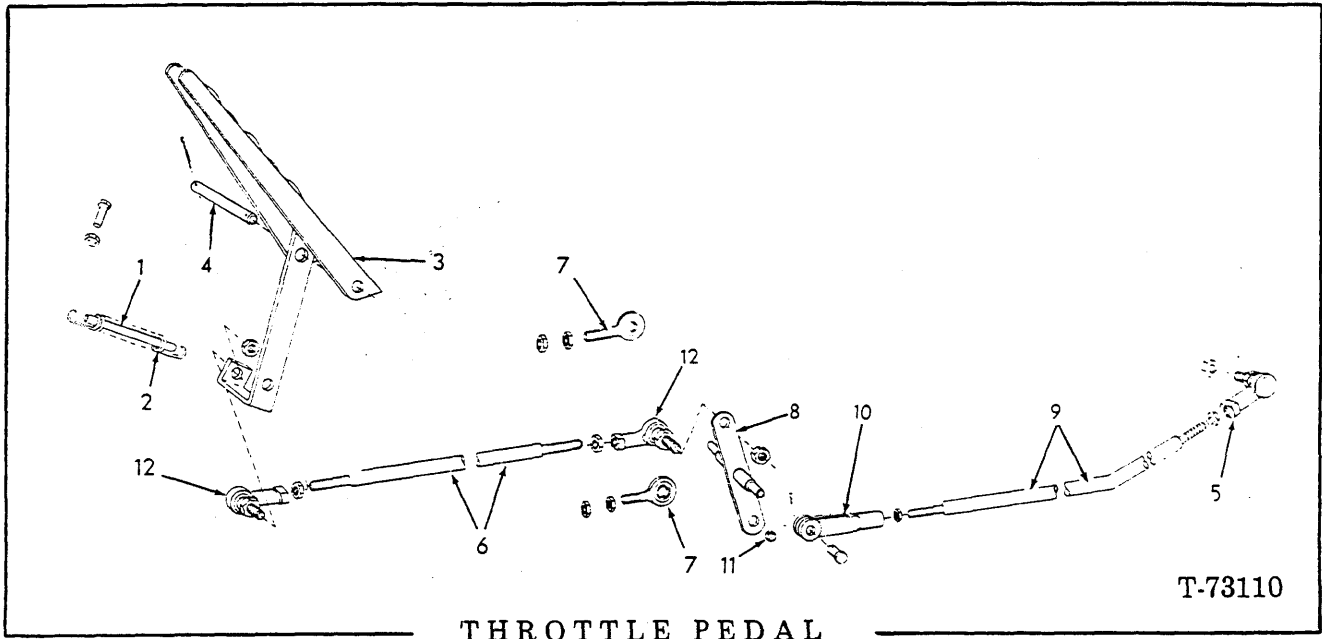


FUEL TANK AND LINES

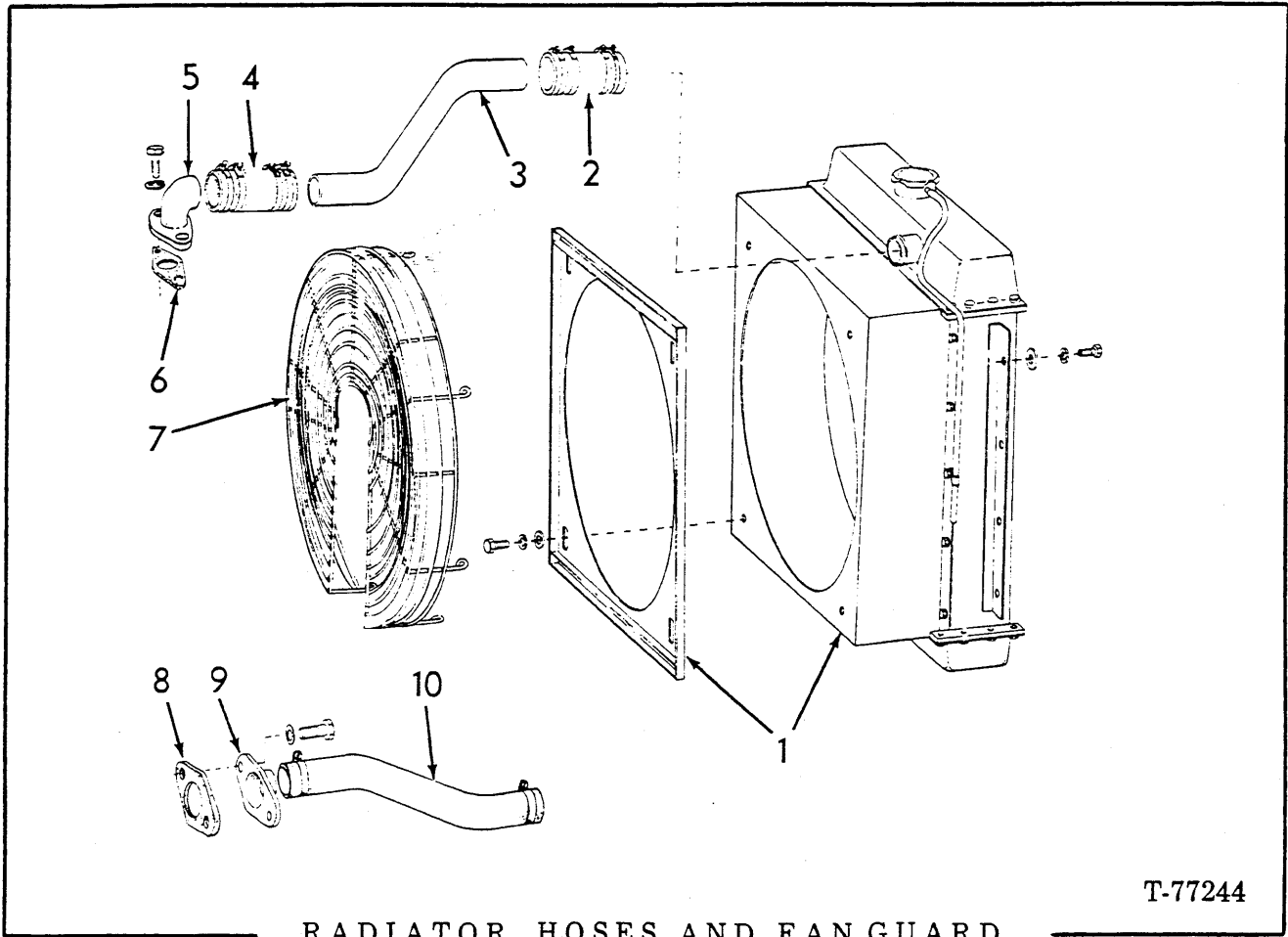
T-75676

ITEM	PART NO.	QTY.	DESCRIPTION
1	73050282	1	HOSE ASSY., fuel return (Serviced only as an assy.)
	70923539	1	ELBOW ASSY., 5/16" tube, 1/8" NPT (Includes SLEEVE and NUT below)
	70918802	1	SLEEVE, 5/16" tube
	70918804	1	NUT, 5/16" tube
2	73058834	1	HOSE ASSY. (See page 8)
	70925295	1	ELBOW ASSY., male, 3/8" tube, 9/16" NPT (Includes O-RING below)
	70921885	1	O-RING
3	73035950	1	CAP
4	73053540	1	TUBE
5	73028393	1	HOSE
	70921915	4	CLAMP
6	73055289	1	DIPSTICK

(Continued)



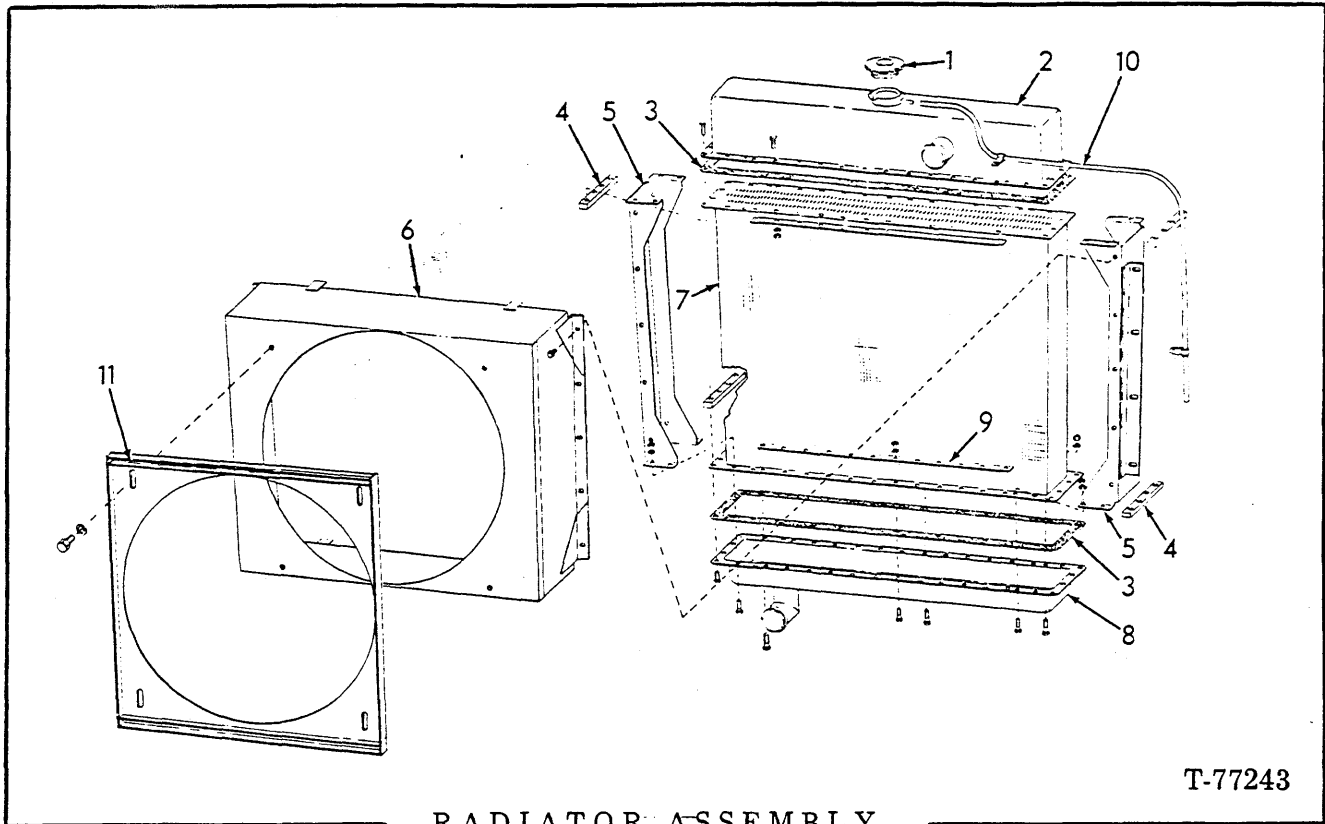
ITEM	PART NO.	QTY.	DESCRIPTION
1	73021657	1	ROD
2	73014226	1	SPRING
3	73055738	1	PEDAL, weld assy.
	70922287	1	CAPSCREW, 3/8" NC x 1-3/4" } Throttle
	70911026	1	NUT, 3/8" } Stop
4	73021696	1	PIN
	70918448	2	PIN, cotter, 3/32" x 1"
5	70686384	1	JOINT
	70910267	1	NUT, jam, 1/4" NF
	70911040	1	NUT, jam, 1/4" NF
6	73055245	1	ROD
7	73014549	2	BEARING
	70910194	4	NUT, jam, 7/16"
8	73066100	1	SHAFT, weld assy. (Includes item 11)
9	73067345	1	ROD
10	70628736	1	YOKE
	70078810	1	PIN
	70918448	1	PIN, cotter, 3/32" x 1"
	70910329	1	NUT, jam, 3/8" NF
11	70624584	1	BUSHING
12	70686384	2	JOINT, ball, 1/4"
	70906904	2	NUT, 1/4" NF
	70910267	2	NUT, jam, 1/4" NF



T-77244

RADIATOR, HOSES AND FANGUARD

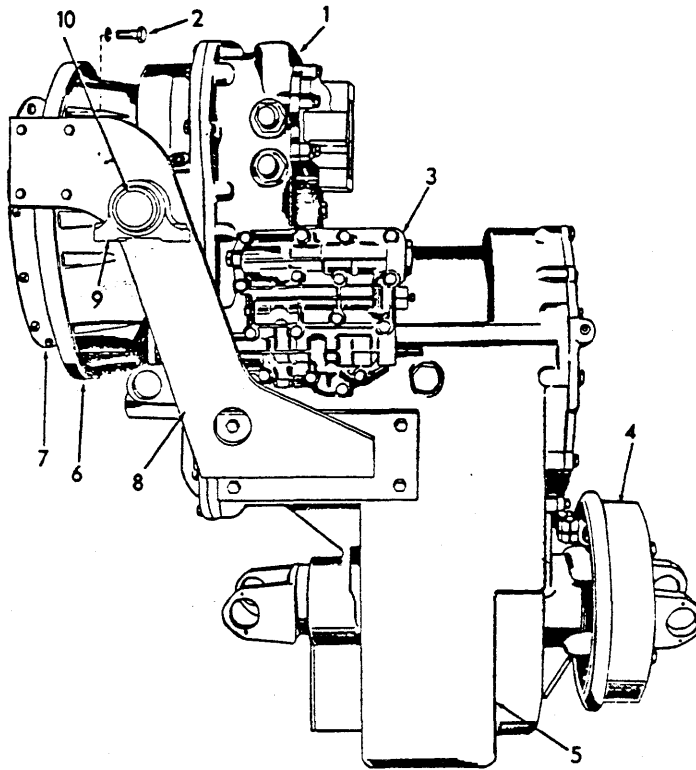
ITEM	PART NO.	QTY.	DESCRIPTION
1	-----	-	RADIATOR ASSY. (See page 71)
	70922763	8	CAPSCREW, 3/8" NC x 1"
	70677006	8	WASHER
	70912415	1	COCK, drain, 1/4" NPT
2	73031151	1	HOSE
	70921914	4	CLAMP
3	73048945	1	TUBE
4	73026172	1	HOSE
	70921914	4	CLAMP
5	74335451	1	ELBOW
	70919228	1	CAPSCREW, 7/16" NC x 1-1/8"
	70916867	1	CAPSCREW, 7/16" NC x 3"
	70914678	2	LOCKWASHER, 7/16"
6	74300145	1	GASKET
7	73057485	1	GUARD
	70922763	7	CAPSCREW, 3/8" NC x 1"
	70677006	7	WASHER
8	74346456	1	GASKET
9	74321254	1	PIPE
	70916271	2	CAPSCREW, 3/8" NC x 1"
	70910287	2	LOCKWASHER, 3/8"
10	73057480	1	HOSE
	70921914	2	CLAMP
11	73109097	1	TAG, coolant



RADIATOR ASSEMBLY

T-77243

ITEM	PART NO.	QTY	DESCRIPTION
-	73056857	1	RADIATOR ASSY. (includes items 1 thru 11)
1	70087528	1	CAP (7 psi)
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, left and right
6	73056865	1	SHROUD
	70922902	8	CAPSCREW, self tapping, No. 14 x 3/8"
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
10	73056852	1	TUBE
	70927978	2	CLAMP
11	73056864	1	SHROUD
	70915809	4	CAPSCREW, 5/16" NC x 3/4"
	70904205	4	LOCKWASHER



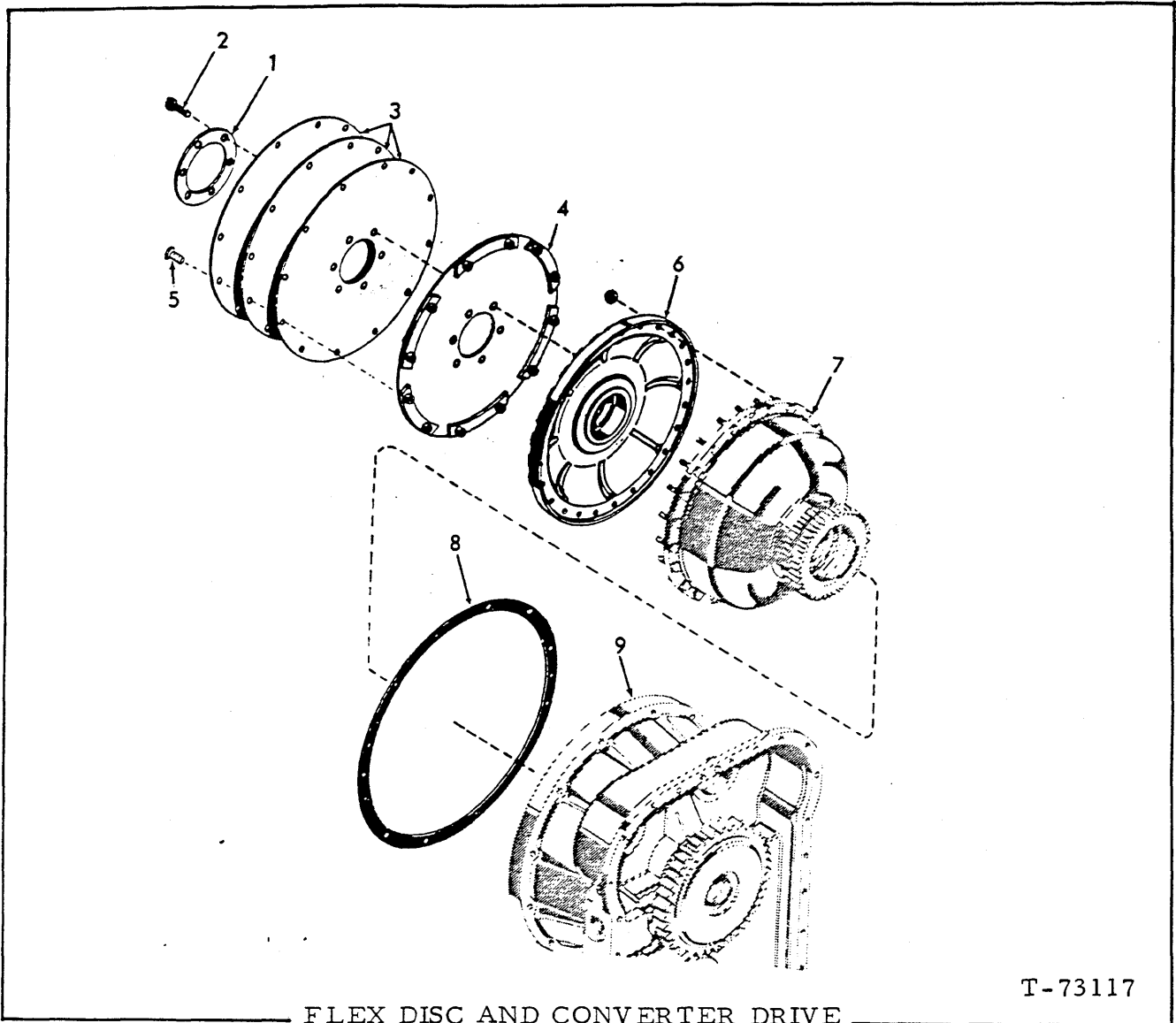
T-73966

TRANSMISSION ASSEMBLY

*Transmission Model TT4720-1
 **Transmission Model TT4721-1

ITEM	PART NO.	QTY.	DESCRIPTION
		* **	
1	73061360	1 -	TRANSMISSION ASSY., complete, std.
	73077324	- 1	TRANSMISSION ASSY., complete, std. (2 speeds forward, 1 speed reverse)
	73061361	1 -	TRANSMISSION ASSY., complete, with rear axle disconnect
	73077997	- 1	TRANSMISSION ASSY., complete, with rear axle disconnect (2 speeds forward, 1 speed reverse) (Optional)
2	70919226	12 12	CAPSCREW, 3/8"NC x 5/8"
	70677006	12 12	WASHER
3	-----	1 1	VALVE ASSY., control (See page 92)
4	-----	1 1	BRAKE ASSY., parking (See page 96)
5	-----	1 1	HOUSING ASSY., transmission (See page 80)
6	-----	1 1	HOUSING ASSY., converter (See page 76)
7	-----	1 1	DISC ASSY., flex (See page 73)
8	73048729	1 1	BRACKET ASSY., left
	73048730	1 1	BRACKET ASSY., right
	70921556	8 8	CAPSCREW, 1/2"NC x 2"
	70928460	8 8	LOCKWASHER
	70921403	8 8	CAPSCREW, 5/8"NC x 2"
	70677010	8 8	WASHER
9	73057841	2 2	PAD ASSY. (Includes item 10)
	70921266	4 4	CAPSCREW, 5/8"NC x 3-1/4"
	70677010	4 4	WASHER
	70914501	4 4	NUT, lock, 5/8"NC
10	70181605	2 2	BEARING, self-aligning

(REVISED FEBRUARY, 1985)

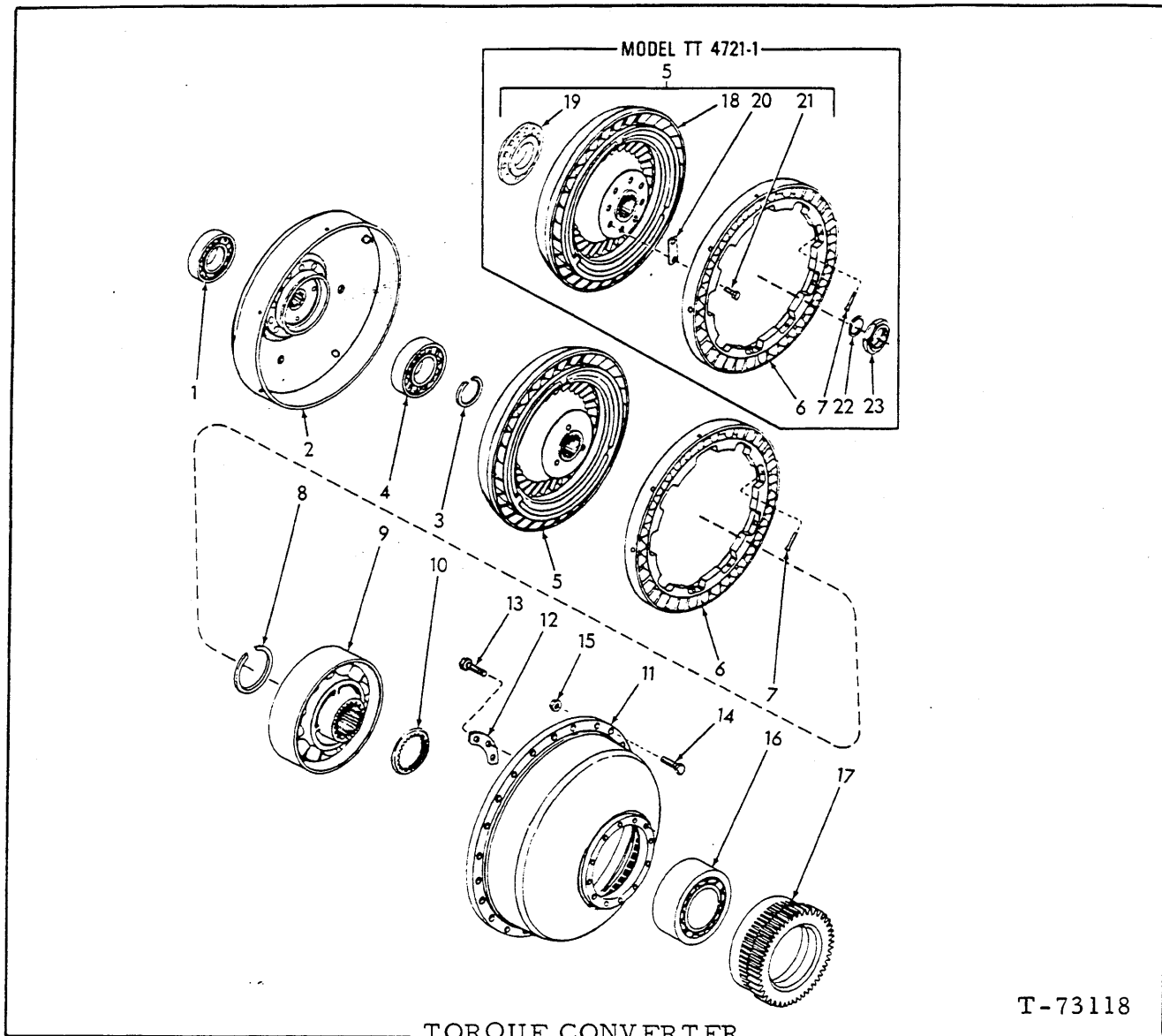


T-73117

FLEX DISC AND CONVERTER DRIVE

*Transmission Model TT 4720-1
 **Transmission Model TT 4721-1

ITEM	PART NO.	QTY.	DESCRIPTION
		* **	
1	73047028	1 1	PLATE
2	73041456	6 6	CAPSCREW
3	73066079	3 3	DISC
4	73066078	1 1	DISC ASSY. (Includes washer)
5	73050464	12 12	BOLT
6	73047031	1 -	COVER
	73138127	- 1	COVER
	73021041	24 24	NUT
7	-----	1 1	CONVERTER ASSY. (See page 74)
8	73048425	1 1	□ GASKET, converter housing to flywheel housing
9	-----	1 1	HOUSING (See page 76)



*Transmission Model TT 4720-1

**Transmission Model TT 4721-1

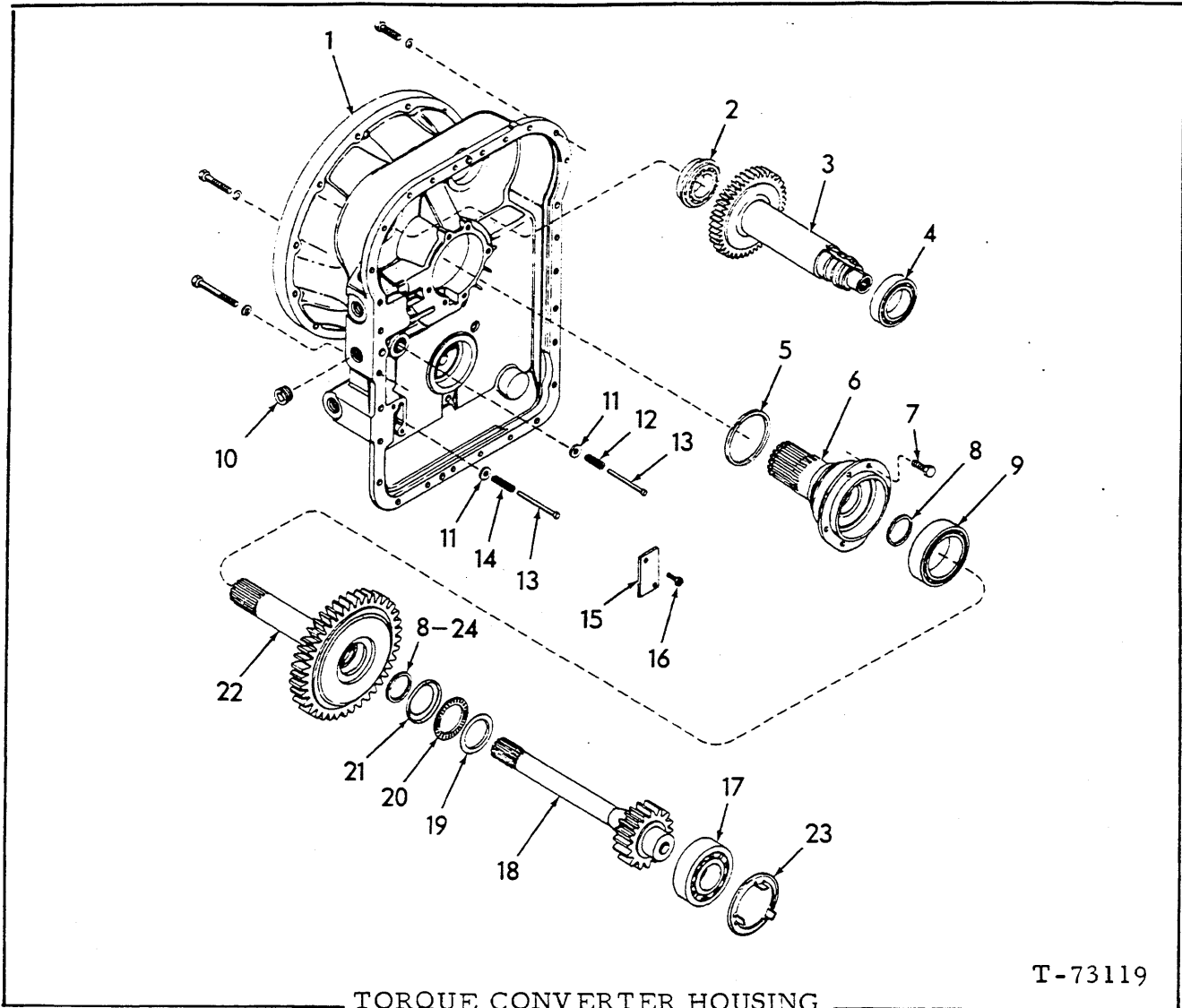
ITEM	PART NO.	QTY.	DESCRIPTION
		* **	
1	73065780	1 1	BEARING
2	73047033	1 -	TURBINE ASSY., first (Includes housing, item 6 & 7)
	73077663	- 1	TURBINE ASSY., first (Includes housing, item 6 & 7)
3	73047036	1 -	RING
4	73070586	1 -	BEARING
	73138128	- 1	BEARING
5	73063388	1 -	TURBINE, second
	73077664	- 1	TURBINE assy., second (Includes items 18, 19, 20 & 21)
6	-----	1 1	TURBINE, first (Order item 2)
7	73044432	9 9	PIN
8	70194541	1 -	RING
9	73047038	1 1	STATOR
10	73100710	1 1	SPACER

(Continued)

(Revised February 1988)

TORQUE CONVERTER (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
		* **	
11	73047042	1 1	PUMP ASSY. (Includes item 14)
12	73047041	4 4	STRIP
13	73047040	12 12	BOLT, 5/16"NF x 1-1/8" (Self-locking)
14	73139936	24 24	BOLT
15	73021041	24 24	□ NUT
16	73047043	1 1	BEARING
17	73065001	1 1	GEAR
18	73077666	- 1	TURBINE, second
19	73077665	- 1	HUB, second turbine
20	73077584	- 5	STRIP, locking
21	70929660	- 10	CAPSCREW, 7/16"NF x 3/4"
22	73077585	- 1	SNAP RING
23	73077586	- 1	NUT



T-73119

TORQUE CONVERTER HOUSING

*Transmission Model TT 4720-1

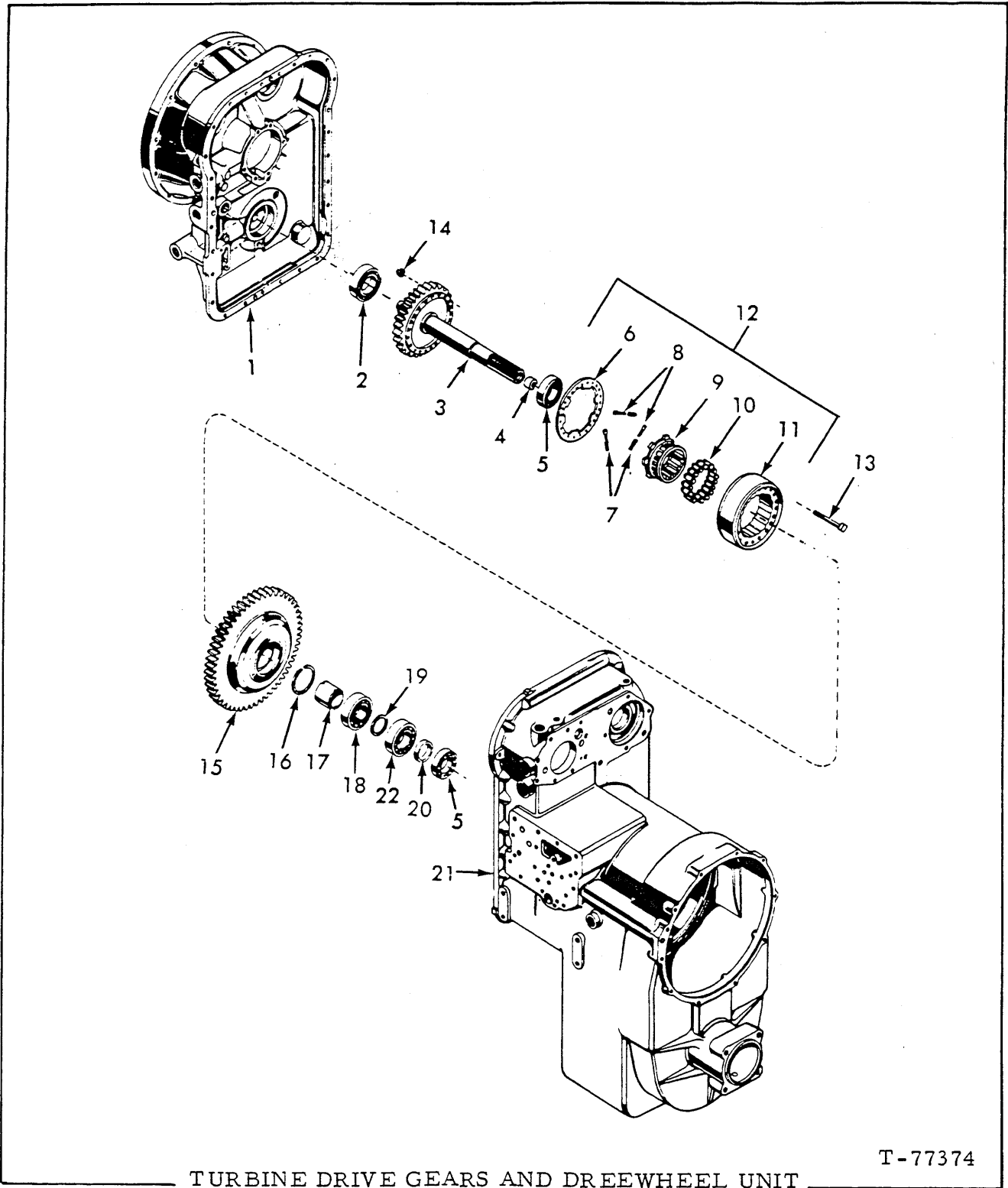
**Transmission Model TT 4721-1

ITEM	PART NO.	QTY.	DESCRIPTION
1	73069439	1 1	HOUSING ASSY. (Includes items 10 thru 14)(For first replacement prior to transmission S/N 9659 also order item 12)
	70916867	3 3	CAPSCREW, 7/16"NC x 3"
	70912188	4 4	CAPSCREW, 7/16"NC x 1-3/4"
	70916197	21 21	CAPSCREW, 7/16"NC x 1-1/4"
	70914678	28 28	LOCKWASHER
2	73068363	1 1	BEARING
3	73065002	1 1	GEAR
4	73055228	1 1	BEARING
5	70194585	1 1	□RING, seal
6	73100708	1 -	SLEEVE
	73077569	- 1	SLEEVE
7	73100709	6 -	BOLT
	73075032	- 6	BOLT

(Continued)

TORQUE CONVERTER HOUSING (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
		* **	
8	73070598	2 1	ORING
9	73065779	1 -	BEARING
	73077570	- 1	BEARING
10	73076671	1 1	PLUG, sq. skt., 3/4"NPT
11	73044430	2 2	VALVE
12	73069440	1 1	SPRING
13	73044449	2 2	PIN
14	73047049	1 1	SPRING
15	73047664	1 1	COVER
16	73047665	2 2	BOLT
17	73069168	1 1	BEARING
18	73051800	1 -	GEAR
	73077572	- 1	GEAR
19	73047673	1 1	RACE
20	73047672	1 1	BEARING
21	73047671	1 1	RACE
22	73070892	1 -	GEAR
	73077571	- 1	GEAR
23	73074767	1 1	WASHER, thrust (Effective transmission S/N 13275 or Housing Assy., 73074764)
24	73044422	- 1	ORING



T-77374

TURBINE DRIVE GEARS AND DREEWHEEL UNIT

*Transmission Model 4720-1

**Transmission Model 4721-1

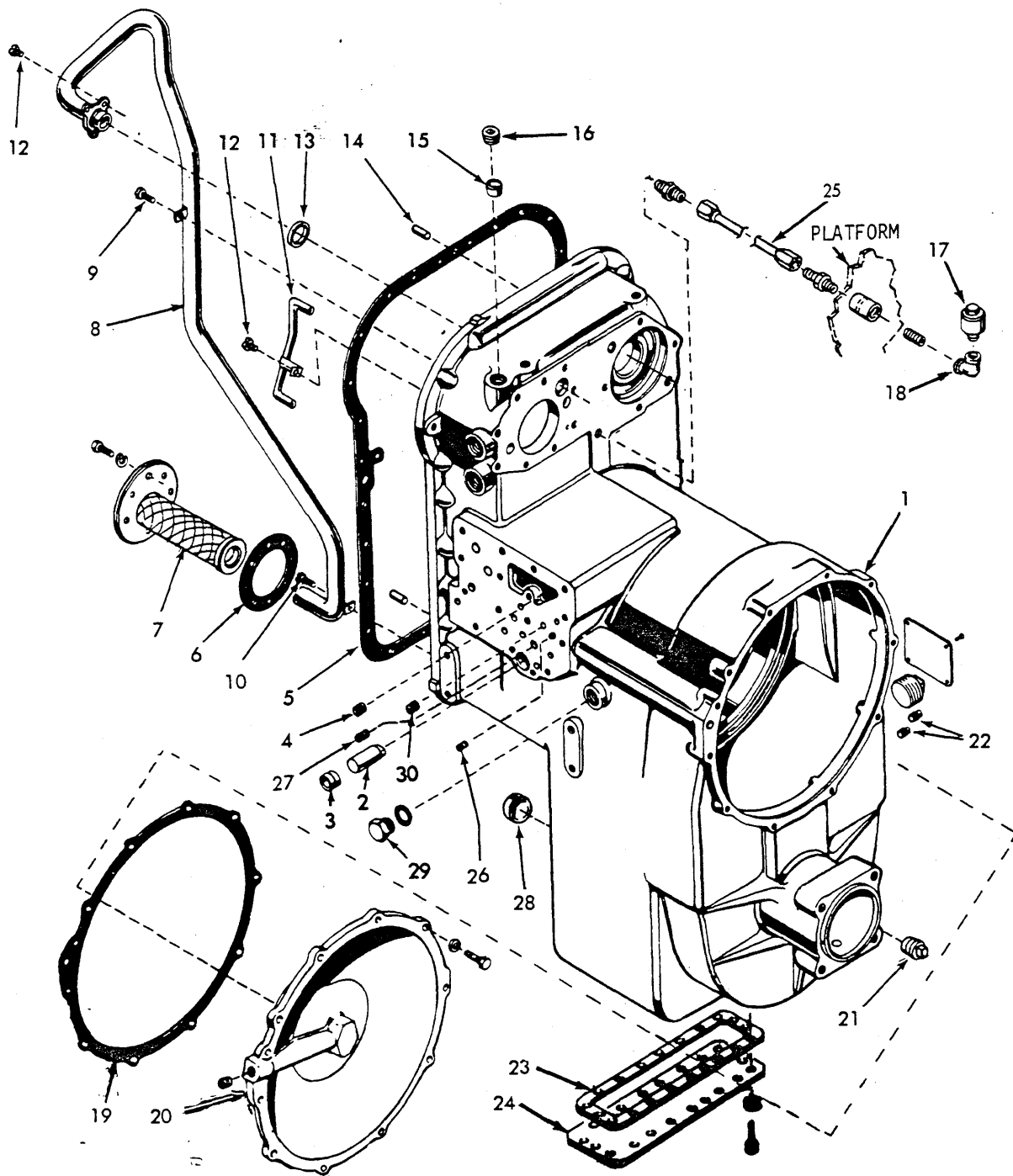
ITEM	PART NO.	QTY.	DESCRIPTION
		* **	
1	-----	1	1 HOUSING, torque converter (See page 76)
2	73138129	1	1 BEARING

(Continued)

TURBINE DRIVE GEARS AND FREEWHEEL UNIT (Continued)

ITEM	PART NO.	QTY.		DESCRIPTION
		*	**	
3	73062071	1	1	GEAR, driven, second turbine (Includes item 4)
4	73062083	1	1	PLUG
5	73047678	2	2	BEARING
6	-----	1	1	PLATE
7	-----	3	3	SPRING
8	-----	3	3	SPIRAL
9	-----	1	1	CAGE
10	-----	21	21	ROLLER
11	-----	1	1	CAM
12	73076468	1	1	KIT, overrunning clutch (Includes items 6 thru 11)
13	73047684	21	21	CAPSCREW
14	73044438	21	21	NUT
15	73138130	1	1	GEAR
16	73047686	1	1	RING
17	73047687	1	1	SPACER
18	73065780	1	1	BEARING (Single row ball)
19	73047689	1	1	SPACER
20	73047690	1	1	SPACER
21	-----	1	1	HOUSING, transmission (See page 80)
22	73044466	1	1	BEARING

} Order item 12



TRANSMISSION HOUSING AND COVER

T-77375

TRANSMISSION HOUSING AND COVER (Continued)

*Transmission Model 4720-1

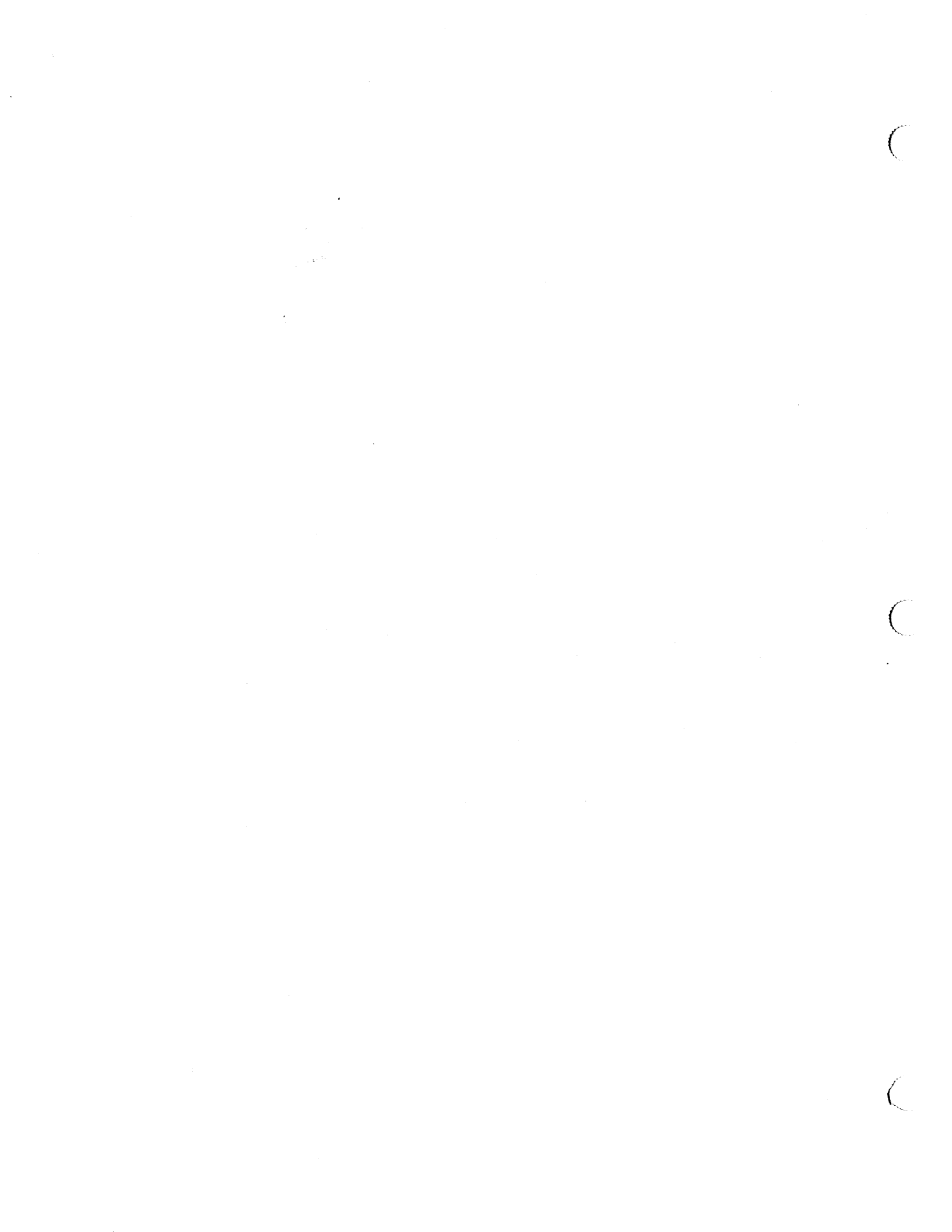
**Transmission Model 4721-1

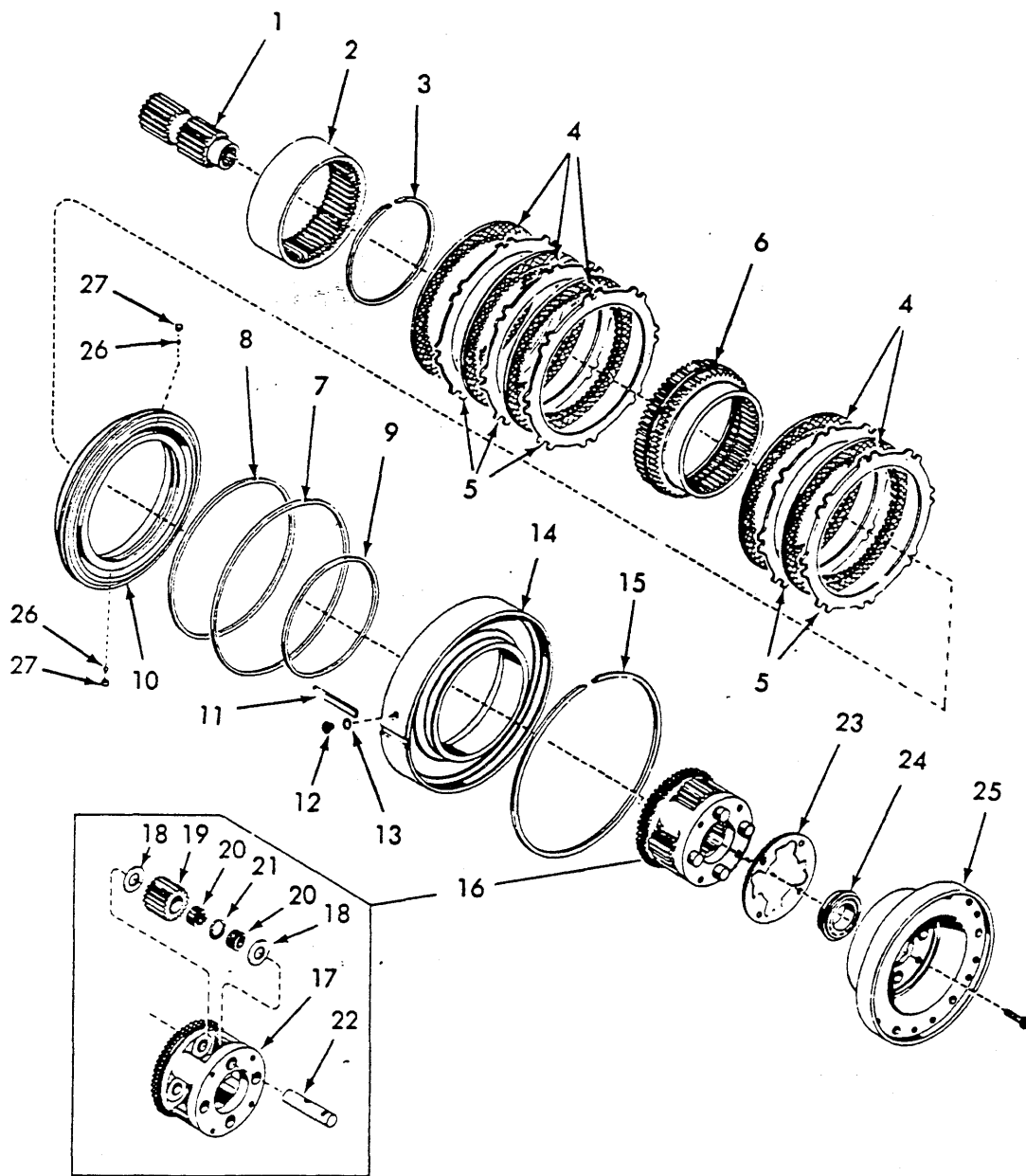
ITEM	PART NO.	QTY.	DESCRIPTION
		* **	
1	73069097	1 -	HOUSING ASSY. (Prior to transmission S/N 13275) (See NOTE)
	73074764	1 1	HOUSING ASSY. (Effective with transmission S/N 13275)(See NOTE)
			NOTE: Transmission with and without axle disconnect. (Includes items 4, 14, 15, 16, 23, 24, 26, 27 and 28. Prior to transmission S/N 9728 also order second type item 2)
2	73047697	1 -	PIN (Used prior to transmission S/N 9724)(First type)
	73068572	1 1	PIN (Effective with transmission S/N 9724)(Second type)
3	73047696	1 -	SPACER
	70933487	- 1	SPACER
4	73065413	1 1	PLUG, orifice
5	74047698	1 1	□GASKET
6	73067517	1 1	□GASKET
7	73062052	1 1	STRAINER ASSY.
	70916269	6 6	CAPSCREW, 3/8"NC x 7/8"
	70910287	6 6	LOCKWASHER, 3/8"
8	73062048	1 1	TUBE
9	73047665	1 1	BOLT
10	73047665	1 1	BOLT
11	73047037	1 1	TUBE ASSY.
12	73047665	4 1	BOLT
13	73062051	1 1	□RING
14	73044436	2 2	PIN
15	73044391	1 1	PLUG
16	73055076	1 -	PLUG
	73076671	1 1	PLUG (Effective transmission S/N 13275 or Housing Assy. 73074764)
17	70194551	1 1	BREATHER
18	70901677	1 1	ELBOW, 1/4" pipe
	70901479	1 1	NIPPLE, 1/4" pipe x 1-1/2"
19	73047741	1 1	□GASKET
20	73047743	1 1	COVER
	70916197	11 11	CAPSCREW, 7/16"NC x 1-1/4"
	70914678	11 11	LOCKWASHER, 7/16"
	70918850	1 1	PLUG, pipe, ctsk., 1/4"NPT
21	73021038	1 -	PLUG
	70920133	- 1	PLUG
22	73077307	2 -	PLUG, pipe, 1/4"NPT
	73131895	- 2	PLUG
23	73069421	1 2	GASKET
24	73065523	1 1	COVER
	70916271	18 18	CAPSCREW, 3/8"NC x 1"
	70910287	18 18	LOCKWASHER, 3/8"
25	73064794	1 1	TUBE ASSY.
	70924816	2 2	CONNECTOR, 1/2" tube, 1/4"NPT (Trans- mission end)
	70901764	1 1	COUPLING, straight, 1/2"NPT (Requires welding)

(Continued)

TRANSMISSION HOUSING AND COVER (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
		* **	
26	70910231	1 1	PLUG, hex. skt., 1/8"NPT
27	70933487	1 1	PLUG, cup pt., 7/16"NC x 3/8"
28	73021091	1 1	PLUG, cup (Not used with axle disconnect)
29	73044473	- 1	PLUG
	73044474	- 1	GASKET
30	73062137	- 1	PLUG





T-77377

FORWARD CLUTCH AND PLANETARY

*Transmission Model 4720-1

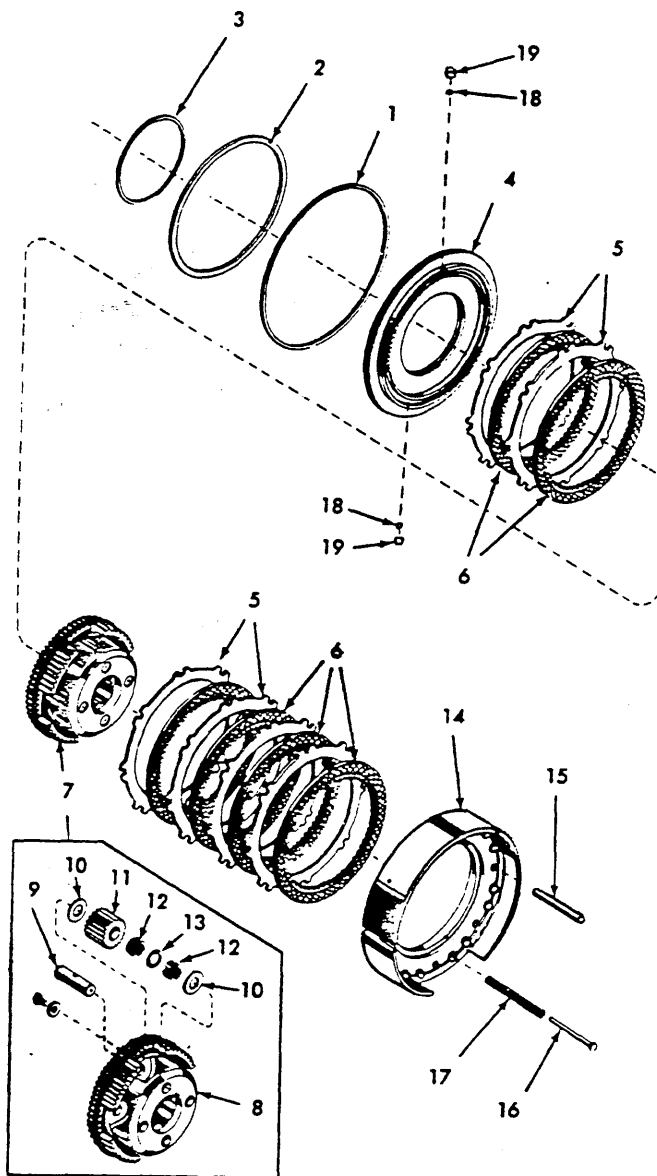
**Transmission Model 4721-1

ITEM	PART NO.	QTY.	DESCRIPTION
		* **	
1	73062060	1	GEAR
2	73062041	1	GEAR
3	73048414	1	RING
4	73077153	5	PLATE, internal splined
5	73062078	5	PLATE, external tanged
6	73062058	1	GEAR
7	73062027	1	O-RING, large
8	73062067	1	O-RING, center
9	73062025	1	O-RING, small

(Continued)

FORWARD CLUTCH AND PLANETARY (Continued)

ITEM	PART NO.	QTY.		DESCRIPTION
		*	**	
10	73062057	1	1	PISTON ASSY. (Includes item 26 and 27)
11	73062053	1	1	KEY
12	73047723	1	1	INSERT
13	73047724	1	1	□RING
14	73062062	1	1	HOUSING
15	73100707	1	1	RING
16	73062061	1	-	CARRIER ASSY. (Includes items 17 thru 22)
	73076684	-	1	CARRIER ASSY. (Includes items 17 thru 22)
17	-----	1	1	CARRIER (Order item 16)
18	73138133	8	8	WASHER
19	73076669	1	1	PINION SET (Consists of 4 pinions)
20	73047711	8	-	BEARING
	73076674	-	8	BEARING
21	73047712	4	4	SPACER
22	73047729	4	4	SPINDLE
23	73047730	1	1	LOCK
24	73047731	1	1	BEARING
25	-----	1	1	MEMBER ASSY. (See page 86)
26	-----	2	2	BALL
27	-----	2	2	RETAINER } Order item 10 or 28
28	73069336	1	1	KIT (Includes items 26, 27 and instruction sheet)



T-77376

REVERSE CLUTCH AND PLANETARY

*Transmission Model 4720-1

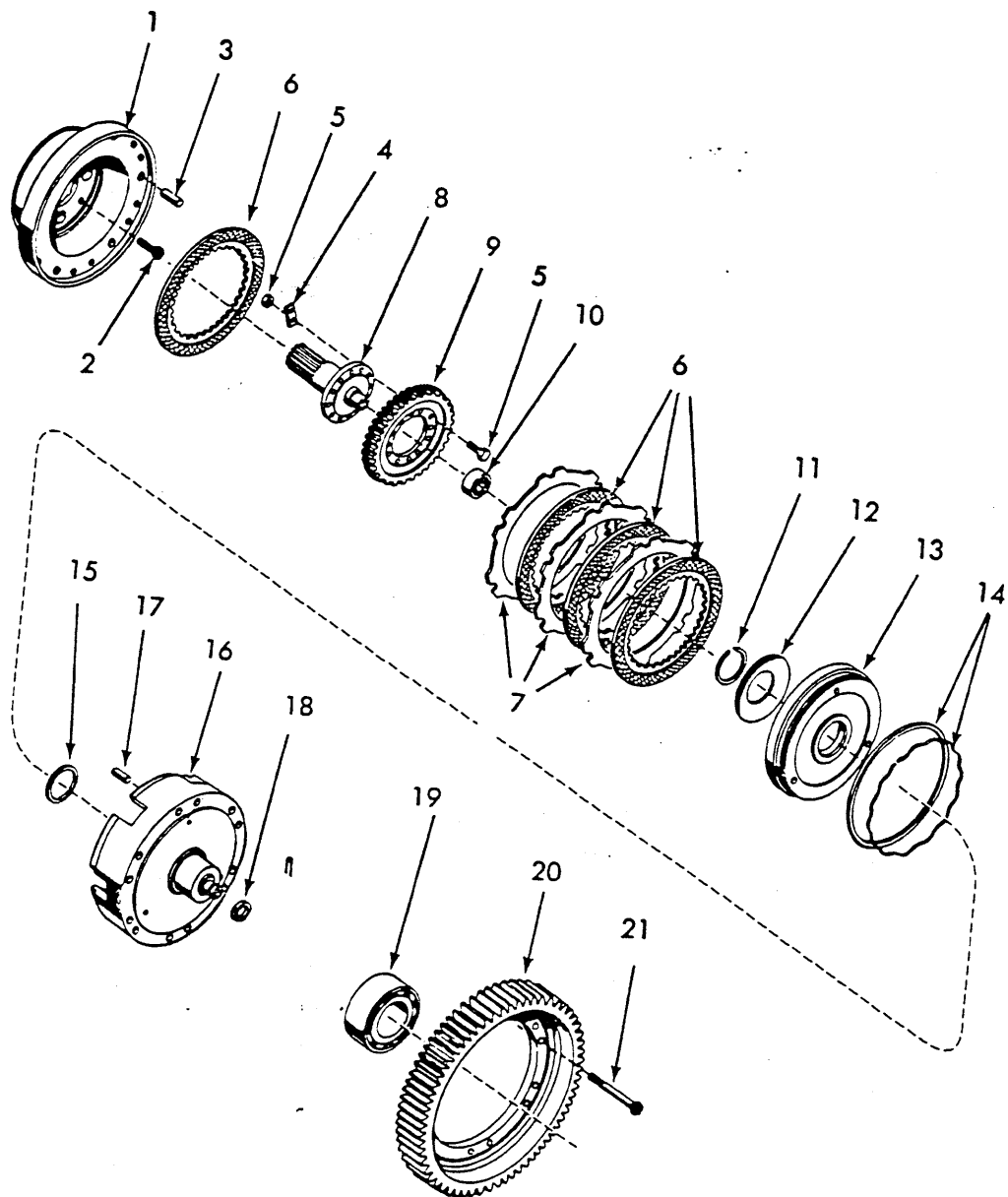
**Transmission Model 4721-1

ITEM	PART NO.	QTY.	DESCRIPTION
		* **	
1	73062027	1 1	ORING
2	73062026	1 1	ORING
3	73058793	1 1	ORING
4	73062055	1 1	PISTON ASSY. (Includes item 18 and 19)
5	73062078	6 6	PLATE, external splined
6	73077153	6 6	PLATE, internal splined
7	73062034	1 -	CARRIER ASSY., reverse clutch (Includes items 8 thru 13)
	73076683	- 1	CARRIER ASSY., reverse clutch (Includes items 1 thru 13)
8	-----	1 1	CARRIER (Order item 6)

(Continued)

REVERSE CLUTCH AND PLANETARY (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
		* **	
9	73047708	4 4	SPINDLE
	73047707	4 4	CAPSCREW
	73047706	4 4	WASHER
10	73138133	8 8	WASHER
11	73016699	1 1	PINION SET (Consists of 4 pinions)
12	73047711	8 -	BEARING
	73076674	- 8	BEARING
13	73047712	4 4	SPACER
14	73062036	1 1	ANCHOR ASSY. (Includes item 15)
15	73062038	8 8	PIN
16	73062039	15 15	PIN
17	73062040	15 15	SPRING
18	-----	2 2	BALL
19	-----	2 2	RETAINER } Order item 4 or 20
20	73069336	1 1	KIT (Includes item 18, 19 and instruction sheet)



T-77378

HIGH RANGE CLUTCH AND TRANSFER DRIVE GEAR

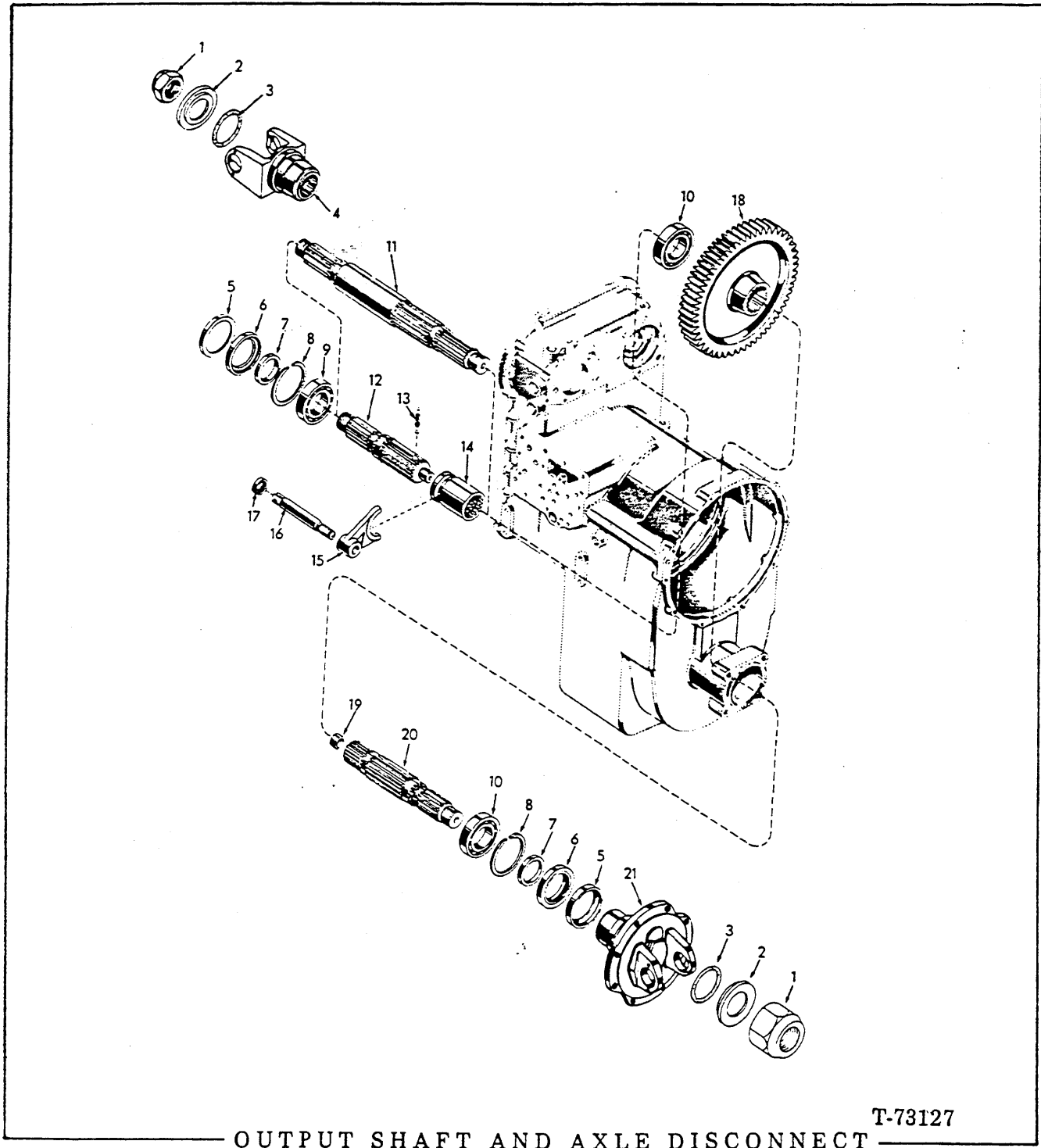
*Transmission Model 4720-1

**Transmission Model 4721-1

ITEM	PART NO.	QTY.	DESCRIPTION
		* **	
1	73047733	1 1	MEMBER ASSY. (Includes item 3)
2	73047734	4 4	CAPSCREW
3	73044404	6 6	PIN
4	73046029	6 6	□STRIP
5	73047737	12 12	CAPSCREW
	70910233	12 12	NUT
6	73076679	4 4	PLATE, internal splined
7	73058782	3 3	PLATE, external splined

(Continued)





T-73127

OUTPUT SHAFT AND AXLE DISCONNECT

- USAGE: * Transmission without rear axle disconnect.
 ** Transmission with rear axles disconnect (optional equipment)
 *** Transmission Model 4720-1
 **** Transmission Model 4721-1

ITEM	PART NO.	QTY.				DESCRIPTION
		*	**	***	****	
1	70924944	2	2	2	2	□ NUT

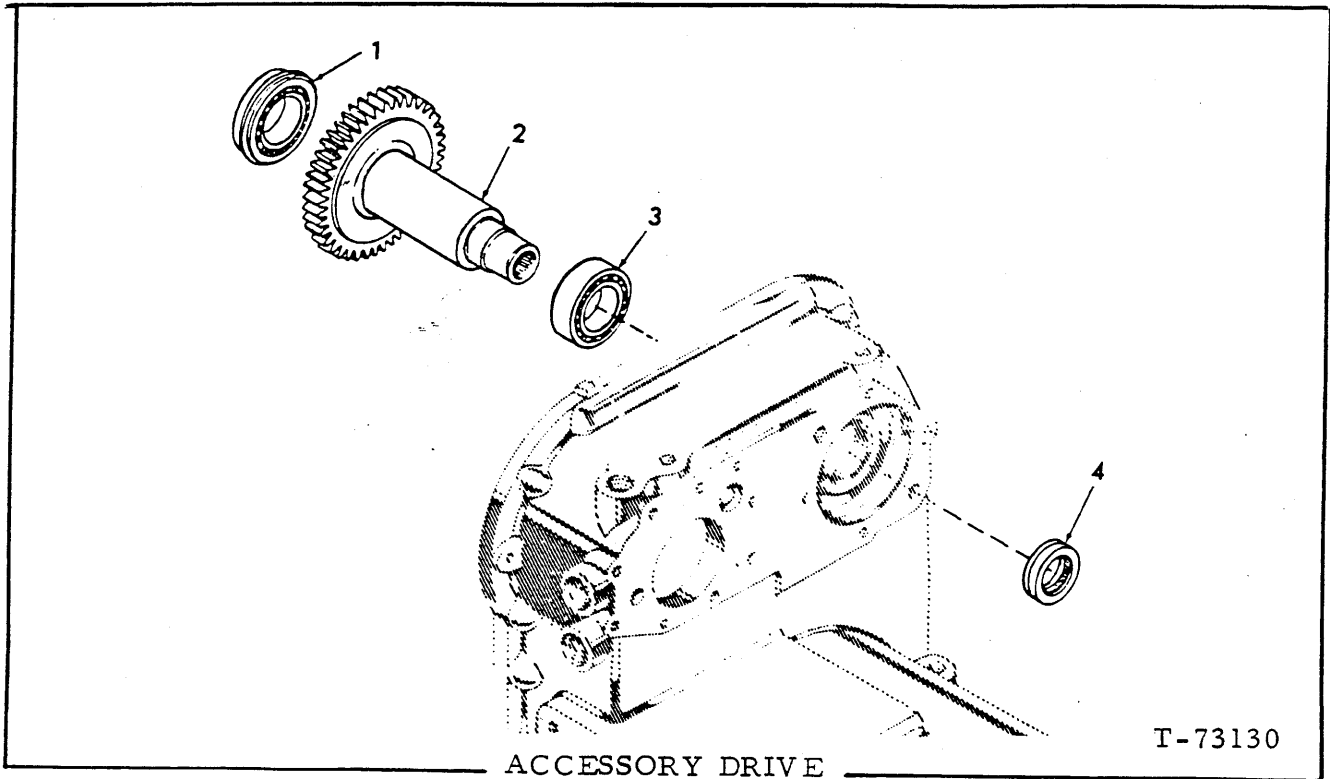
(Continued)

(REVISED FEBRUARY, 1985)

HIGH RANGE CLUTCH AND TRANSFER DRIVE GEAR (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
		* **	
8	73047736	1 1	SHAFT
9	73062024	1 1	HUB
10	73044457	1 1	BEARING
11	73035719	1 1	RING
12	73035739	1 1	SPRING
13	73062069	1 -	PISTON
	73076682	- 1	PISTON
14	73042151	1 -	□KIT, seal and expander
	73076675	- 1	SEAL
15	73035714	1 1	□RING (Hook type)
16	73062068	1 1	HUB ASSY. (Includes item 17)
17	73062016	3 3	PIN
18	73035745	1 1	□RING (Hook type)
19	73047739	1 1	BEARING
20	73048418	1 1	GEAR
21	73047740	12 12	CAPSCREW

□Also see page 9



T-73130

ACCESSORY DRIVE

*Transmission Model 4720-1

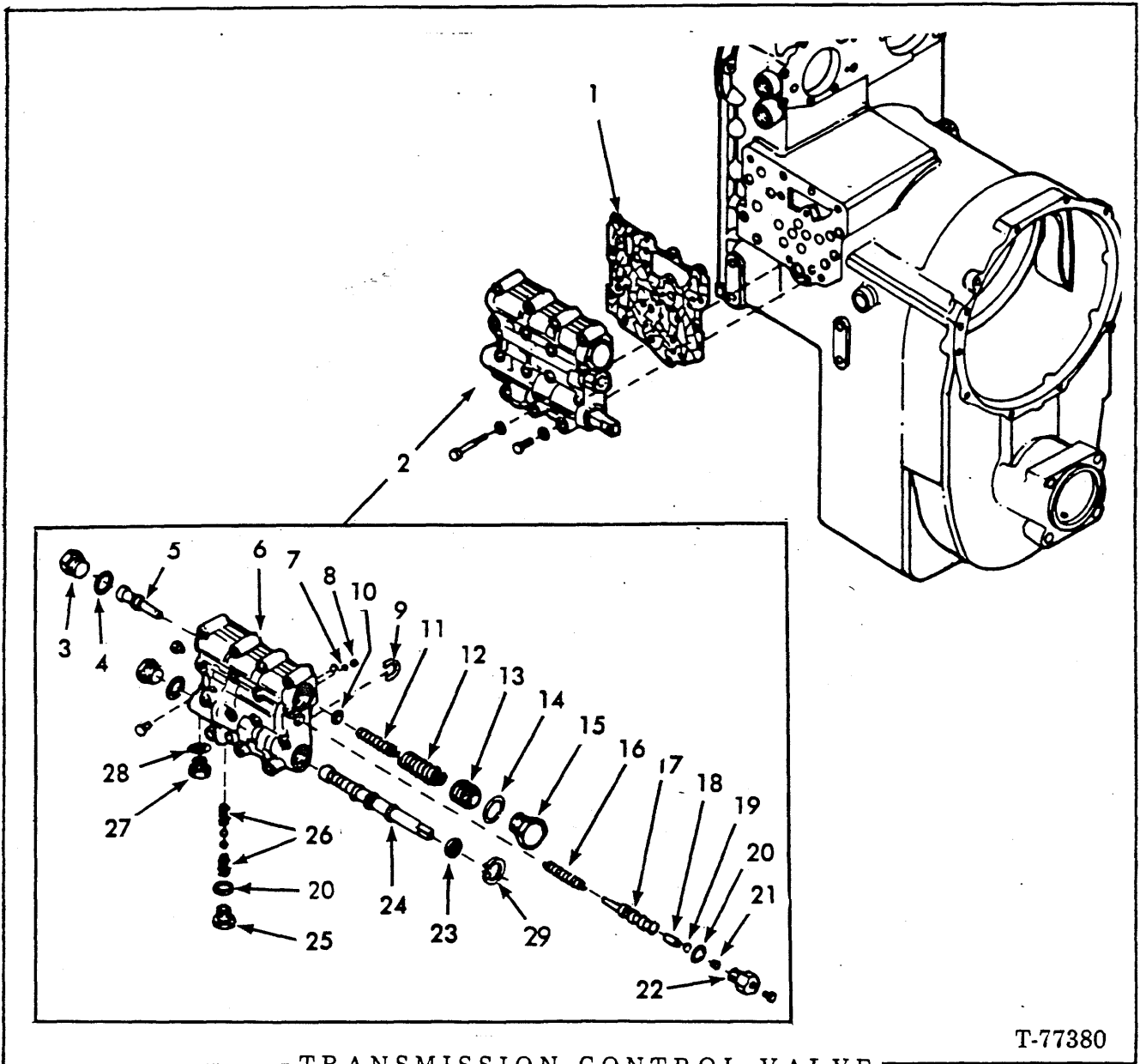
**Transmission Model 4721-1

ITEM	PART NO.	QTY.*	QTY.**	DESCRIPTION
1	73068363	1	1	BEARING
2	73065000	1	1	GEAR
3	73068364	1	1	BEARING
4	73026156	1	1	□SEAL

OUTPUT SHAFT AND AXLES DISCONNECT (Continued)

ITEM	PART NO.	QTY.				DESCRIPTION
		*	**	***	****	
2	73062042	2	2	2	2	WASHER
3	73062043	2	2	2	2	□ O-RING
4	73062065	1	1	1	1	YOKE
5	70194680	2	2	2	2	SLINGER
6	70194679	2	2	2	2	□ SEAL
7	73047746	2	2	2	2	SPACER
8	73021060	1	2	1	1	RING
9	70194533	1	1	1	1	BEARING
10	73047749	1	-	1	-	BEARING
	73138132	-	-	-	1	BEARING
	70194533	-	2	2	2	BEARING
11	73062044	-	1	1	1	SHAFT
12	73062045	-	1	1	1	SHAFT
13	73047770	-	1	1	1	SPRING
	70915905	-	2	2	2	BALL, 3/8"
14	73047771	-	1	1	1	COUPLING
15	73047772	-	1	1	1	FORK
16	73035864	-	1	1	1	SHAFT
17	73021053	-	1	1	1	□ SEAL
18	73062070	1	1	1	1	GEAR
19	73021094	-	1	1	1	BUSHING
20	73062047	-	1	1	1	SHAFT ASSY(includes item 19)
21	73062066	1	1	1	1	YOKE

(REVISED FEBRUARY, 1985)



T-77380

TRANSMISSION CONTROL VALVE

USAGE: * Transmission Model 4720-1
 ** Transmission Model 4721-1

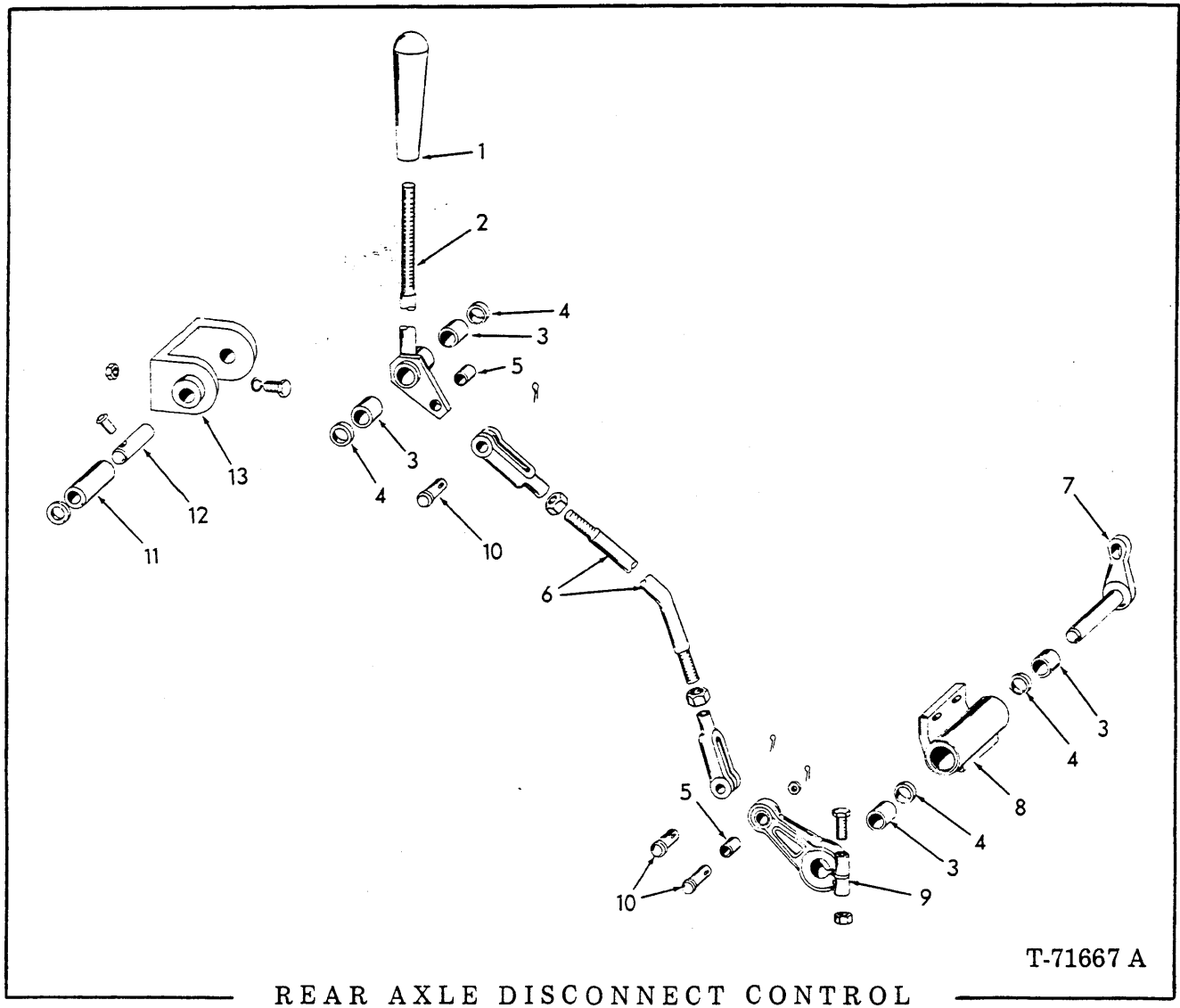
ITEM	PART NO.	QTY.	DESCRIPTION
		* **	
1	73048782	1 1	□ GASKET
2	73135794	1 -	VALVE ASSY(includes items 3 thru 28)
	73143068	- 1	VALVE ASSY(includes items 3 thru 28)
	70916271	1 1	CAPSCREW, 3/8"NC X 1"
	70912069	15 15	CAPSCREW, 3/8"NC X 2-1/2"
	70904206	16 16	LOCKWASHER
3	73044473	2 2	PLUG
4	73044474	2 2	□ GASKET
5	73048836	1 -	VALVE(Prior to Trans s/n 13216)
	73075030	1 1	VALVE(Trans s/n 13216 and up)

(REVISED FEBRUARY, 1985)

TRANSMISSION CONTROL VALVE (Continued)

ITEM	PART NO.	QTY.		DESCRIPTION
		*	**	
6	73138364	1	-	BODY
	73143059	-	1	BODY
	70919134	2	2	PLUG
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	73062720	1	1	VALVE
18	73031846	1	1	PLUG
19	73021058	1	1	□RING
20	73044489	2	2	□GASKET
21	73031847	1	1	□CUP
	70919134	1	-	PLUG
22	73131933	-	1	PLUG
23	73063376	1	1	□SEAL
24	73062076	1	-	VALVE
	73138192	-	1	VALVE
25	73044493	1	1	PLUG
26	73062021	2	-	SPRING
	73077783	-	2	SPRING
	70917580	2	2	BALL, DETENT, 1/2"DIA
27	73063379	1	1	PLUG
28	73063378	1	1	WASHER
29	73050550	-	1	RING, SNAP

(REVISED FEBRUARY, 1985)



REAR AXLE DISCONNECT CONTROL

T-71667 A

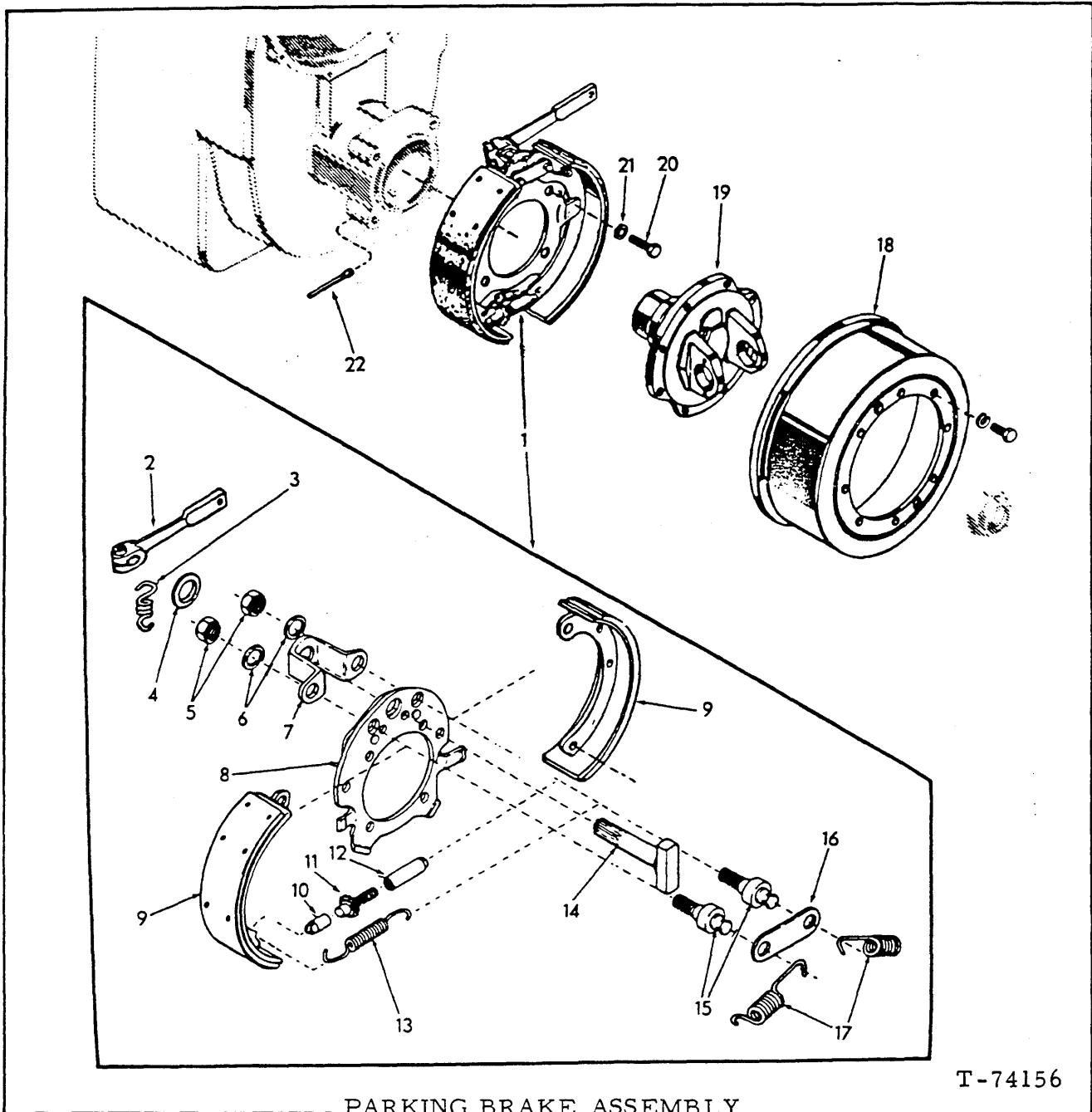
USAGE: Special Equipment

ITEM	PART NO.	QTY.	DESCRIPTION
1	73041952	1	GRIP
2	73059146	1	LEVER ASSY. (Includes half Qty. of items 3, 4, 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
7	73050123	1	LEVER
	70905122	1	KEY, 1/8" x 3/4"
8	73047149	1	BRACKET ASSY. (includes half Qty. of items 3 and 4)
	70916271	2	CAPSCREW, 3/8" NC x 1"
	70910287	2	LOCKWASHER, 3/8"

(Continued)

REAR AXLE DISCONNECT CONTROL (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
9	73050124	1	LEVER ASSY., cross-over shaft (includes Qty. 1 of 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, 1/2"
11	73020886	1	SPACER
	70910255	1	WASHER, 3/4"
12	73017119	1	SHAFT
	70916937	1	PIN, 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



T-74156

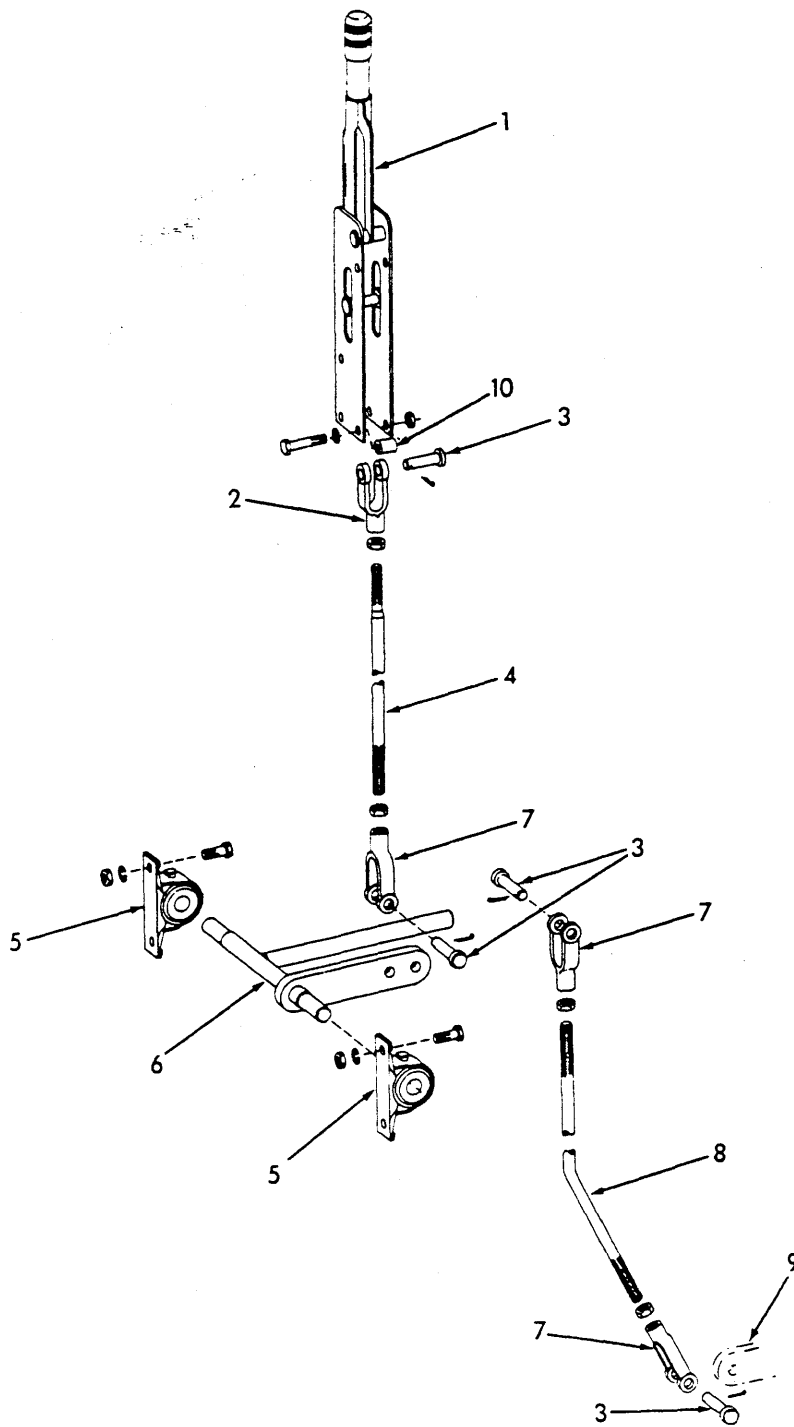
*Transmission Model 4720-1
 **Transmission Model 4721-1

ITEM	PART NO.	QTY.	DESCRIPTION
		* **	
1	73066455	1 1	BRAKE AND LEVER ASSY. (Includes items 2 thru 17)
2	73104653	1 1	LEVER
3	73104655	1 1	SPRING
4	73104656	1 1	WASHER
5	73104657	2 2	NUT
6	70919332	2 2	LOCKWASHER, 3/4"
7	73104658	1 1	BRACKET

(Continued)

