

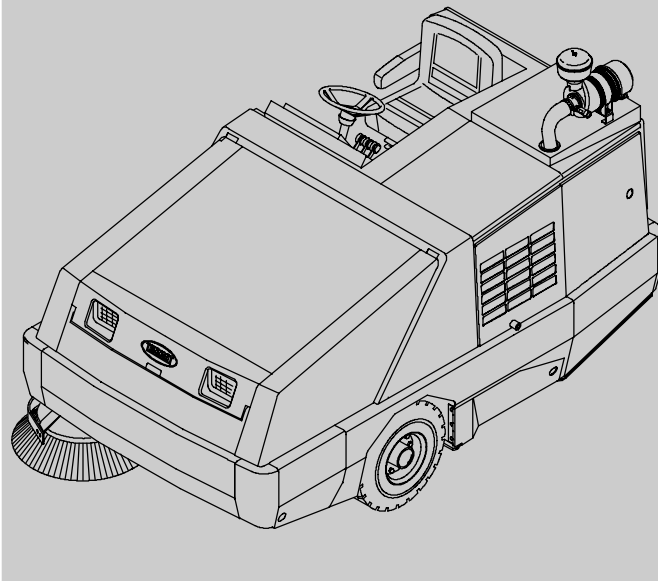
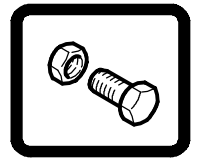


800

(Gas/LPG)

(004000-)

Sweeper Parts Manual



North America / International

www.tennantco.com

330120
Rev. 12 (03-2007)



When ordering replacement parts, use the illustrated parts list section in this manual. Before ordering parts or supplies, be sure to have your machine model number and serial number available. Only use TENNANT Company supplied or equivalent parts. Parts and supplies may be ordered online, by phone, or mail from any authorized parts and service center, distributor or from any of the manufacturer's subsidiaries.

This machine will provide excellent service. However, the best results will be obtained at minimum costs if:

- The machine is operated with reasonable care.
- The machine is maintained regularly - per the machine maintenance instructions provided.
- The machine is maintained with manufacturer supplied or equivalent parts.

MACHINE DATA

Please fill out at time of installation for future reference.

Model No. - _____

Serial No. - _____

Machine Options - _____

Sales Rep. - _____

Sales Rep. phone no. - _____

Customer Number - _____

Installation Date - _____

Tennant Company

PO Box 1452

Minneapolis, MN 55440

Phone: (800) 553-8033 or (763) 513-2850

www.tennantco.com

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Specifications and parts are subject to change without notice.

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HOW TO USE THIS MANUAL

This section on *HOW TO USE THIS MANUAL* will tell you how to:

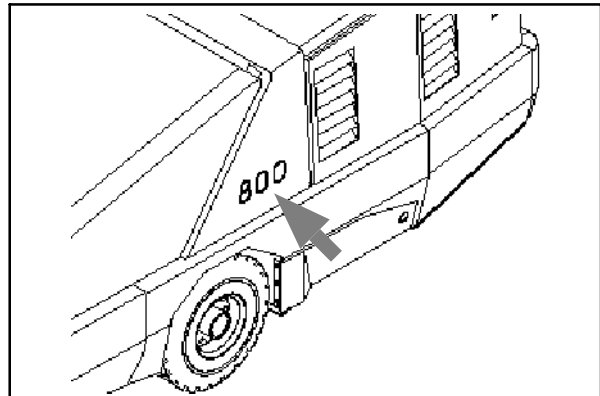
- Find important machine information for ordering correct repair parts.
- Find TENNANT part numbers.
- Order TENNANT parts and supplies.

IMPORTANT INFORMATION

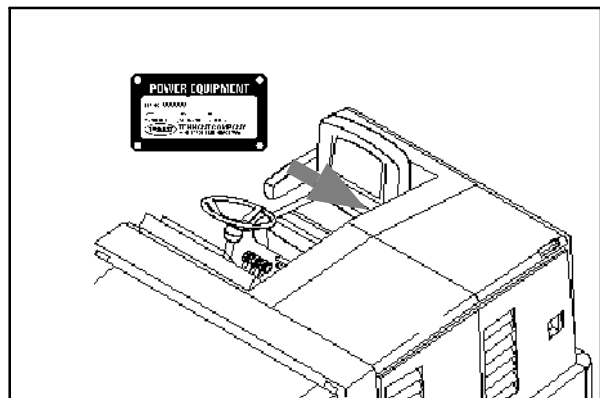
When placing an order for parts, the machine model and machine serial number are important. Refer to the *MACHINE DATA* box which is filled out during the installation of your machine. The *MACHINE DATA* box is located on the inside of the front cover of this manual.

MACHINE DATA	
<i>Please fill out this information for future forms.</i>	
Machine Model Number	800
Machine Serial Number	
Machine Name	
TENNANT Representative phone no.	
Customer ID Number	
Date of Installation	
Machine Number	330120
Revised by	DD
Published	5-87

The model number of your machine is on the side of the machine.



The serial number of your machine is printed on the machine data plate located as shown.



HOW TO USE THIS MANUAL

FINDING A TENNANT PART NUMBER

This manual contains the following sections:

- HOW TO USE THIS MANUAL
- STANDARD PARTS
- OPTIONS
- BREAKDOWNS
- PERKINS ENGINE BREAKDOWN
- CAT ENGINE BREAKDOWN
- CROSS REFERENCE

The STANDARD PARTS section lists repair parts for standard machines. They are grouped in this general order:

- General wear parts.
- Machine frame and related parts.
- Machine propelling system.
- Sweeping components.
- Electrical parts.

The OPTION section lists repair parts of options.

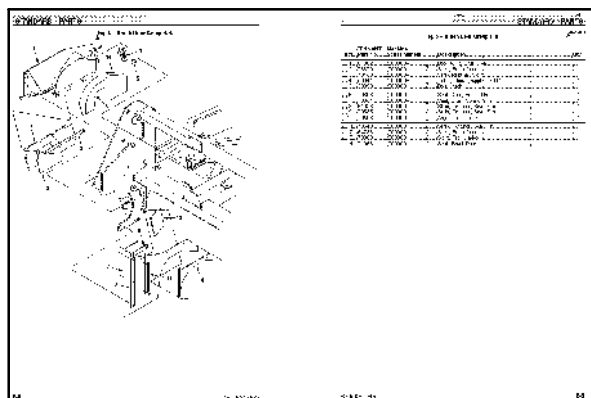
The BREAKDOWN section lists available repair parts of major components.

All sections in this manual consist of parts illustrations and corresponding parts lists.

The parts illustrations are numbered with **Ref** numbers which refer to corresponding parts lists.

The parts lists include a number of columns of information:

- **Ref** - column refers to the reference number on the parts illustration.
▽ - indicates the part is an assembly.
▲ - indicates the part is included in the assembly listed just before it.
- **TENNANT Part No.** - column lists the TENNANT part number for the part.
- **Serial Number** - column indicates the set of machines the part number is applicable to. Serial numbers change when the machine design has been modified. The most current design of the machine is shown in the main illustration, older designs are boxed in a corner of the illustration.
- **Description** - column is a brief description of the part.
- **Qty.** - column lists the quantity of that part used in that area of the machine.



TENNANT Machine				
Ref.	Part No.	Serial number	Description	Qty.
1	53670	000000	Repair Kit, Inst. Panel	1
2	53676	000000	Repair Kit, Case	1
3	53677	000000	Repair Kit, Seal	1
4	53674	000000	Repair Kit, Oil Brand	1
5	53678	000000	Repair Kit, Horns	1
6	53679	000000	Repair Kit, Tach Panel	1
7	53671	000000	Repair Kit, Lamp, Backlighting @	1
8	53672	000000	Repair Kit, Lamp @	1
9	13632-5	000000	Grommet, br, 0.25H, For 09Matl.	4
10	01509	000000	Switch, Rocker, Dpdt.	1
11	67607	000000	Cover, Rocker Switch Seal.	1
12	07006	000000	Switch, Ignition	1
13	87666	000000	Key Set, Switch R/L	1
14	72109	000000	Repair Kit, Sun Shield	1
15	65445	000000	Panel, Cover, Dash	1
16	73637	000000	Seal, Hardle, Valve	1

NOTE: Fasteners used in this machine may be metric or non-metric. Take care when replacing hardware to replace with same thread size.

Orders may be placed by phone, fax, or by mail. Phone orders may need written confirmation. Follow the steps below to insure prompt delivery:

- 1-3**

HOW TO USE THIS MANUAL

Any claim for loss or damage to a shipment in transit should be filed promptly with the transportation company making the delivery. Shipments will be complete unless the packing list or order acknowledgement indicates items back ordered.

If parts received are suspected to be incorrect or defective, please contact the TENNANT representative from whom you ordered the part. They will give authorization for return and/or handle replacement shipments when required.

SECTION 2

Contents	Page	Contents	Page
Fig. 1 - General Recommended Maintenance Items	2-4	Fig. 35 - Engine Electronic Fuel Ignition and Vaporizer Group, LPG (004937-005999)	2-72
Fig. 2 - Brushes, Replacement	2-5	Fig. 36 - Engine Electronic Fuel Ignition and Vaporizer Group, LPG (006000-006999)	2-74
Fig. 3 - Main Frame Skirt and Seals Group	2-6	Fig. 37 - Engine Electronic Fuel Ignition and Vaporizer Group, LPG (007000-)	2-78
Fig. 4 - Main Frame Left Brush Door Group	2-8	Fig. 38 - Engine Air Cleaner Group (004000-004936)	2-82
Fig. 5 - Main Frame Right Brush Door Group	2-10	Fig. 39 - Engine Air Cleaner Group (004937-005999)	2-84
Fig. 6 - Main Frame Operator Station Group	2-12	Fig. 40 - Engine Air Cleaner Group, Gas (006000-006999)	2-86
Fig. 7 - Main Frame Engine Cover and Lintel Group	2-14	Fig. 41 - Engine Air Cleaner Group, Gas (007000-)	2-88
Fig. 8 - Main Frame Engine Side Door Group (004000-006999)	2-16	Fig. 42 - Engine Air Cleaner Group, LPG (006000-006999)	2-90
Fig. 9 - Main Frame Engine Side Door Group (007000-)	2-18	Fig. 43 - Engine Air Cleaner Group, LPG (007000-)	2-92
Fig. 10 - Hydraulic Cooler, Filter and Rear Door Group	2-20	Fig. 44 - Engine Muffler Group (004000-004936)	2-94
Fig. 11 - Hopper Lift Arms Group	2-22	Fig. 45 - Engine Muffler Group, Catalytic (004937-005999)	2-96
Fig. 12 - Hopper Lift Cylinders Group	2-24	Fig. 46 - Engine Muffler Group, Catalytic (006000-006999)	2-98
Fig. 13 - Hopper Group	2-26	Fig. 47 - Engine Muffler Group, Catalytic (007000-)	2-100
Fig. 14 - Hopper Door Group	2-28	Fig. 48 - Engine Fuel Tank Group, Gas (004000-004936)	2-102
Fig. 15 - Hopper Cover Group	2-30	Fig. 49 - Engine Fuel Tank Group, Gas (004937-005999)	2-104
Fig. 16 - Hopper Bumper Group	2-32	Fig. 50 - Engine Fuel Tank Group, Gas (006000-006999)	2-106
Fig. 17 - Hopper Filter Shaker Group	2-34	Fig. 51 - Engine Fuel Tank Group, Gas (007000-)	2-108
Fig. 18 - Hopper Pressure Switch Group	2-36	Fig. 52 - Engine Fuel Tank Group, LPG (004000-004936)	2-110
Fig. 19 - Engine and Alternator Group (004000-004936)	2-38	Fig. 53 - Engine Fuel Tank Group, LPG (004937-005999)	2-112
Fig. 20 - Engine Mount Group (004000-004936)	2-40	Fig. 54 - Engine Fuel Tank Group, LPG (006000-006999)	2-114
Fig. 21 - Engine Group (004937-005999)	2-42	Fig. 55 - Engine Fuel Tank Group, LPG (007000-)	2-116
Fig. 22 - Engine Group (006000-006999)	2-44	Fig. 56 - Engine Radiator Hose Group (004000-004936)	2-118
Fig. 23 - Engine Group (007000-)	2-46	Fig. 57 - Engine Radiator Hose Group (004937-005999)	2-120
Fig. 24 - Engine Alternator Group (004937-005999)	2-50	Fig. 58 - Engine Radiator Hose Group (006000-006999)	2-122
Fig. 25 - Engine Alternator Group (006000-006999)	2-52	Fig. 59 - Engine Radiator Hose Group (007000-)	2-124
Fig. 26 - Engine Alternator Group (007000-)	2-54		
Fig. 27 - Engine Oil Filter and Drain Group (004937-)	2-56		
Fig. 28 - Engine Carburetor and Governor Group, Gasoline (004000-004936)	2-58		
Fig. 29 - Engine Electronic Fuel Ignition Group, Gas (004937-005999)	2-60		
Fig. 30 - Engine Electronic Fuel Ignition Group, Gas (006000-006999)	2-62		
Fig. 31 - Engine Electronic Fuel Ignition Group, Gas (007000-)	2-64		
Fig. 32 - Engine Carburetor and Governor Group, LPG (004000-004936)	2-66		
Fig. 33 - Engine Vaporizer Group, LPG (004000-004818)	2-68		
Fig. 34 - Engine Vaporizer Group, LPG (004819-004936)	2-70		

STANDARD PARTS

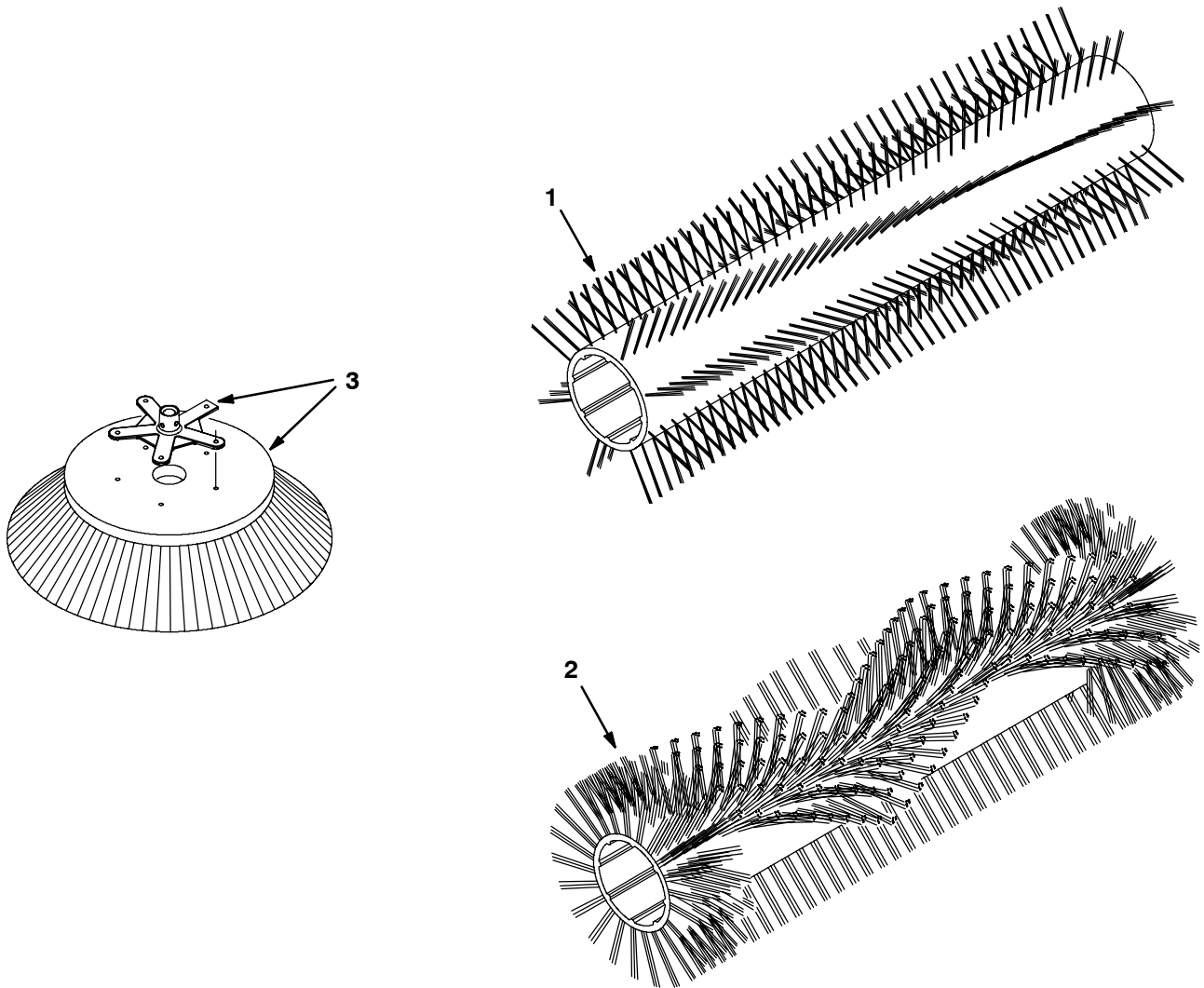
Contents	Page	Contents	Page
Fig. 60 - Engine Radiator and Cooling Fan Group (004000-006308)	2-126	Fig. 97 - Wire Harnesses Group, Gas/LPG, Injectors (006000-006999)	2-216
Fig. 61 - Engine Radiator and Cooling Fan Group (006309-006999)	2-128	Fig. 98 - Wire Harnesses Group, Gas/LPG Engine (007000-)	2-217
Fig. 62 - Engine Radiator and Cooling Fan Group (007000-)	2-130	Fig. 99 - Wire Harnesses Schematic, Gas Engine (007000-)	2-218
Fig. 63 - Engine Battery Group (006000-006999)	2-132	Fig. 100 - Wire Harnesses Schematic, LPG Engine (007000-)	2-221
Fig. 64 - Engine Battery Group (007000-)	2-134	Fig. 101 - Wire Harnesses Group, Gas/LPG, Adaptor (006000-006999)	2-224
Fig. 65 - Wheel Group, Rear Drive	2-136	Fig. 102 - Wire Harnesses Group, Gas/LPG, Adaptor (007000-)	2-226
Fig. 66 - Wheels and Brakes Group, Front	2-138	Fig. 103 - Label Group	2-228
Fig. 67 - Wheel Assembly	2-140		
Fig. 68 - Brake Pedals Group	2-142		
Fig. 69 - Directional Pedal Group	2-144		
Fig. 70 - Hydraulic Pumps Group	2-146		
Fig. 71 - Hydraulic Schematic	2-148		
Fig. 72 - Hydraulic Hose Group (004000-004936)	2-150		
Fig. 73 - Hydraulic Hose Group (004937-)	2-152		
Fig. 74 - Hydraulic Reservoir Group	2-154		
Fig. 75 - Hydraulic Solenoid Valve Group	2-156		
Fig. 76 - Hydraulic Lift Valve Group	2-158		
Fig. 77 - Brush Group, Side	2-160		
Fig. 78 - Brush Lift Group, Side	2-164		
Fig. 79 - Brush Drive Group, Main	2-168		
Fig. 80 - Brush Lift Group, Main	2-170		
Fig. 81 - Brush Adjustment Group, Main	2-172		
Fig. 82 - Vacuum Fan Impeller Group	2-174		
Fig. 83 - Vacuum Fan Motor Group	2-176		
Fig. 84 - Steering Group	2-178		
Fig. 85 - Electrical Instrument Panel Assembly	2-180		
Fig. 86 - Electrical Circuit Breaker and Relay Group	2-182		
Fig. 87 - Electrical Schematic (004000-004936)	2-183		
Fig. 88 - Electrical Schematic (004937-005999)	2-187		
Fig. 89 - Electrical Schematic (006000-)	2-192		
Fig. 90 - Electrical Schematic (006000-)	2-197		
Fig. 91 - Wire Harnesses Group, Gas/LPG, Main (004000- 004274)	2-198		
Fig. 92 - Wire Harnesses Group, Gas/LPG, Hopper (004000-)	2-202		
Fig. 93 - Wire Harnesses Group, Gas/LPG, Tail Lights (004000-)	2-203		
Fig. 94 - Wire Harnesses Group, Gas/LPG, Main (004275-004936)	2-204		
Fig. 95 - Wire Harnesses Group, Gas/LPG, Main (004937-)	2-208		
Fig. 96 - Wire Harnesses Group, Gas/LPG Engine (006000-006999)	2-213		



Fig. 1 - General Recommended Maintenance Items

Ref.	Part No.	Serial Number	Description	Qty.
▽	77632	(004000-	) Maintenance Kit, Skirts	1
▲	73870	(004000-	) Skirt, Brush Door	2
▲	64788	(004000-	) Skirt, Brush Door	2
▲	70453	(004000-	) Strip, Retainer, Skirt	2
▲	62955	(004000-	) Skirt, Seal, Main Brush	1
▲	62957	(004000-	) Channel, Retainer, Seal, Rear	1
▲	62954	(004000-	) Blade, Deflector	1
▲	62956	(004000-	) Strap, Retainer, Seal	1
▲	43500	(004000-	) Chain, Link#2/0, 7Links	1
▽	79032	(004000-	) Maintenance Kit, Skirts 800	1
▲	64919	(004000-	) Seal, Pan, Top	1
▲	64920	(004000-	) Channel, Retainer	1
▲	73654	(004000-	) Seal, Brush Comp, Side	2
▲	73888	(004000-	) Skirt, Front, Indoor	2
▽	380709	(004216-004936	) Maintenance Kit, 400HR 800/810 gas	1
▲	39703-2	(004000-	) Filter Element, Oil, Cont. Gas-SE	4
▲	60846	(004000-	) Spark Plug-10 FD	4
▲	84883	(004000-	) Valve, PCV	1
▲	36050	(004000-	) Filter, Fuel	2
▲	60933	(004000-	) Element, Filter, Air	1
▲	60934	(004000-	) Element, Filter, Air	1
▽	380710	(004216-004936	) Maintenance Kit, 400HR 800/810 lpg	1
▲	39703-2	(004000-	) Filter Element, Oil, Cont. Gas-SE	4
▲	60846	(004000-	) Spark Plug-10 FD	4
▲	84883	(004000-	) Valve, PCV	1
▲	60933	(004000-	) Element, Filter, Air	1
▲	60934	(004000-	) Element, Filter, Air	1
▽	77634	(004000-	) Maintenance Kit, 800HR 800/810	1
▲	34306	(004000-	) Breather, Hyd 40Mic NO DS	1
▲	31613	(004000-	) Strainer-Hyd Suction 25-100-03	1
▲	10664	(004000-	) Filter Assy, Spin-on	1
▲	65869-5	(004000-	) Fluid, Hyd Oil, SHP 15/40 5Gal	3

Fig. 2 - Brushes, Replacement



07628 - 800

Ref.	Part No.	Serial Number	Description	Qty.	
1	35326	(004000-	) Brush-Sweep -Polypropylene	1	
1	35324	(004000-	) Brush-Sweep -Polypropylene&Wire	1	
1	35327	(004000-	) Brush-Sweep -Wire	1	
1	35325	(004000-	) Brush-Outsd -Polypropylene	1	
1	35336	(004000-	) Brush-Patrl -Nylon	1	
1	35323	(004000-	) Brush-Sweep -Nylon	1	
2	370011	(004000-	) Brush, Swp, Wedge, Polypropylene	1	
▽	3	75011	(004000-	) Brush-Side Swp -Assy-Nylon	1
▲		51021N	(004000-	) Brush-Side Swp -Nylon	1
▲		1017575	(004000-	) Adaptor Weldm., Side Brush	1
▽	3	75010	(004000-	) Brush-Side Swp -Assy-Flat Wire	1
▲		51542	(004000-	) Brush-Side Swp -Flat Wire	1
▲		1017575	(004000-	) Adaptor Weldm., Side Brush	1
▽	3	70649	(004000-	) Brush-Side Swp -Assy-Polypropylene	1
▲		70538	(004000-	) Brush-Side Swp -Polypropylene	1
▲		1017575	(004000-	) Adaptor Weldm., Side Brush	1

Fig. 3 - Main Frame Skirt and Seals Group

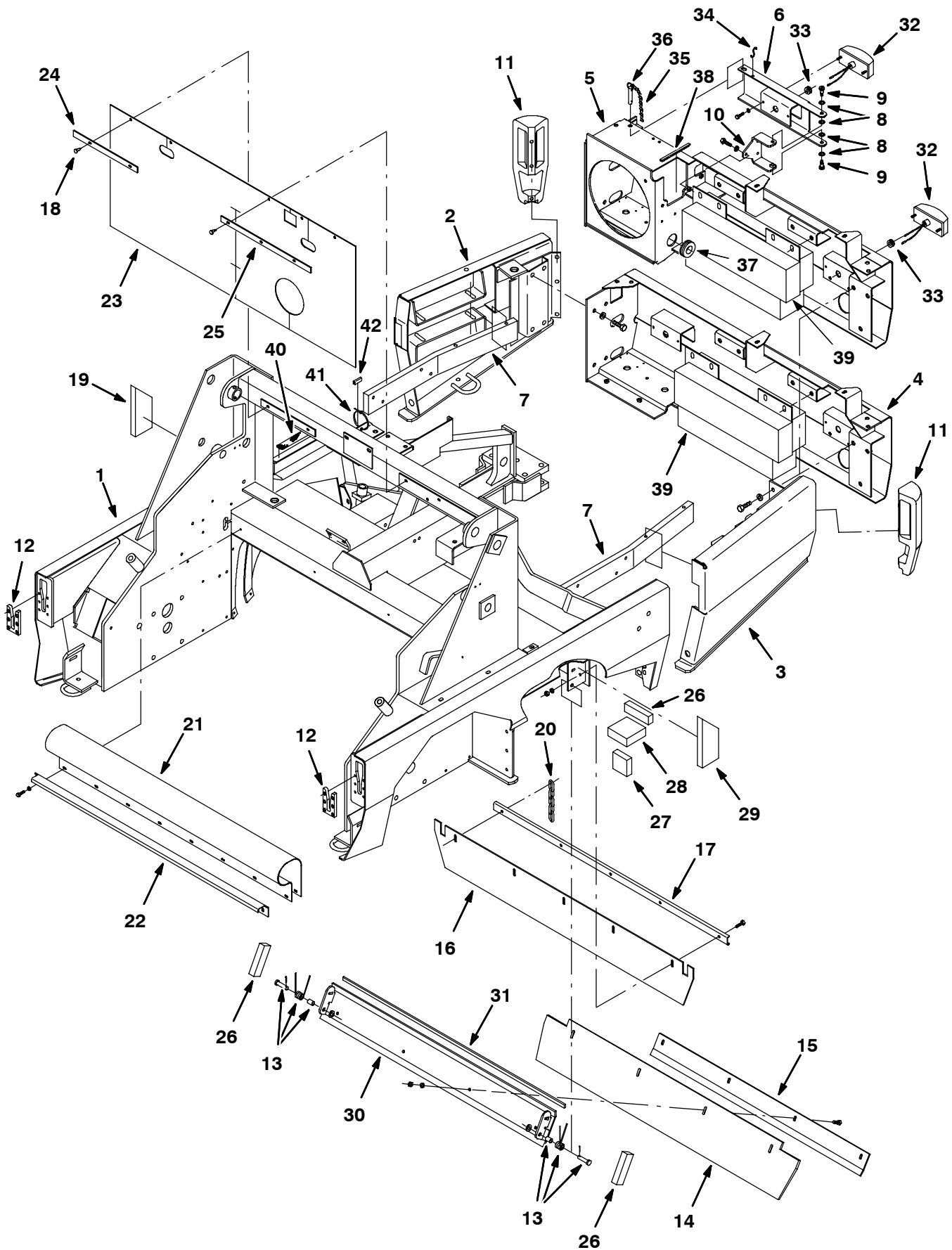


Fig. 3 - Main Frame Skirt and Seals Group

Ref.	Part No.	Serial Number	Description	Qty.
1	77777	(004000-	) Frame	1
2	77782	(004000-	) Panel Wldt, Rear, Rh	1
3	77734	(004000-	) Panel Wldt, Rear, Lh	1
4	79680	(004000-006999	) Bumper Wldt., Rear, Gas/Die	1
4	1028300	(007000-	) Bumper Wldt, Rear, Gas/Dsl	1
5	79681	(004000-006999	) Bumper Wldt., Rear, LPG	1
5	1032075	(007000-	) Bumper Wldt, Rear, Lpg	1
6	77680	(004000-	) Door, Bumper, Lpg	1
7	77593	(004000-	) Bar, Frame	2
8	86860	(004000-	) Bearing, Thrust .500	4
9	36758	(004000-	) Scr-Shld .500Dx0.50L .38-16	2
10	70517	(004000-	) Bracket	1
11	63544	(004000-	) Bumper, Corner, Mach	2
12	63663	(004000-	) Plate, Guide, Bumper	2
13	69904	(004000-	) Spring, Recirculation	1
14	62954	(004000-	) Blade, Deflector	1
15	62956	(004000-	) Strap, Retainer, Seal	1
16	62955	(004000-	) Skirt, Seal, Main Brush	1
17	62957	(004000-	) Channel, Retainer, Seal,Rear	1
18	21168	(004000-	) Clip, Pine-Tree .250h Plastic	5
19	74066	(004000-	) Insulation, S/Foam	1
20	43500	(004000-	) Chain,Link#2/0,7Links	1
21	64919	(004000-	) Seal, Pan, Top	1
22	64920	(004000-	) Channel, Retainer	1
23	73724	(004000-	) Shield, Dust	1
24	70843	(004000-	) Strip, Retainer, Shield, Rh	1
25	70844	(004000-	) Strip, Retainer, Shield, Lh	1
26	74064	(004000-	) Insulation, S/Foam	4
27	73863	(004000-	) Insulation, S/Foam 1.0X3.0X3.0	2
28	73862	(004000-	) Insulation, S/Foam 1.5X4.0X4.0	2
29	74067	(004000-	) Insulation, S/Foam	1
30	73645	(004000-	) Channel, Mounting	1
31	79010	(004000-	) Seal	1
▽	32	57941	(004000-) Light Assy Stop/Red 12V- . A	2
▲	45780	(004000-	) Bulb, 12V .5A 4Cp #1157	1
33	87515	(004000-	) Grommet,Rbr,0.50ld,For .25Matl	2
34	43363	(004000-	) Hook, S-.120 X 1.31, Zinc Pl.	1
35	06121	(004000-	) Chain, Sash, #35, .06.0l 11 Link	1
36	79608	(004000-	) Pin, Hitch .50D X 1.50L	1
37	74920	(004000-	) Grommet, Flexible .25	1
38	79670	(004000-	) Strip, Edging	1
39	79671	(004000-	) Weight, LPG/Gas	1
40	86798	(004000-	) Pad, Tread	1
41	49263	(004000-	) Tie, Cable, Nyl, 11.4l .19w 3.0 Max D	1
42	361160	(004000-	) Molding, Trim, Pvc, .08-.11 .01.0l	1

Fig. 4 - Main Frame Left Brush Door Group

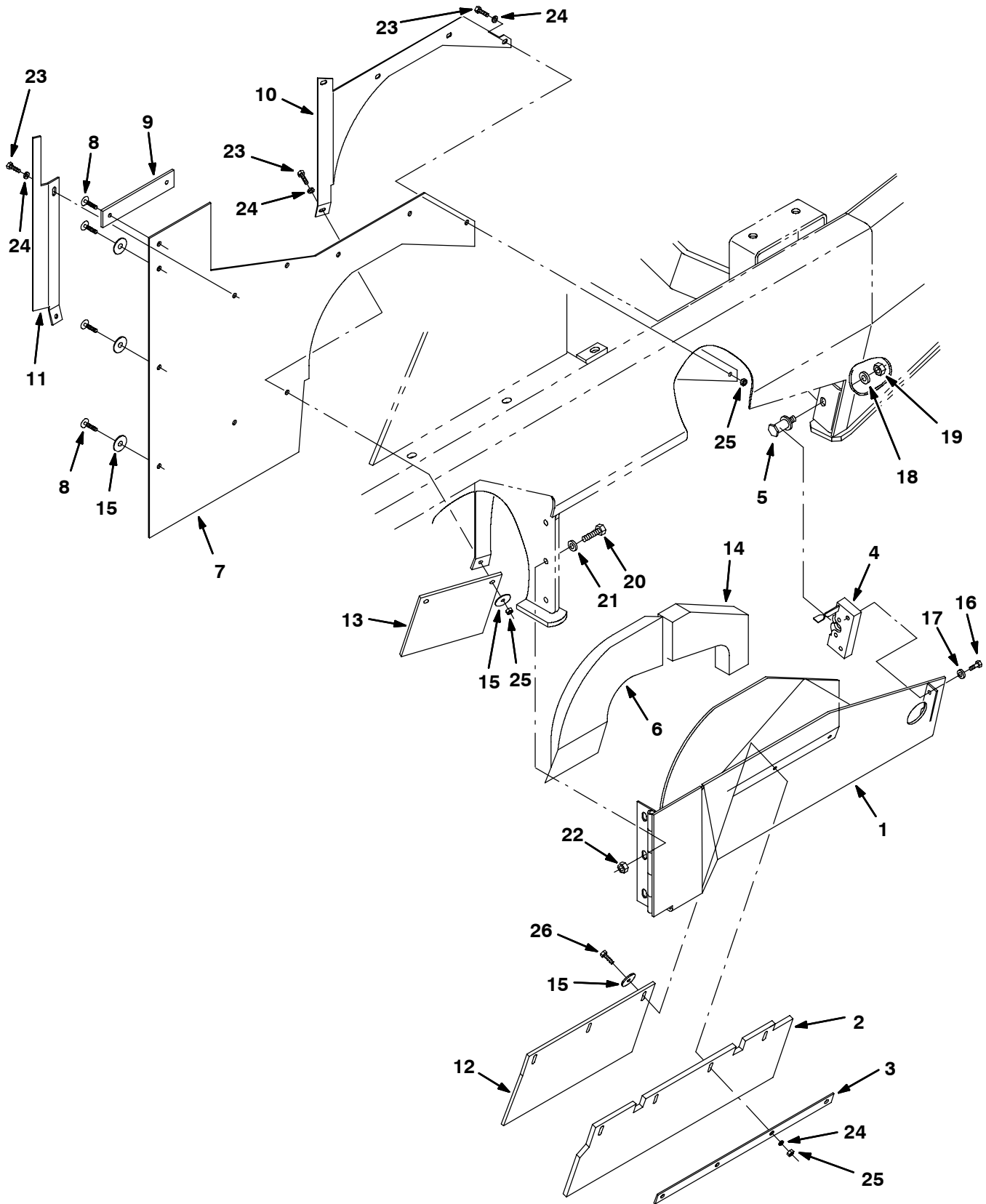


Fig. 4 - Main Frame Left Brush Door Group

Ref.	Part No.	Serial Number	Description	Qty.
1	64801	(004000-	) Door Wldt, Brush, Lh	1
2	73870	(004000-	) Skirt, Brush Door	1
3	70453	(004000-	) Strip, Retainer, Skirt	1
4	58489	(004000-	) Latch, Hook (Supplier's Rh)	1
5	58898	(004000-	) Bolt, Latch	1
6	70809	(004000-	) Seal, Door, Brush, Lh	1
7	73654	(004000-	) Seal, Brush Comp, Side	1
8	21168	(004000-	) Rivet, Plastic	5
9	21282	(004000-	) Strip, Retainer, Seal, Side	1
10	70597	(004000-	) Angle, Retainer, Seal	1
11	73648	(004000-	) Strip, Retainer, Seal, Lh	1
12	64788	(004000-	) Skirt, Brush Door	1
13	73888	(004000-	) Skirt, Front, Indoor	1
14	74062	(004000-	) Seal, Brush Door	1
15	41178	(004000-	) Fender Washer	9
16	34283	(004000-	) Tray	2
17	41185	(004000-	) Washer, Flat, Belleville, .25	2
18	39346	(004000-	) Washer, Flat, 0.44, Std	1
19	43955	(004000-	) Nut, Hex, Std, .44-14, 5	1
20	39283	(004000-	) Screw, Hex, M10 X 1.5 X 25, 8.8	3
21	32492	(004000-	) Washer, Flat, 0.38, Std	3
22	07792	(004000-	) Nut, Hex, Flng, M10 X 1.50	3
23	06944	(004000-	) Screw, Hex, M6 X 1.0 X 25, 8.8	5
24	32483	(004000-	) Washer, Flat, 0.25, Sae	14
25	08708	(004000-	) Nut, Hex, Lock, M6 X 1.00, NI	11
26	06946	(004000-	) Screw, Hex, M6 X 1.0 X 35, 8.8	4

Fig. 5 - Main Frame Right Brush Door Group

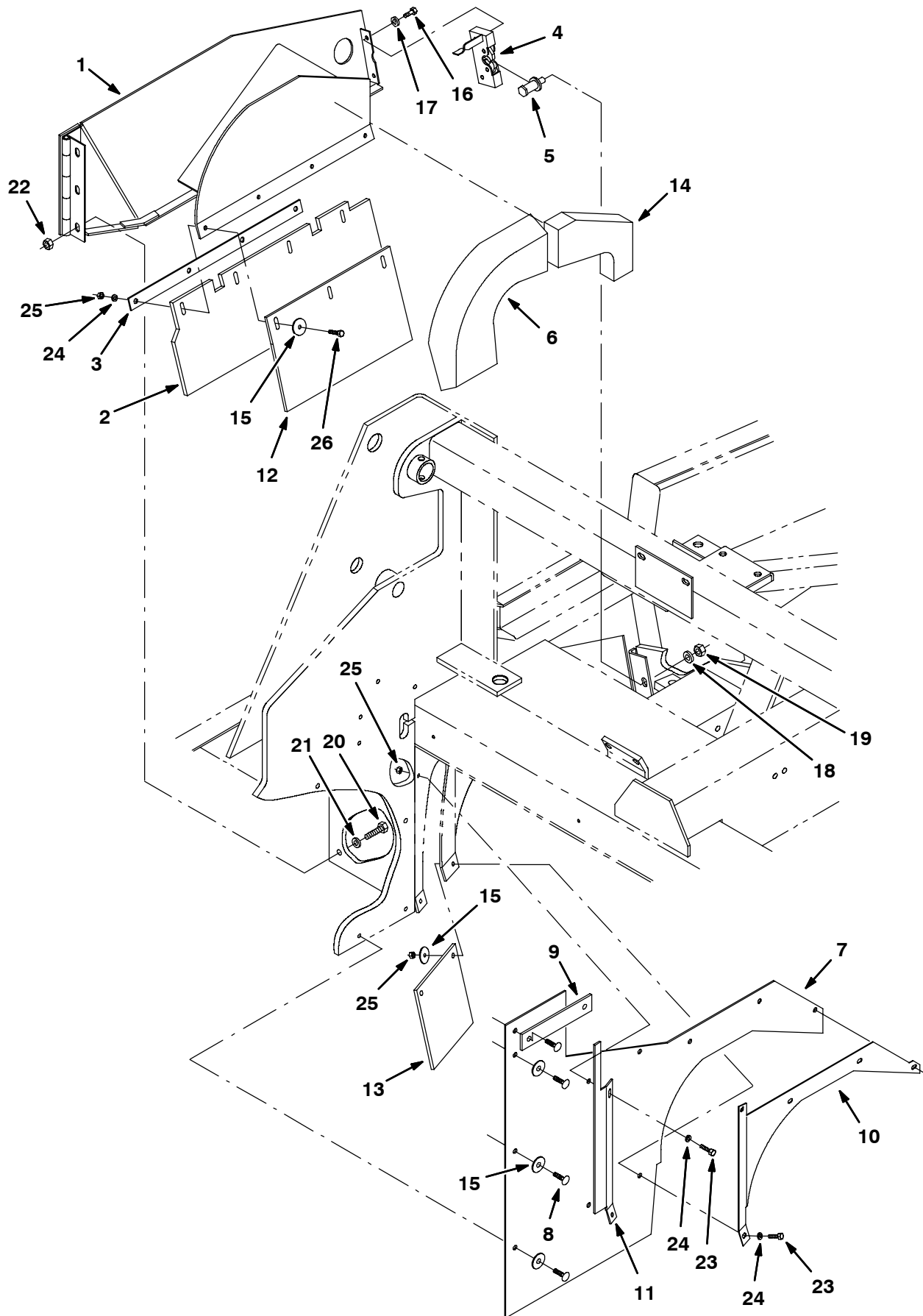


Fig. 5 - Main Frame Right Brush Door Group

Ref.	Part No.	Serial Number	Description	Qty.
1	64802	(004000-	) Door Wldt, Brush, Rh	1
2	73870	(004000-	) Skirt, Brush Door	1
3	70453	(004000-	) Strip, Retainer, Skirt	1
4	58844	(004000-	) Latch, Hook (Supplier's Lh)	1
5	58898	(004000-	) Bolt, Latch	1
6	70808	(004000-	) Seal, Door, Brush, Rh	1
7	73654	(004000-	) Seal, Brush Comp, Side	1
8	21168	(004000-	) Rivet, Plastic	5
9	21282	(004000-	) Strip, Retainer, Seal, Side	1
10	70598	(004000-	) Angle, Retainer, Seal	1
11	73649	(004000-	) Strip, Retainer, Seal, Rh	1
12	64788	(004000-	) Skirt, Brush Door	1
13	73888	(004000-	) Skirt, Front, Indoor	1
14	74063	(004000-	) Seal, Brush Door	1
15	41178	(004000-	) Fender Washer	9
16	34283	(004000-	) Tray	2
17	41185	(004000-	) Washer, Flat, Belleville, .25	2
18	39346	(004000-	) Washer, Flat, 0.44, Std	1
19	43955	(004000-	) Nut, Hex, Std, .44-14, 5	1
20	39283	(004000-	) Screw, Hex, M10 X 1.5 X 25, 8.8	3
21	32492	(004000-	) Washer, Flat, 0.38, Std	3
22	07792	(004000-	) Nut, Hex, Flng, M10 X 1.50	3
23	06944	(004000-	) Screw, Hex, M6 X 1.0 X 25, 8.8	5
24	32483	(004000-	) Washer, Flat, 0.25, Sae	14
25	08708	(004000-	) Nut, Hex, Lock, M6 X 1.00, NI	11
26	06946	(004000-	) Screw, Hex, M6 X 1.0 X 35, 8.8	4

Fig. 6 - Main Frame Operator Station Group

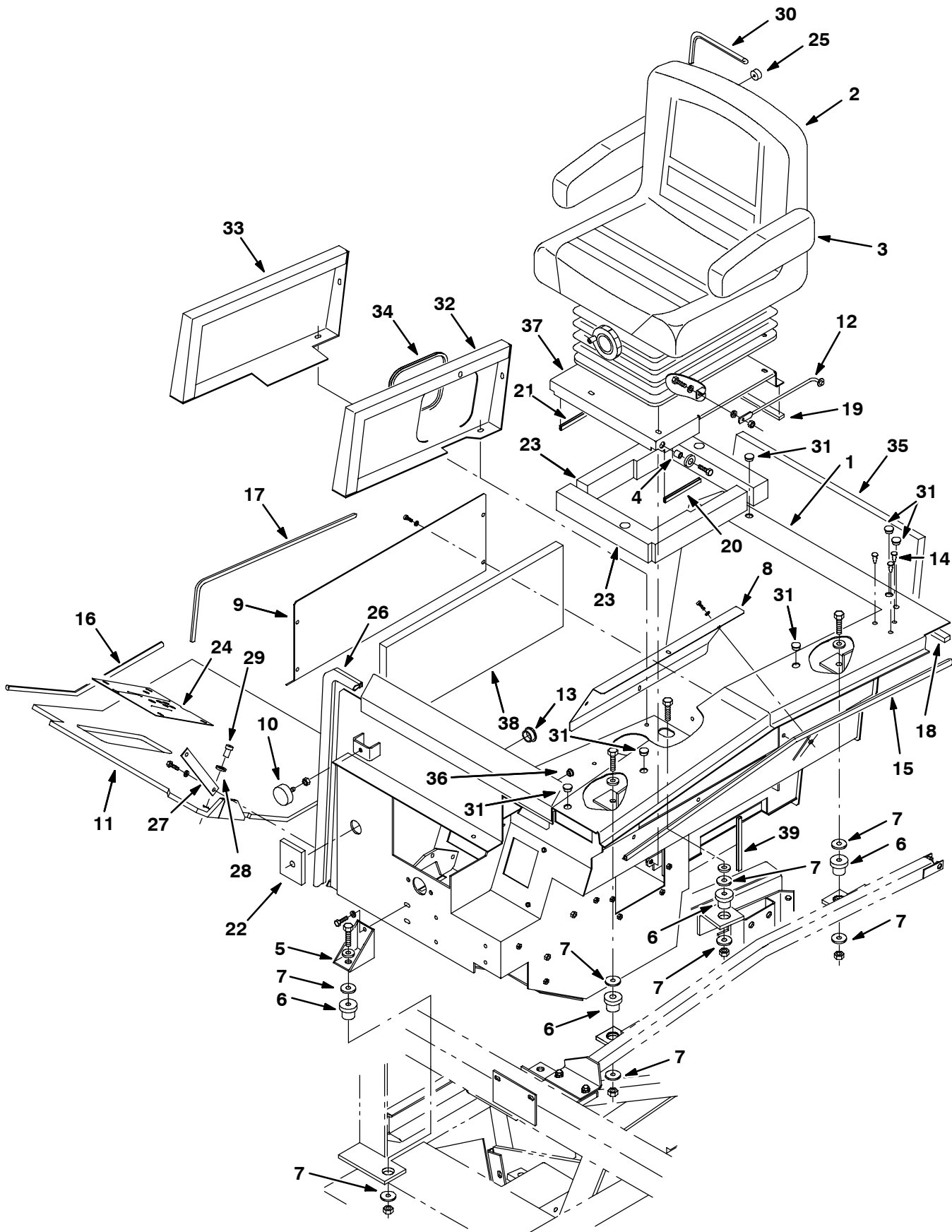


Fig. 6 - Main Frame Operator Station Group

	Ref.	Part No.	Serial Number	Description	Qty.
	1	380680	(004000-	) Panel Wldt w/label	1
▽	2	63294	(004000-	) Seat, Suspension	1
▲	3	311336	(004000-	) Armrest, Black	1
	4	40716	(004000-	) Sleeve, .385B .62D .62 Cd.Cad	2
	5	63751	(004000-	) Bracket, Oper Comp	1
	6	51176	(004000-	) Dampner, Engine	4
	7	04414	(004000-	) Washer, .531B 1.88D .12Hard Zn	8
	8	64884	(004000-	) Panel, Cover, Access	1
	9	70450	(004000-004439	) Panel, Air Conditioning	1
	9	375696	(004440-	) Panel, Air Conditioning	1
	10	70756	(004000-	) Bumper, Rubber	1
	11	76495	(004000-	) Tread, Floormat, Rubber	1
	12	54615	(004000-	) Rod, Seat	1
	13	76888	(004000-	) Plugbtn 1.25h .12 Max Blacknyl	1
	14	77399	(004000-	) Clip, Pine-tree .236h Plastic	3
	15	57820	(004000-	) Seal, 48.0 Lg.	1
	16	73903	(004000-	) Seal, Bulb, Sd-0504 24.50Lg	1
	17	73901	(004000-	) Seal, 7.00 Lg	1
	18	74081	(004000-	) Seal	1
	19	44777	(004000-	) Seal,Foam Rbr, .31 .75W 14.8L	1
	20	62595-3	(004000-	) Molding, Trim 11-14Ga 5.75	1
	21	62595-2	(004000-	) Molding, Trim 11-14Ga 15.75	1
	22	79028	(004000-	) Seal, Rod, Adjuster	1
▽		76494	(004000-	) Sealing Kit, Operator Comp	1
▲	23	76285	(004000-	) Insulation, S/Foam, Seat	2
▲	24	79116	(004000-	) Seal, Dust	1
	25	82921	(004000-	) Bumper, Rubber	1
	26	77340	(004000-	) Seal, Bulb, Sd-0504 28.00 Lg	1
	27	76492	(004000-	) Bar, Retainer	1
	28	41178	(004000-	) Washer-Flt .25 Fender Rltd.	1
	29	21246	(004000-	) Rivet, Plastic .325D X .787	1
	30	49282	(004000-	) Molding, Trim 16Ga&Thinnr 10.0	1
	31	75428	(004000-	) Plugbtn .75h .03-.12 Blacknyl	7
	32	380728	(004000-	) Panel, Fuel Inlet w/label	1
	33	70704	(004000-	) Panel, Fuel, Inlet, Lpg	1
	34	380692	(004000-	) Trim	1
	35	23946	(004000-	) Insulation	1
	36	33806	(004000-	) Plugbutton	1
	37	70478	(004000-	) Panel, Support, Seat	1
	38	375698	(004000-	) Insulation, Acstc, 1.o 09.9w 25.0l	1
	39	62595-16	(007000-	) Molding, Trim, Pvc, .08-.11 08.5l (Gas only)	1

Fig. 7 - Main Frame Engine Cover and Lintel Group

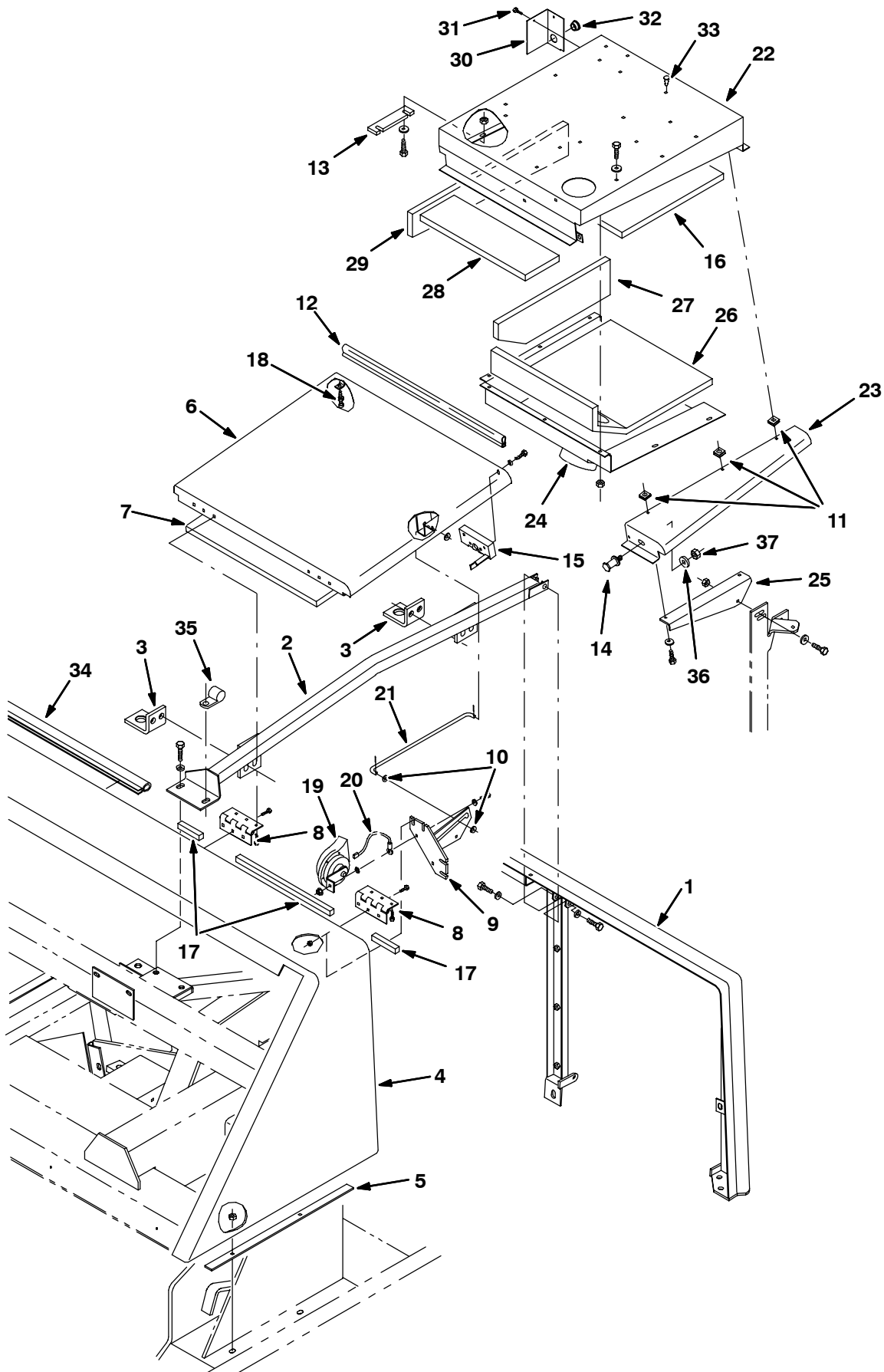


Fig. 7 - Main Frame Engine Cover and Lintel Group

Ref.	Part No.	Serial Number	Description	Qty.
1	64312	(004000-	) Lintel, Rear	1
2	380533	(004000-	) Tube Wldt, Brace, Center	1
3	380532	(004000-	) Bracket, Brace Center	2
4	64278	(004000-	) Lintel, Main	1
5	64279	(004000-	) Strip, Spacer	2
6	75303	(004000-	) Cover Wldt, Engine Se	1
7	76870	(004000-	) Insulation,S/Foam .8X19.3X20.3	1
8	74040	(004000-	) Hinge	2
9	21131	(004000-	) Bracket Wldt, Gas Spring	1
10	43454	(004000-	) Washer, .344B .69D .06Nylon	2
11	12271	(004000-	) U-Nut Clip, M6	3
12	77778	(004000-	) Seal, Bulb, Sd-0504 19.75Lg	1
13	21230	(004000-	) Plate, Support, Cover Se	1
14	59192	(004000-	) Latch, Bolt	1
15	58844	(004000-	) Latch, Hook, Rh	1
16	375537	(004000-	) Insulation, S/Foam .5T 17.0X 15	1
17	53461-2	(004000-	) Seal,Foam Rbr, .62 .62W 24.5L	1
18	75128	(004000-	) Spindle, Adjustment	1
19	369704	(004000-	) Horn, 12 Volt	1
20	21643	(004000-	) Wire, Lead	1
21	75883	(004000-	) Rod, Support Cover	1
22	375536	(004000-006008	) Panel Wldt, Cover Engine	1
22	1014456	(006009-	) Panel Wldt, Cover Engine	1
23	77711	(004000-	) Panel, Cover, Corner	1
24	47958	(004000-	) Panel, Vacuum Duct	1
25	375513	(004000-	) Bracket, L 12.0L Hood Support	1
26	380761	(004000-	) Insulation, S/Foam, .8T 17.0X15	1
27	380762	(004000-	) Insulation, S/Foam, .8T 18.0X4.5	1
28	380763	(004000-	) Insulation, S/Foam, .8T 16.5X5	1
29	380764	(004000-	) Insulation, S/Foam, .8T 23.0X4X3	1
30	380760	(004000-	) Panel, Corner, Eng Cover	1
31	55845	(004000-	) Scr-Hxfmgm 5X0.8 16 pltd	1
32	82727	(004000-	) Plugbutton .88H .03-.12 Blacknyl	1
33	77399	(004000-	) Clip, Tree	11
34	55756	(004000-	) Seal	1
35	58366	(004000-	) Clamp, Cable, Stl, 1.25d X 1.00w, 1h	1
36	41619	(004000-	) Washer, Flat, 0.56b 1.38d .11, Ss	1
37	07788	(004000-	) Nut, Hex, Std, M12 X 1.75, Ss	1

Fig. 8 - Main Frame Engine Side Door Group (004000-006999)

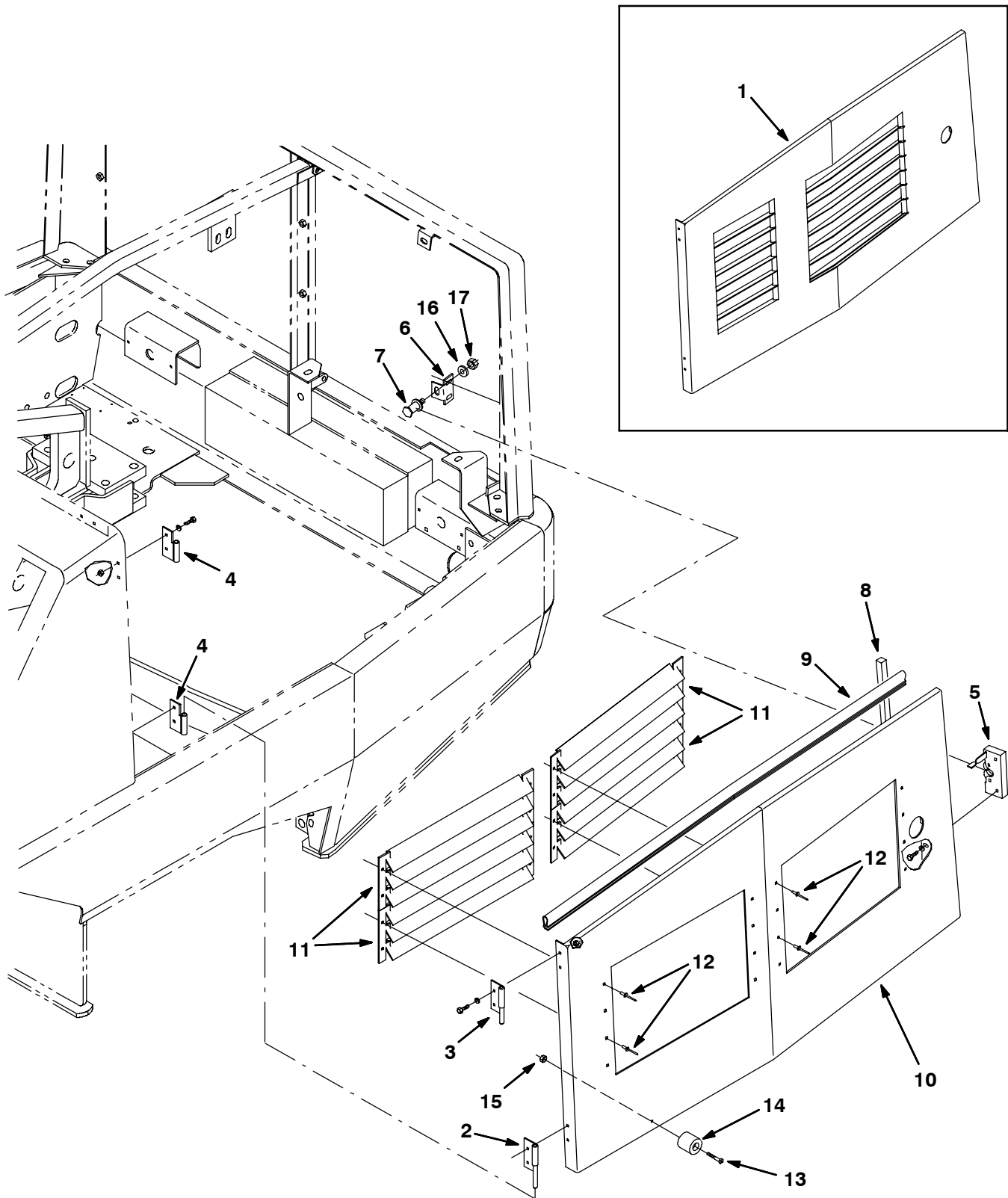


Fig. 8 - Main Frame Engine Side Door Group (004000-006999)

Ref.	Part No.	Serial Number	Description	Qty.
1	23950	(004000-004408)	Door Wldt, Engine	1
2	64543	(004000-006999)	Hinge, W/Pin	1
3	70628	(004000-006999)	Hinge, W/Pin	1
4	64545	(004000-006999)	Hinge	2
5	58489	(004000-006999)	Latch, Hook Rh	1
6	70407	(004000-006999)	Angle, Bolt, Latch	1
7	59192	(004000-006999)	Latch, Bolt	1
8	53461-2	(004000-006999)	Seal,Foam Rbr, .62 .62W 24.5L	1
9	57820	(004000-006999)	Seal, 48.0 Lg.	1
10	375695	(004409-006999)	Door Wldt, Engine	1
11	375693	(004409-006999)	Panel, Louver	4
12	06524	(004409-006999)	Rivet, Pop	16
13	09258	(004903-006999)	Screw, Pan, M 6 X 1.0 X 40, 4.8	1
14	44851	(004903-006999)	Bumper, Rbr, 1.5d 1.50 0.28h	1
15	08708	(004903-006999)	Nut, Hex, Lock, M06 X 1.0, NI	1
16	32493	(004000-006999)	Washer, Flat, 0.50, Std	1
17	39313	(004000-006999)	Nut, Hex, Std, M12 X 1.75	1

Fig. 9 - Main Frame Engine Side Door Group (007000-)

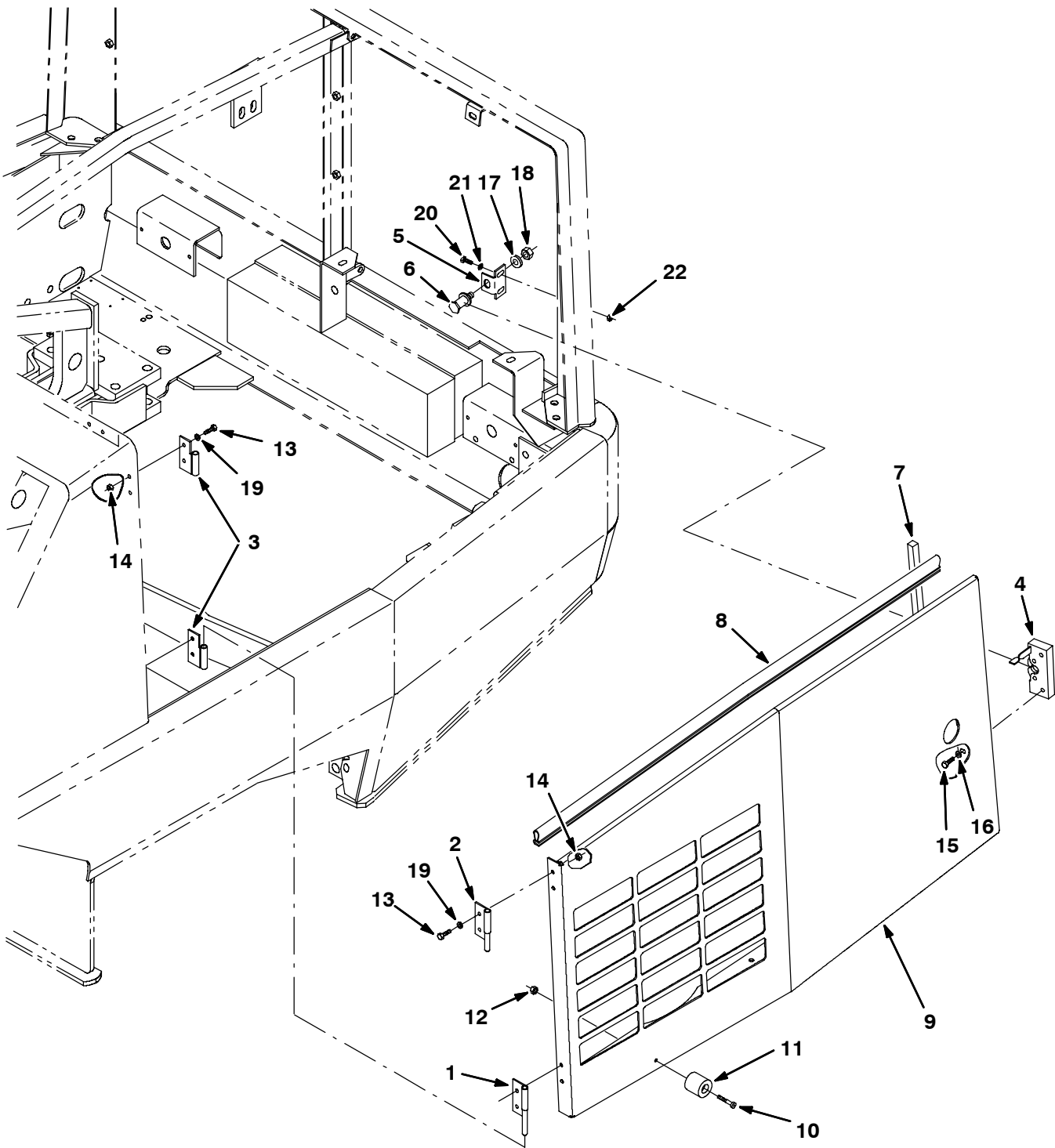


Fig. 9 - Main Frame Engine Side Door Group (007000-)

Ref.	Part No.	Serial Number	Description	Qty.
1	64543	(007000-	) Hinge, W/Pin	1
2	70628	(007000-	) Hinge, W/Pin	1
3	64545	(007000-	) Hinge	2
4	58489	(007000-	) Latch, Hook Rh	1
5	70407	(007000-	) Angle, Bolt, Latch	1
6	59192	(007000-	) Latch, Bolt	1
7	53461-2	(007000-	) Seal,Foam Rbr, .62 .62W 24.5L	1
8	57820	(007000-	) Seal, 48.0 Lg.	1
9	1031853	(007000-	) Door Wldt [800/810 07]	1
10	09258	(007000-	) Screw, Pan, M 6 X 1.0 X 40, 4.8	1
11	44851	(007000-	) Bumper, Rbr, 1.5d 1.50 0.28h	1
12	08708	(007000-	) Nut, Hex, Lock, M06 X 1.0, NI	1
13	06943	(007000-	) Screw, Hex, M6 X 1.0 X 20, 8.8	8
14	07790	(007000-	) Nut, Hex, Flng, M6 X 1.00	8
15	34323	(007000-	) Screw, Hex, .25-20 X 0.75, NI	2
16	32490	(007000-	) Washer, Flat, 0.25, Std	2
17	32493	(007000-	) Washer, Flat, 0.50, Std	1
18	39313	(007000-	) Nut, Hex, Std, M12 X 1.75	1
19	41185	(007000-	) Washer, Flat, Belleville, .25	8
20	16931	(007000-	) Screw, Hex, M8 X 1.25 X 20, 8.8	2
21	32491	(007000-	) Washer, Flat, 0.31, Std	2
22	39311	(007000-	) Nut, Hex, Std, M8 X 1.25	2

Fig. 10 - Hydraulic Cooler, Filter and Rear Door Group

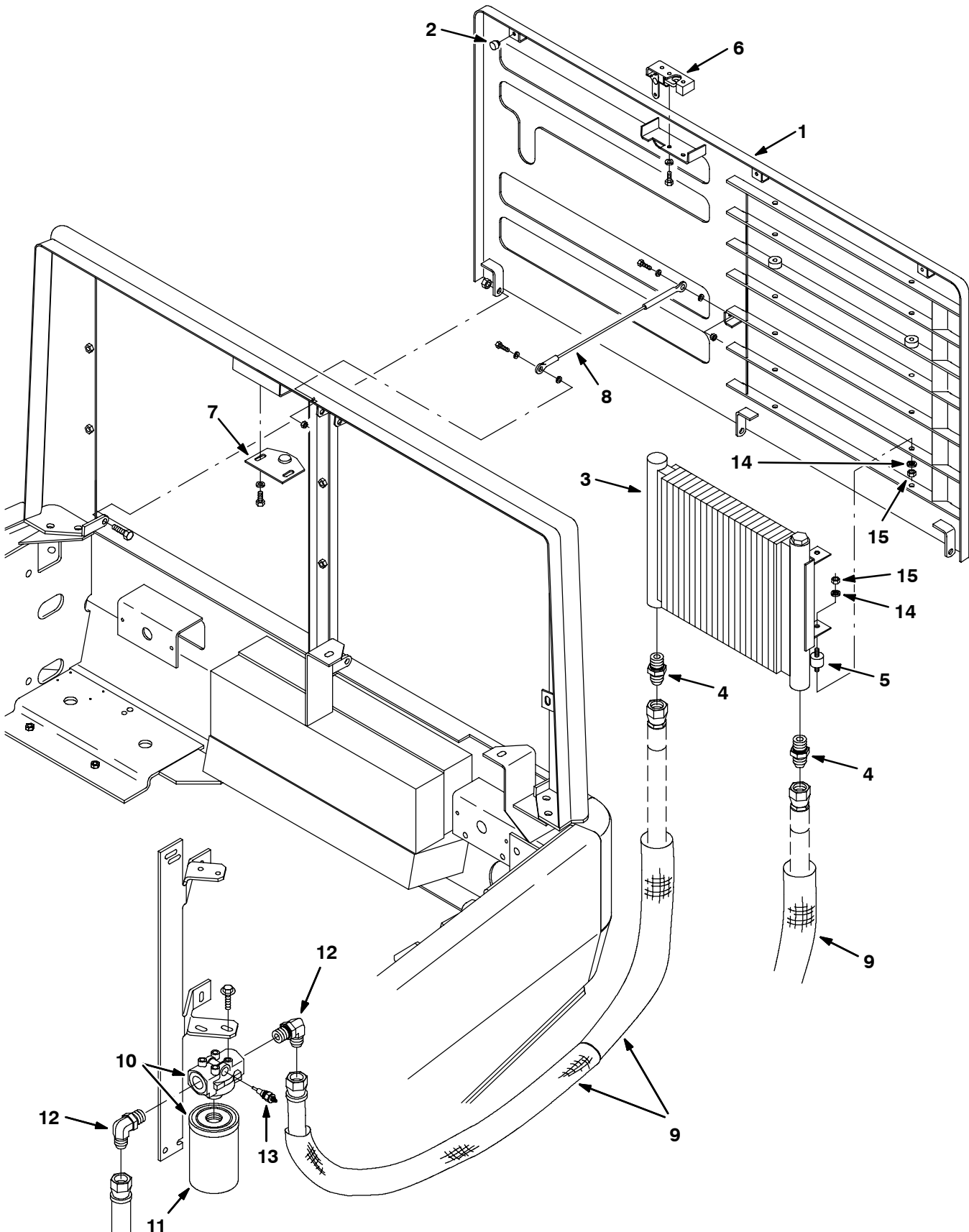


Fig. 10 - Hydraulic Cooler, Filter and Rear Door Group

Ref.	Part No.	Serial Number	Description	Qty.
1	48006	(004000-	) Door Wldt, Rear	1
2	51787	(004000-	) Bumper, Rubber	3
3	64419	(004000-	) Cooler-Hyd	1
4	42260	(004000-	) Ftg-Hyd Str Jm12/Om12	2
5	51322	(004000-	) Isolator-Vibration .31-18	4
6	59661	(004000-	) Latch	1
7	65252	(004000-	) Plate, Striker	1
8	36192	(004000-	) Lanyard Assy.	1
9	82830	(004000-	) Sleeve, Nyl 16.0 L	3
▽ 10	10664	(004000-	) Filter Assy, Spin-on	1
▲ 11	65221	(004000-	) Filter Element	1
12	46481	(004000-	) Ftg-Hyd E90 Jm12/om12	2
13	65222	(004000-	) Sender, Filter, Hydraulic	1
14	32984	(004000-	) Washer, Lock, Int, 0.31	4
15	19313	(004000-	) Nut, Hex, Std, .31-18	4

Fig. 11 - Hopper Lift Arms Group

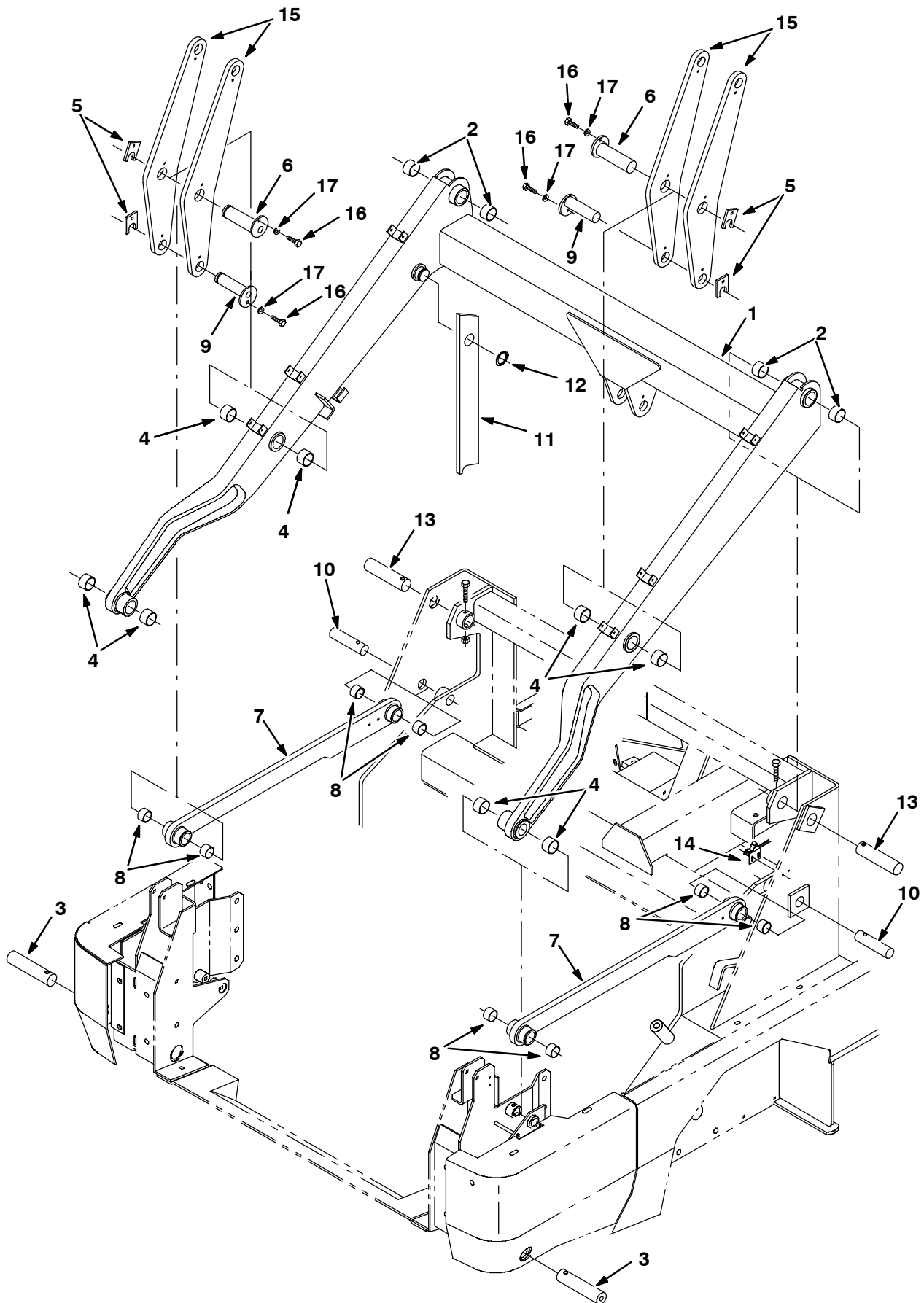


Fig. 11 - Hopper Lift Arms Group

Ref.	Part No.	Serial Number	Description	Qty.
1	75861	(004000-	) Arm Wldt, Hopper Lift w label	1
2	58293	(004000-	) Bearng-Journal	4
3	77463	(004000-	) Pin, 1.500 0Dx7.81, Drilled	2
4	58293	(004000-	) Bearng-Journal	8
5	83554	(004000-	) Plate, Pin Retainer	4
6	83551	(004000-	) Pin Weldt.	2
7	76235	(004000-	) Bar, Arm, Lower, Machining	2
8	57936	(004000-	) Bearing-Journal	2
9	83553	(004000-	) Pin Weldt.	2
10	76470	(004000-	) Pin	2
11	380681	(004000-	) Arm, Safety W/Label	1
12	63926	(004000-	) Ring, Retaining, Ex 1.5 Dia Hd	1
13	76471	(004000-	) Pin	2
14	59965	(004000-	) Switch, Roller	1
15	83549	(004000-	) Plate, Link	4
16	10959	(004000-	) Screw, Hex, M10 X 1.5 X 20, Ss, NI	4
17	32492	(004000-	) Washer, Flat, 0.38 Std	4

Fig. 12 - Hopper Lift Cylinders Group

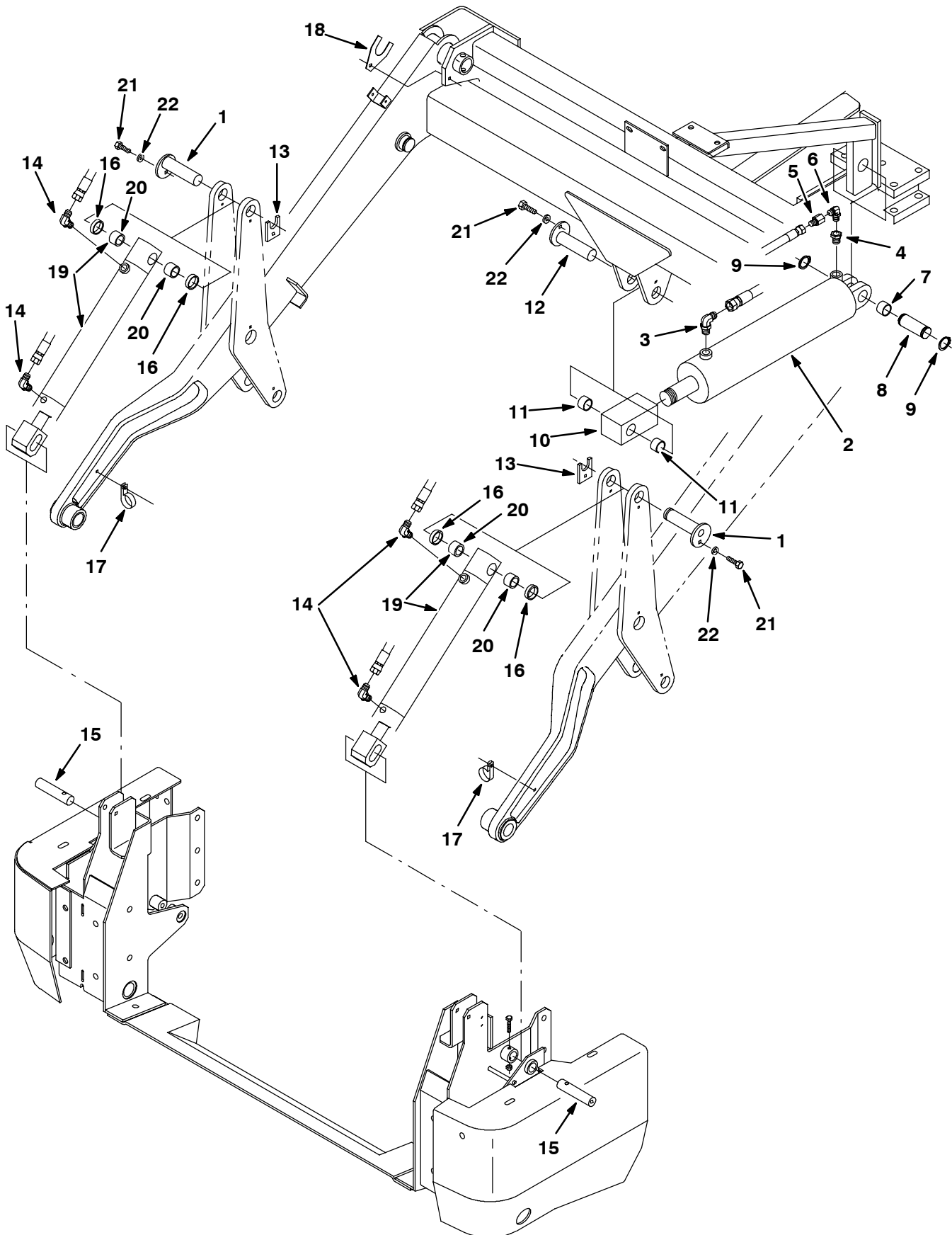


Fig. 12 - Hopper Lift Cylinders Group

Ref.	Part No.	Serial Number	Description	Qty.
1	83553	(004000-	) Pin Wldt.	2
2	1026719	(004000-	) Cylinder, Hyd, 4.0b 29.1l 14.50strk 2500 (See Breakdowns)	1
3	47512	(004000-	) Ftg-Hyd E90 Jm06/Om08	1
4	55686	(004000-	) Ftg-Hyd Str Jm04/Om08	1
5	16456	(004000-	) Ftg-Hyd Rst Jm04/.063	1
6	39210	(004000-	) Ftg-Hyd E90 Jm04/Jf04	1
7	59866	(004000-	) Bearing, Journal	1
8	63583	(004000-	) Pin, 1.25 Odx 3.50, Grooved	1
9	58359	(004000-	) Retaining Ring-External, 1.25D	2
10	64156	(004000-	) Bar, Cylinder End	1
11	57936	(004000-	) Bearing-Journal	2
12	83553	(004000-	) Pin, 1.250 Od X 4.50	1
13	83554	(004000-	) Plate, Pin Retainer	2
14	47638	(004000-	) Ftg-Hyd E90 Jm04/Om06	4
15	63584	(004000-	) Pin, 1.00 Odx 4.50, Drilled	2
16	83555	(004000-	) Spacer	4
17	67767	(004000-	) Clamp-Cable,.69Dia. 62Wth	2
18	75891	(004000-	) Plate, Spacer	2
▽ 19	379050	(004000-	) Cylinder, hyd. 2.0 B 14.9S 2500	2
▲ 20	57936	(004000-	) Bearing-Journal	2
21	10959	(004000-	) Screw, Hex, M10 X 1.5 X 20, Ss, NI	3
22	32492	(004000-	) Washer, Flat, 0.38 Std	3

Fig. 13 - Hopper Group

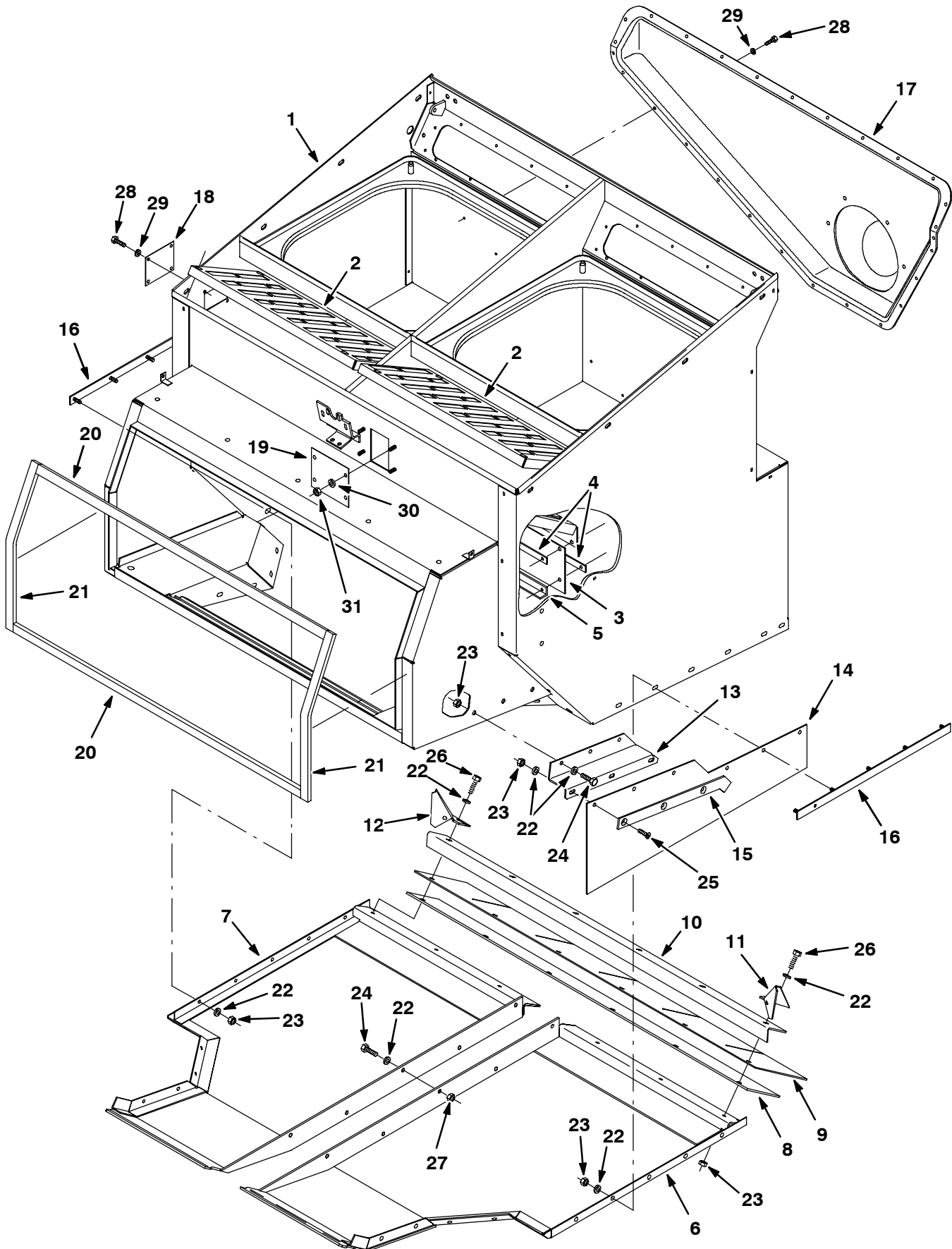


Fig. 13 - Hopper Group

Ref.	Part No.	Serial Number	Description	Qty.
1	76487	(004000-	) Hopper Wldt	1
2	63665	(004000-	) Panel, Permafilter, Upper	2
3	63667	(004000-	) Seal, Dust	1
4	63668	(004000-	) Bar, Retainer, Dust Seal	2
5	63669	(004000-	) Angle, Dust Seal	1
6	76474	(004000-	) Panel, Hopper, Bottom, Lh	1
7	76384	(004000-	) Panel, Bottom, Hopper, Rh	1
8	73678	(004000-	) Skirt, Lip	1
9	73679	(004000-	) Skirt, Lip	1
10	63647	(004000-	) Angle, Retainer, Lip	1
11	74046	(004000-	) Panel, Deflector, Dirt, Rh	1
12	74045	(004000-	) Panel, Deflector, Dirt, Lh	1
13	73772	(004000-	) Bracket, Mtg, Skirt	1
14	73771	(004000-	) Skirt, Deflector	1
15	73749	(004000-	) Strip, Retainer, Skirt, Front	1
16	79139	(004000-	) Strip, Hopper	2
17	70388	(004000-	) Duct, Inlet, Vac Fan	1
18	74069	(004000-	) Plate, Cover	1
19	73887	(004000-	) Plate, Cover	1
20	79597	(004000-	) Seal, Foam, Urethane Covered	2
21	79600	(004000-	) Seal, Foam, Urethane Covered	2
22	01685	(004000-	) Washer, Flat, 0.38b 0.88d .08, Ss	27
23	08713	(004000-	) Nut, Hex, Lock, M8 X 1.25, NI, Ss	22
24	09740	(004000-	) Screw, Hex, M8 X 1.25 X 20, Ss	18
25	79506	(004000-	) Screw, Flt, M8 X 1.25 X 30, Ss	3
26	09011	(004000-	) Screw, Hex, M8 X 1.25 X 30, Ss	6
27	07791	(004000-	) Nut, Hex, Flng, M8 X 1.25	15
28	74455	(004000-	) Screw, Hex, M6 X 1.0 X 12, Fmg	33
29	19066	(004000-	) Washer, Flat, #10	33
30	39349	(004000-	) Washer, Flat, 0.31, Sae	4
31	08709	(004000-	) Nut, Hex, Lock, M8 X 1.25, NI	4

Fig. 14 - Hopper Door Group

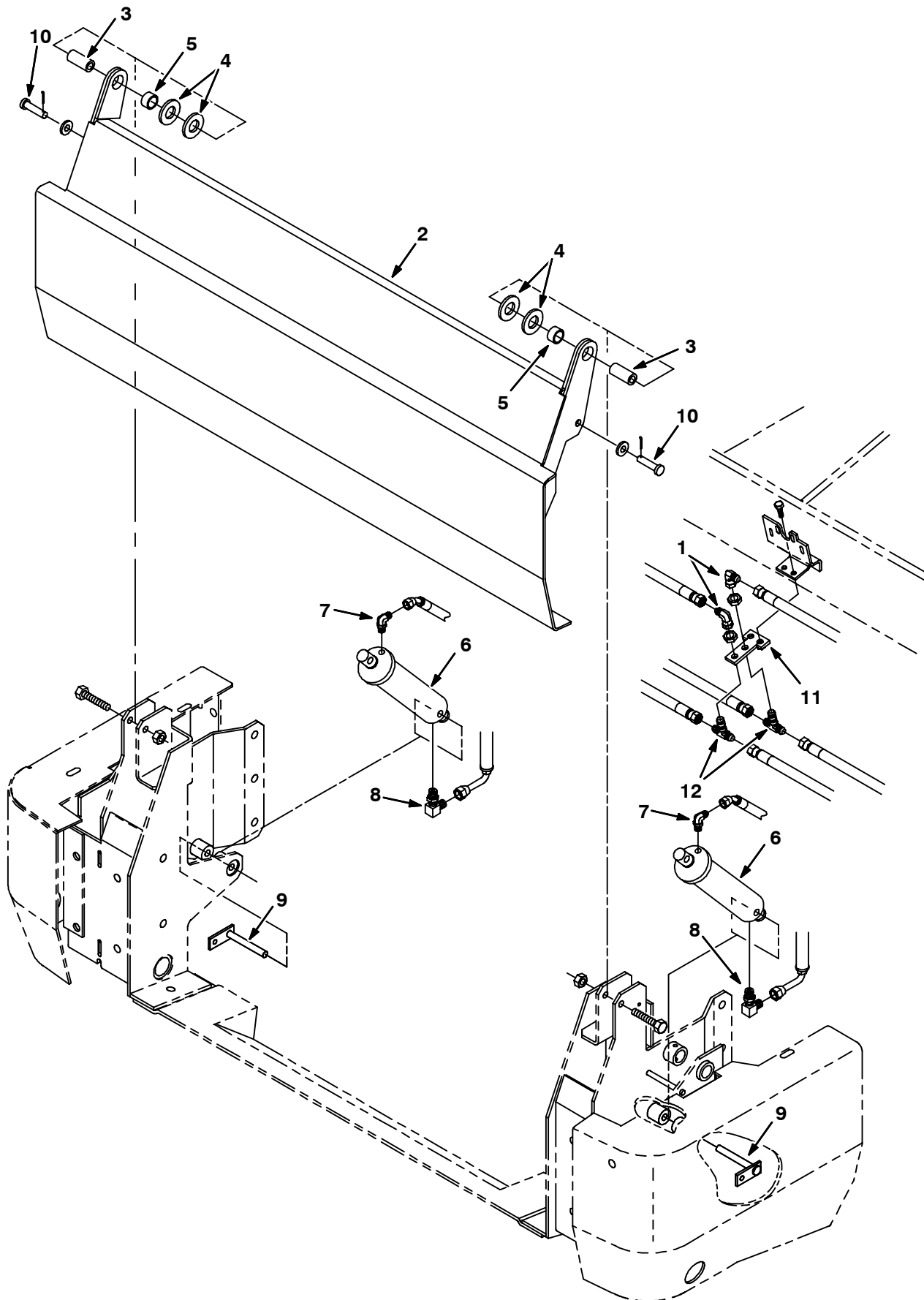


Fig. 14 - Hopper Door Group

Ref.	Part No.	Serial Number	Description	Qty.
1	39210	(004000-	) Ftg-Hyd E90 Jm04/Jf04	2
2	83618	(004000-	) Door Wldt, Hopper	1
3	79138	(004000-	) Sleeve, Pivot, Door	2
4	79596	(004000-	) Washer, 1.015B 1.75D .11Hrs	4
5	35688	(004000-	) Bearing, Journal	2
6	1028064	(004000-	) Cylinder, Hyd, 2.0b 12.0l 08.00strk 2500	2
7	82825	(004000-	) Ftg-Hyd E90 Jm04/Om04	2
8	77097	(004000-	) Ftg-Hyd E90 Jm04/Om04	2
9	64893	(004000-	) Pin	2
10	21722	(004000-	) Pin, Clevis .50 Dia X 2.25 Lg	2
11	75012	(004000-	) Bracket, Mtg, Ftg	1
12	34392	(004000-	) Ftg-Hyd Tee Jm04Jmjm	2

Fig. 15 - Hopper Cover Group

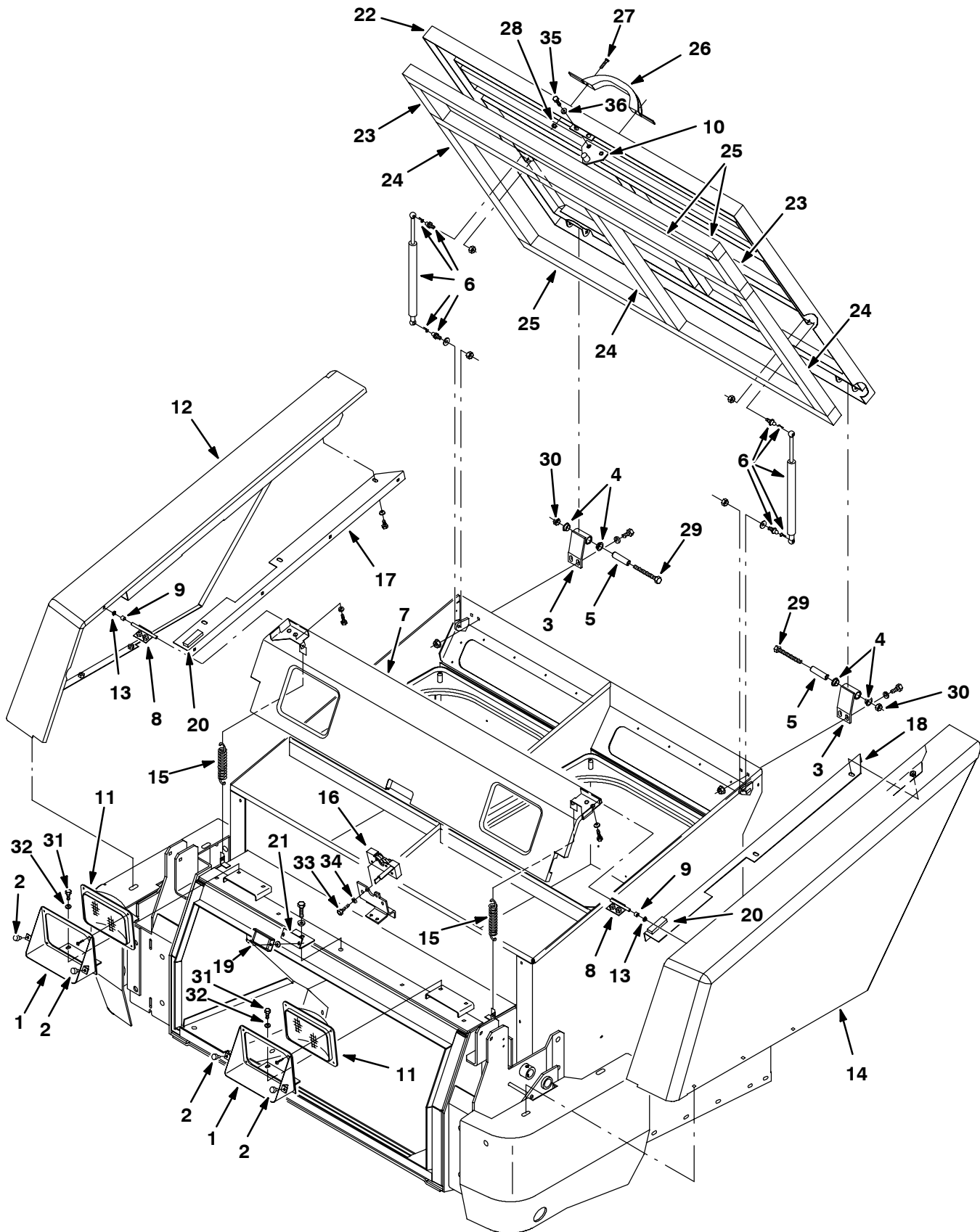


Fig. 15 - Hopper Cover Group

Ref.	Part No.	Serial Number	Description	Qty.
1	77388	(004000-	) Bracket, Mounting, Headlamp	2
2	51787	(004000-	) Bumper, Rubber	4
3	70762	(004000-	) Hinge	2
4	04843	(004000-	) Bearing, Flange .625 Bore	4
5	70761	(004000-	) Tube, 0.62D .44B 2.44, Stl	2
6	69906	(004000-	) Spring-Gas, Engine Cover	2
7	77394	(004000-	) Panel, Headlight	1
8	70730	(004000-	) Hinge	2
9	74015	(004000-	) Sleeve, .320B .32D .49 Lc Stl	2
10	70742	(004000-	) Pin Wldt, Latch	1
11	58524	(004000-	) Headlight, 12V.Rect.	2
12	65278	(004000-	) Panel Wldt, Fender, Rh	1
13	11747	(004000-	) Bearing, Nylon	2
14	65281	(004000-	) Panel Wldt, Fender, Lh	1
15	01274	(004000-	) Sprng,Tens,0.965Odx.09Wire4.4L	2
16	79019	(004000-	) Latch, Hook, Rh, Single Catch	1
17	75047	(004000-	) Bracket, Rh	1
18	75046	(004000-	) Bracket, Lh	1
19	63378	(004000-	) Magnet, Drive Brush	1
20	79591	(004000-	) Bumper, Cover, Hopper	2
21	77400	(004000-	) Angle, Mount	1
▽ 22	21221	(004000-	) Cover Assy, Hopper	1
▲ 23	375564	(004000-	) Seal, Urethane Covered Foam	2
▲ 24	375565	(004000-	) Seal, Urethane Covered Foam	3
▲ 25	375566	(004000-	) Seal, Urethane Covered Foam	3
▲ 26	381962	(004625-	) Handle, Container	1
▲ 27	382726	(004625-	) Screw, Pan, m06	2
▲ 28	08708	(004625-	) Nut, Hex Lock m06	2
29	03193	(004000-	) Screw, Hex, M10 X 1.5 X 90, 8.8	2
30	41430	(004000-	) Nut, Hex, Lock, M10 X 1.5, NI	2
31	16931	(004000-	) Screw, Hex, M8 X 1.25 X 20, 8.8	4
32	32491	(004000-	) Washer, Flat, 0.31 Std	4
33	12274	(004000-	) Screw, Hex, M6 X 1.0 X 20, 8.8, NI	4
34	19066	(004000-	) Washer, Flat, #10	4
35	16735	(004000-	) Screw, Hex, M8 X 1.25 X 16, 8.8	2
36	41186	(004000-	) Washer, Belleville, .31	2

Fig. 16 - Hopper Bumper Group

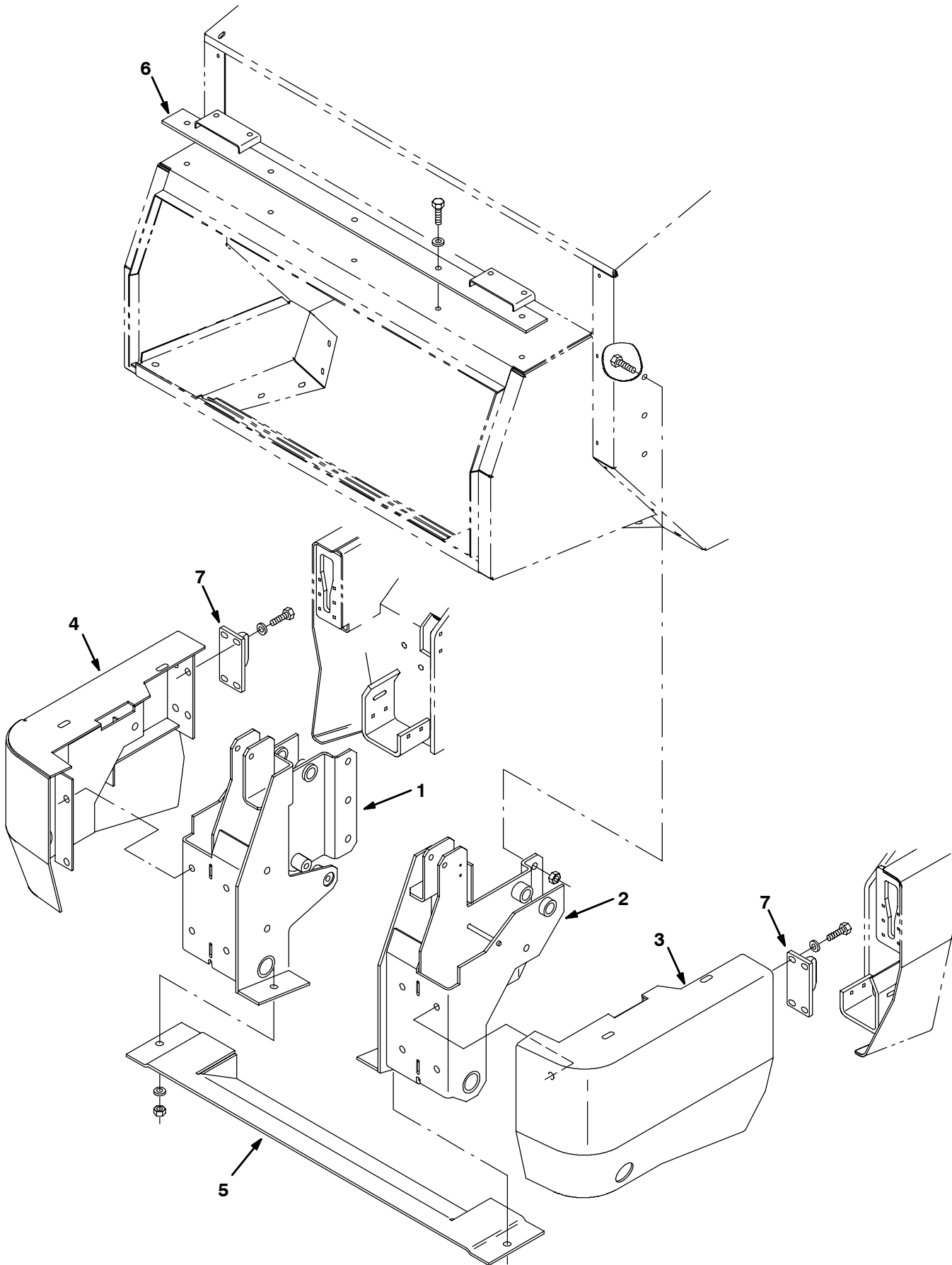


Fig. 16 - Hopper Bumper Group

Ref.	Part No.	Serial Number	Description	Qty.
1	83547	(004000-	) Bumper Wldt, Sppt, Hopper, Rh	1
2	83548	(004000-	) Support Wldt, Sppt, Hopper Lh	1
3	83620	(004000-	) Bumper Wldt, Lh	1
4	83622	(004000-	) Bumper Wldt, Rh	1
5	77523	(004000-	) Guard Wldt, Hopper	1
6	77516	(004000-	) Bracket Wldt, Mtg, Headlight	1
7	63671	(004000-	) Latch, Bumper	2

Fig. 17 - Hopper Filter Shaker Group

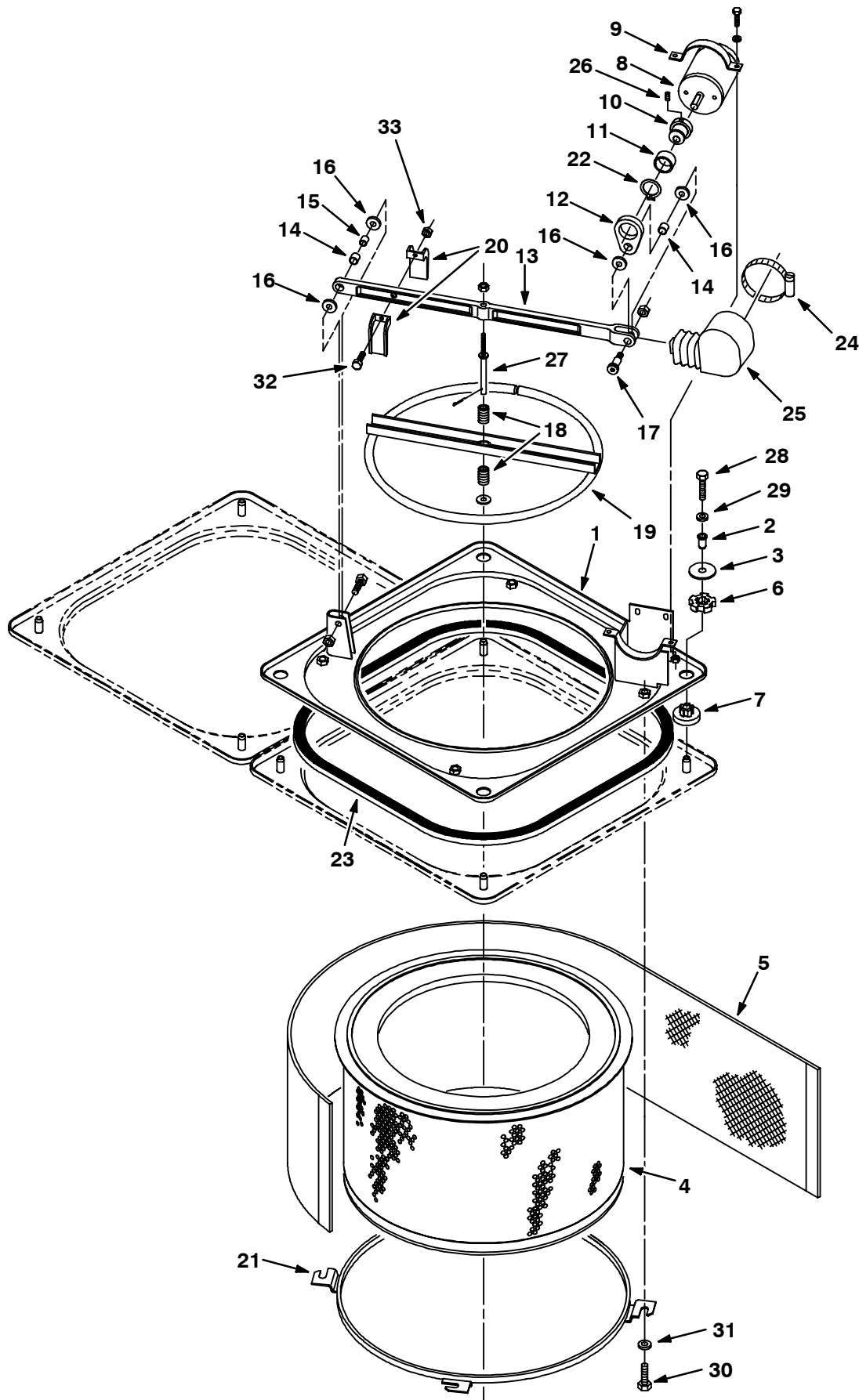


Fig. 17 - Hopper Filter Shaker Group

Ref.	Part No.	Serial Number	Description	Qty.
	1	64580	(004000-) Panel Wldt, Shaker	2
	2	64874	(004000-) Ferrule	8
	3	64873	(004000-) Disc	8
	4	48069	(004000-) Filter Assy, Fine, Hopper (option)	2
▽	4	63297	(004000-) Filter Assy, (standard)	2
▲	5	63311	(004000-) Screen, Filter	1
	6	64618	(004000-) Ring, Isolator, Outer, Rbr	8
	7	64621	(004000-) Bushing, Isolator	8
	8	31999	(004000-) Motor, Electric, 13.6 Vdc	2
	9	64559	(004000-) Clamp, Mtg, Motor, Upper	2
	10	64567	(004000-) Shaft, Eccentric	2
	11	32006	(004000-) Bearing	2
	12	64394	(004000-) Link, Eccentric	2
▽	13	77471	(004000-) Shaker Bar Replacement Kit	2
▲	14	63233	(004000-) Bearing, Fiberglide .50 X .50	2
▲	15	63234	(004000-) Sleeve, Bearing	1
▲	16	59633	(004000-) Bearing, Thrust - Fiberglide	4
▲	17	58357	(004000-) Shoulder Screw	2
	18	64392	(004000-) Spring	4
	19	64501	(004000-) Ring Wldt, Shaker	2
	20	64410	(004000-) Guide	4
	21	64500	(004000-) Ring Wldt, Mtg, Filter	2
	22	70651	(004000-) Ring, Retaining, Ext 1.12	2
	23	21303	(004000-) Seal Kit, Shaker Panel	2
	24	43555	(004000-) Clamp-Wormdrive, 1.62- 3.50D	2
	25	73734	(004000-) Seal, Dust	2
	26	70650	(004000-) Set Screw	2
	27	32009	(004000-) Bar, Shaker Stem	2
	28	39284	(004000-) Screw, Hex, M10 X 1.5 X 35, 8.8	8
	29	32492	(004000-) Washer, Flat, 0.38 Std	8
	30	09028	(004000-) Screw, Hex, M10 X 1.5 X 25, Ss	8
	31	01686	(004000-) Washer, Flat, 0.44b 1.00 .08, Ss	8
	32	09164	(004000-) Screw, Pan, M6 X 1.0 X 20, 4.8	2
	33	08708	(004000-) Nut, Hex, Lock, M6 X 1.0, NI	2

Fig. 18 - Hopper Pressure Switch Group

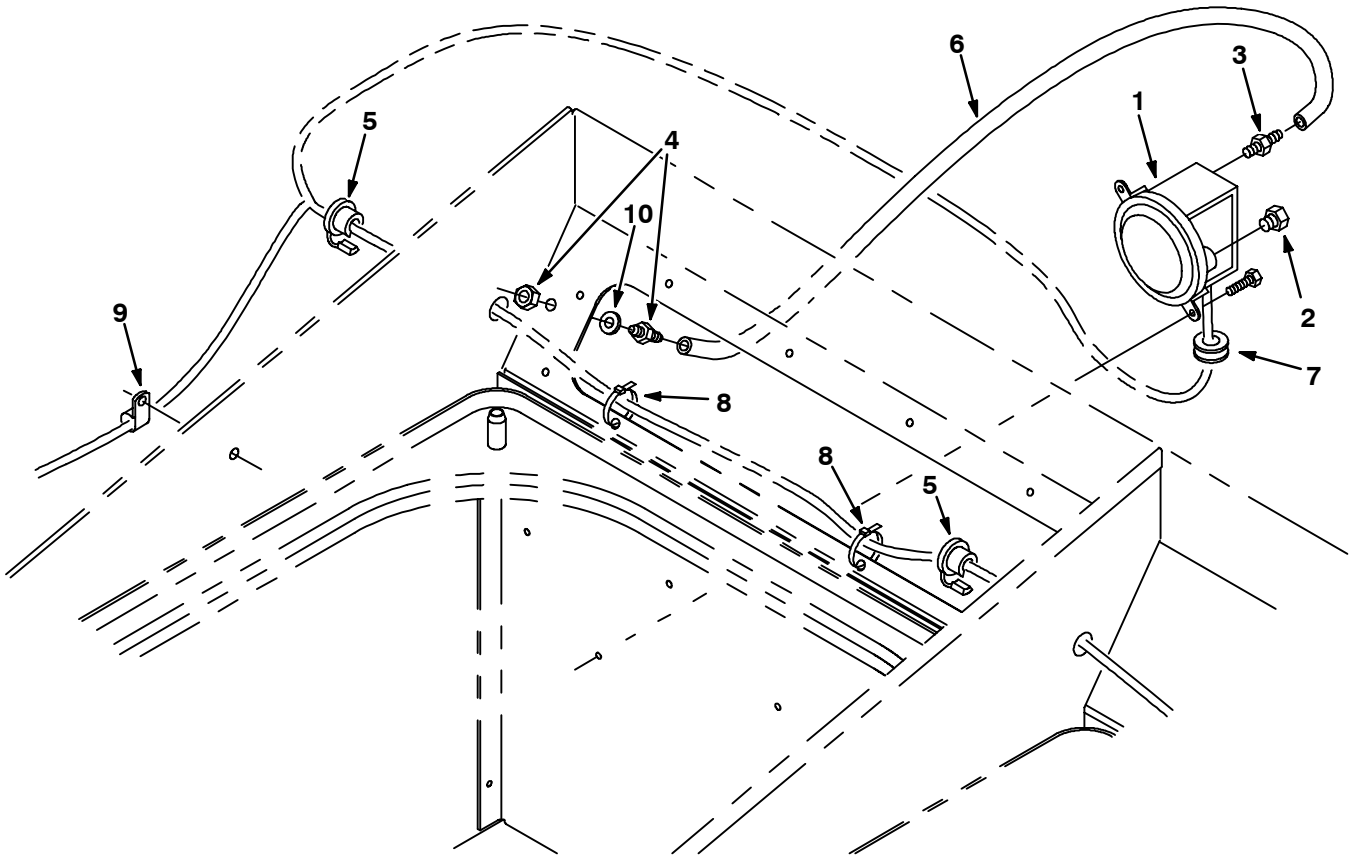


Fig. 18 - Hopper Pressure Switch Group

Ref.	Part No.	Serial Number	Description	Qty.
1	75465	(004000-	) Switch, Pressure	1
2	82739	(004000-	) Ftg, Breather	1
3	40607	(004000-	) Ftg-Brs Str Bm03/Pm02	1
4	39923	(004000-	) Ftg,Bulkhead-Barb Wh 1074X4	1
5	34864	(004000-	) Strain,Relief	2
6	73727	(004000-	) Hose, Vac, Rubber	1
7	10632-4	(004000-	) Grommet,Rbr,0.62ld,For .06Matl	1
8	49266	(004000-	) Tie, Cable 1.75D Max 7.50Lg	8
9	40678	(004000-	) Clamp, Cable, Stl, 0.44d X 0.62w, 1h	2
10	43454	(004000-	) Washer	1

Fig. 19 - Engine and Alternator Group (004000-004936)

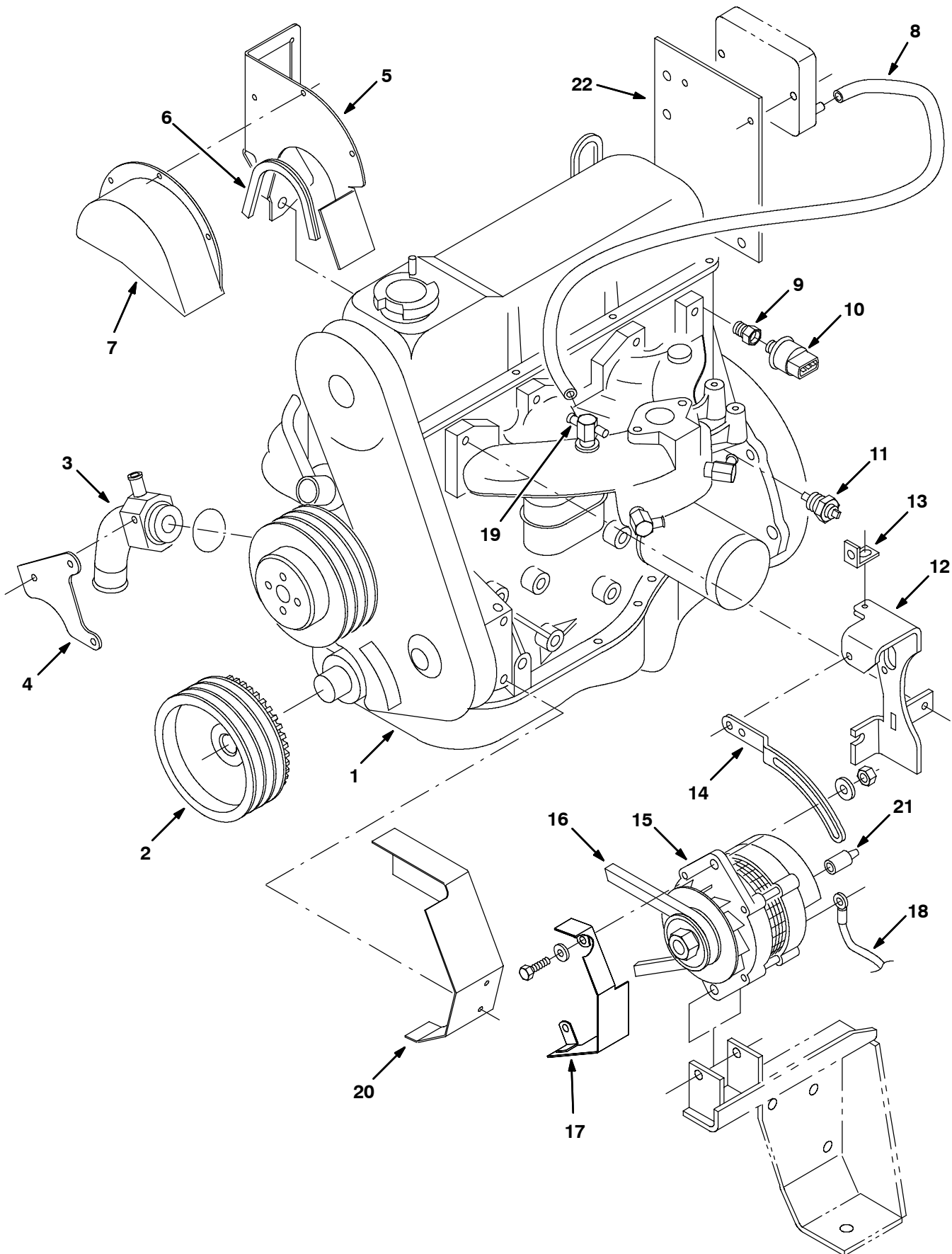


Fig. 19 - Engine and Alternator Group (004000-004936)

Ref.	Part No.	Serial Number	Description	Qty.
1	83652	(004000-004215)	Engine Purch Kit, Lrg423 (See 2.3L Engine Brkdn)	1
1	385411	(004216-004936)	Engine Purch Kit, Lrg425 (See 2.5L Engine Brkdn)	1
2	83664	(004000-004936)	Sheave, Eng Crank,Fd W/Tg 2Gr	1
3	83729	(004000-004936)	Adaptor, Water Pump Machined	1
4	83731	(004000-004936)	Plate, Mounting, Water Pump	1
5	385417	(004000-004936)	Bracket, Mtg, Coil	1
6	59375	(004000-004936)	Extrusion,.062 Matl10.10Lg	1
7	21294	(004000-004936)	Cover	1
8	19774	(004000-004936)	Hose, Vacuum,.16ld X 15.0 Lg	1
9	17414	(004000-004936)	Ftg-Hyd Str Pm04/Pf02	1
10	79399	(004000-004936)	Switch, Pressure Oil	1
11	36165	(004000-004936)	Send Unit, Temperature	1
12	83750	(004000-004936)	Bracket Wldt, Alternator Mtg	1
13	31038	(004000-004936)	Brkt-L,1.2 1.0 .12 .8L2/H&S	1
14	31526	(004000-004936)	Arm Alternator	1
▽	15	60559	(004000-004936) Alternator, 50A/12V Mando	1
▲		61931	(004000-004936) Regulator	1
▲		86041	(004000-004936) Bearing,Ball.669B 1.575D .472W	1
▲		61529	(004000-004936) Brush Kit	1
▲		61531	(004000-004936) Rectifier	1
▲		70160	(004000-004936) Pulley, Alternator	1
	16	83692	(004000-004936) Belt, V, Hc 38-46.375	1
	17	74076	(004000-004936) Guard Wldt, Alternator, F/60559	1
	18	82731	(004000-004936) Wire-Ground, Alternator	1
	19	630094	(004000-004936) Cap	1
	20	83853	(004000-004936) Cover Weldt.	1
	21	61363	(004000-004936) Boot, Str .42ID .12H .25L	2
	22	83747	(004000-004936) Bracket, Ignition	1

Fig. 20 - Engine Mount Group (004000-004936)

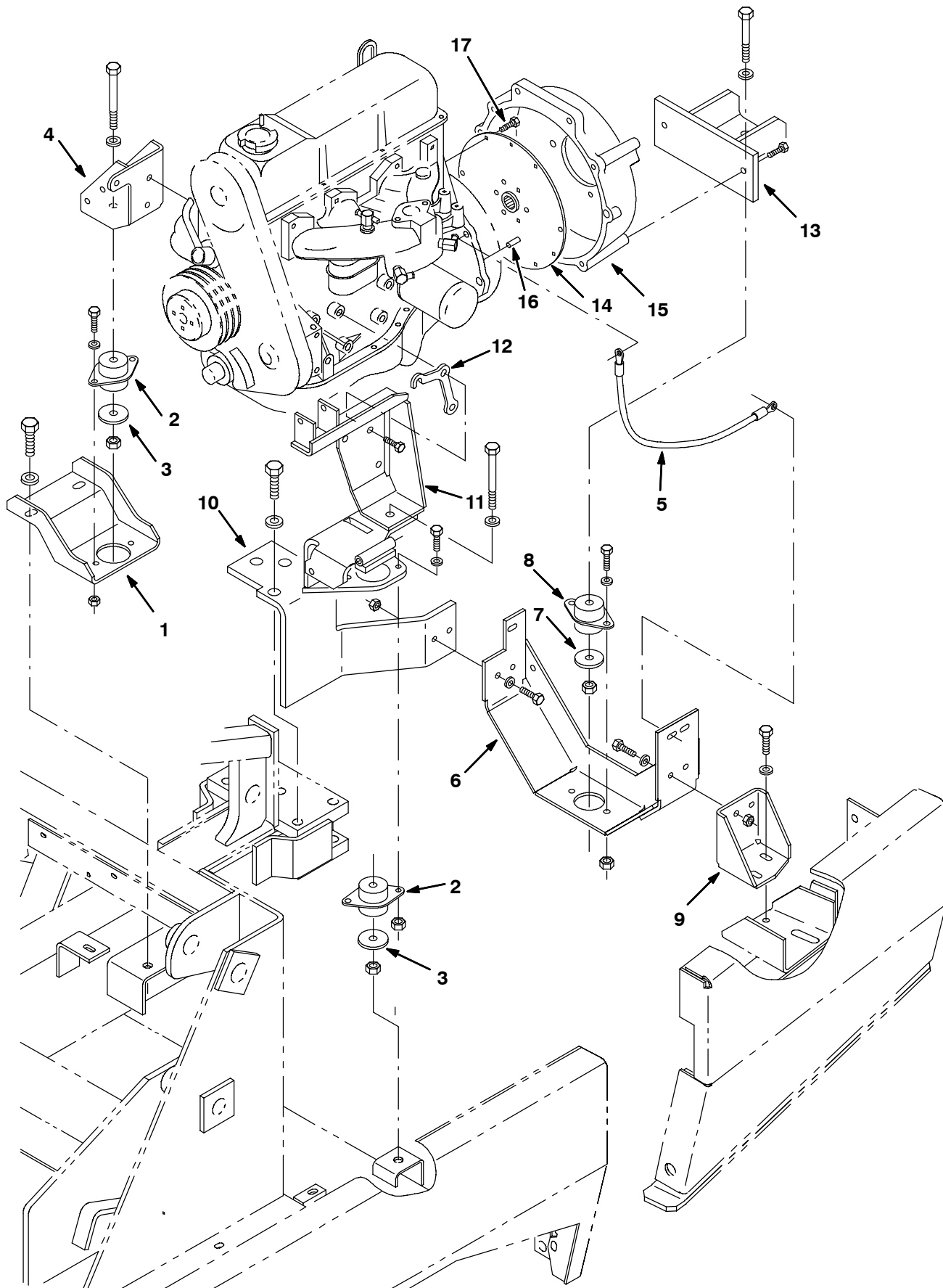


Fig. 20 - Engine Mount Group (004000-004936)

Ref.	Part No.	Serial Number	Description	Qty.
1	83674	(004000-004936)	Bracket, Mtg, Eng, Rh	1
2	63695	(004000-004936)	Isolator, Mounting	2
3	04414	(004000-004936)	Washer, .531B 1.88D .12Hard Zn	2
4	385426	(004000-004936)	Bracket, Eng Mtg Rh	1
5	57773	(004000-004936)	Wire Ass'Y-Elect.,Ground	1
6	77430	(004000-004936)	Bracket, Mounting, Eng, Rear	1
7	57048	(004000-004936)	Washer, .532B 2.13D .11Hr.Znc	1
8	63263	(004000-004936)	Isolator, Mtg	1
9	77434	(004000-004936)	Bracket, Mounting, Eng,Rear Lh	1
10	77435	(004000-004936)	Bracket, Mtg, Eng, Rear	1
11	380598	(004000-004936)	Bracket Wldt, Eng/Alt Mount	1
12	83673	(004000-004936)	Plate, Spacer, Mtg, Eng 2.3Fd	1
13	63535	(004000-004215)	Channel Wldt, Mtg, Engine,Rear	1
13	385412	(004216-004936)	Channel Wldt, Mtg, Engine,Rear	1
14	35980	(004000-004936)	Coupling Flywheel	1
15	83689	(004000-004215)	Housing, Flywheel, Machined 2.3 Lrg	1
15	385433	(004216-004936)	Housing, Flywheel, 2.5 Lrg	1
16	14296	(004216-004936)	Pin, Roll	3
17	375193	(004000-004936)	Screw, Hex, M08 X 1.00 X 16, 10.9	6

Fig. 21 - Engine Group (004937-005999)

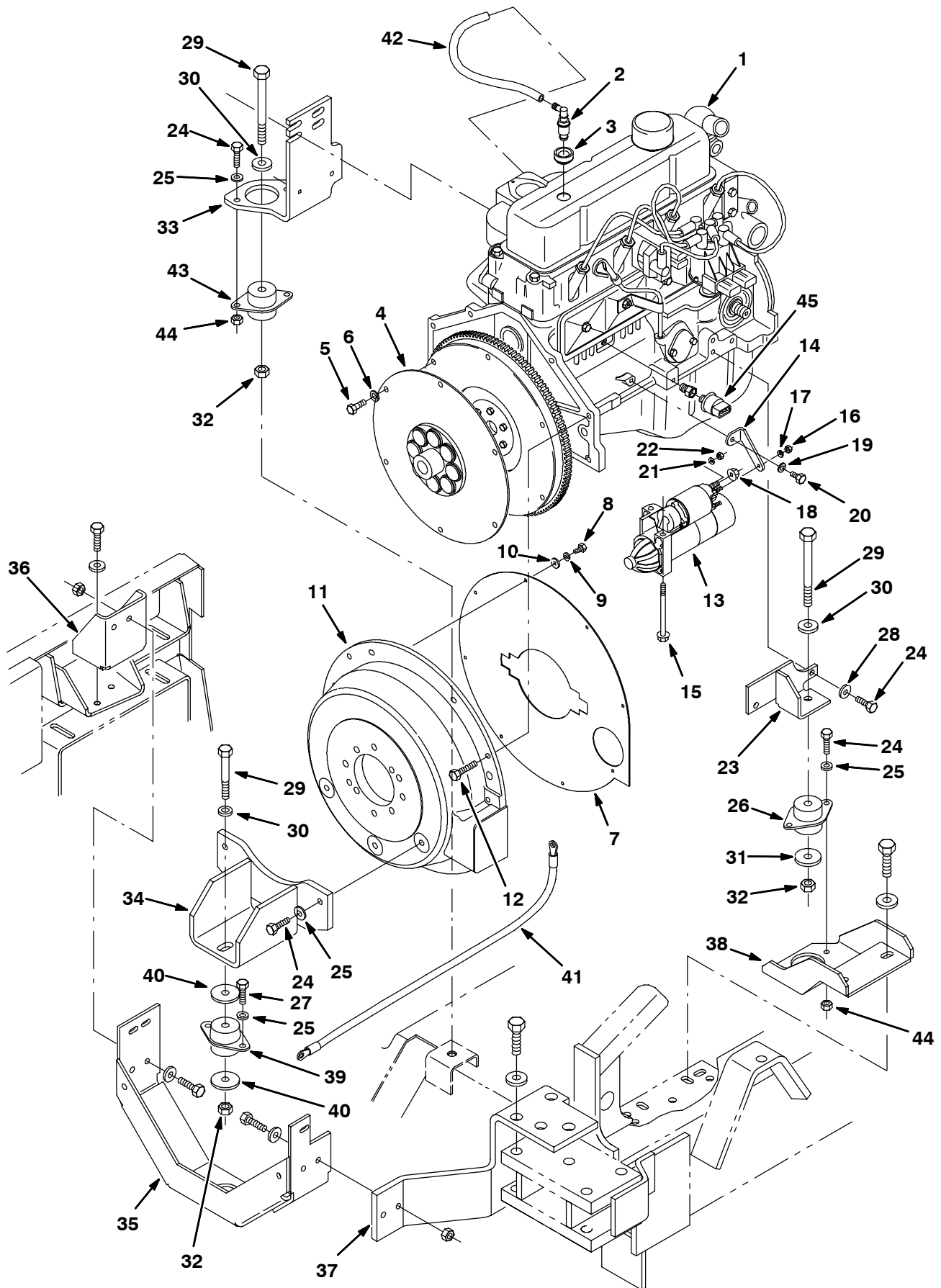


Fig. 21 - Engine Group (004937-005999)

Ref.	Part No.	Serial Number	Description	Qty.
1	392561	(004937-005999)	Engine, Gm, 3.0 Liter, Gas (See GM Engine Breakdown)	1
1	392563	(004937-005999)	Engine, Gm, 3.0 Liter, Lpg (See GM Engine Breakdown)	1
2	393975	(004937-005999)	Valve, [Pcv]	1
3	393984	(004937-005999)	Grommet	1
4	371507	(004937-005999)	Plate, Drive	1
5	371508	(004937-005999)	Bolt, Clutch	6
6	371509	(004937-005999)	Washer, Lock, .38	11
7	371761	(004937-005999)	Shield, Dust	1
8	19315	(004937-005999)	Screw, Hex, .25-20 X 0.50, 5	8
9	371512	(004937-005999)	Washer, Lock, .25	8
10	32483	(004937-005999)	Washer, Flat, .25 Sae	8
11	371762	(004937-005999)	Housing	1
12	55347	(004937-005999)	Screw, Hex, .38-16 X 2.00, FI	1
13	371516	(004937-005999)	Starter	1
14	371517	(004937-005999)	Bracket, Starter	1
15	371518	(004937-005999)	Bolt, Starter	1
16	50335	(004937-005999)	Nut, Hex, Std, M05 X 0.8	2
17	371519	(004937-005999)	Washer, Loc, M5	1
18	07791	(004937-005999)	Nut, Hex, Flng, M08 X 1.25	1
19	393994	(004937-005999)	Washer, Lock, .31	1
20	54396	(004937-005999)	Screw, Hex, .31-18 X 0.75, 5	1
21	371520	(004937-005999)	Washer, Lock, #10	1
22	19311	(004937-005999)	Nut, Hex, Std, #10-24	1
23	392622	(004937-005999)	Bracket, Mtg, Eng, Rh	1
24	21197	(004937-005999)	Screw, Hex, .38-16 X 1.00, 5	8
25	32492	(004937-005999)	Washer, Flat, .38 Std	8
26	63695	(004937-005999)	Isolator, Vib, Flng, 1.3l .5b 2/.39h	1
27	21198	(004937-005999)	Screw, Hex, M08 X 1.25 X 25, 8.8	4
28	32425	(004937-005999)	Washer, Flat, .31 Std	2
29	06972	(004937-005999)	Screw, Hex, M12 X 1.75 X 60, 8.8	4
30	32493	(004937-005999)	Washer, Flat, .50 Std	4
31	04414	(004937-005999)	Washer, 0.53b 1.88d .12, Stl, Pl	3
32	08711	(004937-005999)	Nut, Hex, Lock, M12 X 1.75, NI	4
33	392642	(004937-005999)	Bracket, Mtg, Eng, Lh	1
34	392619	(004937-005999)	Channel Wldt, Mtg, Eng, Rear	1
35	77430	(004937-005999)	Bracket, Mounting, Eng, Rear	1
36	77434	(004937-005999)	Bracket, Mounting, Eng, Rear Lh	1
37	77435	(004937-005999)	Bracket, Mtg, Eng, Rear	1
38	83674	(004937-005999)	Bracket, Mtg, Eng, Rh	1
39	63263	(004937-005999)	Isolator, Mtg	1
40	57048	(004937-005999)	Washer, .532B 2.13D .11Hr.Znc	2
41	57773	(004937-005999)	Wire Ass'Y-Elect., Ground	1
42	393973	(004937-005999)	Hose, [Pcv]	1
43	75768	(004937-005999)	Isolator, Vib, Flng, 2.0l .5b 2/.41h	1
44	50902	(004937-005999)	Nut, Hex, Lock, .38-16, NI	4
45	371572	(004937-005999)	Sending unit, Oil Press	1

Fig. 22 - Engine Group (006000-006999)

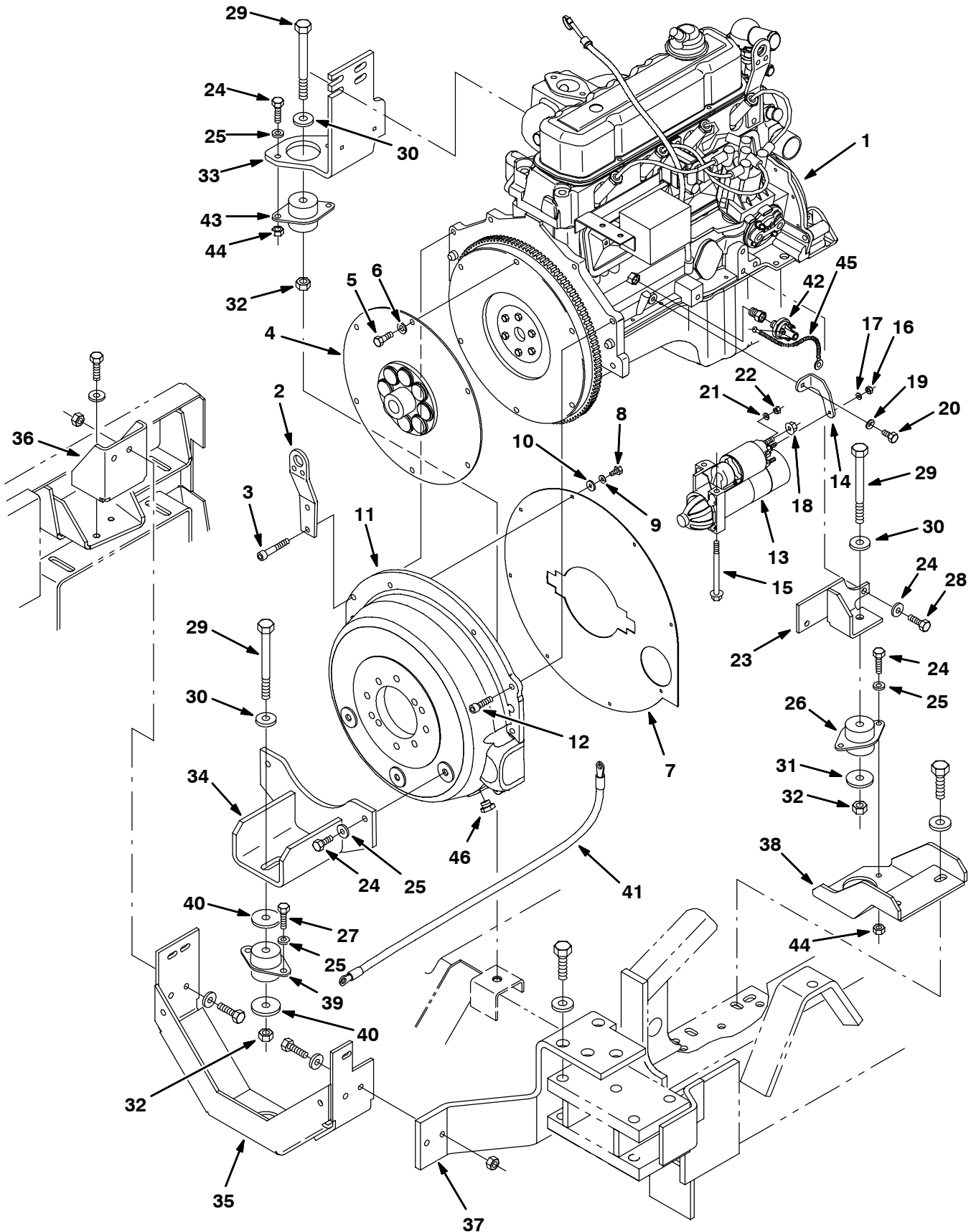


Fig. 22 - Engine Group (006000-006999)

Ref.	Part No.	Serial Number	Description	Qty.
1	1012719	(006000-006999)	Engine Assy, Gas, Clsd Loop [Gm, 3.0] (See GM Engine Breakdown)	1
1	1012720	(006000-006999)	Engine Assy, LPG, Clsd Loop [Gm, 3.0] (See GM Engine Breakdown)	1
2	372457	(006000-006999)	Bolt, Eye, Lift	1
3	372479	(006000-006999)	Screw, Soc, .38-16 X 2.25, G5	1
4	372456	(006000-006999)	Plate, Drive	1
5	371508	(006000-006999)	Bolt, Clutch	6
6	371509	(006000-006999)	Washer, Lock, .38	11
7	371761	(006000-006999)	Shield, Dust	1
8	19315	(006000-006999)	Screw, Hex, .25-20 X 0.50, 5	8
9	371512	(006000-006999)	Washer, Lock, .25	8
10	32483	(006000-006999)	Washer, Flat, .25 Sae	8
11	372458	(006000-006999)	Housing	1
12	55347	(006000-006999)	Screw, Hex, .38-16 X 2.00, FI	1
13	371516	(006000-006999)	Starter	1
14	372473	(006000-006999)	Bracket, Starter	1
15	371518	(006000-006999)	Bolt, Starter	1
16	50335	(006000-006999)	Nut, Hex, Std, M05 X 0.8	2
17	371519	(006000-006999)	Washer, Loc, M5	1
18	07791	(006000-006999)	Nut, Hex, Flng, M08 X 1.25	1
19	393994	(006000-006999)	Washer, Lock, .31	1
20	54396	(006000-006999)	Screw, Hex, .31-18 X 0.75, 5	1
21	371520	(006000-006999)	Washer, Lock, #10	1
22	19311	(006000-006999)	Nut, Hex, Std, #10-24	1
23	392622	(006000-006999)	Bracket, Mtg, Eng, Rh	1
24	21197	(006000-006999)	Screw, Hex, .38-16 X 1.00, 5	8
25	32492	(006000-006999)	Washer, Flat, .38 Std	8
26	63695	(006000-006999)	Isolator, Vib, Flng, 1.3l .5b 2/.39h	1
27	21198	(006000-006999)	Screw, Hex, M08 X 1.25 X 25, 8.8	4
28	32425	(006000-006999)	Washer, Flat, .31 Std	2
29	06972	(006000-006999)	Screw, Hex, M12 X 1.75 X 60, 8.8	4
30	32493	(006000-006999)	Washer, Flat, .50 Std	4
31	04414	(006000-006999)	Washer, 0.53b 1.88d .12, Stl, Pl	3
32	08711	(006000-006999)	Nut, Hex, Lock, M12 X 1.75, NI	4
33	392642	(006000-006999)	Bracket, Mtg, Eng, Lh	1
34	1014411	(006000-006999)	Channel Wldt, Mtg, Eng, Rear	1
35	77430	(006000-006999)	Bracket, Mounting, Eng, Rear	1
36	77434	(006000-006999)	Bracket, Mounting, Eng, Rear Lh	1
37	77435	(006000-006999)	Bracket, Mtg, Eng, Rear	1
38	83674	(006000-006999)	Bracket, Mtg, Eng, Rh	1
39	63263	(006000-006999)	Isolator, Mtg	1
40	57048	(006000-006999)	Washer, .532B 2.13D .11Hr.Znc	2
41	57773	(006000-006999)	Wire Ass'Y-Elect.,Ground	1
42	372445	(006000-006999)	Sending unit, Oil Press	1
43	75768	(006000-006999)	Isolator, Vib, Flng, 2.0l .5b 2/.41h	1
44	50902	(006000-006999)	Nut, Hex, Lock, .38-16, NI	4
45	372474	(006000-006999)	Harness, Switch, Oil Press, Ground Wire	1
46	1018573	(006000-006999)	Screw, Hex, .62-18 X 0.31	1

Fig. 23 - Engine Group (007000-)

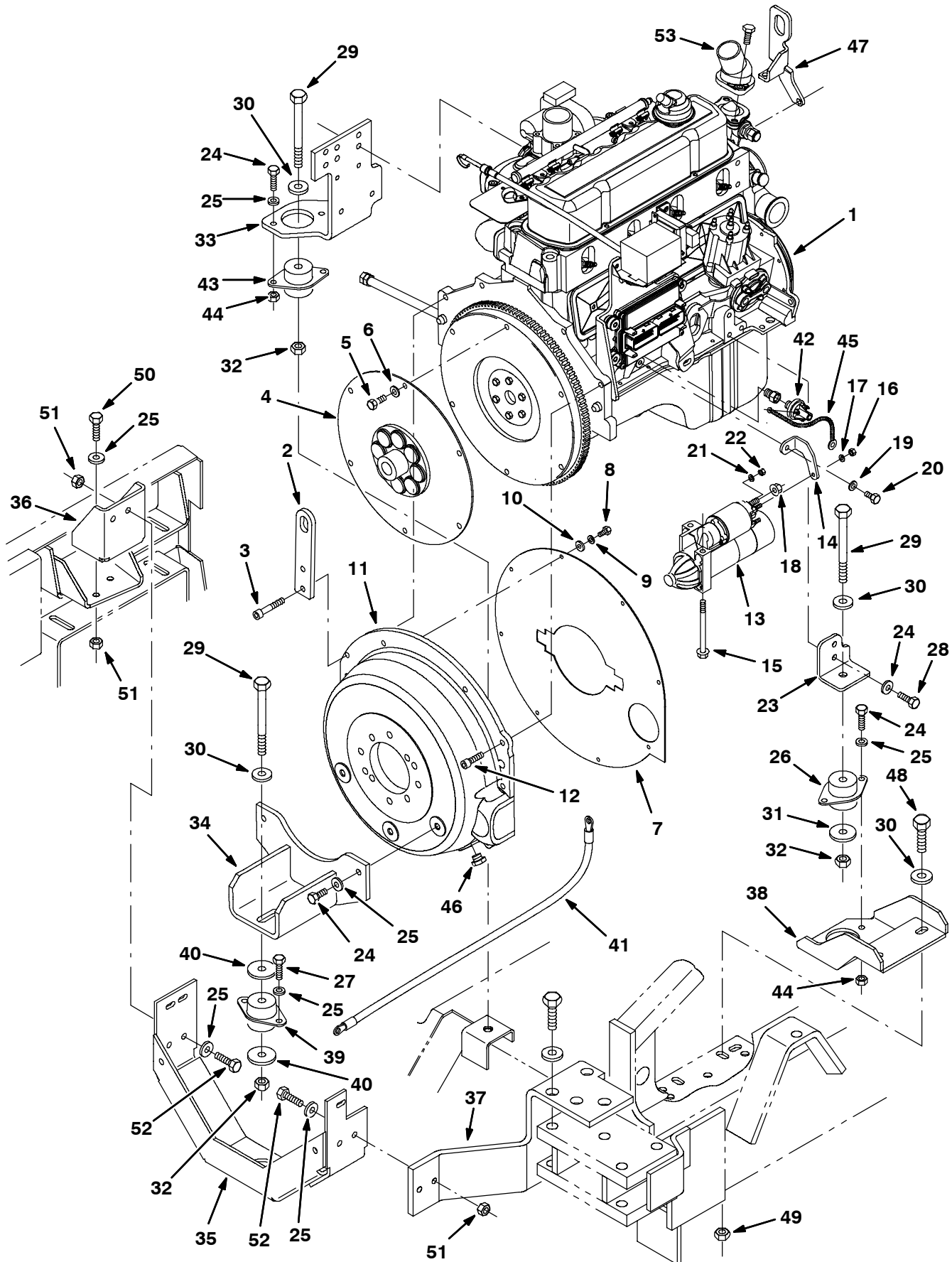


Fig. 23 - Engine Group (007000-)

Ref.	Part No.	Serial Number	Description	Qty.
1	385019	(007000-	) Engine, Block, Long [Gm3.0l] (See GM Engine Break-down)	1
2	1034105	(007000-	) Hook, Lift [Gm3.0l 2007]	1
3	372479	(007000-	) Screw, Soc, .38-16 X 2.25, G5	1
4	372456	(007000-	) Plate, Drive	1
5	371508	(007000-	) Bolt, Clutch	6
6	371509	(007000-	) Washer, Lock, .38	11
7	371761	(007000-	) Shield, Dust	1
8	19315	(007000-	) Screw, Hex, .25-20 X 0.50, 5	8
9	371512	(007000-	) Washer, Lock, .25	8
10	32483	(007000-	) Washer, Flat, .25 Sae	8
11	372458	(007000-	) Housing	1
12	55347	(007000-	) Screw, Hex, .38-16 X 2.00, FI	1
13	371516	(007000-	) Starter	1
14	372473	(007000-	) Bracket, Starter	1
15	371518	(007000-	) Bolt, Starter	1
16	50335	(007000-	) Nut, Hex, Std, M05 X 0.8	2
17	371519	(007000-	) Washer, Loc, M5	1
18	07791	(007000-	) Nut, Hex, Flng, M08 X 1.25	1
19	393994	(007000-	) Washer, Lock, .31	1
20	54396	(007000-	) Screw, Hex, .31-18 X 0.75, 5	1
21	371520	(007000-	) Washer, Lock, #10	1
22	19311	(007000-	) Nut, Hex, Std, #10-24	1
23	1029375	(007000-	) Bracket, Mtg, Eng, Rh	1
24	21197	(007000-	) Screw, Hex, .38-16 X 1.00, 5	8
25	32492	(007000-	) Washer, Flat, .38 Std	11
26	63695	(007000-	) Isolator, Vib, Flng, 1.3l .5b 2/.39h	1
27	21198	(007000-	) Screw, Hex, M08 X 1.25 X 25, 8.8	4
28	32425	(007000-	) Washer, Flat, .31 Std	2
29	06972	(007000-	) Screw, Hex, M12 X 1.75 X 60, 8.8	4
30	32493	(007000-	) Washer, Flat, .50 Std	6
31	04414	(007000-	) Washer, 0.53b 1.88d .12, Stl, Pl	3
32	08711	(007000-	) Nut, Hex, Lock, M12 X 1.75, NI	4
33	1031961	(007000-	) Bracket, Mtg, Eng, Lh	1
34	1014411	(007000-	) Channel Wldt, Mtg, Eng, Rear	1
35	77430	(007000-	) Bracket, Mounting, Eng, Rear	1
36	77434	(007000-	) Bracket, Mounting, Eng, Rear Lh	1
37	77435	(007000-	) Bracket, Mtg, Eng, Rear	1
38	83674	(007000-	) Bracket, Mtg, Eng, Rh	1
39	63263	(007000-	) Isolator, Mtg	1
40	57048	(007000-	) Washer, .532B 2.13D .11Hr.Znc	2
41	57773	(007000-	) Wire Ass'Y-Elect., Ground	1
42	372445	(007000-	) Sending unit, Oil Press	1
43	75768	(007000-	) Isolator, Vib, Flng, 2.0l .5b 2/.41h	1
44	50902	(007000-	) Nut, Hex, Lock, .38-16, NI	4

Fig. 23 - Engine Group (007000-)

Ref.	Part No.	Serial Number	Description	Qty.
45	372474	(007000-)	Harness, Switch, Oil Press, Ground Wire	1
46	1018573	(007000-)	Screw, Hex, .62-18 X 0.31	1
47	1029334	(007000-)	Hook, Lift [Gm3.0l 2007]	1
48	06968	(007000-)	Screw, Hex, M12 X 1.75 X 35, 8.8	2
49	08711	(007000-)	Nut, Hex, Lock, M12 X 1.75, NI	2
50	03192	(007000-)	Screw, Hex, M10 X 1.5 X 30, 8.8	2
51	41430	(007000-)	Nut, Hex, Lock, M10 X 1.5, NI	6
52	39284	(007000-)	Screw, Hex, M10 X 1.5 X 35, 8.8	4
53	1030272	(007000-)	Thermostat Housing [Gm3.0l 2007]	1

Fig. 24 - Engine Alternator Group (004937-005999)

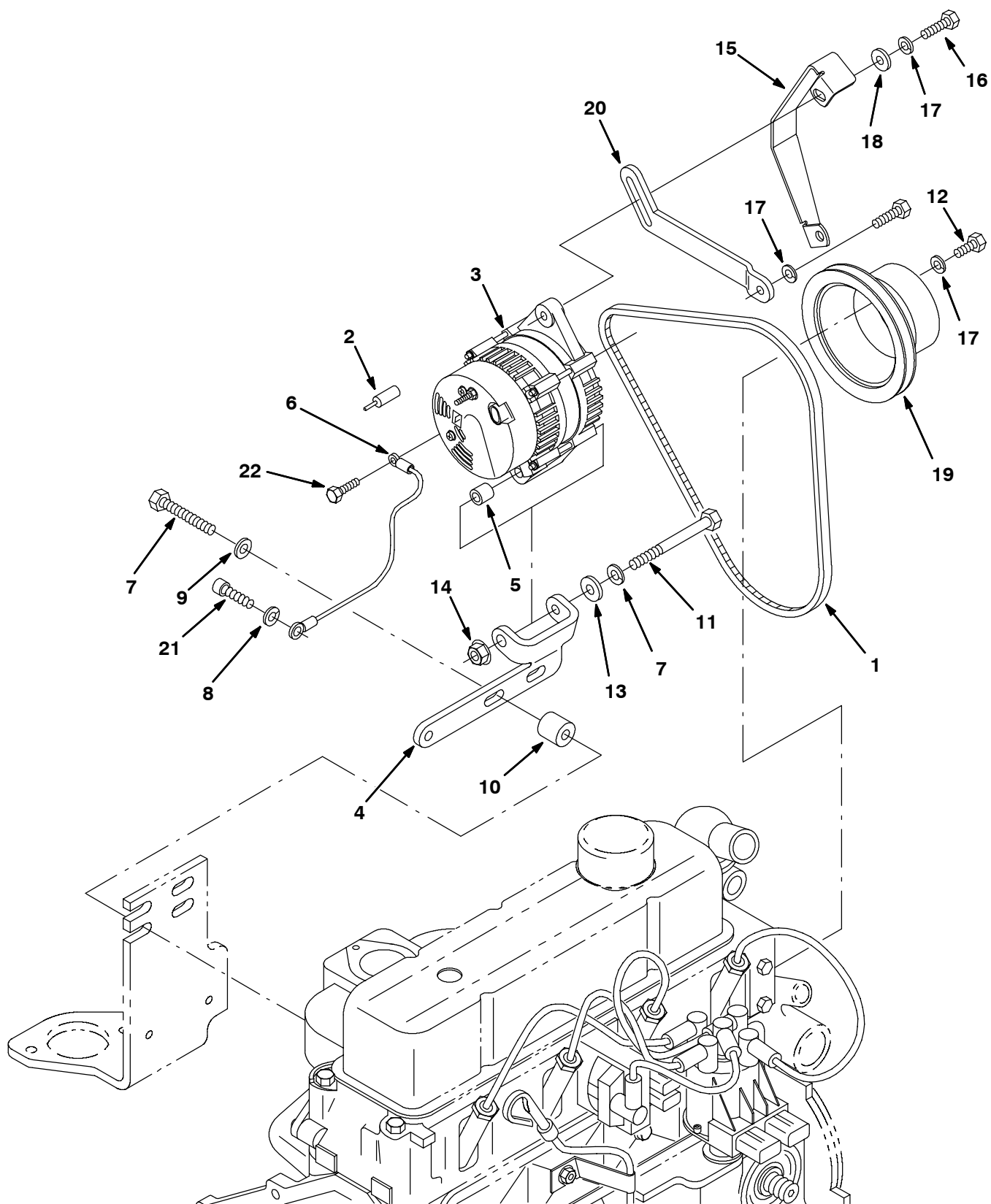


Fig. 24 - Engine Alternator Group (004937-005999)

Ref.	Part No.	Serial Number	Description	Qty.
1	64899	(004937-005999)	Belt, V, [3v] 40.0l, 1only [Hc38]	1
2	61363	(004937-005999)	Boot, Str 0.42id .12h 0.25l	1
3	392611	(004937-005999)	Alternator, 12vdc, 075a [Valeo]	1
4	1008094	(004937-005999)	Bracket, Alternator	1
5	371526	(004937-005999)	Sleeve, Alternator	1
6	371527	(004937-005999)	Wire, Ground	1
7	371509	(004937-005999)	Washer, Lock, .38	2
8	27991	(004937-005999)	Screw, Hex, .38-16 X 2.25, 5	2
9	32492	(004937-005999)	Washer, Flat, .38 Std	2
10	35756	(004937-005999)	Tube, 01.00d 00.50b 01.0l Stl Pnt	2
11	371529	(004937-005999)	Screw, .38-24 X 4.0	1
12	07592	(004937-005999)	Screw, Hex, .31-24 X 0.75, 5	4
13	32485	(004937-005999)	Washer, Flat, .38 Sae	1
14	371528	(004937-005999)	Nut, Flanged, .38-24	1
15	83581	(004937-005999)	Guard, Belt, Alternator	1
16	76956	(004937-005999)	Screw, Hex, .31-18 X 1.25, 5	1
17	393994	(004937-005999)	Washer, Lock, .31	6
18	32491	(004937-005999)	Washer, Flat, .31 Std	1
19	393998	(004937-005999)	Pulley, Fan	1
20	1007162	(004937-005999)	Arm, Alternator	1
21	371770	(004937-005999)	Screw	1
22	42011	(004937-005999)	Screw	1

Fig. 25 - Engine Alternator Group (006000-006999)

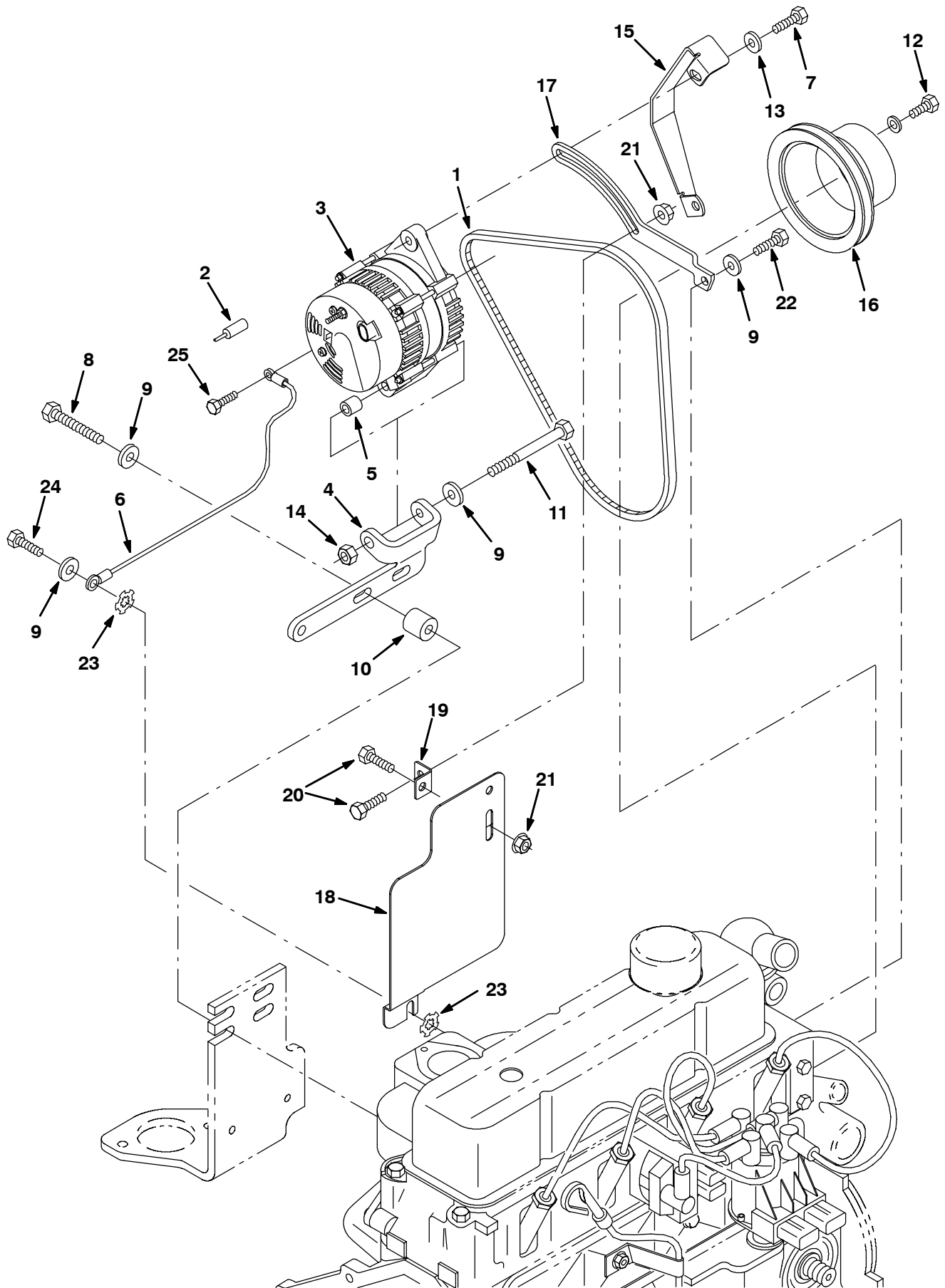


Fig. 25 - Engine Alternator Group (006000-006999)

Ref.	Part No.	Serial Number	Description	Qty.
1	393227	(006000-006999)	Belt, V, [3v] 39.6l [Hc41]	1
2	61363	(006000-006999)	Boot, Str 0.42id .12h 0.25l	1
3	392611	(006000-006999)	Alternator, 12vdc, 075a [Valeo]	1
4	1008094	(006000-006999)	Bracket, Alternator	1
5	371526	(006000-006999)	Sleeve, Alternator	1
6	371527	(006000-006999)	Wire, Ground	1
7	76955	(006000-006999)	Screw, Hex, .31-18 X 1.00, 5	1
8	27991	(006000-006999)	Screw, Hex, .38-16 X 2.25, 5	2
9	32485	(006000-006999)	Washer, Flat, 0.38 Sae	5
10	35756	(006000-006999)	Tube, 01.00d 00.50b 01.0l Stl Pnt	2
11	20177	(006000-006999)	Screw, Hex, .38-16 X 4.00, 5	1
12	07592	(006000-006999)	Screw, Hex, .31-24 X 0.75, 5	4
13	41186	(006000-006999)	Washer, Belleville, .31	1
14	50902	(006000-006999)	Nut, Hex, Lock, .38-16, NI	1
15	83581	(006000-006999)	Guard, Belt, Alternator	1
16	393998	(006000-006999)	Pulley, Fan	1
17	1007162	(006000-006999)	Arm, Adj, Alternator	1
18	1019513	(006000-006999)	Plate, Shield, Heat	1
19	1008513	(006000-006999)	Angle, Heat, Shield	1
20	16735	(006000-006999)	Screw, Hex, M8 X 1.25 X 16, 8.8	2
21	07791	(006000-006999)	Nut, Hex, Flng, M8 X 1.25	2
22	21195	(006000-006999)	Screw, Hex, .38-16 X 0.75, 5	1
23	41142	(006000-006999)	Washer, Lock, Int-ext, .38	2
24	21197	(006000-006999)	Screw, Hex, .38-16 X 1.00, 5	1
25	42011	(006000-006999)	Screw, Hex, #10-24 X 0.50, Ss	1

Fig. 26 - Engine Alternator Group (007000-

)

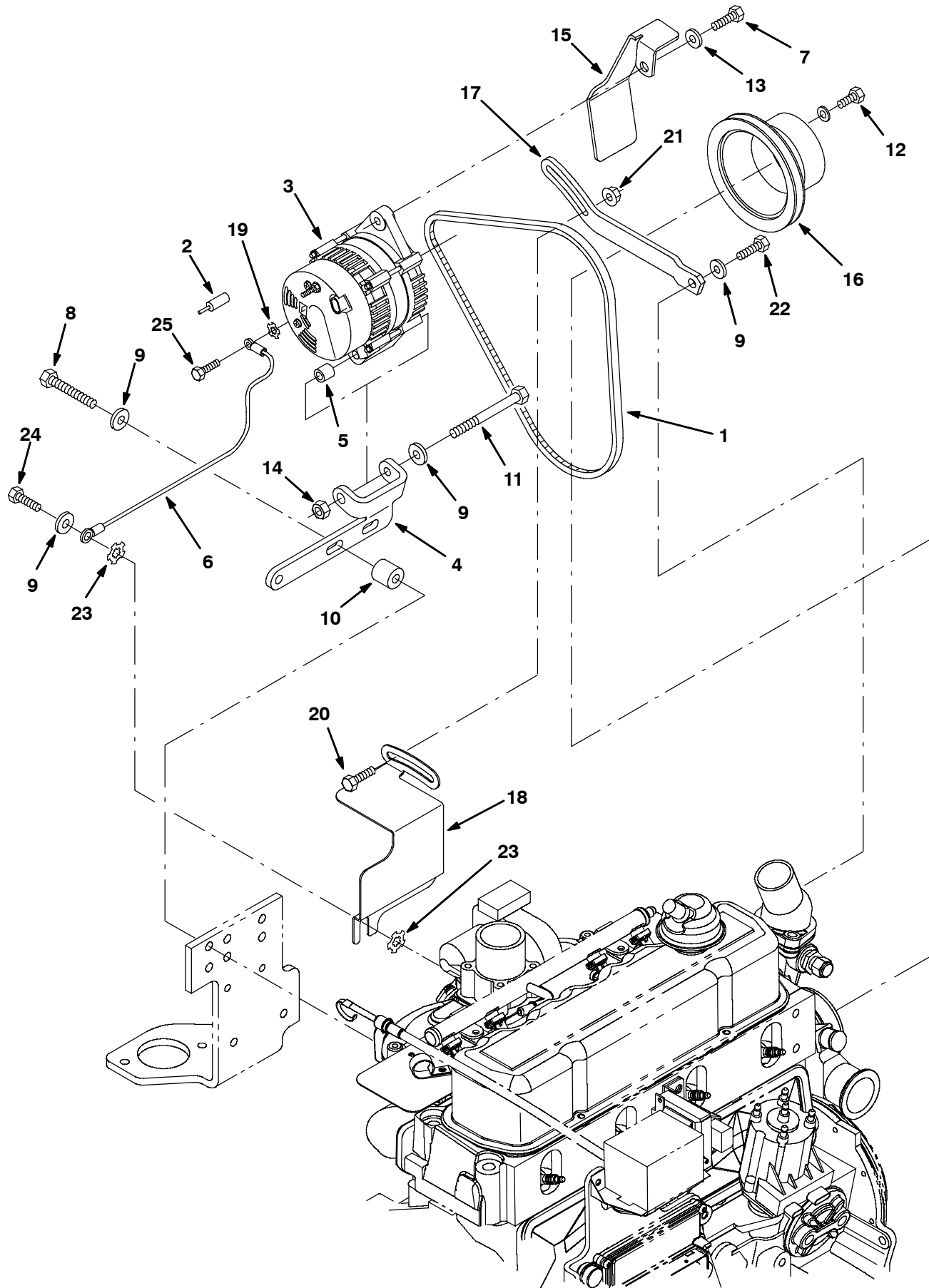


Fig. 26 - Engine Alternator Group (007000-)

Ref.	Part No.	Serial Number	Description	Qty.
1	393227	(007000-	) Belt, V, [3v] 39.6l [Hc41]	1
2	61363	(007000-	) Boot, Str 0.42id .12h 0.25l	1
3	392611	(007000-	) Alternator, 12vdc, 075a [Valeo]	1
4	1008094	(007000-	) Bracket, Alternator	1
5	371526	(007000-	) Sleeve, Alternator	1
6	371527	(007000-	) Wire, Ground	1
7	76955	(007000-	) Screw, Hex, .31-18 X 1.00, 5	1
8	27991	(007000-	) Screw, Hex, .38-16 X 2.25, 5	2
9	32485	(007000-	) Washer, Flat, 0.38 Sae	5
10	35756	(007000-	) Tube, 01.00d 00.50b 01.0l Stl Pnt	2
11	20177	(007000-	) Screw, Hex, .38-16 X 4.00, 5	1
12	07592	(007000-	) Screw, Hex, .31-24 X 0.75, 5	4
13	41186	(007000-	) Washer, Belleville, .31	1
14	50902	(007000-	) Nut, Hex, Lock, .38-16, NI	1
15	1008538	(007000-	) Bracket, Guard, Alternator, Hd [Gm3.0l]	1
16	393998	(007000-	) Pulley, Fan	1
17	1029649	(007000-	) Arm, Adjmt, Alternator	1
18	1030635	(007000-	) Shield, Heat, Alternator [2007]	1
19	32980	(007000-	) Washer, Lock, Int, #10	1
20	16735	(007000-	) Screw, Hex, M8 X 1.25 X 16, 8.8	1
21	07791	(007000-	) Nut, Hex, Flng, M8 X 1.25	1
22	21195	(007000-	) Screw, Hex, .38-16 X 0.75, 5	1
23	41142	(007000-	) Washer, Lock, Int-ext, .38	2
24	21197	(007000-	) Screw, Hex, .38-16 X 1.00, 5	1
25	42011	(007000-	) Screw, Hex, #10-24 X 0.50, Ss	1

Fig. 27 - Engine Oil Filter and Drain Group (004937-)

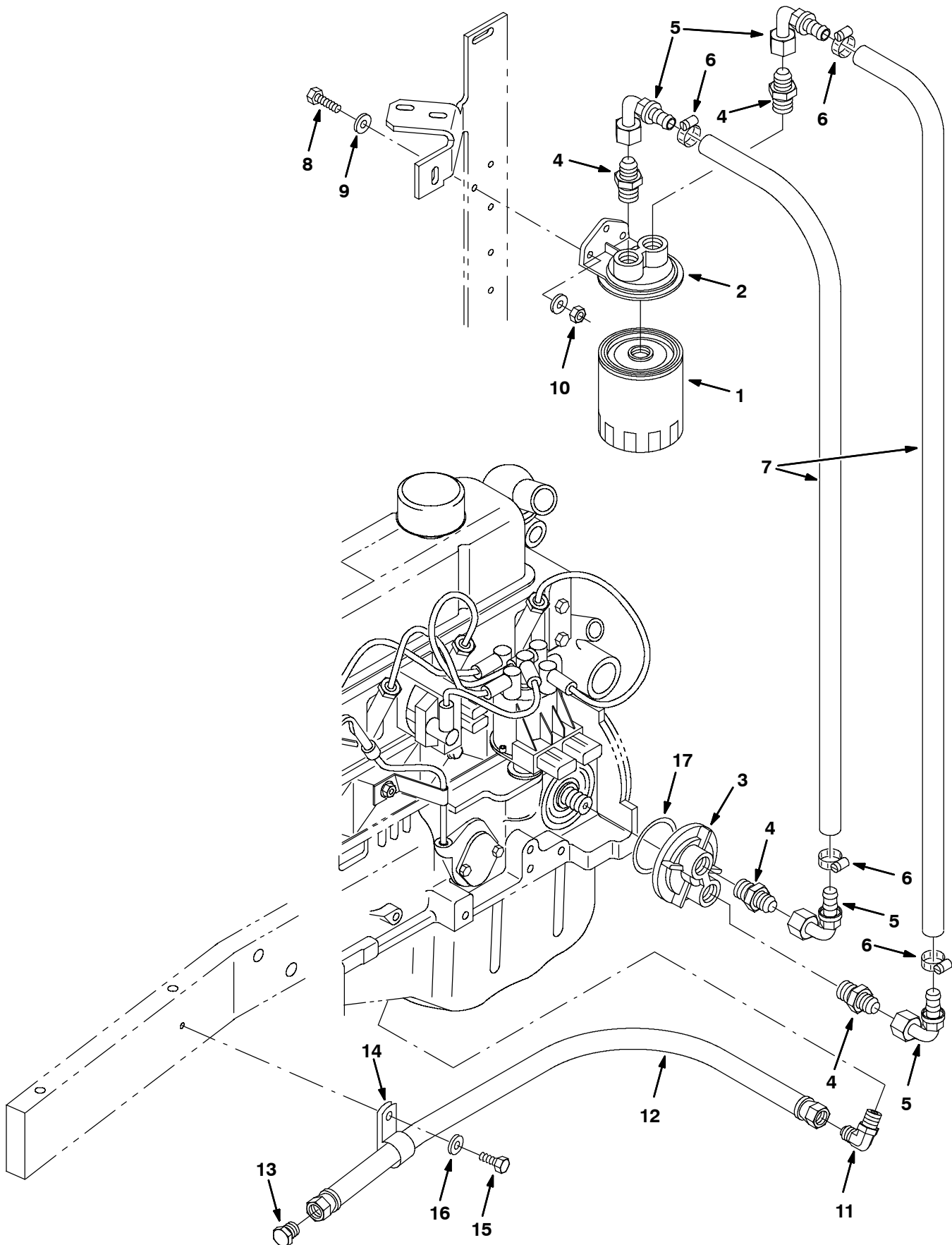


Fig. 27 - Engine Oil Filter and Drain Group (004937-)

Ref.	Part No.	Serial Number	Description	Qty.
1	393982	(004937-	) Filter, Oil	1
2	371503	(004937-	) Mount, Filter, Remote	1
3	371504	(004937-	) Adaptor, Filter, Remote	1
4	371505	(004937-	) Fitting	4
5	371500	(004937-	) Fitting, 90 Deg	4
6	11399	(004937-	) Clamp, Hose, Wormdrive, 0.81-1.50d	4
7	371502	(004937-	) Hose, .50	2
8	25046	(004937-	) Screw, Hex, .25-20 X 1.00, 5	2
9	19066	(004937-	) Washer, Flat, #10	2
10	32981	(004937-	) Nut, Hex, Lock, .25-20, NI	2
11	49934	(004937-	) Fitting, Hyd, E90, Pm06/Jm06	1
12	76762	(004937-	) Hose, Hyd, Low06, Jf06str /Jf06str , 26.0	1
13	19747	(004937-	) Fitting, Hyd, Plug, Jm06	1
14	58366	(004937-	) Clamp, Cable, Stl, 1.25d X 1.00w, 1h	1
15	12273	(004937-	) Screw, Hex, M8 X 1.25 X 20, Ss, NI	1
16	01685	(004937-	) Washer, Flat, 0.38 Ss	1
17	1032382	(004937-	) Seal, Org, .139 X 03.109 Id	1

Fig. 28 - Engine Carburetor and Governor Group, Gasoline (004000-004936)

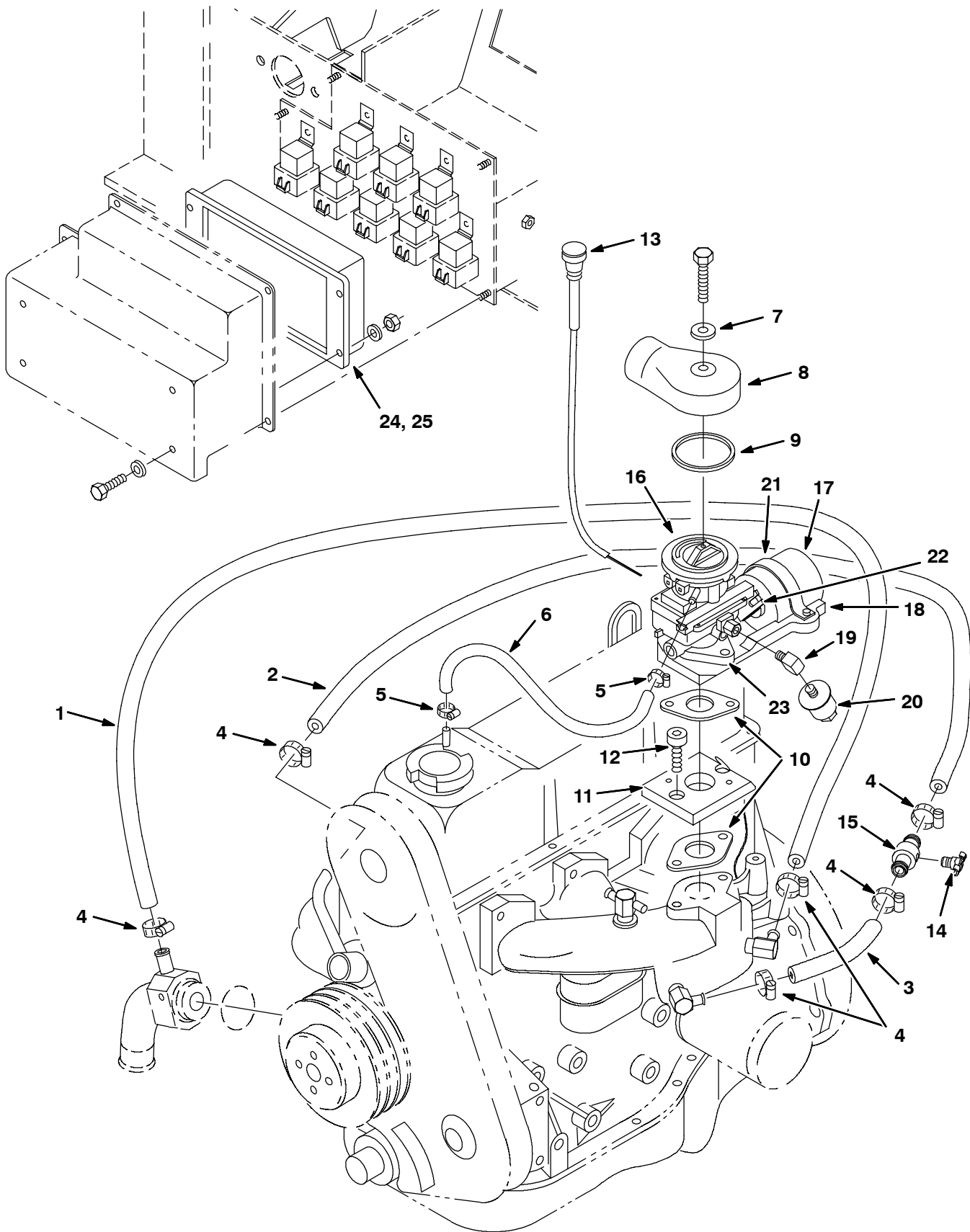


Fig. 28 - Engine Carburetor and Governor Group, Gasoline (004000-004936)

Ref.	Part No.	Serial Number	Description	Qty.
1	30389	(004000-004936)	Hose, Heater .62ldx53.0Lg	1
2	13048	(004000-004936)	Hose, Heater .62ld X 38.0Lg	1
3	60762	(004000-004936)	Hose, Heater .62ld X 15.0Lg	1
4	63810	(004000-004936)	Clamp-Wormdrive, 0.56- 1.06D	6
5	43844	(004000-004936)	Clamp-Wormdrive, 0.25- 0.62D	2
6	70876	(004000-004309)	Hose, Rubber.38ldx.62Od 21.0Lg	1
6	375718	(004310-004936)	Hose, Rubber	1
7	24924	(004000-004936)	Washer, .281B .62D .06Nylon	1
8	57934	(004000-004936)	Adaptor, Elbow, Carb, Gas	1
9	16738	(004000-004936)	Gasket, Carburetor Air Horn	1
10	74443	(004000-004936)	Gasket, Carb To Engine	2
11	83686	(004000-004936)	Adapter, Carburetor, Ford 2.3	1
12	33951	(004000-004936)	Scr Soc M6x1.0 20	2
13	47313A	(004000-004936)	Cable Assy,Choke 67.00Lg	1
14	83580	(004000-004936)	Fitting, Brass Drain Cock	1
15	83578	(004000-004936)	Tube, Air Bleed	1
▽	83678	(004000-004306)	Governor and Control Unit Assy, Gas	1
▲▽	83639	(004000-004306)	Governor Assy, Gas	1
▲▲	16 78897	(004000-004306)	Carburetor, Gas	1
▲▲	17 83683	(004000-004306)	Actuator-Lh, Governor	1
▲▲	18 83682	(004000-004306)	Bracket-Mtg, Governor	1
▲▲	19 11984	(004000-004306)	Ftg, El90 Npt/02Pf-02Pm	1
▲▲	20 36050	(004000-004306)	Filter, Fuel	1
▲▲	21 83685	(004000-004306)	Strap, Mounting	1
▲▲	22 83684	(004000-004306)	Linkage Kit, Governor	1
▲▲	23 74443	(004000-004306)	Gasket, Carb To Engine	1
▲▽	24 83758	(004000-004306)	Control Unit, Gov.	1
▲▲	374625	(004000-004306)	Plug, Control Box	2
▽	385415	(004307-004936)	Governor and Control Unit Assy, Gas	1
▲▽	83639	(004307-004936)	Governor Assy, Gas	1
▲▲	16 385414	(004307-004936)	Carburetor, Gas	1
▲▲	17 83683	(004307-004936)	Actuator-Lh, Governor	1
▲▲	18 83682	(004307-004936)	Bracket-Mtg, Governor	1
▲▲	19 11984	(004307-004936)	Ftg, El90 Npt/02Pf-02Pm	1
▲▲	20 36050	(004307-004936)	Filter, Fuel	1
▲▲	21 83685	(004307-004936)	Strap, Mounting	1
▲▲	22 83684	(004307-004936)	Linkage Kit, Governor	1
▲▲	23 74443	(004307-004936)	Gasket, Carb To Engine	1
▲▲	24 374127	(xxxxxx-004936)	Kit, Replmt, Control, Govnr, [All Purps]	1
▽	25 374763	(004307- xxxxxx)	Control Unit, Gov.	1
▲	374625	(004307- xxxxxx)	Plug, Control Box	2

Fig. 29 - Engine Electronic Fuel Ignition Group, Gas (004937-005999)

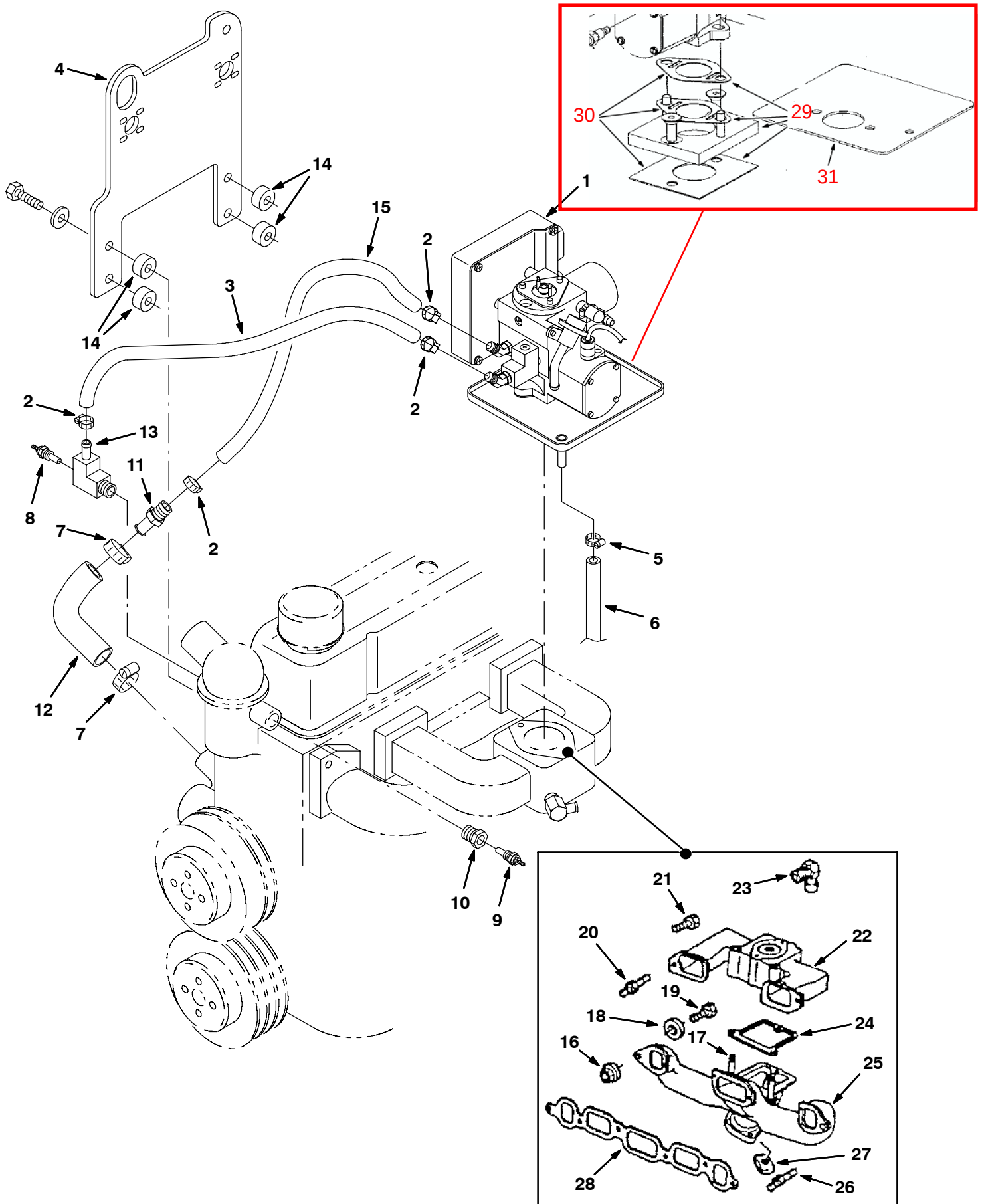


Fig. 29 - Engine Electronic Fuel Ignition Group, Gas (004937-005999)

Ref.	Part No.	Serial Number	Description	Qty.
1	371896	(004937-005999)	Housing Assy, Throttle, Gas, [With Ecu] (See Breakdowns)	1
1	371897	(004937-005999)	Housing Assy, Throttle, Gas, [Without Ecu] (See Breakdowns)	1
2	371538	(004937-005999)	Clamp	5
3	371532	(004937-005999)	Hose, Heater, 0.38id	1
4	392570	(004937-005999)	Plate	1
5	86824	(004937-005999)	Clamp, Hose, Wormdrive, 0.50-1.06d	1
6	16387	(004937-005999)	Hose, Fuel, 0.50id 52.0l	1
7	11399	(004937-005999)	Clamp, Hose, Wormdrive, 0.81-1.50d	2
8	371764	(004937-005999)	Sensor, Temp, Water	1
9	36165	(004937-005999)	Send-unit, Water, Temperature, .38npt	1
10	47167	(004937-005999)	Fitting, Brs, Str, Pm08/Pf06	1
11	371763	(004937-005999)	Fitting, Hose	1
12	371765	(004937-005999)	Hose	1
13	371766	(004937-005999)	Fitting, Elbow	1
14	371767	(004937-005999)	Spacer	4
15	769808	(004937-005999)	Hose, Heater, 0.38id x 18.0 L	1
16	393905	(004937-005999)	Nut	8
17	393906	(004937-005999)	Stud	2
18	393907	(004937-005999)	Washer	-
19	393898	(004937-005999)	Bolt	3
20	393908	(004937-005999)	Stud	1
21	393909	(004937-005999)	Bolt	-
22	393910	(004937-005999)	Manifold, Intake	1
23	393911	(004937-005999)	Fitting	1
24	393912	(004937-005999)	Gasket	1
25	393913	(004937-005999)	Manifold, Exhaust	1
26	393914	(004937-005999)	Stud	2
27	393915	(004937-005999)	Clamp	4
28	393916	(004937-005999)	Gasket	1

these parts are NOT included in #1;

29 371646 Kit, Adaptor

30 371647 Kit, Gasket (part of #29)

31 371658 Shield, Heat

Fig. 30 - Engine Electronic Fuel Ignition Group, Gas (006000-006999)

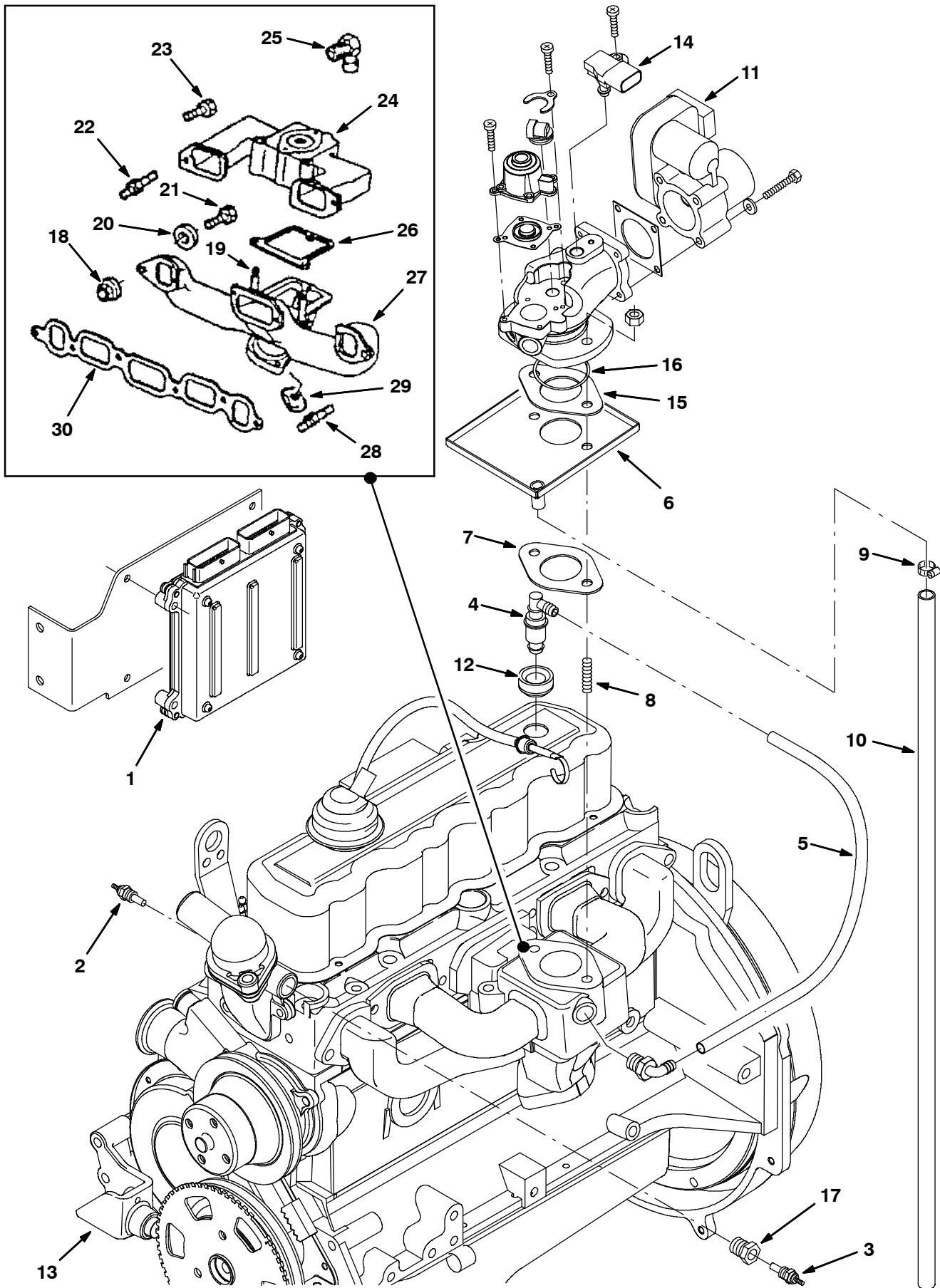


Fig. 30 - Engine Electronic Fuel Ignition Group, Gas (006000-006999)

Ref.	Part No.	Serial Number	Description	Qty.
1	372860	(006000-006999)	Module, Ecu, Gas [Gm 3.0l]	1
2	372891	(006000-006999)	Sensor, Temp, Coolant	1
3	372472	(006000-006999)	Sensor, Temp	1
4	372483	(006000-006999)	Valve, [Pcv]	1
5	372489	(006000-006999)	Hose, 9.5mm X 450mm [Pcv]	1
6	1013350	(006000-006999)	Tray Wldt, Drip, Gas [3.0l]	1
7	372490	(006000-006999)	Gasket, Carb	1
8	372466	(006000-006999)	Stud, .38-16 X 1.2l	2
9	86824	(006000-006999)	Clamp, Hose, Wormdrive, 0.50-1.06d	1
10	16387	(006000-006999)	Hose, Fuel, 0.50id 52.0l	1
▽	372488	(006000-006999)	Housing Assy, Throttle, Gas	1
▲	11 372482	(006000-006999)	Housing, Throttle, 40mm [Bosch]	1
12	393984	(006000-006999)	Grommet	1
13	372492	(006000-006999)	Sensor, Speed, Timing Wheel [3.0l]	1
14	372493	(006000-006999)	Sensor, [Tmap]	1
15	372490	(006000-006999)	Gasket, Carb	1
16	372484	(006000-006999)	Seal, Org	1
17	47167	(006000-006999)	Fitting, Brs, Str, Pf06/Pm08	1
18	393905	(006000-006999)	Nut	8
19	393906	(006000-006999)	Stud	2
20	393907	(006000-006999)	Washer	-
21	393898	(006000-006999)	Bolt	3
22	393908	(006000-006999)	Stud	1
23	393909	(006000-006999)	Bolt	-
24	393910	(006000-006999)	Manifold, Intake	1
25	393911	(006000-006999)	Fitting	1
26	393912	(006000-006999)	Gasket	1
27	393913	(006000-006999)	Manifold, Exhaust	1
28	393914	(006000-006999)	Stud	2
29	393915	(006000-006999)	Clamp	4
30	393916	(006000-006999)	Gasket	1

Fig. 31 - Engine Electronic Fuel Ignition Group, Gas (007000-)

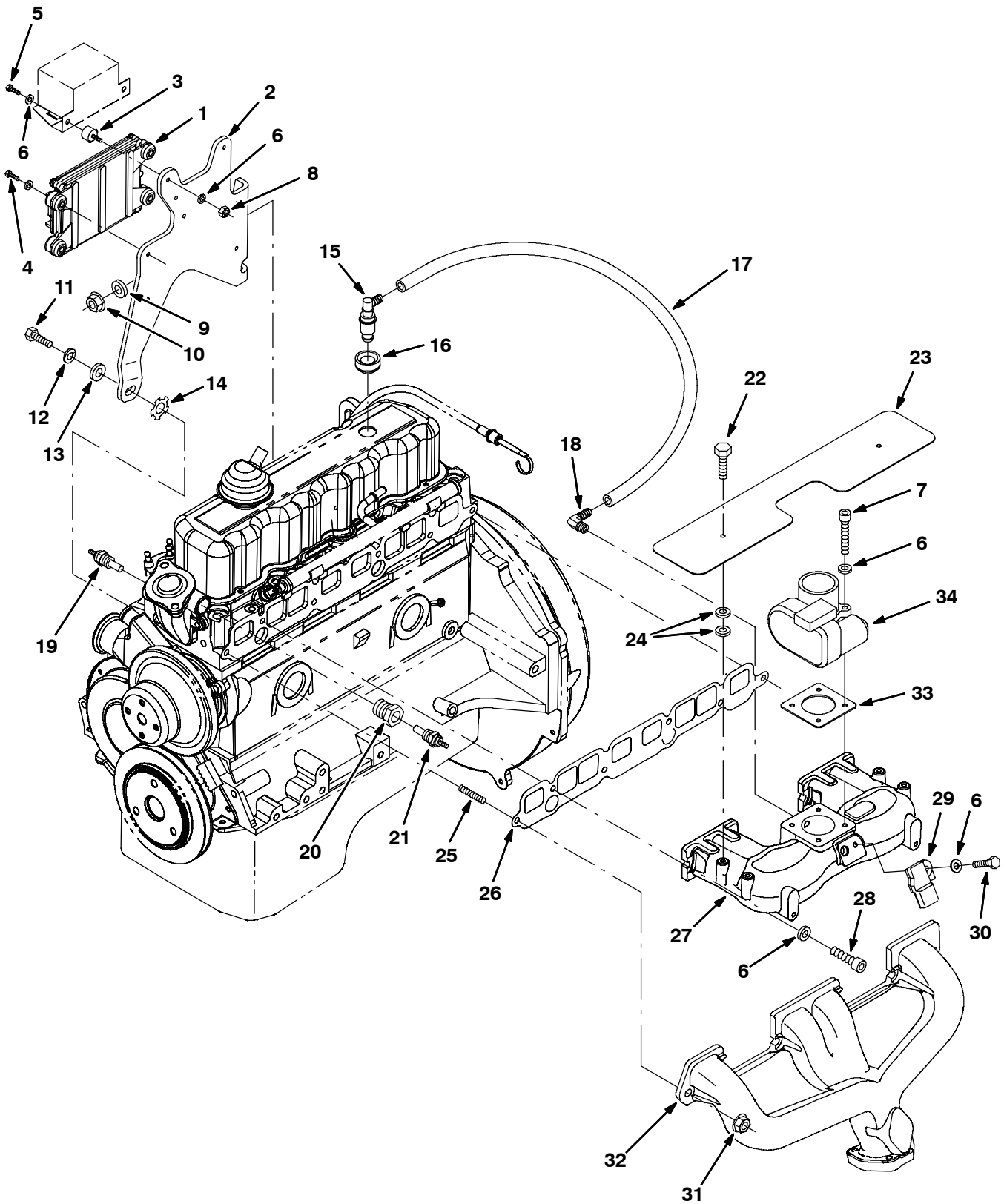


Fig. 31 - Engine Electronic Fuel Ignition Group, Gas (007000-)

Ref.	Part No.	Serial Number	Description	Qty.
1	1032804	(007000-	) Module, Ecu, Gas [Gm3.0l 2007]	1
2	385008	(007000-	) Bracket, Box, Relay	1
3	372470	(007000-	) Vr, Isolator, Box, Relay	1
4	25047	(007000-	) Screw, Hex, .25-20 X 1.25, G5	1
5	19315	(007000-	) Screw, Hex, .25-20 X 0.50, G5	1
6	32490	(007000-	) Washer, Flat, 0.25, Std	13
7	06948	(007000-	) Screw, Hex, M6 X 1.0 X 45, 8.8	4
8	19312	(007000-	) Nut, Hex, Std, .25-20	2
9	371877	(007000-	) Vr, Washer, Flat, 0.38, Hardened	1
10	27980	(007000-	) Nut, Hex, Flng, .38-16	1
11	371553	(007000-	) Screw, .38-16 X 1.00	1
12	371877	(007000-	) Washer, Flat, 0.38, Hardened	1
13	371509	(007000-	) Washer, Lock, 0.38	1
14	371875	(007000-	) Washer, Lock, Int / Ext, 0.38	1
15	372483	(007000-	) Valve [Pcv]	1
16	393984	(007000-	) Grommet	1
17	385001	(007000-	) Hose, Fuel, .38d, Rbr	1
18	385002	(007000-	) Fitting, E90	1
19	372891	(007000-	) Sensor, Temp, Coolant	1
20	385000	(007000-	) Fitting, Bshg	1
21	372472	(007000-	) Sensor, Temp	1
22	385007	(007000-	) Screw, M6 X 10mm	2
23	385006	(007000-	) Shield, Heat, Manifold	1
24	371877	(007000-	) Washer, Flat, 0.38, Hardened	4
25	372466	(007000-	) Stud, .38-16 X 1.2l	2
26	385003	(007000-	) Gasket, Manifold, Intake	1
27	385004	(007000-	) Manifold, Intake [2007]	1
28	10830	(007000-	) Screw, Soc, .38-16 X 1.00, Al	4
29	384985	(007000-	) Sensor [T Map]	1
30	19317	(007000-	) Screw, Hex, .25-20 X 0.75, G5	1
31	27980	(007000-	) Nut, Hex, Flng, .38-16	1
32	385005	(007000-	) Manifold, Exhaust [2007]	1
33	372545	(007000-	) Gasket, Body, Throttle [1.6l]	1
34	384974	(007000-	) Housing, Throttle, 40mm [Bosch]	1

Fig. 32 - Engine Carburetor and Governor Group, LPG (004000-004936)

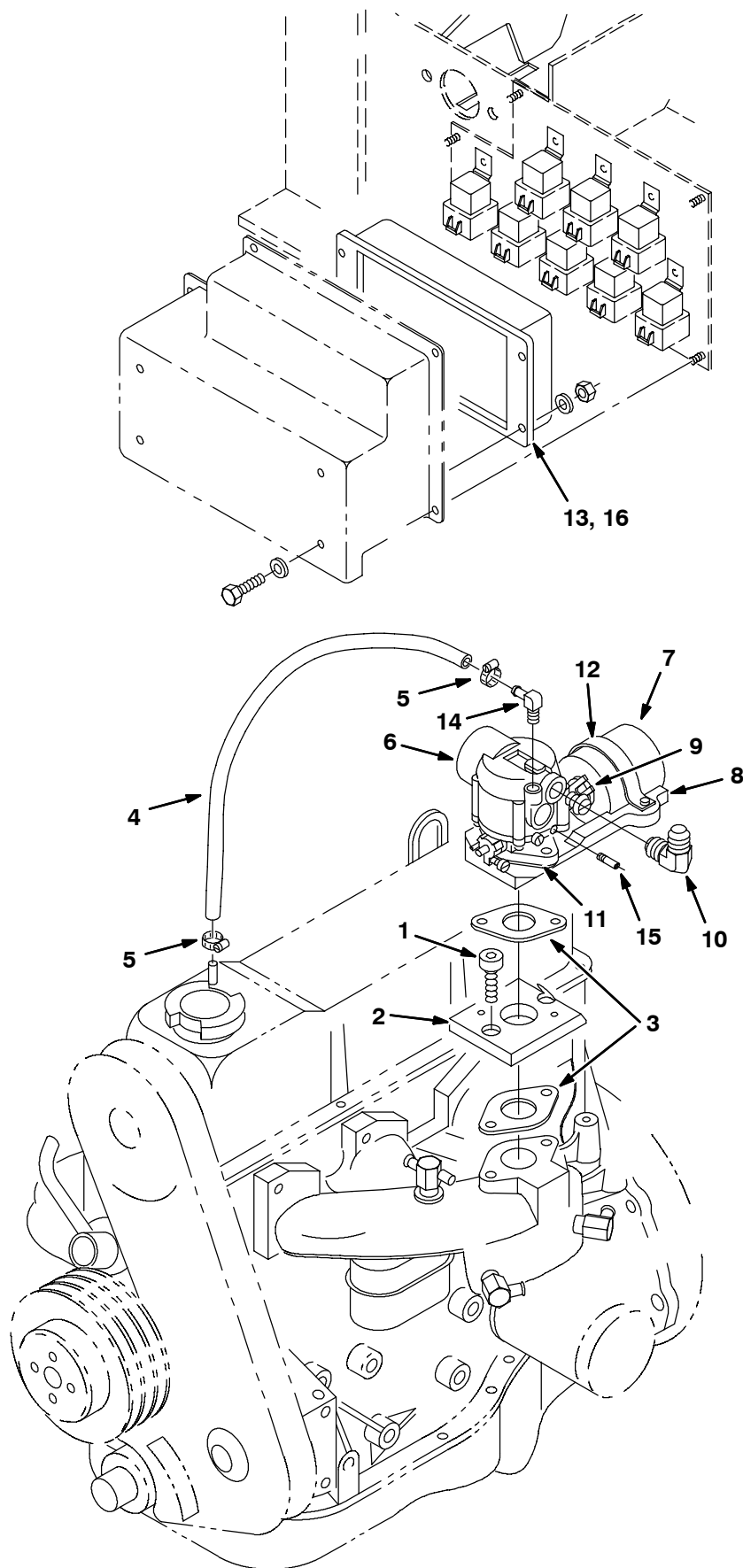


Fig. 32 - Engine Carburetor and Governor Group, LPG (004000-004936)

Ref.	Part No.	Serial Number	Description	Qty.
1	33951	(004000-004936)	Scr Soc M6x1.0 20	2
2	83686	(004000-004936)	Adapter, Carburetor, Ford 2.3	1
3	74443	(004000-004936)	Gasket, Carb To Engine	2
4	70876	(004000-004309)	Hose, Rubber.38Idx.62Od 21.0Lg	1
4	375718	(004310-004936)	Hose, Rubber	1
5	43844	(004000-004936)	Clamp-Wormdrive, 0.25- 0.62D	2
▽	83679	(004000-004936)	Governor and Control Unit Assy, Lpg 2.3	1
▲▽	83640	(004000-004936)	Governor Assy, Lpg	1
▲▲	6 73017	(004000-004936)	Carburetor, Lpg W/Gasket	1
▲▲	7 83683	(004000-004936)	Actuator-Lh, Governor	1
▲▲	8 83682	(004000-004936)	Bracket-Mtg, Governor	1
▲▲	9 83684	(004000-004936)	Linkage Kit, Governor	1
▲▲	10 69097	(004000-004936)	Ftg-Hyd E90 Pm06/Jm10	1
▲▲	11 74443	(004000-004936)	Gasket, Carb To Engine	1
▲▲	12 83685	(004000-004936)	Strap, Mounting	1
▲▲	13 374127	(xxxxxx-004936)	Kit, Replmt, Control, Govnr, [All Purps]	1
▲	14 53029	(004000-004936)	Ftg-Brs E90 Bm05/Pm02	1
▲	15 74402	(004000-004936)	Fitting, Special, Carb	1
▽	16 83758	(004000- xxxxxx)	Control Unit, Gov.	1
▲	374625	(004000- xxxxxx)	Plug, Control Box	2

Fig. 33 - Engine Vaporizer Group, LPG (004000-004818)

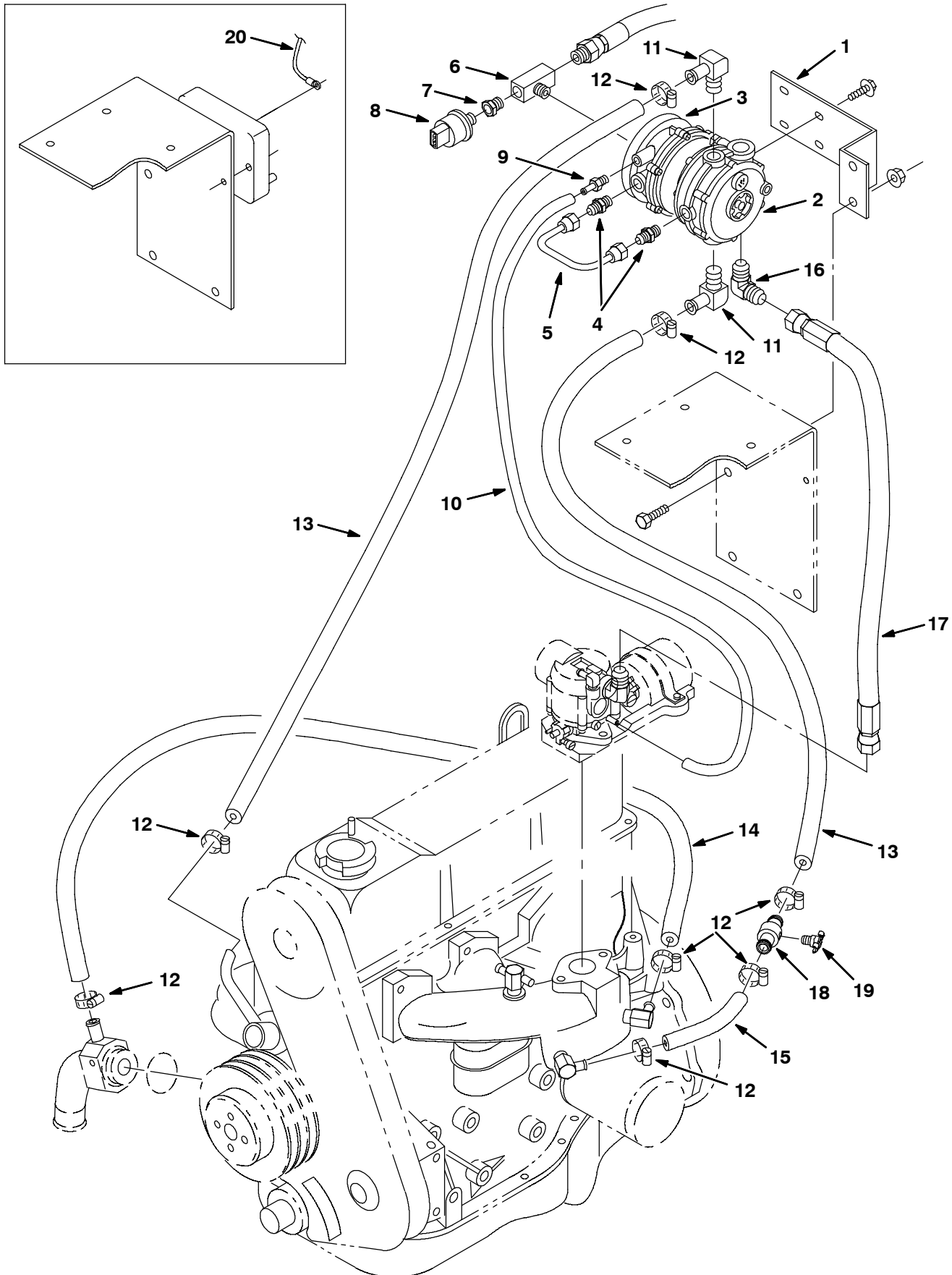


Fig. 33 - Engine Vaporizer Group, LPG (004000-004818)

Ref.	Part No.	Serial Number	Description	Qty.
1	70849	(004000-004818)	Bracket, Mounting, Vaporizer	1
▽ 2	374648	(004000-004818)	Vaporizer, Lpg	1
▲	374649	(004000-004818)	Vaporizer Repair Kit	1
▽ 3	73020	(004000-004818)	Filter, Fuellockoff, Lpg	1
▲	65527	(004000-004818)	Fuelock Replacement Kit	1
4	15724	(004000-004818)	Ftg-Hyd Str Pm04/Jm06	2
5	59808	(004000-004818)	Fuelline, .375 Od	1
6	53268	(004000-004818)	Ftg,Brass Tee 04Pf- 04Pm- 04Pf	1
7	17414	(004000-004818)	Ftg-Hyd Str Pm04/Pf02	1
8	23156	(004000-004818)	Switch, Pressure, Lpg	1
9	40607	(004000-004818)	Ftg,Brass,St Bm03/Pm02	1
10	34072	(004000-004818)	Hose, Vacuum,.16ld X 21.0Lg	1
11	51839	(004000-004818)	Ftg-Brs E90 Bm10/Pm06	2
12	63810	(004000-004818)	Clamp-Wormdrive, 0.56- 1.06D	8
13	72979	(004000-004818)	Hose, .62ld X 20.0 Lng Heater	2
14	30389	(004000-004818)	Hose,Heater .62ldx53.0Lg	1
15	60726	(004000-004818)	Hose,Heater .62ldx15.0Lg	1
16	46611	(004000-004818)	Ftg-Hyd E90 Pm08/Jm10	1
17	60725	(004000-004818)	Hose Lpg, 10Lpg 28In.Lg	1
18	83578	(004000-004818)	Tube, Air Bleed	1
19	83580	(004000-004818)	Fitting, Brass Drain Cock	1
20	374615	(004000-004215)	Wire Kit, LP	1

Fig. 34 - Engine Vaporizer Group, LPG (004819-004936)

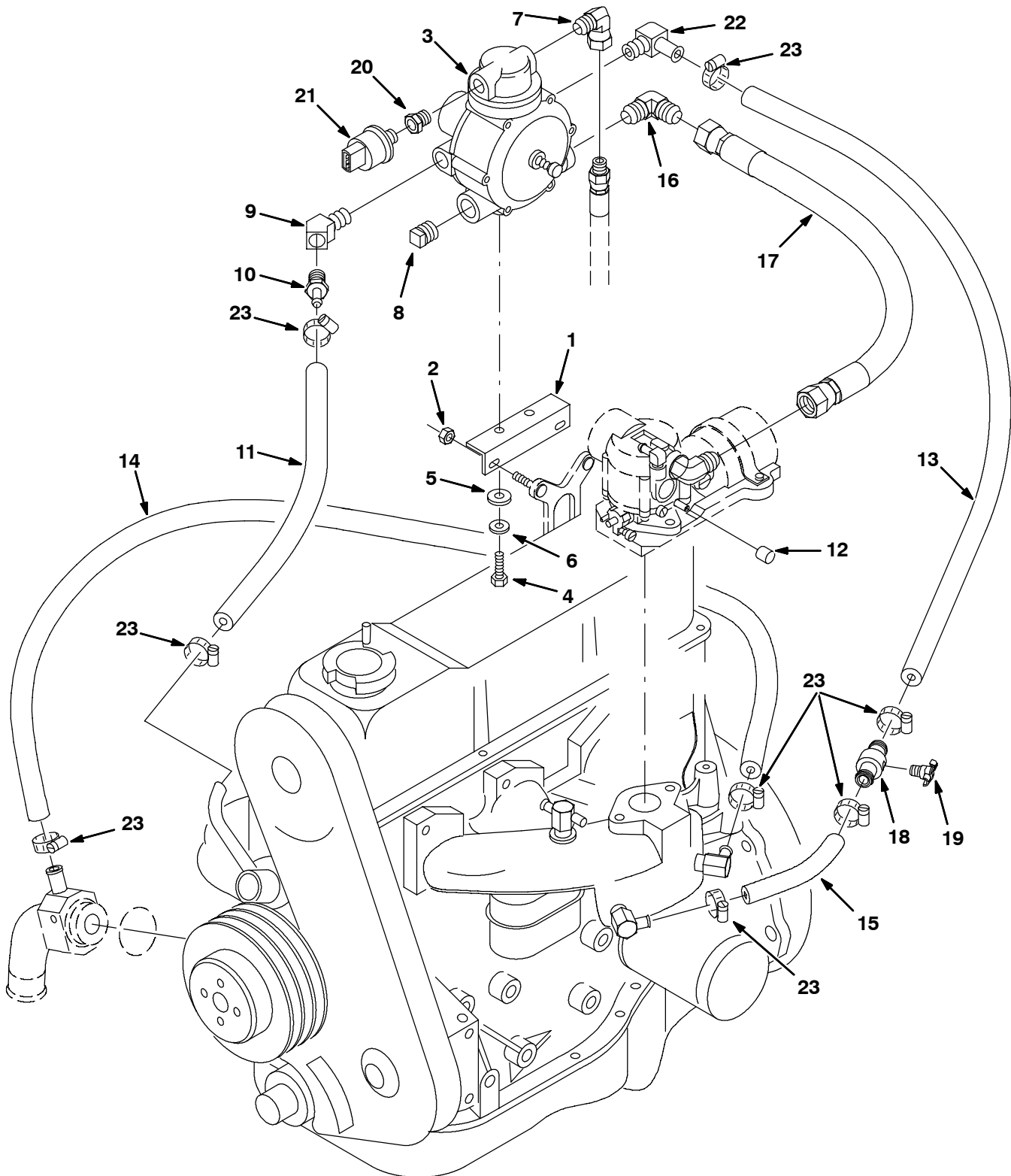


Fig. 34 - Engine Vaporizer Group, LPG (004819-004936)

	Ref.	Part No.	Serial Number	Description	Qty.
▽ ▲	1	374154	(004819-004936)	Angle, Mtg, .12x1x1x4.5L	1
	2	07789	(004819-004936)	Nut, Hex, Flng, M05 X 0.8	2
	3	383170	(004819-004936)	Controller, Lpg, 12Vdc	1
		383014	(004819-004936)	Kit, Repair, Vaporizer, F/383170	1
	4	06942	(004819-004936)	Screw, Hex, M06 X 1.0 X 16, 8.8	2
	5	32483	(004819-004936)	Washer, Flt, .25 Sae	2
	6	32982	(004819-004936)	Washer, Lock, Int, .25	2
	7	27048	(004819-004936)	Fitting, Brs, E90, Pm04/Pf04	1
	8	17521	(004819-004936)	Fitting, Plug, Pm08 Sq Head	1
	9	01997	(004819-004936)	Fitting, Brs, E45, Pm06/Pf06	1
	10	27767	(004819-004936)	Fitting, Brs, Str, Pm06/Em10	1
	11	60726	(004819-004936)	Hose, Heater, Str, 0.62id 15.0	1
	12	63810	(004819-004936)	Clamp-Wormdrive, 0.56- 1.06D	8
	13	72979	(004819-004936)	Hose, .62ld X 20.0 Lng Heater	2
	14	30389	(004819-004936)	Hose,Heater .62ldx53.0Lg	1
	15	60726	(004819-004936)	Hose,Heater .62ldx15.0Lg	1
	16	46611	(004819-004936)	Ftg-Hyd E90 Pm08/Jm10	1
	17	60725	(004819-004936)	Hose Lpg, 10Lpg 28In.Lg	1
	18	83578	(004819-004936)	Tube, Air Bleed	1
	19	83580	(004819-004936)	Fitting, Brass Drain Cock	1
	20	17414	(004819-004936)	Fitting, Hyd, Str, Pm04/Pf02	1
	21	23156	(004819-004936)	Switch	1
	22	51839	(004819-004936)	Fitting, Brs, E90, Pm06/Em10	1
	23	63810	(004819-004936)	Clamp, Hose, Wormdrive, 0.56-1.06d	8

STANDARD PARTS

Fig. 35 - Engine Electronic Fuel Ignition and Vaporizer Group, LPG (004937-005999)

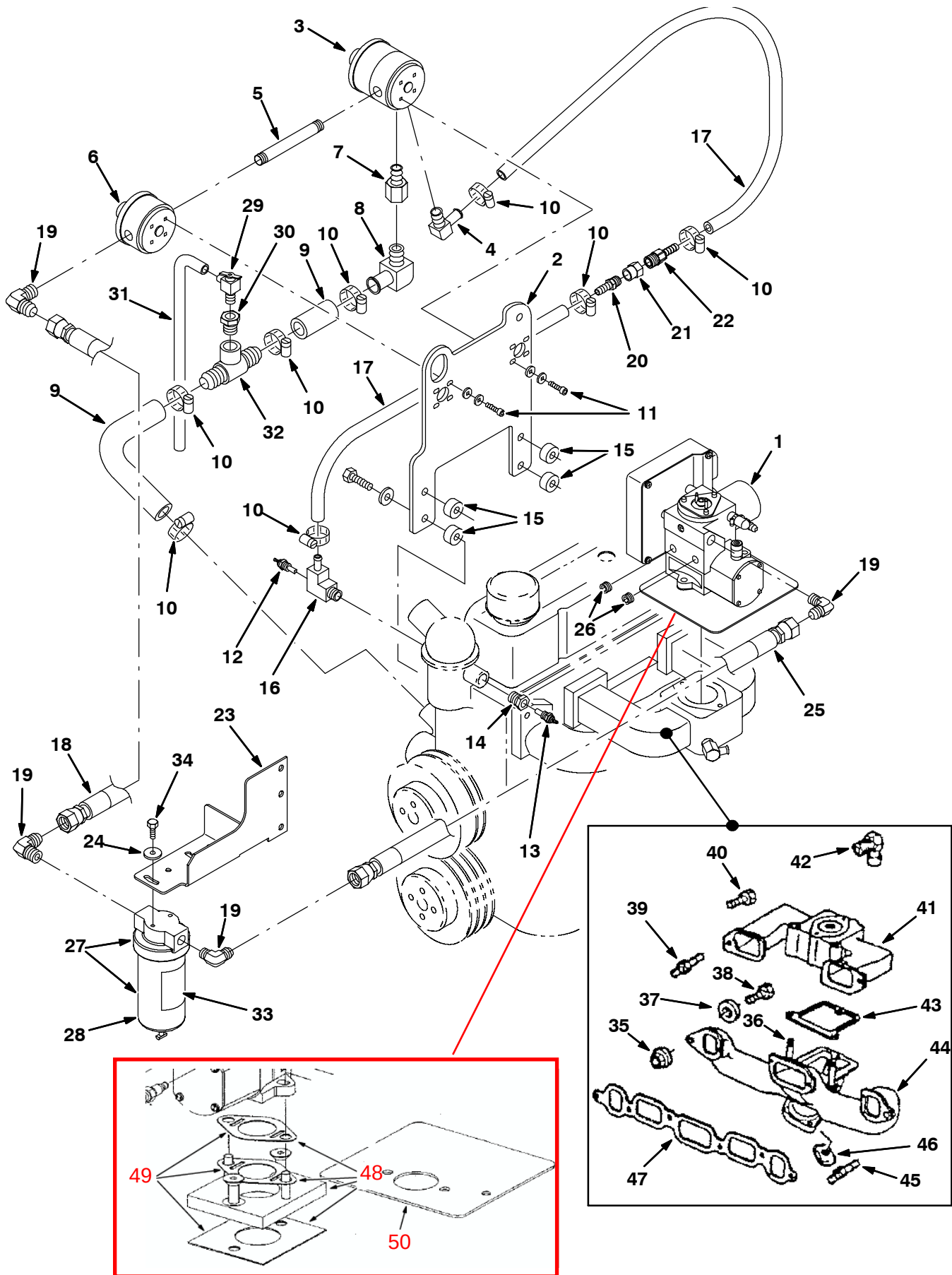


Fig. 35 - Engine Electronic Fuel Ignition and Vaporizer Group, LPG (004937-005999)

Ref.	Part No.	Serial Number	Description	Qty.
1	371894	(004937-005999)	Housing Assy, Throttle, Lpg, [With Ecu] (See Breakdowns)	1
1	371895	(004937-005999)	Housing Assy, Throttle, Lpg, [Without Ecu] (See Breakdowns)	1
2	392570	(004937-005999)	Plate	1
3	371749	(004937-005999)	Vaporizer	1
4	371754	(004937-005999)	Fitting	1
5	371755	(004937-005999)	Pipe	1
6	371750	(004937-005999)	Regulator	1
7	371768	(004937-005999)	Fitting	1
8	371757	(004937-005999)	Fitting	1
9	393972	(004937-005999)	Hose, Conv	1
10	11399	(004937-005999)	Clamp, Hose, Wormdrive, 0.81-1.50d	8
11	371759	(004937-005999)	Screw	8
12	371764	(004937-005999)	Sensor, Water Temp	1
13	36165	(004937-005999)	Send-unit, Water, Temperature, .38npt	1
14	47167	(004937-005999)	Fitting, Brs, Str, Pm08/Pf06	1
15	371767	(004937-005999)	Spacer	4
16	371766	(004937-005999)	Fitting, Elbow	1
17	769806	(004937-005999)	Hose, Heater, 0.38id x 21.0id	1
18	1017477	(004937-005999)	Hose, Lpg, Med08, Jf08str/Jf08str , 37.5	1
19	1017272	(004937-005999)	Fitting, Hyd, E90, Jm08/Pm04	4
20	150516	(004937-005999)	Fitting, Brs, Str, Pm04/Bm06, T	1
21	1017239	(004937-005999)	Fitting, Brs, Rst, Pf04/.69-16f, .063	1
22	1017598	(004937-005999)	Fitting, Plstc, Str, Bm06/M.69-16	1
23	1017080	(004937-005999)	Bracket, Fltr, Lpg [6600]	1
24	29570	(004937-005999)	Washer, Flat, 0.28b 1.00d .06, Stl	2
25	1017476	(004937-005999)	Hose, Lpg, Med08, Jf08str/Jf08str , 35.0	1
26	02247	(004937-005999)	Fitting, Pipe, Plug, Pm04 Hex Soc	2
▽ 27	1017500	(004937-005999)	Filter, Fuel, Lpg [Coalescent]	1
▲ 28	372937	(004937-005999)	Element, Fltr, Fuel Lpg [Coalescent]	1
29	51305	(004937-005999)	Fitting, Draincock, .25npt 90	1
30	311828	(004937-005999)	Fitting, Brs, Str, Pm08/Pf04	1
31	392258	(004937-005999)	Hose, Pvc, Clr, 0.38id 0.56od 13.00l	1
32	64740	(004937-005999)	Fitting, Plstc, Tee, Bm12/Pf08/Bm12	1
33	1017662	(004937-005999)	Label, Instr, Filter Drain	1
34	19317	(004937-005999)	Screw, Hex, .25-20 X 0.75, 5	2
	130041	(004937-005999)	Tie, Wire 11-1/2x.19 Ny (not shown)	6
35	393905	(004937-005999)	Nut	8
36	393906	(004937-005999)	Stud	2
37	393907	(004937-005999)	Washer	-
38	393898	(004937-005999)	Bolt	3
39	393908	(004937-005999)	Stud	1
40	393909	(004937-005999)	Bolt	-
41	393910	(004937-005999)	Manifold, Intake	1
42	393911	(004937-005999)	Fitting	1
43	393912	(004937-005999)	Gasket	1
44	393913	(004937-005999)	Manifold, Exhaust	1
45	393914	(004937-005999)	Stud	2
46	393915	(004937-005999)	Clamp	4
47	393916	(004937-005999)	Gasket	1

these parts are NOT included in #1;

48 371646 Kit, Adaptor

49 371647 Kit, Gasket (part of #48)

50 371658 Shield, Heat

STANDARD PARTS

Fig. 36 - Engine Electronic Fuel Ignition and Vaporizer Group, LPG (006000-006999)

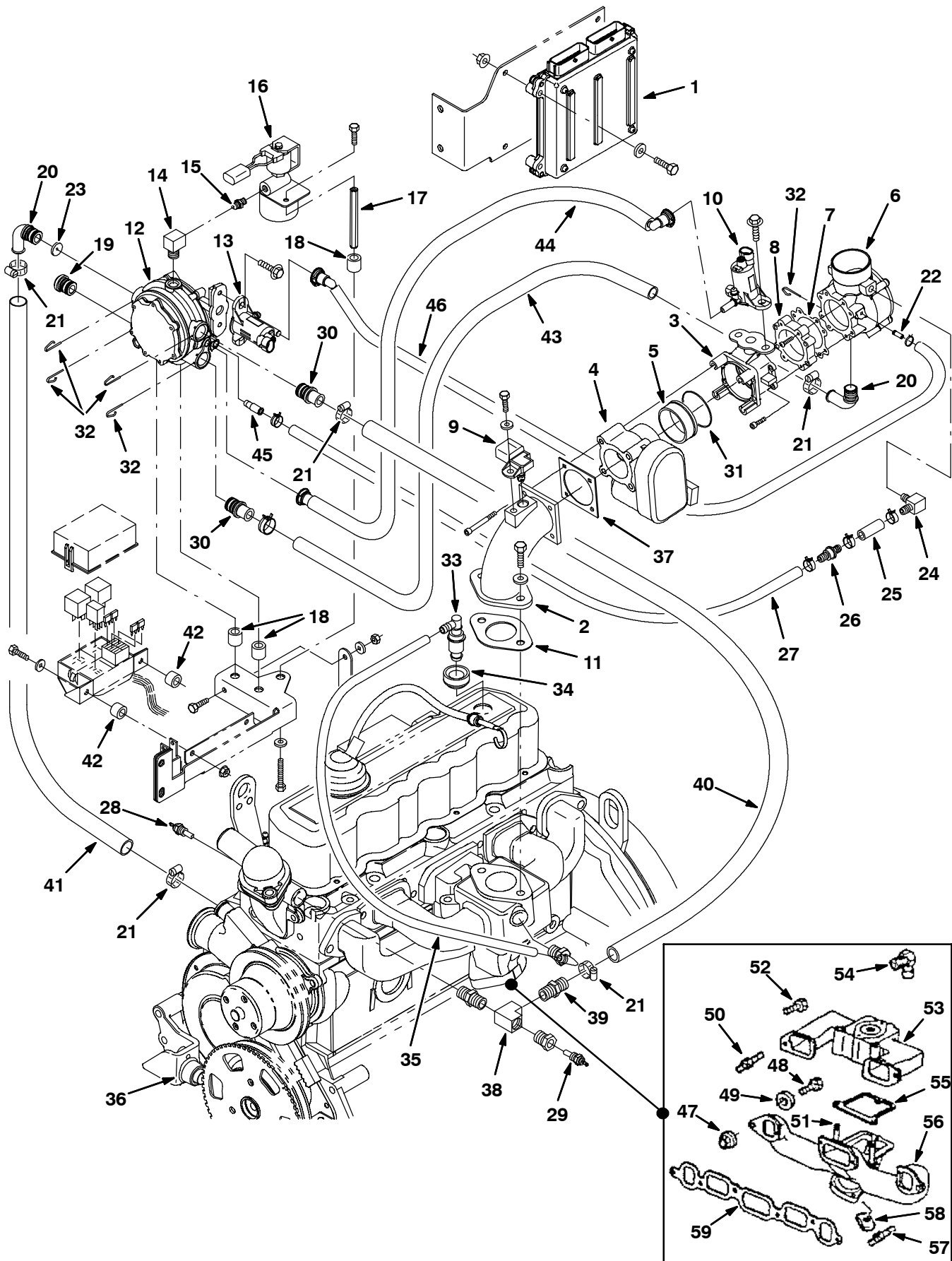


Fig. 36 - Engine Electronic Fuel Ignition and Vaporizer Group, LPG (006000-006999)

Ref.	Part No.	Serial Number	Description	Qty.
1	372859	(006000-006999)	Module, Ecu, Lpg [Gm 3.0]	1
2	372495	(006000-006999)	Adaptor, Intake, Lpg [3.0]	1
3	372496	(006000-006999)	Adaptor, Valve, Fuel Trim	1
372482 4	372497	(006000-006999)	Valve, Body, Throttle, Lpg Housing, Throttle, 40MM (Bosch)	1
5	372498	(006000-006999)	Sleeve, Throttle [Bosch], Plstc	1
6	372899	(006000-006999)	Housing Assy, Throttle, Lpg [Gm 3.0]	1
7	372608	(006000-006999)	Gasket	1
8	372612	(006000-006999)	Adapter, Throttle Body	1
9	372493	(006000-006999)	Sensor, [Tmap]	1
13 10	372501	(006000-006999)	Valve, Trim, Fuel, Normal Flow LPG	1
11	372490	(006000-006999)	Gasket, Carb	1
12	372500	(006000-006999)	Converter, Lpg	1
372497 10 13	372501	(006000-006999)	Valve, Trim, Fuel, Normal Flow, E90 LPG	1
14	372611	(006000-006999)	Fitting, Str, E90, .25npt	1
15	372610	(006000-006999)	Fitting, Nipple, .25npt, Brs	1
▽ 16	372503	(006000-006999)	Valve, Fuelock, Lpg, W/ Wire Connector	1
▲ 17	372615	(006000-006999)	Filter Kit, Lpg Lockoff	1
18	372577	(006000-006999)	Spacer, Sppt, Filter Lock Off	1
19	372518	(006000-006999)	Isolator Kit, Mtg, Vaporizer, Rbr	3
20	372515	(006000-006999)	Fitting, Cap	1
21	372512	(006000-006999)	Fitting, E70	2
22	63810	(006000-006999)	Clamp, Hose, Wormdrive, 0.56-1.06d	5
23	372511	(006000-006999)	Fitting, Hose, Vacuum, .25	1
24	372517	(006000-006999)	Restrictor, Jet, Coolant	1
25	372510	(006000-006999)	Fitting, E90	1
26	372507	(006000-006999)	Hose, Balancing, Press, 45mm	1
27	372569	(006000-006999)	Valve, Check	1
28	372506	(006000-006999)	Hose, Balancing, Press, 680mm	1
29	372891	(006000-006999)	Sensor, Temp, Coolant	1
30	372472	(006000-006999)	Sensor, Temp	1
31	372514	(006000-006999)	Fitting, Str	2
32	372484	(006000-006999)	Seal, Org	1
33	372523	(006000-006999)	Pin, Retainer	5
34	372483	(006000-006999)	Valve, [Pcv]	1
35	393984	(006000-006999)	Grommet	1
36	372489	(006000-006999)	Hose, 9.5mm X 450mm [Pcv]	1
37	372492	(006000-006999)	Sensor, Speed, Timing Wheel [3.0]	1
38	372545	(006000-006999)	Gasket, Body, Throttle [1.6]	1
39	372527	(006000-006999)	Fitting, Pipe, Tee, Pm06/Pf06/Pf06	1
40	372526	(006000-006999)	Fitting, Hose, 10hose/Pm06	1
41	372531	(006000-006999)	Hose, Mold, .62 X 37.0	1
42	372528	(006000-006999)	Hose, Mold, .62 To .75	1
43	372470	(006000-006999)	Isolator, Box, Relay	2
44	372508	(006000-006999)	Hose, Fuel, 165mm	1
45	372504	(006000-006999)	Hose, Valve, Fuel Trim, 325mm	1
46	372516	(006000-006999)	Fitting, Brs, Adapter	1
47	372505	(006000-006999)	Hose, Valve, Press Trim, 405mm	1
48	393905	(006000-006999)	Nut	8
49	393906	(006000-006999)	Stud	2
50	393907	(006000-006999)	Washer	-
	393898	(006000-006999)	Bolt	3

Fig. 36 - Engine Electronic Fuel Ignition and Vaporizer Group, LPG (006000-006999)

Ref.	Part No.	Serial Number	Description	Qty.
51	393908	(006000-006999)	Stud	1
52	393909	(006000-006999)	Bolt	-
53	393910	(006000-006999)	Manifold, Intake	1
54	393911	(006000-006999)	Fitting	1
55	393912	(006000-006999)	Gasket	1
56	393913	(006000-006999)	Manifold, Exhaust	1
57	393914	(006000-006999)	Stud	2
58	393915	(006000-006999)	Clamp	4
59	393916	(006000-006999)	Gasket	1

Fig. 37 - Engine Electronic Fuel Ignition and Vaporizer Group, LPG (007000-)

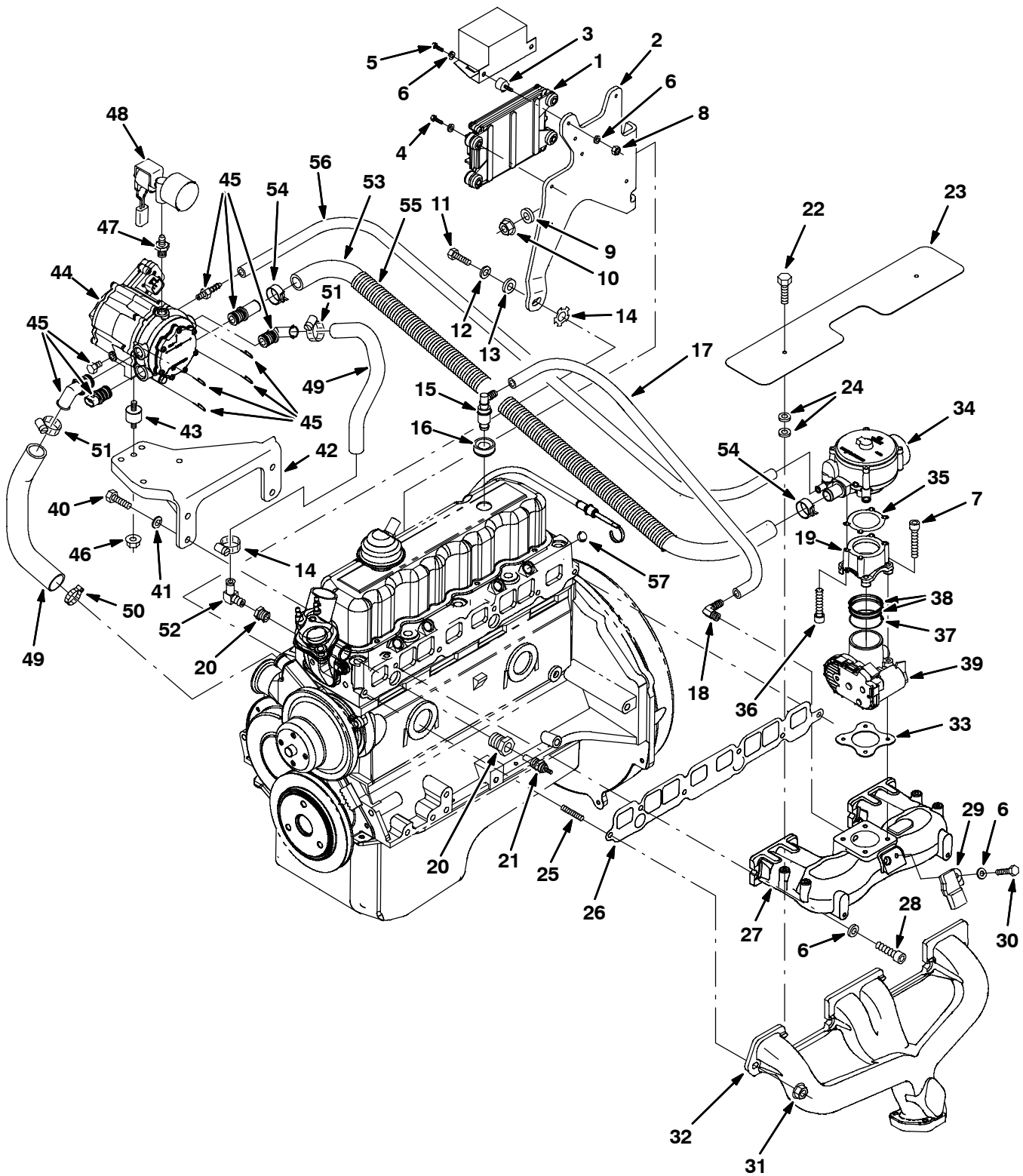


Fig. 37 - Engine Electronic Fuel Ignition and Vaporizer Group, LPG (007000-)

Ref.	Part No.	Serial Number	Description	Qty.
1	1032805	(007000-	) Module, Ecu, Lpg [Gm3.0l 2007]	1
2	385008	(007000-	) Bracket, Box, Relay	1
3	372470	(007000-	) Vr, Isolator, Box, Relay	1
4	25047	(007000-	) Screw, Hex, .25-20 X 1.25, G5	4
5	19315	(007000-	) Screw, Hex, .25-20 X 0.50, G5	2
6	32490	(007000-	) Washer, Flat, 0.25, Std	13
7	385016	(007000-	) Screw, Soc, M6 X 1.00 X 70	4
8	19312	(007000-	) Nut, Hex, Std, .25-20	2
9	371877	(007000-	) Vr, Washer, Flat, 0.38, Hardened	1
10	27980	(007000-	) Nut, Hex, Flng, .38-16	1
11	371553	(007000-	) Screw, .38-16 X 1.00	1
12	371877	(007000-	) Washer, Flat, 0.38, Hardened	1
13	371509	(007000-	) Washer, Lock, 0.38	1
14	371875	(007000-	) Washer, Lock, Int / Ext, 0.38	1
15	372483	(007000-	) Valve [Pcv]	1
16	393984	(007000-	) Grommet	1
17	385001	(007000-	) Hose, Fuel, .38d, Rbr	1
18	385002	(007000-	) Fitting, E90	1
19	384996	(007000-	) Adapter, Valve, 400mm [Bosch]	1
20	385000	(007000-	) Fitting, Bshg	2
21	372472	(007000-	) Sensor, Temp	1
22	385007	(007000-	) Screw, M6 X 10mm	2
23	385006	(007000-	) Shield, Heat, Manifold	1
24	371877	(007000-	) Washer, Flat, 0.38, Hardened	4
25	372466	(007000-	) Stud, .38-16 X 1.2l	2
26	385003	(007000-	) Gasket, Manifold, Intake	1
27	385004	(007000-	) Manifold, Intake [2007]	1
28	10830	(007000-	) Screw, Soc, .38-16 X 1.00, Al	4
29	384985	(007000-	) Sensor [T Map]	1
30	19317	(007000-	) Screw, Hex, .25-20 X 0.75, G5	1
31	27980	(007000-	) Nut, Hex, Flng, .38-16	1
32	385005	(007000-	) Manifold, Exhaust [2007]	1
33	372545	(007000-	) Gasket, Body, Throttle [1.6l]	1
34	385012	(007000-	) Valve, Lpg [Mixer]	1
35	1037313	(007000-	) Gasket, Lpg, Adapter [Gm 2007]	1
36	385017	(007000-	) Screw, Soc, #12-24 X 1.50	1
37	1037311	(007000-	) Seal,Org, Lpg, Mixer [Gm 2007]	1
38	1037312	(007000-	) Gasket, Lpg, Mixer [Gm 2007]	2
39	384974	(007000-	) Housing, Throttle, 40mm [Bosch]	1
40	371553	(007000-	) Screw, .38-16 X 1.00	4
41	371509	(007000-	) Washer, Lock, 0.38	4
42	385014	(007000-	) Bracket [Epr]	2
43	384986	(007000-	) Isolator [Epr]	3
44	384977	(007000-	) Regulator [Ep]	1
45	384978	(007000-	) Fitting Kit [Epr]	1
46	385015	(007000-	) Nut, Flng, M8	3
47	372529	(007000-	) Fitting, Nipple, .25mal	1
48	384975	(007000-	) Valve, Lock Off	1
49	372528	(007000-	) Hose, Mold, .62 To .75	2
50	63810	(007000-	) Clamp, Hose, Wormdrive, 0.56-1.06d, .56w	1