PARKING BRAKE ASSEMBLY (Continued)

ITEM	PART NO.	QTY.		DESCRIPTION
		*	**	
8	73104659	1	1	PLATE
9	73104664	2	2	SHOE AND LINING
10	73104660	1	1	SOCKET
11	73104661	1	1	SCREW
12	73104662	1	1	NUT
13	73104663	1	1	SPRING
14	73104665	1	1	CAMSHAFT
15	73104666	2	2	PIN
16	73104667	1	1	BRACE
17	73104668	2	2	SPRING
18	73047763	1	1	DRUM
	70914875	8	8	CAPSCREW, 1/2"NF x 1"
	70912441	8	8	LOCKWASHER, 1/2"
19	-----	1	1	YOKE (See page 88)
20	73047762	4	4	CAPSCREW
21	73047761	4	4	LOCKWASHER
22	73047765	1	1	TUBE
-	73055085	1	1	LINING KIT (Includes 2 Lining and 24 Rivets)



T-74193

PARKING BRAKE CONTROL

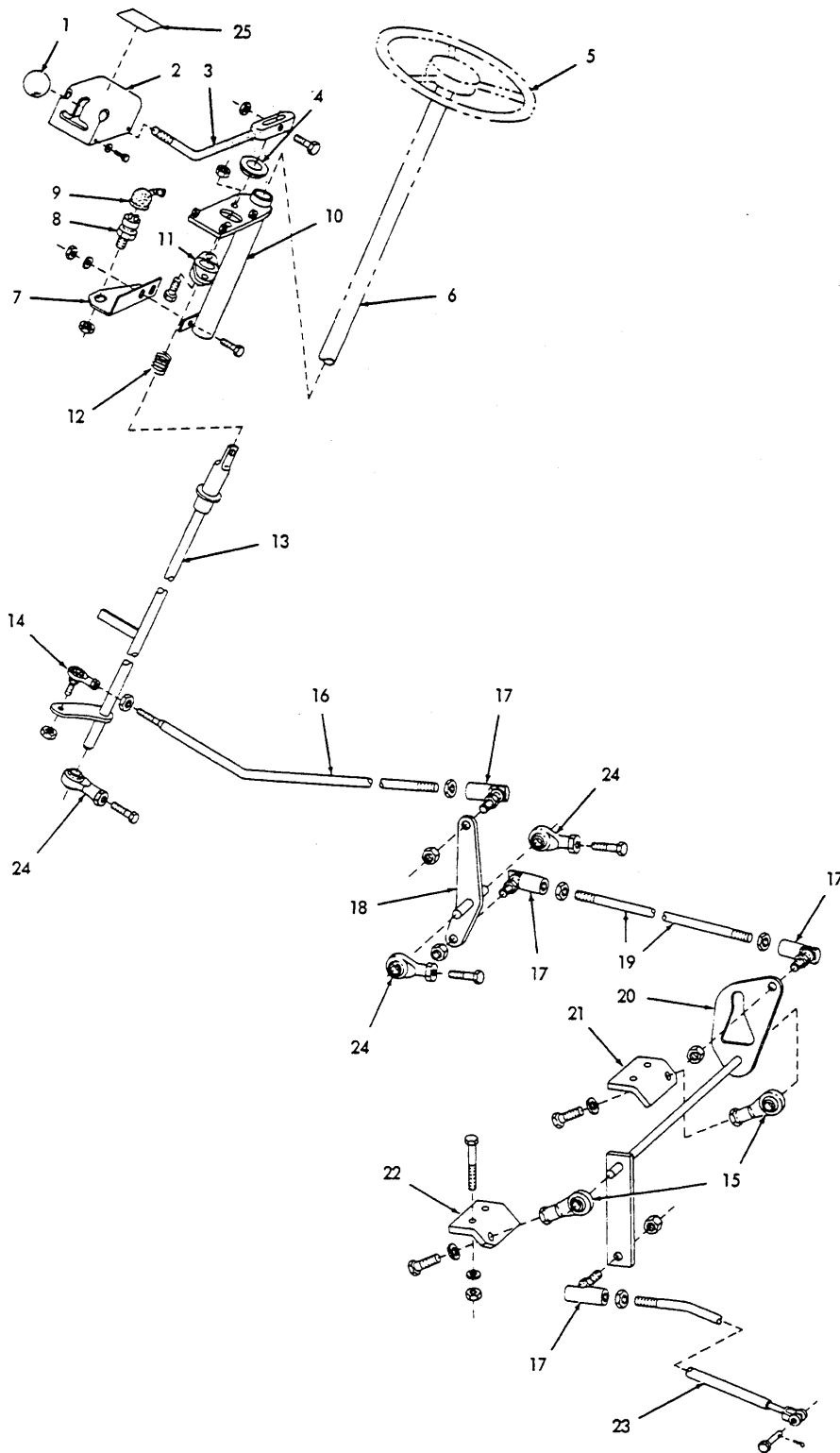
ITEM	PART NO.	QTY.	DESCRIPTION
1	74722511	1	LEVER ASSY. (Serviced only as a unit)
	70922286	1	CAPSCREW, 5/16" NC x 1-3/4"
	70911025	1	NUT, 5/16" NC
	70922287	1	CAPSCREW, 3/8" NC x 1-3/4"
	70911026	1	NUT, 3/8"

(Continued)

(Revised July 1979)

PARKING BRAKE CONTROL (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
2	70917663	1	YOKE, 5/16" thd.
	70910980	1	NUT, 5/16" NF
3	70917648	4	PIN, yoke, 1/2"
	70900806	4	PIN, cotter, 1/8" x 1"
4	73048259	1	ROD
5	70199933	2	BEARING
	70921566	4	CAPSCREW, 5/16" NC x 1"
	70677005	4	WASHER
	70911025	4	NUT, 5/16" NC
6	73048264	1	LEVER, weld assy.
7	70917666	3	YOKE, 1/2" thd.
	70913177	3	NUT, 1/2" NF
8	73065296	1	ROD
9	.....	1	LEVER (see page 96)
10	73071690	2	SPACER

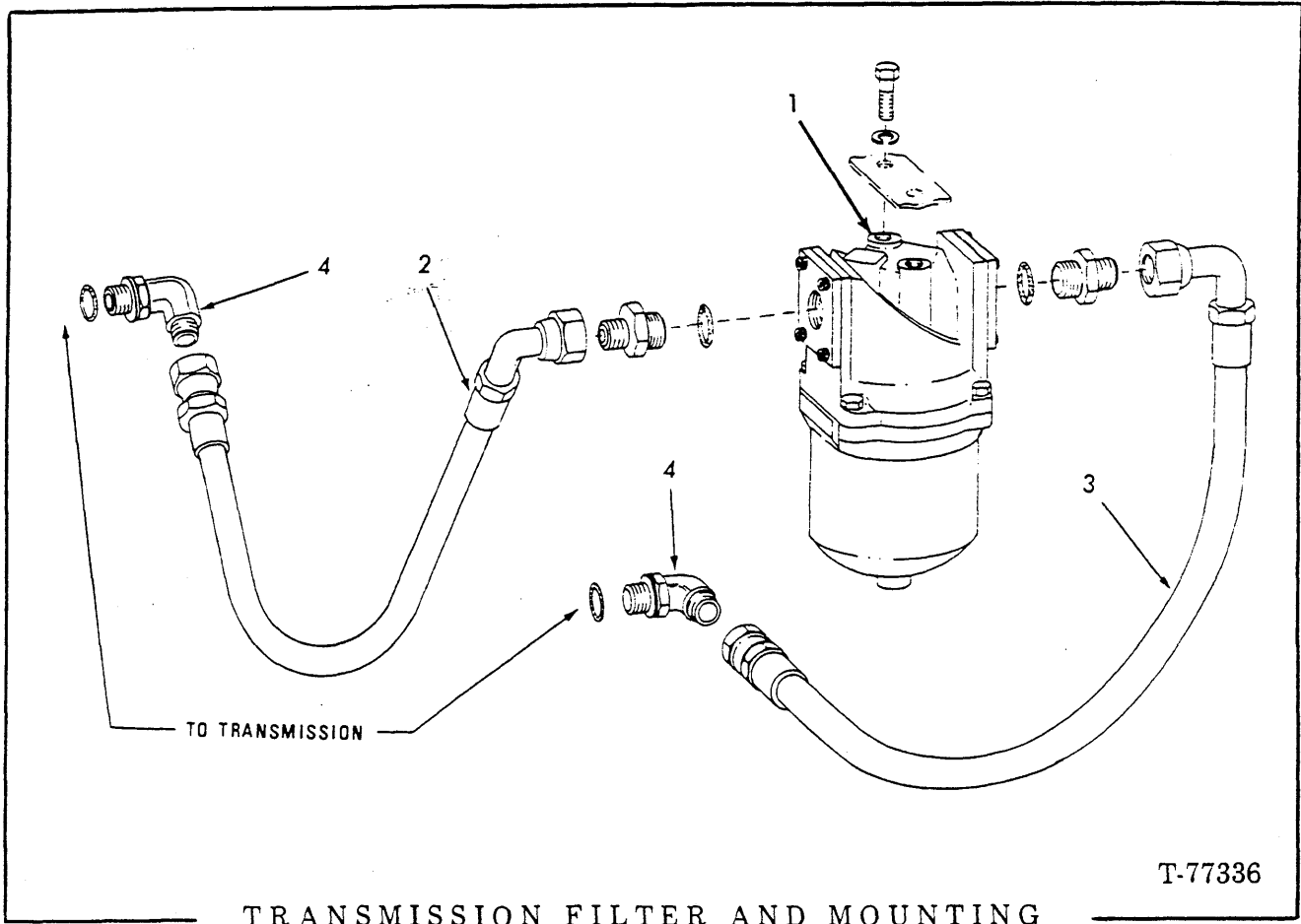


TRANSMISSION SHIFT LINKAGE

T-80346

TRANSMISSION SHIFT LINKAGE

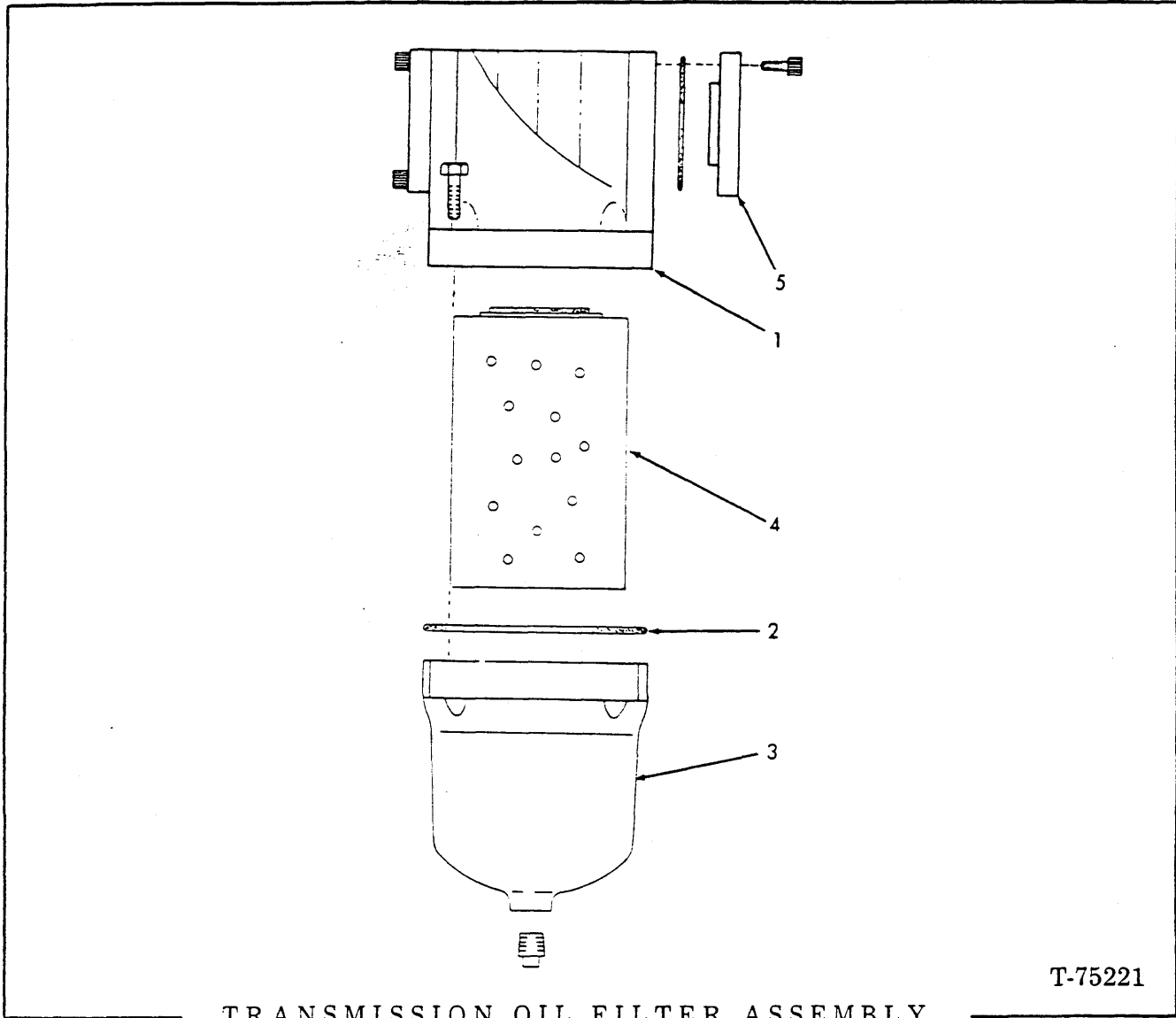
ITEM	PART NO.	QTY.	DESCRIPTION
1	73001171	1	KNOB
2	73053306	1	COVER (2-speed forward, 1-reverse)
	73053524	1	COVER (2-speed forward, 2-reverse)
	70928182	3	CAPSCREW, 1/4" NC x 1/2"
3	70677004	3	WASHER
	73053224	1	LEVER
	70920995	1	CAPSCREW, 3/8" NF x 2"
4	70911026	1	NUT, 3/8" NF
	73048860	1	WASHER
	-----	1	WHEEL (see page 141)
6	-----	1	GEAR ASSY. (see page 143)
7	73063995	1	PLATE
8	73057506	1	SWITCH (includes mounting nuts)
9	73061193	1	BOOT
10	73063970	1	BRACKET, weld assy.
	70921076	2	CAPSCREW, 3/8" NC x 1-1/4"
	70677006	2	WASHER
	70911026	2	NUT, 3/8" NC
11	73053308	1	BEARING ASSY. (includes FITTING below)
	70922763	2	CAPSCREW, 3/8" NF x 1"
	70911026	2	NUT, 3/8" NF
	70914465	1	FITTING, lube, 1/8" NPT
12	73057766	1	SPRING
13	73067228	1	LEVER
14	70653570	1	JOINT, ball, 3/8" NF
	70910329	1	NUT, jam, 3/8" NF
	70906515	1	NUT, heavy, 3/8" NF
15	70683291	2	BEARING
	70923884	2	CAPSCREW, 5/8" NF x 1-1/2"
	70677010	2	WASHER
16	73048113	1	ROD
17	70925042	4	JOINT, ball, 1/2" NF
	70913177	7	NUT, jam, 1/2" NF
	70906403	1	NUT, heavy, 1/2" NF
18	73048128	1	LEVER
19	73020748	1	ROD
20	73048124	1	LEVER
21	73048708	1	BRACKET
	70928043	2	CAPSCREW, 5/8" NF x 3-1/2"
	70677010	2	WASHER
	70911029	2	NUT, 5/8" NF
22	73048707	1	BRACKET
	70928043	2	CAPSCREW, 5/8" NC x 3-1/2"
	70677010	2	WASHER
	70911029	2	NUT, 5/8" NC
23	73048109	1	ROD
	70917646	1	PIN, 3/8"
	70918448	1	PIN, cotter, 3/32" x 1"
24	70683291	3	END, 5/8" NF
	70929138	3	CAPSCREW, 5/8" NF x 1-1/4"
25	73066816	1	DECAL, shift instruction



TRANSMISSION FILTER AND MOUNTING

T-77336

ITEM	PART NO.	QTY.	DESCRIPTION
1	73065137	1	FILTER ASSY. (see page 103)
	70920582	2	CAPSCREW, 1/2" NC x 1-1/4"
	70677008	2	WASHER
2	73063892	1	HOSE ASSY. (29" long)(serviced only as an assy.)
	70923174	1	CONNECTOR, 1" tube, 1-1/16" x 1-5/16" str. thd. (includes O- RING indented below)
	70921206	1	O-RING
3	73063896	1	HOSE ASSY. (25" long)(serviced only as an assy.)
	70923174	1	CONNECTOR, 1" tube, 1-1/16" x 1-5/16" str. thd. (includes O-RING indented below)
	70921206	1	O-RING
4	70921227	2	ELBOW, 1" tube, 1-5/16" str. thd. (each includes 1 O-RING indented below)
	70921214	2	O-RING



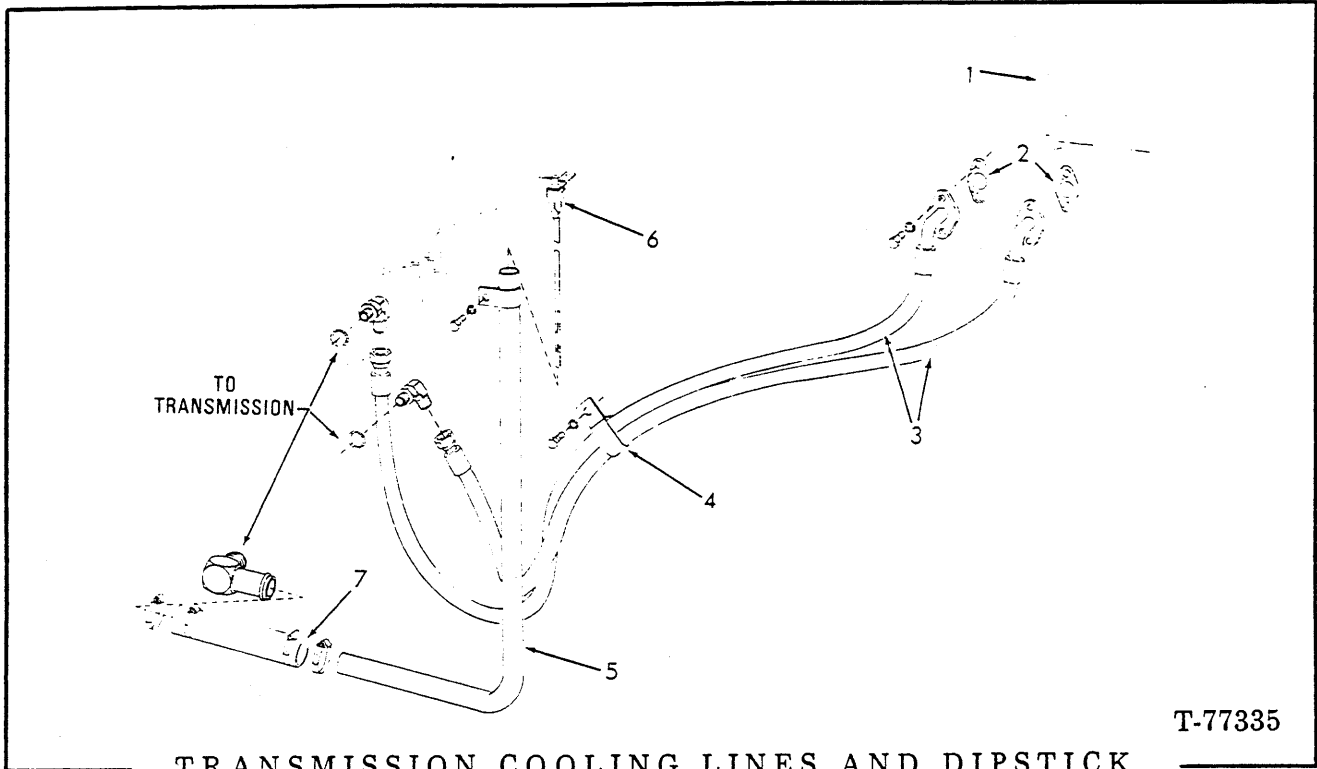
T-75221

TRANSMISSION OIL FILTER ASSEMBLY

USAGE: See page 102.

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

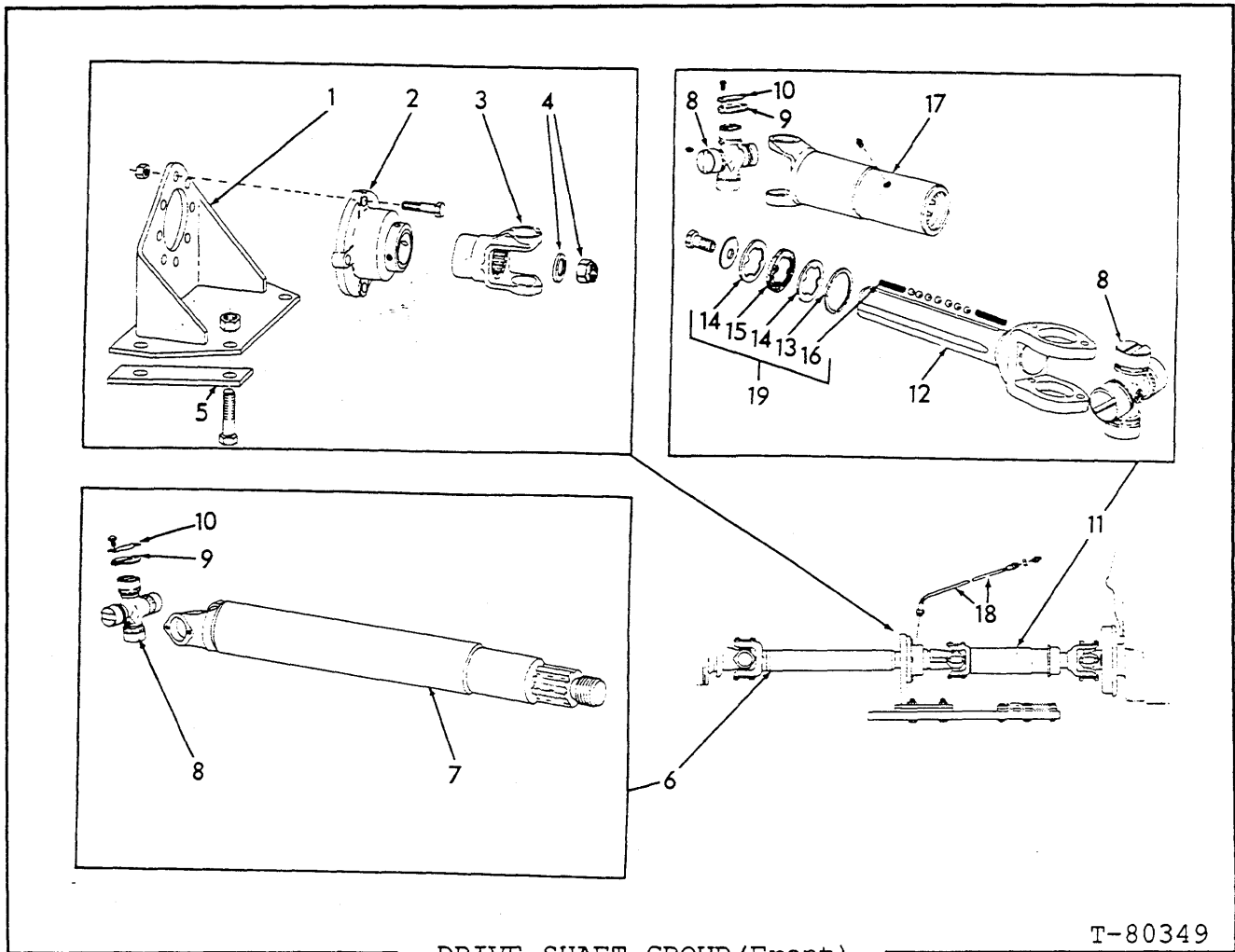
ITEM	PART NO.	QTY.	DESCRIPTION
-	73065137	1	FILTER ASSY. (includes items 1 thru 5)
1	73065358	1	HEAD ASSY. (includes O-RING indented below)
	70923584	2	O-RING
	70920648	4	CAPSCREW, 7/16" NC x 2"
	70929247	4	WASHER, 15/32"
2	70666244	1	SEAL
3	73065357	1	HOUSING (includes PLUG indented below)
	70901653	1	PLUG, 3/8" NPT
4	70679513	1	ELEMENT KIT (includes Element and item 2)
5	73065359	2	ADAPTER ASSY. (each includes half Qty. of items indented below)
	70922996	8	CAPSCREW, skt., hd., 5/16" NC x 1"
	70923584	2	O-RING



T-77335

TRANSMISSION COOLING LINES AND DIPSTICK

ITEM	PART NO.	QTY.	DESCRIPTION
1	-----	1	HEAT EXCHANGER (see page 36)
2	74335578	2	GASKET
3	73050034	2	HOSE ASSY. (serviced only as a unit)
	70927485	4	CAPSCREW, 7/16" NC x 1"
	70922632	2	ELBOW, 3/4" tube, 1-5/16" str. thd. (includes O-RING indented below)
	70921214	2	O-RING, 1" tube
4	73055272	1	CLAMP
	70921556	1	CAPSCREW, 1/2" NC x 2"
	70928460	1	WASHER, 1/2"
5	73050475	1	TUBE ASSY. (includes 1 CLAMP 73054784)
	70927400	1	CAPSCREW, 3/8" NC x 5/8"
	70677006	1	WASHER
6	73104692	1	DIPSTICK
7	73048614	1	HOSE
	70921912	4	CLAMP, 1-1/16" to 2"
	70925092	1	NIPPLE, elbow, 1-1/4" NPTF



DRIVE SHAFT GROUP (Front)

T-80349

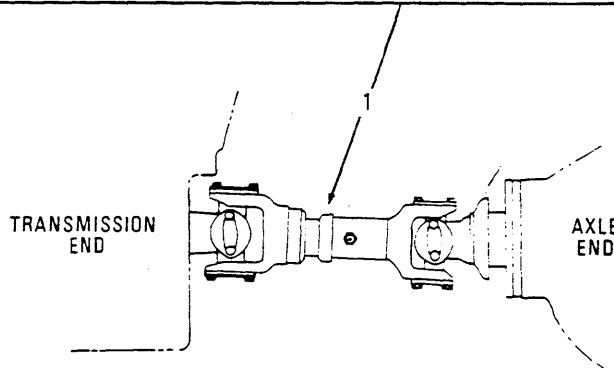
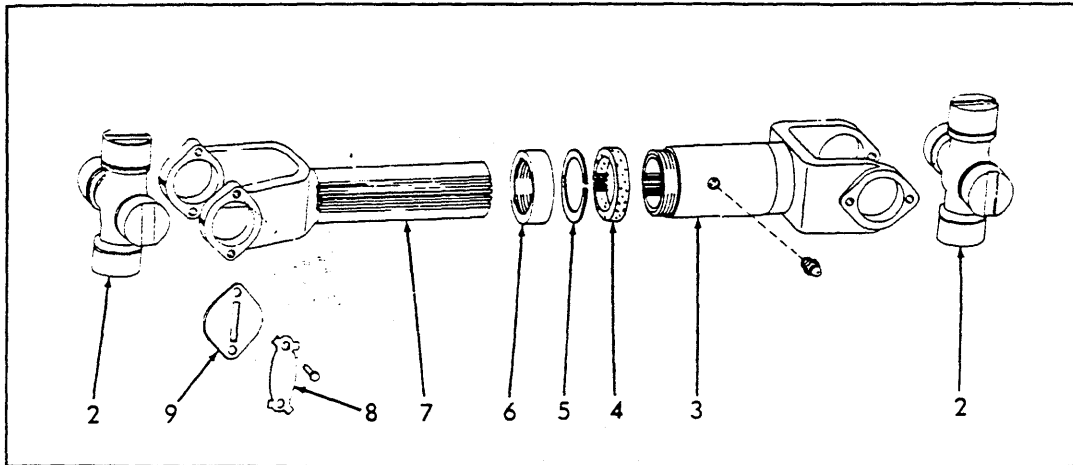
ITEM	PART NO.	QTY.	DESCRIPTION
1	73057571	1	BRACKET
	70922673	4	CAPSCREW, 3/4"NC X 4-1/2"
	70911030	4	NUT, 3/4"NC
2	73057071	1	BEARING (Includes lube fitting)
	70921174	4	CAPSCREW, 5/8"NC X 2-1/2"
	70914501	4	NUT, 5/8"NC
3	-----	1	YOKE (See page 107B)
4	73022056	1	WASHER
	70921140	1	LOCKNUT, 1-1/4"NF
5	73054500	2	BAR
6	-----	1	SHAFT ASSY. (Includes items 7-10) (See page 107A)
7	-----	1	YOKE, TUBE and STUB ASSY. (Order item 6)
8	73038633	3	CROSS ASSY. (Includes bearings, cups, items 9, 10 and FITTING below)
	70915276	3	FITTING, 90°, 1/8"NPTF
9	73038627	12	PLATE
10	73038626	12	PLATE
	70911169	24	CAPSCREW, 5/16"NF X 5/8"
11	-----	1	SHAFT ASSY. (Incl. items 8-10, 12-17) (See page 107C)

(Continued)

(Revised February, 1988)

DRIVE SHAFT GROUP (FRONT) (Continued)

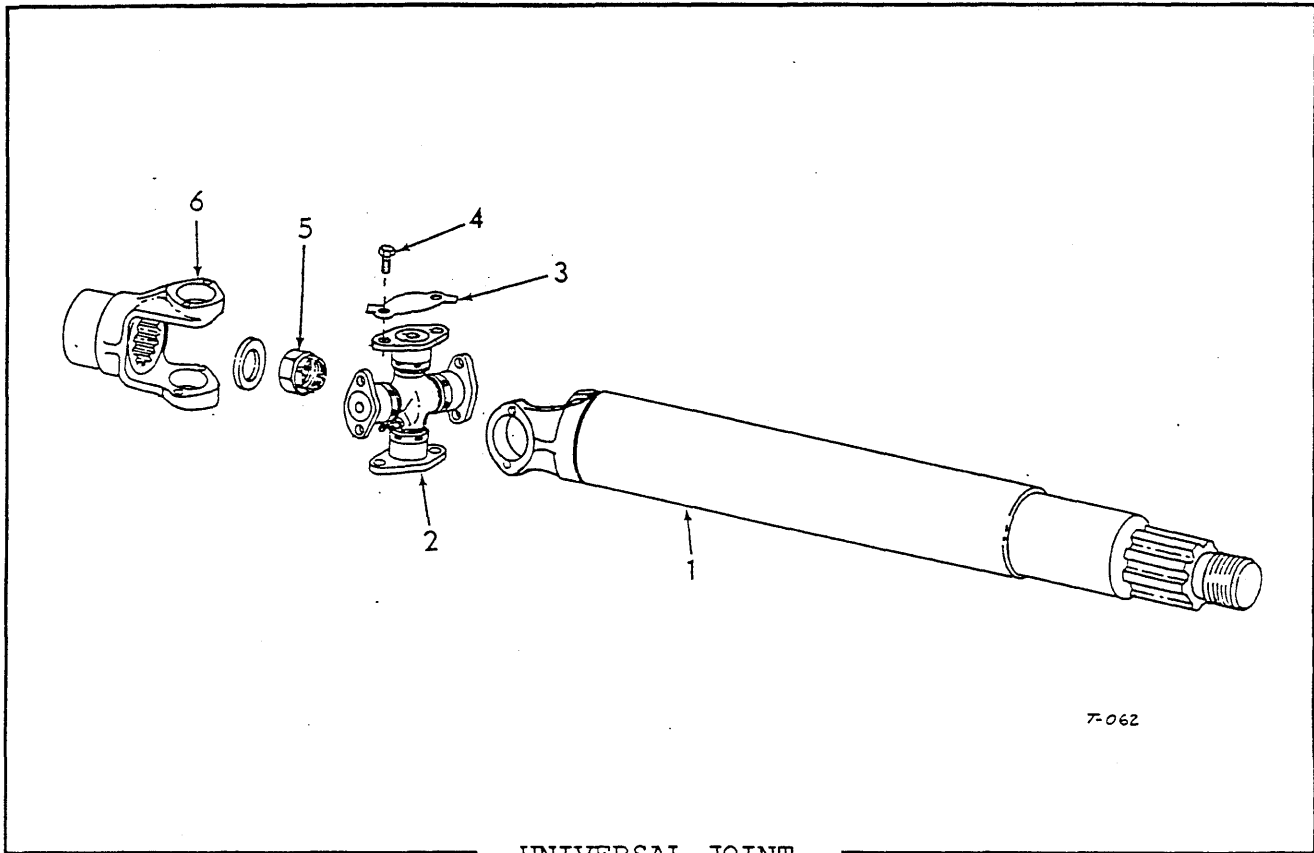
ITEM	PART NO.	QTY.	DESCRIPTION
12	73057395	1	YOKE
	70928314	1	CAPSCREW, 7/16" NF x 3/4"
	70928313	1	WASHER, 1/2"
13	70928315	1	RING
14	73057401	2	WASHER
15	73057399	1	SEAL
16	73043522	8	SPRING
	70924068	28	BALL, 7/16" dia.
17	73057398	1	YOKE
	70928347	1	FITTING, lube, 1/8" NPT
18	73066604	1	HOSE ASSY. (serviced only as an assy.)
	70933010	1	LOCKNUT
	70912808	1	FITTING, lube, 1/4" NPTF
19	73057400	1	ROLL ASSY. (includes items 13, 14, 15 and 16)



T-74176

DRIVE SHAFT (REAR)

ITEM	PART NO.	QTY.	DESCRIPTION
1	-----	1	SHAFT ASSY. (includes items 2 thru 9) (See page 107D)
2	73038633	2	CROSS ASSY. (Includes bearings, fitting and items 8 and 9)
3	73057686	1	YOKE
	70914465	1	FITTING, lube, 1/8" PTF
4	73047023	1	WASHER
5	73038843	1	WASHER
6	73038844	1	CAP
7	73057687	1	YOKE
8	73038626	8	PLATE
	70911169	16	CAPSCREW, 5/16" NF x 5/8"
9	73038627	8	PLATE

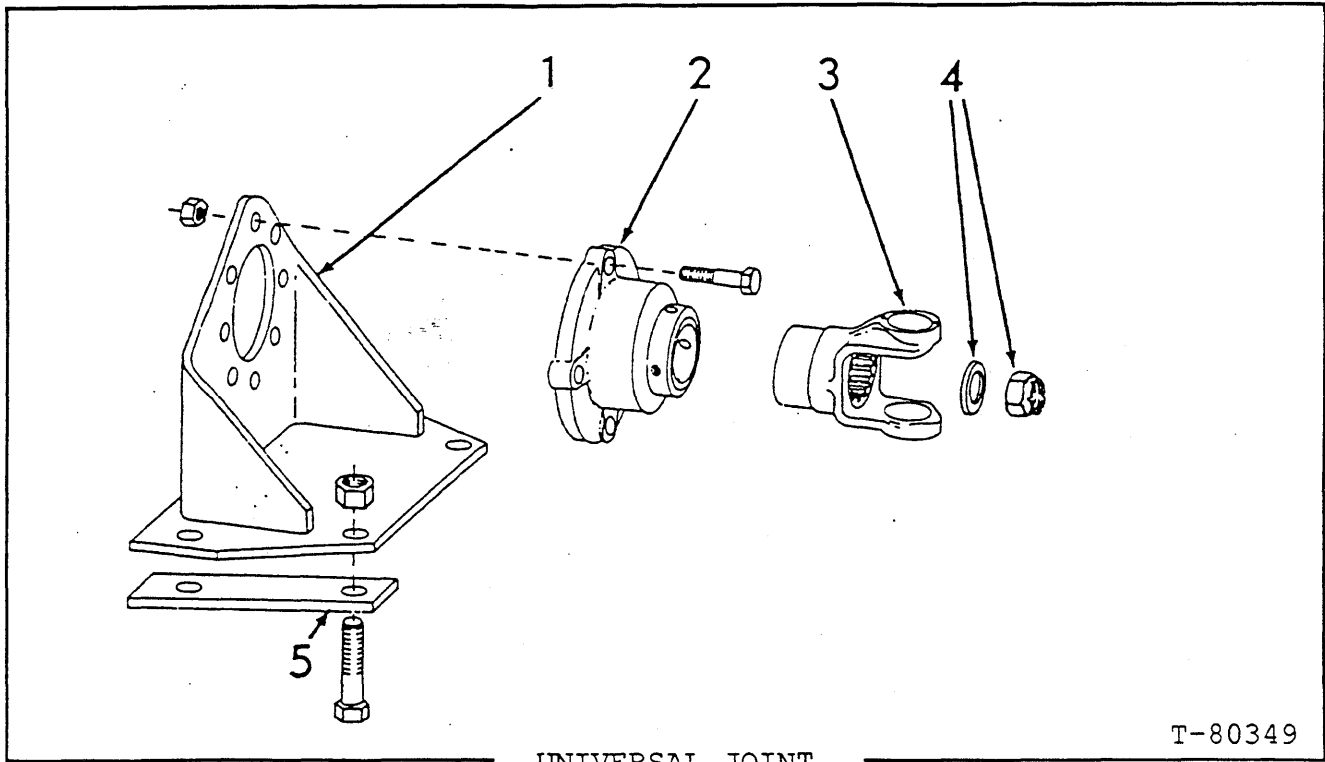


UNIVERSAL JOINT

ITEM	PART NO.	QTY.	DESCRIPTION
1	73145773	1	* SHAFT (Includes items 2-4)
2	73146599	1	SPIDER
	-----	1	FITTING, lubrication (Includes items 3,4)
3	-----	4	LOCKPLATE
4	-----	8	CAPSCREW
5	-----	8	NUT (See page 113)
6	73145778	1	YOKE

*When new shaft is installed for the first replacement it requires a new yoke, item 6.

(Added February, 1988)



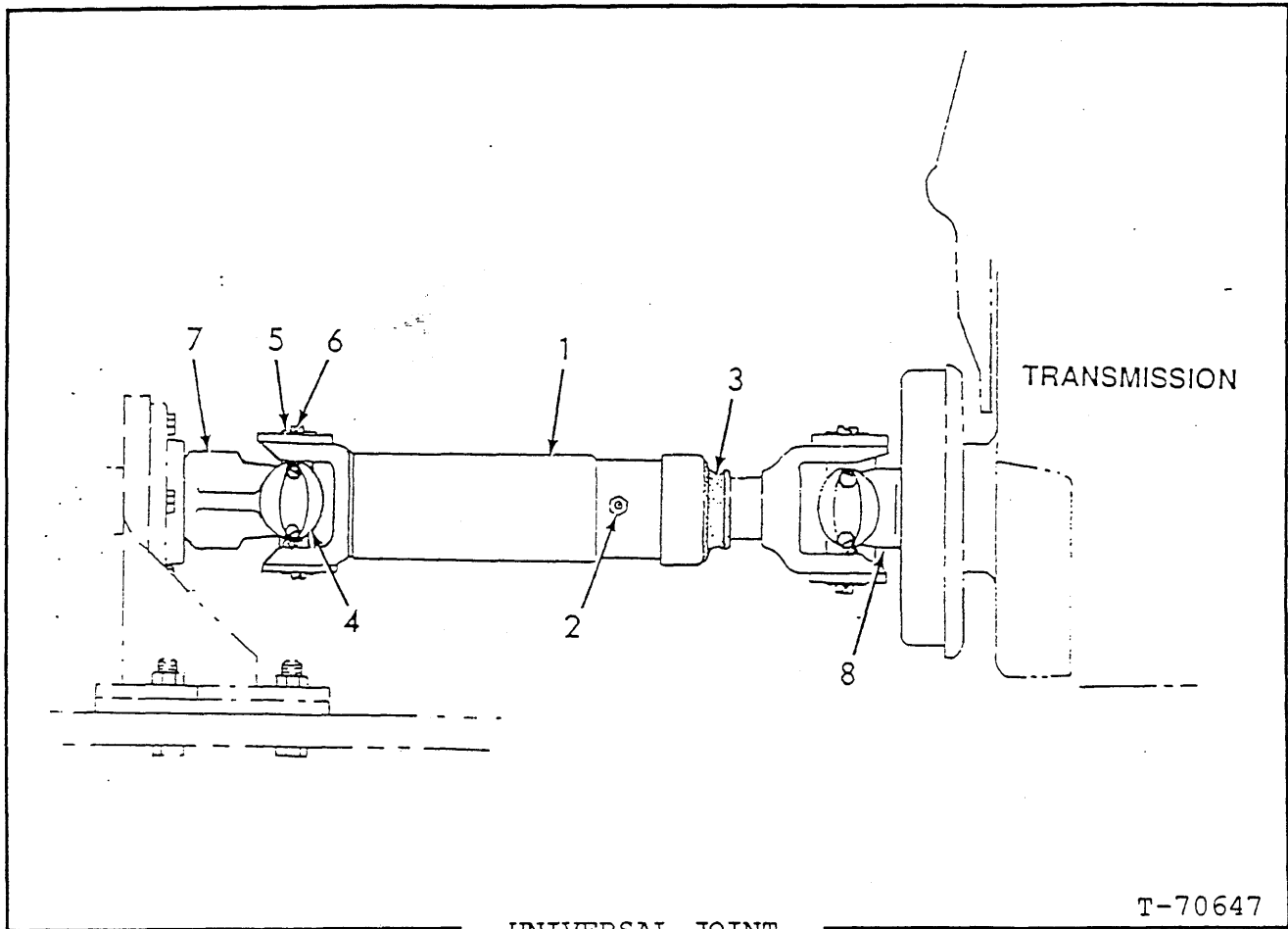
UNIVERSAL JOINT

T-80349

ITEM	PART NO.	QTY.	DESCRIPTION
1	-----	1	BRACKET (See page 105)
2	-----	1	BEARING (See page 105)
3	73145774	1	*YOKE
4	-----	1	LOCKNUT (See page 105)
5	-----	1	BAR (See page 105)

*When new yoke is installed for the first replacement, it requires a new Shaft and Yoke (See page 107C) on Transmission.

(Added February, 1988)



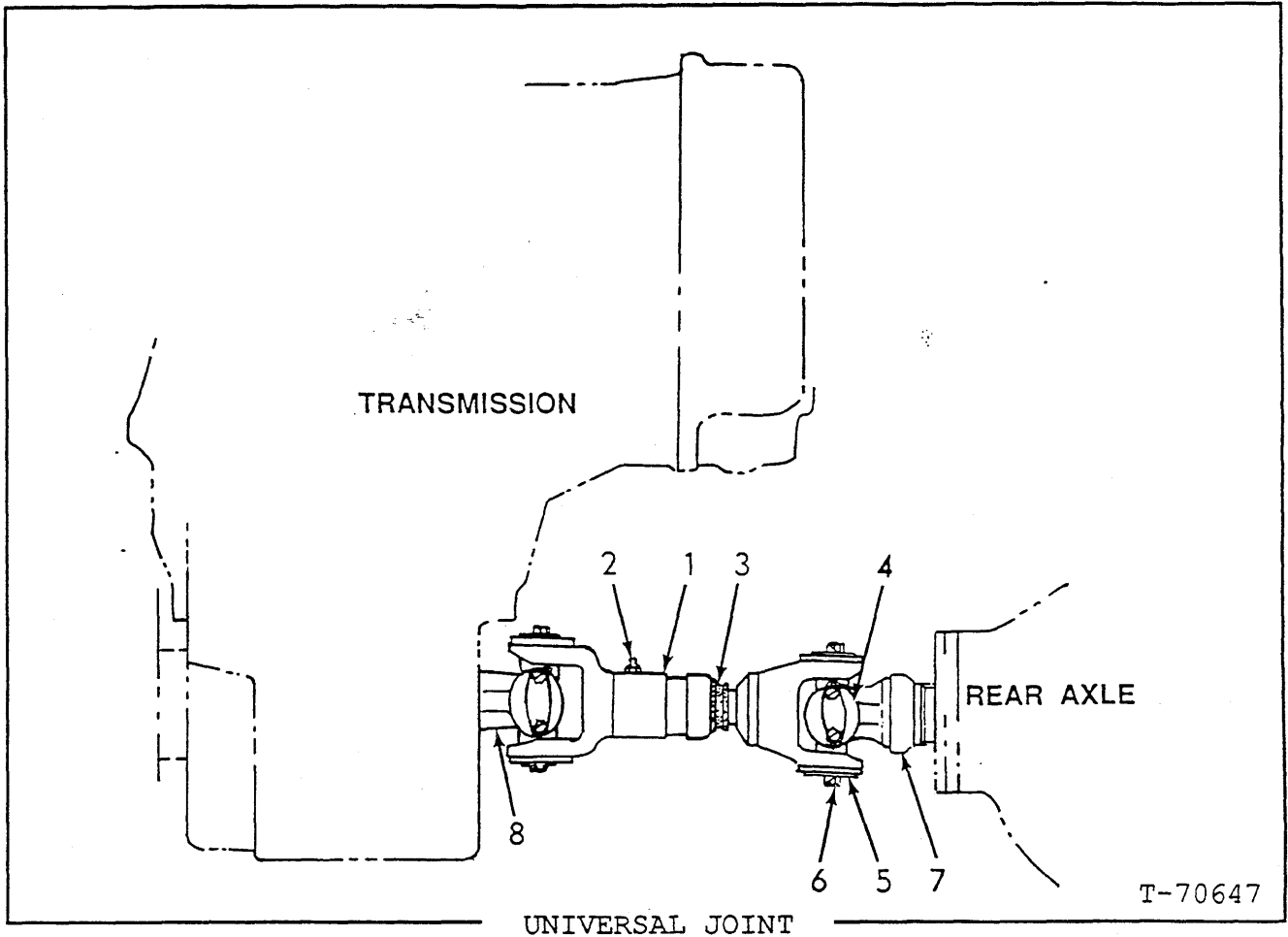
UNIVERSAL JOINT

T-70647

ITEM	PART NO.	QTY.	DESCRIPTION
1	73145772	1	* SHAFT (Includes items 2-6)
2	70914465	1	FITTING, lubrication
3	73146600	1	SEAL
4	73146599	2	SPIDER (Includes items 5,6)
	-----	2	FITTING, lubrication
5	-----	8	LOCKPLATE
6	-----	16	CAPSCREW
7	-----	1	YOKE (See page 107B)
8	73145777	1	YOKE
	-----	1	O-RING (See page 88)
	-----	1	WASHER (See page 88)
	-----	1	LOCKNUT (See page 88)

*When new shaft is installed for the first replacement, it requires a new yoke, item 7 and yoke, item 8.

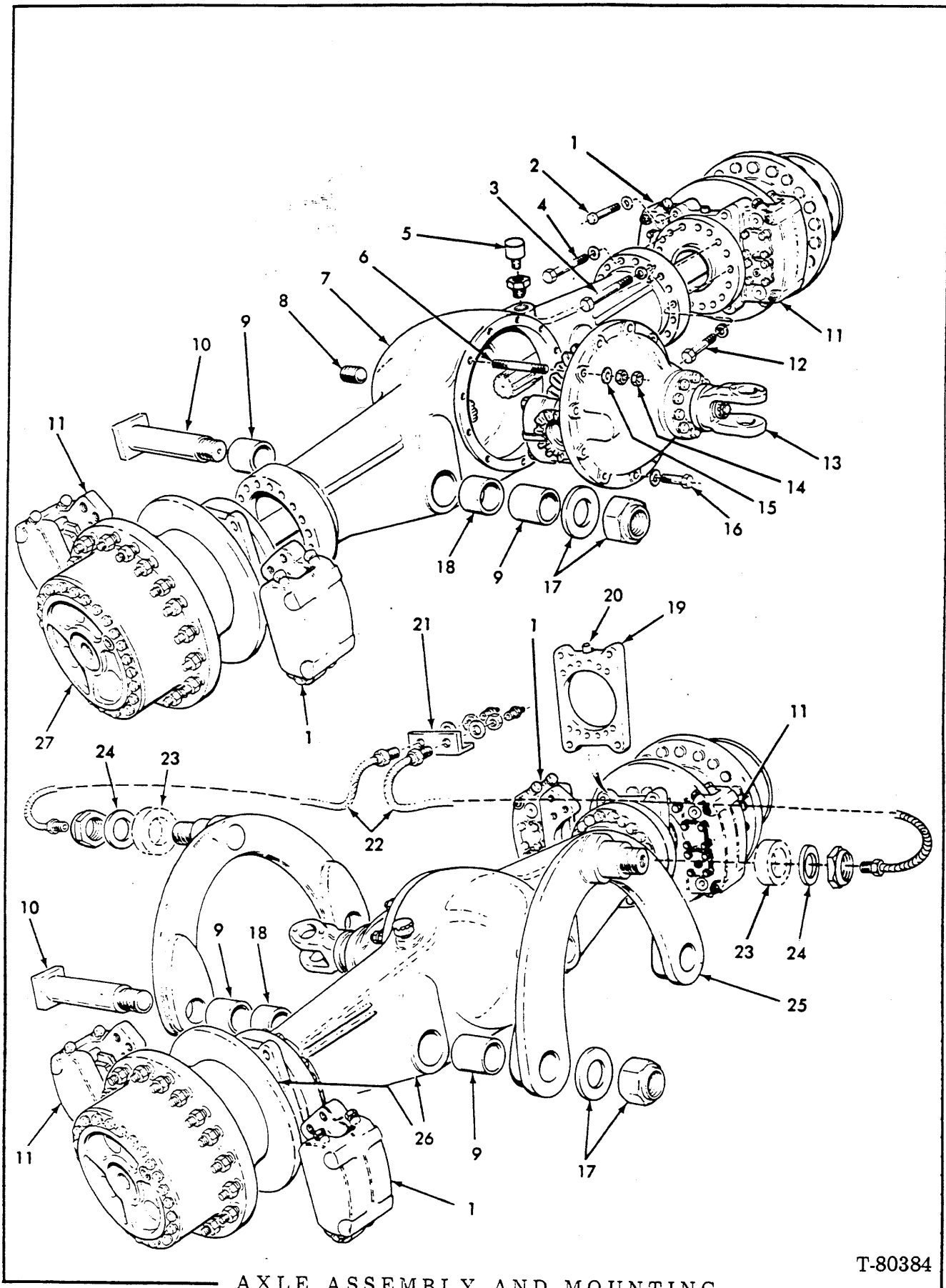
(Added February, 1988)



ITEM	PART NO.	QTY.	DESCRIPTION
1	73145775	1	* SHAFT (Includes items 2-6)
2	70914465	1	FITTING, lubrication
3	73146600	1	SEAL
4	73146599	2	SPIDER (Includes items 5, 6)
	-----	2	FITTING, lubrication
5	-----	8	LOCKPLATE
6	-----	16	CAPSCREW
7	73145778	1	YOKE
	-----	1	NUT (See page 113)
8	73145776	1	YOKE
	-----	1	O-RING (See page 88)
	-----	1	WASHER (See page 88)
	-----	1	LOCKNUT (See page 88)

*When new shaft is installed for the first replacement, it requires a new yoke, item 7 and yoke, item 8.

(Added February, 1988)



AXLE ASSEMBLY AND MOUNTING

T-80384

AXLE ASSEMBLY & MOUNTING (Front & Rear)

USAGE: *Front axle
 **Rear Axle

NOTE: Special Equipment front and rear axle assemblies are not recommended to be used simultaneously on the same vehicle.

ITEM	PART NO.	QTY.	DESCRIPTION
		* **	
-	73066998	1 1	AXLE ASSY., complete (Includes items 1-3, 11, 26. Standard equipment) (Early type)
-	73075793	1 1	AXLE ASSY., complete (Includes items 1-3, 11, 26. Standard equipment) (Late type)
-	73068988	1 1	AXLE ASSY., complete (Includes items 1-3, 11, 26 and all items on page 111. Special equipment) (Early type)
-	73075794	1 1	AXLE ASSY., complete (Includes items 1-3, 11, 26 and all items on page 111. Special equipment) (Late type)
1	70690359	2 2	HEAD ASSY., disc brake (See page 116)
2	70932936	8 8	CAPSCREW, 3/4" NC X 2-3/4"
	70927382	8 8	WASHER, plain, 3/4"
3	70932937	16 16	CAPSCREW, lock, 3/4" NC X 5-1/2"
	70927382	16 16	WASHER, plain, 3/4"
	70926170	- 8	LOCKNUT, 3/4" NC
4	70926171	8 8	CAPSCREW, 3/4" NC X 4"
	70927382	8 8	WASHER, plain, 3/4"
5	73007145	1 1	BREATHER (If first replacement, loaders prior to unit No. 03966 excluding Nos. 03950, 03951, 03953, 03954 also order 1 Bushing 70901838)
	70901838	2 2	BUSHING, reducing, 3/8" NPT to 1/8" NPT (Late units)
6	73067965	2 2	* STUD
7	73073685	1 1	+ HOUSING ASSY., axle (Includes items 9, 18)
8	73067963	2 2	* PLUG (Drain & filler) (Axle s/n 00505, 00508, 0050, 00510)
	73073687	2 2	PLUG (Drain & filler) (Axle s/n 00512, 00513)
9	73010347	4 4	BUSHING
10	73046338	2 -	PIN
	73054589	- 2	PIN
11	70690358	2 2	HEAD ASSY., disc brake (See page 116)
12	70933023	12 12	CAPSCREW, 3/4" NC X 2-1/2"
	70927382	12 12	WASHER, plain, 3/4"
13	73067954	1 1	+ CARRIER ASSY., differential (See page 112)
14	73067964	4 4	NUT
15	73067962	2 2	WASHER
16	73067958	12 12	CAPSCREW
	73067962	12 12	WASHER
17	73044963	2 2	WASHER
	70924847	2 2	LOCKNUT, 1-3/4" NC
18	73032165	2 2	SPACER
19	73068541	2 2	PLATE (Includes item 20)
20	70647418	2 2	BOSS (tapped)
21	73059268	- 1	BRACKET
	73070505	1 -	BRACKET (Eff with unit #03822)
	70923683	- 2	CAPSCREW, self-tap, 3/8" NC X 3/4"

(Continued)

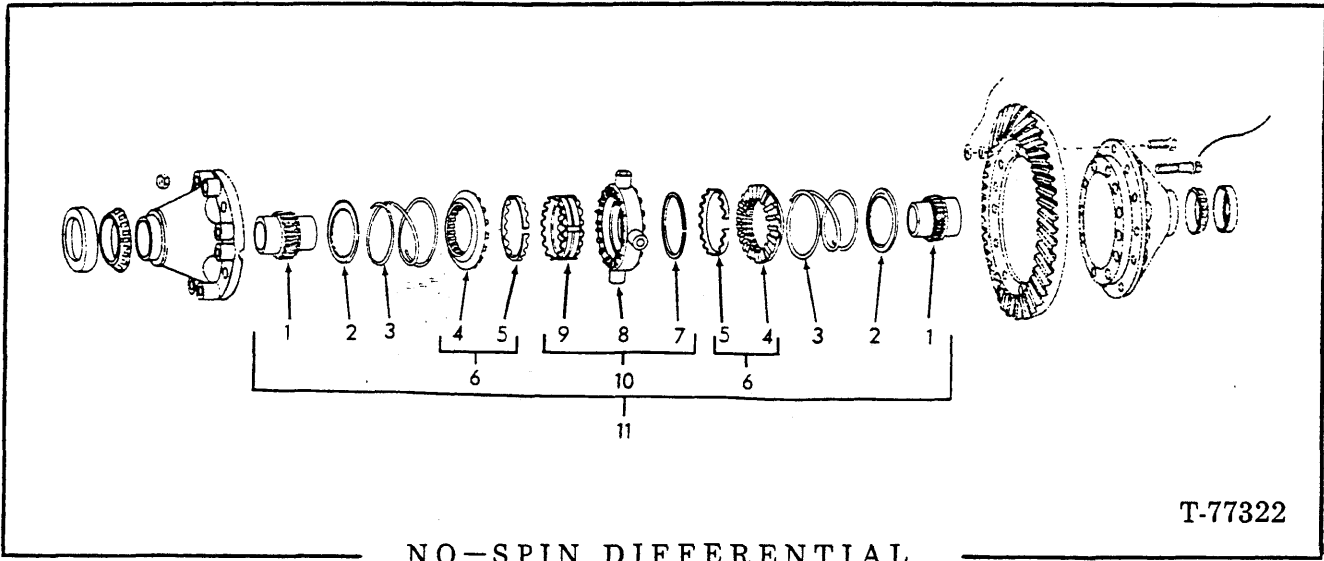
(Revised February, 1988)

AXLE ASSEMBLY AND MOUNTING (Continued)
(Front and Rear)

ITEM	PART NO.	QTY.	DESCRIPTION
		* **	
22	73066605	- 2	HOSE ASSY. (37" long, serviced only as assy.)
	70933010	- 2	NUT, jam, 1/8"
	70912808	- 2	FITTING, lube, str., 1/4"
23	-----	- 2	BUSHING (See page 220)
24	73042698	- 2	WASHER
	73037507	- -	SHIM, .010" thick (use as required)
	70925761	- 2	NUT
25	73063700	- 2	SUPPORT
26	73062679	1 1	AXLE ASSY. (Standard equipment)(Includes items 4 thru thru 9, 12 thru 16, 18, 19, 20, 27 but not 1 and 11)
	73068374	1 1	AXLE ASSY. (Special equipment)(Includes items 4 thru 9, 12 thru 16, 18, 19, 20, 27 but not 1 and 11 and includes all items on page 111)
27	-----	2 2	SHAFT AND HUB GROUP (See page 114)
28	70930984	- -	SEALANT (3 oz. tube-use as required)
29	70931905	- -	SEALANT (50 cc.-use as required)

+NOTE: Use item 28 when sealing item 7 and 13; 7
and spindle.

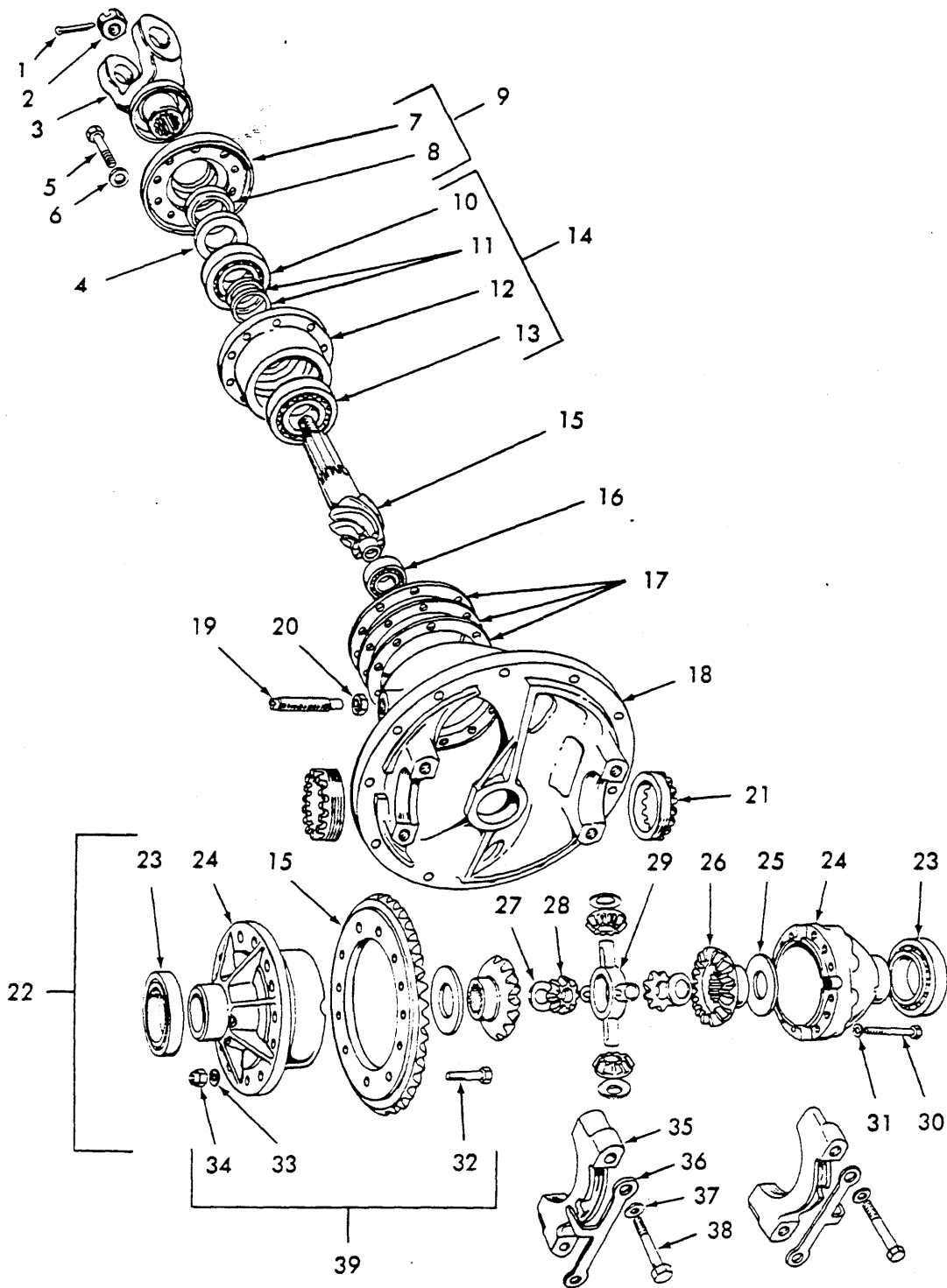
*NOTE: Use item 29 when sealing 6 and item 8
drain plug.



USAGE: Special Equipment. See page 112.

NOTE: The following parts replace items 25 thru 29 on page 112. All other Differential Carrier parts are identical to those listed on page 112.

ITEM	PART NO.	QTY.	DESCRIPTION
1	73069107	2	GEAR
2	73064716	2	RETAINER
3	73064717	2	SPRING
4	-----	2	CLUTCH
5	-----	2	RING
6	73064718	2	CLUTCH ASSY. (Includes items 4 and 5)
7	-----	1	SNAP RING
8	-----	1	SPIDER
9	-----	1	CAM
10	73064721	1	SPIDER ASSY. (Includes items 7, 8, 9)
11	73069108	1	NO-SPIN ASSY. (Includes items 1 thru 10)



DIFFERENTIAL ASSEMBLY

T-80383

DIFFERENTIAL ASSEMBLY

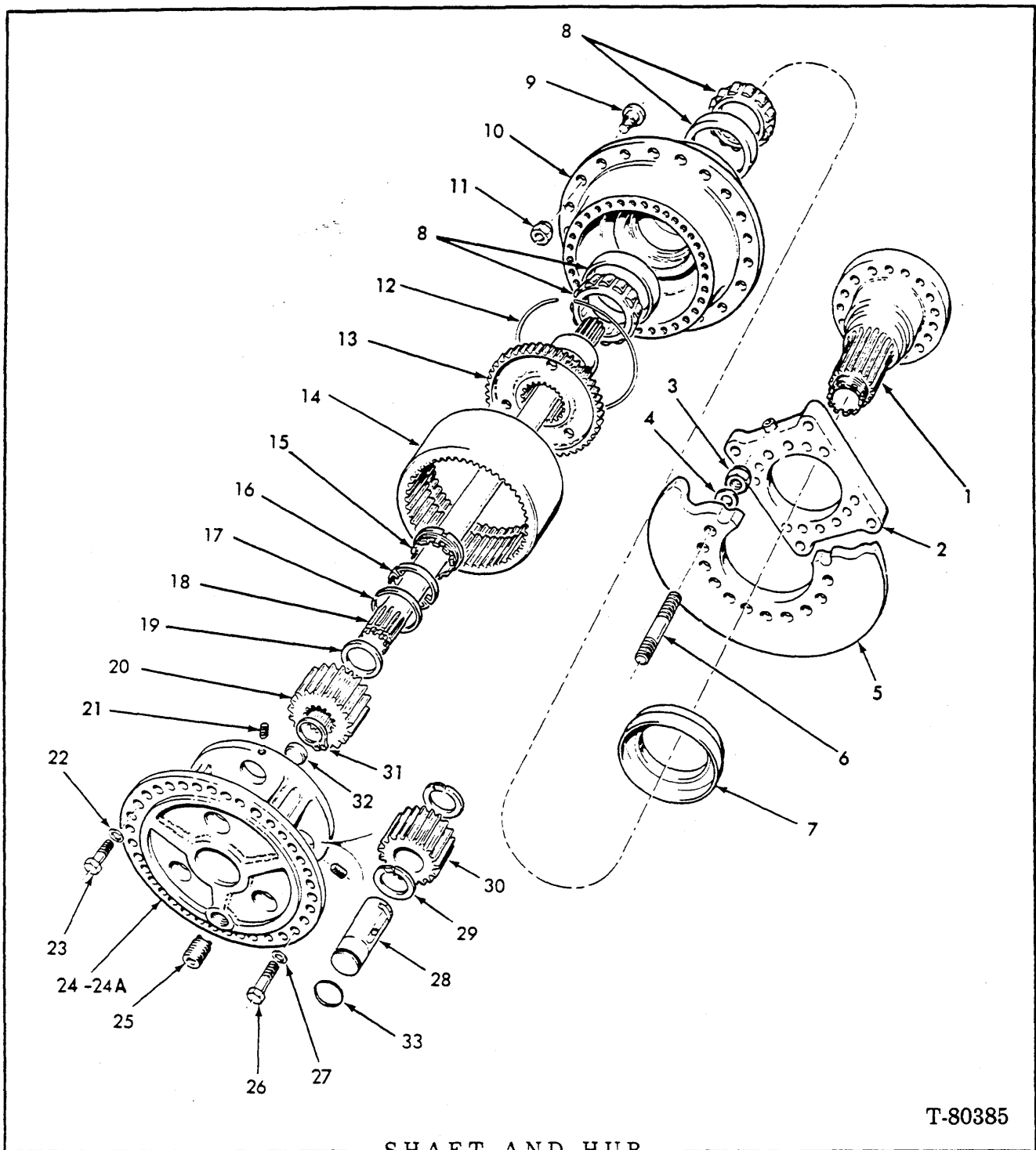
USAGE: Front and rear axle.

NOTE: Quantity indicated is for one DIFFERENTIAL ASSY.

ITEM	PART NO.	QTY.	DESCRIPTION
-	73077454	1	DIFFERENTIAL ASSY. (Includes items 1 thru 38)
1	70929589	1	PIN
2	73067977	1	NUT
3	73075833	1	COUPLING, weld assy.
4	73067978	1	WASHER
5	73067973	10	* BOLT
6	73067974	10	WASHER
7	-----	1	* RETAINER (Order item 9)
8	73067998	1	† SEAL (Also see item 9)
9	73067996	1	SEAL AND RETAINER ASSY. (Includes items 7 and 8)
10	73067983	1	BEARING
11	73067984	1	KIT (Includes 2 each of 8 different size spacers)
12	73067980	1	* CAGE & CUP ASSY. (Includes items 10 and 13)
13	73067982	1	BEARING
14	73076788	1	BEARING & CAGE ASSY. (Includes items 10, 11, 12 and 13)
15	73140261	1	PINION & GEAR ASSY. (Includes pinion, gear and item 16)
16	73032937	1	BEARING
17	73068016	-	SHIM (.003" thick)
	73068017	-	SHIM (.005" thick)
	73068018	-	SHIM (.010" thick)
18	73067966	1	† CARRIER & CAP ASSY. (Includes items 21 and 35 thru 38)
19	73067975	1	* SCREW
20	73067976	1	LOCKNUT
21	73067972	2	RING
22	73140274	1	DIFFERENTIAL & CASE ASSY. (Includes items 23 thru 31)(Standard Equipment)
	73069129	1	DIFFERENTIAL & CASE ASSY. (Includes items 23 thru 31 plus all items on page 111)(Special Equipment)
23	73068009	2	BEARING
24	73068000	1	DIFFERENTIAL CASE ASSY. (Includes flange and plain case and items 30 and 31)
25	73068005	2	WASHER
26	73068004	2	GEAR
27	73068007	4	WASHER
28	73068006	4	GEAR
29	73068008	1	SPIDER
30	73068003	12	BOLT
31	73067962	12	WASHER
32	-----	12	BOLT (Order item 39)
33	73067962	12	WASHER (Also see item 39)
34	-----	12	NUT (Order item 39)
35	-----	2	CAP (Order item 18)
36	73067971	2	LOCK
37	73067970	4	WASHER
38	73067969	4	BOLT
39	73068518	1	KIT (Each includes 12 of items 32, 33, and 34)
40	70930904	-	SEALANT (50 cc - use as required)
41	70930984	-	SEALANT (3 oz. tube - use as required)

† NOTE: Use item 40 to seal item 18 to axle housing and 8 to 7.

* NOTE: Use item 41 to seal 5, 7 to 12, 12 to 17 and 19



T-80385

SHAFT AND HUB

USAGE: Front and Rear AXLE ASSY. See page 108.

NOTE: Quantity indicated is for one end only.

ITEM	PART NO.	QTY.	DESCRIPTION
1	73075800	1	† SPINDLE
2	-----	2	PLATE, brake head mounting (See page 108)
3	73068023	18	NUT

(Continued)

(Revised November 1981)

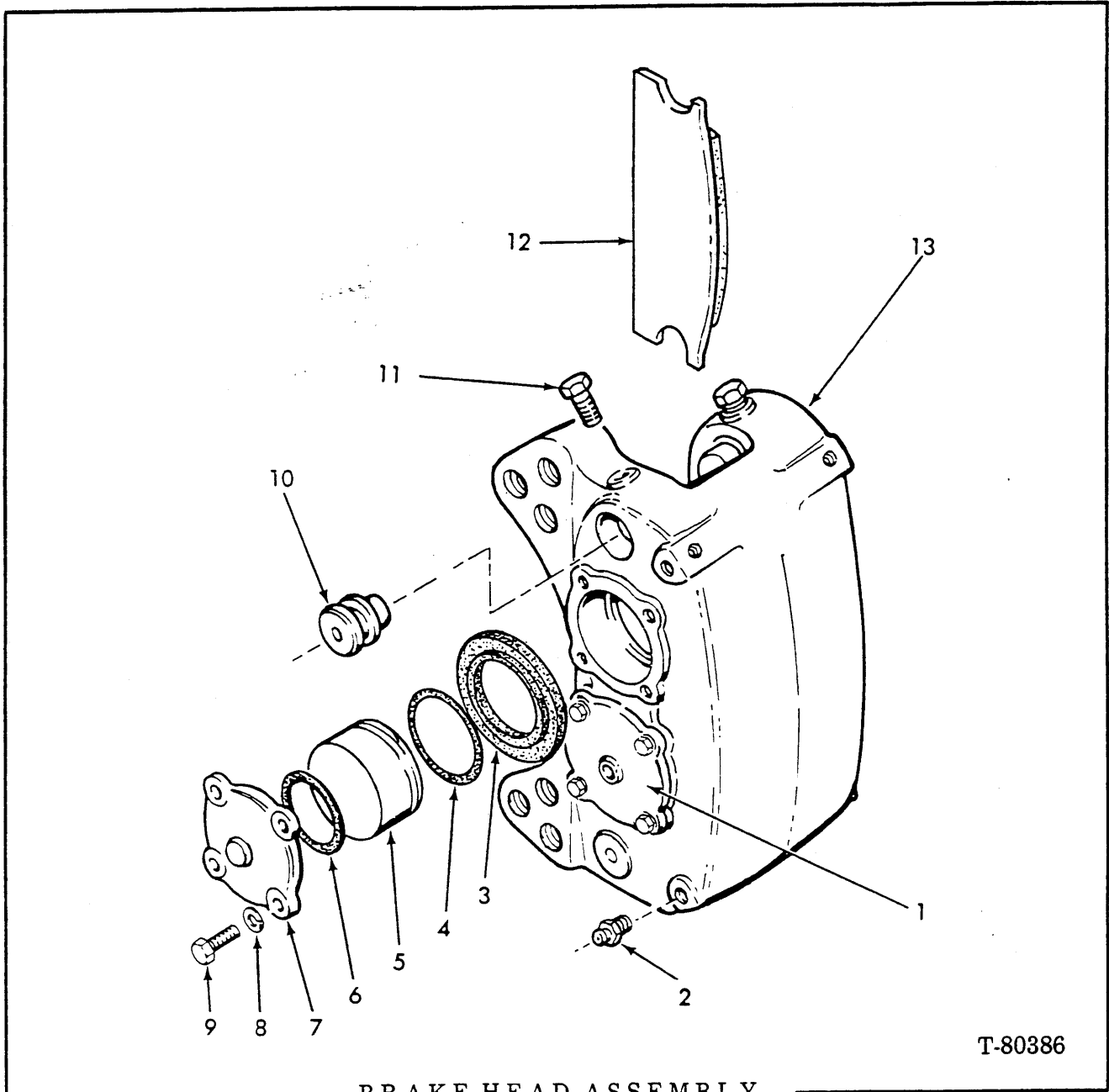
SHAFT AND HUB (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
4	73068024	18	WASHER
5	73068043	1	DISC
6	73068022	18	+ STUD
7	73070124	1	† SEAL
8	73068021	2	BEARING ASSY. (Each includes cone and cup)
9	73068866	23	STUD
10	73068019	1	† HUB ASSY. (Includes items 3, 4, 6, 8 and 9)
11	73007152	23	NUT
12	73068037	1	RETAINER
13	73068035	1	HUB, ring gear
14	73068034	1	GEAR, ring
15	73068039	1	NUT
16	73068040	2	LOCK RING
17	73068041	1	RING
18	73068052	1	SHAFT, axle
19	73068049	1	WASHER
20	73068044	1	GEAR
21	73068033	3	SETSCREW
22	73068051	1	WASHER
23	73068048	1	BOLT, drain
24	73068026	1	†SPIDER ASSY. (Includes items 21, 24A, 25, 28, 29, 30, 32 and 33)
24A	73068027	1	SPIDER
25	73068030	1	*PLUG (drain)
26	73068047	35	BOLT
27	73067974	35	WASHER
28	73068029	3	†SHAFT (used prior to axle s/n 505-120)
	73069544	3	SHAFT (effective with axle s/n 505-120)
29	73068049	6	WASHER
30	73068028	3	GEAR
31	73068045	1	RETAINER
32	73068032	1	†BUTTON
33	73069520	3	O-RING (effective with axle s/n 505-120)
34	70930904	-	SEALANT (50 cc - use as required)
35	70930984	-	SEALANT (3 oz. tube - use as required)
36	70931905	-	SEALANT (50 cc - use as required)

†NOTE: Use item 34 when sealing item 7 to 10, 10 to 24, 24 to 32, 24 to 28 (prior to axle s/n 505-120)

*NOTE: Use item 35 to seal item 25.

+NOTE: Use item 36 to seal item 6



T-80386

BRAKE HEAD ASSEMBLY

USAGE: See page 108
 * Front axle — left front and right rear
 Rear axle — left front and right rear
 ** Front axle — left rear and right front
 Rear axle — left rear and right front

NOTE: Quantity indicated is for one brake head assembly of each type.

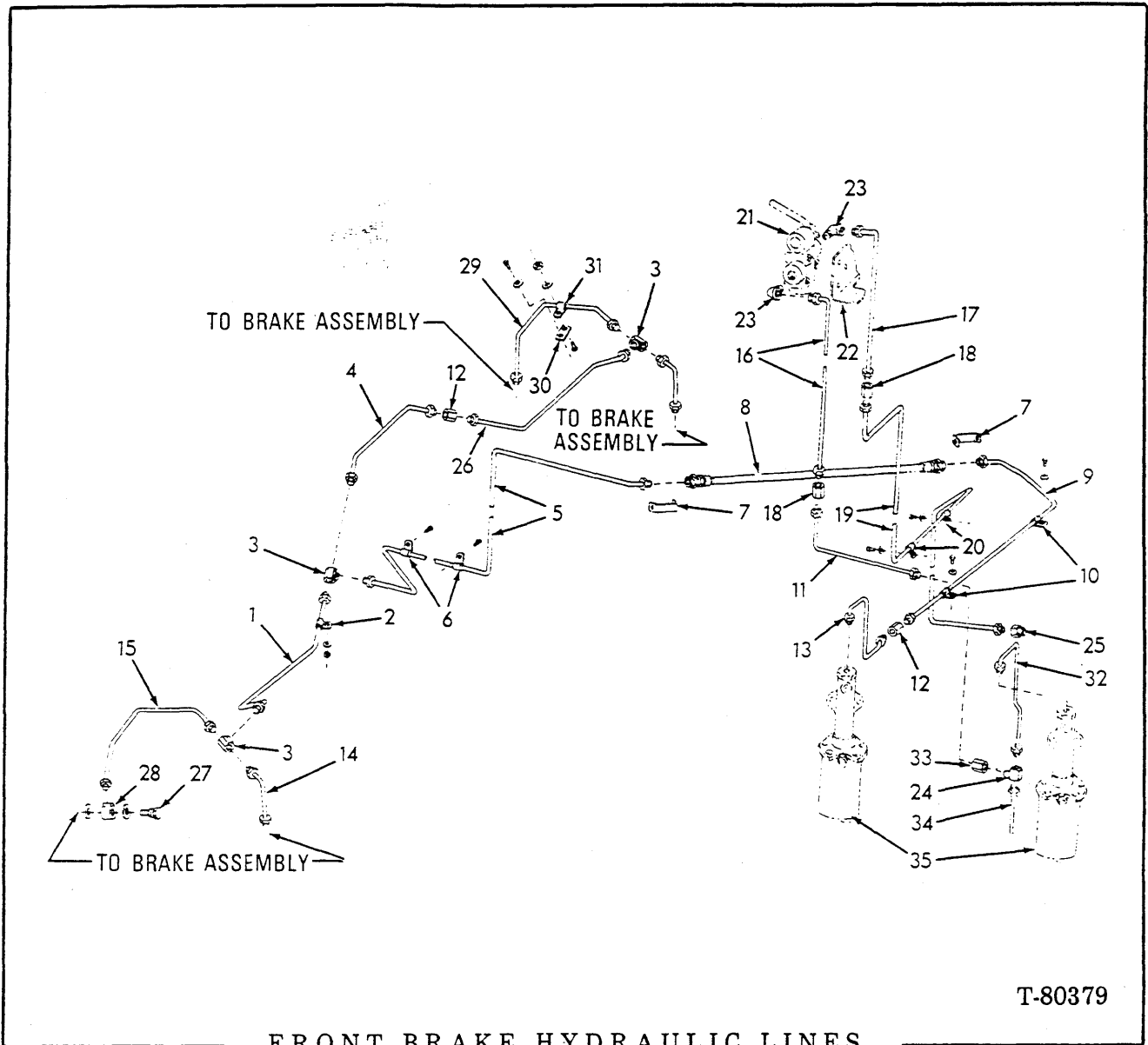
ITEM	PART NO.	QTY.	DESCRIPTION
		* **	
-	{ 70690358	1 -	BRAKE HEAD ASSY. (Includes items 1 thru 13)
	{ 70690359	- 1	BRAKE HEAD ASSY. (Includes items 1 thru 13)
1	{ 73110564	1 -	CAP, inlet
	{ 73110565	- 1	CAP

(Continued)

BRAKE HEAD ASSEMBLY (Continued)

ITEM	PART NO.	QTY.		DESCRIPTION
		*	**	
2	73111046	2	2	BLEEDER
3	-----	4	4	† BOOT
4	-----	4	4	† PACKING
5	73110566	4	4	PISTON
6	-----	2	2	† PACKING
7	{ 73110565	1	-	CAP
	{ 73110564	-	1	CAP, inlet
8	70911115	8	8	WASHER, 3/8"
9	70921076	8	8	CAPS CREW, 3/8" NC x 1-1/4"
10	73110558	4	4	PIN
11	70927212	4	4	BOLT
12	73108446	2	2	CARRIER & LINING ASSY.
13	-----	1	1	HOUSING (Order BRAKE HEAD ASSY.)
14	73110563	1	1	KIT

† included with item 14



T-80379

FRONT BRAKE HYDRAULIC LINES

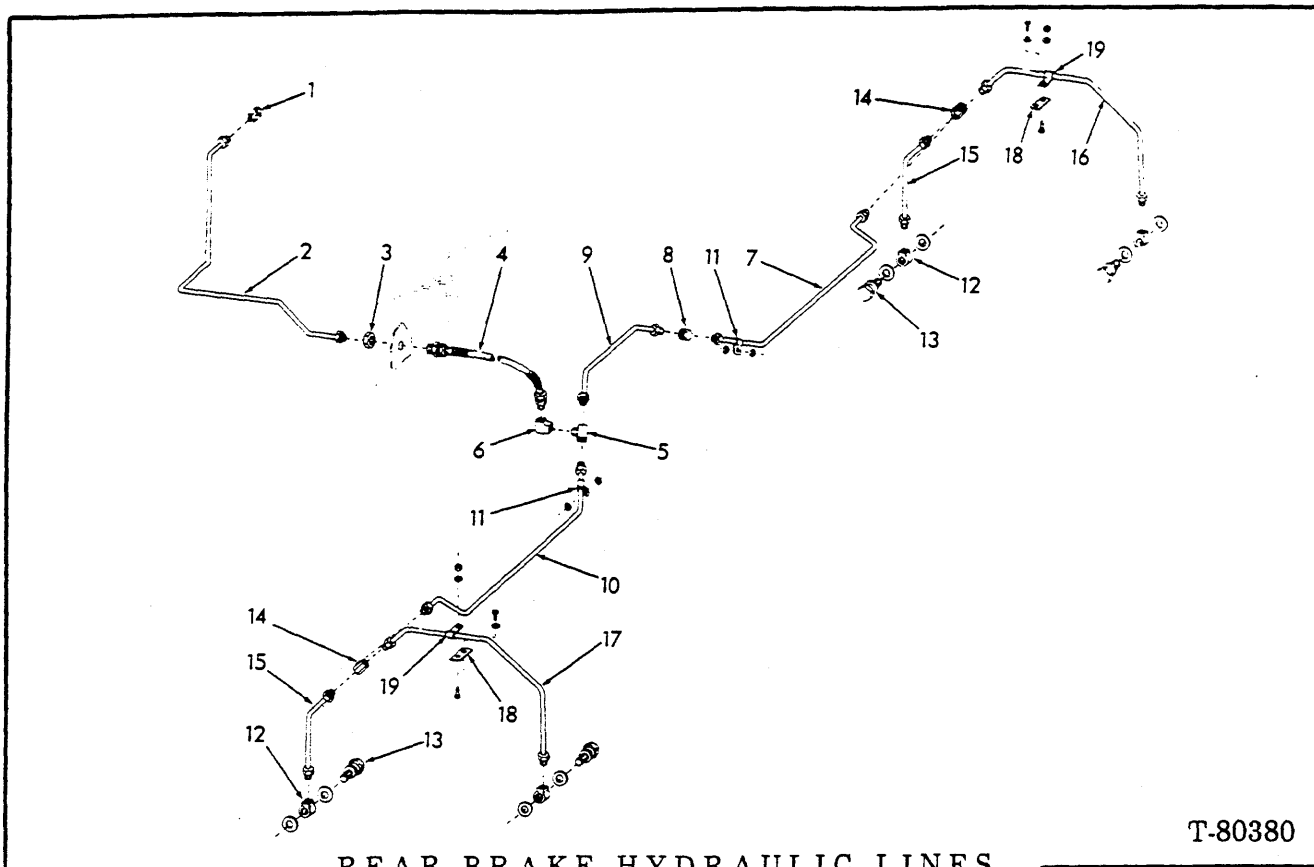
ITEM	PART NO.	QTY.	DESCRIPTION
1	73064150	1	TUBE ASSY.
2	73029843	2	CLIP
	70677010	2	WASHER
	73067964	2	NUT
3	70917585	3	TEE, 5/16" tube
4	73064958	1	TUBE ASSY.
5	73047229	1	TUBE ASSY.
6	70925616	2	CLAMP
	70923683	2	SCREW, tapping, 3/8" NC x 3/4"
7	73046489	2	BRACKET
8	73046581	1	HOSE ASSY. (Serviced only as a assy.)