Fig. 37 - Engine Electronic Fuel Ignition and Vaporizer Group, LPG (007000-)

Ref.	Part No.	Serial Number	Description	Qty.
51	372539	(007000-	) Clamp, Hose, 1.0	3
52	385011	(007000-	) Fitting, E90	1
53	385013	(007000-	) Hose, Mold [Epr To Mixer]	1
54	384979	(007000-	) Clamp, Hose, Spring, 0.62d	2
55	384971	(007000-	) Cover, Hose	1
56	384973	(007000-	) Hose, Supply, Gas, .25id	1
57	372579	(007000-	) Plug, Hole, Injector	4

Fig. 38 - Engine Air Cleaner Group (004000-004936)

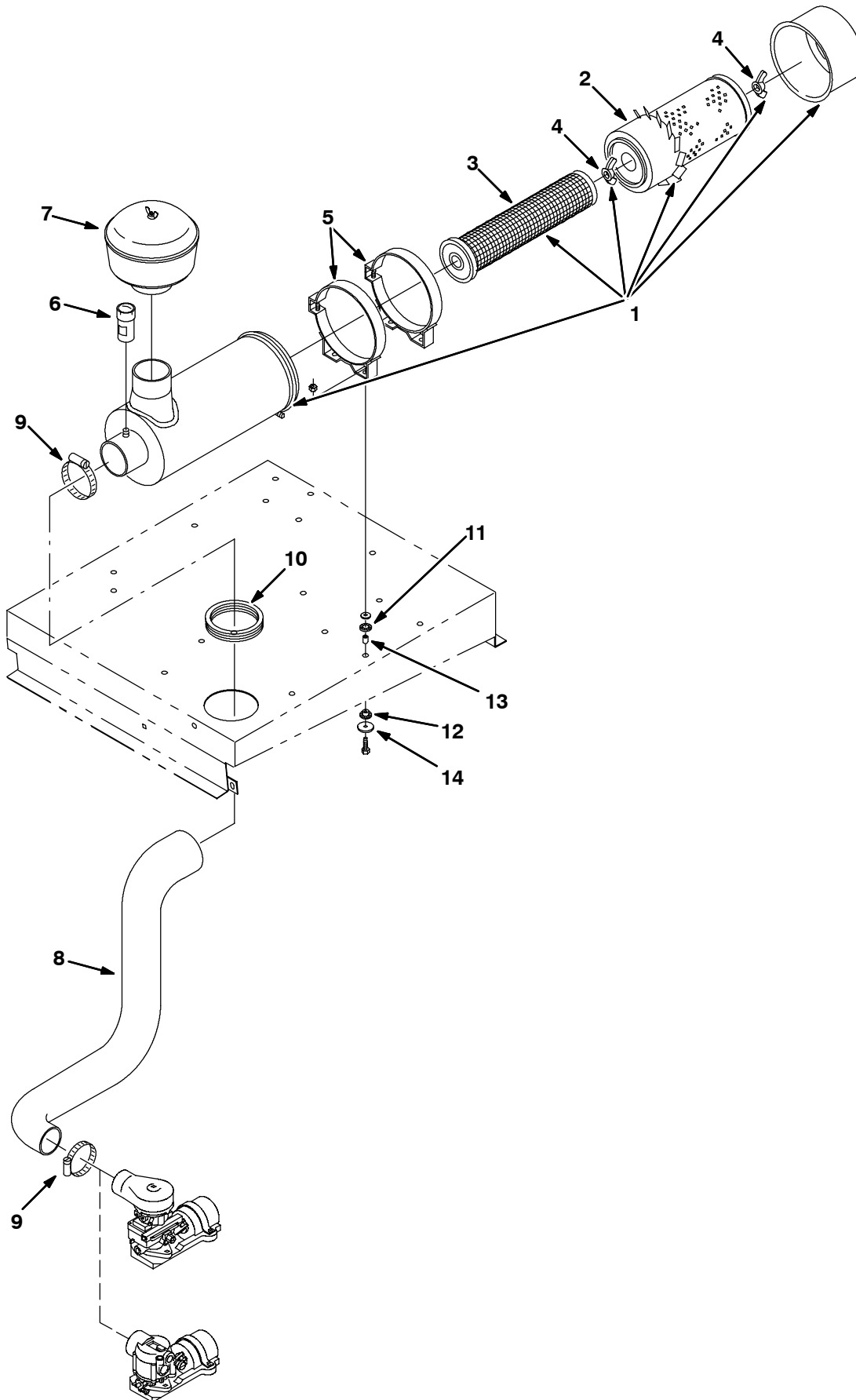


Fig. 38 - Engine Air Cleaner Group (004000-004936)

	Ref.	Part No.	Serial Number	Description	Qty.
▽	1	48014	(004000-004936)	Cleaner, Air Al Se	1
▲	2	60934	(004000-004936)	Element, Air Cleaner	1
▲	3	60933	(004000-004936)	Element, Filter Safety	1
▲	4	07562	(004000-004936)	Nut,Wing .44-20 Special	2
	5	76321	(004000-004936)	Band,Mtg.	2
	6	03026	(004000-004936)	Indicator Service Air Filter	1
	7	75666	(004000-004936)	Filter, Pre-Cleaner, A/C	1
	8	380592	(004000-004936)	Hose, Molded	1
	9	43555	(004000-004936)	Clamp-Wormdrive, 1.62- 3.50D	2
	10	380591	(004000-004936)	Grommet, Rbr, 3.75ld F/ 4.0H .	1
	11	54527	(004000-004936)	Ring, Rubber	4
	12	54528	(004000-004936)	Bushing, Rubber	4
	13	45177	(004000-004936)	Sleeve	4
	14	41178	(004000-004936)	Washer, Fender	4

Fig. 39 - Engine Air Cleaner Group (004937-005999)

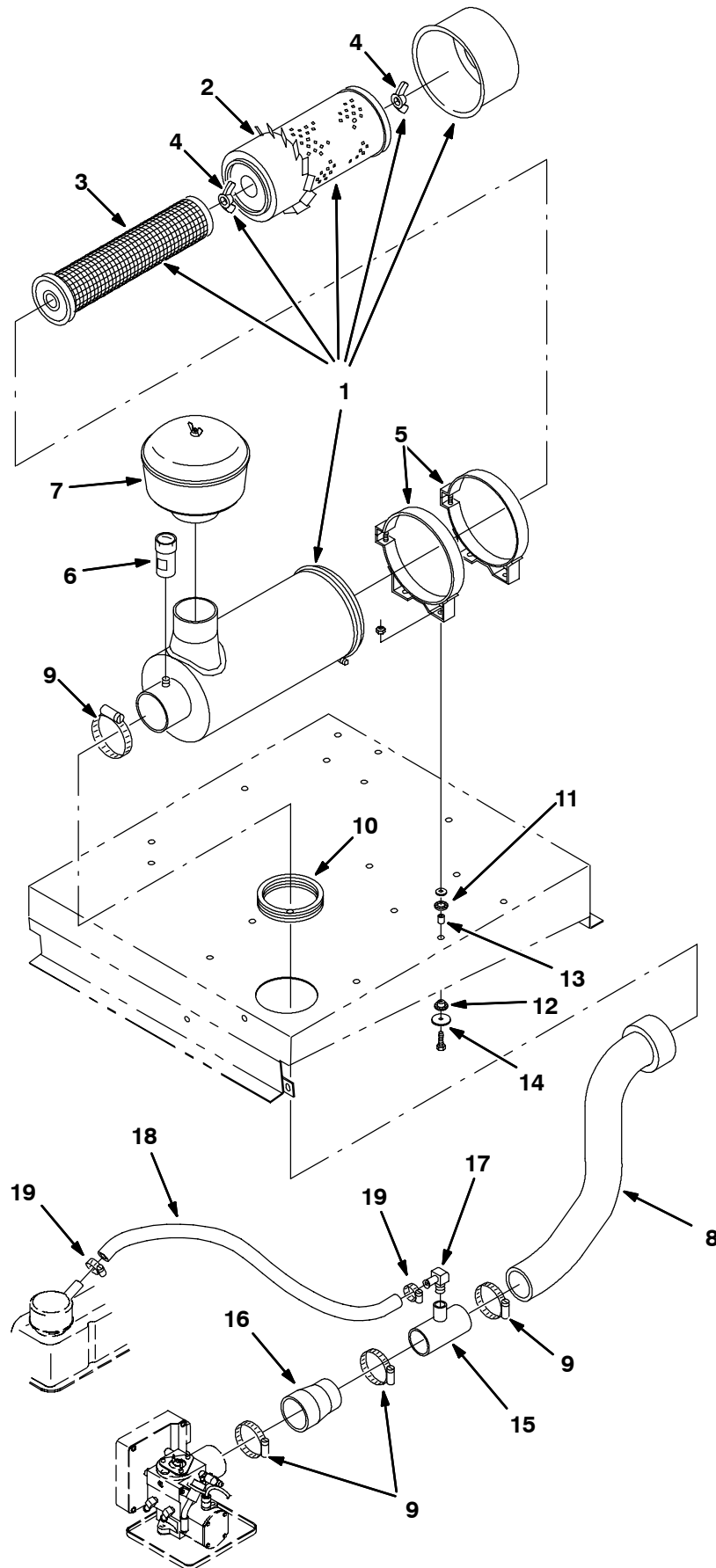


Fig. 39 - Engine Air Cleaner Group (004937-005999)

	Ref.	Part No.	Serial Number	Description	Qty.
▽	1	48014	(004937-005999)	Cleaner, Air Al Se	1
▲	2	60934	(004937-005999)	Element, Air Cleaner	1
▲	3	60933	(004937-005999)	Element, Filter Safety	1
▲	4	07562	(004937-005999)	Nut,Wing .44-20 Special	2
	5	76321	(004937-005999)	Band,Mtg.	2
	6	03026	(004937-005999)	Indicator Service Air Filter	1
	7	75666	(004937-005999)	Filter, Pre-Cleaner, A/C	1
	8	393208	(004937-005999)	Hose, Molded	1
	9	43555	(004937-005999)	Clamp-Wormdrive, 1.62- 3.50D	4
	10	380591	(004937-005999)	Grommet, Rbr, 3.75ld F/ 4.0H .	1
	11	54527	(004937-005999)	Ring, Rubber	4
	12	54528	(004937-005999)	Bushing, Rubber	4
	13	45177	(004937-005999)	Sleeve	4
	14	41178	(004937-005999)	Washer, Fender	4
	15	393207	(004937-005999)	Tube Wldt, Intake, 2.0d .38npt	1
	16	393205	(004937-005999)	Tube, Intake, 2.0d 04.0l	1
	17	51839	(004937-005999)	Fitting, Brs, E90, Em10/Pm06	1
	18	72978	(004937-005999)	Hose, Heater, 0.62id 13.0l	1
	19	63810	(004937-005999)	Clamp, Hose, Wormdrive, 0.56-1.06d	2

Fig. 40 - Engine Air Cleaner Group, Gas (006000-006999)

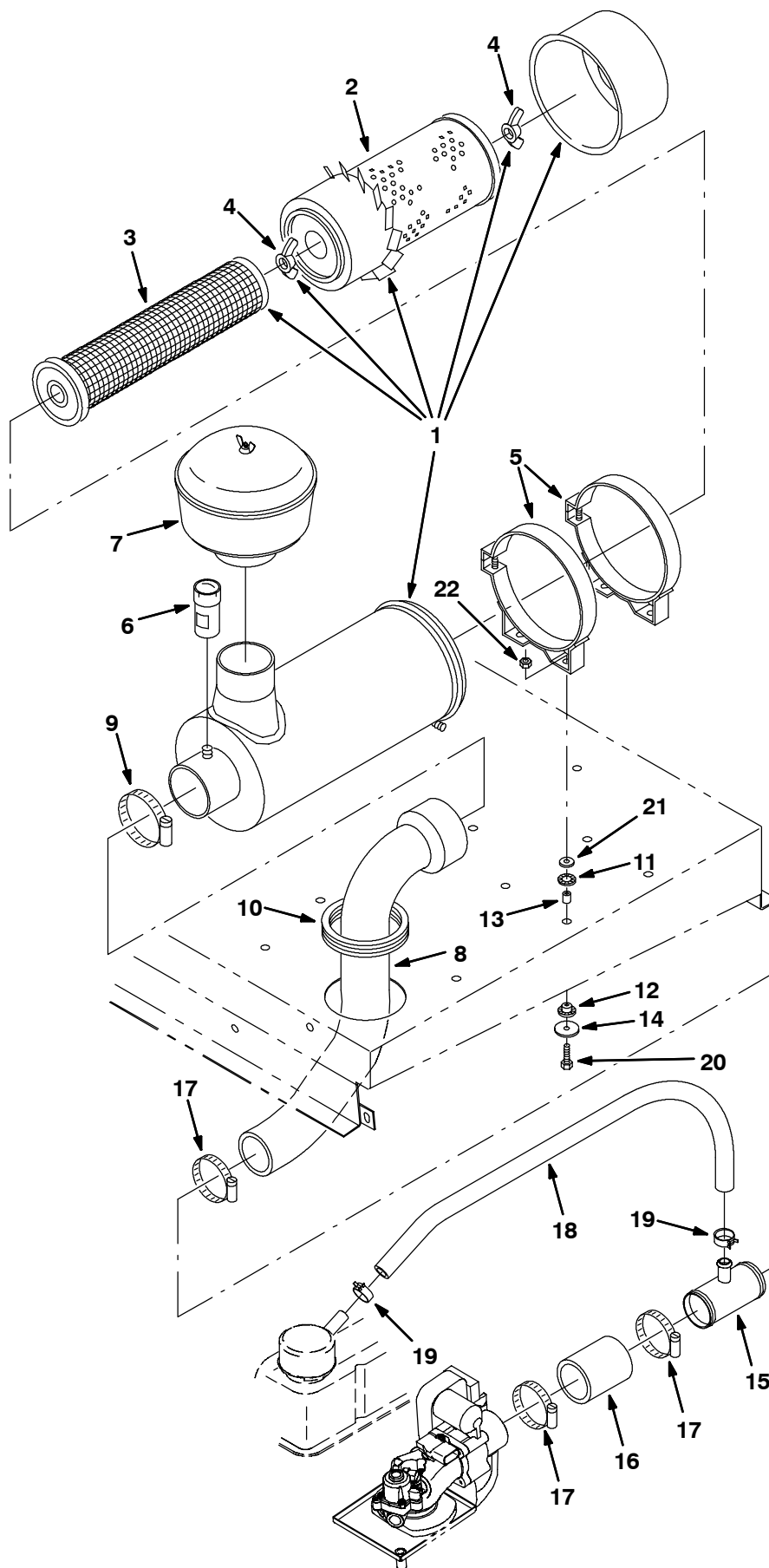


Fig. 40 - Engine Air Cleaner Group, Gas (006000-006999)

	Ref.	Part No.	Serial Number	Description	Qty.
▽	1	48014	(006000-006999)	Cleaner, Air Al Se	1
▲	2	60934	(006000-006999)	Element, Air Cleaner	1
▲	3	60933	(006000-006999)	Element, Filter Safety	1
▲	4	07562	(006000-006999)	Nut,Wing .44-20 Special	2
	5	76321	(006000-006999)	Band,Mtg.	2
	6	03026	(006000-006999)	Indicator Service Air Filter	1
	7	75666	(006000-006999)	Filter, Pre-Cleaner, A/C	1
	8	393208	(006000-006999)	Hose, Molded	1
	9	43555	(006000-006999)	Clamp-Wormdrive, 1.62- 3.50D	1
	10	380591	(006000-006999)	Grommet, Rbr, 3.75ld F/ 4.0H .	1
	11	54527	(006000-006999)	Ring, Rubber	4
	12	54528	(006000-006999)	Bushing, Rubber	4
	13	45177	(006000-006999)	Sleeve	4
	14	41178	(006000-006999)	Washer, Fender	4
	15	1011780	(006000-006999)	Tube Wldt, Tee	1
	16	15543	(006000-006999)	Hose, Rbr, 2.00id 2.50od 03.0l	1
	17	83584	(006000-006999)	Clamp, Hose, Wormdrive, 1.31-3.25d	1
	18	13124	(006000-006999)	Hose, Heater, 0.62id 18.0l	1
	19	1011899	(006000-006999)	Clamp, Hose, Spring Stl, 0.86d X 0.38w	2
	20	06944	(006000-006999)	Screw, Hex, M6 X 1.0 X 25, 8.8	1
	21	32490	(006000-006999)	Washer, Flat, 0.25 Std	1
	22	08708	(006000-006999)	Nut, Hex, Lock, M6 X 1.0, NI	1

Fig. 41 - Engine Air Cleaner Group, Gas (007000-)

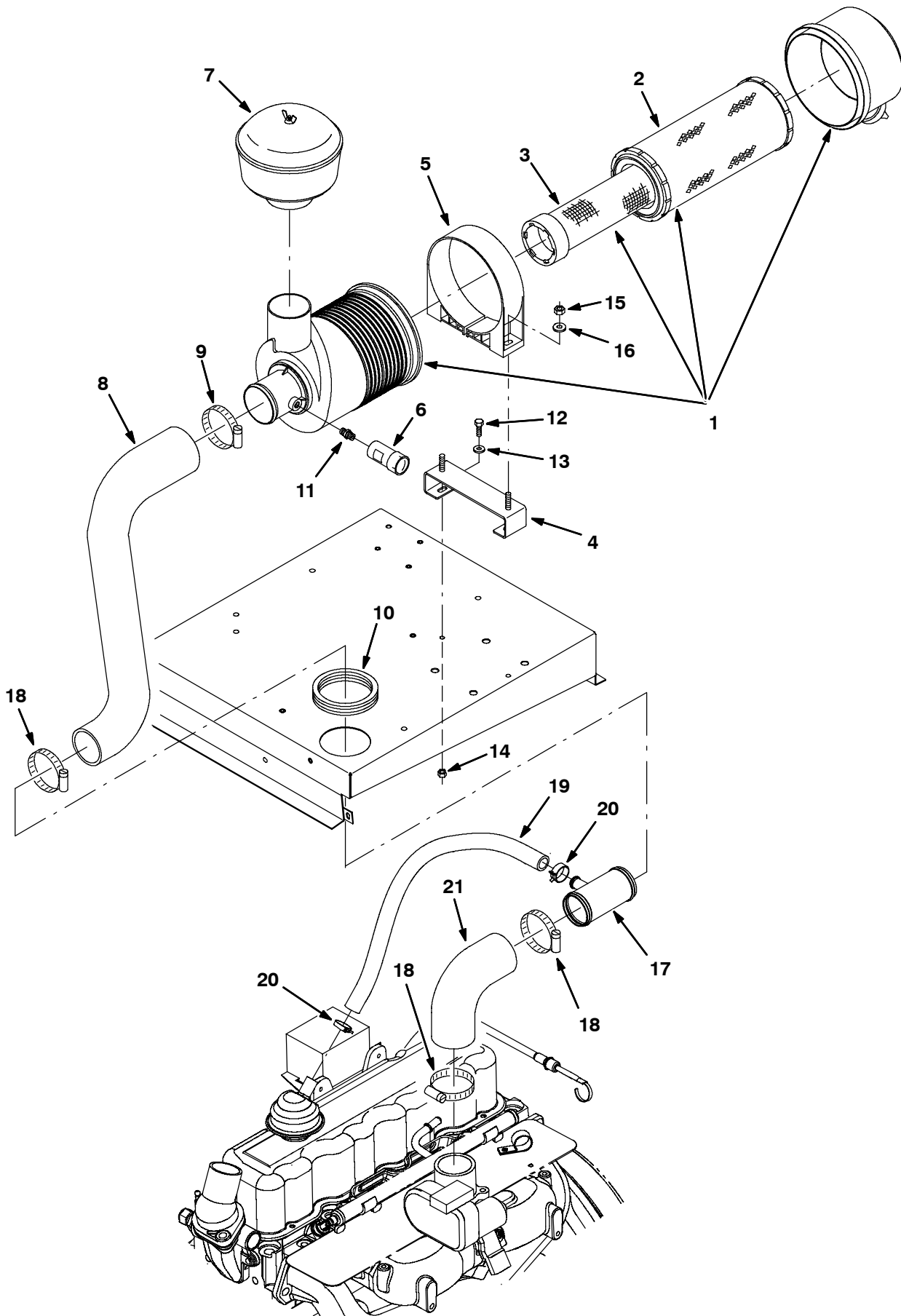


Fig. 41 - Engine Air Cleaner Group, Gas (007000-)

	Ref.	Part No.	Serial Number	Description	Qty.
▽	1	1013344	(007000-	) Filter Assy, Air, 3.0 Inlet [Dn#G070070]	1
▲	2	372652	(007000-	) Element, Fltr, Air [Dn]	1
▲	3	372651	(007000-	) Element, Fltr, Air	1
	4	1012754	(007000-	) Bracket, Stand-Off, Fltr, Air	2
	5	1013366	(007000-	) Strap, Mtg, Fltr, Air, 7.17id	2
	6	03026	(007000-	) Indicator, Service, Fltr, Air [20h20 Dn]	1
	7	75666	(007000-	) Filter, Air, Pre-Cln, A/C	1
	8	393208	(007000-	) Hose, Intake, Mold, Rwk 380592	1
	9	43555	(007000-	) Clamp, Hose, Wormdrive, 2.50-3.50d, .50w	1
	10	380591	(007000-	) Grommet, Rbr, 3.25id, F/3.5h, .06 Matl	1
	11	51560-5	(007000-	) Fitting, Brs, Str, Pm02, Service	1
	12	06949	(007000-	) Screw, Hex, M6 X 1.0 X 50, 8.8	2
	13	19066	(007000-	) Washer, Flat, #10	2
	14	07791	(007000-	) Nut, Hex, Flng, M8 X 1.25	2
	15	08709	(007000-	) Nut, Hex, Lock, M8 X 1.25, NI	2
	16	32491	(007000-	) Washer, Flat, 0.31, Std	2
	17	1011780	(007000-	) Tube Wldt, Tee	1
	18	83584	(007000-	) Clamp, Hose, Wormdrive, 2.25-3.25d, .50w	3
	19	393373	(007000-	) Hose, Heater, 0.62id, 024.0l	1
	20	1011899	(007000-	) Clamp, Hose, Spring Stl, 0.86d X 0.38w	2
	21	76825	(007000-	) Hose, Rbr, E90, 2.00id 2.00id 03.5 03.5	1

Fig. 42 - Engine Air Cleaner Group, LPG (006000-006999)

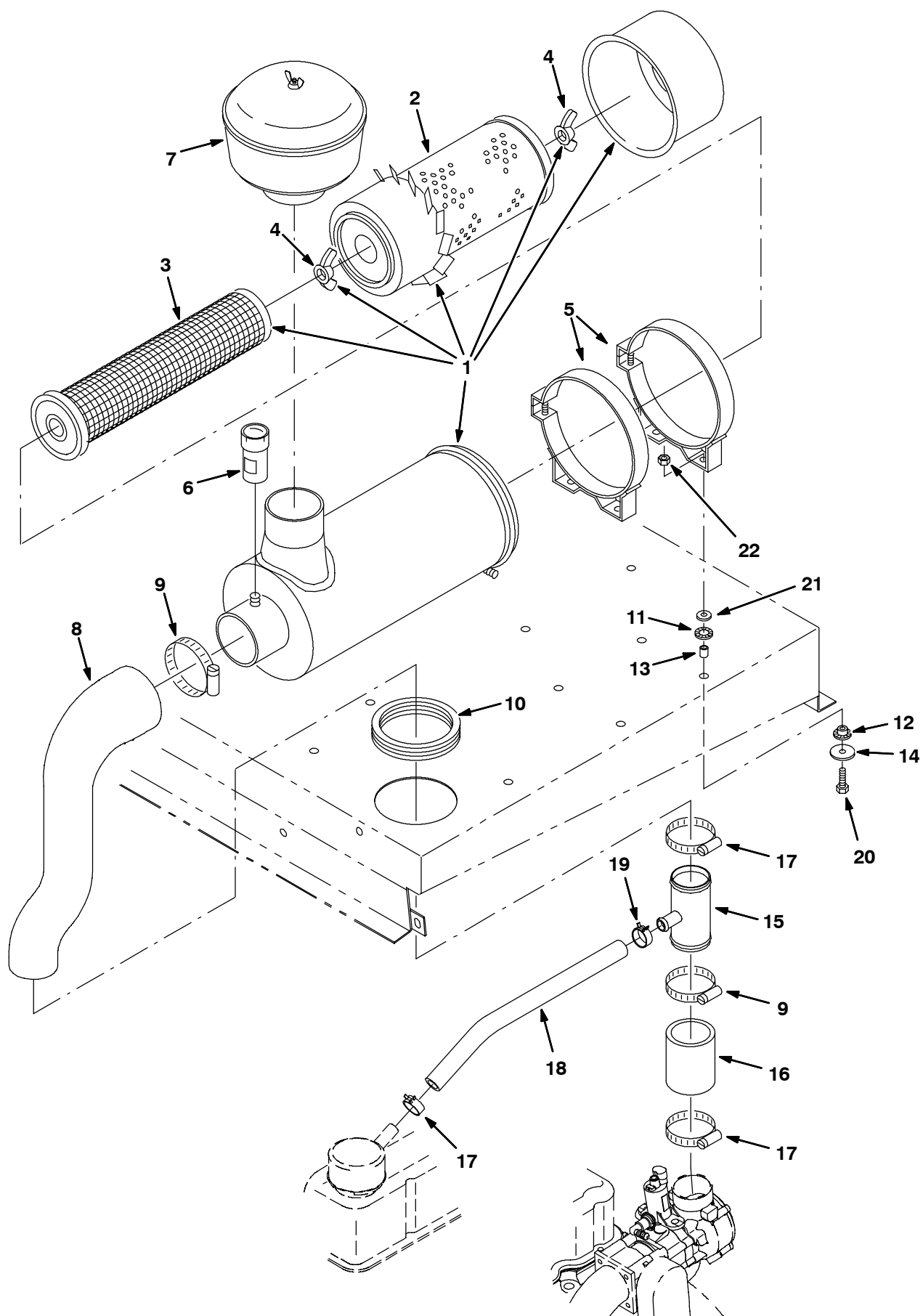


Fig. 42 - Engine Air Cleaner Group, LPG (006000-006999)

	Ref.	Part No.	Serial Number	Description	Qty.
▽	1	48014	(006000-006999)	Cleaner, Air Al Se	1
▲	2	60934	(006000-006999)	Element, Air Cleaner	1
▲	3	60933	(006000-006999)	Element, Filter Safety	1
▲	4	07562	(006000-006999)	Nut,Wing .44-20 Special	2
	5	76321	(006000-006999)	Band,Mtg.	2
	6	03026	(006000-006999)	Indicator Service Air Filter	1
	7	75666	(006000-006999)	Filter, Pre-Cleaner, A/C	1
	8	1011702	(006000-006999)	Hose, Molded	1
	9	43555	(006000-006999)	Clamp-Wormdrive, 1.62- 3.50D	1
	10	380591	(006000-006999)	Grommet, Rbr, 3.75ld F/ 4.0H .	1
	11	54527	(006000-006999)	Ring, Rubber	4
	12	54528	(006000-006999)	Bushing, Rubber	4
	13	45177	(006000-006999)	Sleeve	4
	14	41178	(006000-006999)	Washer, Fender	4
	15	1011780	(006000-006999)	Tube Wldt, Tee	1
	16	15543	(006000-006999)	Hose, Rbr, 2.00id 2.50od 03.0l	1
	17	83584	(006000-006999)	Clamp, Hose, Wormdrive, 1.31-3.25d, .50w	3
	18	393373	(006000-006999)	Hose, Heater, 0.62id 24.0l	1
	19	1011899	(006000-006999)	Clamp, Hose, Spring Stl, 0.86d X 0.38w	2
	20	06944	(006000-006999)	Screw, Hex, M6 X 1.0 X 25, 8.8	1
	21	32490	(006000-006999)	Washer, Flat, 0.25 Std	1
	22	08708	(006000-006999)	Nut, Hex, Lock, M6 X 1.0, NI	1

Fig. 43 - Engine Air Cleaner Group, LPG (007000-)

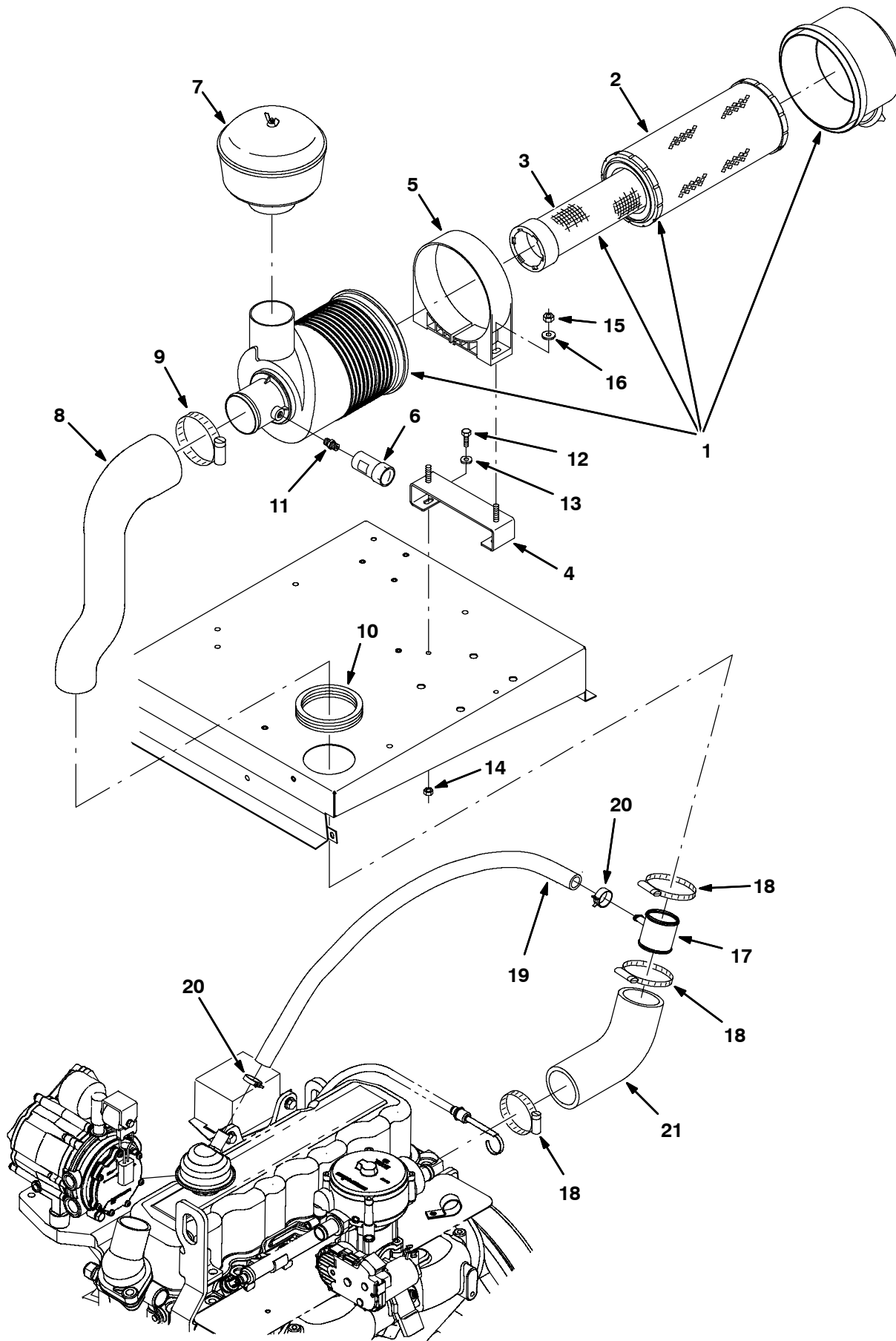


Fig. 43 - Engine Air Cleaner Group, LPG (007000-)

	Ref.	Part No.	Serial Number	Description	Qty.
▽	1	1013344	(007000-	) Filter Assy, Air, 3.0 Inlet [Dn#G070070]	1
▲	2	372652	(007000-	) Element, Fltr, Air [Dn]	1
▲	3	372651	(007000-	) Element, Fltr, Air	1
	4	1012754	(007000-	) Bracket, Stand-Off, Fltr, Air	2
	5	1013366	(007000-	) Strap, Mtg, Fltr, Air, 7.17id	2
	6	03026	(007000-	) Indicator, Service, Fltr, Air [20h20 Dn]	1
	7	75666	(007000-	) Filter, Air, Pre-Cln, A/C	1
	8	1011702	(007000-	) Hose, Intake, Mold, 3.00id 2.00id [Epdm]	1
	9	43555	(007000-	) Clamp, Hose, Wormdrive, 2.50-3.50d, .50w	1
	10	380591	(007000-	) Grommet, Rbr, 3.25id, F/3.5h, .06 Matl	1
	11	51560-5	(007000-	) Fitting, Brs, Str, Pm02, Service	1
	12	06949	(007000-	) Screw, Hex, M6 X 1.0 X 50, 8.8	2
	13	19066	(007000-	) Washer, Flat, #10	2
	14	07791	(007000-	) Nut, Hex, Flng, M8 X 1.25	2
	15	08709	(007000-	) Nut, Hex, Lock, M8 X 1.25, NI	2
	16	32491	(007000-	) Washer, Flat, 0.31, Std	2
	17	1011780	(007000-	) Tube Wldt, Tee	1
	18	83584	(007000-	) Clamp, Hose, Wormdrive, 2.25-3.25d, .50w	3
	19	393373	(007000-	) Hose, Heater, 0.62id, 024.0l	1
	20	1011899	(007000-	) Clamp, Hose, Spring Stl, 0.86d X 0.38w	2
	21	1032032	(007000-	) Hose, Intake, Mold, 2.00id [Epdm]	1

Fig. 44 - Engine Muffler Group (004000-004936)

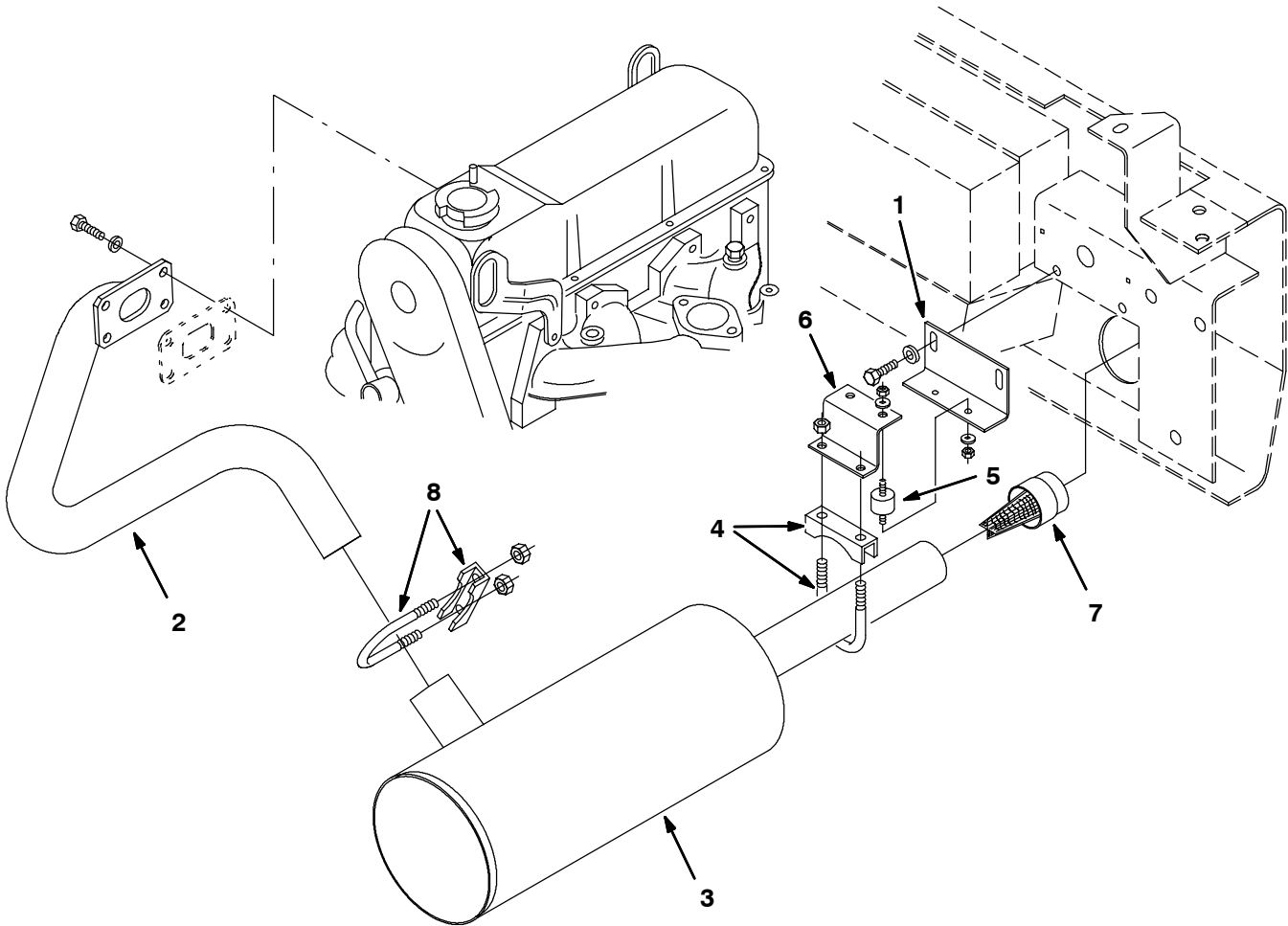


Fig. 44 - Engine Muffler Group (004000-004936)

Ref.	Part No.	Serial Number	Description	Qty.
1	21138	(004000-004936)	Bracket, Tail Pipe	1
2	70631	(004000-004936)	Pipe Wldt, Exhaust, Gas/Lpg	1
3	76383	(004000-004936)	Muffler, Exhaust	1
4	05881	(004000-004936)	Clamp-Muffler,For 2.00 Od Tube	1
5	82661	(004000-004936)	Isolator-Vibration .25-20	2
6	21136	(004000-004936)	Bracket, Tail Pipe	1
7	70832	(004000-004936)	Screen, Muffler	1
8	05880	(004000-004936)	Clamp-Muffler,For 1.87 Od Tube	1

Fig. 45 - Engine Muffler Group, Catalytic (004937-005999)

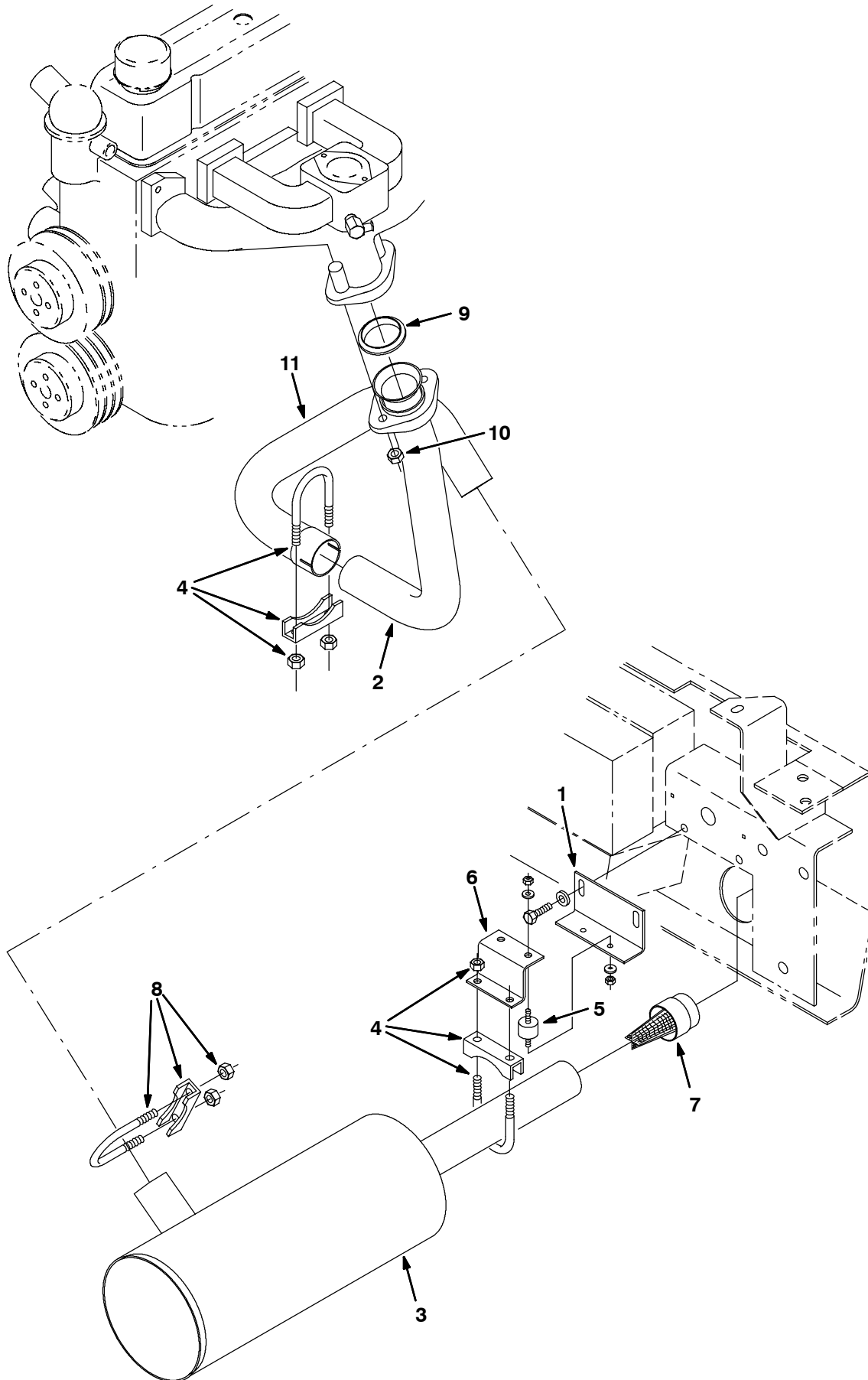


Fig. 45 - Engine Muffler Group, Catalytic (004937-005999)

Ref.	Part No.	Serial Number	Description	Qty.
1	21138	(004937-005999)	Bracket, Tail Pipe	1
2	393253	(004937-005999)	Tube, Exhaust, 2.0d [Gm3.0] [800/810]	1
3	76383	(004937-005999)	Muffler, Exhaust	1
4	05881	(004937-005999)	Clamp-Muffler, For 2.00 Od Tube	2
5	82661	(004937-005999)	Isolator-Vibration .25-20	2
6	21136	(004937-005999)	Bracket, Tail Pipe	1
7	70832	(004937-005999)	Screen, Muffler	1
8	05880	(004937-005999)	Clamp-Muffler, For 1.87 Od Tube	1
9	371573	(004937-005999)	Gasket	1
10	25014	(004937-005999)	Nut, Hex, Std, .38-16	2
11	393252	(004937-005999)	Tube, Exhaust, 2.0d [Gm3.0] [800/810]	1

Fig. 46 - Engine Muffler Group, Catalytic (006000-006999)

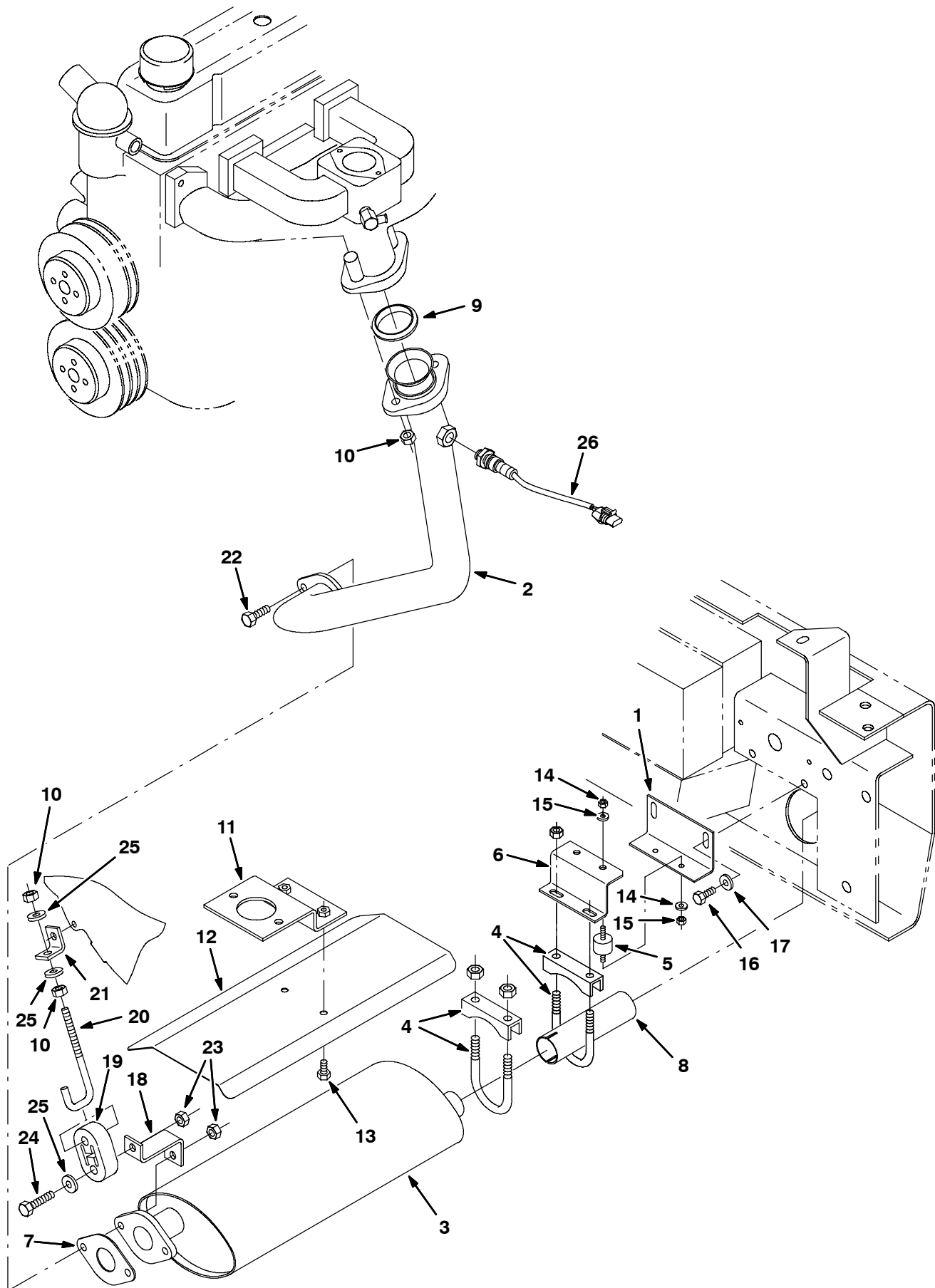


Fig. 46 - Engine Muffler Group, Catalytic (006000-006999)

Ref.	Part No.	Serial Number	Description	Qty.
1	21138	(006000-006999)	Bracket, Tail Pipe	1
2	1011944	(006000-006999)	Tube, Exhaust, 2.0d [Gm3.0] [800/810]	1
3	1011259	(006000-006999)	Muffler, Catalytic [Gm 1.6/3.0]	1
4	24012	(006000-006999)	Clamp, Muffler, 1.62d	2
5	1013588	(006000-006999)	Isolator, Vib, Ring, 1.0d .25-20/.25-20	2
6	1012012	(006000-006999)	Bracket, Tailpipe	1
7	1011216	(006000-006999)	Gasket, Exhaust, 2 Hole, 3.4bc	1
8	1011959	(006000-006999)	Tube, Exhaust, Rear	1
9	371573	(006000-006999)	Gasket	1
10	25014	(006000-006999)	Nut, Hex, Std, .38-16	4
11	1012990	(006000-006999)	Bracket, Mtg, Heat Shield	1
12	1012999	(006000-006999)	Shield, Heat	1
13	16735	(006000-006999)	Screw, Hex, M8 X 1.25 X 16, 8.8	2
14	19312	(006000-006999)	Nut, Hex, Std, .25-20	4
15	32982	(006000-006999)	Washer, Lock, Int, 0.25	4
16	16931	(006000-006999)	Screw, Hex, M8 X 1.25 X 20, 8.8	2
17	32491	(006000-006999)	Washer, Flat, 0.31 Std	2
18	1013116	(006000-006999)	Bracket, Isolator	1
19	1013031	(006000-006999)	Isolator, Rubber	1
20	1013117	(006000-006999)	Rod, Hanger, Isolator	1
21	1013113	(006000-006999)	Bracket, Mtg, Isolator	1
22	03192	(006000-006999)	Screw, Hex, M10 X 1.5 X 30, 8.8	2
23	08166	(006000-006999)	Nut, Hex, Stover, M10 X 1.5	3
24	06962	(006000-006999)	Screw, Hex, M10 X 1.5 X 45, 8.8	1
25	32492	(006000-006999)	Washer, Flat, 0.38 Std	3
26	372491	(006000-006999)	Sensor, Oxygen	1

Fig. 47 - Engine Muffler Group, Catalytic (007000-)

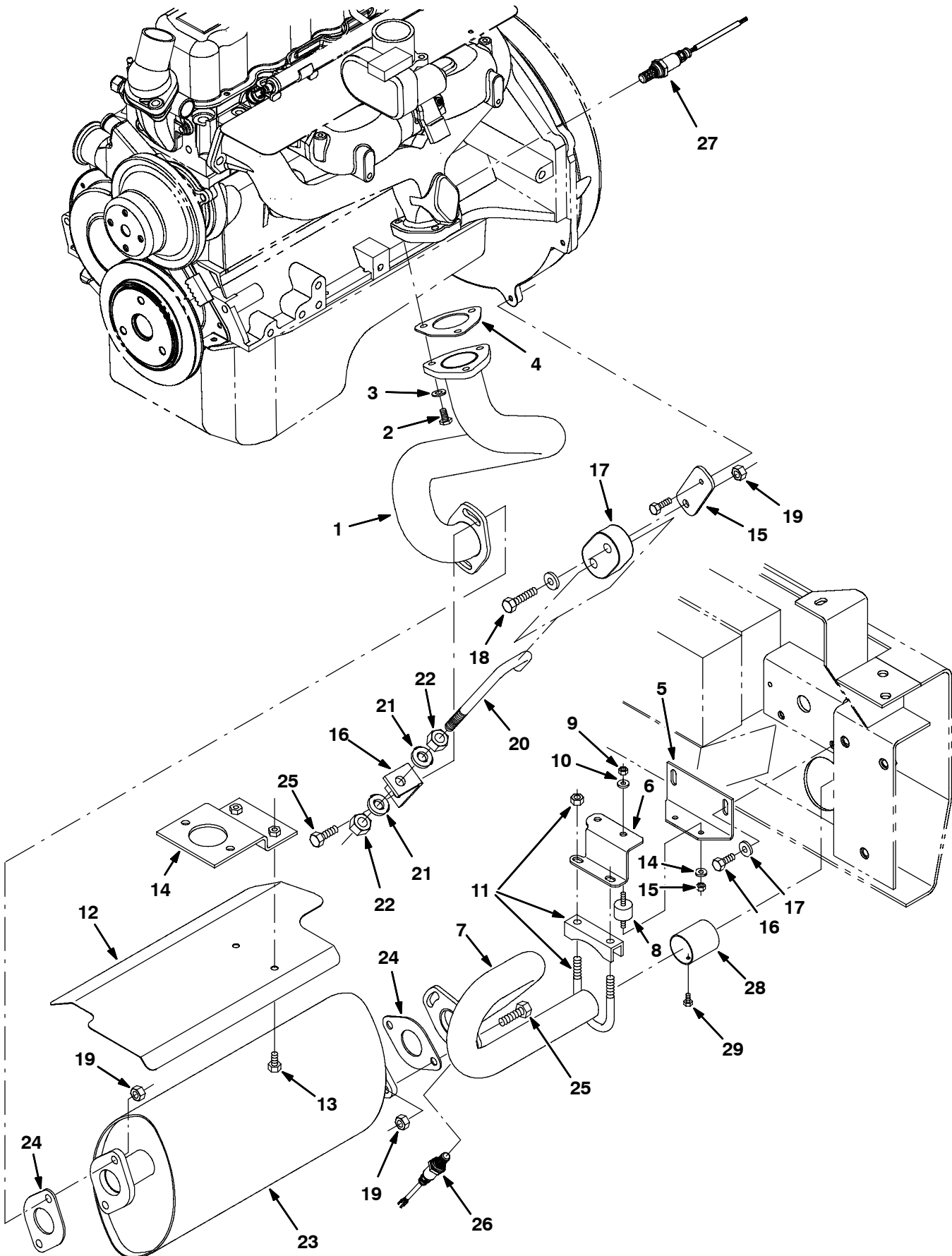


Fig. 47 - Engine Muffler Group, Catalytic (007000-)

Ref.	Part No.	Serial Number	Description	Qty.
1	1032083	(007000-	) Tube, Exhaust, Lower, [800/810, 2007]	1
2	76570	(007000-	) Screw, Hex, M8 X 1.25 X 30, 8.8	3
3	32491	(007000-	) Washer, Flat, 0.31, Std	5
4	1033739	(007000-	) Gasket, Flng, Exhaust	1
5	1030502	(007000-	) Bracket, Tailpipe [800/810 2007]	1
6	1030501	(007000-	) Bracket, Tailpipe [800/810 2007]	1
7	1029996	(007000-	) Tube, Exhaust, Rear [Gm3.0l 800/810 07]	1
8	82661	(007000-	) Isolator, Vib, Ring, 1.0d .25-20/.25-20	2
9	19312	(007000-	) Nut, Hex, Std, .25-20	4
10	32982	(007000-	) Washer, Lock, Int, 0.25	4
11	24012	(007000-	) Clamp, Muffler, 1.62d	1
12	1028836	(007000-	) Shield, Heat	1
13	16931	(007000-	) Screw, Hex, M8 X 1.25 X 20, 8.8	4
14	1028835	(007000-	) Bracket, Mtg, Heat Shield	1
15	1030122	(007000-	) Link, 0.18, 1.5w 03.6l, 1/0.4h 1/0.3h	1
16	1030134	(007000-	) Bracket, Mtg, Isolator [800/810 07]	1
17	1013031	(007000-	) Isolator, Rbr	1
18	06962	(007000-	) Screw, Hex, M10 X 1.5 X 45, 8.8	1
19	08166	(007000-	) Nut, Hex, M10 X 1.50 [Stover]	5
20	1032142	(007000-	) Rod, Hanger, Isolator	1
21	32492	(007000-	) Washer, Flat, 0.38, Std	2
22	25014	(007000-	) Nut, Hex, Std, .38-16	2
23	1030533	(007000-	) Muffler, Catalytic [Gm 3.0l 2007]	1
24	1011216	(007000-	) Gasket, Exhaust, 2hole, 3.4bc	2
25	39284	(007000-	) Screw, Hex, M10 X 1.5 X 35, 8.8	4
26	1028558	(007000-	) Sensor, Exhaust, Tailpipe	1
27	1028559	(007000-	) Sensor, Oxygen [Gm 1.6l/3.0l 2007]	1
28	1038293	(007000-	) Tube, Tailpipe	1
29	01706	(007000-	) Screw, Hex, #08-32 X 0.38, Tcut	1

Fig. 48 - Engine Fuel Tank Group, Gas (004000-004936)

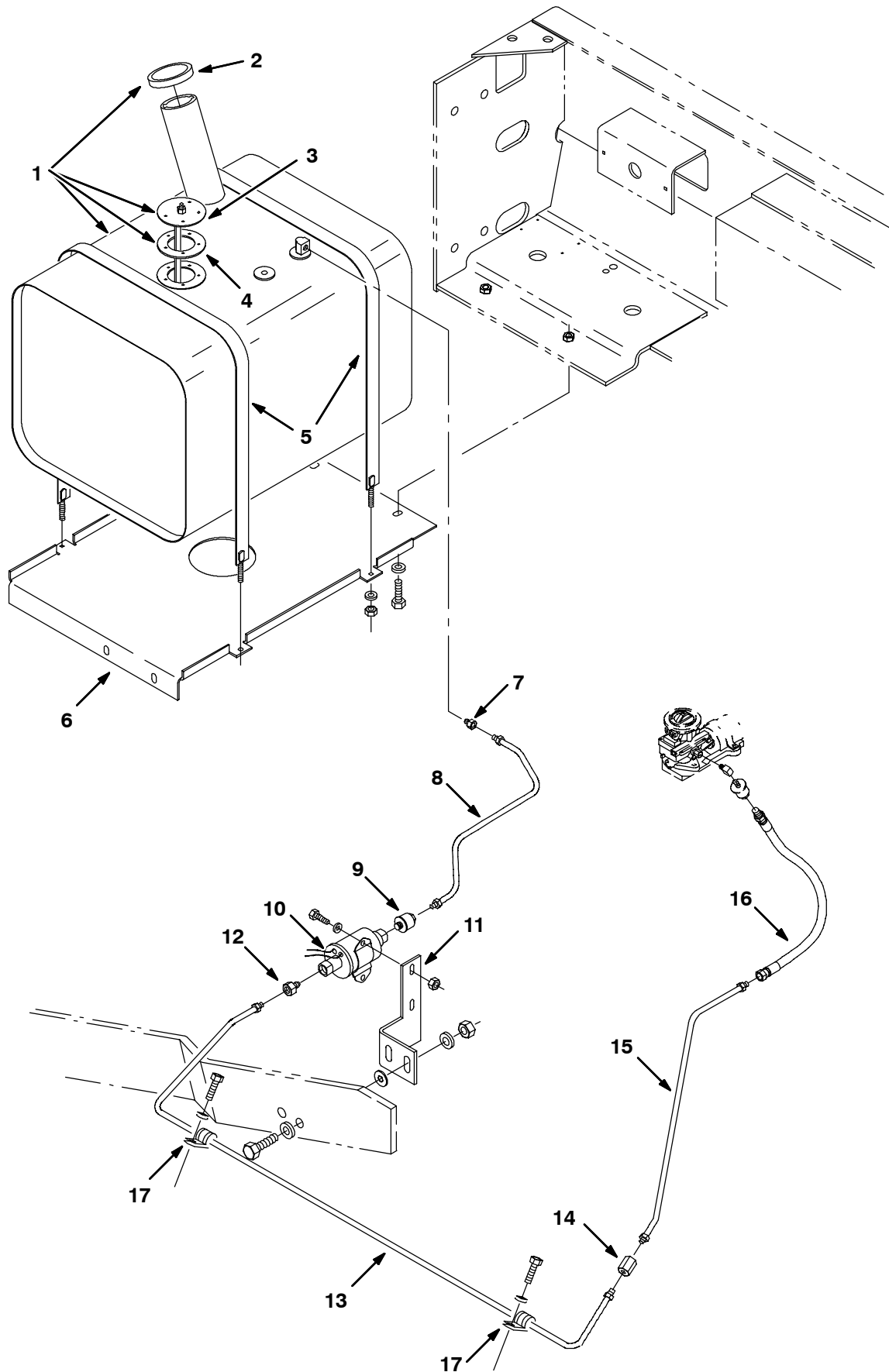


Fig. 48 - Engine Fuel Tank Group, Gas (004000-004936)

	Ref.	Part No.	Serial Number	Description	Qty.
▽	1	76907	(004000-004936)	Tank, Fuel	1
▲	2	48267	(004000-004936)	Cap, Fuel	1
▲	3	21731	(004000-004936)	Send Unit	1
▲	4	21732	(004000-004936)	Gasket, 2.7D 1.5B.12T 5/ 2.1Bc	1
	5	87396	(004000-004936)	Strap Weldmt, Gas Tank	2
	6	70477	(004000-004936)	Plate, Mounting, Tank, Gas	1
	7	78043	(004000-004936)	Fitting-Brs Str	1
	8	77558	(004000-004936)	Fuelline, .312 Od	1
	9	36050	(004000-004936)	Filter, Fuel	1
	10	59015	(004000-004936)	Pump, Fuel	1
	11	75854	(004000-004936)	Bracket, Pump, Fuel	1
	12	40585	(004000-004936)	Ftg-Brs Str If05/Pm02	1
	13	83644	(004000-004936)	Fuelline, .312 Od	1
	14	25610	(004000-004936)	Ftg-Brs If05/If05	1
	15	83643	(004000-004936)	Tube Assy, Fuel .31Od	1
	16	70173	(004000-004936)	Hose, Fuelline, 10.0L	1
	17	76736	(004000-004936)	Clamp-Cable, 0.38Dia 0.62Wth	2

Fig. 49 - Engine Fuel Tank Group, Gas (004937-005999)

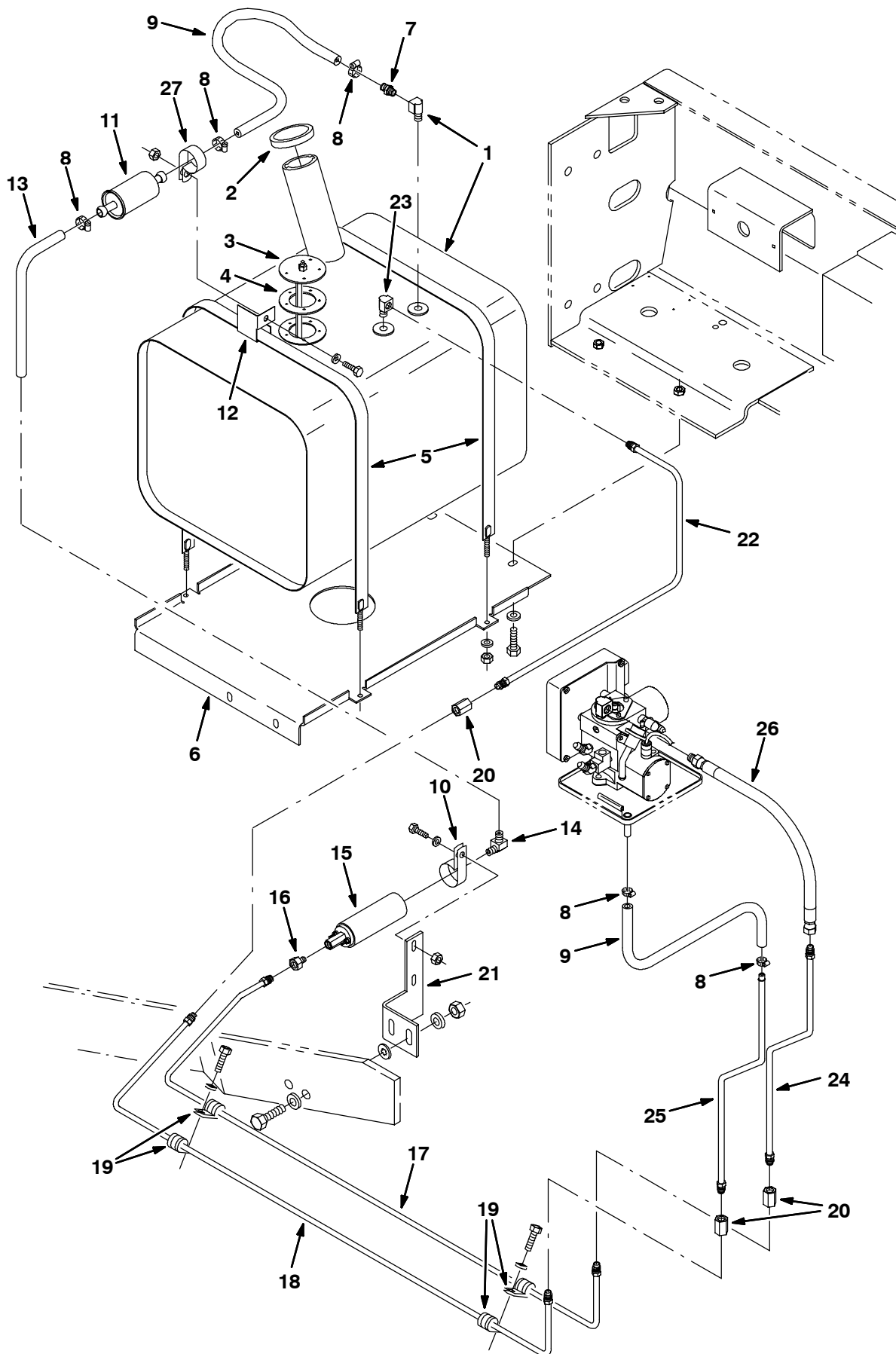


Fig. 49 - Engine Fuel Tank Group, Gas (004937-005999)

	Ref.	Part No.	Serial Number	Description	Qty.
▽	1	76907	(004937-005999)	Tank, Fuel, 14 Gas 14.7 13.0 19.0l	1
▲	2	48267	(004937-005999)	Cap, Tank, Fuel, 2.3neck 2.6d	1
▲	3	21731	(004937-005999)	Send-Unit	1
▲	4	21732	(004937-005999)	Gasket, Send-Unit	1
	5	87396	(004937-005999)	Strap Wldt, Tank, .06th X 1.0w, 37.7l	2
	6	70477	(004937-005999)	Plate, Mtg, Tank, Gas	1
	7	392629	(004937-005999)	Fitting, Brs, Str, Bm05/Pm04	1
	8	43844	(004937-005999)	Clamp, Hose, Wormdrive, 0.25-0.62d	5
	9	82509	(004937-005999)	Hose, Fuel, 0.31id 11.0l	2
	10	86328	(004937-005999)	Clamp, Cable, Stl, 1.50d X 0.75w, 1h	1
	11	371662	(004937-005999)	Filter, Fuel	1
	12	70767	(004937-005999)	Bracket, Mtg, Fuelline	1
	13	82510	(004937-005999)	Hose, Fuel, 0.31id 14.0l	1
	14	53029	(004937-005999)	Fitting, Brs, E90, Em05/Pm02	1
	15	371661	(004937-005999)	Pump, Fuel, Gas	1
	16	40585	(004937-005999)	Fitting, Brs, Str, lf05/Pm02	1
	17	392594	(004937-005999)	Fuelline, .31d 05if/05if	2
	18	392593	(004937-005999)	Fuelline, .31d 05if/05f	1
	19	76736	(004937-005999)	Clamp, Cable, Stl, 0.38d X 0.62w, 1h	4
	20	25610	(004937-005999)	Fitting, Brs, Str, lf05/lf05	3
	21	75854	(004937-005999)	Bracket, Pump, Fuel	1
	22	392597	(004937-005999)	Fuelline, .31d 05if/05if	1
	23	15555-1	(004937-005999)	Fitting, Brs, E90, lf05/Pm02	1
	24	393200	(004937-005999)	Fuelline, .31d 05if/05if	1
	25	392649	(004937-005999)	Fuelline, .31d 05if/Bea	1
	26	70173	(004937-005999)	Hose, 0050, 04, lm05str /lf05str , 10.0	1
	27	41016	(004937-005999)	Clamp, Cable, Stl, 2.25d X 1.0w, 1h	1

Fig. 50 - Engine Fuel Tank Group, Gas (006000-006999)

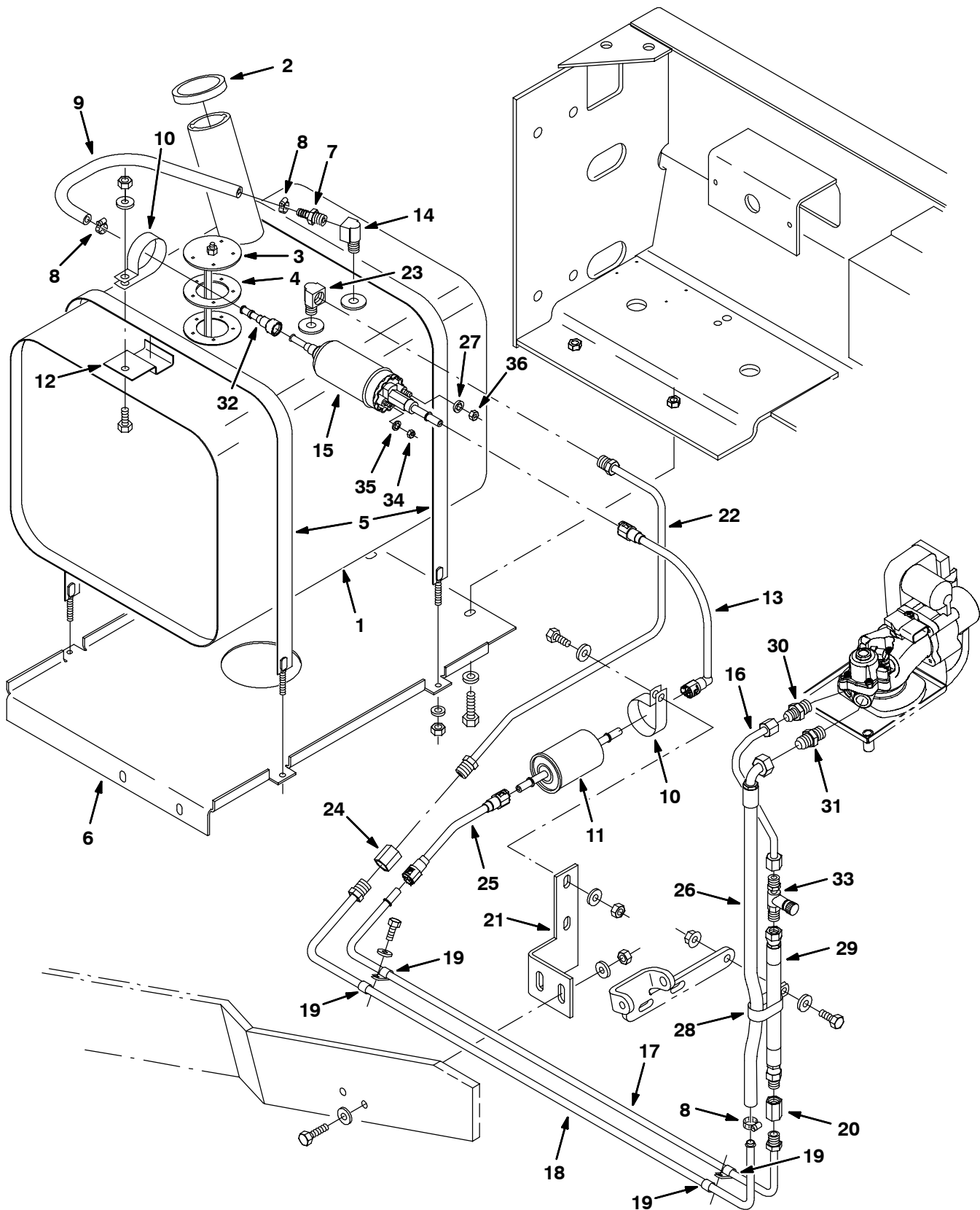


Fig. 50 - Engine Fuel Tank Group, Gas (006000-006999)

	Ref.	Part No.	Serial Number	Description	Qty.
▽	1	1012110	(006000-006999)	Tank, Fuel, 14 Gas 14.7 13.0 19.0	1
▲	2	48267	(006000-006999)	Cap, Tank, Fuel, 2.3neck 2.6d	1
▲	3	21731	(006000-006999)	Send-Unit, Fuel, Ohm	1
▲	4	21732	(006000-006999)	Gasket, Sender, Fuel	1
	5	87396	(006000-006999)	Strap Wldt, Tank, .06th X 1.0w, 37.7l	2
	6	70477	(006000-006999)	Plate, Mtg, Tank, Gas	1
	7	392629	(006000-006999)	Fitting, Brs, Str, Pm04/Bm05	1
	8	43844	(006000-006999)	Clamp, Hose, Wormdrive, 0.25-0.62d	3
	9	83591	(006000-006999)	Hose, Fuel, 0.31id 16.0l	1
	10	1011895	(006000-006999)	Clamp, Cable, Stl, 2.00d X 0.75w, 1h	2
	11	372440	(006000-006999)	Fuel, Fltr [Gm 1.6l/3.0l]	1
	12	1008988	(006000-006999)	Bracket, Fltr, Fuel	1
	13	1012250	(006000-006999)	Fuelline, .31d Str/E90, Plstc	1
	14	27048	(006000-006999)	Fitting, Brs, E90, Pm04/Pf04	1
	15	1011107	(006000-006999)	Pump, Fuel, Hi-Press [Gm 1.6l/3.0l]	1
	16	1012469	(006000-006999)	Fuelline, .31d 05if/05jf Stl	1
	17	1011943	(006000-006999)	Fuelline, .31d 05if/Qm Stl	2
	18	1011942	(006000-006999)	Fuelline, .38d 06if/Bea Stl	1
	19	76736	(006000-006999)	Clamp, Cable, Stl, 0.38d X 0.62w, 1h	4
	20	25610	(006000-006999)	Fitting, Brs, Str, lf05/lf05	1
	21	1012018	(006000-006999)	Bracket, Pump, Fuel	1
	22	1011941	(006000-006999)	Fuelline, .38d 06if/06if Stl	1
	23	54140	(006000-006999)	Fitting, Brs, E90, lf06/Pm04	1
	24	392598	(006000-006999)	Fitting, Brs, Str, lf06/lf06	1
	25	1012248	(006000-006999)	Fuelline, .31d Str/Str, Plstc	1
	26	1013030	(006000-006999)	Hose, Fuel, Jf06e90, 20.3l	1
	27	32980	(006000-006999)	Washer, Lock, Int, #10	1
	28	09570	(006000-006999)	Clamp, Cable, Stl, 0.9x1.8x0.62w, 1h	1
	29	70173	(006000-006999)	Hose, 0050, 04, lm05str /lf05str , 10.0	1
	30	1012677	(006000-006999)	Fitting, Hyd, Str, Jm05/Om06	1
	31	56690	(006000-006999)	Fitting, Hyd, Str, Jm06/Om06	1
	32	1013086	(006000-006999)	Connector, Fuel, Qf	1
	33	1014595	(006000-006999)	Adaptor, Fuelline	1
	34	42368	(006000-006999)	Nut, Hex, Std, M4 X 0.7, 8	1
	35	32978	(006000-006999)	Washer, Lock, Int, #08	1
	36	50335	(006000-006999)	Nut, Hex, Std, M5 X 0.8, 8	1

Fig. 51 - Engine Fuel Tank Group, Gas (007000-)

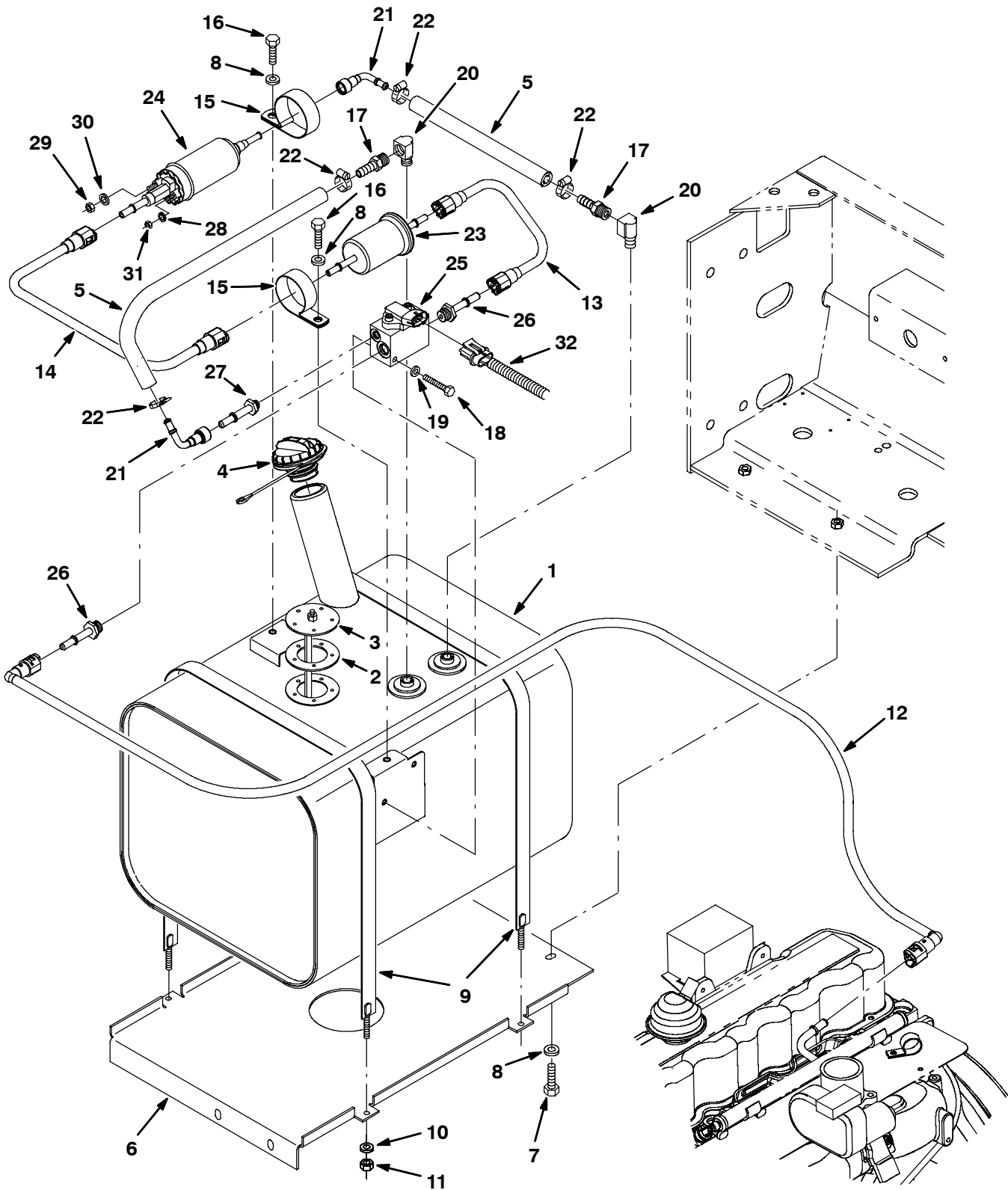


Fig. 51 - Engine Fuel Tank Group, Gas (007000-)

	Ref.	Part No.	Serial Number	Description	Qty.
▽	1	1029502	(007000-	) Tank, Fuel, 14.0gal, 14.66w 13.0hi 19.0l	1
▲	2	1033897	(007000-	) Gasket, Sender, Fuel	1
▲	3	1033899	(007000-	) Send-Unit, Fuel [800/810 2007]	1
▲	4	1032812	(007000-	) Cap, Fuel, Tank	1
	5	1033746	(007000-	) Hose, Fuel, 0.31id [Evap Emission 07]	2
	6	70477	(007000-	) Plate, Mtg, Tank, Gas	1
	7	16931	(007000-	) Screw, Hex, M8 X 1.25 X 20, 8.8	4
	8	32491	(007000-	) Washer, Flat, 0.31, Std	6
	9	87396	(007000-	) Strap Wldt, Tank, 0.06 1.0w 37.7l	2
	10	32483	(007000-	) Washer, Flat, 0.25, Sae	4
	11	32981	(007000-	) Nut, Hex, Lock, .25-20, NI	4
	12	1030485	(007000-	) Fuelline, .31d E90, 05/06, Plstc	1
	13	1013509	(007000-	) Fuelline, .31d Str/Str, Plstc [8200]	1
	14	1034676	(007000-	) Fuelline, .31d Str/Str,Plstc[M20/T20 07]	1
	15	1011895	(007000-	) Clamp, Cable, Stl, 2.00d X 0.75w, 1hole	1
	16	16931	(007000-	) Screw, Hex, M8 X 1.25 X 20, 8.8	1
	17	392629	(007000-	) Fitting, Brs, Str, Bm05/Pm04	2
	18	06949	(007000-	) Screw, Hex, M6 X 1.0 X 50, 8.8	2
	19	32490	(007000-	) Washer, Flat, 0.25, Std	2
	20	9000355	(007000-	) Fitting, Brs, E90, Em05/Pm04	2
	21	1019939	(007000-	) Connector, Fuel, E90, Qf	1
	22	43844	(007000-	) Clamp, Hose, Wormdrive, 0.25-0.62d, .31w	4
	23	372440	(007000-	) Filter, Fuel [Gm 1.6l/3.0l]	1
	24	1011107	(007000-	) Pump, Fuel, Hi Press [Gm 1.6l/3.0l]	1
	25	1028924	(007000-	) Manifold, Gas, Relief, Valve	1
	26	1029293	(007000-	) Fitting, Fuel, Str, 0.56-18 [07 Eng]	2
	27	1029295	(007000-	) Fitting, Fuel, Str, 0.38-24 [07 Eng]	1
	28	32980	(007000-	) Washer, Lock, Int, #10	1
	29	42368	(007000-	) Nut, Hex, Std, M4 X 0.70, 8	1
	30	32978	(007000-	) Washer, Lock, Int, #08	1
	31	50335	(007000-	) Nut, Hex, Std, M5 X 0.80, 8	1
	32	385009	(007000-	) Harness, Eng	1

Fig. 52 - Engine Fuel Tank Group, LPG (004000-004936)

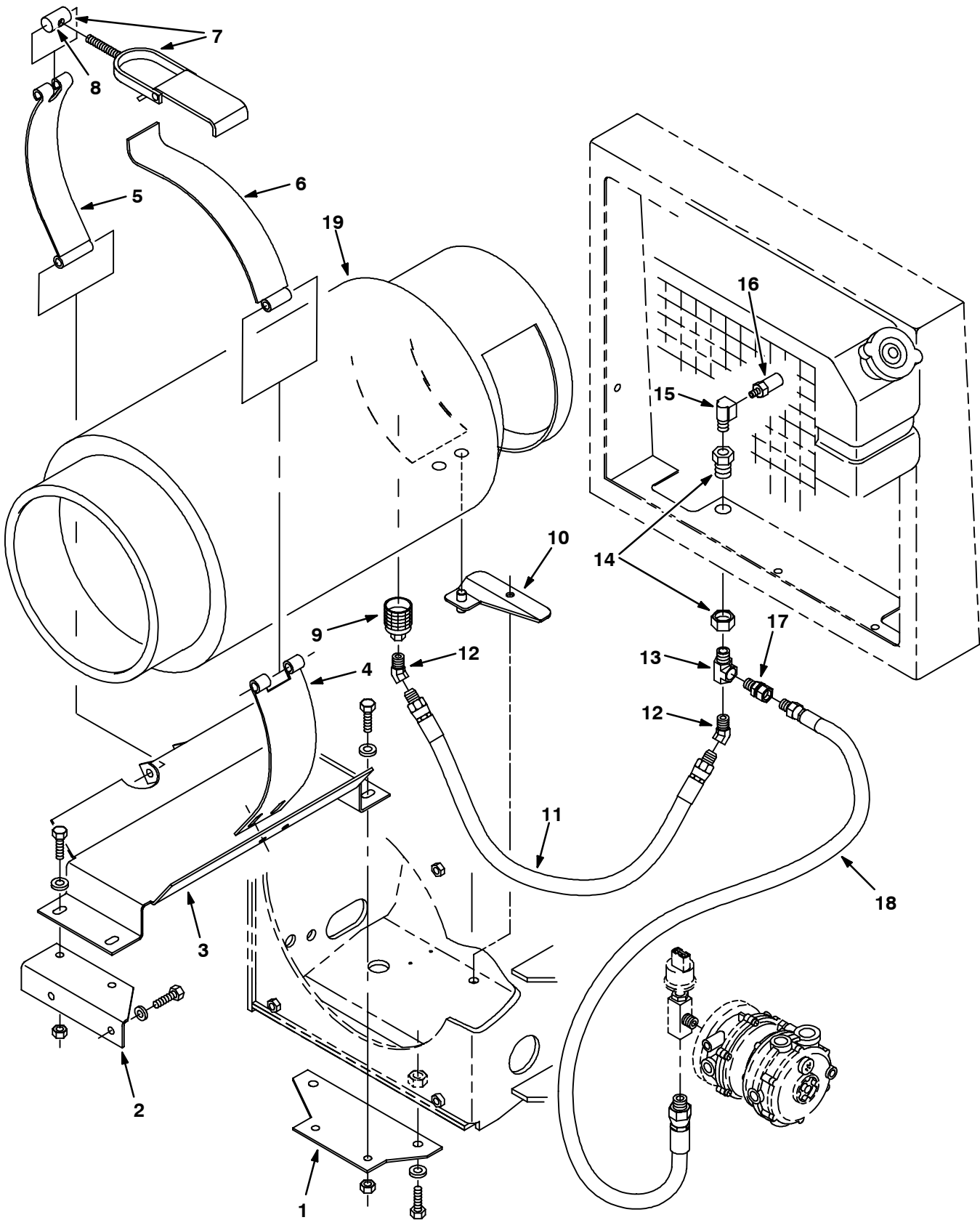


Fig. 52 - Engine Fuel Tank Group, LPG (004000-004936)

Ref.	Part No.	Serial Number	Description	Qty.
1	70718	(004000-004936)	Plate, Mtg	1
2	70719	(004000-004936)	Angle, Mtg	1
3	70435	(004000-004936)	Bracket Wldt, Tank, Lpg	1
4	58589	(004000-004936)	Strap, Mtg.- Lp Tank	1
5	58590	(004000-004936)	Strap, Tank Retainer - Lp	1
6	57297	(004000-004936)	Strap, Hinge - Lp Tank Mtg	1
▽	7	53400-1	(004000-004936) Latch Assy, Lpg Tank Mtg,W/Nut	1
▲	8	53400-4	(004000-004936) Nut, Adjustable, Lpg Tank Mtg	1
9	26496	(004000-004936)	Coupling,Quickdisc, Lpg, Shwd	1
10	74089	(004000-004936)	Plate Wldt.	1
11	22308-3	(004000-004936)	Hose, Lpg, 4Lpg X 35.0Lg	1
12	47720	(004000-004936)	Ftg-Hyd E45 Pm04/Pf04	2
13	56976A	(004000-004936)	Ftg-Tee Npt 04Pm- 04Pf- 04Pf	1
14	78122	(004000-004936)	Ftg,Bulkhead .25Npt Wh W21204	1
15	27048	(004000-004936)	Ftg-El90 Npt/Npt 04Pf/04Pm	1
16	24047	(004000-004936)	Valve, Press Relief, Lpg Rego	1
17	11442-23	(004000-004936)	Ftg-Str Npt/Npt S04Pf-04Pm	1
18	374158	(004000-004936)	Hose, Lpg, 4Lpg X 40.0Lg	1
19	24928-1	(004000-004936)	Tank-Lp, 33#,Liq,Both,Fill Ga	1

Fig. 53 - Engine Fuel Tank Group, LPG (004937-005999)

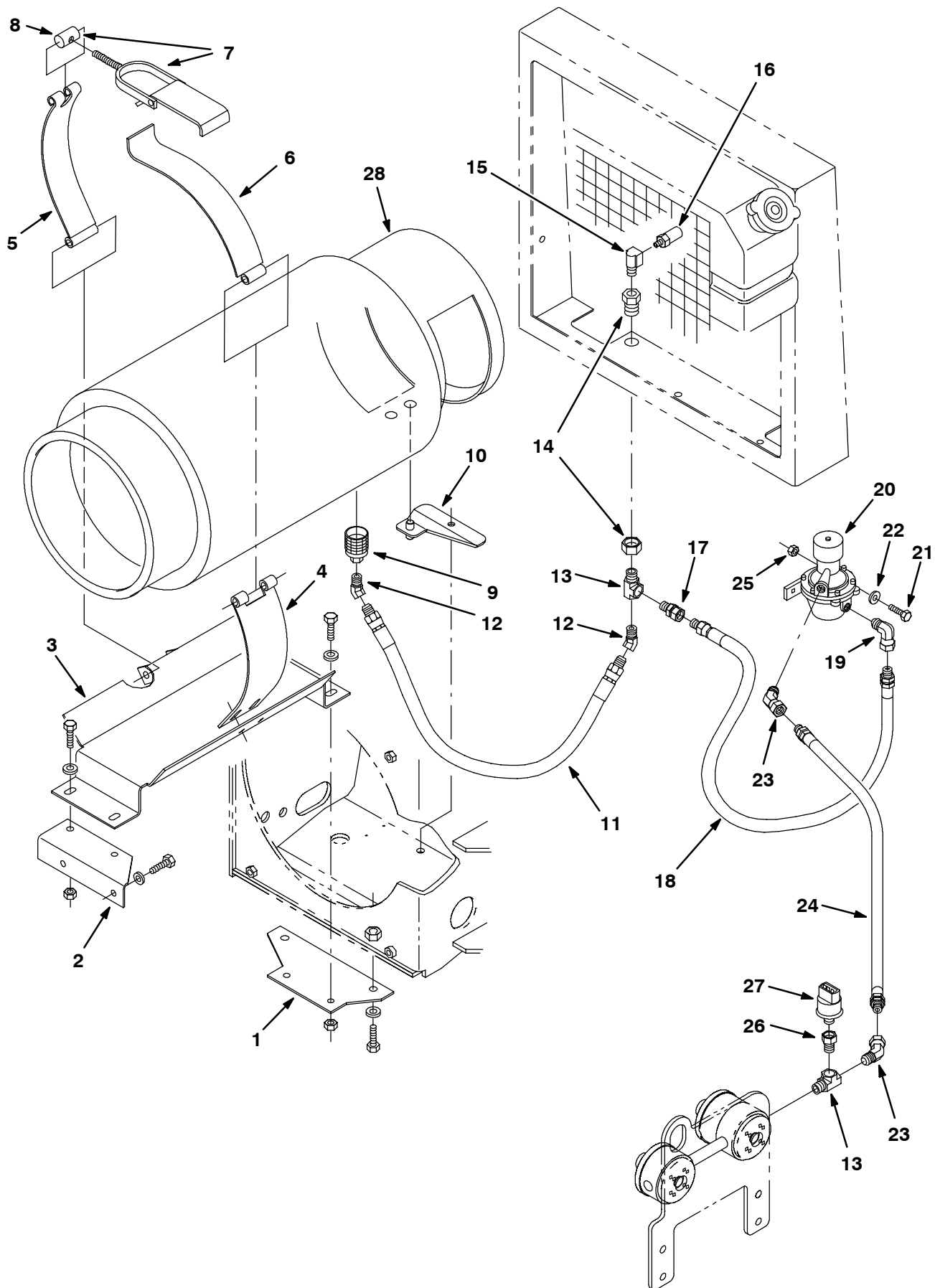


Fig. 53 - Engine Fuel Tank Group, LPG (004937-005999)

Ref.	Part No.	Serial Number	Description	Qty.
1	70718	(004937-005999)	Plate, Mtg	1
2	70719	(004937-005999)	Angle, Mtg	1
3	70435	(004937-005999)	Bracket Wldt, Tank, Lpg	1
4	58589	(004937-005999)	Strap, Mtg.- Lp Tank	1
5	58590	(004937-005999)	Strap, Tank Retainer - Lp	1
6	57297	(004937-005999)	Strap, Hinge - Lp Tank Mtg	1
▽	7	53400-1	(004937-005999) Latch Assy, Lpg Tank Mtg,W/Nut	1
▲	8	53400-4	(004937-005999) Nut, Adjustable, Lpg Tank Mtg	1
9	26496	(004937-005999)	Coupling,Quickdisc, Lpg, Shwd	1
10	74089	(004937-005999)	Plate Wldt.	1
11	22308-3	(004937-005999)	Hose, Lpg, 4Lpg X 35.0Lg	1
12	47720	(004937-005999)	Ftg-Hyd E45 Pm04/Pf04	2
13	56976A	(004937-005999)	Ftg-Tee Npt 04Pm- 04Pf- 04Pf	2
14	78122	(004937-005999)	Ftg,Bulkhead .25Npt Wh W21204	1
15	27048	(004937-005999)	Ftg-El90 Npt/Npt 04Pf/04Pm	1
16	24047	(004937-005999)	Valve, Press Relief, Lpg Rego	1
17	11442-23	(004937-005999)	Ftg-Str Npt/Npt S04Pf-04Pm	1
18	22324	(004937-005999)	Hose, Lpg, Med05, Pm04str/Sm04str, 31.0l	1
19	11442-1	(004937-005999)	Fitting, Hyd, E90, Swivel Pf04/Pm04	1
▽	20	53395-2	(004937-005999) Filter, Fuelock, [Ballwin#4-2384b]	1
▲	48282	(004937-005999)	Kit, Repair, Fuelock, Mv 310-6	1
21	12316	(004937-005999)	Screw, Hex, M05 X 0.8 X 25, Ss	2
22	386063	(004937-005999)	Washer, 0.25b 1.12d .12, Ss	2
23	47720	(004937-005999)	Fitting, Hyd, E45, Pm04/Pf04	2
24	62865	(004937-005999)	Hose, Lpg, Med05, Pm04str/Sm04str, 67.0l	1
25	50335	(004937-005999)	Nut, Hex, Std, M05 X 0.8	2
26	17414	(004937-005999)	Fitting, Pipe, Str, Pm04/Pf02	1
27	23156	(004937-005999)	Switch, Press, 12vdc 08a Spst Nc 0070psi	1
28	24928-1	(004937-005999)	Tank-Lp, 33#,Liq,Both,Fill Ga	1

Fig. 54 - Engine Fuel Tank Group, LPG (006000-006999)

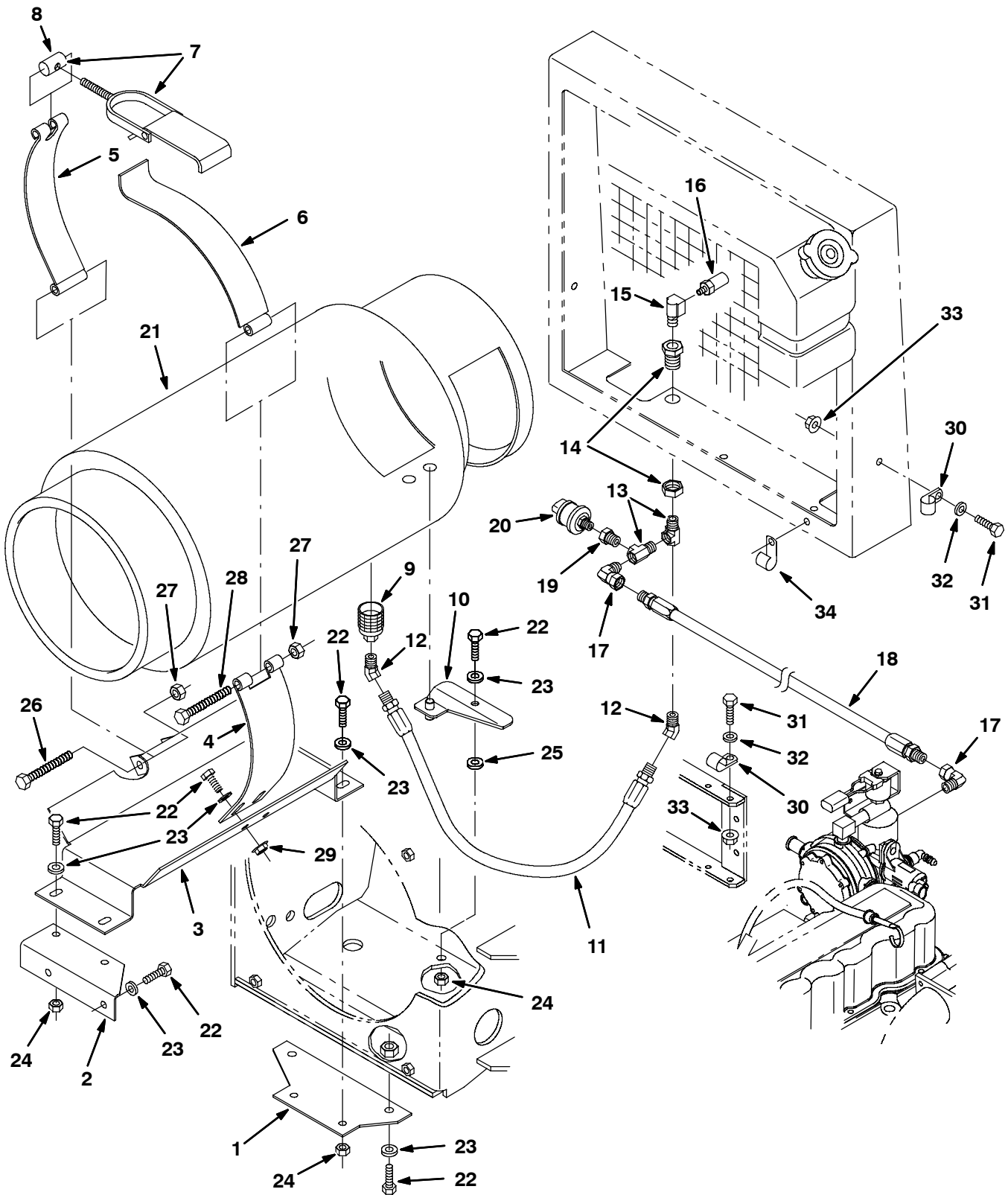


Fig. 54 - Engine Fuel Tank Group, LPG (006000-006999)

Ref.	Part No.	Serial Number	Description	Qty.
1	70718	(006000-006999)	Plate, Mtg	1
2	70719	(006000-006999)	Angle, Mtg	1
3	70435	(006000-006999)	Bracket Wldt, Tank, Lpg	1
4	58589	(006000-006999)	Strap, Mtg.- Lp Tank	1
5	58590	(006000-006999)	Strap, Tank Retainer - Lp	1
6	57297	(006000-006999)	Strap, Hinge - Lp Tank Mtg	1
▽	7	53400-1	(006000-006999) Latch Assy, Lpg Tank Mtg,W/Nut	1
▲	8	53400-4	(006000-006999) Nut, Adjustable, Lpg Tank Mtg	1
9	26496	(006000-006999)	Coupling,Quickdisc, Lpg, Shwd	1
10	74089	(006000-006999)	Plate Wldt.	1
11	374158	(006000-006999)	Hose, Lpg, Med05, Pm04str/Sm04str, 46.0l	1
12	47720	(006000-006999)	Ftg-Hyd E45 Pm04/Pf04	2
13	56976A	(006000-006999)	Ftg-Tee Npt 04Pm- 04Pf- 04Pf	2
14	78122	(006000-006999)	Ftg,Bulkhead .25Npt Wh W21204	1
15	27048	(006000-006999)	Ftg-El90 Npt/Npt 04Pf/04Pm	1
16	24047	(006000-006999)	Valve, Press Relief, Lpg Rego	1
17	11442-1	(006000-006999)	Fitting, Hyd, E90, Swivel Pf04/Pm04	2
18	22308-3	(006000-006527)	Hose, Lpg, 4Lpg X 35.0Lg	1
18	19760	(006528-006999)	Hose, Lpg, Med05, Pm04str/Sm04str, 055.0	1
19	17414	(006000-006999)	Fitting, Pipe, Str, Pm04/Pf02	1
20	23156	(006000-006999)	Switch, Press, 12vdc 08a Spst Nc 0070psi	1
21	24928-1	(006000-006999)	Tank-Lp, 33#,Liq,Both,Fill Ga	1
22	16931	(006000-006999)	Screw, Hex, M8 X 1.25 X 20, 8.8	11
23	32491	(006000-006999)	Washer, Flat, 0.31, Std	11
24	08709	(006000-006999)	Nut, Hex, Lock, M8 X 1.25, NI	7
25	43611	(006000-006999)	Washer, Flat, 0.39b 0.75d .06, Nyl	1
26	35707	(006000-006999)	Screw, Hex, .38-16 X 3.00, G5	1
27	50902	(006000-006999)	Nut, Hex, Lock, .38-16, NI	2
28	20177	(006000-006999)	Screw, Hex, .38-16 X 4.00, G5	1
29	07791	(006000-006999)	Nut, Hex, Flng, M8 X 1.25	2
30	67767	(006528-006999)	Clamp, Cable, Stl, 0.69d X 0.62w, 1hole	2
31	06942	(006528-006999)	Screw, Hex, M6 X 1.0 X 16, 8.8	2
32	19066	(006528-006999)	Washer, Flat, #10	2
33	07790	(006528-006999)	Nut, Hex, Flng, M6 X 1.00	2
34	30407	(006528-006999)	Clip, Keeper, Open	1

Fig. 55 - Engine Fuel Tank Group, LPG (007000-)

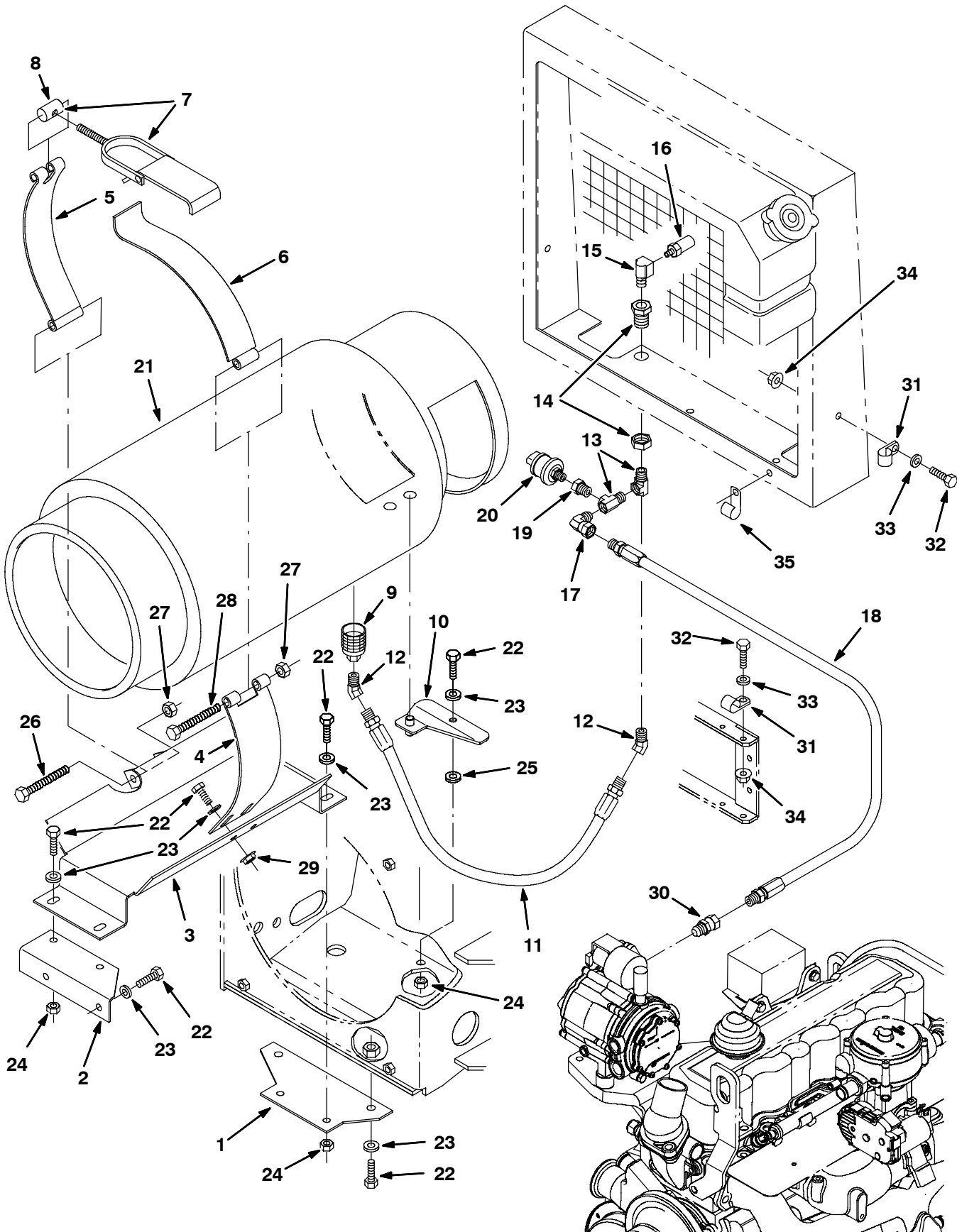


Fig. 55 - Engine Fuel Tank Group, LPG (007000-)

Ref.	Part No.	Serial Number	Description	Qty.
1	70718	(007000-	) Plate, Mtg	1
2	70719	(007000-	) Angle, Mtg	1
3	70435	(007000-	) Bracket Wldt, Tank, Lpg	1
4	58589	(007000-	) Strap, Mtg.- Lp Tank	1
5	58590	(007000-	) Strap, Tank Retainer - Lp	1
6	57297	(007000-	) Strap, Hinge - Lp Tank Mtg	1
▽ 7	53400-1	(007000-	) Latch Assy, Lpg Tank Mtg,W/Nut	1
▲ 8	53400-4	(007000-	) Nut, Adjustable, Lpg Tank Mtg	1
9	26496	(007000-	) Coupling,Quickdisc, Lpg, Shwd	1
10	74089	(007000-	) Plate Wldt.	1
11	374158	(007000-	) Hose, Lpg, Med05, Pm04str/Sm04str, 46.0l	1
12	47720	(007000-	) Ftg-Hyd E45 Pm04/Pf04	2
13	56976A	(007000-	) Ftg-Tee Npt 04Pm- 04Pf- 04Pf	2
14	78122	(007000-	) Ftg,Bulkhead .25Npt Wh W21204	1
15	27048	(007000-	) Ftg-El90 Npt/Npt 04Pf/04Pm	1
16	24047	(007000-	) Valve, Press Relief, Lpg Rego	1
17	11442-1	(007000-	) Fitting, Hyd, E90, Swivel Pf04/Pm04	2
18	19760	(007000-	) Hose, Lpg, Med05, Pm04str/Sm04str, 055.0	1
19	17414	(007000-	) Fitting, Pipe, Str, Pm04/Pf02	1
20	23156	(007000-	) Switch, Press, 12vdc 08a Spst Nc 0070psi	1
21	24928-1	(007000-	) Tank-Lp, 33#,Liq,Both,Fill Ga	1
22	16931	(007000-	) Screw, Hex, M8 X 1.25 X 20, 8.8	9
23	32491	(007000-	) Washer, Flat, 0.31, Std	9
24	08709	(007000-	) Nut, Hex, Lock, M8 X 1.25, NI	7
25	43611	(007000-	) Washer, Flat, 0.39b 0.75d .06, Nyl	1
26	35707	(007000-	) Screw, Hex, .38-16 X 3.00, G5	1
27	50902	(007000-	) Nut, Hex, Lock, .38-16, NI	2
28	20177	(007000-	) Screw, Hex, .38-16 X 4.00, G5	1
29	07791	(007000-	) Nut, Hex, Flng, M8 X 1.25	2
30	11442-23	(007000-	) Fitting, Pipe, Str, Pm04/Sf04	1
31	67767	(007000-	) Clamp, Cable, Stl, 0.69d X 0.62w, 1hole	2
32	06942	(007000-	) Screw, Hex, M6 X 1.0 X 16, 8.8	2
33	19066	(007000-	) Washer, Flat, #10	2
34	07790	(007000-	) Nut, Hex, Flng, M6 X 1.00	2
35	30407	(007000-	) Clip, Keeper, Open	1

Fig. 56 - Engine Radiator Hose Group (004000-004936)

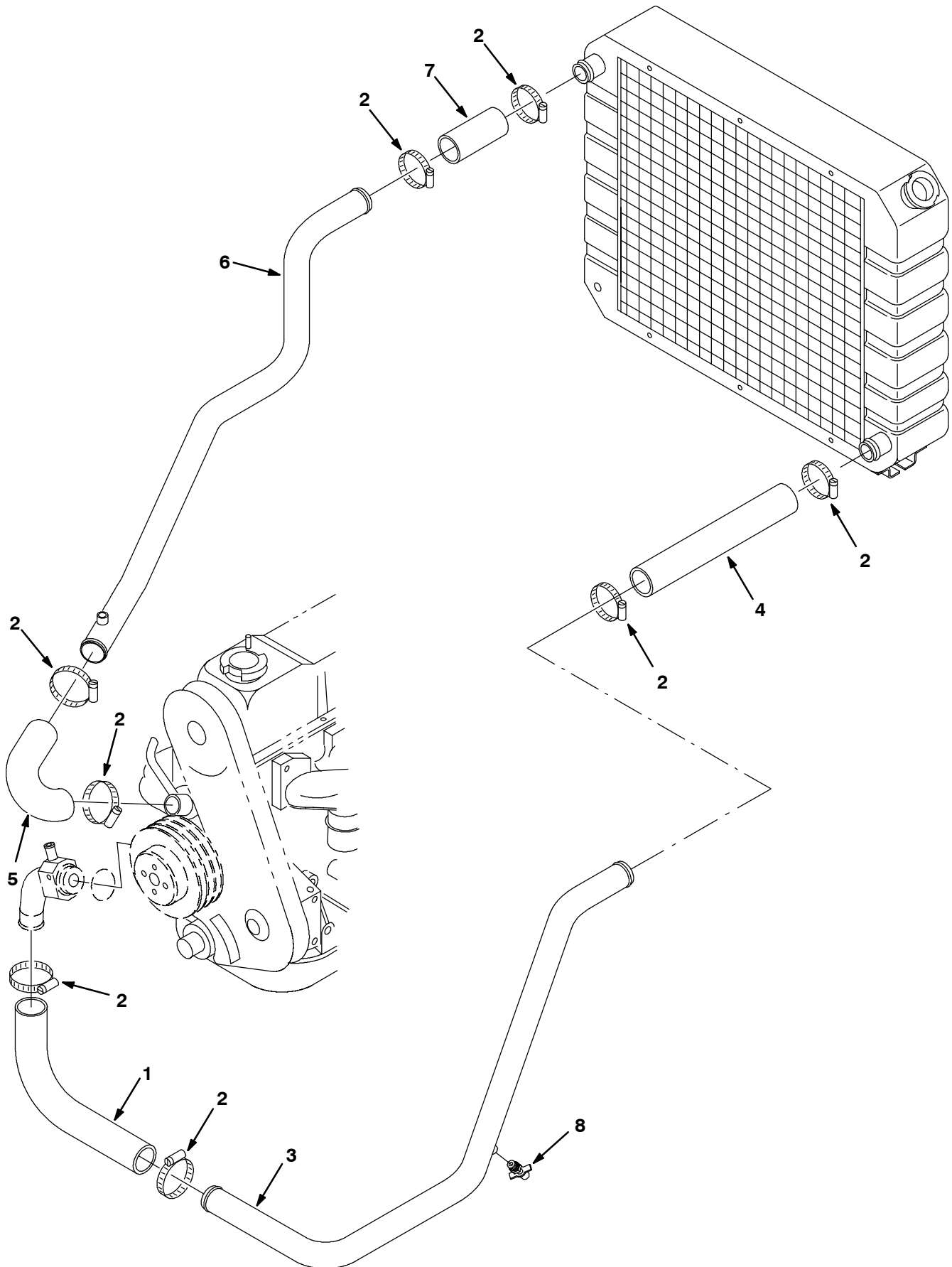


Fig. 56 - Engine Radiator Hose Group (004000-004936)

Ref.	Part No.	Serial Number	Description	Qty.
1	83690	(004000-004936)	Hose, Radiator, Lower	1
2	11531	(004000-004936)	Clamp-Wormdrive, 1.06- 2.00D	8
3	70754	(004000-004936)	Tube, Coolant, 1.5od Lower	1
4	70635	(004000-004936)	Hose, Rbr 1.50id 1.88od 12.0 L	1
5	70636	(004000-004936)	Hose, Radiator, Upper	1
6	83691	(004000-004936)	Tube, Radiator, Upper, Gas/Lpg	1
7	78750	(004000-004936)	Hose, Rbr, 1.50id 1.88od 6.0 L	1
8	54911-32	(004000-004936)	Drain Cock, .25npt	1

Fig. 57 - Engine Radiator Hose Group (004937-005999)

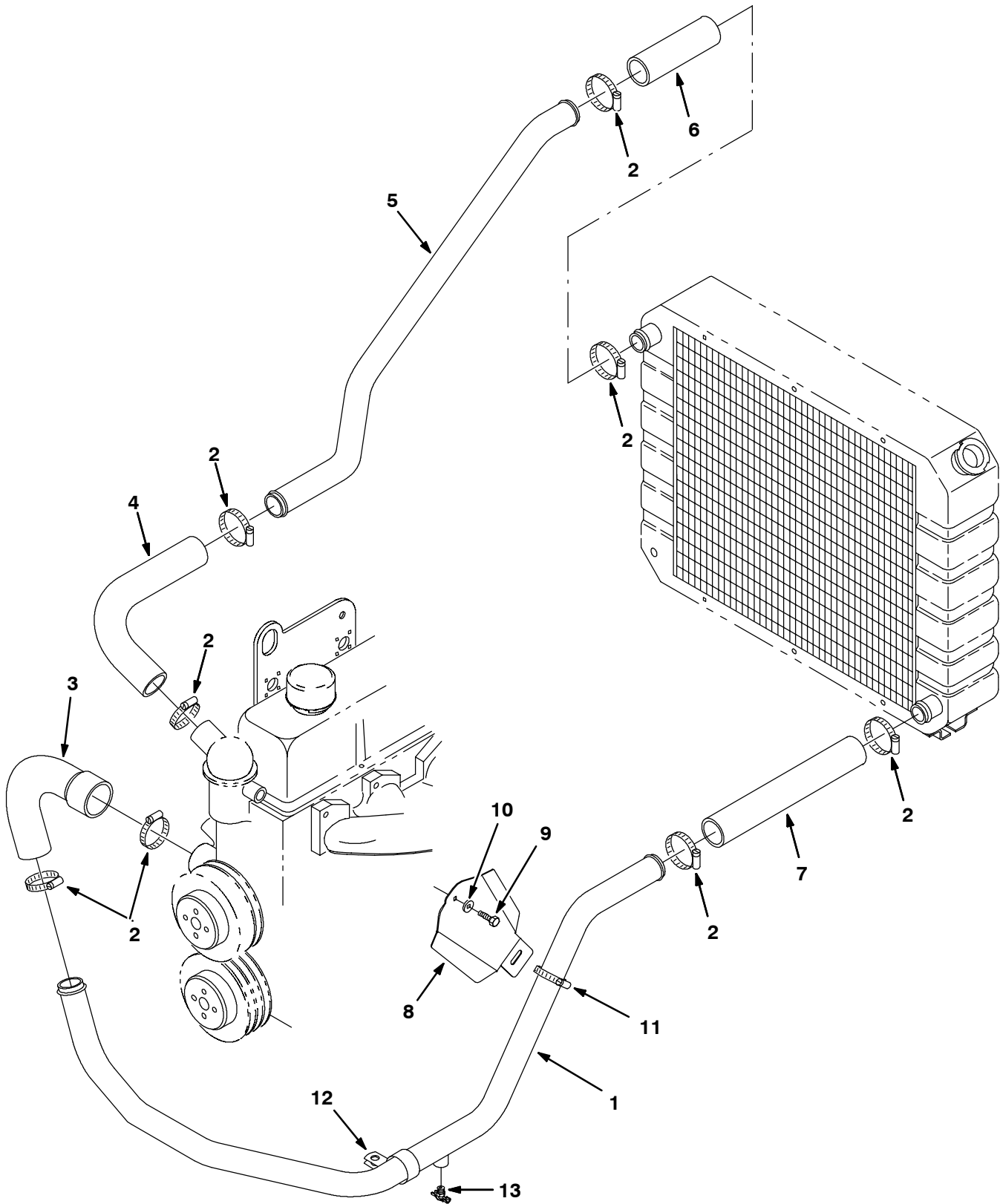


Fig. 57 - Engine Radiator Hose Group (004937-005999)

Ref.	Part No.	Serial Number	Description	Qty.
1	392590	(004937-005999)	Tube, Coolant, 1.5d W/.25npt Low, G/Lpg	1
2	11531	(004937-005999)	Clamp, Hose, Wormdrive, 1.06-2.00d	8
3	393229	(004937-005999)	Hose, Rbr, E120 1.50id 1.20id 06.4 2.7	1
4	83690	(004937-005999)	Hose, Rbr, E90 1.50id 1.50id 09.4 6.3	1
5	392591	(004937-005999)	Tube, Coolant, 1.5d Upper, Gas/Lpg	1
6	78750	(004937-005999)	Hose, Rbr, 1.50id 1.88od 12.0l	1
7	74944	(004937-005999)	Hose, Rbr, 1.50id 1.88od 06.0l	1
8	393216	(004937-005999)	Plate, Shield, Heat, W/Label	1
9	54396	(004937-005999)	Screw, Hex, .31-18 X 0.75, 5	1
10	32491	(004937-005999)	Washer, Flat, .31 Std	1
11	79381	(004937-005999)	Clamp, Hose, Wormdrive, 1.25-2.00d	1
12	53468	(004937-005999)	Clamp, Cable, Stl, 1.75d X 1.00w, 1h	1
13	54911-32	(004937-005999)	Fitting, Draincock, .25npt	1

Fig. 58 - Engine Radiator Hose Group (006000-006999)

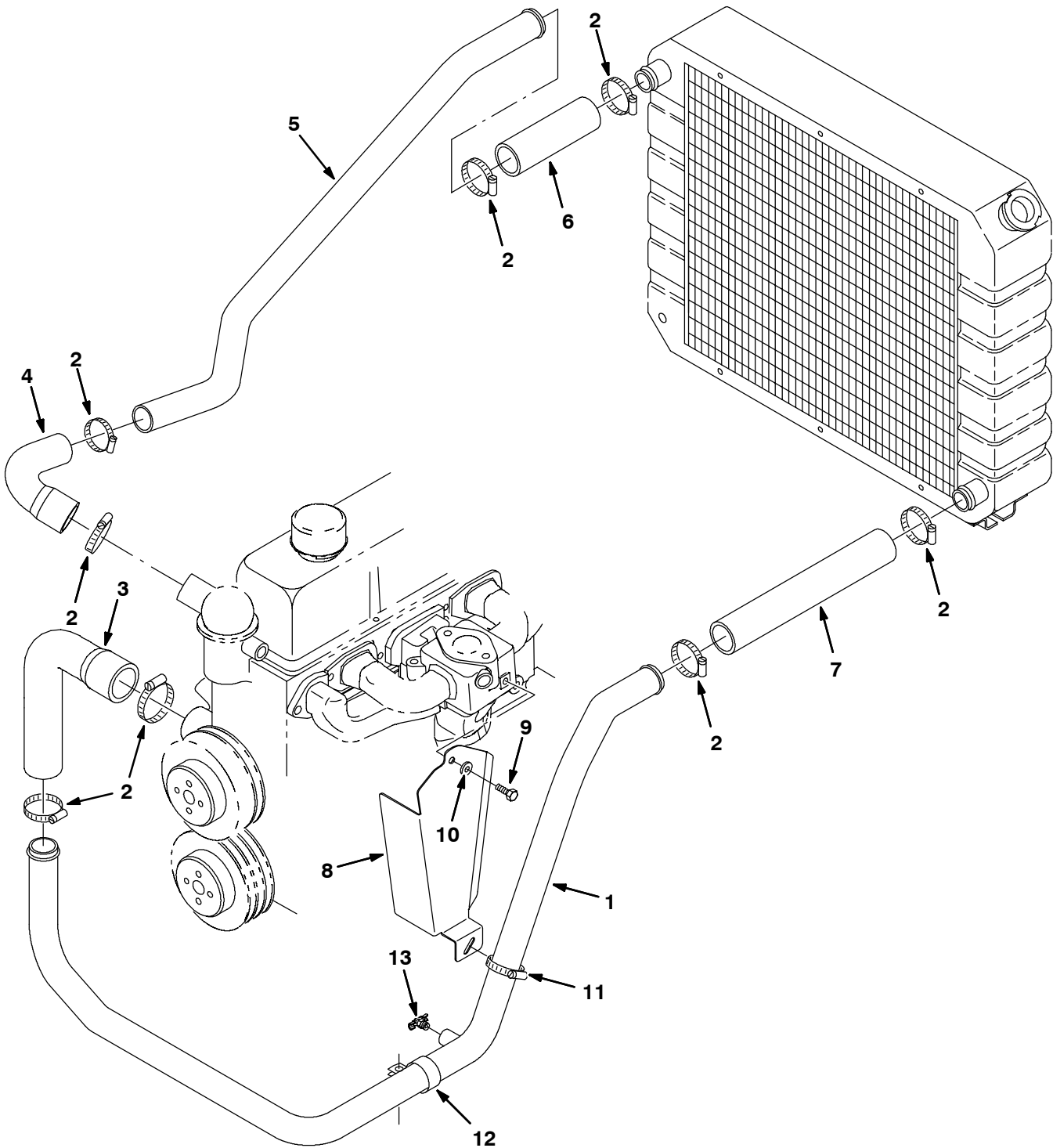


Fig. 58 - Engine Radiator Hose Group (006000-006999)

Ref.	Part No.	Serial Number	Description	Qty.
1	392590	(006000-006999)	Tube, Coolant, 1.5d W/.25npt Low, G/Lpg	1
2	11531	(006000-006999)	Clamp, Hose, Wormdrive, 1.06-2.00d	8
3	392647	(006000-006999)	Hose, Coolant, 1.50id To 1.75id, Mold	1
4	393229	(006000-006171)	Hose, Rbr, E120 1.50id 1.20id 05.0 05.2	1
4	1012737	(006172-006999)	Hose, Rbr, E90 1.50id 1.62id 0.40 04.0	1
5	392591	(006000-006999)	Tube, Coolant, 1.5d Upper, Gas/Lpg	1
6	78750	(006000-006999)	Hose, Rbr, 1.50id 1.88od 06.0l	1
7	70635	(006000-006999)	Hose, Rbr, 1.50id 1.88od 12.0l	1
8	9000360	(006000-006999)	Plate, Shield, Heat, W/Label	1
9	54396	(006000-006999)	Screw, Hex, .31-18 X 0.75, 5	1
10	32491	(006000-006999)	Washer, Flat, .31 Std	1
11	79381	(006000-006999)	Clamp, Hose, Wormdrive, 1.25-2.00d	1
12	53468	(006000-006999)	Clamp, Cable, Stl, 1.75d X 1.00w, 1h	1
13	54911-32	(006000-006999)	Fitting, Draincock, .25npt	1

Fig. 59 - Engine Radiator Hose Group (007000-)

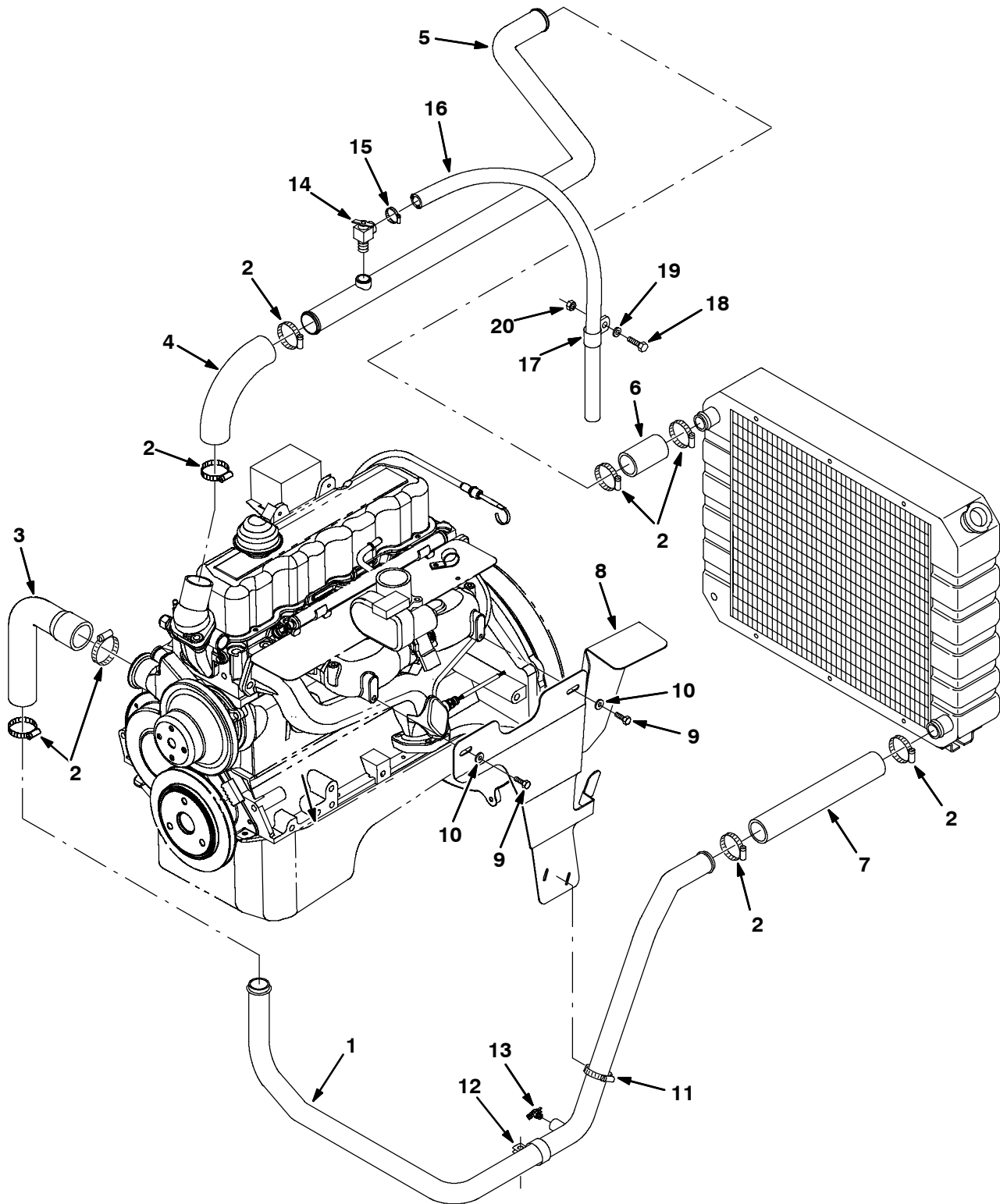


Fig. 59 - Engine Radiator Hose Group (007000-)

Ref.	Part No.	Serial Number	Description	Qty.
1	392590	(007000-	) Tube, Coolant, 1.5d W/.25npt Low, G/Lpg	1
2	11531	(007000-	) Clamp, Hose, Wormdrive, 1.06-2.00d	8
3	392647	(007000-	) Hose, Coolant, 1.50id To 1.75id, Mold	1
4	380748	(007000-	) Hose, Rbr, E90, 1.50id 1.50id 06.3 04.5	1
5	1030189	(007000-	) Tube, Radiator, Upper [800gas/Lpg]	1
6	74944	(007000-	) Hose, Rbr, 1.50id 1.88od 04.0l	1
7	70635	(007000-	) Hose, Rbr, 1.50id 1.88od 12.0l	1
8	1029737	(007000-	) Shield Wldt, Heat, Manifold	1
9	06941	(007000-	) Screw, Hex, M6 X 1.0 X 10, 8.8	2
10	32483	(007000-	) Washer, Flat, 0.25, Sae	2
11	83584	(007000-	) Clamp, Hose, Wormdrive, 2.25-3.25d, .50w	1
12	53468	(007000-	) Clamp, Cable, Stl, 1.75d X 1.00w, 1hole	1
13	54911-32	(007000-	) Fitting, Draincock, .25npt	1
14	51305	(007000-	) Fitting, Draincock, E90, .25npt	1
15	43844	(007000-	) Clamp, Hose, Wormdrive, 0.25-0.62d, .31w	1
16	41295	(007000-	) Hose, Pvc, Clr, 0.38id 0.56od 048.0l	1
17	62234	(007000-	) Handle, Valve, Cntrl	1
18	06944	(007000-	) Screw, Hex, M6 X 1.0 X 25, 8.8	1
19	32483	(007000-	) Washer, Flat, 0.25, Sae	1
20	08708	(007000-	) Nut, Hex, Lock, M6 X 1.00, NI	1

Fig. 60 - Engine Radiator and Cooling Fan Group (004000-006308)

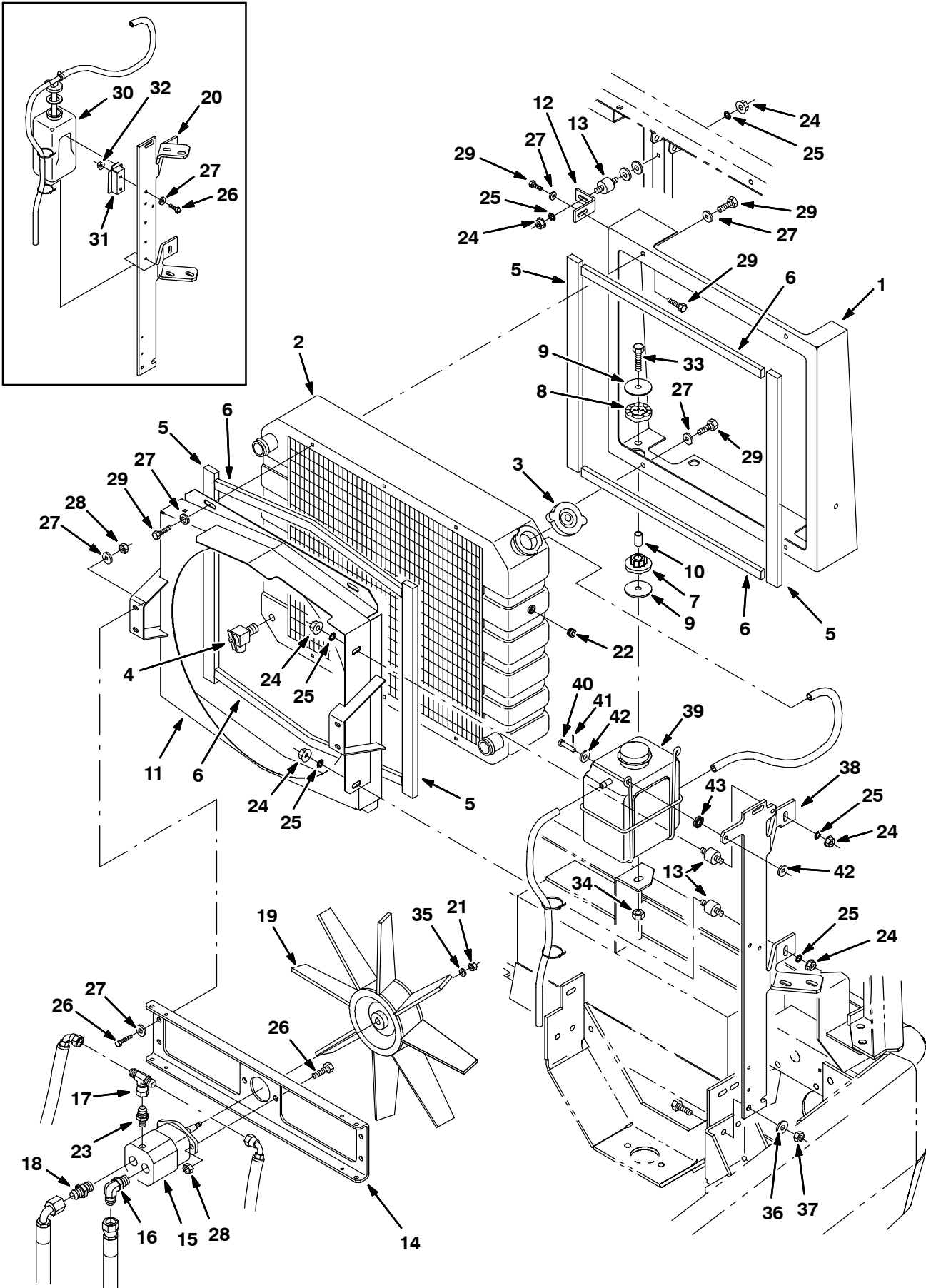


Fig. 60 - Engine Radiator and Cooling Fan Group (004000-006308)

Ref.	Part No.	Serial Number	Description	Qty.
1	48056	(004000-006308)	Duct, Rear	1
2	1018063	(004000-006308)	Radiator	1
3	368132	(004000-006308)	Cap Radiator	1
4	51305	(004000-006308)	Drain Cock,.25Npt Wh#120 Angl	1
5	63818	(004000-006308)	Seal, Duct	4
6	374230	(004000-006308)	Seal, Ure, 0.38 0.75w 19.5l Adh	4
7	64621	(004000-006308)	Bushing, Isolator	2
8	64618	(004000-006308)	Ring, Isolator, Outer Rbr	2
9	58228	(004000-006308)	Washer, Flat, 0.44b 2.00d .12, Stl, Pl	4
10	77452	(004000-006308)	Spacer	2
11	9001070	(004000-006308)	Shroud, Fan, Radiator, W/ Label [800l]	1
12	375511	(004000-006308)	Bracket, L, 2.20,2.00, .18T,1.	1
13	51322	(004000-006308)	Isolator-Vibration .31-18	3
14	1019188	(004000-006308)	Channel, Mtg, Fan Motor	1
15	63542	(004000-006308)	Motor-Hyd, Gear In 10.0 (See Breakdowns)	1
16	47512	(004000-006308)	Ftg-Hyd E90 Jm06/Om08	1
17	31599	(004000-004936)	Ftg-Hyd Tee Jm04Omjm	1
17	35586	(004937-006308)	Fitting, Hyd, Tee, Jf06/Jm06/Jm06, Br	1
18	52402	(004000-006308)	Ftg-Hyd Str Jm06/Om08	1
19	375586	(004000-006308)	Fan, Radiator	1
20	380754	(004000-006183)	Bracket, Mtg, Fltr, Oil, W/ Label [800l]	1
21	74082	(004000-006308)	Nut-Hxlocnyln .31-24 Reg Pltd	1
22	02247	(004495-006308)	Fitting, Plug	1
23	50960	(004937-006308)	Fitting, Hyd, Str, Jm06/Om04	1
24	19313	(004000-006308)	Nut, Hex, Std, .31-18	6
25	32984	(004000-006308)	Washer, Lock, Int, 0.31	6
26	39277	(004000-006308)	Screw, Hex, M8 X 1.25 X 25, 8.8	8
27	32491	(004000-006308)	Washer, Flat, 0.31 Std	14
28	08709	(004000-006308)	Nut, Hex, Lock, M8 X 1.25, NI	7
29	16931	(004000-006308)	Screw, Hex, M8 X 1.25 X 20, 8.8	9
30	87972	(004000-006183)	Tank, Coolant, 03.5 03.0 06.5deep 1.0 Qt	1
31	382507	(004000-006183)	Bracket, Mtg, Tank, Coolant F/87972	1
32	07790	(004000-006308)	Nut, Hex, Flng, M6 X 1.0	2
33	27990	(004000-006308)	Screw, Hex, .38-16 X 2.00, 5	2
34	50902	(004000-006308)	Nut, Hex, Lock, .38-16, NI	2
35	41186	(004000-006308)	Washer, Belleville, .31	1
36	32492	(004000-006308)	Washer, Flat, 0.38 Std	2
37	41430	(004000-006308)	Nut, Hex, Lock, M10 X 1.5, NI	2
38	9001183	(004000-006308)	Bracket, Mtg, Fltr, Oil, W/Label [800l]	1
39	768897	(004000-006308)	Tank, Coolant, 06.0 04.5 06.9deep 2.5 Qt	1
40	46800	(004000-006308)	Pin, Clevis, 0.31 D X 0.75l	2
41	44906	(004000-006308)	Pin, Hair Cotter, 0.69 D .092 Wir	2
42	32490	(004000-006308)	Washer, Flat, 0.25 Std	4
43	63416	(004000-006308)	Washer, Rbr, .12 0.31b 0.88d	2

Fig. 61 - Engine Radiator and Cooling Fan Group (006309-006999)

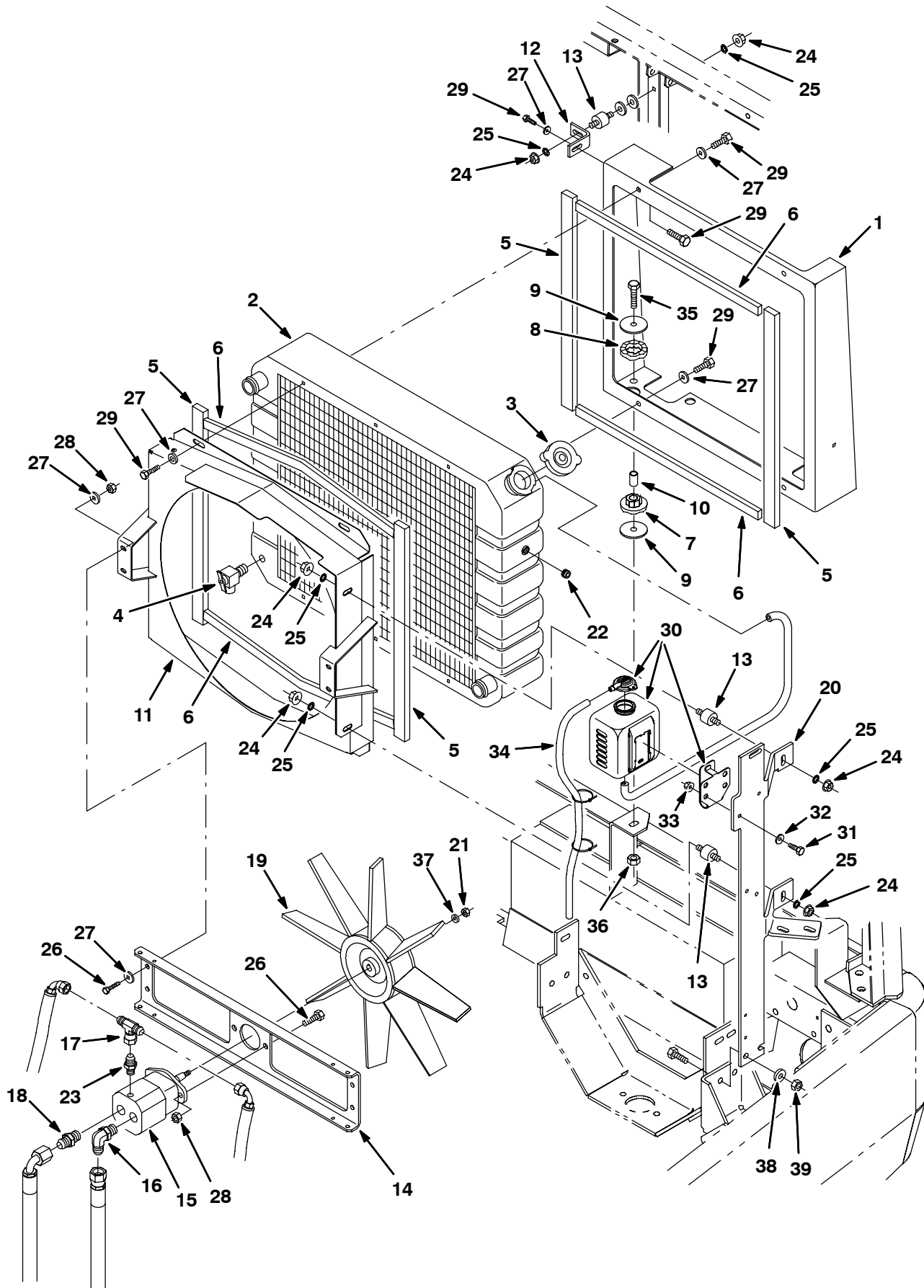


Fig. 61 - Engine Radiator and Cooling Fan Group (006309-006999)

Ref.	Part No.	Serial Number	Description	Qty.
1	48056	006309-006999	) Duct, Rear	1
2	1018063	006309-006999	) Radiator	1
3	368132	006309-006999	) Cap Radiator	1
4	51305	006309-006999	) Drain Cock, .25Npt Wh#120 Angl	1
5	63818	006309-006999	) Seal, Duct	4
6	374230	006309-006999	) Seal, Ure, 0.38 0.75w 19.5l Adh	4
7	64621	006309-006999	) Bushing, Isolator	2
8	64618	006309-006999	) Ring, Isolator, Outer Rbr	2
9	58228	006309-006999	) Washer, Flat, 0.44b 2.00d .12, Stl, Pl	4
10	77452	006309-006999	) Spacer	2
11	9001070	006309-006999	) Shroud, Fan, Radiator, W/ Label [800l]	1
12	375511	006309-006999	) Bracket, L, 2.20, 2.00, .18T, 1.	1
13	51322	006309-006999	) Isolator-Vibration .31-18	3
14	1019188	006309-006999	) Channel, Mtg, Fan Motor	1
15	63542	006309-006999	) Motor-Hyd, Gear In 10.0 (See Breakdowns)	1
16	47512	006309-006999	) Ftg-Hyd E90 Jm06/Om08	1
17	31599	006309-006999	) Ftg-Hyd Tee Jm04Omjm	1
17	35586	006309-006999	) Fitting, Hyd, Tee, Jf06/Jm06/Jm06, Br	1
18	52402	006309-006999	) Ftg-Hyd Str Jm06/Om08	1
19	375586	006309-006999	) Fan, Radiator	1
20	9001554	006309-006999	) Bracket, Mtg, Fltr, Oil, W/Label [800l]	1
21	74082	006309-006999	) Nut-Hxlocnyln .31-24 Reg Pltd	1
22	02247	006309-006999	) Fitting, Plug	1
23	50960	006309-006999	) Fitting, Hyd, Str, Jm06/Om04	1
24	19313	006309-006999	) Nut, Hex, Std, .31-18	6
25	32984	006309-006999	) Washer, Lock, Int, 0.31	6
26	39277	006309-006999	) Screw, Hex, M8 X 1.25 X 25, 8.8	8
27	32491	006309-006999	) Washer, Flat, 0.31 Std	14
28	08709	006309-006999	) Nut, Hex, Lock, M8 X 1.25, NI	7
29	16931	006309-006999	) Screw, Hex, M8 X 1.25 X 20, 8.8	9
30	1023853	006309-006999	) Tank, Coolant, 04.7 03.3 4.7deep, 1liter	1
31	06943	006309-006999	) Screw, Hex, M6 X 1.0 X 20, 8.8	2
32	19066	006309-006999	) Washer, Flat, #10	2
33	07790	006309-006999	) Nut, Hex, Flng, M6 X 1.0	2
34	381391	006309-006999	) Hose, Drain, Overflow, Radiator	1
35	27990	006309-006999	) Screw, Hex, .38-16 X 2.00, 5	2
36	50902	006309-006999	) Nut, Hex, Lock, .38-16, NI	2
37	41186	006309-006999	) Washer, Belleville, .31	1
38	32492	006309-006999	) Washer, Flat, 0.38 Std	2
39	41430	006309-006999	) Nut, Hex, Lock, M10 X 1.5, NI	2

Fig. 62 - Engine Radiator and Cooling Fan Group (007000-)

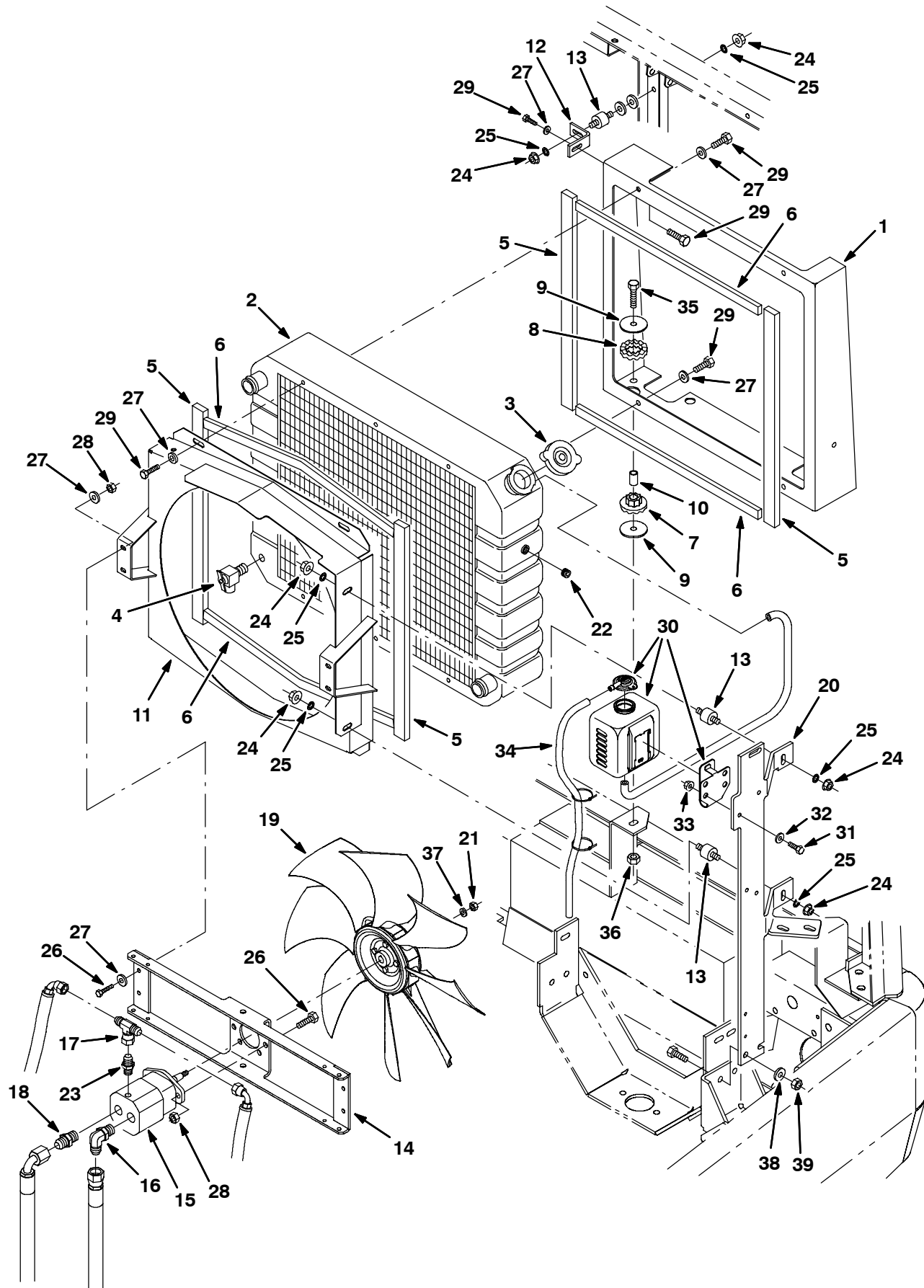


Fig. 62 - Engine Radiator and Cooling Fan Group (007000-)

Ref.	Part No.	Serial Number	Description	Qty.
1	48056	(007000-	) Duct, Rear	1
2	1018063	(007000-	) Radiator	1
3	368132	(007000-	) Cap Radiator	1
4	51305	(007000-	) Drain Cock, .25Npt Wh#120 Angl	1
5	63818	(007000-	) Seal, Duct	4
6	374230	(007000-	) Seal, Ure, 0.38 0.75w 19.5l Adh	4
7	64621	(007000-	) Bushing, Isolator	2
8	64618	(007000-	) Ring, Isolator, Outer Rbr	2
9	58228	(007000-	) Washer, Flat, 0.44b 2.00d .12, Stl, Pl	4
10	77452	(007000-	) Spacer	2
11	9001070	(007000-	) Shroud, Fan, Radiator, W/ Label [800l]	1
12	375511	(007000-	) Bracket, L, 2.20, 2.00, .18T, 1.	1
13	51322	(007000-	) Isolator-Vibration .31-18	3
14	1033344	(007000-	) Bracket Wldt, Mtg, Motor [2007]	1
15	63542	(007000-	) Motor-Hyd, Gear In 10.0 (See Breakdowns)	1
16	47512	(007000-	) Ftg-Hyd E90 Jm06/Om08	1
17	31599	(007000-	) Ftg-Hyd Tee Jm04Omjm	1
17	35586	(007000-	) Fitting, Hyd, Tee, Jf06/Jm06/Jm06, Br	1
18	52402	(007000-	) Ftg-Hyd Str Jm06/Om08	1
19	1033497	(007000-	) Fan, Cooling, 18.0d, 8 Blade, 0.5b Taper	1
20	9001554	(007000-	) Bracket, Mtg, Fltr, Oil, W/Label [800l]	1
21	74082	(007000-	) Nut-Hxlocnyln .31-24 Reg Pltd	1
22	02247	(007000-	) Fitting, Plug	1
23	50960	(007000-	) Fitting, Hyd, Str, Jm06/Om04	1
24	19313	(007000-	) Nut, Hex, Std, .31-18	6
25	32984	(007000-	) Washer, Lock, Int, 0.31	6
26	39277	(007000-	) Screw, Hex, M8 X 1.25 X 25, 8.8	8
27	32491	(007000-	) Washer, Flat, 0.31 Std	14
28	08709	(007000-	) Nut, Hex, Lock, M8 X 1.25, NI	7
29	16931	(007000-	) Screw, Hex, M8 X 1.25 X 20, 8.8	9
30	1023853	(007000-	) Tank, Coolant, 04.7 03.3 4.7deep, 1liter	1
31	06943	(007000-	) Screw, Hex, M6 X 1.0 X 20, 8.8	2
32	19066	(007000-	) Washer, Flat, #10	2
33	07790	(007000-	) Nut, Hex, Flng, M6 X 1.0	2
34	381391	(007000-	) Hose, Drain, Overflow, Radiator	1
35	27990	(007000-	) Screw, Hex, .38-16 X 2.00, 5	2
36	50902	(007000-	) Nut, Hex, Lock, .38-16, NI	2
37	41186	(007000-	) Washer, Belleville, .31	1
38	32492	(007000-	) Washer, Flat, 0.38 Std	2
39	41430	(007000-	) Nut, Hex, Lock, M10 X 1.5, NI	2

Fig. 63 - Engine Battery Group (006000-006999)

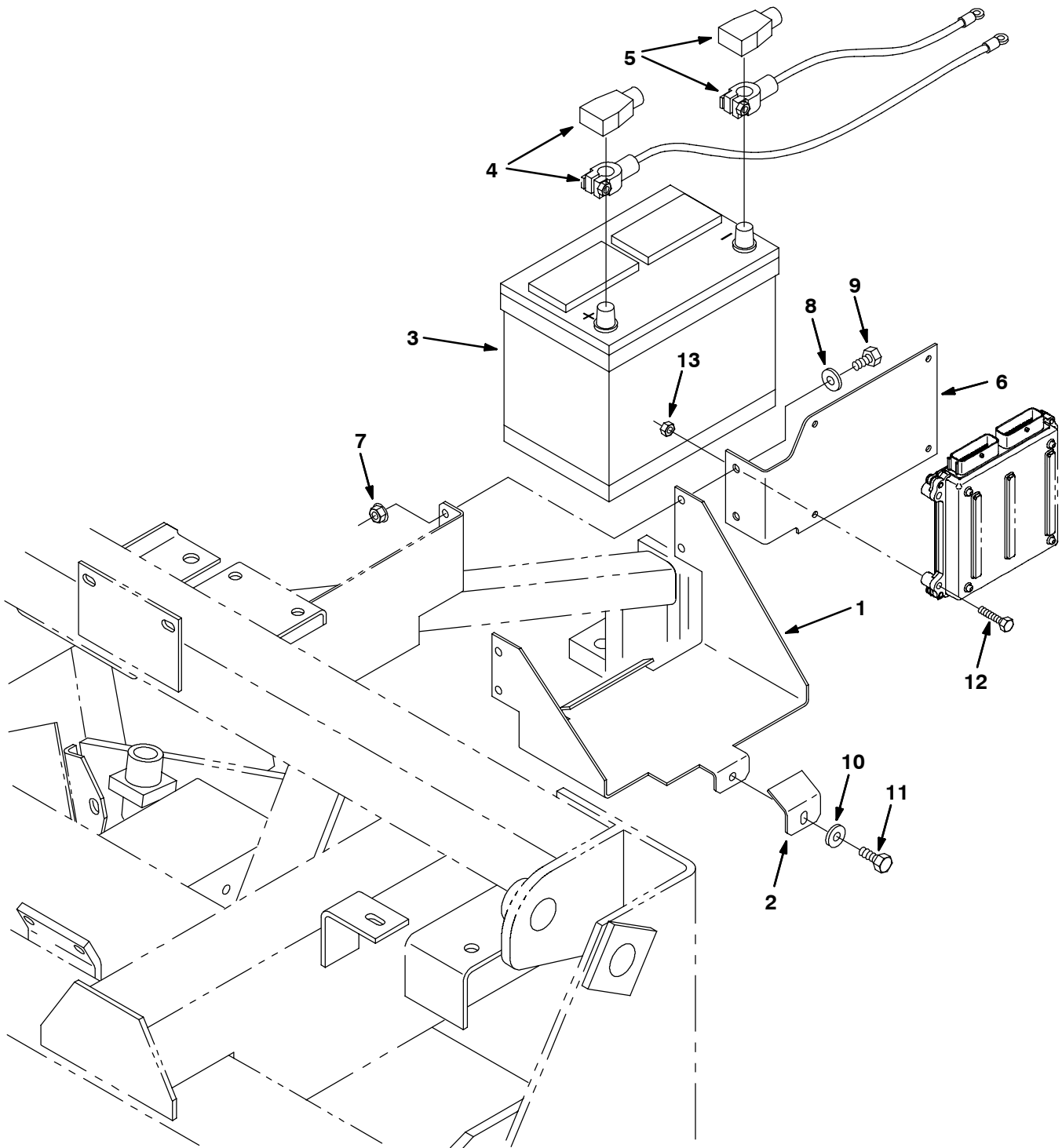


Fig. 63 - Engine Battery Group (004000-006999)

Ref.	Part No.	Serial Number	Description	Qty.
1	77490	(004000-006999)	Bracket, Mtg, Battery	1
2	77579	(004000-006999)	Bracket, Battery	1
3	77602	(004000-006999)	Battery, 12V, Wet	1
4	68869	(004000-006999)	Cable Assy-Batt,Pos, 48.0, 2Ga	1
5	60293	(004000-006999)	Wire, 42.0 Lg, 2Ga, Neg	1
6	1011655	(006000-006999)	Bracket, Eng	1
7	07791	(006000-006999)	Nut, Hex, Flng, M8 X 1.25	2
8	32491	(006000-006999)	Washer, Flat, 0.31 Std	2
9	16931	(006000-006999)	Screw, Hex, M8 X 1.25 X 20, 8.8	2
10	41186	(006000-006999)	Washer, Belleville, .31	1
11	39277	(006000-006999)	Screw, Hex, M8 X 1.25 X 25, 8.8	1
12	06946	(006000-006999)	Screw, Hex, M6 X 1.0 X 35, 8.8	4
13	08708	(006000-006999)	Nut, Hex, Lock, M 6 X 1.0, NI	4

Fig. 64 - Engine Battery Group (007000-)

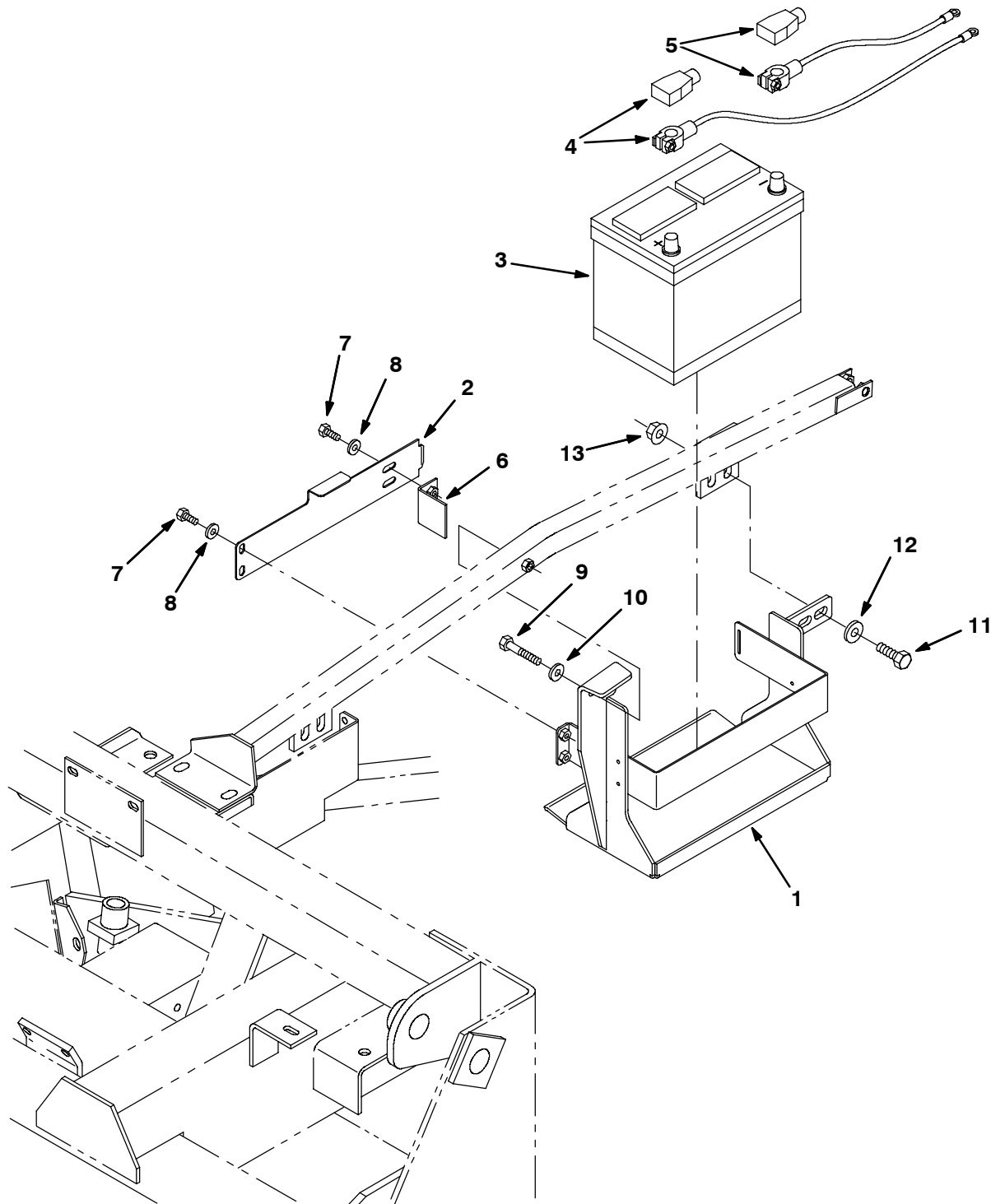


Fig. 64 - Engine Battery Group (007000-)

Ref.	Part No.	Serial Number	Description	Qty.
1	1012785	(007000-	) Bracket Wldt, Mtg, Battery	1
2	1011788	(007000-	) Bracket, Retainer, Battery	1
3	77602	(007000-	) Battery, Wet, 12vdc 0700cca	1
4	68869	(007000-	) Cable, Battery, 02ga 48.0l Red .41ring	1
5	34821	(007000-	) Cable, Battery, 02ga 36.0l Blk .38ring	1
6	1011795	(007000-	) Bracket, Retainer, Battery	1
7	16931	(007000-	) Screw, Hex, M8 X 1.25 X 20, 8.8	2
8	41186	(007000-	) Washer, Flat, Belleville, .31	2
9	06963	(007000-	) Screw, Hex, M10 X 1.5 X 60, 8.8	2
10	32492	(007000-	) Washer, Flat, 0.38, Std	2
11	06969	(007000-	) Screw, Hex, M12 X 1.75 X 40, 8.8	2
12	32486	(007000-	) Washer, Flat, 0.50, Sae	2
13	07793	(007000-	) Nut, Hex, Flng, M12 X 1.75	2

Fig. 65 - Wheel Group, Rear Drive

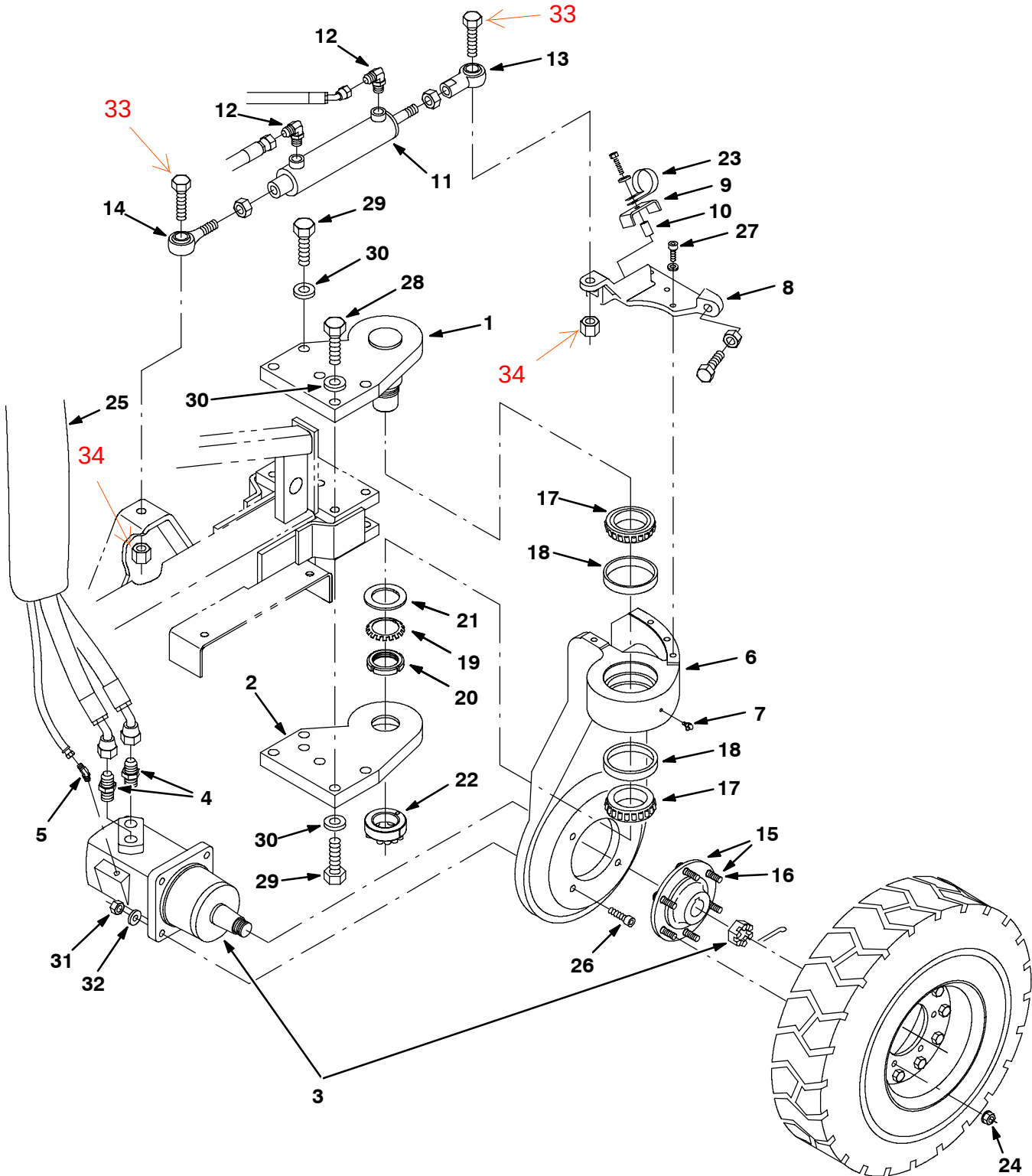


Fig. 65 - Wheel Group, Rear Drive

Ref.	Part No.	Serial Number	Description	Qty.
1	63491	(004000-	) Pivot Wldt, Wheel	1
2	63471	(004000-	) Plate, Pivot, Wheel	1
3	63426	(004000-004206	) Motor-Hyd Gear In (See Breakdowns)	1
3	22626	(004207-004936	) Motor-Hyd Gear (See Breakdowns)	1
3	373464	(004937-	) Motor-Hyd Gear (See Breakdowns)	1
4	67310	(004000-	) Ftg-Hyd Str Jm12/Om16	2
5	34359	(004000-004936	) Ftg-Hyd E45 Jm04/Om04	1
5	47522	(004937-	) Fitting, Hyd, E45, Jm06/Om06	1
6	63540	(004000-004033	) Housing, Sppt, Wheel (Repl. by 375534)	1
6	21740	(004034-	) House, Wheel	1
7	09718	(004000-	) Ftg, Grease.25-28Th 90 .75L	1
8	63543	(004000-004033	) Bracket, Steering, Machining (Repl. by 375534)	1
8	375575	(004034-	) Bracket, Steering, Machining	1
9	73733	(004000-	) Channel, Retainer	1
10	73731	(004000-	) Sleeve, .375B .62D1.06 Stl	1
11	53601	(004000-006460	) Cylinder, Hyd, 2.0b,15.0l, Rep.By1028492 (See Breakdowns)	1
11	1028492	(006461-	) Cylinder, Hyd, 2.0b 15.0l 08.00strk 1500	1
12	56820	(004000-	) Ftg-Hyd E90 Jm06/Om06	2
13	64887	(004000-	) Balljoint, Rod End	1
14	64886	(004000-	) Balljoint, Rod End	1
▽	15	79140	(004000-) Hub and Stud Assy.	1
▲	16	79152	(004000-) Stud, Wheel .56-18x2.13	6
	17	51341	(004000-) Bearing-Cone, 2.63Bore 0.87Wth	2
	18	51340	(004000-) Bearing-Cup , 4.33Dia 0.74Wth	2
	19	369701	(004000-) Washer,Lock Special	1
	20	41073	(004000-) Nut,Lock-Special 2.16-18Uns	1
	21	375762	(004000-) Washer	1
	22	63496	(004000-) Ring, Retainer, Lock	1
	23	67767	(004000-) Clamp, Cable	1
	24	79153	(004000-) Nut, Wheel Lug	6
	25	19659	(004000-) Sleeve, Nyl #37 10.0L	1
	26	39305	(004000-) Scr-soc .50-13x2.75 Alloypltd	4
	27	375576	(004000-) Scr-soc M12x1.75 60	4
	28	06995	(004000-) Screw, Hex, M20 X 2.5 X 70, 8.8	3
	29	06993	(004000-) Screw, Hex, M20 X 2.5 X 60, 8.8	7
	30	39350	(004000-) Washer, Flat, 0.75, Sae	10
	31	32985	(004000-) Nut, Hex, Lock, .50-13, NI	4
	32	32486	(004000-) Washer, Flat, 0.50, Sae	4
	33	54833	(004000-) Bolt	2
	34	32987	(004000-) Nut, Hex	2

Fig. 66 - Wheels and Brakes Group, Front

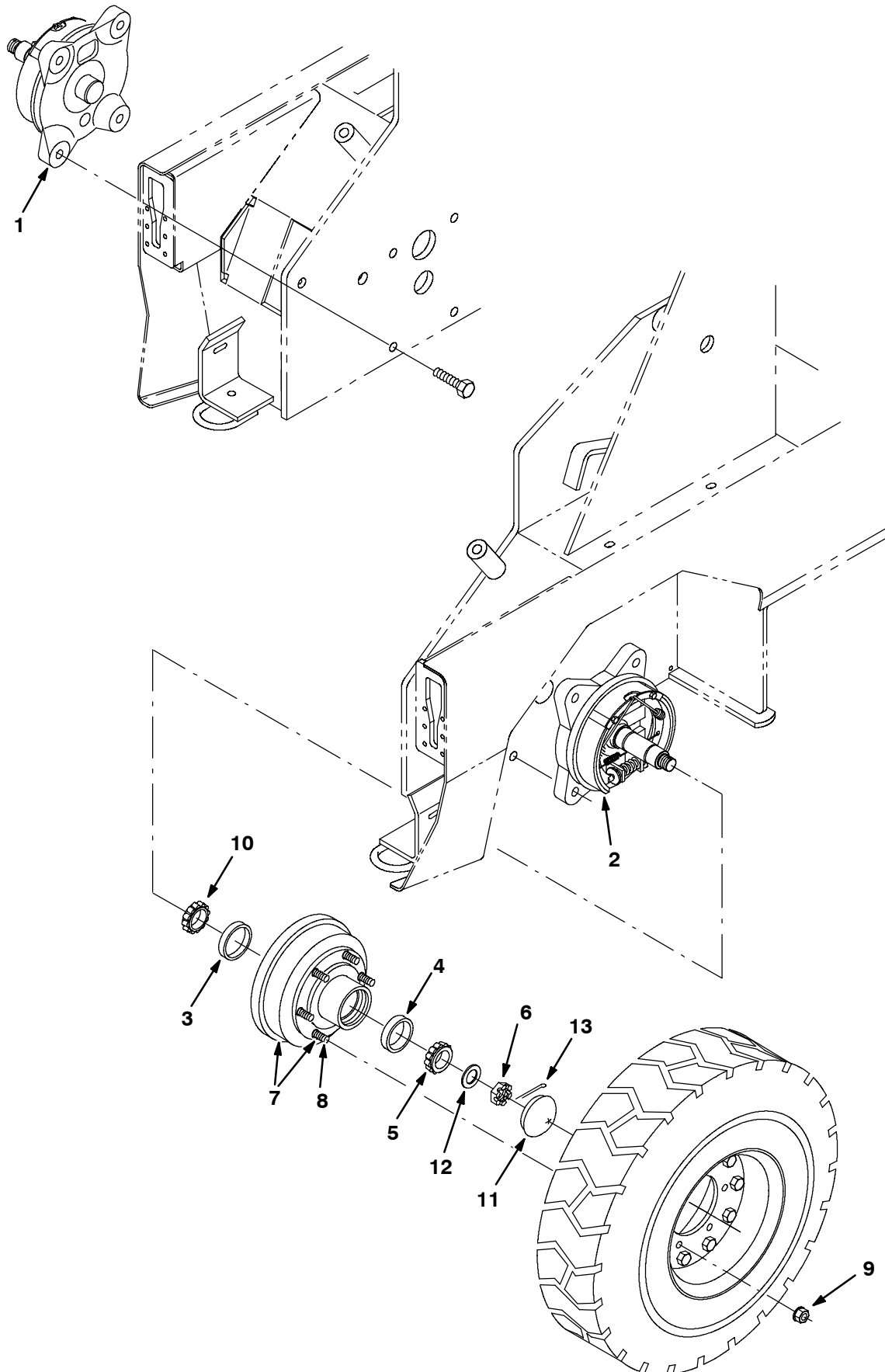


Fig. 66 - Wheels and Brakes Group, Front

Ref.	Part No.	Serial Number	Description	Qty.
1	77790	(004000-	) Brake Assy, Rh (See Breakdowns)	1
2	77770	(004000-	) Brake Assy, Lh (See Breakdowns)	1
3	17808	(004000-	) Bearing-Cup, 2.72Dia 0.59Wth	2
4	51338	(004000-	) Bearing-Cup, 2.56Dia 0.55Wth	2
5	51193	(004000-	) Bearing-Cone, 1.38Bore 0.72Wth	2
6	14242	(004000-	) Nut-Hxslot 1.00-20 Pltd	2
▽ 7	79151	(004000-	) Drum Assy, Brake 9/16	2
▲ 8	79152	(004000-	) Stud, Wheel .56-18x2.13	6
9	79153	(004000-	) Nut, Wheel Lug, 9/16-18	12
10	17809	(004000-	) Bearing-Cone, 1.50Bore 0.75Wth	2
11	51373	(004000-	) Cap, Grease Black Paint	2
12	32598	(004000-	) Washer, Flat, 1.02b 1.75d .12, Stl	2
13	08180	(004000-	) Pin, Cotter, .125 X 2.00	2

Fig. 67 - Wheel Assembly

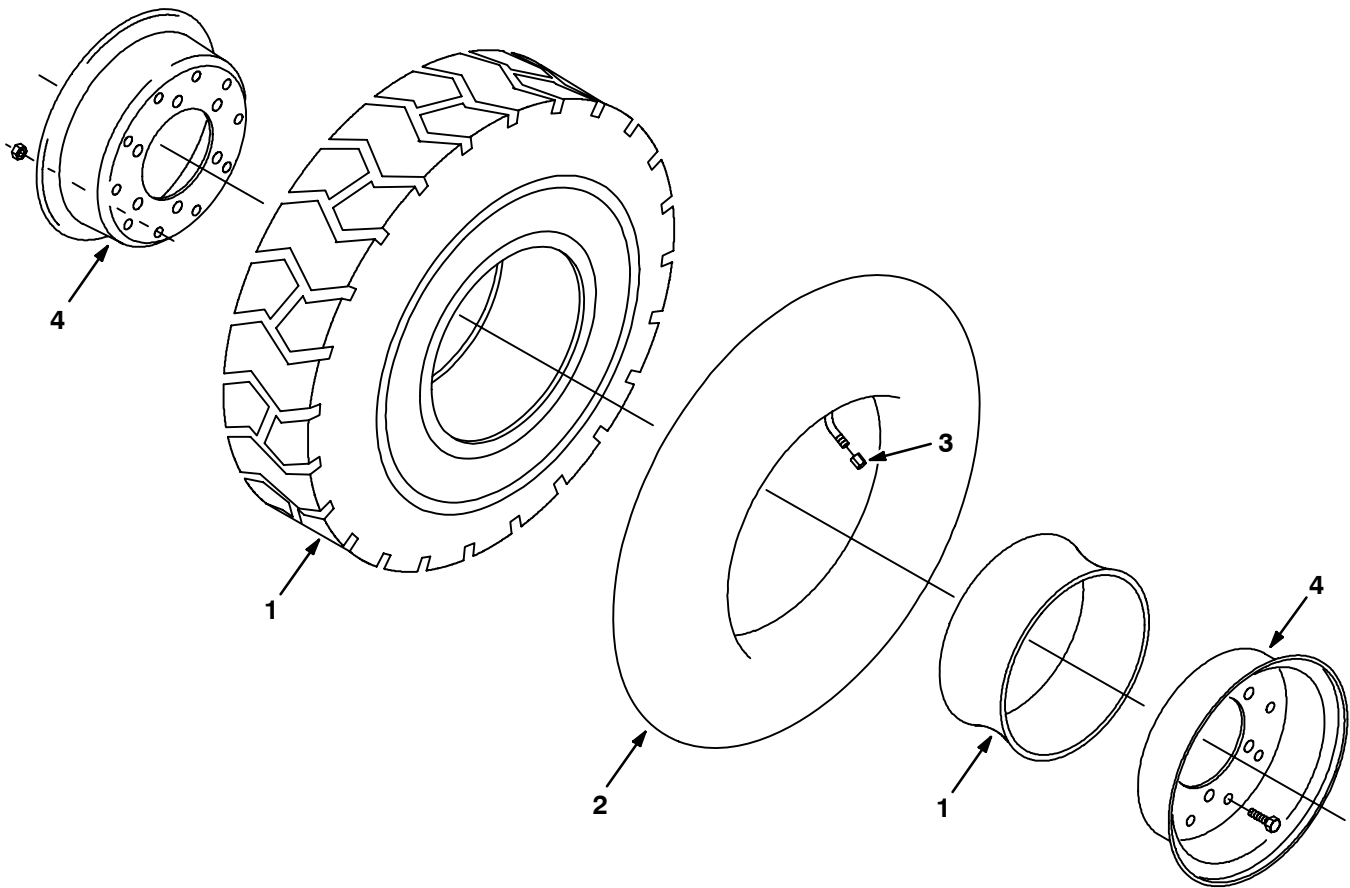


Fig. 67 - Wheel Assembly

	Ref.	Part No.	Serial Number	Description	Qty.
▽		375567	(004000-	) Tire & Rim Assy, Pneu 6.50-10	3
▲	1	64059	(004000-	) Tire & Flap Assy	1
▲	2	64058	(004000-	) Tube, Inner	1
▲	3	45786	(004000-	) Cap, Valve Stem	1
▲	4	21672	(004000-	) Hub Assy	1

Fig. 68 - Brake Pedals Group

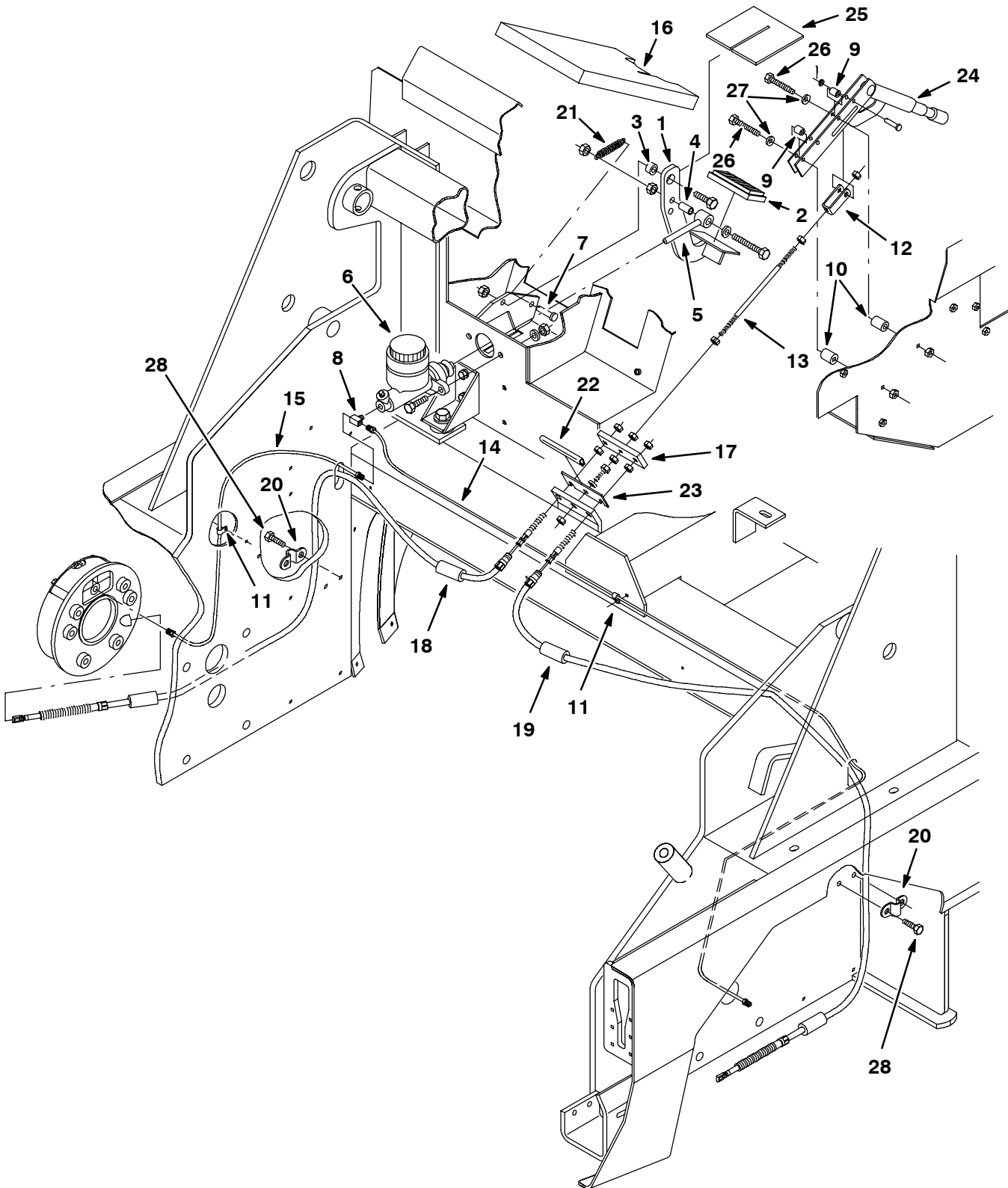


Fig. 68 - Brake Pedals Group

Ref.	Part No.	Serial Number	Description	Qty.	
1	63295	(004000-	) Pedal Wldt	1	
2	51109	(004000-	) Pad	1	
3	64635	(004000-	) Spacer	1	
4	57311	(004000-	) Spacer-.50 Od X .055W X 1.0	1	
5	70550	(004000-	) Rod Wldt, Push, Brake	1	
▽	6	64950	(004000-	) Cylinder, Master Brake	1
▲	374240	(004000-	) Cap, Cyl Assy, Master Brake	1	
7	76653	(004000-	) Pin, Clevis .375D X 1.000 Lg	1	
8	51483	(004000-	) Ftg,Brass,Tee 06lf- 02Pm- 06lf	1	
9	51562	(004000-	) Sleeve, .344B .50D .81 Cr.Anc	2	
10	86034	(004000-	) Spacer, Brake	2	
11	46236	(004000-	) Clamp-Cable, 0.25Dia 0.56Wth	4	
12	76491	(004000-	) Bracket, Adjuster, Brake	1	
13	76490	(004000-	) Rod-Thread, 2End M08X1.25X10Lg	1	
14	79593	(004000-	) Tube Assy, Brake	1	
15	79594	(004000-	) Tube Assy, Brake	1	
16	375526	(004000-	) Insulation, S/Foam 1.0 Seal Brake Pedal	1	
17	70506	(004000-	) Bar, Equalizer	1	
18	64556	(004000-	) Cable, Brake, Park	1	
19	64558	(004000-	) Cable, Brake, Park	1	
20	65129	(004000-	) Clamp, Cable- Brake	2	
21	75575	(004000-	) Spring, Tens,0.5Dx.06Wire 2.5L	1	
22	31775	(004000-	) Molding, Trim 11-14Ga 4.0	1	
23	74022	(004000-	) Strip, Retainer, Brake Cable	1	
24	51545	(004000-	) Lever, Brake	1	
25	380717	(004000-	) Insulation, Sound Foam	1	
26	39279	(004000-	) Screw, Hex, M8 X 1.25 X 70, 8.8	2	
27	32491	(004000-	) Washer, Flat, 0.31 Std	2	
28	16735	(004000-	) Screw, Hex, M8 X 1.25 X 16, 8.8	4	

Fig. 69 - Directional Pedal Group

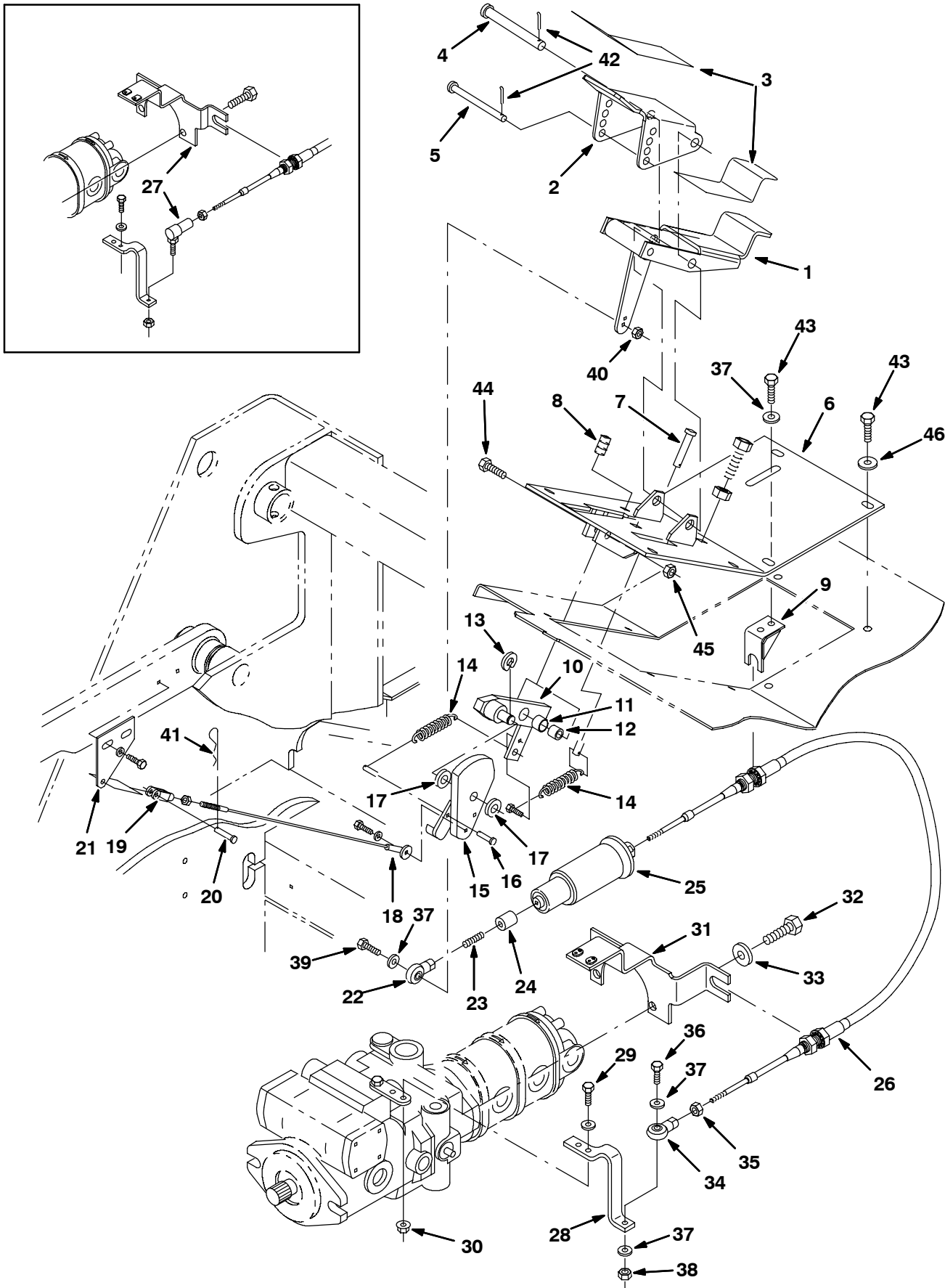


Fig. 69 - Directional Pedal Group

Ref.	Part No.	Serial Number	Description	Qty.
1	380683	(004000-	) Pedal Wldt, Propel Lower W/tread	1
2	84103	(004000-	) Pedal, Upper W/tread	1
3	82839	(004000-	) Pad, Tread	1
4	59668	(004000-	) Pin, Clevis .50 Dia X 4.50 Lg	1
5	59672	(004000-	) Pin, Clevis .31 Dia X 4.50 Lg	1
6	380566	(004000-	) Panel Wldt, Access Floor	1
7	76647	(004000-	) Pin, Clevis .375D X 1.312 Lg	1
8	76523	(004000-	) Screw-Set M10 X 1.50 2045H	1
9	380567	(004000-	) Bracket, Wldt, Cable Mtg	1
10	70747	(004000-	) Bar Wldt, Pivot	1
11	07449	(004000-	) Bearing, Fiberglide	1
12	74051	(004000-	) Sleeve, .408B .62D .53Stl	1
13	86953	(004000-	) Ring, Retain, Ex, 0.50 Stl Steel	1
14	54222	(004000-	) Sprng, Tens, 1.00Odx.09Wire 2.8L	2
15	70783	(004000-	) Cam	1
16	82168	(004000-	) Pin, Clevis .25 Dia, 1.000 Lg.	1
17	41722	(004000-	) Washer, .516B .90D .07Cr.	2
18	70749	(004000-	) Cable, Speed Control	1
19	14595-1	(004000-	) Clevis, Adjust. 0.25-28Th. Cad.	1
20	14605	(004000-	) Pin, Clevis	1
21	70725	(004000-	) Plate	1
22	68866	(004000-	) Rod End .250-28 .25Dia	1
23	36971	(004000-	) Rod-Thrd, Full .25-28	1
24	380568	(004000-	) Spacer, .75D .9L .25-28 Th	1
25	63292	(004000-	) Spring, Propel, Centering	1
26	63276	(004000-	) Cable, Push, Pull	1
27	9001293	(004000-006184	) Bracket Kit, Mtg, Cable, Replmt[800/810]	1
28	380514	(004000-	) Lever, Pump, Propel	1
29	06943	(004000-	) Screw, Hex, M6 X 1.0 X 20, 8.8	2
30	07790	(004000-	) Nut, Hex, Flng, M6 X 1.0	2
31	1020982	(006185-	) Bracket, Mtg, Propel Cable	1
32	21198	(004000-	) Screw, Hex, .38-16 X 1.25, 5	2
33	32485	(004000-	) Washer, Flat, 0.38 Sae	2
34	68866	(006185-	) Rod-End, .25-28rh Fem 0.25b [Teflon]	1
35	32899	(004000-	) Nut, Hex, Jam, .25-28	1
36	25046	(006185-	) Screw, Hex, .25-20 X 1.00, 5	1
37	32490	(006185-	) Washer, Flat, 0.25 Std	5
38	41169	(006185-	) Nut, Hex, Lock, .25-20, NI, Ss	1
39	07805	(004000-	) Screw, Hex, M6 X 1.0 X 35, Ss	1
40	08712	(004000-	) Nut, Hex, Lock, M6 X 1.0, Ss, NI	1
41	08085	(004000-	) Pin, Haircoter .31D .058Wire	1
42	08346	(004000-	) Pin, Cotter, .125 X 0.75	2
43	12273	(004000-	) Screw, Hex, M8 X 1.25 X 20, Ss, NI	9
44	39285	(004000-	) Screw, Hex, M10 X 1.5 X 40, 8.8	1
45	41430	(004000-	) Nut, Hex, Lock, M10 X 1.5, NI	1
46	1017218	(004000-	) Washer, Flat, 0.321b 1.00d .12, Ss	7

Fig. 70 - Hydraulic Pumps Group

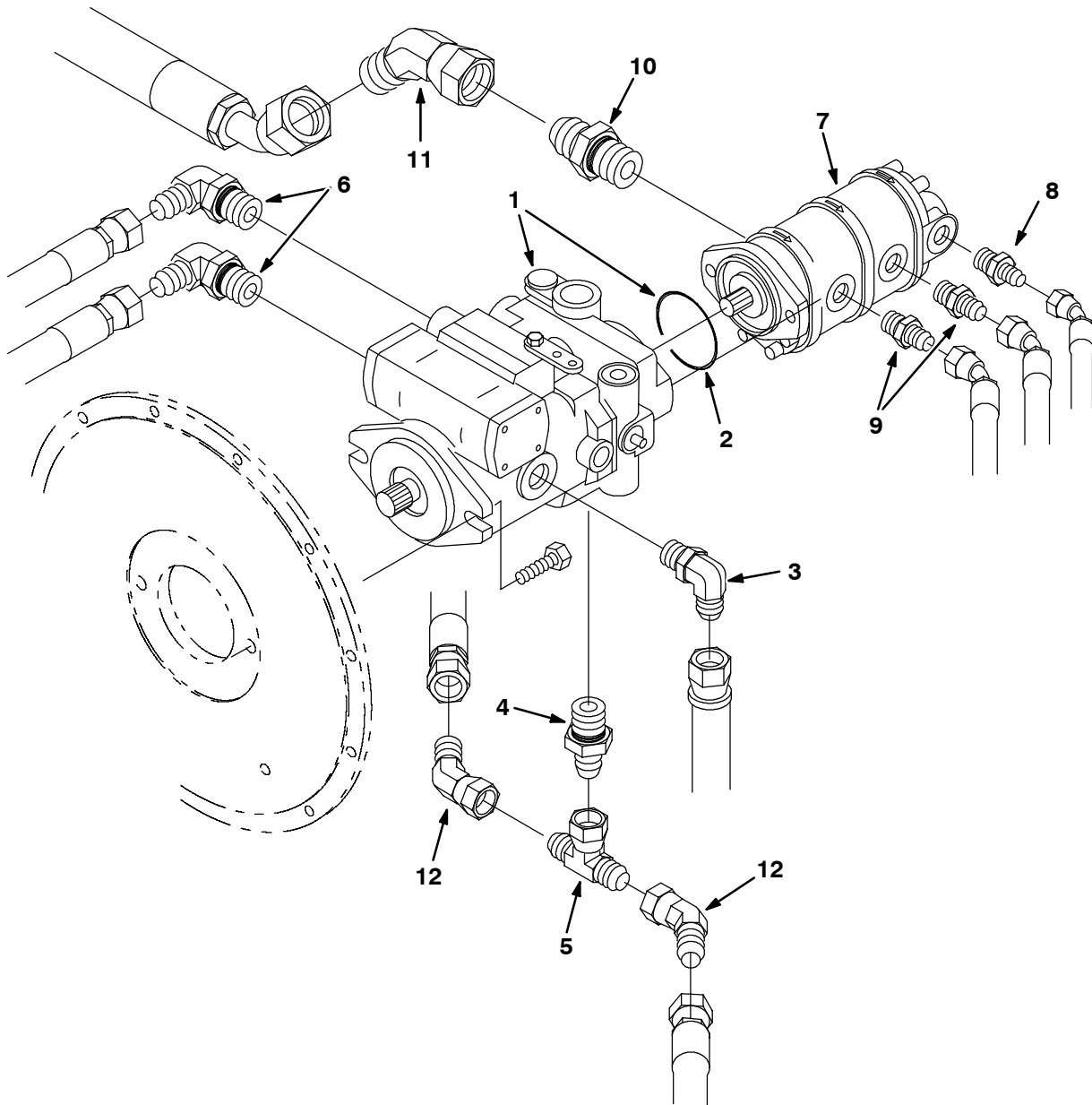
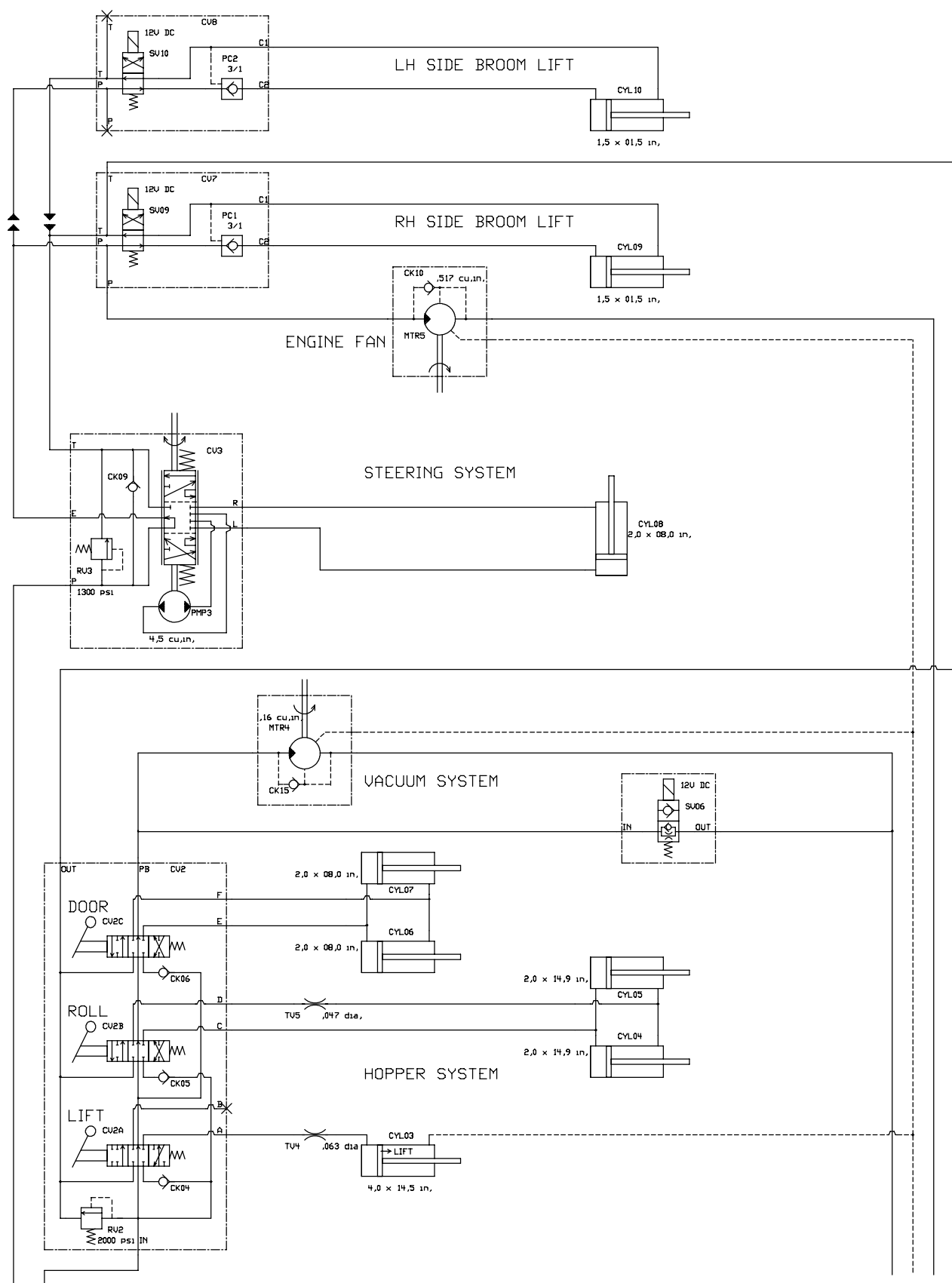


Fig. 70 - Hydraulic Pumps Group

	Ref.	Part No.	Serial Number	Description	Qty.
	1	74163	(004000-004586)	Pump-Hyd Piston V (See Breakdowns)	1
▽	1	373404	(004587-)	Pump-Hyd Piston V (See Breakdowns)	1
▲	2	65145-1	(004000-)	O-Ring Gland	1
	3	46481	(004000-)	Ftg-Hyd E90 Jm12/Om12	1
	4	67310	(004000-)	Ftg-Hyd Str Jm12/Om16	1
	5	62389	(004000-)	Ftg-Hyd Tee Jm12/Jfjm	1
	6	52911	(004000-)	Ftg-Hyd E90 Jm12/Om16	2
	7	62561	(004000-004936)	Pump-Hyd Gear Ex (See Breakdowns)	1
	7	373254	(004937-)	Pump-Hyd Gear Ex (See Breakdowns)	1
	8	47508	(004000-)	Ftg-Hyd Str Jm06/Om10	1
	9	56692	(004000-)	Ftg-Hyd Str Jm08/Om10	2
	10	58858	(004000-)	Ftg-Hyd Str Jm20/Om20	1
	11	19544	(004000-)	Ftg-Hyd E45 Jm20/Jf20	1
	12	07934	(004000-)	Ftg-Hyd E45 Jm12/Jf12	2

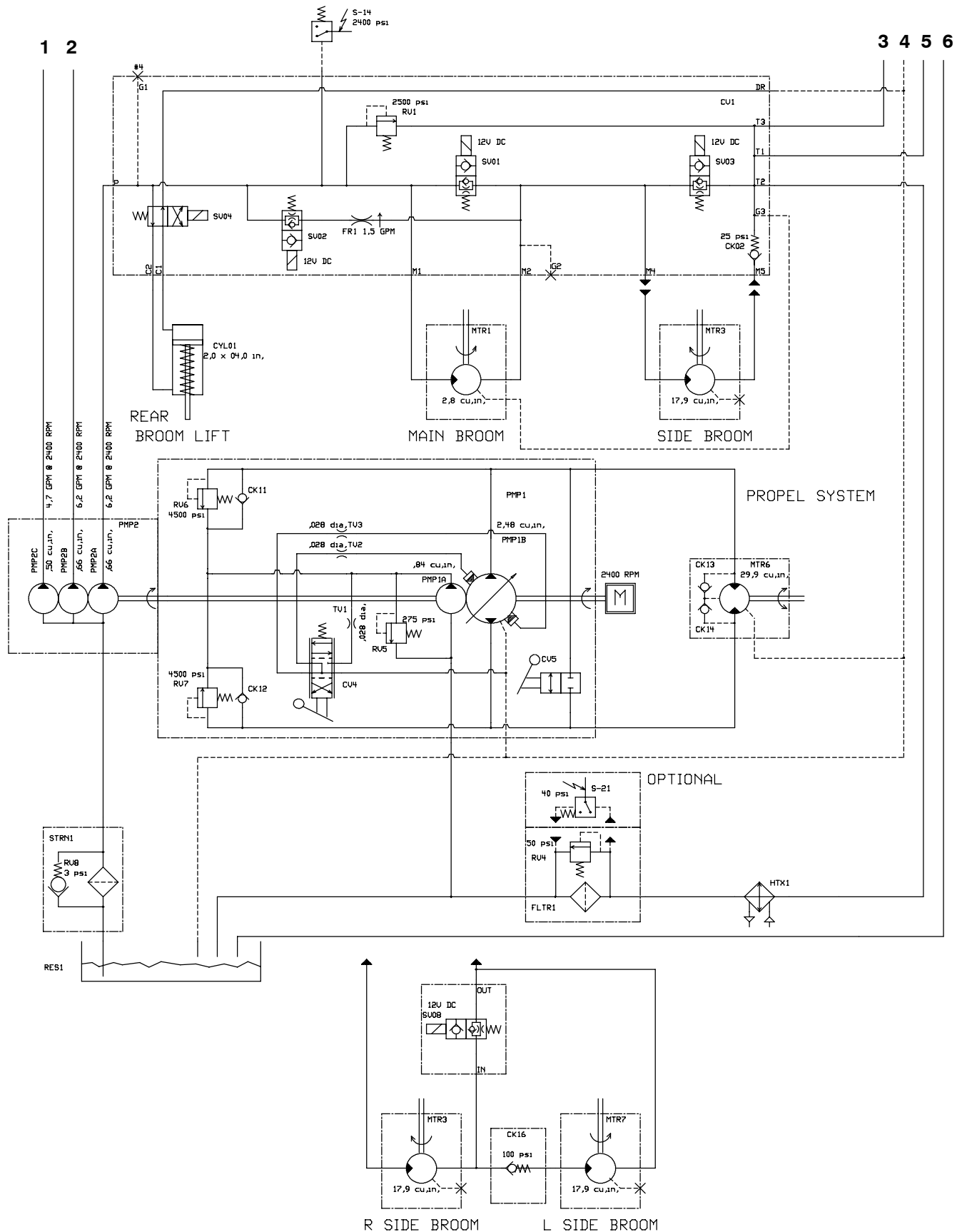
Fig. 71 - Hydraulic Schematic



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Fig. 71 - Hydraulic Schematic



09912 - 800

Fig. 72 - Hydraulic Hose Group (004000-004936)

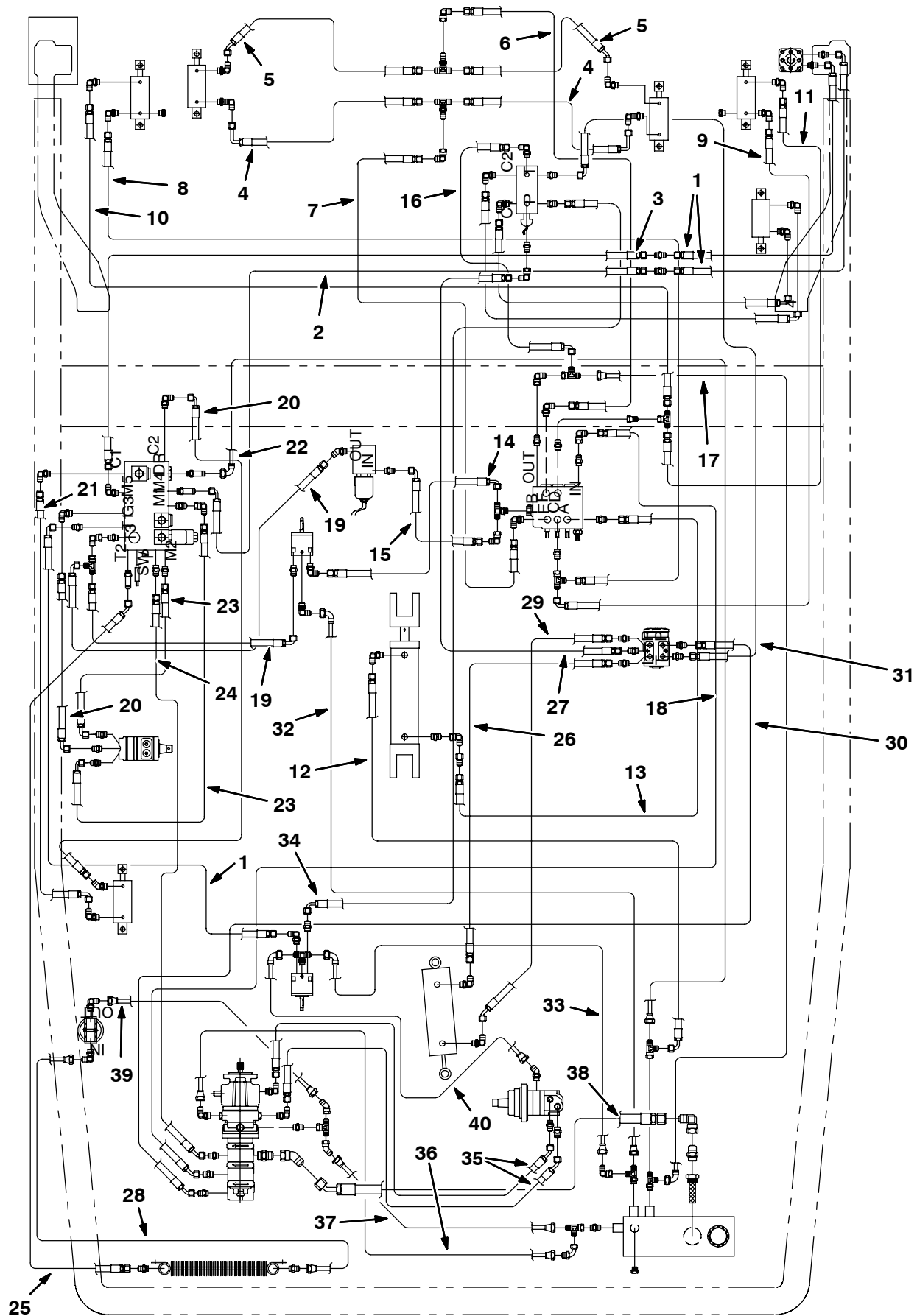


Fig. 72 - Hydraulic Hose Group (004000-004936)

Ref.	Part No.	Serial Number	Description	Qty.
1	65194	(004000-004936)	Hose-Hyd Med06	3
2	65197	(004000-004936)	Hose-Hyd Med08	1
3	65224	(004000-004936)	Hose-Hyd Med08	1
4	65188	(004000-004936)	Hose-Hyd	2
5	57173	(004000-004936)	Hose-Hyd Med04 Jf/J4	2
6	76498	(004000-004936)	Hose-Hyd Ar 04	1
7	79642	(004000-004936)	Hose-Hyd Ar04	1
8	21117	(004000-004936)	Hose-Hyd Ar 04	1
9	21119	(004000-004936)	Hose-Hyd Ar 04	1
10	77641	(004000-004936)	Hose-Hyd Ar 04	1
11	77640	(004000-004936)	Hose-Hyd Ar 04	1
12	71552	(004000-004936)	Hose-Hyd	1
13	55700	(004000-004936)	Hose-Hyd Med04 Jf/Jf	1
14	82843	(004000-004936)	Hose-Hyd Med08 Jf/J9	1
15	82820	(004000-004936)	Hose-Hyd Med78 Jf/J9	1
16	65195	(004000-004936)	Hose-Hyd Med06	1
17	65212	(004000-004936)	Hose-Hyd Low06	1
18	65204	(004000-004936)	Hose-Hyd Med08	1
19	34355	(004000-004936)	Hose-Hyd Med08 Jf/J9	2
20	57963	(004000-004936)	Hose-Hyd Med04	4
21	34379	(004000-004936)	Hose-Hyd Med04	1
22	65213	(004000-004936)	Hose-Hyd Low06	1
23	34360	(004000-004936)	Hose-Hyd Med08 Jf/J9	2
24	33799	(004000-004936)	Hose-Hyd Med08 Jf/J4	1
25	65199	(004000-004936)	Hose-Hyd Med12	1
26	01987	(004000-004936)	Hose-Hyd Med06 Jf/Jf	1
27	16431	(004000-004936)	Hose-Hyd Med06 Jf/Jf	1
28	82835	(004000-004936)	Hose-Hyd Low12 Jf/Jf	1
29	76497	(004000-004936)	Hose-Hyd Med06	1
30	65191	(004000-004936)	Hose-Hyd Med06	1
31	57944	(004000-004936)	Hose-Hyd Med06 Jf/J9	1
32	21729	(004000-004936)	Hose-Hyd Low04 Jf/J9	2
33	65196	(004000-004936)	Hose-Hyd Low 04	1
34	31563	(004000-004936)	Hose-Hyd Med06 Jf/J9	1
35	65201	(004000-004936)	Hose-Hyd Med12	2
36	65205	(004000-004936)	Hose-Hyd Low12	1
37	65202	(004000-004936)	Hose-Hyd Low12	1
38	77473	(004000-004936)	Hose-Hyd Suc20 Spcl 22.5	1
39	380675	(004000-004936)	Hose-Hyd Low12 Jf/jf	1
40	02549	(004000-004936)	Hose, Hyd,Low04, Jf04str /Jf04	1

Fig. 73 - Hydraulic Hose Group (004937-)

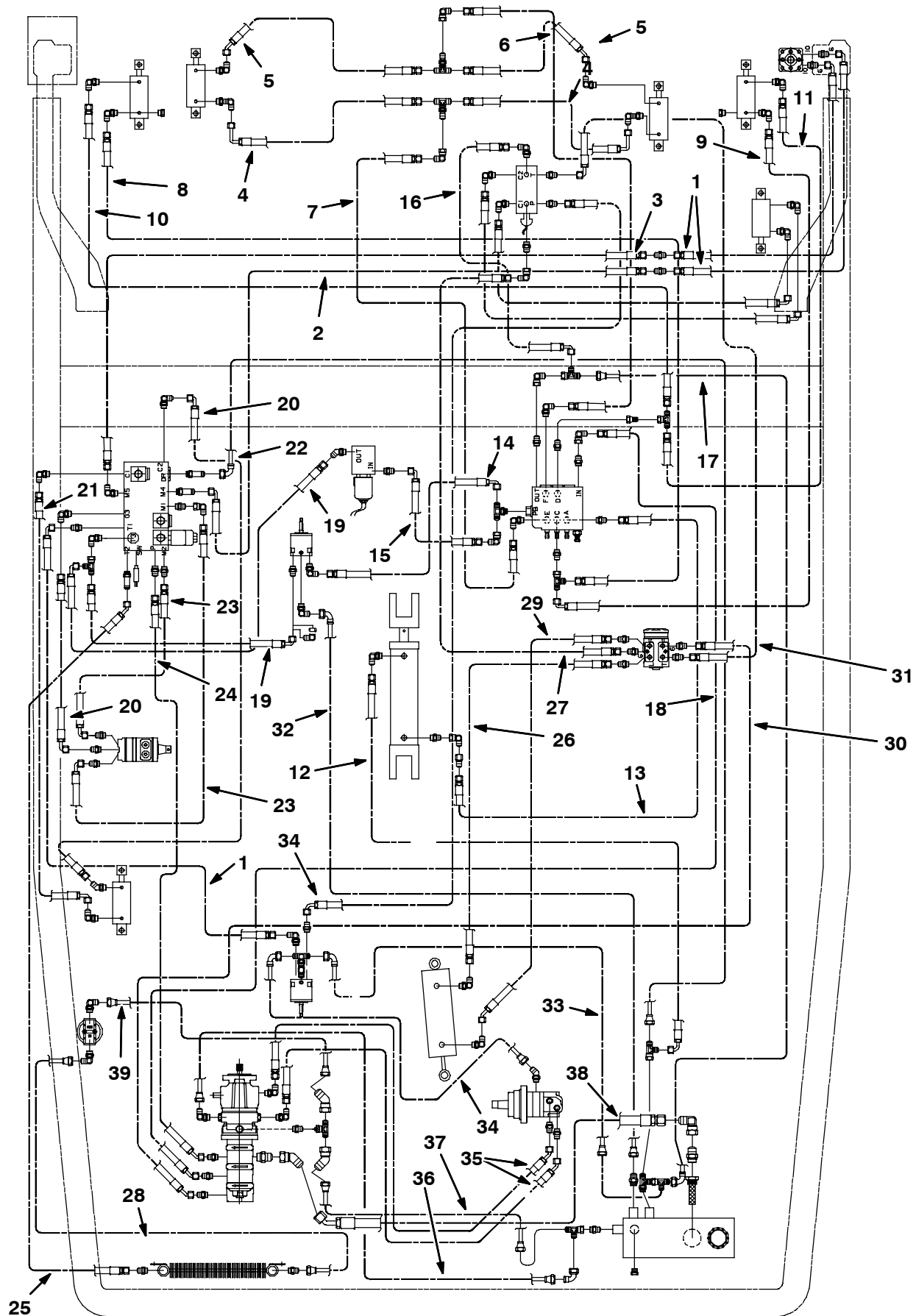


Fig. 73 - Hydraulic Hose Group (004937-)

Ref.	Part No.	Serial Number	Description	Qty.
1	65194	(004937-	) Hose-Hyd Med06	3
2	65197	(004937-	) Hose-Hyd Med08	1
3	65224	(004937-	) Hose-Hyd Med08	1
4	65188	(004937-	) Hose-Hyd	2
5	57173	(004937-	) Hose-Hyd Med04 Jf/J4	2
6	76498	(004937-	) Hose-Hyd Ar 04	1
7	79642	(004937-	) Hose-Hyd Ar04	1
8	21117	(004937-	) Hose-Hyd Ar 04	1
9	21119	(004937-	) Hose-Hyd Ar 04	1
10	77641	(004937-	) Hose-Hyd Ar 04	1
11	77640	(004937-	) Hose-Hyd Ar 04	1
12	71552	(004937-	) Hose-Hyd	1
13	55700	(004937-	) Hose-Hyd Med04 Jf/Jf	1
14	82843	(004937-	) Hose-Hyd Med08 Jf/J9	1
15	82820	(004937-	) Hose-Hyd Med78 Jf/J9	1
16	65195	(004937-	) Hose-Hyd Med06	1
17	65212	(004937-	) Hose-Hyd Low06	1
18	65204	(004937-	) Hose-Hyd Med08	1
19	34355	(004937-	) Hose-Hyd Med08 Jf/J9	2
20	57963	(004937-	) Hose-Hyd Med04	4
21	34379	(004937-	) Hose-Hyd Med04	1
22	65213	(004937-	) Hose-Hyd Low06	1
23	34360	(004937-	) Hose-Hyd Med08 Jf/J9	2
24	33799	(004937-	) Hose-Hyd Med08 Jf/J4	1
25	65199	(004937-	) Hose-Hyd Med12	1
26	01987	(004937-	) Hose-Hyd Med06 Jf/Jf	1
27	16431	(004937-	) Hose-Hyd Med06 Jf/Jf	1
28	82835	(004937-	) Hose-Hyd Low12 Jf/Jf	1
29	76497	(004937-	) Hose-Hyd Med06	1
30	65191	(004937-	) Hose-Hyd Med06	1
31	57944	(004937-	) Hose-Hyd Med06 Jf/J9	1
32	21729	(004937-	) Hose-Hyd Low04 Jf/J9	2
33	31603	(004937-	) Hose-Hyd Low 04	1
34	31563	(004937-	) Hose-Hyd Med06 Jf/J9	2
35	65201	(004937-	) Hose-Hyd Med12	2
36	65205	(004937-	) Hose-Hyd Low12	1
37	57568	(004937-	) Hose-Hyd Low12	1
38	77473	(004937-	) Hose-Hyd Suc20 Spcl 22.5	1
39	380675	(004937-	) Hose-Hyd Low12 Jf/jf	1

Fig. 74 - Hydraulic Reservoir Group

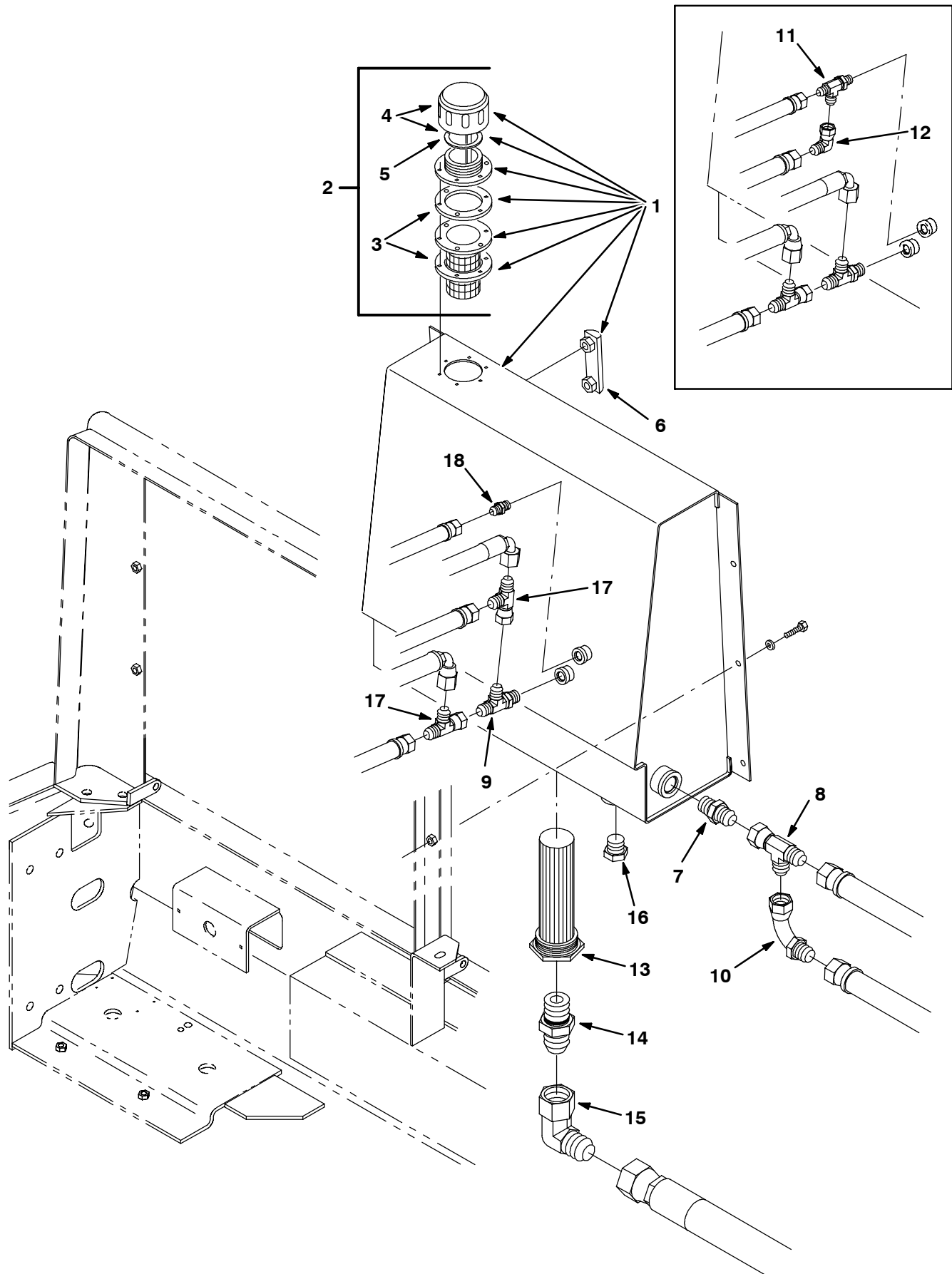


Fig. 74 - Hydraulic Reservoir Group

	Ref.	Part No.	Serial Number	Description	Qty.
▽	1	380736	(004000-	) Tank Wldt, Hydraulic w/label	1
▲▽	2	34306	(004000-	) Breather, Hyd	1
▲▲	3	61288	(004000-	) Gasket, Hyd Tank Breather	2
▲▲	4	70072	(004000-	) Breather Cap and Gasket	1
▲▲	5	70006	(004000-	) Gasket, Hyd Cap	1
▲	6	65215	(004000-	) Gauge, Sight Lh	1
	7	42260	(004000-	) Ftg-Hyd Str Jm12/Om12	1
	8	40514	(004000-	) Ftg-Hyd Tee Jm12Jmjf	1
	9	76316	(004000-	) Ftg-Hyd Tee Jm06Jmom	1
	10	57994	(004000-	) Ftg-Hyd E90 Special Jm12/Jf12	1
	11	34390	(004000-004936	) Ftg-Hyd Tee Jm04Jmom	1
	12	39210	(004000-004936	) Ftg-Hyd E90 Jm04/Jf04	1
	13	31613	(004000-	) Strainer-Hyd Suction 25-100-03	1
	14	58858	(004000-	) Ftg-Hyd Str Jm20/Om20	1
	15	19459	(004000-	) Ftg-Hyd E90	1
	16	33817	(004000-	) Ftg-Hyd Plg Om12	1
	17	42215	(004937-	) Ftg-Hyd Tee Jm06Jmjf	2
	18	55586	(004937-	) Fitting, Hyd, Str, Jm04/Om04	1

Fig. 75 - Hydraulic Solenoid Valve Group

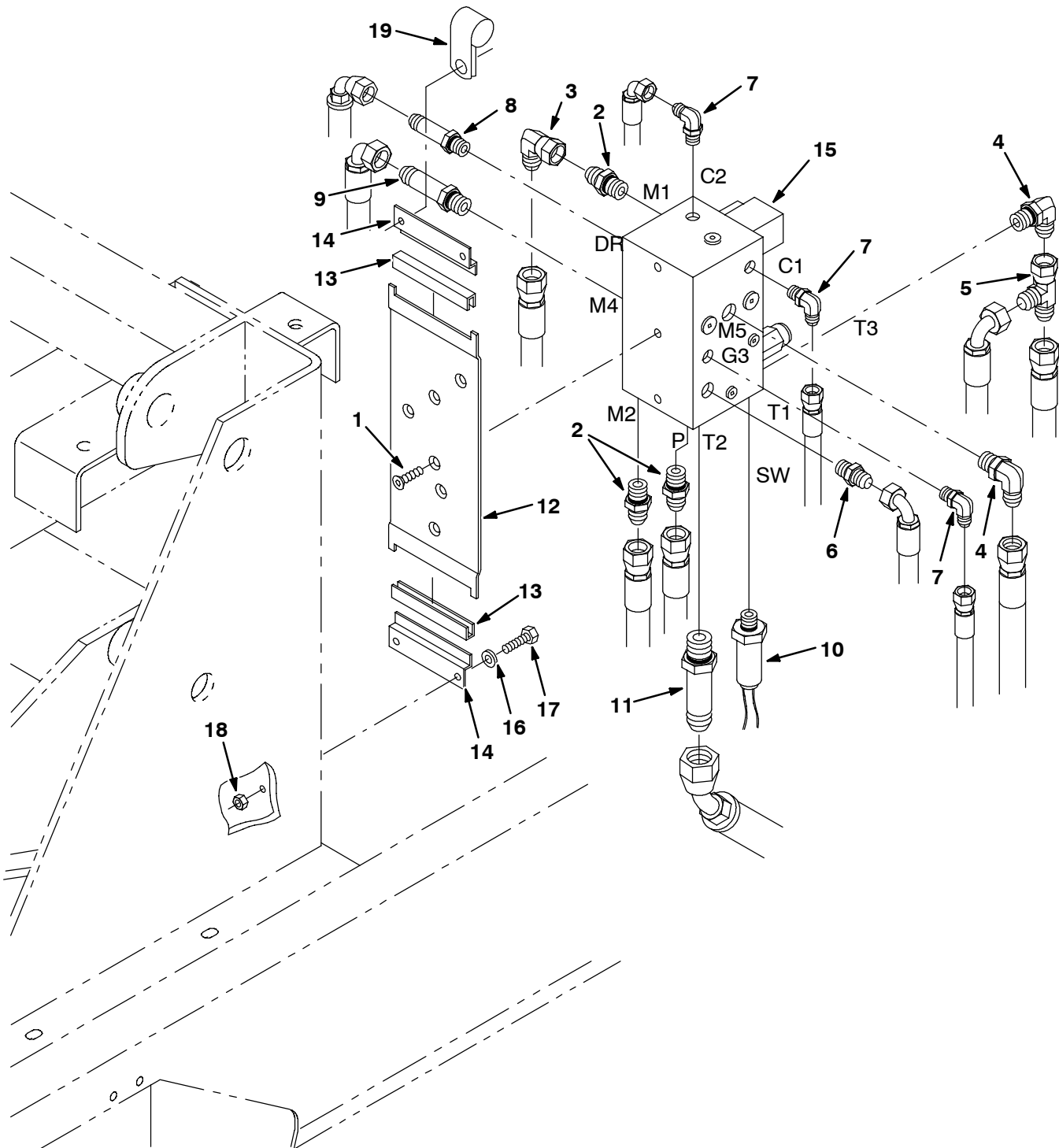


Fig. 75 - Hydraulic Solenoid Valve Group

Ref.	Part No.	Serial Number	Description	Qty.
1	32129	(004000-	) Scr Flt M8x1.25 20	3
2	44869	(004000-	) Ftg-Hyd Str Jm08/Om08	3
3	17980	(004000-	) Ftg-Hyd E90 Jm08/Jf08	1
4	44868	(004000-	) Ftg-Hyd E90 Jm08/Om08	2
5	45482	(004000-	) Ftg-Hyd Tee Jm08Jmjf	1
6	56690	(004000-	) Ftg-Hyd Str Jm06/Om06	1
7	77097	(004000-	) Ftg-Hyd E90 Jm04/Om04	3
8	59577	(004000-	) Ftg-Hyd Str Jm06Om06L	1
9	31605	(004000-	) Ftg-Hyd Str Jm08Om08L	1
10	77575	(004000-	) Switch Assy, Pressure, Hyd	1
11	57993	(004000-	) Ftg-Hyd Str Jm12Om12L	1
12	64228	(004000-	) Plate, Mtg, Valve, Solenoid	1
13	10911	(004000-	) Isolator, Vac Fan	2
14	06146	(004000-	) Bracket, Mounting	2
15	84014	(004000-	) Valve-Hyd, Solenoid (See Breakdowns)	1
16	19066	(004000-	) Washer, Flat, #10	4
17	06943	(004000-	) Screw, Hex, M6 X 1.0 X 20, 8.8	4
18	07790	(004000-	) Nut, Hex, Flng, M6 X 1.0	4
19	69234	(004000-	) Clamp, Cable, Stl, 1.00d X 0.75w, 1h	1

Fig. 76 - Hydraulic Lift Valve Group

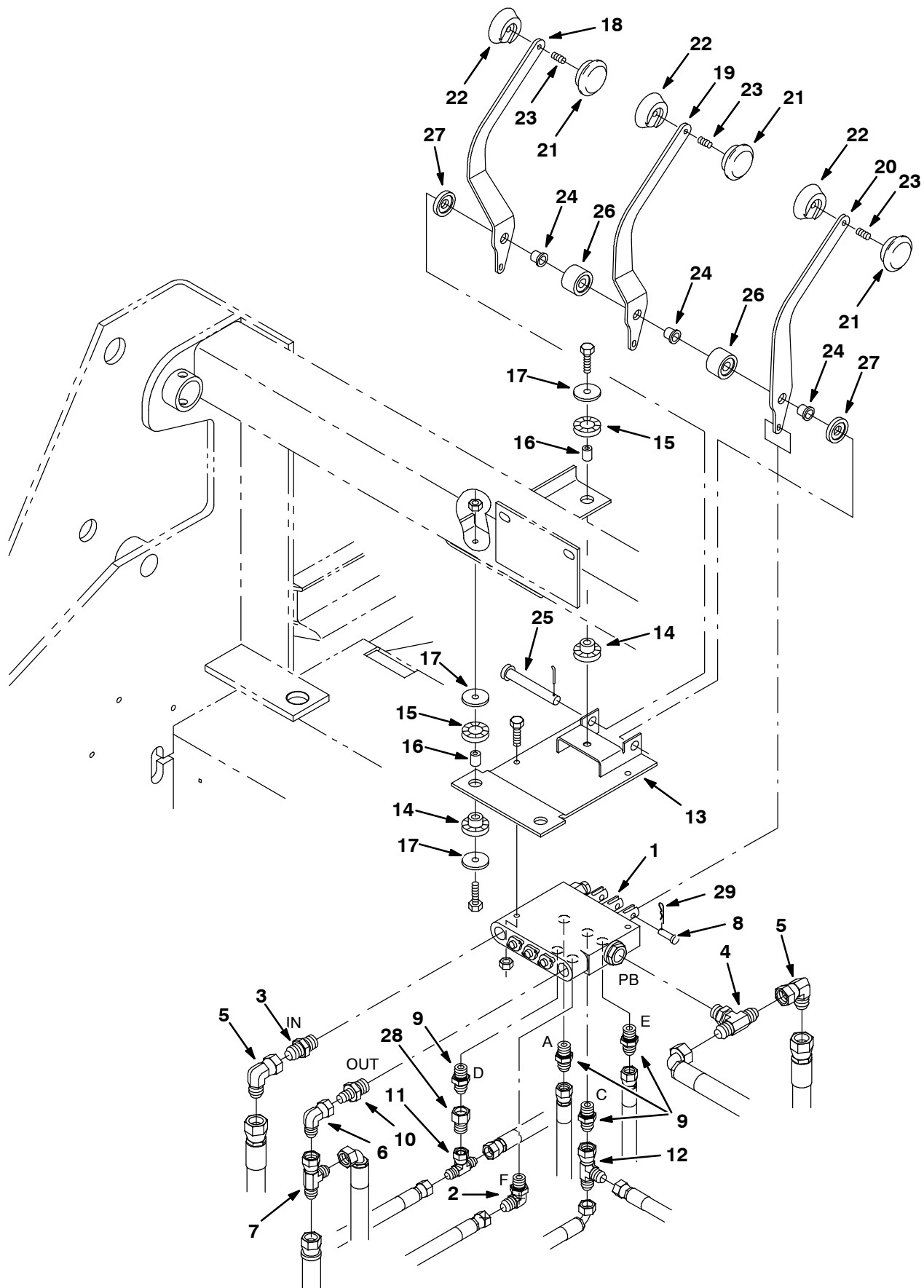


Fig. 76 - Hydraulic Lift Valve Group

Ref.	Part No.	Serial Number	Description	Qty.
1	375563	(004000-	) Valve, Hyd Control Man (See Breakdowns)	1
2	47638	(004000-	) Ftg-Hyd E90 Jm04/Om06	1
3	44869	(004000-	) Ftg-Hyd Str Jm08/Om08	1
4	49933	(004000-	) Ftg-Hyd Tee Jm08Omjm	1
5	17980	(004000-	) Ftg-Hyd E90 Jm08/Jf08	2
6	47504	(004000-	) Ftg-Hyd E90 Jm06/Jf06	1
7	42215	(004000-	) Ftg-Hyd Tee Jm06Jmjf	2
8	77488	(004000-	) Pin, Clevis .18 Dia.X .62 Lg	3
9	55685	(004000-	) Ftg-Hyd Str Jm04/Om06	3
10	52402	(004000-	) Ftg-Hyd Str Jm06/Om08	1
11	57411	(004000-	) Ftg-Hyd Tee Jm04Jfjm	1
12	57988	(004000-	) Ftg-Hyd Tee Jm04Jmjf	1
13	77485	(004000-	) Bracket Wldt, Mounting, Valve	1
14	62173	(004000-	) Bushing, Isolator-Inner,Rbr.	3
15	62172	(004000-	) Ring	3
16	64905	(004000-	) Sleeve, .259B .38D .62 Dom	3
17	1014491	(004000-	) Washer, Flat, 0.28b 1.38d .12, Hrs Pl	5
18	77491	(004000-	) Handle, Rh	1
19	77492	(004000-	) Handle, Center	1
20	77493	(004000-	) Handle, Lh	1
21	64434	(004000-	) Knob	3
22	70827	(004000-	) Knob	3
23	70847	(004000-	) Screw Set M 6X1.020	3
24	36556	(004000-	) Bearing, Nylon .50B	3
25	06474A	(004000-	) Pin,Clevis,0.50 Dia.X 3.50 Lg	1
26	77498	(004000-	) Spacer, .90L	2
27	77499	(004000-	) Spacer, .25 L	2
28	16455	(004000-	) Ftg-Hyd Rst JM04/.047	1
29	08085	(004000-	) Pin, Haircotter .31d .058wire	3