(Continued)

(Revised June 1980)

FRONT BRAKE HYDRAULIC LINES (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
9	73047231	1	TUBE ASSY
10	70925616	2	CLAMP
	70927484	2	CAPSCREW, 3/8" NC x 1/2"
	70677006	2	WASHER
11	73067209	1	TUBE ASSY.
12	70917484	2	UNION, 5/16" tube, 1/2" st. thd.
13	73067208	1	TUBE ASSY. (to front pressure converter)
14	73064149	2	TUBE ASSY.
15	73064155	1	TUBE ASSY.
16	73067211	1	TUBE ASSY.
17	73047234	1	TUBE ASSY.
18	70919982	2	UNION
19	73047235	1	TUBE ASSY.
20	70925604	2	CLIP
	70927484	2	CAPSCREW, 3/8" NC x 1/2"
	70677006	2	WASHER
21	-----	1	VALVE ASSY. (See page 121)
	73012488	3	CAPSCREW, No. 10 - 32 x 2"
	70910251	3	NUT, No. 10 - 32
22	-----	1	BRACKET (See page 64)
23	70913704	2	ELBOW
24	70927656	1	TEE, 5/16" tube, 1/8" pipe x 1/2" st. thd.
25	70913535	1	CONNECTOR, 1/4" tube, 7/16" st. thd.
26	73064151	1	TUBE ASSY.
27	73007115	4	BOLT
	73006797	4	WASHER, copper, 1/2"
	73006799	4	WASHER, copper, 19/32"
28	73050191	4	FITTING
29	73064154	1	TUBE ASSY.
30	73068415	2	PLATE
	70922300	2	CAPSCREW, 3/8" NC x 3/4"
	70677006	2	WASHER
31	70925616	2	CLAMP
	70922763	2	CAPSCREW, 3/8" NC x 1"
	70677006	2	WASHER
	70919439	2	LOCKNUT, 3/8" NC
32	73067210	1	TUBE ASSY. (to rear pressure converter)
33	70920528	1	CONNECTOR
34	-----	1	TUBE ASSY. (See page 120)
35	-----	2	PRESSURE CONVERTER ASSY. (See pages 122 and 123A)

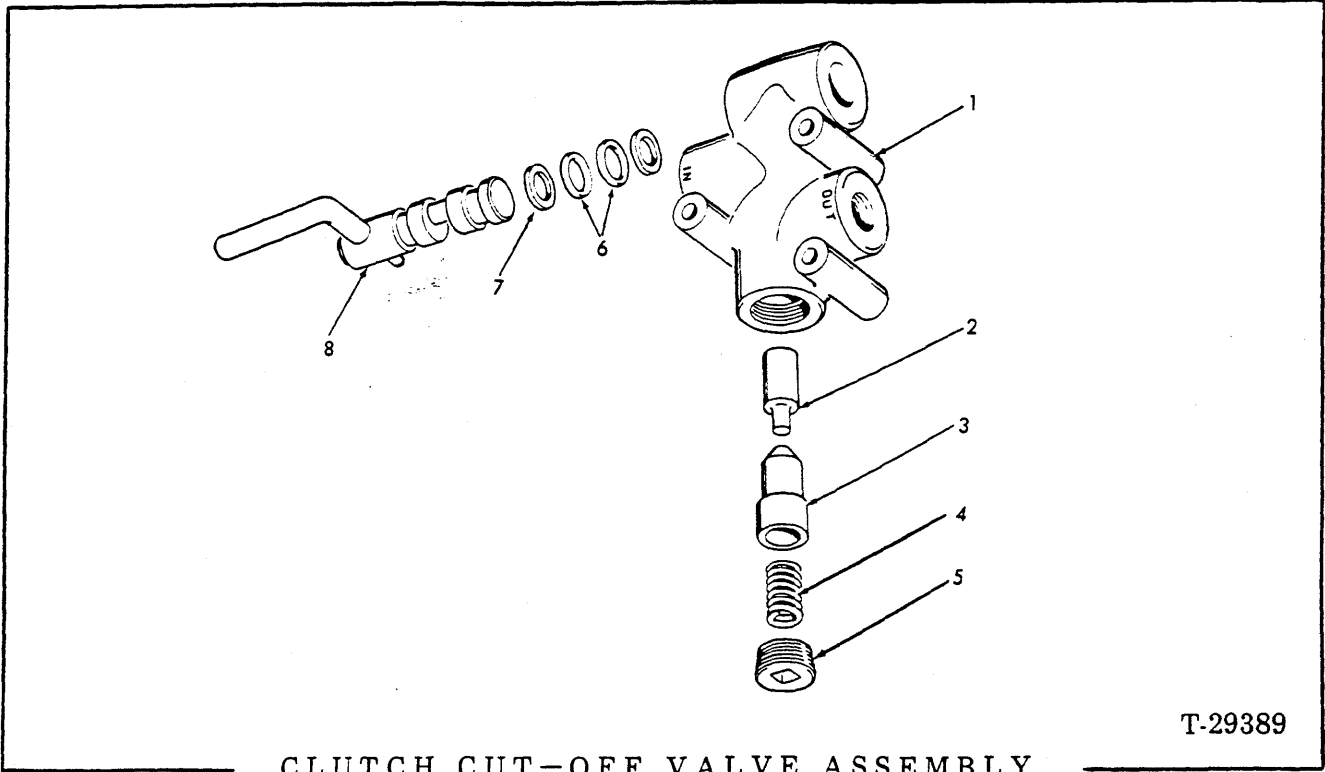


T-80380

REAR BRAKE HYDRAULIC LINES

ITEM	PART NO.	QTY.	DESCRIPTION
1	-----	1	TEE, 5/16" tube, 1/8" pipe x 7/16" st. thd. (See page 118)
2	73063361	1	TUBE ASSY.
3	70910345	1	NUT, 5/8" NF
4	73059047	1	HOSE ASSY. (Serviced only as an assy.)
5	70927656	1	TEE, 5/16" tube, 1/8" pipe x 1/2" st. thd
6	70915865	1	ELBOW, female, 5/16" tube, 1/8" pipe x 1/2" st. thd.
7	73064150	1	TUBE ASSY., right
8	70917484	1	UNION, 5/16" tube, 1/2" st. thd.
9	73064958	1	TUBE ASSY.
10	73064151	1	TUBE ASSY. , left
11	73029843	2	CLIP
	73067964	4	NUT
12	73050191	4	FITTING
13	73007115	4	FITTING, bolt
	73006797	4	WASHER, copper, 1/2"
	73006799	4	WASHER, copper, 19/32"
14	70917585	2	TEE, union, 5/16" tube, 1/2" st. thd.
15	73064149	2	TUBE ASSY. (front)
16	73064154	1	TUBE ASSY. (right rear)
17	73064155	1	TUBE ASSY. (left rear)
18	73068415	2	PLATE
	70922300	2	CAPSCREW, 3/8" NC x 3/4"
	70677006	2	WASHER
19	70925616	2	CLAMP
	70922763	2	CAPSCREW, 3/8" NC x 1"
	70677006	2	WASHER
	70919439	2	LOCKNUT, 3/8" NC

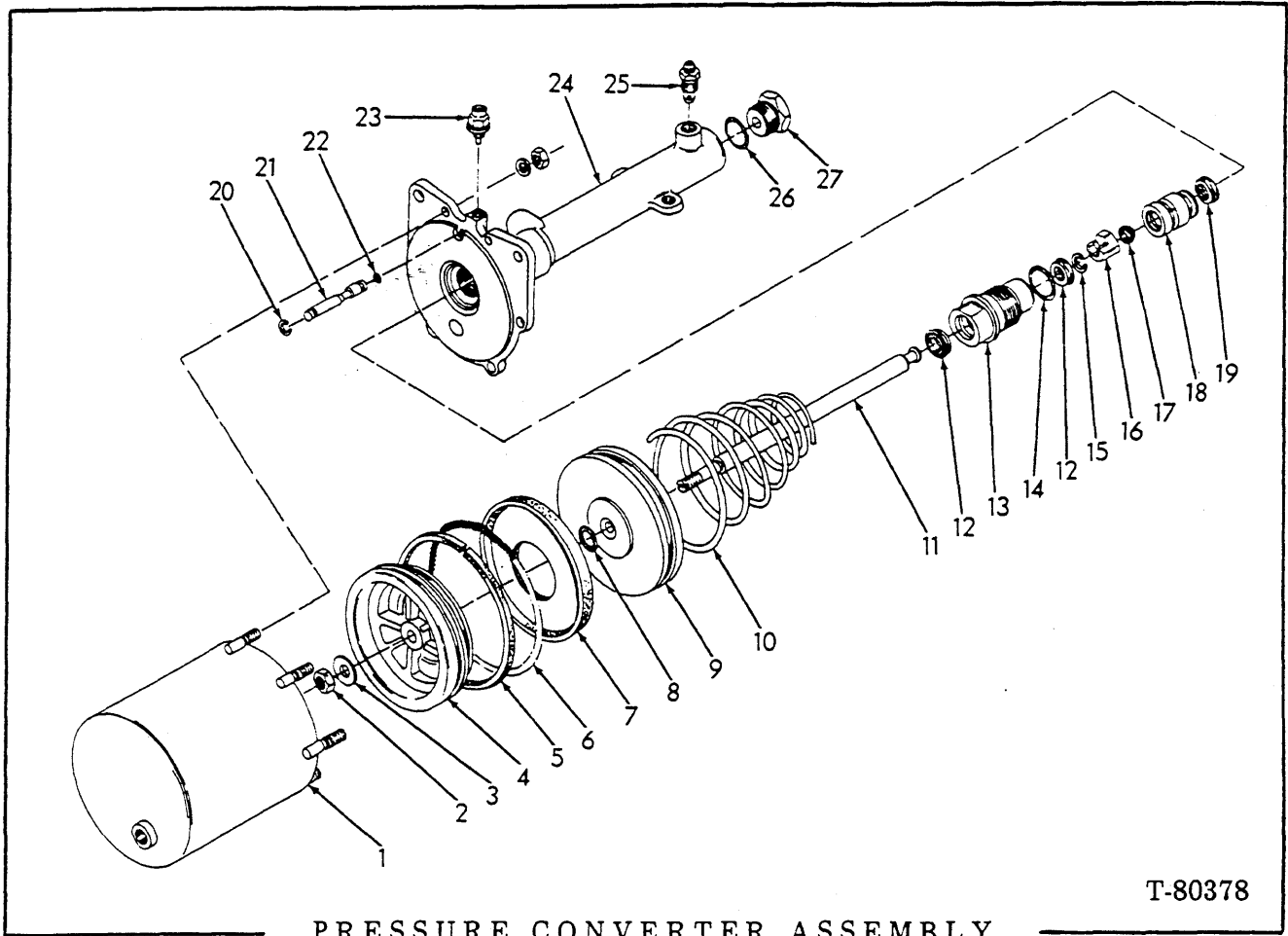
(Revised June 1979)



CLUTCH CUT-OFF VALVE ASSEMBLY

USAGE: See page 118.

ITEM	PART NO.	QTY.	DESCRIPTION
-	73012490	1	VALVE ASSY. (includes items 1 thru 8)
1	-----	1	HOUSING (Order complete VALVE ASSY.)
2	73014044	1	FOLLOWER
3	73014043	1	PLUNGER
4	73014042	1	SPRING
5	70907856	1	PLUG, 3/8" NPT
6	70923663	2	O-RING
7	73014045	2	RING
8	73014046	1	CAM ASSY. (Includes lever)(Serviced only as a unit)



T-80378

PRESSURE CONVERTER ASSEMBLY

USAGE: See pages 118 and 128. Loaders prior to S/N 64M04174

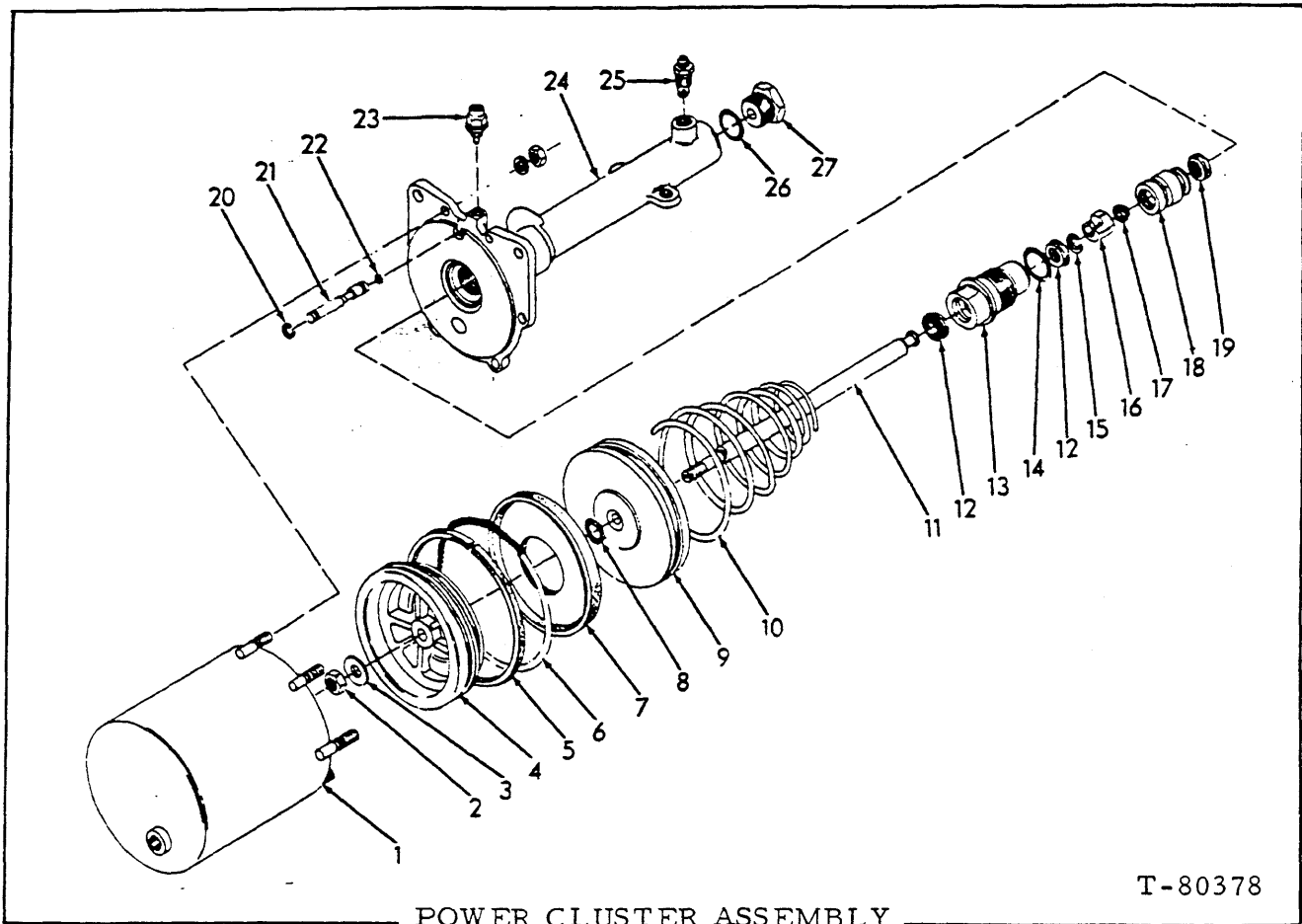
ITEM	PART NO.	QTY.	DESCRIPTION
-	73067229	1	PRESSURE CONVERTER ASSY. (Includes items 1 thru 27)
1	73067631	1	SHELL ASSY.
2	70932869	1	NUT, 7/16" NF
3	73067657	1	WASHER
4	73067632	1	FOLLOWER
5	73067634	1	† FELT
6	73067635	1	EXPANDER
7	73067636	1	† CUP
8	73067652	1	† O-RING
9	73067637	1	PLATE
10	73067638	1	† SPRING
11	73067651	1	ROD
12	73067639	2	† SEAL
13	73067650	1	BUSHING
14	73067649	1	† O-RING
15	70927686	1	† RING
16	73067647	1	BODY
17	73067646	1	† INSERT

(Continued)

PRESSURE CONVERTER ASSEMBLY (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
18	73071829	1	PISTON KIT (Includes items 19 and 20)
19	73067640	1	† SEAL
20	73071826	1	† RING
21	73072934	1	INDICATOR
22	73067653	1	† O-RING
23	73067655	1	CONTACT ASSY.
24	-----	1	BODY (Order PRESSURE CONVERTER ASSY.)
	70910287	6	LOCKWASHER, 3/8"
	70910123	6	NUT, 3/8" NF
25	73067642	1	SCREW
26	73067643	1	† RING
27	73067644	1	CAP
28	73067633	1	KIT, service

† Also included in item 28



POWER CLUSTER ASSEMBLY

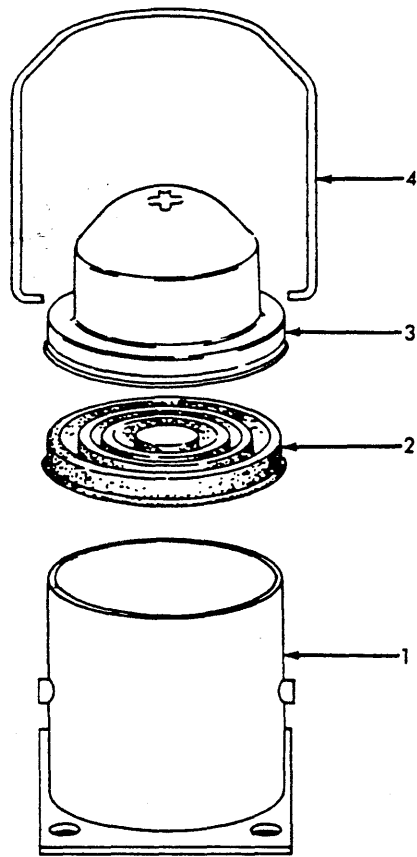
USAGE: Loader S/N 64M04174 and up.

ITEM	PART NO.	QTY.	DESCRIPTION
-	73071675	1	VALVE BRAKE (Includes items 1 - 27)
1	73067631	1	BODY
2	70932869	1	NUT, 7/16"NF
3	73067657	1	WASHER
4	73067632	1	FOLLOWER
5	73067634	1	SEAL
6	73067635	1	EXPANDER
7	73067636	1	CUP
8	73067652	1	O-RING
9	73067637	1	PLATE
10	73067638	1	SPRING
11	73067651	1	ROD
12	73067639	2	SEAL
13	73067650	1	BUSHING
14	73067649	1	O-RING
15	70927686	1	RING
16	73067647	1	BODY
17	73067646	1	INSERT
18	73071829	1	PISTON (Includes items 19,20)
19	73067640	1	SEAL
20	73071826	1	RING
21	73072934	1	INDICATOR

(Continued)

POWER CLUSTER ASSEMBLY (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
22	73067653	1	O-RING
23	73069446	1	CONTACT
24	-----	1	BODY (Not serviced)
	70910287	6	LOCKWASHER, 3/8"
	70910123	6	NUT, 3/8"NF
25	73067642	1	SCREW
26	73067643	1	RING
27	73067644	1	CAP
28	73067633	1	KIT (Includes items 5, 7, 8, 10, 12, 14, 15, 17, 19, 20, 22, 26)

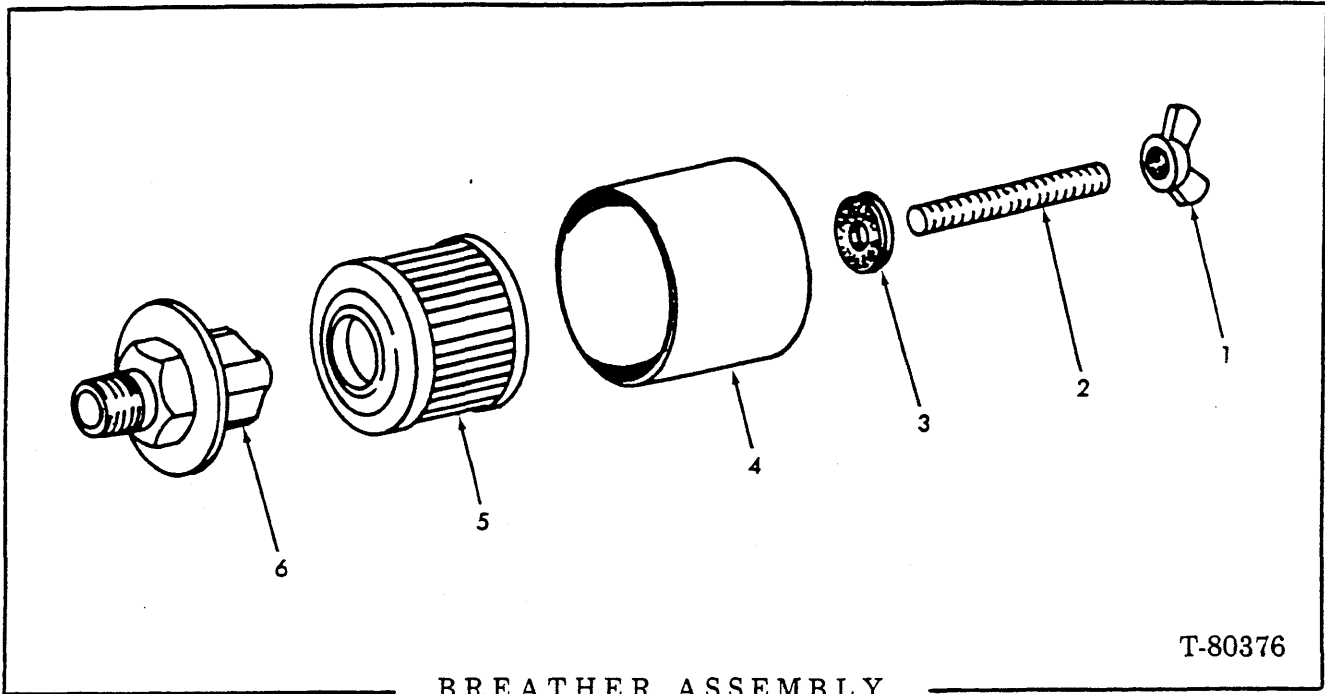


T-80377

RESERVOIR ASSEMBLY

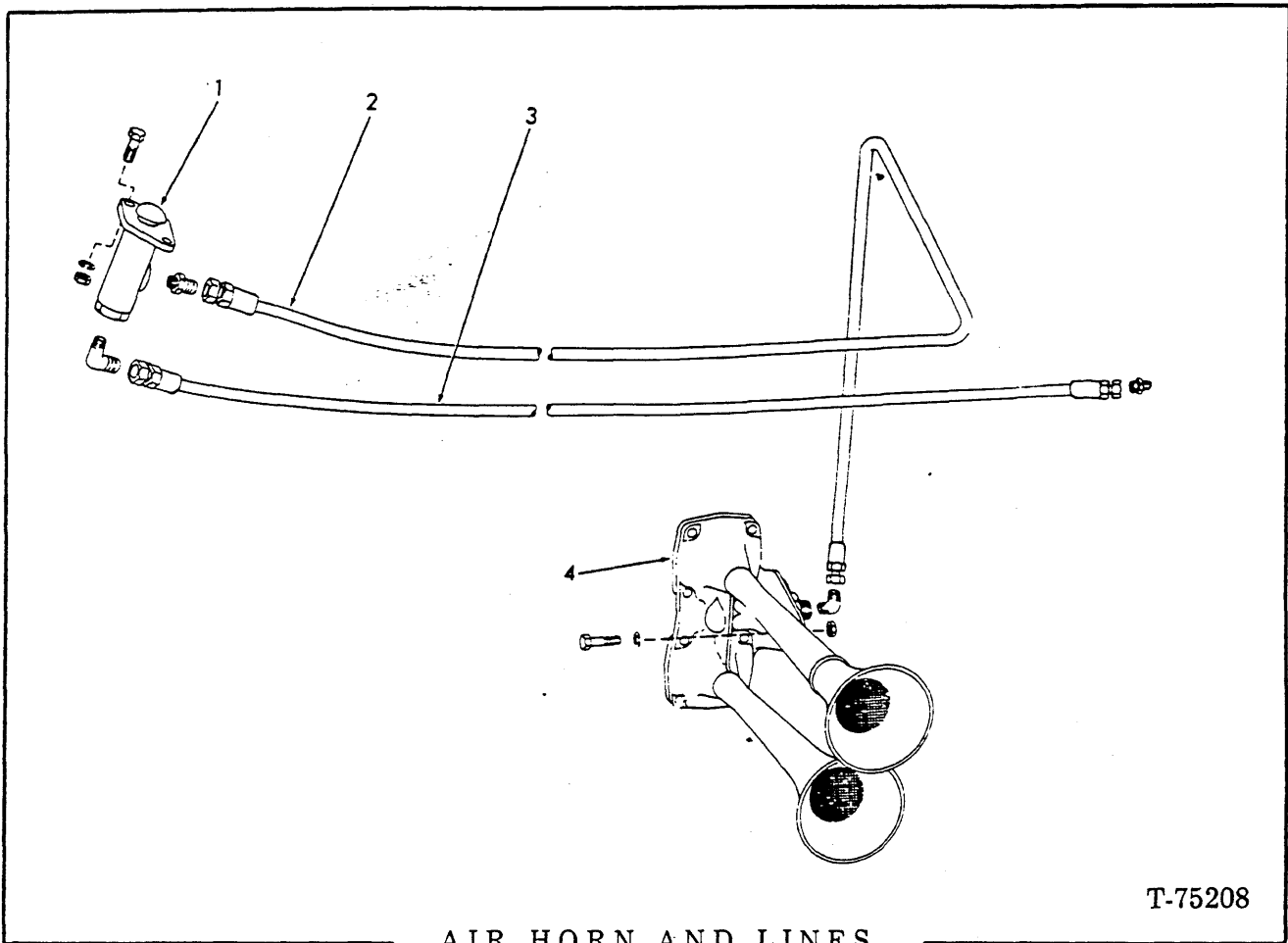
USAGE: See page 128.

ITEM	PART NO.	QTY.	DESCRIPTION
-	73067230	1	RESERVOIR ASSY. (includes items 1 thru 4)
1	.....	1	BODY ASSY. (order RESERVOIR ASSY.)
2	73067575	1	DIAPHRAGM
3	73067574	1	COVER
4	73067573	1	RETAINER



USAGE: See page 128.

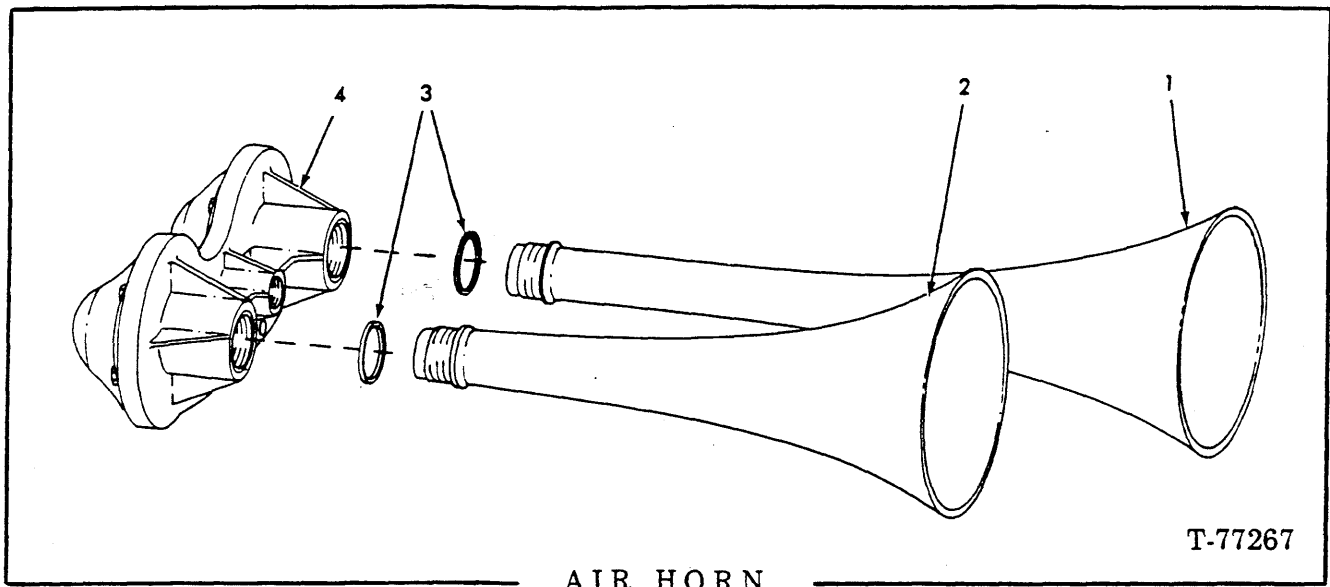
ITEM	PART NO.	QTY.	DESCRIPTION
-	73067231	1	BREATHER ASSY. (includes items 1 thru 6)
1	70916952	1	NUT, wing, 1/4" NC
2	-----	1	STUD (order BREATHER ASSY.)
3	73067663	1	WASHER
4	73067661	1	HOOD
5	73067660	1	ELEMENT
6	-----	1	BASE (order BREATHER ASSY.)



T-75208

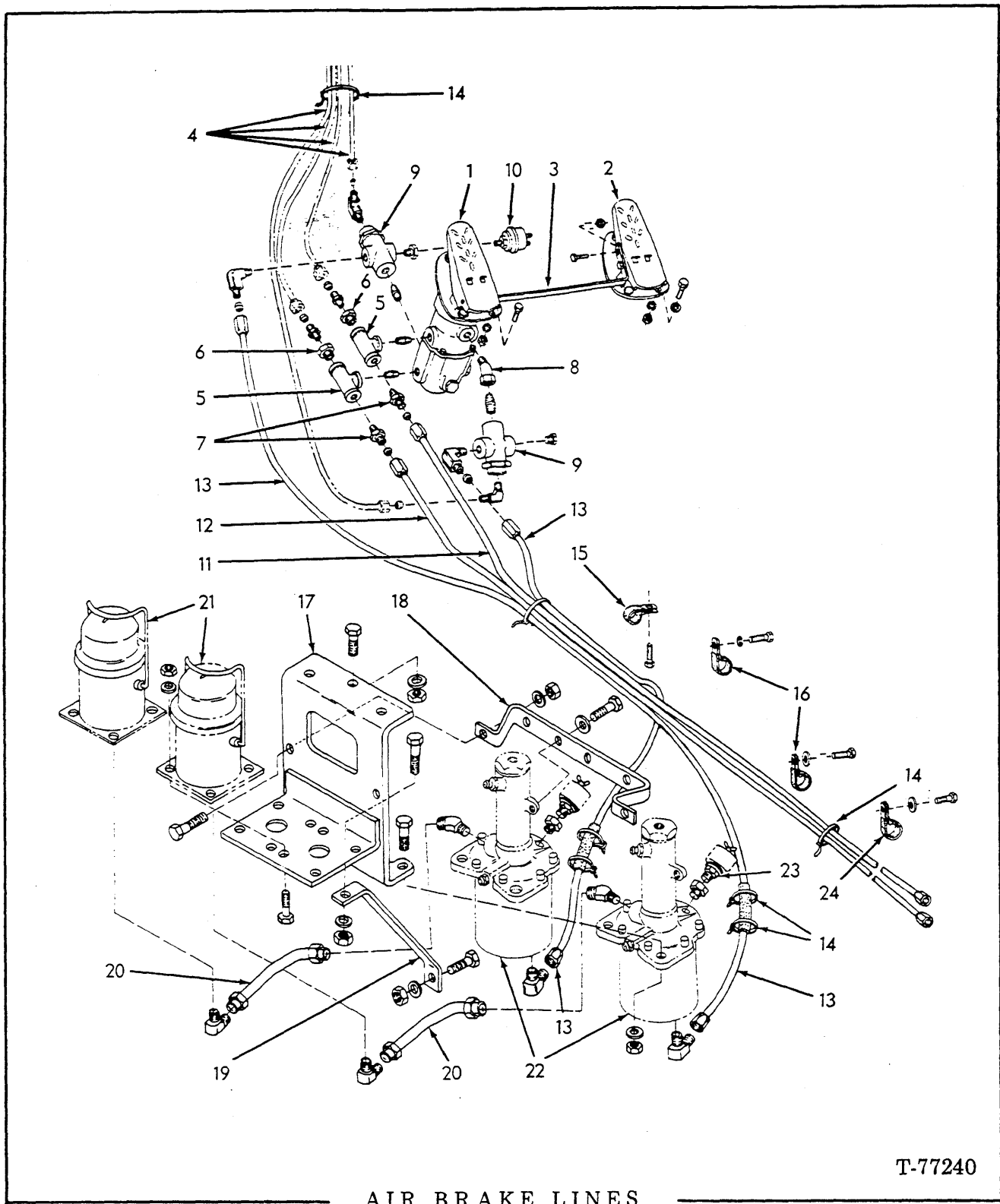
AIR HORN AND LINES

ITEM	PART NO.	QTY	DESCRIPTION
1	70181478	1	VALVE
	70927401	2	CAPSCREW, 1/4" NC x 1"
	70911024	2	NUT, 1/4" NC
2	73058003	1	TUBE ASSY.
	70914626	1	CONNECTOR, 1/4" tube, 1/8" tapered thd.
	70921185	1	ELBOW, 1/4" tube, 1/4" tapered thd.
	73059068	1	TUBE ASSY.
3	70921185	1	ELBOW, 1/4" tube, 1/4" tapered thd.
	70919497	1	CONNECTOR, 1/4" tube, 1/4" tapered thd.
	70927401	1	HORN ASSY. (see page 127)
4	70927401	2	CAPSCREW, 1/4" NC x 1"
	70904204	2	LOCKWASHER, 1/4"
	70911024	2	NUT, 1/4" NC



USAGE: See page 126.

ITEM	PART NO.	QTY.	DESCRIPTION
-	73053921	-	HORN ASSY. (Includes items 1 thru 4)
1	73056154	1	PROJECTOR
2	73056153	1	PROJECTOR
3	73061126	2	GASKET
4	73061127	1	DIAPHRAGM



T-77240

AIR BRAKE LINES

ITEM	PART NO.	QTY.	DESCRIPTION
1	-----	1	VALVE ASSY. (See page 134)
	70921566	3	CAPSCREW, 5/16" NC x 1"
	70677005	3	WASHER
	70911025	3	NUT, 5/16" NC
	70918951	4	PLUG, 3/8" NPT

(Continued)

(Revised October 1980)

AIR BRAKE LINES (Continued)

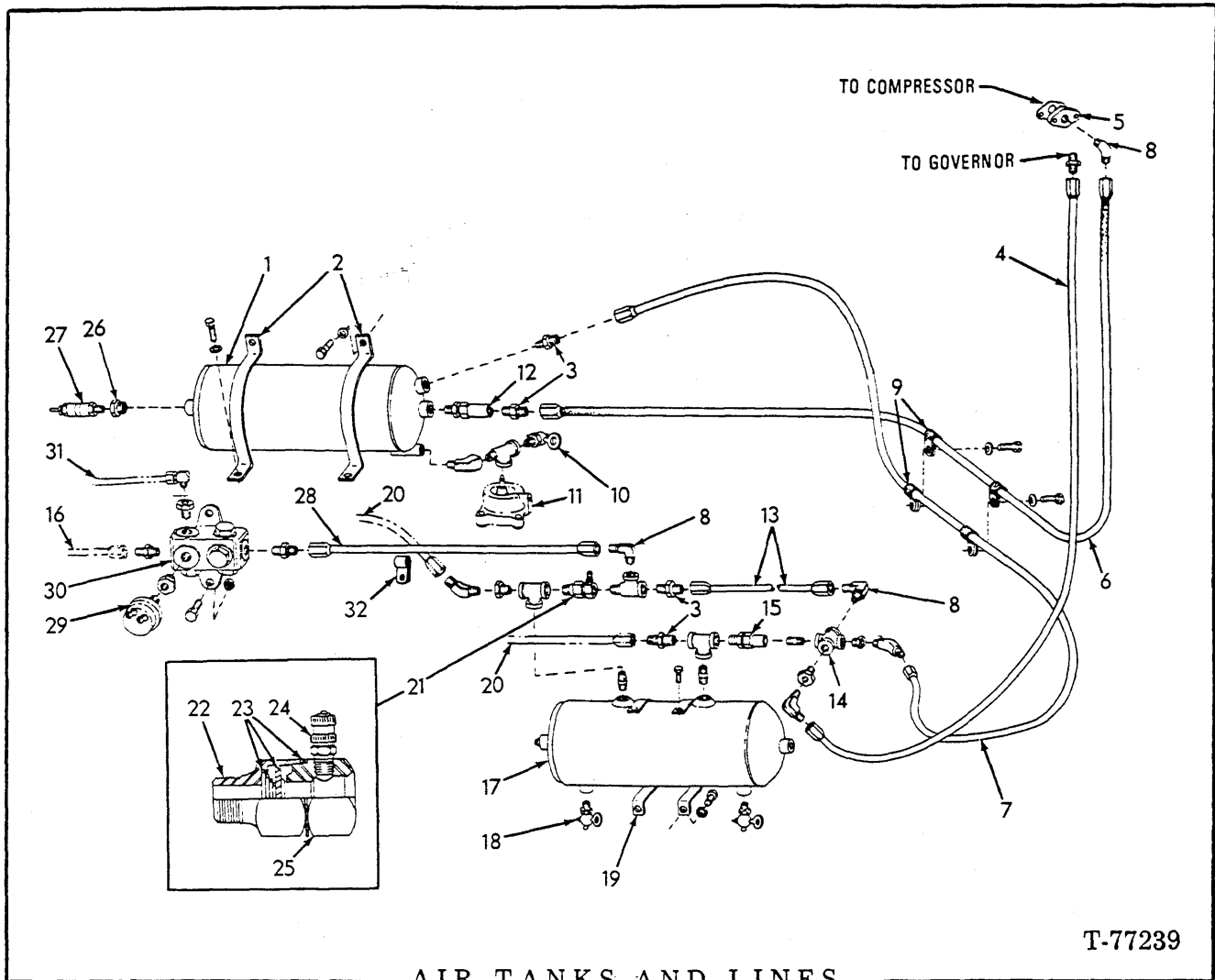
ITEM	PART NO.	QTY.	DESCRIPTION
2	73047506	1	TREADLE ASSY. (Includes items 1, 3 and 6 on page 134)
	70921566	3	CAPSCREW, 5/16" NC x 1"
	70677005	3	WASHER
	70911025	3	NUT, 5/16" NC
3	73054055	1	BAR
	70922763	4	CAPSCREW, 3/8" NC x 1"
	70911026	4	NUT, 3/8" NC
4	-----	-	TUBE ASSY. (See page 139)
5	70929233	2	TEE, 3/8" NPT
	70917368	3	NIPPLE, 3/8"x 1" NPT
	70901835	1	BUSHING, 1/2" to 3/8"
6	70917351	2	BUSHING, 3/8" x 1/4" NPT
	70919497	2	CONNECTOR, 1/4" tube, 1/4" NPT
7	70917354	2	CONNECTOR, 1/2" tube, 3/8" NPT
8	70929234	1	ELBOW, 3/8" NPT
	70928861	1	NIPPLE, 3/8" x 1-1/2"
9	73058282	2	VALVE
	70921185	2	ELBOW, 1/4" tube, 1/4" NPT
	70927370	2	ELBOW, 1/2" tube, 3/8" NPT
	70917368	1	NIPPLE, 3/8" x 1" NPT
	70918951	1	PLUG, 3/8" NPT
10	73031667	1	SWITCH
	70917351	1	BUSHING, 3/8" x 1/4" NPT
11	73059067	1	TUBE ASSY. } to air
12	73059066	1	TUBE ASSY. } tanks
13	73067219	2	TUBE ASSY.
	70917370	4	ELBOW, 1/2" tube, 3/8" NPT
	71005176	2	HOSE, spiral cut
14	70925094	9	TIE
15	70928927	1	CLAMP
	70922300	1	CAPSCREW, 3/8" NC x 3/4"
16	70928623	2	CLAMP
	70922763	2	CAPSCREW, 3/8" NC x 1"
	70677006	2	WASHER
17	73067214	1	SUPPORT, weld assy.
	70920582	3	CAPSCREW, 1/2" NC x 1-1/4"
	70677008	3	WASHER
	70911028	3	NUT, 1/2" NC
18	73066950	1	BRACKET
	70920582	2	CAPSCREW, 1/2" NC x 1-1/4"
	70677008	2	WASHER
	70911028	2	NUT, 1/2" NC
	70928380	4	CAPSCREW, 7/16" NF x 1"
	70677007	4	WASHER
19	73067232	1	STRAP
	70920583	2	CAPSCREW, 1/2" NC x 1-1/2"
	70677008	2	WASHER
	70911028	2	NUT, 1/2" NC
20	73067266	2	TUBE ASSY.
	70923641	2	ELBOW, 90°, 1/2" tube, 3/8" NPTF x 3/4" st. thd.
	70920690	2	ELBOW, 45°, 1/2" tube, 3/8" NPTF x 3/4" st. thd.
21	-----	2	RESERVOIR ASSY. (See page 124)
	70921076	8	CAPSCREW, 3/8" NC x 1-1/4"
	70677006	8	WASHER
	70911026	8	NUT, 3/8" NC

(Continued)

(Revised October 1980)

AIR BRAKE LINES (Continued)

ITEM	PART NO.	QTY	DESCRIPTION
22	.....	2	PRESSURE CONVERTER ASSY. (See pages 122 and 123A)
	70920583	4	CAPSCREW, 1/2" NC x 1-1/2"
	70677008	4	WASHER
	70911028	4	NUT, 1/2" NC
23	.....	2	BREATHER ASSY. (See page 125)
	70921727	2	ADAPTER, 3/8" pipe
24	70925621	1	CLAMP
	70922300	1	CAPSCREW, 3/8" NC x 3/4"
	70677006	1	WASHER



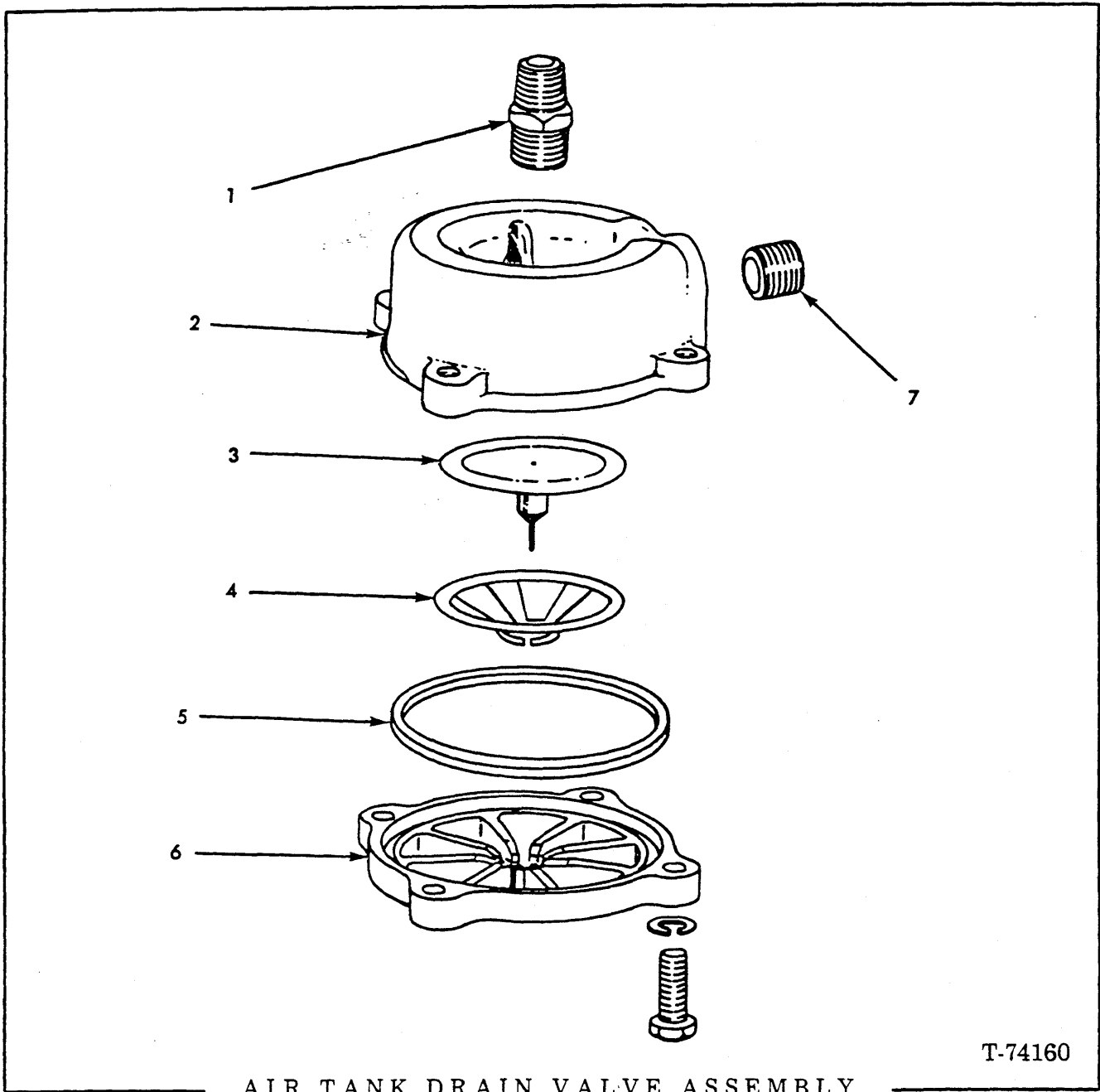
AIR TANKS AND LINES

ITEM	PART NO.	QTY.	DESCRIPTION
1	73046823	1	TANK
2	73047423	2	STRAP
	70916381	2	CAPSCREW, 3/8" NF x 3/4"
	70922300	2	CAPSCREW, 3/8" NC x 3/4"
	70677006	4	WASHER
3	70921184	4	CONNECTOR, 1/2" tube, 1/2" NPT
4	73059069	1	TUBE ASSY.
	70917503	1	BUSHING, pipe, 1/2" x 1/4"
	70921185	1	ELBOW, male, 1/4" tube, 1/4" NPT
	70914626	1	CONNECTOR, 1/4" tube, 1/8" NPT
5	73029930	1	ADAPTER
	74040302	1	GASKET
	70921566	2	CAPSCREW, 5/16" NC x 1"
6	73047218	1	HOSE ASSY. (Serviced only as a unit)
7	73059065	1	TUBE ASSY.
	70901835	1	BUSHING, 1/2" to 3/8"
	70928624	1	ELBOW, 1/2" tube, 3/8" NPT
8	70921186	3	ELBOW, male, 1/2" tube, 1/2" NPT

(Continued)

AIR TANKS AND LINES (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
9	70925617	4	CLAMP
	70922300	2	CAPSCREW, 3/8" NC x 3/4"
	70677006	2	WASHER
10	73029259	1	COCK, drain, 1/4"
	70921104	1	TEE, service, 1/4" NPT
	70922967	1	ELBOW, street, 45°
11	-----	1	VALVE ASSY. (See page 133)
12	73031609	1	VALVE ASSY.
13	73059064	1	TUBE ASSY.
14	70901716	1	CROSS, pipe, 1/2"
15	73031609	1	VALVE ASSY., check
	70916630	1	NIPPLE, pipe, 1/2" x 1-1/8"
16	-----	1	TUBE (See page 126)
	70919497	1	CONNECTOR, 1/4" tube, 1/4" taper thd.
17	73062472	1	TANK
	70916630	2	NIPPLE, pipe, 1/2" x 1-1/8"
	70901705	2	TEE, pipe, 1/2" x 1/2" x 3/8"
	70901835	1	BUSHING, 1/2" to 3/8"
	70928624	1	ELBOW, 45°, 1/2" tube, 3/8" NPT
18	73029259	2	COCK, 1/4"
19	73047421	2	STRAP
	70923683	2	CAPSCREW, 3/8" NC x 3/4"
	70922300	2	CAPSCREW, 3/8" NC x 3/4"
	70677006	2	WASHER
20	-----	2	TUBE (See page 128)
21	70196735	1	VALVE ASSY. (Includes items 22 thru 25)
	70914087	1	TEE, 1/2"
22	-----	1	BODY (Order item 21)
23	70196759	1	REPAIR KIT (Includes spring, seal assy. and washer)
24	70166222	1	VALVE ASSY.
25	-----	1	CAP (Order item 21)
26	70917351	1	BUSHING, pipe, 3/8" to 1/4" NPT
27	70160425	1	VALVE ASSY (Serviced only as a unit)
28	73057997	1	TUBE
	70917354	1	CONNECTOR, 1/2" tube, 3/8" NPT
29	73075841	1	SWITCH
	70901834	1	BUSHING, 1/4" x 1/8" pipe
30	73057492	1	JUNCTION
	70927401	2	CAPSCREW, 1/4" NC x 1"
	70911024	2	PLUG, pipe, 1/4" NPT
31	-----	-	TUBE (To air gauge, see page 241)
	70901834	1	BUSHING, 1/4" to 1/8" NPT
	70928474	1	ELBOW, 3/16" tube, 1/8" NPT
32	70927264	1	CLAMP (use existing capcrew)
	-----	1	CAPSCREW, 1/2" NC x 2" } See page 72
	-----	1	WASHER, 1/2" }

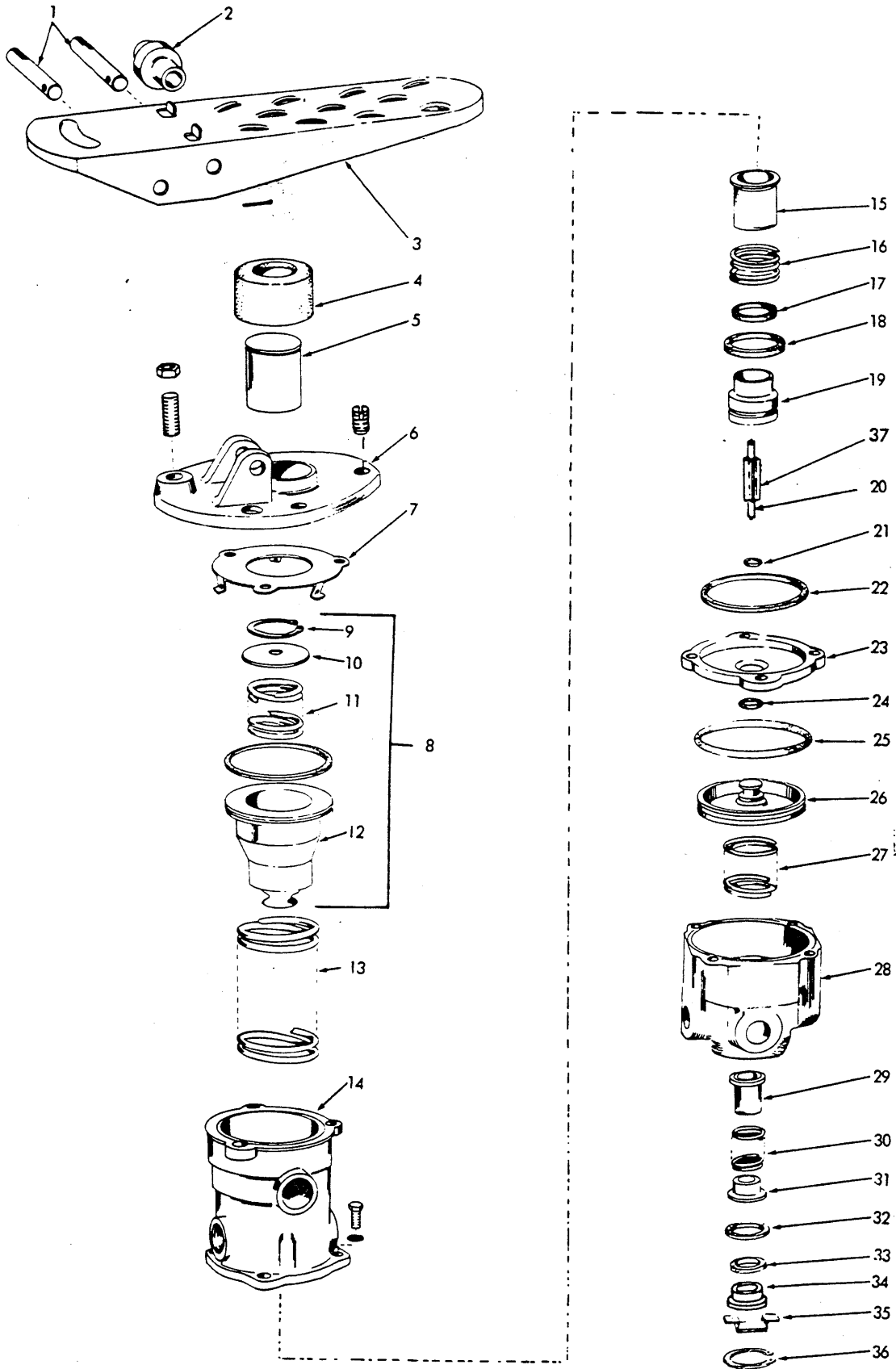


T-74160

AIR TANK DRAIN VALVE ASSEMBLY

USAGE: See page 131.

ITEM	PART NO.	QTY.	DESCRIPTION
-	73103486	1	VALVE ASSY. (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
5	73104685	1	RING
6	-----	1	COVER (Order complete VALVE ASSY.)
	70915813	4	CAPSCREW, 5/16" NC x 7/8"
	70917356	4	LOCKWASHER, 5/16"
7	70918887	1	PLUG, 3/8" NPT



AIR APPLICATION VALVE ASSEMBLY

T-73101

AIR APPLICATION VALVE ASSEMBLY

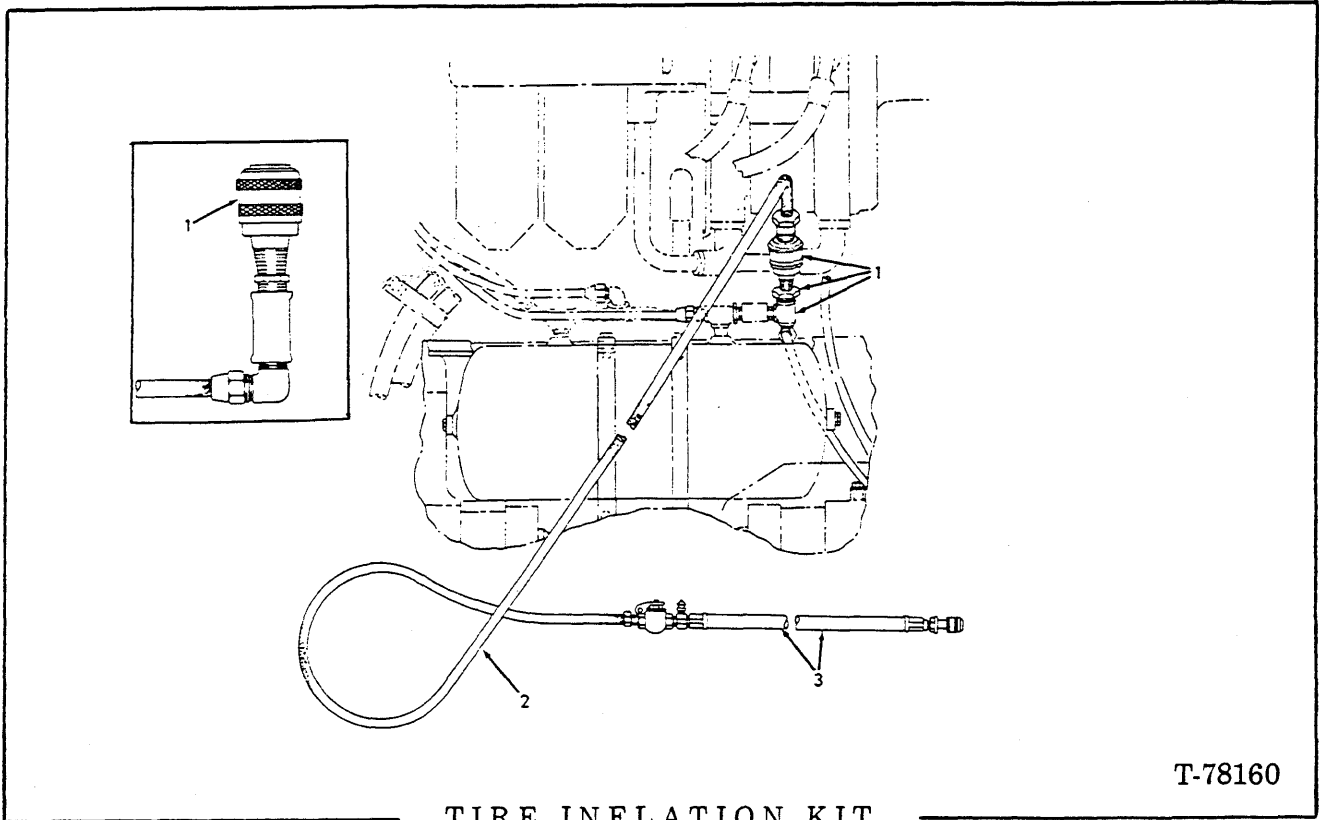
USAGE: See page 128.

ITEM	PART NO.	QTY.	DESCRIPTION
-	73063694	1	VALVE ASSY. (Includes items 1 thru 36)
1	73048322	2	PIN
2	73048319	1	ROLLER
3	73048317	1	TREADLE
	70907801	2	PIN, cotter, 3/32" x 1-1/8"
4	73048318	1	* BOOT
5	73048321	1	PLUNGER
6	73048320	1	FLANGE
	70922463	1	SCREW, set, slotted, 1/4" NC x 1-1/4"
	70911327	1	NUT, 1/4" NC
	70929548	3	SCREW, machine, 5/16" NC x 7/8"
6A	73063682	1	VALVE ASSY. (Includes items 7 thru 36)
7	73048338	1	RETAINER
8	73048340	1	PISTON ASSY. (Includes items 9 thru 12)
9	73048386	1	RING, snap
10	73048338	1	RETAINER
11	73048388	1	SPRING
12	-----	1	† PISTON (Order Maintenance Kit, item 38)
	70923580	1	* O-RING
13	73048342	1	† SPRING
14	-----	1	BODY (Order item 6A)
	70919351	4	CAPSCREW, 1/4" NC x 7/8"
	70904204	4	LOCKWASHER, 1/4"
15	73048344	1	* VALVE
16	73048345	1	† SPRING
17	70931135	1	* PACKING
18	70926804	1	* SEAL
19	73048346	1	† GUIDE
20	73053758	1	ROD
21	70923944	1	* O-RING
22	70926805	1	* SEAL
23	-----	1	COVER (Order item 6A)
24	70923558	1	* O-RING, secondary piston (small)
25	70931189	1	* O-RING, secondary piston (large)
26	-----	1	† PISTON (Order Maintenance Kit, item 38)
27	73048376	1	† SPRING
28	-----	1	BODY (Order item 6A)
29	-----	1	* VALVE (Order Seal Kit, item 38)
30	73063690	1	† SPRING
31	-----	1	† GUIDE (Order Maintenance Kit item 38)
32	70923376	1	* SEAL
33	70931134	1	* SEAL
34	-----	1	† RETAINER (Order Maintenance Kit item 38)
35	-----	1	† SHIELD (Order Maintenance Kit item 38)
36	70931133	1	* RING
37	73053759	1	† GUIDE
38	{ 73063683	1	SEAL KIT
			73063684	1	MAINTENANCE KIT

* Included in item 37 SEAL KIT

† Included in item 37 MAINTENANCE KIT

(Revised July 1979)

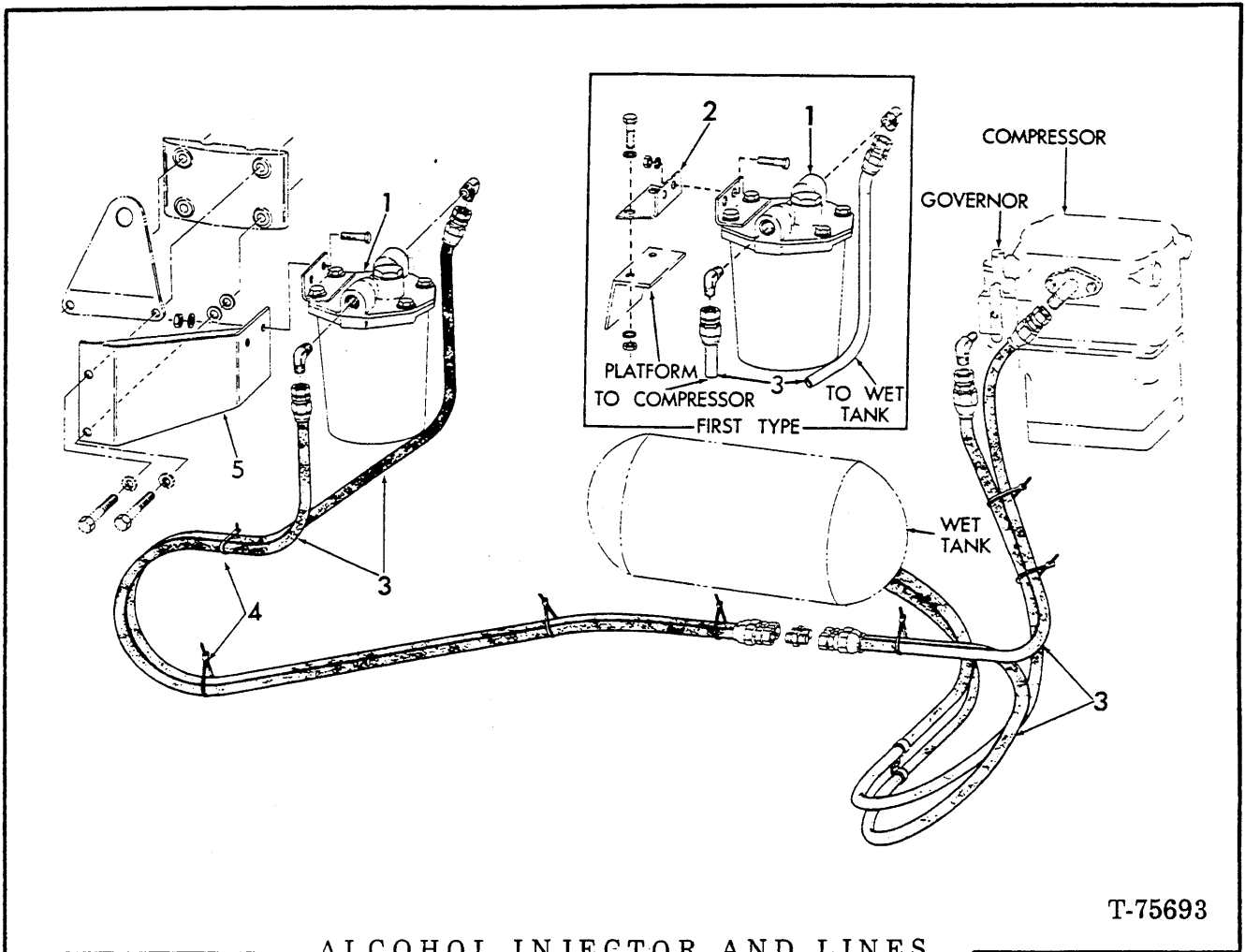


TIRE INFLATION KIT

T-78160

USAGE: Special Equipment

ITEM	PART NO.	QTY.	DESCRIPTION
1	70185967	1	AIR CHUCK UNIT
	70901705	1	TEE, 1/2"
	70917503	1	REDUCER, 1/2" to 1/4"
	70901500	1	NIPPLE, 1/2" x 1-1/8"
2	73062171	1	HOSE ASSY. (Serviced only as an assy.)
3	70185966	1	AIR CHUCK ASSY.



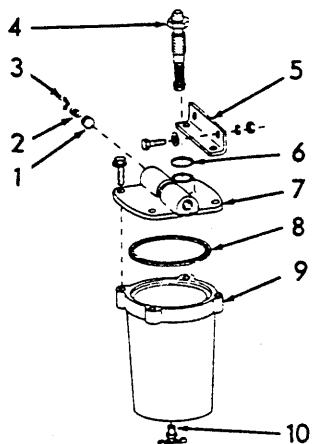
ALCOHOL INJECTOR AND LINES

T-75693

USAGE: Special Equipment

NOTE: If Heavy Duty Oil Filter (page 34) is to be used simultaneously with Alcohol Injector Item 5 must be used, otherwise, Item 2 is used.

ITEM	PART NO	QTY.	DESCRIPTION
1	.....	1	INJECTOR ASSY. (See page 138)
	70916271	2	CAPSCREW, 3/8" NC x 1"
	70910287	2	LOCKWASHER, 3/8"
	70910324	2	NUT, 3/8" NC
2	73058063	1	BRACKET
	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)
5	73059765	1	BRACKET, weld assy.
	70916191	2	CAPSCREW, 7/16" NC x 1-1/2" } Existing hardware at
	70914678	2	LOCKWASHER, 7/16" } cylinder head
	70912298	2	WASHER, shim, 7/16"

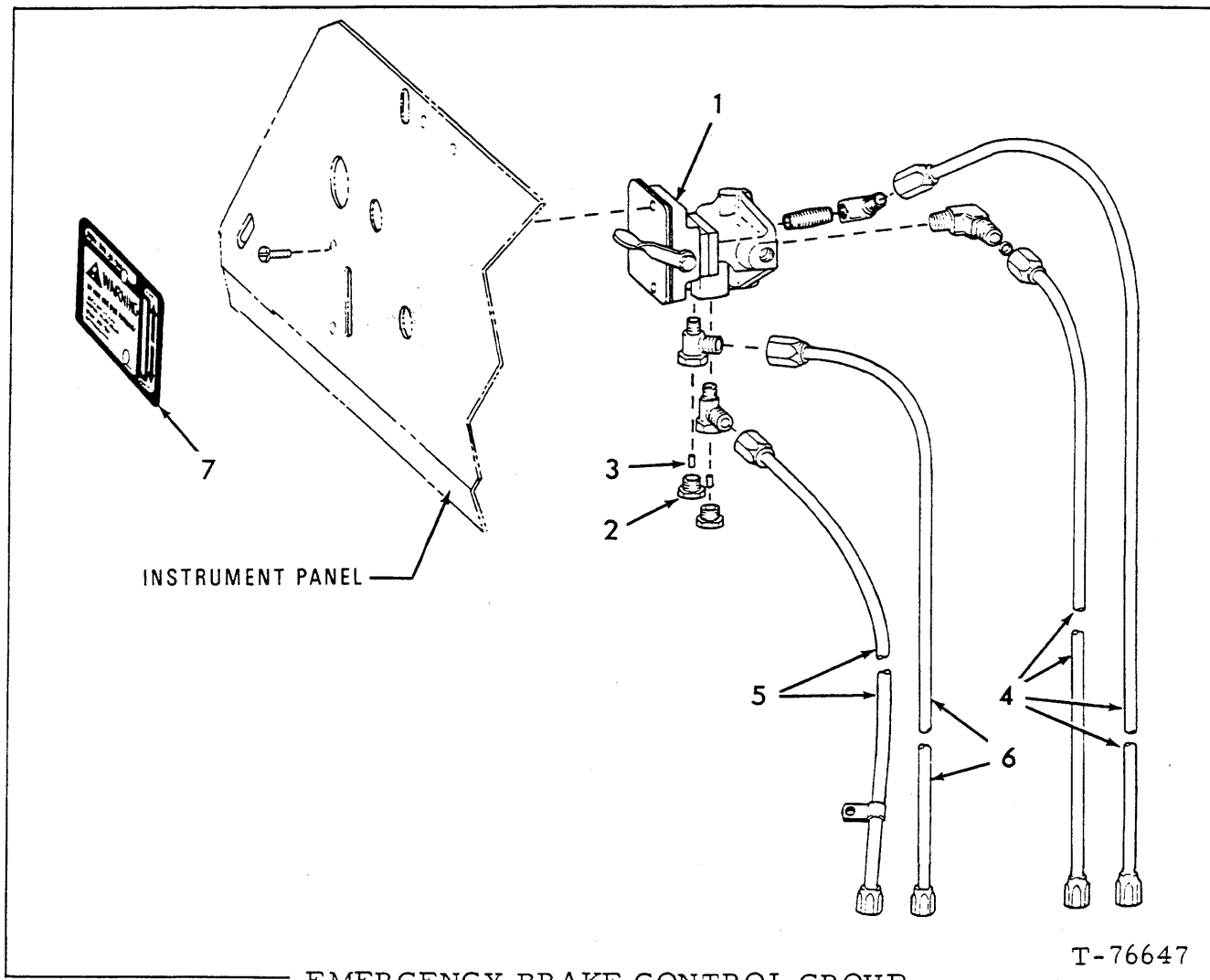


T-77178

ALCOHOL INJECTOR ASSEMBLY

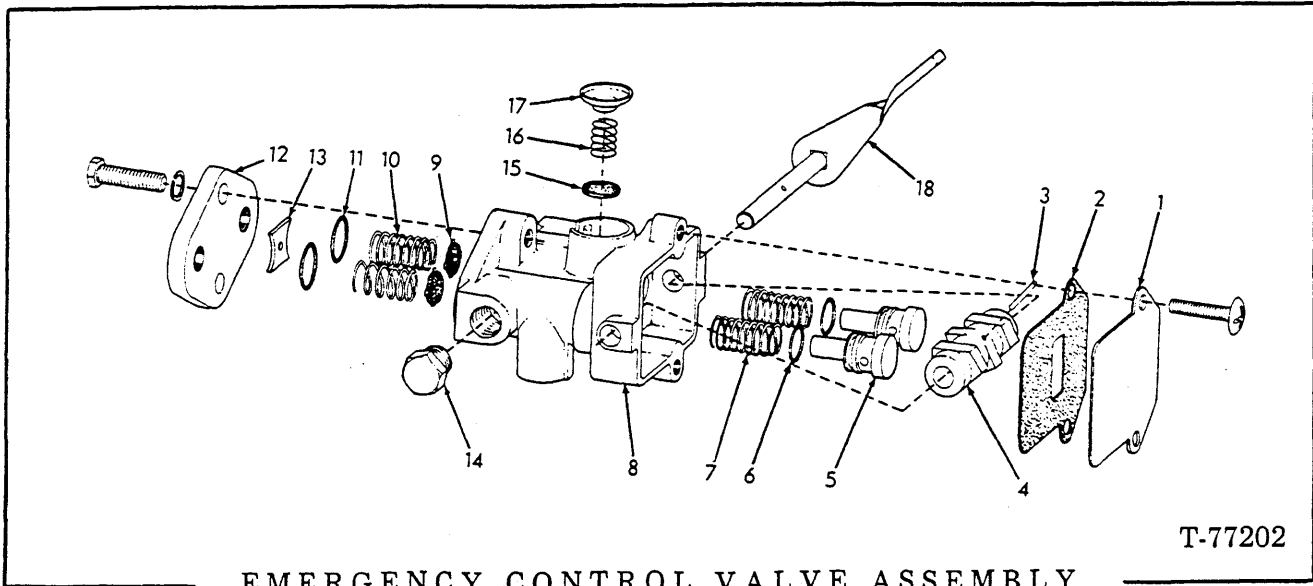
USAGE: Special Equipment. See page 137.

ITEM	PART NO.	QTY.	DESCRIPTION
-	73059030	1	INJECTOR ASSY. (includes items 1 thru 10)
1	-----	1	VALVE
2	-----	1	SPRING
3	-----	1	RETAINER
4	73059055	1	VALVE
5	73048748	1	BRACKET
	70916271	2	CAPSCREW, 3/8" NC x 1"
	70910287	2	LOCKWASHER, 3/8"
	70910324	2	NUT, 3/8" NC
6	-----	1	SEAL (Order item 11)
7	73059054	1	COVER ASSY
	70927477	4	SCREW, self-tapping, 5/16"
8	-----	1	SEAL (large)(Order item 11)
9	73048741	1	RESERVOIR
10	70915514	1	DRAIN COCK
11	73048750	-	REPAIR KIT (Includes items 1, 2, 3, 6 and 8)



ITEM	PART NO.	QTY.	DESCRIPTION
1	-----	1	VALVE ASSY. (see page 140)
	73059409	2	SCREW, No. 10
	70911017	1	ELBOW, make, 1/4" tube, 1/8"NPT
	70919843	2	TEE, 1/4" tube, 1/8" taper thd.
	70928800	1	ELBOW, compression, 1/4" tube, 7/16" str. thd. male
	70917495	1	NIPPLE, pipe, 1/8"NPT x 3/4"
2	73058882	2	PLUG ASSY. (includes item 3)
3	-----	2	FILTER (Order item 2)
4	73059071	2	TUBE ASSY., 45" long
5	73059074	1	TUBE ASSY., 38" long
6	73059076	1	TUBE ASSY., 53" long
7	73066553	1	DECAL

} Serviced only as a unit

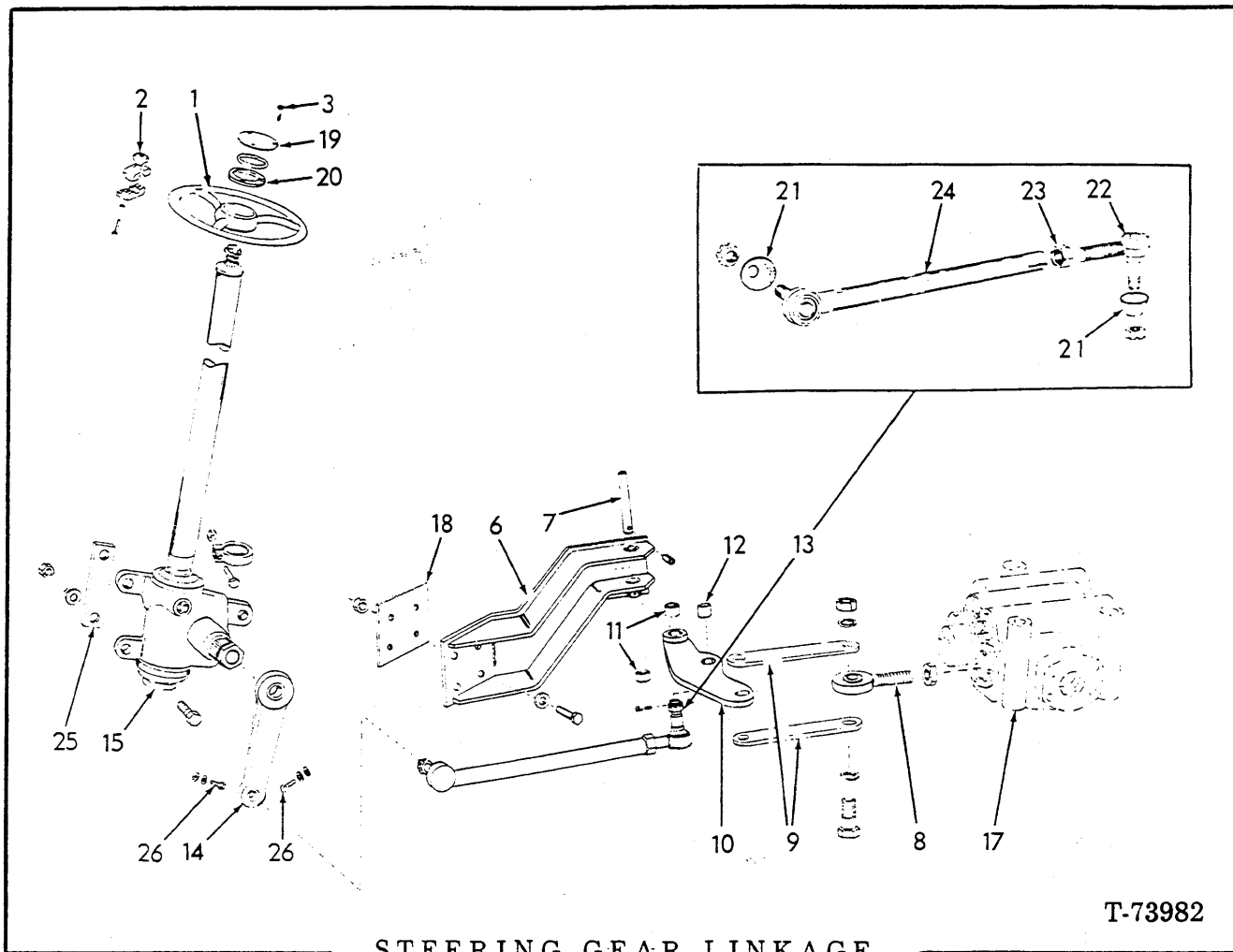


T-77202

EMERGENCY CONTROL VALVE ASSEMBLY

USAGE: See page 139.

ITEM	PART NO.	QTY.	DESCRIPTION
-	73058327	-	VALVE ASSY. (includes item 1 thru 18)
1	73059408	1	PLATE
	73059409	2	SCREW, No. 10
2	73059407	1	GASKET
3	73059403	1	PIN
4	73059401	1	CAM
5	73033340	2	PLUNGER
6	70923559	2	O-RING
7	73033342	2	SPRING
8	-----	1	BODY (Order complete VALVE ASSY.)
9	73033337	2	VALVE
10	73033336	2	SPRING
11	70923376	2	O-RING
12	73059406	1	PLATE
	70916019	2	CAPSCREW, 1/4" NC x 3/4"
	70917209	2	LOCKWASHER, 1/4"
13	-----	1	SPACER (Order complete VALVE ASSY.)
14	70919134	1	PLUG, 1/8" NPT
15	73059410	1	DIAPHRAGM
16	73059411	1	SPRING
17	73059412	1	RETAINER
18	-----	1	LEVER ASSY. (Order complete VALVE ASSY.)



STEERING GEAR LINKAGE

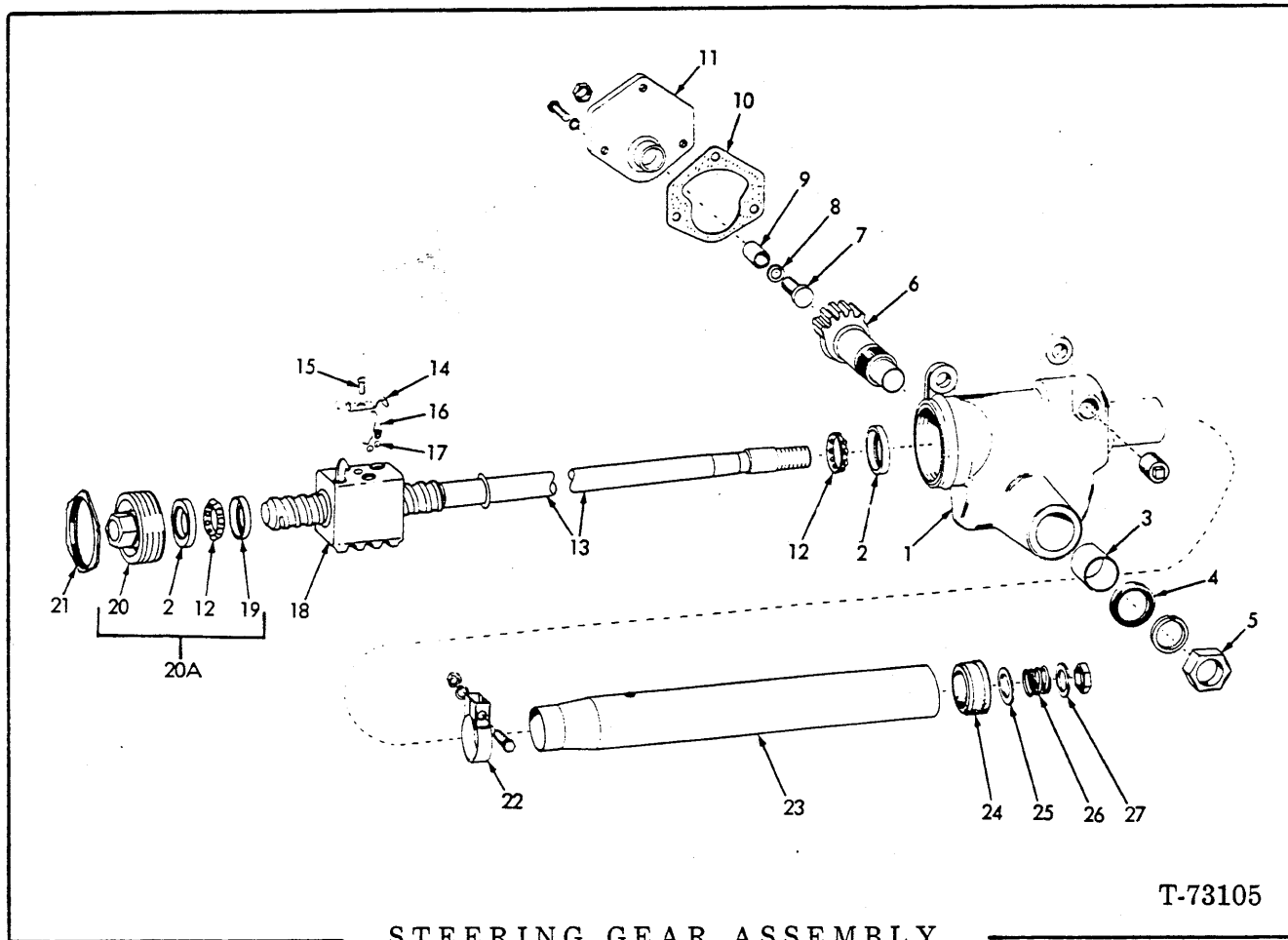
T-73982

ITEM	PART NO.	QTY.	DESCRIPTION
1	73043399	1	WHEEL
2	73055371	1	KNOB (See MACHINERY MANUAL)(Special Equipment)
3	73048971	3	SCREW, No. 8 x 1-1/4"
6	73054694	1	BRACKET
	70921597	4	CAPSCREW, 5/8" NC x 3"
	70677010	4	WASHER
	70911029	4	NUT, safety, 5/8" NC
7	73046614	1	PIN, pivot
	70917758	1	PIN, 1/4" x 1-3/4"
8	73048990	1	BEARING
	70910847	1	NUT, jam, 3/4" NF
9	73068584	2	BAR
	70916333	2	CAPSCREW, 3/4" NF x 2-3/4"
	73050388	2	WASHER
	70921343	2	NUT, safety, 3/4" NF
	70910255	2	WASHER, plain, 13/16"

(Continued)

STEERING GEAR LINKAGE (Continued)

ITEM	PART NO.	QTY	DESCRIPTION	
10	73105916	1	LEVER ASSY. (Includes items 11 and 12)	
11	73007065	2	BUSHING	
12	73048988	1	BUSHING	
13	73046394	1	ROD ASSY. (Includes items 21 thru 24)	
	70900806	1	PIN, cotter, 1/8" x 1"	
14	73046279	1	ARM	
15	-----	1	GEAR ASSY. (See page 143)	
	70922526	3	CAPSCREW, 1/2" NC x 2-1/2"	
	70677008	2	WASHER	
	70900369	3	NUT, 1/2" NC	
17	-----	1	VALVE ASSY., steering (See page 152)	
	-----	3	CAPSCREW, nylok, 1/2" NC x 5-1/2"	} See page 148
	-----	3	WASHER, plain, 9/16"	
	-----	3	WASHER, plain, 1/2"	
	-----	3	WASHER, plain, 1/2"	
18	{ 73047415	4	SHIM (.0625" thick)	} Use as required
	{ 73050381	1	SHIM (.250" thick)	
19	73062754	1	MEDALLION	
20	73048968	1	SPACER	
	70923582	1	O-RING	
21	73048337	2	SEAL	
22	73048336	1	SOCKET ASSY. (Includes items 21 and NUT below)	
	70910867	1	NUT, slotted, 1/2" NF	
23	73048335	1	NUT, locking	
24	73048334	1	LINK ASSY. (Includes item 21 and NUT below)	
	70910867	1	NUT, slotted, 1/2" NF	
25	73056372	1	SPACER	
26	70922763	2	CAPSCREW, 3/8" NC x 1"	
	70911115	10	WASHER, plain, 1/2"	
27	{ 73066565	1	TAG, bucket control	} Fastened to item 15. Not Illustrated
	{ 73066566	1	TAG, articulation lock	
	{ 73066567	1	TAG, do not remove bucket	



USAGE: See page 141.

ITEM	PART NO.	QTY.	DESCRIPTION	
-	73075945	1	GEAR ASSY. KIT (Includes items 1 thru 27)	
1	73075947	1	HOUSING ASSY. KIT (Includes items 2 and 3)	
	70905261	1	PLUG, 1/2" NPT	
2	73048096	2	CUP	
3	73003893	1	BUSHING	
4	73059179	1	SEAL	
5	73044546	1	NUT	
	70905347	1	LOCKWASHER, 7/8"	
6	73075948	1	GEAR	
7	73059196	1	ADJUSTER	
8	70910876	1	NUT, jam, 7/16" NF	
8	73044365	1	SHIM KIT (Includes 1 each of the following shims)	
	73003883	1		SHIM (.063" thick)
	73003884	1		SHIM (.065" thick)
	73003885	1		SHIM (.067" thick)
	73003886	1		SHIM (.069" thick)
9	73059198	1	BUSHING	
10	73048271	1	GASKET	
11	73059197	1	COVER ASSY. (Includes item 9)	
	73059200	3	BOLT	

Use as required

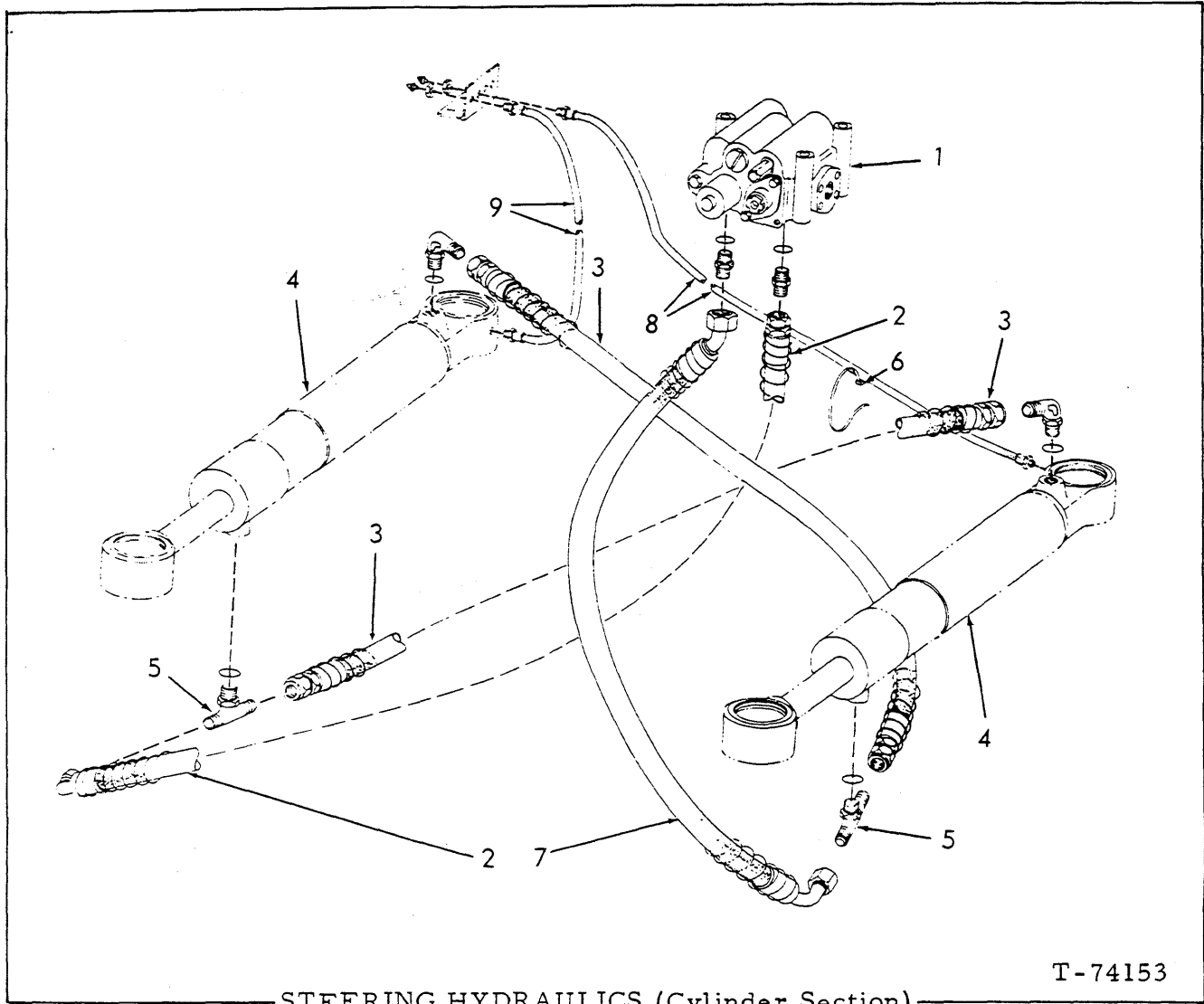
(Continued)

(Revised October 1980)

STEERING GEAR ASSEMBLY (Continued)

ITEM	PART NO.	QTY	DESCRIPTION
12	73048095	2	BEARING
13	73075946	1	SHAFT ASSY. (Includes items 14 thru 18)
14	73048278	1	CLAMP
15	73003933	1	BOLT ASSY. (Includes washer)
16	73048279	4	GUIDE
17	73006597	54	BALL
18	-----	1	NUT (Order item 13)
19	73048097	1	RETAINER
20	73048094	1	ADJUSTER
20a	73059204	1	ADJUSTER ASSY. (Includes items 2, 12, 19 and 20)
21	73059202	1	NUT
22	73048270	1	CLAMP
	73048269	1	BOLT
	70910233	1	NUT, 5/16" NF
	70904205	1	LOCKWASHER, 5/16"
23	73048754	1	JACKET ASSY.
24	73048753	1	BEARING ASSY. (Serviced only as an assy.)
25	73003888	1	SEAT
26	73003894	1	SPRING
27	73003891	1	WASHER
	70913177	1	NUT, jam, 1/2" NF

(Revised October 1980)



STEERING HYDRAULICS (Cylinder Section)

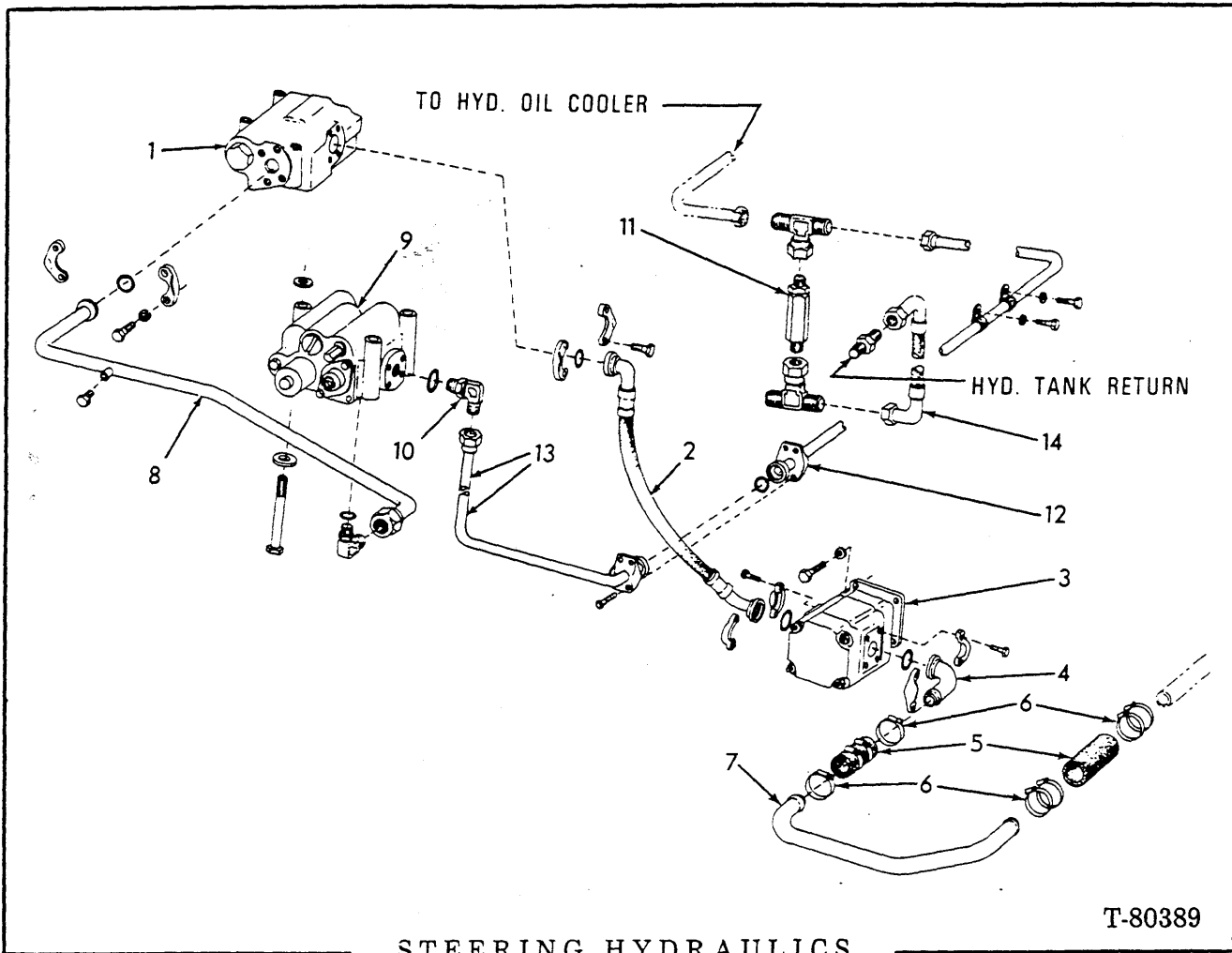
T-74153

ITEM	PART NO.	QTY.	DESCRIPTION
1	-----	1	VALVE ASSY., steering (See page 152)
2	73046772	1	HOSE ASSY., valve to cylinder (See page 8)
	70921217	1	CONNECTOR, 3/4" tube, 1-1/16" str.thd. (Includes O-ring indented below)
	70921206	1	O-RING, 3/4" tube
3	73046776	2	HOSE ASSY. (See page 8)
	70921203	2	ELBOW, 3/4" tube, 1-1/16" str.thd. (Includes O-ring indented below)
	70921206	2	O-RING, 3/4" tube
4	-----	2	CYLINDER ASSY., steering (See page 146)
	70914465	2	FITTING, lube, 1/8"NPT
5	709q1318	2	TEE, 3/4" tube, 1-1/16" str.thd. (Includes O-ring indented below)
	70921206	2	O-RING, 3/4" tube
6	70198775	3	STRAP

(Continued)

STEERING HYDRAULICS (Cylinder Section)(Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
7	73065150	1	HOSE ASSY. (Serviced only as an Assy.)
	70921217	1	CONNECTOR, 3/4" tube, 1-1/16" str.thd. (Includes O-ring)
	70921206	1	O-RING
8	73066607	1	HOSE ASSY. (53" long, serviced only as an Assy.)
	70933010	1	NUT, jam, 1/8"
	70912808	1	FITTING, lub, str., 1/4"
9	73066604	1	HOSE ASSY. (31" long, serviced only as an Assy.)
	70933010	1	NUT, jam, 1/8"
	70912808	1	FITTING, lub, str. 1/4"

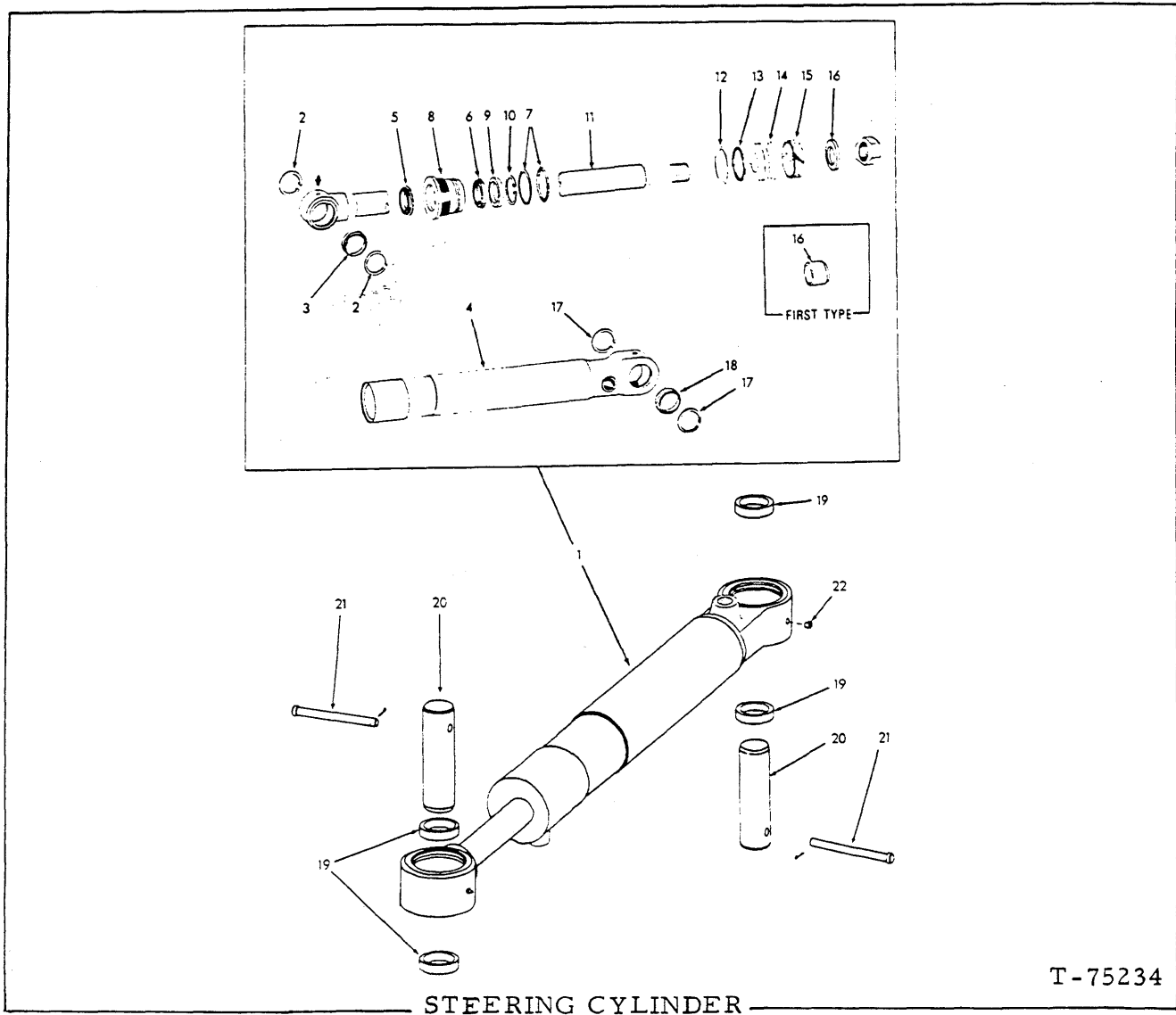


STEERING HYDRAULICS
(Pump & Valve Section)

T-80389

ITEM	PART NO.	QTY.	DESCRIPTION	
1	-----	1	VALVE ASSY., demand (See page 150)	
2	73061282	1	HOSE ASSY. (Serviced only as a unit)	
	70921116	2	FLANGE, split, 1"	} At Item 1
	70923718	1	O-RING, 1-19/64"	
	70921076	4	CAPSCREW, 3/8" NC x 1-1/4"	
	70911117	2	FLANGE, split, 1-1/4"	
	70924192	1	O-RING, 1-31/64"	
	70921569	4	CAPSCREW, 7/16" NC x 1-1/4"	} At Item 3
3	-----	1	PUMP ASSY., steering (See page 151)	
	70920583	4	CAPSCREW, 1/2" NC x 1-1/2"	
	70928460	4	WASHER, 1/2"	
4	73061426	1	TUBE ASSY.	
	70921118	2	FLANGE, split, 1-1/2"	
	70924193	1	O-RING, 1-55/64"	
	70920582	4	CAPSCREW, 1/2" NC x 1-1/4"	
5	73006439	2	HOSE	
6	70921912	8	CLAMP	
7	73061427	1	TUBE ASSY.	