Fig. 77 - Brush Group, Side

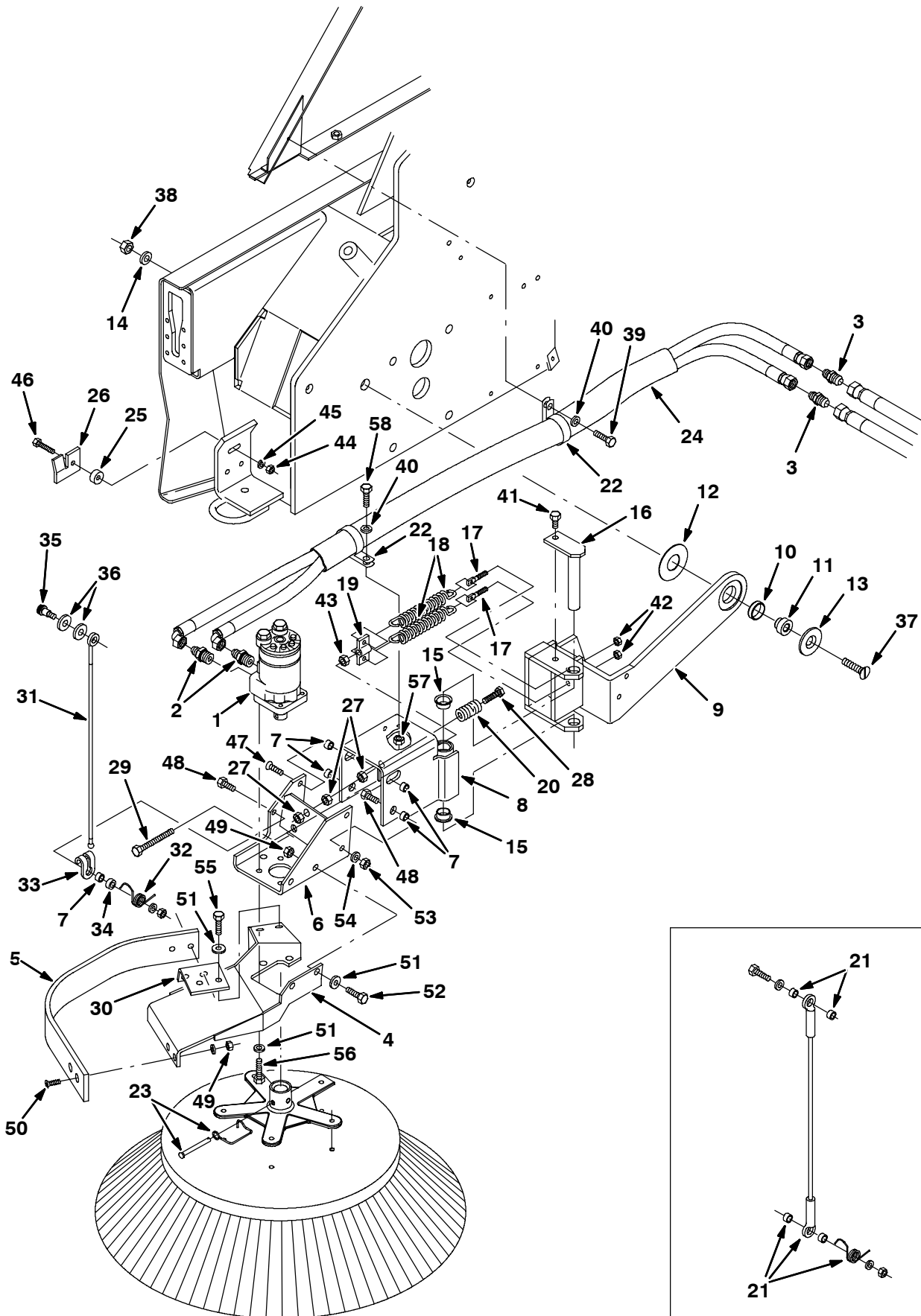


Fig. 77 - Brush Group, Side

Ref.	Part No.	Serial Number	Description	Qty.
1	79781	(004000-	) Motor, Hyd, (See Breakdowns)	1
2	47508	(004000-	) Ftg-Hyd Str Jm06/Om10	2
3	42207	(004000-	) Ftg-Hyd Str Jm08/Jm06	2
4	21224	(004000-	) Guard Wldt, Side Brush	1
5	21238	(004000-	) Guard, Side Brush	1
6	65168	(004000-	) Bracket, Mounting, Motor	1
7	65174	(004000-	) Spacer	5
8	65170	(004000-	) Bracket, Pivot	1
9	70521	(004000-	) Bracket, Lift	1
10	70627	(004000-	) Bearing	1
11	70526	(004000-	) Shaft, Pivot	1
12	70524	(004000-	) Washer, 1.300B 3.000	1
13	70525	(004000-	) Spacer	1
14	36328	(004000-	) Washer-Belleville .50 Pltd	1
15	04761	(004000-	) Bearing, Flange .875 Bore	2
16	70431	(004000-	) Pin	1
17	70626	(004000-	) Bolt-Eye M8-1.25	2
18	65160	(004000-	) Spring, Extension	2
19	65173	(004000-	) Bracket, Spring	1
20	65180	(004000-	) Spring, Comp	1
21	375400	(004000- xxxxxx	) Replacement Kit, Rh. Side Brush Cable	1
22	67366	(004000-	) Clamp, Cable, Stl, 1.0x2.0x0.62w, 1hole	1
23	84581	(004000-	) Pin Assy, Side Brush W/clip	1
24	75028	(004000-	) Sleeve, Nylon #27 65.0L	1
25	74059	(004000-	) Spacer	1
26	74060	(004000-	) Bracket, Angle	1
27	07787	(004000-	) Nut, Hex, Std, M10 X 1.5, Ss	3
28	06537	(004000-	) Screw-Hex M10X1.5	1
29	76438	(004000-	) Screw-Hex M10X1.5 90 Full Thd	1
30	21215	(004000-	) Plate, Angle	1
31	375401	(xxxxxx-	) Cable	1
32	375402	(xxxxxx-	) Spring, Torsion, Rh	1
33	1017898	(xxxxxx-	) Hook, Cable, .44d Ball	1
34	375404	(xxxxxx-	) Spacer	1
35	36758	(xxxxxx-	) Bolt, Shld, .50d X 0.50, .38-16	1
36	32486	(xxxxxx-	) Washer	2
37	20192	(004000-	) Screw, Flt, .50-13 X 2.00, Al	1
38	32985	(004000-	) Nut, Hex, Lock, .50-13, NI	1
39	12459	(004000-	) Screw, Hex, M6 X 1.0 X 20, Fmg	1
40	41185	(004000-	) Washer, Belleville, .25	1
41	09291	(004000-	) Screw, Hex, M10 X 1.5 X 20, Ss	1
42	39311	(004000-	) Nut, Hex, Std, M8 X 1.25	2
43	39312	(004000-	) Nut, Hex, Std, M10 X 1.5	1
44	08709	(004000-	) Nut, Hex, Lock, M8 X 1.25, NI	1
45	32496	(004000-	) Screw, Pan, #10-24 X 0.50, Fmg	1
46	41342	(004000-	) Screw, Hex, M8 X 1.25 X 40, 8.8	1
47	06535	(004000-	) Screw, Flt, M10 X 1.5 X 35, 10.9	1
48	39284	(004000-	) Screw, Hex, M10 X 1.5 X 35, 8.8	3
49	07792	(004000-	) Nut, Hex, Flng, M10 X 1.5	8
50	09081	(004000-	) Screw, Flt, M10 X 1.5 X 25, 10.9	4

Fig. 77 - Brush Group, Side

Ref.	Part No.	Serial Number	Description	Qty.
51	32485	(004000-	) Washer, Flat, 0.38 Sae	9
52	39283	(004000-	) Screw, Hex, M10 X 1.5 X 25, 8.8	2
53	41430	(004000-	) Nut, Hex, Lock, M10 X 1.5, NI	4
54	32492	(004000-	) Washer, Flat, 0.38 Std	7
55	09770	(004000-	) Screw, Hex, M10 X 1.5 X 25, Ss, NI	4
56	34195	(004000-	) Screw, Hex, .38-16 X 1.00, NI	4
57	07790	(004000-	) Nut, Hex, Flng, M6 X 1.00	1
58	06944	(004000-	) Screw, Hex, M6 X 1.0 X 25, 8.8	1

Fig. 78 - Brush Lift Group, Side

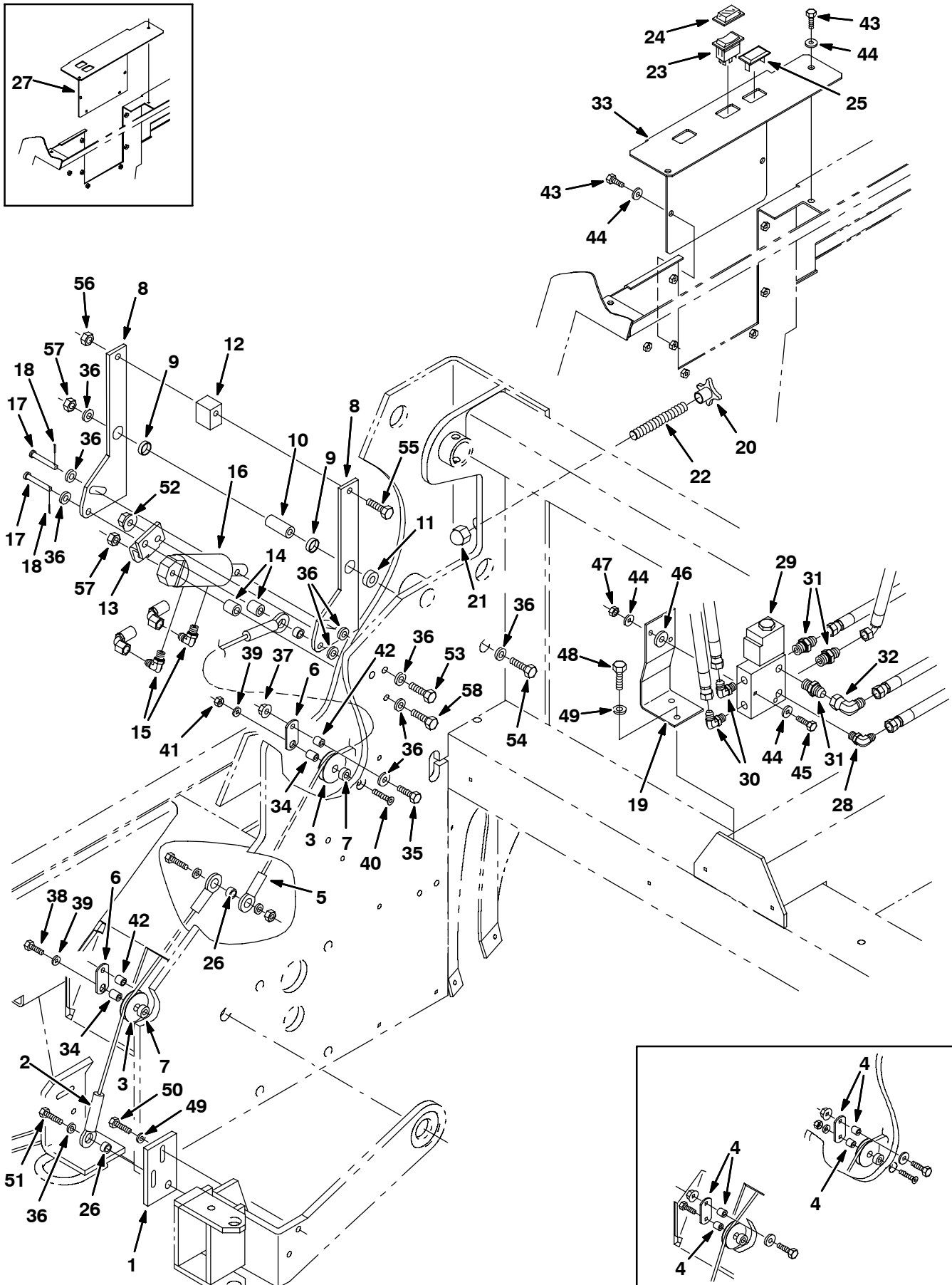


Fig. 78 - Brush Lift Group, Side

Ref.	Part No.	Serial Number	Description	Qty.
1	77669	(004000-	) Plate Wldt	1
2	70532	(004000-	) Cable, Side Brush, Lift	1
3	74391	(004000-	) Pulley Assy, Cable, 1.5 Dia	2
4	375416	(004000- xxxxxx	) Replacement Kit, Roller, Side Brush Lift	1
5	23936	(004000-	) Cable, Retaining, S Br	1
6	375415	(xxxxxx-	) Plate, Side Brush Roller	2
7	73737	(004000-	) Sleeve, .375B .75D .32 Stl	2
8	77584	(004000-	) Plate	2
9	74090	(004000-	) Bearing	2
10	77597	(004000-	) Sleeve, 0.406B 0.75D1.80 Stl	1
11	77727	(004000-	) Sleeve, .438B 1.00D .35 Stl	1
12	77459	(004000-	) Spacer	1
13	77601	(004000-	) Plate, Angle	1
14	77600	(004000-	) Sleeve, 0.406B .75D .800 Stl	1
15	77097	(004000-	) Ftg-Hyd E90 Jm04/Om04	2
16	379020	(004000-	) Cylinder, Hyd 1.5B 1.5S 2500	1
17	51813	(004000-	) Pin, Clevis, 0.37 Dia. X 2.12 Lg	2
18	08179	(004000-	) Pin, Cotter .094X1.00	2
19	21231	(004000-	) Plate	1
20	77605	(004000-	) Knob, Plastic	1
21	41131	(004000-	) Nut Low Crown .62-18	1
22	77682	(004000-	) Rod, Thread	1
23	65561	(004000-	) Switch Rocker Spst	1
24	57807	(004000-	) Cover, Rocker Switch Seal	1
25	57772	(004000-	) Plate-Cover	1
26	65174	(004000-	) Spacer	3
27	21109	(004000-004274	) Plate, Cover	1
28	56820	(004000-	) Ftg-Hyd E90	1
29	84016	(004000-	) Valve, Hyd Solenoid (See Breakdowns)	1
30	77097	(004000-	) Ftg-Hyd E90 Jm04/Om04	2
31	56690	(004000-	) Ftg-Hyd str	3
32	47504	(004000-	) Ftg-Hyd E90	1
33	375666	(004275-	) Plate, Cover	1
34	80395	(xxxxxx-	) Sleeve, P/M, 0.496d 0.318b 0.65l 430ss	2
35	76570	(xxxxxx-	) Screw, Hex m08	2
36	32492	(xxxxxx-	) Washer, Flat	12
37	07791	(xxxxxx-	) Nut, Hex, Flange	2
38	41342	(xxxxxx-	) Screw, Hex m08	2
39	33924	(xxxxxx-	) Washer, Flat m10	2
40	09028	(xxxxxx-	) Screw, Hex m10	1
41	32715	(xxxxxx-	) Nut, Hex Lock m10	1
42	222460	(xxxxxx-	) Sleeve, P/M, 0.496d 0.318b 0.50l 430ss	2
43	06943	(004000-	) Screw, Hex, M6 X 1.0 X 20, 8.8	4
44	19066	(004000-	) Washer, Flat, #10	8
45	06548	(004000-	) Screw, Hex, M6 X 1.0 X 60, 8.8	2
46	63416	(004000-	) Washer, Rbr, .12 0.31b 0.88d	2
47	08708	(004000-	) Nut, Hex, Lock, M6 X 1.0, NI	2
48	16931	(004000-	) Screw, Hex, M8 X 1.25 X 20, 8.8	2
49	32491	(004000-	) Washer, Flat, 0.31 Std	3
50	09010	(004000-	) Screw, Hex, M8 X 1.25 X 25, Ss	2

Fig. 78 - Brush Lift Group, Side

Ref.	Part No.	Serial Number	Description	Qty.
51	39283	(004000-	) Screw, Hex, M10 X 1.5 X 25, 8.8	2
52	07792	(004000-	) Nut, Hex, Flng, M10 X 1.5	2
53	39284	(004000-	) Screw, Hex, M10 X 1.5 X 35, 8.8	1
54	03193	(004000-	) Screw, Hex, M10 X 1.5 X 90, 8.8	1
55	06957	(004000-	) Screw, Hex, M8 X 1.25 X 60, 8.8	1
56	08709	(004000-	) Nut, Hex, Lock, M8 X 1.25, NI	1
57	41430	(004000-	) Nut, Hex, Lock, M10 X 1.5, NI	1
58	06965	(004000-	) Screw, Hex, M10 X 1.5 X 80, 8.8	1

Fig. 79 - Brush Drive Group, Main

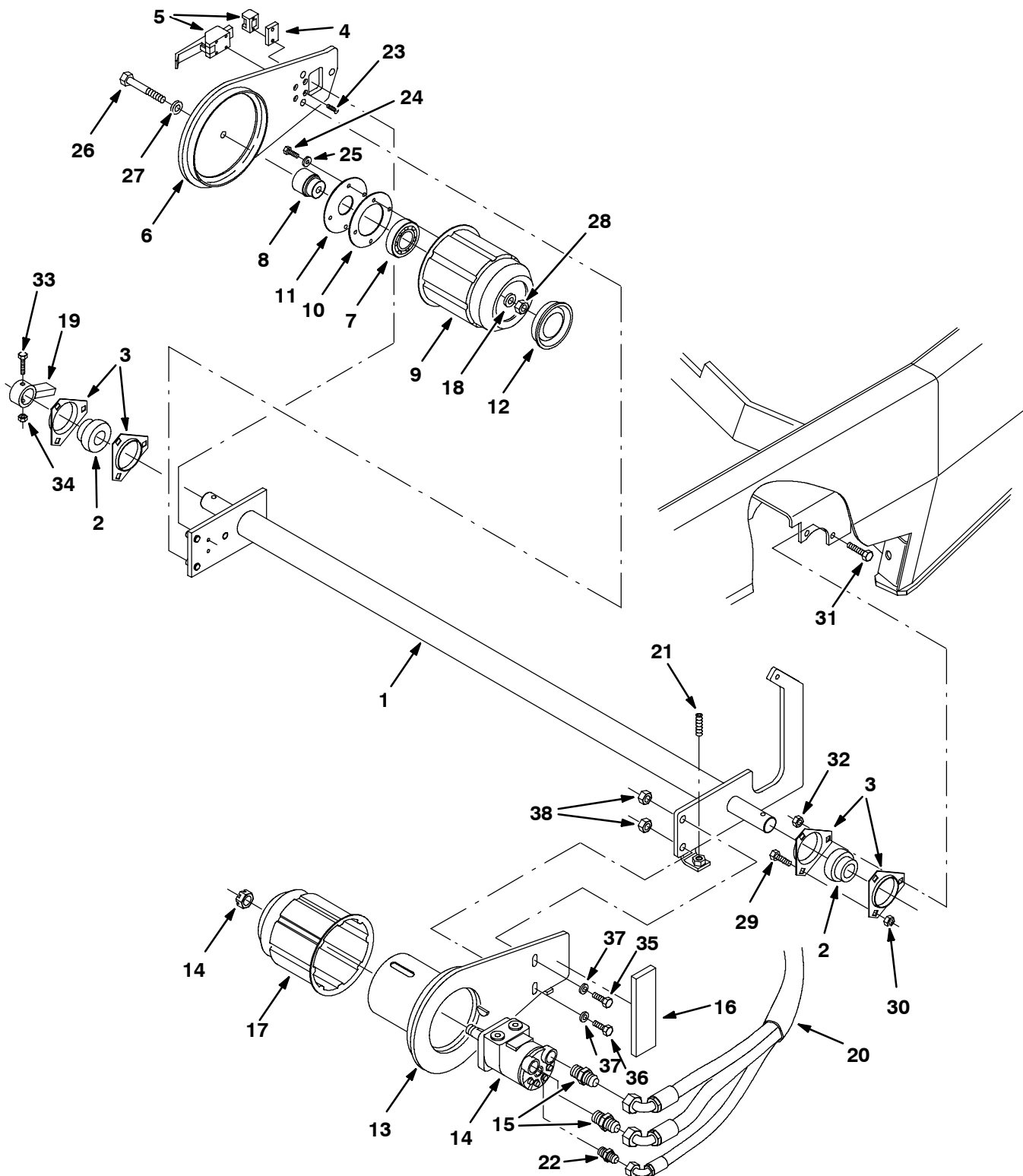


Fig. 79 - Brush Drive Group, Main

Ref.	Part No.	Serial Number	Description	Qty.
1	63436	(004000-	) Shaft Wldt, Main Brush	1
2	51448	(004000-	) Bearing&Clr , 1.25B 2.44D 1.41W	2
3	51449	(004000-	) Flange,Brg,3 Hole	4
4	63541	(004000-	) Plate, Mtg, Latch	1
5	54878	(004000-	) Latch	1
6	63449	(004000-	) Arm Wldt, M Br, Idler	1
7	24899	(004000-	) Bearing-Ball, 1.38B 2.83D 0.67W	1
8	30251	(004000-	) Shaft, Idler	1
9	55779	(004000-	) Plug Wldt, Idler	1
10	30252	(004000-	) Strip, Retainer, Bearing	1
11	30253	(004000-	) Plate, Seal	1
12	30255	(004000-	) Plug, Tube	1
13	63450	(004000-	) Arm Wldt, M Br, Motor	1
14	53434	(004000-	) Motor-Hyd Gear In (See Breakdowns)	1
15	44869	(004000-	) Ftg-Hyd Str Jm08/Om08	2
16	60732	(004000-	) Seal Foam Rubber .75X1.5X3.5	1
17	87631	(004000-	) Plug Weld, Brush Drive, Sweep	1
18	51564	(004000-	) Washer, .531B 1.75D .12Cr.Znc	1
19	64811	(004000-	) Bar Wldt, Brush Pressure	1
20	34330	(004000-	) Sleeve, Hyd 30"	1
21	75612	(004000-	) Screw, Set	1
22	55586	(004000-	) Ftg-Hyd Str Jm04/Om04	1
23	09120	(004000-	) Screw, Flt, M5 X 0.8 X 16, 10.9	6
24	12274	(004000-	) Screw, Hex, M6 X 1.0 X 20, 8.8, NI	4
25	32483	(004000-	) Washer, Flat, 0.25 Sae	4
26	32895	(004000-	) Screw, Hex, .50-13 X 3.50, 5	1
27	36328	(004000-	) Washer, Belleville, .50	1
28	02931	(004000-	) Nut, Hex, Lock, .50-13, NI, Ss	1
29	10819	(004000-	) Bolt, Carriage, .38-16 X 1.00	2
30	50902	(004000-	) Nut, Hex, Lock, .38-16, NI	2
31	39283	(004000-	) Screw, Hex, M10 X 1.5 X 25, 8.8	4
32	07792	(004000-	) Nut, Hex, Flng, M10 X 1.5	4
33	06957	(004000-	) Screw, Hex, M8 X 1.25 X 60, 8.8	1
34	08709	(004000-	) Nut, Hex, Lock, M8 X 1.25, NI	1
35	06968	(004000-	) Screw, Hex, M12 X 1.75 X 35, 8.8	1
36	41346	(004000-	) Screw, Hex, M12 X 1.75 X 30, 8.8	1
37	32486	(004000-	) Washer, Flat, 0.50 Sae	2
38	07793	(004000-	) Nut, Hex, Flng, M12 X 1.75	2

Fig. 80 - Brush Lift Group, Main

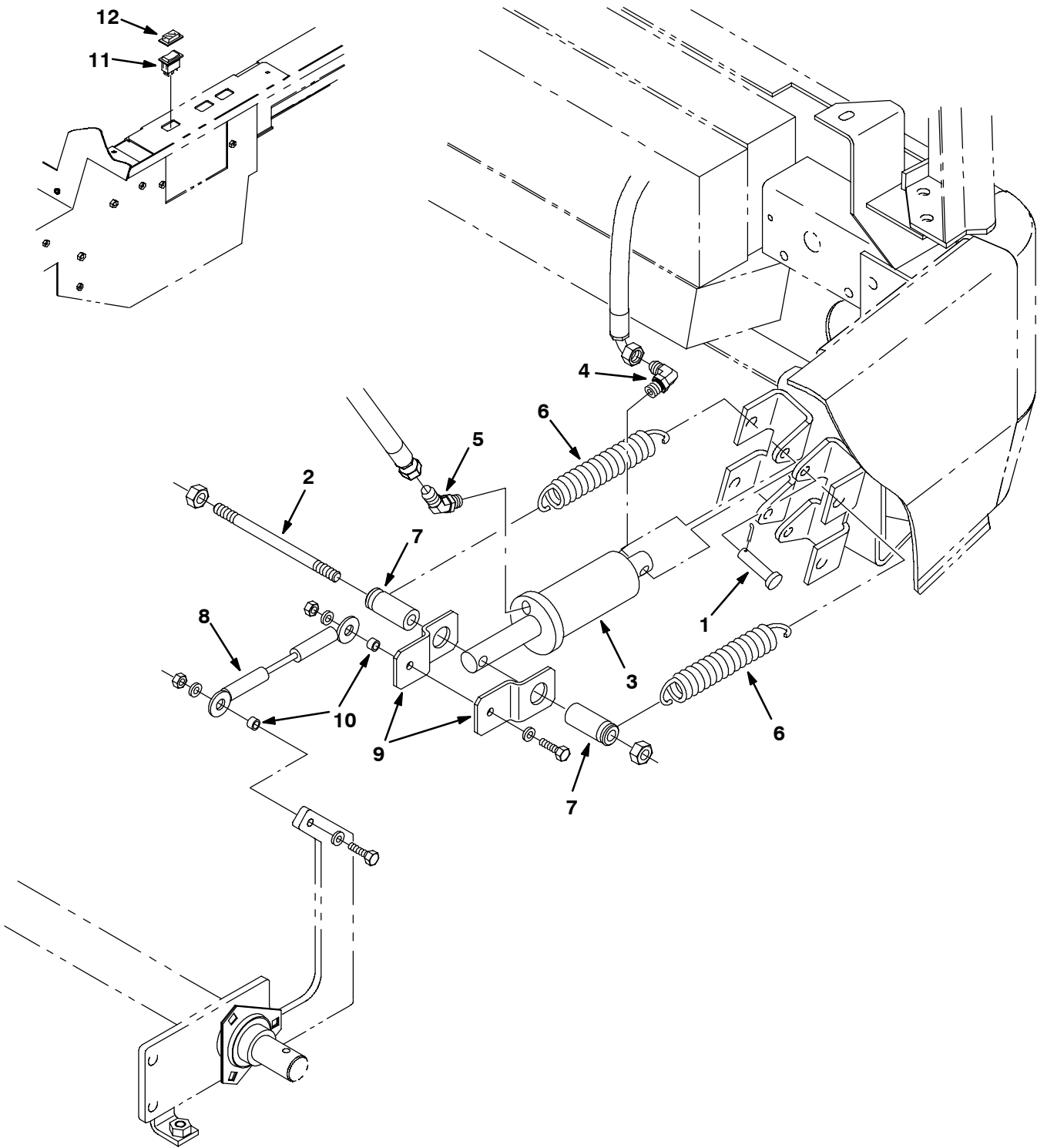


Fig. 80 - Brush Lift Group, Main

Ref.	Part No.	Serial Number	Description	Qty.
1	51534	(004000-	) Pin,Clevis,0.50 Dia.X 2.00 Lg	1
2	1012657	(004000-	) Rod, Thrd, 2 End .50-13 05.75	1
1028042 3	54096	(004000-	) Cylinder, Hyd	1
4	77097	(004000-	) Ftg-Hyd E90 Jm04/Om04	1
5	34359	(004000-	) Ftg-Hyd E45 Jm04/Om04	1
6	33404	(004000-	) Spring, Tension	2
7	1012656	(004000-	) Tube, Mach, Retainer, Spring , 1.0d 1.7l	2
8	64233	(004000-	) Cable, Lift, Main Brush	1
9	65248	(004000-	) Bracket, Brush Lift, Main	2
10	65249	(004000-	) Tube, Spacer, Brush Lift	2
11	61969	(004275-	) Switch, Rocker, Dpdt	1
12	57807	(004275-	) Cover, Rocker Switch Seal	1

Fig. 81 - Brush Adjustment Group, Main

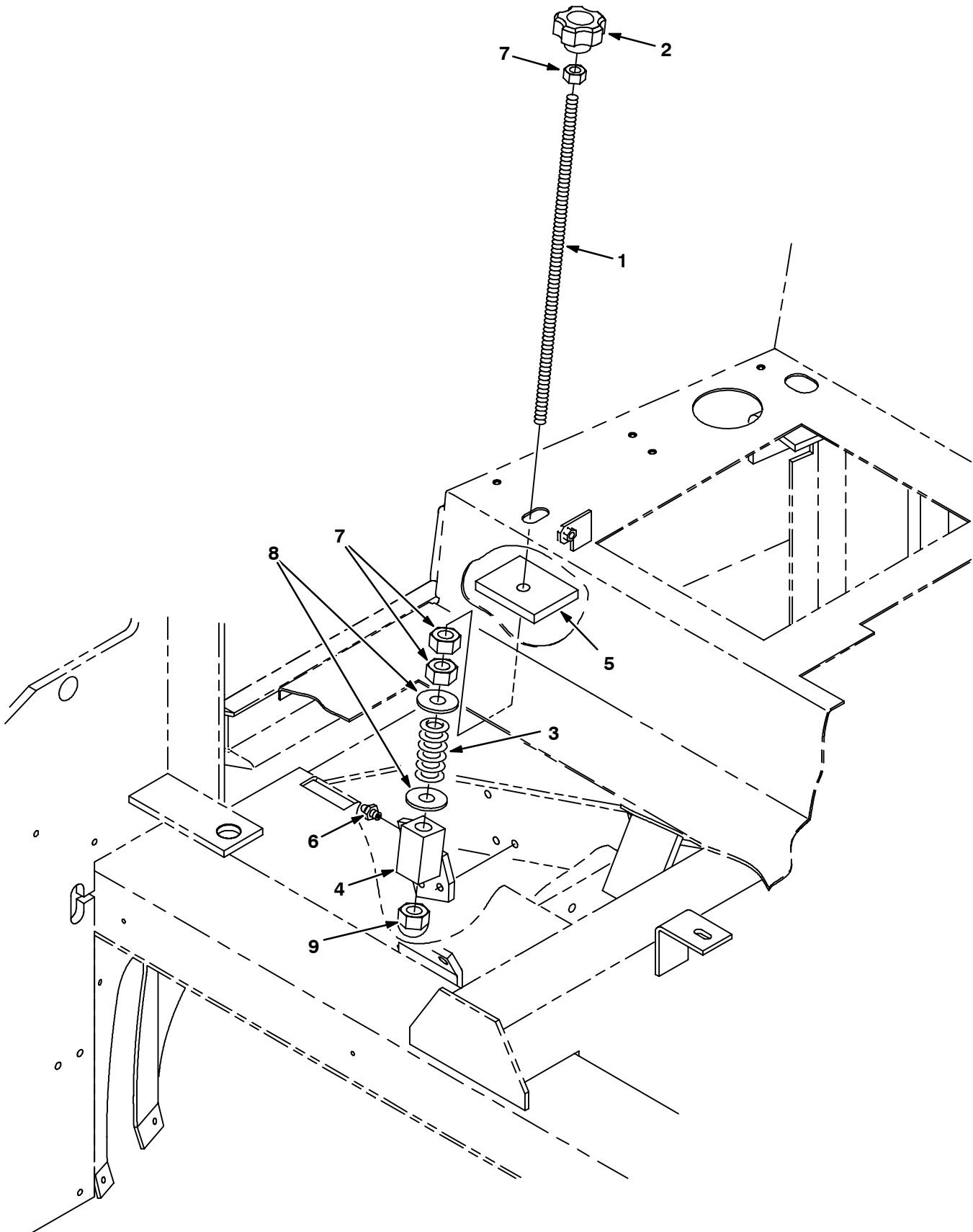


Fig. 81 - Brush Adjustment Group, Main

Ref.	Part No.	Serial Number	Description	Qty.
1	77578	(004000-	) Rod, Thread	1
2	77605	(004000-	) Knob, Plastic	1
3	51693	(004000-	) Sprng,Comp,0.87ldx.10Wire 2.5L	1
4	77580	(004000-	) Plate, Adj, Brush	1
5	79028	(004000-	) Seal, Rod, Adjuster	1
6	11716	(004000-	) Ftg, Grease.12 Npt 45 .88L	1
7	77583	(004000-	) Nut, Hex, Std, .62-18	3
8	15331	(004000-	) Washer, Flat, 0.62, Sae	2
9	41131	(004000-	) Nut, Low Crown, .62-18	1

Fig. 82 - Vacuum Fan Impeller Group

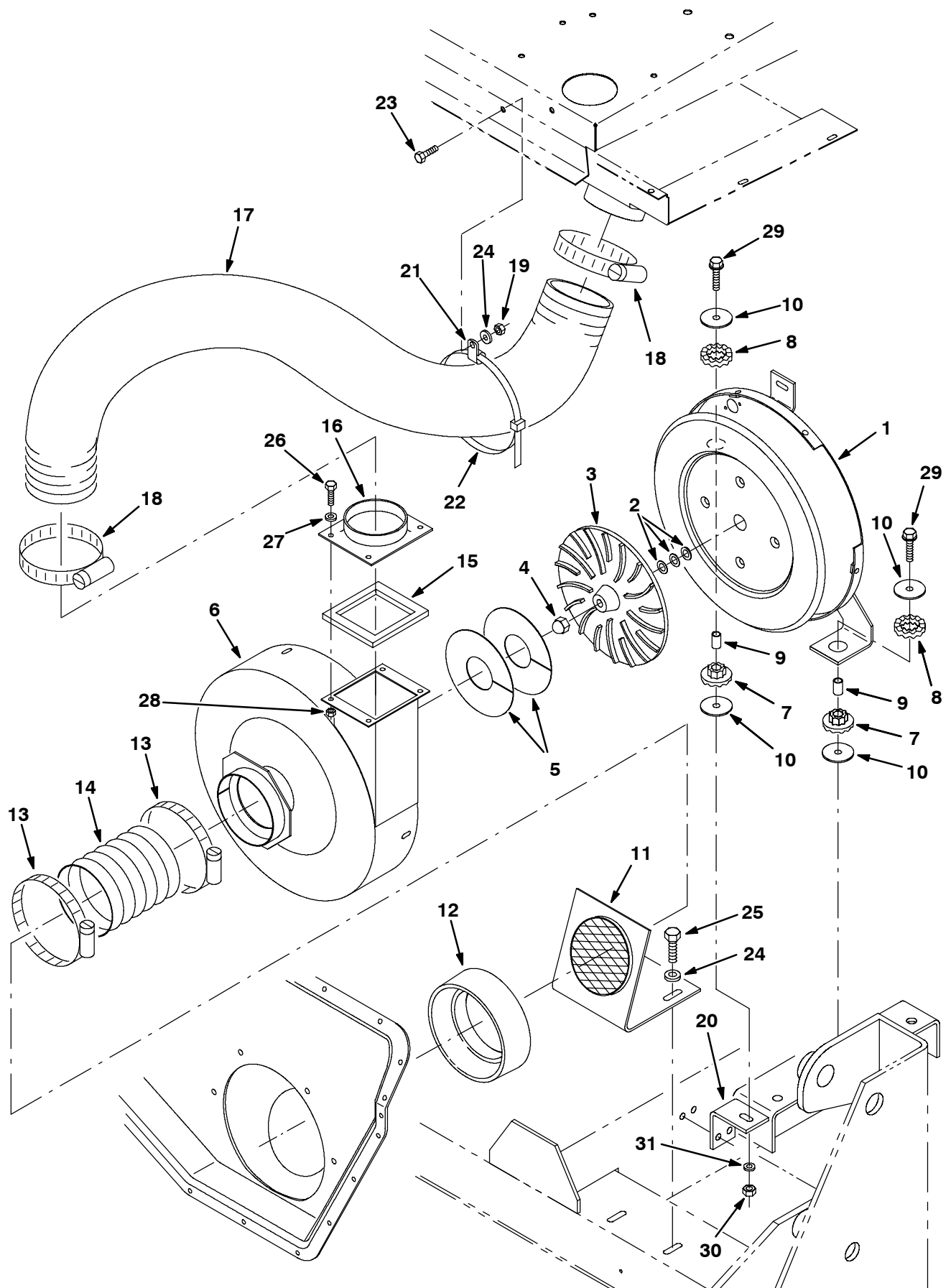


Fig. 82 - Vacuum Fan Impeller Group

Ref.	Part No.	Serial Number	Description	Qty.
1	77531	(004000-	) Housing Wldt, Vac Fan, Rear	1
2	75456	(004000-	) Shim .003Th 0.88Odx0.506ld	1
2	75456-1	(004000-	) Shim .005Th 0.88Odx0.506ld	1
2	75456-2	(004000-	) Shim .010Th 0.88Odx0.506ld	1
2	75456-3	(004000-	) Shim .020Th 0.88Odx0.506ld	3
2	75456-4	(004000-	) Shim .060Th 0.880Dxo.506ld	3
3	03922	(004000-	) Impeller 9.5 Dia. 18 Blade Mac	1
4	41130	(004000-	) Nut-Low Crown .50-20 Pltd	1
5	58114	(004000-	) Fan, Repair Kit, Reassembly	1
6	77532	(004000-	) Housing Wldt, Vac Fan, Front	1
7	64621	(004000-	) Bushing, Isolator	2
8	64618	(004000-	) Ring, Isolator, Outer Rbr	2
9	64299	(004000-	) Spacer	2
10	58228	(004000-	) Plate, Spring - Side Brush	4
11	70825	(004000-	) Bracket Wldt, Fan Inlet	1
12	21241	(004000-	) Gasket Kit, Vacfan, Replmt [800l]	1
13	73685	(004000-	) Clamp-Wormdrive, 3.62- 5.50D	2
14	73646	(004000-	) Hose, Fan Inlet	1
15	73650	(004000-	) Insulation, Acoustic, Fan	1
16	77553	(004000-	) Plate, Vac Fan	1
17	40870-8	(004000-	) Hose&cuff Assy, Vinyl4.0ldx50	1
18	23498	(004000-	) Clamp-Wormdrive, 2.63- 4.50D	2
19	08709	(004000-	) Nut, Hex, Lock, M8 X 1.25, NI	1
20	375721	(004380-	) Bracket, Angle	1
21	69234	(004000-	) Clamp, Cable, Stl, 1.00d X 0.75w, 1h	1
22	763113	(004000-	) Tie, Cable, 20.0l, 6.00d Max	1
23	16931	(004000-	) Screw, Hex, M8 X 1.25 X 20, 8.8	1
24	32491	(004000-	) Washer, Flat, 0.31 Std	3
25	76570	(004000-	) Screw, Hex, M8 X 1.25 X 30, 8.8	2
26	06943	(004000-	) Screw, Hex, M6 X 1.0 X 20, 8.8	4
27	32483	(004000-	) Washer, Flat, 0.25, Sae	4
28	08708	(004000-	) Nut, Hex, Lock, M6 X 1.00, NI	4
29	16930	(004000-	) Screw, Hex, M10 X 1.5 X 50, 8.8	2
30	41430	(004000-	) Nut, Hex, Lock, M10 X 1.5, NI	2
31	32492	(004000-	) Washer, Flat, 0.38, Std	2

Fig. 83 - Vacuum Fan Motor Group

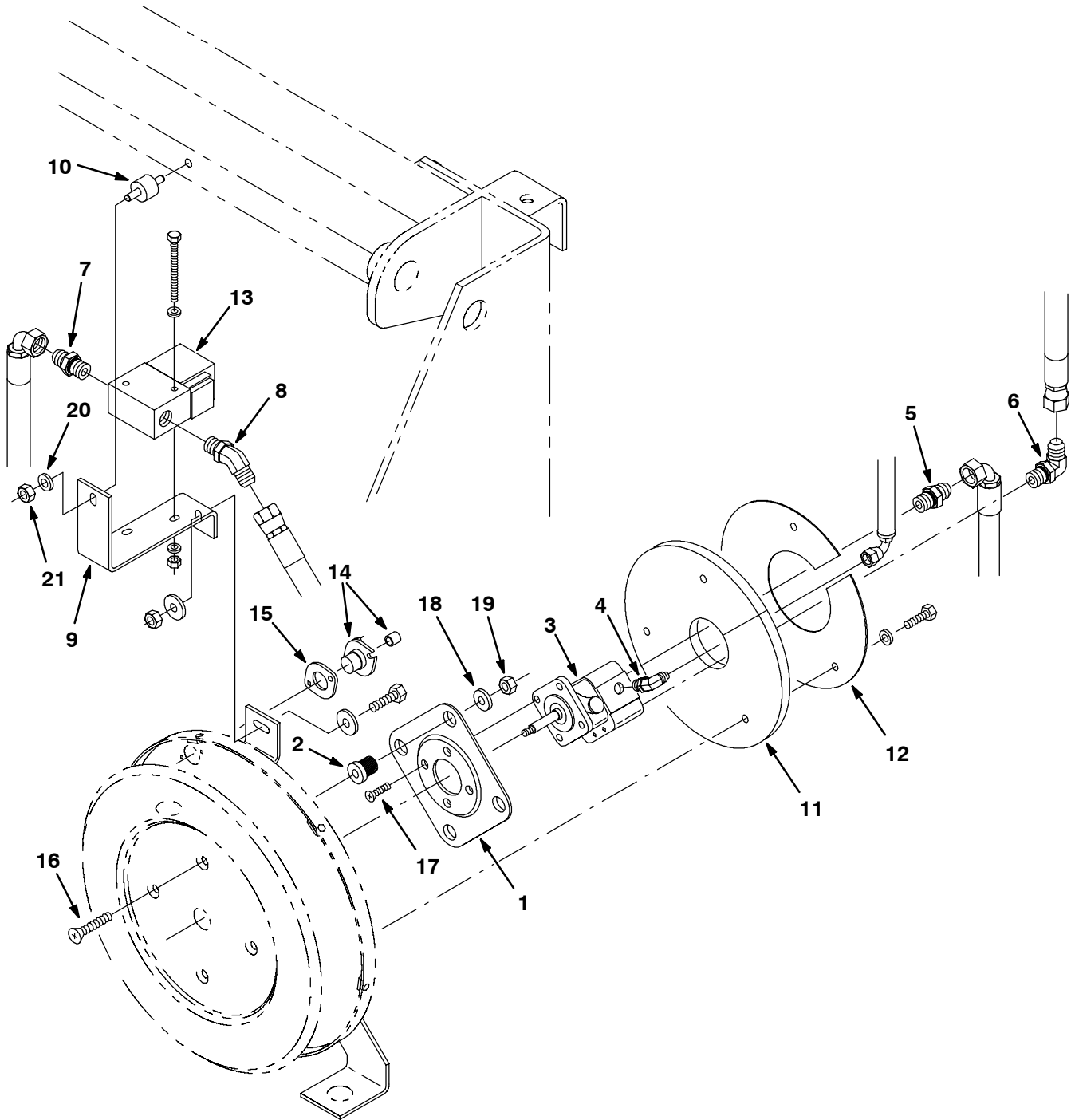


Fig. 83 - Vacuum Fan Motor Group

Ref.	Part No.	Serial Number	Description	Qty.
1	54275A	(004000-	) Bracket, Mounting Motor	1
2	54274	(004000-	) Isolator-Vibration,60 Lb.Ratng	4
3	19117	(004000-	) Motor-Hyd Gear Ex (See Breakdowns)	1
4	77097	(004000-	) Ftg-Hyd E90 Jm04/Om04	1
5	56692	(004000-	) Ftg-Hyd Str Jm08/Om10	1
6	56821	(004000-	) Ftg-Hyd E90 Jm08/Om10	1
7	44869	(004000-	) Ftg-Hyd Str Jm08/Jm08	1
8	42226	(004000-	) Ftg-Hyd E45 Jm08/Om08	1
9	70775	(004000-	) Bracket, Mtg, Valve	1
10	05611	(004000-	) Isolator, Vibration	1
11	70810	(004000-	) Insulation, Acoustic, Vac Fan	1
12	70790	(004000-	) Plate, Retainer, Foam	1
13	84015	(004000-	) Valve-Hyd, Solenoid (See Breakdowns)	1
14	02713	(004000-	) Thermostat Assembly, 155 Deg	1
15	82733	(004000-	) Gasket, Fire Switch	1
16	54862	(004000-	) Screw Flt	4
17	39534	(004000-	) Screw Flt	4
18	13248	(004000-	) Washer, Flat, 0.40b 1.12d .12, Stl, Pl	4
19	50902	(004000-	) Nut, Hex, Lock, .38-16, NI	4
20	32984	(004000-	) Washer, Lock, Int, 0.31	2
21	19313	(004000-	) Nut, Hex, Std, .31-18	2

Fig. 84 - Steering Group

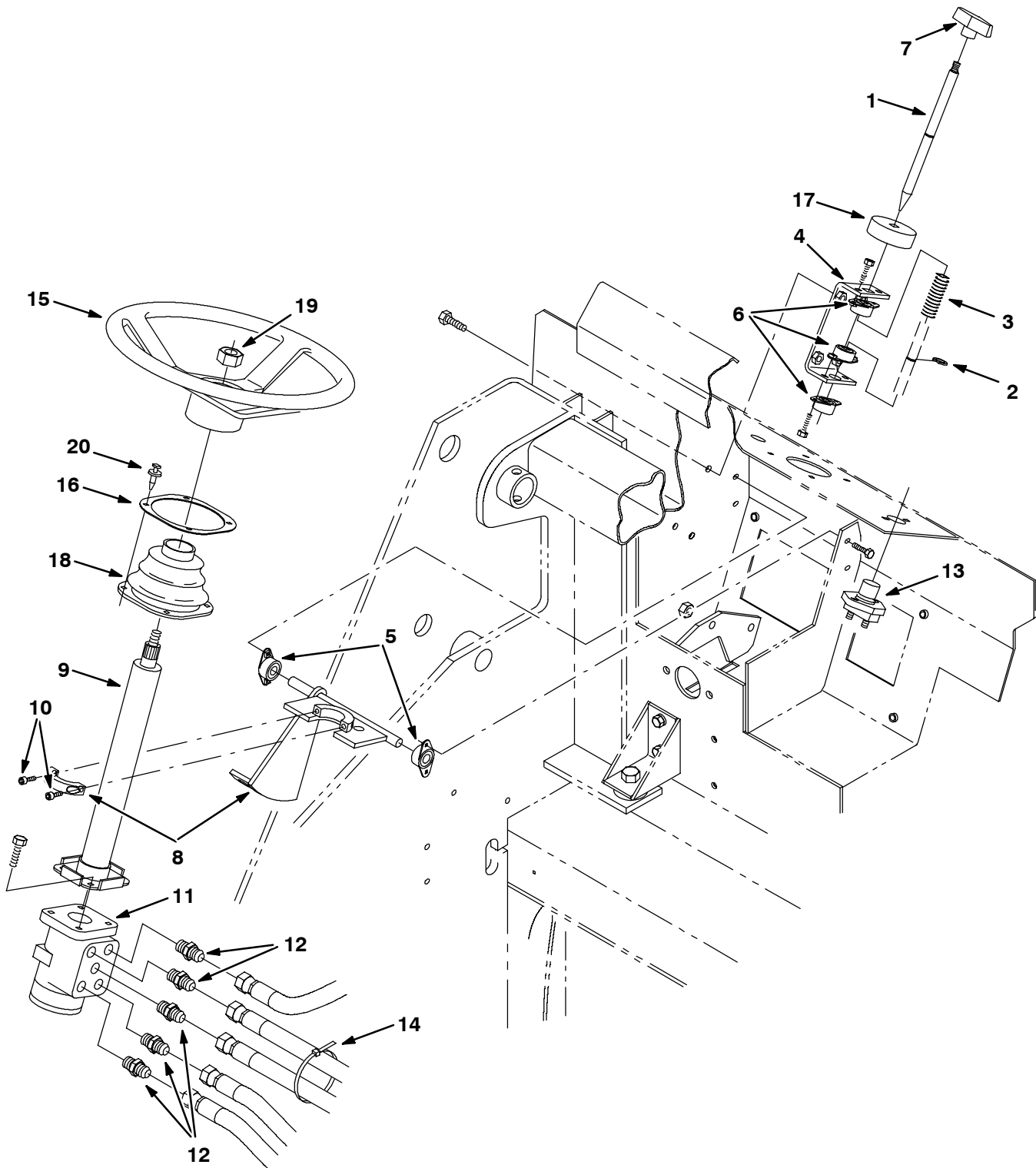


Fig. 84 - Steering Group

Ref.	Part No.	Serial Number	Description	Qty.
1	64651	(004000-	) Rod, Latch, Steering, Tilt	1
2	70717	(004000-	) Ring, Retain, Ex, 0.50Od, Heavy Dt	1
3	22290	(004000-	) Sprng, Comp, 0.62ldx.06Wire 2.3L	1
4	64655	(004000-	) Channel, Mtg, Steering Latch	1
5	70709	(004000-	) Bearing, Flange .500B	2
6	47585	(004000-	) Bearing-Flange, 2 Hole 0.50Bore	3
7	04706	(004000-	) Handle, Lift, Brush	1
8	64586	(004000-	) Bracket Wldt, Steering Tilt	1
▽	9	64631	(004000-) Column, Steering 12"	1
▲		74142	(004000-) Boot	1
10	21195	(004000-	) Scr Hex .38-16X0.75	2
11	65242	(004000-	) Steer Control, Hyd	1
12	56690	(004000-	) Ftg-Hyd Str Jm06/Om06	5
13	44078	(004000-	) Switch, Pushmom, Spst100A 12V	1
14	49263	(004000-	) Tie, Cable 3.00D Max 11.41Lg	3
15	56398	(004000-	) Wheel, Steering	1
16	70623	(004000-	) Plate, Mtg, Steering Boot	1
17	75968	(004000-	) Seal, Bearing	1
18	70622	(004000-	) Seal, Boot, Steering Column	1
19	56185	(004000-	) Nut-hx Jam M20x1.5 4 Pltd	1
20	72970	(004000-	) Rivet, Plastic .250Dx.898	4

Fig. 85 - Electrical Instrument Panel Assembly

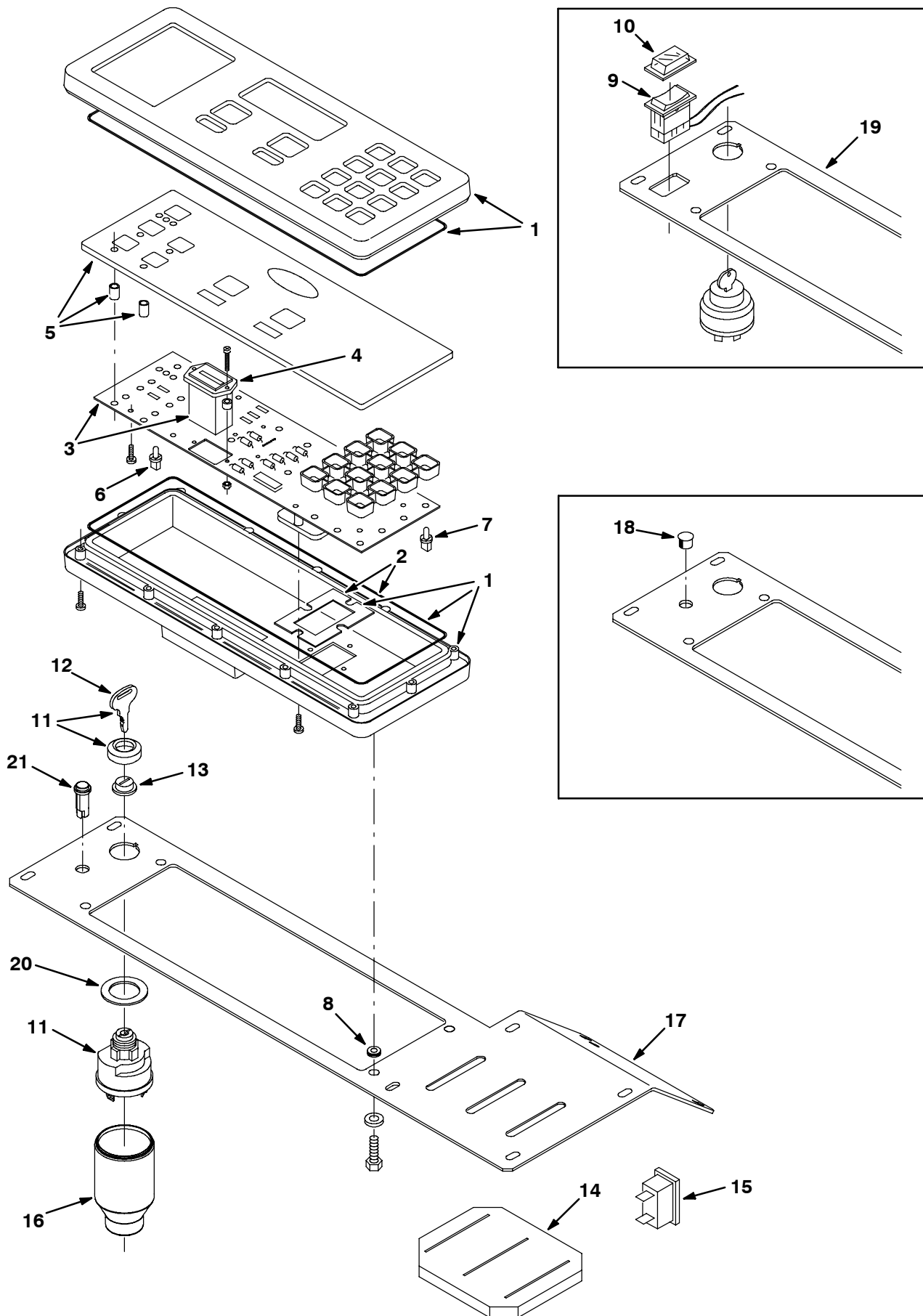
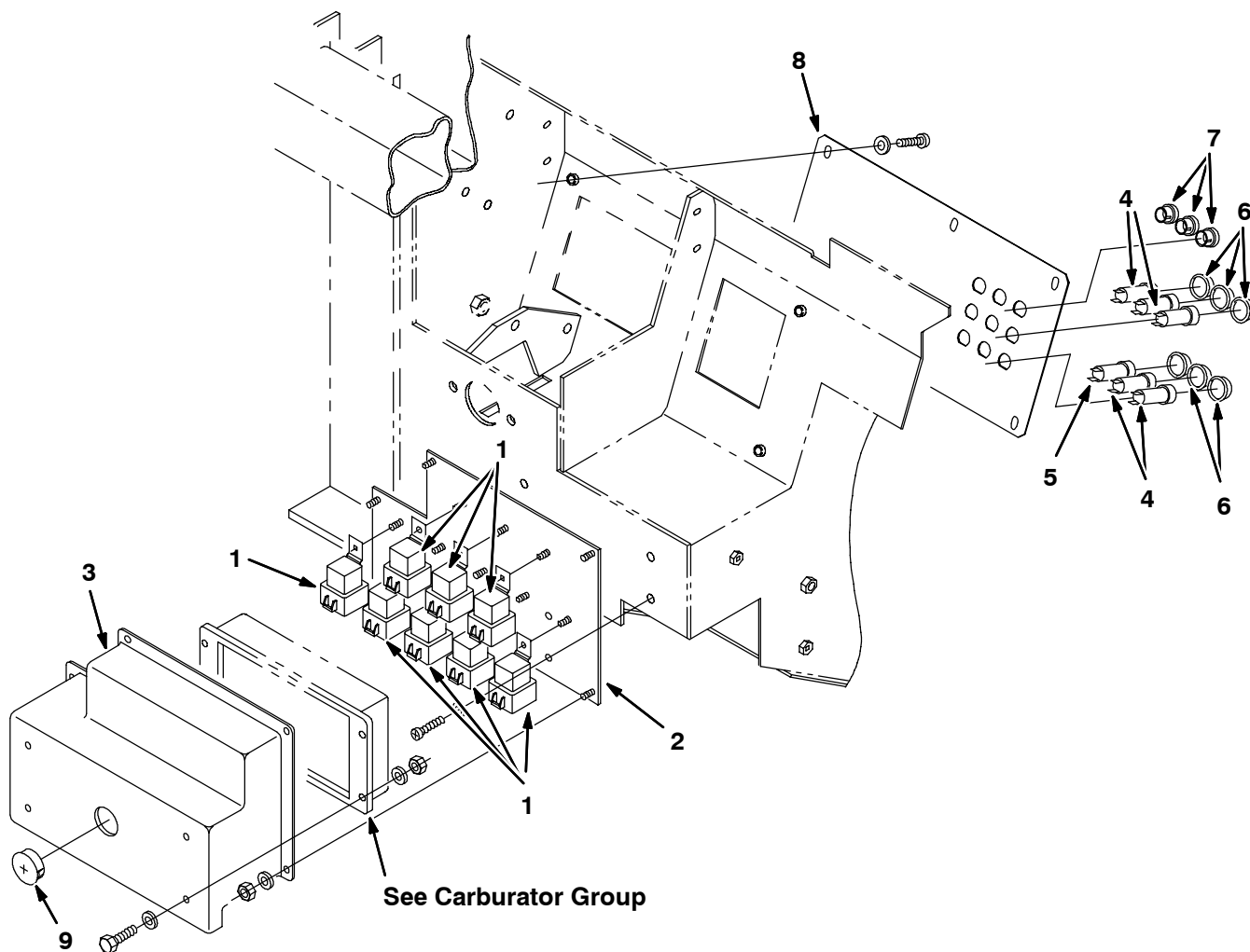


Fig. 85 - Electrical Instrument Panel Assembly

	Ref.	Part No.	Serial Number	Description	Qty.
▽		59970	(004000-	) Replm Kit, Instr Panel	1
▲	1	59976	(004000-	) Replm Kit, Case	1
▲	2	59977	(004000-	) Replm Kit, Seal	1
▲▽	3	59974	(004000-	) Replm Kit, Cir Board	1
▲▲	4	59978	(004000-	) Replm Kit, Hourmeter	1
▲	5	59979	(004000-	) Replm Kit, Touch Panel	1
▲	6	59971	(004000-	) Replm Kit, Lamp, Backlighting (Set of 8)	2
▲	7	56346	(004000-	) Replm Kit, Lamp, Fault (Set of 8)	1
	8	10632-5	(004000-	) Grommet,Rbr,0.25ld,For .09Matl	4
	9	61969	(004000-004274	) Switch, Rocker, Dpdt	1
	10	57807	(004000-004274	) Cover, Rocker Switch Seal	1
▽	11	87536	(004000-	) Switch Ignition	1
▲	12	87866	(004000-	) Key Set,Switch Ku	1
	13	382516	(004000-	) Boot, Switch	1
	14	79648	(004000-	) Seal, Handle, Valve	1
	15	64141	(004000-	) Light, Indicator 14V Red 1.2x0.7	1
	16	383165	(004322-	) Boot, Switch, Ignition	1
	17	1012670	(004275-	) Panel, Cover, Dash	1
	18	56992	(004275-005999	) Plugbutton	1
	19	65245	(004000-004274	) Panel, Cover, Dash	1
	20	73736	(004000-	) Washer	1
	21	1012185	(006000-	) Light, Check Eng, Amb, 14vdc	1

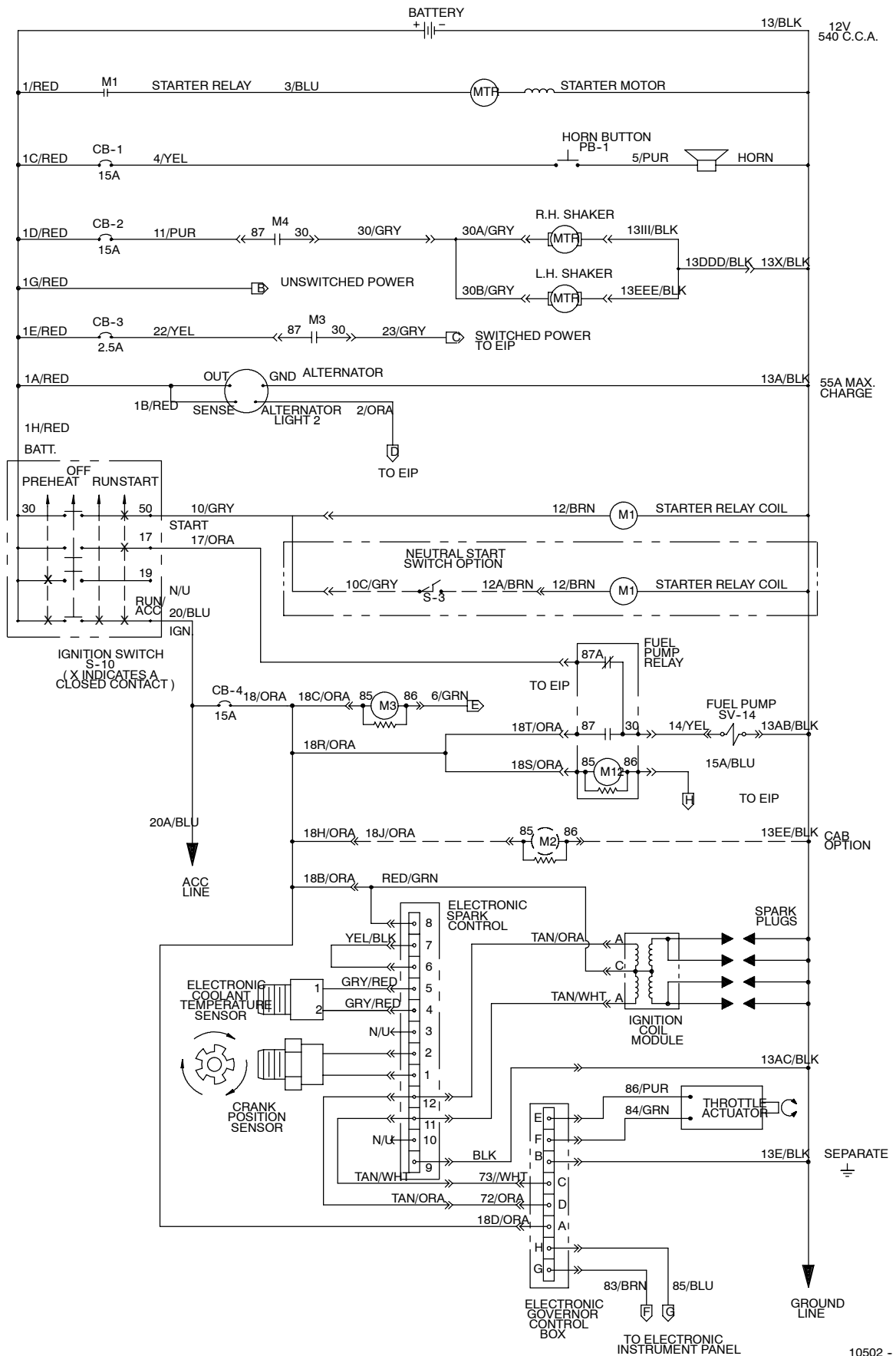
Fig. 86 - Electrical Circuit Breaker and Relay Group



07735 - G, LP

Ref.	Part No.	Serial Number	Description	Qty.
1	56186	(004000-	) Relay, Shrouded, 12 Vdc	8
2	70398	(004000-	) Plate, Mtg, Relay	1
3	70402	(004000-	) Cover, Relay Panel	1
4	57803	(004000-	) Breaker-Circuit, 15 Resetbl	5
5	87583	(004000-	) Breaker-Circuit, 2.5 Resetbl	1
6	57751	(004000-	) Boot-Circuit Breaker	6
7	57167	(004000-	) Plugbtn .62H .03-.12 Blacknyl	3
8	70411	(004000-	) Plate, Circuit Breaker	1
9	76888	(004000-	) Button, Plug 1.25H	1

Fig. 87 - Electrical Schematic (004000-004936)



10502 - G, LP

2-184

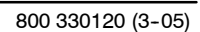
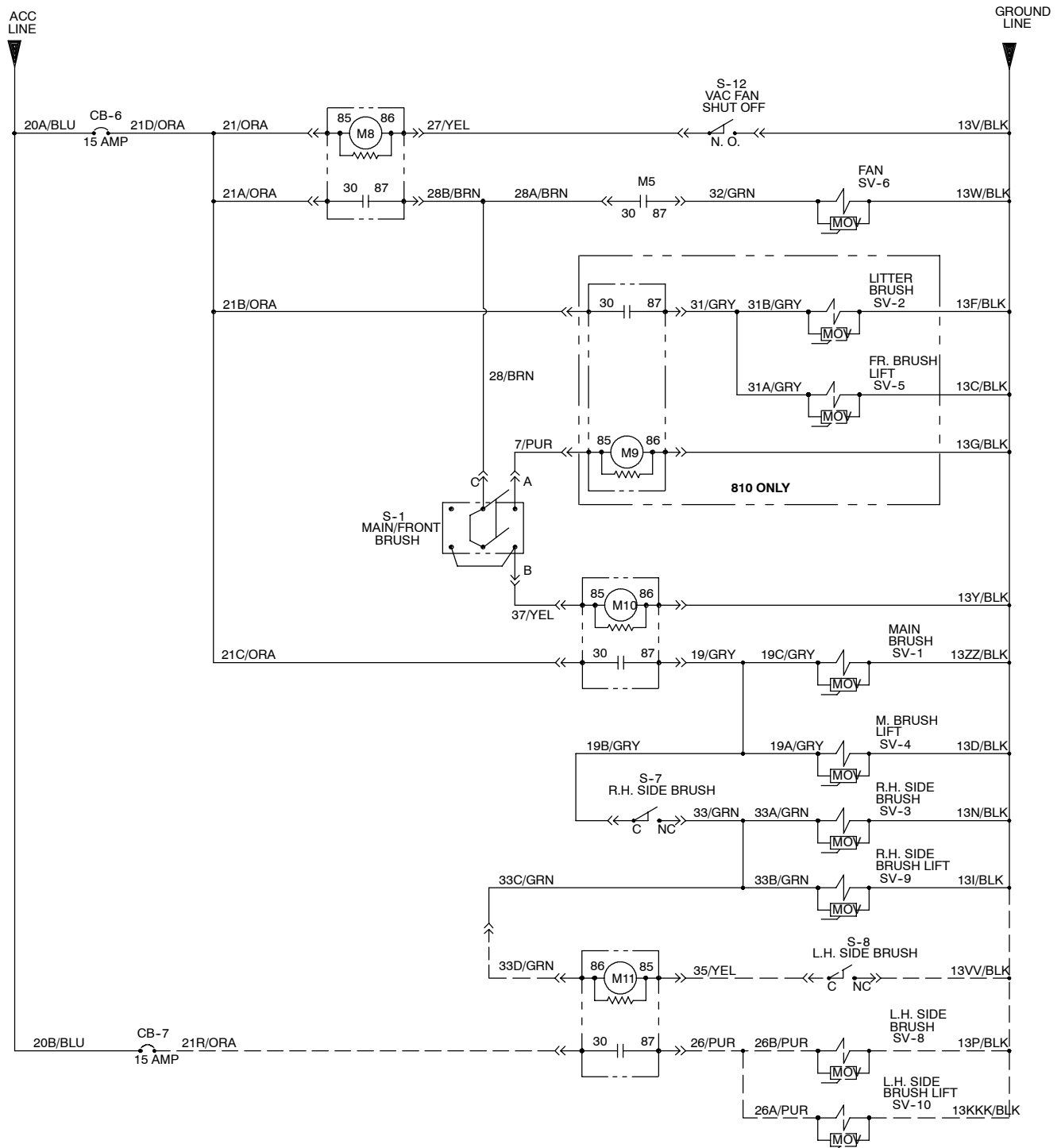
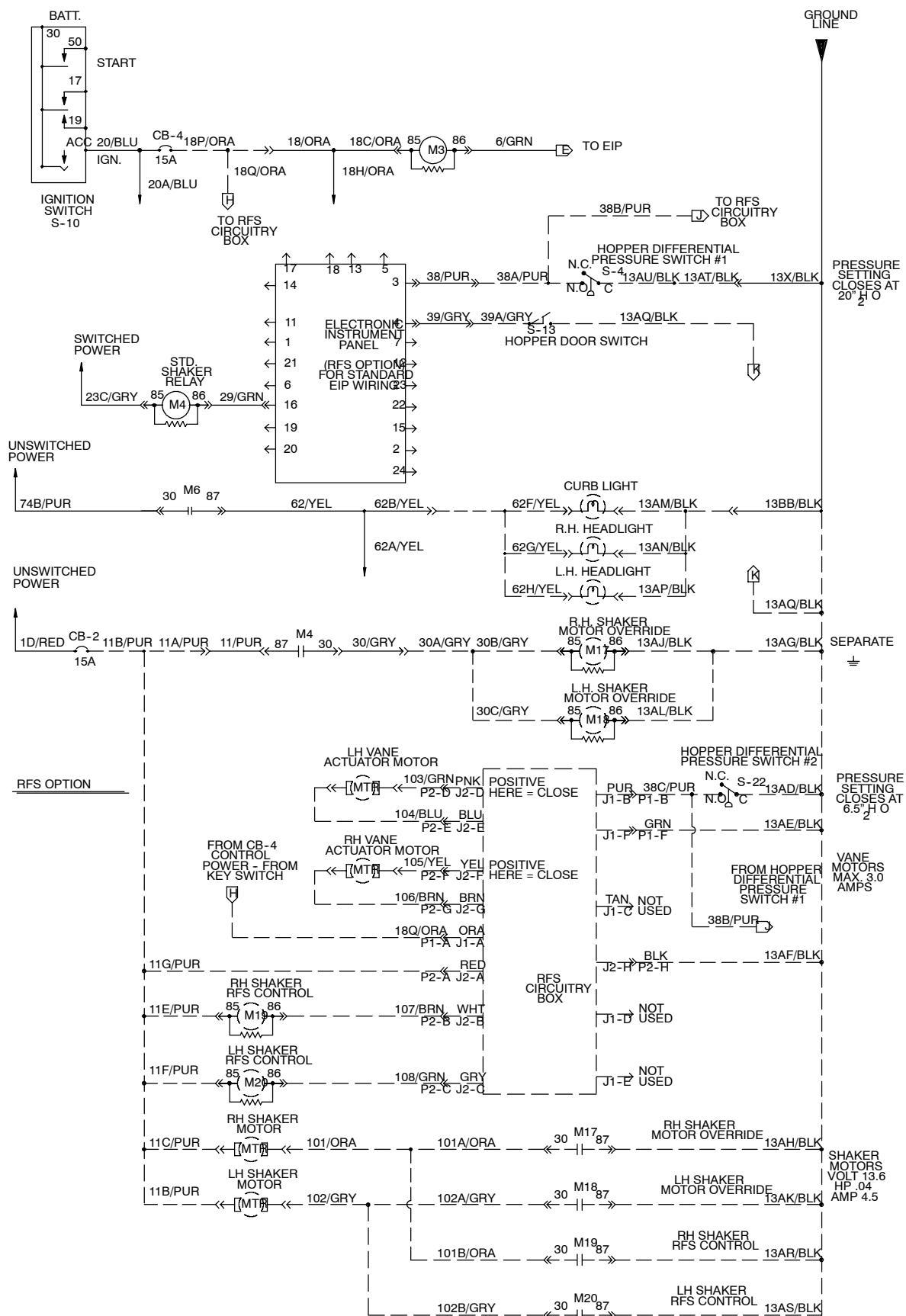


Fig. 87 - Electrical Schematic (004000-004936)



LEGEND			
M	POWER RELAY	HM	HOURLMETER
MTR	MOTOR	SV	SOLENOID VALVE
CB	CIRCUIT BREAKER	S	SWITCH
PM	PERMANENT MAGNET	ACC	ACCESSORY
J	JACK-FEM. SOCKET	GND	GROUND CHASSIS
P	PLUG-MALE PIN	C	COMMON
PB	PUSHBUTTON	N.O.	NORMALLY OPEN
VM	VOLTMETER	N.C.	NORMALLY CLOSED
FU	FUSE	NOV	METAL OXIDE VARISTOR

Fig. 87 - Electrical Schematic (004000-004936)



2-187

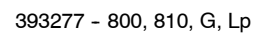


Fig. 88 - Electrical Schematic (004937-005999)

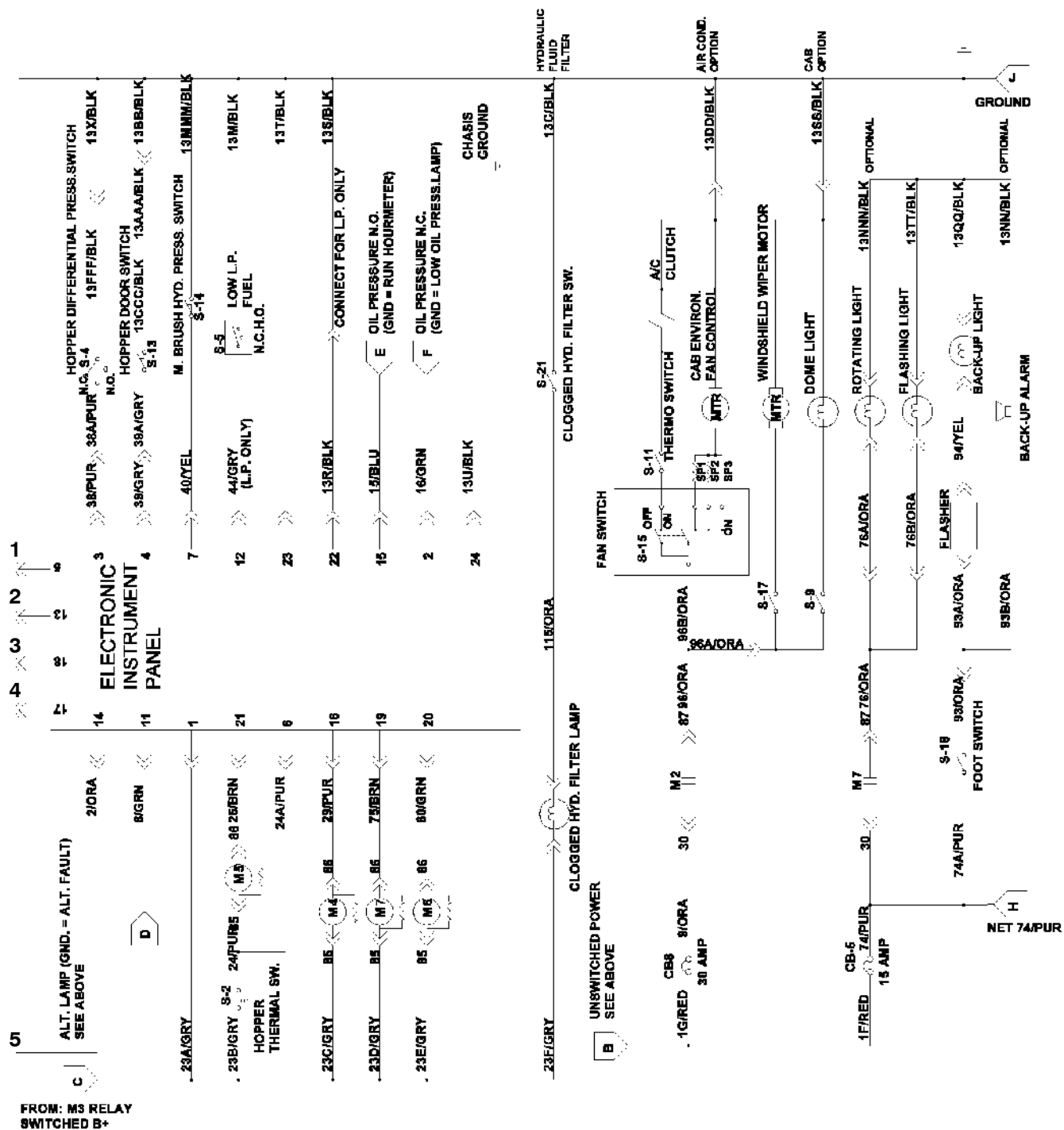
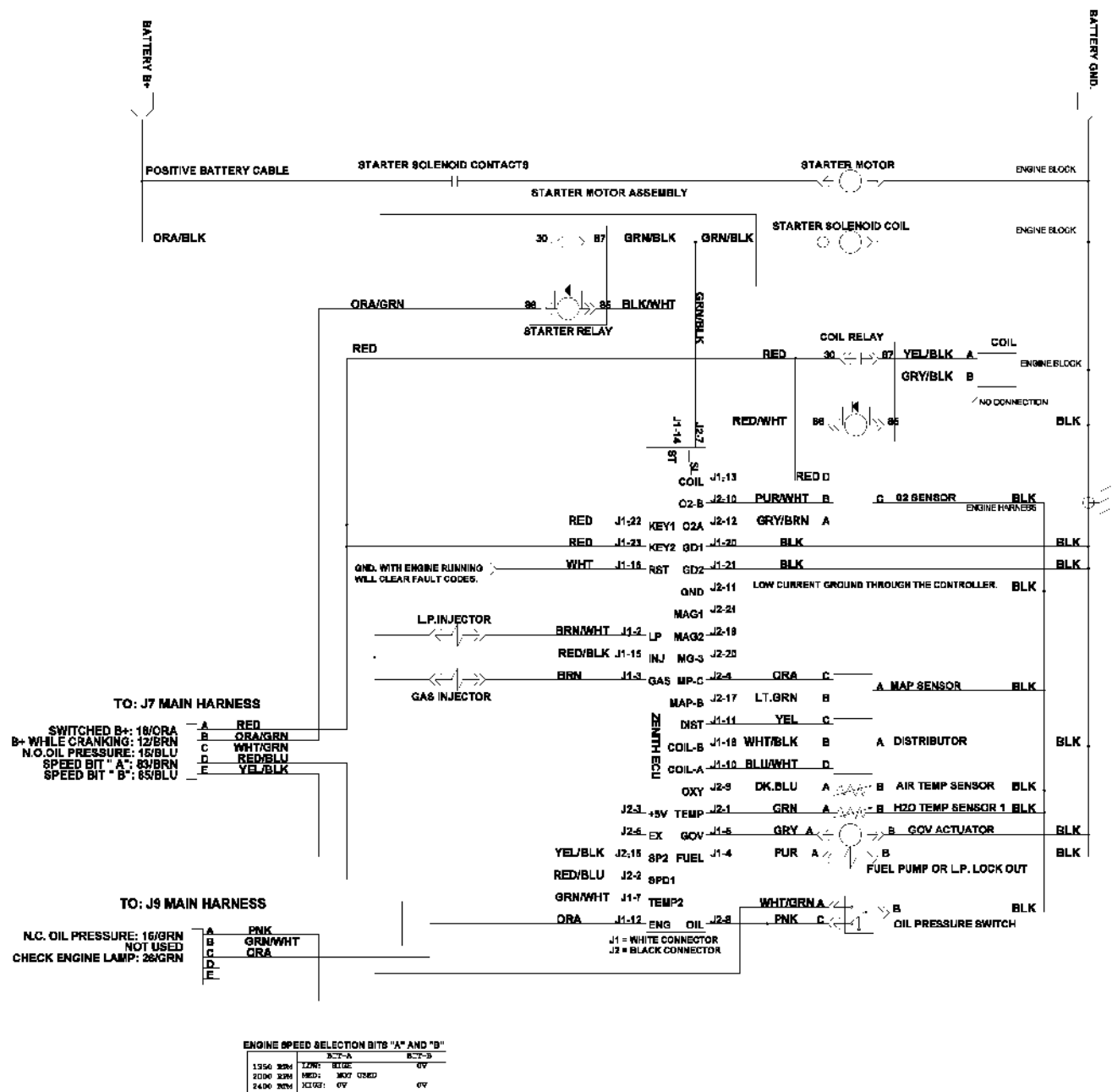


Fig. 88 - Electrical Schematic (004937-005999)



393277 - 800, 810, G, Lp

800 330120 (12-03)



800 330120 (3-05)

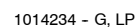


Fig. 89 - Electrical Schematic (006000-)

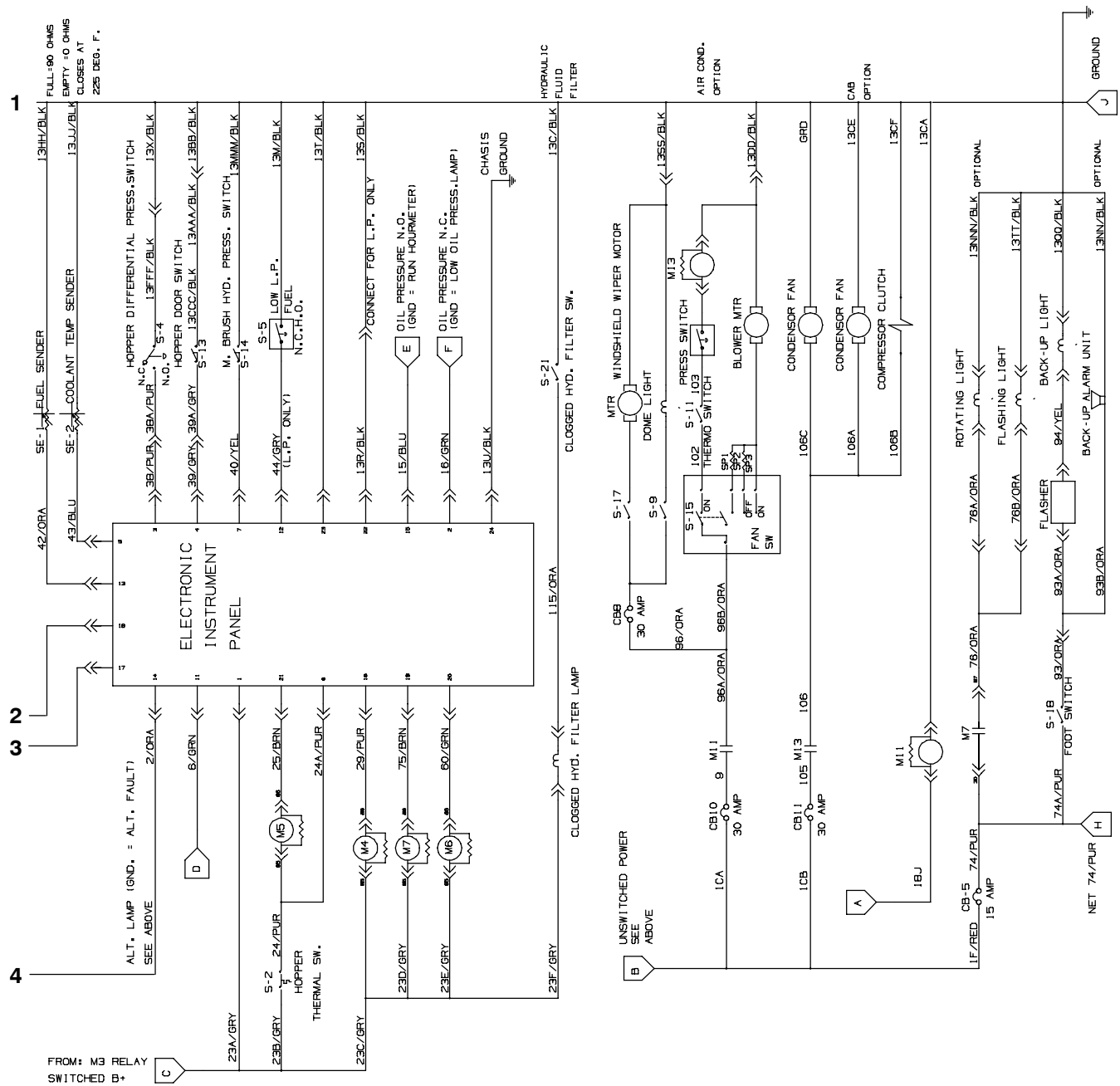


Fig. 89 - Electrical Schematic (006000-)

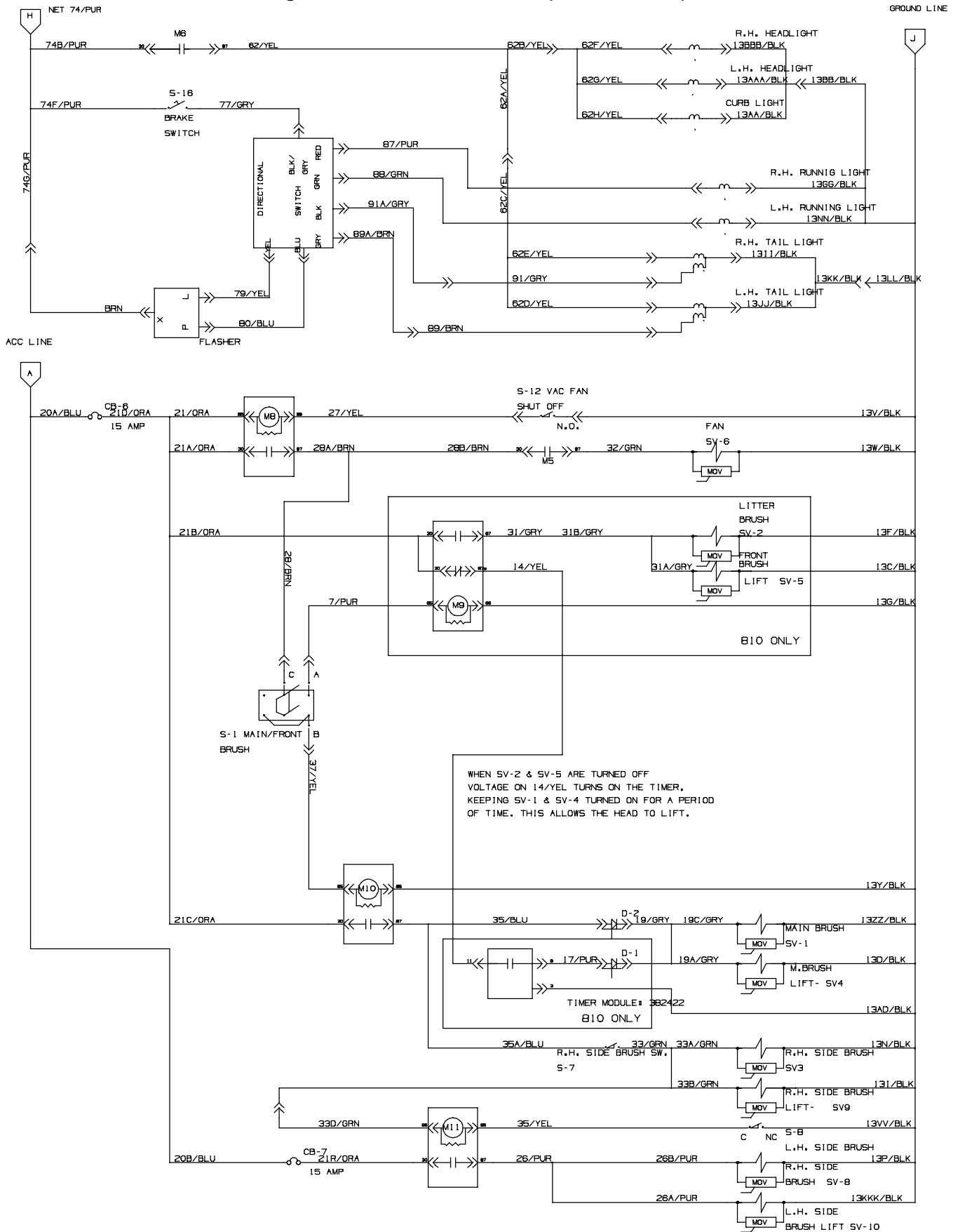


Fig. 89 - Electrical Schematic (006000-)

Fig. 89 - Electrical Schematic (006000-)

CONNECTIONS TO MACHINE

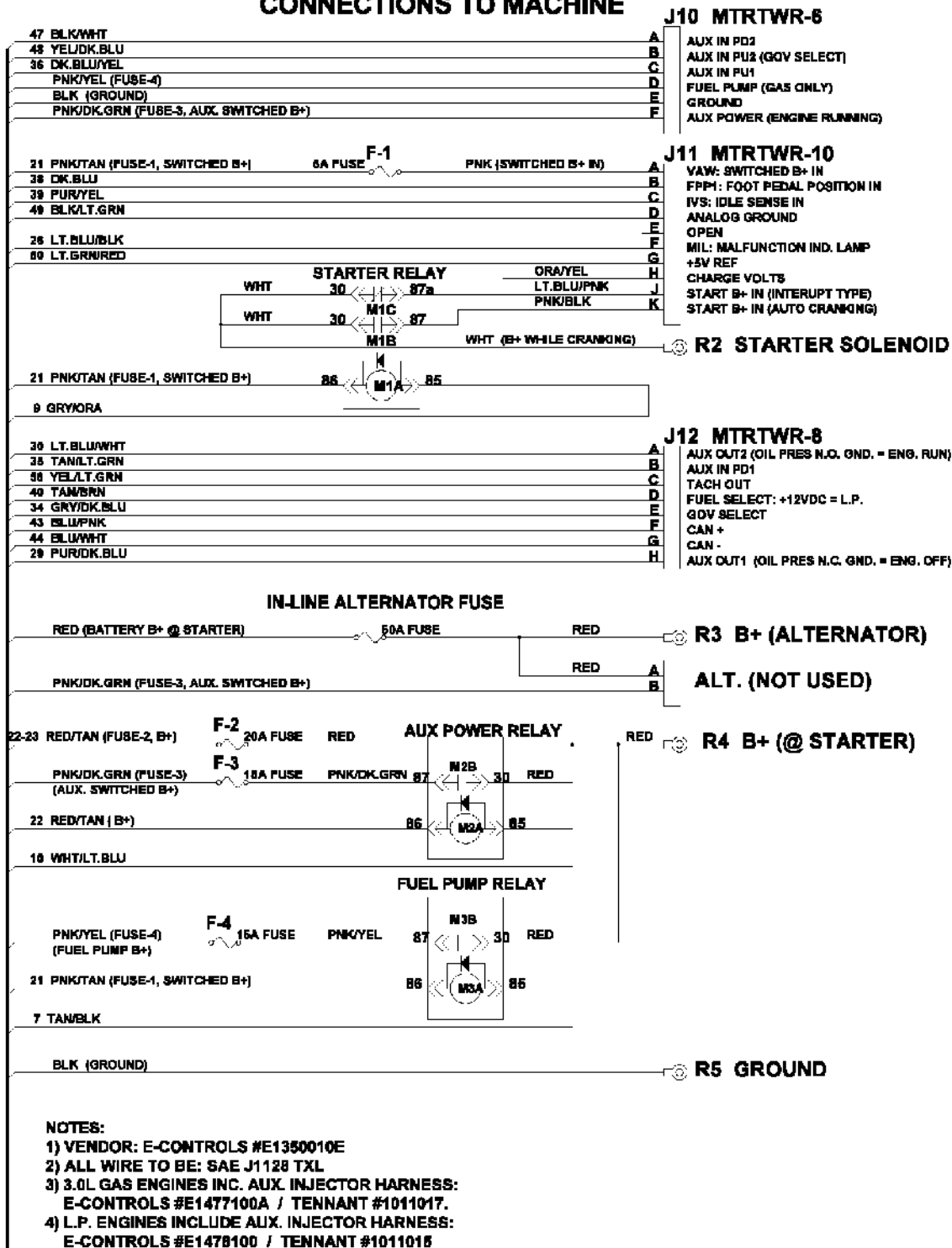


Fig. 90 - Electrical Schematic (006000-)

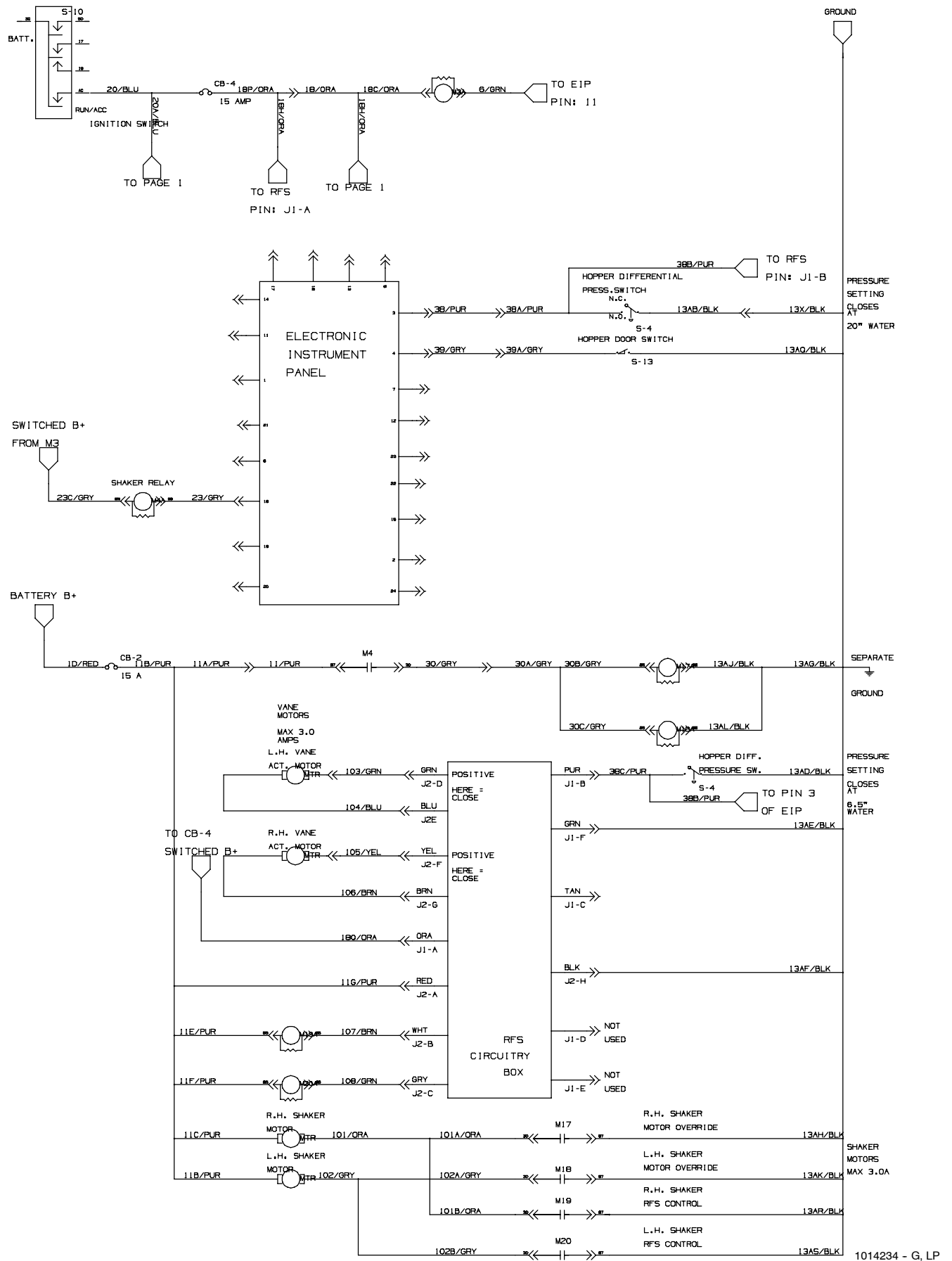


Fig. 91 - Wire Harnesses Group, Gas/LPG, Main (004000- 004274)

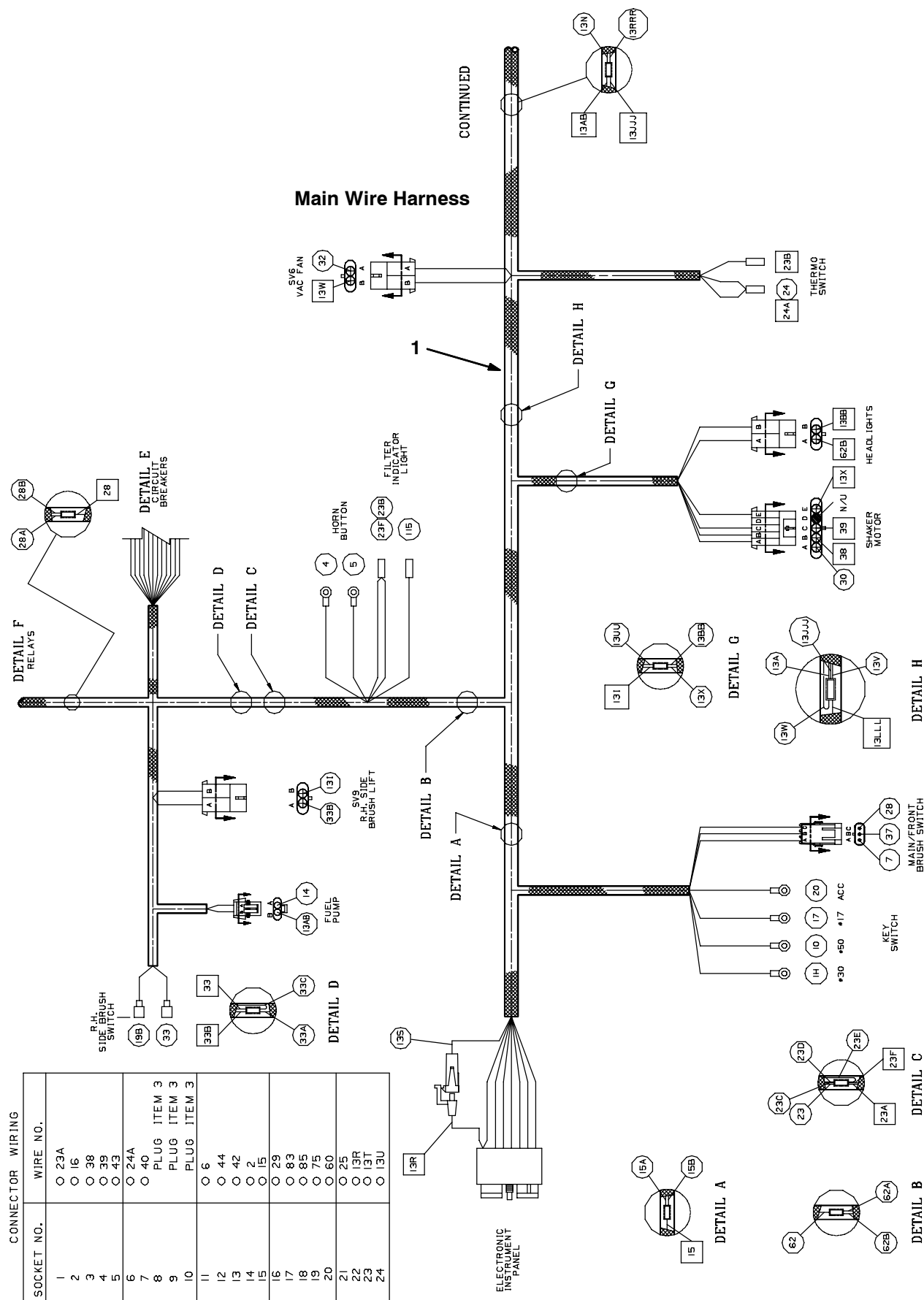


Fig. 91 - Wire Harness Group, Gas/LPG, Main (004000- 004274)

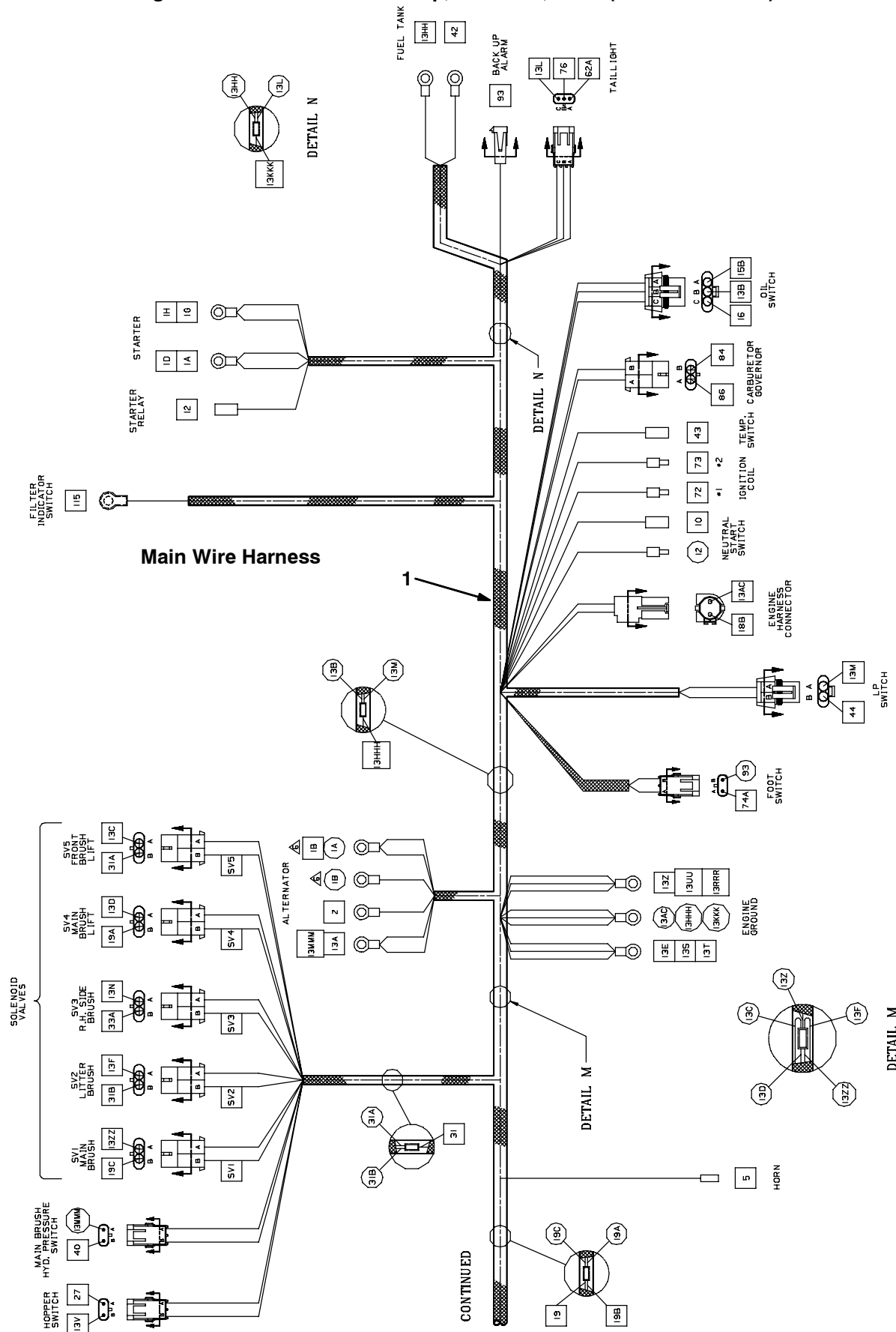


Fig. 91 - Wire Harnesses Group, Gas/LPG, Main (004000- 004274)

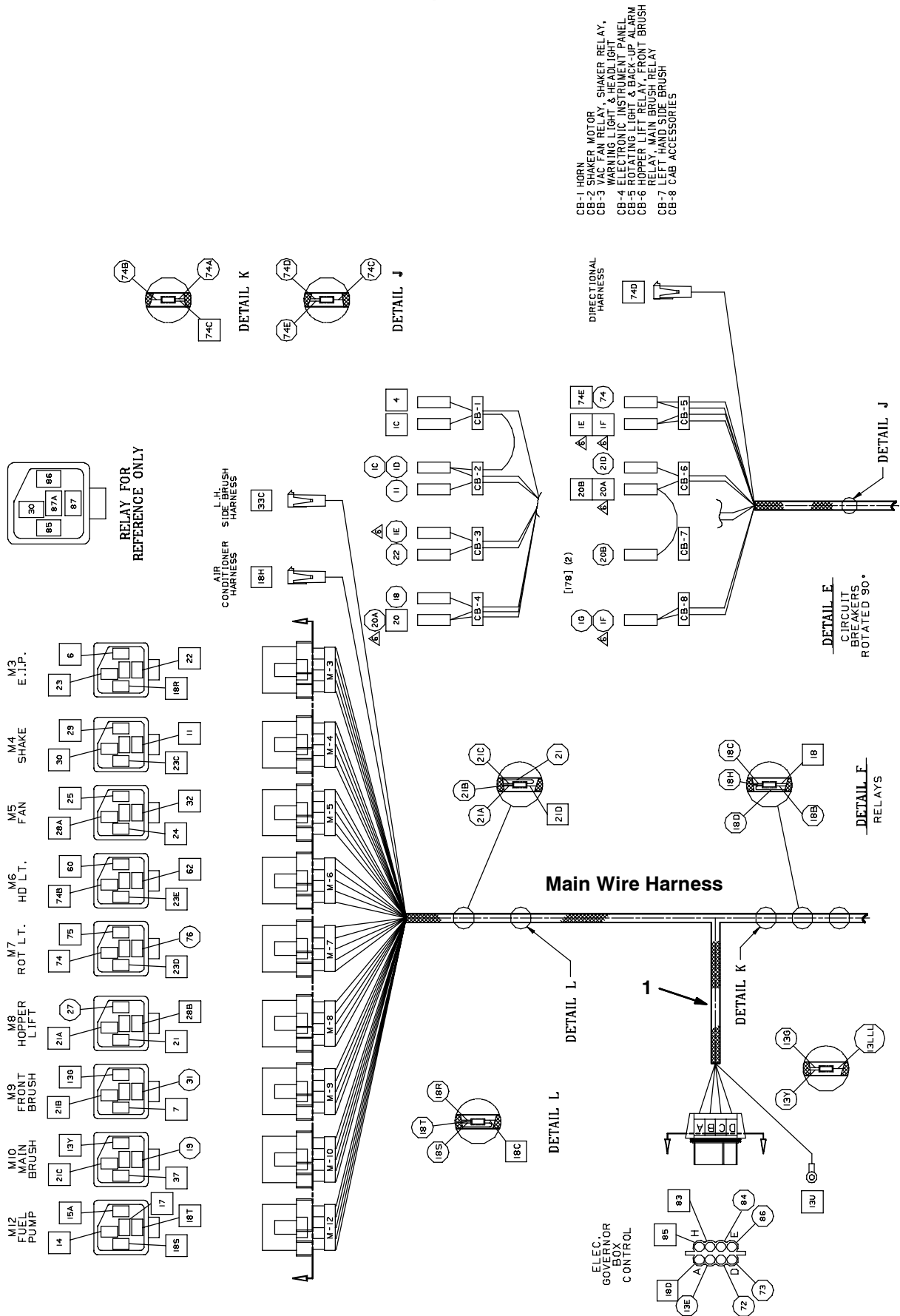
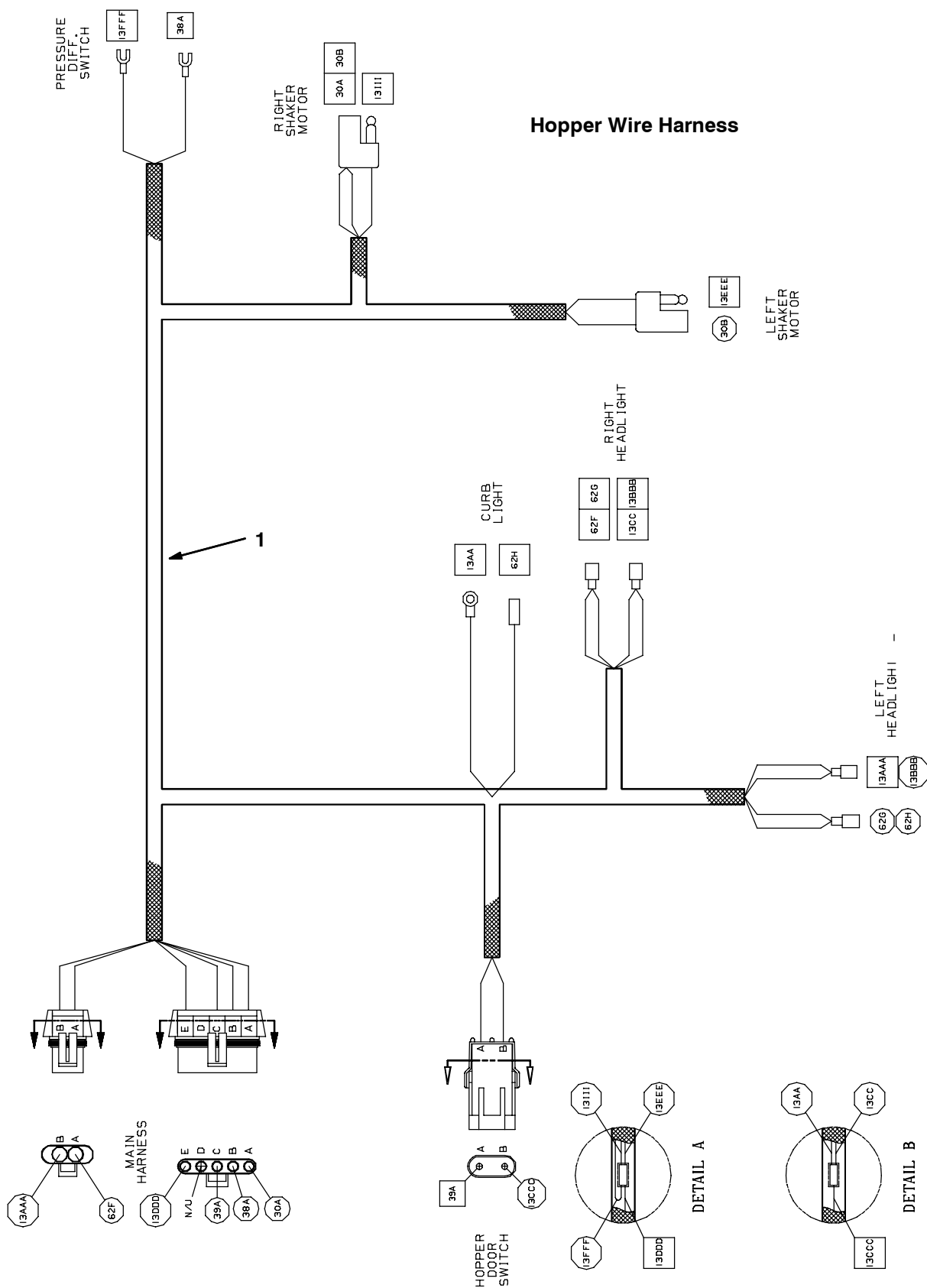


Fig. 91 - Wire Harnesses Group, Gas/LPG, Main (004000- 004274)

Ref.	Part No.	Serial Number	Description	Qty.
1	83693	(004000-004274)	Harness, Main, Gas/LPG, Lrg	1

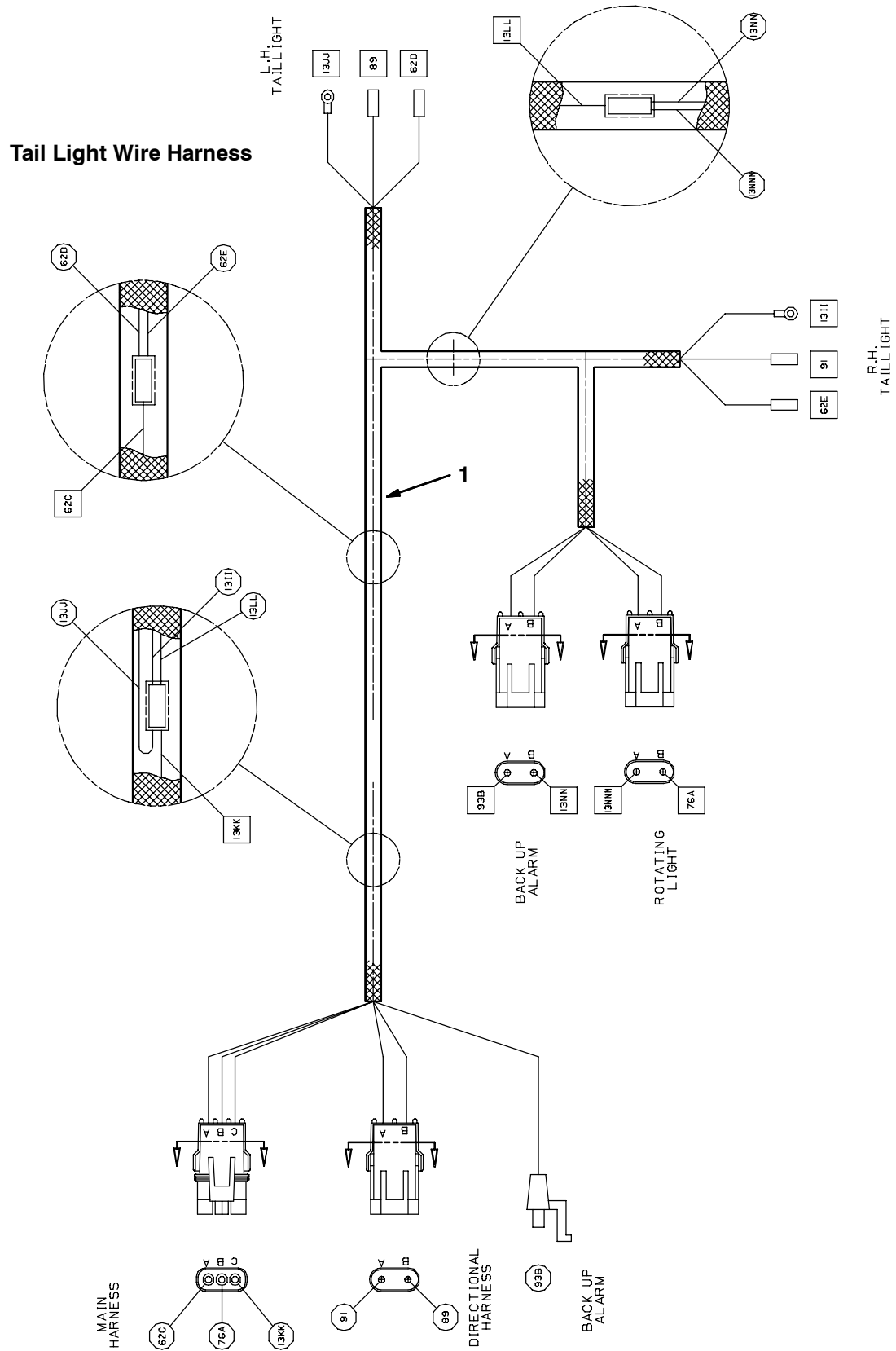
Fig. 92 - Wire Harnesses Group, Gas/LPG, Hopper (004000-)



351144 - G, LP

Ref.	Part No.	Serial Number	Description	Qty.
1	83695	(004000-)	Harness, Hopper 800/810	1

Fig. 93 - Wire Harnesses Group, Gas/LPG, Tail Lights (004000-)



351145 - G, LP

Ref.	Part No.	Serial Number	Description	Qty.
1	70400	(004000-)	Harness, Turn/Rotate/Tail Lights	1

Fig. 94 - Wire Harnesses Group, Gas/LPG, Main (004275-004936)

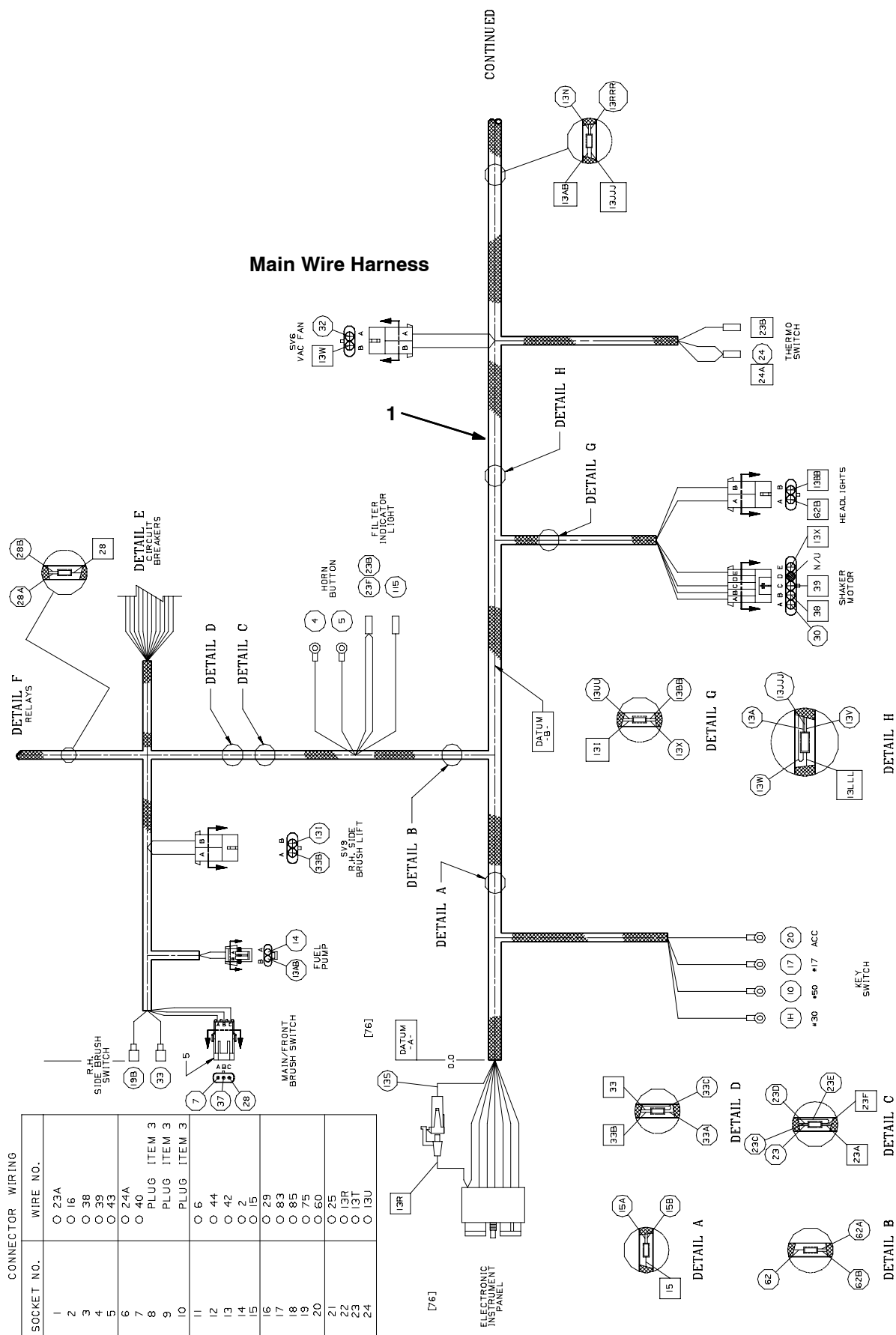


Fig. 94 - Wire Harnesses Group, Gas/LPG, Main (004275-004936)

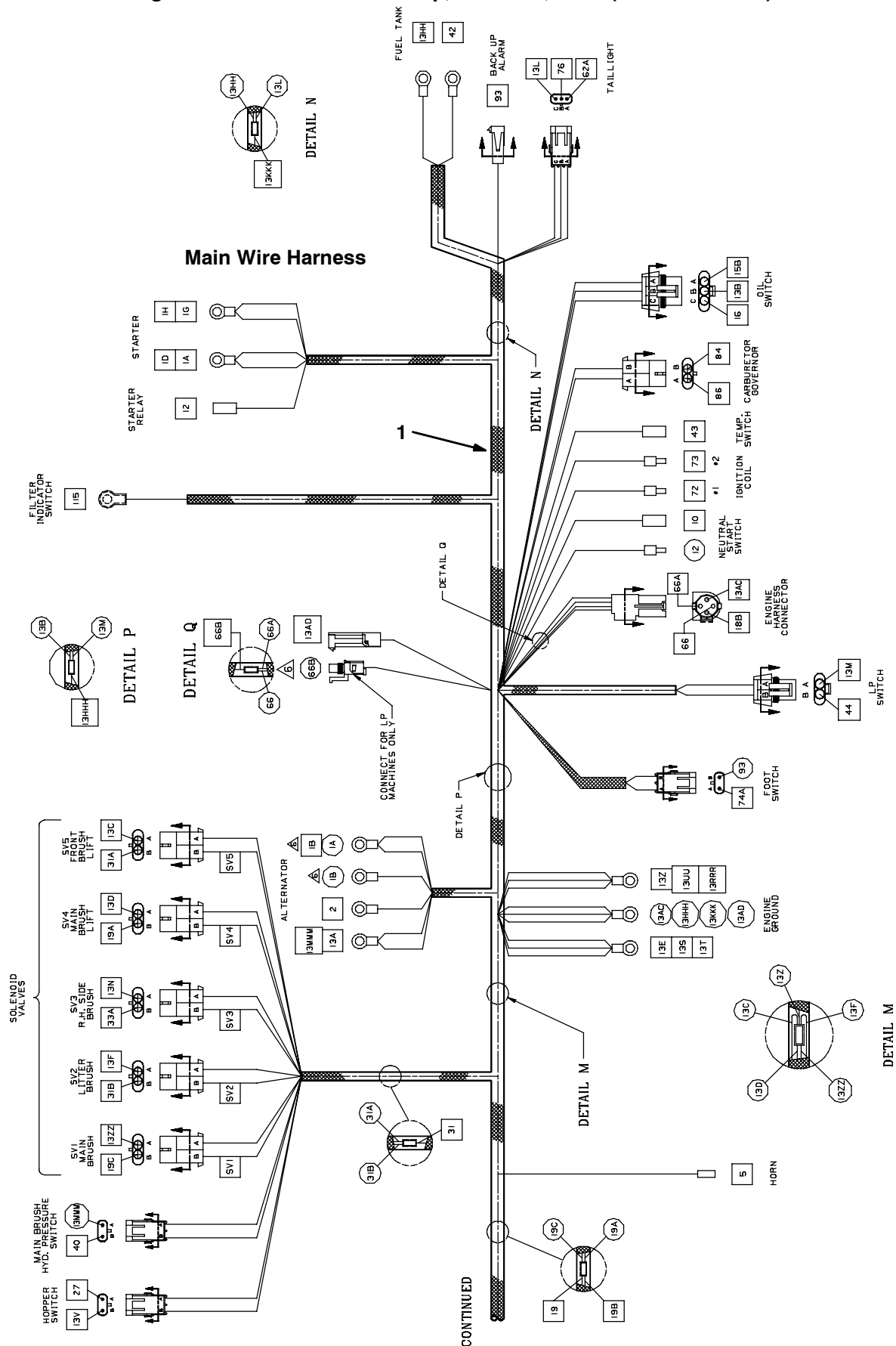


Fig. 94 - Wire Harnesses Group, Gas/LPG, Main (004275-004936)

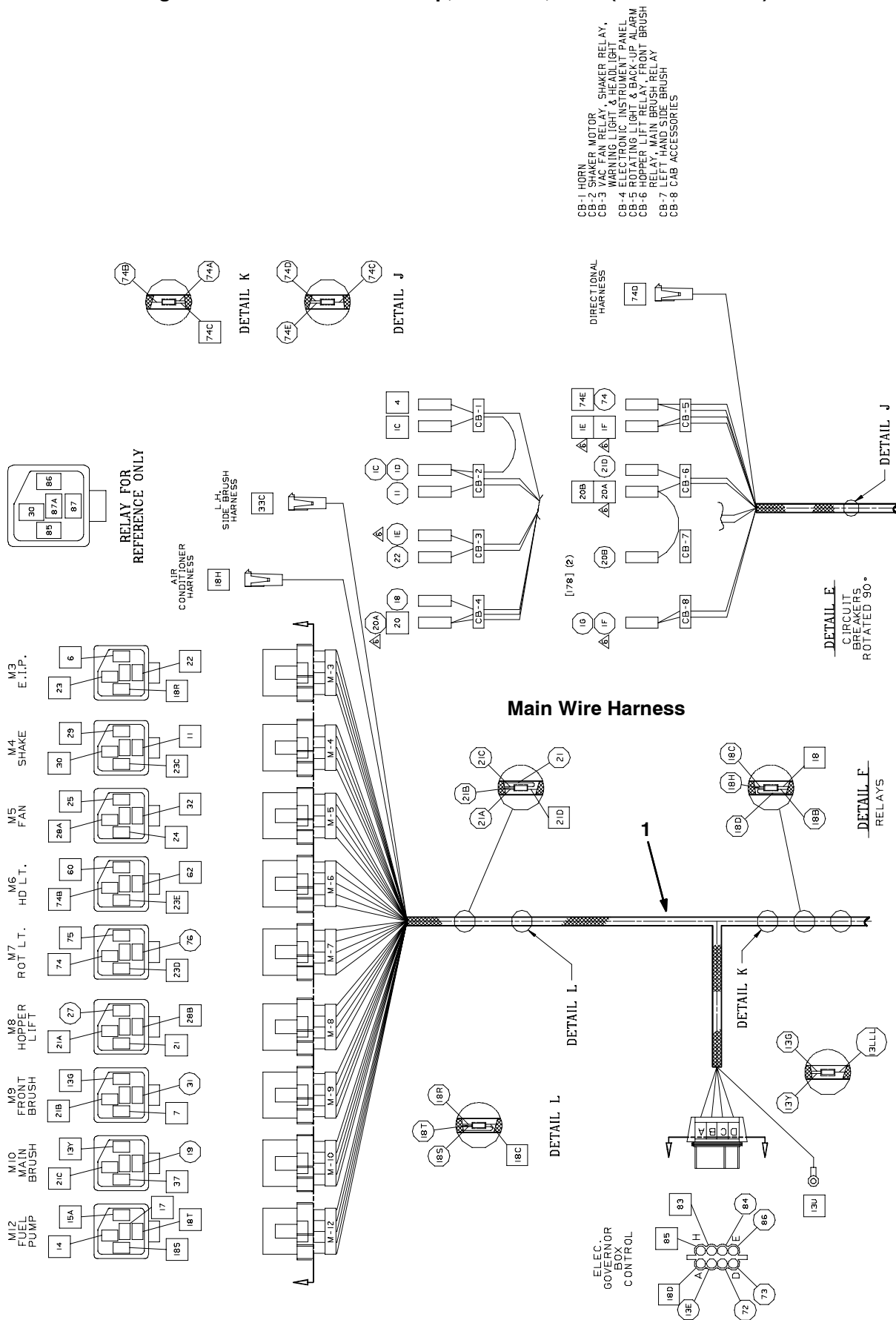


Fig. 94 - Wire Harnesses Group, Gas/LPG, Main (004275-004936)

Ref.	Part No.	Serial Number	Description	Qty.
1	398315	(004275-004936)	Harness, Main, Gas/LPG, Lrg	1

Fig. 95 - Wire Harnesses Group, Gas/LPG, Main (004937-)

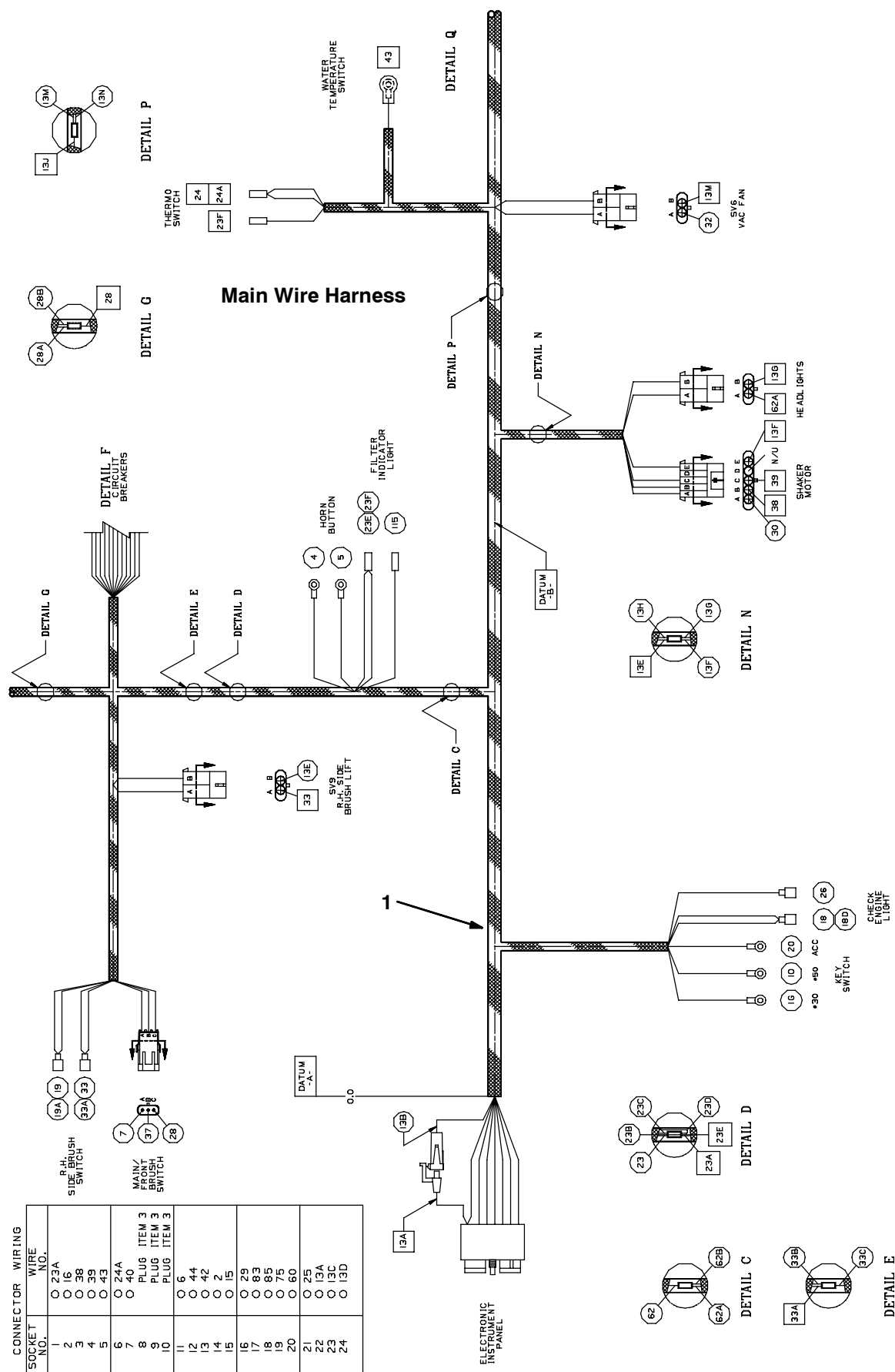


Fig. 95 - Wire Harnesses Group, Gas/LPG, Main (004937-)

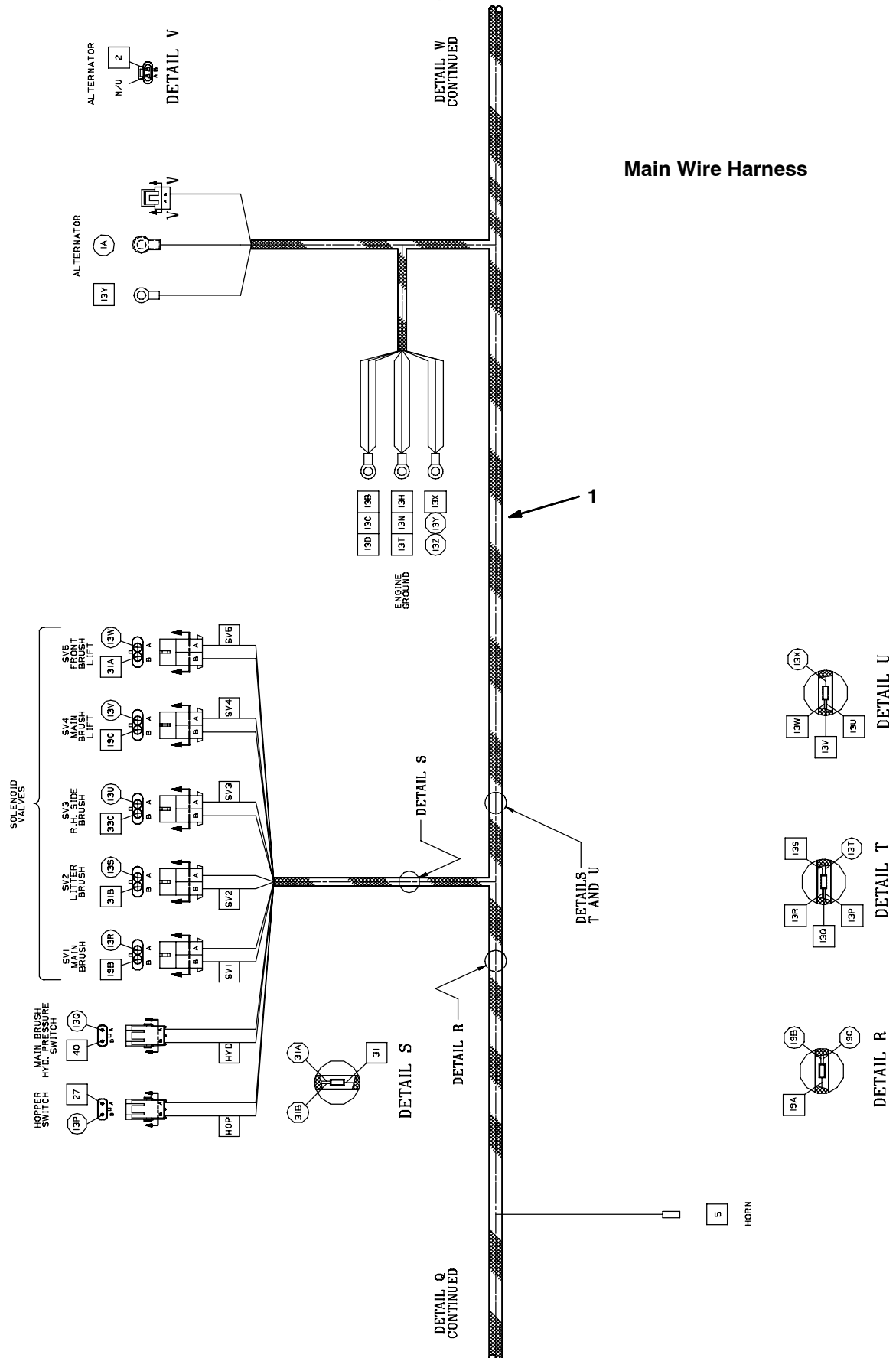


Fig. 95 - Wire Harnesses Group, Gas/LPG, Main (004937-)

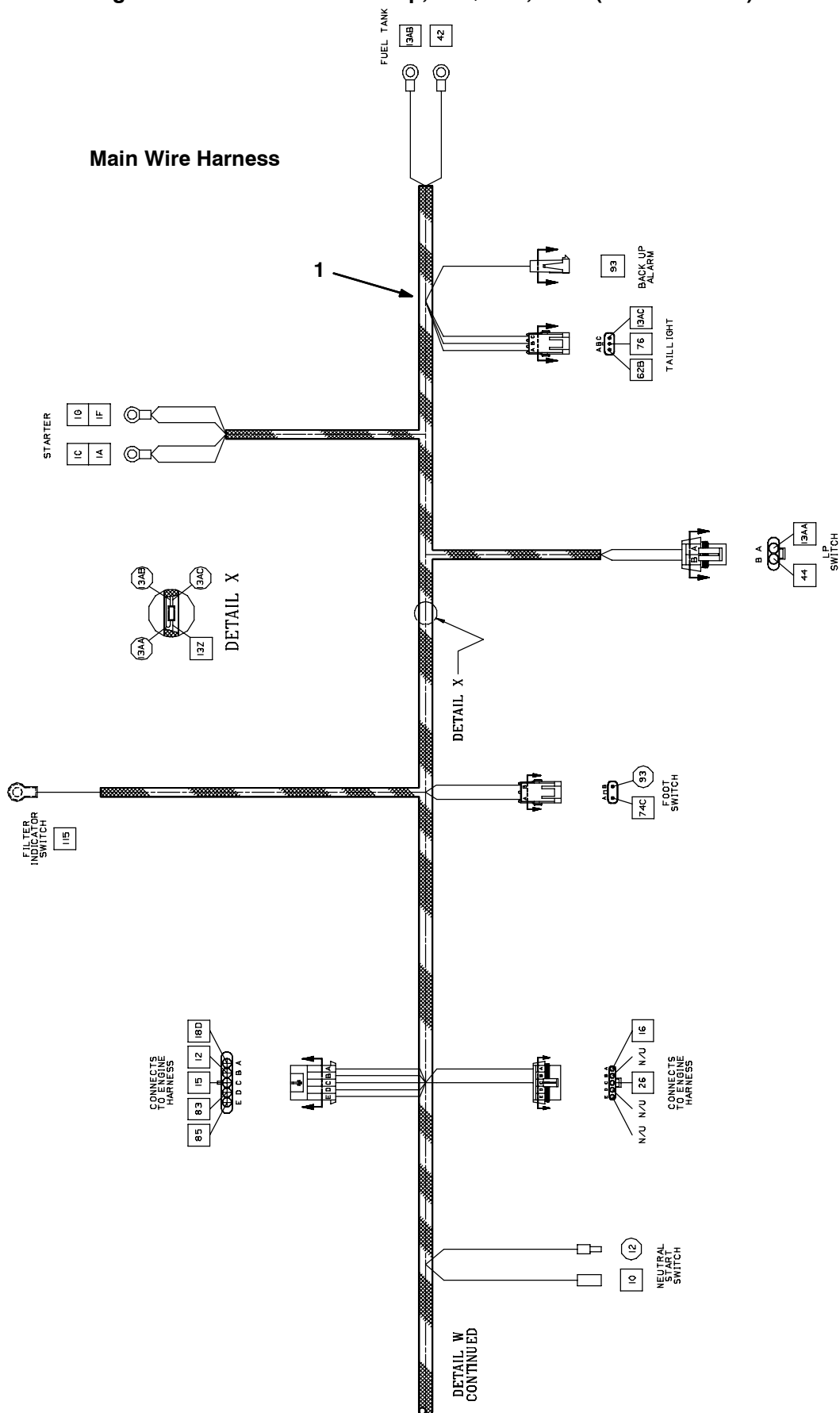


Fig. 95 - Wire Harnesses Group, Gas/LPG, Main (004937-)

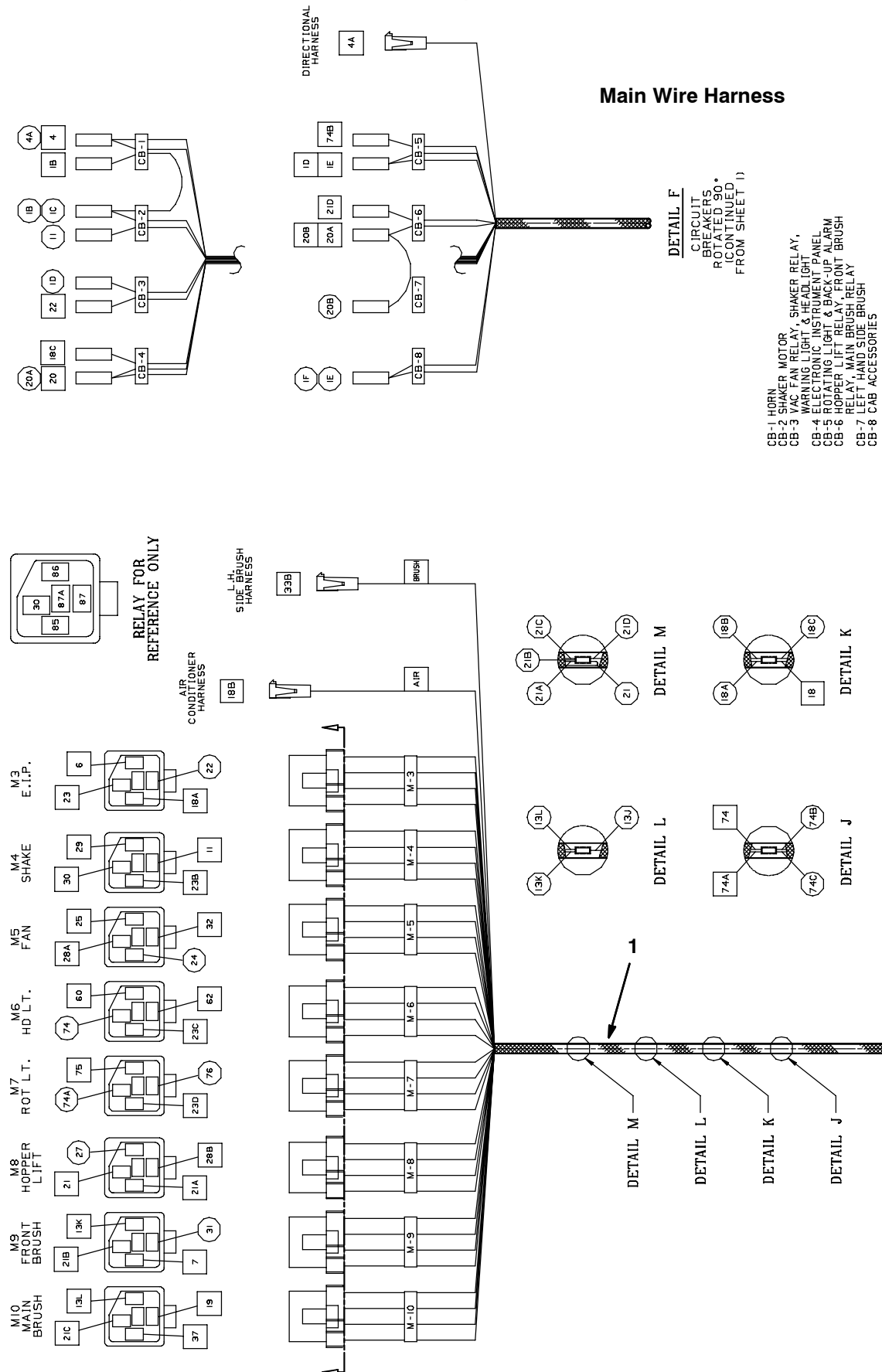


Fig. 95 - Wire Harnesses Group, Gas/LPG Main (004937-)

Ref.	Part No.	Serial Number	Description	Qty.
1	392564	(004937-)	Harness, Main, Gas/LPG, Lrg	1
	371921	(004937-005999)	Harness, Gm 3.0 L Engine Harness	1

Fig. 96 - Wire Harnesses Group, Gas/LPG Engine (006000-006999)

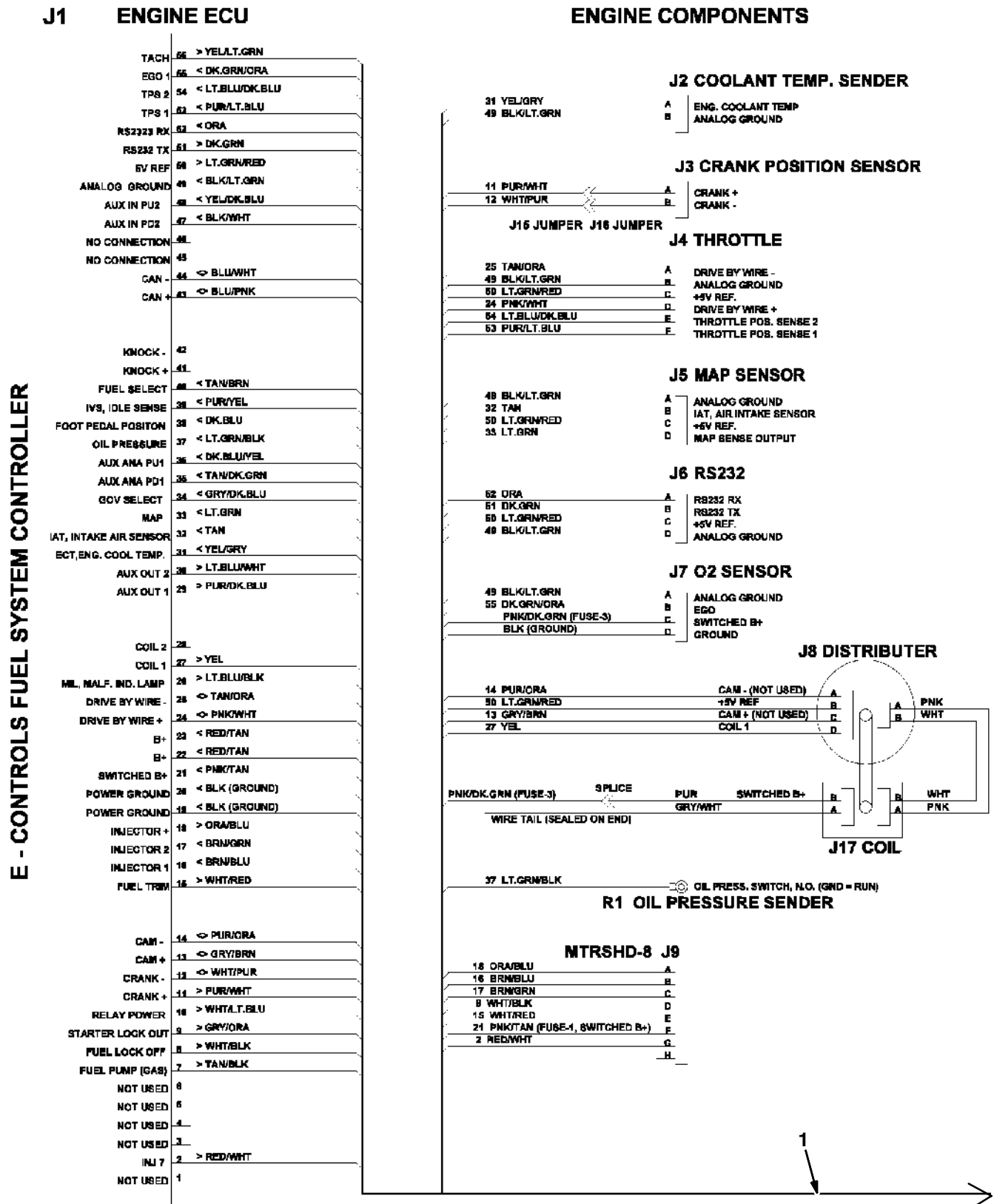


Fig. 96 - Wire Harness Group, Gas/LPG Engine (006000-006999)

CONNECTIONS TO MACHINE

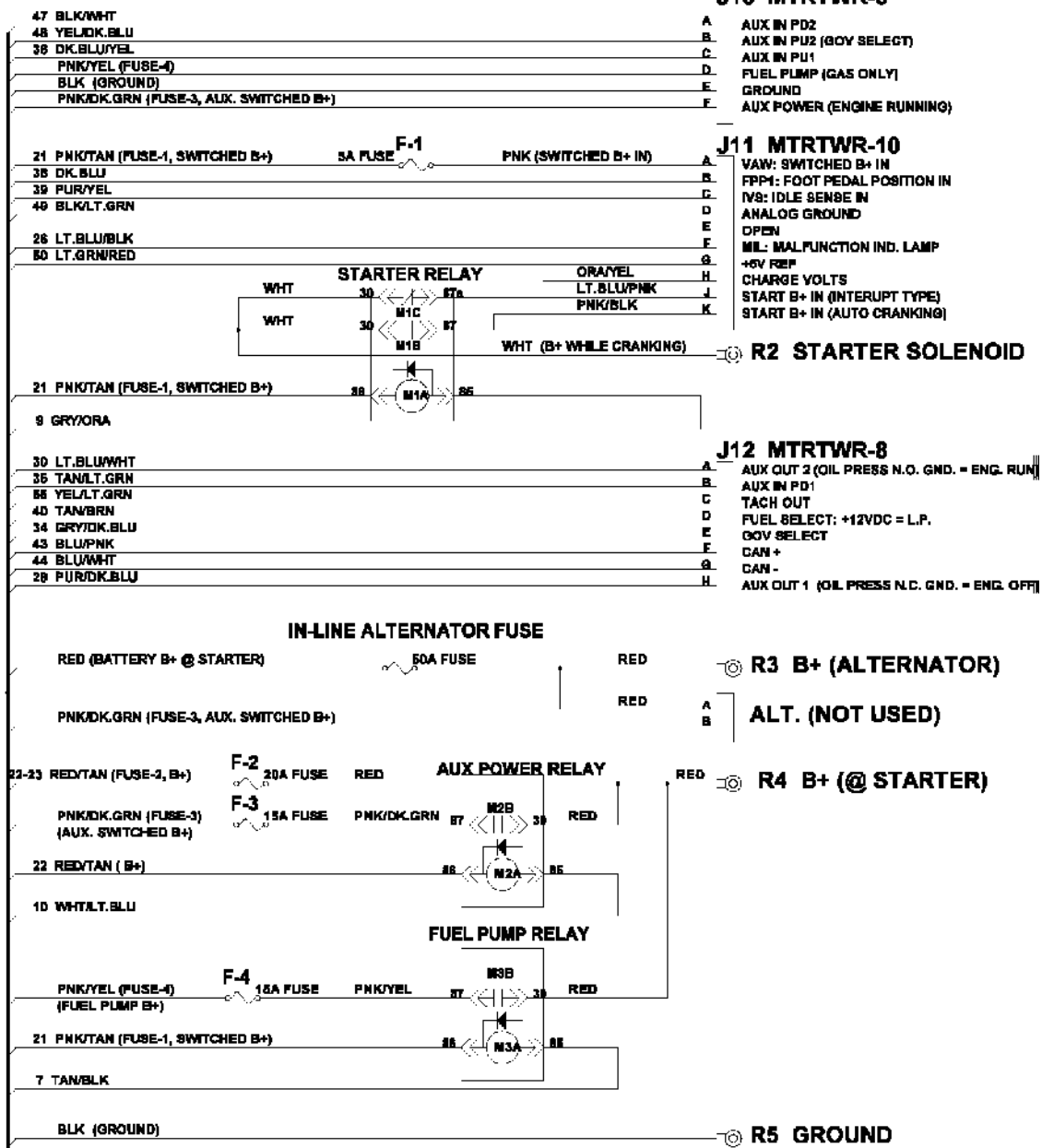
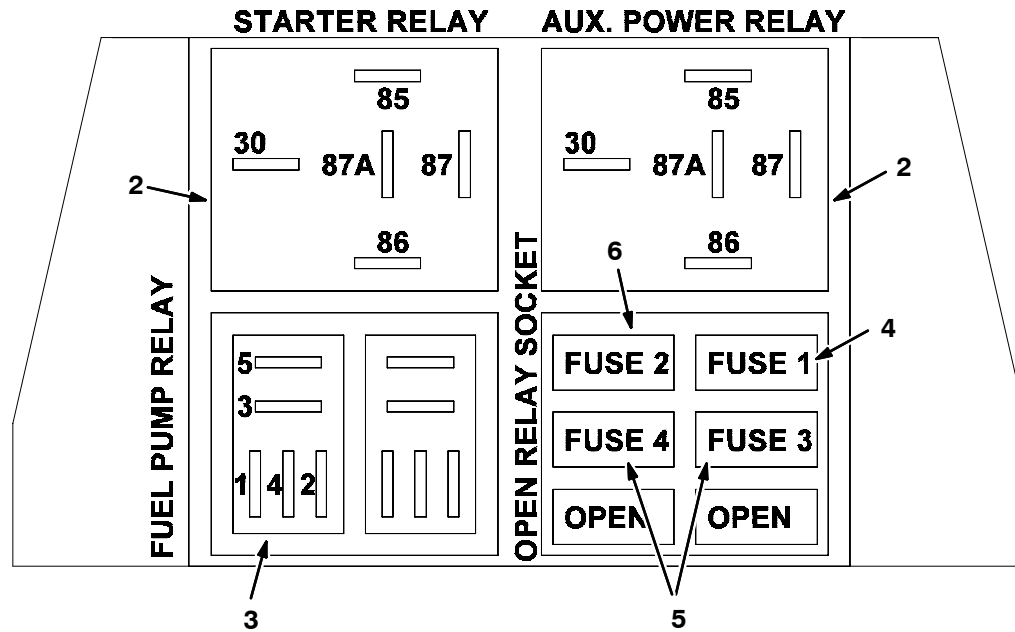


Fig. 96 - Wire Harnesses Group, Gas/LPG Engine (006000-006999)



GM, G, LP

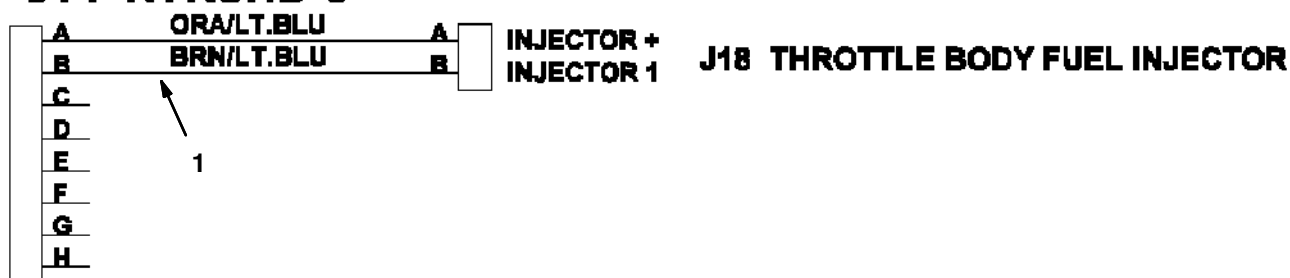
Ref.	Part No.	Serial Number	Description	Qty.
▽	1	1011011	(006000-006999) Harness, Eng [3.0l, Gm, E-cntrl]	1
▲	2	57804	(006000-006999) Relay, 12vdc, 40a, Spdt	2
▲	3	394916	(006000-006999) Relay, 12vdc, 20a, Spdt	1
▲	4	372235	(006000-006999) Fuse, 5 Amp, [Min-5]	1
▲	5	372236	(006000-006999) Fuse, 15 Amp, [Min-15]	2
▲	6	372237	(006000-006999) Fuse, 20 Amp, [Min-20]	1

STANDARD PARTS

Fig. 97 - Wire Harnesses Group, Gas/LPG, Injectors (006000-006999)

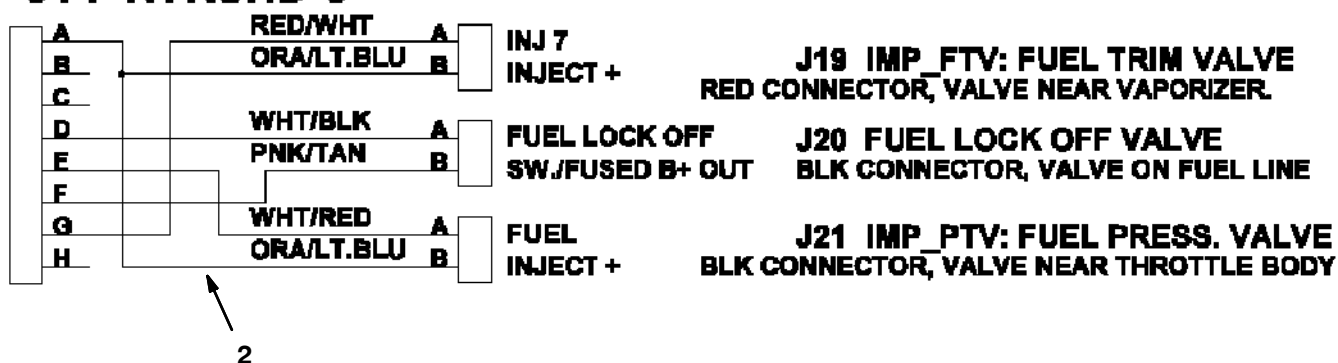
GAS INJECTOR AUX. HARNESS

J14 NTRSHD-8



L.P. DUAL SOL. AUX. HARNESS

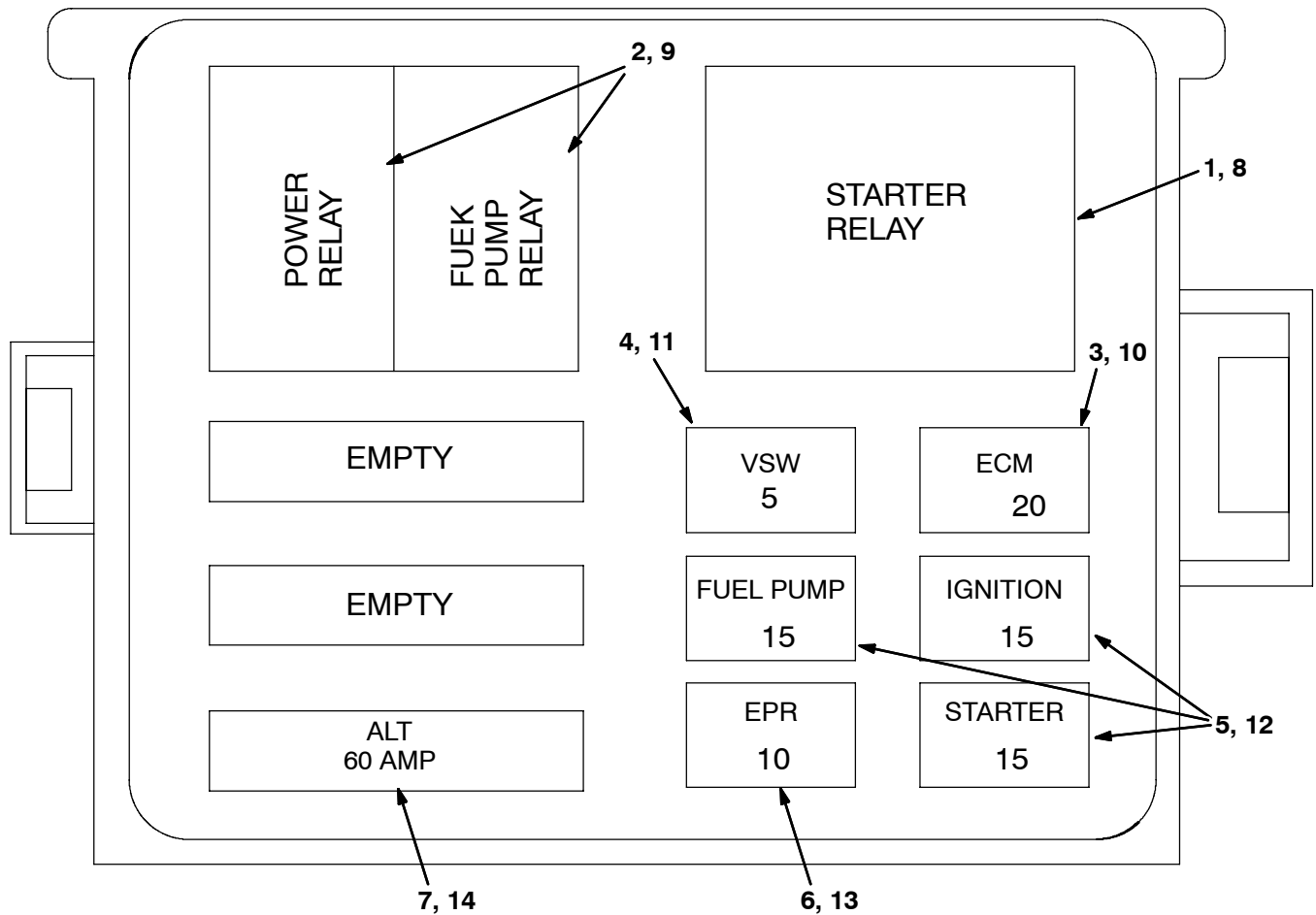
J14 NTRSHD-8



GM, G, LP

Ref.	Part No.	Serial Number	Description	Qty.
1	1011017	(006000-006999)	Harness, Injector, Gas[3.0l Gm,E-Cntrl]	1
2	1011015	(006000-006999)	Harness, Lpg Injector [3.0l, Gm,E-Cont]	1

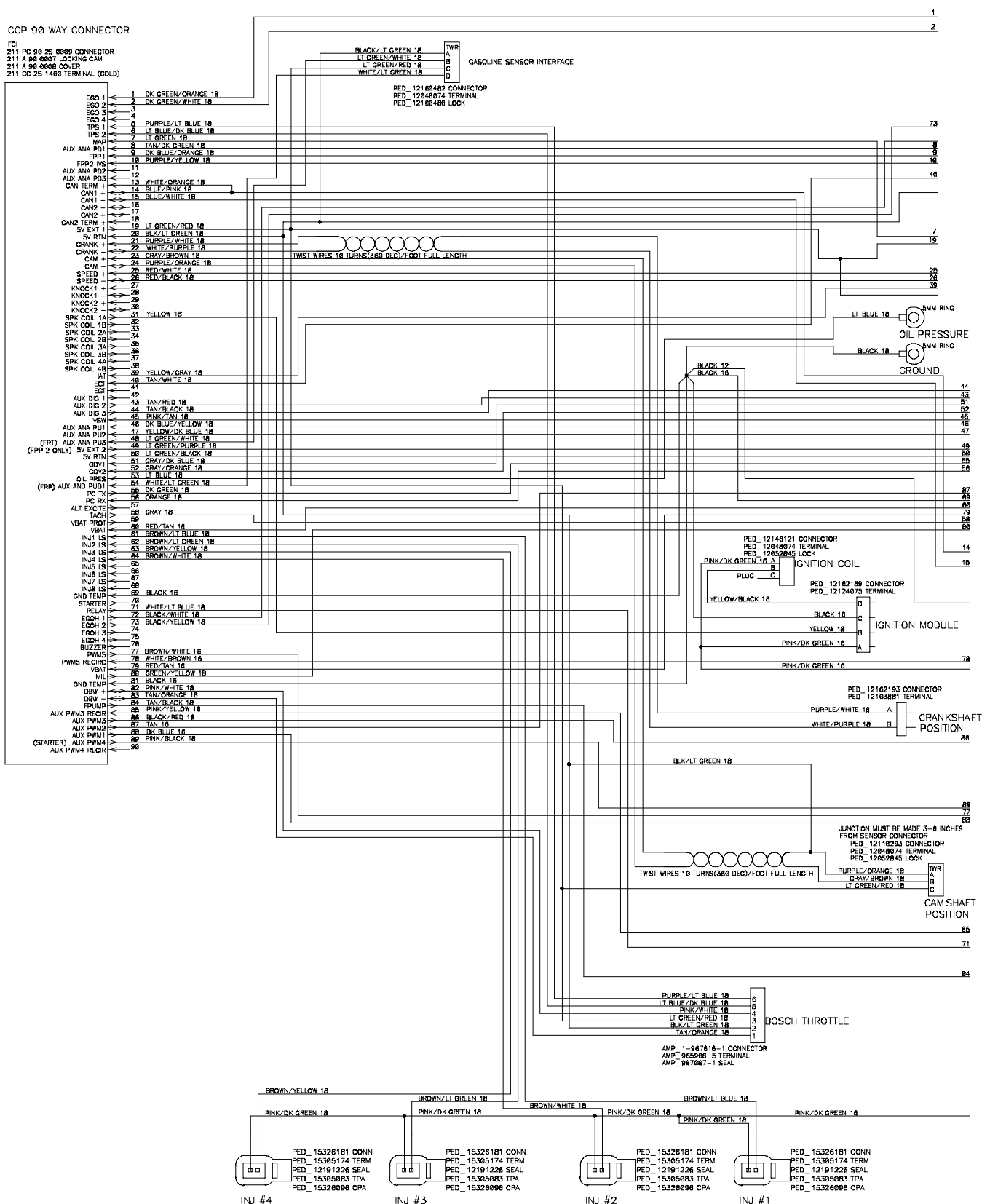
Fig. 98 - Wire Harnesses Group, Gas/LPG Engine (007000-)

Gasoline/LPG Engine Harness
(007000-)

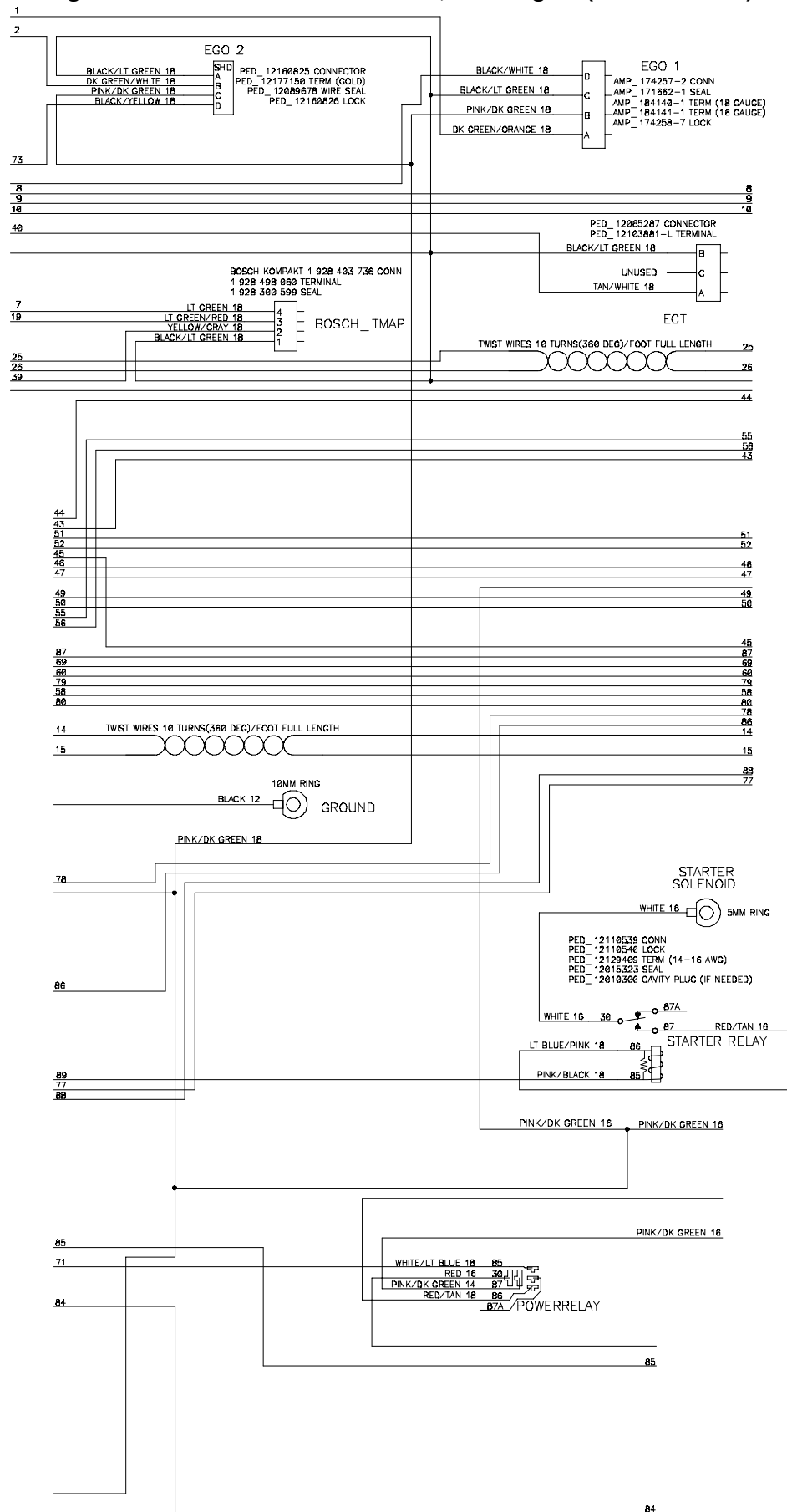
GM, G, LP

Ref.	Part No.	Serial Number	Description	Qty.
▽	385010	(007000-)	Harness, Eng, Gas [3.0l 2007]	1
▲	1 394916	(007000-)	Relay, 12vdc, 20a, Spdt	1
▲	2 57804	(007000-)	Relay, 12vdc, 40a, Spdt	2
▲	3 372237	(007000-)	Fuse, 20 Amp, [Min-20]	1
▲	4 372235	(007000-)	Fuse, 5 Amp, [Min-5]	1
▲	5 372236	(007000-)	Fuse, 15 Amp, [Min-15]	2
▲	6 384999	(007000-)	Fuse, 10 Amp	1
▲	7 384998	(007000-)	Fuse, 60 Amp	1
▽	385018	(007000-)	Harness, Eng, Lpg [3.0l 2007]	1
▲	8 394916	(007000-)	Relay, 12vdc, 20a, Spdt	1
▲	9 57804	(007000-)	Relay, 12vdc, 40a, Spdt	2
▲	10 372237	(007000-)	Fuse, 20 Amp, [Min-20]	1
▲	11 372235	(007000-)	Fuse, 5 Amp, [Min-5]	1
▲	12 372236	(007000-)	Fuse, 15 Amp, [Min-15]	2
▲	13 384999	(007000-)	Fuse, 10 Amp	1
▲	14 384998	(007000-)	Fuse, 60 Amp	1

Fig. 99 - Wire Harness Schematic, Gas Engine (007000-)



2-219



STANDARD PARTS

Fig. 99 - Wire Harnesses Schematic, Gas Engine (007000-)

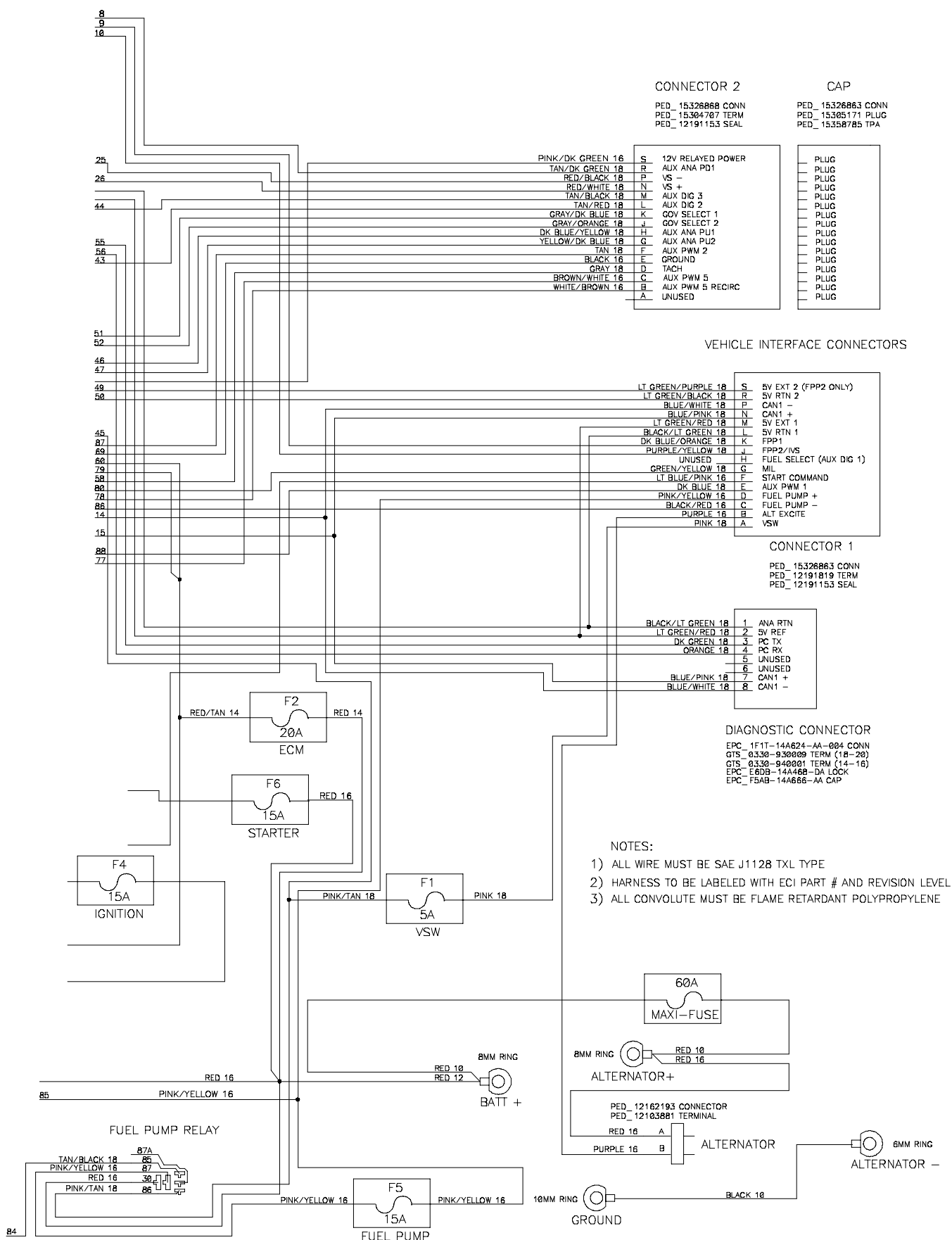


Fig. 100 - Wire Harnesses Schematic, LPG Engine (007000-)

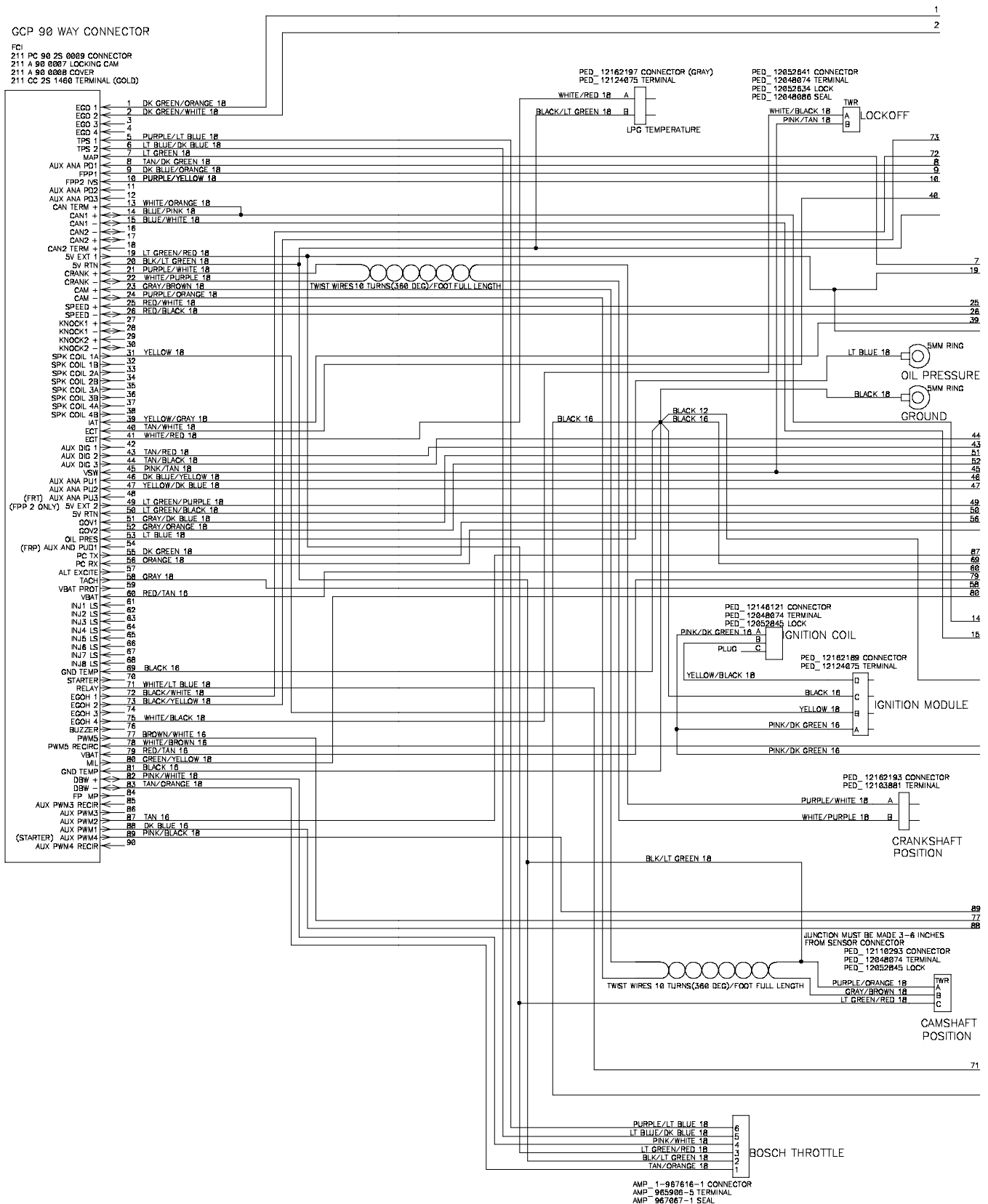


Fig. 100 - Wire Harnesses Schematic, LPG Engine (007000-)

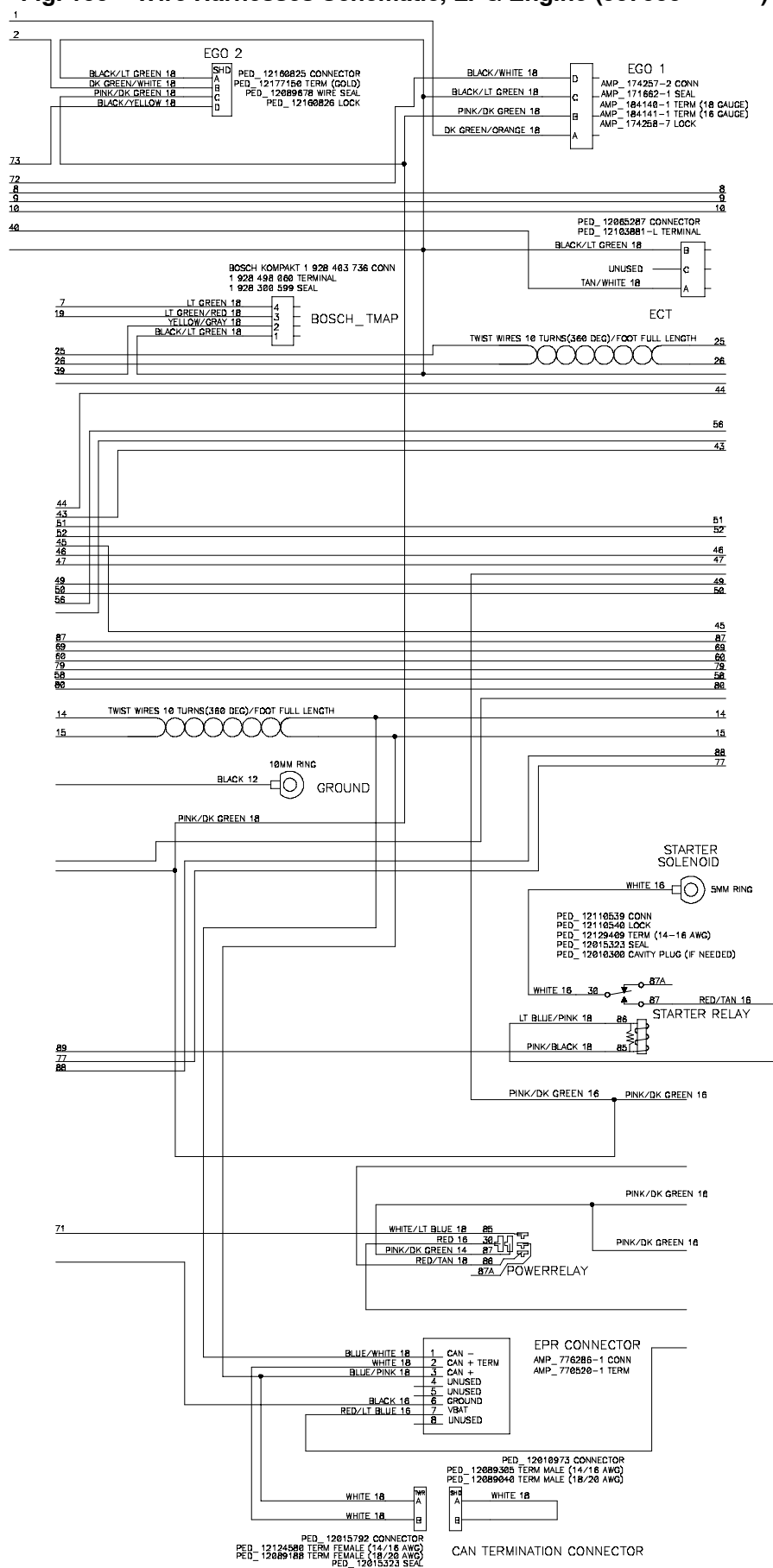


Fig. 100 - Wire Harnesses Schematic, LPG Engine (007000-)

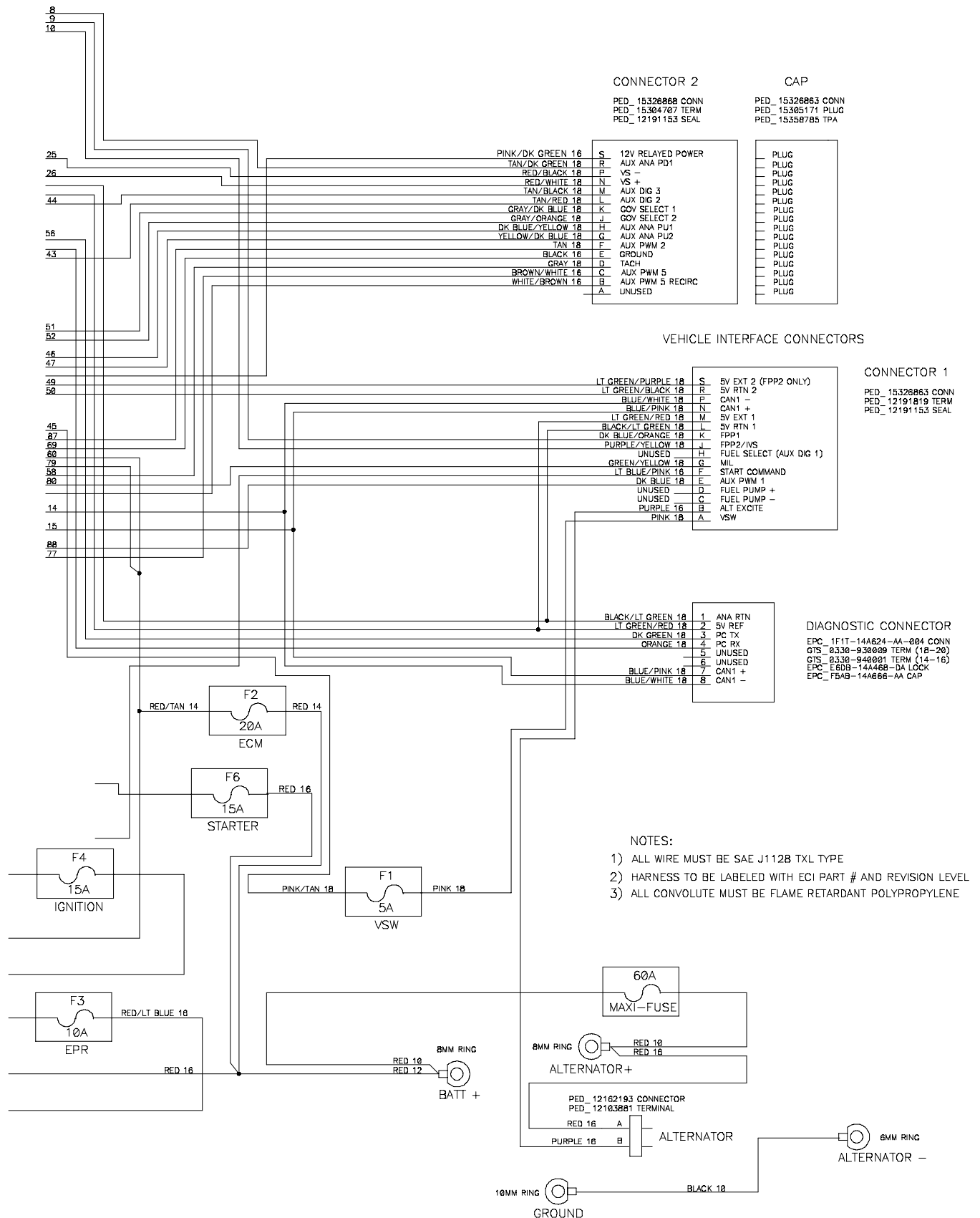


Fig. 101 - Wire Harnesses Group, Gas/LPG, Adaptor (006000-006999)

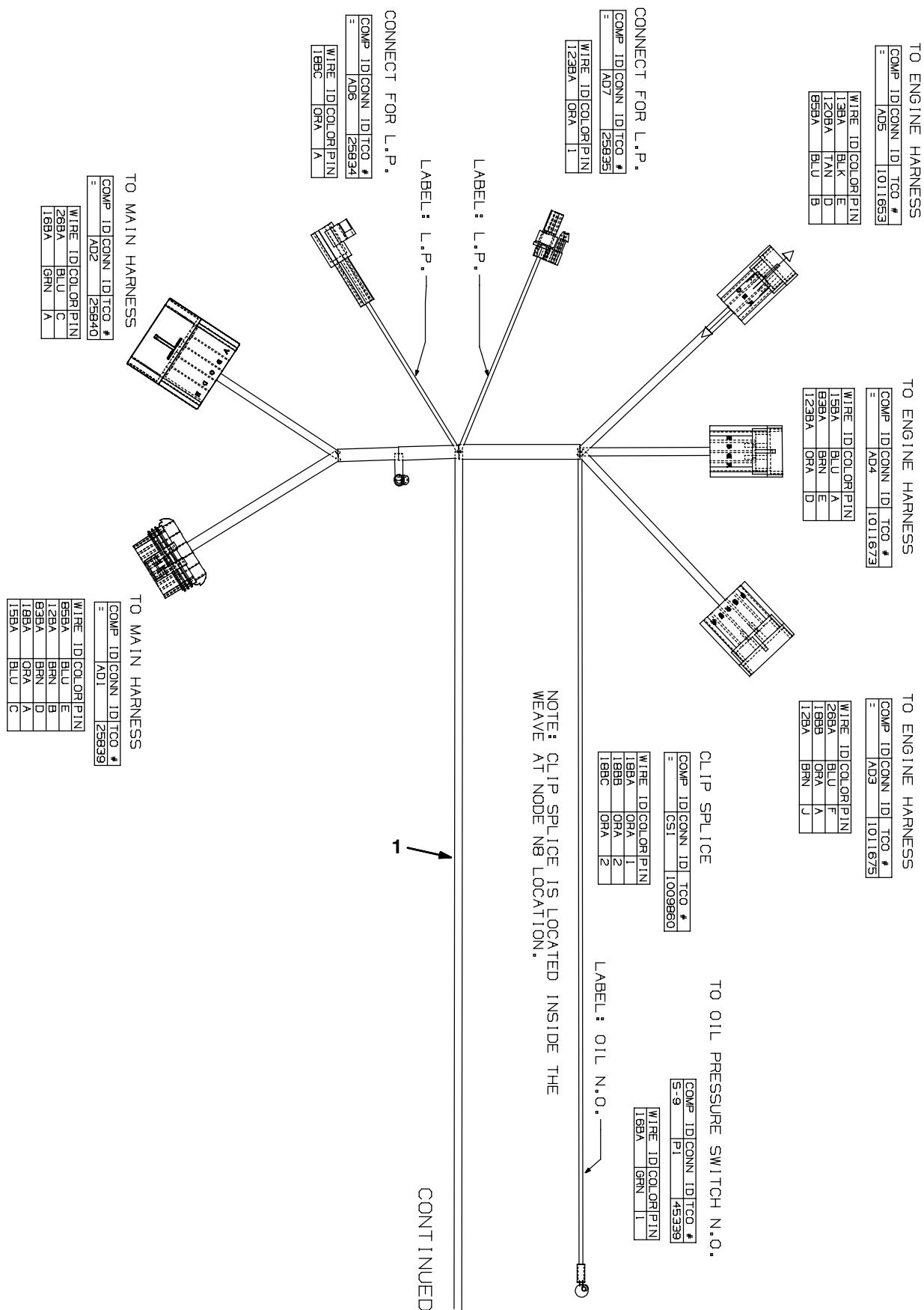
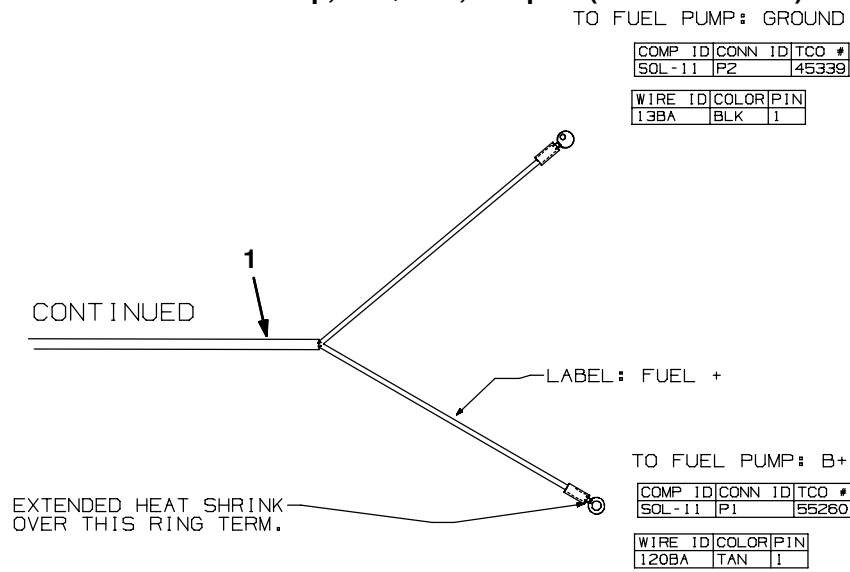


Fig. 101 - Wire Harnesses Group, Gas/LPG, Adaptor (006000-006999)



GM, G, LP

Ref.	Part No.	Serial Number	Description	Qty.
1	1012033	(006000-006999)	Harness, Adaptor [800/8410]	1

Fig. 102 - Wire Harnesses Group, Gas/LPG, Adaptor (007000-)

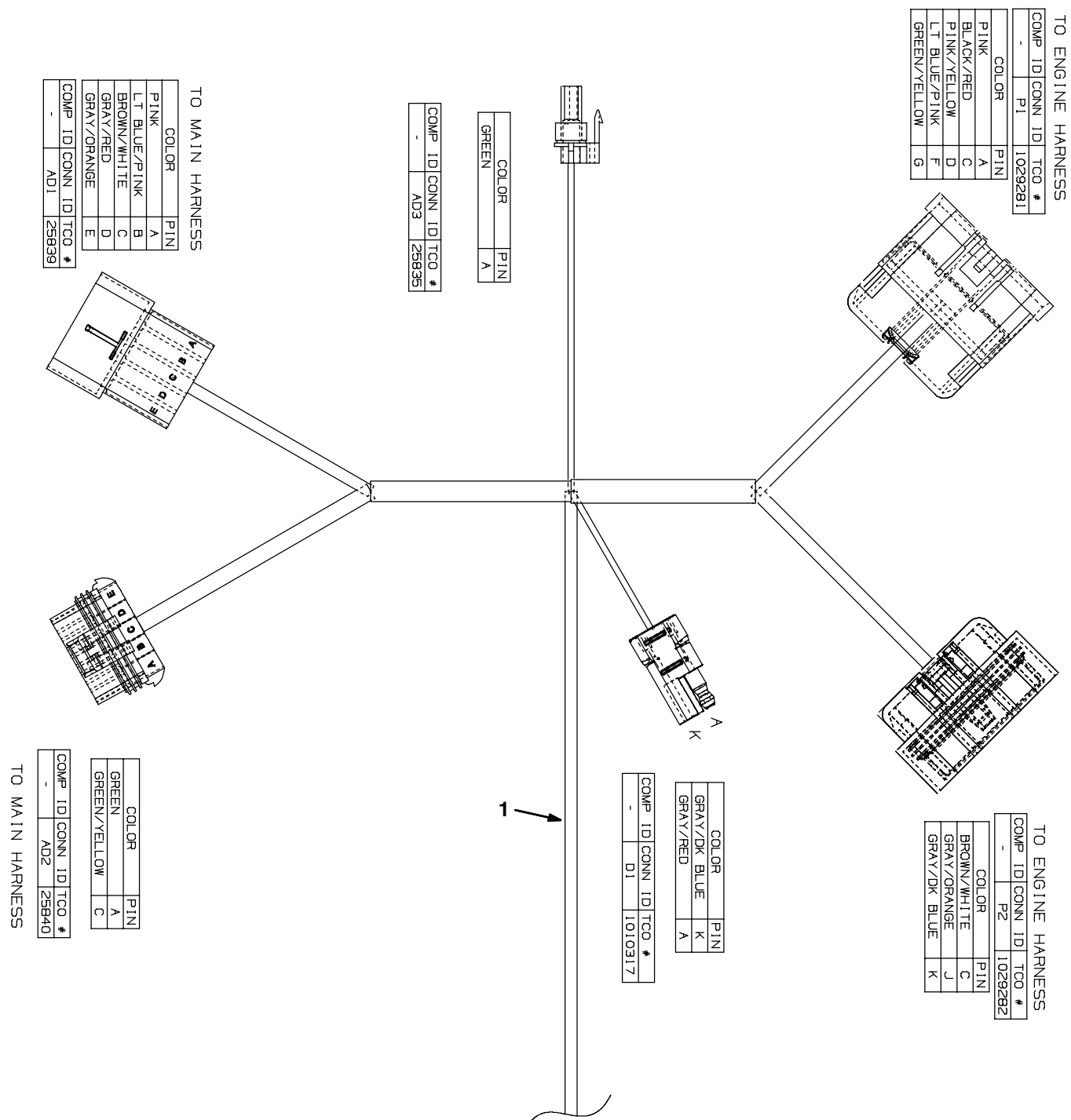


Fig. 102 - Wire Harnesses Group, Gas/LPG, Adaptor (007000-)

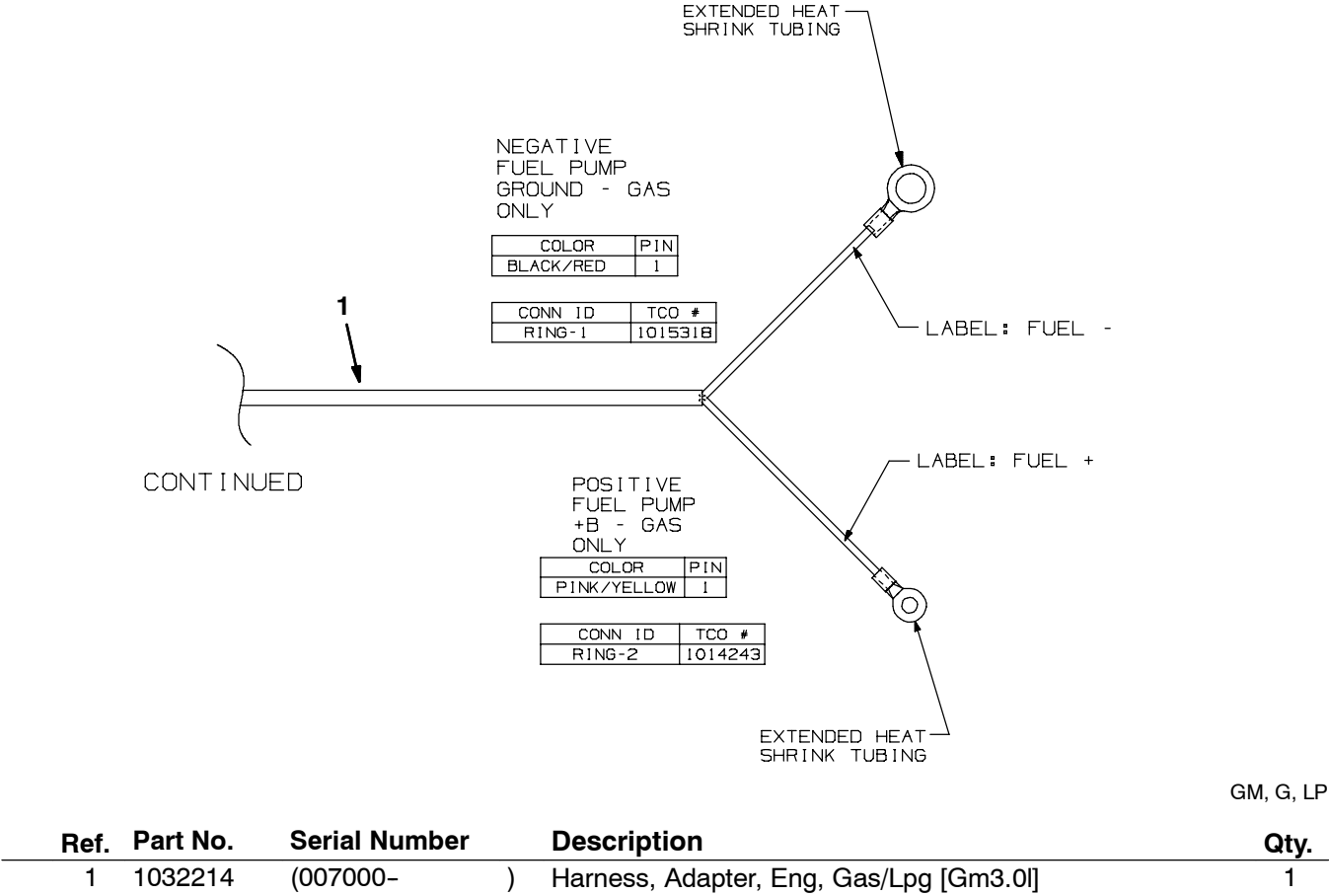
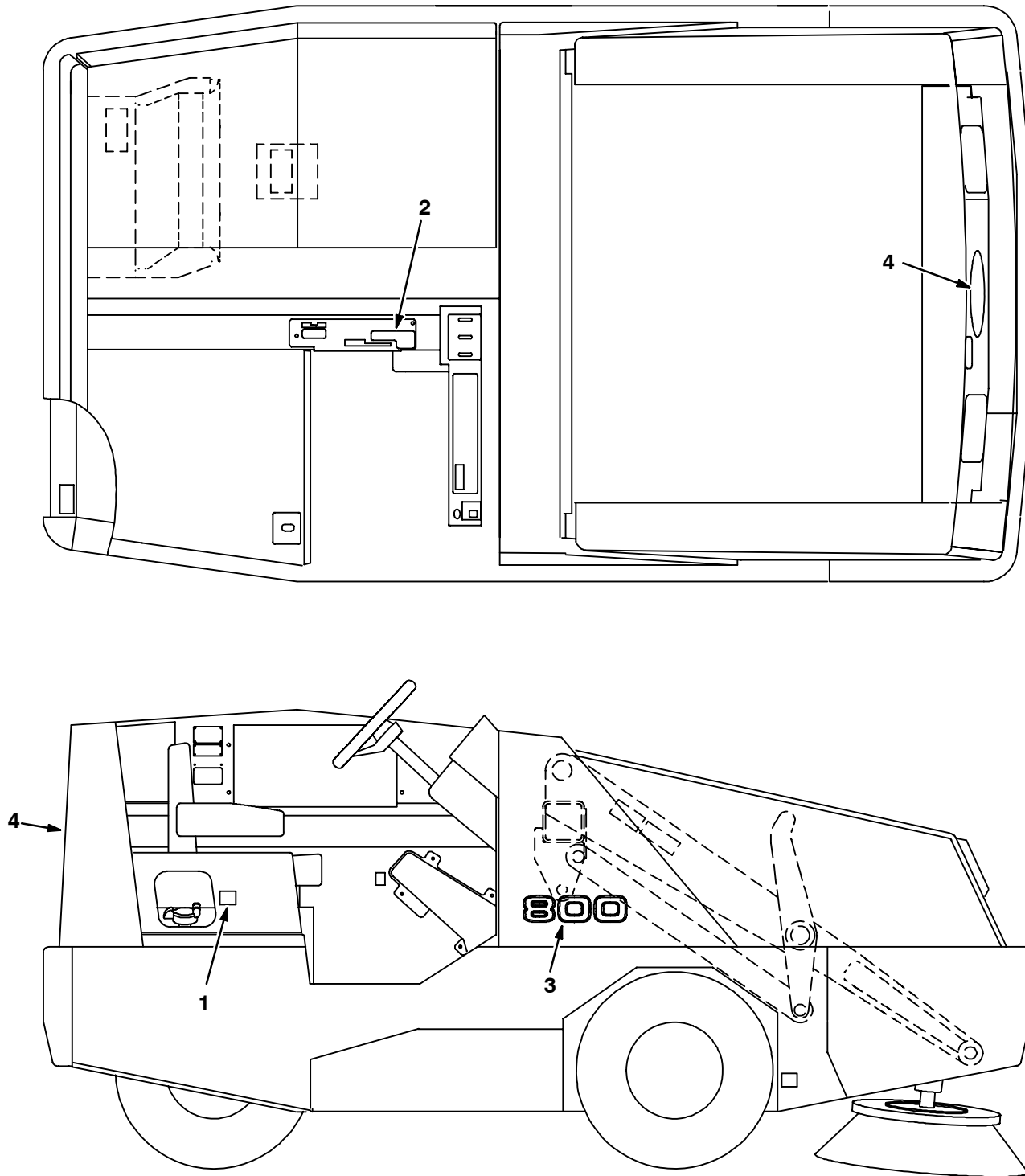


Fig. 103 - Label Group



08774 - 800, NA

Ref.	Part No.	Serial Number	Description	Qty.
1	59767	(004000-)	Label Set, Info & Hazard	1
2	70705	(004000-)	Label Set, Operational 800	1
3	70536	(004000-)	Label, Numerals 800	2
4	09806	(004000-)	Label, Logo, 10.4l,Oval[Tennant,Blu/Grn]	2

SECTION 3

Contents	Page
Fig. 1 - Light Kit, Flashing Overhead Guard	3-2
Fig. 2 - Light Kit, Flashing Cab	3-4
Fig. 3 - Light Kit, Revolving Overhead Guard . . .	3-6
Fig. 4 - Light Kit, Revolving Cab	3-8
Fig. 5 - Light Kit, Flashing Low	3-10
Fig. 6 - Light Kit, Revolving Low	3-12
Fig. 7 - Back-Up Alarm Kit	3-14
Fig. 8 - Turn Signal Kit	3-16
Fig. 9 - Overhead Guard Kit	3-18
Fig. 10 - Hopper Floor Kit	3-20
Fig. 11 - Bumper Assembly, SE	3-21
Fig. 12 - Brush Lift Group, Side, L.H.	3-22
Fig. 13 - Brush Group, Side, L.H.	3-26
Fig. 14 - Brush Wire Harness Group, Side, L.H.	3-30
Fig. 15 - Brush Hydraulic Hose Group, Side, L.H.	3-31
Fig. 16 - Brush Light Kit, Side	3-32
Fig. 17 - Cab Kit	3-34
Fig. 18 - Cab Mirror Kit	3-36
Fig. 19 - Cab Seals Group	3-38
Fig. 20 - Cab AC and Heater Box Group, Ford .	3-40
Fig. 21 - Cab AC and Heater Hose Group, Ford	3-42
Fig. 22 - Cab AC Compressor Group, Ford . . .	3-44
Fig. 23 - Cab AC and Heater Box Group, GM . .	3-46
Fig. 24 - Cab AC and Heater Hose Group, GM .	3-48
Fig. 25 - Cab AC Compressor Group, GM (004937-006999)	3-50
Fig. 26 - Cab AC Compressor Group, GM (007000-)	3-54
Fig. 27 - Cab Heater Box Group, Ford	3-56
Fig. 28 - Cab Heater Hose Group, Ford	3-58
Fig. 29 - Cab Heater Box Group, GM	3-60
Fig. 30 - Cab Heater Hose Group, GM	3-62
Fig. 31 - Alternator Group, SE, Ford	3-64
Fig. 32 - Heavy Duty Alternator Kit, GM (004937-006999)	3-66
Fig. 33 - Heavy Duty Alternator Kit, GM (007000-)	3-68
Fig. 34 - Vacuum Wand Kit	3-70
Fig. 35 - Side Brush Dust Control Kit	3-72
Fig. 36 - Protectoseal Fuel Tank Cap Group . . .	3-74
Fig. 37 - Fire Extinguisher Kit	3-75
Fig. 38 - Solid Tire and Rim Assembly	3-76
Fig. 39 - Seat Belt Kit	3-77
Fig. 40 - RFS Filter System Group	3-78
Fig. 41 - Cab AC Drain Hose Kit	3-80
Fig. 42 - Neutral Start Group	3-82
Fig. 43 - Muffler Group, Non-Catalytic	3-83
Fig. 44 - Documentation Group	3-84

Fig. 1 - Light Kit, Flashing Overhead Guard

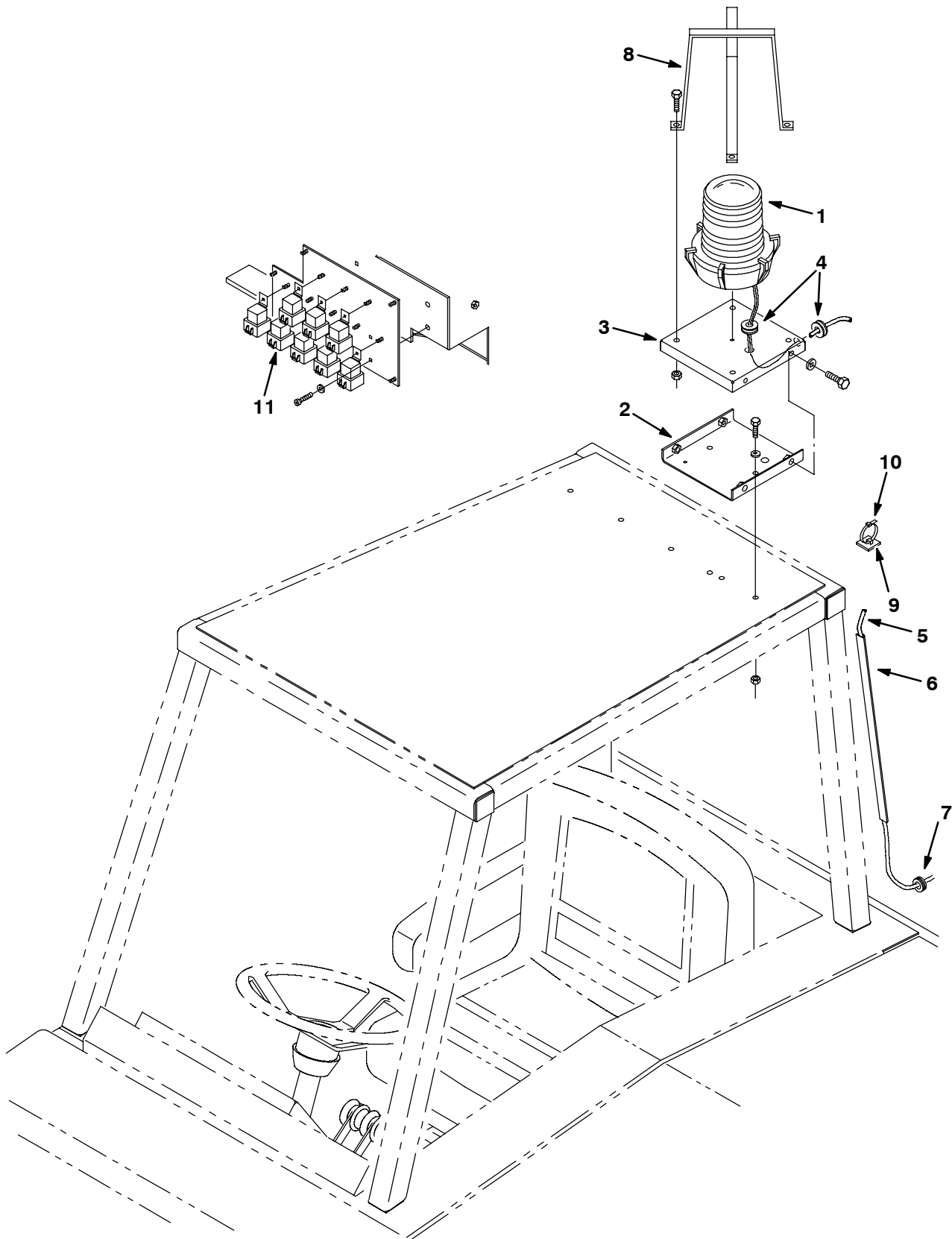


Fig. 1 - Light Kit, Flashing Overhead Guard

	Ref.	Part No.	Serial Number	Description	Qty.
▽		73755	(004000-	) Light Kit Flsh 800L Ohg	1
▲▽	1	82063	(004000-	) Light, Flashing, Amber, 12V-Re	1
▲▲		58520	(004000-	) Lens,Flashing Lite Fr207 Amber	1
▲▲		45779	(004000-	) Bulb, 12V	1
▲	2	73899	(004000-	) Bracket	1
▲	3	73898	(004000-	) Panel	1
▲	4	10632-20	(004000-	) Grommet,Rbr,0.38ld,For .06Matl	2
▲	5	74000	(004000-	) Harness,Rev/Flsh Light,Cab,Ohg	1
▲	6	77375	(004000-	) Duct, Vyl, 0.40 X 0.75 .25d 24.0l	1
▲	7	10632-4	(004000-	) Grommet,Rbr,0.63ld,For .06Matl	1
▲	8	45272	(004000-	) Guard Wldt, Lights, Revl & Flsh	1
▲	9	55248	(004000-	) Cable Tie Mount	1
▲	10	49266	(004000-	) Tie, Cable	1
▲	11	56186	(004000-	) Relay, Shrouded, 12V	1
		58518	(004000-	) Lens,Flashing Lite Fr207 Red	1
		58519	(004000-	) Lens,Flashing Lite Fr207 Blue	1

Fig. 2 - Light Kit, Flashing Cab

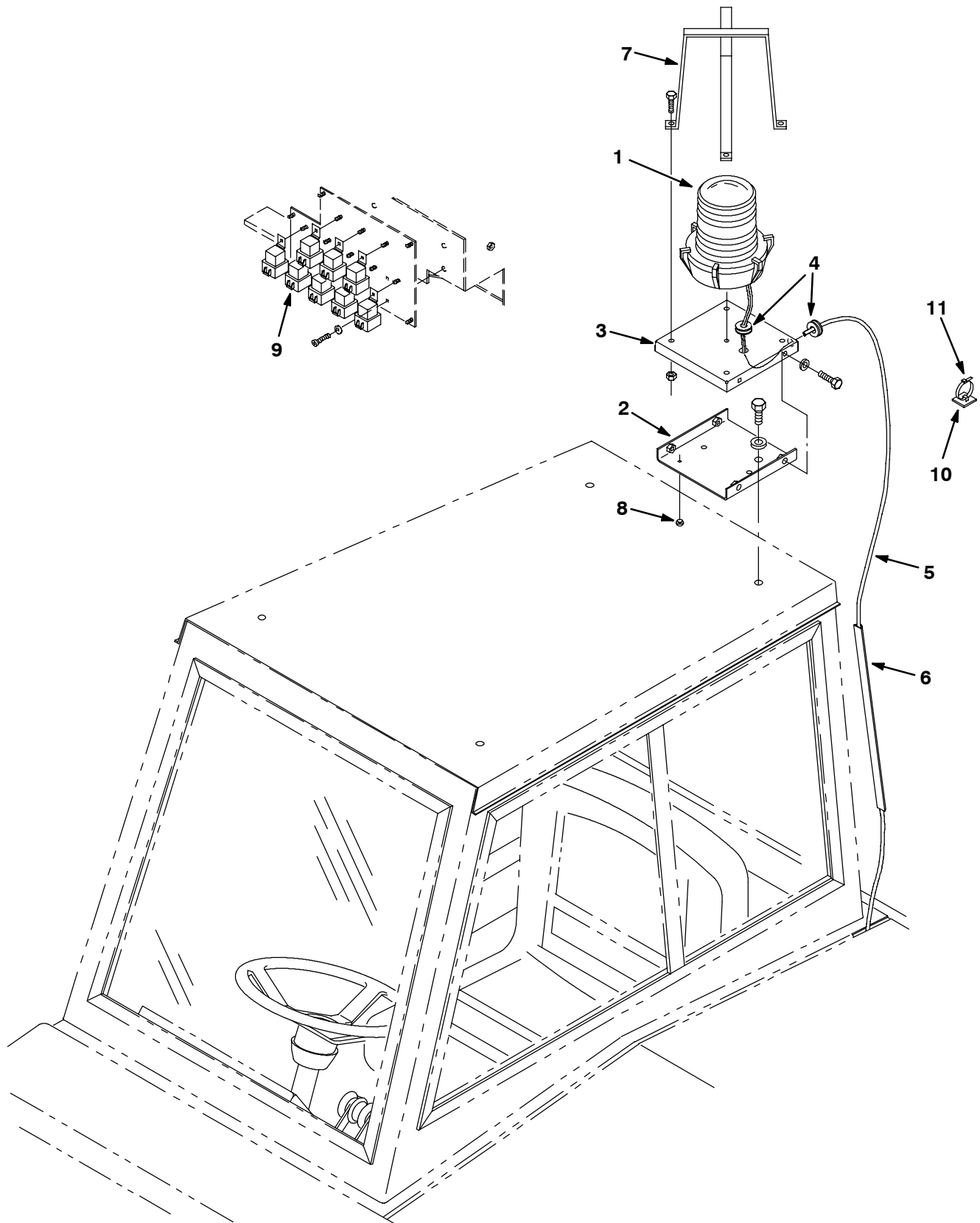


Fig. 2 - Light Kit, Flashing Cab

	Ref.	Part No.	Serial Number	Description	Qty.
▽		73751	(004000-	) Light Kit Flsh 800L Cab	1
▲▽	1	82063	(004000-	) Light, Flashing, Amber, 12V-Re	1
▲▲		58520	(004000-	) Lens,Flashing Lite Fr207 Amber	1
▲▲		45779	(004000-	) Bulb, 12V	1
▲	2	73899	(004000-	) Bracket	1
▲	3	73898	(004000-	) Panel	1
▲	4	10632-20	(004000-	) Grommet,Rbr,0.38ld,For .06Matl	2
▲	5	74000	(004000-	) Harness,Rev/Flsh Light,Cab,Ohg	1
▲	6	77375	(004000-	) Duct, Vyl, 0.40 X 0.75 .25d 24.0l	1
▲	7	45272	(004000-	) Guard Wldt, Lights, Revl & Flsh	1
▲	8	29233	(004000-	) Bumper, Rubber	1
▲	9	56186	(004000-	) Relay, Shrouded, 12V	1
▲	10	55248	(004000-	) Cable Tie Mount	1
▲	11	49266	(004000-	) Tie, Cable	1
		58518	(004000-	) Lens,Flashing Lite Fr207 Red	1
		58519	(004000-	) Lens,Flashing Lite Fr207 Blue	1

Fig. 3 - Light Kit, Revolving Overhead Guard

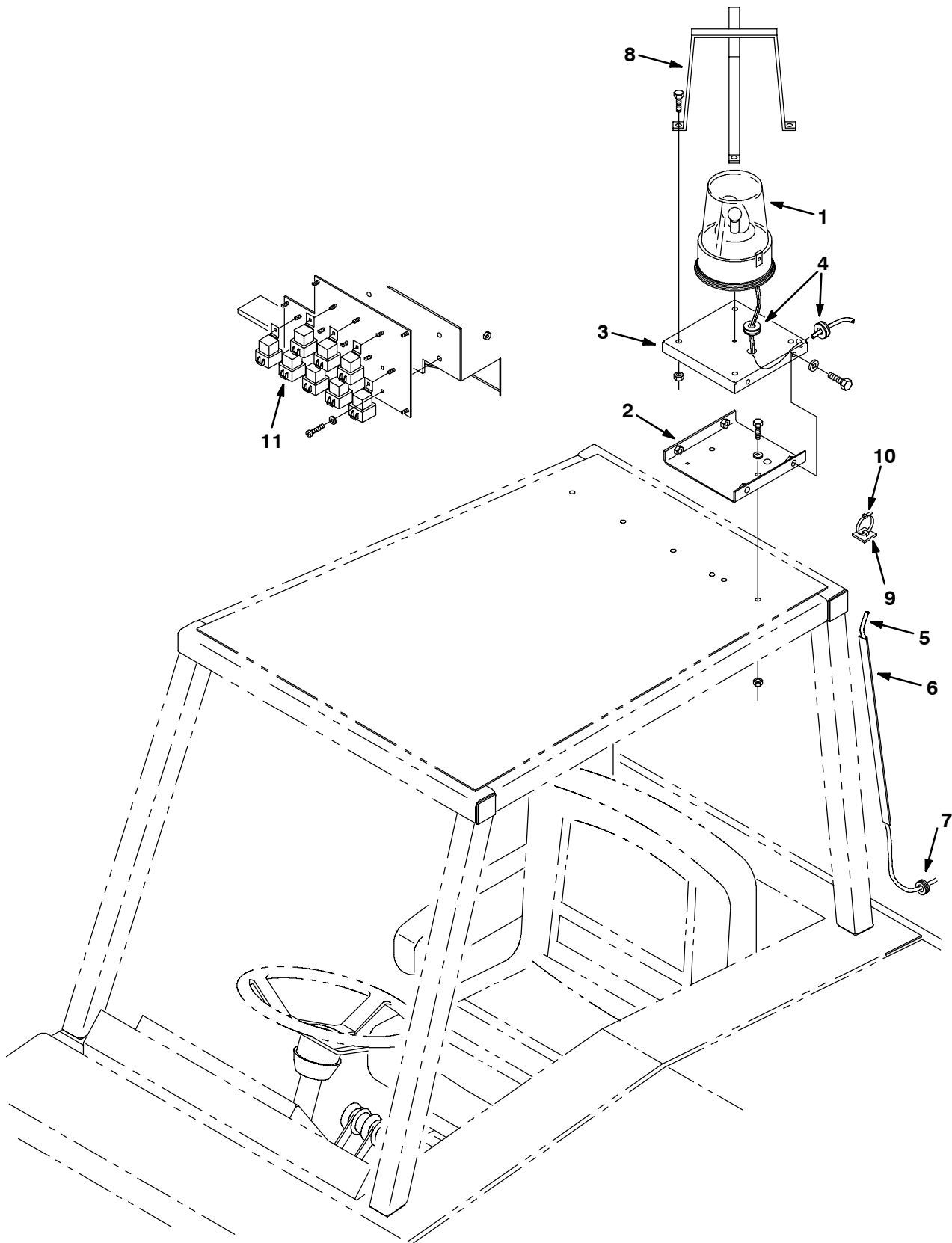


Fig. 3 - Light Kit, Revolving Overhead Guard

	Ref.	Part No.	Serial Number	Description	Qty.
▽		73757	(004000-	) Light Kit Revl 800L Ohg	1
▲▽	1	82200	(004000-	) Light,Rev.Amber 12V-Reworked	1
▲▲		44681-1	(004000-	) Lens,Rev.Light,Amber	1
▲▲		45779	(004000-	) Bulb, 12V	1
▲	2	73899	(004000-	) Bracket	1
▲	3	73898	(004000-	) Panel	1
▲	4	10632-20	(004000-	) Grommet,Rbr,0.38ld,For .06Matl	2
▲	5	74000	(004000-	) Harness,Rev/Flsh Light,Cab,Ohg	1
▲	6	77375	(004000-	) Duct, Vyl, 0.40 X 0.75 .25d 24.0l	1
▲	7	10632-4	(004000-	) Grommet,Rbr,0.63ld,For .13Matl	1
▲	8	45272	(004000-	) Guard Wldt, Lights, Revl & Flsh	1
▲	9	55248	(004000-	) Cable Tie Mount	1
▲	10	49266	(004000-	) Tie, Cable	1
▲	11	56186	(004000-	) Relay, Shrouded, 12V	1
		44681	(004000-	) Lens,Rev.Light,Red	1
		44681-2	(004000-	) Lens,Rev.Light,Blue	1

Fig. 4 - Light Kit, Revolving Cab

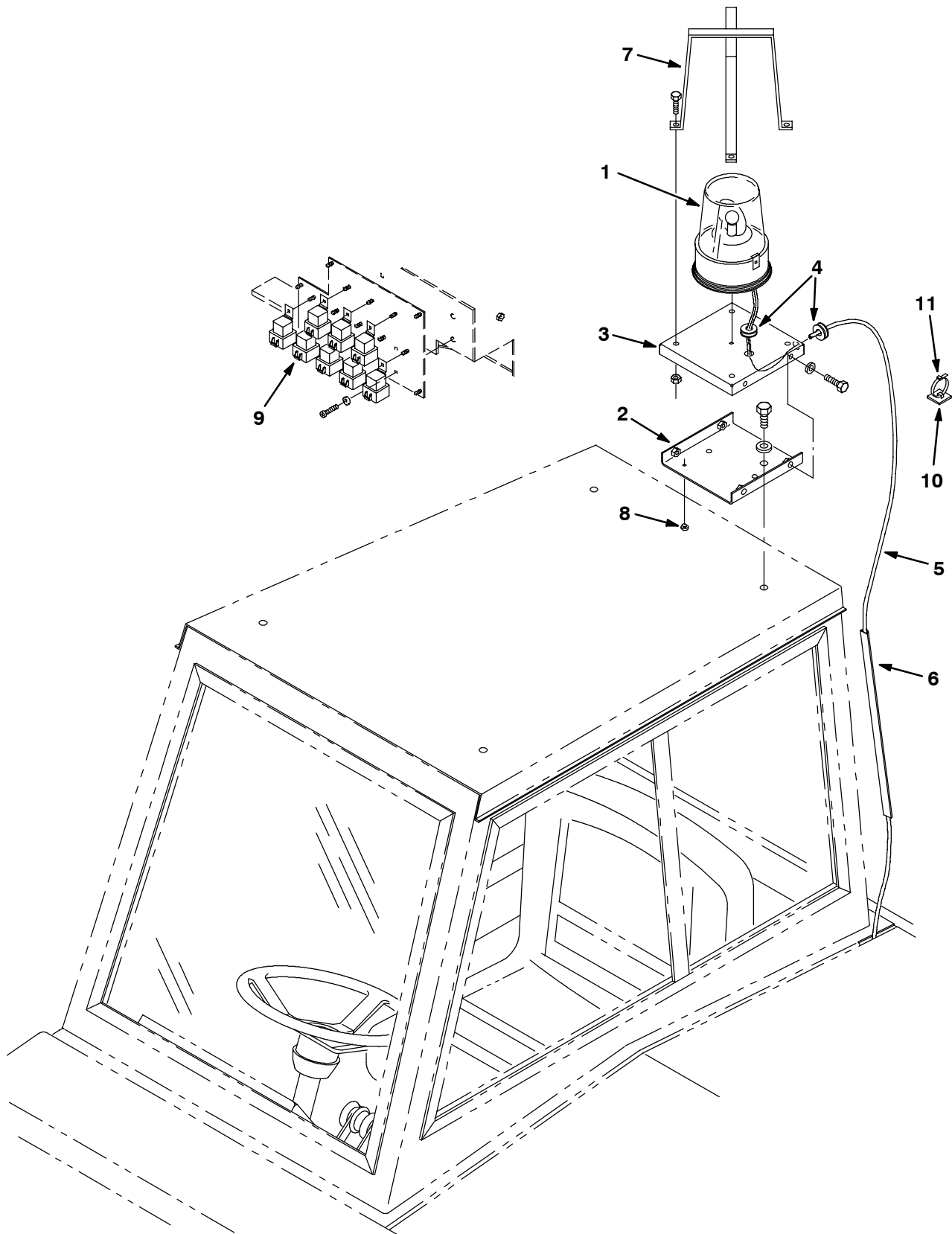


Fig. 4 - Light Kit, Revolving Cab

	Ref.	Part No.	Serial Number	Description	Qty.
▽		73753	(004000-	) Light Kit Revl 800L Cab	1
▲▽	1	82200	(004000-	) Light,Rev.Amber 12V-Reworked	1
▲▲		44681-1	(004000-	) Lens,Rev.Light,Amber	1
▲▲		45779	(004000-	) Bulb, 12V	1
▲	2	73899	(004000-	) Bracket	1
▲	3	73898	(004000-	) Panel	1
▲	4	10632-20	(004000-	) Grommet,Rbr,0.38ld,For .06Matl	2
▲	5	74000	(004000-	) Harness,Rev/Flsh Light,Cab,Ohg	1
▲	6	77375	(004000-	) Duct, Vyl, 0.40 X 0.75 .25d 24.0l	1
▲	7	45272	(004000-	) Guard Wldt, Lights, Revl & Flsh	1
▲	8	29233	(004000-	) Bumper, Rubber	1
▲	9	56186	(004000-	) Relay, Shrouded, 12V	1
▲	10	55248	(004000-	) Cable Tie Mount	1
▲	11	49266	(004000-	) Tie, Cable	1
		44681	(004000-	) Lens,Rev.Light,Red	1
		44681-2	(004000-	) Lens,Rev.Light,Blue	1

Fig. 5 - Light Kit, Flashing Low

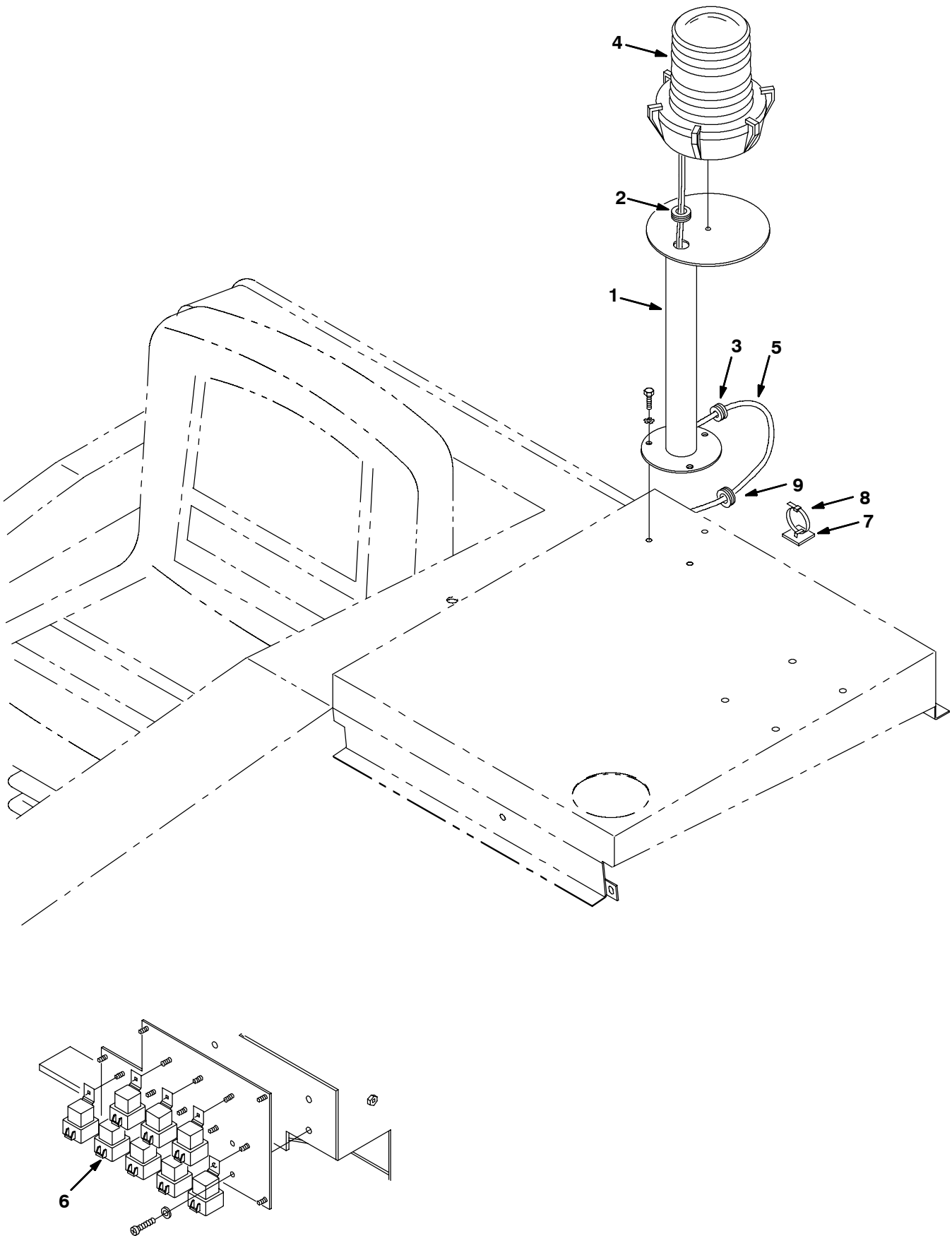


Fig. 5 - Light Kit, Flashing Low

	Ref.	Part No.	Serial Number	Description	Qty.
▽		380643	(004000-	) Kit, Light, Flsh, Low	1
▲	1	31954	(004000-	) Pedestal Wldt, Light	1
▲	2	10632-9	(004000-	) Grommet, Rbr, 0.56 Id For .13mat	1
▲	3	10632-12	(004000-	) Grommet, Rbr, 0.38 Id For .12mat	1
▲▽	4	82063	(004000-	) Light, Flashing Amb 12v-re	1
▲▲		58520	(004000-	) Lens, Flashing Amb 12V	1
▲▲		45779	(004000-	) Bulb	1
▲	5	380691	(004000-	) Harness, Alarm, Backup	1
▲	6	56186	(004000-	) Relay 12Vdc 40A Spdt	1
▲	7	55248	(004000-	) Cabletie Mount, Adhesive	2
▲	8	49266	(004000-	) Tie, Cable 1.75D Max 7.50Lg	2
▲	9	10632-4	(004000-	) Grommet	1
		58518	(004000-	) Lens, Flashing Red	1
		58519	(004000-	) Lens, Flashing Blue	1

Fig. 6 - Light Kit, Revolving Low

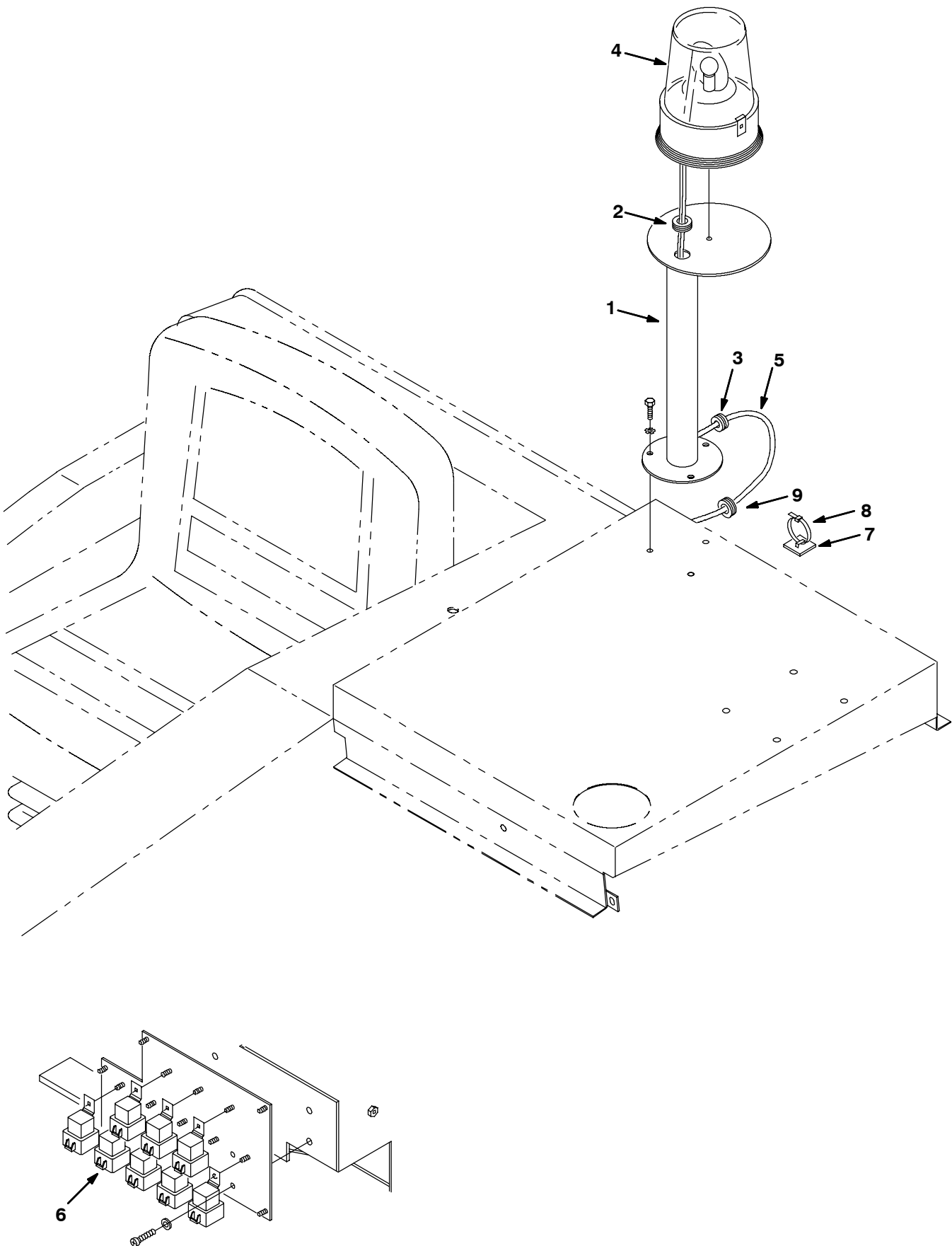


Fig. 6 - Light Kit, Revolving Low

	Ref.	Part No.	Serial Number	Description	Qty.
▽		380644	(004000-	) Kit, Light, Revl, Low	1
▲	1	31954	(004000-	) Pedestal Wldt, Light	1
▲	2	10632-9	(004000-	) Grommet, Rbr, 0.56 Id For .13mat	1
▲	3	10632-12	(004000-	) Grommet, Rbr, 0.38 Id For .12mat	1
▲▽	4	82200	(004000-	) Light, Rev. Amber 12v-re	1
▲▲		44681-1	(004000-	) Lens, Rev. Light, Amber	1
▲▲		45779	(004000-	) Bulb	1
▲	5	380691	(004000-	) Harness, Alarm, Backup	1
▲	6	56186	(004000-	) Relay 12Vdc 40A Spdt	1
▲	7	55248	(004000-	) Cabletie Mount, Adhesive	2
▲	8	49266	(004000-	) Tie, Cable 1.75D Max 7.50Lg	2
▲	9	10632-4	(004000-	) Grommet	1
		44681	(004000-	) Lens, Rev. Light, Red	1
		44681-2	(004000-	) Lens, Rev. Light, Blue	1

Fig. 7 - Back-Up Alarm Kit

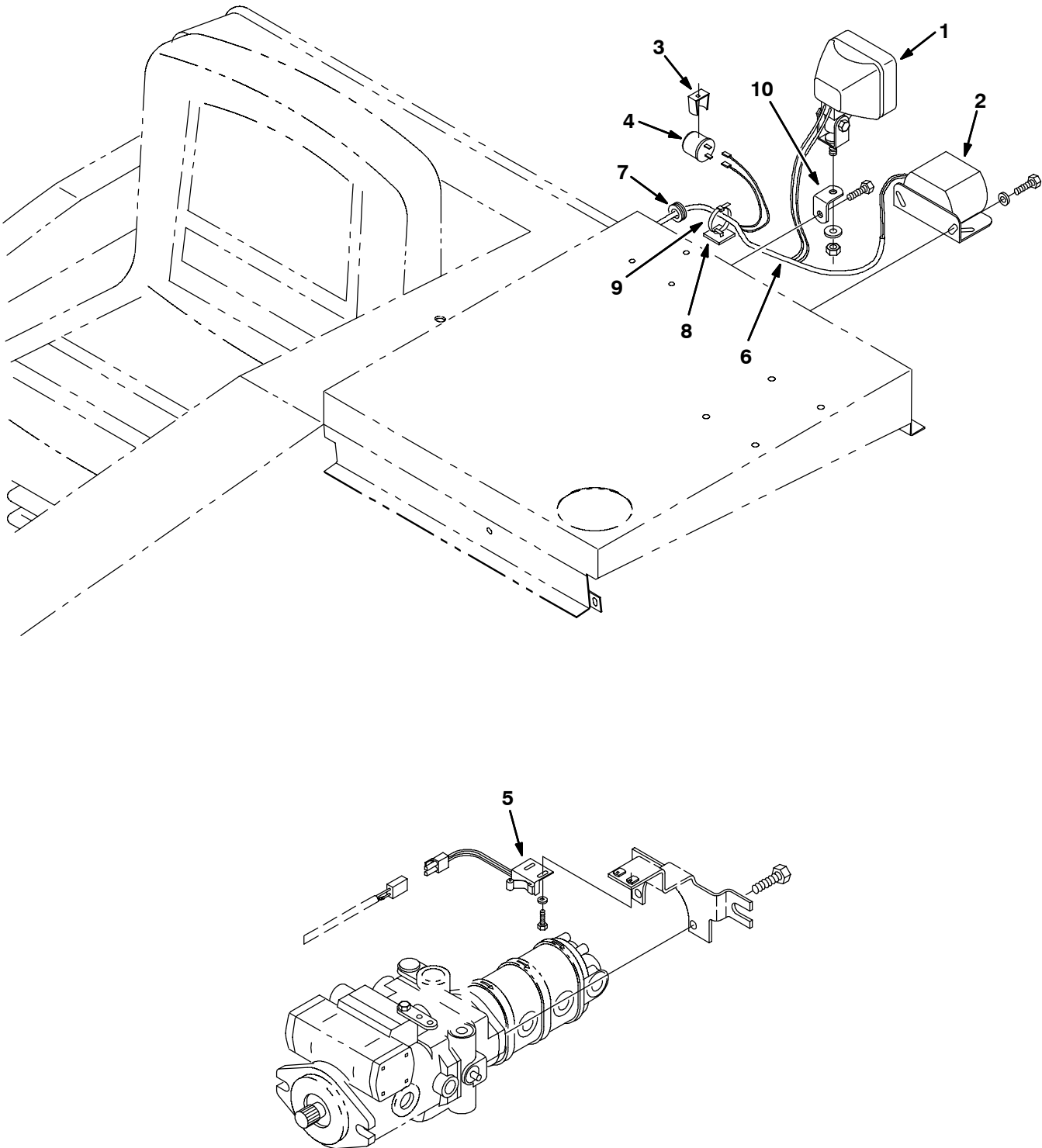


Fig. 7 - Back-Up Alarm Kit

	Ref.	Part No.	Serial Number	Description	Qty.
▽		380640	(004000-	) Kit, Alarm, Backup	1
▲▽	1	382978	(004000-	) Light, Spot 12V, 32cp	1
▲▲		393770	(004000-	) Lamp, 12VDC 55w	1
▲	2	61923	(004000-	) Horn, Back-up Alarm	1
▲	3	24576-1	(004000-	) Bracket, Flasher	1
▲	4	24576	(004000-	) Flasher, 12v	1
▲	5	59965	(004000-	) Switch Assy, Roller-no	1
▲	6	380691	(004000-	) Harness, Alarm, Back-up	1
▲	7	10632-4	(004000-	) Grommet	1
▲	8	55248	(004000-	) Mount, Tie	2
▲	9	49266	(004000-	) Tie, Cable	2
▲	10	76385	(004000-	) Bracket	1

Fig. 8 - Turn Signal Kit

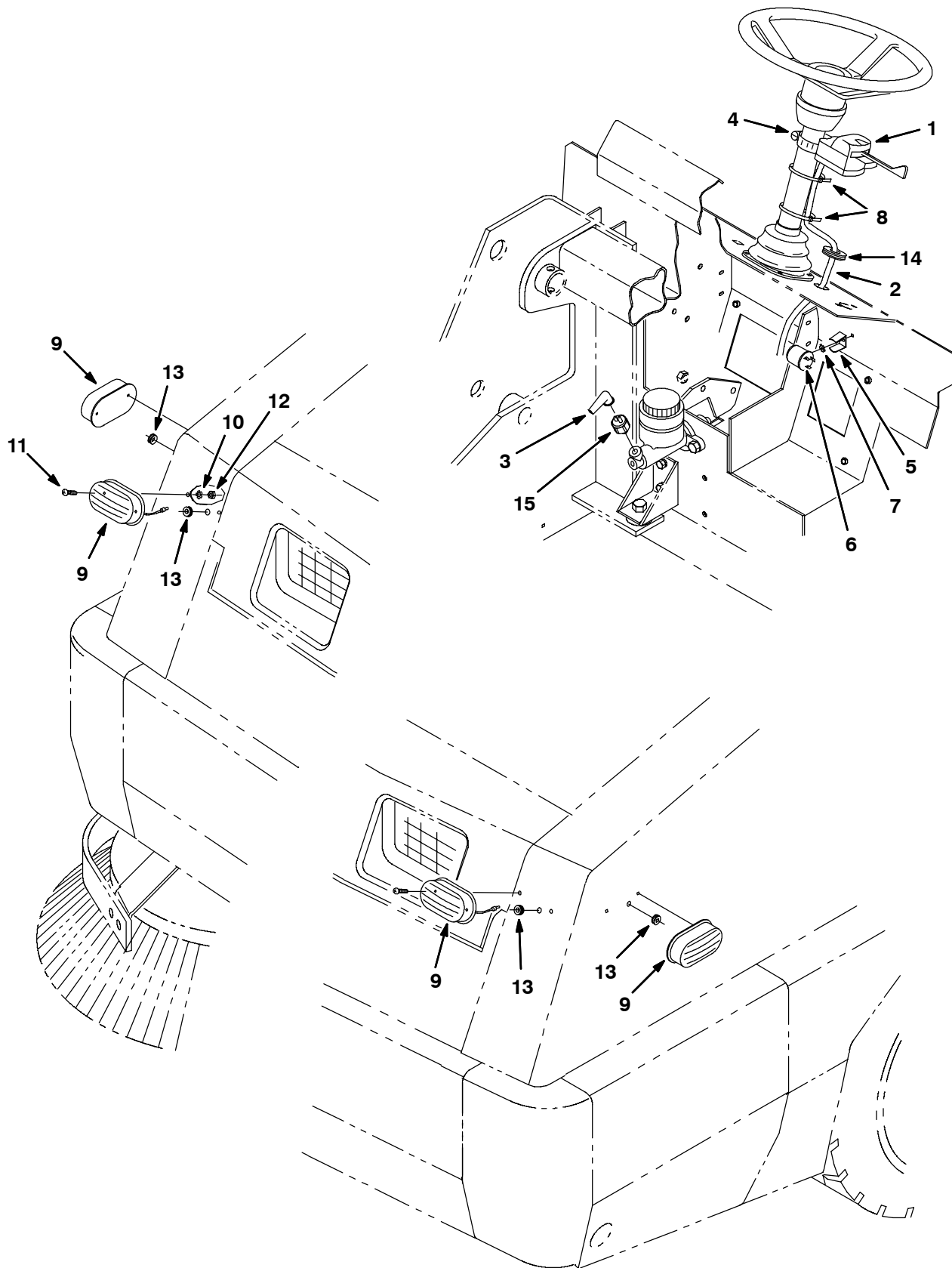


Fig. 8 - Turn Signal Kit

	Ref.	Part No.	Serial Number	Description	Qty.
▽		380712	(004000-	) Kit, Signal, Turn	1
▲	1	60751	(004000-	) Signal Turn	1
▲	2	76423	(004000-	) Harness, Directional	1
▲	3	61365	(004000-	) Boot, 90deg .44id 0.62id 1.69I, Blk	1
▲	4	11531	(004000-	) Clamp-Wormdrive, 0.81- 1.50D	1
▲	5	24576-1	(004000-	) Bracket, Flasher	1
▲	6	31922	(004000-	) Flasher Heavy Duty	1
▲	7	41139	(004000-	) Washer-Loc Int-Ext 10 Pltd	1
▲	8	49266	(004000-	) Tie, Cable	4
▲▽	9	34848	(004000-	) Light Assy Mark/Yel 12V- . A	4
▲▲		87948	(004000-	) Bulb, #194	1
▲	10	41140	(004000-	) Washer-Loc Int-Ext .25 Pltd	8
▲	11	06927	(004000-	) Screw, Pan, M04	8
▲	12	02850	(004000-	) Nut, Hex, Lock	8
▲	13	10632-5	(004000-	) Grommet Rbr 0.25Id For .09Matl	5
▲	14	10632-8	(004000-	) Grommet,Rbr,0.75Id,For .13Matl	1
▲	15	13959	(004000-	) Switch	1

Fig. 9 - Overhead Guard Kit

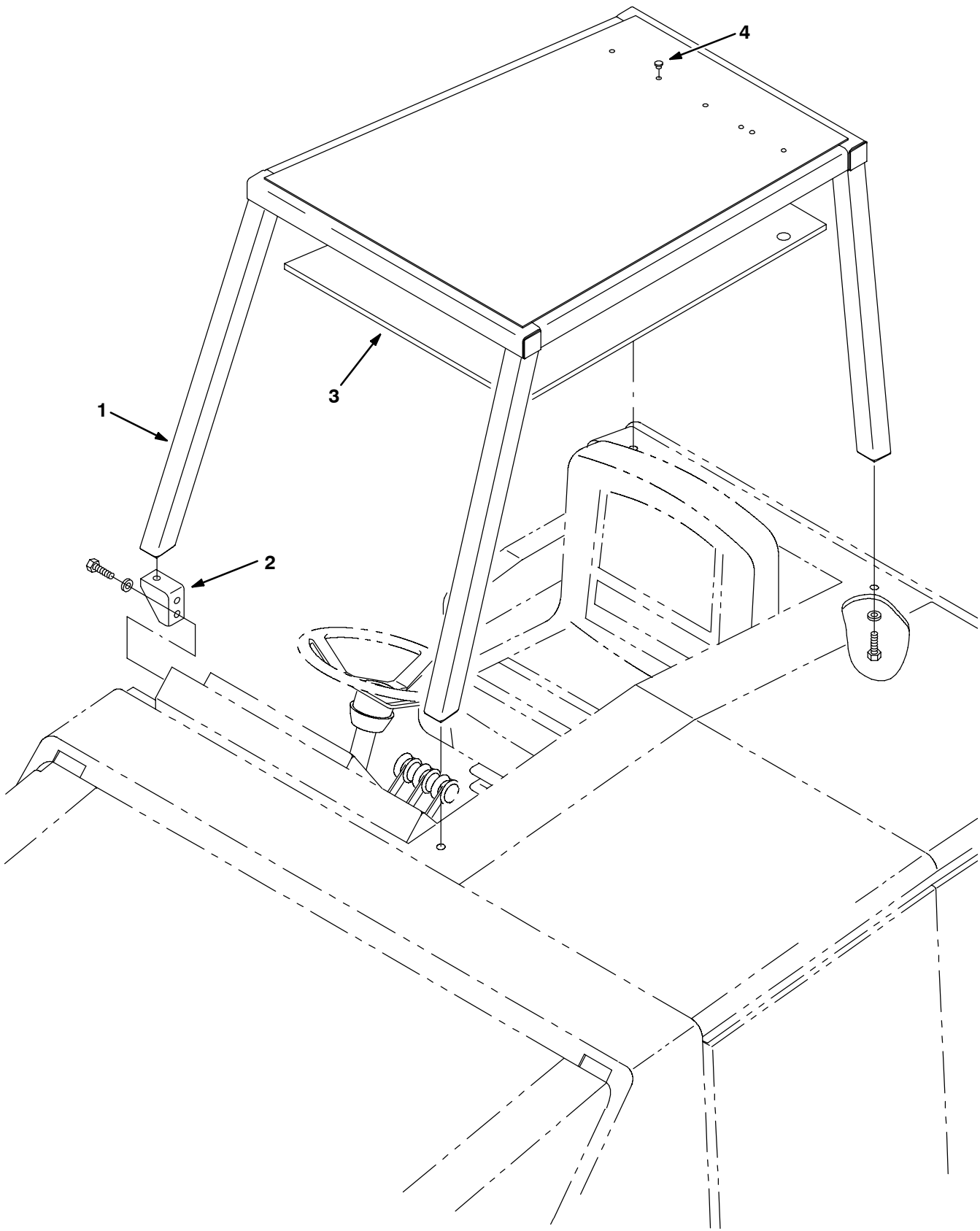
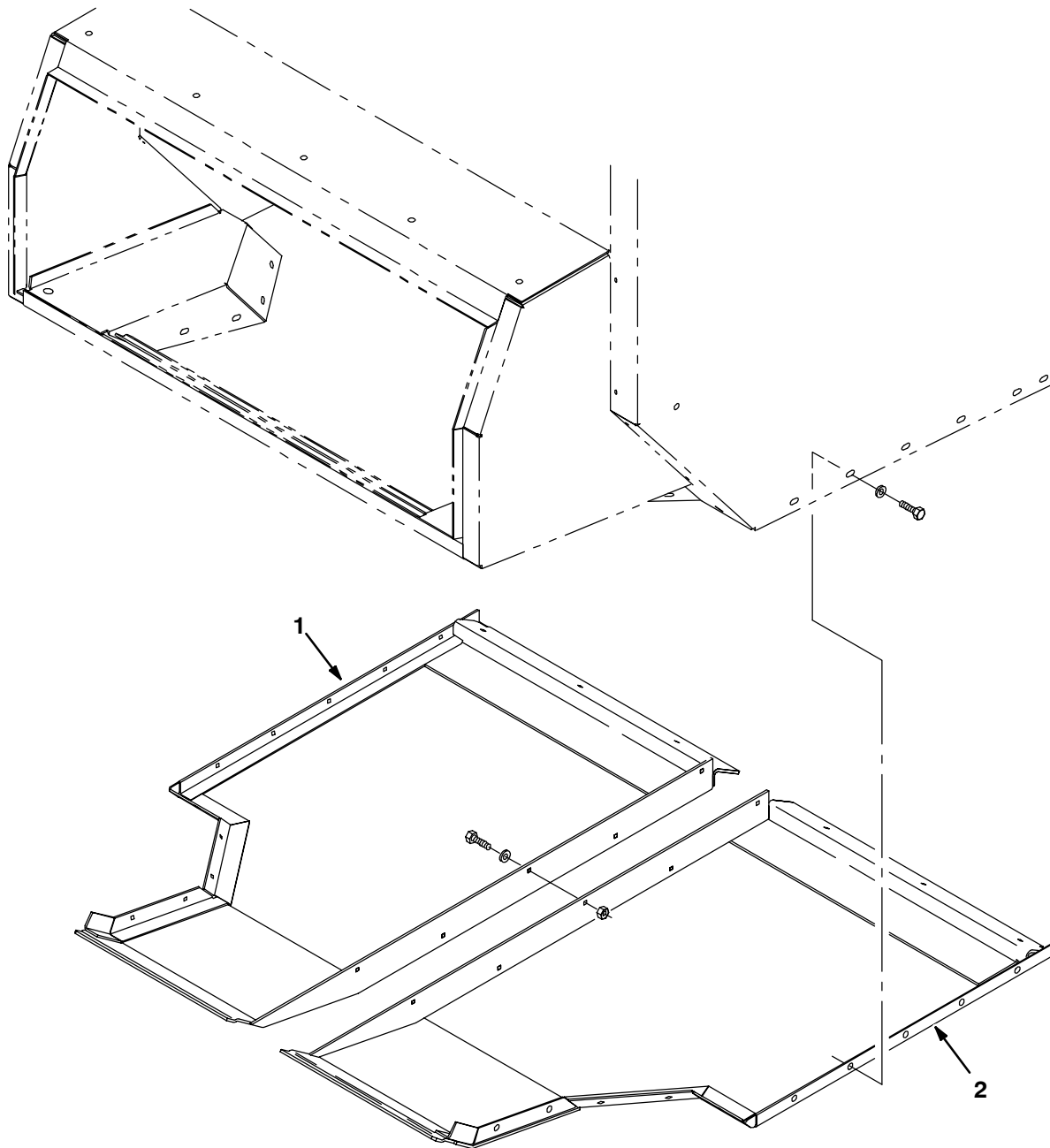


Fig. 9 - Overhead Guard Kit

	Ref.	Part No.	Serial Number	Description	Qty.
▽		70669	(004000-	) Guard Kit, Overhead	1
▲	1	65258	(004000-	) Guard Wldt, Overhead	1
▲	2	70454	(004000-	) Bracket, Mtg, Ohg	1
▲	3	74007	(004000-	) Foam, Insulation	1
▲	4	33806	(004000-	) Plugbutton	6

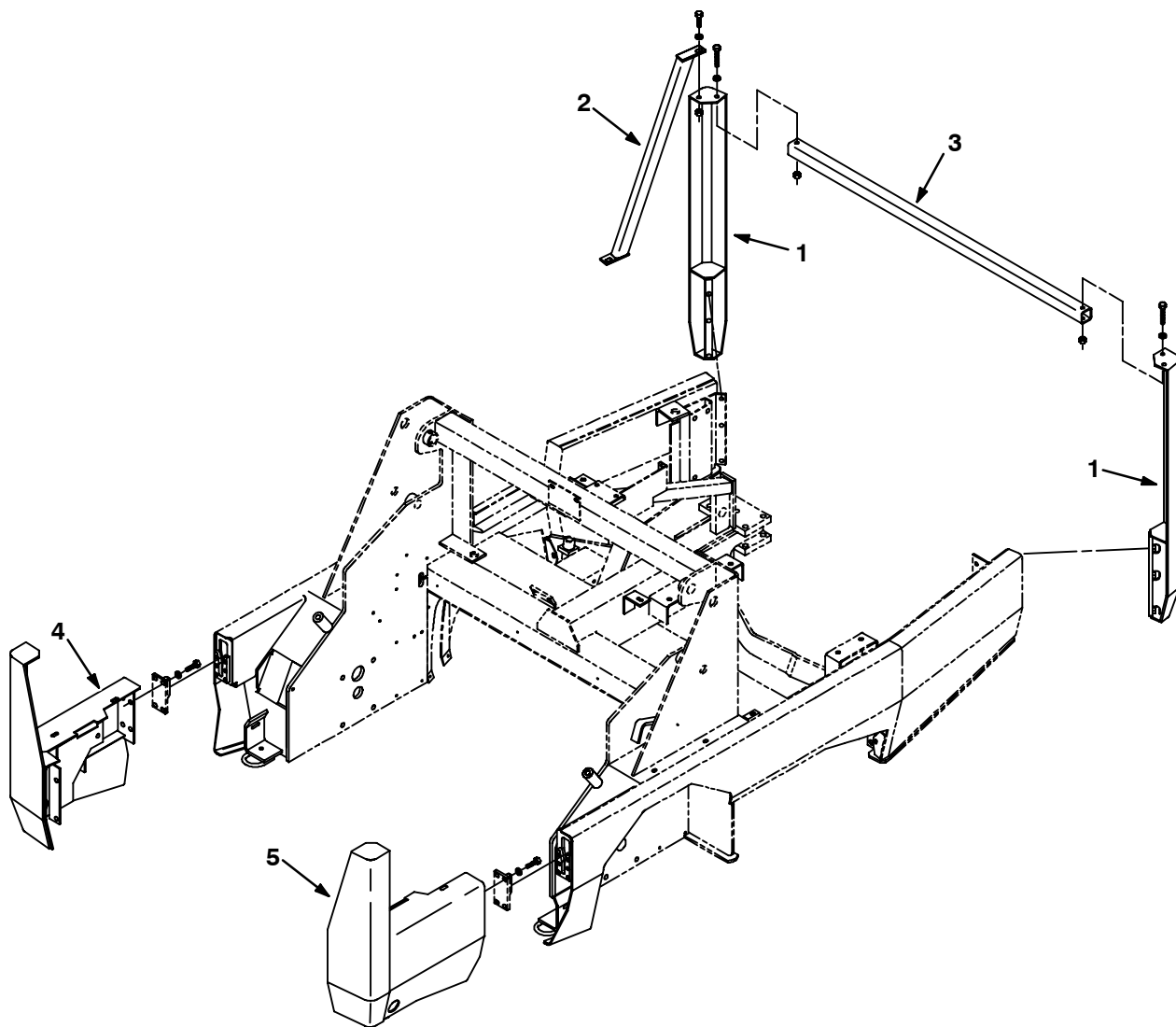
Fig. 10 - Hopper Floor Kit



07668 - 800

Ref.	Part No.	Serial Number	Description	Qty.
▽	70686	(004000-	) Hopper Floor Kit, St Stl 800	1
▲	1 77611	(004000-	) Panel Wldt, Hopper, Floor, RH	1
▲	2 77613	(004000-	) Panel Wldt, Hopper, Floor, LH	1

Fig. 11 - Bumper Assembly, SE



09909 - ALL

Ref.	Part No.	Serial Number	Description	Qty.
▽	83557	(004000-	) Bumper Assy, Se	1
▲	1 70802	(004000-	) Leg Wldt, Bumper, Se	2
▲	2 70793	(004000-	) Brace Wldt, Bumper, Se	1
▲	3 70815	(004000-	) Tube, Cross, Bumper, Se	1
▲	4 83626	(004000-	) Bumper Wldt, Se, Rh, Front	1
▲	5 83627	(004000-	) Bumper Wldt, Se, Lh, Front	1

Fig. 12 - Brush Lift Group, Side, L.H.