(Continued)



USAGE: See page 145

NOTE: Quantity listed is for one Cylinder Assy. and installation.

ITEM	PART NO.	QTY.	DESCRIPTION
1	73058326	1	CYLINDER ASSY. (First type. Loaders prior to unit No. 04227)(Includes items 2 thru 18)
	73071013	1	CYLINDER ASSY. (Second type. Loader unit No. 04227 and up)(Includes items 2 thru 18)
2	70925997	2	RING, snap, bushing retainer
3	70928893	1	BUSHING, self-aligning
4	73047988	1	TUBE ASSY., cylinder (First type)(Includes items 17 and 18)
	73071012	1	TUBE ASSY., cylinder (Second type)(Includes items 17 and 18)
	70914465	1	FITTING, lube, 1/8"NPT (First type)
5	73055106	1	SEAL, piston rod
6	73069365	1	SEAL, wiper

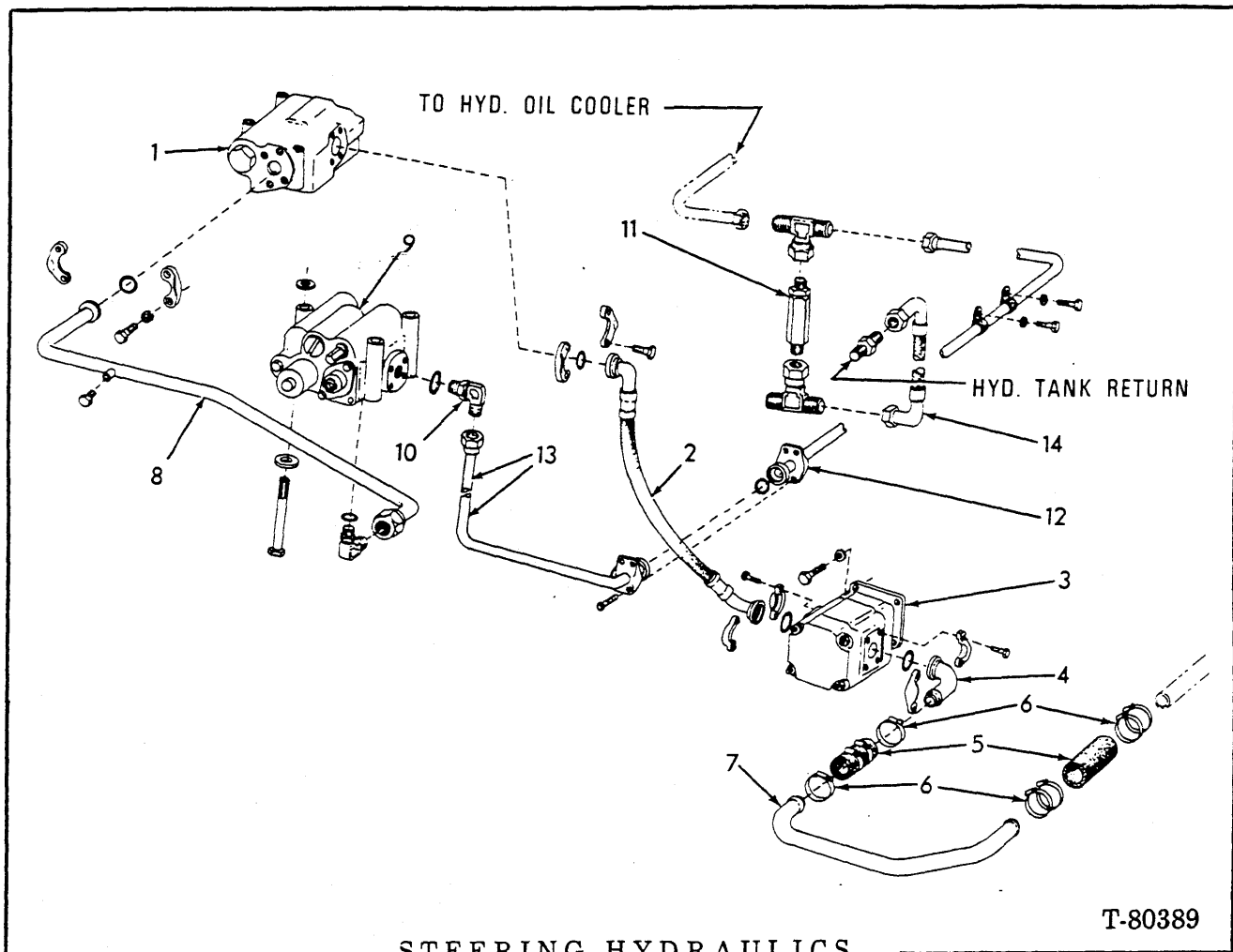
(Continued)

(Revised October 1980)

STEERING CYLINDER (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
7	73063365	1	RING, back up
	70924840	1	O-RING, 3-1/4" I.D.
8	73055321	1	HEAD ASSY. (Includes Head indented below and item 5, 6, 9 and 10)
	73055109	1	HEAD
9	73052493	1	RING, piston rod wiper
10	70925995	1	RING, bearing retainer
11	73055838	1	ROD ASSY., piston (First type, 32-3/4" long, loaders prior to unit No. 04227)(Includes items 2 and 3)
	73071008	1	ROD ASSY., piston (Second type, 32" long, loaders unit No. 04227 and up)(Includes items 2 and 3)
	73073270	1	LOCKNUT, selflocking, 1-1/8"NPT
	70914465	1	FITTING, lube, 1/8"NPT
12	73054150	1	RING, outer
13	70926816	1	RING, inner
14	73058320	1	PISTON
15	73058322	1	RING, wear
16	73050055	1	BOSS (First type)
	70928653	1	WASHER (Second type)
17	70925997	2	RING, snap, bushing retainer
18	70928893	1	BUSHING, self-aligning
19	73045137	4	BOSS
20	73045211	2	PIN, connecting
21	73047537	1	PIN, lock, front
	73001622	1	PIN, lock, rear
	70900806	2	PIN, cotter, 1/8" x 1"
22	70926996	1	PLUG, 1/4"NPT
23	73058324	1	KIT, repair (Includes items 5 thru 12, 13, and 15)

(Revised October 1980)



STEERING HYDRAULICS
(Pump & Valve Section)

T-80389

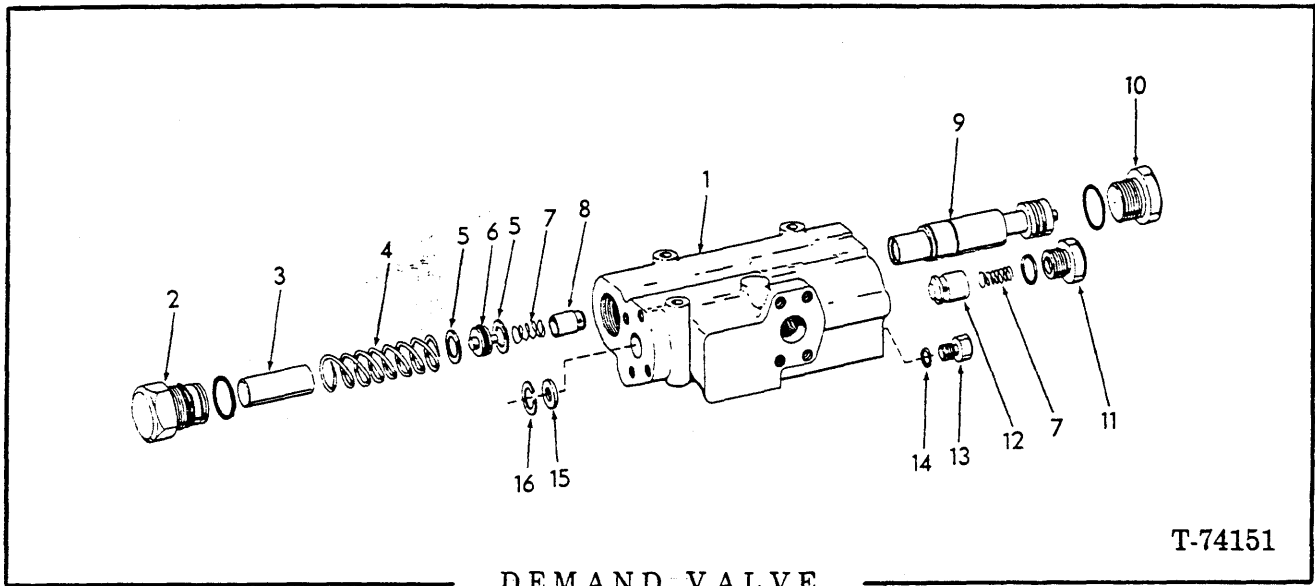
ITEM	PART NO.	QTY.	DESCRIPTION
1	-----	1	VALVE ASSY., demand (See page 150)
2	73061282	1	HOSE ASSY. (Serviced only as a unit)
	70921116	2	FLANGE, split, 1"
	70923718	1	O-RING, 1-19/64"
	70921076	4	CAPSCREW, 3/8" NC x 1-1/4"
	70911117	2	FLANGE, split, 1-1/4"
	70924192	1	O-RING, 1-31/64"
	70921569	4	CAPSCREW, 7/16" NC x 1-1/4"
3	-----	1	PUMP ASSY., steering (See page 151)
	70920583	4	CAPSCREW, 1/2" NC x 1-1/2"
	70928460	4	WASHER, 1/2"
4	73061426	1	TUBE ASSY.
	70921118	2	FLANGE, split, 1-1/2"
	70924193	1	O-RING, 1-55/64"
	70920582	4	CAPSCREW, 1/2" NC x 1-1/4"
5	73006439	2	HOSE
6	70921912	8	CLAMP
7	73061427	1	TUBE ASSY.

(Continued)

STEERING HYDRAULICS (Continued)

(Pump & Valve Section)

ITEM	PART NO.	QTY.	DESCRIPTION	
8	73056138	1	TUBE ASSY.	
	70921116	2	FLANGE, split, 1"	} At Item 1
	70923718	1	O-RING, 1-19/64"	
	70921076	4	CAPSCREW, 3/8" NC x 1-1/4"	
	70910287	4	LOCKWASHER, 3/8"	
	70921227	1	ELBOW, 1" tube, 15/16" str. thd. (Includes O-RING below)		} At Item 9
	70921214	1	O-RING, 1-11/16"	
	70919840	1	PLUG, 1/4" NPT	
9	-----	1	VALVE ASSY., steering (See page 152)	
	70925166	3	CAPSCREW, 1/2" NC x 5-1/2"	
	70910244	3	WASHER, plain, 1/2", 3/32" thick	
	70926192	3	WASHER, plain, 9/16", 1/8" thick (Used between valve and mounting plate)	
10	70921227	1	ELBOW, 1" tube, 1-5/16" str. thd. (Includes O-RING below)	
	70921214	1	O-RING	
11	73106139	1	VALVE ASSY. (Serviced only as a unit)	
	70925835	2	TEE, 1" tube, 1-5/16" str. thd.	
12	73067339	1	TUBE ASSY. (Includes flange)	
	70925621	2	CLAMP	
	70922300	2	CAPSCREW, 3/8" NC x 3/4"	
	70677006	2	WASHER	
13	73067340	1	TUBE ASSY.	
	70921076	4	CAPSCREW, 3/8" NC x 1-1/4"	
	70924200	1	O-RING	
14	73061515	1	HOSE ASSY. (Serviced only as a unit)	
	70919064	1	CONNECTOR, 1" tube, 1-5/16" str. thd.	

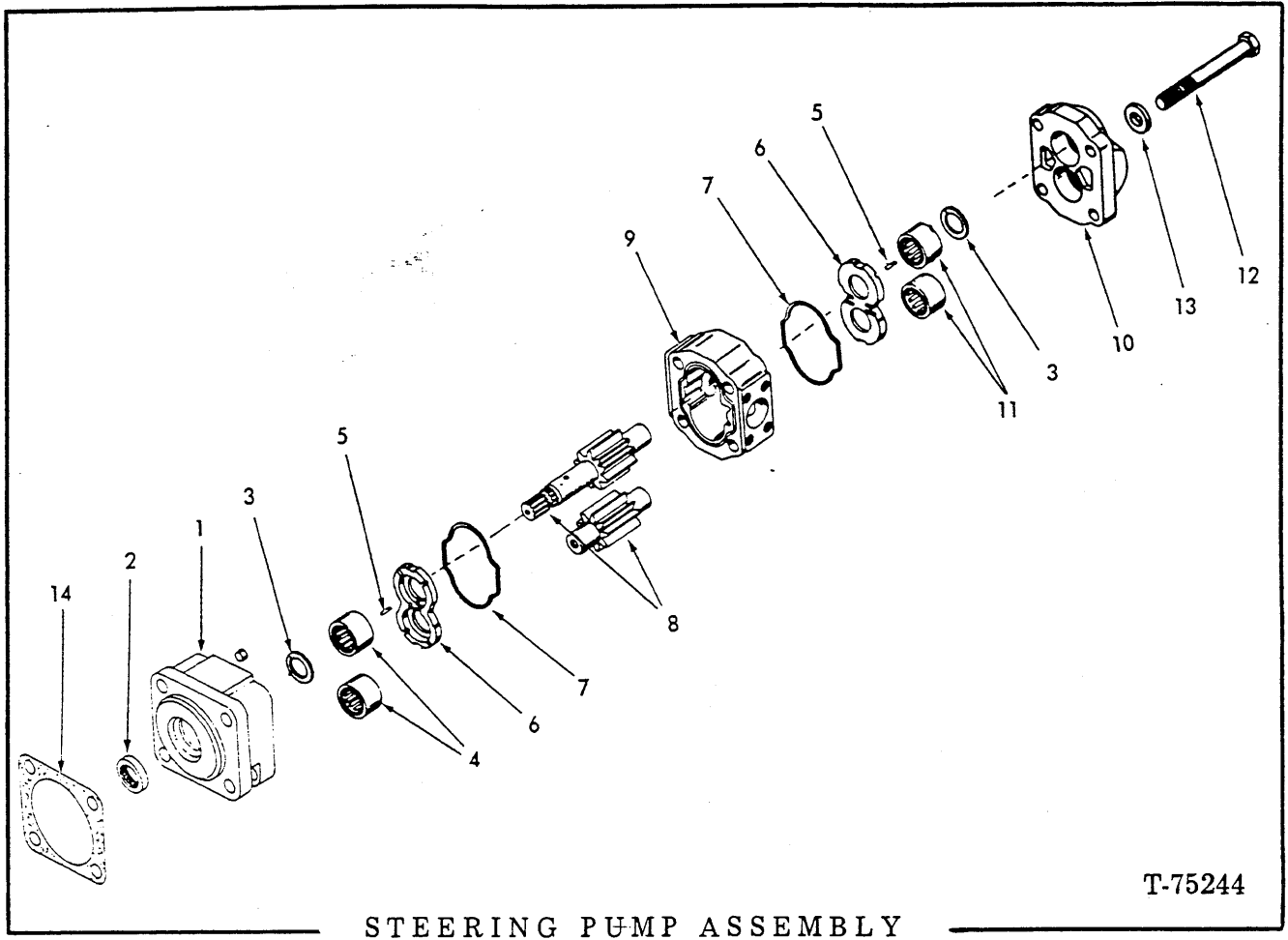


T-74151

DEMAND VALVE

USAGE: See page 154.

ITEM	PART NO.	QTY.	DESCRIPTION
-	70199871	1	VALVE ASSY. (Includes items 1 thru 16)
1	-----	1	HOUSING (Order VALVE ASSY.)
2	73050567	1	CAP
	70925453	1	O-RING
	70926809	1	O-RING
3	73050682	1	SPACER
4	73050683	1	SPRING
5	70927278	2	RING
6	73050571	1	PLUG
	70923645	1	O-RING
7	70636102	2	SPRING
8	73018397	1	CHECK
9	-----	1	PLUNGER (Order VALVE ASSY.)
10	73050570	1	CAP
	70926809	1	O-RING
11	73050568	1	CAP
	70926807	1	O-RING
12	73001717	1	CHECK
13	73050569	1	CAP
14	70926801	1	O-RING
15	73104546	1	PLUG
16	70927279	1	RING

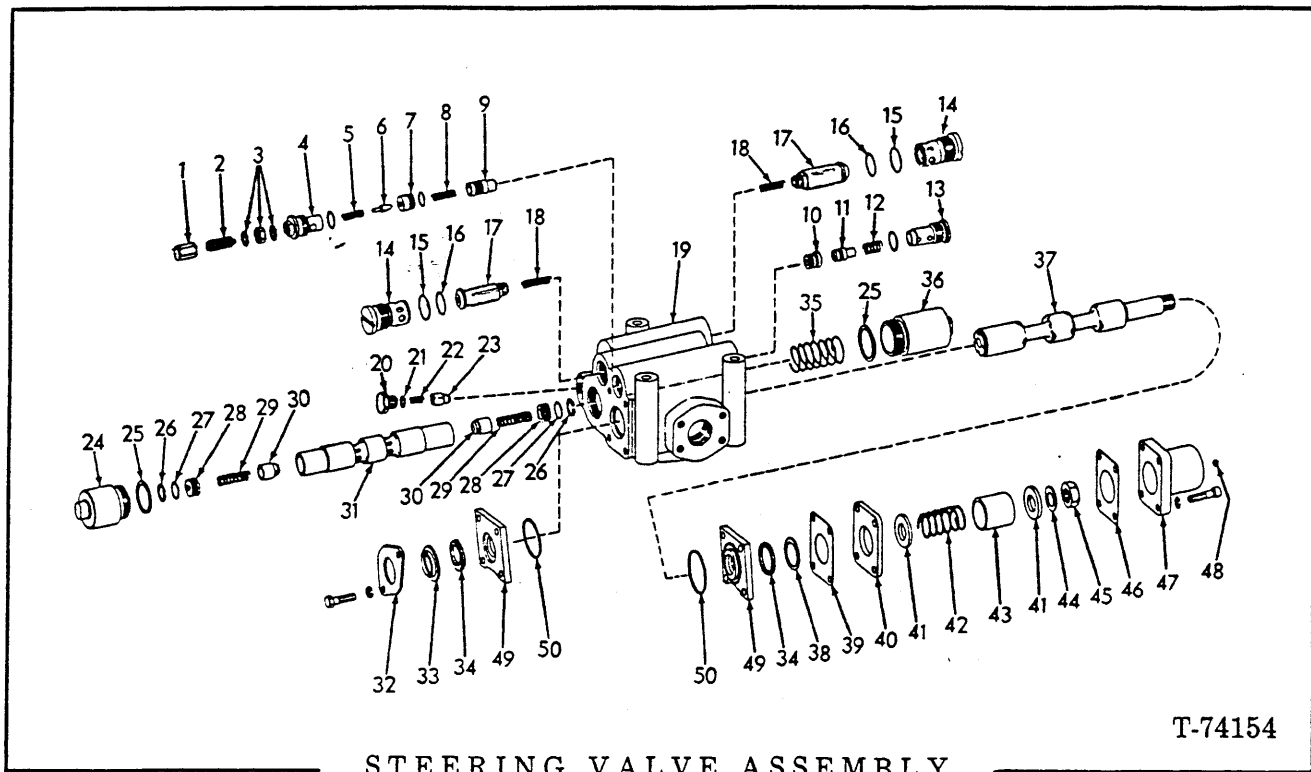


STEERING PUMP ASSEMBLY

T-75244

USAGE: See page 148.

ITEM	PART NO.	QTY.	DESCRIPTION
-	73061281	1	PUMP ASSY. (Includes items 1 thru 14)
1	73061915	1	COVER ASSY. (Includes items 2 and 4, PLUG below and 1 seal)
	70669623	1	PLUG
2	73045975	1	SEAL, double lip
3	73056793	1	KIT, seal (includes 2 seal)
4	73045977	2	BEARING
5	73046521	12	SEAL
6	73064956	2	PLATE
7	70926813	2	SEAL
8	73064959	1	GEAR SET (Consists of drive gear and driven gear)
9	73061820	1	HOUSING, gear
10	73052785	1	COVER, port end (Includes item 11 and 1 seal)
11	73045977	2	BEARING, roller
12	70927303	4	CAPSCREW, 5/8" NC x 5-1/4"
13	70659494	4	WASHER
14	73058299	1	GASKET



STEERING VALVE ASSEMBLY

T-74154

USAGE: See pages 145 and 148.

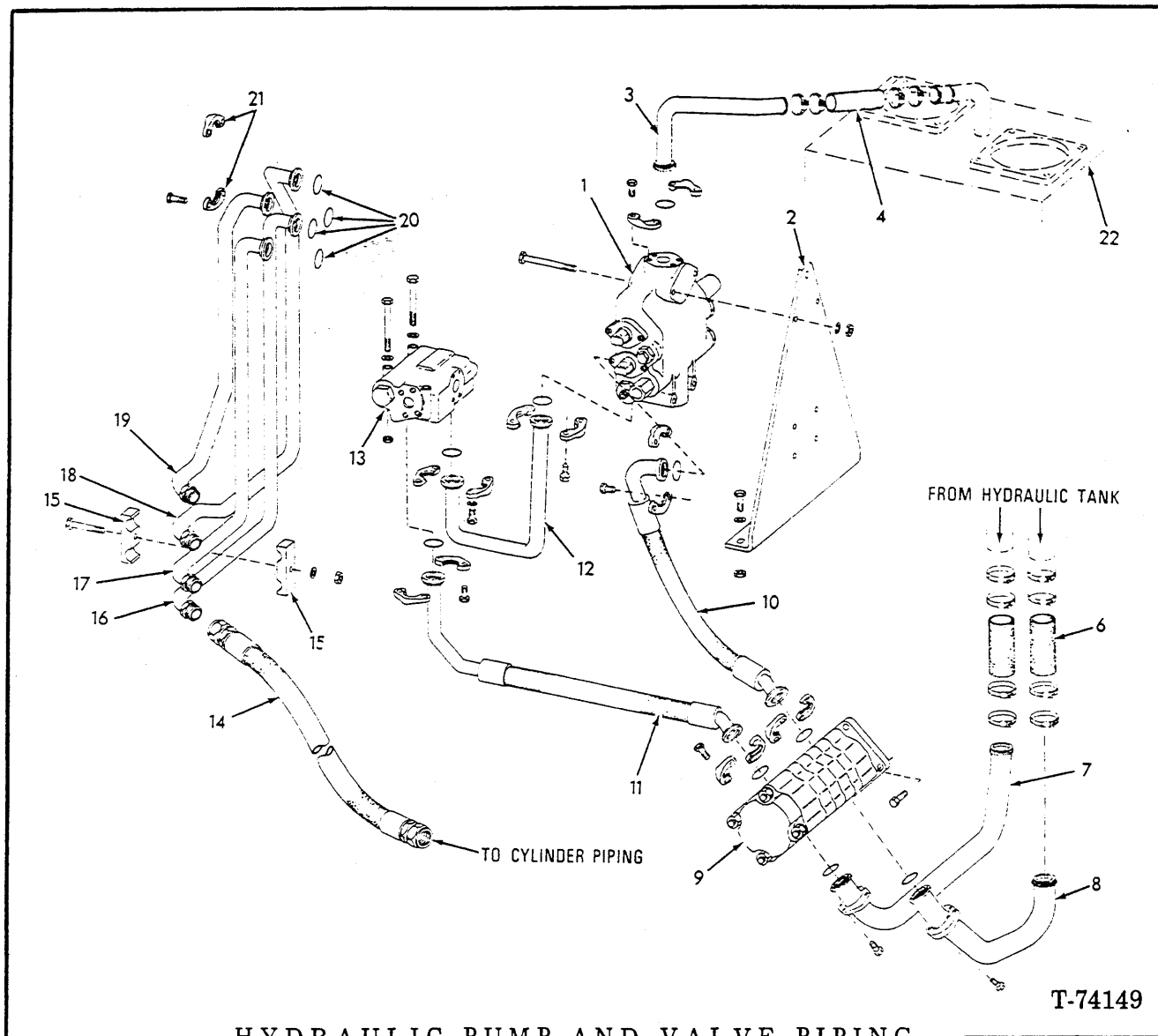
ITEM	PART NO	QTY.	DESCRIPTION
-	73068585	1	VALVE ASSY. (Includes items 1 thru 50)
1	73104135	1	NUT, acorn, 1/2" NF
2	73104134	1	SCREW, adjusting, 1/2" NF
3	70191995	2	WASHER (rubber coated, 0.515" I.D.)
4	70913830	1	NUT, jam, 1/2" NF
4	73104124	1	CAP
	70923574	1	O-RING, 3/4" I.D.
5	73027401	1	SPRING
6	73027397	1	POPJET
7	73104115	1	SEAT
	70923645	1	O-RING, 5/8" I.D.
8	73104138	1	SPRING
9	73068642	1	CHECK
10	73104116	1	SEAT
11	73104118	1	CHECK
12	73104139	1	SPRING
13	73104123	1	CAP
	70923574	1	O-RING, 3/4" I.D.
14	73104114	2	SEAT
15	70923648	2	RING, seal
16	70923562	2	O-RING, 15/16" I.D.
17	73104109	2	VALVE ASSY., relief (Serviced only as an assy.)

(Continued)

(REVISED FEBRUARY, 1985)

STEERING VALVE ASSEMBLY (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION	
18	73068645	2	SPRING	
19	-----	1	HOUSING (Order complete VALVE ASSY.)	
20	73104122	1	CAP	
21	73100089	1	RING, seal	
22	73048073	1	SPRING	
23	73067325	1	CHECK	
24	73070324	1	CAP	
25	70926810	2	RING	
26	70926800	2	RING	
27	70923379	2	O-RING, 11/16" I.D.	
28	73104145	2	PLUG	
29	73104146	2	SPRING	
30	73018397	2	CHECK	
31	-----	1	PLUNGER, lock (Order complete VALVE ASSY.)	
32	73104125	1	RETAINER	
	70916272	2	CAPSCREW, 3/8" NC x 1-1/4"	
	70910287	2	LOCKWASHER, 3/8"	
33	73100727	1	WIPER	
34	73070385	2	SEAL, quad ring	
35	73104144	1	SPRING	
36	73104120	1	CAP	
37	-----	1	SPOOL (Order complete VALVE ASSY.)	
38	73048070	1	RING, back-up	
39	{ 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	SPACER	
41	73104127	2	SPACER	
42	73104143	1	SPRING	
43	73104130	1	SPACER	
44	73104131	1	WASHER	
45	70910847	1	NUT, jam, 3/4" NF	
46	{ 73104129	-	SHIM (.002" thick)	} Use as required
	{ 73054875	-	SHIM (.010" thick)	
	{ 73054876	-	SHIM (.005" thick)	
47	73104132	1	COVER	
	70917467	4	CAPSCREW, hex-hd., 3/8" NC x 1-3/4"	
	70910287	4	LOCKWASHER, 3/8"	
48	70184550	1	PLUG, bleeder	
49	73068644	2	SPACER	
50	70923579	2	O-RING	



HYDRAULIC PUMP AND VALVE PIPING

NOTE: For Special Equipment 3-spool Front Valve Piping see page 176.

ITEM	PART NO.	QTY.	DESCRIPTION
1	-----	1	VALVE ASSY., 2-spool (Standard, see page 170, 173A)
	-----	1	VALVE ASSY., 3-spool (Special, see page 170, 173A)
	70923909	4	CAPSCREW, 1/2" NC x 5- 1/2"
	70926191	4	WASHER, plain, 9/16"
	70922304	4	NUT, 1/2" NC
2	73045864	1	BRACKET
	70922287	1	CAPSCREW, 3/8" NC x 1-3/4"
	70677006	2	WASHER
	70911993	2	WASHER, 7/16"
	70918308	1	LOCKNUT, 3/8" NC
	70920585	2	CAPSCREW, 1/2" NC x 1-3/4"
	70677008	2	WASHER
	70911028	2	NUT, 1/2" NC
	-----	1	CLAMP (See page 241 item 19)

(Continued)

(Revised February 1988)

HYDRAULIC PUMP AND VALVE PIPING (Continued)

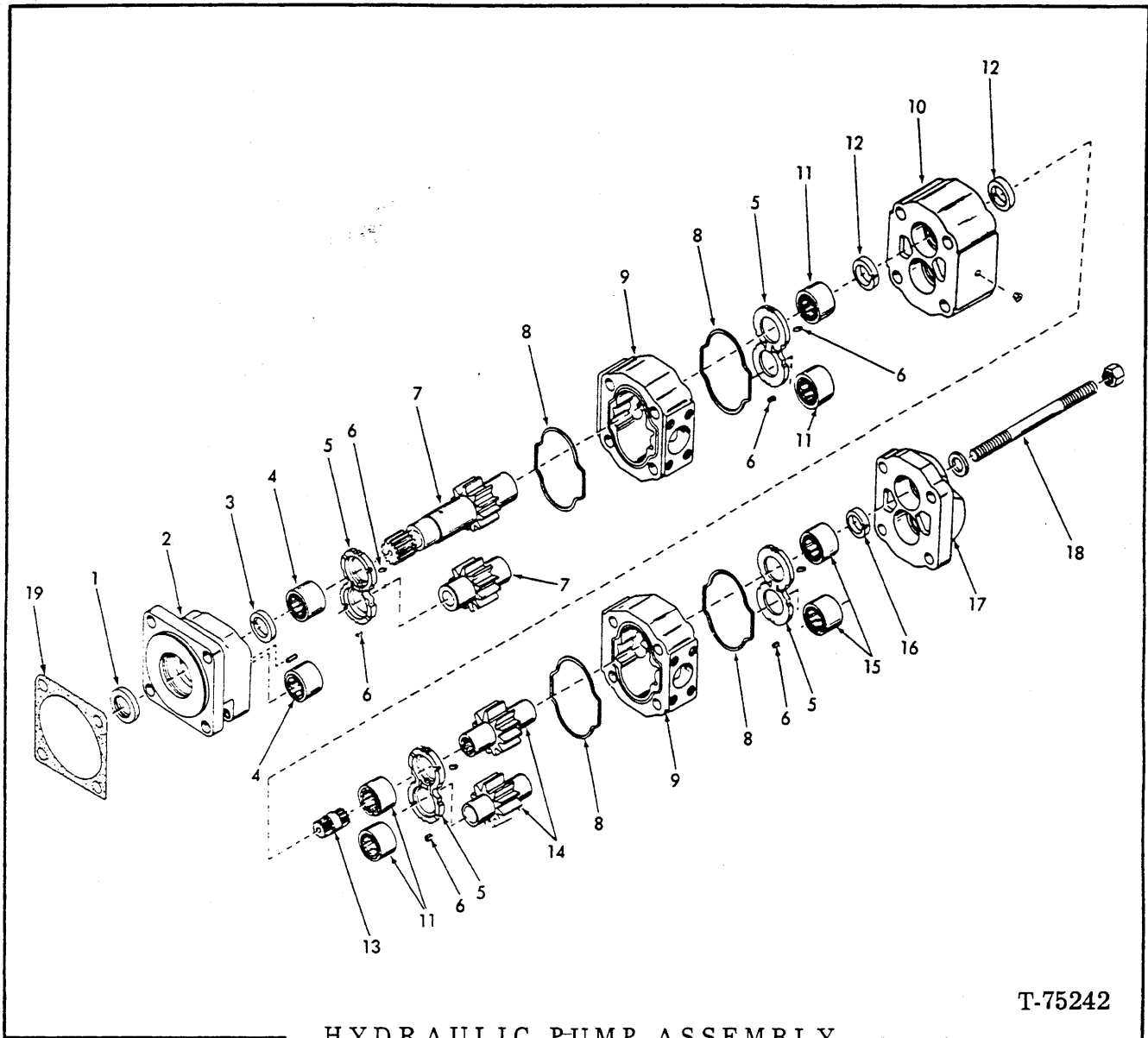
ITEM	PART NO.	QTY.	DESCRIPTION	
3	73045859	1	TUBE ASSY	
	70923578	1	O-RING, 1-7/8"	
	70921118	2	FLANGE, split, 1-1/2"	
	70920583	4	CAPSCREW, 1/2"NC X 1-1/2"	
4	73006439	1	HOSE	
	70925881	4	CLAMP	
6	73005005	2	HOSE	
	70921913	8	CLAMP	
7	73050498	1	TUBE ASSY.	
	70924193	1	O-RING, 1-7/8" I.D.	
	73044104	1	FLANGE	
	70920582	4	CAPSCREW 1/2"NC X 1-1/4"	
8	73050497	1	TUBE ASSY.	
	70924193	1	O-RING, 1-7/8" I.D.	
	73044104	1	FLANGE	
	70920582	4	CAPSCREW, 1/2"NC X 1-1/4"	
9	-----	1	PUMP ASSY., hydraulic (See page 157)	
	70920583	4	CAPSCREW, 1/2"NC X 1-1/2"	
	70928460	4	WASHER, 1/2"	
10	73066442	1	HOSE ASSY., pump to 2-Spool Valve (Std Equip.)	
	73066441	1	HOSE ASSY., pump to 3-Spool Valve (Spec Equip.)	
	70924192	2	O-RING, 1-1/2" I.D.	
	70921117	4	FLANGE, split, 1-1/4"	
	70921569	8	CAPSCREW, 7/16"NC X 1-1/4"	
11	73077646	1	HOSE ASSY. (Also order 1- Cap 70921467 and 1 Cap 73072249)	
	70921467	1	CAP, flare type, 1/4" tube	
	73072249	1	CAP, reducing, 1-5/16" x 7/16"	
	70924192	1	O-RING (at item 9)	
	70923664	1	O-RING (at item 13)	
	70921117	4	FLANGE, split, 1-1/4"	
	70921569	8	CAPSCREW, 7/16"NC X 1-1/4"	
	73066466	1	TUBE ASSY., demand valve to 2-spool control valve (Standard equipment)	
	12	73066465	1	TUBE ASSY., demand valve to 3-spool control valve (Special equipment)
		70923664	2	O-RING, 1-1/2" I.D.
	13	70921117	4	FLANGE, split, 1-1/4"
70921569		8	CAPSCREW, 7/16"NC X 1-1/4"	
-----		1	VALVE ASSY. (See page 150)	
70929011		2	CAPSCREW, 3/8"NC X 5"	
70922849		1	CAPSCREW, 3/8"NC X 4"	
14	70918308	3	NUT, 3/8"NC	
	73047343	3	SPACER	
	70900843	6	WASHER, plain, 3/8"	
	73058700	4	HOSE ASSY. (See Hose Parts)	
15	73045733	4	CLAMP	
	70927536	2	CAPSCREW, 3/8"NC X 3-1/2"	
	70677006	4	WASHER	
	70918308	2	LOCKNUT, elastic stop, 3/8"NC	
	73104804	6	SPACER (Use as required)	

(Continued)

(REVISED FEBRUARY, 1985)

HYDRAULIC PUMP AND VALVE PIPING (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
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, 1-1/4"
	70921569	16	CAPSCREW, 7/16" NC x 1-1/4"
22	-----	1	TANK, hydraulic (See page 168)



T-75242

HYDRAULIC PUMP ASSEMBLY

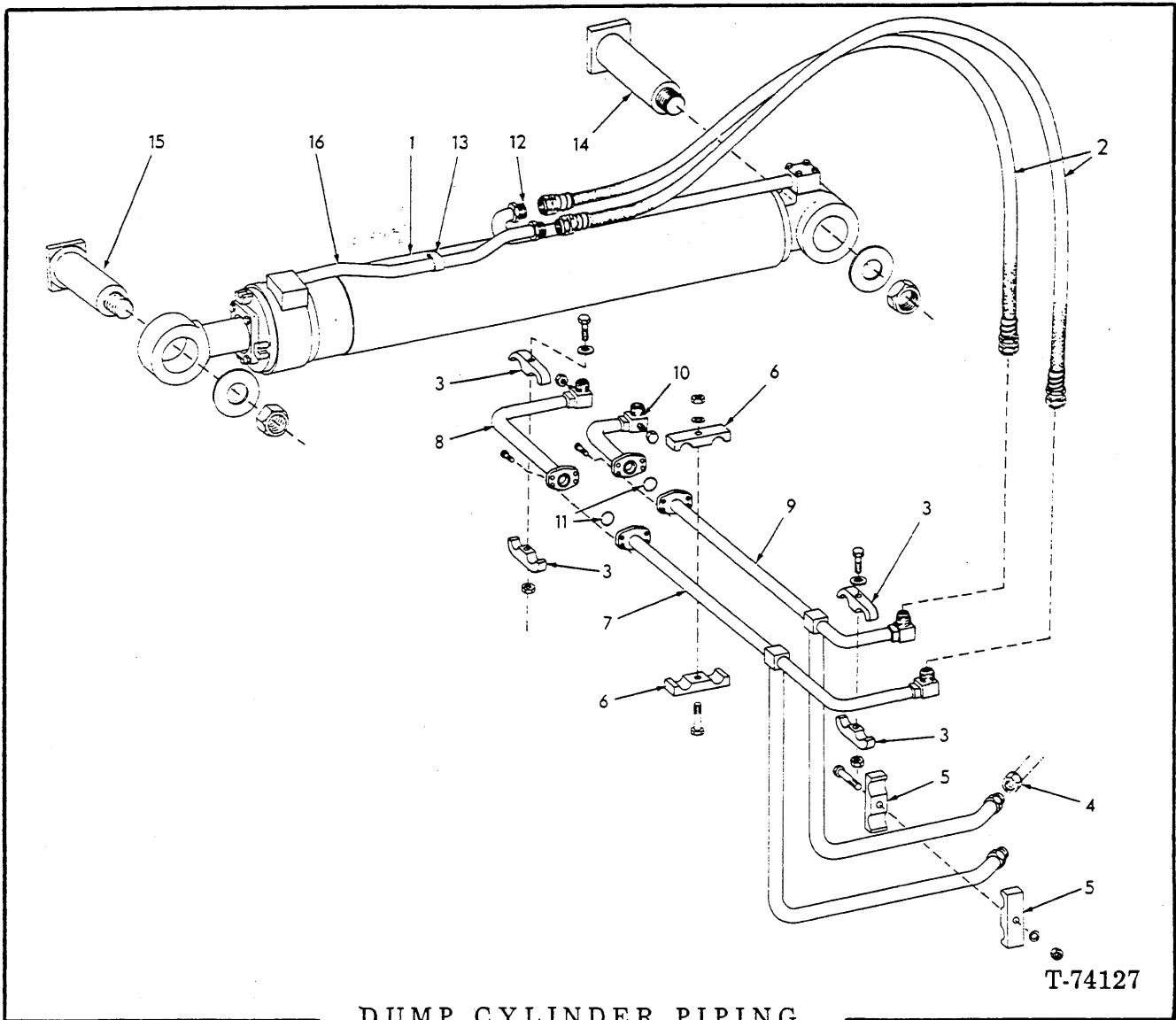
USAGE: See page 154.

ITEM	PART NO.	QTY.	DESCRIPTION
-	73061750	1	PUMP ASSY. (Includes items 1 thru 19)
1	73044045	1	SEAL
2	73044030	1	COVER ASSY. (Includes items 1, 3, 4 and PLUG indented below)
	70669623	1	PLUG
3	-----	1	RING, seal (Order item 20)
4	73044047	2	BEARING
5	73044031	4	PLATE, wear
6	73046521	1	SEAL, 3-1/4" Lg. (cut in 24 pieces)
7	73048037	1	GEAR SET (Includes drive gear and driven gear)
8	70926814	4	RING, seal

(Continued)

HYDRAULIC PUMP ASSEMBLY (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
9	73048036	2	HOUSING
10	73055668	1	CARRIER
	70910231	1	PLUG, pipe, hex socket, 1/8" NPT
11	73044047	4	BEARING
12	-----	2	RING, seal (Order item 20)
13	73044036	1	SHAFT
14	73048039	1	GEAR SET (Includes drive gear and driven gear)
15	73044047	2	BEARING
16	-----	1	RING, seal (Order item 20)
17	70666128	1	COVER
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

T-74127

ITEM	PART NO.	QTY.	DESCRIPTION
1	----- 70914465	2 4	CYLINDER ASSY., dump (See page 161) FITTING, lube
2	73051704	4	HOSE ASSY. (See page 8)
3	73052340	4	CLAMP, half
	70922848	2	CAPSCREW, 3/8" NC x 3-1/4"
	70677006	2	WASHER
	70918308	2	LOCKNUT, 3/8" NC
4	-----	2	HOSE, cross over (See page 154)
5	73061581	2	CLAMP, half
	70924843	1	CAPSCREW, 3/8" NC x 3-1/2"
	73104804	1	SPACER (Use as required)
	70677008	1	WASHER
	70918308	1	LOCKNUT, 3/8" NC

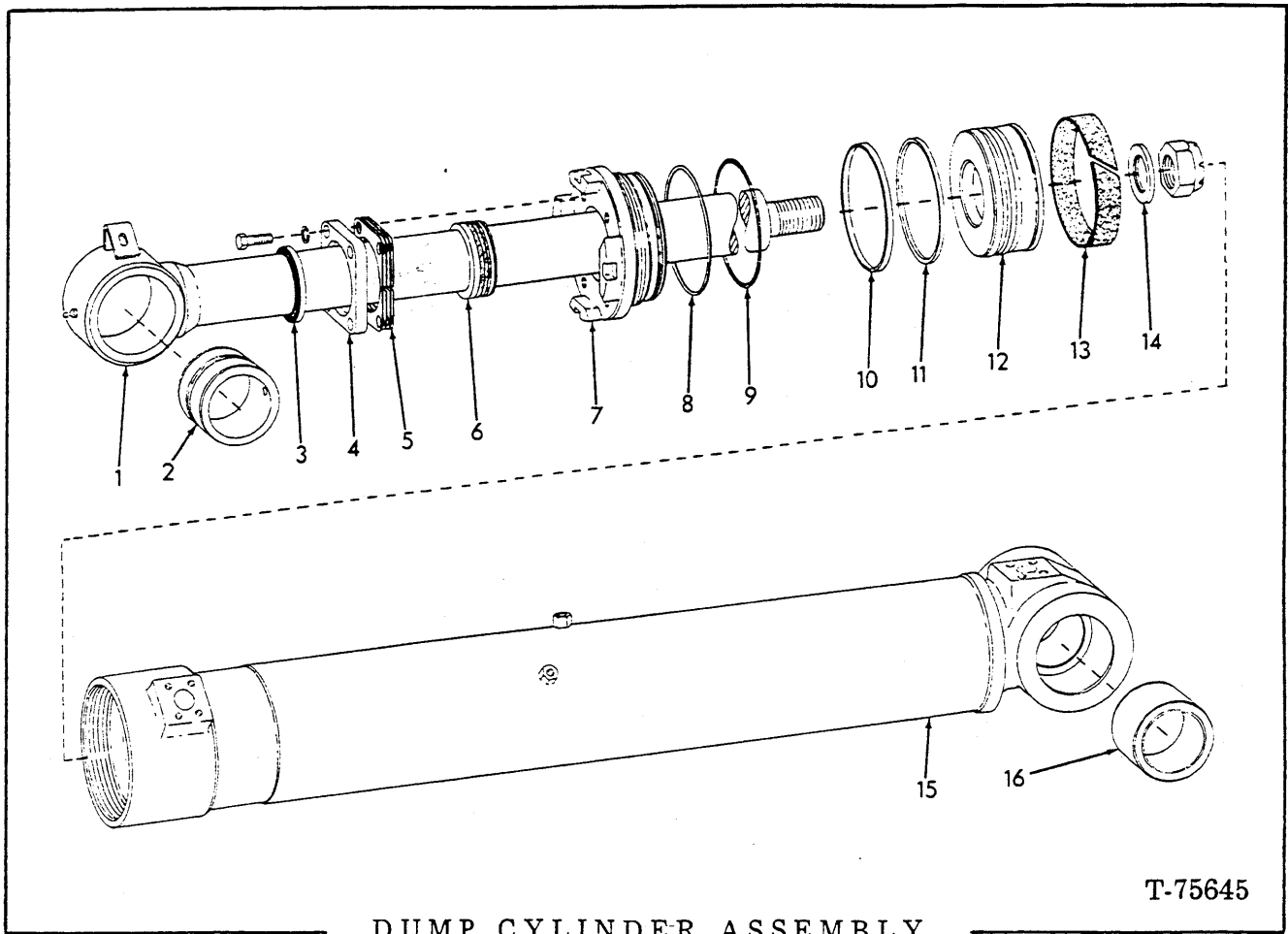
(Continued)

(Revised November 1979)

DUMP CYLINDER PIPING (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
6	73052340	2	CLAMP, half
	70922848	1	CAPSCREW, 3/8" NC x 3-1/4"
	70677006	1	WASHER
	70900817	4	WASHER, 3/8" (.083" thick - use as required)
	70918308	1	LOCKNUT, 3/8" NC
7	73061593	1	TUBE ASSY., retract, left
8	73071238	1	TUBE ASSY., retract, right
	70921467	1	CAP
9	70921076	4	CAPSCREW, 3/8" NC x 1-1/4"
	73061594	1	TUBE ASSY., dump, left
10	73071239	1	TUBE ASSY., dump, right
	70921467	1	CAP
	70921076	4	CAPSCREW, 3/8" NC x 1-1/4"
11	70923718	2	O-RING, 1-5/16" I.D.
12	73048598	1	TUBE ASSY., left
	73048599	1	TUBE ASSY., right
13	70923718	2	O-RING, 1-5/16" I.D.
	70920996	8	CAPSCREW, 3/8" NC x 2-1/4"
	73019133	4	CLIP
	70922763	4	CAPSCREW, 3/8" NC x 1"
	70677006	4	WASHER
14	73046254	2	PIN
	73044963	2	WASHER, spacer
	70924130	2	NUT, safety, 1-3/4" NC
15	73046260	2	PIN
	73044963	2	WASHER, spacer
	73046315	-	WASHER (.036" thick)
	73046317	-	WASHER (.059" thick)
	70924130	2	NUT, safety, 1-3/4" NC
16	73054638	1	TUBE ASSY., left
	73055810	1	TUBE ASSY., right
	70923718	2	O-RING, 1-5/16" I.D.
	70921076	8	CAPSCREW, 3/8" NC x 1-1/4"

} Use as required



DUMP CYLINDER ASSEMBLY

T-75645

USAGE: See page 159.

NOTE: Quantity indicates is for one CYLINDER ASSY.

ITEM	PART NO.	QTY.	DESCRIPTION
-	73058097	1	CYLINDER ASSY., left (Includes items 1 thru 16)
	73058098	1	CYLINDER ASSY., right (Includes items 1 thru 16)
1	73058090	1	ROD ASSY. (Includes item 2)
	73073212	1	LOCKNUT, 1-3/4"NF
	70914465	2	FITTING, 1/8"
2	73045092	1	BUSHING
3	73052879	1	† WIPER
4	73059335	1	PLATE
	70914847	4	CAPSCREW, 3/8" NC x 1-1/2"
	70910287	4	LOCKWASHER, 3/8"
5	73054486	4	† SHIM (.0299" thick)
6	73053886	1	† PACKING SET
7	73062208	1	HEAD
8	73063369	1	† RING, back-up
9	70931231	1	† O-RING
10	73053357	1	† RING, outer
11	70926865	1	† RING, inner

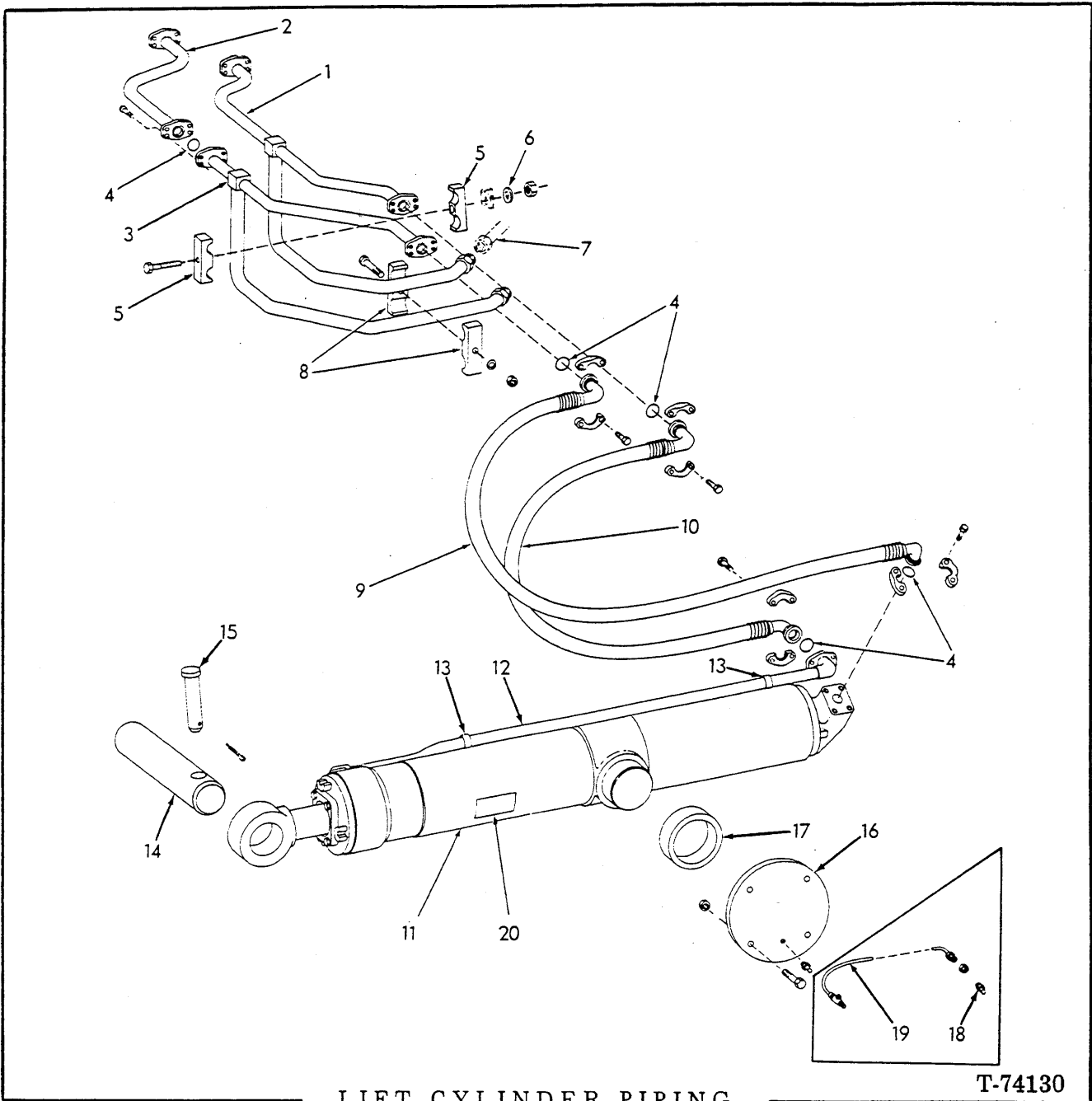
(Continued)

(Revised February 1988)

DUMP CYLINDER ASSEMBLY (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
12	73053356	1	PISTON
13	73053359	1	† RING
14	73053977	1	SPACER
15	73058095	1	TUBE ASSY.,left (Includes item 16)
	73058096	1	TUBE ASSY., right (Includes item 16)
	70914465	2	FITTING, 1/8" NPT
16	73010347	2	BUSHING
17	73056493	1	REPAIR KIT (Includes items 3, 5, 6, 8, 9, 10, 11 and 13)

† Also included in item 17.



LIFT CYLINDER PIPING

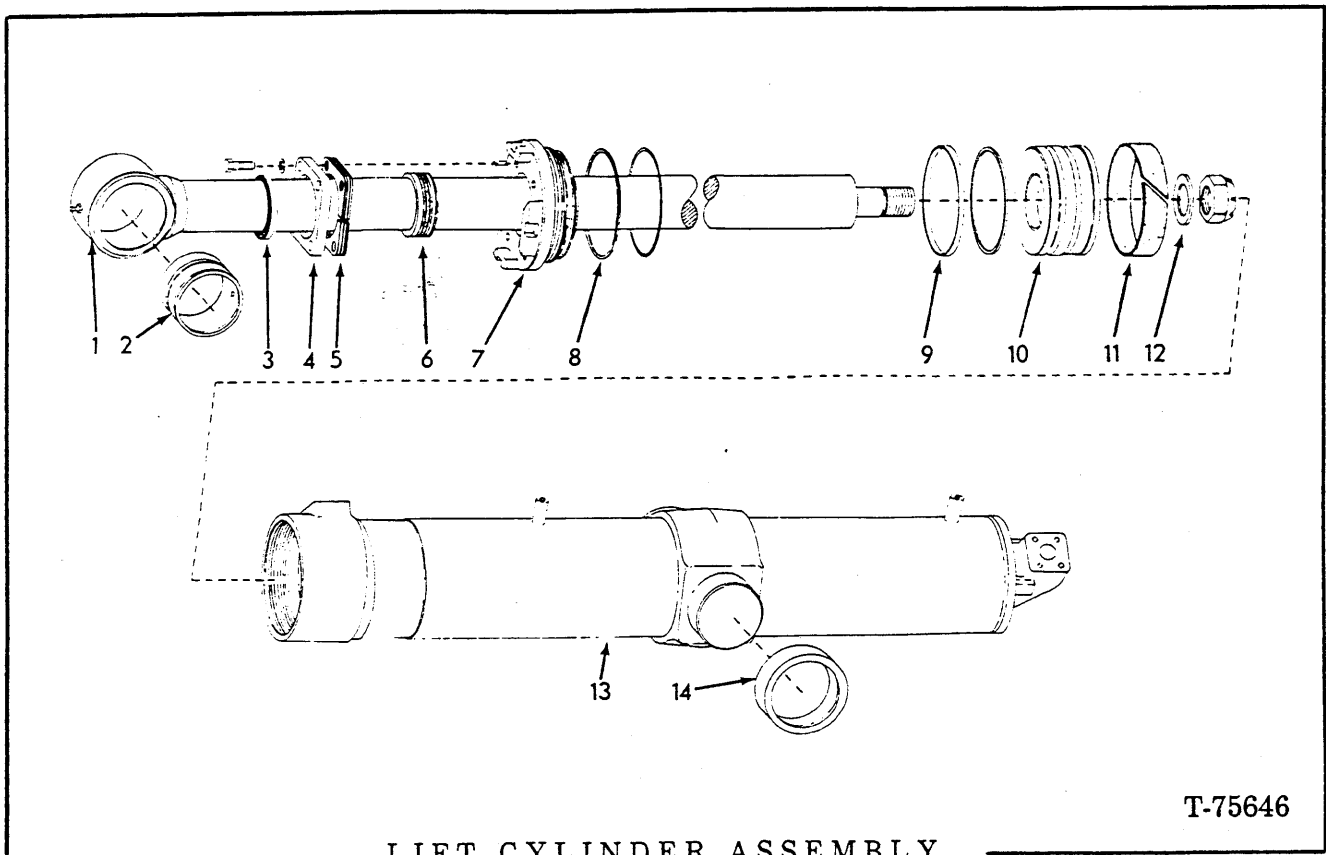
T-74130

ITEM	PART NO.	QTY.	DESCRIPTION
1	73104600	1	TUBE ASSY., lower
2	73104814	1	TUBE ASSY., lift
	70921076	4	CAPSCREW, 3/8" NC x 1-1/4"
3	73104584	1	TUBE ASSY., left, lift
4	70923718	9	O-RING, 1-5/16" I.D.
5	73052340	4	CLAMP, half
	70924843	2	CAPSCREW, 3/8" NC x 3-1/2"
	70918308	2	LOCKNUT, 3/8" NC
	73057339	2	SPACER

(Continued)

LIFT CYLINDER PIPING (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
6	70677006	2	WASHER, 3/8"
7	-----	2	HOSE, cross-over (See page 154)
8	73061581	2	CLAMP, half
	70924843	1	CAPSCREW, 3/8" NC x 3-1/2"
	70677008	1	WASHER
	73104804	4	SPACER (Use as required)
	70918308	1	LOCKNUT, 3/8" NC
9	{ 73045542	1	HOSE ASSY., left (See page 8)
	{ 73045543	1	HOSE ASSY., right (See page 8)
	70921116	8	FLANGE, split, 1"
	70921076	16	CAPSCREW, 3/8" NC x 1-1/4"
10	73045520	2	HOSE ASSY. (See page 8) (Standard Equipment - For Special Equipment multi-purpose bucket usage, see page 191)
	70921116	8	FLANGE, split, 1"
	70921076	16	CAPSCREW, 3/8" NC x 1-1/4"
11	-----	2	CYLINDER ASSY., lift (See page 165)
	70914465	2	FITTING, 1/8" NPT
12	{ 73045515	1	TUBE ASSY., left
	{ 73045516	1	TUBE ASSY., right
	70921076	8	CAPSCREW, 3/8" NC x 1-1/4"
	70923718	2	O-RING, 1-5/16" I.D.
13	73053881	4	CLIP
	70916225	4	CAPSCREW, 3/8" NF x 1"
	70677006	4	WASHER
14	73046284	2	PIN
15	73013568	2	PIN, lock
	70911440	2	PIN, cotter, 3/16" x 1-1/8"
16	73061679	4	CAGE ASSY. (Includes item 17)
	70922510	16	CAPSCREW, 1/2" NC x 2-3/4"
	70677008	16	WASHER
	70911028	16	NUT, 1/2" NC
	70914465	2	FITTING, 1/8" NPT
17	73061631	4	BUSHING, cage
18	70912808	2	FITTING, 1/4" NPF
19	73066603	2	TUBE ASSY.
	70933010	2	LOCKNUT
20	73107890	2	DECAL, scissor point



LIFT CYLINDER ASSEMBLY

T-75646

USAGE: See page 163.

NOTE: Quantity indicated is for one cylinder only.

ITEM	PART NO.	QTY.	DESCRIPTION
1	73066733	1	CYLINDER ASSY., left (shown)(Includes items 1 thru 15)
	73066734	1	CYLINDER ASSY., right (Includes items 1 thru 15)
	73055789	1	ROD ASSY. (Includes item 2)
	73073213	1	LOCKNUT, 2"NF
	70914465	2	FITTING, lube, 1/8" NPTF (Not included with CYLINDER ASSY.)
2	73045495	1	BUSHING
3	73052942	1	† WIPER
4	73059354	1	PLATE
	70915987	4	CAPSCREW, 1/2" NC x 1-1/2"
	70912441	4	LOCKWASHER, 1/2"
	73054488	4	† SHIM (.0299" thick)
6	73054073	1	† PACKING ASSY.
7	73062202	1	HEAD, cylinder
	70925767	1	† O-RING
8	73063370	1	† RING, back-up
9	73053433	1	† RING
10	73053418	1	PISTON
	70926840	1	† RING

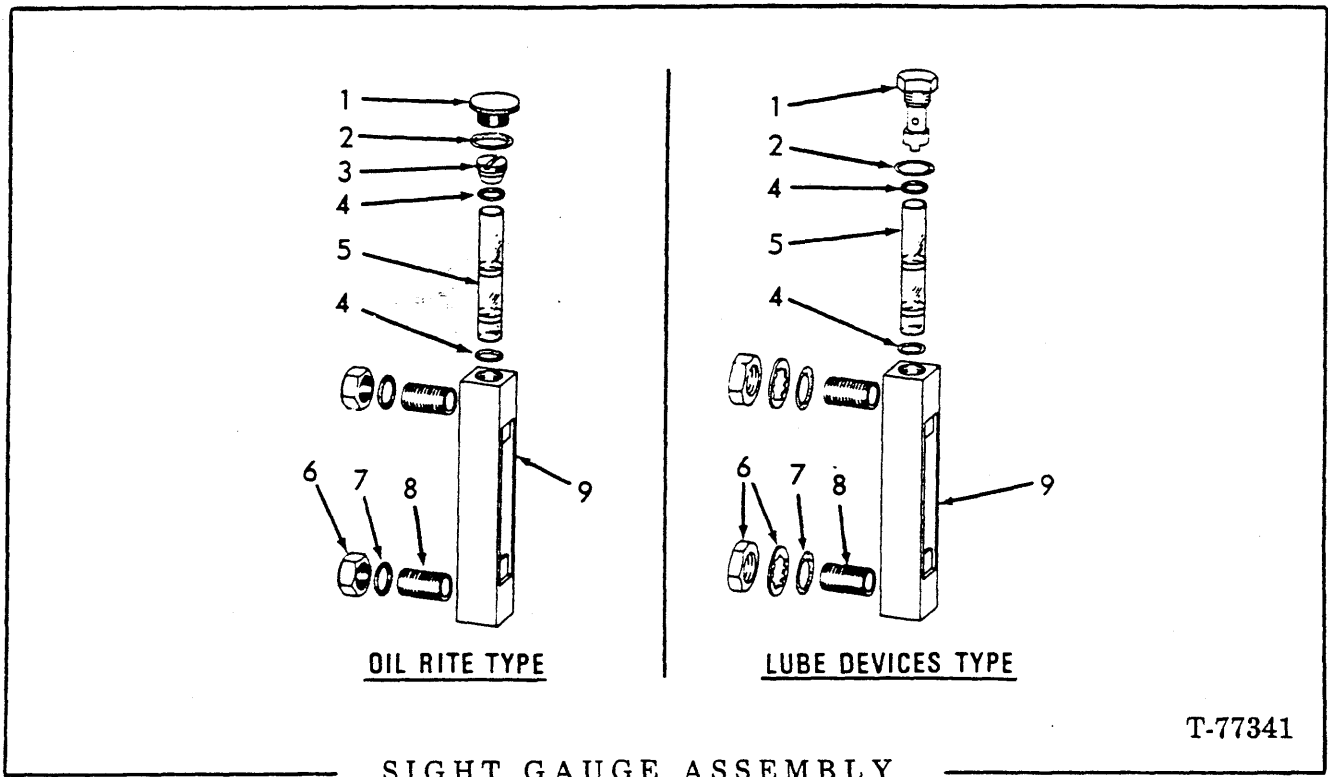
(Continued)

(Revised February 1988)

LIFT CYLINDER ASSEMBLY (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
11	73053434	1	† RING
12	73054108	1	SPACER
13	{ 73066731	1	TUBE ASSY., left (Includes item 14)
	{ 73066732	1	TUBE ASSY., right (Includes item 14)
14	73061633	2	BUSHING
15	73056488	1	REPAIR KIT (Includes item 7 O-RING, item 10 RING and items 3, 5, 6, 8, 9 and 11)

† Also included in item 15.

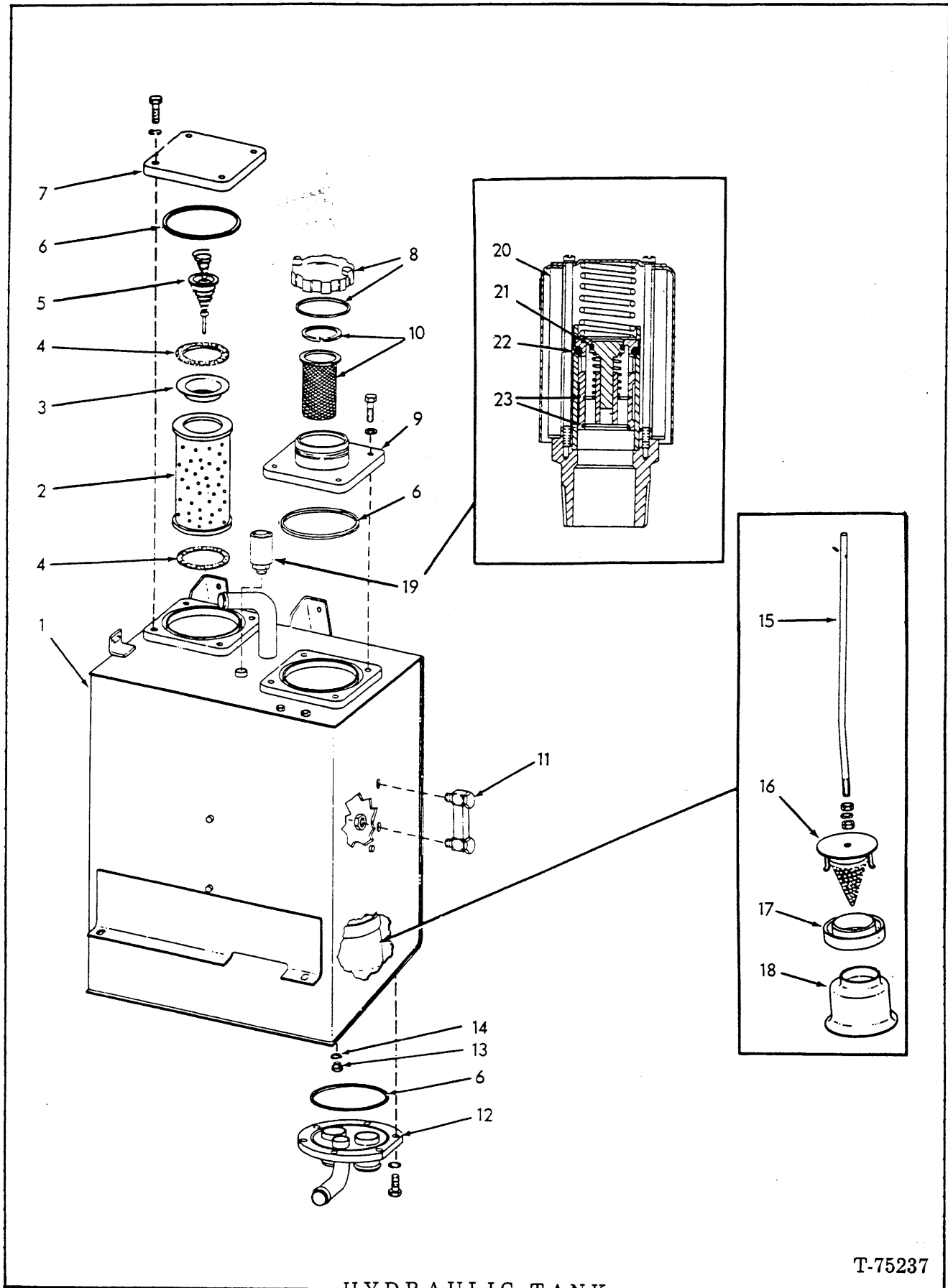


T-77341

USAGE: * Oil Rite
 ** Lube Devices

NOTE: See page 168.

ITEM	PART NO.	QTY.		DESCRIPTION
		*	**	
-	-----	1	1	GAUGE ASSY. (Order second type gauge page 169)
1	-----	1	1	CAP (Order GAUGE ASSY.)
2	{ 70924003	1	-	O-RING
	{ 70923560	-	2	O-RING
3	-----	1	1	CAP (Order GAUGE ASSY.)
4	{ 70926835	2	-	O-RING
	{ 73061913	-	2	O-RING
5	{ 73054571	1	-	GAUGE
	{ 73061912	-	1	GAUGE
6	70919262	2	2	NUT, 1/2" NF
	-----	2	-	LOCKWASHER, 1/2"
	70909589	-	2	LOCKWASHER, 1/2"
7	{ 70923565	2	-	O-RING
	{ 70923645	-	2	O-RING
8	-----	2	2	STUD
9	-----	1	1	BODY } Order GAUGE ASSY.



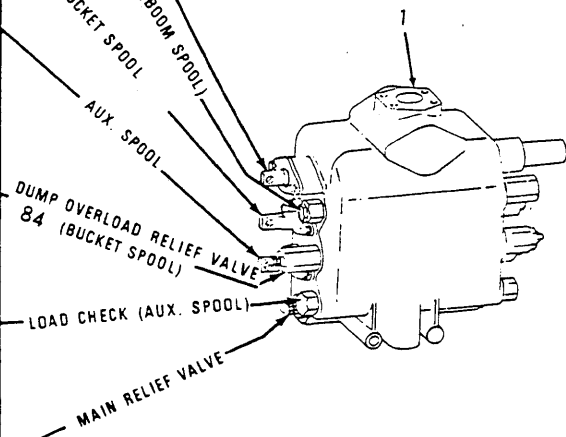
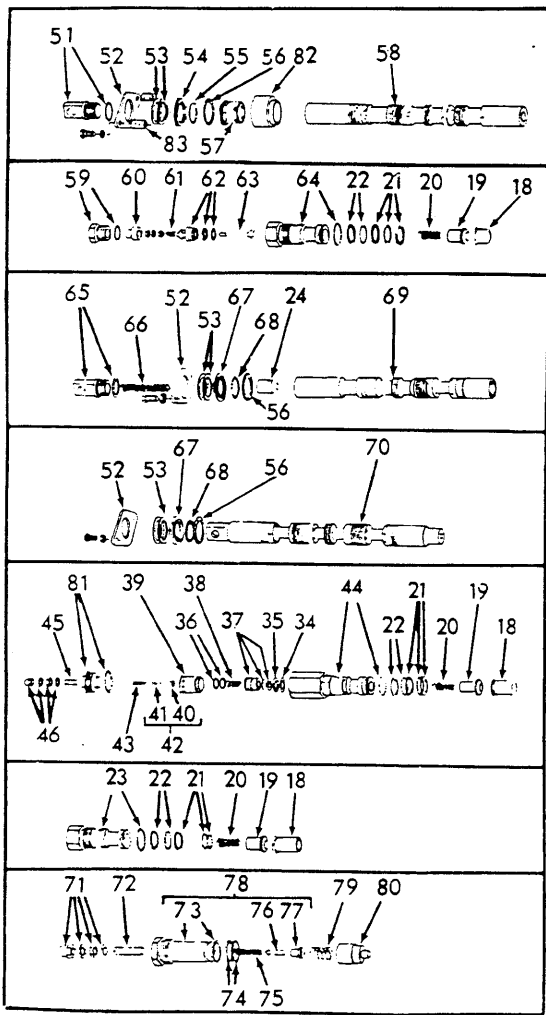
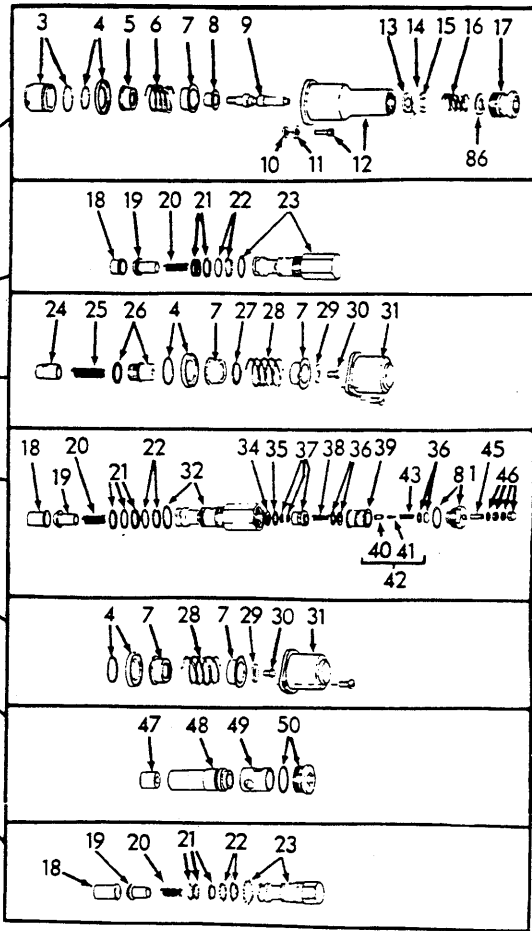
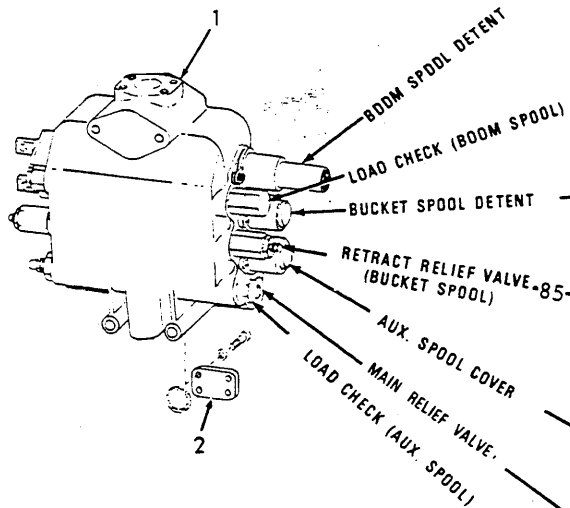
HYDRAULIC TANK
168

T-75237

(Revised April 1979)

HYDRAULIC TANK

ITEM	PART NO.	QTY.	DESCRIPTION
1	73053700	1	TANK
	70920583	4	CAPSCREW, 1/2" NC x 1-1/2"
	70677008	4	WASHER
	70915972	4	NUT, 1/2" NC
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, snap
	-----	1	GAUGE ASSY. (First type - see page 167 for parts)
11	70919262	2	NUT, 1/2" NF
	70923565	2	O-RING
	70678984	1	GAUGE ASSY. (Second type - serviced only as a unit)
	70915956	2	NUT, 1/2" NF
	70906961	1	LOCKWASHER, 1/2"
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	CANISTER
19	73044225	1	VALVE ASSY. (Includes items 20 thru 23)
20	73046508	1	FILTER
21	70923559	1	O-RING, 5/16" I.D.
22	70923719	1	O-RING, 3/4" I.D.
23	-----	2	RING, lock (order item 24)
24	73064043	1	KIT, relief (includes items 20, 21, 22 and 1 of 23)



T-76631

CONTROL VALVE PARTS

USAGE: * (2 Spool)(Standard) (See page 154) } First Type. See page
 ** (3 Spool)(Special Equipment) (See page 154) } 173A for Second Type

ITEM	PART NO.	QTY. * **	DESCRIPTION
-	{ 73058209	1 -	VALVE ASSY. (Includes items 1 thru 83 except 70 and 78)
-	73058210	- 1	VALVE ASSY. (Includes items 1 thru 83 except 2 and 78)
1	-----	1 1	BODY (Order VALVE ASSY.)
	70928605	1 1	PLUG ASSY., 1/4" tube, 7/16" st. thd. (Includes 1 O-RING 70921884)
	70924621	- 1	PLUG ASSY., 3/4" tube, 1-1/16" st. thd. (Includes 1 O-RING 70921206)
2	73044216	1 -	COVER
	70923578	1 -	O-RING (1.859" I. D.)
	70920582	4 -	CAPSCREW, 1/2" NC x 1-1/4"
3	73058504	1 1	SLEEVE
	70923571	1 1	O-RING (1.737" I. D.)
4	73044690	2 3	RETAINER
	70923813	2 3	O-RING (1.359" 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"
13	73076533	1 1	WASHER
14	73051813	8 8	BALL
15	73076534	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	4 12	RING, back-up
	70923566	4 6	O-RING (.862" I. D.)
22	{ 70926612	4 6	RING, back-up
	70923988	4 6	O-RING (.924" I.D.)
23	73046520	1 3	CAP
	70921214	1 3	O-RING (1.171" I. D.)
24	73058480	2 2	POPPET
25	73058482	1 1	SPRING
26	{ 73058479	1 1	END
	70921206	1 1	O-RING (.924" I. D.)
27	73058503	1 1	SPACER
28	73058500	1 2	SPRING
29	73058501	1 2	WASHER
30	73057502	1 2	SCREW

(Continued)

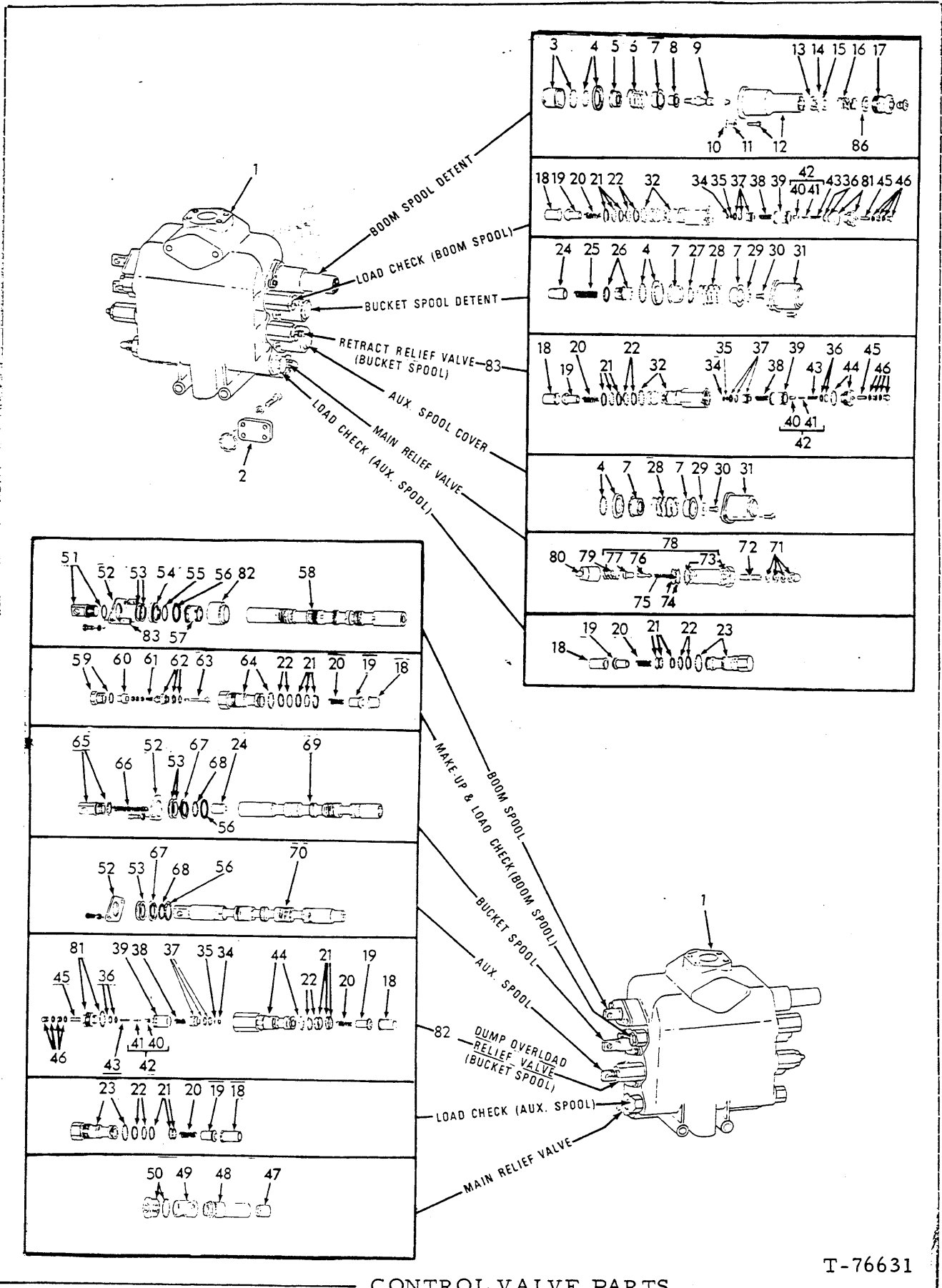
CONTROL VALVE PARTS (Continued)

ITEM	PART NO.	QTY. * **	DESCRIPTION
31	73044695	1 2	COVER
	73044696	2 4	SCREW, 5/16" NC x 3/4" (Includes lockwasher)
32	73061792	1 1	CAP
34	70929104	2 2	RING, back-up
35	70923945	2 2	O-RING (.426" I.D.)
36	70929104	2 2	RING, back-up
	70923945	2 2	O-RING (.426" 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)
	70921886	2 2	O-RING (1.048" I.D.)
43	73046117	2 2	SPRING
44	73061981	1 1	CAP
	70921214	1 1	O-RING (1.171" 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" NF
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 (.924" 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 (1.925" I.D.)
56	70923813	2 3	O-RING (1.359" I.D.)
57	73062354	1 1	SLEEVE
58	-----	1 1	SPOOL (Order VALVE ASSY.)
59	70921204	1 1	PLUG (Includes O-RING indented below)
	70921206	1 1	O-RING (.924" I.D.)
60	73058487	1 1	SPACER
61	73058687	1 1	SPRING
62	73058688	1 1	SEAT
	70923561	1 1	O-RING (.614" I.D.)
	70928583	1 1	RING, back-up
63	73058689	1 1	POPPET
	70910244	1 1	WASHER, plain, 1/2"
	70917415	2 2	NUT, No.10 NC
64	73058486	1 1	CAP
	70921214	1 1	O-RING (1.171" I.D.)