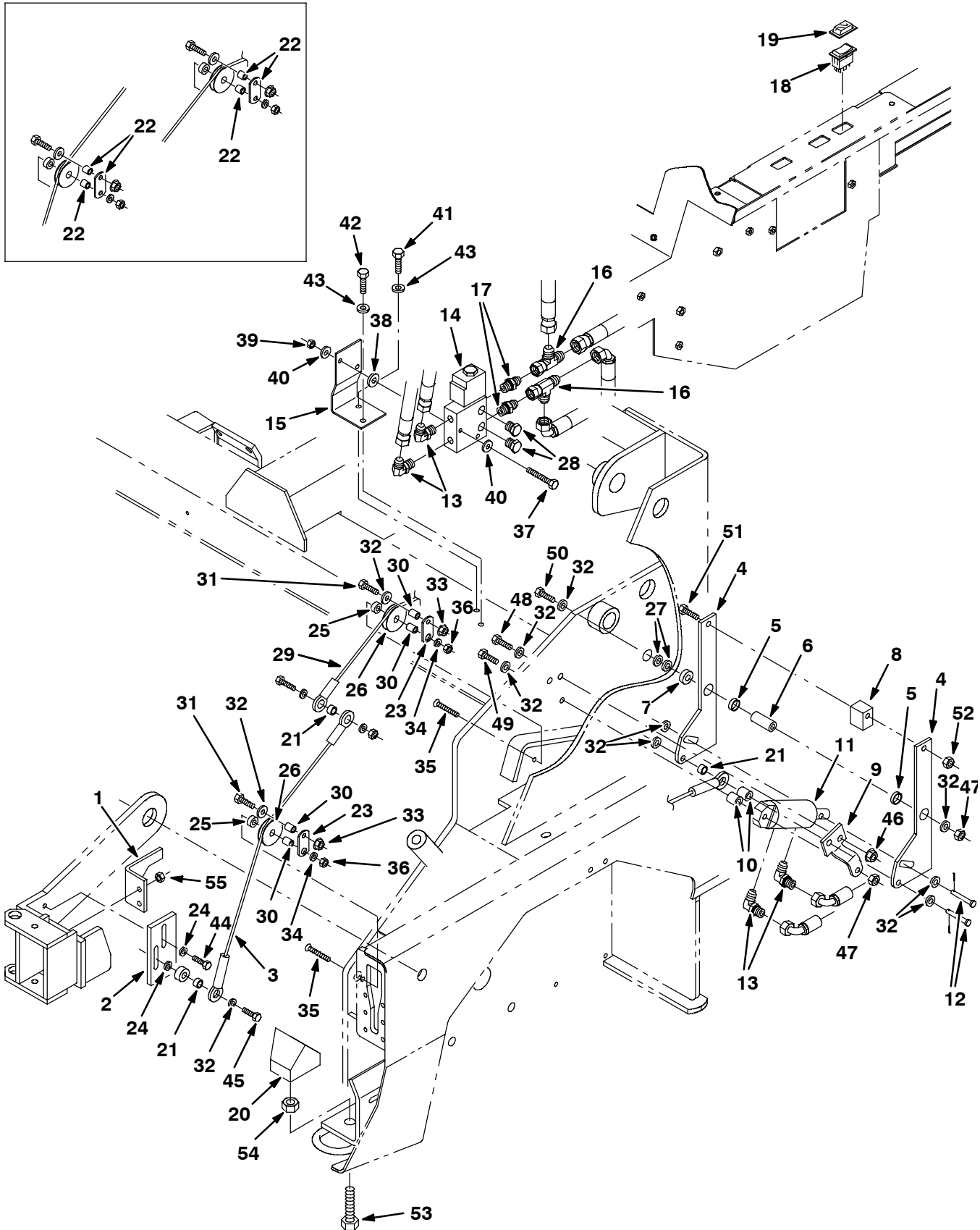


Fig. 12 - Brush Lift Group, Side, L.H.

Ref.	Part No.	Serial Number	Description	Qty.
1	77458	(004000-	) Bracket, Angle	1
2	77569	(004000-	) Plate Wldt	1
3	70532	(004000-	) Cable, Side Brush, Lift	1
4	77584	(004000-	) Plate	2
5	74090	(004000-	) Bearing	2
6	77597	(004000-	) Sleeve, 0.406B 0.75D1.80 Stl	1
7	77727	(004000-	) Sleeve .438B 1.00D .35Stl	1
8	77459	(004000-	) Spacer	1
9	77783	(004000-	) Plate, Angle	1
10	77600	(004000-	) Sleeve, 0.406B .750D .800Stl	2
11	379020	(004000-	) Cylinder, Hyd 1.5B 1.5S 2500	1
12	51813	(004000-	) Pin,Clevis,0.37 Dia.X 2.12 Lg	2
13	77097	(004000-	) Ftg-Hyd E90 Jm04/Om04	4
14	84016	(004000-	) Valve, Hyd, Solenoid (See Breakdowns)	1
15	21231	(004000-	) Bracket, Side Brush, Valve	1
16	42215	(004000-	) Fitting, Hyd, Tee, Jf06/Jm06/Jm06, Run	2
17	56690	(004000-	) Ftg-Hyd Str Jm06/Om06	2
18	65561	(004000-	) Switch Rocker Spst	1
19	57807	(004000-	) Cover, Rocker Switch Seal	1
20	77738	(004000-	) Block	1
21	65174	(004000-	) Spacer	3
22	375416	(004000- xxxxxx	) Replacement Kit, Roller, Side Brush Lift	1
23	375415	(xxxxxx-	) Plate, Side Brush, Roller	2
24	41186	(004000-	) Washer-Belleville .31 Pltd	2
25	73737	(004000-	) Sleeve, .375B .75D .32 Stl	2
26	74391	(004000-	) Pulley - Cable, 1.5 Dia	2
27	32492	(004000-	) Flat Washer, 3/8" Hard	2
28	46482	(004000-	) Ftg-Hyd Plg Om06	2
29	23936	(004000-	) Cable, Retaining, S Br	1
30	80395	(xxxxxx-	) Sleeve	4
31	76570	(xxxxxx-	) Screw, Hex m08	2
32	32492	(xxxxxx-	) Washer, Flat	12
33	07791	(xxxxxx-	) Nut, Hex, Flange	2
34	33924	(xxxxxx-	) Washer, Flat m10	2
35	09028	(xxxxxx-	) Screw, Hex m10	2
36	32715	(xxxxxx-	) Nut, Hex Lock m10	2
37	06548	(004000-	) Screw, Hex, M6 X 1.0 X 60, 8.8	2
38	63416	(004000-	) Washer, Rbr, .12 0.31b 0.88d	2
39	08708	(004000-	) Nut, Hex, Lock, M6 X 1.0, NI	2
40	19066	(004000-	) Washer, Flat, #10	4
41	16931	(004000-	) Screw, Hex, M8 X 1.25 X 20, 8.8	1
42	76570	(004000-	) Screw, Hex, M8 X 1.25 X 30, 8.8	1
43	32491	(004000-	) Washer, Flat, 0.31 Std	2
44	09010	(004000-	) Screw, Hex, M8 X 1.25 X 25, Ss	2
45	39283	(004000-	) Screw, Hex, M10 X 1.5 X 25, 8.8	2
46	07792	(004000-	) Nut, Hex, Flng, M10 X 1.5	2
47	41430	(004000-	) Nut, Hex, Lock, M10 X 1.5, NI	2
48	39284	(004000-	) Screw, Hex, M10 X 1.5 X 35, 8.8	2
49	06965	(004000-	) Screw, Hex, M10 X 1.5 X 80, 8.8	1
50	03193	(004000-	) Screw, Hex, M10 X 1.5 X 90, 8.8	1

Fig. 12 - Brush Lift Group, Side, L.H.

Ref.	Part No.	Serial Number	Description	Qty.
51	06957	(004000-	) Screw, Hex, M8 X 1.25 X 60, 8.8	1
52	08709	(004000-	) Nut, Hex, Lock, M8 X 1.25, NI	1
53	77752	(004000-	) Screw, Hex, M16 X 2.0 X 70, 8.8, FI	1
54	33342	(004000-	) Nut, Hex, Lock, M16 X 2.0, NI	1
55	39311	(004000-	) Nut, Hex, Std, M8 X 1.25	1

Fig. 13 - Brush Group, Side, L.H.

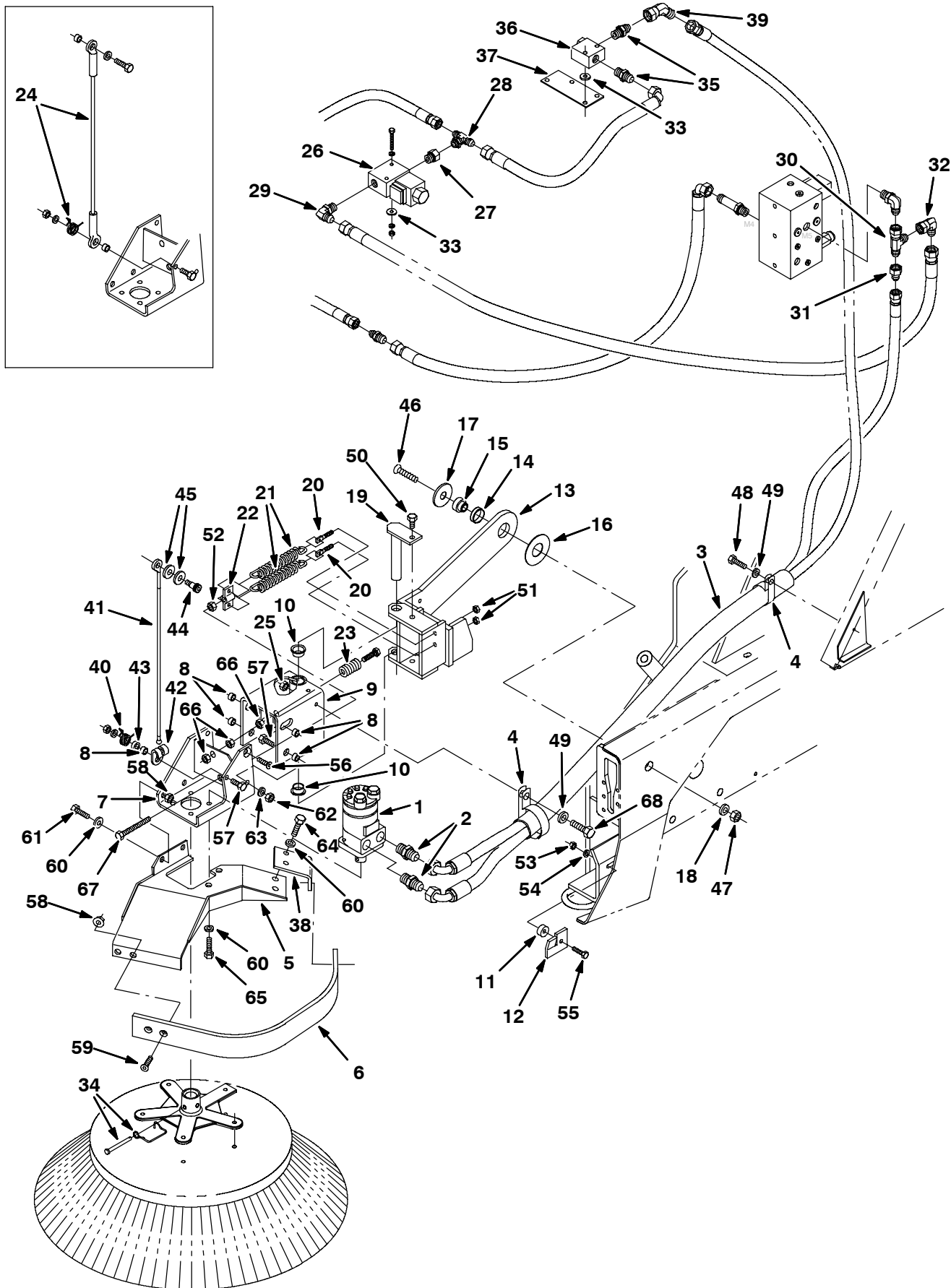


Fig. 13 - Brush Group, Side, L.H.

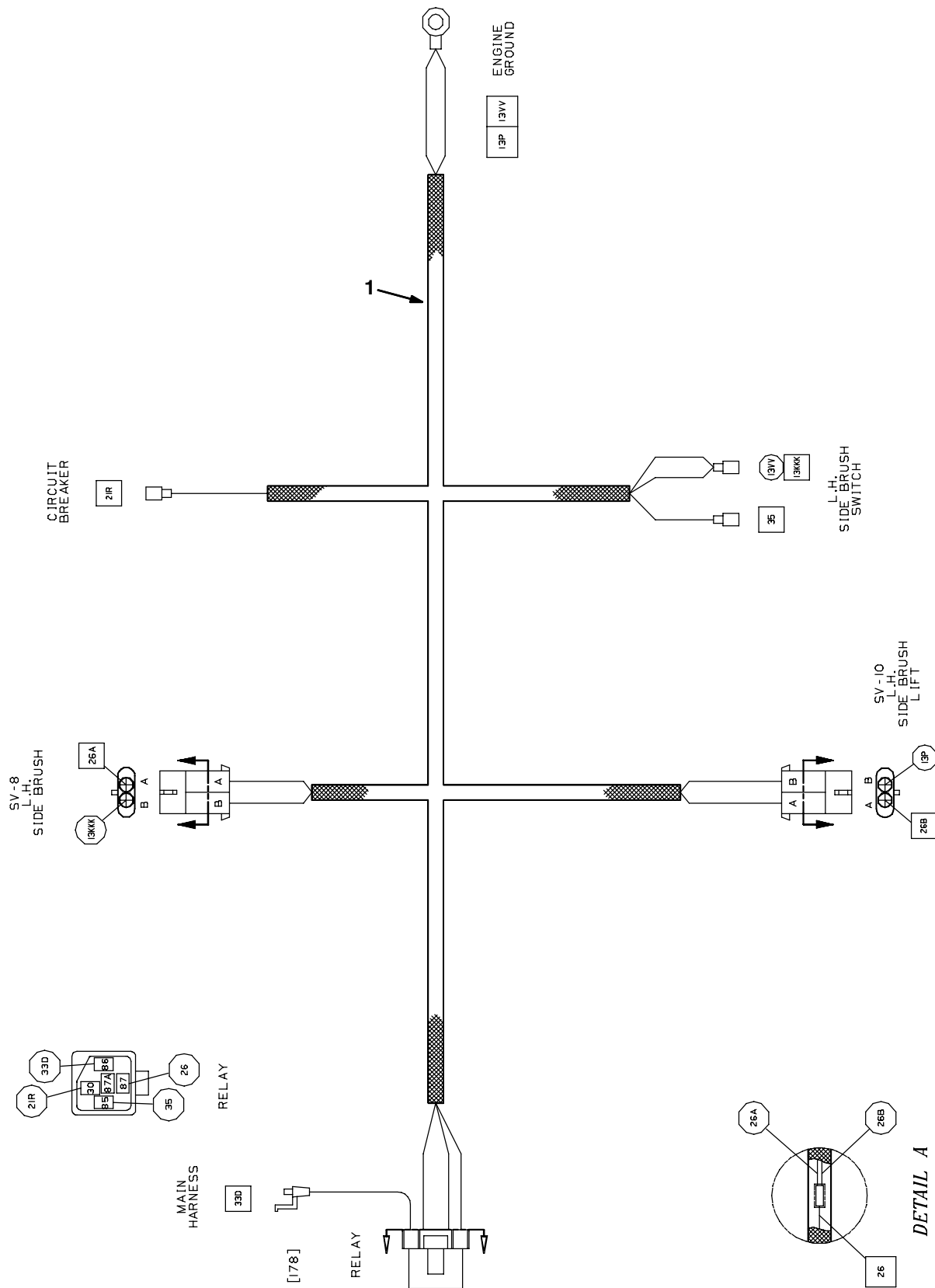
Ref.	Part No.	Serial Number	Description	Qty.
1	79781	(004000-	) Motor, Hyd Gear In 17.9 B 1500 (See Breakdowns)	1
2	47508	(004000-	) Ftg-Hyd StrJm06/Om10	2
3	76461	(004000-	) Sleeve, Nylon #27 55.OI	1
4	67366	(004000-	) Clamp, Cable, Stl, 1.0x2.0x0.62w, 1hole	2
5	21250	(004000-	) Guard Wldt, Sidebrush	1
6	21252	(004000-	) Guard, Side Brush	1
7	75142	(004000-	) Bracket, Mounting, Motor	1
8	65174	(004000-	) Spacer	5
9	75099	(004000-	) Bracket Wldt, Pivot	1
10	04761	(004000-	) Bearing, Flange .875 Bore	2
11	74059	(004000-	) Spacer	1
12	75899	(004000-	) Bracket, Angle	1
13	75117	(004000-	) Bracket Wldt, Lift	1
14	70627	(004000-	) Bearing	1
15	70526	(004000-	) Shaft, Pivot	1
16	70524	(004000-	) Washer, 1.300B 3.000	1
17	70525	(004000-	) Spacer	1
18	36328	(004000-	) Washer-Belleville .50 Pltd	1
19	70431	(004000-	) Pin	1
20	70626	(004000-	) Bolt-Eye M8-1.25	2
21	65160	(004000-	) Spring, Extension	2
22	65173	(004000-	) Bracket, Spring	1
23	65180	(004000-	) Spring, Comp	1
24	375417	(004000- xxxxxx	) Replacement Kit, Side Brush Cable, Lh	1
25	07790	(004000-	) Nut, Hex, Flng, M6 X 1.00	1
26	84015	(004000-	) Valve-Hyd, Solenoid (See Breakdowns)	1
27	47637	(004000-	) Ftg-Hyd Str Om08/Of06	1
28	67683	(004000-	) Ftg-Hyd Tee Jm06Omjm	1
29	44868	(004000-	) Ftg-Hyd E90 Jm08/Om08	1
30	45482	(004000-	) Ftg-Hyd Tee Jm08Jmjf	1
31	47753	(004000-	) Ftg-Hyd Str Jm06/Jf08	1
32	17980	(004000-	) Ftg-Hyd E90 Jm08/Jf08	1
33	63416	(004000-	) Washer, .310B .88D .12Rbr	4
34	84581	(004000-	) Pin Assy, .312X3.0 W/Lanyard	1
35	56690	(004000-	) Ftg-Hyd Str Jm06/Om06	2
36	79621	(004000-	) Check Valve, 100 Psi	1
37	79622	(004000-	) Plate, Mtg, Check Valve	1
38	21251	(004000-	) Plate, Angle	1
39	16472	(004000-	) Fitting - 45	1
40	375403	(004000-	) Spring, Torsion	1
41	375401	(xxxxxx-	) Cable	1
42	1017898	(xxxxxx-	) Hook, Cable, .44d Ball	1
43	375404	(xxxxxx-	) Spacer	1
44	36758	(xxxxxx-	) Bolt, Shld, .50d X 0.50, .38-16	1
45	32486	(xxxxxx-	) Washer, Flat	2
46	20192	(004000-	) Screw, Flt, .50-13 X 2.00, Al	1
47	32985	(004000-	) Nut, Hex, Lock, .50-13, NI	1
48	12459	(004000-	) Screw, Hex, M6 X 1.0 X 20, Fmg	1
49	41185	(004000-	) Washer, Belleville, .25	2
50	09291	(004000-	) Screw, Hex, M10 X 1.5 X 20, Ss	1

Fig. 13 - Brush Group, Side, L.H.

Ref.	Part No.	Serial Number	Description	Qty.
51	39311	(004000-	) Nut, Hex, Std, M8 X 1.25	2
52	39312	(004000-	) Nut, Hex, Std, M10 X 1.5	1
53	08709	(004000-	) Nut, Hex, Lock, M8 X 1.25, NI	1
54	32496	(004000-	) Screw, Pan, #10-24 X 0.50, Fmg	1
55	41342	(004000-	) Screw, Hex, M8 X 1.25 X 40, 8.8	1
56	06535	(004000-	) Screw, Flt, M10 X 1.5 X 35, 10.9	1
57	39284	(004000-	) Screw, Hex, M10 X 1.5 X 35, 8.8	3
58	07792	(004000-	) Nut, Hex, Flng, M10 X 1.5	8
59	09081	(004000-	) Screw, Flt, M10 X 1.5 X 25, 10.9	4
60	32485	(004000-	) Washer, Flat, 0.38 Sae	9
61	39283	(004000-	) Screw, Hex, M10 X 1.5 X 25, 8.8	2
62	41430	(004000-	) Nut, Hex, Lock, M10 X 1.5, NI	4
63	32492	(004000-	) Washer, Flat, 0.38 Std	7
64	09770	(004000-	) Screw, Hex, M10 X 1.5 X 25, Ss, NI	4
65	34195	(004000-	) Screw, Hex, .38-16 X 1.00, NI	4
66	07787	(004000-	) Nut, Hex, Std, M10 X 1.5, Ss	3
67	76438	(004000-	) Screw, Hex, M10 X 1.5 X 90, 8.8, FI	1
68	06944	(004000-	) Screw, Hex, M6 X 1.0 X 25, 8.8	1

OPTIONS

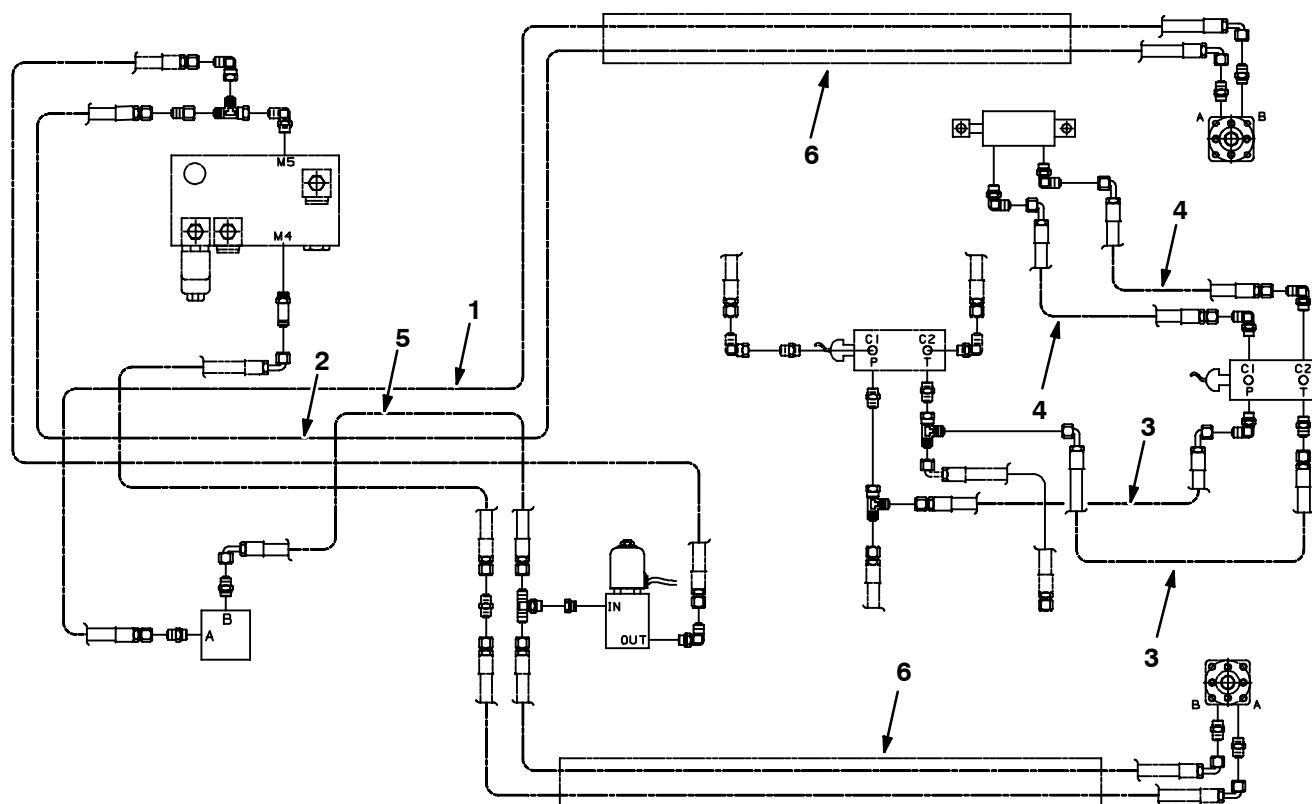
Fig. 14 - Brush Wire Harness Group, Side, L.H.



10501 - ALL

Ref.	Part No.	Serial Number	Description	Qty.
1	83699	(004000-)	Harness, Side Brush, L.H.	1

Fig. 15 - Brush Hydraulic Hose Group, Side, L.H.



08763 - 800

Ref.	Part No.	Serial Number	Description	Qty.
1	76684	(004000-	) Hose-Hyd Med 06	1
2	31597	(004000-	) Hose, Hyd, Med06, Jf06e90/Jf06str, 068.0	1
3	78998	(004000-	) Hose-Hyd Med 06	2
4	57963	(004000-	) Hose-Hyd Med 04	2
5	01999	(004000-	) Hose-Hyd Med 06	1
6	76461	(004000-	) Sleeve, Nyl, #27 55.0l	2

Fig. 16 - Brush Light Kit, Side

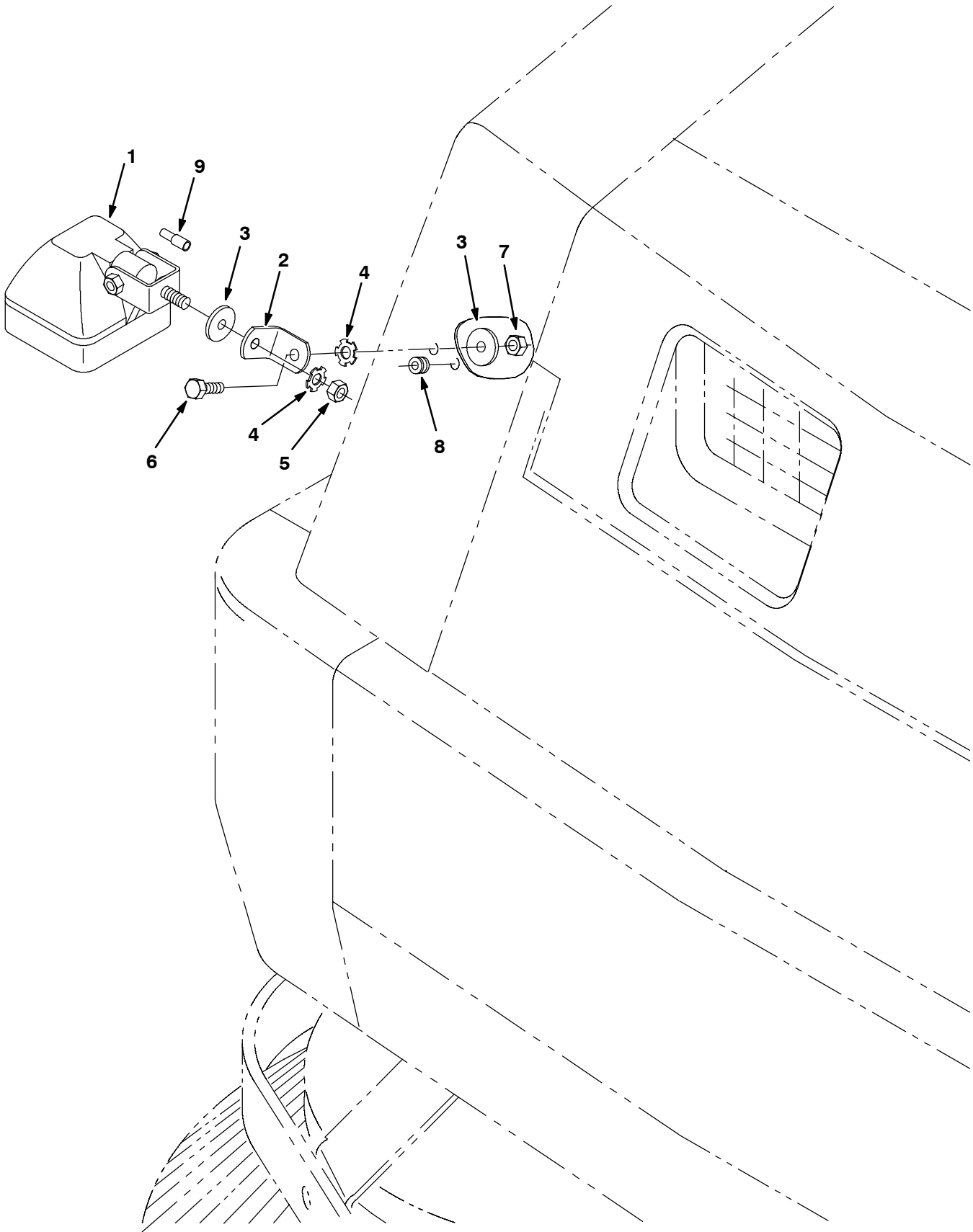


Fig. 16 - Brush Light Kit, Side

	Ref.	Part No.	Serial Number	Description	Qty.
▽		70699	(004000-	) Light Kit, Side Brush	1
▲▽	1	382979	(004000-	) Light, Spot, 12VDC 55w	1
▲▲		393770	(004000-	) Lamp, 12VDC 55w	1
▲	2	76385	(004000-	) Bracket, Angle	1
▲	3	30013	(004000-	) Washer, Flat, 0.31 Fender	1
▲	4	41141	(004000-	) Washer-Loc Int-Ext .31 Pltd	2
▲	5	32960	(004000-	) Nut, Hex, Lock, .31-24, NI	1
▲	6	16931	(004000-	) Screw, Hex, M08 X 1.25 X 20, 8.8	1
▲	7	08709	(004000-	) Nut, Hex, Lock, M08 X 1.25, NI	1
▲	8	10632-5	(004000-	) Grommet Rbr 0.25ld For .09Matl	1
▲	9	32668	(004000-	) Connector, Ele, Plug, Femal, .156d	1

Fig. 17 - Cab Kit

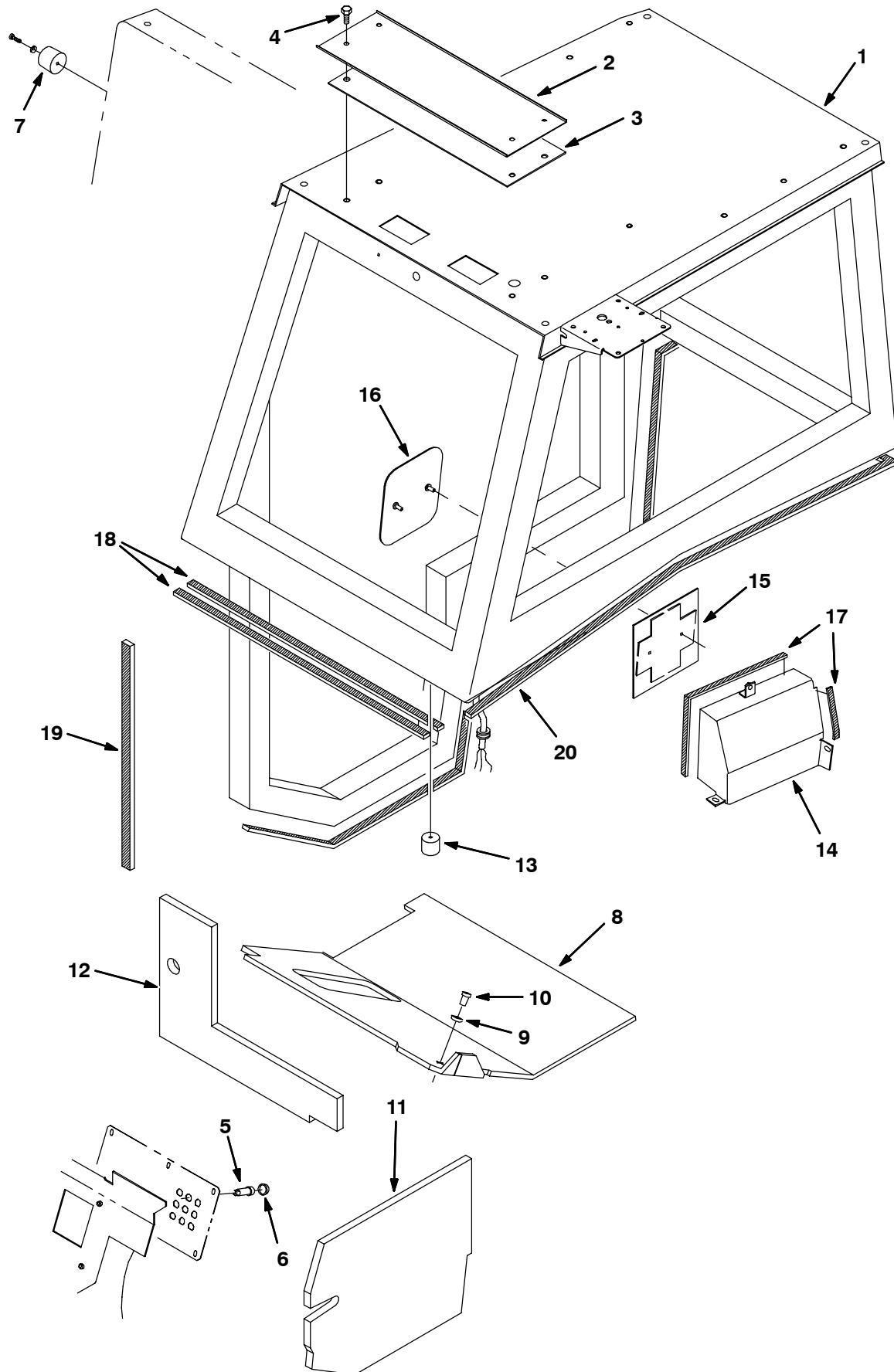


Fig. 17 - Cab Kit

NOTE: The Cab kit, TENNANT Part Number 380601 is for gas machines and includes Fig. 17, Fig. 18 and Fig. 19.

NOTE: The Cab kit, TENNANT Part Number 380604 is for Lpg machines and includes Fig. 17, Fig. 18, and Fig. 19.

Ref.	Part No.	Serial Number	Description	Qty.
1	380602	(004000-	) Cab Assembly Operator (See Breakdowns)	1
2	380634	(004000-	) Cover, Cab Pressurizer	1
3	380635	(004000-	) Gasket, Cab Pressurizer	1
4	74455	(004000-	) Scr-Hxfmgm 6x1.0 12 Pltd	4
5	57803	(004000-	) Breaker-Circuit, 15 Resetable	1
6	57751	(004000-	) Boot, Circuit Breaker	1
7	44851	(004000-	) Bumper, Rubber	1
8	76522	(004000-	) Tread, Rubber	1
9	41178	(004000-	) Washer-Flt .25 Fender	1
10	21246	(004000-	) Rivet, Plastic	1
11	77652	(004000-	) Insulation, Acstc, Side, Lower, .8t	1
12	76516	(004000-	) Insulation, Acstc, Front, Lower	1
13	383185	(004000-	) Latch Assy, Rbr, 1.6d 1.4l/1.0d 1.0l	1
14	70620	(004000-	) Cover Wldt, Fuel Inlet	1
15	70785	(004000-	) Plate Wldt, Inlet, Fuel (LPG Only)	1
16	70788	(004000-	) Cover Wldt, Inlet, Fuel (LPG Only)	1
17	79011	(004000-	) Seal, Urethane	1
18	374760	(004000-	) Seal, Urethane	1
19	374761	(004000-	) Seal, Urethane	1
20	374762	(004000-	) Seal, Urethane	1

Fig. 18 - Cab Mirror Kit

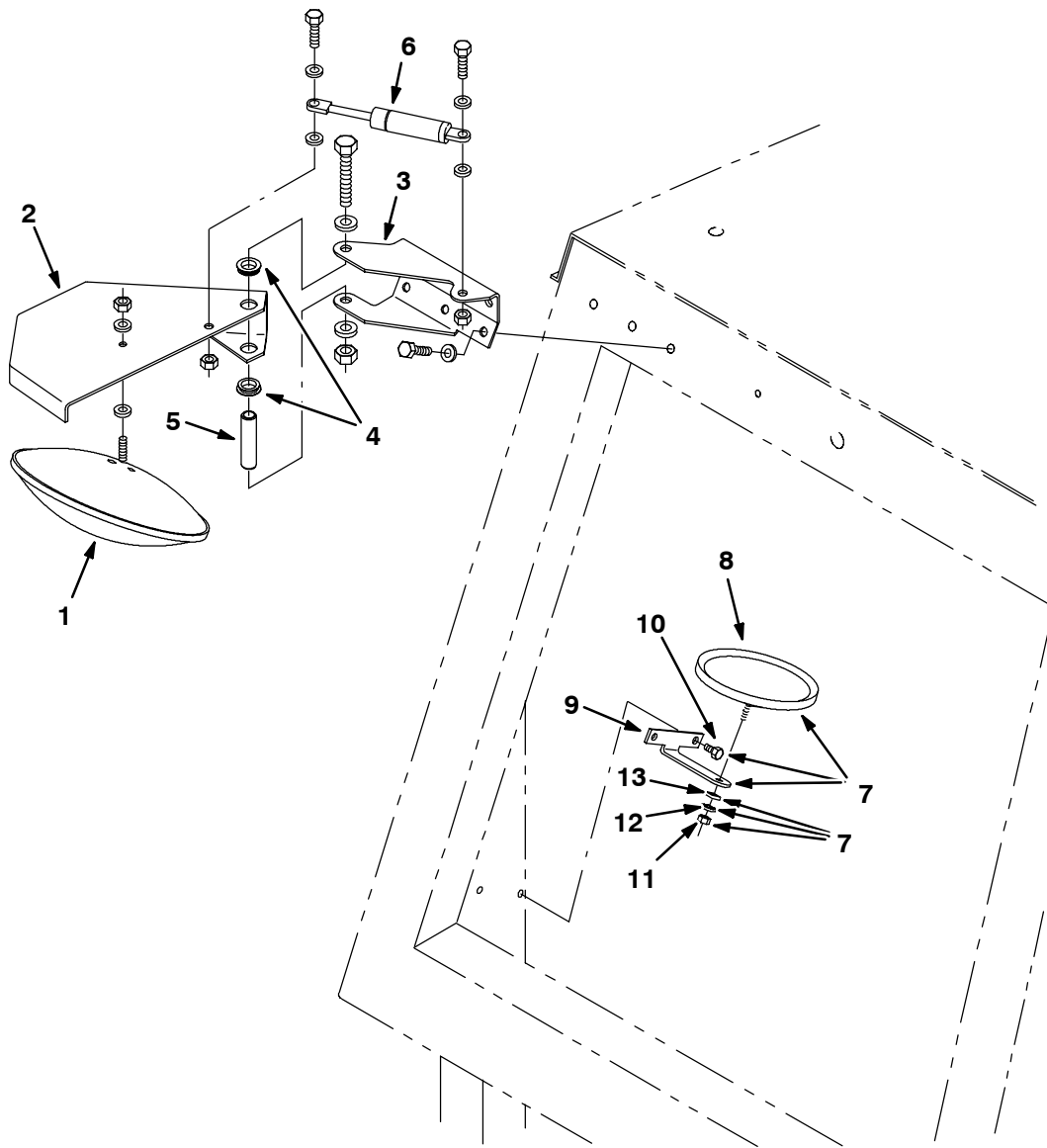


Fig. 18 - Cab Mirror Kit

NOTE: The Cab kit, TENNANT Part Number 380601 is for gas machines and includes Fig. 17, Fig. 18 and Fig. 19.

NOTE: The Cab kit, TENNANT Part Number 380604 is for Lpg machines and includes Fig. 17, Fig. 18 and Fig. 19.

	Ref.	Part No.	Serial Number	Description	Qty.
▽		76898	(004000-	) Mirror Kit, Side Brush	1
▲	1	68445	(004000-	) Mirror,8.0 Round,Convex	1
▲	2	75881	(004000-	) Guard, Mirror	1
▲	3	75880	(004000-	) Bracket, Mounting, Mirror	1
▲	4	41434	(004000-	) Bshg,Flange,0.62Bx0.68Od,Nylon	2
▲	5	70761	(004000-	) Tube, 0.62D .44B 2.44, Stl	1
▲	6	12549	(004000-	) Spring, Gas 80 Lb	1
▲▽	7	369786	(004000-	) Mirror Assembly	1
▲▲	8	369787	(004000-	) Mirror, Flat	1
▲▲	9	49032	(004000-	) Bracket, Mtg, Mirror	1
▲▲	10	74455	(004000-	) Screw, Hex m06	2
▲▲	11	01691	(004000-	) Nut, Hex, Std, .31-18, Ss	1
▲▲	12	43952	(004000-	) Washer, Lock, Int, 0.31 Ss	1
▲▲	13	01685	(004000-	) Washer, Flat, 0.31 Ss	1

Fig. 19 - Cab Seals Group

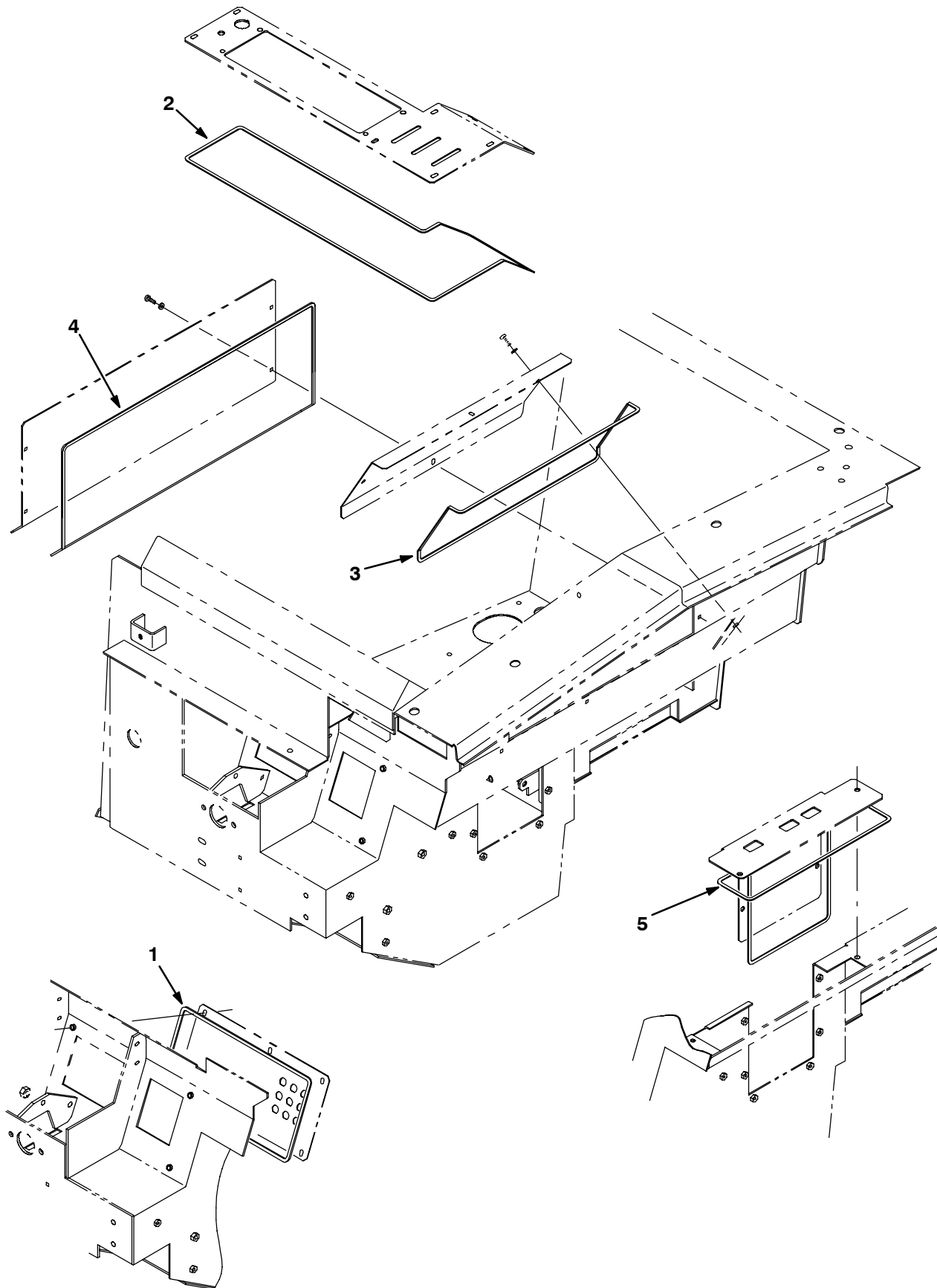


Fig. 19 - Cab Seals Group

NOTE: The Cab kit, TENNANT Part Number 380601 is for gas machines and includes Fig. 17, Fig. 18 and Fig. 19.

NOTE: The Cab kit, TENNANT Part Number 380604 is for Lpg machines and includes Fig. 17, Fig. 18 and Fig. 19.

Ref.	Part No.	Serial Number	Description	Qty.
1	1021969	(004000-	) Seal, Foam, .06t .25w 42.0l	1
2	1021968	(004000-	) Seal, Foam, .06t .25w 84.0l	1
3	1021937	(004000-	) Seal, Foam, .06t .25w 54.0l	1
4	1021966	(004000-	) Seal, Foam, .06t .25w 76.0l	1
5	1021951	(004000-	) Seal, Foam, .06t .25w 34.0l	1

Fig. 20 - Cab AC and Heater Box Group, Ford

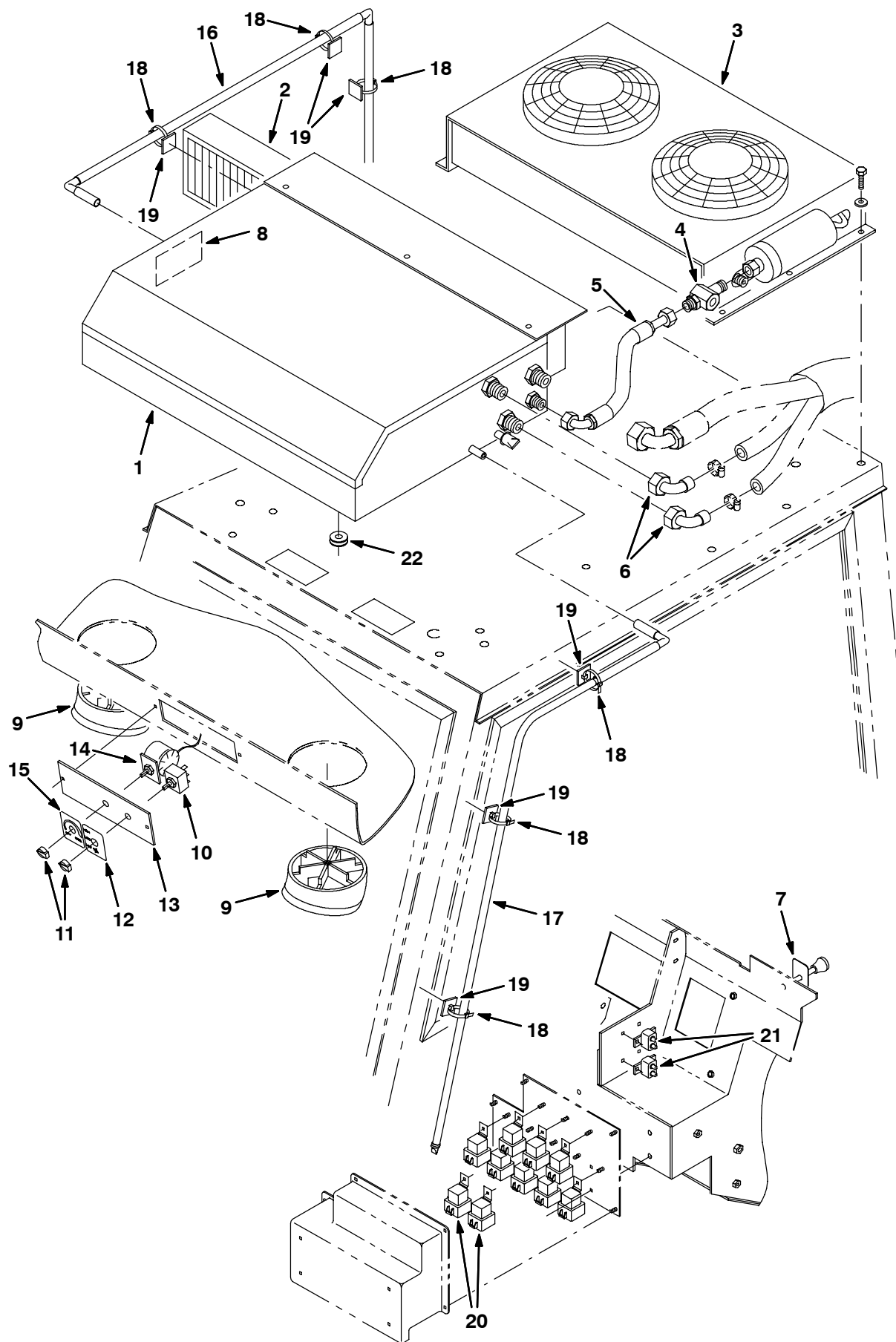


Fig. 20 - Cab AC and Heater Box Group, Ford

NOTE: AC/Heater kit, TENNANT Part Number 380574 includes Fig. 20, Fig. 21, and Fig. 22.

	Ref.	Part No.	Serial Number	Description	Qty.
▽		380576	(004000-004936)	Heater & A/C, W/ Fan, Roof	1
▲	1	380613	(004000-004936)	Box Assy, Heater, A/C (See Breakdowns)	1
▲	2	380689	(004000-004936)	Filter, Panel, Heat-A/C	1
▲	3	380625	(004000-004936)	Condenser, A/C, Roof (See Breakdowns)	1
▲	4	380630	(004000-004936)	Gauge, Sight, A/C	1
▲	5	380684	(004000-004936)	Hose, A/C, 06 09.0l	1
▲	6	380615	(004000-004936)	Fitting, Elbow	2
▲	7	380663	(004000-004936)	Label, Opertnl, Pull Heat	1
▲	8	380673	(004000-004936)	Label, Caution	1
▲	9	380617	(004000-004936)	Louver, Adj, Heat-A/C	2
▲	10	380619	(004000-004936)	Switch, 3 Pos, Blower, Heat	1
▲	11	380661	(004000-004936)	Knob, Rnd, Control, Heat-A/C	2
▲	12	380662	(004000-004936)	Label, Opertnl, Fan, Hi/Med/Low	1
▲	13	380690	(004000-004936)	Plate, Mtg, Switch, A/C	1
▲	14	380624	(004000-004936)	Switch, Thermo, A/C	1
▲	15	380665	(004000-004936)	Label, Opertnl, Temp	1
▲	16	374134	(004000-004936)	Hose Assy, Drain, A/C	1
▲	17	374135	(004000-004936)	Hose Assy, Drain, A/C	1
▲	18	49266	(004000-004936)	Tie, Cable, Nyl, 07.3l .19w 1.8 Max D	10
▲	19	55248	(004000-004936)	Mount, Cable Tie	10
	20	56186	(004000-004936)	Relay, 12vdc, 40a, Spdt N/O	2
	21	374210	(004000-004936)	Circuitbreaker, 20.0a, Thermal	2
	22	77811	(004000-004936)	Grommet, Cab, Harness, Wire	1

Fig. 21 - Cab AC and Heater Hose Group, Ford

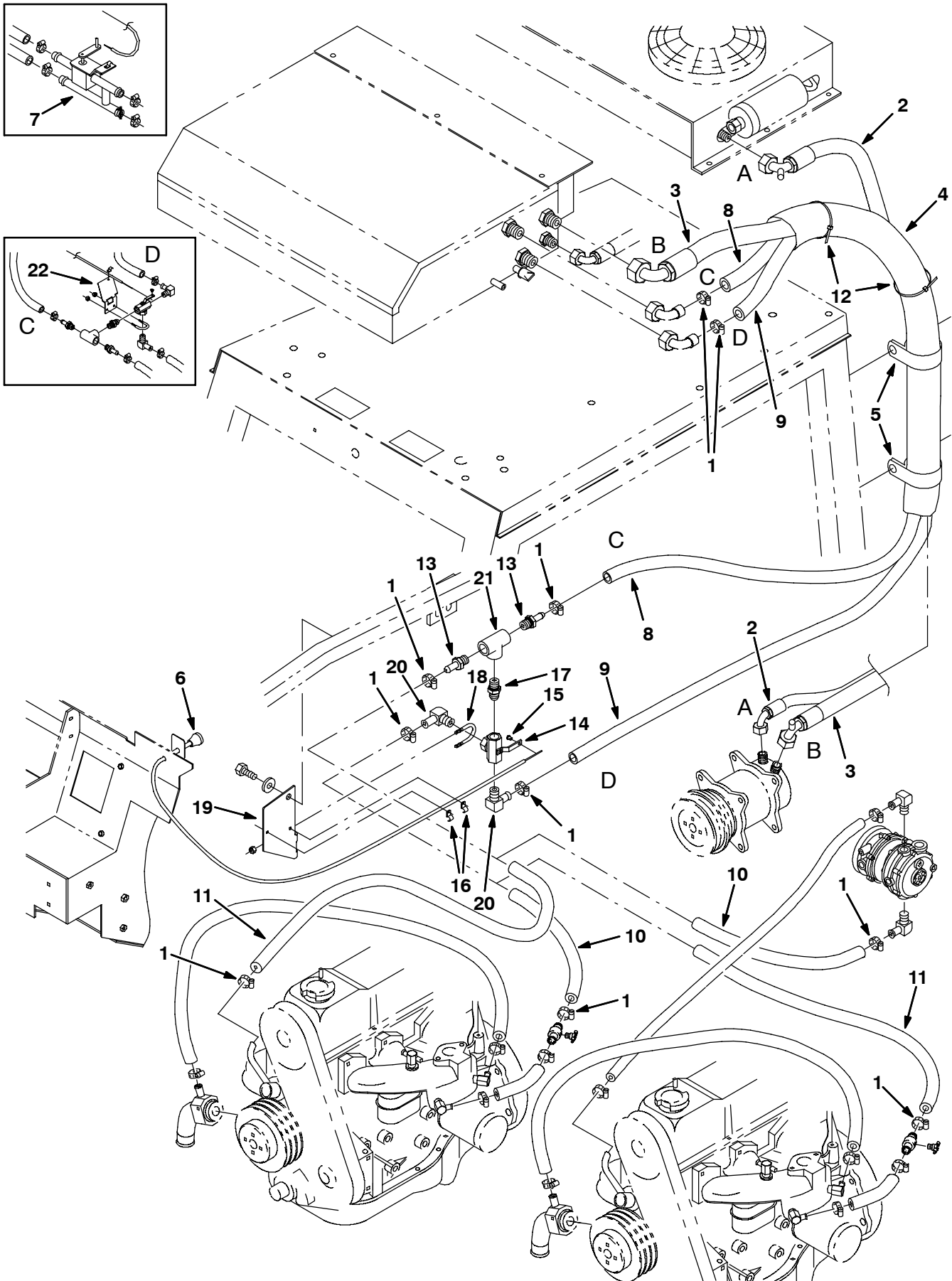


Fig. 21 - Cab AC and Heater Hose Group, Ford

NOTE: AC/Heater kit, TENNANT Part Number 380574 includes Fig. 20, Fig. 21, and Fig. 22.

Ref.	Part No.	Serial Number	Description	Qty.
1	63810	(004000-004936)	Clamp, Hose, Wormdrive, 0.56-1.06d	8
2	380685	(004000-004936)	Hose, A/C, 08 100.0l [R134]	1
3	380686	(004000-004480)	Hose, A/C, 12 107.0l [R134]	1
3	375751	(004481-004936)	Hose, A/C, 12 115.0l [R134]	1
4	375512	(004000-004936)	Sleeve, Nyl, #33 65.0l	1
5	41016	(004000-004936)	Clamp, Cable, Stl, 2.25d X 1.00w, 1h	1
6	43558A	(004000-004936)	Cable, Cntrl, Choke, 85/90l 1.4d Knob	1
7	380618	(004000-004374)	Valve, Water, Heater, H, 10bm	1
8	380621	(004000-004936)	Hose, Heater, 0.62id 80.0l	1
9	380620	(004000-004936)	Hose, Heater, 0.62id 77.0l	1
10	72979	(004000-004718)	Hose, Heater, 0.62id 20.0l	1
10	61870	(004719-004936)	Hose, Heater, 0.62id 31.0l	1
11	72978	(004000-004718)	Hose, Heater, 0.62id 13.0l	1
11	61869	(004719-004936)	Hose, Heater, 0.62id 24.0l	1
12	763116	(004000-004936)	Tie, Cable, Nyl, 15.3l . W 4.5 Max D	3
▽	375728	(004375-004936)	Valve Assy, Ball, 3 Way, Em10/Em10/Em10	1
▲	13 59901	(004375-004936)	Fitting, Brs, Str, Em10/Pm08	2
▲	14 31507	(004375-004936)	Valve, Ball, 3-way, 08pf/08pf/08pf Brs	1
▲	15 43242	(004375-004936)	Swivel	1
▲	16 09092-1	(004375-004936)	Clamp, Cable, Stl, 0.18d X 0.75w, 1h	2
▲	17 40573	(004375-004936)	Fitting, Hyd, Str, Pm08/Pm08	1
▲	18 45142	(004375-004936)	Bolt, U, .25-20 X 2.00, 1.10id	1
▲	19 374129	(004719-004936)	Bracket, Mtg, Valve, Cntrl, Heater	1
▲	20 30268	(004375-004936)	Fitting, Brs, E90, Em10/Pm08	2
▲	21 24450	(004375-004936)	Fitting, Brs, Tee, Pf08/Pf08/Pf08	1
	22 375726	(004375-004718)	Bracket, Mtg, Valve,Control, Heater	1

Fig. 22 - Cab AC Compressor Group, Ford

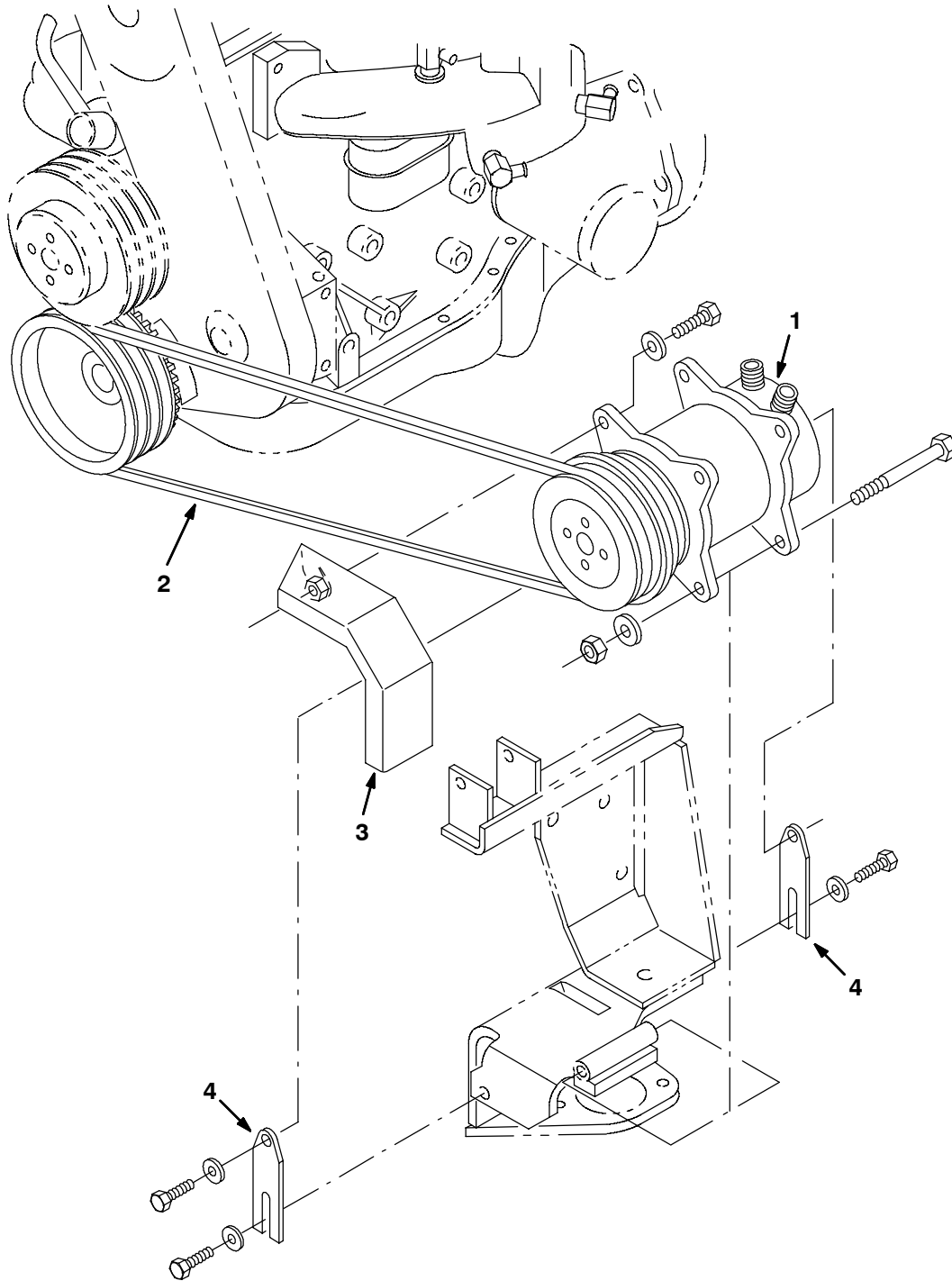


Fig. 22 - Cab AC Compressor Group, Ford

NOTE: AC/Heater kit, TENNANT Part Number 380574 includes Fig. 20, Fig. 21, and Fig. 22.

Ref.	Part No.	Serial Number	Description	Qty.
1	77674	(004000-004936)	Compressor, A/C	1
2	380676	(004000- xxxxxx)	Belt, V, Hc41 41.1L	1
2	375729	(xxxxxx-004936)	Belt, V, Hc41 40.1L	1
3	380563	(004000-004936)	Bracket, Belt, Guard, Ac	1
4	380697	(004000-004936)	Link, Tension 2.4L	2

Fig. 23 - Cab AC and Heater Box Group, GM

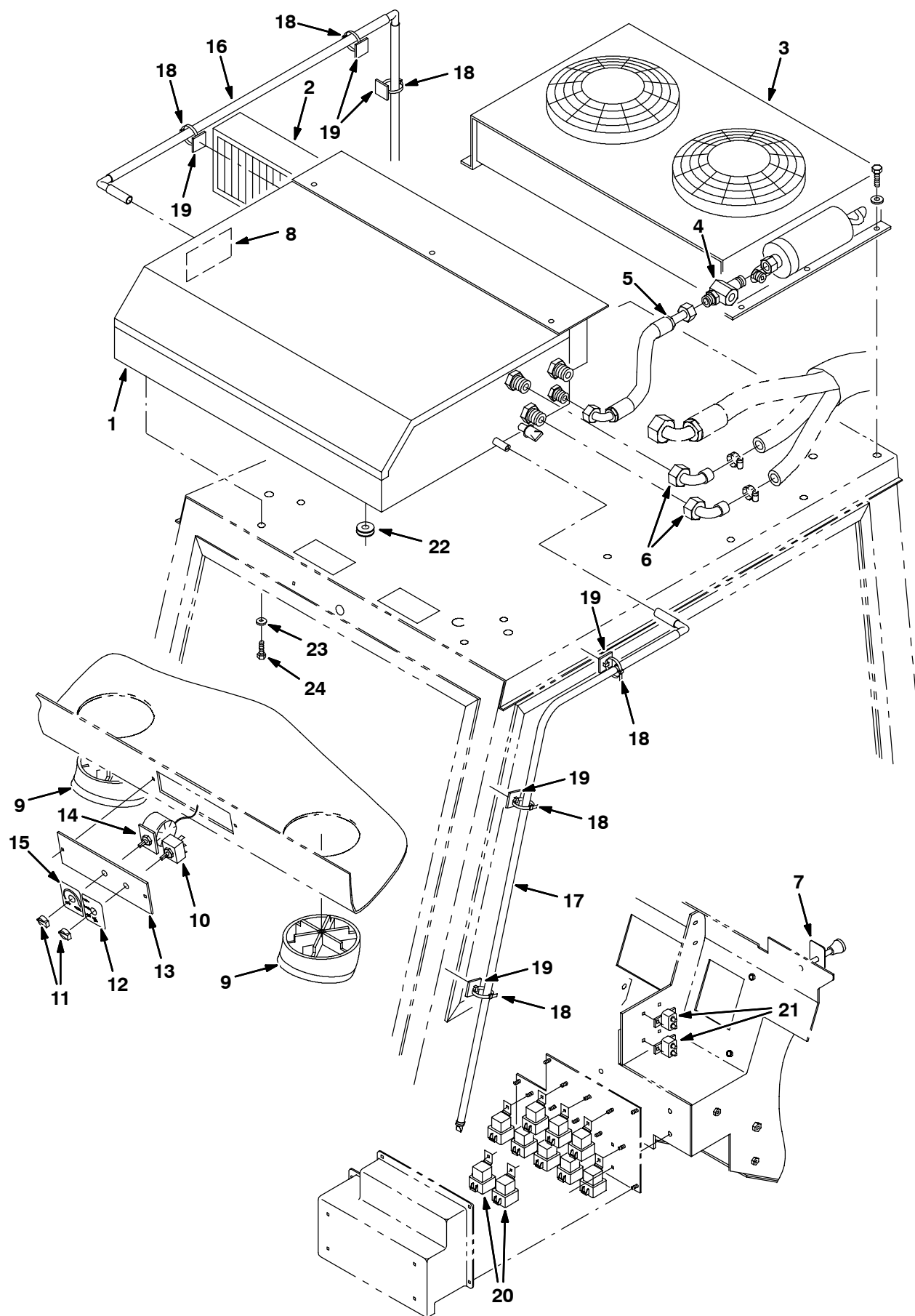


Fig. 23 - Cab AC and Heater Box Group, GM

NOTE: AC/Heater kit, TENNANT Part Number 374287 includes Fig. 23, Fig. 24, and Fig. 25.

NOTE: AC/Heater kit, TENNANT Part Number 9002998 includes Fig. 23, Fig. 24, and .Fig. 26

Ref.	Part No.	Serial Number	Description	Qty.
▽	380576	(004937-	) Heater & A/C, W/ Fan, Roof	1
▲	1 380613	(004937-	) Box Assy, Heater, A/C (See Breakdowns)	1
▲	2 380689	(004937-	) Filter, Panel, Heat-A/C	1
▲	3 380625	(004937-	) Condenser, A/C, Roof (See Breakdowns)	1
▲	4 380630	(004937-	) Gauge, Sight, A/C	1
▲	5 380684	(004937-	) Hose, A/C, 06 09.0l	1
▲	6 380615	(004937-	) Fitting, Elbow	2
▲	7 380663	(004937-	) Label, Opertnl, Pull Heat	1
▲	8 380673	(004937-	) Label, Caution	1
▲	9 380617	(004937-	) Louver, Adj, Heat-A/C	2
▲	10 380619	(004937-	) Switch, 3 Pos, Blower, Heat	1
▲	11 380661	(004937-	) Knob, Rnd, Control, Heat-A/C	2
▲	12 380662	(004937-	) Label, Opertnl, Fan, Hi/Med/Low	1
▲	13 380690	(004937-	) Plate, Mtg, Switch, A/C	1
▲	14 380624	(004937-	) Switch, Thermo, A/C	1
▲	15 380665	(004937-	) Label, Opertnl, Temp	1
▲	16 374134	(004937-	) Hose Assy, Drain, A/C	1
▲	17 374135	(004937-	) Hose Assy, Drain, A/C	1
▲	18 49266	(004937-	) Tie, Cable, Nyl, 07.3l .19w 1.8 Max D	10
▲	19 55248	(004937-	) Mount, Cable Tie	10
	20 56186	(004937-	) Relay, 12vdc, 40a, Spdt N/O	2
	21 374210	(004937-	) Circuitbreaker, 20.0a, Thermal	2
	22 77811	(004937-	) Grommet, Cab, Harness, Wire	1
	23 32490	(004937-	) Washer, Flat, 0.25 Std	12
	24 12459	(004937-	) Screw, Hex, M6 X 1.0 X 20, Fmg	12

Fig. 24 - Cab AC and Heater Hose Group, GM

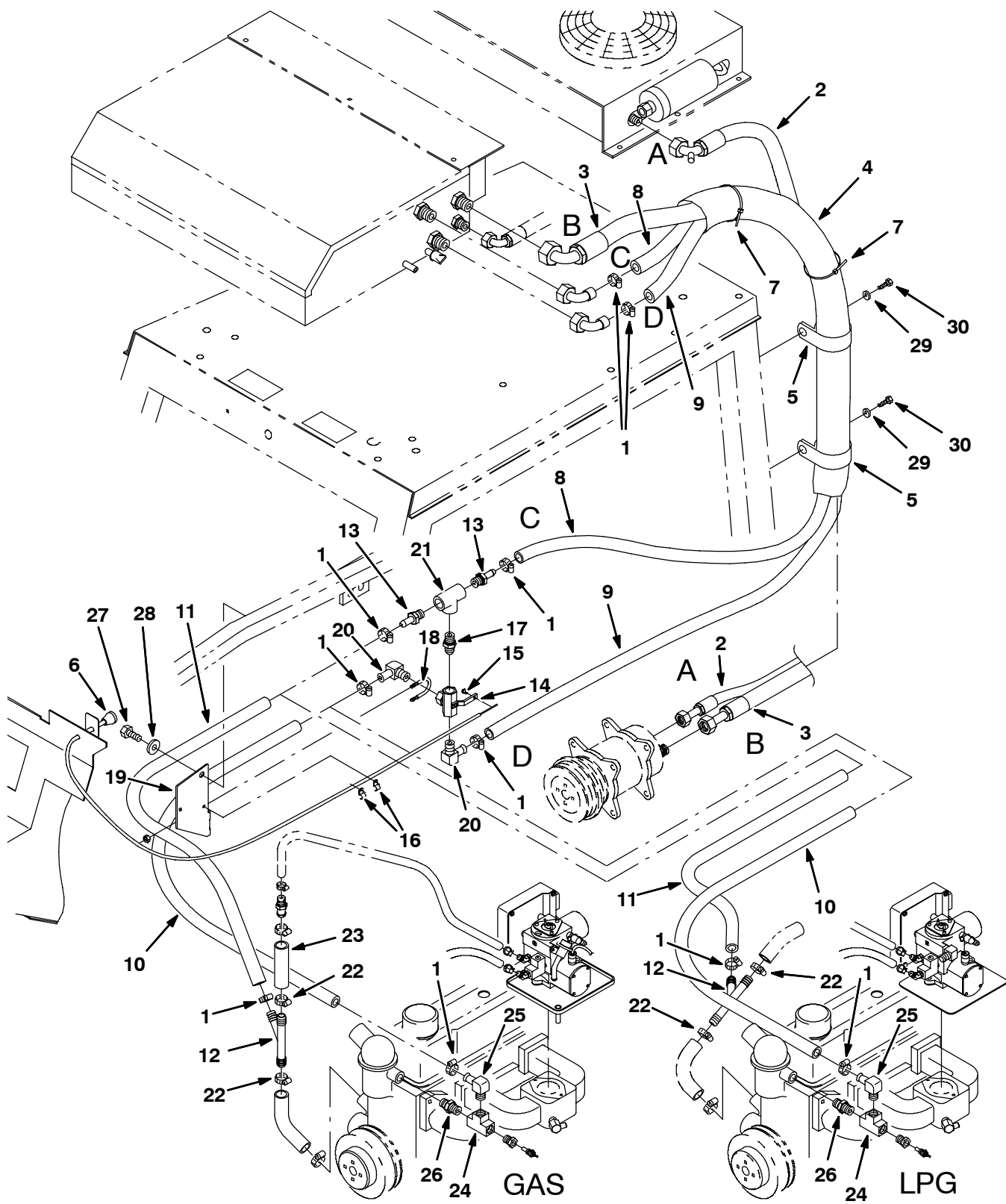


Fig. 24 - Cab AC and Heater Hose Group, GM

NOTE: AC/Heater kit, TENNANT Part Number 374287 includes Fig. 23, Fig. 24, and Fig. 25.

NOTE: AC/Heater kit, TENNANT Part Number 9002998 includes Fig. 23, Fig. 24, and .Fig. 26

Ref.	Part No.	Serial Number	Description	Qty.
1	63810	(004937-	) Clamp, Hose, Wormdrive, 0.56-1.06d	8
2	1021799	(004937-	) Hose, A/C, 08, Str/E90, 112.0l [R134]	1
3	1021797	(004937-	) Hose, A/C, 12, Str/E90, 127.0l [R134]	1
4	375512	(004937-	) Sleeve, Nyl, #33 65.0l	1
5	41016	(004937-	) Clamp, Cable, Stl, 2.25d X 1.00w, 1h	2
6	43558A	(004937-	) Cable, Cntrl, Choke, 85/90l 1.4d Knob	1
7	763116	(004937-	) Tie, Cable, Nyl, 15.3l . W 4.5 Max D	3
8	380621	(004937-	) Hose, Heater, 0.62id 80.0l	1
9	380620	(004937-	) Hose, Heater, 0.62id 77.0l	1
10	61870	(004937-	) Hose, Heater, 0.62id 31.0l	1
11	61869	(004937-	) Hose, Heater, 0.62id 24.0l	1
12	393255	(004937-	) Fitting, Plstc, Tee, Bm12/Bm12/Bm12	1
▽	375728	(004937-	) Valve Assy, Ball, 3 Way, Em10/Em10/Em10	1
▲	13 59901	(004937-	) Fitting, Brs, Str, Em10/Pm08	2
▲	14 31507	(004937-	) Valve, Ball, 3-way, 08pf/08pf/08pf Brs	1
▲	15 43242	(004937-	) Swivel	1
▲	16 09092-1	(004937-	) Clamp, Cable, Stl, 0.18d X 0.75w, 1h	2
▲	17 40573	(004937-	) Fitting, Hyd, Str, Pm08/Pm08	1
▲	18 45142	(004937-	) Bolt, U, .25-20 X 2.00, 1.10id	1
▲	19 374129	(004937-	) Bracket, Mtg, Valve, Cntrl, Heater	1
▲	20 30268	(004937-	) Fitting, Brs, E90, Em10/Pm08	2
▲	21 24450	(004937-	) Fitting, Brs, Tee, Pf08/Pf08/Pf08	1
22	11399	(004937-	) Clamp, Hose, Wormdrive, 0.81-1.50d	2
23	75197	(004937-	) Hose, Heater, 0.75id 04.0l	1
24	24450	(004937-	) Fitting, Brass, Tee	1
25	30268	(004937-	) Fitting, Brs, E90, Em10/Pm08	1
26	40573	(004937-	) Fitting, Hyd, Str, Pm08/Pm08	1
27	16930	(004937-	) Screw, Hex, M10 X 1.5 X 50, 8.8	1
28	32492	(004937-	) Washer, Flat, 0.38 Std	1
29	32490	(004937-	) Washer, Flat, 0.25 Std	2
30	12459	(004937-	) Screw, Hex, M6 X 1.0 X 20, Fmg	2

Fig. 25 - Cab AC Compressor Group, GM GM (004937-006999)

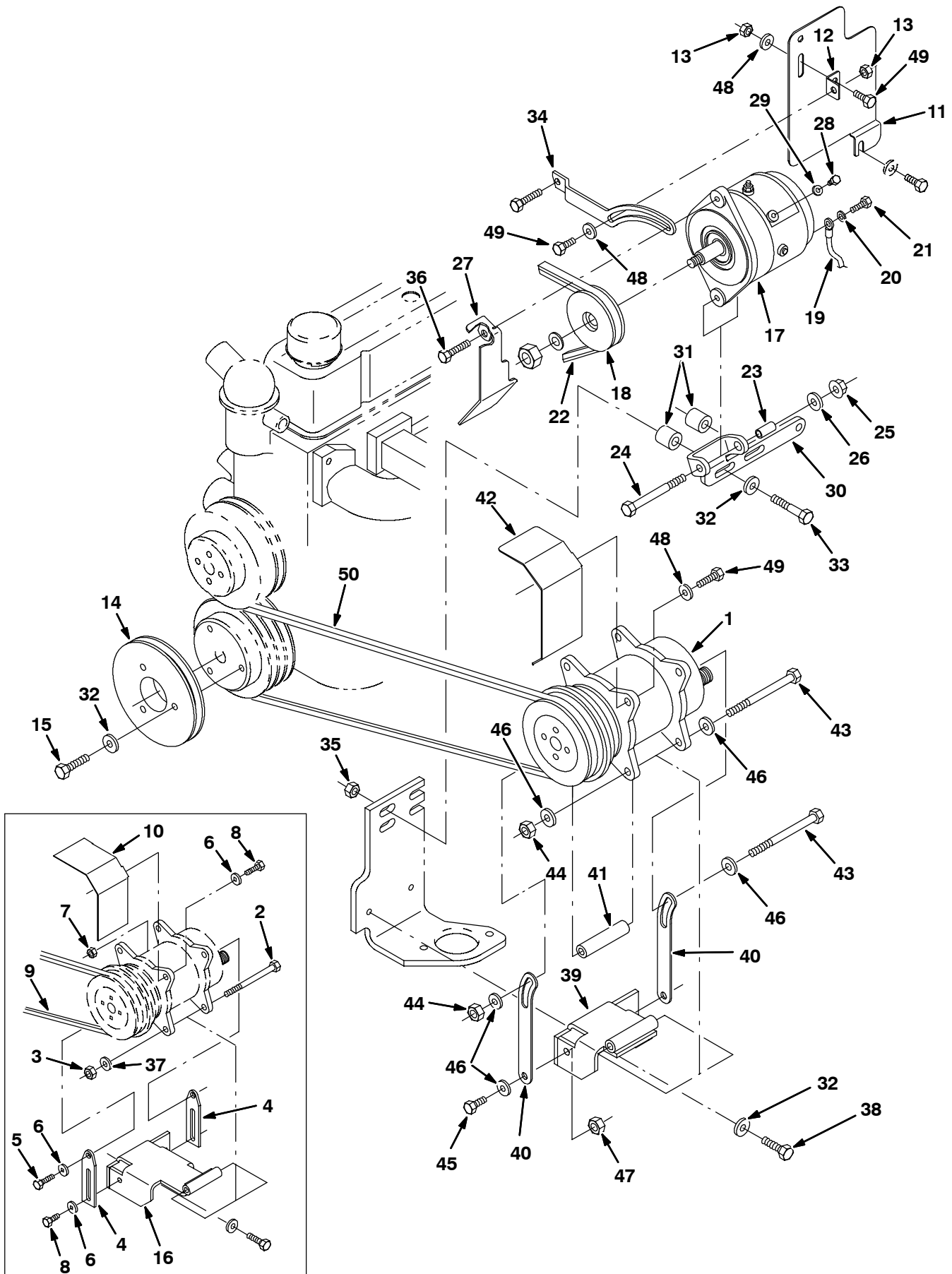


Fig. 25 - Cab AC Compressor Group, GM (004937-006999)

NOTE: AC/Heater kit, TENNANT Part Number 374287 includes Fig. 23, Fig. 24, and Fig. 25.

NOTE: AC/Heater kit, TENNANT Part Number 9002998 includes Fig. 23, Fig. 24, and .Fig. 26

Ref.	Part No.	Serial Number	Description	Qty.
1	393219	(004937-006999)	Compressor, A/C	1
2	20177	(004937-006348)	Screw, Hex, .38-16 X 4.00, 5	1
3	59156	(004937-006348)	Nut, Hex, Lock, .38-16, NI, Ss	1
4	73717	(004937-006348)	Arm, Tension, A/C, .18 1.3w 4.2l	1
5	76570	(004937-006348)	Screw, Hex, M8 X 1.25 X 30, 8.8	2
6	32491	(004937-006348)	Washer, Flat, 0.31 Std	4
7	08709	(004937-006348)	Nut, Hex, Lock, M8 X 1.25, NI	2
8	16931	(004937-006348)	Screw, Hex, M8 X 1.25 X 20, 8.8	4
9	64899	(004937-006348)	Belt, V, [3v] 40.0l, 1only [Hc38]	1
10	1007343	(004937-006348)	Bracket, Belt, Guard, A/C	1
11	1019513	(004937-006999)	Plate, Shield, Heat	1
12	1008513	(004937-006999)	Angle, Heat, Shield	1
13	39311	(004937-006999)	Nut, Hex, Std, M08 X 1.25	2
14	393201	(004937-006999)	Sheave, Aux, [Hc38], 1Grv 6.8od [Gm 3.0L]	1
15	39670	(004937-006999)	Screw, Hex, .38-24 X 1.50, 5	3
16	392613	(004937-006348)	Bracket Wldt, Mtg, A/C	1
17	75828	(004937-006999)	Alternator, 12vdc, 100A [Brushless]	1
18	77555	(004937-006999)	Sheave, [3L], 1Grv, 03.5Pd 0.67B	1
19	31525	(004937-006999)	Wire, 10ga 16.0l Blk .38ring /.25ring	1
20	371509	(004937-006999)	Washer, Lock, .38	1
21	39277	(004937-006999)	Screw, Hex, M8 X 1.25 X 25, 8.8	1
22	393244	(004937-006999)	Belt, V, [Hc41] 42.0l	1
23	1008512	(004937-006999)	Bushing, Sleeve, .40b X .50d X 1.06l	1
24	34877	(004937-006999)	Screw, Hex, M10 X 1.5 X 100, 8.8	1
25	07792	(004937-006999)	Nut, Hex, Flng, M10 X 1.5	1
26	41186	(004937-006999)	Washer, Belleville, .31	1
27	1008538	(004937-006999)	Bracket, Guard, Alternator, Hd [Gm3.0l]	1
28	21237	(004937-006999)	Screw, Hex, M4 X 0.7 X 6, 8.8	1
29	32978	(004937-006999)	Washer, Lock, Int, #08	1
30	1008510	(004937-006999)	Bracket, Mtg, Alternator, Hd,[Gm3.0l]	1
31	35756	(004937-006999)	Tube, 01.00d 00.50b 01.0l Stl Pnt	2
32	32492	(004937-006999)	Washer, Flat, 0.38 Std	4
33	27991	(004937-006999)	Screw, Hex, .38-16 X 2.25, 5	2
34	1008519	(004937-006999)	Arm, Alternator, Hd [Gm3.0l]	1
35	50902	(004937-006999)	Nut, Hex, Lock, .38-16, NI	2
36	04375	(004937-006999)	Screw, Hex, M 8 X 1.25 X 40, FI	1
37	32492	(004937-006348)	Washer, Flat, 0.38 Std	6
38	06537	(004937-006999)	Screw, Hex, M10 X 1.5 X 120, 8.8, FI	2
39	1017085	(006349-006999)	Bracket Wldt, Mtg, A/C	1
40	1017102	(006349-006999)	Arm, Tens	2
41	1017292	(006349-006999)	Tube, 00.75d 00.41b 03.3l Stl Pl	2
42	1017515	(006349-006999)	Guard, Belt, A/C	1
43	07819	(006349-006999)	Screw, Hex, M10 X 1.5 X 130, 8.8	2
44	32715	(006349-006999)	Nut, Hex, Lock, M10 X 1.5, Ss	2

Fig. 25 - Cab AC Compressor Group, GM (004937-006999)

NOTE: AC/Heater kit, TENNANT Part Number 374287 includes Fig. 23, Fig. 24, and Fig. 25.

NOTE: AC/Heater kit, TENNANT Part Number 9002998 includes Fig. 23, Fig. 24, and .Fig. 26

Ref.	Part No.	Serial Number	Description	Qty.
45	39283	(006349-006999)	Screw, Hex, M10 X 1.5 X 25, 8.8	2
46	32485	(006349-006999)	Washer, Flat, 0.38 Sae	6
47	41430	(006349-006999)	Nut, Hex, Lock, M10 X 1.5, NI	2
48	32491	(006349-006999)	Washer, Flat, 0.31 Std	4
49	16931	(006349-006999)	Screw, Hex, M8 X 1.25 X 20, 8.8	4
50	380544	(006349-006999)	Belt, V, [3v] 38.5l [Hc38/41]	1



Fig. 26 - Cab AC Compressor Group, GM (007000-

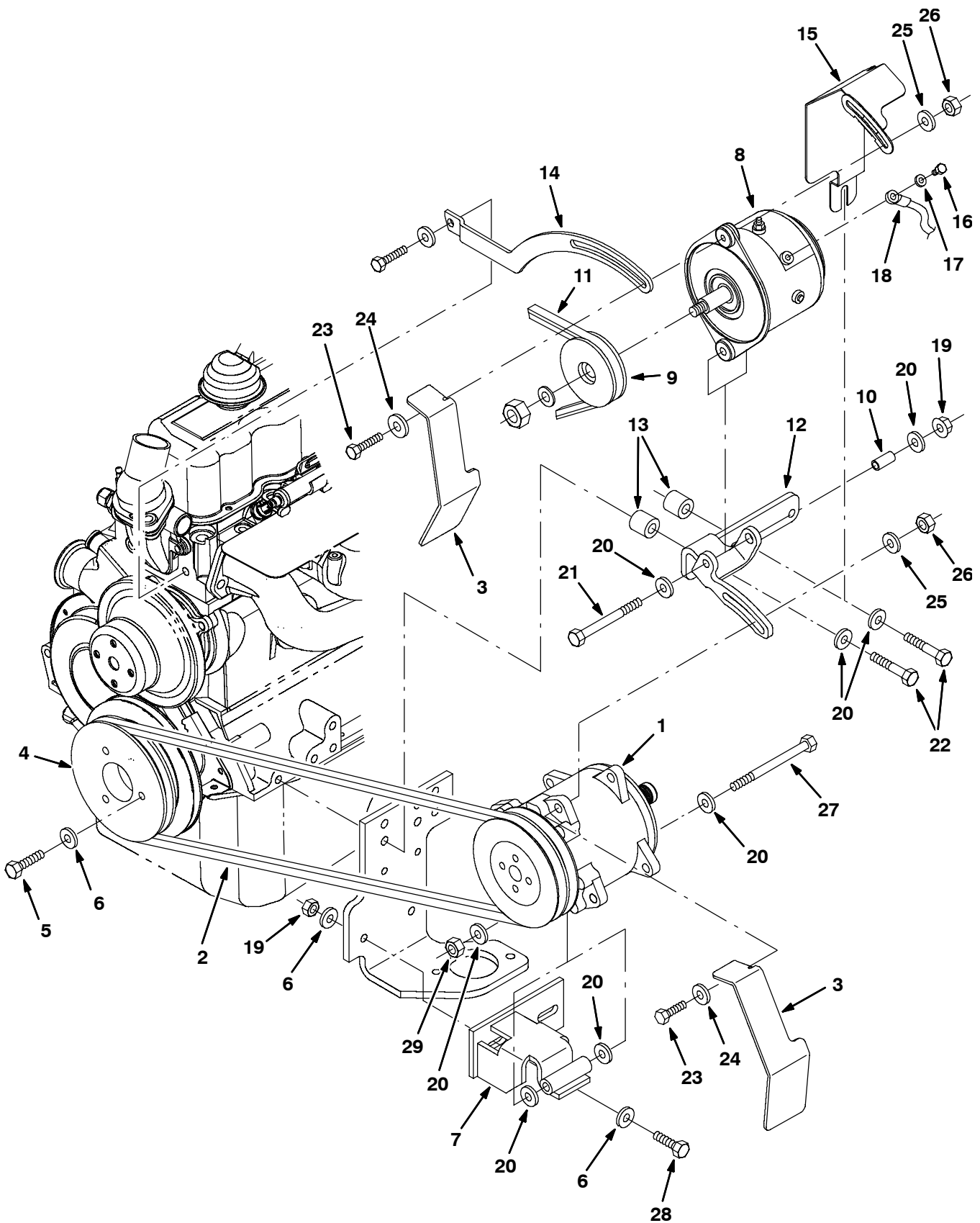


Fig. 26 - Cab AC Compressor Group, GM (007000-)

NOTE: AC/Heater kit, TENNANT Part Number 9002998 includes Fig. 23, Fig. 24, and .Fig. 26

Ref.	Part No.	Serial Number	Description	Qty.
1	1030582	(007000-	) Compressor, A/C [2007]	1
2	380544	(007000-	) Belt, V, 38.5l [Hc38]	1
3	1030762	(007000-	) Bracket, Guard, Alternator, Hd [800/810]	2
4	393201	(007000-	) Sheave, Aux, 1grv, 06.8od [Gm3.0l, Hc38]	1
5	39670	(007000-	) Screw, Hex, .38-24 X 1.50, G5	3
6	32492	(007000-	) Washer, Flat, 0.38, Std	7
7	1030657	(007000-	) Bracket Wldt, Mtg, A/C [800 07]	1
8	1030627	(007000-	) Alternator, Se [800/810, 07]	1
9	77555	(007000-	) Sheave, 01grv, 03.5pd 0.67b [3l]	1
10	371526	(007000-	) Vr, Sleeve, Alternator	1
11	78772	(007000-	) Belt, V, 45.1l [Hc38]	1
12	1030654	(007000-	) Bracket, Mtg, Alternator, Hd[800/810 07]	1
13	35756	(007000-	) Tube, 0.50id 1.00od 01.0l, Stl, Pntd	2
14	1030708	(007000-	) Arm, Adj, Alternator, Hd [800/810 07]	1
15	1032904	(007000-	) Shield, Heat, Alternator, Hd[800/810 07]	1
16	21237	(007000-	) Screw, Hex, M4 X 0.7 X 6, 8.8	1
17	32978	(007000-	) Washer, Lock, Int, #08	1
18	31525	(007000-	) Wire, 10ga 16.0l Blk .25ring /.38ring	1
19	50902	(007000-	) Nut, Hex, Lock, .38-16, NI	3
20	32485	(007000-	) Washer, Flat, 0.38, Sae	8
21	20177	(007000-	) Screw, Hex, .38-16 X 4.00, G5	1
22	27992	(007000-	) Screw, Hex, .38-16 X 2.50, G5	2
23	04375	(007000-	) Screw, Hex, M8 X 1.25 X 40, 8.8, FI	2
24	41186	(007000-	) Washer, Flat, Belleville, .31	2
25	32491	(007000-	) Washer, Flat, 0.31, Std	2
26	08709	(007000-	) Nut, Hex, Lock, M8 X 1.25, NI	2
27	06966	(007000-	) Screw, Hex, M10 X 1.5 X 110, 8.8	1
28	21198	(007000-	) Screw, Hex, .38-16 X 1.25, G5	2
29	32715	(007000-	) Nut, Hex, Lock, M10 X 1.5, Ss	1

Fig. 27 - Cab Heater Box Group, Ford

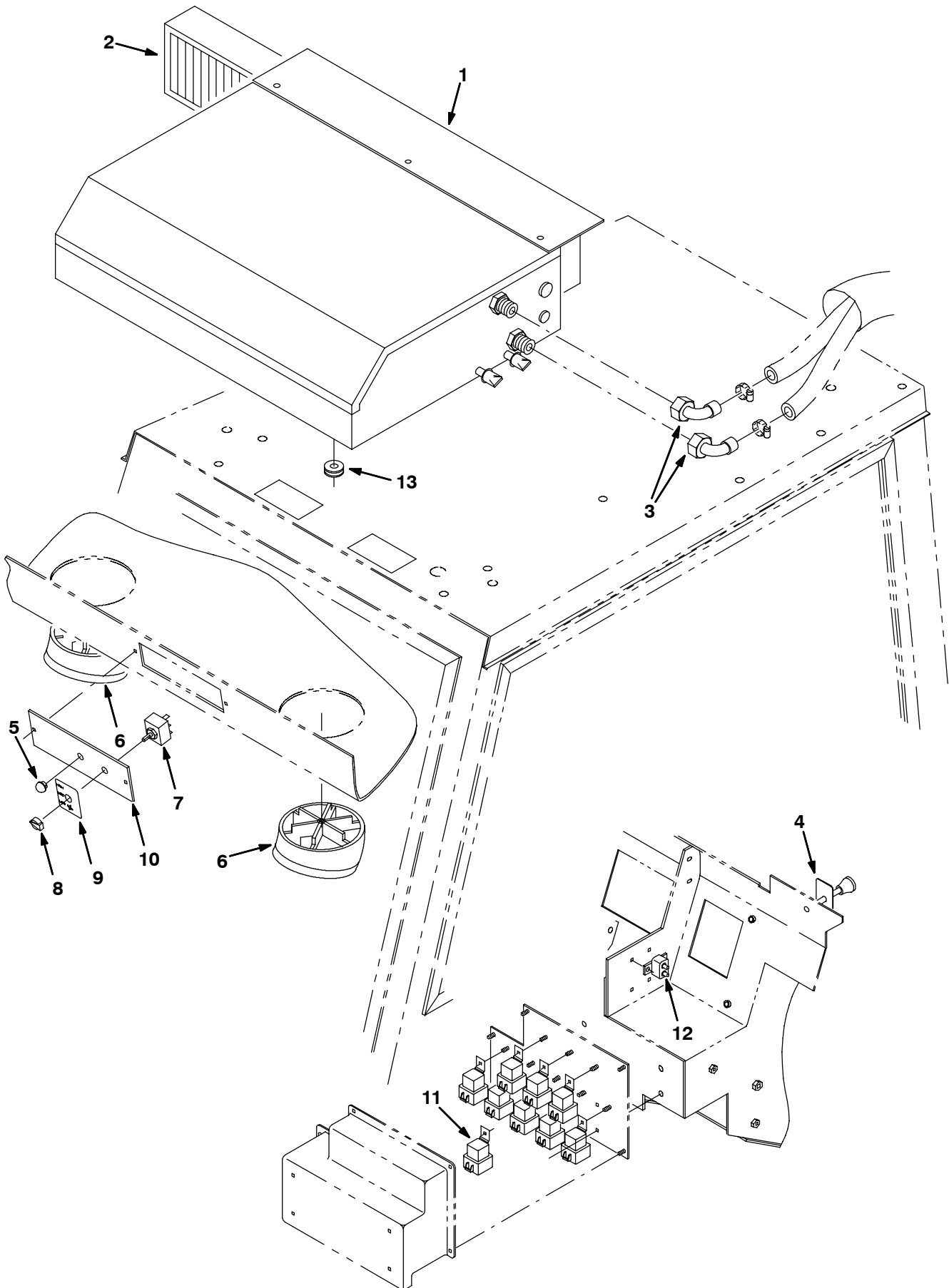


Fig. 27 - Cab Heater Box Group, Ford

NOTE: Heater kit, TENNANT Part Number 380610 includes Fig. 27, and Fig. 28.

	Ref.	Part No.	Serial Number	Description	Qty.
▽		380612	(004000-004936)	Heater & A/C, W/ Fan, Roof	1
▲	1	380614	(004000-004936)	Box Assy, Heater, A/C (See Breakdowns)	1
▲	2	380689	(004000-004936)	Filter, Panel, Heat-A/C	1
▲	3	380615	(004000-004936)	Fitting, Elbow	2
▲	4	380663	(004000-004936)	Label, Opertnl, Pull Heat	1
▲	5	56992	(004000-004936)	Button, Plug, 0.50h .03-.12 [Black Nyl]	1
▲	6	380617	(004000-004936)	Louver, Adj, Heat-A/C	2
▲	7	380619	(004000-004936)	Switch, 3 Pos, Blower, Heat	1
▲	8	380661	(004000-004936)	Knob, Rnd, Control, Heat-A/C	1
▲	9	380662	(004000-004936)	Label, Opertnl, Fan, Hi/Med/Low	1
▲	10	380690	(004000-004936)	Plate, Mtg, Switch, A/C	1
	11	56186	(004000-004936)	Relay, 12vdc, 40a, Spdt N/O	1
	12	374210	(004000-004936)	Circuitbreaker, 20.0a, Thermal	1
	13	77811	(004000-004936)	Grommet, Cab, Harness, Wire	1

Fig. 28 - Cab Heater Hose Group, Ford

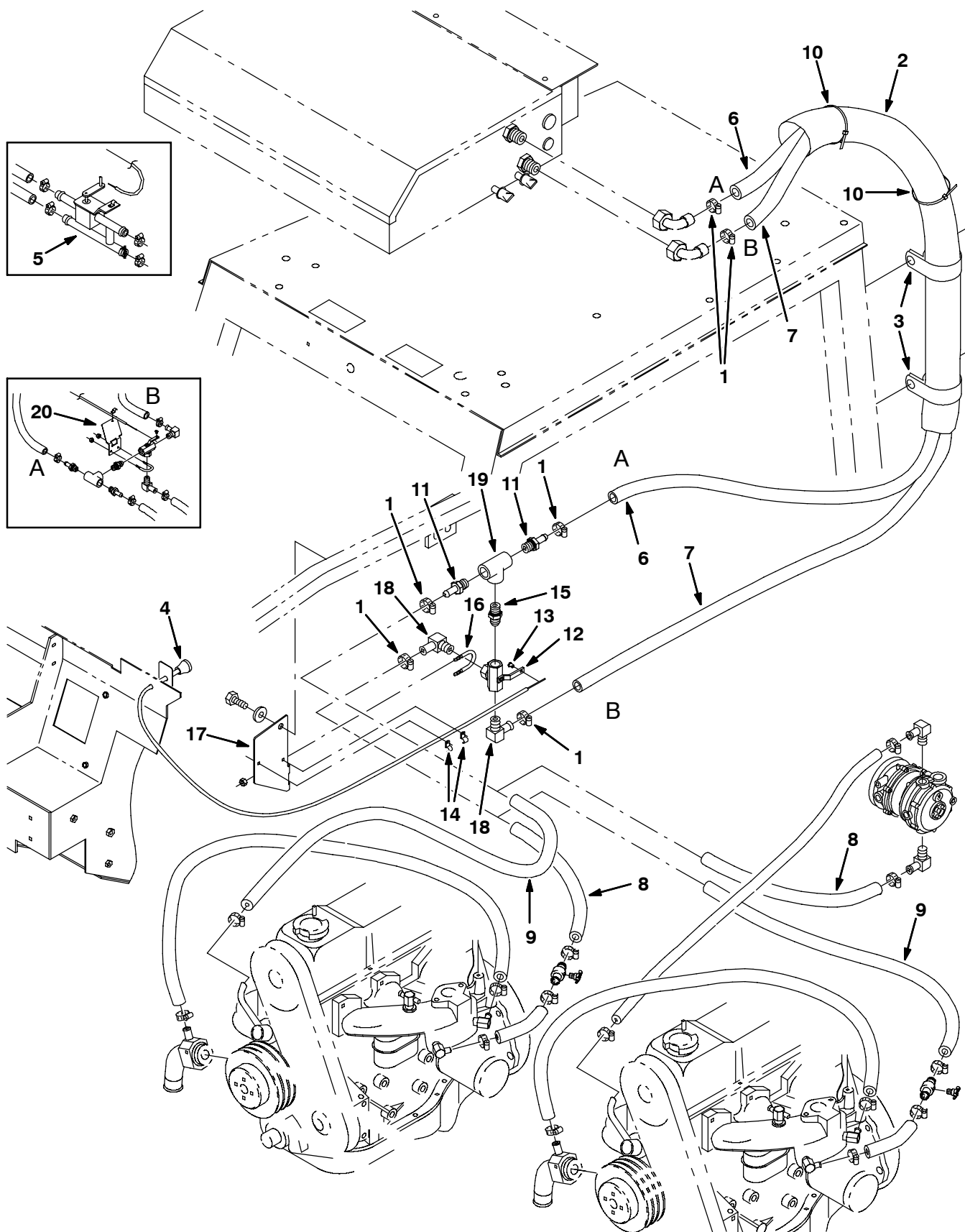


Fig. 28 - Cab Heater Hose Group, Ford

NOTE: Heater kit, TENNANT Part Number 380610 includes Fig. 27, and Fig. 28.