(Continued)

CONTROL VALVE PARTS (Continued)

ITEM	PART NO.	QTY. * **	DESCRIPTION
65	73058478	1 1	EYE (Order VALVE ASSY.)
	70921206	1 1	O-RING (.924" I. D.)
66	73058481	1 1	SPRING
67	73105283	1 2	RETAINER
68	70927026	1 2	O-RING (1.989" I. D.)
69	-----	1 1	SPOOL (Order VALVE ASSY.)
70	-----	- 1	SPOOL (Order VALVE ASSY.)
71	73044758	2 2	SEAT
	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 (1.475" I. D.)
74	70926617	1 1	RING, back-up
	70923811	1 1	O-RING (1.109" 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, 76 and 77)
79	73044749	1 1	SPRING
80	73044748	1 1	PLUNGER
81	-----	2 2	CAP (Order item 42)(Also order 1 O-RING 70921886)
82	73062355	1 1	COLLAR
83	73062356	2 2	SPACER
84	73062176	1 -	VALVE ASSY. (bucket dump - 1000 psi)(Includes items 18 thru 22, 32 thru 46 and 81)(Preset at factory)
	73062178	- 1	VALVE ASSY. (bucket dump - 950 psi)(Includes items 18 thru 22, 32 thru 46 and 81)(Preset at factory)
85	73062177	1 1	VALVE ASSY. (bucket retract - 2400 psi)(Includes items 18 thru 22, 32 thru 46 and 81)(Preset at factory)
86	73069093	1 1	WASHER



CONTROL VALVE PARTS

T-76631

CONTROL VALVE PARTS

USAGE: *(2 Spool) (Standard) (See page 154) } Second type. See page
 **(3 Spool) (Special Equipment) (See page 154) } 170 for First type

ITEM	PART NO.	QTY.	DESCRIPTION
		* **	
-	73074198	1 -	VALVE ASSY. (Incl. items 1-83 except 70 and 78)
-	73074199	- 1	VALVE ASSY. (Incl. items 1-83 except 2 and 78)
1	-----	1 1	BODY (Order VALVE ASSY)
	70928605	1 1	PLUG ASSY., 1/4" tube, 7/16" st. thd. (Includes 1 O-RING 70921884)
	70924621	- 1	PLUG ASSY., 3/4" tube, 1-1/16" st. thd. (Includes 1 O-RING 70921206)
2	73044216	1 -	COVER
	70923578	1 -	O-RING (1.859" I.D.)
	70920582	4 -	CAPSCREW, 1/2" NC X 1-1/4"
3	73058504	1 1	SLEEVE
	70923571	1 1	O-RING (1.737" I.D.)
4	73044690	2 3	RETAINER
	70923813	2 3	O-RING (1.359" 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 (Early valve)
12	73072843	1 1	COVER
	73058499	2 2	SCREW, 3/16" NC X 1"
13	73066533	1 1	COVER
14	73051813	8 8	BALL
15	73076534	1 1	CAM
16	73058495	1 1	SPRING
17	73072738	1 1	PLUG
	73072735	1 1	PLUG, Bleed
18	73044733	1 1	SEAT (short)
	73048330	3 5	SEAT (long)
19	73044734	4 6	POPPET
20	73044735	4 6	SPRING
21	70926611	8 12	RING, back-up
	70923566	4 6	O-RING (.862" I.D.)
22	70926612	4 6	RING, back-up
	70923988	4 6	O-RING (.924" I.D.)
23	73046520	- 2	CAP
	70921214	- 2	O-RING (1.181" I.D.)
24	73058480	2 2	POPPET
25	73058482	1 1	SPRING
26	73058479	1 1	END
	70921206	1 1	O-RING (.924" I.D.)
27	73058503	1 1	SPACER
28	73058500	1 2	SPRING
29	73058501	1 2	WASHER
30	73058502	1 2	SCREW
31	73044695	1 2	COVER
	73044696	2 4	SCREW, 5/16" NC X 3/4" (Includes lockwasher)
32	73069181	2 2	CAP
	70921214	2 2	O-RING

(Continued)

(Added February, 1988)

CONTROL VALVE PARTS (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
		* **	
34	70929104	3 3	RING,back-up(.768 I.D.)
35	70923945	3 3	O-RING(.739 I.D.)
36	70929104	3 3	RING,back-up(.768 I.D.)
	70927563	3 3	RING,back-up(.702 I.D.)
	70923945	3 3	O-RING(.739 I.D.)
	70923379	3 3	O-RING(.674 I.D.)
37	73061197	3 3	POPPET ASSY.(Includes screen,ring & items 34,35)
38	73072767	3 3	SPRING
39	73072945	3 3	TUBE
40	-----	3 3	SEAT(Order item 42)
41	-----	3 3	PLUNGER(Order item 42)
42	73072943	3 3	KIT ASSY.(Consists of 1 each of items 40,41,81)
	70921886	3 3	O-RING(1.048"I.D.)
43	73046117	3 3	SPRING
44	73061792	1 1	CAP
	70921214	1 1	O-RING(1.171"I.D.)
45	73054377	3 3	SCREW
46	73069409	6 6	WASHER
	70923559	6 6	O-RING(.301"I.D.)
	70924236	3 3	NUT,acorn,5/16"NF
	70910980	3 3	NUT,jam,5/16"NF
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(.924"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"(Bucket & Aux. Spool)
	70904205	4 6	LOCKWASHER,5/16"
53	73044729	4 6	WIPER
54	73058484	1 1	RETAINER
55	70924038	1 1	O-RING(1.925"I.D.)
56	70923813	2 3	O-RING(1.359"I.D.)
57	73062354	1 1	SLEEVE
58	-----	1 1	SPOOL(Order VALVE ASSY.)
59	70921204	1 1	PLUG(Includes O-RING indented below)
	70921206	1 1	O-RING(.924"I.D.)
60	73058487	1 1	SPACER
61	73058687	1 1	SPRING
62	73058688	1 1	SEAT
	70923561	1 1	O-RING(.614"I.D.)
	70928583	1 1	RING bakc-up
63	73058689	1 1	POPPET
	70910244	1 1	WASHER, plain,1/2"
	70917415	2 2	NUT,#10NC
64	73058486	1 1	CAP
	70921214	1 1	O-RING(1.171"I.D.)
65	73058478	1 1	EYE(Order VALVE ASSY.)
	70921206	1 1	O-RING(.924"I.D.)
66	73058481	1 1	SPRING
67	73105283	1 2	RETAINER
68	70927026	1 2	O-RING(1.989"I.D.)
69	-----	1 1	SPOOL(Order VALVE ASSY.)
70	-----	- 1	SPOOL(Order VALVE ASSY.)

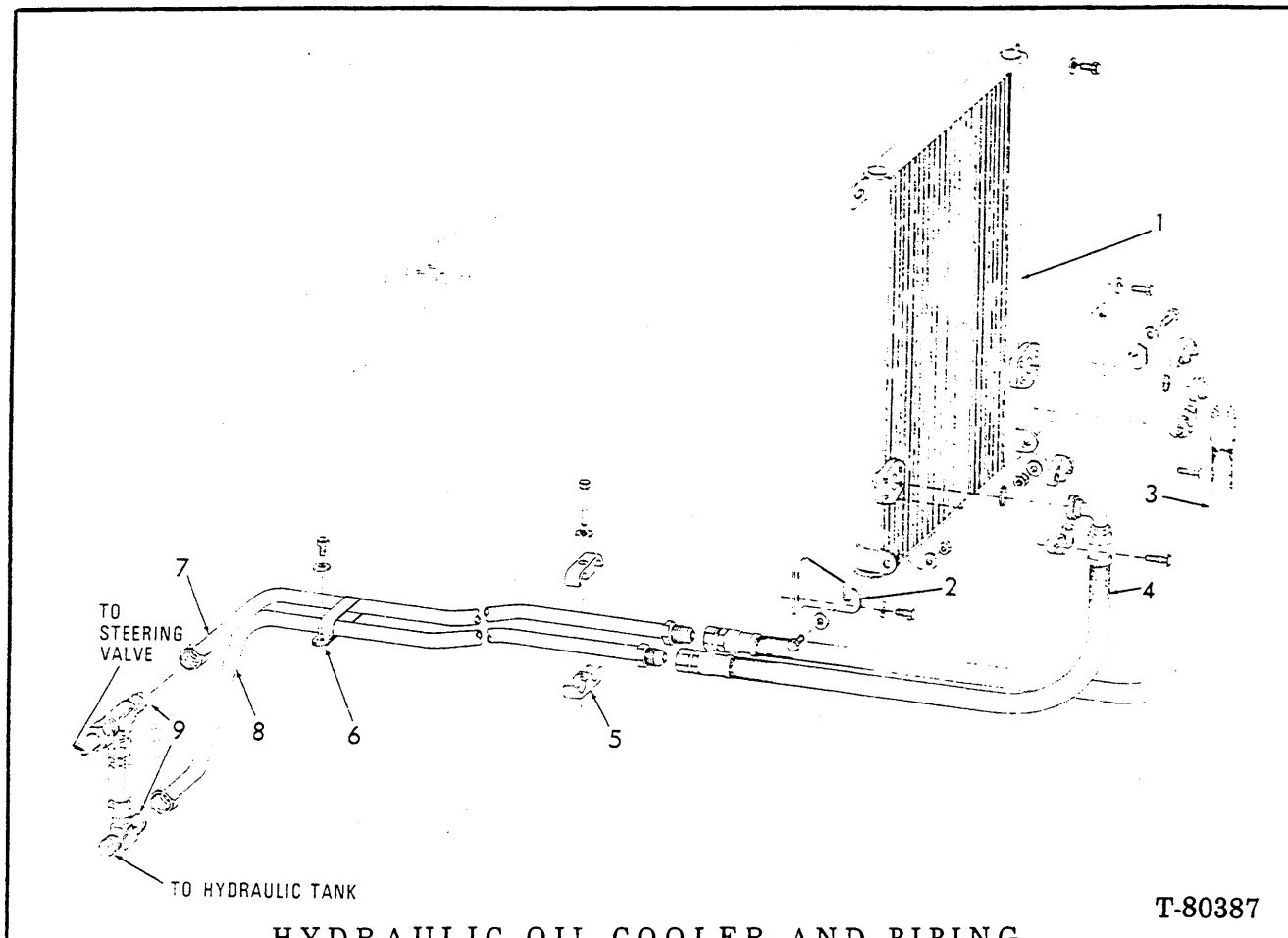
(Continued)

(Added February, 1988)

CONTROL VALVE PARTS (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
		* **	
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 (1.475" I.D.)
74	70926617	1 1	RING, back-up
	70923811	1 1	O-RING (1.109" 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, 76, 77)
79	73044749	1 1	SPRING
80	73044748	1 1	PLUNGER
81	-----	3 3	CAP (Order item 42)
	70921886	3 3	O-RING
82	73062355	1 1	COLLAR
83	73062356	2 2	SPACER
84	73062176	1 -	VALVE ASSY. (Bucket dump - 1000 psi) (Includes items 18-22, 46, 81) (Preset at factory)
	73062178	- 1	VALVE ASSY. (bucket dump - 950 psi) (Includes items 18-22, 34-46, 81) (Preset at factory)
85	73062177	2 2	VALVE ASSY. (bucket retract - 2400 psi) (Includes items 18-22, 34-46, 81) (Preset at factory)
86	73069093	1 1	WASHER

(Added February, 1988)



HYDRAULIC OIL COOLER AND PIPING

T-80387

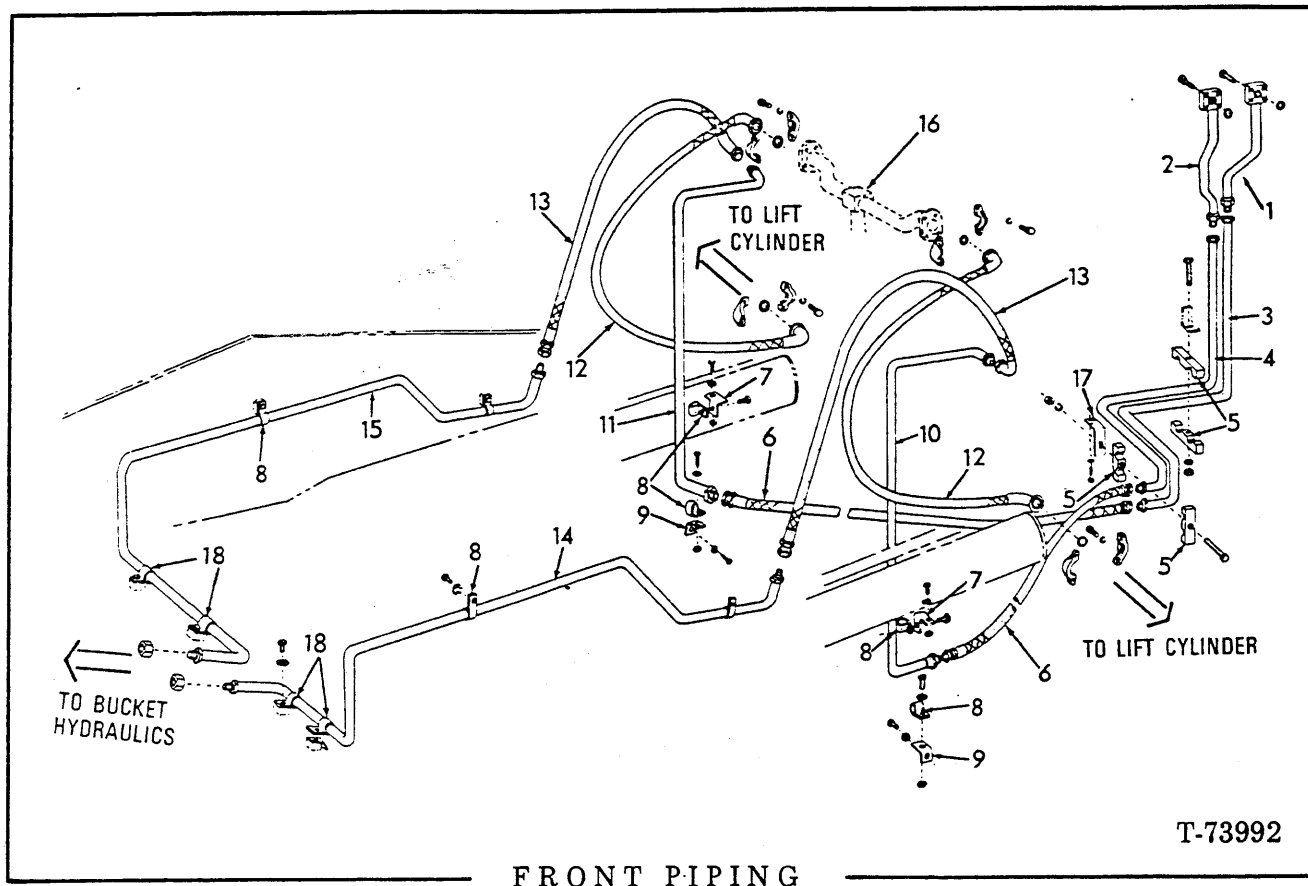
ITEM	PART NO.	QTY.	DESCRIPTION
1	73063827	1	COOLER ASSY.
	70922300	2	CAPSCREW, 3/8" NC x 3/4"
	70677006	2	WASHER
2	73062994	1	BRACKET, left
	73062995	1	BRACKET, right
	70922300	4	CAPSCREW, 3/8" NC x 3/4"
	70921076	2	CAPSCREW, 3/8" NC x 1-1/4"
	70677006	8	WASHER
	70911026	2	NUT, 3/8" NC
3	73067346	1	HOSE ASSY., right (Serviced only as an assy.)
	70921116	2	FLANGE, 1-1/2"
	70921076	4	CAPSCREW, 3/8" NC x 1-1/4"
	70923718	1	O-RING
4	73067347	1	HOSE ASSY., left (Serviced only as an assy.)
	70921116	2	FLANGE, 1-1/2"
	70921076	4	CAPSCREW, 3/8" NC x 1-1/4"
	70923718	1	O-RING
5	73052340	2	CLAMP
	70927174	1	CAPSCREW, 3/8" NC x 2-1/2"
	70677006	1	WASHER

(Continued)

HYDRAULIC OIL COOLER AND PIPING (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
6	70933844	1	CLAMP
	70922763	1	CAPSCREW, 3/8" NC x 1"
	70677006	1	WASHER
7	73061964	1	TUBE ASSY
8	73061965	1	TUBE ASSY
9	-----	2	TEE (See page 148)

(Revised November 1979)



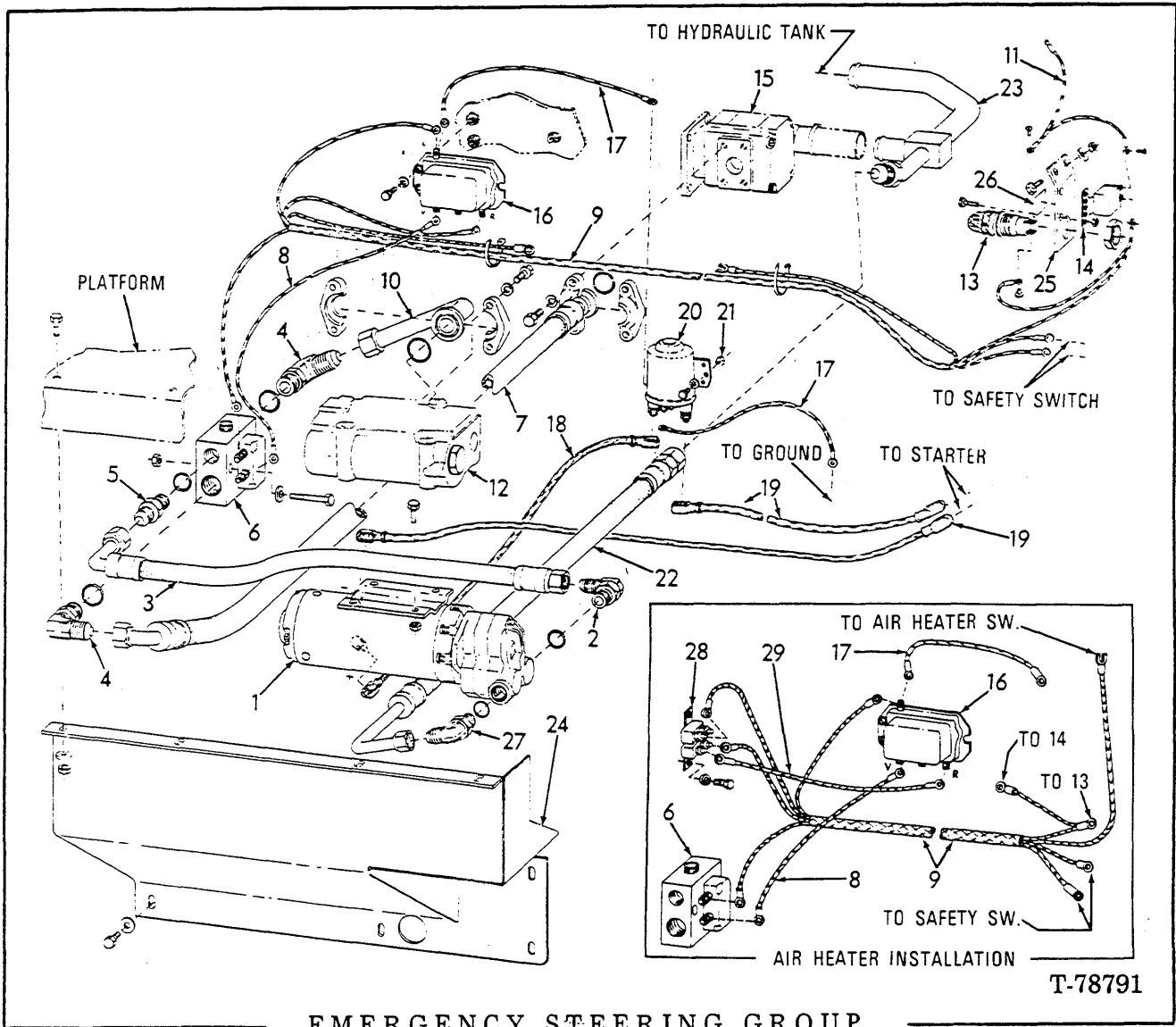
USAGE: Special Equipment — for use with Multipurpose Bucket page 191.
For Standard Equipment see page 154.

ITEM	PART NO.	QTY.	DESCRIPTION
1	73066471	1	TUBE ASSY
	70923664	1	O-RING
	70924180	4	CAPSCREW, 7/16" NC x 2"
2	73066470	1	TUBE ASSY.
	70923664	1	O-RING
	70924180	4	CAPSCREW, 7/16" NC x 2"
3	73048125	1	TUBE ASSY.
4	73048121	1	TUBE ASSY.
5	73045733	4	CLAMP
	70919015	2	CAPSCREW, 3/8" NC x 3-1/2"
	70911115	-	WASHER, plain, 3/8" (Use as required)
	70910287	2	LOCKWASHER, 3/8"
	70918308	2	NUT, 3/8" NC
6	73050092	2	HOSE ASSY. (Crimped type)(See page 8)
7	73050101	1	BRACKET, left
	73050102	1	BRACKET, right
	70922763	2	CAPSCREW, 3/8" NC x 1"
	70911115	-	WASHER, plain, 3/8" (Use as required)
	70910287	2	LOCKWASHER, 3/8"

(Continued)

FRONT PIPING (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
8	73019133	8	CLIP, tube support
	70916272	4	CAPSCREW, 3/8" NC x 1-1/4"
	70915408	4	CAPSCREW, 3/8" NC x 3/4"
	70911115	-	WASHER, plain, 3/8" (Use as required)
	70910287	8	LOCKWASHER, 3/8"
	70918308	4	NUT, 3/8" NC
9	73050100	2	BRACKET
	70922763	2	CAPSCREW, 3/8" NC x 1"
	70911115	2	WASHER, plain, 3/8"
	70910287	2	LOCKWASHER, 3/8"
10	73050090	1	TUBE ASSY
11	73050091	1	TUBE ASSY.
12	73048016	2	HOSE ASSY. (See page 8)
	70921116	8	FLANGE, split, No. 16
	70916272	16	CAPSCREW, 3/8" NC x 1-1/4"
	70910287	16	LOCKWASHER, 3/8"
	70923718	4	O-RING, 1-5/16"
13	73048117	2	HOSE ASSY. (See page 8)
	70924851	2	FITTING, bulkhead, 1"
	70919621	2	LOCKNUT, 1-5/16" NF
14	73048354	1	TUBE ASSY., left (short boom)
	73058569	1	TUBE ASSY., left (long boom)
	70922195	1	CAP
15	73048352	1	TUBE ASSY., right (short boom)
	73058568	1	TUBE ASSY., right (long boom)
	70922195	1	CAP
16	-----	1	TUBE ASSY. (See page 163)
17	73054723	1	BRACKET (Support item 5)
	70922763	3	CAPSCREW, 3/8" NC x 1"
	70910287	3	LOCKWASHER, 3/8"
18	73053881	4	CLIP
	70922763	4	CAPSCREW, 3/8" NC x 1"
	70677006	4	WASHER



EMERGENCY STEERING GROUP

USAGE: Special Equipment — requires high output alternator page 233.

ITEM	PART NO.	QTY.	DESCRIPTION
-	.....	1	EMERGENCY STEERING GROUP (See Construction Machinery Manual)
1	.....	1	MOTOR DRIVEN PUMP (See page 181)
	70922763	4	CAPSCREW, 3/8" NC x 1"
	70900367	4	NUT, 3/8" NC
2	70921203	1	ELBOW, 3/4" tube, 1-1/16" str. thd. (Includes O-RING below)
	70921206	1	O-RING
3	73064290	1	HOSE ASSY.
4	70921227	2	ELBOW, 1" tube, 1-5/16" str. thd. (Includes O-RING below)
	70921214	2	O-RING
5	70921217	1	CONNECTOR, 3/4" tube, 1-1/16" str. thd. (Includes O-RING below)
	70921206	1	O-RING

EMERGENCY STEERING GROUP (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
6	73064638	1	FLOW SWITCH
	70927174	2	CAPSCREW, 3/8" NC x 2-1/2"
	70677006	2	WASHER
	70647418	2	WELDNUT
7	73064304	1	HOSE ASSY.
	70921913	4	CAPSCREW, 7/16" NC x 1-1/4"
	70914678	4	LOCKWASHER, 7/16"
	70923664	1	O-RING
	70921117	2	FLANGE, 1-1/4"
8	73064582	1	WIRE ASSY.
9	73064739	1	HARNESS
	70925094	10	TIE
10	73064294	1	TUBE ASSY.
	70916272	4	CAPSCREW, 3/8" NC x 1-1/4"
	70910287	4	LOCKWASHER, 3/8"
	70921116	2	FLANGE, 1"
	70923718	1	O-RING
11	73065213	1	WIRE ASSY. (Item 13 and 14 ground)
12	-----	1	VALVE ASSY., demand (See page 150)
13	73034558	1	LIGHT ASSY. (Does not include LAMP below)
	73034566	1	LAMP, 24 v.
14	73057952	1	BUZZER
	70927401	2	CAPSCREW, 1/4" NC x 1"
	70900365	2	NUT, 1/4" NC
15	-----	1	PUMP ASSY., steering (See page 151)
16	71005917	1	RELAY
	70928182	3	CAPSCREW, 1/4" NC x 1/2"
	70677004	3	WASHER
	-----	3	WELDNUT
17	73064635	2	WIRE ASSY.
18	73064636	1	CABLE (solenoid to motor)
19	73064220	2	CABLE
20	73066609	1	SOLENOID (Serviced only as a unit)
	70928182	2	SCREW, 1/4" NC x 1/2"
	70677004	2	WASHER
21	-----	2	WELDNUT
22	73066077	1	HOSE ASSY.
23	73066051	1	TUBE ASSY.
	-----	1	HOSE
	-----	4	CLAMP
	-----	1	TUBE
24	73064361	1	COVER, weld assy.
	70922763	4	CAPSCREW, 3/8" NC x 1"
	70923683	4	CAPSCREW, 3/8" NC x 3/4"
	70677006	8	WASHER
	70900367	4	NUT, 3/8" NC
	73065202	1	PLATE
25	70927400	2	CAPSCREW, 3/8" NC x 5/8"
	70677006	2	WASHER
	70900367	2	NUT, 3/8" NC

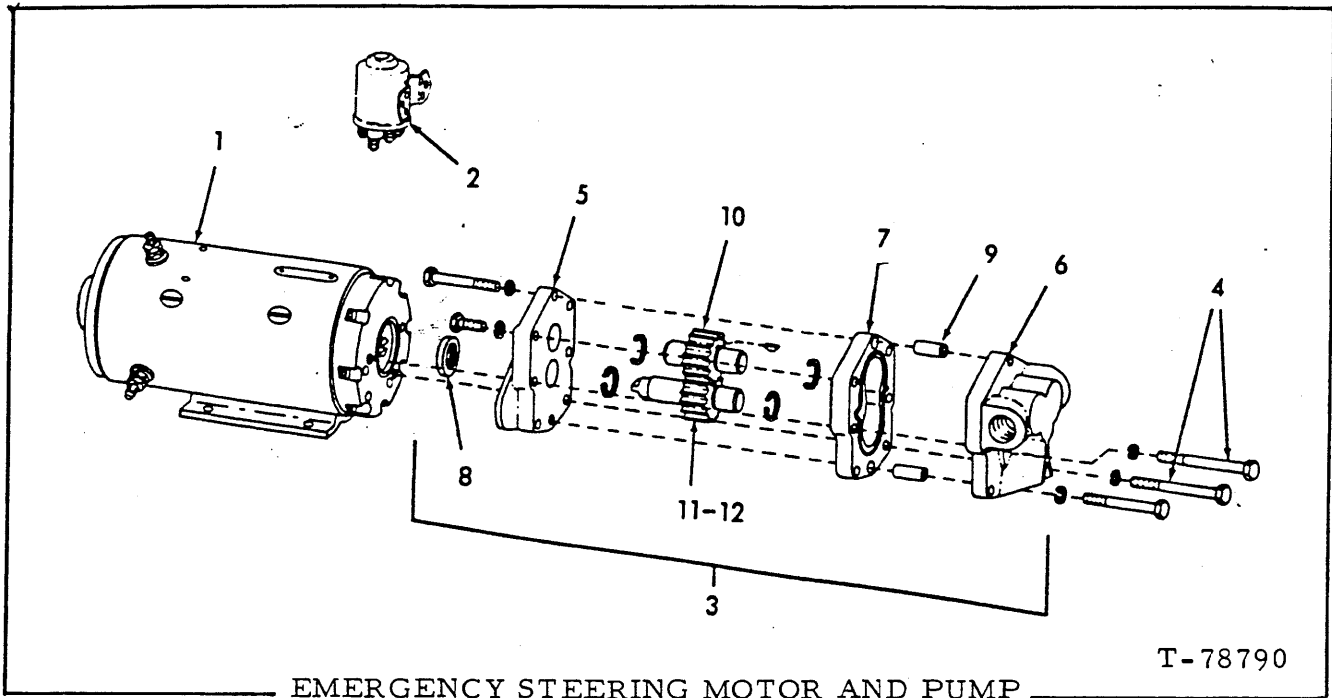
See page 148.

(Continued)

EMERGENCY STEERING GROUP (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
26	73065217	1	DECAL, "emergency steering"
27	70924026	1	ELBOW, 1-1/16" x 1-5/16" (Includes O-RING)
	70921206	1	O-RING
28	73068623	1	DIODE ASSY.
	70928182	2	CAPSCREW, 1/4"NC x 1/2"
	70677004	1	WASHER
29	73057436	1	WIRE ASSY.
30	73066564	1	DECAL, "warning" (Not illustrated)

} Used with
electric air
heater only



USAGE: Special Equipment

NOTE: See page 178

ITEM	PART NO.	QTY.	DESCRIPTION
-	-----	1	MOTOR DRIVEN PUMP (Not serviced as an Assy.) (Order items below)
1	73065656	1	MOTOR (Includes items 13 - 24)
2	-----	1	SOLENOID (See page 178)
3	73065638	1	PUMP ASSY. (Includes items 5 thru 12)
4	70918397	2	CAPSCREW, 5/16"NC x 3" (Pump to motor)
	70931653	2	LOCKWASHER, special, 5/16"
5	-----	1	BODY ASSY. (Includes 2 bearing)(Order item 3)
	70918594	1	CAPSCREW, 1/4"NC x 2-1/4"
	70904204	1	LOCKWASHER, 1/4"
	70916282	2	CAPSCREW, 1/4"NC x 7/8"
	70904205	2	LOCKWASHER, 5/16"
6	-----	1	COVER ASSY. (Includes 2 bearing)(Order item 3)
	70920647	1	CAPSCREW, 1/4"NC x 2-1/2"
	70904204	1	LOCKWASHER, 1/4"
	70913599	2	CAPSCREW, 5/16"NC x 2-1/2"
	70904205	2	LOCKWASHER, 5/16"
7	73065660	1	PLATE
8	70669165	1	SEAL
9	70236837	2	PIN
10	-----	1	IDLER GEAR ASSY. (Order item 3)
	70921396	1	KEY, woodruff, 1/8" x 3/8"
	73039013	2	RING
11	-----	1	SHAFT, drive (Order item 3)
	70905122	1	KEY, woodruff, 1/8" x 3/4"
	73038933	2	RING
12	-----	1	GEAR (Order item 3)

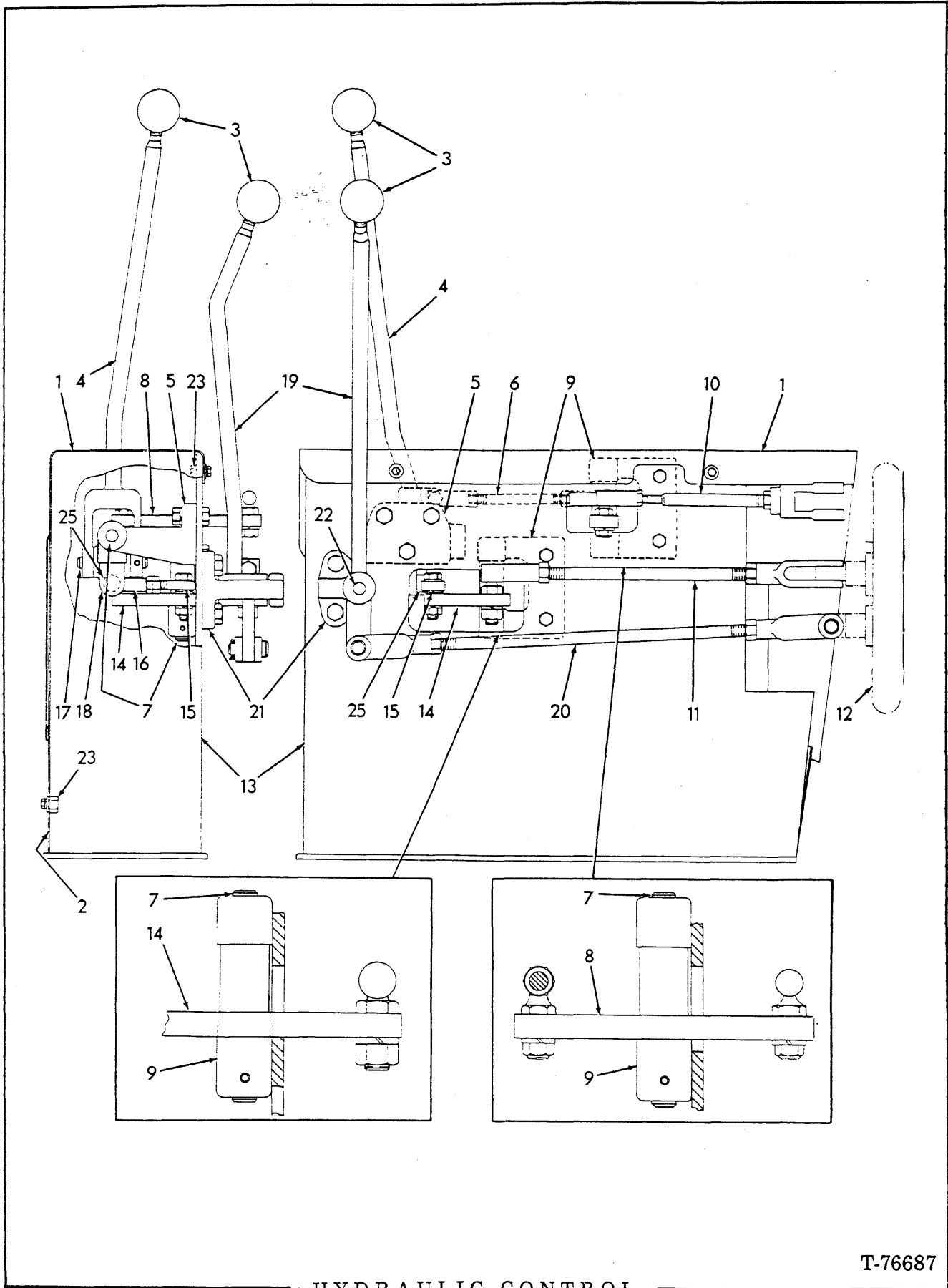
(Continued)

EMERGENCY STEERING MOTOR AND PUMP (Continued)

ITEM PART NO. QTY. DESCRIPTION

NOTE: Items 13 thru 24 are not illustrated.

13	73075512	1	ARMATURE	} Not Illustrated
14	73075523	1	BEARING (Command End)	
15	73075524	1	BEARING (Drive End)	
16	73075513	1	BRUSH, set	
17	73075514	1	COVER, BRG. (Command End)	
18	73075515	1	COIL, field Assy.	
19	73075506	1	HEAD ASSY. (Command End)	
20	73075504	1	HEAD ASSY. (Drive End)	
21	73075516	1	PLATE ASSY. (Brush)(Includes items 22)	
22	73075528	1	SPRING SET (Brush)	
23	73075517	1	WASHER, PKG.	
24	73075519	1	TERMINAL, PKG.	



HYDRAULIC CONTROL

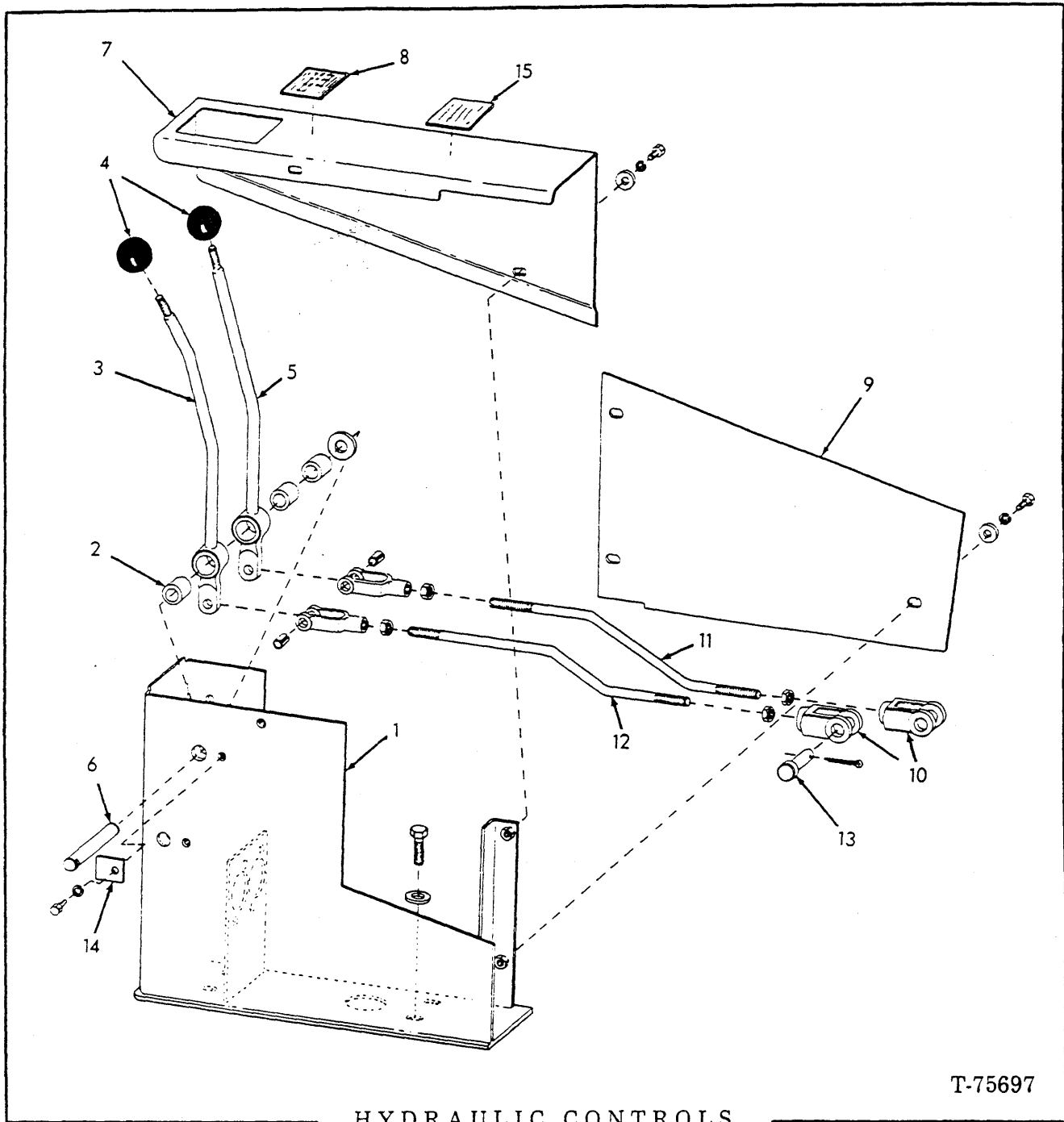
USAGE: Special Equipment — Single Lever
 * 2 Spool VALVE ASSY.
 ** 3 Spool VALVE ASSY.

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"
	70910287	3	3	LOCKWASHER, 3/8"
	70910324	3	3	NUT, 3/8" NC
6	73057081	1	1	ROD
	70653570	2	2	STUD ASSY.
	70910287	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 BEARING indented below)
	70928434	2	2	BEARING
9	73058439	2	2	BRACKET
	70916272	4	4	CAPSCREW, 3/8" NC x 1-1/4"
	70910287	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
	70910287	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
	70912441	1	1	LOCKWASHER, 1/2"
12	-----	1	1	VALVE, hydraulic control (See page 170)
13	73058211	1	1	CONSOLE
14	70738335	1	1	LEVER ASSY. (Includes 2 BEARING indented below)
	70928434	2	2	BEARING
15	70639916	1	1	BEARING
	70914847	1	1	CAPSCREW, 3/8" NC x 1-1/2"
	70910287	1	1	LOCKWASHER, 3/8"
	70911115	1	1	WASHER, plain, 3/8"
	70910324	1	1	NUT, 3/8" NC
	70910329	1	1	NUT, 3/8" NF

(Continued)

HYDRAULIC CONTROL (Continued)

ITEM	PART NO.	QTY.		DESCRIPTION
		*	**	
16	70617932	1	1	BEARING
	70916272	1	1	CAPSCREW, 3/8" NC x 1-1/4"
	70910287	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" 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"
21	70655718	-	1	BRACKET
	70915987	-	2	CAPSCREW, 1/2" NC x 1-1/2"
	70912441	-	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	STICKER, bucket control
25	73057339	1	1	SPACER, 7/16" I.D. x 1/2" long



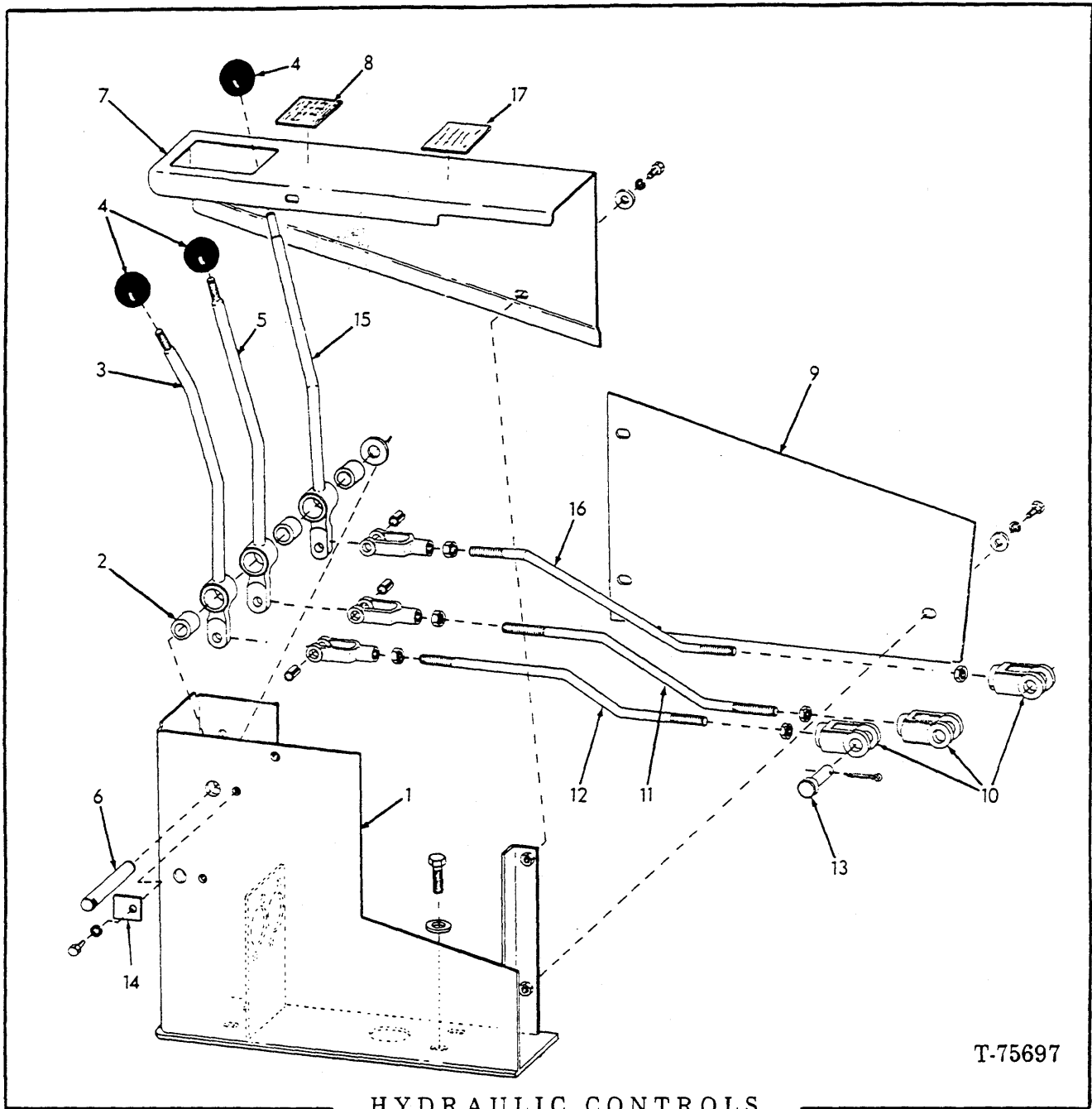
HYDRAULIC CONTROLS
(2 Spool Valve)

ITEM	PART NO.	QTY.	DESCRIPTION
1	73057860	1	SUPPORT
	70920583	4	CAPSCREW, 1/2" NC x 1-1/2"
	70677008	4	WASHER
2	73007065	3	BUSHING
	70910255	1	WASHER, 3/4"
	70915874	1	WASHER, shim (.002" thick)(Use as required)

(Continued)

HYDRAULIC CONTROLS (Continued)
(2 Spool Valve)

ITEM	PART NO.	QTY.	DESCRIPTION
3	70357312	1	LEVER ASSY. (Includes Qty. item 2 BUSHING and items indented below)
	70917666	1	YOKE, 1/2"
	70922419	1	PIN, 1/2" x 1-1/8"
4	73001171	2	KNOB
5	73057310	1	LEVER ASSY. (Includes Qty. 1 item 2 BUSHING 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
	70928182	3	CAPSCREW, 1/4" NC x 1/2"
	70677004	3	WASHER
8	73067620	1	DECAL, bucket control
9	73057866	1	COVER
	70915406	3	CAPSCREW, 1/4" NC x 3/4"
	70911114	3	WASHER, plain, 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	73070500	1	DECAL, engine starting instruction
16	73054504	8	NUTSERT, 1/4" NC (Not illustrated inside of COVER)



T-75697

HYDRAULIC CONTROLS
(3 Spool Valve)

USAGE: Special Equipment

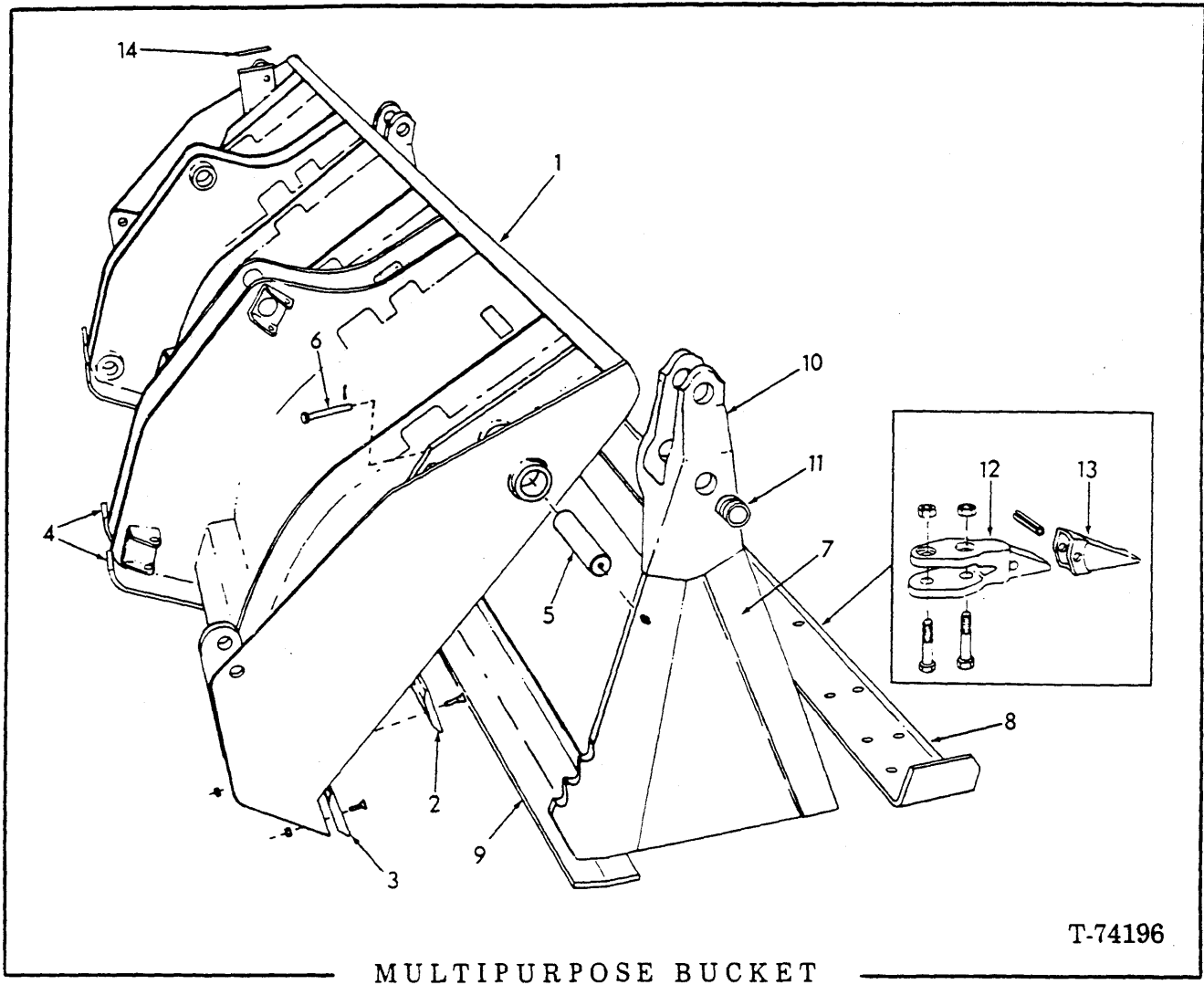
ITEM	PART NO.	QTY.	DESCRIPTION
1	73057860	1	SUPPORT
	70915987	4	CAPSCREW, 1/2" NC x 1-1/2"
	70926192	4	WASHER, plain, 1/2"
2	73007065	3	BUSHING
	70910255	1	WASHER, plain, 3/4"
	70915874	1	WASHER, shim (.020" thick - use as required)

(Continued)

HYDRAULIC CONTROLS (Continued)

(3 Spool Valve)

ITEM	PART NO.	QTY.	DESCRIPTION
3	73057312	1	LEVER ASSY. (Includes Qty. 1 item 2 BUSHING and items indented below)
	70917666	1	YOKE, adjustable, 1/2" NF
	70922419	1	PIN, roll, 1/2" x 1-1/8"
4	73001171	3	KNOB
5	73057310	1	LEVER ASSY. (Includes Qty. 1 item 2 BUSHING and items indented below)
	70917666	1	YOKE, adjustable, 1/4" 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, 1/4"
8	73067620	1	DECAL, bucket control
9	73057866	1	COVER
	70915406	2	CAPSCREW, 1/4" NC x 3/4"
	70911114	3	WASHER, plain, 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 Qty. 1 item 2 BUSHING 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	73070500	1	DECAL, engine starting instructions
18	73054504	8	NUTSERT, 1/4" NC (Not illustrated, inside of cover)



MULTIPURPOSE BUCKET

USAGE: Special Equipment

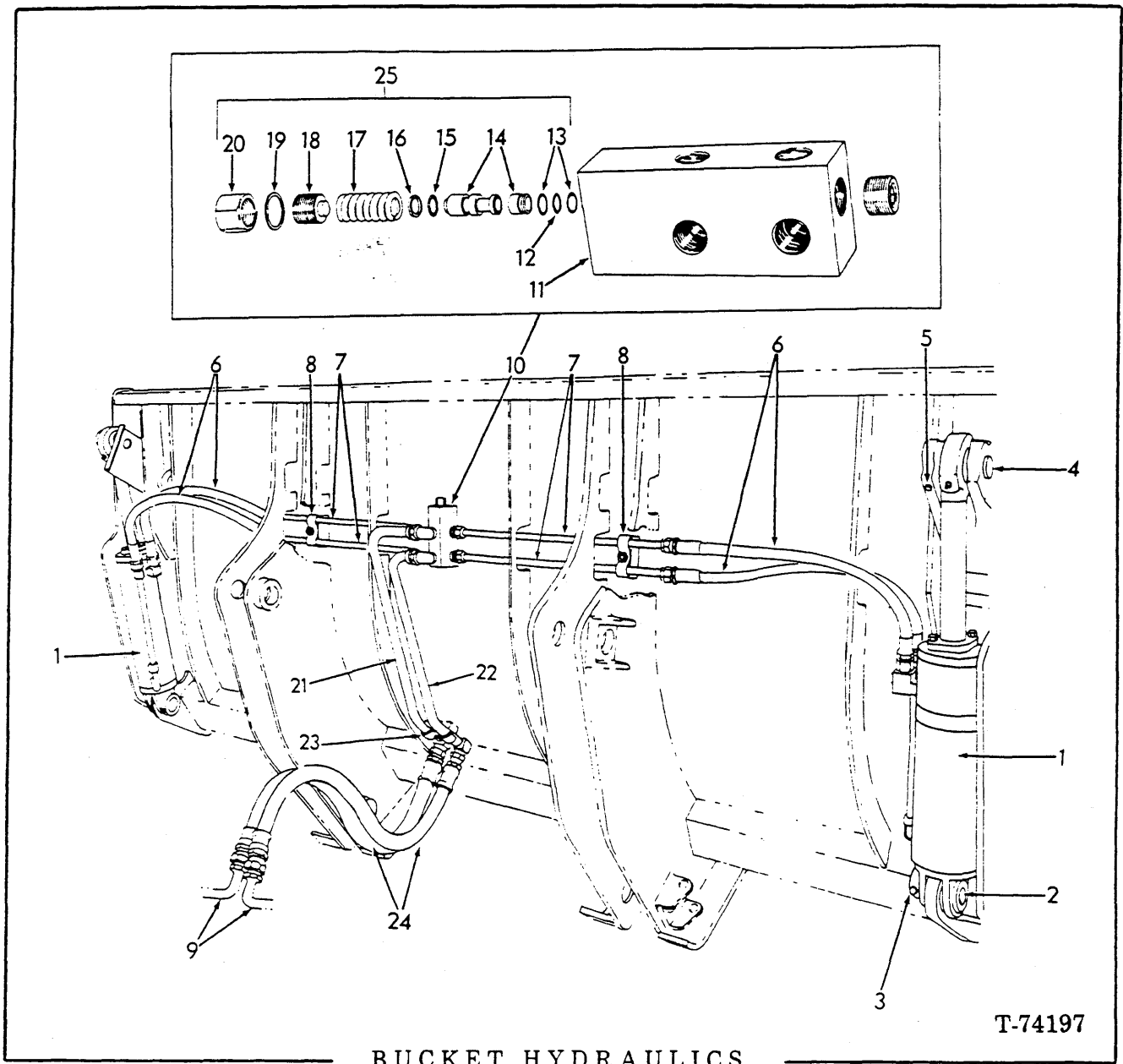
ITEM	PART NO.	QTY.	DESCRIPTION
1	70664536	1	MOLDBOARD, weld assy. (Includes items 2 thru 4)
	70654127	2	TRANSFER, "clean daily" (applied to moldboard)
2	70664541	1	EDGE
	70924797	15	BOLT, plow, 3/4" NC x 2"
	70910923	15	NUT, 3/4" NC
3	70664540	2	BIT
	70924797	6	BOLT, plow, 3/4" NC x 2"
	70910923	6	NUT, 3/4"
4	70664551	4	SHOE (welded to item 1)
5	70663356	2	PIN ASSY. (Includes FITTING indented below)
	70914465	2	FITTING, lube, 1/8" NPT
6	70663455	2	PIN
	70900806	2	PIN, cotter, 1/8" x 1"
7	70664537	1	CLAM, weld assy. (Includes items 8 thru 11)

(Continued)

MULTIPURPOSE BUCKET (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
8	70664538	1	EDGE
9	70664539	1	EDGE
10	70663279	1	HINGE, L.H.
	70663280	1	HINGE, R.H.
11	70663278	4	BUSHING
12	70664549	10	SHANK
	70925631	10	CAPSCREW, 7/8"NC x 4"
	70916262	10	CAPSCREW, 7/8"NC x 4-1/4"
	70900372	20	NUT, 7/8" NC
13	70664548	10	TIP, bucket tooth
	70920145	10	PIN, spring, 1/2" x 3"
14	70664546	1	TRANSFER, clam opening indication (applied to rear of moldboard)

Welded to Clam Assy.



USAGE: Special Equipment. For units with Multipurpose Bucket see page 189.

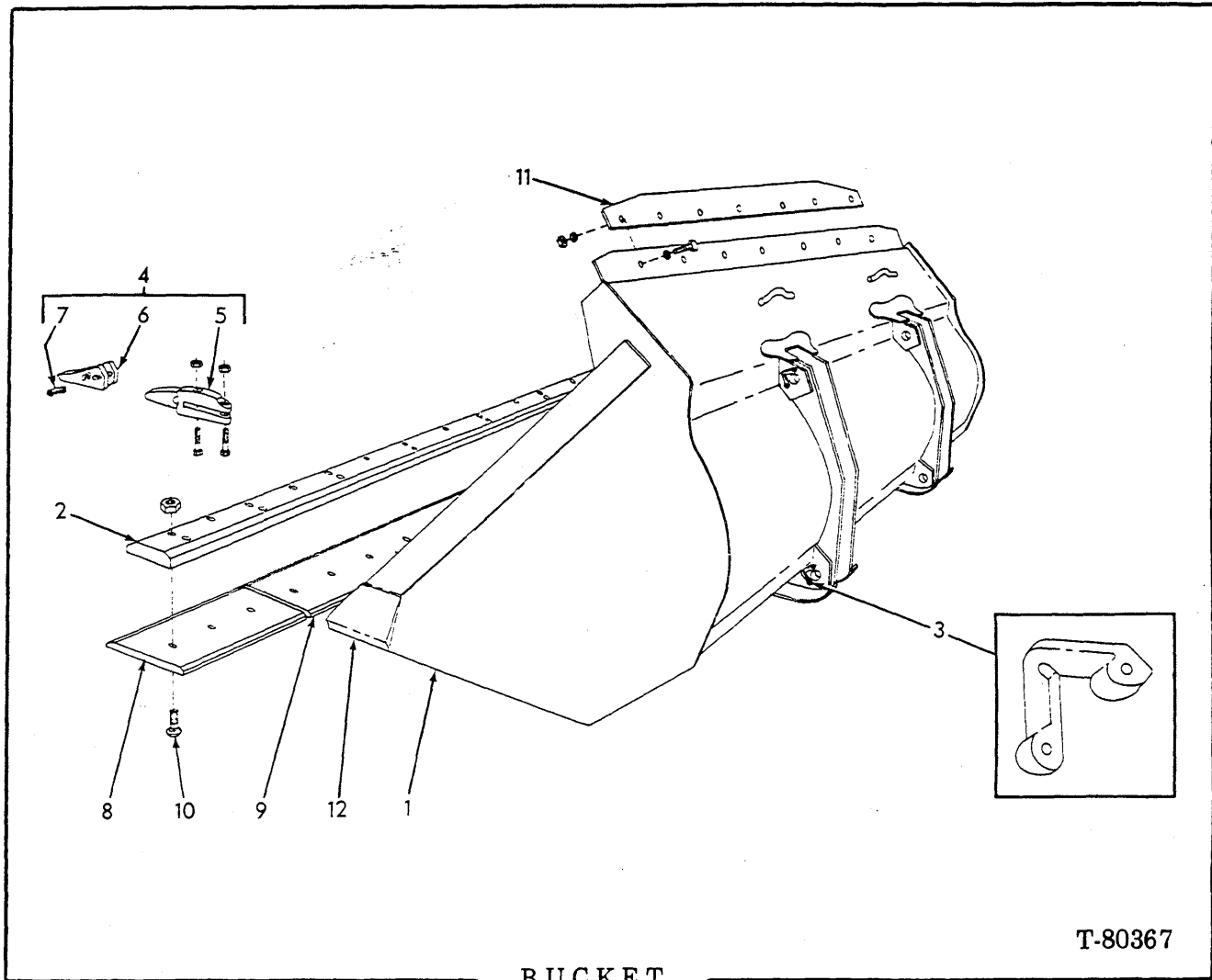
ITEM	PART NO.	QTY.	DESCRIPTION
1	-----	2	CYLINDER ASSY. (See page 195)
2	70663354	2	PIN
3	70663455	2	PIN
	70900806	2	PIN, cotter, 1/8" x 1"
4	70663355	2	PIN
5	70663456	2	PIN
	70900806	2	PIN, cotter, 1/8" x 1"
6	70663459	4	HOSE (See page 8)
	70919342	4	CONNECTOR, 3/4" tube, 1-1/16" str. thd. (at cylinder)

(Continued)

BUCKET HYDRAULICS (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
7	70664545	4	TUBE
	70919615	4	CONNECTOR, male, 3/4" tube, 1/2" NPT (at valve)
8	70654125	2	CLAMP
	70900367	2	NUT, 3/8" NC
	70910287	2	LOCKWASHER, 3/8"
9	-----	2	TUBE ASSY. (See page 176)
10	70654123	1	VALVE ASSY. (Consists of items 11 thru 20)
11	-----	1	BODY, relief valve (Order item 10)
	70908944	1	PLUG, hex-socket, 1/2" NPT
12	-----	1	O-RING
13	-----	2	RING
14	-----	1	PLUNGER ASSY. (Includes seat)
15	-----	1	O-RING
16	-----	1	RING
17	-----	1	SPRING
18	-----	1	SCREW
19	-----	1	GASKET
20	70656899	1	CAP
21	70664543	1	TUBE
	70920751	1	ELBOW, male, 3/4" tube, 1/2" NPT
22	70664544	1	TUBE
	70920751	1	ELBOW, male, 3/4" tube, 1/2" NPT
23	70654121	1	CLAMP
	70900367	1	NUT, 3/8" NC
	70910287	1	LOCKWASHER, 3/8"
24	70664542	2	HOSE ASSY. (Serviced only as an assy.)
25	70684391	1	REPAIR KIT, valve (consists of items 12 thru 19)

} Order
item 25



T-80367

BUCKET

NOTE: Complete BUCKET ASSY. is a Machinery Item. See your FIAT-ALLIS dealer.

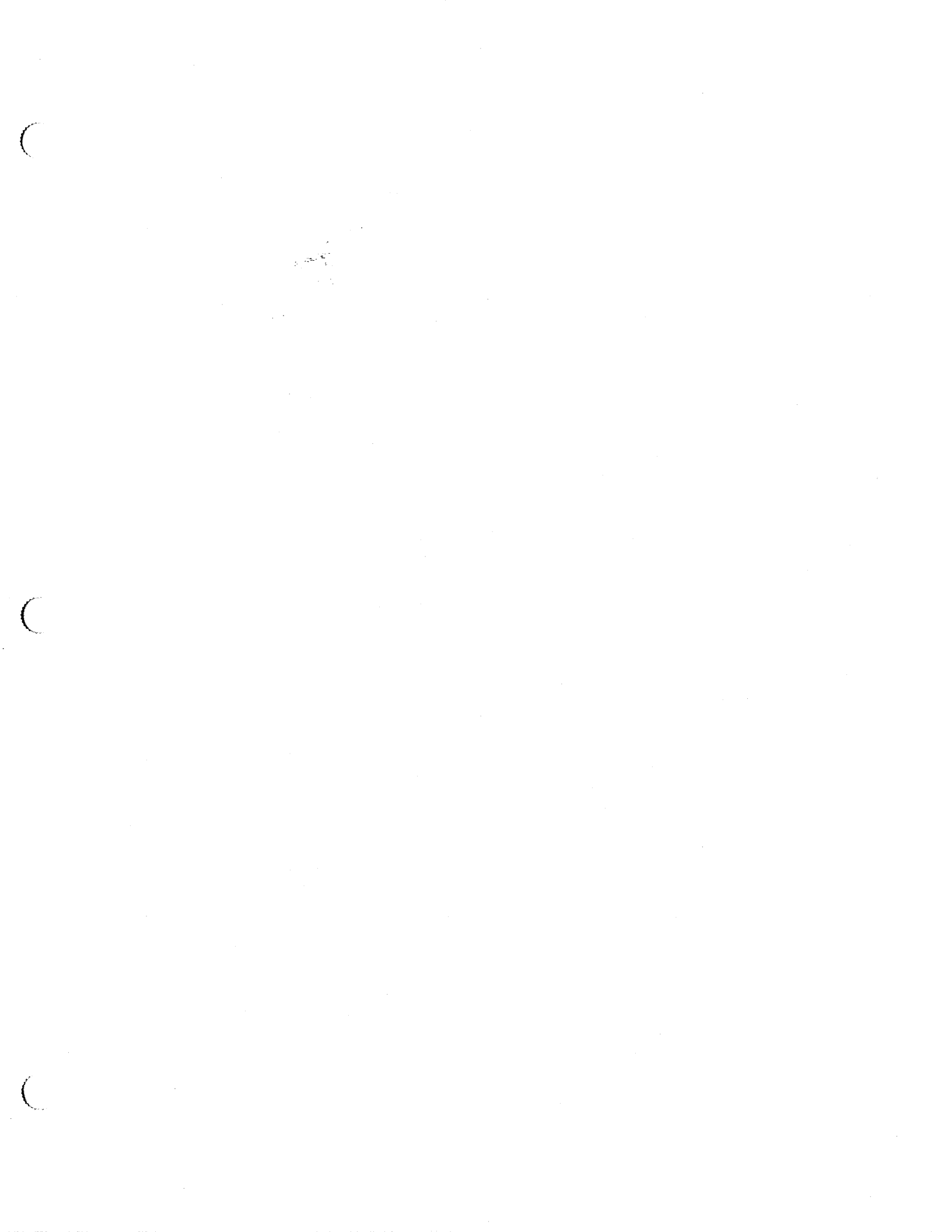
ITEM	PART NO.	QTY.	DESCRIPTION	
1	73073363	1	BUCKET ASSY. (3-1/2 cu. yd.) } (Includes items 2 and 3)	
	73073360	1		
	73073364	1		
2	73066524	1	EDGE (Heat treated) 1-1/2" thick x 118" (Requires welding to install)(18 holes drilled for bucket teeth)	
3	70648977	4	STOP	
4	73065078	9	TOOTH ASSY. (Special Equipment - includes items 5 thru 7)	
5	73065026	9	SHANK	
	70927470	18		CAPSCREW, 7/8" NC x 3-3/4"
	70932930	18		NUT, high, 7/8" NC
6	73065066	9	POINT } Optional Equipment	
	70679206	9		POINT, regular
	73109898	9		POINT, star
7	73066600	9	PIN ASSY. (Serviced only as an assy.)	
	70666983	9		PIN ASSY. (Serviced only as an assy.)(Optional equipment)

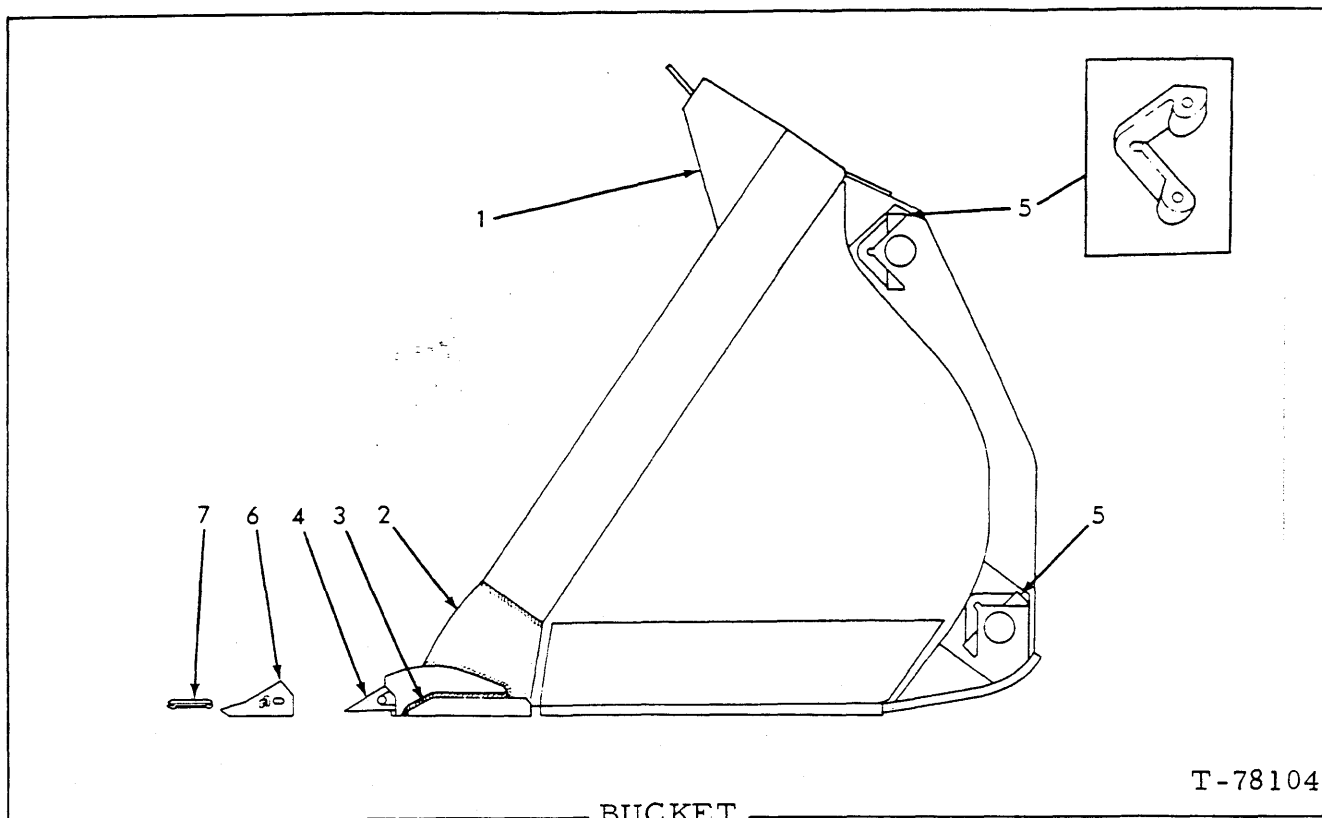
(Continued)

(Revised June 1980)

BUCKET (Continued)

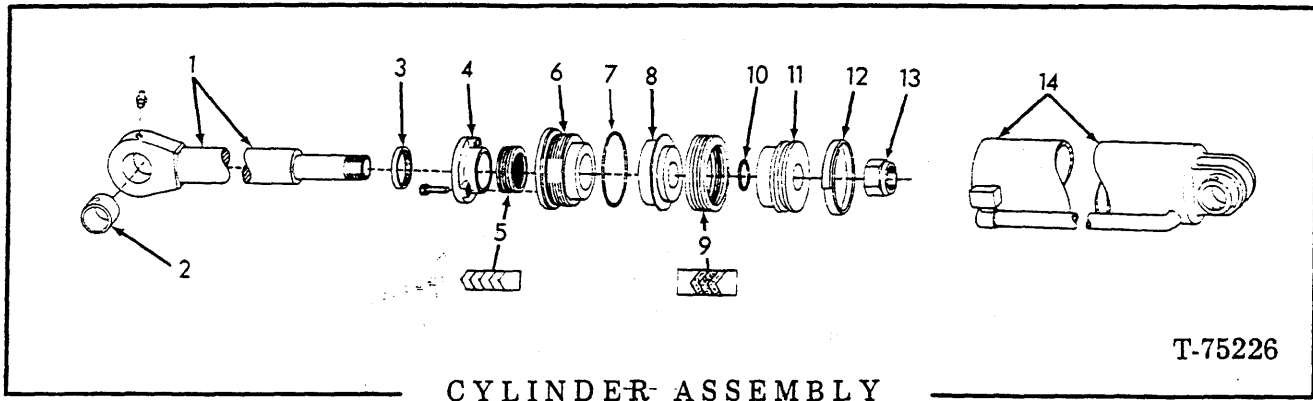
ITEM	PART NO.	QTY.	DESCRIPTION
8	73064504	2	EDGE (heat treated) } Special
9	73068280	1	EDGE (heat treated) } Equipment
10	70933028	15	BOLT, plow, 1" NC x 3-1/2"
	70929611	15	NUT, 1" NC
11	73064553	1	PLATE, spill (Special Equipment)
	70921174	7	CAPSCREW, 5/8" NC x 2-1/2"
	70677010	14	WASHER
	70911029	7	NUT, 5/8" NC
12	73064471	2	BIT (requires welding)





USAGE: Severe duty

ITEM	PART NO.	QTY.	DESCRIPTION
1	73073338	1	BUCKET ASSY., 4 cu. yd. (Includes items 2 thru 5)
2	73069103	2	BIT
3	73069164	1	EDGE, cutting
4	73073337	9	SHANK (Requires welding to install)
5	70648977	4	STOP
6	73065066	9	POINT, general purpose
	70679206	9	POINT, regular
	73109898	9	POINT, star
7	73066600	9	PIN ASSY. (Serviced only as an Assy.)
	70666983	9	PIN ASSY. (Serviced only as an Assy.)(Optional)

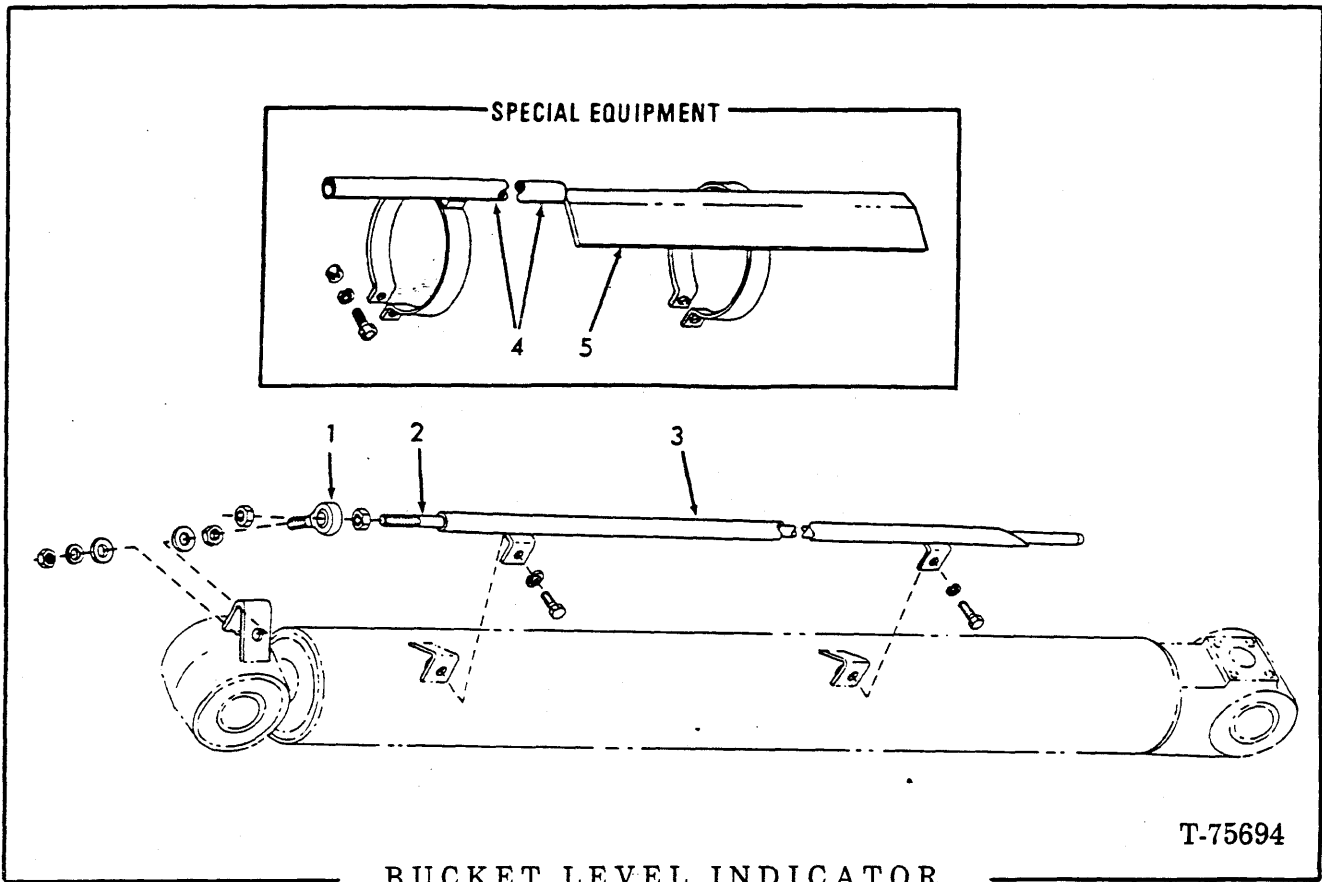


CYLINDER ASSEMBLY

USAGE: Special Equipment for Multipurpose Bucket (See page 191)

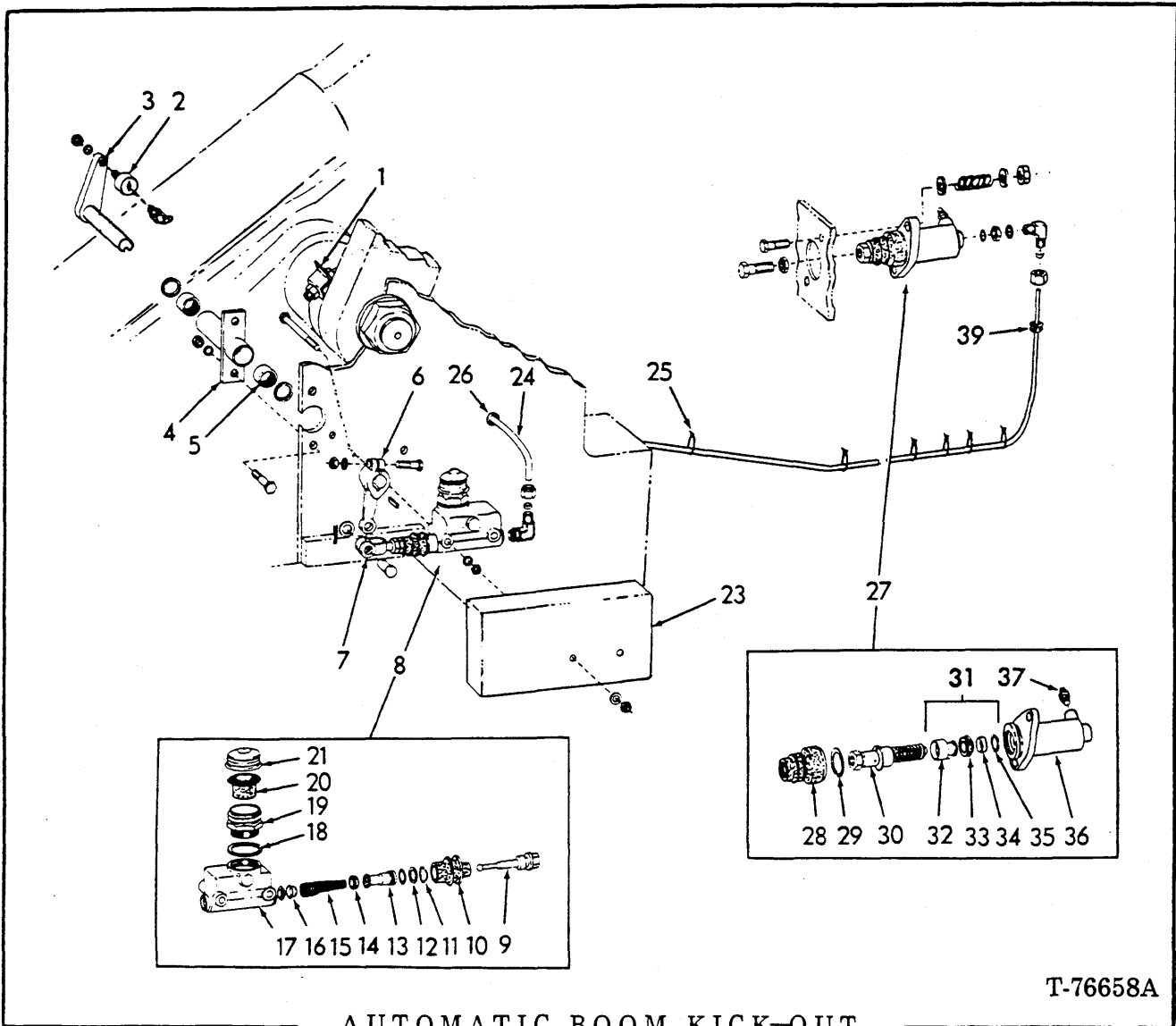
NOTE: Quantity shown is for one CYLINDER ASSY.

ITEM	PART NO.	QTY.	DESCRIPTION
-	70663269	1	CYLINDER ASSY. (Includes items 1 thru 14)
1	70663231	1	ROD ASSY. (Includes item 2)
	70914465	1	FITTING, lube, 1/8"
2	70663283	1	BUSHING
3	70652890	1	SEAL
4	70654169	1	FLANGE
	70924796	3	CAPSCREW, nylok, 3/8" NF x 1"
5	70654168	1	PACKING SET
6	70663282	1	HEAD
7	70923856	1	O-RING
8	70663229	1	PISTON
9	70663228	1	PACKING SET
10	70923664	1	O-RING, 1-1/2"
11	70663216	1	PISTON
12	70663227	1	RING
13	70917778	1	LOCKNUT, 1-1/2" NF
14	70663230	1	TUBE, weld assy.



NOTE: Special Equipment items 4 and 5 are used with Multipurpose Bucket.

ITEM	PART NO.	QTY.	DESCRIPTION
1	73045248	1	BEARING
	70677008	2	WASHER
	70910195	2	NUT, 1/2" NF
2	73057583	1	ROD
	70911028	2	NUT, 1/2" NC
3	73057966	1	PIPE ASSY.
	70922763	2	CAPSCREW, 3/8" NC x 1"
4	70664550	1	TUBE ASSY. (Includes hardware indented below)
	70070960	2	CAPSCREW, 3/8" NC x 1-1/2"
	70910287	2	LOCKWASHER, 3/8"
	70900367	2	NUT, 3/8" NC
5	70664547	1	TRANSFER, bucket position indicator



T-76658A

AUTOMATIC BOOM KICK-OUT

USAGE: Special Equipment — Single Lever Control

ITEM	PART NO.	QTY.	DESCRIPTION
1	73058894	1	CLAMP ASSY. (Includes capscrew)
2	70684010	1	CAM
	70914678	1	LOCKWASHER, 7/16"
	70910986	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"
	70910287	2	LOCKWASHER, 3/8"
	70910324	2	NUT, 3/8" NC
5	70929241	2	BEARING

(Continued)

AUTOMATIC BOOM KICK-OUT (Continued)

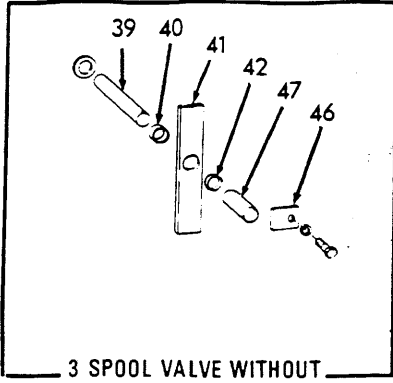
ITEM	PART NO.	QTY.	DESCRIPTION
6	73058897	1	LEVER
	70925225	1	KEY
	70914847	1	CAPSCREW, 3/8" NC x 1-1/2"
	70910287	1	LOCKWASHER, 3/8"
	70910324	1	NUT, 3/8" NC
7	73058896	1	YOKE
	70910324	1	NUT, 3/8" NC
	70917648	1	PIN
	70900806	1	PIN, cotter, 1/8" x 1"
8	73076582	1	CYLINDER ASSY., master (Includes items 9 thru 21)
	70916275	2	CAPSCREW, 3/8" NC x 3-3/4"
	70910287	2	LOCKWASHER, 3/8"
	70910324	2	NUT, 3/8" NC
9	73059079	1	ROD
10	73076584	1	BOOT
11	73058978	1	LOCKWIRE
12	-----	1	PLATE (Order item 22)
13	-----	1	PISTON ASSY. (Order item 22)(Includes O-RING indented below)
	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	73076583	1	REPAIR KIT (Consists of items 10 thru 14 and 16)
23	73058931	1	COVER
	70911115	2	WASHER, plain, 3/8"
	70910324	2	NUT, 3/8" NC
24	-----	-	TUBE, 108" (Refer to item 40)
	70928625	2	ELBOW ASSY., 7/16" NF (Includes NUT, SLEEVE and O-RING indented below)
	70930350	2	SLEEVE, 1/4"
	70930351	2	NUT, 1/4" NF
	70921883	2	O-RING, 11/32" I.D.
25	70925094	6	CLIP
26	70912765	1	GROMMET
27	73057432	1	CYLINDER ASSY., slave (Includes items 28 thru 37)
	70927218	2	CAPSCREW, 3/8" NC x 2-3/4"
	70911115	4	WASHER
	70619260	2	SPRING
	70918308	2	NUT, lock, 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)

(Continued)

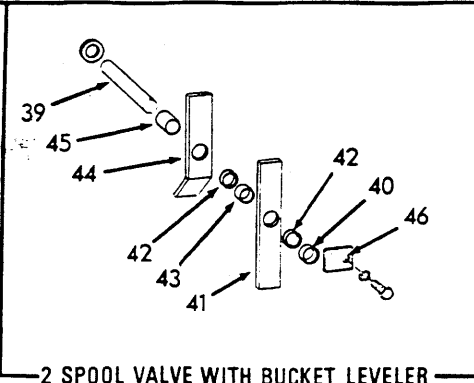
(Revised October 1980)

AUTOMATIC BOOM KICK-OUT (Continued)

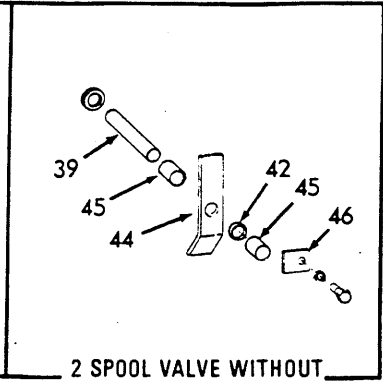
ITEM	PART NO.	QTY.	DESCRIPTION
33	73058962	1	CUP
34	73058963	1	RETAINER
35	70927783	1	RING
36	-----	1	HOUSING (Order item 27)
37	70638413	1	SCREW
38	73058961	1	REPAIR KIT (Consists of items 28, 29, 33, 34, 35 and lockwire)(Lockwire not required for this application)
39	-----	-	CHANNEL, 7" (Refer to item 41)
40	73059021	-	TUBE (100' length - use as required)
41	73048123	-	CHANNEL (25' length - use as required)



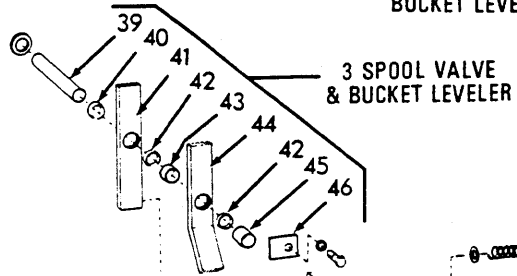
3 SPOOL VALVE WITHOUT
BUCKET LEVELER



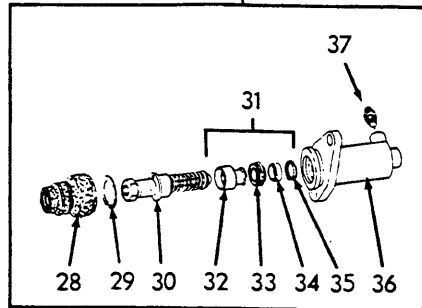
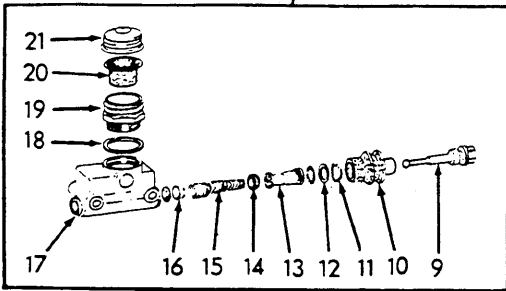
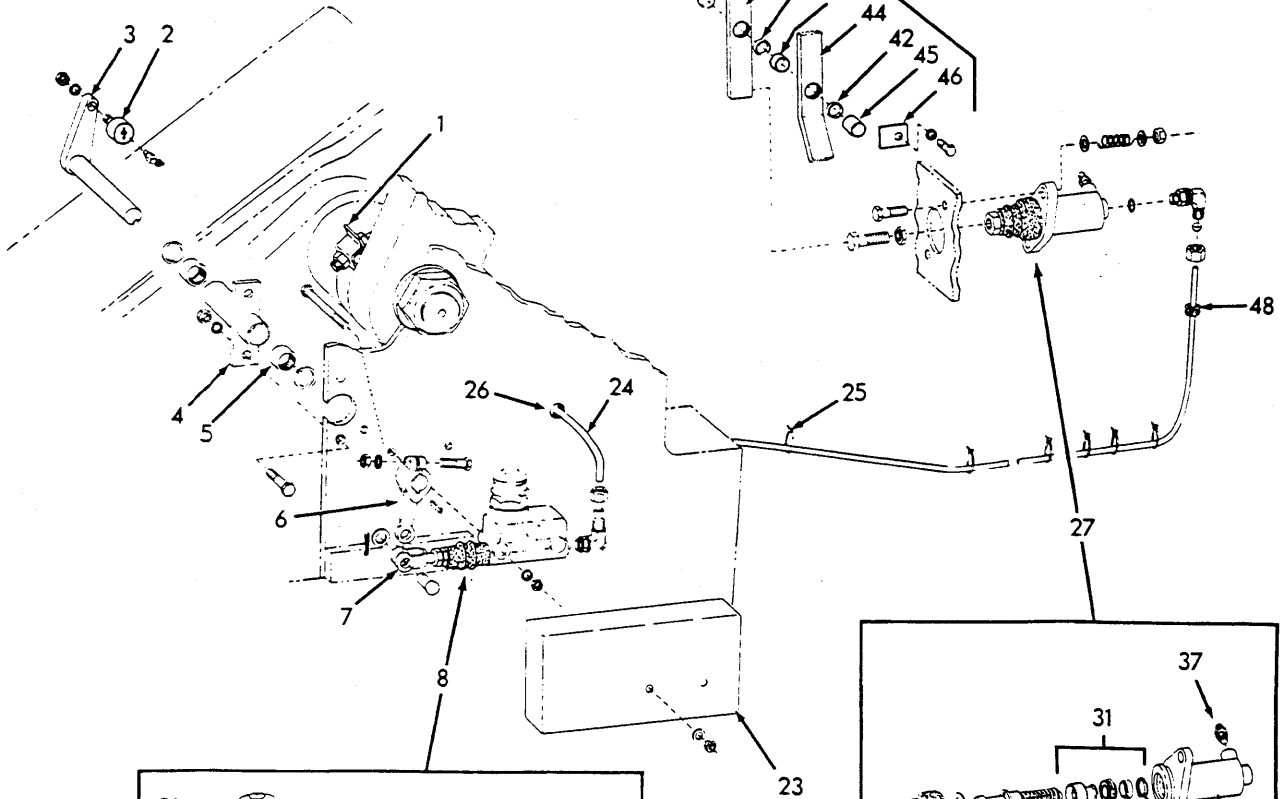
2 SPOOL VALVE WITH BUCKET LEVELER



2 SPOOL VALVE WITHOUT
BUCKET LEVELER



3 SPOOL VALVE
& BUCKET LEVELER



T-76658

AUTOMATIC BOOM KICK-OUT

AUTOMATIC BOOM KICK - OUT
(Hydraulic)

USAGE: Special Equipment —Standard controls

ITEM	PART NO.	QTY.	DESCRIPTION
1	73058894	1	CLAMP ASSY. (Includes capscrew)
2	70684010	1	CAM
	70914678	1	LOCKWASHER, 7/16"
	70910986	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"
	70910287	2	LOCKWASHER, 3/8"
	70910324	2	NUT, 3/8" NC
5	70929241	2	BEARING
6	73058897	1	LEVER
	70925225	1	KEY
	70914847	1	CAPSCREW, 3/8" NC x 1-1/2"
	70910287	1	LOCKWASHER, 3/8"
	70910324	1	NUT, 3/8" NC
7	73058896	1	YOKE
	70910324	1	NUT, 3/8" NC
	70917648	1	PIN
	70900806	1	PIN, cotter, 1/8" x 1"
8	73076582	1	CYLINDER ASSY. (Includes items 9 thru 21)
	70916275	2	CAPSCREW, 3/8" NC x 3-3/4"
	70910287	2	LOCKWASHER, 3/8"
	70910324	2	NUT, 3/8" NC
9	73059079	1	ROD
10	73076584	1	BOOT
11	73058978	1	LOCKWIRE
12	-----	1	PLATE (Order item 22)
13	-----	1	PISTON ASSY. (Order item 22)(Includes O-RING below)
	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	73076583	1	REPAIR KIT (Consists of items 10 thru 14 and 16)
23	73058931	1	COVER
	70911115	2	WASHER, 3/8"
	70910324	2	NUT, 3/8" NF
24	-----	-	TUBE, 108" (Refer to item 49)
	70928625	2	ELBOW ASSY. (Includes NUT, SLEEVE and O-RING indented below)
	70930350	2	SLEEVE, 1/4"
	70930351	2	NUT, 1/4"
	70921883	2	O-RING, 11/32" I.D.

(Continued)

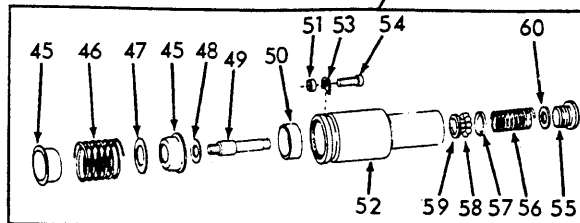
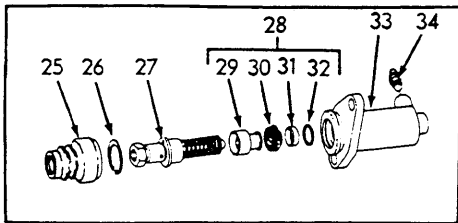
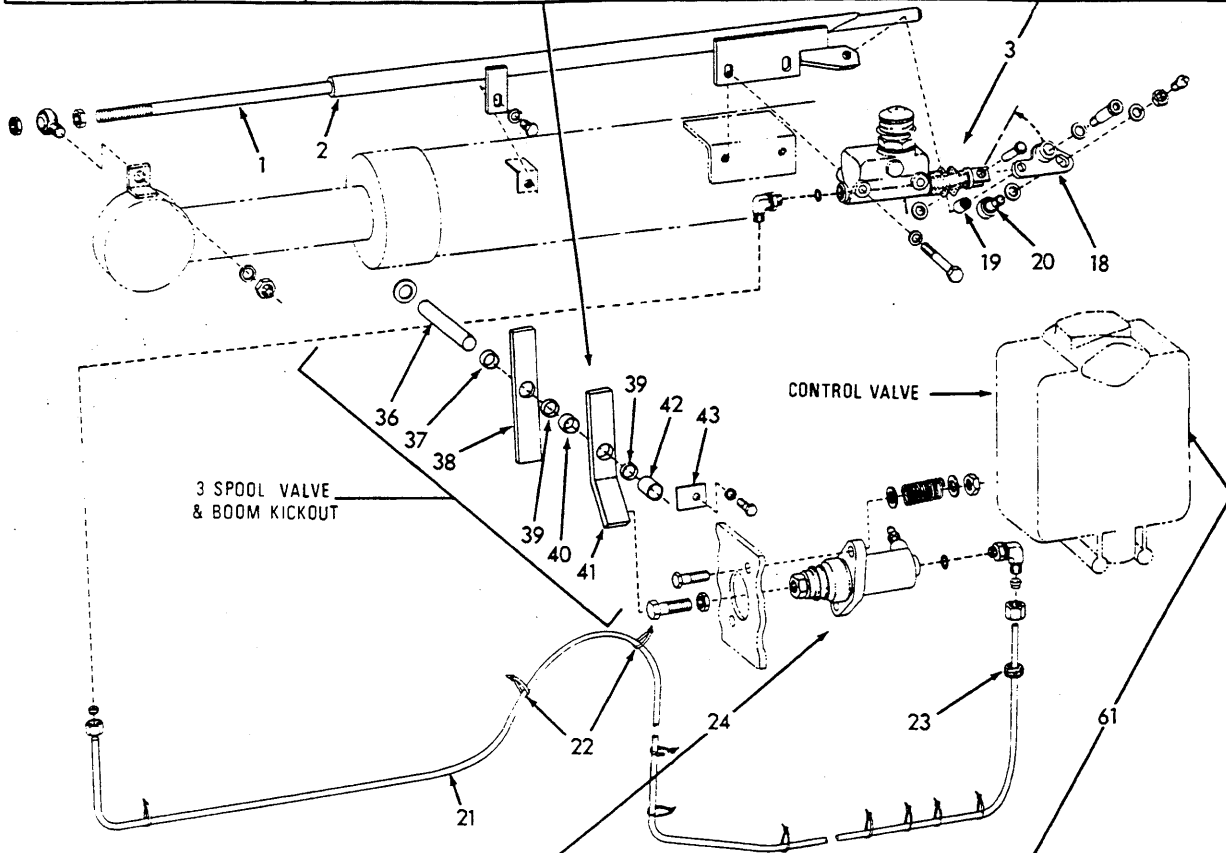
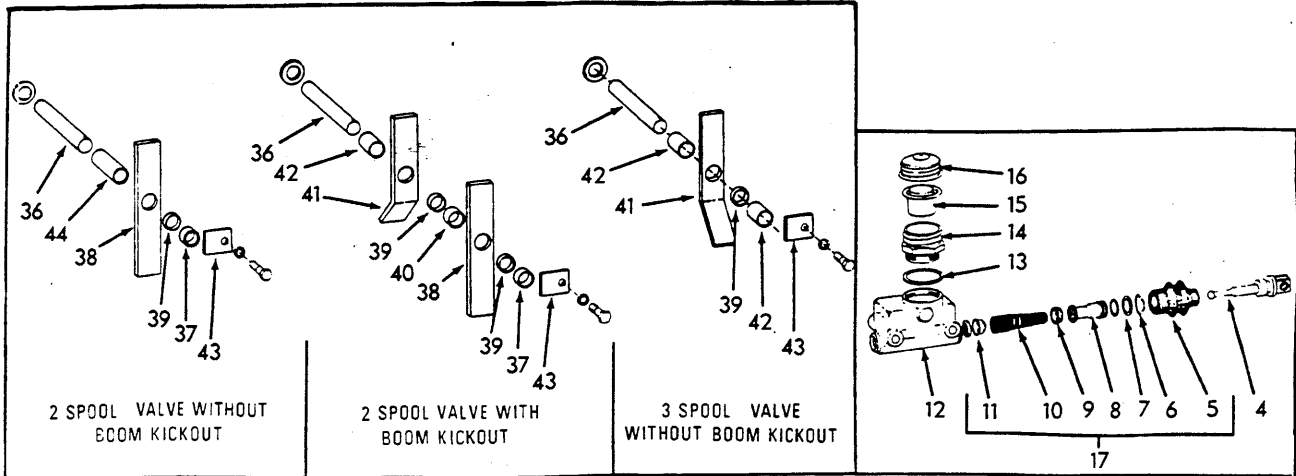
(Revised October 1980)

AUTOMATIC BOOM KICK - OUT (Continued)

(Hydraulic)

ITEM	PART NO.	QTY.	DESCRIPTION
25	70925094	6	CLIP
26	70912765	1	GROMMET
27	73057432	1	CYLINDER ASSY. (Includes items 28 thru 37)
	70927218	2	CAPSCREW, 3/8" NC x 2-3/4" thru 37)
	70911115	4	WASHER
	70619260	2	SPRING
	70918308	2	NUT, lock, 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	73057869	1	SHAFT
40	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
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, 7" long (Refer to item 50)
49	73059021	-	TUBE (100' length - use as required)
50	73048123	-	CHANNEL (25' length - use as required)

MEMO



AUTOMATIC BUCKET LEVELER

AUTOMATIC BUCKET LEVELER

USAGE: Special Equipment — Standard controls

ITEM	PART NO.	QTY.	DESCRIPTION
1	73058457	1	ROD
	73045248	1	BEARING
	70912441	1	LOCKWASHER, 1/2"
	70910195	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	73076581	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	73076584	1	BOOT
6	73058978	1	LOCKWIRE
7	-----	1	PLATE (Order item 17)
8	-----	1	PISTON ASSY. (Includes O-RING indented below)
	70929194	1	O-RING, piston
9	73058975	1	CUP
10	73058974	1	SPRING ASSY.
11	-----	1	VALVE ASSY. (Order item 17)
12	-----	1	HOUSING (Order item 3)
13	73058981	1	GASKET
14	73058982	1	ADAPTER
15	73058983	1	DIAPHRAGM
16	73058984	1	CAP
17	73076583	1	REPAIR KIT (Consists of items 5 thru 9 and 11)
18	73057547	1	BELLCRANK ASSY. (Includes items 19 and 20)
	73059213	1	CAPSCREW, shoulder, 1/4" hex socket, 3/8"
	70910244	1	WASHER, plain, 1/2"
19	70928434	1	BEARING
20	70684010	1	FOLLOWER
	70912298	3	WASHER, plain, 7/16"
	70910986	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	73059021	-	TUBE (100' length - use as required)
	70928625	2	ELBOW ASSY., compression type (Includes NUT, SLEEVE and O-RING indented below)
	70930350	2	SLEEVE, 1/4"
	70930351	2	NUT, 1/4" NF
	70921883	2	O-RING, 11/32" I.D.
22	70925094	10	TIE
23	73048123	-	CHANNEL (25' length - use as required)

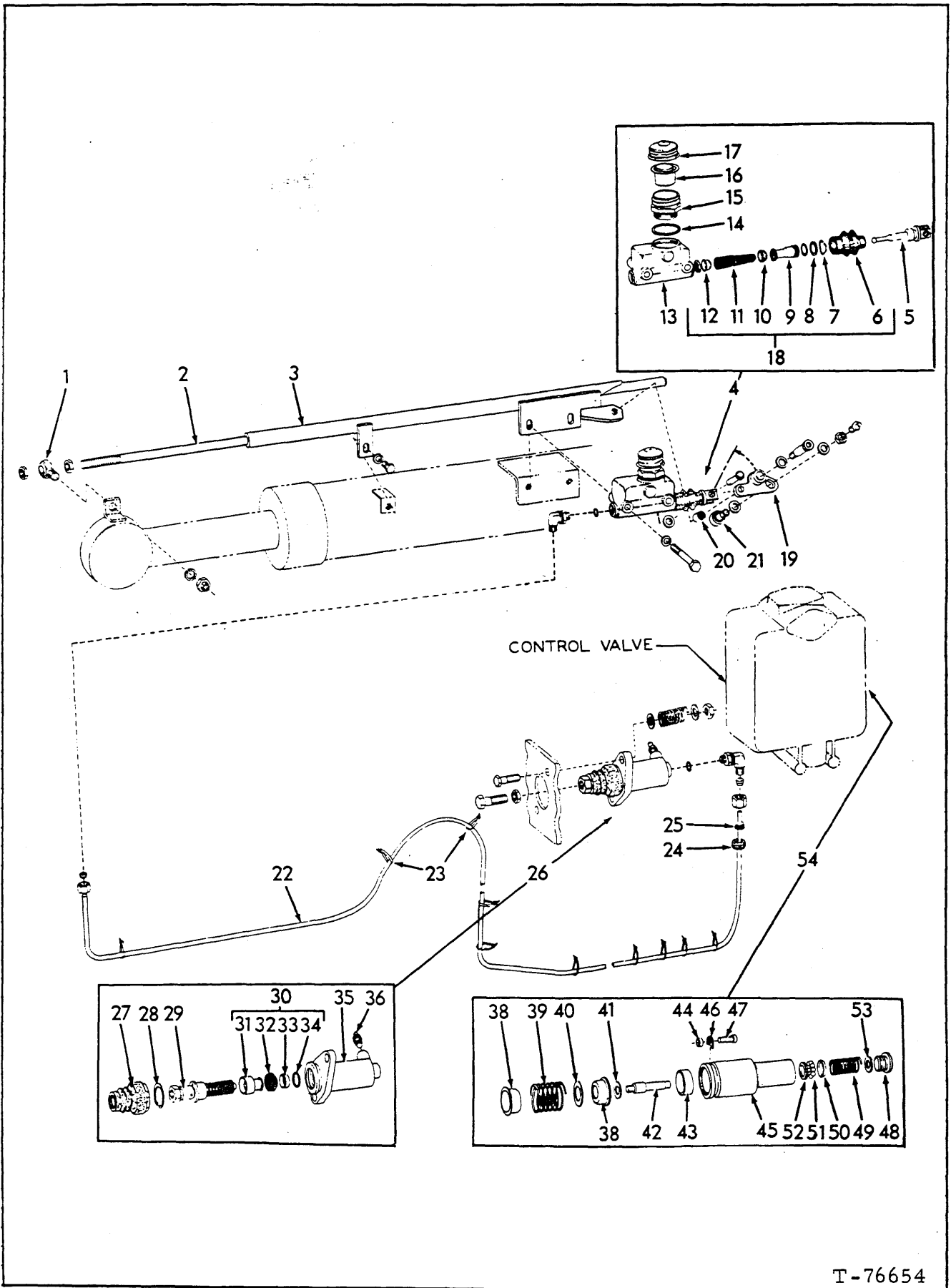
(Continued)

(Revised October 1980)

AUTOMATIC BUCKET LEVELER (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
24	73057432	1	CYLINDER ASSY., slave (Includes items 25 thru 34)
	70927218	2	CAPSCREW, 3/8" NC x 1-1/4"
	70911115	4	WASHER
	70619260	2	SPRING
	70918308	2	NUT, lock, 3/8" NC
	70913105	1	CAPSCREW, 1/2" NF x 1-1/2"
	70913177	1	NUT, 1/2" NF
25	70067487	1	BOOT
26	70927694	1	RING
27	73058960	1	ROD ASSY. (Serviced only as a unit)
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 (Order item 24)
34	70638413	1	SCREW
35	73058961	1	REPAIR KIT, slave cylinder (Consists of items 25, 26, 30, 31, 32 and lockwire)(Lockwire not required for this application)
36	73057869	1	SHAFT
	70910255	1	WASHER, plain, 3/4"
37	73057188	1	SPACER, 11/16" long
38	73057875	1	LEVER ASSY. (Includes quantity one item 39)
39	73057872	2	BUSHING
40	73057197	1	SPACER, 3/4"
41	73057876	1	LEVER ASSY. (Includes quantity 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	-----	2	RETAINER
46	-----	1	SPRING
47	-----	1	SPACER
48	-----	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
55	-----	1	SCREW, adjusting (First type)
	73069094	1	SCREW, adjusting (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
61	73058307	1	DETENT ASSY., bucket spool (Includes items 49 thru 60)

MEMO



T-76654

AUTOMATIC BUCKET LEVELER

USAGE: Special Equipment — Single lever control

ITEM	PART NO.	QTY.	DESCRIPTION
1	73045248	1	BEARING
	70912441	1	LOCKWASHER, 1/2"
	70910244	2	WASHER, plain, 1/2"
	70910195	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	73076581	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	73076584	1	BOOT
7	73058978	1	LOCKWIRE
8	-----	1	PLATE (Order item 18)
9	-----	1	PISTON ASSY. (Includes O-RING indented below)(Order item 18)
	70929194	1	O-RING
10	73058975	1	CUP
11	73058974	1	SPRING ASSY.
12	-----	1	VALVE ASSY. (Order item 18)
13	-----	1	HOUSING (Order item 4)
14	73058981	1	GASKET
15	73058982	1	ADAPTER
16	73058983	1	DIAPHRAGM
17	73058984	1	CAP
18	73076583	1	REPAIR KIT, master cylinder (Consists of items 6 thru 10 and 12)
19	73057547	1	BELLCRANK ASSY. (Includes items 20 and 21)
	73059213	1	CAPSCREW, shoulder, 1/4" hex socket, 3/8" NC
	70910244	1	WASHER, plain, 1/2"
20	70928434	1	BEARING
21	70684010	1	FOLLOWER
	70912298	3	WASHER, plain, 7/16"
	70910986	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
22	73059021	-	TUBE (100' length - use as required)
	70928625	2	ELBOW ASSY., compression type straight threads, male (Includes NUT, SLEEVE and O-RING indented below)
	70930350	2	SLEEVE, 1/4"
	70930351	2	NUT, 1/4" NF
	70921883	2	O-RING, 11/32" I.D.
23	70925094	10	TIE
24	73048123	-	CHANNEL (25' length - use as required)
25	70921230	1	GROMMET

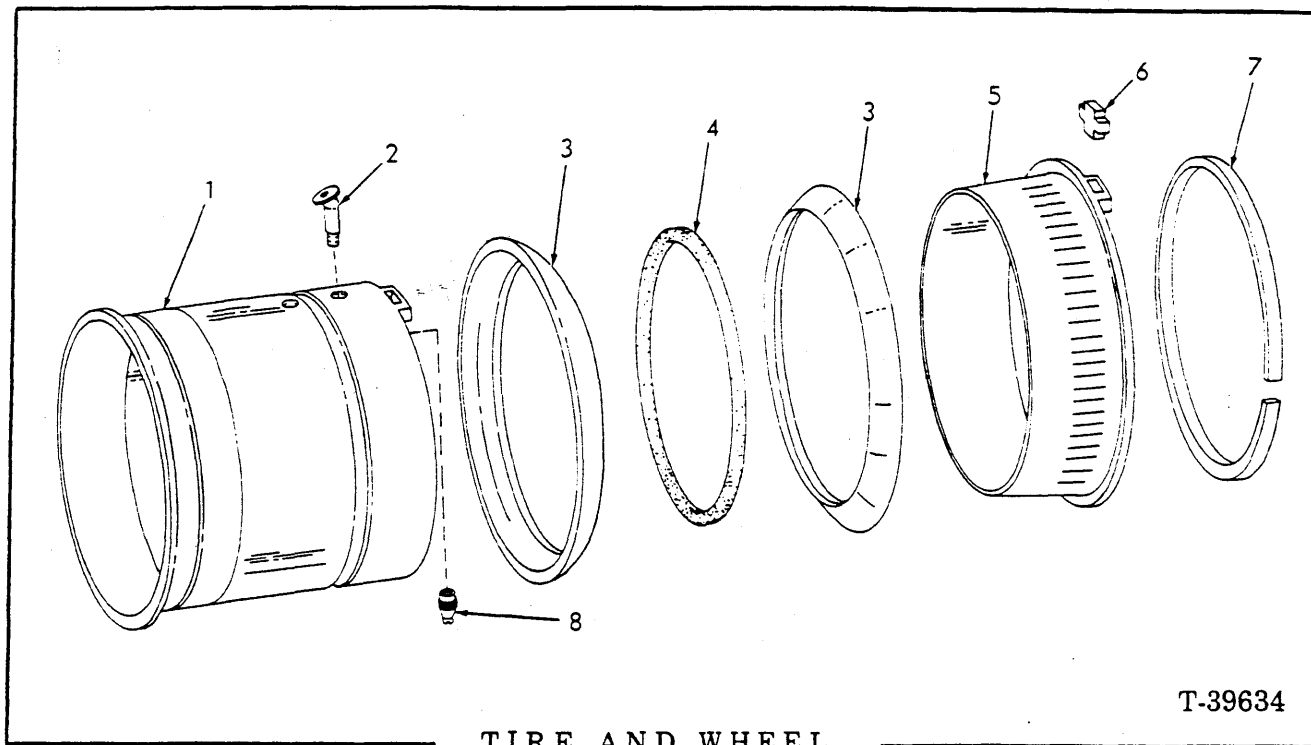
(Continued)

(Revised October 1980)

AUTOMATIC BUCKET LEVELER (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
26	73057432	1	CYLINDER ASSY, (Includes items 27 thru 36)
	70927218	2	CAPSCREW, 3/8" NC x 1-1/4"
	70911115	4	WASHER
	70619260	2	SPRING
	70918308	2	NUT, lock, 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. (Serviced only as a unit)
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 (Consists of items 27, 28, 32, 33 and 34)
38	-----	2	RETAINER
39	-----	1	SPRING
40	-----	1	SPACER
41	-----	1	WASHER
42	73068882	1	STUD
43	73059028	1	SPACER
44	73058497	2	SPACER
45	73058492	1	CAP
46	73058498	2	CLAMP
47	73058499	2	CAPSCREW
48	{ -----	1	SCREW, adjusting (First type)
	73069094	1	SCREW, adjusting (for initial replacement also order item 60)
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 42 thru 53)

See page 170



TIRE AND WHEEL

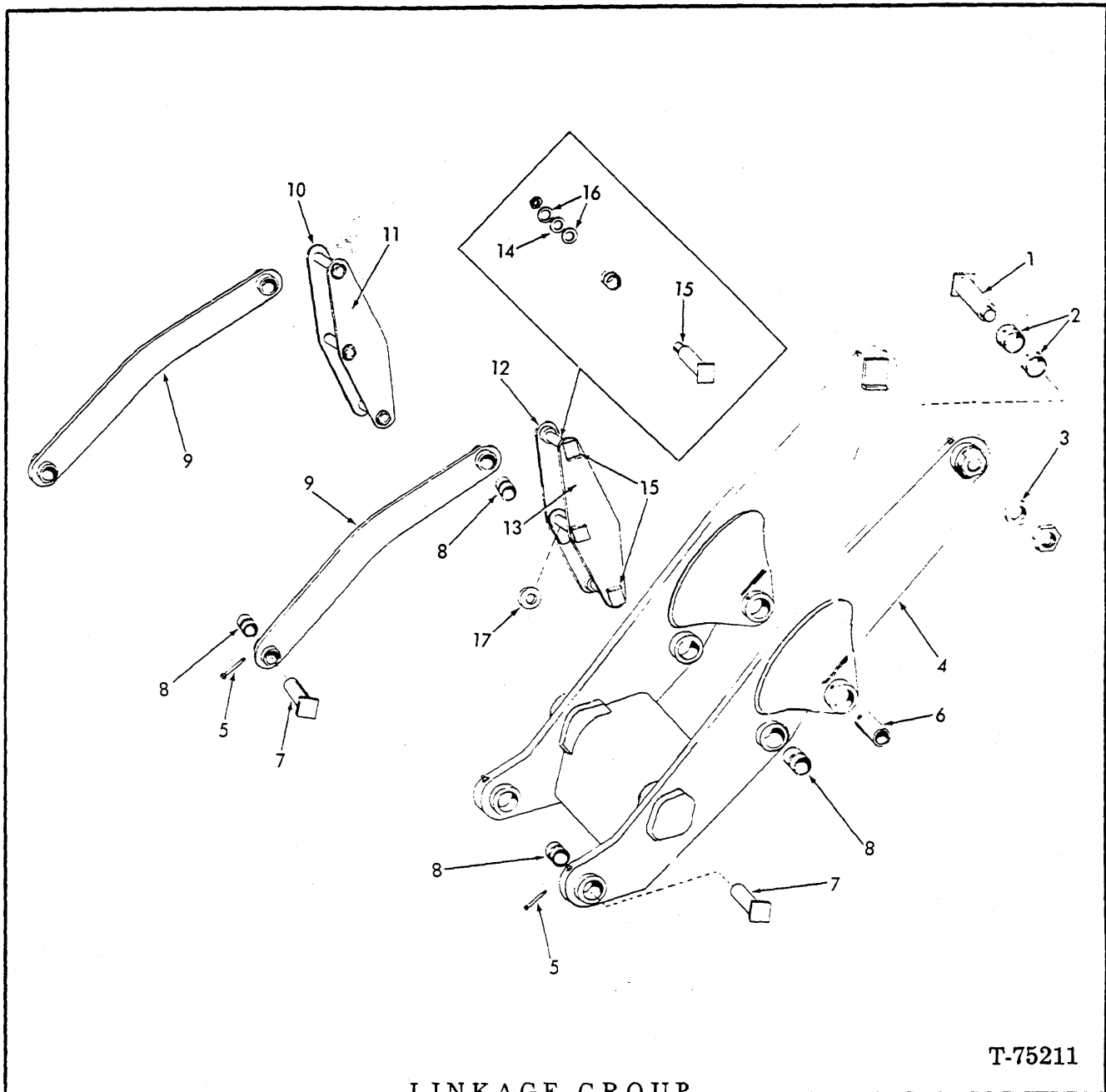
T-39634

USAGE: * For use with 23.5 x 25 tire (Standard Equipment)
 ** For use with 26.5 x 25 tire (Special Equipment)

NOTE: Quantity indicated is for one wheel assembly

ITEM	PART NO.	QTY. * **	DESCRIPTION
-	-----	- -	TUBES (Obtain locally)
-	-----	- -	TIRES (Obtain locally)
1	{ 73046881	1 -	WHEEL
	{ 73062391	- 1	WHEEL
2	73052021	1 1	VALVE ASSY. (Serviced only as a unit)
2a	73047482	1 1	EXTENSION VALVE (Not illustrated)
3	{ 73029971	2 -	FLANGE
	{ 70180479	- 2	FLANGE
4	73027549	1 1	O-RING
5	{ 73041531	1 -	BAND
	{ 73103273	- 1	BAND
6	70183297	1 1	DRIVER
7	73034382	1 1	RING
8	73069471	1 1	CAP, valve

(Revised November 1979)



LINKAGE GROUP

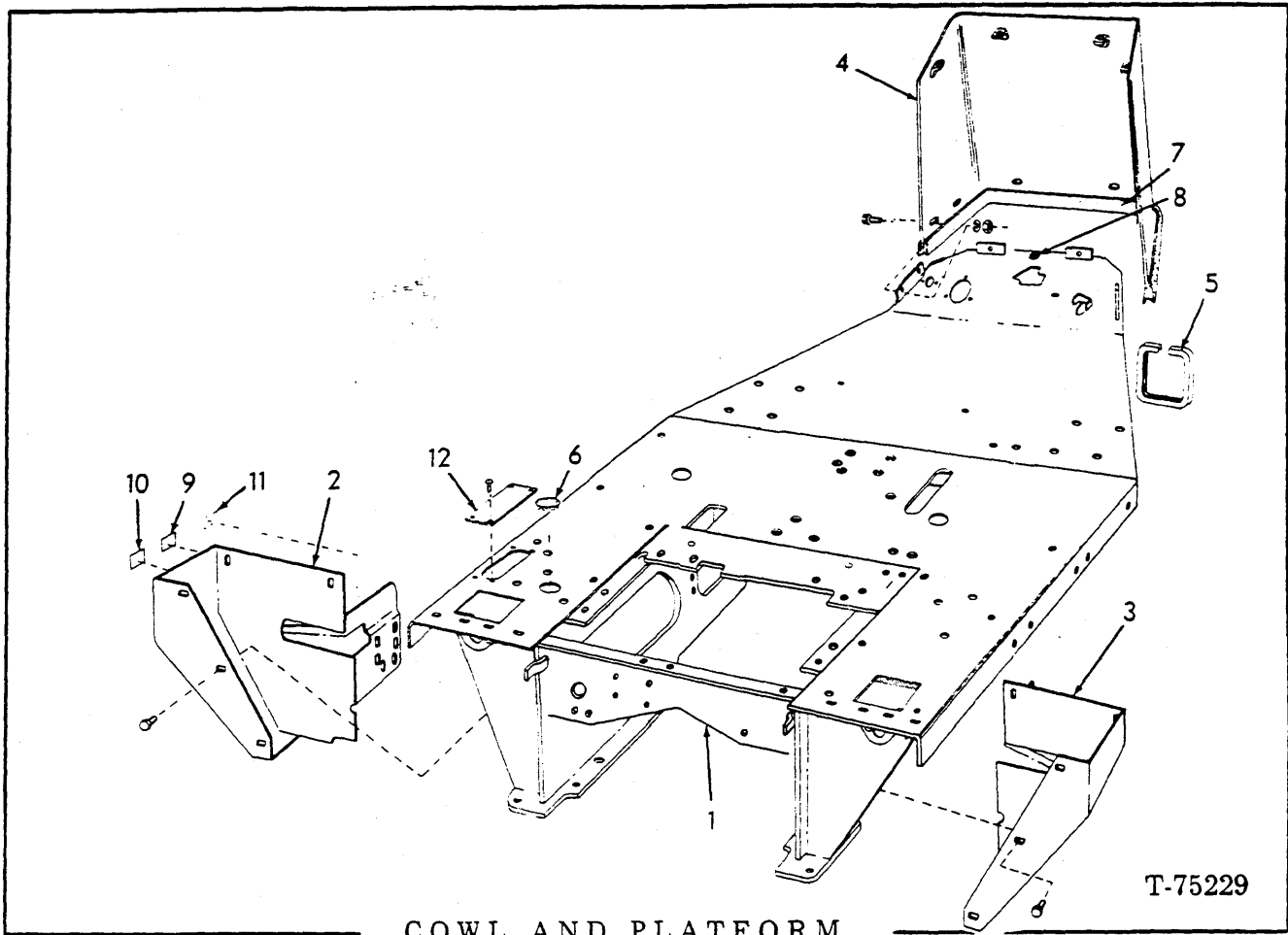
T-75211

ITEM	PART NO.	QTY.	DESCRIPTION
1	73046271	2	PIN
	70925751	2	LOCKNUT, 2-1/4" NC
2	73031012	4	BUSHING
3	73045027	2	SPACER
4	73055173	1	BOOM ASSY., short (Includes items 2 and 8)(Special Equipment)
	73057790	1	BOOM ASSY., long (Includes items 2 and 8)
	70923014	4	FITTING, lube, 45°, 1/8" NPT (boom pivot)
	70922887	8	FITTING, lube, straight, 1/8"

(Continued)

LINKAGE GROUP (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
5	70927180	4	CAPSCREW, 1/2" NC x 5-1/4"
	70915972	4	LOCKNUT, 1/2" NC
6	-----	2	PIN (see page 163)
7	73046273	4	PIN
8	73046249	8	BUSHING
9	{ 73047646	2	LINK ASSY., short boom (Includes item 8)(Special Equipment)
	{ 73057784	2	LINK ASSY., long boom (Includes Qty. 4 item 8)
	{ 70922887	8	FITTING, lube, 1/8"
10	73047640	1	LINK, right outer
11	73047638	1	LINK, right inner
12	73047637	1	LINK, left inner
13	73047639	1	LINK, left outer
14	{ 73046315	-	WASHER (.0359" thick. Use as required)
	{ 73046317	-	WASHER (.059" thick. Use as required)
15	73046260	4	PIN
16	73044963	4	WASHER
	70924130	4	NUT, safety, 1-3/4" NC
17	73012494	4	WASHER (Use as required between dump cylinder rod end and LINK)



COWL AND PLATFORM

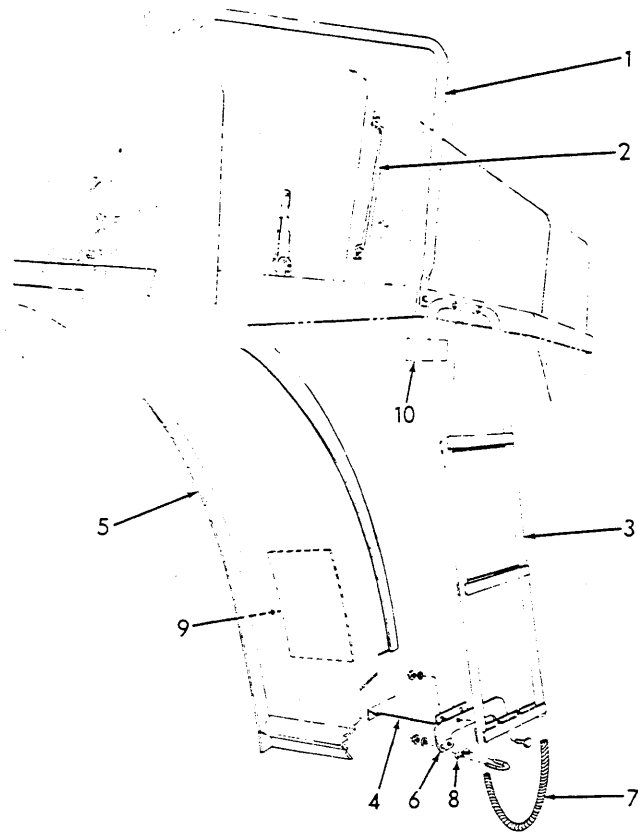
ITEM	PART NO.	QTY.	DESCRIPTION
1	73067300	1	PLATFORM
	70921178	4	CAPSCREW, 5/8" NF x 2-3/4"
	70927532	8	CAPSCREW, 5/8" NF x 3-1/2"
	70927328	24	WASHER
	70926712	12	NUT, 5/8" NF
2	73067284	1	COVER, weld assy., left
	70923683	7	CAPSCREW, self-tapping, 3/8" NC x 3/4"
	70922763	3	CAPSCREW, 3/8" NC x 1"
	70911026	3	NUT, 3/8" NC
3	73059492	1	COVER, weld assy., right
	70923683	5	CAPSCREW, self-tapping, 3/8" NC x 3/4"
	70922763	2	CAPSCREW, 3/8" NC x 1"
	70911026	2	NUT, 3/8" NC
4	73058162	1	COWL
	70923683	6	CAPSCREW, self, tapping, 3/8" NC x 3/4"
5	-----	1	CHANNEL, 33" (Refer to item 13)
6	73024079	1	BUTTON, plug
7	-----	-	SEAL, 55" (Refer to item 14)
8	74255329	1	GROMMET
9	73108820	1	DECAL, brake fluid

(Continued)

(Revised November 1979)

COWL AND PLATFORM (Continued)

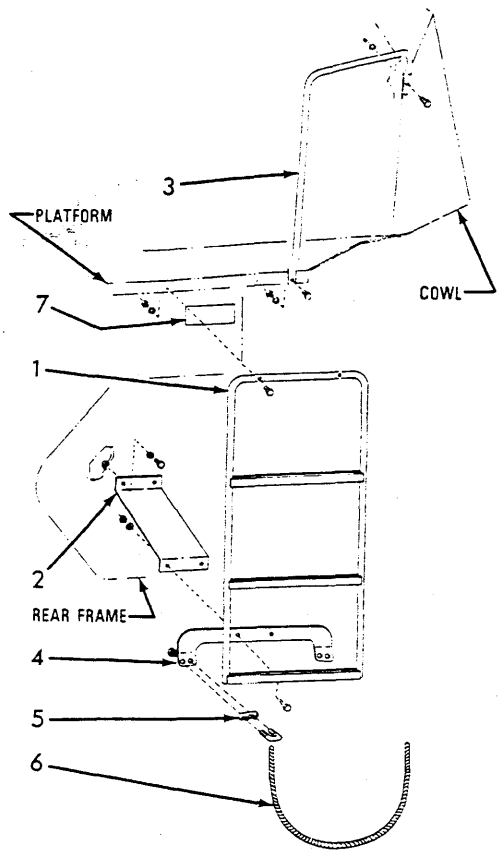
ITEM	PART NO.	QTY.	DESCRIPTION
10	73108815	1	DECAL, air tanks
11	73067712	1	DECAL, patent plate
12	73069270	1	COVER
	70921273	4	SCREW, machine, 1/4" NC x 7/8"
13	73047354	-	CHANNEL (25' length — use as required)
14	73064106	-	SEAL (10' length — use as required)



T-75246

LADDER, HAND RAIL AND FENDER

ITEM	PART NO.	QTY.	DESCRIPTION
1	73051703	1	RAIL
	70916271	3	CAPSCREW, 3/8" NC x 1"
	70910287	3	LOCKWASHER, 3/8"
	70910324	3	NUT, 3/8" NC
2	73052024	1	HANDLE
	70922763	2	CAPSCREW, 3/8" NC x 1"
3	73061609	1	LADDER
	70920995	2	CAPSCREW, 3/8" NC x 2"
	70921565	2	CAPSCREW, 3/8" NC x 1-1/2"
	70677006	4	WASHER,
	70911026	4	NUT, 3/8" NC
4	73061897	1	BRACKET
	70922300	2	CAPSCREW, 3/8" NC x 3/4"
	70677006	2	WASHER
5	73067315	1	FENDER, left
	73067316	1	FENDER, right
	70920583	12	CAPSCREW, 1/2" NC x 1-1/2"
	70911028	12	NUT, 1/2" NC
	70677008	6	WASHER (Used at lower mounting plate)
6	73062726	1	PLATE
7	70185606	1	CABLE
8	70188662	2	CLAMP ASSY.
9	73067268	1	DECAL, lube and service plate (applied to left fender)
10	73066552	1	DECAL, ladder

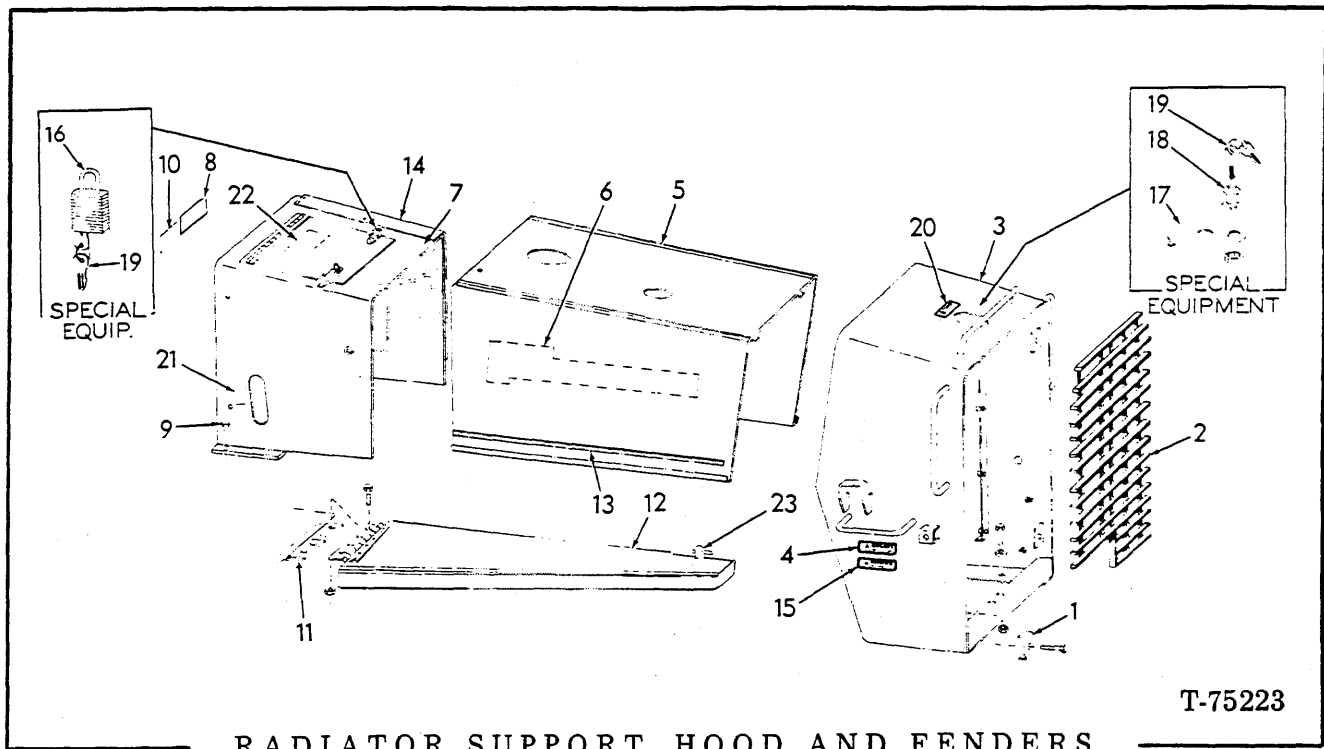


T-76632

LADDER - RIGHT SIDE

USAGE: * Without Cab
 ** With Cab

ITEM	PART NO.	QTY.		DESCRIPTION
		*	**	
1	73061609	1	1	LADDER
	70921565	2	2	CAPSCREW, 3/8" NC x 1-1/2" (lower)
	70920995	2	2	CAPSCREW, 3/8" NC x 2" (upper)
	70677006	4	4	WASHER
	70911026	4	4	NUT, 3/8" NC
2	73061897	1	1	BRACKET
	70922300	2	2	CAPSCREW, 3/8" NC x 1"
	70677006	2	2	WASHER
	70646631	2	2	WELDNUT, 3/8"
3	73062921	1	-	RAIL
	70921565	3	-	CAPSCREW, 3/8" NC x 1-1/2"
	70677006	3	-	WASHER
	70911026	3	-	NUT, 3/8" NC
4	73062726	1	1	PLATE
5	70188662	2	2	CLIP
6	70185606	1	1	CABLE
7	73066552	1	1	DECAL, stay off ladder



RADIATOR SUPPORT, HOOD AND FENDERS

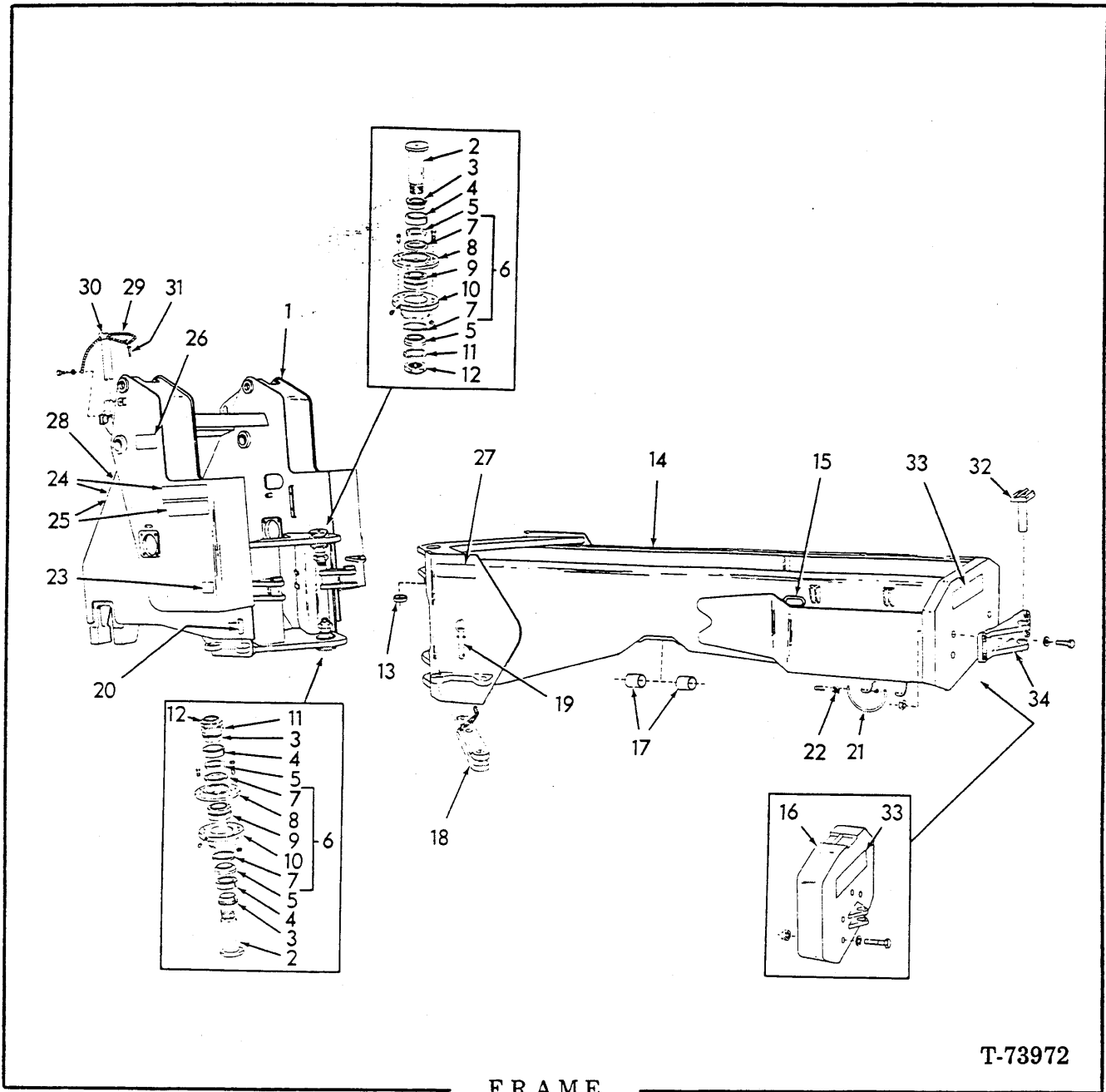
T-75223

ITEM	PART NO.	QTY.	DESCRIPTION
1	73042646	4	CLIP
	70922287	4	CAPSCREW, 3/8" NC x 1-3/4"
	70928845	4	WASHER, plain, 7/16"
2	{ 73067602	1	GRILL (Standard equipment) (shown)
	{ 73048917	1	GRILL (For machines not equipped with back-up alarm)
3	73067267	1	SUPPORT
	70928422	2	CAPSCREW, 1" NF 2-1/2"
	70678072	4	WASHER, 1"
	70922421	2	NUT, 1" NF
	70921597	4	CAPSCREW, 5/8" NC x 3"
	70677010	8	WASHER
	70911029	4	NUT, 5/8" NC
4	73107881	2	STICKER, rotating blades (See page 261)
5	{ 73061794	1	HOOD (Includes instruction sheet)
	{ 73056654	1	HOOD (Special equipment. Use with side panel)
	70922763	3	CAPSCREW, 3/8" NC x 1"
	70911026	3	NUT, 3/8" NC
6	70694432	2	DECAL, "F-A FIAT-ALLIS" (See page 261)
7	73059113	1	BONNET ASSY. (Includes item 14)
8	73067621	1	DECAL, restrictor indicator (See page 261)
9	70922763	6	CAPSCREW, 3/8" NC x 1"
10	73067606	1	DECAL, clutch release
11	73056967	4	BAR
12	{ 73067217	1	FENDER ASSY., left
	{ 73067218	1	FENDER ASSY., right
	70921076	8	CAPSCREW, 3/8" NC x 1-1/4"
	70677006	8	WASHER
	70915891	8	LOCKNUT, 3/8" NC

(Continued)

RADIATOR SUPPORT, HOOD AND FENDERS (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
13	-----	2	STRIP, 200" (refer to item 24)
14	73061888	1	COVER
	70926339	9	CAPSCREW, No. 10 NC x 5/16" (Includes lockwasher)
15	73109134	2	DECAL, disconnect battery (See page 261)
16	70930998	1	PADLOCK (Special Equipment)(Includes item 19)
17	73057513	1	COVER ASSY. (Special Equipment)
18	73058015	1	LOCK ASSY. (Special Equipment)(Includes item 19)
19	73058910	2	KEY
20	73107884	1	DECAL, danger, fluid under pressure
21	73067607	1	DECAL, oil level
22	73067611	1	DECAL, hydraulic tank
23	74359167	2	LATCH KIT
24	73062868	-	STRIP (25' lenth — use as required on bonnet, hood and radiator support)



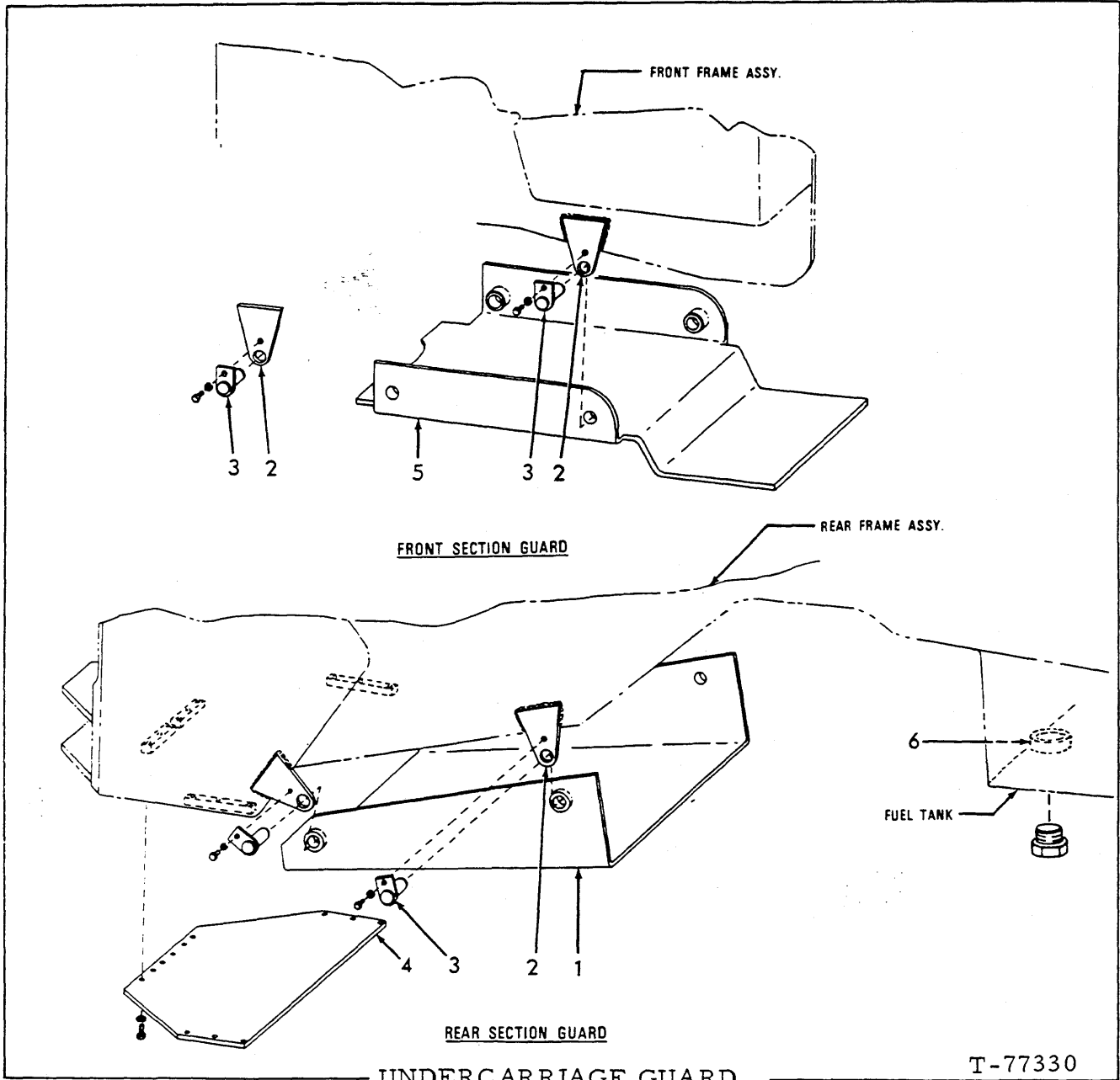
ITEM	PART NO.	QTY.	DESCRIPTION
1	73061710	1	FRAME, weld assy.
2	73046149	2	PIN
3	73045039	3	COLLAR
4	73045038	3	COLLAR
5	73045041	4	BOSS
6	73045111	2	RETAINER ASSY. (Each includes 1/2 Qty. items 7 thru 10)
	70933699	12	CAPSCREW, 5/8" NC x 3-5/8"
	70917688	12	NUT, safety, 5/8" NC
	70915274	2	FITTING, lube, 45°, 1/8" NPT

(Continued)

F R A M E (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
7	73045043	4	SEAL
8	73045045	2	RETAINER
	70922211	4	CAPSCREW, 3/8" NC x 1-1/4"
9	73045054	2	BUSHING
10	73045085	2	RETAINER
11	73045027	2	SPACER
12	70925751	2	NUT, 2-1/2" NC
13	73045033	1	BUSHING
14	73046710	1	FRAME ASSY. (Includes items 13 and 17)
15	-----	2	STRIP, 8" each side (Refer to item 35)
16	73062378	1	COUNTERWEIGHT (Special Equipment - see Machinery Manual)
	70933288	5	CAPSCREW, 7/8" NF x 7-3/4"
	70914488	5	LOCKNUT, 7/8" NF
	70061461	5	WASHER 7/8"
17	73046252	4	BUSHING
18	73061790	1	BAR WELD ASSY. (Includes chain)
19	73061895	1	PIN, detent (Includes ring)
20	73061793	1	PIN
	70919116	1	PIN, spring, 1/4" x 2-1/2"
21	70192930	1	CABLE
22	70188662	4	CLAMP
23	73066557	2	DECAL, articulation
24	73067269	3	DECAL, 745-C
25	-----	-	DECAL, stripe, 64" (Refer to item 36)
26	73112962	1	DECAL, safety support
27	73107897	1	DECAL, brakes
28	70694425	1	DECAL, F-A trademark
29	-----	1	CHAIN, 9 ga. x 18" long (obtain locally)
30	73066747	1	PIN, weld assy. (includes chain)
	70920583	1	CAPSCREW, 1/2" NC x 1-1/2"
	70677008	1	WASHER
	70648180	1	WELDNUT, 1/2" NC
31	70932979	1	PIN, detent
32	70633730	1	PIN, weld assy.
33	70694438	1	DECAL, FIAT-ALLIS
33	73107885	1	DECAL, towing
34	73044717	1	DRAWBAR
	70926262	4	CAPSCREW, 7/8" NF x 5"
	70061461	4	WASHER
	70914488	4	LOCKNUT, 7/8" NF
35	73051332	-	STRIP (10' length - Use as required)
36	73062868	-	DECAL (25' length - Use as required)

(Revised October 1980)

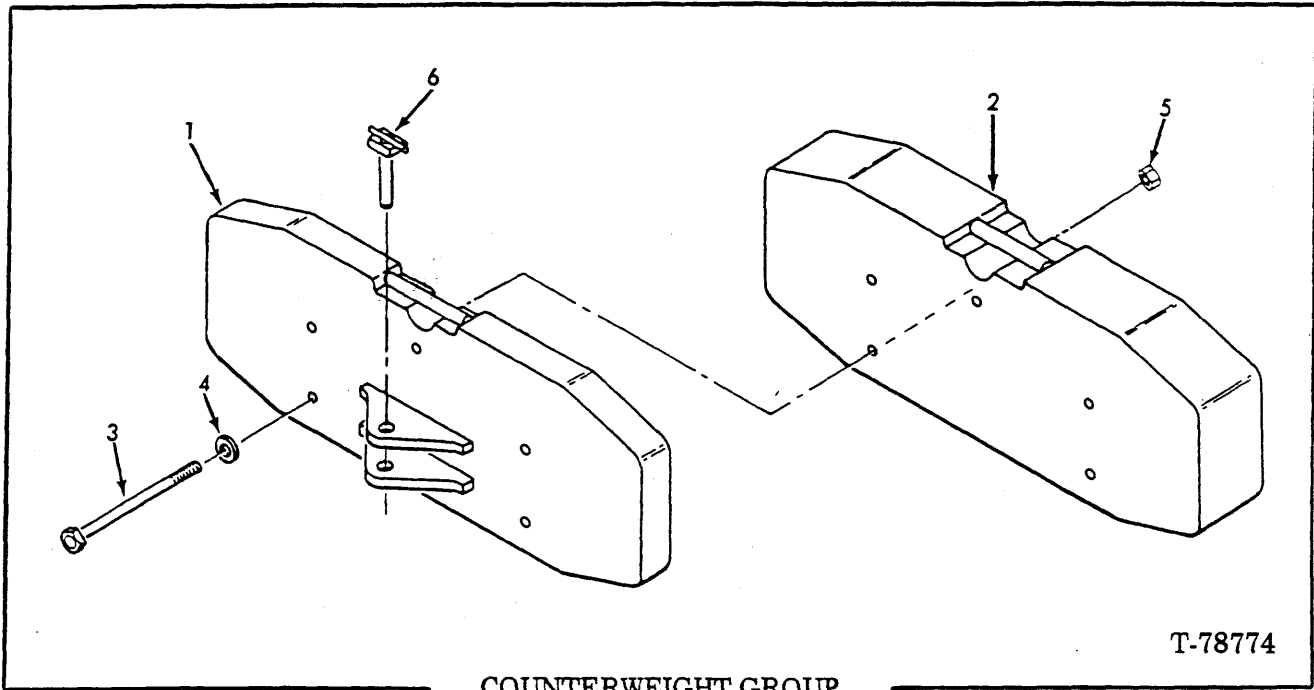


T-77330

USAGE: Special Equipment

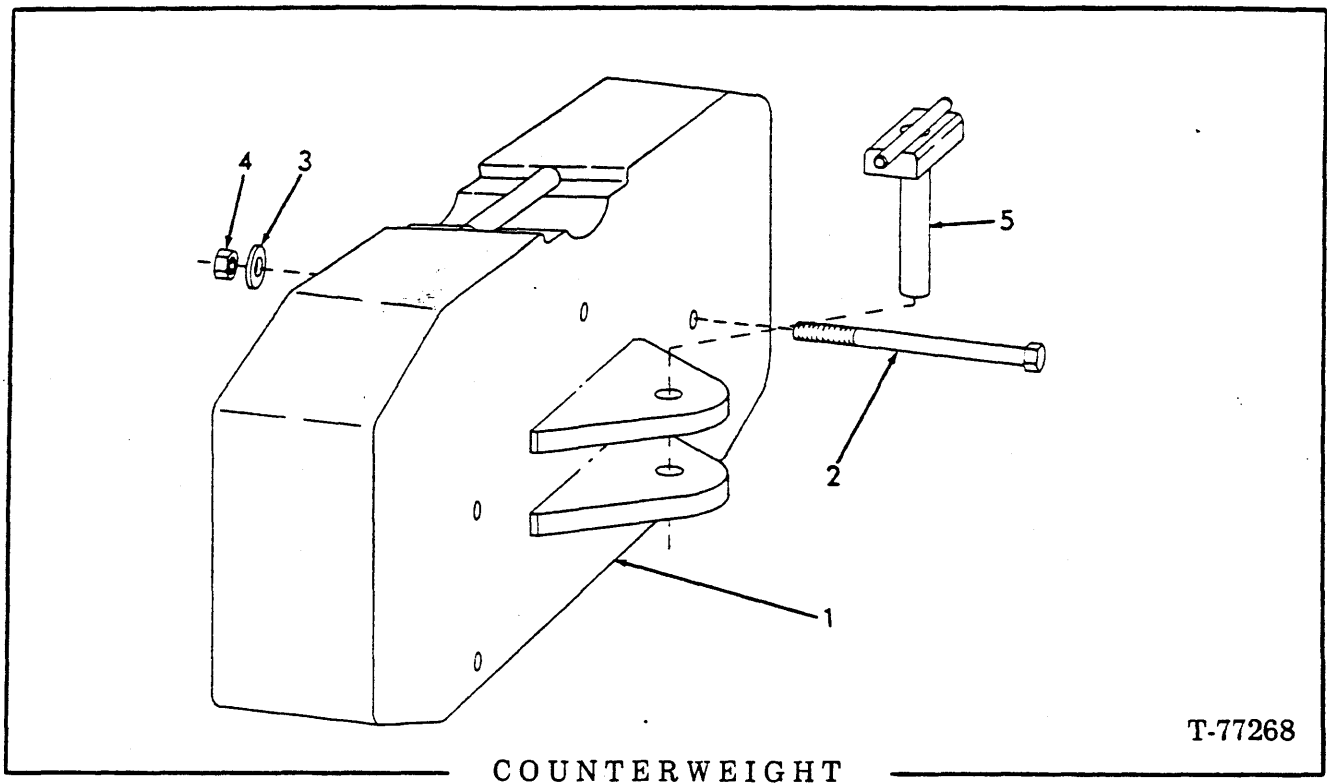
ITEM	PART NO.	QTY.	DESCRIPTION
1	73059350	1	GUARD
2	73058809	8	LUG (Requires welding to install)
	70922763	4	CAPSCREW, 3/8"NC x 1" (Used in rear installation)
	70922300	4	CAPSCREW, 3/8"NC x 3/4" (Used in front installation)
3	73058807	8	PIN
4	73059352	1	PLATE
	70922763	12	CAPSCREW 3/8"NC x 1"
5	73059153	1	GUARD
6	73059003	1	RING (Requires welding to install)

(Added November 1979)



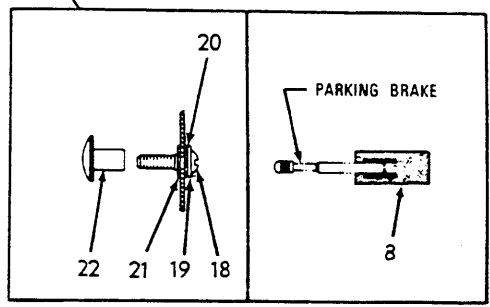
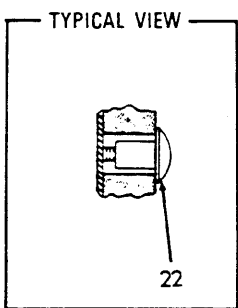
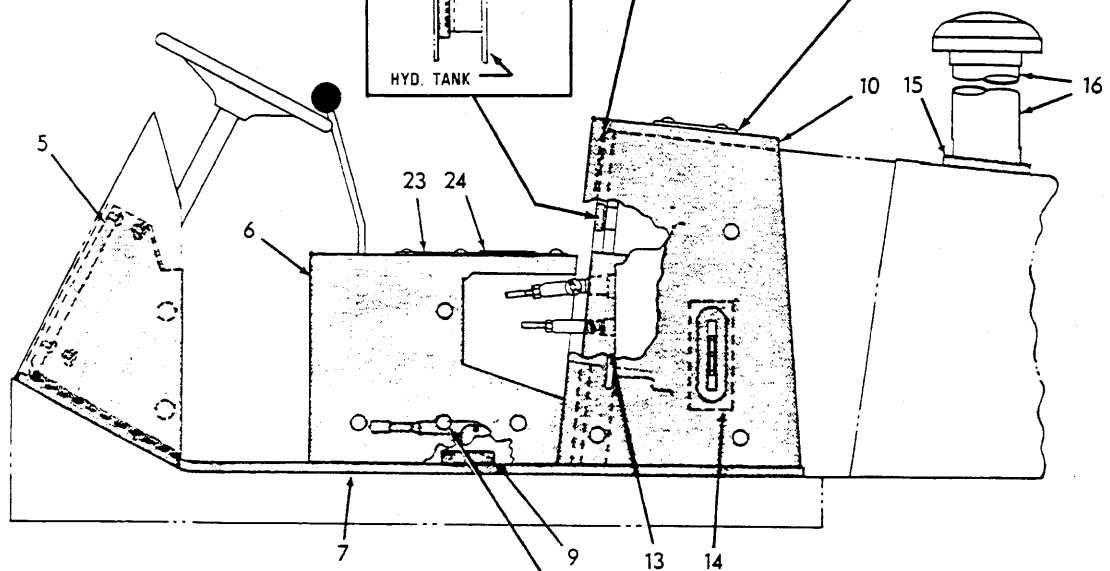
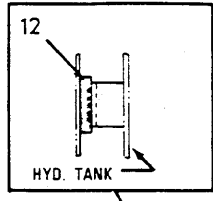
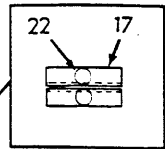
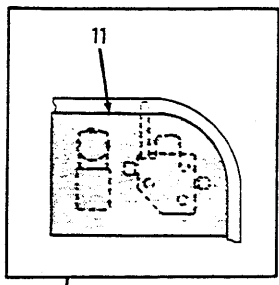
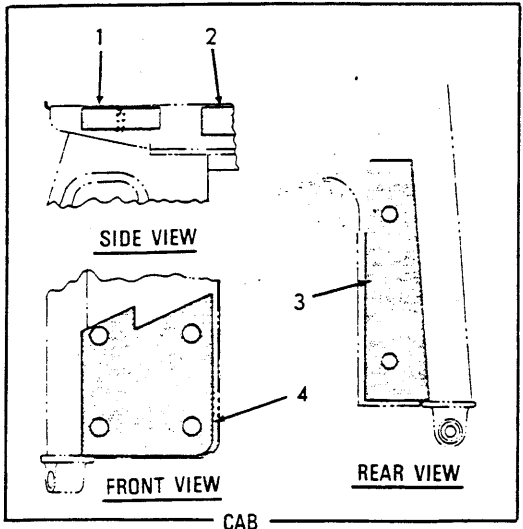
USAGE: Special Equipment — Logging

ITEM	PART NO.	QTY.	DESCRIPTION
1	73062378	1	COUNTERWEIGHT, weld assy. (1720 lbs.)
2	73065711	1	COUNTERWEIGHT, weld assy. (3787 lbs.)
3	70931670	5	BOLT, 7/8" NF x 17" (Used with items 1 and 2)
	70933288	5		CAPSCREW, 7/8" NF x 7-3/4" (Used with item 1)
4	70061461	5	WASHER
5	70914488	5	NUT, 7/8" NF
6	70633730	1	PIN, weld assy. (Std. equipment)
7	73107885	1	DECAL, attaching point
8	70694438	1	DECAL, "Fiat-Allis" } (Not Illustrated)



USAGE: Special Equipment — Logging

ITEM	PART NO.	QTY.	DESCRIPTION
1	73058598	1	COUNTERWEIGHT, weld assy. (3835 lbs)
2	70928802	5	CAPSCREW, 7/8" NF x 13"
3	70061461	5	WASHER, 7/8"
4	70914488	5	NUT, 7/8" NF
5	70633730	1	PIN, weld assy. (std. equipment)
6	73107885	1	DECAL, attaching point
7	70694438	1	DECAL, "Fiat-Allis" } (Not Illustrated)



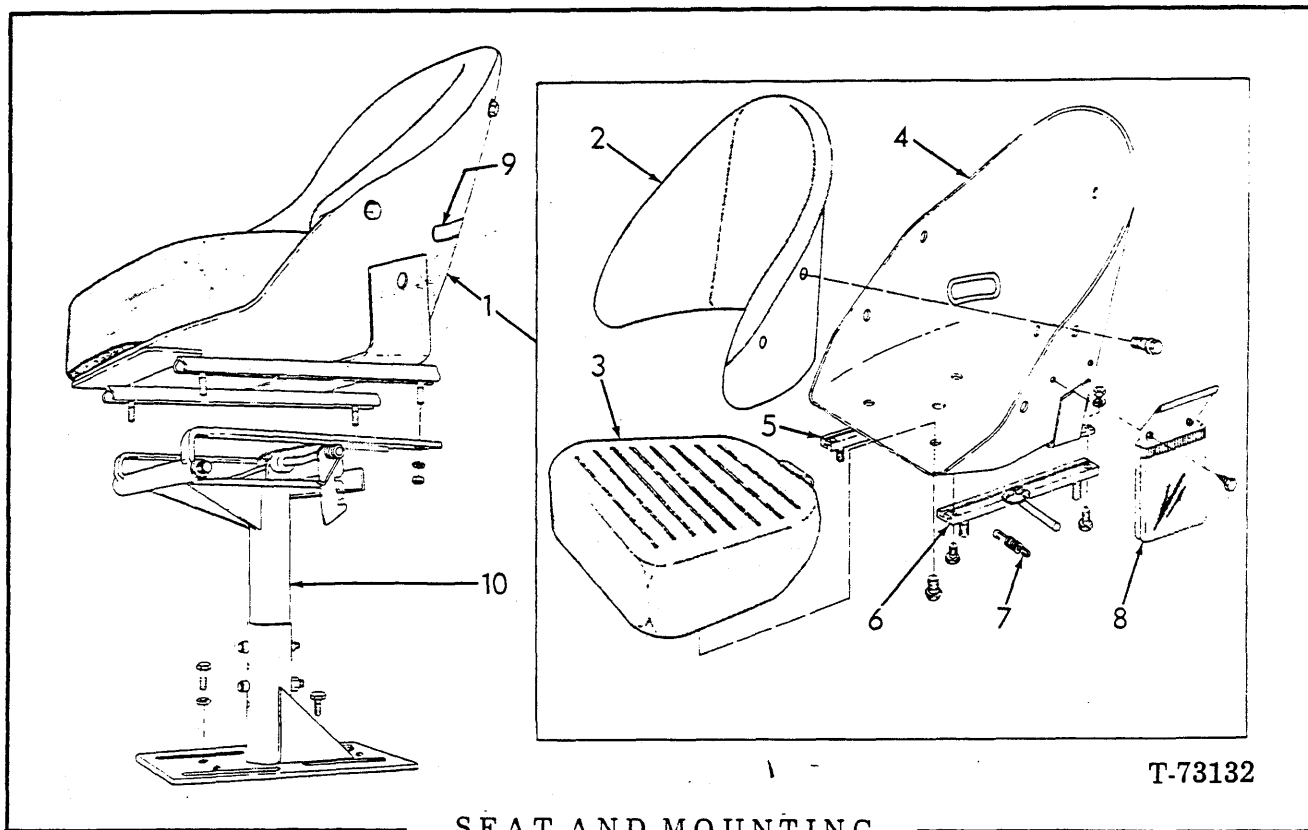
SOUND SUPPRESSION GROUP

T-78761

SOUND SUPPRESSION GROUP

USAGE: Special Equipment

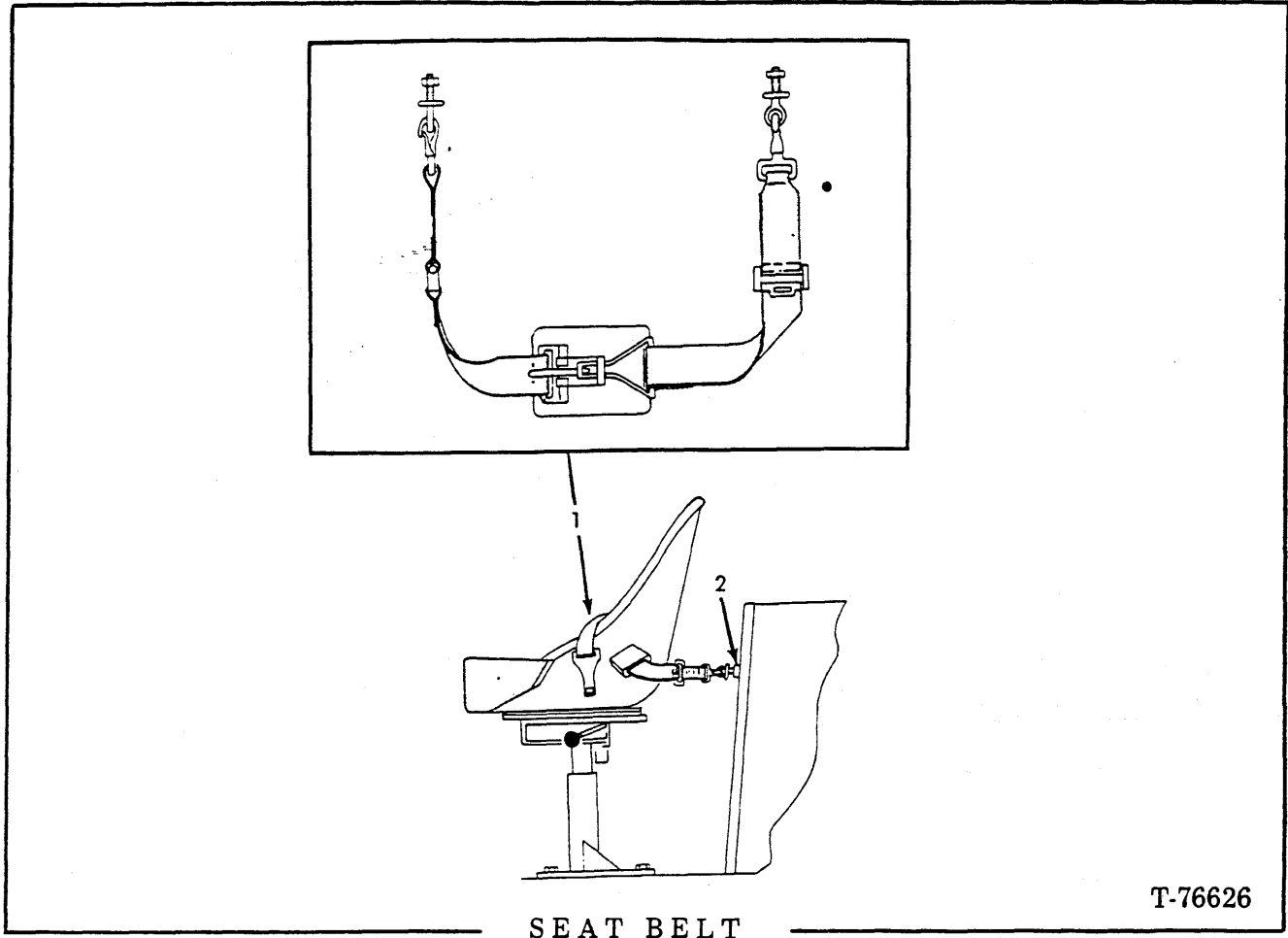
ITEM	PART NO.	QTY.	DESCRIPTION
-	-----	1	SOUND SUPPRESSION GROUP (See Machinery Manual) (Includes items 1 thru 24)
1	73063052	1	HEADLINER, front
2	73063053	1	HEADLINER, rear
3	{ 73063197	1	CLOSURE PANEL LINER, left
	73063198	1	CLOSURE PANEL LINER, right
4	{ 73063139	1	CLOSURE PANEL LINER, left
	73063140	1	CLOSURE PANEL LINER, right
5	{ 73063137	1	COWL LINER, left
	73063138	1	COWL LINER, right
6	{ 73063882	1	CONSOLE LINER ASSY. (Standard)
	73063883	1	CONSOLE LINER ASSY. (Single lever) } (Also order stickers - See page 261)
7	73063072	1	FLOORMAT
8	73063343	1	PARKING BRAKE MAT
9	73063375	1	BARRIER, kick-out line
10	73063881	1	BONNET LINER ASSY. (Also order stickers)(See page 261)
11	73063170	1	BARRIER, clutch cut-off
12	73063169	2	BARRIER, seat belt
	70931398	2	PLUG (for machines without seat belts)
13	73063168	1	BARRIER, control valve
14	73063171	1	BARRIER, sight gauge
15	73063132	1	BARRIER, air inlet
16	73063131	1	TUBE, weld assy. (does not include CAP)
17	73063185	4	ANGLE
18	{ 70922028	9	SCREW, 1/4" NC x 1-3/4"
	70917451	52	SCREW, 1/4" NC x 1"
19	70911114	61	WASHER, 1/4"
20	73063605	61	WASHER, rubber
21	73063513	61	TENSION NUT
22	{ 73063489	13	FASTENER, 1/2" x 1-3/4"
	73063488	45	FASTENER, 1/2" x 3/4"
	70687557	3	FASTENER, 1/2" x 3/4" (used on top of console)
23	73067022	1	PLATE, decal mounting
24	73070500	1	DECAL, starting instructions



SEAT AND MOUNTING

T-73132

ITEM	PART NO.	QTY.	DESCRIPTION
1	73068244	1	SEAT ASSY. (includes items 2 thru 8)
2	73100879	1	BACKREST ASSY.
	70921311	5	CAPSCREW, 5/16" NC x 5/8" (includes washer)
3	73100880	1	CUSHION
	70921311	2	CAPSCREW, 5/16" NC x 5/8" (includes washer)
4	-----	1	SHELL ASSY. (order item 1)
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" NC
	70921566	2	CAPSCREW, 5/16" NC x 1" (for replacement of stud)
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	SPRING
8	73068320	1	POUCH
	70912307	2	SCREW, no. 8 x 1/2"
	70923212	2	WASHER, no. 10
9	73109131	1	DECAL, operator manual
10	73058049	1	PEDESTAL ASSY.
	70916311	3	CAPSCREW, 1/2" NC x 1-1/4"
	70915987	1	CAPSCREW, 1/2" NC x 1-1/2"
	70912441	4	LOCKWASHER, 1/2"
	70910325	1	NUT, 1/2" NC
11	73108440	1	CHAIN ASSY. (secures O.M. to item 8)(not illustrated)

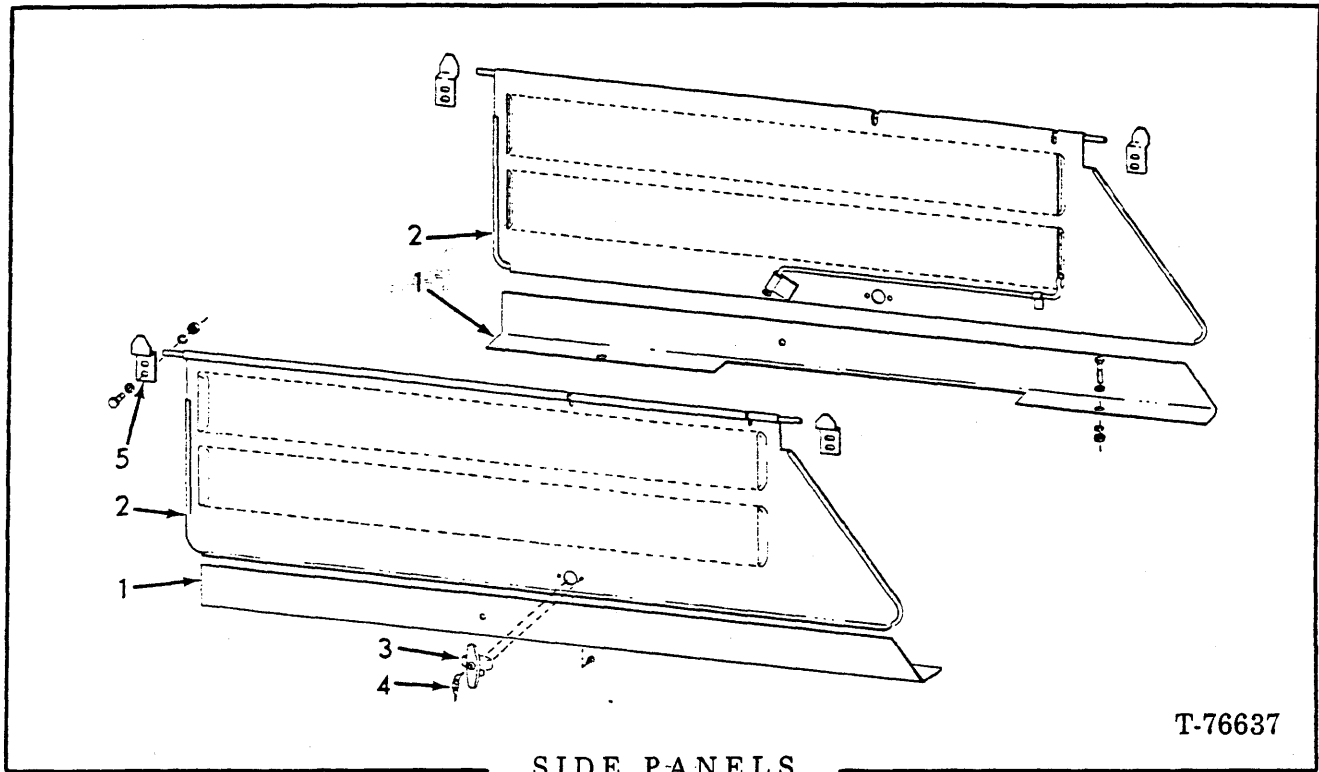


T-76626

SEAT BELT

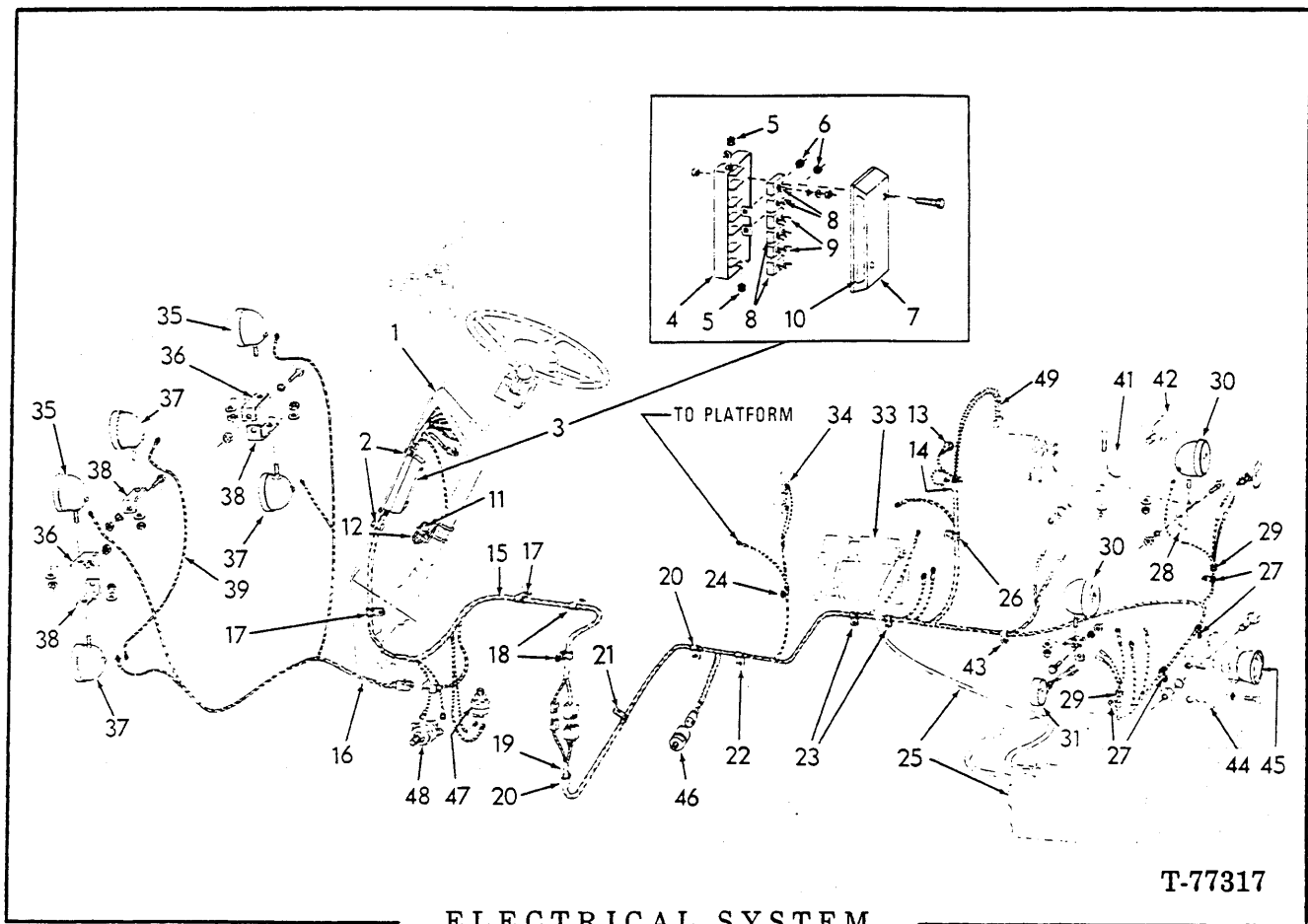
NOTE: Use of seat belts on roll over protection structure (ROPS) equipped vehicles is recommended. FASTEN SEAT BELTS SECURELY.

ITEM	PART NO.	QTY.	DESCRIPTION
1	70680080	1	BELT ASSY. (Includes 2 eyebolts, 2 nuts and 2 lockwashers)
2	73057770	2	SPACER



USAGE: Special Equipment — Vandalism Protection

ITEM	PART NO.	QTY.	DESCRIPTION
1	73057640	2	BRACKET
	70923683	4	CAPSCREW, self-tapping, 3/8" x 3/4"
2	73057638	1	PANEL (left)
	73057639	1	PANEL (right)
3	73058383	2	HANDLE ASSY. (Includes item 4)
4	73058910	2	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



ELECTRICAL SYSTEM

T-77317

ITEM	PART NO.	QTY.	DESCRIPTION
1	-----	1	PANEL, instrument (See page 241)
2	70928623	2	CLIP, harness, support
	70922763	2	CAPSCREW, 3/8" NC x 1"
	70677006	2	WASHER.
	70911026	2	NUT, 3/8" NC
3	73057977	1	BOX ASSY., 24 volt (Includes items 4 thru 9)
	70927401	2	CAPSCREW, 1/4" NC x 1"
	70911024	2	NUT, 1/4" NC
4	-----	1	BODY (Order item 3)
5	73058528	2	GROMMET
6	73058527	2	GROMMET
7	73058651	1	COVER
	70929117	2	SCREW, No. 10 self-tapping
	70917365	2	LOCKWASHER, No. 10
8	73058531	4	BREAKER
	70916880	8	NUT, No. 10
	70922711	8	LOCKWASHER, No. 10 ext. tooth
	70924237	8	WASHER, plain, No. 10
9	73058529	2	BREAKER
	70916880	4	NUT, No. 10
	70922711	4	LOCKWASHER, No. 10
	70924237	4	WASHER, plain, No. 10

(Continued)

ELECTRICAL SYSTEM (Continued)

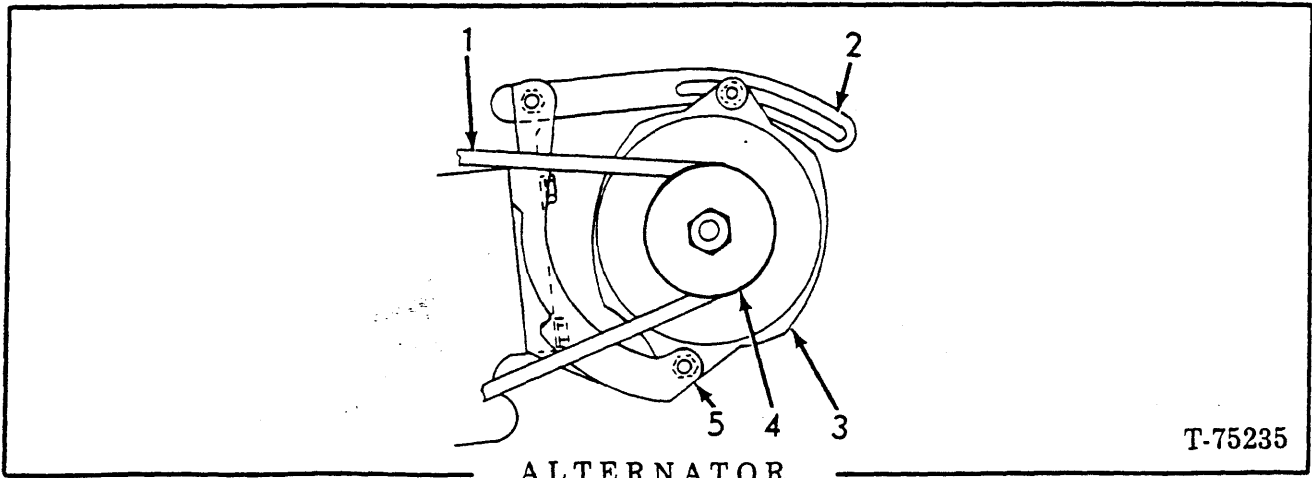
ITEM	PART NO.	QTY.	DESCRIPTION
10	73057767	1	DECAL
11	73061193	1	BOOT
12	73057506	1	SWITCH, safety (Includes mounting nuts and washer)
13	73064865	1	BOOT, foam
14	70925613	1	CLAMP
	70922925	1	CAPSCREW, 5/16" NC x 3/4" } at ground
	70677005	1	WASHER. } terminal
15	73071721	1	HARNESS
16	73057622	1	HARNESS
	70912765	2	GROMMET
	70925094	12	TIE
17	70925620	2	CLAMP
	70922300	2	CAPSCREW, 3/8" NC x 3/4"
	70677006	2	WASHER
18	70926049	2	CLAMP
	70922300	2	CAPSCREW, 3/8" NC x 3/4"
	70677006	2	WASHER
19	73068678	1	HARNESS (See page 233 for high output alternator HARNESS)
20	70926049	2	CLAMP
	70927400	2	CAPSCREW, 3/8" NC x 5/8"
	70677006	2	WASHER
21	70926049	1	CLAMP
	70922763	1	CAPSCREW, 3/8" NC x 1"
	70677006	1	WASHER
	70911026	1	NUT, 3/8" NC
22	70926049	1	CLAMP
	70927400	1	CAPSCREW, 3/8" NC x 5/8"
	70677006	1	WASHER
23	70926049	2	CLAMP
24	70926917	1	CLAMP
25	-----	-	CABLE (See page 239)
26	70925613	1	CLAMP
27	70926917	4	CLAMP
	70927400	4	CAPSCREW, 3/8" NC x 5/8"
	70677006	4	WASHER
28	73058587	2	BRACKET
	70920583	2	CAPSCREW, 1/2" NC x 1-1/2"
	70677008	2	WASHER
	70911028	2	NUT, 1/2" NC
29	-----	-	CHANNEL, rubber, 8" (Refer to item 50)
30	70621429	2	LIGHT ASSY. (See page 235)
	70677008	2	WASHER
	70910195	2	NUT, 1/2" NF
31	-----	2	LIGHT ASSY., stop (See page 237)
32	-----	-	ALTERNATOR (See page 232)
33	-----	-	STARTER (See page 236)
34	73057441	1	RESISTOR (Not used with high output alternator)
	70927401	1	CAPSCREW, 1/4" NC x 1"
	70911024	1	NUT, 1/4" NC

(Continued)

ELECTRICAL SYSTEM (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
35	73044810	2	LIGHT ASSY. (See page 235)
	73044067	2	BOSS
	70912441	2	LOCKWASHER
	70910195	2	NUT, 1/2"NF
36	73052615	2	BRACKET
	70920583	2	CAPSCREW, 1/2"NC x 1-1/2"
	70677008	2	WASHER
	70911028	2	NUT, 1/2"NC
37	70621429	3	LIGHT ASSY. (See page 235)(Special equipment)
	73044067	2	BOSS
	70912441	2	LOCKWASHER
	70910195	3	NUT, 1/2"NF
38	73052615	3	BRACKET (Special equipment)
	70920583	1	CAPSCREW, 1/2"NC x 1-1/2"
	70911028	1	NUT, 1/2"NC
39	73104283	1	WIRE ASSY. (Special equipment)
	70912765	1	GROMMET
40	70917376	1	NUT, No. 12
	70921880	1	LOCKWASHER, No. 12 } At battery terminal
41	73063772	1	BRACKET
	70921174	1	CAPSCREW, 5/8"NC x 2-1/2"
	70677010	1	WASHER
	70911029	1	NUT, 5/8"NC
42	70699126	1	METER, hour
43	74254646	1	CLIP
	70927484	1	CAPSCREW, 3/8"NC x 1/2"
	70677006	1	WASHER
44	73067225	1	PLATE ASSY. (Includes Nutsert indented below)
	73054504	3	NUTSERT
	70920583	2	CAPSCREW, 1/2"NC x 1-1/2"
	70677008	2	WASHER
	70911028	2	NUT, 1/2"NC
	70925425	1	GROMMET, wire harness
45	70699053	1	HORN
	70921382	3	CAPSCREW, 1/4"NC x 1-1/4"
	70677004	3	WASHER
46	73066429	1	SWITCH, back-up alarm
47	73075841	1	SWITCH, low air pressure
48	73031667	1	SWITCH, stop light
49	73070908	1	DIODE (Use with std. 40 amp. alternator only)
	73117124	1	CAPACITOR
	70925606	1	CLAMP
	73052008	1	TERMINAL
50	73048123	-	CHANNEL (25' length - use as required)

(Revised October 1980)



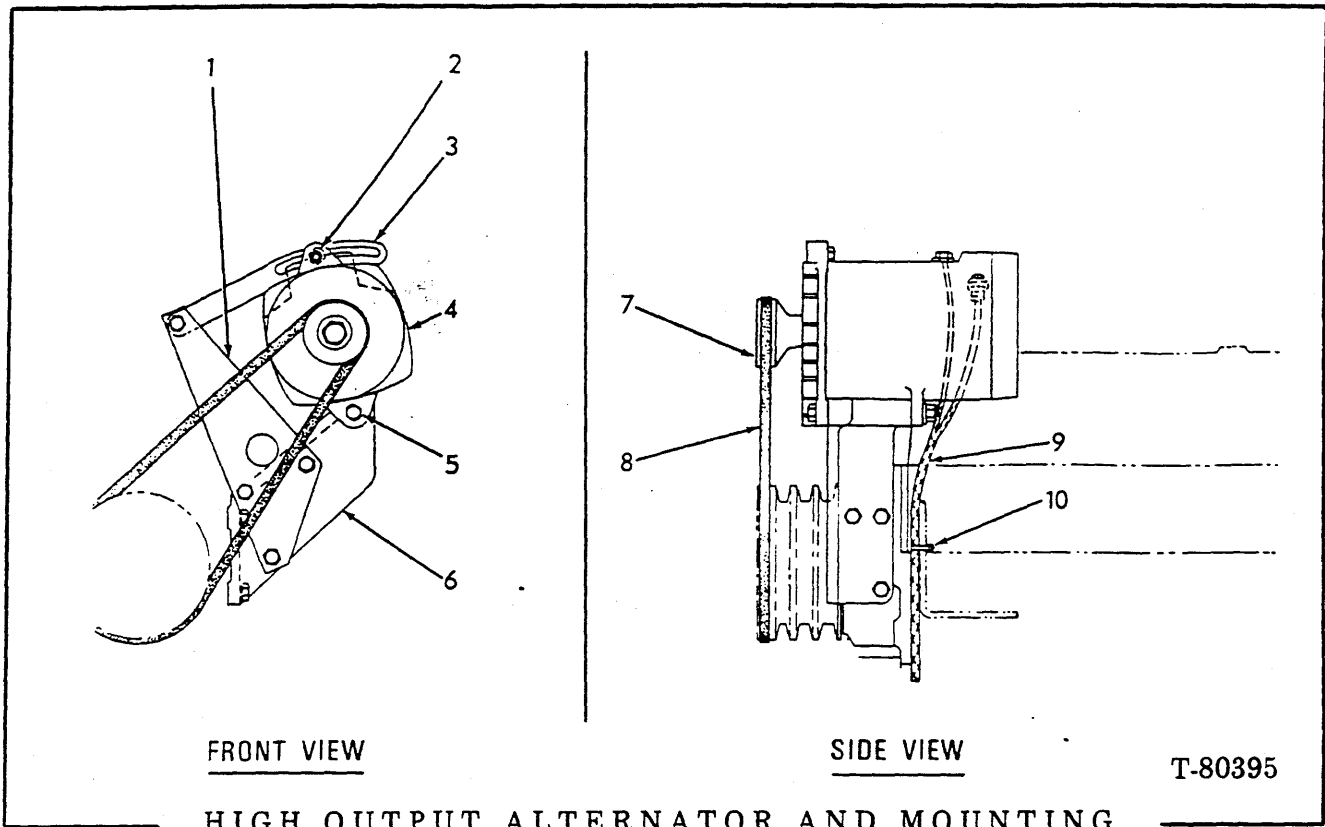
T-75235

ALTERNATOR

USAGE: See page 229.

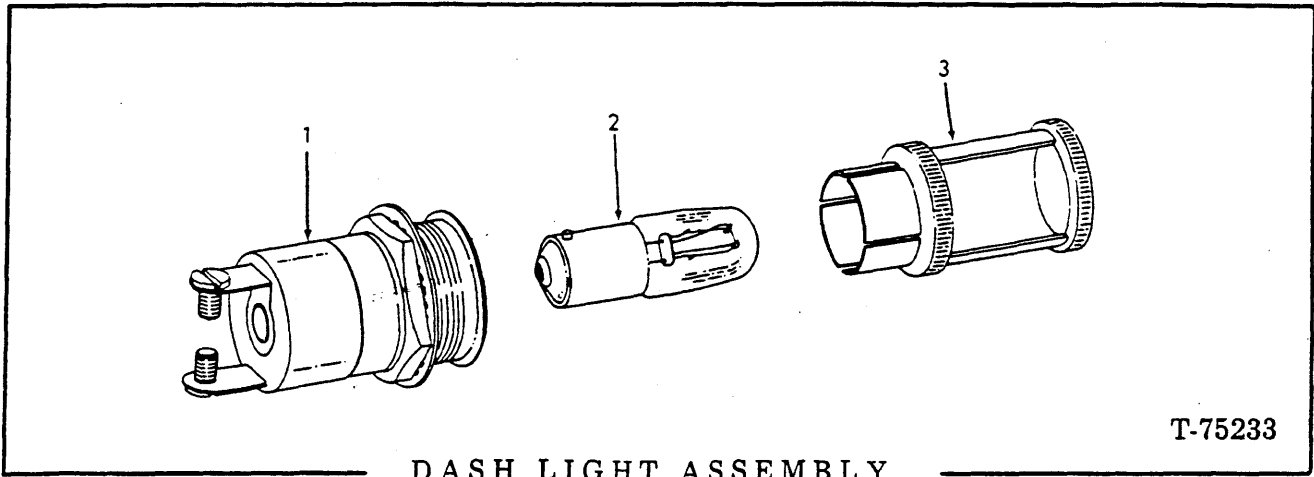
ITEM	PART NO.	QTY.	DESCRIPTION
1	73059309	1	BELT
2	74023007	1	BRACKET
	70921076	1	CAPSCREW, 3/8" NC x 1-1/4"
	70677006	1	WASHER
3	73068554	1	ALTERNATOR (24 volt, 40 amp.)(Includes integral voltage regulator)(See your Fiat-Allis dealer for service parts)
	70921422	1	CAPSCREW, 5/16" NC x 1-1/4"
	70927454	1	LOCKWASHER, 5/16"
	70924843	1	CAPSCREW, 3/8" NC x 3-1/2"
	70677006	1	WASHER
4	74388568	1	PULLEY
5	73059195	1	BRACKET
	70920583	3	CAPSCREW, 1/2" NC x 1-1/2"
	70677008	3	WASHER
6	70925613	1	CLAMP, harness
	70922925	1	CAPSCREW, 5/16" NC x 3/4"
	70677005	1	WASHER
7	73064865	1	BOOT

On rear of alternator—
Not Illustrated



USAGE: Special Equipment

ITEM	PART NO.	QTY.	DESCRIPTION
1	74320780	1	BRACKET
	70920582	3	CAPSCREW, 1/2" NC x 1-1/4"
	70677008	3	WASHER
2	70920582	1	CAPSCREW, 1/2" NC x 1-1/4"
	70677008	1	WASHER
3	74320782	1	BRACE
	70920585	1	CAPSCREW, 1/2" NC x 1-3/4"
	70677008	2	WASHER
	70933037	1	NUT, 1/2" NC
4	70699268	1	ALTERNATOR (50 amp.)
5	70927324	1	CAPSCREW, 1/2" NC x 6-1/2"
	70677008	2	WASHER
	70933037	1	NUT, 1/2" NC
6	74320779	1	BRACKET
7	74320781	1	PULLEY
8	74516432	1	BELT
9	73068679	1	HARNESS (Does not use item 34 RESISTOR page 230)
10	70925094	1	TIE

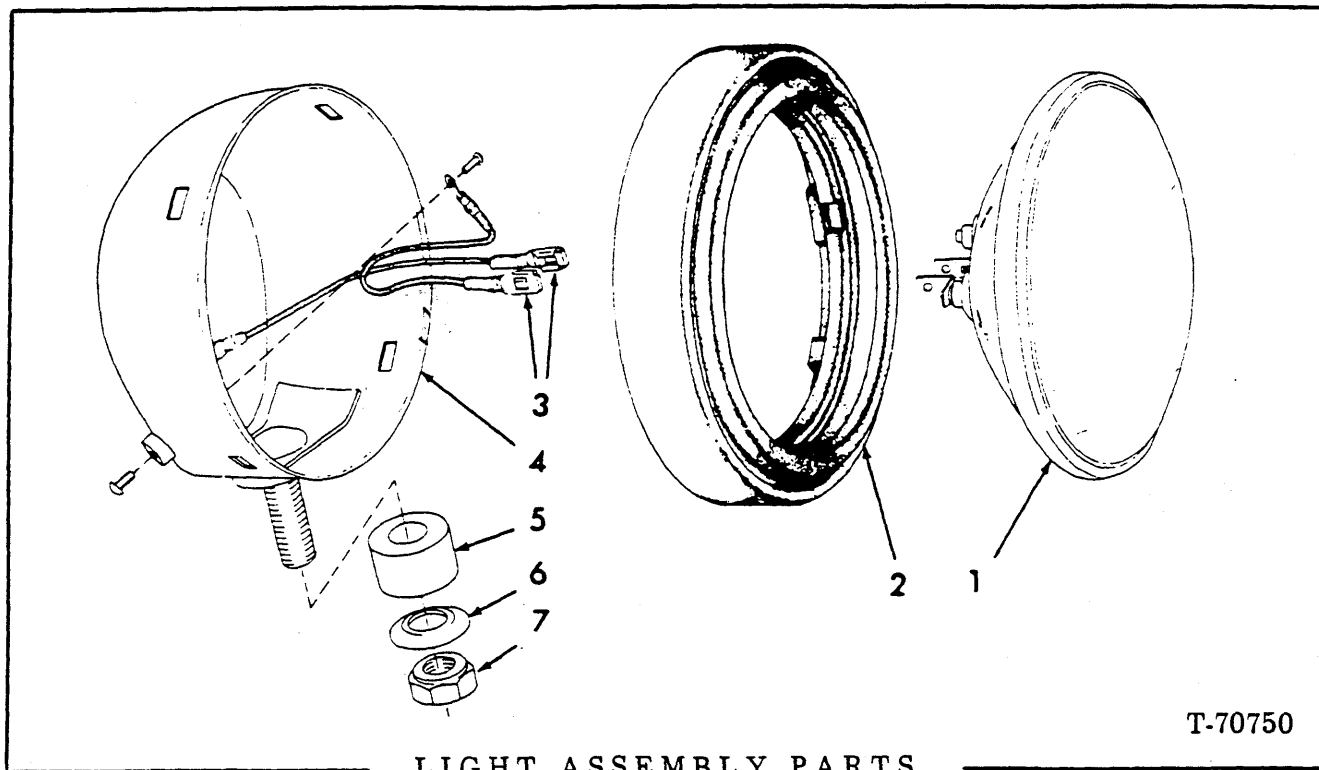


DASH LIGHT ASSEMBLY

USAGE: See page 243.

NOTE: Quantity shown is for one LIGHT ASSY.

ITEM	PART NO.	QTY.	DESCRIPTION
-	73021334	1	LIGHT ASSY. (Includes items 1 thru 3)
1	-----	1	BASE ASSY. (Order LIGHT ASSY.)
2	73040937	1	BULB, 24 volt
3	73037183	1	SHIELD

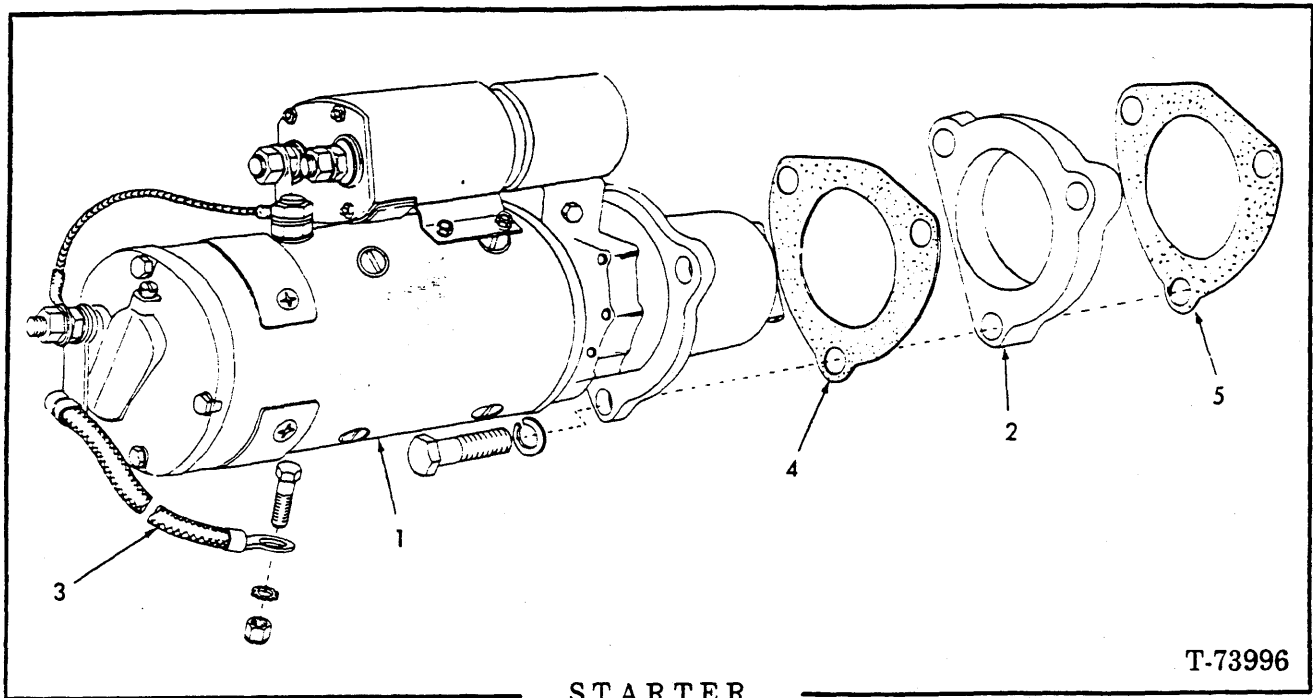


T-70750

LIGHT ASSEMBLY PARTS

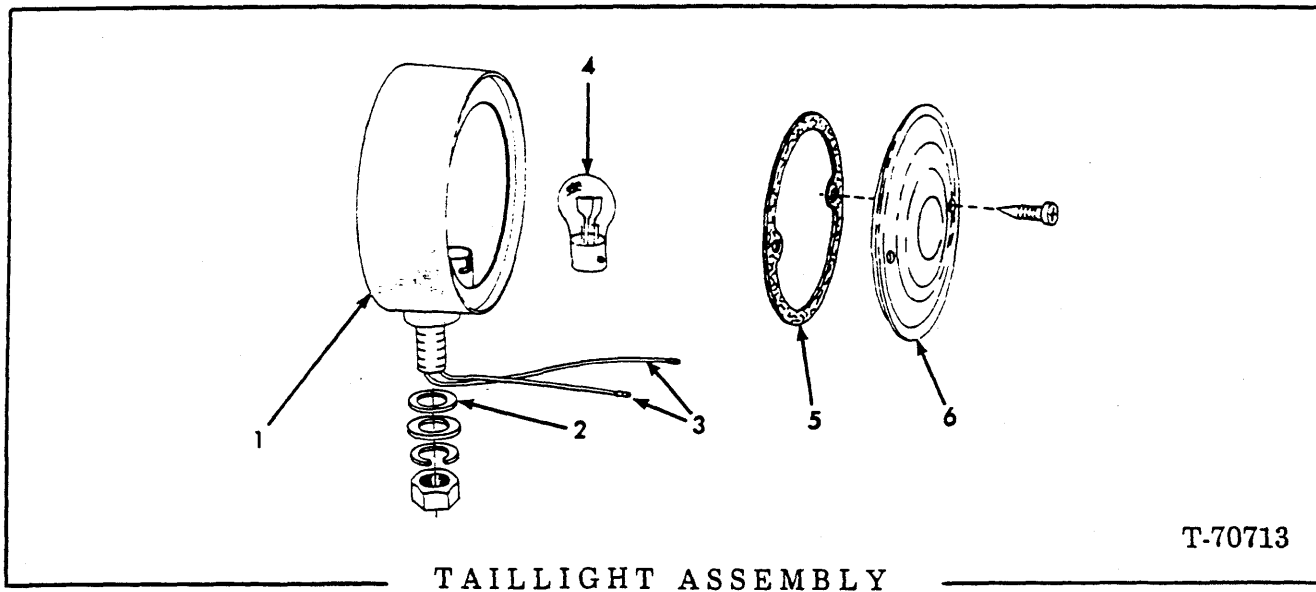
NOTE: Quantity shown is for one LIGHT ASSY. See page 229.

ITEM	PART NO.	QUANTITY	DESCRIPTION
-	{ 70621429	1 - -	LIGHT ASSY., flood
	{ 73044810	- 1 -	LIGHT ASSY., head
	{ 73059873	- - 1	LIGHT ASSY., (Special equipment - ROPS CAB and CANOPY)
1	{ 70182763	1 - -	SEALED BEAM (24 volt)
	{ 73046497	- 1 -	SEALED BEAM (24 volt)
	{ 73061207	- - 1	SEALED BEAM (24 volt)
2	{ 70621428	1 1 -	RETAINER (rubber)
	{ 70621821	- - 1	RETAINER (rubber)
3	70621724	2 2 -	CABLE (Includes terminals)
	70912731	1 1 -	SCREW, machine, No. 8 NC x 5/16"
	70912739	1 - -	LOCKWASHER, No. 8
4	{	1 1 -	BODY ASSY. (Not serviced separately)
	{ 73061208	- - 1	SHELL ASSY.
	{ 70912731	1 1 -	SCREW, No. 8 NC x 5/16"
	{ 70912739	1 - -	LOCKWASHER, No. 8
5	71006992	- - 1	BUSHING
6	73061210	- - 1	WASHER
7	70919440	- - 1	LOCKNUT, 1/2" NF



NOTE: See page 229.

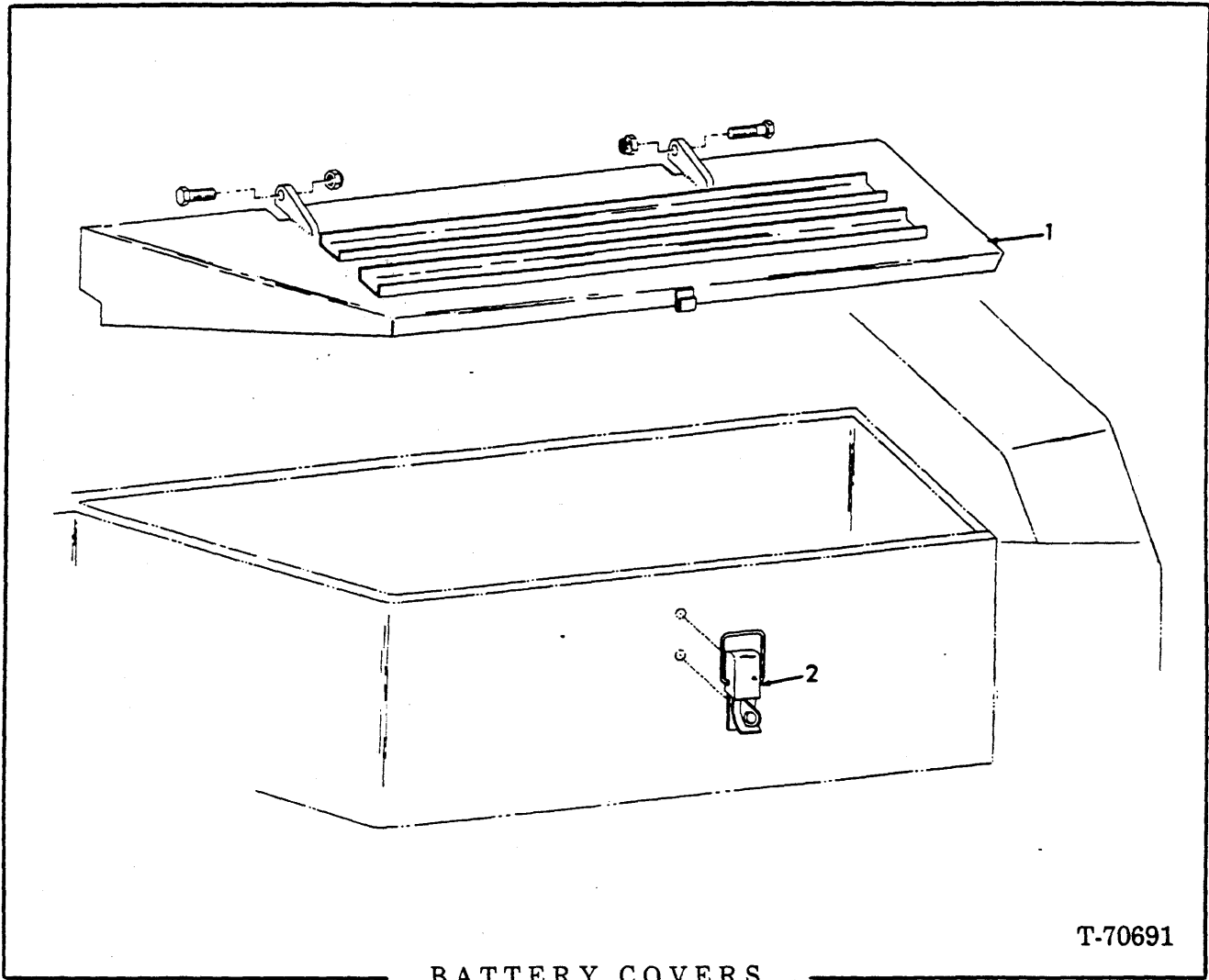
ITEM	PART NO.	QTY	DESCRIPTION
x 1	-----	1	MOTOR (See your Fiat-Allis dealer for service parts)(Order 73130625)
	70921174	3	CAPSCREW, 5/8" NC x 2-1/2"
	70677010	3	WASHER
2	70621278	1	ADAPTER
3	73035268	1	CABLE
	70922726	1	CAPSCREW, 1/2" NF x 1-1/2"
	70920428	1	LOCKWASHER, 1/2"
	70914487	1	LOCKNUT, 1/2" NF
4	73039072	1	GASKET
5	73039071	1	GASKET



T-70713

TAILLIGHT ASSEMBLY

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

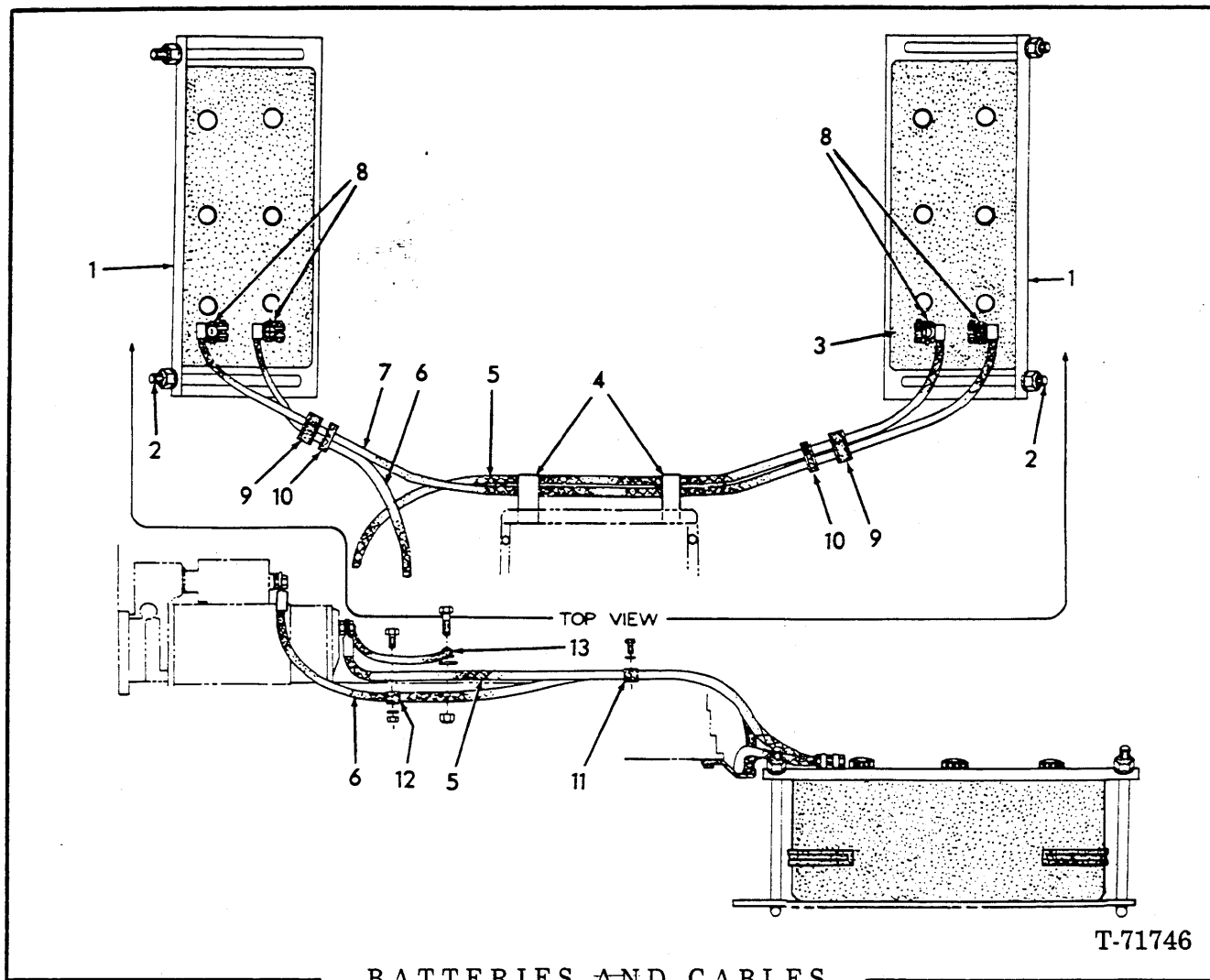


T-70691

BATTERY COVERS

ITEM	PART NO.	QTY.	DESCRIPTION
1	73061404	1	COVER, left
	73061405	1	COVER, right
	70921565	4	CAPSCREW, 3/8" NC x 1-1/2"
	70922694	4	NUT, 3/8" NC
2	73043841	2	LATCH
	70930416	4	SCREW, tapping, 10-32 x 3/8"
3	73107882	2	DECAL, battery vapors
4	70930998	2	PADLOCK (Special Equipment - includes
			KEY below)
	70931742	2	KEY

} Not Illustrated



BATTERIES AND CABLES

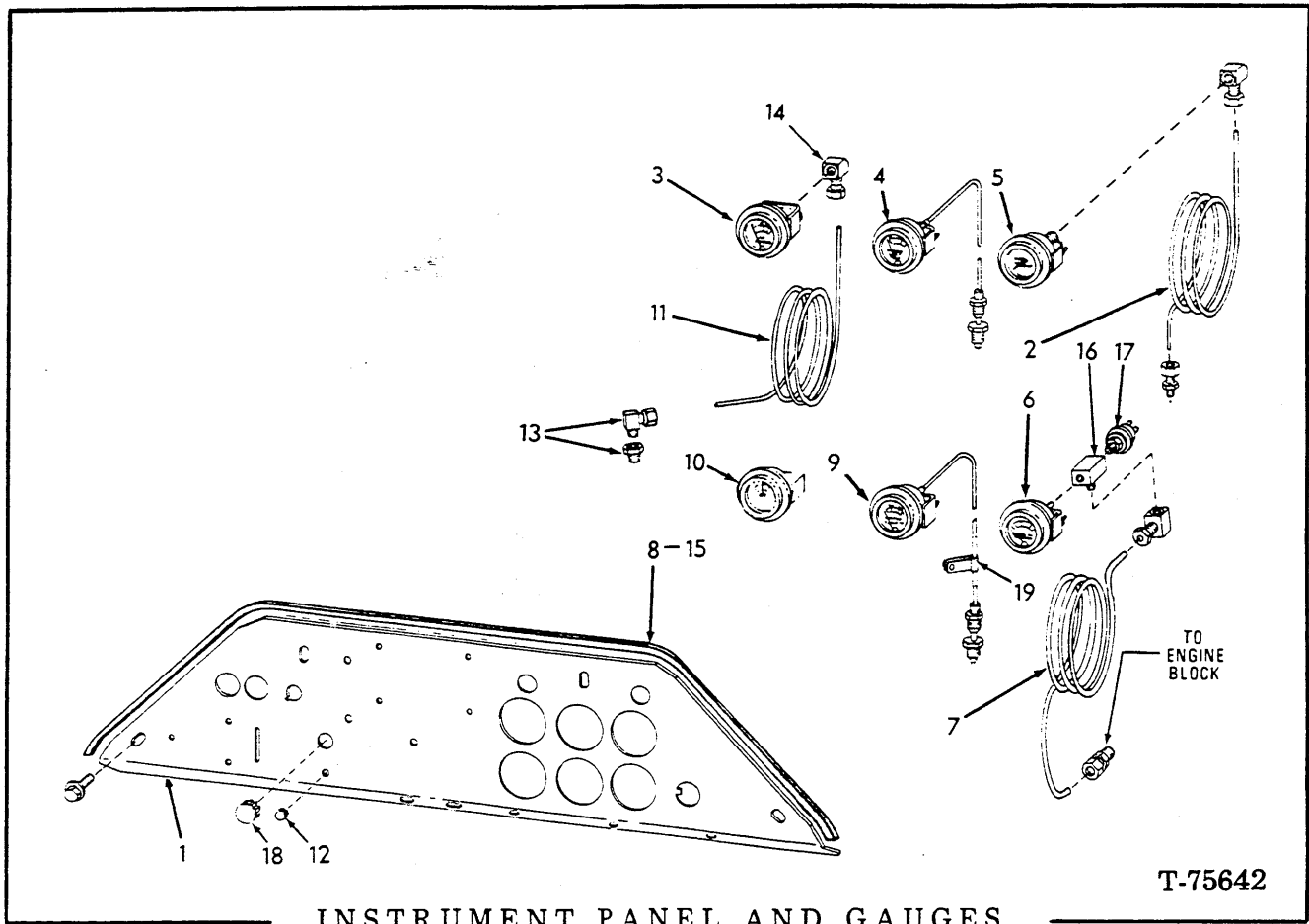
ITEM	PART NO.	QTY.	DESCRIPTION
1	73061395	2	BAR
2	73061398	4	ROD
	70911115	4	WASHER, plain, 3/8"
	70922694	4	NUT, 3/8" NC
	73048112	4	NUT (bottom of rod)
3	70695471	2	BATTERY, dry (requires 14.0 qts. of item 14)
4	73024383	2	CLAMP
	70922300	2	CAPSCREW, 3/8" NC x 3/4"
	70677006	2	WASHER
5	73059270	1	CABLE (Starter to battery ground)
6	73043418	1	CABLE (Includes terminal cover)
7	73062325	1	CABLE, 67" long
8	73008046	4	WASHER, felt
9	.....	2	STRIP, 8" each side (Refer to item 16)
10	.....	2	CHANNEL, 8" each side (Refer to item 17)

(Continued)

BATTERIES AND CABLES (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
11	74254646	1	CLIP
	70927400	1	CAPSCREW, 3/8" NC x 5/8"
	70677006	1	WASHER
12	74254646	1	CLIP
	70921076	1	CAPSCREW, 3/8" NC x 1-1/4"
	70677006	1	WASHER, plain, 3/8"
	70911026	1	NUT, 3/8" NC
13	73035268	1	CABLE (Starter ground)
	70922726	1	CAPSCREW, 1/2" NF x 1-1/2"
	70920428	1	LOCKWASHER, 1/2"
	70914487	1	LOCKNUT, 1/2" NF
14	70243526	-	ELECTROLYTE, 6.1 qts. ("Z" pack)
	70243527	-	ELECTROLYTE, 5.0 gal. ("F" pack)
15	70243528	1	HOSE (Use with 5 gal. pack)
16	73051332	-	STRIP (10' length - use as required)
17	73047354	-	CHANNEL (25' length - use as required)

(Revised October 1980)



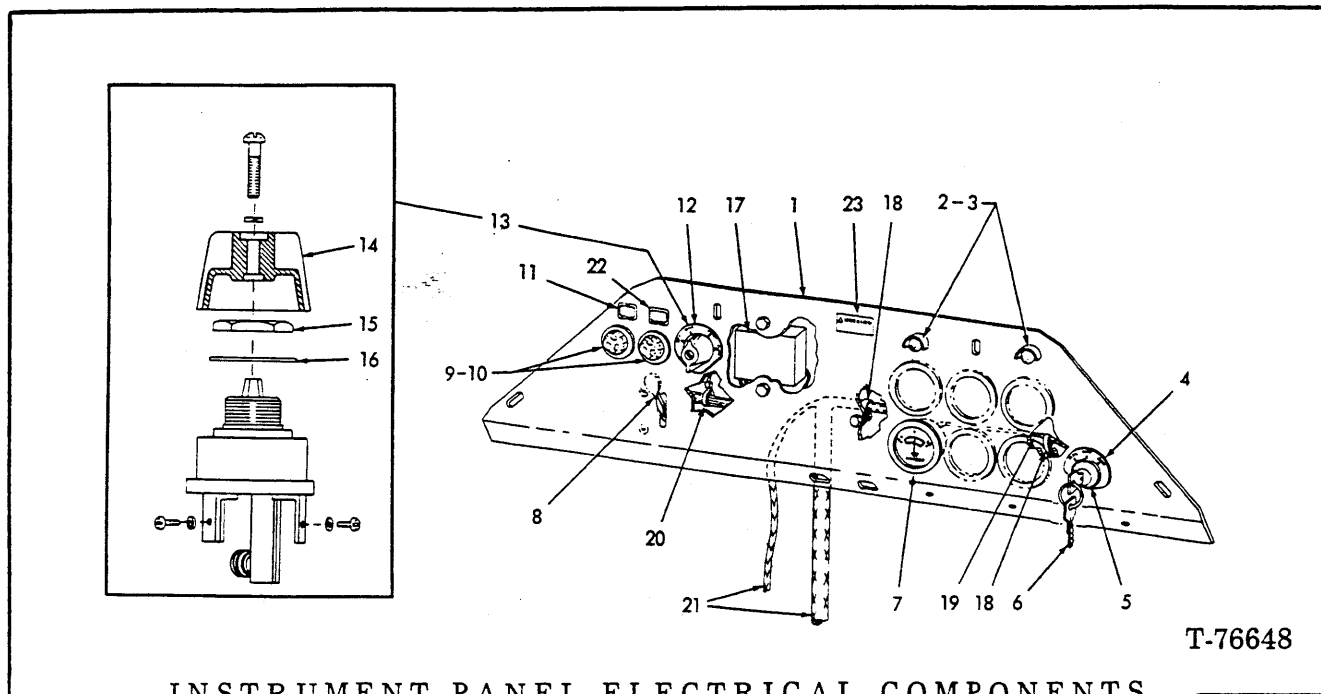
INSTRUMENT PANEL AND GAUGES

ITEM	PART NO.	QTY.	DESCRIPTION
1	73067265	1	PANEL
	70923683	4	CAPSCREW, 3/8" NC x 3/4"
2	73048712	1	TUBE
	70925093	1	ELBOW, compression, 3/16" tube, 3/8" str. thd. female (gauge end)(Includes 1 Sleeve 70927257)
	70925161	1	CONNECTOR, compression, 3/16" tube, 3/8" str. thd male (tank end)
3	70697266	1	GAUGE ASSY., air pressure
4	73070818	1	GAUGE ASSY., converter temperature (Includes adapter)
5	73064083	1	GAUGE ASSY., transmission pressure
6	70691745	1	GAUGE ASSY., engine oil pressure
7	73067681	1	TUBE (100' length - use as required)
	70928800	1	ELBOW, compression, 1/4" tube, 7/16" str. thd. female (gauge end)
	70928799	1	CONNECTOR, compression, 1/4" tube, 7/16" str. thd. male (engine end)
8	-----	1	TRIM, 41" (Refer to item 15)
9	73064057	1	GAUGE ASSY., water temperature
10	-----	-	AMMETER (See page 243)

(Continued)

INSTRUMENT PANEL AND GAUGES (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
11	73059078	1	TUBE
12	70926908	1	PLUG
13	70901834	1	BUSHING, 1/4" to 1/8" NPT
	70928474	1	ELBOW ASSY., compression type, 3/16" tube, 1/8" NPT male (Includes sleeve and nut)
14	70925093	1	ELBOW, compression, 3/16" tube, 3/8" NPT female (Includes 1 Sleeve 70927257)
15	73050105	-	TRIM, plastic (25' length — use as required)
16	70920992	1	TEE, 1/8" pipe
17	73066487	1	SWITCH, hour meter
18	70921113	1	PLUG
19	73024932	1	CLIP
	70920583	1	CAPSCREW, 1/2" NC x 1-1/2"
	70677008	2	WASHER
	70911028	1	NUT, 1/2" NC



T-76648

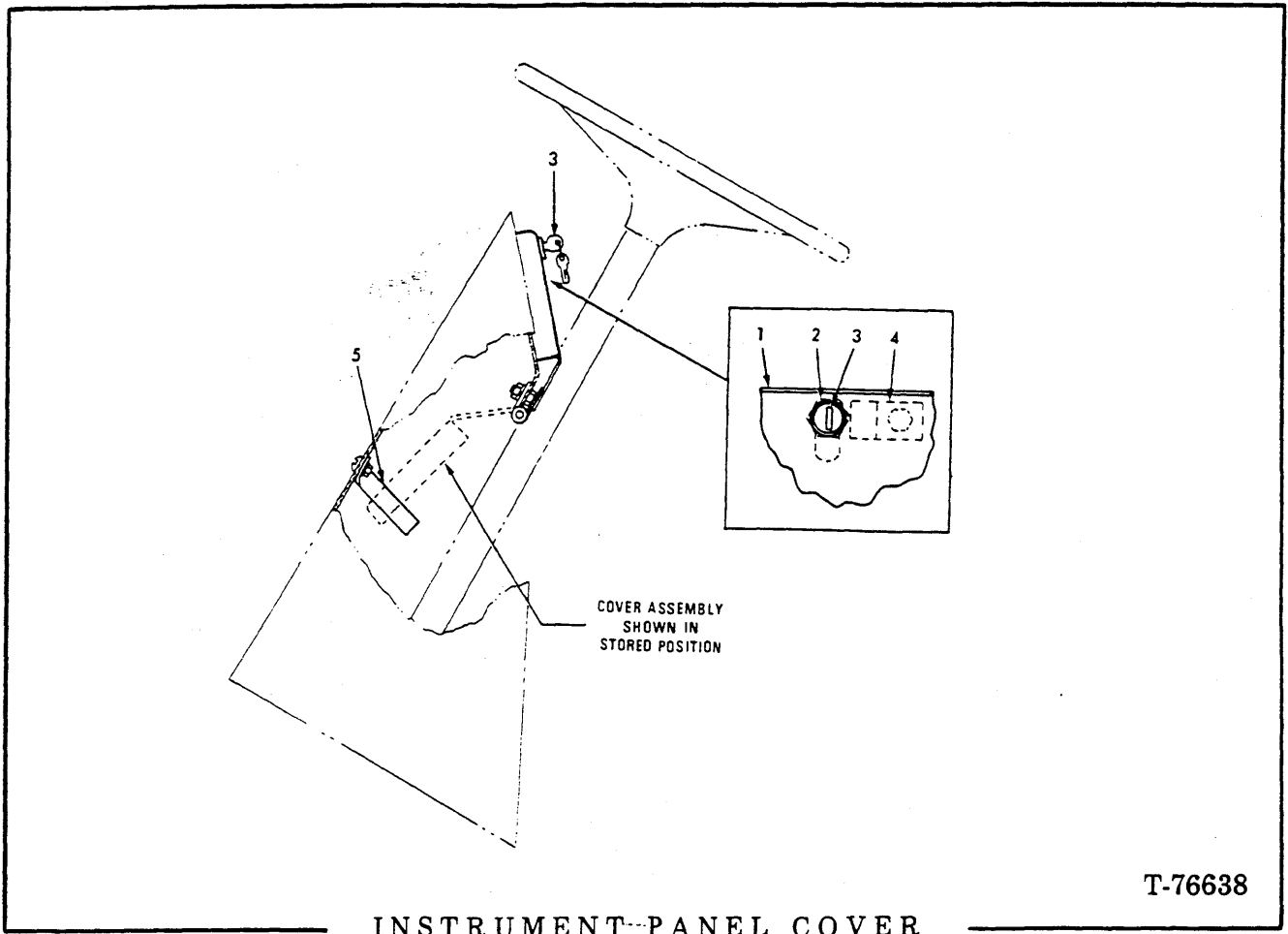
INSTRUMENT PANEL ELECTRICAL COMPONENTS

ITEM	PART NO.	QTY.	DESCRIPTION
1	-----	1	PANEL (See page 241)
2	-----	2	LIGHT ASSY., dash (Includes item 3)(See page 234)
3	-----	2	BULB, 24 volt (See page 234)
4	73067618	1	PLATE
5	73058073	1	SWITCH (Includes item 6)
	70917365	3	LOCKWASHER, No. 10
	70917415	3	NUT, No. 10 NF
6	70231713	2	KEY
7	73064081	1	AMMETER ASSY.
8	-----	1	VALVE ASSY. (See page 139)
9	73034558	2	LIGHT ASSY. (Does not include item 10)
10	73034566	2	BULB
11	73066551	1	DECAL, low air pressure
12	73057505	1	PLATE
13	73057960	1	SWITCH, light (Includes items 14, 15 and 16 and items identified below)
	70917393	5	SCREW, No. 8 NC x 3/8"
	70917395	5	LOCKWASHER, No. 8
14	73058917	1	KNOB
	70928595	1	SCREW, No. 8 NC x 5/8"
15	73058919	1	NUT, 11/16" NC
16	70922088	1	WASHER, 11/16"
17	73067263	1	BUZZER
	70923341	2	CAPSCREW, 1/4" NC x 3/4"
	70916964	2	LOCKWASHER, 1/4"
	70911114	2	WASHER, plain, 1/4"
	70916622	2	NUT, 1/4" NC

(Continued)

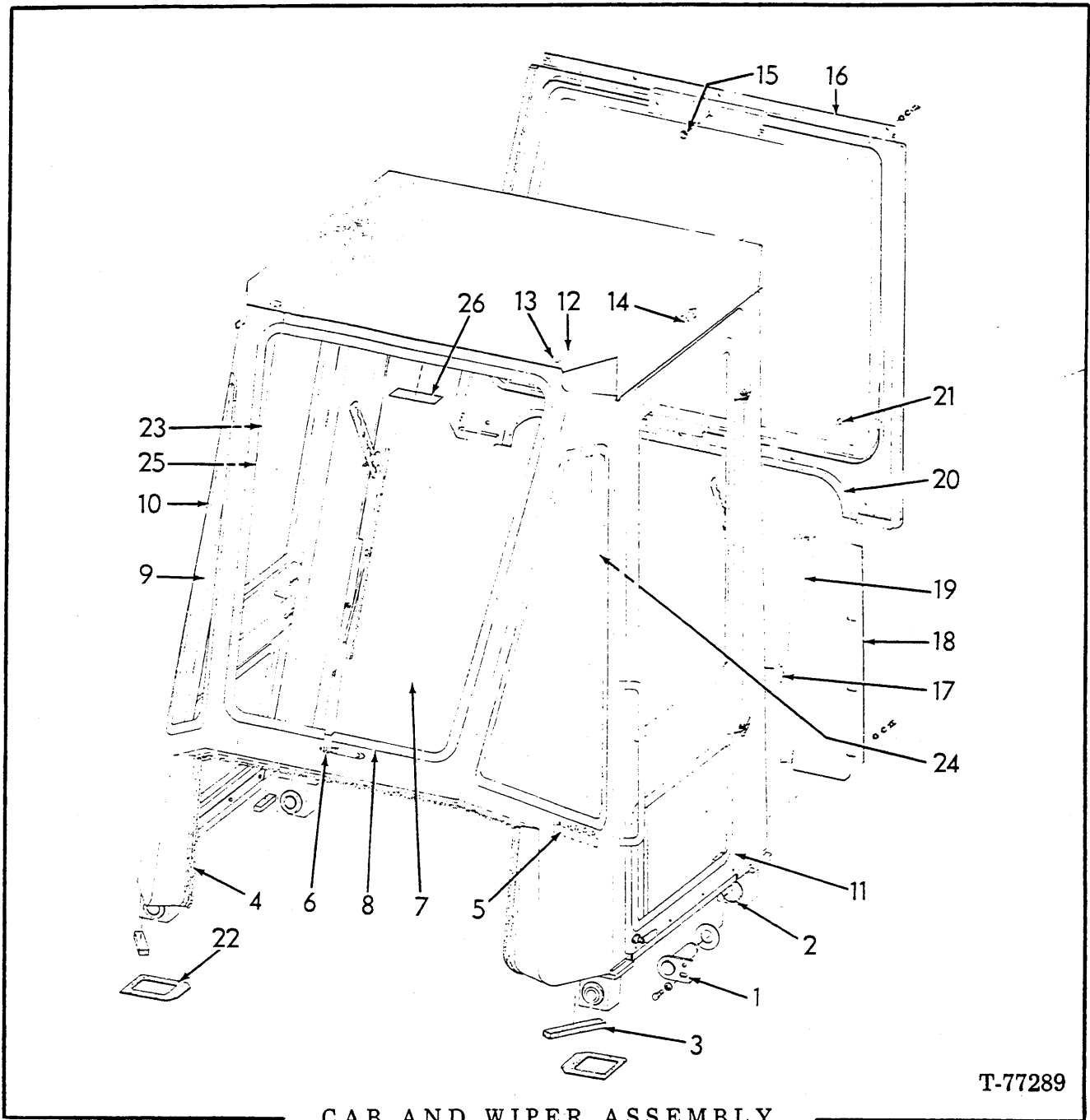
INSTRUMENT PANEL ELECTRICAL COMPONENTS (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
18	73058052	2	CLIP
	70925369	2	SCREW, No. 10 NF x 5/8"
	70917415	2	NUT, No. 10 NF
	70917365	2	LOCKWASHER, No. 10
19	73057436	1	WIRE ASSY., switch to ammeter
20	70925094	1	CLIP
21	-----	1	HARNESS (See page 230 item 15)
22	73067270	1	DECAL, brake fluid
23	73107895	1	DECAL, operator warning



USAGE: Special Equipment — Vandalism Protection

ITEM	PART NO.	QTY.	DESCRIPTION
1	73057512	1	COVER ASSY. (Serviced only as a unit)
	70916284	3	CAPSCREW, 1/4" NC x 1/2"
	70910880	3	NUT, 1/4" NC
	70904204	3	LOCKWASHER, 1/4"
	73058015	1	LOCK ASSY. (Includes item 3)
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, No. 10 NC x 3/8"
	70901310	2	NUT, No. 10 NC
	70904203	2	LOCKWASHER, No. 10



CAB AND WIPER ASSEMBLY

T-77289

ITEM	PART NO.	QTY.	DESCRIPTION
1	73059455	4	PIN
	70912299	4	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
3	-----	-	STRIP, 62" (refer to item 30)
4	-----	1	CHANNEL (refer to item 29)

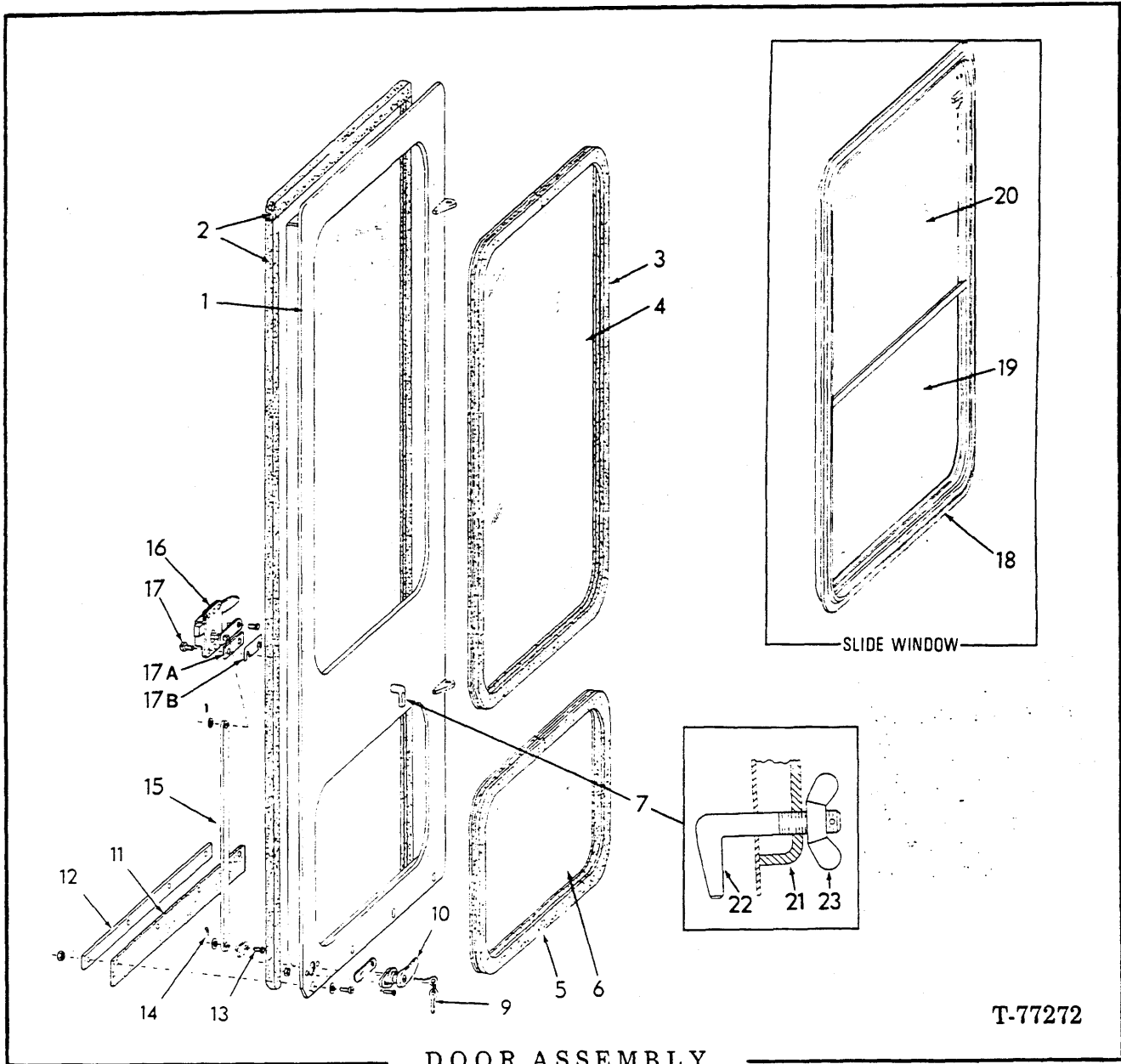
(Continued)

CAB AND WIPER ASSEMBLY (Continued)
(ROPS CAB)

ITEM	PART NO.	QTY.	DESCRIPTION
5	-----	1	PANEL ASSY. (See page 250)
6	-----	1	WIPER GROUP (See page 254)
7	-----	1	GLASS (Part No. 73059610)(See NOTE below)
8	-----	1	CHANNEL, 130" (refer to item 31)
9	-----	2	GLASS (Part No. 73059611)(See NOTE below)
10	-----	2	CHANNEL, 100" (refer to item 31)
11	-----	2	DOOR ASSY. (See page 248)
	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	PANEL ASSY., rear (See page 257)
	70927541	5	CAPSCREW, 1/4" NC x 3/4"
	70677004	5	WASHER
17	73066804	4	BUMPER
	70916282	2	CAPSCREW, 1/4" NC x 7/8"
	70900816	4	WASHER, plain, 1/4"
	70904204	4	LOCKWASHER, 1/4"
	70916622	2	NUT, 1/4" NC
	70918237	2	CAPSCREW, 1/4" NC x 1-1/4"
	70910880	2	NUT, 1/4" NC
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 (refer to item 29)
20	-----	-	CHANNEL, 40" (refer to item 29)
21	73059832	5	PLUG
22	73061582	4	PAD
23	73066554	1	DECAL, start up-shut down
24	73066555	1	DECAL, operation
25	73066556	1	DECAL, bucket
26	73068355	1	DECAL, ROPS
27	73059954	1	ADHESIVE, 5 ounce tube (use as required)
28	73063053	1	HEADLINER, rear
	73063489	9	FASTENER, 1/4" NC x 5/8"
29	73070266	-	CHANNEL, rubber (25' length - use as required)
30	73059951	-	STRIP, rubber (20' length - use as required)
31	73059952	-	CHANNEL, rubber (100' length - use as required)

} Not illustrated

NOTE: GLASS is not serviced. Refer to CAB GLASS
DATA Parts Catalog 70698502 for pattern.



DOOR ASSEMBLY
(ROPS CAB)

T-77272

USAGE: See page 246

ITEM	PART NO.	QTY.	DESCRIPTION
-	73064447	1	DOOR ASSY., left
	73064448	1	DOOR ASSY., right
	73070449	1	DOOR ASSY., left
	73070450	1	DOOR ASSY., right
1	73064449	1	DOOR, left
	73064450	1	DOOR, right
2	.....	-	STRIP, 144" required per DOOR (Refer to item 26)
3	.....	-	CHANNEL, 102" (Refer to item 27)
4	.....	1	GLASS (Part No. 73061150) (See NOTE on page 249)
5	.....	1	CHANNEL, 64" (Refer to item 27)

(Continued)

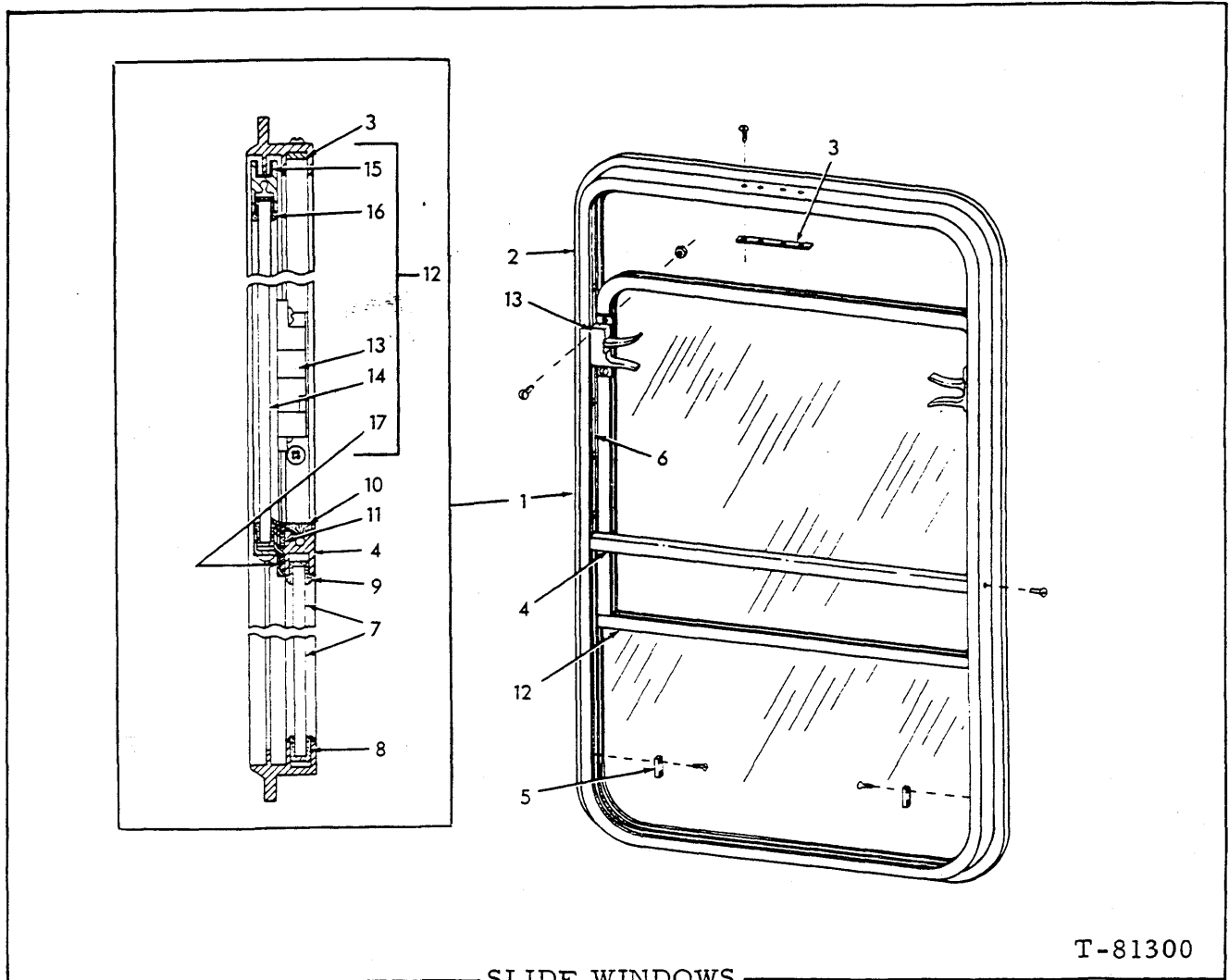
(Revised July 1979)

DOOR ASSEMBLY (Continued)
(ROPS CAB)

ITEM	PART NO.	QTY.	DESCRIPTION
6	-----	1	GLASS (Part No. 73059605)(See NOTE below)
7	-----	2	HANDLE ASSY. (Order items 21, 22 and 23)
9	73061191	2	KEY
10	{ 73061731	1	HANDLE ASSY.,left
	73061732	1	HANDLE ASSY.,right
	70922704	2	SCREW, No. 10 NF x 3/4" flat hd.
	70926024	2	NUT, No. 10
11	73059670	1	STRIP (rubber)
12	73059627	1	BAR
	70902174	4	SCREW, No. 10 NF x 7/8"
	70910243	4	WASHER, plain, No. 10
	70917415	4	NUT, No. 10
13	70920523	2	PIN, clevis, 1/4"
	70911114	2	WASHER, plain, 1/4"
14	70918194	2	PIN
15	73059621	1	BAR
16	{ 73064445	1	LOCK ASSY., left
	73064446	1	LOCK ASSY., right
17	70929915	4	SCREW, No. 10 NF x 3/4"
18	73059604	1	WINDOW ASSY., slide (Optional Equipment) (See page 249A)
19	-----	1	GLASS (Part No. 73061377)(See NOTE below)
20	-----	1	GLASS (Part No. 73061376)(See NOTE below)
21	70085559	1	NUT, wing, 5/8"
22	70085558	1	HOOK, 5/8"
23	70906759	1	SCREW, No. 4 x 1/4"
24	73061234	2	PLATE
25	73065099	1	SHIM (Use as required)
26	73061253	-	STRIP (100" length — use as required)
27	73059952	-	CHANNEL (100' length — use as required)

NOTE: Glass is not serviced. Procure locally.
Refer to CAB GLASS DATA catalog
for pattern.

(Revised October 1980)



NOTE: Quantity shown is for (1) one window only.

ITEM	PART NO.	QTY.	DESCRIPTION
1	73059604	1	WINDOW ASSY., side (Includes items 2 thru 17)
2	-----	1	FRAME
3	73061451	1	BAR, tie
	73061452	4	SCREW
4	73061450	1	POST, center
	73071855	2	SCREW
5	73061448	2	STOP
	73074560	2	SCREW
6	73061444	2	RACK, (4 step)
	73061443	12	SCREW
7	-----	1	GLASS (Part No. 73061377))(See NOTE)
8	-----	-	CHANNEL, vinyl (55")(See item 19)
9	-----	-	CHANNEL, vinyl (21")(See item 20)
10	-----	-	WEATHER SEAL (21")(See item 22)
11	-----	-	WEATHER SEAL (21")(See item 21)
12	-----	1	FRAME SLIDE ASSY. (Not serviced, order components item 13 thru 17)
	73061437	2	SCREW

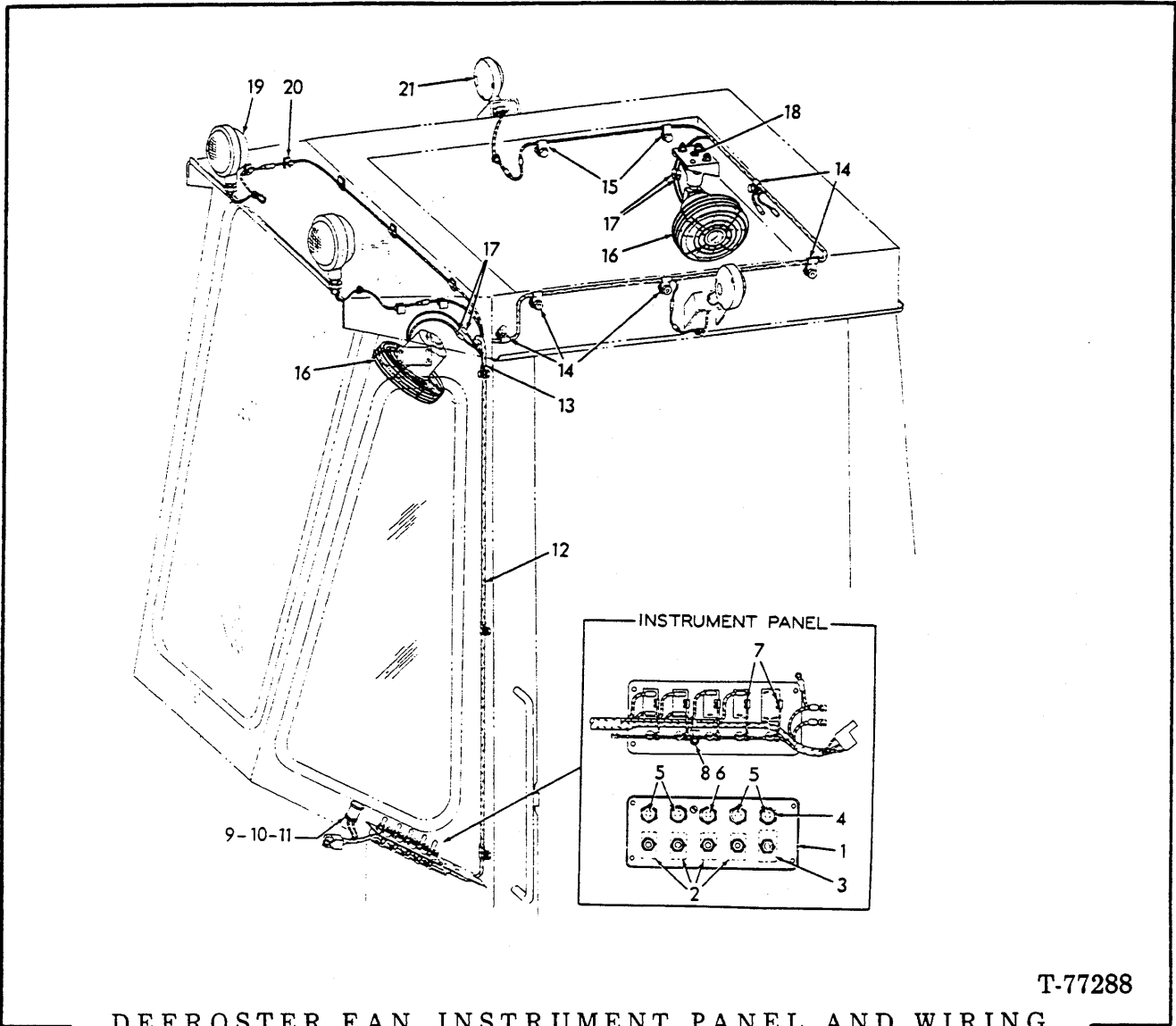
(Continued)

(Revised October 1980)

SLIDE WINDOWS (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
13	73074549	1	LOCK ASSY., left
	73074550	1	LOCK ASSY., right
	73074562	4	SCREW
	73061431	4	NUT
14	-----	-	GLASS(Part No. 73061376)(See NOTE)
15	-----	-	RUBBER, flocked (50")(See item 23)
16	-----	-	CHANNEL, vinyl (70")(See item 18)
17	-----	-	WEATHER SEAL (21")(See item 21)
18	73074564	-	CHANNEL, vinyl (25 ft.)(Use as required)
19	73074565	-	CHANNEL, vinyl (25 ft.)(Use as required)
20	73074566	-	CHANNEL, vinyl (25 ft.)(Use as required)
21	73074567	-	WEATHER SEAL (25 ft.)(Use as required)
22	73074568	-	WEATHER SEAL (25 ft.)(Use as required)
23	73074569	-	RUBBER, flocked (25 ft.)(Use as required)

NOTE: GLASS is not serviced. Procure locally.
Refer to CAB GLASS DATA catalog for
pattern.



T-77288

DEFROSTER FAN, INSTRUMENT PANEL AND WIRING
(ROPS CAB)

USAGE: Optional Equipment

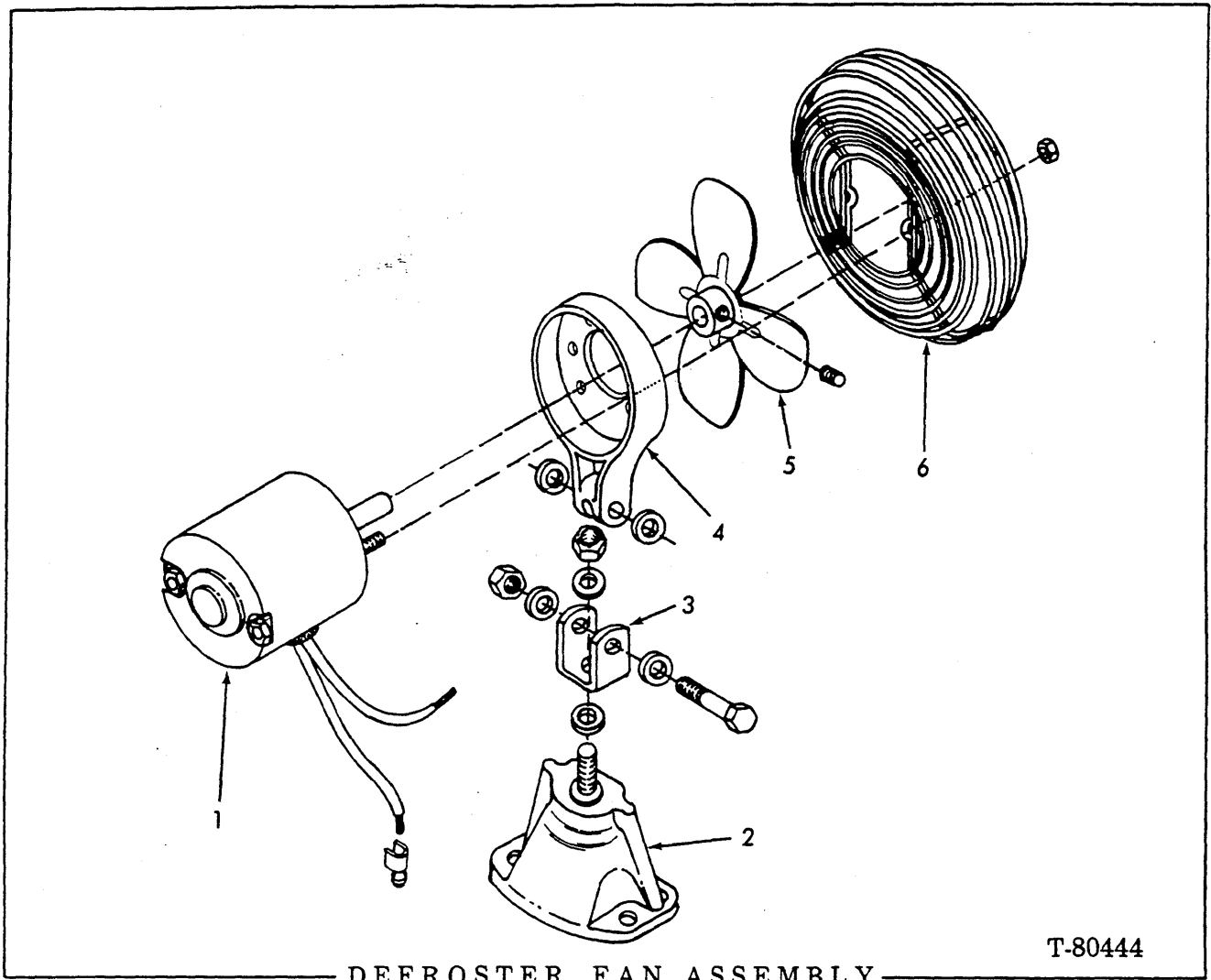
ITEM	PART NO.	QTY.	DESCRIPTION
1	73059890	1	PANEL
	70925369	4	SCREW, No. 10 NF x 5/8"
	70909055	4	LOCKWASHER, No. 10
	70917415	4	NUT, No. 10 NF
2	73059891	4	SWITCH (Includes hex nut and round nut)
3	73059893	1	SWITCH (Includes hex nut and round nut)
4	74791157	5	HOLDER, fuse
5	73040013	1	FUSE, 3 Amp.
6	73059920	1	FUSE, 10 Amp.
7	73059894	5	WIRE
8	73058052	2	CLIP
	70925369	2	SCREW, No. 10 NF x 5/8"
	70909055	2	LOCKWASHER, No. 10
	70917415	2	NUT, No. 10 NF

(Continued)

DEFROSTER FAN, INSTRUMENT PANEL AND WIRING (Continued)
(ROPS CAB)

ITEM	PART NO.	QTY.	DESCRIPTION
9	73021334	1	DASHLIGHT (Includes items 10 and 11)
10	73040937	1	BULB, 24 volt
11	73037183	1	SHIELD
12	73059919	1	HARNESS
13	70925617	3	CLIP
	70916284	3	CAPSCREW, 1/4" NC x 1/2"
	70900816	3	WASHER, plain, 1/4"
	70904204	3	LOCKWASHER, 1/4"
14	70928931	5	CLIP
	70916284	5	CAPSCREW, 1/4" NC x 1/2"
	70900816	5	WASHER, plain, 1/4"
	70904204	5	LOCKWASHER, 1/4"
15	70928176	2	CLIP
	70916284	2	CAPSCREW, 1/4" NC x 1/2"
	70900816	2	WASHER, plain, 1/4"
	70904204	2	LOCKWASHER, 1/4"
16	73059875	2	FAN ASSY. (24 volt) (See page 251a)
	70926308	4	CAPSCREW, No. 10 NF x 3/4" (front fan)
	70925369	4	CAPSCREW, No. 10 NF x 5/8"
	70923212	8	WASHER, plain, No. 10
	70917365	8	LOCKWASHER, No. 10
	70917415	4	NUT, No. 10 NF (rear fan)
17	73052008	4	TERMINAL, male bullet
18	73045633	1	GROMMET
19	73059873	2	LIGHT ASSY., 24 volt (See page 235)
20	73059884	7	CLIP
21	-----	2	LIGHT ASSY., turn signal (See page 251 B)

(Revised November 1979)

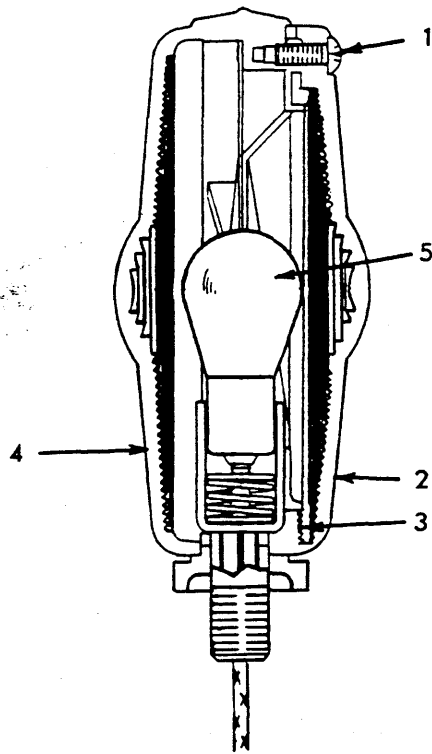


DEFROSTER FAN ASSEMBLY

T-80444

USAGE: Effective with ROPS CAB. See page 250

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)



T-78822

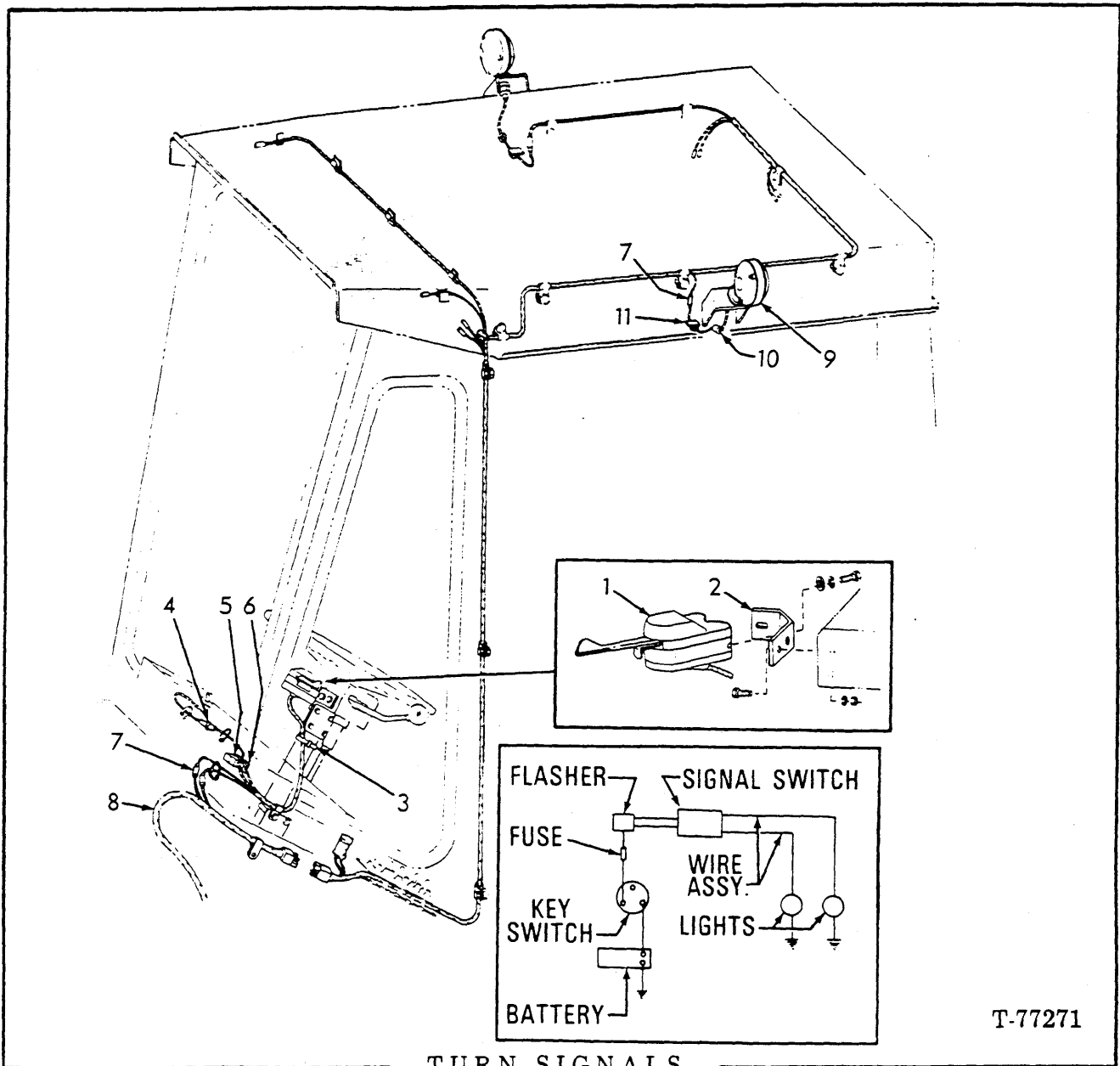
LIGHT ASSEMBLY
(Warning)

USAGE: (See page 252.)

NOTE: Quantity shown is for one LIGHT ASSY.

ITEM	PART NO.	QTY.	DESCRIPTION
-	73070480	1	LIGHT ASSY., turn signal (Includes items 1 thru 5)
1	70254941	3	SCREW
2	70254939	1	LENS, amber
3	70254940	1	GASKET
4	71006995	1	BODY
5	70934706	1	BULB(24v)
6	70915746	1	NUT, lock, 1/2" NF
	70248111	1	WASHER, rubber

} Not illustrated



TURN SIGNALS
(ROPS CAB)

T-77271

USAGE: Special Equipment

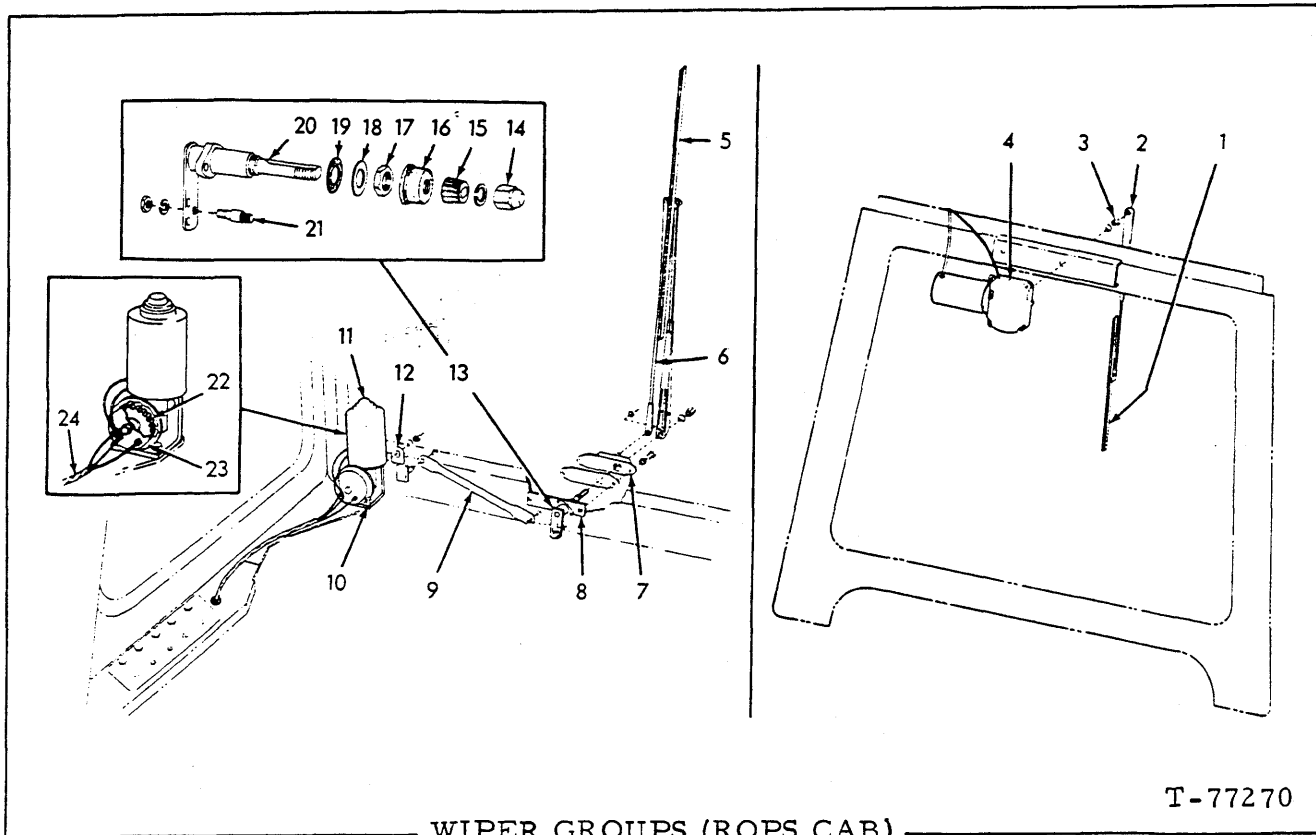
ITEM	PART NO.	QTY.	DESCRIPTION
1	73058712	1	SWITCH ASSY. (Includes Bulb, items 4 and 5 and Strap)
	73057142	1	HARDWARE PARTS REPLACEMENT
	70917443	2	SCREW, No. 8 NC x 3/4"
	70917395	2	LOCKWASHER, No. 8
	70923906	2	WASHER, plain
	70929158	1	BULB, 24 volt
	70926919	1	CLIP (secure harness to steering column)

(Continued)

(Revised July 1979)

TURN SIGNALS (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	TIE
4	73058879	1	FUSE, 14 Amp. (Between flasher and key switch)
5	73058880	1	FLASHER, turn signal
6	73055535	1	STRAP
	70917452	2	SCREW, No. 10 x 1/2"
	70917415	2	NUT, No.10
	70917365	2	LOCKWASHER, No. 10
7	73052008	4	TERMINAL
8	-----	-	HARNESS (See page 230 item 15)
9	-----	2	LIGHT ASSY., turn signal (See page 251b)
10	73059832	2	PLUG
11	73059884	2	CLIP



WIPER GROUPS (ROPS CAB)

NOTE: See page 308. ROPS CAB includes Front Wiper. Order Special Equipment Rear Wiper separately.

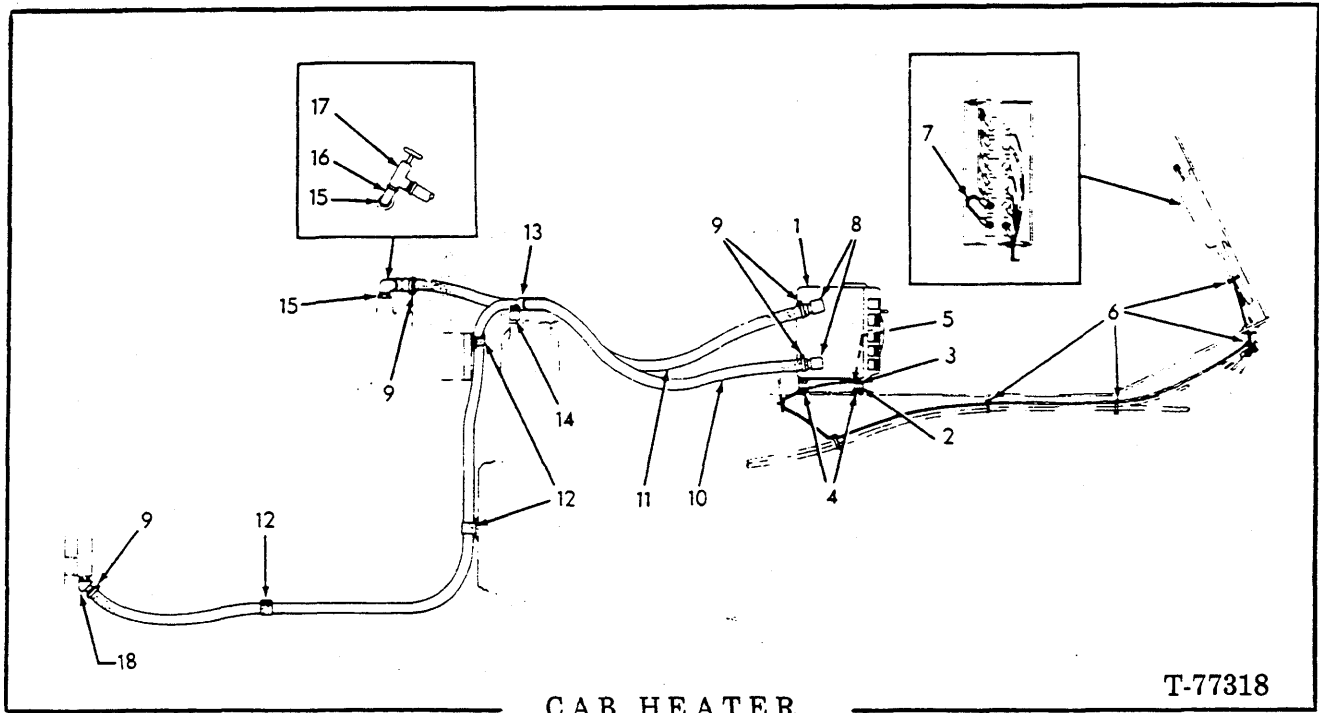
ITEM	PART NO.	QTY.	DESCRIPTION
1	73059930	1	BLADE
2	73059929	1	ARM
3	73051895	1	NUT
4	73059938	1	MOTOR (24 volt)
	70917452	1	SCREW, #10-32 x 1/2"
	70904203	1	LOCKWASHER, #10
	70917415	1	NUT, #10
5	73057227	1	BLADE
6	73059939	1	ARM
7	73057225	1	ADAPTER ASSY. (Includes Gasket)
	70927340	2	CAPSCREW, 1/4"NC x 3/4"
	70904204	2	LOCKWASHER, 1/4"
	70910880	2	NUT
8	73059683	1	PLATE (Early units)
9	73059942	1	LINK
	70639073	2	WASHER, spring, 1/4"
	70639074	2	CLIP
10	73059633	1	BRACKET
	70916282	2	CAPSCREW, 1/4"NC x 7/8"
	70904204	2	LOCKWASHER, 1/4"
	70900816	2	WASHER

(Continued)

WIPER GROUPS (ROPS CAB)(Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
11	73061907	1	MOTOR (24 volt)(Early type, includes item 22)
	73074080	1	MOTOR (24 volt)(Late type, includes items 22 and 23)
	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 AND PIVOT ASSY., (11/16" dia. shaft) (Includes items 14 thru 21)
	70922121	2	SCREW, #10-32 x 3/8"
	70922711	2	LOCKWASHER, #10
14	73066426	1	CAP NUT
	70916803	1	LOCKWASHER, 3/8"
15	73066427	1	DRIVER
16	73066424	1	CAP, rubber
17	73066428	1	NUT
18	70922088	1	WASHER, plain, 23/32"
19	73066425	1	WASHER, fiber
20	-----	1	SHAFT ASSY (Order item 13)
21	73066418	1	STUD
	70924958	1	LOCKWASHER, 1/4"
	70920437	1	NUT, 1/4"NF
22	73076862	1	GEAR ASSY., includes shaft (Service both early and late type motors item 11)
23	73076863	1	COVER
24	73074235	1	WIRE HARNESS (51" long, cut to length)
	74255271	3	TERMINAL

} Service late type.
motor only,
item 11

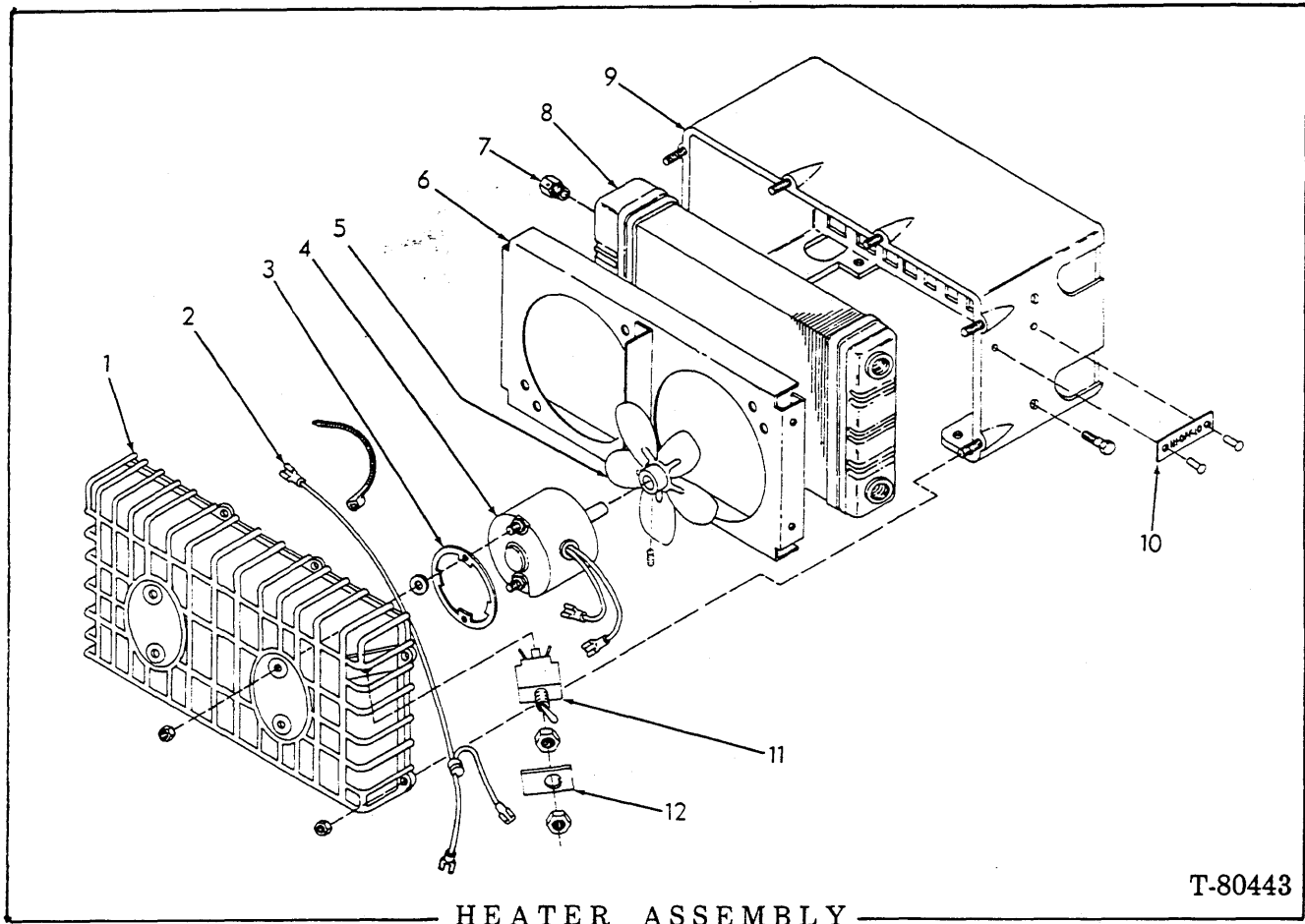


CAB HEATER

T-77318

USAGE: Special Equipment

ITEM	PART NO.	QTY.	DESCRIPTION
1	73058731	1	HEATER ASSY. (See page 256a)
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"
	73057569	4	NUT
5	70928176	1	CLAMP
6	70925094	5	CLIP
7	73058126	1	WIRE ASSY.
8	70925063	2	NIPPLE, 3/4" NPTF, 3/4" hose
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"
17	73058884	1	VALVE
18	70930213	1	ELBOW, 1/2" NPTF
19	73069299	-	HOSE (25' length - use as required)



T-80443

HEATER ASSEMBLY

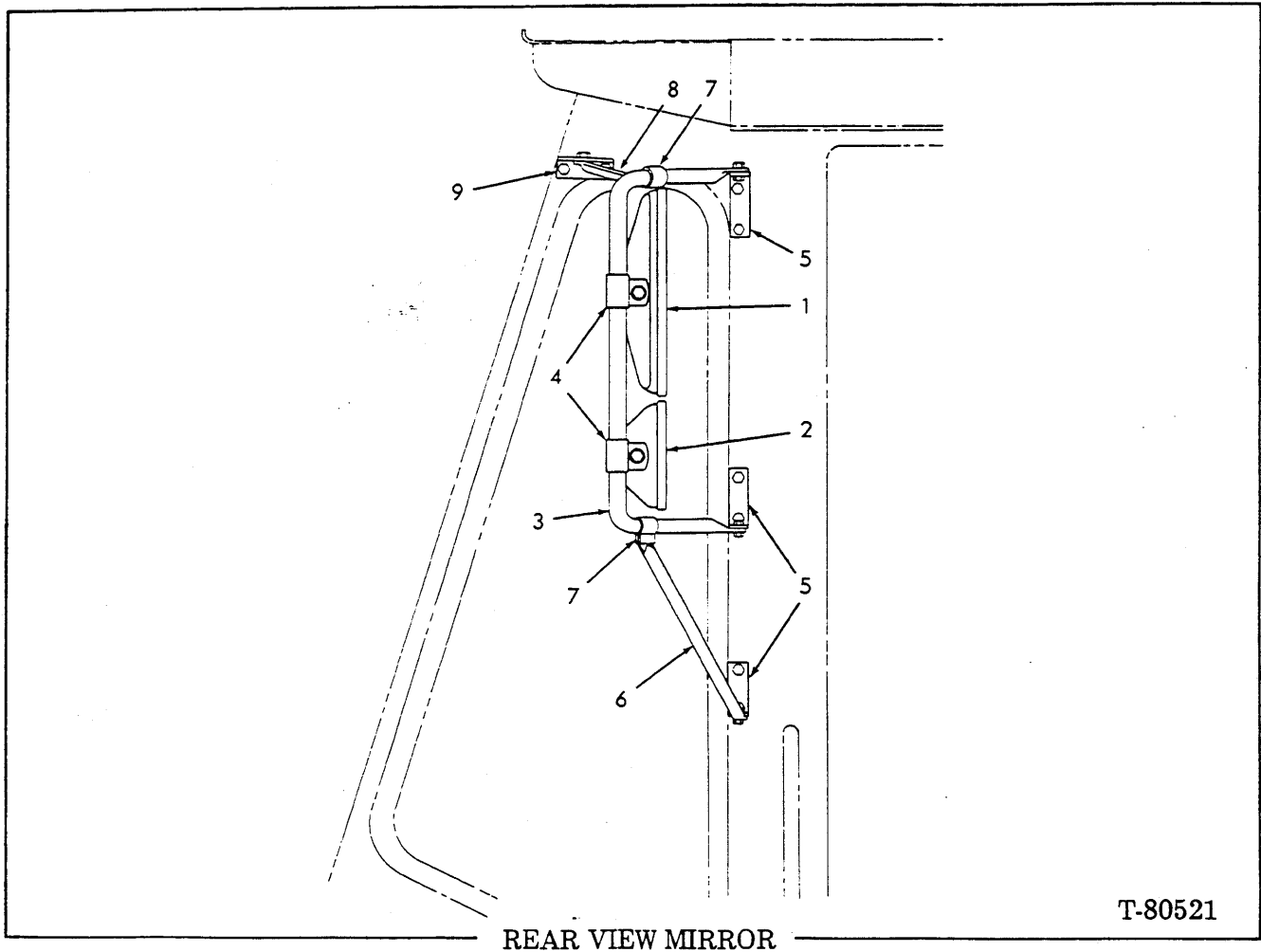
USAGE: Special equipment. See page 256

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

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



USAGE: Special Equipment

ITEM	PART NO.	QTY.	DESCRIPTION
-	73072772	1	REAR VIEW MIRROR KIT, outside (Includes items 1 thru 9)
1	73072904	1	HEAD, mirror
2	73072905	1	HEAD, convex
3	73072906	1	LOOP
	70934674	2	CAPSCREW, 5/16" NC x 3/4"
	70934675	2	WASHER
	70934673	2	LOCKWASHER, 5/16"
	70934676	2	NUT, 5/16" NC
4	73072907	2	CLAMP
	73072908	2	GASKET, clamp
	70934673	2	LOCKWASHER, 5/16"
	73072909	2	BOLT, acorn
5	73072910	3	CAB FOOT
	70934677	6	CAPSCREW, 1/4" NC x 3/4"
	70934678	6	LOCKWASHER, 1/4"
	70934679	6	NUT, 1/4" NC

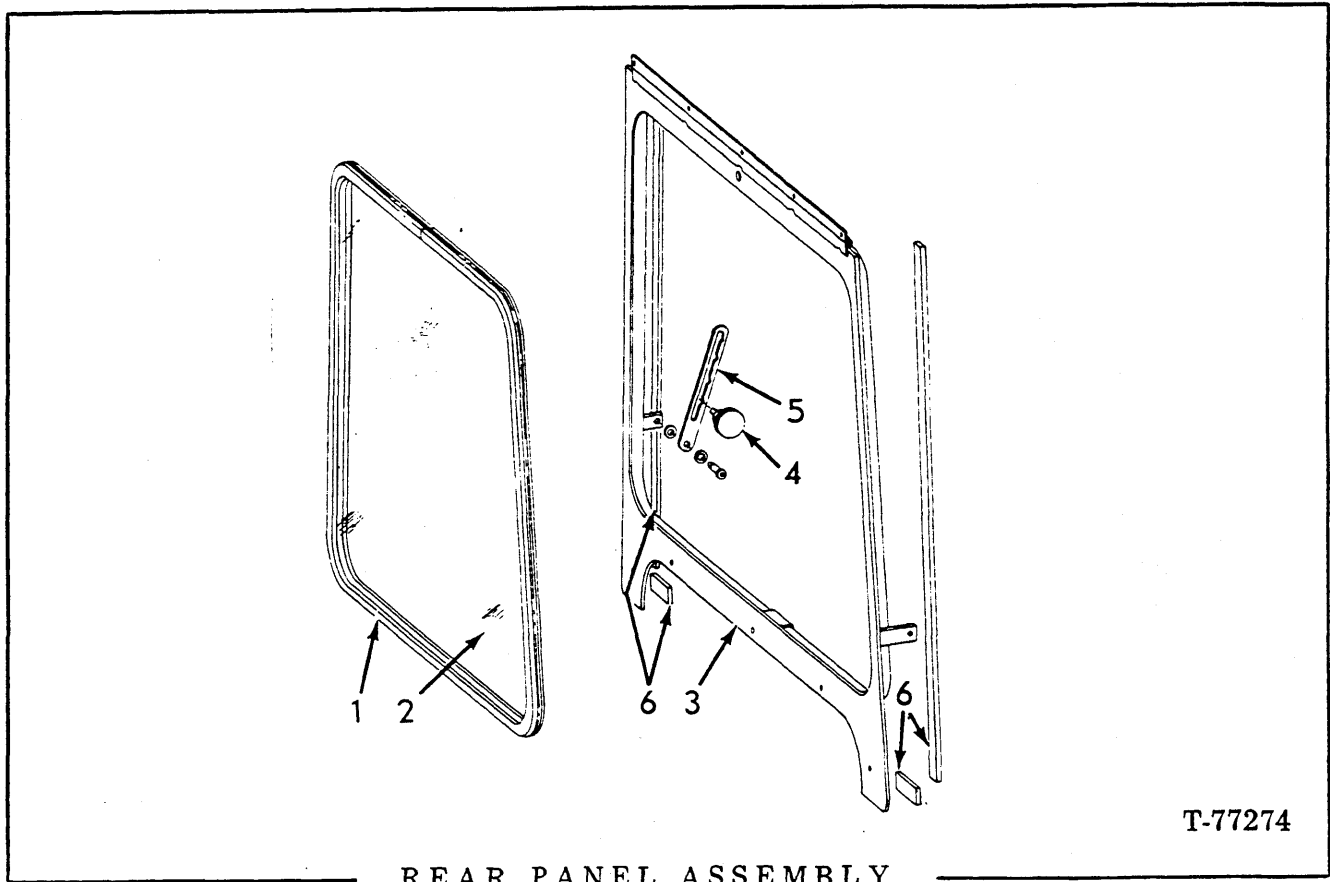
(Continued)

(Revised November 1979)

REAR VIEW MIRROR (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
6	73072912	1	BRACE, lower
	70934674	2	CAPSCREW, 5/16" NC x 3/4"
	70934675	1	WASHER
	70934673	2	LOCKWASHER, 5/16"
	70934676	2	NUT, 5/16" NC
7	73072911	2	CLAMP
8	73072913	1	BRACE, upper
	70934674	2	CAPSCREW, 5/16" NC x 3/4"
	70934675	1	WASHER
	70934673	2	LOCKWASHER, 5/16"
	70934676	2	NUT, 5/16" NC
9	73072914	1	CAB FOOT
	70934677	2	CAPSCREW, 1/4"NC x 3/4"
	70934678	2	LOCKWASHER, 1/4"
	70934679	2	NUT, 1/4" NC

(Added November 1979)



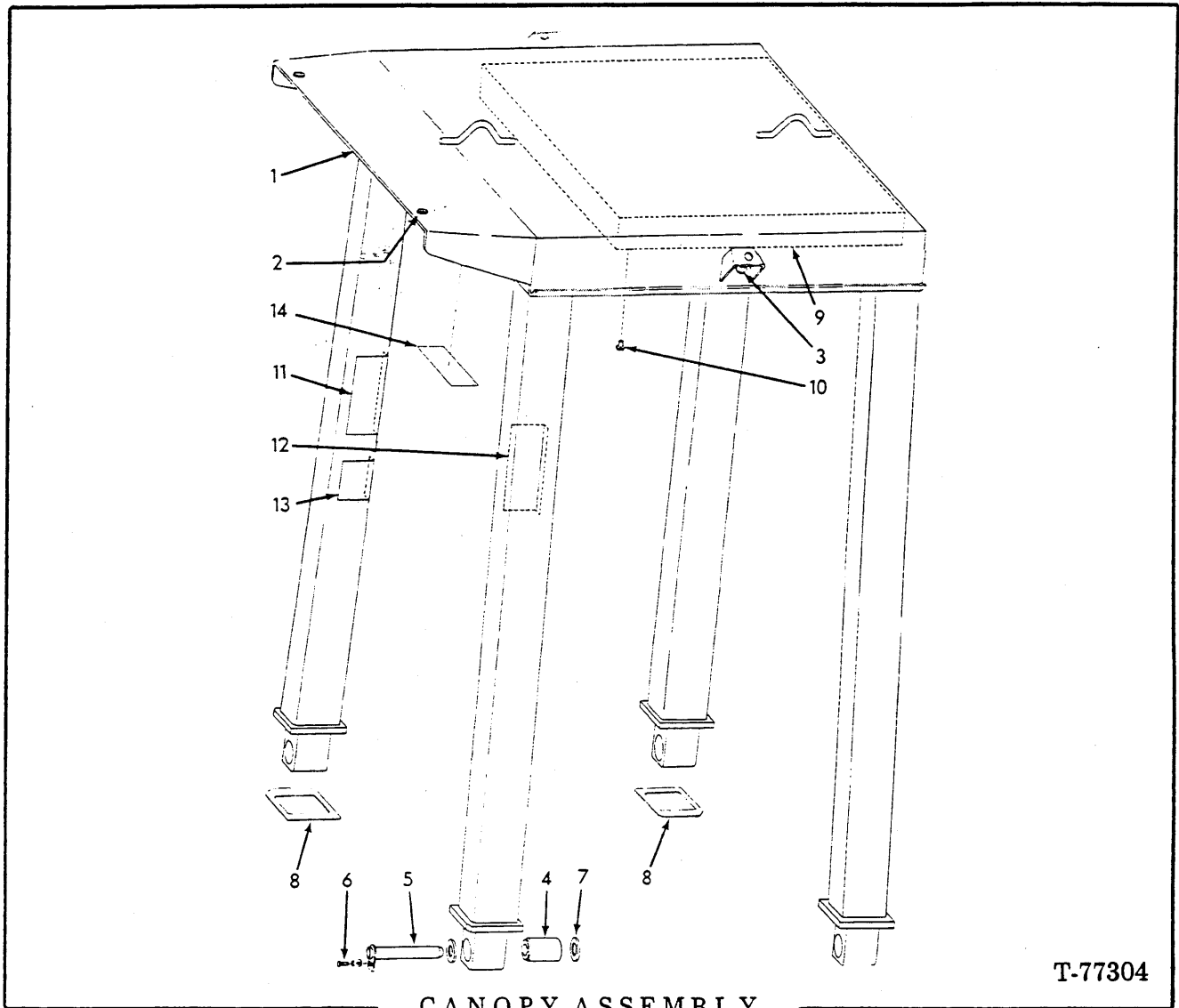
T-77274

REAR PANEL ASSEMBLY
(ROPS CAB)

USAGE: See page 246.

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.)
	73068389	5	PLUG (Late units)
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"
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 is not serviced. Refer to CAB GLASS
DATA Parts Catalog 70698502 for pattern.

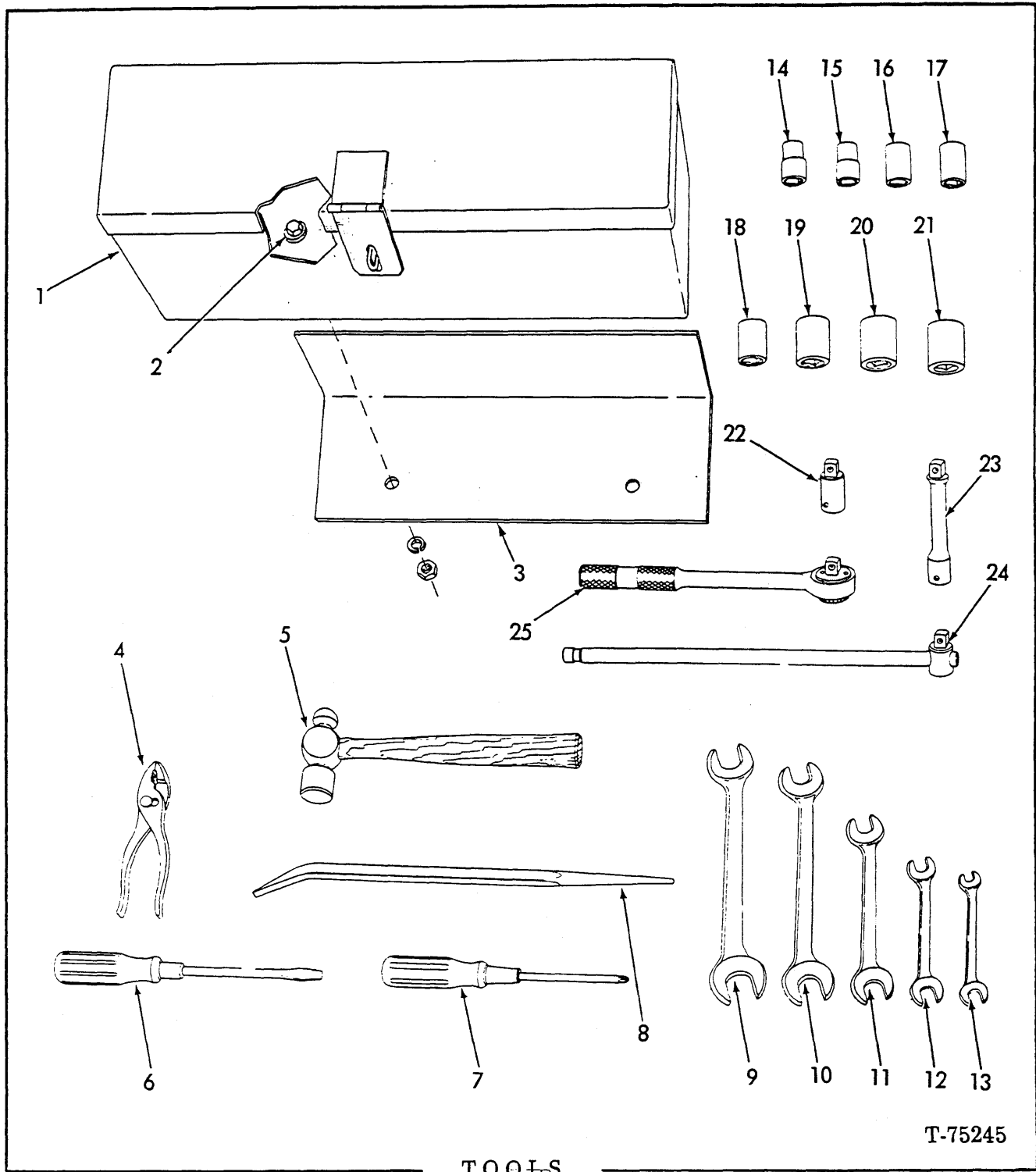


CANOPY ASSEMBLY
(ROPS)

T-77304

USAGE: Optional Equipment

ITEM	PART NO.	QTY.	DESCRIPTION
1	-----	1	CANOPY ASSY. (Machinery Item)
2	73059831	2	PLUG
3	73059832	2	PLUG
4	73059477	4	BUSHING
5	73059455	4	PIN
6	70915408	4	CAPSCREW, 3/8" NC x 3/4"
	70910287	4	LOCKWASHER, 3/8"
	70911115	4	WASHER, plain, 3/8"
7	70912299	4	WASHER, spacing, 1-1/4"
8	73061582	4	PAD (rubber)
9	73063053	1	HEADLINER
10	73063489	9	FASTENER, 1/4" NC x 5/8" (1-3/4" long)
11	73066554	1	DECAL, start up, shut down
12	73066555	1	DECAL, operation
13	73066556	1	DECAL, bucket
14	73068355	1	DECAL (ROPS)



TOOLS

T-75245

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, 3/8"
	70910287	2	LOCKWASHER, 3/8"
	70910324	2	NUT, 3/8" NC

(Continued)

TOOLS (Continued)

ITEM	PART NO.	QTY.	DESCRIPTION
3	73062087	1	BRACKET (Requires welding to install)
4	70012389	1	PLIERS, 6"
5	70012387	1	HAMMER, 1 lb.
6	70036268	1	SCREWDRIVER, 9-3/4" long
7	70914732	1	SCREWDRIVER, Phillips No. 2
8	70052371	1	BAR, 16" long
9	70050611	1	WRENCH, 15 ^o , 15/16" and 1-1/16"
10	70050610	1	WRENCH, 15 ^o , 3/4" and 7/8"
11	70050609	1	WRENCH, 15 ^o , 5/8" and 3/4"
12	70050608	1	WRENCH, 15 ^o , 1/2" and 9/16"
13	70050607	1	WRENCH, 15 ^o , 3/8" and 1/2"
14	70914709	1	SOCKET, 1/2" sq. dr., 1/2" hex
15	70914710	1	SOCKET, 1/2" sq. dr., 9/16" hex
16	70914711	1	SOCKET, 1/2" sq. dr., 5/8" hex
17	70914712	1	SOCKET, 1/2" sq. dr., 11-1/16" hex
18	70914713	1	SOCKET, 1/2" sq. dr., 3/4" hex
19	70914714	1	SOCKET, 1/2" sq. dr., 7/8" hex
20	70914715	1	SOCKET, 1/2" sq. dr., 15/16" hex
21	70914716	1	SOCKET, 1/2" sq. dr., 1" hex
22	70914717	1	BAR, 1/2" dr., 2" long
23	70914718	1	BAR, 1/2" dr., 5" long
24	70050612	1	HANDLE, 1/2" sq. dr., 15" long
25	70914719	1	HANDLE, 1/2" sq. dr.

PAINTING AND MARKING
(Not Illustrated)

ITEM	PART NO.	QTY.	DESCRIPTION	
1	73067494	1	DECAL KIT (Includes items 6 thru 51 - English except 10)	
2	70698037	-	ENAMEL, F-A yellow orange, 12 oz. aerosol can	
3	70698038	-	ENAMEL, F-A yellow orange, gallon can	
4	70925436	-	ENAMEL, black, 12 oz. aerosol can	
5	70925433	-	ENAMEL, black, quart can	
6	70694425	1	DECAL, trademark (applied to front frame)	
7	70694432	2	DECAL, F-A "Fiat-Allis" (applied to hood)	
8	70694438	1	DECAL, "Fiat-Allis" (applied to counterweight)	
9	73057767	1	DECAL, circuit breaker box	
10	73061463	1	ACTIVATOR, 16 oz. can (use to improve adhesion of decals)	
11	73062868	-	DECAL, stripe (25' length - use as required on front frame, bonnet, hood and radiator support)	
12	73066551	1	DECAL, low air pressure (applied to instrument panel)	
13	73066552	2	DECAL, stay off ladder	
14	73066553	1	DECAL, emergency brake (applied to instrument panel)	
15	73066554	1	DECAL, start up-shut down (applied to right front cab post)	
16	73066555	1	DECAL, operation (applied to left front cab post)	
17	73066556	1	DECAL, bucket (applied to left front cab post)	
18	73066557	2	DECAL, articulation (applied to rear of front frame)	
19	73066816	1	DECAL, shift instructions (applied to transmission shift control cover)	
20	73067268	1	DECAL, English	} Lube and service plate applied to left front fender
	73068786	1	DECAL, French	
	73068787	1	DECAL, German	
	73068788	1	DECAL, Italian	
	73068789	1	DECAL, Portuguese	
	73068790	1	DECAL, Spanish	
21	73067269	3	DECAL, 745-C	
22	73067270	1	DECAL, brake fluid (applied to instrument panel)	
23	73067606	1	DECAL, clutch release (applied to bonnet)	
24	73067611	1	DECAL, hydraulic tank (applied under hydraulic tank cover)	
25	73067620	1	DECAL, bucket control (applied to console)	
26	73067621	1	DECAL, air restrictor indicator (applied to bonnet)	
27	73067607	1	DECAL, oil level (next to sight gauge)	
28	73067625	1	DECAL, fuel shut off	
29	73067626	1	DECAL, rear axle disconnect	
30	73067712	1	DECAL, patent plate (applied to pressure converter cover)	
31	73107881	2	DECAL, rotating blades (applied to radiator support)	
32	73107884	1	DECAL, coolant pressure (applied to radiator support)	
33	73107885	1	DECAL, towing (applied to counterweight)	
34	73070500	1	DECAL, engine starting (applied to hydraulic console)	
35	73107890	2	DECAL, scissors point (applied to dump cylinder)	
36	73107894	1	DECAL, air cleaner	
37	73107895	1	PLATE, English	} Operator warning plate applied to instrument panel
	73109138	1	PLATE, French	
	73109137	1	PLATE, German	
	73109135	1	PLATE, Italian	
	73109139	1	PLATE, Portuguese	
	73109136	1	PLATE, Spanish	

(Continued)

PAINTING AND MARKING (Continued)

(Not Illustrated)

ITEM	PART NO.	QTY.	DESCRIPTION
38	73107897	1	DECAL, brakes (applied to left hand side rear frame)
39	73108722	1	DECAL, starting fluid (applied to air cleaner stack)
40	73108815	1	DECAL, check air tanks (applied to pressure converter cover)
41	73108820	1	DECAL, brake fluid (applied to pressure converter cover)
42	73107882	2	DECAL, battery vapors (applied to battery box)
43	73109131	1	DECAL, manual (applied to seat)
44	73109134	2	DECAL, disconnect battery (applied radiator support)
45	73109796	1	APPLICATOR (decal squeegee)
46	73112963	2	DECAL, lube oil filter
47	73112962	1	DECAL, safety support (applied to left hand side front frame)
48	73067294	1	PIX, decor group (location of all decals)
49	73067352	1	DECAL, installation pix
50	73109818	1	INSTRUCTION, decal storage and application
51	73112663	1	DECAL, cyclopac (air cleaner)
52	73066565	1	TAG, bucket control
	73066566	1	TAG, articulation lock
	73066567	1	TAG, do not remove bucket
53	73065888	1	DECAL, cold weather starting instruction (applied to bonnet - special equipment)
54	73109097	1	TAG, coolant (applied to radiator filler neck)
55	73121320	1	KIT, machine sign, French
56	73121321	1	KIT, machine sign, Italian
57	73121323	1	KIT, machine sign, Spanish
} See note.			
Note: Each includes all decals reqd. for complete marking of machine, but does not include trademark and model designation decals.			
58	73070500	1	DECAL, engine air heater instructions

(Revised February 1988)

NUMERICAL INDEX

Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page
70012389..260		70199247..107		70663229..195		70677006..70		70691745..241	
70035250..31		70199871..150		70663230..195		70677006..72		70694425..221	
70036268..260		70199933..99		70663231..195		70677006..174		70694425..261	
70044973..64		70208253..94		70663269..195		70677006..175		70694432..218	
70050607..260		70231713..243		70663278..190		70677006..179		70694432..261	
70050608..260		70236837..181		70663279..190		70677006..149		70694438..221	
70050609..260		70243526..240		70663280..190		70677006..154		70694438..222	
70050610..260		70243527..240		70663282..195		70677006..155		70694438..223	
70050611..260		70243528..240		70663283..195		70677006..159		70694438..261	
70050612..260		70251888..63		70663354..191		70677006..160		70695471..239	
70052371..260		70357312..186		70663355..191		70677006..164		70697266..241	
70052662..94		70617932..184		70663356..189		70677006..119		70698037..261	
70061461..221		70620721..66		70663455..189		70677006..120		70698038..261	
70061461..221		70621278..236		70663455..191		70677006..129		70698502..257	
70061461..222		70621428..235		70663456..191		70677006..130		70698502..249	
70061461..223		70621429..230		70663459..8		70677006..131		70698502..1	
70063890..35		70621429..231		70663459..191		70677006..132		70699053..231	
70063891..35		70621429..235		70663977..169		70677007..129		70699126..231	
70067487..210		70621530..66		70664343..66		70677008..221		70699268..233	
70067487..202		70621724..235		70664536..189		70677008..230		70900365..179	
70067487..206		70621821..235		70664537..189		70677008..231		70900367..178	
70067487..198		70624584..67		70664538..190		70677008..231		70900367..179	
70070960..196		70628736..67		70664539..190		70677008..232		70900367..179	
70078810..67		70630540..35		70664540..189		70677008..233		70900367..192	
70080758..35		70633730..221		70664541..189		70677008..233		70900367..196	
70082443..35		70633730..222		70664542..192		70677008..242		70900372..190	
70082444..35		70633730..223		70664543..192		70677008..102		70900558..254	
70082449..35		70636102..150		70664544..192		70677008..185		70900559..249	
70082487..35		70638413..210		70664545..192		70677008..196		70900806..209	
70082488..35		70638413..202		70664546..190		70677008..142		70900806..205	
70082489..35		70638413..206		70664547..196		70677008..154		70900806..95	
70082490..35		70638413..199		70664548..190		70677008..159		70900806..99	
70084897..35		70639073..254		70664549..190		70677008..164		70900806..184	
70084899..35		70639074..254		70664550..196		70677008..169		70900806..186	
70085558..249		70639916..183		70664551..189		70677008..129		70900806..188	
70085559..249		70645028..65		70665726..169		70677008..130		70900806..189	
70087528..71		70645029..65		70666128..158		70677010..214		70900806..191	
70096815..35		70645121..1		70666244..103		70677010..218		70900806..198	
70096816..35		70646631..217		70666421..169		70677010..231		70900806..201	
70160425..132		70647418..179		70666983..193		70677010..236		70900806..142	
70166222..132		70647418..109		70667252..31		70677010..101		70900806..147	
70180479..211		70648180..221		70667252..10		70677010..69		70900807..51	
70181478..126		70648977..193		70667676..35		70677010..72		70900816..251	
70181605..72		70650412..1		70669623..151		70677010..12		70900816..251A	
70182763..235		70652890..195		70669623..157		70677010..194		70900816..254	
70183297..211		70653570..101		70677004..231		70677010..141		70900817..160	
70184550..153		70653570..183		70677004..101		70677010..118		70900843..155	
70185202..169		70654121..192		70677004..179		70677064..1		70901310..245	
70185203..169		70654123..192		70677004..180		70678072..218		70901479..81	
70185606..216		70654125..192		70677004..186		70678570..1		70901500..136	
70185606..217		70654127..189		70677005..230		70678727..1		70901651..64	
70185966..136		70654168..195		70677005..232		70679206..193		70901652..38	
70185967..136		70654169..195		70677005..99		70679513..103		70901653..103	
70188662..216		70655712..184		70677005..128		70680080..227		70901653..39A	
70188662..217		70655718..184		70677005..129		70682797..1		70901666..22	
70188662..221		70656899..192		70677006..216		70683291..101		70901677..81	
70191995..152		70658759..64		70677006..217		70683291..101		70901705..132	
70192930..221		70658800..1		70677006..218		70684010..209		70901705..136	
70194533..89		70659494..151		70677006..229		70684010..205		70901716..132	
70194533..89		70659494..158		70677006..230		70684010..197		70901724..256	
70194551..81		70661162..66		70677006..230		70684010..201		70901763..65	
70194585..76		70661163..66		70677006..231		70684391..9		70901764..81	
70194585..9		70661454..183		70677006..232		70684391..192		70901826..42	
70194679..89		70661455..183		70677006..239		70684734..66		70901834..242	
70194679..9		70661456..184		70677006..240		70686384..67		70901834..43	
70194680..89		70662477..66		70677006..240		70687557..225		70901834..132	
70196735..132		70662618..66		70677006..101		70690358..109		70901835..129	
70196759..132		70663216..195		70677006..104		70690358..116		70901835..131	
70197810..66		70663227..195		70677006..62		70690359..109		70901835..132	
70198775..145		70663228..195		70677006..65		70690359..116		70902174..48	

NUMERICAL INDEX

Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page
70904003..113		70910195..230		70910287..149		70911025..99		70912201..42	
70904203..245		70910195..231		70910287..153		70911025..128		70912298..209	
70904203..249		70910195..45		70910287..161		70911025..129		70912298..205	
70904203..249		70910195..183		70910287..169		70911026..214		70912298..137	
70904203..254		70910195..184		70910287..123		70911026..216		70912299..258	
70904203..48		70910195..196		70910287..137		70911026..217		70912299..246	
70904204..228		70910231..81		70910287..138		70911026..218		70912307..226	
70904204..202		70910231..158		70910323..226		70911026..229		70912333..56	
70904204..206		70910233..86		70910323..51		70911026..230		70912333..48	
70904204..245		70910233..144		70910323..57		70911026..240		70912369..30	
70904204..251		70910243..249		70910323..71		70911026..98		70912415..70	
70904204..253		70910244..205		70910323..45		70911026..101		70912415..37	
70904204..254		70910244..209		70910324..210		70911026..62		70912415..41	
70904204..45		70910244..95		70910324..216		70911026..64		70912415..13	
70904204..22		70910244..172		70910324..259		70911026..67		70912441..226	
70904204..181		70910244..149		70910324..202		70911026..174		70912441..205	
70904204..183		70910251..119		70910324..206		70911026..129		70912441..209	
70904204..186		70910255..202		70910324..51		70911028..216		70912441..253	
70904204..186		70910255..206		70910324..34		70911028..230		70912441..97	
70904204..188		70910255..95		70910324..183		70911028..231		70912441..52	
70904204..126		70910255..185		70910324..197		70911028..242		70912441..56	
70904204..135		70910255..187		70910324..198		70911028..62		70912441..57	
70904205..226		70910255..141		70910324..198		70911028..196		70912441..60	
70904205..256		70910267..67		70910324..201		70911028..142		70912441..25	
70904205..51		70910287..210		70910324..201		70911028..154		70912441..33	
70904205..55		70910287..216		70910324..201		70911028..164		70912441..36	
70904205..57		70910287..258		70910324..137		70911028..129		70912441..37	
70904205..71		70910287..259		70910324..138		70911028..130		70912441..45	
70904205..39A		70910287..202		70910325..226		70911029..218		70912441..48	
70904205..45		70910287..205		70910325..205		70911029..231		70912441..183	
70904205..45		70910287..206		70910325..209		70911029..101		70912441..184	
70904205..47		70910287..209		70910325..35		70911029..69		70912441..165	
70904205..47		70910287..246		70910325..184		70911029..72		70912589..63	
70904205..48		70910287..256		70910329..101		70911029..12		70912731..235	
70904205..181		70910287..81		70910329..67		70911029..194		70912739..235	
70904205..144		70910287..91		70910329..183		70911029..141		70912765..202	
70904205..172		70910287..92		70910335..256		70911030..105		70912765..230	
70904208..52		70910287..94		70910345..43		70911040..67		70912765..231	
70904208..35		70910287..95		70910345..120		70911049..35		70912772..57	
70904223..30		70910287..51		70910545..54		70911114..225		70912772..169	
70904223..13		70910287..52		70910834..132		70911114..228		70912808..164	
70904224..77		70910287..56		70910847..39A		70911114..243		70912808..106	
70905122..94		70910287..57		70910847..14		70911114..249		70912808..109	
70905122..181		70910287..64		70910847..141		70911114..183		70913039..24	
70905126..23		70910287..70		70910867..142		70911114..186		70913105..210	
70905127..16		70910287..25		70910876..143		70911114..188		70913105..202	
70905261..143		70910287..26		70910880..245		70911115..257		70913105..206	
70905347..143		70910287..28		70910880..45		70911115..258		70913105..198	
70906403..101		70910287..31		70910919..24		70911115..259		70913177..210	
70906515..101		70910287..33		70910919..42		70911115..239		70913177..202	
70906759..249		70910287..34		70910923..189		70911115..246		70913177..206	
70906904..65		70910287..36		70910948..91		70911115..176		70913177..94	
70906904..67		70910287..37		70910948..52		70911115..177		70913177..99	
70906985..237		70910287..39		70910980..99		70911115..183		70913177..101	
70907801..135		70910287..39A		70910980..172		70911115..198		70913177..186	
70907856..121		70910287..40		70910986..209		70911115..201		70913177..188	
70907863..27		70910287..41		70910986..205		70911115..142		70913177..188	
70907863..29		70910287..42		70910986..253		70911115..117		70913177..198	
70908944..192		70910287..45		70910986..52		70911117..148		70913177..144	
70909055..250		70910287..19		70910986..24		70911169..105		70913432..60	
70909589..167		70910287..176		70910986..197		70911169..107		70913463..173	
70910002..24		70910287..177		70910986..201		70911327..135		70913535..119	
70910017..13		70910287..179		70911017..139		70911413..57		70913544..57	
70910123..95		70910287..183		70911024..229		70911440..164		70913544..30	
70910123..64		70910287..184		70911024..230		70911841..63		70913599..14	
70910123..123		70910287..192		70911024..35		70911993..154		70913599..181	
70910128..63		70910287..196		70911024..126		70912069..92		70913697..253	
70910194..67		70910287..197		70911024..132		70912069..19		70913704..119	
70910195..205		70910287..198		70911025..214		70912188..76		70913730..14	
70910195..209		70910287..201		70911025..98		70912201..237		70913830..152	

NUMERICAL INDEX

Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page
70914087..132		70915406..186		70916271..34		70916867..76		70917680..39A	
70914105..255		70915406..186		70916271..39		70916867..70		70917688..220	
70914120..255		70915406..188		70916271..19		70916871..27		70917705..36	
70914392..48		70915406..188		70916271..176		70916880..229		70917758..141	
70914465..101		70915408..258		70916271..177		70916937..95		70917778..195	
70914465..39		70915408..205		70916271..137		70916952..125		70917806..43	
70914465..189		70915408..209		70916271..138		70916964..243		70917806..47	
70914465..195		70915408..246		70916272..210		70916964..63		70917807..56	
70914465..145		70915408..256		70916272..202		70917021..22		70917807..42	
70914465..147		70915408..51		70916272..206		70917200..209		70917807..42	
70914465..159		70915408..177		70916272..37		70917200..205		70917807..48	
70914465..161		70915514..48		70916272..177		70917209..140		70917808..51	
70914465..162		70915514..138		70916272..179		70917330..52		70917808..52	
70914465..164		70915797..183		70916272..183		70917330..26		70917809..43	
70914465..165		70915797..184		70916272..184		70917351..129		70917809..47	
70914465..107		70915797..184		70916272..198		70917351..129		70917810..56	
70914487..236		70915807..71		70916272..153		70917351..132		70917810..42	
70914487..240		70915809..256		70916272..169		70917354..129		70917810..42	
70914488..221		70915809..51		70916274..25		70917354..132		70917810..48	
70914488..221		70915809..57		70916274..39A		70917356..133		70917811..51	
70914488..222		70915809..71		70916275..40		70917365..229		70917811..52	
70914488..223		70915809..71		70916275..198		70917365..243		70917889..197	
70914501..105		70915813..133		70916275..201		70917365..244		70917889..201	
70914541..74		70915865..120		70916277..23		70917365..251		70917970..53	
70914626..126		70915874..185		70916277..26		70917365..253		70917970..26	
70914626..131		70915874..187		70916277..47		70917368..129		70918194..249	
70914670..45		70915891..218		70916277..47		70917370..129		70918237..45	
70914670..45		70915935..89		70916279..30		70917376..231		70918308..64	
70914670..48		70915969..60		70916280..52		70917393..243		70918308..176	
70914678..237		70915969..25		70916282..254		70917395..243		70918308..177	
70914678..76		70915969..33		70916282..22		70917395..252		70918308..154	
70914678..81		70915972..213		70916282..181		70917415..243		70918308..155	
70914678..52		70915972..169		70916284..202		70917415..244		70918308..159	
70914678..54		70915972..137		70916284..206		70917415..249		70918308..160	
70914678..54		70915987..226		70916284..245		70917415..250		70918308..163	
70914678..57		70915987..38		70916284..251		70917415..251		70918308..164	
70914678..70		70915987..184		70916284..251		70917415..253		70918374..43	
70914678..36		70915987..187		70916284..45		70917415..254		70918397..181	
70914678..42		70915987..165		70916284..22		70917415..172		70918448..101	
70914678..179		70915990..39A		70916284..183		70917430..256		70918448..67	
70914678..197		70916001..27		70916284..183		70917443..252		70918594..181	
70914678..201		70916004..169		70916285..228		70917451..225		70918683..48	
70914678..137		70916009..25		70916311..226		70917452..253		70918802..52	
70914709..260		70916019..140		70916311..57		70917462..135		70918802..68	
70914710..260		70916079..245		70916311..33		70917467..153		70918802..47	
70914711..260		70916191..137		70916311..37		70917484..119		70918804..68	
70914712..260		70916197..76		70916311..22		70917484..120		70918804..47	
70914713..260		70916197..81		70916313..36		70917503..131		70918849..42	
70914714..260		70916197..57		70916313..137		70917503..136		70918850..81	
70914715..260		70916197..42		70916314..35		70917546..28		70918850..13	
70914715..260		70916206..39A		70916315..256		70917570..256A		70918851..13	
70914717..260		70916222..54		70916317..60		70917570..251A		70918887..133	
70914718..260		70916225..164		70916319..25		70917580..93		70918888..13	
70914719..260		70916253..54		70916333..141		70917585..118		70918951..33	
70914732..260		70916255..36		70916381..131		70917585..120		70918951..128	
70914847..30		70916262..190		70916385..95		70917646..101		70918951..129	
70914847..40		70916269..81		70916389..64		70917648..99		70919005..42	
70914847..45		70916269..56		70916400..254		70917648..184		70919015..176	
70914847..183		70916269..57		70916414..12		70917648..198		70919040..43	
70914847..197		70916269..26		70916543..27		70917648..201		70919048..56	
70914847..198		70916271..216		70916543..28		70917663..99		70919064..149	
70914847..201		70916271..259		70916584..209		70917666..94		70919116..221	
70914847..201		70916271..81		70916584..205		70917666..99		70919127..35	
70914847..161		70916271..92		70916589..12		70917666..184		70919134..92	
70914875..97		70916271..94		70916622..228		70917666..186		70919134..93	
70915228..95		70916271..70		70916622..243		70917666..188		70919134..26	
70915274..220		70916271..25		70916622..253		70917673..54		70919134..42	
70915276..105		70916271..25		70916622..63		70917673..55		70919134..13	
70915343..188		70916271..30		70916630..132		70917673..13		70919134..140	
70915406..35		70916271..31		70916803..255		70917673..21		70919172..35	

NUMERICAL INDEX

Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page
70919173..65		70920583..216		70921118..155		70921597..214		70922726..240	
70919183..52		70920583..221		70921140..105		70921597..218		70922747..43	
70919224..41		70920583..230		70921174..231		70921597..69		70922763..214	
70919226..72		70920583..231		70921174..236		70921597..72		70922763..101	
70919227..41		70920583..231		70921174..69		70921597..12		70922763..64	
70919228..70		70920583..232		70921174..194		70921597..141		70922763..216	
70919230..52		70920583..242		70921174..105		70921702..251A		70922763..218	
70919230..56		70920583..185		70921184..131		70921727..130		70922763..218	
70919232..25		70920583..148		70921185..126		70921855..8		70922763..229	
70919262..167		70920583..155		70921185..129		70921865..33		70922763..230	
70919287..25		70920583..169		70921185..131		70921880..231		70922763..70	
70919293..33		70920583..129		70921186..131		70921883..209		70922763..175	
70919332..96		70920583..130		70921186..137		70921883..205		70922763..178	
70919342..191		70920585..233		70921203..178		70921883..198		70922763..179	
70919347..16		70920585..154		70921203..145		70921883..201		70922763..196	
70919351..135		70920594..29		70921204..172		70921884..48		70922763..142	
70919423..52		70920647..181		70921204..102		70921885..68		70922763..160	
70919439..119		70920648..103		70921206..31		70921885..48		70922763..119	
70919439..120		70920649..52		70921206..173		70921886..172		70922763..120	
70919440..235		70920682..33		70921206..178		70921910..43		70922763..129	
70919497..126		70920690..129		70921206..180		70921911..256		70922831..8	
70919497..129		70920700..56		70921206..145		70921912..104		70922832..8	
70919497..132		70920751..192		70921206..171		70921912..148		70922843..43	
70919503..137		70920794..8		70921206..172		70921913..179		70922848..159	
70919615..192		70920795..8		70921214..102		70921913..155		70922848..160	
70919621..177		70920944..8		70921214..104		70921914..70		70922849..155	
70919785..172		70920945..8		70921214..69		70921915..68		70922887..212	
70919800..47		70920945..8		70921214..178		70922028..225		70922887..213	
70919840..81		70920946..8		70921214..149		70922066..36		70922902..71	
70919840..57		70920952..8		70921214..171		70922088..243		70922925..230	
70919840..38		70920953..8		70921214..172		70922088..255		70922925..232	
70919840..40		70920972..8		70921216..69		70922195..177		70922932..251A	
70919840..41		70920973..8		70921217..178		70922198..41		70922967..132	
70919840..16		70920978..8		70921217..145		70922211..221		70922996..103	
70919840..149		70920978..8		70921227..102		70922286..98		70923014..212	
70919843..139		70920986..8		70921227..178		70922287..218		70923174..102	
70919982..119		70920992..242		70921227..149		70922287..98		70923186..8	
70920145..190		70920995..216		70921230..209		70922287..67		70923193..27	
70920263..53		70920995..217		70921235..173		70922287..154		70923193..28	
70920275..205		70920995..101		70921273..215		70922300..216		70923212..226	
70920275..209		70920996..160		70921299..25		70922300..217		70923212..251	
70920275..42		70921076..218		70921311..226		70922300..230		70923251..8	
70920333..36		70921076..232		70921318..145		70922300..239		70923263..8	
70920333..13		70921076..240		70921332..172		70922300..65		70923341..243	
70920398..52		70921076..101		70921339..52		70922300..174		70923341..253	
70920399..52		70921076..62		70921339..51		70922300..149		70923341..63	
70920399..51		70921076..64		70921343..141		70922300..119		70923376..10	
70920403..54		70921076..28		70921349..69		70922300..120		70923376..22	
70920411..47		70921076..37		70921382..231		70922300..129		70923376..135	
70920416..26		70921076..174		70921396..181		70922300..130		70923376..140	
70920416..31		70921076..148		70921403..72		70922300..131		70923379..153	
70920416..13		70921076..149		70921422..232		70922300..132		70923459..158	
70920428..236		70921076..160		70921556..104		70922304..154		70923510..255	
70920428..240		70921076..163		70921556..62		70922355..8		70923539..68	
70920437..255		70921076..164		70921556..72		70922357..8		70923539..47	
70920469..57		70921076..164		70921556..36		70922419..186		70923558..135	
70920473..43		70921076..117		70921565..216		70922419..188		70923559..169	
70920473..14		70921076..129		70921565..217		70922421..218		70923559..172	
70920523..249		70921104..132		70921565..238		70922465..33		70923559..140	
70920525..40		70921113..242		70921565..27		70922510..164		70923560..167	
70920528..119		70921116..174		70921566..226		70922526..142		70923561..172	
70920540..33		70921116..177		70921566..99		70922577..48		70923562..152	
70920541..33		70921116..179		70921566..52		70922632..104		70923565..167	
70920574..33		70921116..148		70921566..128		70922660..51		70923566..171	
70920582..233		70921116..149		70921566..129		70922673..105		70923571..171	
70920582..102		70921116..164		70921566..131		70922694..238		70923574..10	
70920582..148		70921117..179		70921569..148		70922694..239		70923574..152	
70920582..155		70921117..155		70921569..155		70922704..249		70923578..155	
70920582..171		70921117..156		70921569..155		70922711..229		70923578..171	
70920582..129		70921118..148		70921569..156		70922726..236		70923579..153	

NUMERICAL INDEX

Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page
70923580..135		70924816..81		70925995..147		70927470..193		70928879..21	
70923582..142		70924840..147		70925997..147		70927477..138		70928893..147	
70923584..103		70924843..232		70925997..147		70927484..231		70928893..147	
70923589..10		70924843..159		70926020..256A		70927484..119		70928919..256A	
70923641..129		70924843..163		70926024..249		70927485..104		70928919..251A	
70923645..150		70924843..164		70926049..230		70927536..155		70928927..129	
70923645..152		70924847..109		70926049..230		70927656..119		70928931..251	
70923645..167		70924851..177		70926170..109		70927656..120		70928947..42	
70923663..121		70924944..88		70926171..109		70927694..210		70929008..251A	
70923664..176		70924944..9		70926191..154		70927694..202		70929011..155	
70923664..179		70924958..255		70926192..187		70927694..206		70929100..48	
70923664..195		70925042..101		70926192..149		70927694..198		70929104..172	
70923664..155		70925042..183		70926192..137		70927696..11		70929117..229	
70923664..156		70925063..256		70926262..221		70927696..18		70929138..101	
70923683..214		70925092..104		70926274..169		70927783..210		70929146..35	
70923683..228		70925093..241		70926308..251		70927783..202		70929157..253	
70923683..241		70925093..242		70926339..219		70927783..206		70929158..252	
70923683..179		70925094..209		70926391..161		70927783..199		70929194..205	
70923683..109		70925094..202		70926392..165		70927801..39		70929194..209	
70923683..118		70925094..205		70926611..171		70927978..71		70929194..198	
70923683..132		70925094..230		70926612..171		70928043..214		70929194..201	
70923718..174		70925094..233		70926617..173		70928043..101		70929233..129	
70923718..177		70925094..244		70926800..153		70928043..101		70929234..129	
70923718..179		70925094..253		70926801..150		70928084..8		70929241..197	
70923718..148		70925094..256		70926804..135		70928096..8		70929241..201	
70923718..149		70925094..52		70926805..135		70928115..8		70929247..103	
70923718..160		70925094..31		70926807..150		70928176..251		70929292..43	
70923718..163		70925094..179		70926809..150		70928176..256		70929293..64	
70923718..164		70925094..198		70926810..153		70928182..101		70929416..56	
70923719..169		70925094..129		70926813..151		70928182..179		70929548..135	
70923811..173		70925094..137		70926814..157		70928182..180		70929611..194	
70923813..40		70925161..241		70926816..147		70928182..186		70929613..257	
70923813..10		70925166..149		70926821..169		70928202..59		70929847..37	
70923813..172		70925225..198		70926827..152		70928212..27		70929849..36	
70923813..171		70925225..201		70926835..167		70928313..106		70929849..37	
70923814..10		70925227..42		70926840..165		70928314..106		70929915..249	
70923815..10		70925295..68		70926865..161		70928315..106		70930213..256	
70923815..14		70925295..48		70926908..242		70928347..106		70930329..147	
70923816..10		70925342..64		70926917..230		70928380..129		70930350..209	
70923820..10		70925369..244		70926919..252		70928422..218		70930350..205	
70923856..195		70925369..250		70927026..173		70928434..209		70930350..198	
70923884..101		70925369..251		70927174..174		70928434..205		70930350..201	
70923906..252		70925425..231		70927174..179		70928434..183		70930351..209	
70923909..154		70925433..261		70927175..256		70928438..65		70930351..205	
70923944..135		70925436..261		70927180..213		70928454..43		70930351..198	
70923945..172		70925442..256A		70927212..117		70928460..104		70930351..201	
70923945..172		70925453..150		70927257..241		70928460..72		70930351..201	
70923950..169		70925604..119		70927264..132		70928460..148		70930416..238	
70923988..171		70925613..230		70927278..150		70928460..155		70930506..49	
70924003..167		70925613..232		70927279..150		70928474..242		70930705..29	
								70930904..113	
70924026..180		70925615..63		70927295..173		70928474..132		70930904..115	
70924038..172		70925616..118		70927303..151		70928583..172		70930924..27	
70924068..106		70925616..119		70927324..233		70928595..243		70930924..27	
70924130..213		70925616..119		70927370..129		70928604..172		70930984..110	
70924130..160		70925616..120		70927382..109		70928605..171		70930984..113	
70924139..43		70925617..251		70927382..109		70928623..229		70930984..115	
70924139..10		70925617..132		70927382..109		70928623..129		70930998..219	
70924180..176		70925620..230		70927384..43		70928624..131		70930998..238	
70924192..148		70925621..149		70927400..230		70928624..132		70930998..69	
70924192..155		70925621..130		70927400..240		70928625..209		70931133..135	
								70931134..135	
70924193..148		70925631..190		70927400..104		70928625..205		70931135..135	
70924193..155		70925751..212		70927400..179		70928625..198		70931189..135	
70924200..149		70925751..221		70927401..229		70928625..201		70931231..161	
70924236..172		70925757..57		70927401..230		70928740..51		70931398..225	
70924237..229		70925758..36		70927401..179		70928799..241		70931653..181	
70924353..256A		70925761..109		70927401..126		70928800..241		70931670..222	
70924621..171		70925767..165		70927401..132		70928802..223		70931742..238	
70924673..31		70925835..149		70927425..147		70928845..218		70931742..69	
70924796..195		70925837..35		70927450..47		70928861..60		70931853..175	
70924797..189		70925881..155		70927454..232		70928861..129		70931905..110	

NUMERICAL INDEX

Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page
70931905..115		73019133..177		73035719..87		73044485..93		73045975..151	
70932844..251A		73019133..160		73035739..87		73044485..9		73045977..151	
70932869..122		73019330..62		73035745..87		73044486..93		73045977..151	
70932930..193		73020748..101		73035745..9		73044487..93		73046008..90	
70932936..109		73020886..95		73035864..89		73044489..93		73046029..86	
70932937..109		73021038..81		73035950..68		73044489..9		73046029..9	
70932979..221		73021041..73		73037183..234		73044493..93		73046117..172	
70933010..164		73021041..75		73037183..251		73044546..143		73046149..220	
70933010..106		73021041..9		73037507..109		73044690..171		73046249..213	
70933010..109		73021053..89		73038626..105		73044692..171		73046252..221	
70933023..109		73021053..9		73038626..107		73044695..172		73046254..160	
70933028..194		73021056..9		73038627..105		73044696..172		73046260..213	
70933037..233		73021058..93		73038627..107		73044717..221		73046260..160	
70933288..221		73021058..9		73038633..105		73044729..172		73046271..212	
70933288..222		73021060..89		73038633..107		73044730..172		73046273..213	
70933385..45		73021062..109		73038843..107		73044733..171		73046279..142	
70933487..81		73021091..81		73038844..107		73044734..171		73046284..164	
70933699..220		73021094..89		73038927..181		73044735..171		73046315..213	
71005917..179		73021170..93		73038933..181		73044744..172		73046315..160	
71006992..235		73021334..234		73039013..181		73044745..172		73046317..213	
73001171..101		73021334..251		73039071..236		73044746..172		73046317..160	
73001171..183		73021657..67		73039072..236		73044748..173		73046338..109	
73001171..186		73021696..67		73039643..237		73044749..173		73046394..142	
73001171..188		73022056..105		73040013..250		73044754..173		73046489..118	
73001565..95		73024079..214		73040937..234		73044758..173		73046497..235	
73001622..147		73024383..239		73040937..251		73044759..173		73046508..169	
73001717..150		73024932..242		73041456..73		73044791..169		73046509..169	
73003883..143		73025958..186		73041531..211		73044810..231		73046520..171	
73003884..143		73025958..188		73041822..63		73044810..235		73046521..157	
73003885..143		73026156..90		73041952..94		73044949..91		73046581..118	
73003886..143		73026156..9		73042151..87		73044963..213		73046614..141	
73003888..144		73026172..70		73042151..9		73044963..160		73046710..221	
73003891..144		73026368..62		73042646..218		73044963..109		73046772..8	
73003893..143		73027397..152		73042698..109		73045027..212		73046772..145	
73003894..144		73027401..152		73043399..141		73045027..221		73046776..8	
73003933..144		73027549..211		73043418..239		73045033..221		73046776..145	
73005005..155		73028393..68		73043522..106		73045038..220		73046823..131	
73006439..148		73029259..132		73043676..183		73045039..220		73046881..211	
73006439..155		73029259..132		73043676..183		73045041..220		73047023..107	
73006597..144		73029842..120		73043676..184		73045043..221		73047028..73	
73006797..119		73029843..118		73043676..186		73045045..221		73047031..73	
73006797..120		73029930..52		73043676..188		73045054..221		73047033..74	
73006799..119		73029930..131		73043841..238		73045085..221		73047036..74	
73006799..120		73029971..211		73044030..157		73045092..161		73047038..74	
73007065..185		73031012..212		73044031..157		73045111..220		73047040..75	
73007065..187		73031151..70		73044036..158		73045137..147		73047041..75	
73007065..142		73031609..132		73044045..157		73045211..147		73047042..75	
73007115..119		73031609..132		73044047..157		73045248..205		73047043..75	
73007115..120		73031667..231		73044047..158		73045248..209		73047049..77	
73008046..239		73031667..129		73044047..158		73045248..196		73047149..94	
73010158..169		73031846..93		73044104..155		73045324..169		73047218..131	
73010159..169		73031847..93		73044216..171		73045495..165		73047229..118	
73010347..162		73031847..9		73044225..169		73045513..256		73047231..119	
73010347..109		73032165..109		73044365..143		73045515..164		73047234..119	
73012488..119		73032937..113		73044391..81		73045516..164		73047235..119	
73012490..121		73033044..75		73044404..86		73045520..8		73047343..155	
73012494..213		73033336..140		73044430..77		73045520..164		73047354..215	
73013568..164		73033337..140		73044431..77		73045531..65		73047354..240	
73013909..94		73033340..140		73044432..74		73045542..8		73047354..69	
73014042..121		73033342..140		73044436..81		73045542..164		73047415..142	
73014043..121		73034381..211		73044438..79		73045543..8		73047421..132	
73014044..121		73034382..211		73044449..77		73045543..164		73047423..131	
73014045..121		73034558..243		73044457..87		73045621..151		73047450..65	
73014046..121		73034558..179		73044456..79		73045633..251		73047482..211	
73014226..67		73034566..243		73044473..92		73045733..176		73047506..129	
73014549..67		73034566..179		73044474..92		73045733..155		73047510..12	
73017118..95		73035268..236		73044474..9		73045834..65		73047515..69	
73017119..95		73035268..240		73044478..93		73045859..155		73047537..147	
73018397..150		73035714..87		73044479..93		73045861..169		73047637..213	
73018397..153		73035714..9		73044480..93		73045864..154		73047638..213	

NUMERICAL INDEX

Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page
73047639..213		73048095..144		73048836..92		73053224..101		73055536..253	
73047640..213		73048096..143		73048839..93		73053306..101		73055537..253	
73047646..213		73048097..144		73048858..60		73053308..101		73055601..1	
73047664..77		73048099..143		73048860..101		73053356..162		73055668..158	
73047665..77		73048109..101		73048917..218		73053357..161		73055738..67	
73047665..81		73048112..239		73048945..70		73053359..162		73055789..165	
73047665..81		73048113..101		73048968..142		73053418..165		73055810..160	
73047665..81		73048117..8		73048971..141		73053433..165		73055838..147	
73047666..90		73048117..177		73048988..142		73053434..166		73055850..71	
73047671..77		73048121..176		73048990..141		73053459..169		73056138..149	
73047672..77		73048123..209		73050034..104		73053514..167		73056153..127	
73047673..77		73048123..202		73050055..147		73053524..101		73056154..127	
73047678..79		73048123..205		73050090..177		73053540..68		73056372..142	
73047684..79		73048123..231		73050091..177		73053604..169		73056488..9	
73047685..79		73048123..199		73050092..8		73053695..169		73056488..166	
73047686..79		73048124..101		73050092..176		73053697..169		73056493..9	
73047687..79		73048125..176		73050100..177		73053700..169		73056493..162	
73047689..79		73048128..101		73050101..176		73053758..135		73056530..71	
73047690..79		73048259..99		73050102..176		73053759..135		73056531..71	
73047696..81		73048264..99		73050105..242		73053765..9		73056654..218	
73047697..80		73048269..144		73050123..94		73053765..158		73056676..253	
73047698..9		73048270..144		73050124..95		73053806..169		73056685..105	
73047703..82		73048271..143		73050191..119		73053891..164		73056758..71	
73047703..84		73048278..144		73050191..120		73053886..161		73056759..71	
73047706..84		73048279..144		73050282..68		73053921..127		73056793..151	
73047707..84		73048317..135		73050295..137		73053977..162		73056852..71	
73047708..84		73048318..135		73050381..142		73054055..129		73056857..71	
73047709..83		73048319..135		73050388..141		73054073..165		73056863..71	
73047709..85		73048320..135		73050464..73		73054108..166		73056864..71	
73047710..83		73048321..135		73050475..104		73054150..147		73056865..71	
73047710..85		73048322..135		73050497..155		73054377..172		73056866..71	
73047711..83		73048330..171		73050498..155		73054486..161		73056967..218	
73047711..85		73048334..142		73050567..150		73054488..165		73057071..105	
73047712..83		73048335..142		73050568..150		73054500..105		73057081..183	
73047712..85		73048336..142		73050569..150		73054504..231		73057085..183	
73047723..83		73048337..142		73050570..150		73054504..184		73057106..184	
73047724..83		73048338..135		73050571..150		73054504..186		73057108..184	
73047724..9		73048338..135		73050682..150		73054504..188		73057142..252	
73047729..83		73048340..135		73050683..150		73054571..167		73057188..202	
73047730..83		73048342..135		73051332..221		73054589..109		73057188..206	
73047731..83		73048344..135		73051332..240		73054594..64		73057197..202	
73047733..86		73048345..135		73051703..216		73054638..160		73057197..206	
73047734..86		73048346..135		73051704..8		73054694..141		73057198..202	
73047736..87		73048352..177		73051704..159		73054723..177		73057198..206	
73047737..86		73048354..177		73051800..77		73054770..173		73057225..254	
73047739..87		73048376..135		73051812..210		73054784..104		73057227..254	
73047740..87		73048386..135		73051912..206		73054808..93		73057304..188	
73047741..81		73048388..135		73051812..171		73054871..153		73057305..186	
73047741..9		73048414..82		73051813..210		73054872..153		73057305..188	
73047743..81		73048418..87		73051813..206		73054873..153		73057310..186	
73047746..89		73048425..73		73051813..171		73054874..153		73057310..188	
73047749..89		73048425..9		73051895..254		73054875..153		73057311..188	
73047761..97		73048521..94		73051981..172		73054876..153		73057312..188	
73047762..97		73048598..160		73052008..251		73055076..81		73057338..183	
73047763..97		73048599..160		73052008..251A		73055085..97		73057339..184	
73047765..97		73048614..104		73052008..253		73055085..9		73057339..163	
73047770..89		73048639..64		73052021..211		73055106..147		73057340..183	
73047771..89		73048707..101		73052024..216		73055109..147		73057345..184	
73047772..89		73048708..101		73052091..63		73055173..212		73057395..106	
73047933..64		73048712..241		73052340..174		73055228..76		73057398..106	
73047988..147		73048729..72		73052340..159		73055245..67		73057399..106	
73048016..8		73048730..72		73052340..160		73055272..256		73057400..106	
73048016..177		73048741..138		73052340..163		73055272..104		73057401..106	
73048036..158		73048748..138		73052493..147		73055289..68		73057431..205	
73048037..157		73048750..9		73052615..231		73055292..69		73057431..209	
73048039..158		73048750..138		73052615..231		73055321..147		73057432..210	
73048040..158		73048753..144		73052661..171		73055371..141		73057432..202	
73048070..153		73048754..144		73052785..151		73055458..1		73057432..206	
73048073..153		73048782..92		73052870..161		73055488..69		73057432..198	
73048094..144		73048782..9		73052942..165		73055535..253		73057436..244	

NUMERICAL INDEX

Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page
73057436..180		73058056..245		73058527..229		73058963..202		73059196..143	
73057480..70		73058063..137		73058528..229		73058963..206		73059197..143	
73057485..70		73058073..243		73058529..229		73058963..199		73059198..143	
73057492..132		73058090..161		73058531..229		73058974..209		73059200..143	
73057502..171		73058095..162		73058567..183		73058974..205		73059202..144	
73057505..243		73058096..162		73058568..177		73058974..198		73059204..144	
73057506..230		73058097..161		73058569..177		73058974..201		73059213..209	
73057506..101		73058098..161		73058587..230		73058975..209		73059213..205	
73057509..105		73058106..202		73058588..183		73058975..205		73059268..109	
73057510..105		73058106..206		73058593..183		73058975..198		73059270..239	
73057512..245		73058126..256		73058598..223		73058975..201		73059309..232	
73057513..219		73058162..214		73058599..183		73058978..205		73059335..161	
73057523..205		73058209..171		73058651..229		73058978..209		73059354..165	
73057523..209		73058210..171		73058687..172		73058978..198		73059401..140	
73057547..209		73058211..183		73058688..172		73058978..201		73059403..140	
73057547..205		73058282..129		73058689..172		73058979..205		73059406..140	
73057569..256		73058294..172		73058700..8		73058979..209		73059407..140	
73057571..105		73058298..253		73058700..155		73058979..198		73059408..140	
73057583..196		73058299..151		73058712..252		73058979..201		73059409..139	
73057622..230		73058299..158		73058713..253		73058980..205		73059409..140	
73057623..143		73058307..210		73058731..256A		73058980..209		73059410..140	
73057624..144		73058307..206		73058731..256		73058981..209		73059411..140	
73057635..228		73058320..147		73058782..86		73058981..205		73059412..140	
73057638..228		73058322..147		73058783..86		73058981..198		73059455..258	
73057639..228		73058324..9		73058793..84		73058981..201		73059455..246	
73057640..228		73058324..147		73058793..9		73058982..209		73059477..258	
73057642..245		73058326..146		73058800..93		73058982..205		73059477..246	
73057686..107		73058327..140		73058834..68		73058982..198		73059492..214	
73057687..107		73058340..256A		73058834..8		73058982..201		73059604..249	
73057766..101		73058341..256A		73058879..253		73058983..209		73059605..249	
73057767..230		73058342..256A		73058880..253		73058983..205		73059606..257	
73057767..261		73058345..256A		73058882..139		73058983..198		73059621..249	
73057770..227		73058346..256A		73058884..256		73058983..201		73059627..249	
73057773..256		73058347..256B		73058894..197		73058984..209		73059633..254	
73057784..213		73058348..256A		73058894..201		73058984..205		73059670..249	
73057790..212		73058383..228		73058896..198		73058984..198		73059681..1	
73057841..72		73058439..183		73058896..201		73058984..201		73059683..254	
73057860..185		73058457..205		73058897..198		73058985..209		73059759..35	
73057860..187		73058457..209		73058897..201		73058985..205		73059760..35	
73057866..186		73058478..173		73058902..197		73058985..9		73059761..35	
73057866..188		73058478..172		73058902..201		73058985..198		73059762..35	
73057868..202		73058479..171		73058910..219		73058985..201		73059765..137	
73057868..206		73058480..171		73058910..228		73059021..209		73059774..257	
73057868..186		73058481..173		73058910..245		73059021..202		73059831..258	
73057868..188		73058482..171		73058917..243		73059021..205		73059832..258	
73057869..202		73058484..172		73058919..243		73059021..199		73059832..253	
73057869..206		73058486..172		73058931..198		73059028..210		73059873..235	
73057869..186		73058487..172		73058931..201		73059028..206		73059873..251	
73057869..188		73058488..172		73058934..198		73059030..138		73059875..251	
73057870..186		73058492..210		73058934..201		73059047..120		73059875..251A	
73057870..188		73058492..206		73058935..197		73059054..138		73059884..251	
73057872..202		73058492..171		73058935..201		73059055..138		73059884..253	
73057872..206		73058494..171		73058959..210		73059064..132		73059890..250	
73057875..202		73058495..210		73058959..202		73059065..131		73059891..250	
73057875..206		73058495..206		73058959..206		73059066..129		73059893..250	
73057876..202		73058495..171		73058959..198		73059067..129		73059894..250	
73057876..206		73058496..171		73058960..210		73059068..126		73059919..251	
73057879..186		73058497..210		73058960..202		73059069..131		73059920..250	
73057879..188		73058497..206		73058960..206		73059071..139		73059929..254	
73057952..179		73058497..171		73058960..198		73059074..139		73059930..254	
73057960..243		73058498..210		73058935..197		73059054..138		73059938..254	
73057966..196		73058498..206		73058935..201		73059055..138		73059939..254	
73057977..229		73058498..171		73058959..210		73059064..132		73059942..254	
73057997..132		73058499..210		73058959..202		73059065..131		73059952..257	
73058003..126		73058499..206		73058959..206		73059066..129		73059952..249	
73058015..219		73058499..171		73058959..198		73059067..129		73060174..226	
73058015..245		73058499..171		73058960..210		73059068..126		73060175..226	
73058049..226		73058500..171		73058960..202		73059069..131		73061046..255	
73058052..244		73058501..171		73058960..206		73059071..139		73061060..226	
73058052..250		73058503..171		73058962..199		73059074..139		73061126..127	
		73058504..171		73058962..210		73059076..139			
				73058961..210		73059078..242			
				73058961..202		73059079..198			
				73058961..206		73059079..201			
				73058961..9		73059113..218			
				73058961..199		73059146..94			
				73058962..210		73059179..143			
				73058962..202		73059181..184			
				73058962..206		73059193..143			
				73058962..199		73059195..232			
				73058963..210					

NUMERICAL INDEX

Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page
73061127..127		73061915..151		73062325..239		73063558..171		73065099..249	
73061191..249		73061964..175		73062354..172		73063605..225		73065137..102	
73061193..230		73061965..175		73062355..173		73063682..135		73065137..103	
73061193..101		73061968..79		73062356..173		73063683..9		73065150..145	
73061197..172		73062007..231		73062378..221		73063683..135		73065202..179	
73061198..172		73062007..132		73062378..222		73063684..9		73065213..179	
73061207..235		73062016..87		73062391..211		73063684..135		73065217..180	
73061208..235		73062017..91		73062472..132		73063690..135		73065296..99	
73061210..235		73062021..93		73062536..1		73063694..135		73065357..103	
73061234..249		73062024..87		73062537..1		73063700..109		73065358..103	
73061253..257		73062025..82		73062538..1		73063772..231		73065359..103	
73061253..249		73062025..9		73062539..1		73063827..174		73065413..81	
73061275..257		73062026..84		73062679..110		73063882..225		73065523..81	
73061276..257		73062026..9		73062726..216		73063883..225		73065638..181	
73061281..151		73062027..82		73062726..217		73063892..102		73065656..181	
73061282..148		73062027..84		73062754..142		73063896..102		73065660..181	
73061283..155		73062027..9		73062868..219		73063970..101		73065711..222	
73061360..72		73062031..91		73062868..221		73063995..101		73065779..77	
73061361..72		73062031..10		73062868..261		73064057..241		73065780..74	
73061377..249		73062032..91		73062921..217		73064069..241		73065780..79	
73061395..239		73062032..10		73062994..174		73064081..243		73065888..262	
73061398..239		73062033..91		73062995..174		73064083..241		73065888..63	
73061404..238		73062034..84		73063024..1		73064106..215		73066051..179	
73061405..238		73062036..85		73063052..225		73064149..119		73066077..179	
73061426..148		73062038..85		73063053..225		73064149..120		73066078..73	
73061427..148		73062039..85		73063053..258		73064150..119		73066079..73	
73061463..261		73062040..85		73063072..225		73064150..120		73066100..67	
73061484..62		73062041..82		73063131..225		73064151..119		73066384..255	
73061485..62		73062042..89		73063132..225		73064151..120		73066418..255	
73061486..62		73062043..89		73063137..225		73064154..119		73066424..255	
73061487..62		73062043..10		73063138..225		73064154..120		73066425..255	
73061515..149		73062044..89		73063139..225		73064155..119		73066426..255	
73061581..159		73062045..89		73063140..225		73064155..120		73066427..255	
73061581..164		73062047..89		73063168..225		73064220..179		73066428..255	
73061582..258		73062048..81		73063169..225		73064274..31		73066429..231	
73061591..160		73062049..81		73063170..225		73064290..178		73066441..155	
73061592..160		73062051..81		73063171..225		73064294..179		73066442..155	
73061593..160		73062051..10		73063185..225		73064304..179		73066465..155	
73061594..160		73062052..81		73063197..225		73064361..179		73066466..155	
73061609..216		73062053..83		73063198..225		73064445..249		73066470..176	
73061609..217		73062055..84		73063280..1		73064446..249		73066471..176	
73061631..164		73062057..83		73063281..1		73064447..248		73066487..242	
73061633..166		73062058..82		73063288..1		73064448..248		73066520..193	
73061679..164		73062060..82		73063290..1		73064449..248		73066524..193	
73061710..220		73062061..83		73063291..1		73064450..248		73066530..193	
73061731..249		73062062..83		73063293..1		73064471..194		73066540..193	
73061732..249		73062065..89		73063294..1		73064504..194		73066551..261	
73061750..157		73062066..89		73063301..1		73064553..194		73066551..243	
73061790..221		73062067..82		73063302..1		73064582..179		73066552..216	
73061792..172		73062067..10		73063303..1		73064635..179		73066552..217	
73061793..221		73062068..87		73063304..1		73064636..179		73066552..261	
73061794..218		73062069..87		73063343..225		73064638..179		73066553..261	
73061820..151		73062070..89		73063361..120		73064716..111		73066553..139	
73061829..1		73062071..79		73063365..147		73064717..111		73066554..258	
73061830..1		73062076..93		73063369..161		73064718..111		73066554..261	
73061837..1		73062078..82		73063370..165		73064721..111		73066555..258	
73061839..1		73062078..84		73063375..225		73064739..179		73066555..261	
73061840..1		73062079..90		73063376..93		73064794..81		73066556..258	
73061842..1		73062083..79		73063376..93		73064865..230		73066556..261	
73061843..1		73062086..259		73063378..93		73064865..232		73066557..221	
73061850..1		73062087..260		73063379..93		73064956..151		73066557..261	
73061852..1		73062091..9		73063379..9		73064958..118		73066564..180	
73061853..1		73062091..10		73063386..77		73064958..120		73066565..262	
73061888..219		73062168..1		73063388..74		73064959..151		73066565..142	
73061895..221		73062171..136		73063488..225		73065001..75		73066566..262	
73061897..216		73062176..173		73063489..225		73065002..76		73066566..142	
73061897..217		73062177..173		73063489..258		73065026..193		73066567..262	
73061907..255		73062178..173		73063513..225		73065066..193		73066567..142	
73061912..167		73062202..165		73063558..210		73065078..193		73066600..193	
73061913..167		73062208..161		73063558..206		73065080..133		73066603..164	

NUMERICAL INDEX

Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page
73066604..106		73067620..261		73067993..113		73068790..261		73100708..77	
73066605..109		73067620..186		73067996..113		73068791..1		73100709..77	
73066609..179		73067620..188		73067998..113		73068795..1		73100710..74	
73066657..63		73067621..218		73067999..113		73068866..115		73100727..153	
73066731..166		73067621..261		73068000..113		73068881..171		73100879..226	
73066732..166		73067625..261		73068003..113		73068882..210		73100880..226	
73066733..165		73067626..261		73068004..113		73068882..206		73103146..64	
73066734..165		73067631..122		73068005..113		73068988..109		73103486..133	
73066747..221		73067632..122		73068006..113		73069001..2568		73104109..152	
73066816..261		73067633..9		73068007..113		73069004..251A		73104114..152	
73066816..101		73067633..123		73068008..113		73069006..256A		73104115..152	
73066950..129		73067634..122		73068009..113		73069007..251A		73104116..152	
73066998..109		73067635..122		73068010..113		73069009..256A		73104118..152	
73067022..225		73067636..122		73068016..113		73069010..251A		73104120..153	
73067208..119		73067637..122		73068017..113		73069011..251A		73104122..153	
73067209..119		73067638..122		73068018..113		73069015..251A		73104123..152	
73067210..119		73067639..122		73068019..115		73069020..251A		73104124..152	
73067211..119		73067640..123		73068021..115		73069093..210		73104125..153	
73067214..129		73067641..123		73068022..115		73069093..206		73104126..153	
73067217..218		73067642..123		73068023..114		73069093..173		73104127..153	
73067218..218		73067643..123		73068024..115		73069094..210		73104128..153	
73067219..129		73067644..123		73068026..115		73069094..206		73104129..153	
73067225..231		73067646..122		73068028..115		73069094..171		73104130..153	
73067228..101		73067647..122		73068029..115		73069096..92		73104131..153	
73067229..122		73067648..122		73068030..115		73069097..80		73104132..153	
73067230..124		73067649..122		73068032..115		73069098..91		73104134..152	
73067231..125		73067650..122		73068033..115		73069107..111		73104135..152	
73067232..129		73067651..122		73068034..115		73069108..111		73104136..153	
73067262..230		73067652..122		73068035..115		73069129..113		73104138..152	
73067263..243		73067653..123		73068037..115		73069196..237		73104139..152	
73067265..241		73067654..123		73068038..114		73069218..1		73104143..153	
73067266..129		73067655..123		73068039..115		73069219..1		73104144..153	
73067267..218		73067656..123		73068040..115		73069238..237		73104145..153	
73067268..216		73067657..122		73068041..115		73069239..237		73104146..153	
73067268..261		73067660..125		73068043..115		73069240..237		73104283..231	
73067269..221		73067661..125		73068044..115		73069241..237		73104546..150	
73067269..261		73067663..125		73068045..115		73069267..256A		73104559..93	
73067270..261		73067681..241		73068046..115		73069269..2568		73104584..163	
73067270..244		73067712..215		73068047..115		73069270..215		73104585..156	
73067284..214		73067712..261		73068048..115		73069299..256		73104595..156	
73067294..262		73067954..109		73068049..115		73069301..231		73104596..156	
73067300..214		73067954..113		73068049..115		73069336..83		73104597..156	
73067315..216		73067956..109		73068051..115		73069336..85		73104600..163	
73067316..216		73067958..109		73068052..115		73069409..172		73104652..96	
73067325..153		73067962..109		73068244..226		73069421..81		73104653..96	
73067339..149		73067962..109		73068280..194		73069421..10		73104655..96	
73067340..149		73067962..113		73068320..226		73069439..76		73104656..96	
73067345..67		73067962..113		73068355..258		73069440..77		73104657..96	
73067346..174		73067963..109		73068363..76		73069442..92		73104658..97	
73067347..174		73067964..109		73068374..110		73069520..115		73104659..97	
73067349..1		73067964..118		73068415..119		73069544..115		73104660..97	
73067352..262		73067964..120		73068415..120		73069612..1		73104661..97	
73067452..1		73067965..109		73068518..113		73070124..115		73104662..97	
73067494..261		73067966..113		73068541..109		73070327..153		73104663..97	
73067494..9		73067969..113		73068554..232		73070385..153		73104664..97	
73067511..63		73067970..113		73068571..91		73070449..248		73104665..97	
73067517..81		73067971..113		73068572..80		73070450..248		73104666..97	
73067533..63		73067972..113		73068584..141		73070464..256A		73104667..97	
73067536..63		73067973..113		73068585..152		73070468..2568		73104668..97	
73067573..124		73067974..113		73068623..180		73070500..225		73104683..133	
73067574..124		73067974..115		73068642..152		73070500..261		73104684..133	
73067575..124		73067975..113		73068644..153		73070500..186		73104685..133	
73067602..218		73067976..113		73068645..153		73070500..188		73104692..104	
73067606..218		73067977..113		73068678..230		73070586..74		73104804..155	
73067606..261		73067978..113		73068679..233		73070598..77		73104804..159	
73067607..219		73067979..113		73068680..230		73070598..9		73104804..164	
73067607..261		73067980..113		73068786..261		73070693..93		73104814..163	
73067611..219		73067982..113		73068787..261		73071081..78		73105283..173	
73067611..261		73067982..113		73068788..261		73100089..153		73105916..142	
73067618..243		73067984..113		73068789..261		73100707..83		73106139..149	

NUMERICAL INDEX

Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page
74322027..39		74339021..33		74348218..11		74359776..48		74511213..49	
74335056..39A		74339022..33		74348244..14		74359869..11		74514091..36	
74335056..10		74339036..14		74348246..14		74359869..14		74514400..21	
74335067..25		74339037..14		74348825..39		74359870..11		74514780..47	
74335320..39		74339116..36		74348856..14		74359870..14		74516432..233	
74335451..70		74339118..37		74348857..14		74359947..41		74516821..24	
74335534..14		74339120..36		74348858..14		74359948..40		74660358..14	
74335550..25		74339123..33		74348859..14		74359964..14		74722511..98	
74335578..104		74339127..37		74348900..14		74359984..24		74791157..250	
74335623..38		74339128..33		74349157..24		74359985..24			
74335711..25		74339150..33		74349193..56		74362338..14			
74335712..25		74339150..10		74349257..23		74362458..11			
74335809..39A		74339151..37		74354163..26		74371107..38			
74335864..60		74339151..10		74354163..11		74371323..19			
74336129..21		74339198..33		74354175..14		74371324..19			
74336130..21		74339454..33		74354261..15		74371503..15			
74336131..21		74339458..51		74354304..25		74372325..33			
74336142..24		74339459..60		74354304..11		74372864..21			
74336148..10		74339511..38		74354305..26		74373069..11			
74336148..21		74339532..57		74354310..56		74373610..33			
74336156..40		74339533..56		74354414..26		74373612..33			
74336157..21		74339535..57		74354415..26		74373613..33			
74336178..21		74339535..38		74354415..11		74373614..33			
74336182..40		74339595..33		74354492..14		74375937..21			
74336182..10		74339606..57		74354537..41		74375953..57			
74336234..24		74339697..36		74354568..27		74376497..21			
74336250..45		74339698..36		74354656..30		74376749..33			
74336263..41		74339712..45		74354778..11		74376749..10			
74336263..10		74339949..47		74354778..18		74376749..21			
74336266..10		74341292..22		74356232..51		74378031..49			
74336432..14		74346100..14		74357336..57		74378031..10			
74336436..57		74346169..10		74357337..57		74379263..33			
74336436..10		74346246..26		74357346..57		74379263..33			
74336491..25		74346307..23		74357386..22		74379268..33			
74336506..40		74346441..10		74357701..37		74379269..33			
74336531..45		74346456..70		74357732..21		74380652..49			
74336532..45		74346456..70		74357981..60		74380656..49			
74336558..57		74346724..52		74358726..57		74380662..49			
74336609..22		74346744..39A		74358728..57		74386037..57			
74336646..24		74346744..10		74358754..41		74387529..236			
74336676..22		74347031..41		74358788..39		74388349..56			
74336777..60		74347031..10		74358840..22		74388568..232			
74336897..22		74347103..61		74358911..57		74388648..65			
74336897..10		74347103..61A		74358988..24		74390593..34			
74337602..41		74347120..10		74358989..24		74391160..14			
74337683..17		74347413..14		74359085..22		74393077..48			
74337684..17		74347416..14		74359112..21		74393349..29			
74337685..17		74347419..14		74359113..21		74393350..29			
74337686..17		74347543..30		74359115..21		74393351..29			
74337687..16		74347681..51		74359122..10		74393352..29			
74337688..16		74347714..52		74359122..11		74393353..29			
74337689..16		74347722..52		74359167..219		74393354..29			
74337690..16		74347781..60		74359192..21		74393359..27			
74337698..16		74347855..52		74359203..19		74393427..42			
74337699..16		74347855..52		74359222..18		74393504..42			
74337700..16		74347921..52		74359264..21		74393587..15			
74337715..16		74347924..19		74359280..39A		74394509..62A			
74337716..16		74348056..14		74359294..19		74394510..62A			
74337723..23		74348107..26		74359298..19		74394939..51			
74337740..31		74348126..10		74359310..27		74395024..27			
74337741..31		74348129..24		74359312..15		74395087..29			
74337764..10		74348130..24		74359345..43		74395089..29			
74337764..14		74348133..10		74359395..49		74395889..33			
74337972..11		74348136..26		74359646..21		74501149..45			
74337972..14		74348136..10		74359656..33		74504409..45			
74338143..24		74348184..33		74359666..48		74506737..36			
74338174..52		74348184..10		74359701..23		74507084..39			
74338299..23		74348185..36		74359725..38		74507359..45			
74338310..19		74348185..10		74359741..38		74507374..14			
74339017..18		74348215..11		74359741..10		74507673..14			

NUMERICAL INDEX

Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page
Late Additions									
70194541	.74	73069168	.77						
70248111	.251B	73069365	.147						
70254939	.251B	73069471	.211						
70254940	.251B	73070324	.153						
70254941	.251B	73070480	.251B						
70619260	.198	73070818	.241						
70678984	.169	73071238	.160						
70901838	.109	73071239	.160						
70910002	.24	73072772	.256D						
70910919	.24	73072904	.256D						
70910986	.24	73072905	.256D						
70911115	.198	73072906	.256D						
70912201	.24	73072907	.256D						
70913039	.24	73072908	.256D						
70915746	.251B	73072909	.256D						
70917495	.139	73072910	.256D						
70918308	.251B	73072911	.256D						
70920648	.24	73072912	.256D						
70921178	.214	73072913	.256D						
70921266	.72	73072914	.256D						
70921467	.160	73073212	.161						
70922463	.135	73103273	.211						
70926712	.214	74025191	.24						
70927218	.198	74254363	.24						
70927328	.214	74321227	.47						
70927340	.254	74321633	.31						
70927532	.214	74321634	.31						
70933844	.175	74321636	.31						
70934673	.256D	74321649	.24						
70934674	.256D	74321650	.24						
70934675	.256D	74321651	.24						
70934676	.256D	74321654	.198						
70934677	.256D	74321712	.198						
70934678	.256D	74321718	.21						
70934679	.256D	74322222	.24						
70934706	.251B	74335456	.24						
71006995	.251B	74336142	.24						
73007145	.109	74336646	.24						
73046521	.151	74338143	.24						
73057441	.230	74348129	.24						
73058807	.221A	74348130	.24						
73058809	.221A	74349157	.24						
73059003	.221A	74358988	.24						
73059153	.221A	74358989	.24						
73059350	.221A	74359984	.24						
73059352	.221A	74516821	.24						
73065000	.90								
73067342	.171								
73068027	.115								
73068364	.90								