Ref.	Part No.	Serial Number	Description	Qty.
1	63810	(004000-004936)	Clamp, Hose, Wormdrive, 0.56-1.06d	6
2	375512	(004000-004936)	Sleeve, Nyl, #33 65.0l	1
3	41016	(004000-004936)	Clamp, Cable, Stl, 2.25d X 1.00w, 1h	2
4	43558A	(004000-004936)	Cable, Cntrl, Choke, 85/90l 1.4d Knob	1
5	380618	(004000-004374)	Valve, Water, Heater, H, 10bm	1
6	380621	(004000-004936)	Hose, Heater, 0.62id 80.0l	1
7	380620	(004000-004936)	Hose, Heater, 0.62id 77.0l	1
8	72979	(004000-004718)	Hose, Heater, 0.62id 20.0l	1
8	61870	(004719-004936)	Hose, Heater, 0.62id 31.0l	1
9	72978	(004000-004718)	Hose, Heater, 0.62id 13.0l	1
9	61869	(004719-004936)	Hose, Heater, 0.62id 24.0l	1
10	763116	(004000-004936)	Tie, Cable, Nyl, 15.3l . W 4.5 Max D	3
▽	375728	(004375-004936)	Valve Assy, Ball, 3 Way, Em10/Em10/Em10	1
▲	11 59901	(004375-004936)	Fitting, Brs, Str, Em10/Pm08	2
▲	12 31507	(004375-004936)	Valve, Ball, 3-way, 08pf/08pf/08pf Brs	1
▲	13 43242	(004375-004936)	Swivel	1
▲	14 09092-1	(004375-004936)	Clamp, Cable, Stl, 0.18d X 0.75w, 1h	2
▲	15 40573	(004375-004936)	Fitting, Hyd, Str, Pm08/Pm08	1
▲	16 45142	(004375-004936)	Bolt, U, .25-20 X 2.00, 1.10id	1
▲	17 374129	(004719-004936)	Bracket, Mtg, Valve, Cntrl, Heater	1
▲	18 30268	(004375-004936)	Fitting, Brs, E90, Em10/Pm08	2
▲	19 24450	(004375-004936)	Fitting, Brs, Tee, Pf08/Pf08/Pf08	1
	20 375726	(004375-004718)	Bracket, Mtg, Valve,Control, Heater	1

Fig. 29 - Cab Heater Box Group, GM

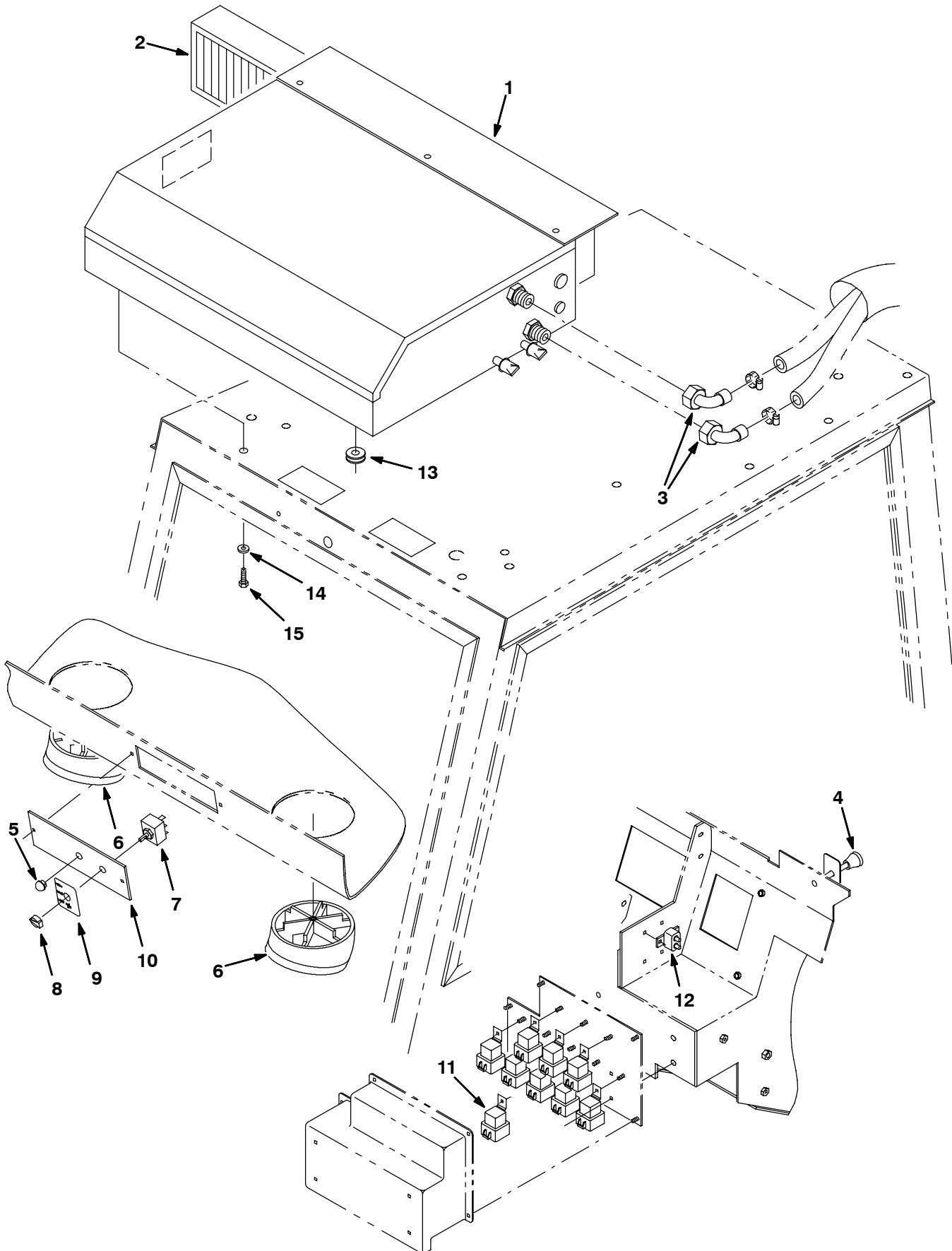


Fig. 29 - Cab Heater Box Group, GM

NOTE: Heater kit, TENNANT Part Number 374285 includes Fig. 29, and Fig. 30.

	Ref.	Part No.	Serial Number	Description	Qty.
▽		380612	(004937-	) Heater & A/C, W/ Fan, Roof	1
▲	1	380614	(004937-	) Box Assy, Heater, A/C (See Breakdowns)	1
▲	2	380689	(004937-	) Filter, Panel, Heat-A/C	1
▲	3	380615	(004937-	) Fitting, Elbow	2
▲	4	380663	(004937-	) Label, Opertnl, Pull Heat	1
▲	5	56992	(004937-	) Button, Plug, 0.50h .03-.12 [Black Nyl]	1
▲	6	380617	(004937-	) Louver, Adj, Heat-A/C	2
▲	7	380619	(004937-	) Switch, 3 Pos, Blower, Heat	1
▲	8	380661	(004937-	) Knob, Rnd, Control, Heat-A/C	1
▲	9	380662	(004937-	) Label, Opertnl, Fan, Hi/Med/Low	1
▲	10	380690	(004937-	) Plate, Mtg, Switch, A/C	1
	11	56186	(004937-	) Relay, 12vdc, 40a, Spdt N/O	1
	12	374210	(004937-	) Circuitbreaker, 20.0a, Thermal	1
	13	77811	(004937-	) Grommet, Cab, Harness, Wire	1
	14	32490	(004937-	) Washer, Flat, 0.25 Std	12
	15	12459	(004937-	) Screw, Hex, M6 X 1.0 X 20, Fmg	12

Fig. 30 - Cab Heater Hose Group, GM

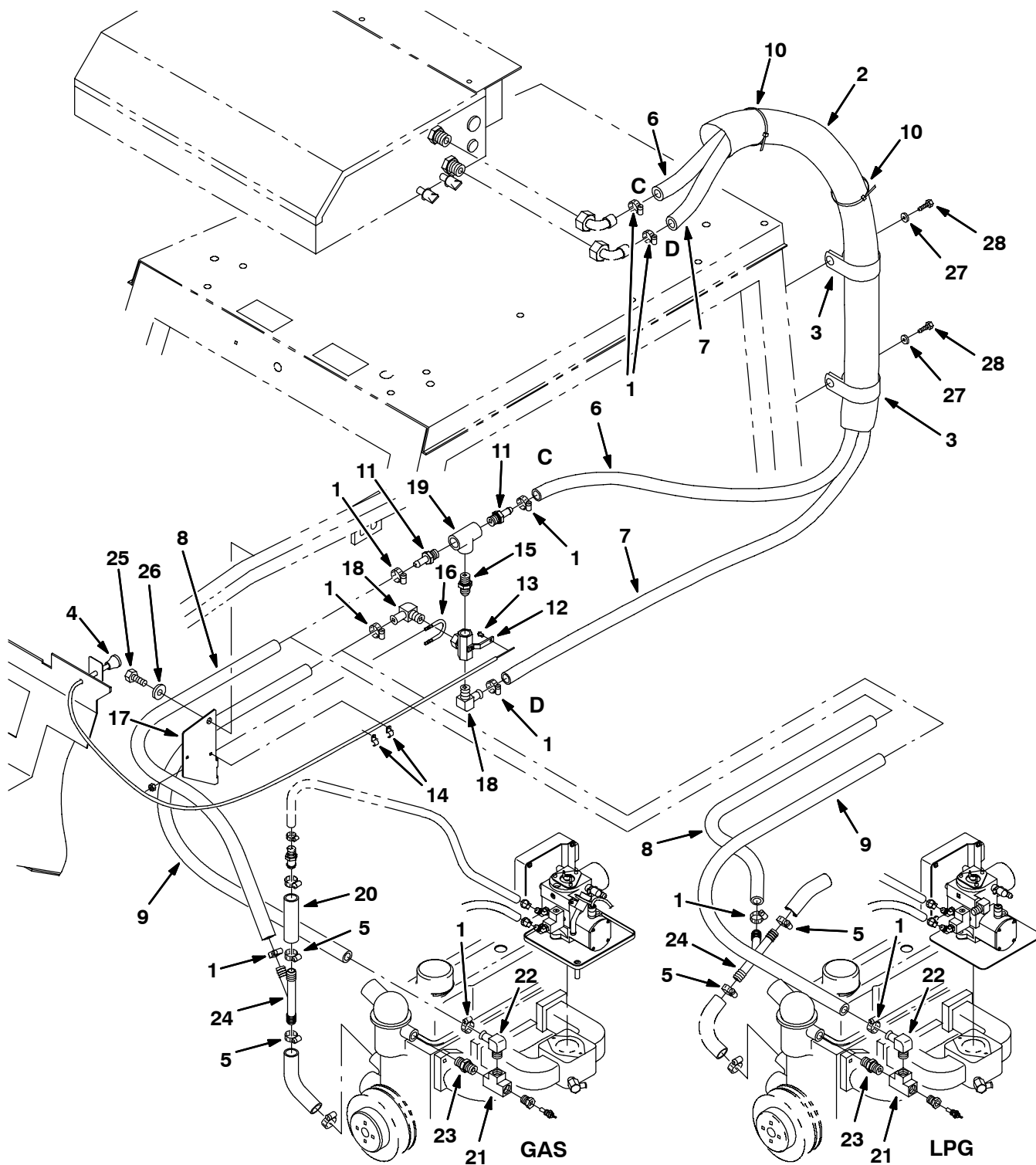


Fig. 30 - Cab Heater Hose Group, GM

NOTE: Heater kit, TENNANT Part Number 374285 includes Fig. 29, and Fig. 30.

Ref.	Part No.	Serial Number	Description	Qty.
1	63810	(004937-	) Clamp, Hose, Wormdrive, 0.56-1.06d	8
2	375512	(004937-	) Sleeve, Nyl, #33 65.0l	1
3	41016	(004937-	) Clamp, Cable, Stl, 2.25d X 1.00w, 1h	1
4	43558A	(004937-	) Cable, Cntrl, Choke, 85/90l 1.4d Knob	1
5	11399	(004937-	) Clamp, Hose, Wormdrive, 0.81-1.50d	2
6	380621	(004937-	) Hose, Heater, 0.62id 80.0l	1
7	380620	(004937-	) Hose, Heater, 0.62id 77.0l	1
8	61870	(004937-	) Hose, Heater, 0.62id 31.0l	1
9	61869	(004937-	) Hose, Heater, 0.62id 24.0l	1
10	763116	(004937-	) Tie, Cable, Nyl, 15.3l . W 4.5 Max D	3
▽	375728	(004937-	) Valve Assy, Ball, 3 Way, Em10/Em10/Em10	1
▲	11 59901	(004937-	) Fitting, Brs, Str, Em10/Pm08	2
▲	12 31507	(004937-	) Valve, Ball, 3-way, 08pf/08pf/08pf Brs	1
▲	13 43242	(004937-	) Swivel	1
▲	14 09092-1	(004937-	) Clamp, Cable, Stl, 0.18d X 0.75w, 1h	2
▲	15 40573	(004937-	) Fitting, Hyd, Str, Pm08/Pm08	1
▲	16 45142	(004937-	) Bolt, U, .25-20 X 2.00, 1.10id	1
▲	17 374129	(004937-	) Bracket, Mtg, Valve, Cntrl, Heater	1
▲	18 30268	(004937-	) Fitting, Brs, E90, Em10/Pm08	2
▲	19 24450	(004937-	) Fitting, Brs, Tee, Pf08/Pf08/Pf08	1
20	75197	(004937-	) Hose, Heater, 0.75id 04.0l	1
21	24450	(004937-	) Fitting, Brass, Tee	1
22	30268	(004937-	) Fitting, Brs, E90, Em10/Pm08	1
23	40573	(004937-	) Fitting, Hyd, Str, Pm08/Pm08	1
24	393255	(004937-	) Fitting, Plstc, Tee, Bm12/Bm12/Bm12	1
25	16930	(004937-	) Screw, Hex, M10 X 1.5 X 50, 8.8	1
26	32492	(004937-	) Washer, Flat, 0.38 Std	1
27	32490	(004937-	) Washer, Flat, 0.25 Std	2
28	12459	(004937-	) Screw, Hex, M6 X 1.0 X 20, Fmg	2

Fig. 31 - Alternator Group, SE, Ford

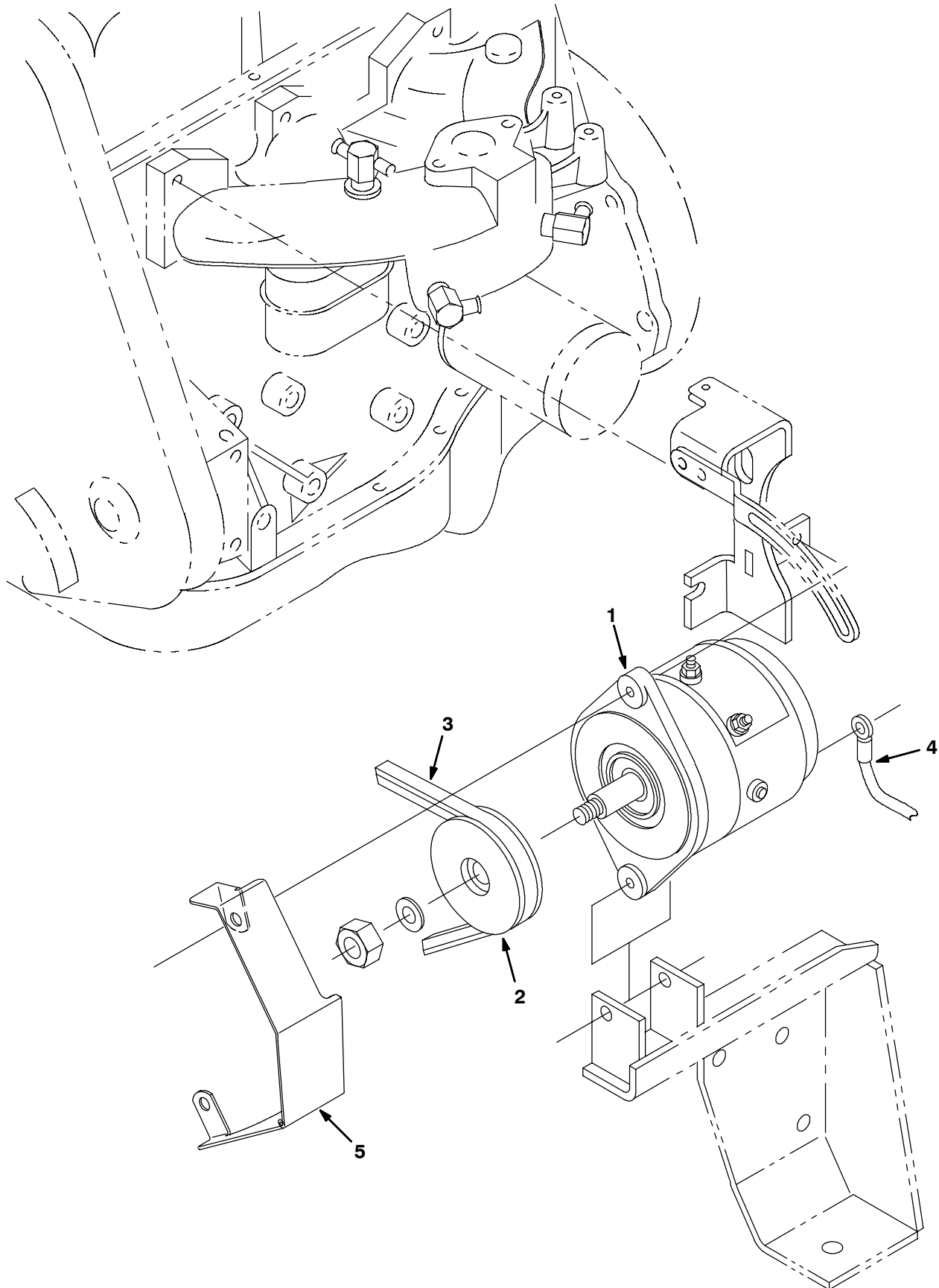


Fig. 31 - Alternator Group, SE, Ford

	Ref.	Part No.	Serial Number	Description	Qty.
▽		380702	(004000-004937)	Kit, Alternator, Hd, Gas/Lpg	1
▲	1	75828	(004000-004937)	Alternator	1
▲	2	77555	(004000-004937)	Sheave, Alternator, Se	1
▲	3	83641	(004000-004937)	Belt, V	1
▲	4	31525	(004000-004937)	Wire, Ground	1
▲	5	21223	(004000-004937)	Guard, Alternator	1

Fig. 32 - Heavy Duty Alternator Kit, GM (004937-006999)

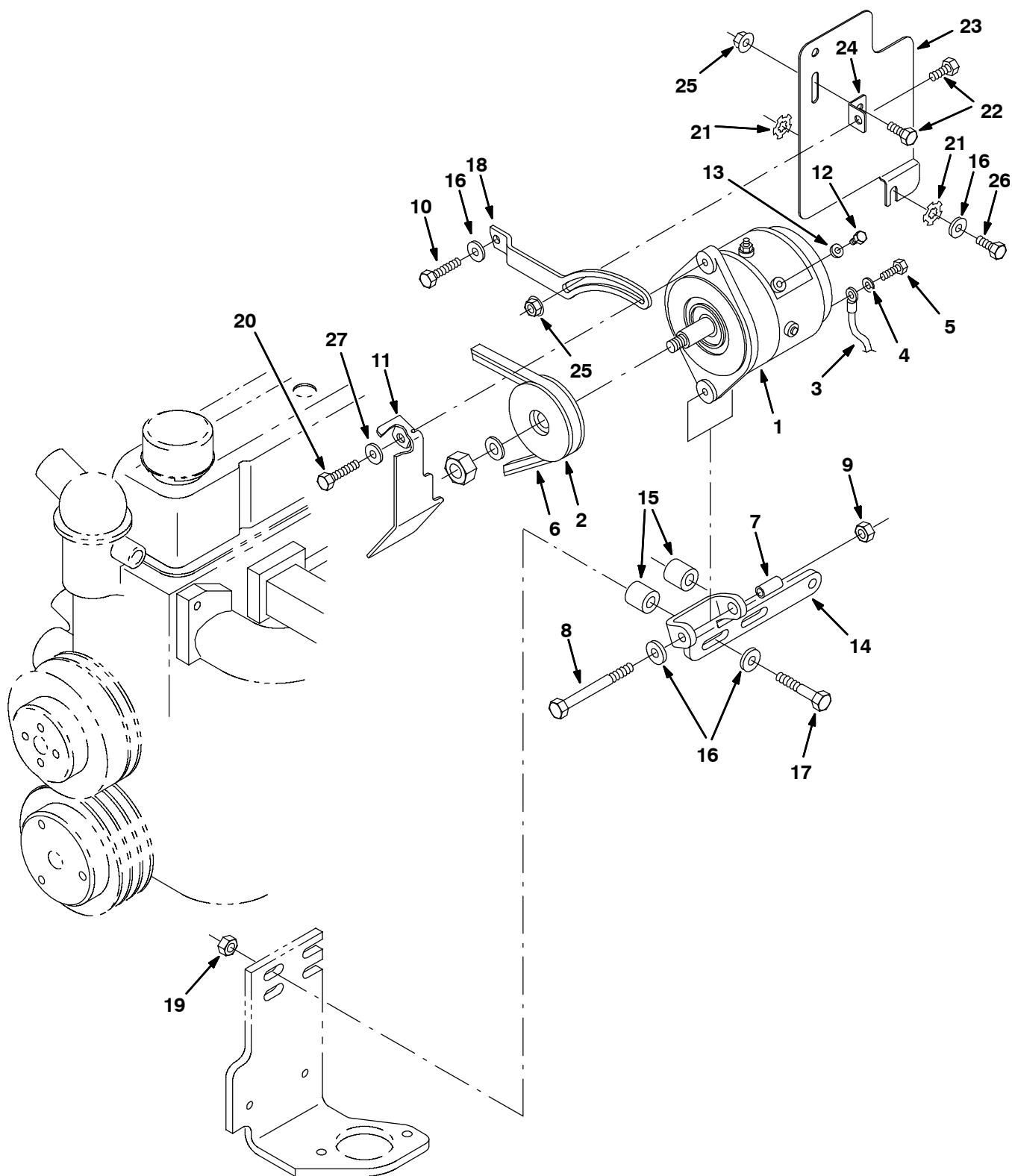


Fig. 32 - Heavy Duty Alternator Kit, GM (004937-006999)

	Ref.	Part No.	Serial Number	Description	Qty.
▽		393241	(004937-006999)	Kit, Ci, Alternator, Hd,Gas/Lpg,[Gm3.0l]	1
▲	1	75828	(004937-006999)	Alternator, 12vdc, 100A [Brushless]	1
▲	2	77555	(004937-006999)	Sheave, [3L], 1Grv, 03.5Pd 0.67B	1
▲	3	31525	(004937-006999)	Wire, 10ga 16.0l Blk .38ring /.25ring	1
▲	4	371509	(004937-006999)	Washer, Lock, .38	1
▲	5	39277	(004937-006999)	Screw, Hex, M8 X 1.25 X 25, 8.8	1
▲	6	393244	(004937-006999)	Belt, V, [Hc41] 42.0l	1
▲	7	371526	(004937-006999)	Sleeve, Alternator	1
▲	8	20177	(004937-006999)	Screw, Hex, .38-16 X 4.00, 5	1
▲	9	50902	(004937-006999)	Nut, Hex, Lock, .38-16, NI	1
▲	10	21195	(004937-006999)	Screw, Hex, .38-16 X 0.75, 5	1
▲	11	1008538	(004937-006999)	Bracket, Guard, Alternator, Hd [Gm3.0l]	1
▲	12	21237	(004937-006999)	Screw, Hex, M4 X 0.7 X 6, 8.8	1
▲	13	32978	(004937-006999)	Washer, Lock, Int, #08	1
▲	14	1008094	(004937-006999)	Bracket, Mtg, Alternator, Lower,[Gm3.0l]	1
▲	15	07274	(004937-006999)	Tube, 01.00d 00.44b 00.7l Stl Plt	2
▲	16	32485	(004937-006999)	Washer, Flat, .38 Sae	5
▲	17	27990	(004937-006999)	Screw, Hex, .38-16 X 2.25, 5	2
▲	18	1008519	(004937-006999)	Arm, Alternator, Hd [Gm3.0l]	1
▲	19	50902	(004937-006999)	Nut, Hex, Lock, .38-16, NI	2
▲	20	39277	(004937-006999)	Screw, Hex, M8 X 1.25 X 25, 8.8	1
▲	21	41142	(004937-006999)	Washer, Lock, Int-ext, .38	2
▲	22	16735	(004937-006999)	Screw, Hex, M8 X 1.25 X 16, 8.8	2
▲	23	1019513	(004937-006999)	Plate, Shield, Heat	1
▲	24	1008513	(004937-006999)	Angle, Heat, Shield	1
▲	25	07791	(004937-006999)	Nut, Hex, Flng, M8 X 1.25	2
▲	26	21197	(004937-006999)	Screw, Hex, .38-16 X 1.00, 5	1
▲	27	41186	(004937-006999)	Washer, Belleville, .31	1

Fig. 33 - Heavy Duty Alternator Kit, GM (007000-)

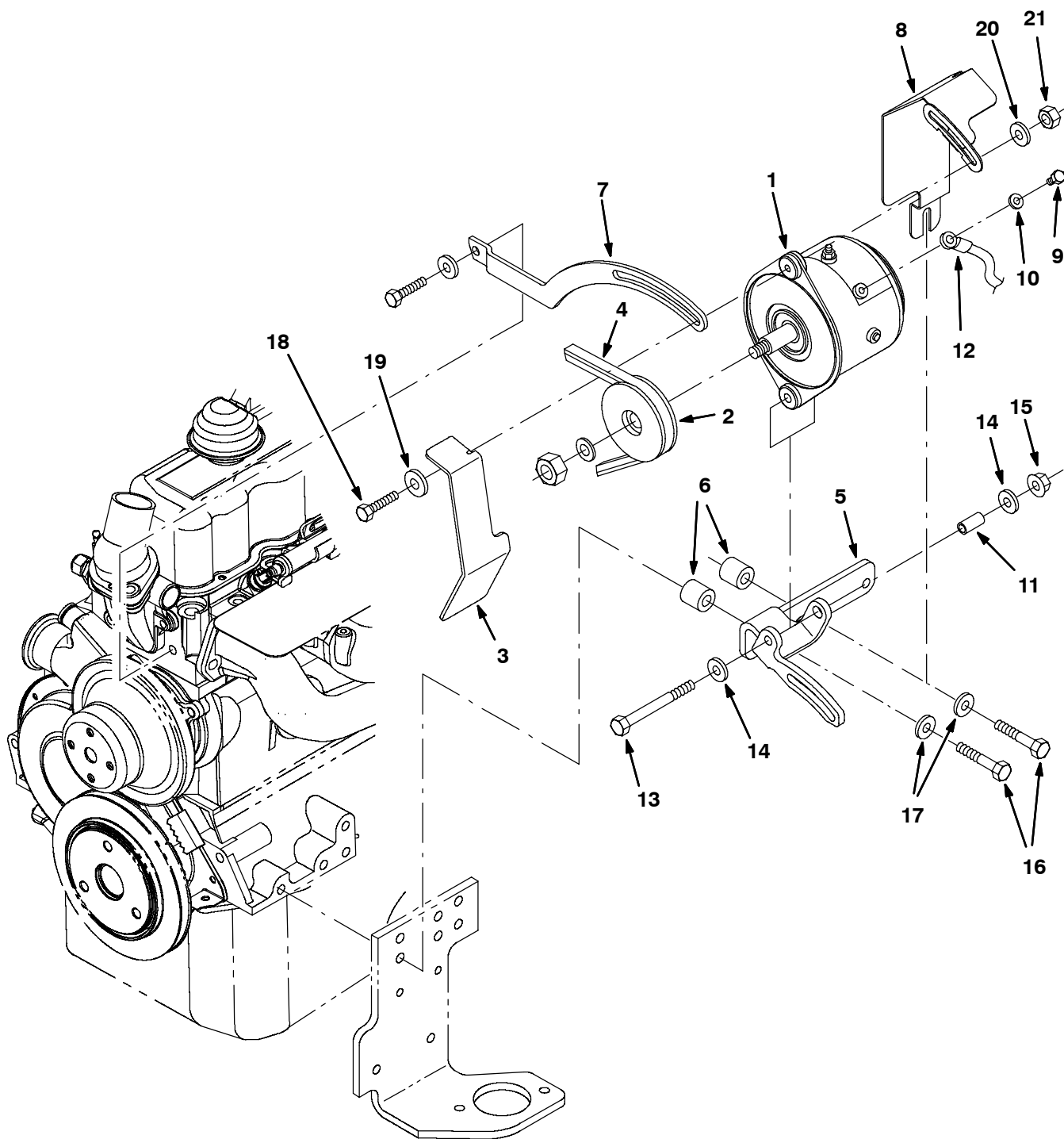


Fig. 33 - Heavy Duty Alternator Kit, GM (007000-)

	Ref.	Part No.	Serial Number	Description	Qty.
▽		9002915	(007000-	) Alternator Kit, Hd, Gas/Lpg, Ci[800/810]	1
▲	1	1030627	(007000-	) Alternator, Se [800/810, 07]	1
▲	2	77555	(007000-	) Sheave, 01grv, 03.5pd 0.67b [3l]	1
▲	3	1030762	(007000-	) Bracket, Guard, Alternator, Hd [800/810]	1
▲	4	78772	(007000-	) Belt, V, 45.1l [Hc38]	1
▲	5	1030654	(007000-	) Bracket, Mtg, Alternator, Hd[800/810 07]	1
▲	6	35756	(007000-	) Tube, 0.50id 1.00od 01.0l, Stl, Pntd	2
▲	7	1030708	(007000-	) Arm, Adj, Alternator, Hd [800/810 07]	1
▲	8	1032904	(007000-	) Shield, Heat, Alternator, Hd[800/810 07]	1
▲	9	21237	(007000-	) Screw, Hex, M4 X 0.7 X 6, 8.8	1
▲	10	32978	(007000-	) Washer, Lock, Int, #08	1
▲	11	371526	(007000-	) Vr, Sleeve, Alternator	1
▲	12	31525	(007000-	) Wire, 10ga 16.0l Blk .25ring /.38ring	1
▲	13	20177	(007000-	) Screw, Hex, .38-16 X 4.00, G5	1
▲	14	32495	(007000-	) Washer, Flat, 0.75, Std	2
▲	15	50902	(007000-	) Nut, Hex, Lock, .38-16, NI	1
▲	16	27992	(007000-	) Screw, Hex, .38-16 X 2.50, G5	2
▲	17	32485	(007000-	) Washer, Flat, 0.38, Sae	2
▲	18	04375	(007000-	) Screw, Hex, M8 X 1.25 X 40, 8.8, FI	1
▲	19	41186	(007000-	) Washer, Flat, Belleville, .31	1
▲	20	32491	(007000-	) Washer, Flat, 0.31, Std	1
▲	21	08709	(007000-	) Nut, Hex, Lock, M8 X 1.25, NI	1

Fig. 34 - Vacuum Wand Kit

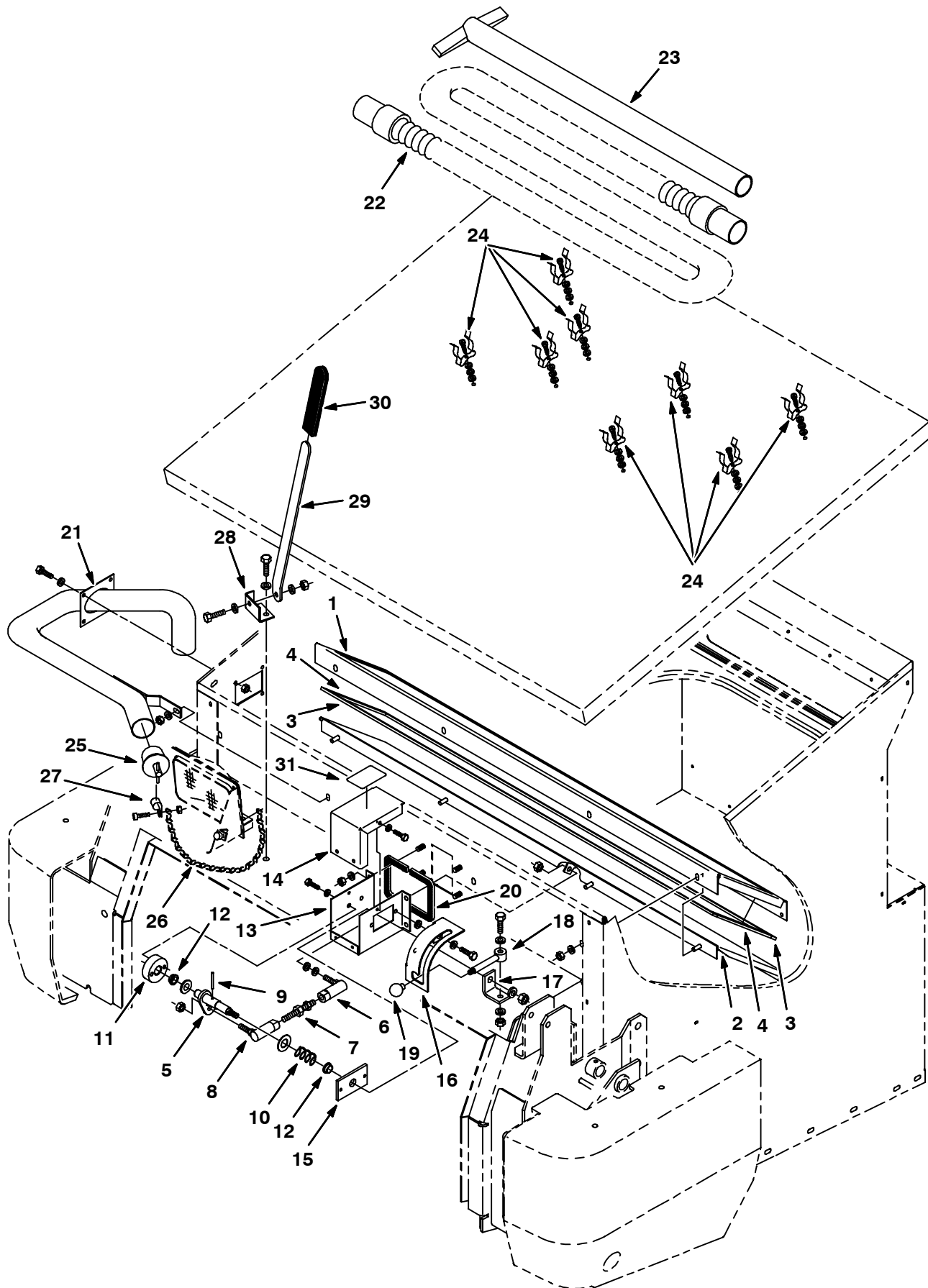


Fig. 34 - Vacuum Wand Kit

	Ref.	Part No.	Serial Number	Description	Qty.
▽		70668	(004000-	) Wand Kit, Vac	1
▲	1	73871	(004000-	) Plate, Mounting, Vac Door	1
▲	2	75701	(004000-	) Plate Wldt, Vac Door	1
▲	3	75876	(004000-	) Seal, Foam Rbr, .19 .75W 47.1L	2
▲	4	75877	(004000-	) Seal, Foam Rbr .19 .75W 8.43L	2
▲	5	21047	(004000-	) Shaft	1
▲	6	82962	(004000-	) Balljoint .375-24 Lh	1
▲	7	11676	(004000-	) Stud, Adjustment	1
▲	8	51531	(004000-	) Ball Joint .375-24	1
▲	9	23146	(004000-	) Pin,Roll,.18Odx1.62L,.187/.192	1
▲	10	19035	(004000-	) Sprng,Comp,0.83ldx.07Wire 1.0L	1
▲	11	21041	(004000-	) Disk	1
▲	12	04843	(004000-	) Bearing, Flange .625 Bore	2
▲	13	21054	(004000-	) Box, Mounting, Lever, Vac	1
▲	14	21104	(004000-	) Panel, Cover	1
▲	15	73880	(004000-	) Plate	1
▲	16	79646	(004000-	) Plate, Latch	1
▲	17	79647	(004000-	) Angle	1
▲	18	79644	(004000-	) Handle	1
▲	19	26565	(004000-	) Knob,0.38-16,1.25Dia,Plastic	1
▲	20	79674	(004000-	) Seal	1
▲	21	74074	(004000-	) Adaptor Wldt, Vac Wand	1
▲	22	54009	(004000-	) Hose&2Cuff Assy,Vinyl2.0ld10Ft	1
▲	23	54012	(004000-	) Wand	1
▲	24	36158	(004000-	) Clip Finger Grip	8
▲	25	42124	(004000-	) Plug, Drain	1
▲	26	374012	(004000-	) Chain, Jack, #12, 08.5l 11 Links	1
▲	27	26395-2	(004000-	) Clamp-Cable, 0.38Dia 0.38Wth	1
▲	28	76286	(004000-	) Adaptor Wldt, Vac Wand	1
▲	29	76338	(004000-	) Bar, Prop	1
▲	30	70659	(004000-	) Grip, Handle, Flat	2
▲	31	76406	(004000-	) Label, Vac Wand	1

Fig. 35 - Side Brush Dust Control Kit

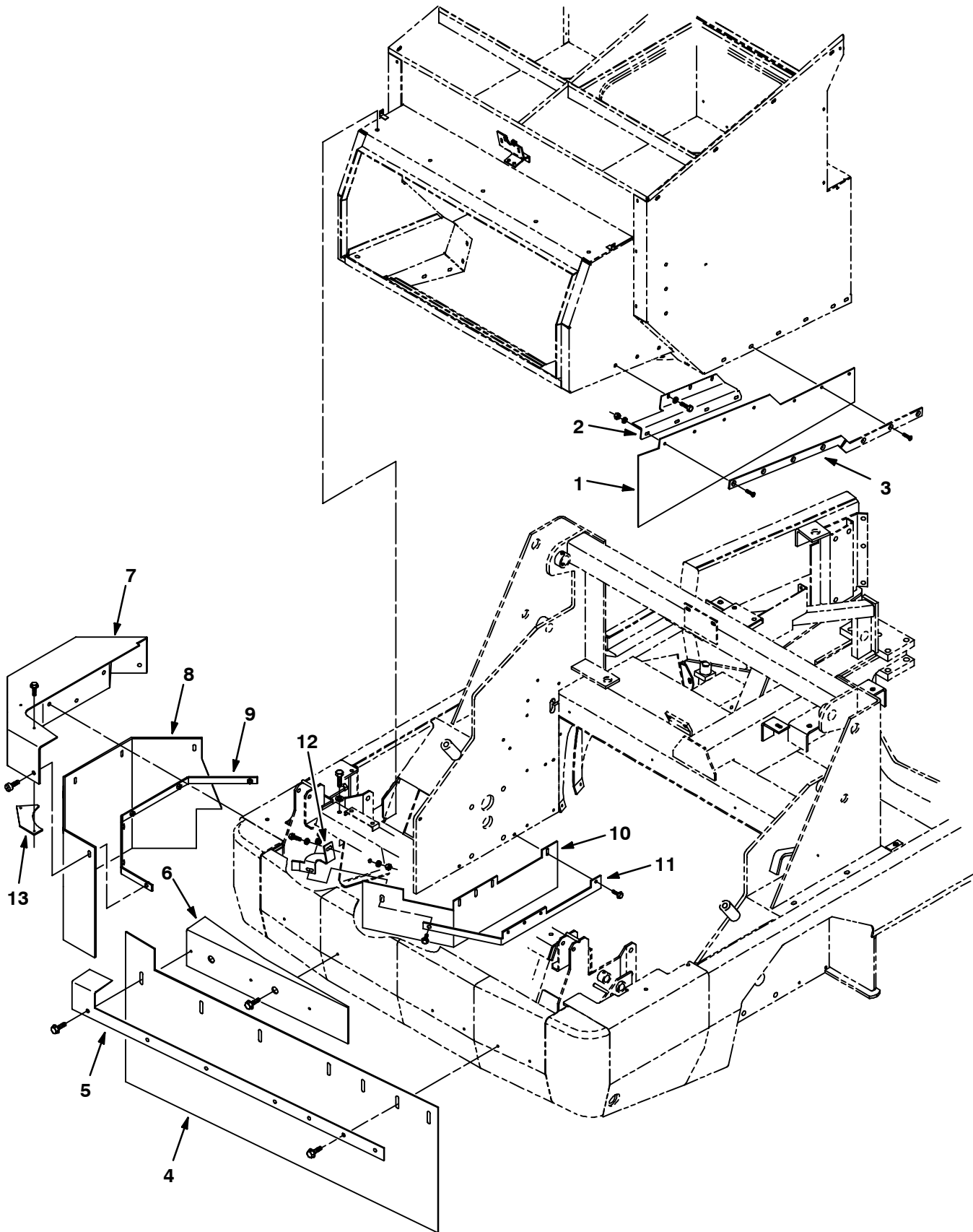
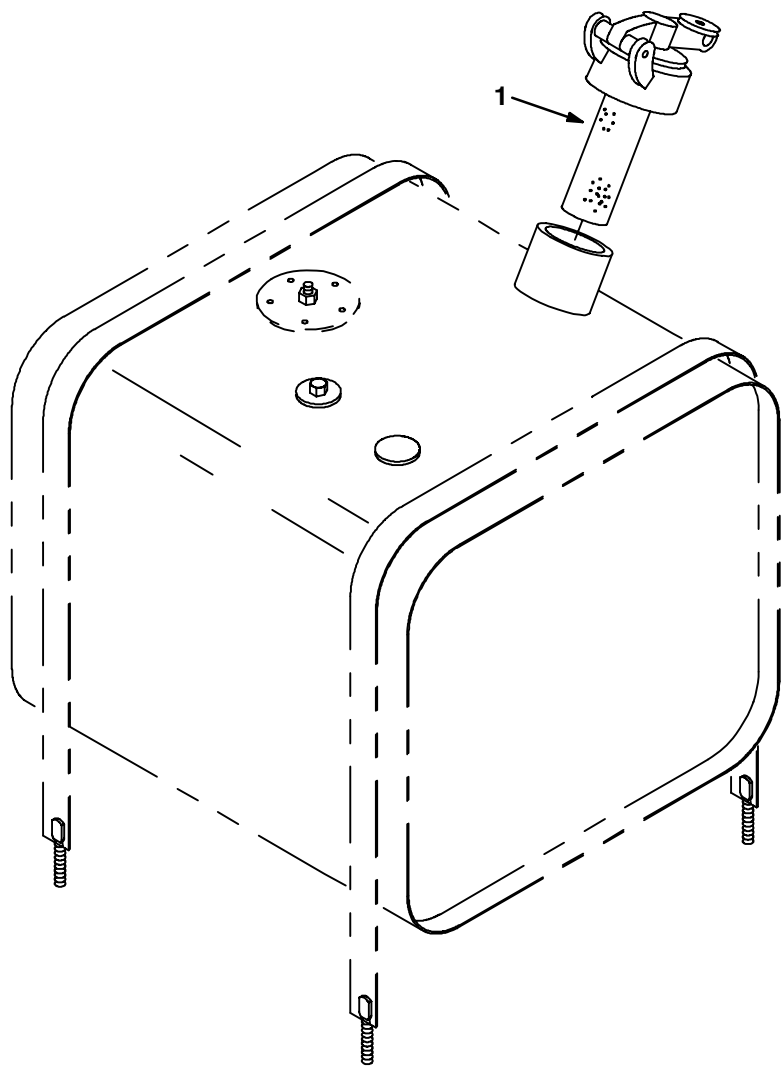


Fig. 35 - Side Brush Dust Control Kit

	Ref.	Part No.	Serial Number	Description	Qty.
▽		76100	(004000-	) Dust Control Kit, Side Brush	1
▲	1	76036	(004000-	) Skirt, Deflection	1
▲	2	76030	(004000-	) Bracket, Mounting, Skirt	1
▲	3	76038	(004000-	) Strip, Retainer, Skirt	1
▲	4	75901	(004000-	) Skirt, Cover, Sbdc	1
▲	5	76049	(004000-	) Skirt, Retainer	1
▲	6	77759	(004000-	) Bracket Wldt	1
▲	7	75989	(004000-	) Plate Wldt, Skirt	1
▲	8	76069	(004000-	) Skirt, Cover, Sbdc	1
▲	9	76055	(004000-	) Plate, Retainer	1
▲	10	76074	(004000-	) Skirt	1
▲	11	76081	(004000-	) Skirt	1
▲	12	76084	(004000-	) Bracket	1
▲	13	77755	(004000-	) Plate	1

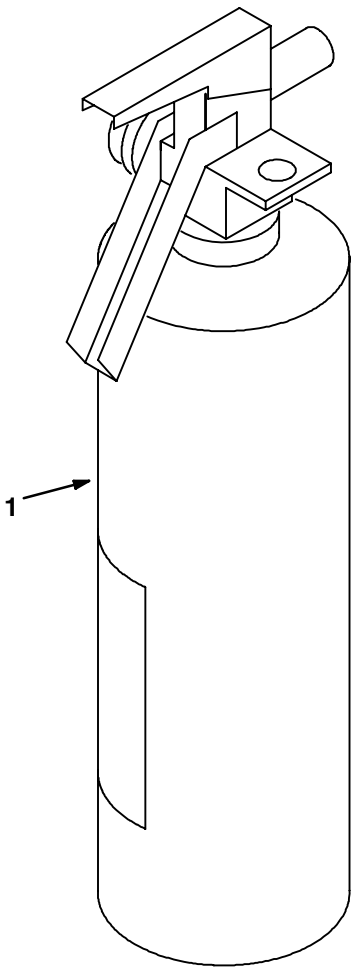
Fig. 36 - Protectoseal Fuel Tank Cap Group



07471 - ALL

Ref.	Part No.	Serial Number	Description	Qty.
1	02506-6	(004000-)	Gas Cap, Protectoseal	1

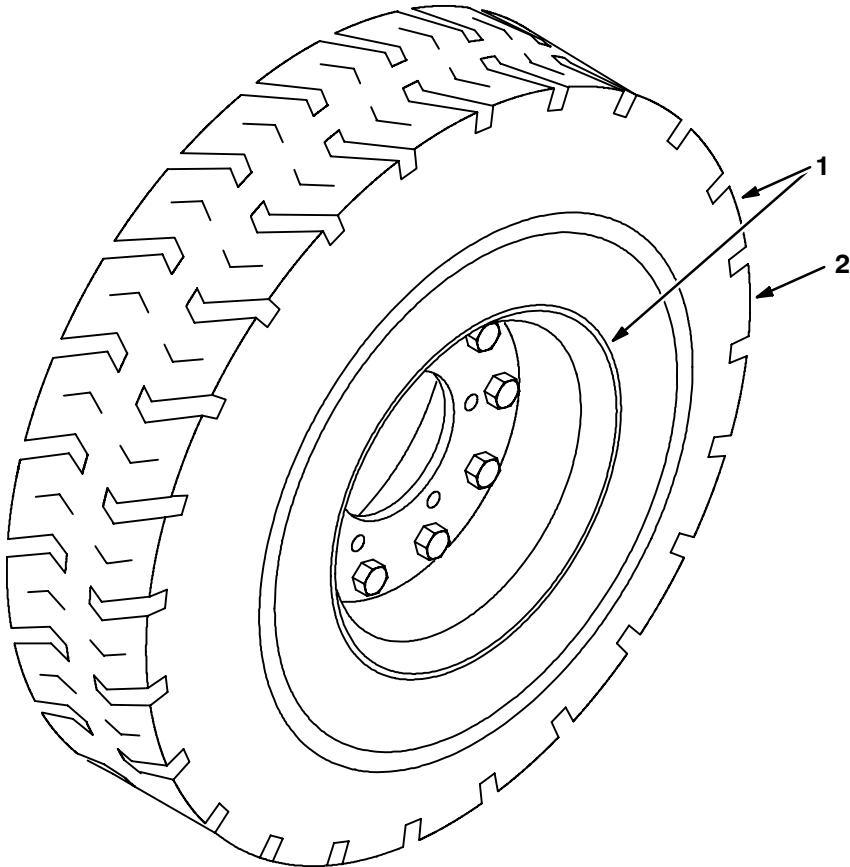
Fig. 37 - Fire Extinguisher Kit



07516 - JP, NA

	Ref.	Part No.	Serial Number	Description	Qty.
▽		70692	(004000-	) Extinguisher Kit Fire 800	1
▲	1	25312	(004000-	) Extinguisher, Fire	

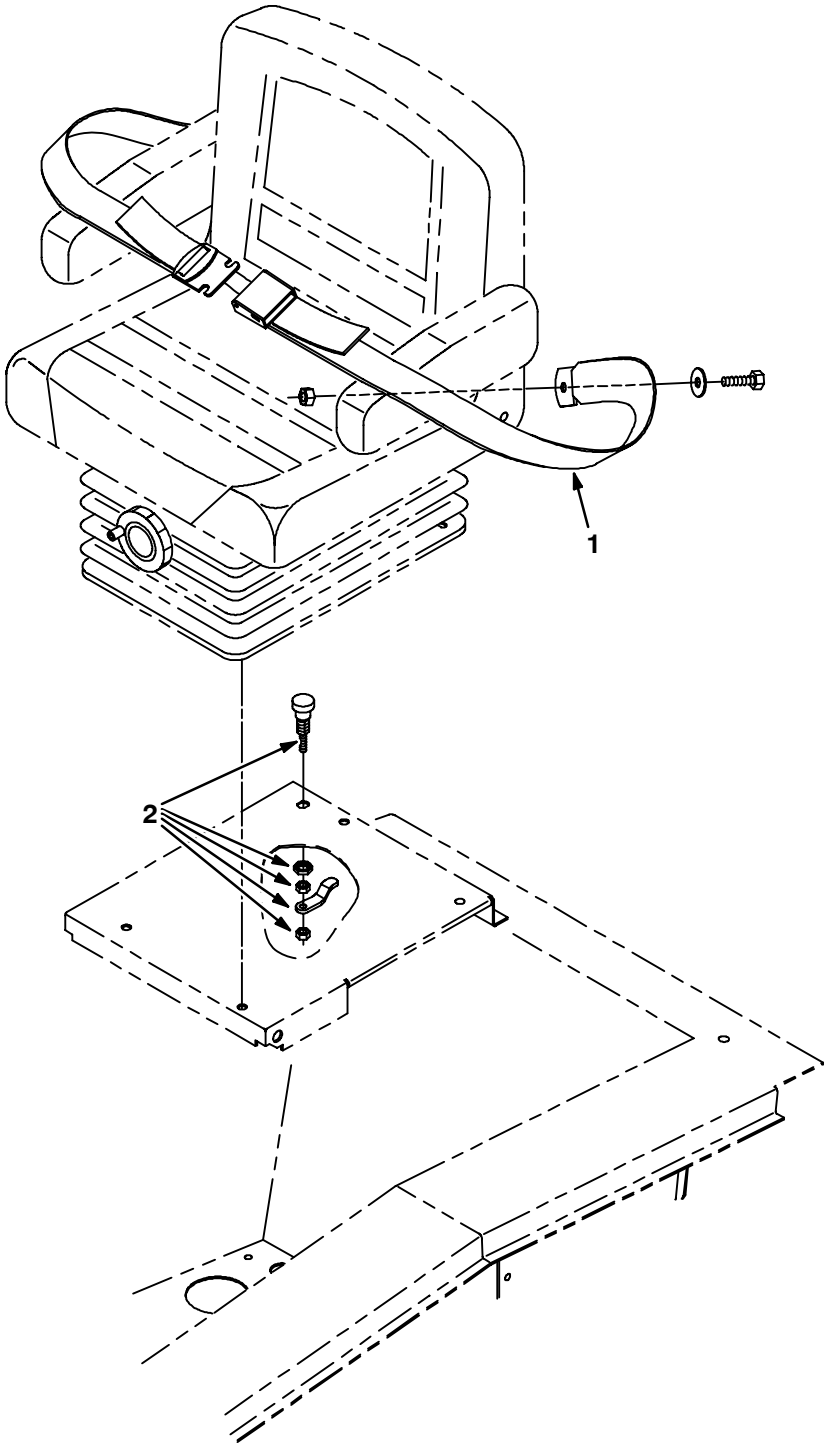
Fig. 38 - Solid Tire and Rim Assembly



07666 - ALL

	Ref.	Part No.	Serial Number	Description	Qty.
▽	1	21671	(004000-	) Tire and Rim Assy, Solid 6.5	1
▲	2	63228	(004000-	) Tire, Solid	1

Fig. 39 - Seat Belt Kit



07674 - ALL

	Ref.	Part No.	Serial Number	Description	Qty.
▽		70690	(004000-	) Seat Belt Kit	1
▲	1	30533	(004000-	) Belt, Seat	1
▲	2	87337	(004000-	) Latch, Door	1

Fig. 40 - RFS Filter System Group

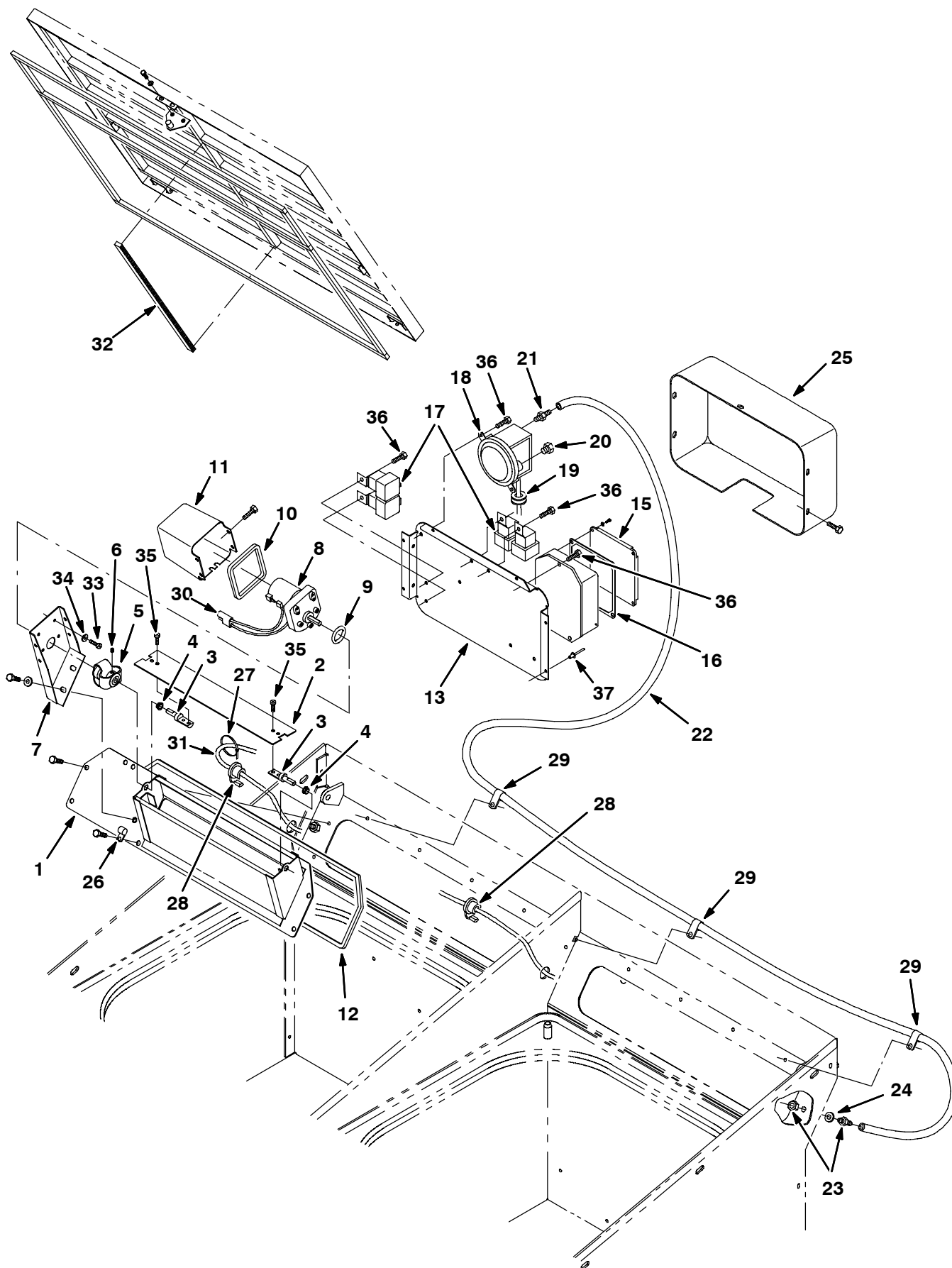


Fig. 40 - RFS Filter System Group

	Ref.	Part No.	Serial Number	Description	Qty.
▽		79174	(004000-	) Rfs Kit	1
▲	1	79160	(004000-	) Duct Wldt, Rfs	2
▲	2	79156	(004000-	) Plate, Shutter	2
▲	3	79159	(004000-	) Shaft, Pivot	4
▲	4	11747	(004000-	) Bearing, Nylon	4
▲	5	79158	(004000-	) Coupling	2
▲	6	20634	(004000-	) Scr-Set 10-24X0.25 Nylon Loc	4
▲	7	79157	(004000-	) Bracket, Mounting, Gearmotor	2
▲	8	79170	(004000-	) Motor, Ele, Geared, 12Vdc	2
▲	9	79172	(004000-	) Seal, O-Ring .787ldx.210Th	2
▲	10	79167	(004000-	) Seal	2
▲	11	79155	(004000-	) Cover, Motor	2
▲	12	79168	(004000-	) Seal	2
▲	13	79177	(004000-	) Plate, Mounting, Rfs Control	1
▲▽	14	79176	(004000-	) Controller Assy, Rfs	1
▲▲	15	59954	(004000-	) Cover, Housing, Electrical	1
▲▲	16	59921	(004000-	) Gasket, Cover, Alum	1
▲	17	56186	(004000-	) Relay, Shrouded, 12 Vdc	4
▲	18	75465	(004000-	) Switch, Pressure	1
▲	19	10632-4	(004000-	) Grommet,Rbr,0.62ld,For .06Matl	1
▲	20	82739	(004000-	) Ftg, Breather	1
▲	21	40607	(004000-	) Ftg,Brass,St Bm03/Pm02	1
▲	22	21301	(004000-	) Hose, Vacuum, .16 ld X 76.0 Lg	1
▲	23	39923	(004000-	) Ftg,Bulkhead-Barb Wh 1074X4	1
▲	24	43454	(004000-	) Washer, .344B .69D .06Nylon	1
▲	25	79169	(004000-	) Cover, Electrical	1
▲	26	40678	(004000-	) Clamp,Cable .44D .62Wide	2
▲	27	49266	(004000-	) Tie, Cable 1.75D Max 7.50Lg	12
▲	28	34864	(004000-	) Strain,Relief	2
▲	29	46236	(004000-	) Clamp-Cable, 0.25Dia 0.56Wth	3
▲	30	79025	(004000-	) Harness, Motor, Duct	2
▲	31	79026	(004000-	) Harness, Hopper, Rfs	1
▲		83706	(004000-	) Harness, Rfs Jumper	1
▲	32	70851	(004000-	) Seal, Urethane	1
▲		44961	(004000-	) Tie, Cable 4.00 Max 14.50Lg	28
▲		23935	(004000-	) Seal, Filter	2
▲		57809	(004000-	) Breaker-Cicuit, 15 Resetable	2
▲	33	49766	(004000-	) Screw, Hex, #08-32 X 0.38, Ss	8
▲	34	02938	(004000-	) Washer, Lock, Int, 08 Ss	8
▲	35	06932	(004000-	) Screw, Pan, M5 X 0.80 X 10, 4.8	8
▲	36	74455	(004000-	) Screw, Hex, M6 X 1.0 X 12, Fmg	9
▲	37	34738	(004000-	) Rivet, Blind, .125d X 0.32 X .25d, Stl	6

Fig. 41 - Cab AC Drain Hose Kit

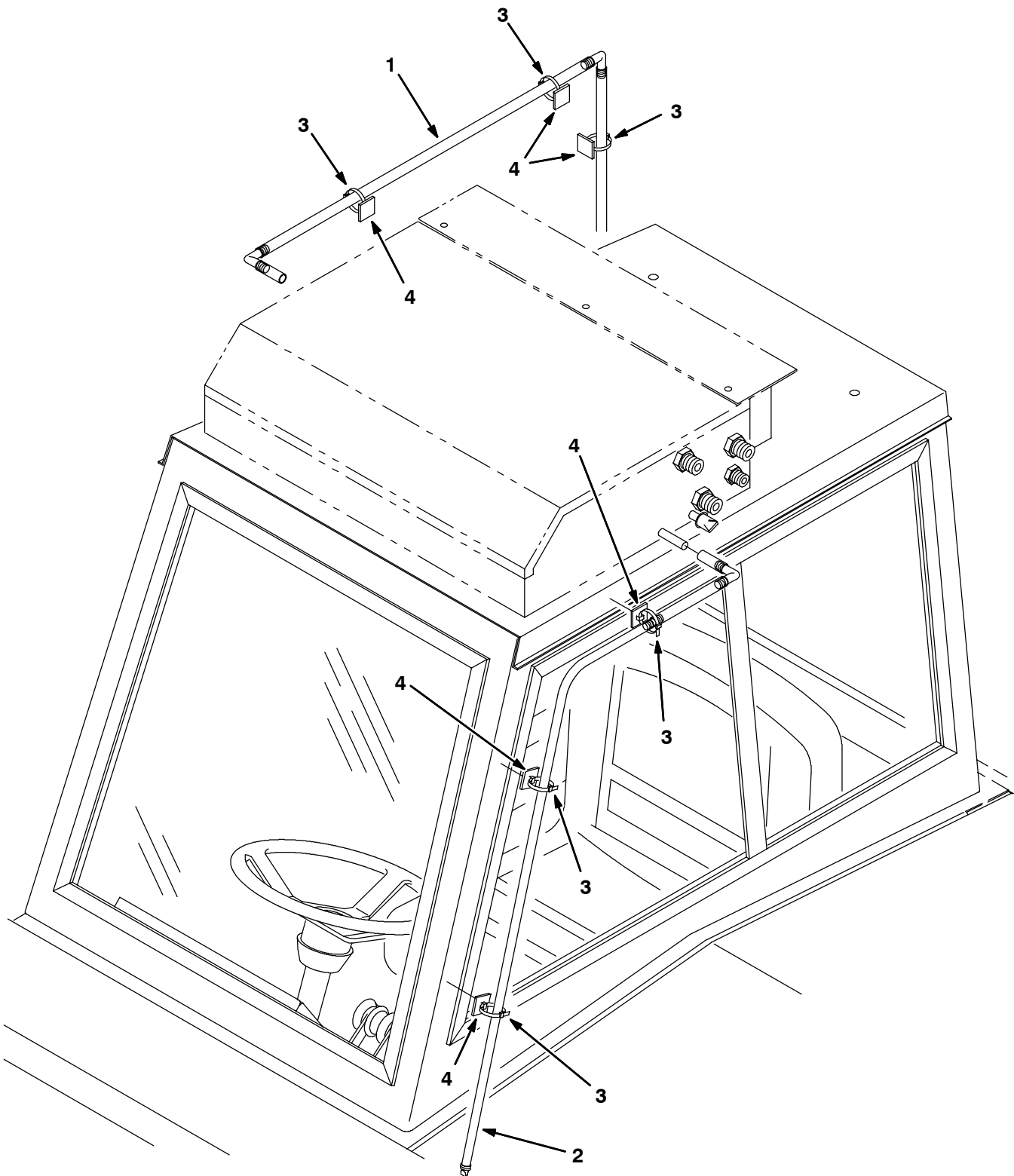
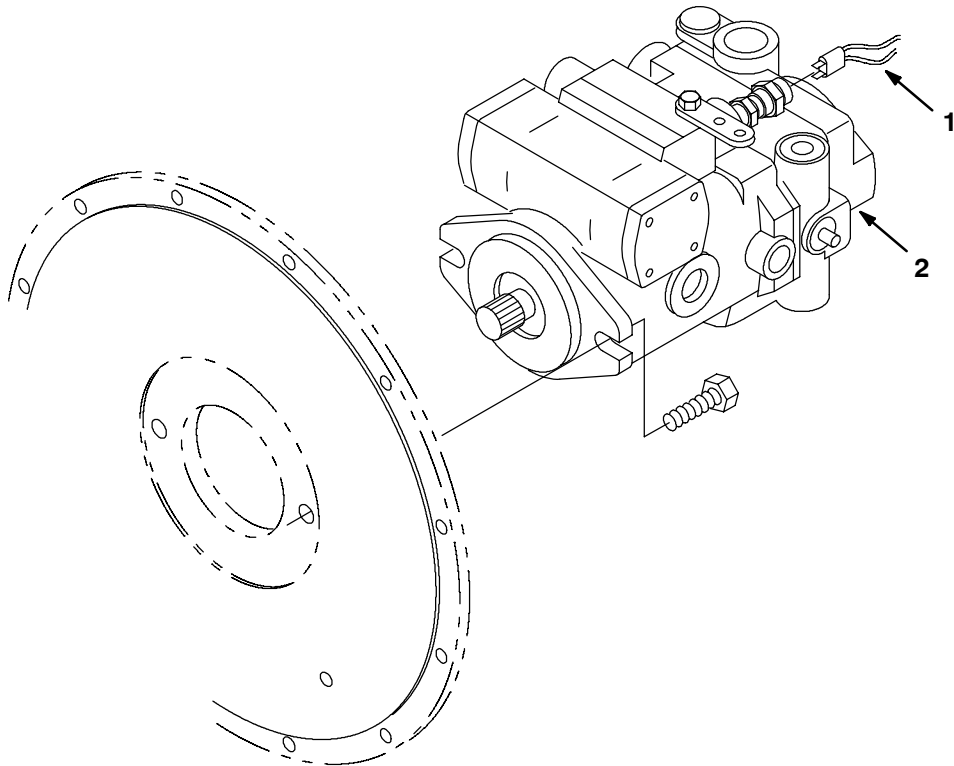


Fig. 41 - Cab AC Drain Hose Kit

	Ref.	Part No.	Serial Number	Description	Qty.
▽		374133	(004000-	) Kit, Ci, Drain Hose, A/C	1
▲	1	374134	(004000-	) Hose Assy, Drain, A/C	1
▲	2	374135	(004000-	) Hose Assy, Drain, A/C	1
▲	3	49266	(004000-	) Tie, Cable, Nyl, 07.3l .19w 1.8 Max D	10
▲	4	55248	(004000-	) Mount, Cable Tie	10

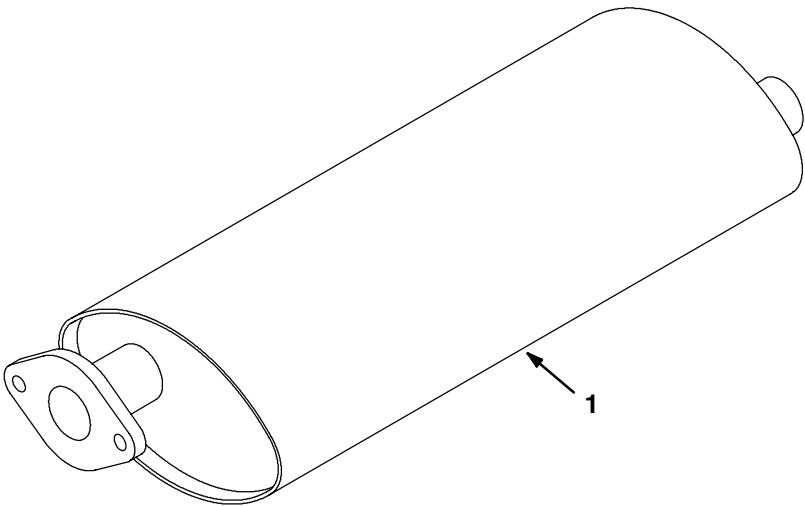
Fig. 42 - Neutral Start Group



09831 - ALL

Ref.	Part No.	Serial Number	Description	Qty.
1	63407	(004000-)	Harness, Neutral, Start	1
2	74164	(004000-004586)	Pump, Hyd Piston V 2.48 (See breakdowns)	1
2	373405	(004587-)	Pump, Hyd Piston V 2.48 (See breakdowns)	1

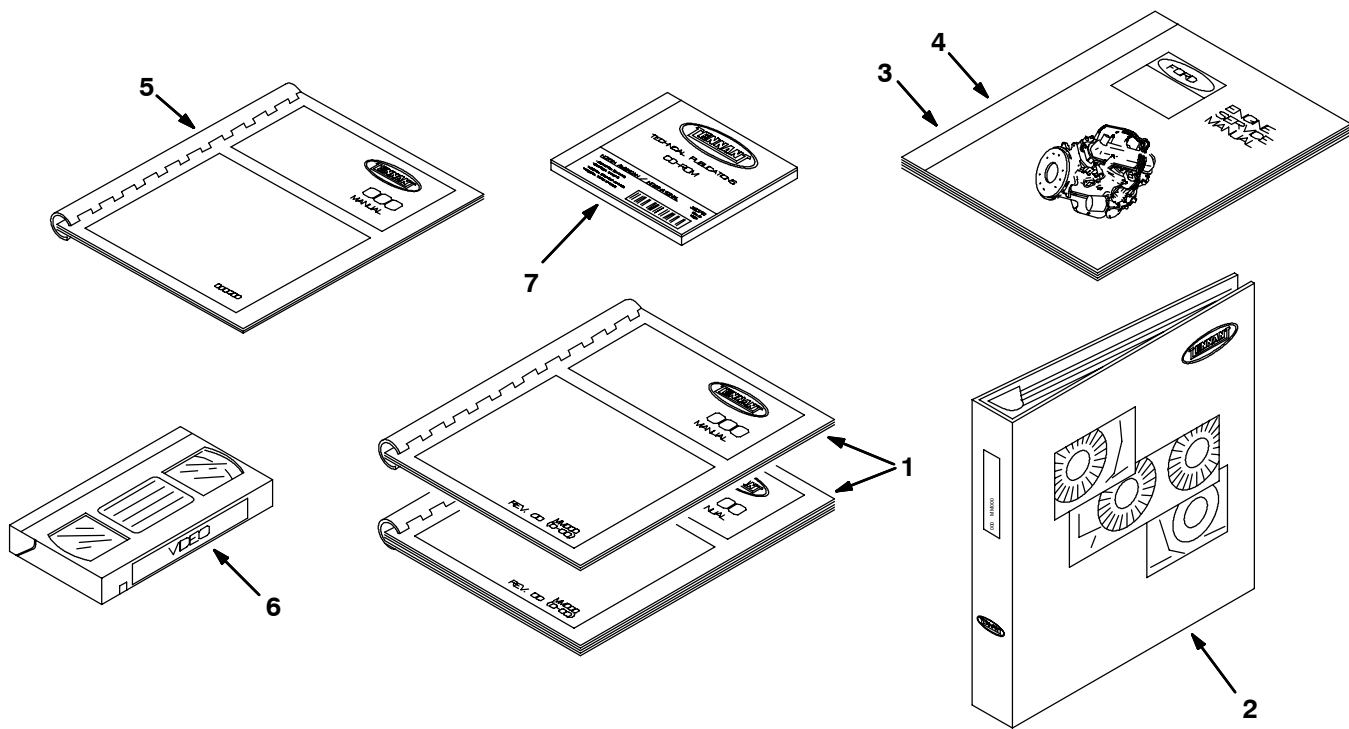
Fig. 43 - Muffler Group, Non-Catalytic



09831 - GM, G, LP

Ref.	Part No.	Serial Number	Description	Qty.
1	1012634	(006000-)	Muffler, Exhaust	1

Fig. 44 - Documentation Group



07501 - 800, G, LP, NA

Ref.	Part No.	Serial Number	Description	Qty.
1	330120	(004000-	) Manual Pkg 800G	1
2	MM337	(004000-	) Manual, Service 800/810	1
3	393223	(004000-	) Manual, Service, Eng, [Gm 3.0L]	1
4	21791	(004000-	) Manual, Service FD (Lrg) 2.3L	1
4	385439	(004000-	) Manual, Service FD (Lrg) 2.5L	1
5	330122	(004000-	) Manual Op/Mt 800G Spanish	1
5	330123	(004000-	) Manual Op/Mt 800G French	1
6	48842	(004000-	) Oper/Video Vhs, 800	1
7	330710	(004000-	) Manual, CD-ROM, Oprtr&Parts, All (NA)	1

SECTION 4

Contents	Page
Fig. 1 - Hydraulic Piston Pump Breakdown, 74163	4-2
Fig. 2 - Hydraulic Piston Pump Breakdown, 74163	4-4
Fig. 3 - Hydraulic Piston Pump Breakdown, 373404	4-6
Fig. 4 - Hydraulic Piston Pump Breakdown, 373404	4-8
Fig. 5 - Hydraulic Manual Control Breakdown, 74273	4-10
Fig. 6 - Hydraulic Piston Pump Breakdown, 74164	4-12
Fig. 7 - Hydraulic Piston Pump Breakdown, 74164	4-14
Fig. 8 - Hydraulic Piston Pump Breakdown, 373405	4-16
Fig. 9 - Hydraulic Piston Pump Breakdown, 373405	4-18
Fig. 10 - Hydraulic Manual Control Breakdown, 373369	4-20
Fig. 11 - Hydraulic Gear Pump Breakdown, 62561	4-22
Fig. 12 - Hydraulic Gear Pump Breakdown, 373254	4-24
Fig. 13 - Hydraulic Motor Breakdown, 63426 ...	4-26
Fig. 14 - Hydraulic Motor Breakdown, 22626 ...	4-28
Fig. 15 - Hydraulic Motor Breakdown, 373464 ..	4-30
Fig. 16 - Hydraulic Motor Breakdown, 53434 ...	4-32
Fig. 17 - Hydraulic Motor Breakdown, 79781 ...	4-33
Fig. 18 - Hydraulic Motor Breakdown, 19117 ...	4-34
Fig. 19 - Hydraulic Motor Breakdown, 63542 ...	4-35
Fig. 20 - Hydraulic Steering Valve Breakdown, 65242	4-36
Fig. 21 - Hydraulic Solenoid Valve Breakdown, 84015	4-38
Fig. 22 - Hydraulic Solenoid Valve Breakdown, 84016	4-39
Fig. 23 - Hydraulic Valve Breakdown, 375563 ..	4-40
Fig. 24 - Hydraulic Solenoid Valve Breakdown, 84014	4-42
Fig. 25 - Hydraulic Cylinder Breakdown, 53601	4-44
Fig. 26 - Hydraulic Cylinder Breakdown, 1026719	4-45
Fig. 27 - Cab Assembly	4-46
Fig. 28 - Cab Door Assembly	4-48
Fig. 29 - Cab Insulation Group	4-50
Fig. 30 - Cab Wire Harness Group	4-52
Fig. 31 - AC Condenser Box Breakdown, 380625	4-53

Contents	Page
Fig. 32 - AC and Heater Box Breakdown, 380613	4-54
Fig. 33 - Heater Box Breakdown, 380614	4-56
Fig. 34 - Brake Assy, Right Hand (R.h.) 77790	4-58
Fig. 35 - Brake Assy, Left Hand (L.h.) 77770 ...	4-60
Fig. 36 - LPG EFI Breakdown, 371894	4-62
Fig. 37 - LPG EFI Breakdown, 371895	4-64
Fig. 38 - Gasoline EFI Breakdown, 371896	4-66
Fig. 39 - Gasoline Electronic Fuel Ignition Breakdown, 371897	4-68

Fig. 1 - Hydraulic Piston Pump Breakdown, 74163

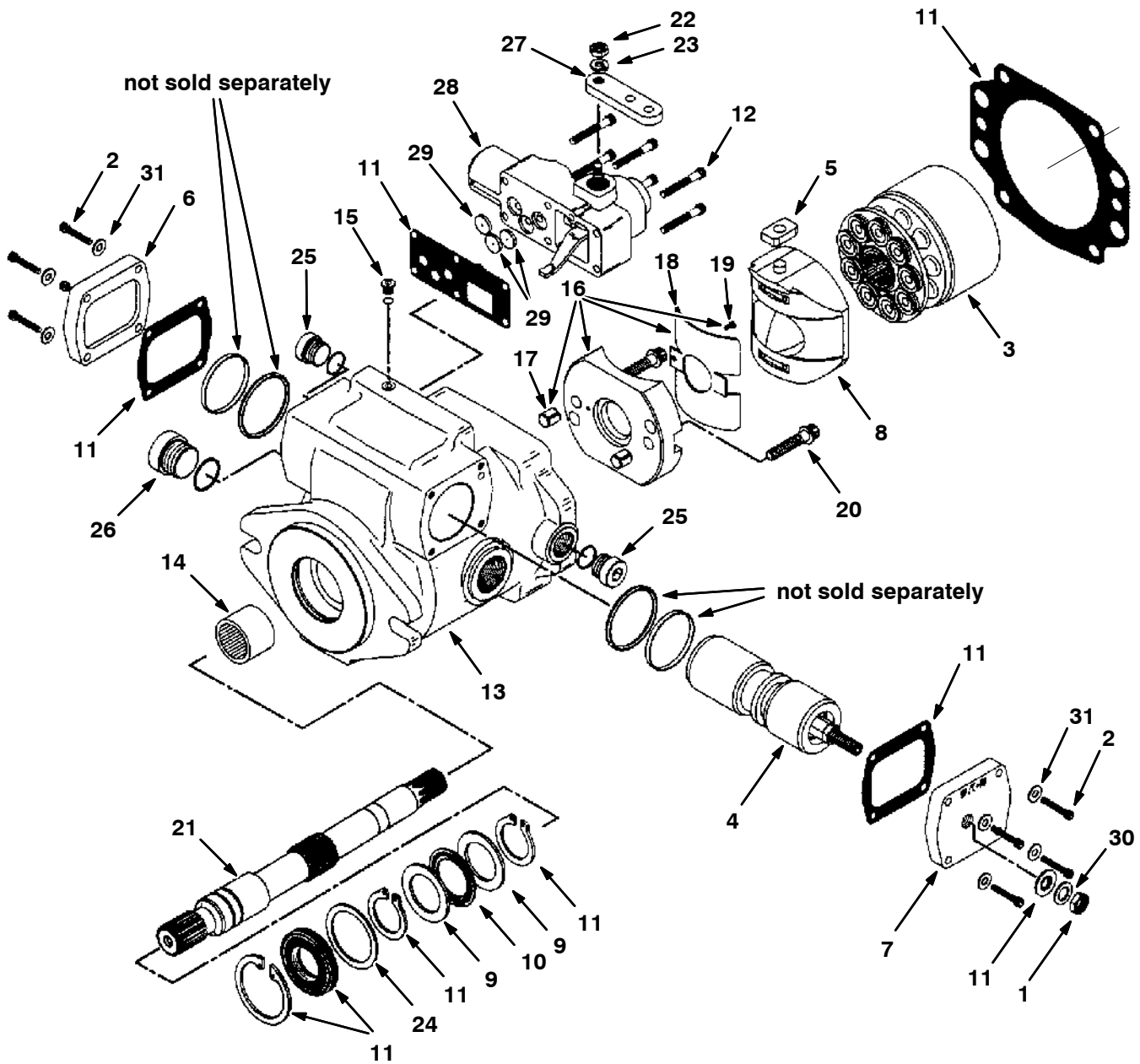


Fig. 1 - Hydraulic Piston Pump Breakdown, 74163

NOTE: Piston Pump, TENNANT Part Number 74163, includes Fig. 1, Fig. 2 and Fig. 5.

Ref.	Part No.	Serial Number	Description	Qty.
1	74184	(000000-	) Nut, Jam	1
2	74223	(000000-	) Screw, Cap	8
3	61882	(000000-	) Rotating Kit	1
4	74253	(000000-	) Piston, Servo	1
5	74254	(000000-	) Follower, Piston	1
6	74256	(000000-	) Plate, Cover En	1
7	74257	(000000-	) Plate, Cover En	1
8	74258	(000000-	) Camplate S/A En	1
9	74240	(000000-	) Race, Bearing Ce	2
10	74210	(000000-	) Bearing	1
11	74283	(000000-	) Seal Kit, Pump En	1
12	74262	(000000-	) Screw, Cap En	6
▽	74263	(000000-	) Housing S/A En	1
▲	13 79771	(000000-	) Housing En	1
▲	14 37462	(000000-	) Bearing	1
▲	15 79742	(000000-	) Plug S/A En	1
▽	16 79743	(000000-	) Cradle Sub Assy En	1
▲	17 79744	(000000-	) Dowel Bushing En	2
▲	18 79745	(000000-	) Bushing En	1
▲	19 79746	(000000-	) Cap Screw En	1
20	79747	(000000-	) Cap Screw En	2
21	74265	(000000-	) Shaft, Drive Sp En	1
22	74266	(000000-	) Nut En	1
23	74267	(000000-	) Lockwasher En	1
24	37460	(000000-	) Washer	1
25	13907	(000000-	) Plug #8	2
26	79779	(000000-	) Plug,#12 O-Ring Ph	1
27	74272	(000000-	) Arm, Control En	1
28	74273	(000000-	) Control, Manual (See Breakdowns)	1
29	74276	(000000-	) Orifice, Valve En	1
30	74280	(000000-	) Washer En	1
31	74281	(000000-	) Washer En	8

Fig. 2 - Hydraulic Piston Pump Breakdown, 74163

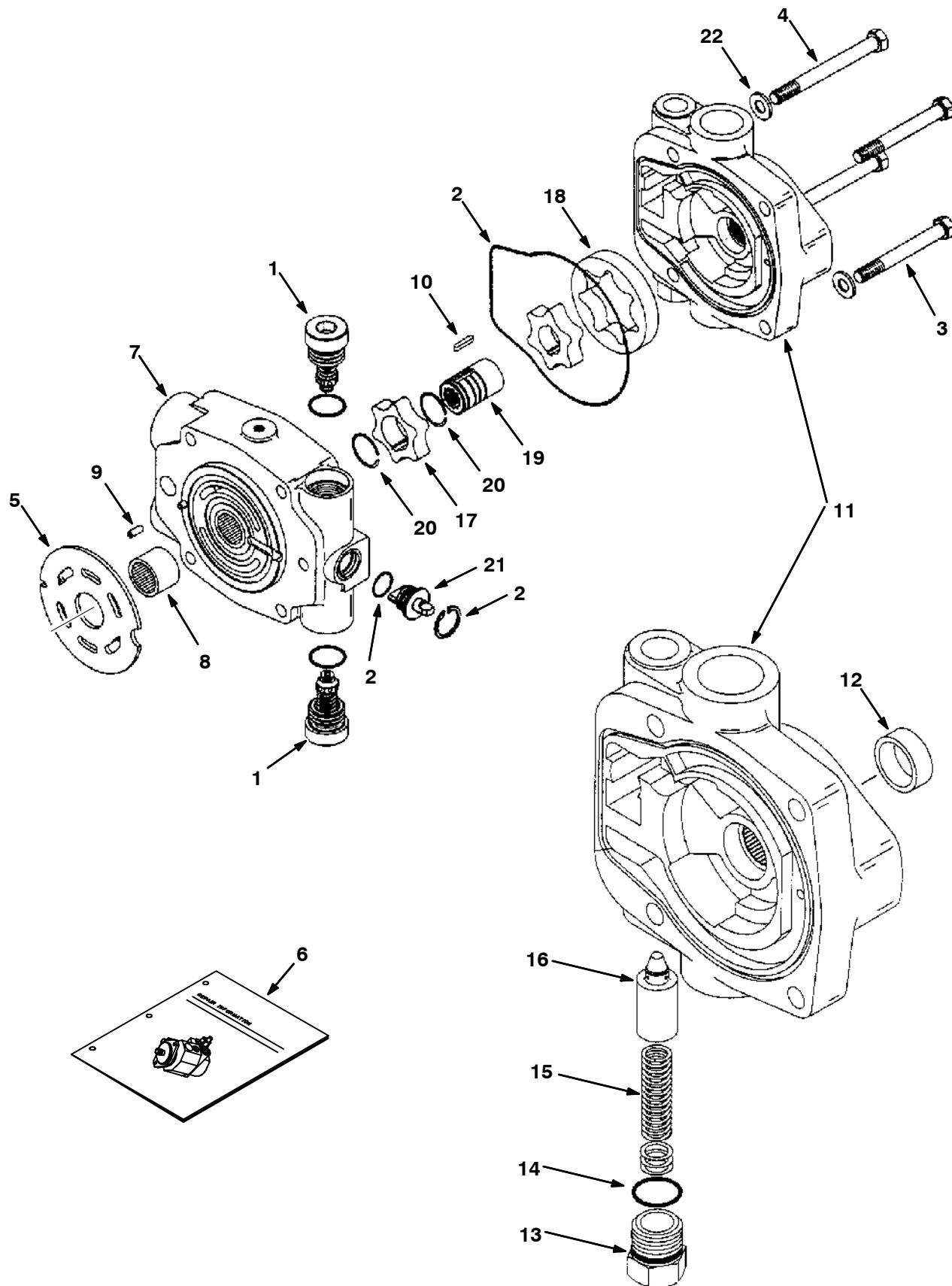


Fig. 2 - Hydraulic Piston Pump Breakdown, 74163

NOTE: Piston Pump, TENNANT Part Number 74163, includes Fig. 1, Fig. 2 and Fig. 5.

Ref.	Part No.	Serial Number	Description	Qty.
1	74259	(000000-	) Relief Valve Sa En	2
2	74283	(000000-	) Seal Kit, Pump En	1
3	74260	(000000-	) Screw, Cap En	2
4	74261	(000000-	) Screw, Cap En	2
5	61886	(000000-	) Valve Plate	1
6	79708	(000000-	) Repair Info,Pmp En	1
▽ 7	74264	(000000-	) Backplate S/A En	1
▲ 8	34159	(000000-	) Bearing	1
▲ 9	79748	(000000-	) Roll Pin En	1
10	74270	(000000-	) Key En	1
▽ 11	74271	(000000-	) Charge Pmp Adap En	1
▲ 12	79749	(000000-	) Bushing En	1
▲ 13	79750	(000000-	) Plug En	1
▲ 14	79751	(000000-	) Shims En	1
▲ 15	79752	(000000-	) Spring En	1
▲ 16	79753	(000000-	) Poppet En	1
17	74274	(000000-	) Geroter,Ring In En	1
18	74275	(000000-	) Geroter,Ring Ot En	1
19	74277	(000000-	) Coupler En	1
20	74278	(000000-	) Ring, Retaining En	2
21	74279	(000000-	) Actuator, Valve En	1
22	74282	(000000-	) Washer En	4

Fig. 3 - Hydraulic Piston Pump Breakdown, 373404

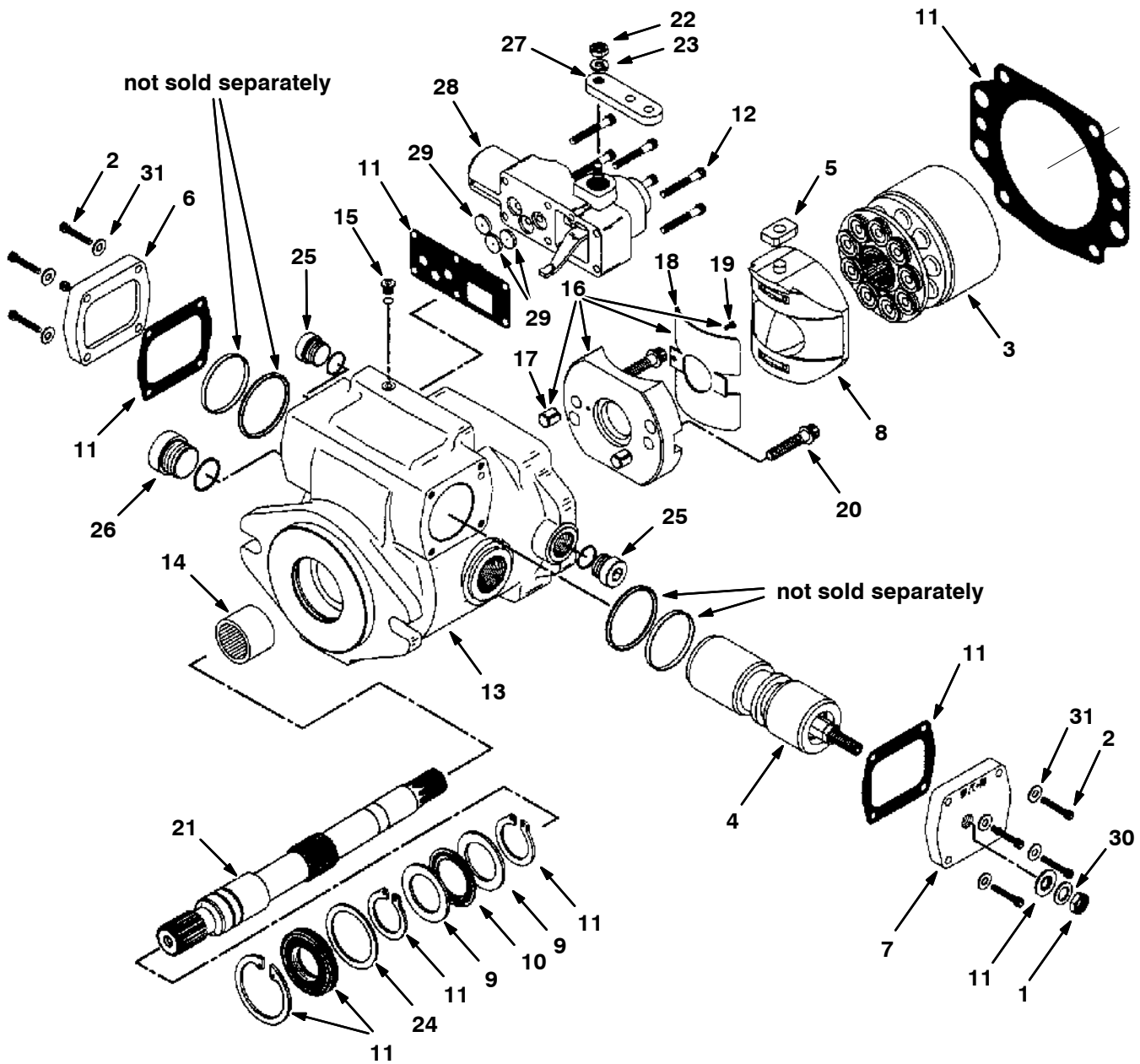


Fig. 3 - Hydraulic Piston Pump Breakdown, 373404

NOTE: Piston Pump, TENNANT Part Number 373404, includes Fig. 3, Fig. 4 and Fig. 5.

Ref.	Part No.	Serial Number	Description	Qty.
1	74184	(000000-	) Nut, Jam	1
2	74223	(000000-	) Screw, Cap	8
3	61882	(000000-	) Rotating Kit	1
4	373407	(000000-	) Piston, Servo	1
5	74254	(000000-	) Follower, Piston	1
6	74256	(000000-	) Plate, Cover En	1
7	74257	(000000-	) Plate, Cover En	1
8	74258	(000000-	) Camplate S/A En	1
9	74240	(000000-	) Race, Bearing Ce	2
10	74210	(000000-	) Bearing	1
11	74283	(000000-	) Seal Kit, Pump En	1
12	74262	(000000-	) Screw, Cap En	6
▽	373408	(000000-	) Housing S/A En	1
▲	13 373409	(000000-	) Housing En	1
▲	14 37462	(000000-	) Bearing	1
▲	15 79742	(000000-	) Plug S/A En	1
▽	16 373410	(000000-	) Cradle Sub Assy En	1
▲	17 373218	(000000-	) Dowel Bushing En	2
▲	18 373414	(000000-	) Bushing En	1
▲	19 373415	(000000-	) Cap Screw En	1
20	79747	(000000-	) Cap Screw En	2
21	74265	(000000-	) Shaft, Drive Sp En	1
22	74266	(000000-	) Nut En	1
23	74267	(000000-	) Lockwasher En	1
24	37460	(000000-	) Washer	1
25	13907	(000000-	) Plug #8	2
26	79779	(000000-	) Plug,#12 O-Ring Ph	1
27	74272	(000000-	) Arm, Control En	1
28	74273	(000000-	) Control, Manual (See Breakdowns)	1
29	74276	(000000-	) Orifice, Valve En	1
30	74280	(000000-	) Washer En	1
31	74281	(000000-	) Washer En	8

Fig. 4 - Hydraulic Piston Pump Breakdown, 373404

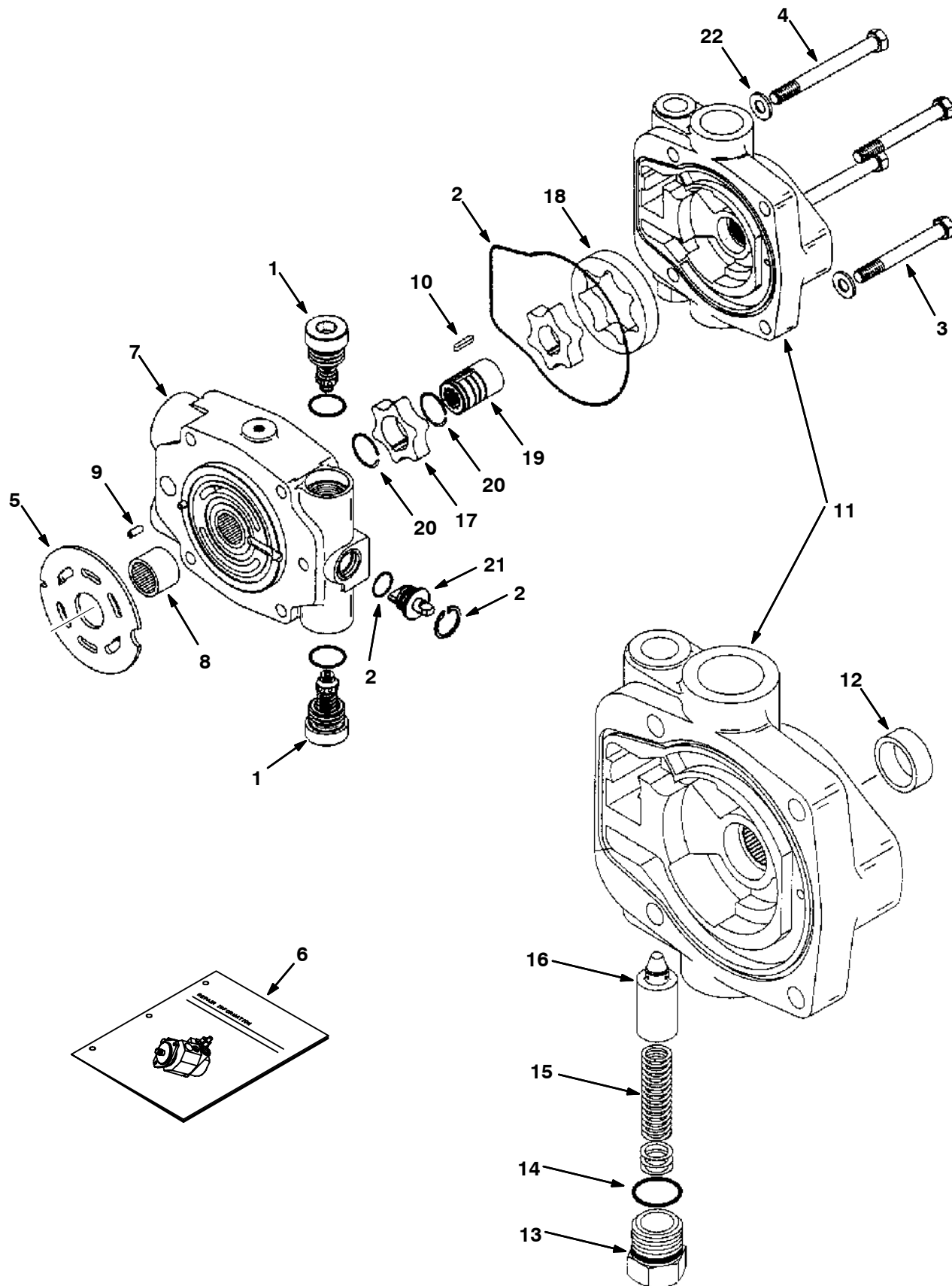


Fig. 4 - Hydraulic Piston Pump Breakdown, 373404

NOTE: Piston Pump, TENNANT Part Number 373404, includes .Fig. 3, Fig. 4 and Fig. 5.

Ref.	Part No.	Serial Number	Description	Qty.
1	74259	(000000-	) Relief Valve Sa En	2
2	74283	(000000-	) Seal Kit, Pump En	1
3	373374	(000000-	) Screw, Cap En	2
4	373375	(000000-	) Screw, Cap En	2
5	61886	(000000-	) Valve Plate	1
6	373406	(000000-	) Repair Info,Pmp En	1
▽ 7	373412	(000000-	) Backplate S/A En	1
▲ 8	34159	(000000-	) Bearing	1
▲ 9	79748	(000000-	) Roll Pin En	1
10	74270	(000000-	) Key En	1
▽ 11	74271	(000000-	) Charge Pmp Adap En	1
▲ 12	79749	(000000-	) Bushing En	1
▲ 13	79750	(000000-	) Plug En	1
▲ 14	79751	(000000-	) Shims En	1
▲ 15	79752	(000000-	) Spring En	1
▲ 16	79753	(000000-	) Poppet En	1
17	74274	(000000-	) Geroter,Ring In En	1
18	74275	(000000-	) Geroter,Ring Ot En	1
19	74277	(000000-	) Coupler En	1
20	74278	(000000-	) Ring, Retaining En	2
21	373413	(000000-	) Actuator, Valve En	1
22	74282	(000000-	) Washer En	4

Fig. 5 - Hydraulic Manual Control Breakdown, 74273

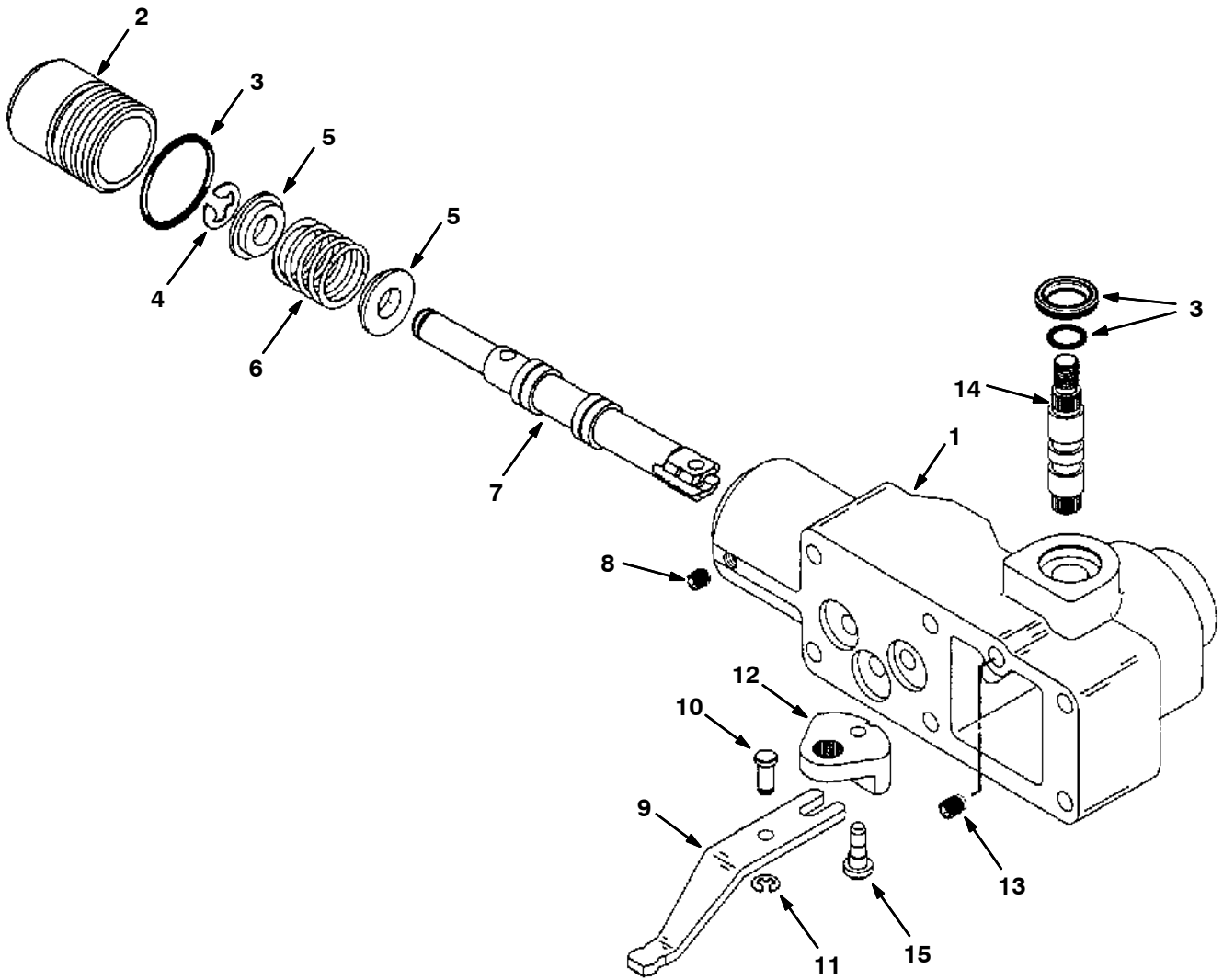


Fig. 5 - Hydraulic Manual Control Breakdown, 74273

NOTE: Piston Pump, TENNANT Part Number 74163, includes Fig. 1, Fig. 2 and Fig. 5.

NOTE: Piston Pump, TENNANT Part Number 373404, includes .Fig. 3, Fig. 4 and Fig. 5.

	Ref.	Part No.	Serial Number	Description	Qty.
▽		74273	(000000-	) Control, Manual	1
▲	1	79754	(000000-	) Housing,Control	1
▲	2	79755	(000000-	) Plug	1
▲	3	79776	(000000-	) Seal Kit,Cntrl	1
▲	4	79756	(000000-	) Ring, Retaining	1
▲	5	79757	(000000-	) Spring,Retainer	2
▲	6	79758	(000000-	) Spring, Cntr	1
▲	7	79759	(000000-	) Valve Spool	1
▲	8	79760	(000000-	) Screw, Set	1
▲	9	79761	(000000-	) Link, Feedback	1
▲	10	79762	(000000-	) Dowel Pin	1
▲	11	79763	(000000-	) Ring, Retaining	1
▲	12	79764	(000000-	) Bell Crank	1
▲	13	79765	(000000-	) Screw, Set	1
▲	14	79766	(000000-	) Shaft, Input	1
▲	15	79767	(000000-	) Pin, Headed	1

Fig. 6 - Hydraulic Piston Pump Breakdown, 74164

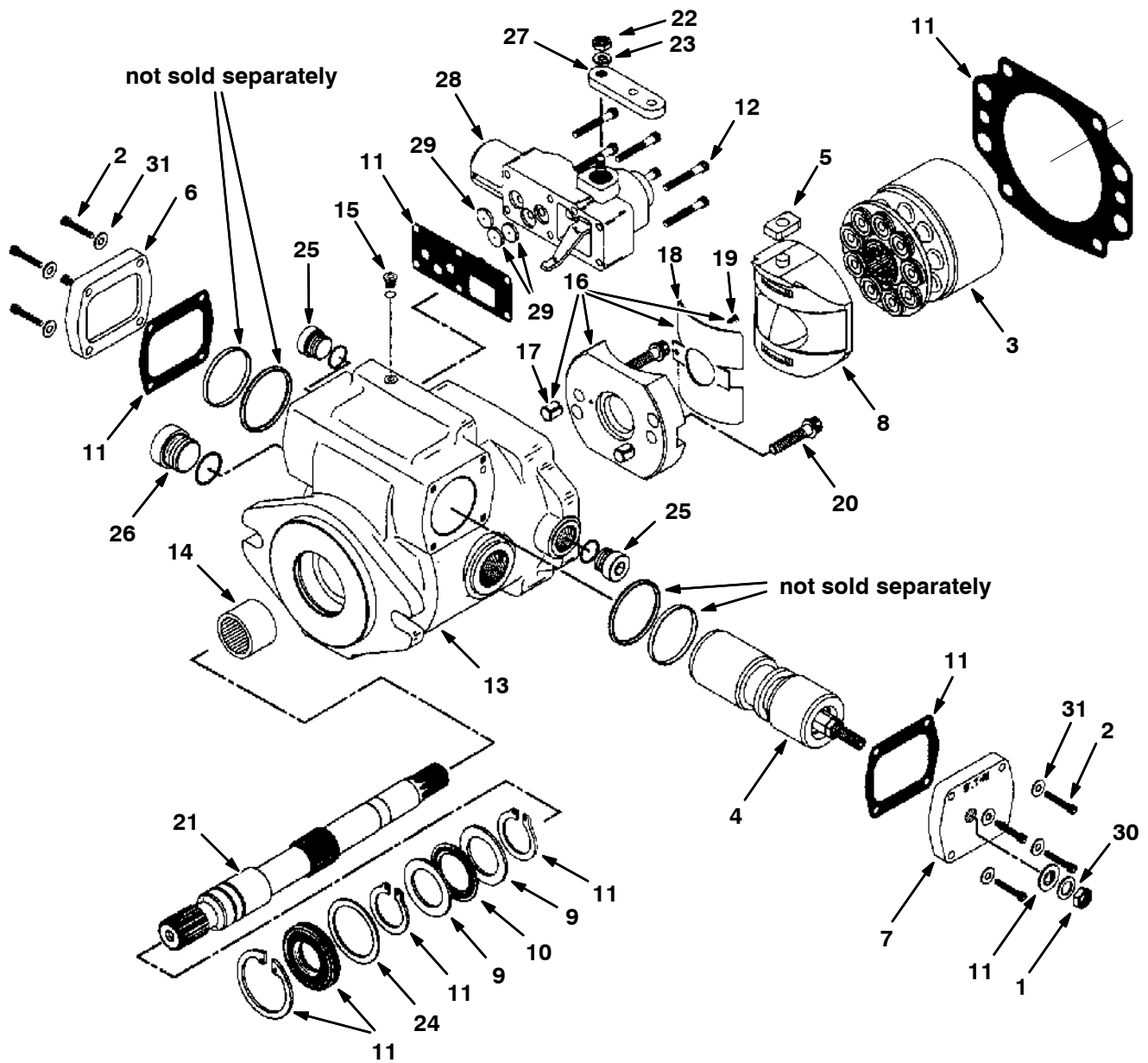


Fig. 6 - Hydraulic Piston Pump Breakdown, 74164

NOTE: Piston Pump, TENNANT Part Number 74164, includes Fig. 6, Fig. 7 and Fig. 10.

Ref.	Part No.	Serial Number	Description	Qty.
1	74184	(000000-	) Nut, Jam	1
2	74223	(000000-	) Screw, Cap	8
3	61882	(000000-	) Rotating Kit	1
4	74253	(000000-	) Piston, Servo	1
5	74254	(000000-	) Follower, Piston	1
6	74256	(000000-	) Plate, Cover En	1
7	74257	(000000-	) Plate, Cover En	1
8	74258	(000000-	) Camplate S/A En	1
9	74240	(000000-	) Race, Bearing Ce	2
10	74210	(000000-	) Bearing	1
11	74283	(000000-	) Seal Kit, Pump En	1
12	74262	(000000-	) Screw, Cap En	6
▽	74263	(000000-	) Housing S/A En	1
▲	13 79771	(000000-	) Housing En	1
▲	14 37462	(000000-	) Bearing	1
▲	15 79742	(000000-	) Plug S/A En	1
▽	16 79743	(000000-	) Cradle Sub Assy En	1
▲	17 79744	(000000-	) Dowel Bushing En	2
▲	18 79745	(000000-	) Bushing En	1
▲	19 79746	(000000-	) Cap Screw En	1
20	79747	(000000-	) Cap Screw En	2
21	74265	(000000-	) Shaft, Drive Sp En	1
22	74266	(000000-	) Nut En	1
23	74267	(000000-	) Lockwasher En	1
24	37460	(000000-	) Washer	1
25	13907	(000000-	) Plug #8	2
26	79779	(000000-	) Plug,#12 O-Ring Ph	1
27	74272	(000000-	) Arm, Control En	1
28	373369	(000000-	) Control, Manual (See Breakdowns)	1
29	74276	(000000-	) Orifice, Valve En	1
30	74280	(000000-	) Washer En	1
31	74281	(000000-	) Washer En	8

Fig. 7 - Hydraulic Piston Pump Breakdown, 74164

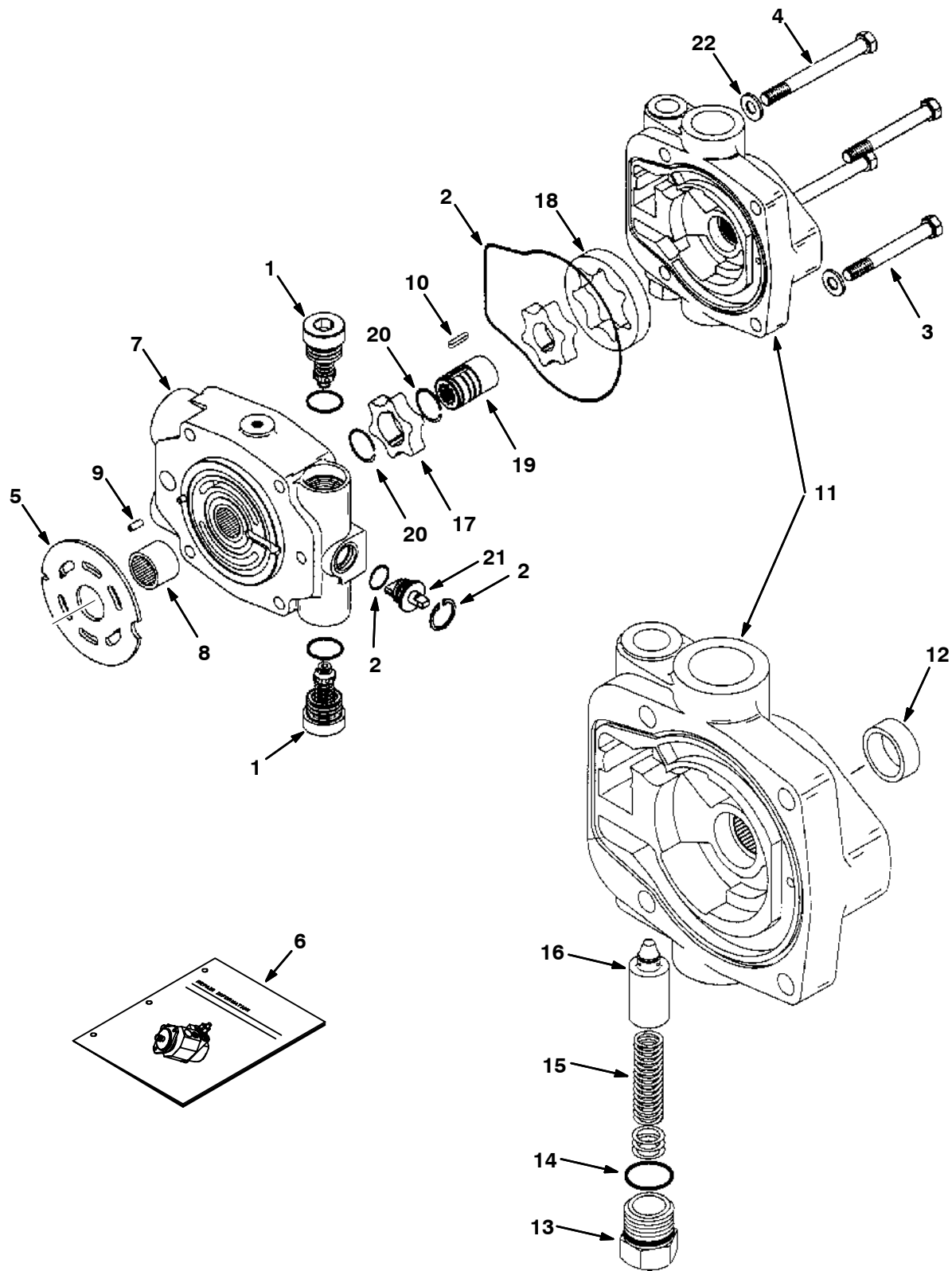


Fig. 7 - Hydraulic Piston Pump Breakdown, 74164

NOTE: Piston Pump, TENNANT Part Number 74164, includes Fig. 6, Fig. 7 and Fig. 10.

Ref.	Part No.	Serial Number	Description	Qty.
1	74259	(000000-	) Relief Valve Sa En	2
2	74283	(000000-	) Seal Kit, Pump En	1
3	74260	(000000-	) Screw, Cap En	2
4	74261	(000000-	) Screw, Cap En	2
5	61886	(000000-	) Valve Plate	1
6	79708	(000000-	) Repair Info,Pmp En	1
▽ 7	74264	(000000-	) Backplate S/A En	1
▲ 8	34159	(000000-	) Bearing	1
▲ 9	79748	(000000-	) Roll Pin En	1
10	74270	(000000-	) Key En	1
▽ 11	74271	(000000-	) Charge Pmp Adap En	1
▲ 12	79749	(000000-	) Bushing En	1
▲ 13	79750	(000000-	) Plug En	1
▲ 14	79751	(000000-	) Shims En	1
▲ 15	79752	(000000-	) Spring En	1
▲ 16	79753	(000000-	) Poppet En	1
17	74274	(000000-	) Geroter,Ring In En	1
18	74275	(000000-	) Geroter,Ring Ot En	1
19	74277	(000000-	) Coupler En	1
20	74278	(000000-	) Ring, Retaining En	2
21	74279	(000000-	) Actuator, Valve En	1
22	74282	(000000-	) Washer En	4

Fig. 8 - Hydraulic Piston Pump Breakdown, 373405

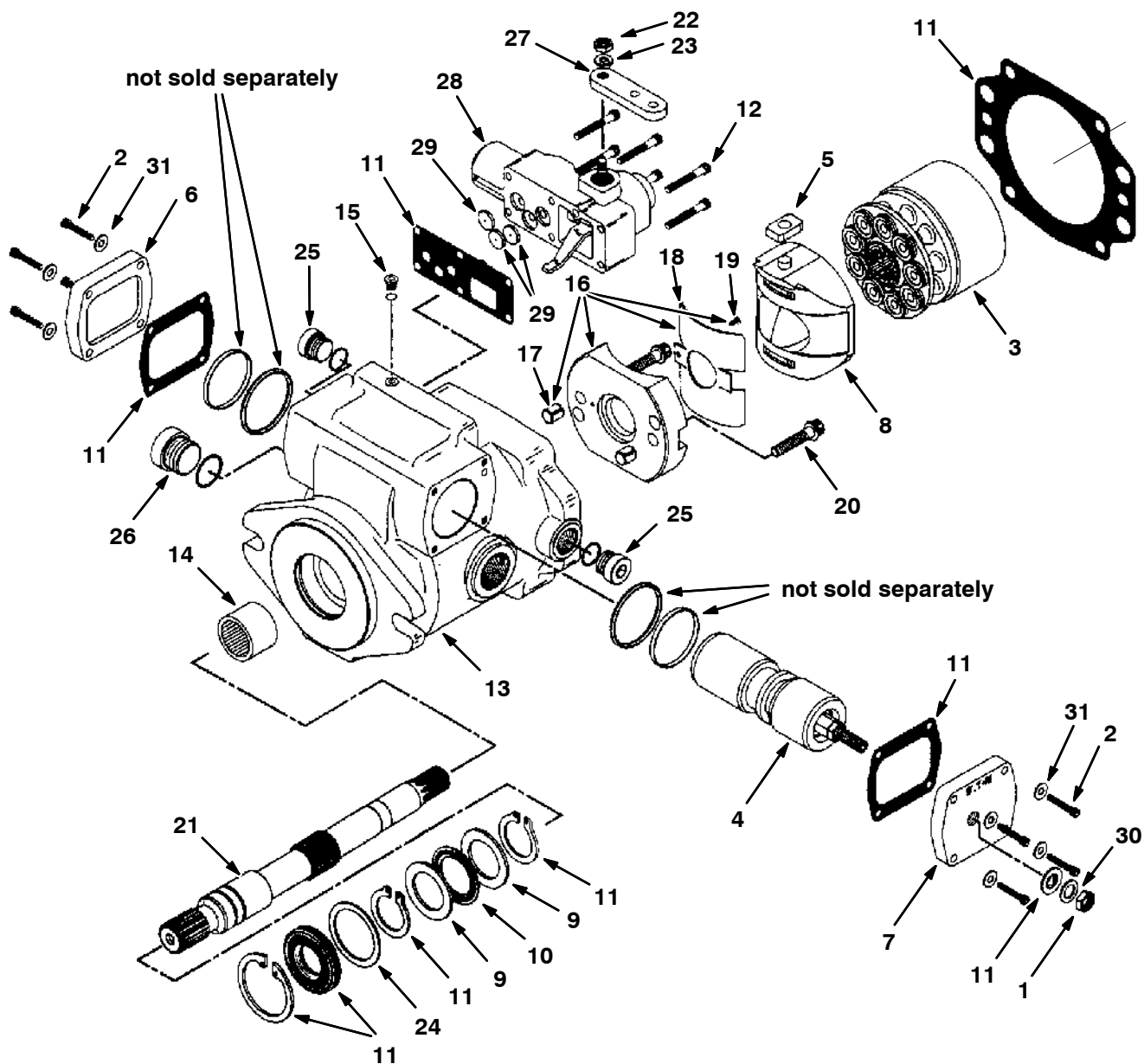


Fig. 8 - Hydraulic Piston Pump Breakdown, 373405

NOTE: Piston Pump, TENNANT Part Number 373405, includes Fig. 8, Fig. 9 and Fig. 10.

Ref.	Part No.	Serial Number	Description	Qty.
1	74184	(000000-	) Nut, Jam	1
2	74223	(000000-	) Screw, Cap	8
3	61882	(000000-	) Rotating Kit	1
4	373407	(000000-	) Piston, Servo	1
5	74254	(000000-	) Follower, Piston	1
6	74256	(000000-	) Plate, Cover En	1
7	74257	(000000-	) Plate, Cover En	1
8	74258	(000000-	) Camplate S/A En	1
9	74240	(000000-	) Race, Bearing Ce	2
10	74210	(000000-	) Bearing	1
11	74283	(000000-	) Seal Kit, Pump En	1
12	74262	(000000-	) Screw, Cap En	6
▽	373408	(000000-	) Housing S/A En	1
▲	13 373409	(000000-	) Housing En	1
▲	14 37462	(000000-	) Bearing	1
▲	15 79742	(000000-	) Plug S/A En	1
▽	16 373410	(000000-	) Cradle Sub Assy En	1
▲	17 373218	(000000-	) Dowel Bushing En	2
▲	18 373414	(000000-	) Bushing En	1
▲	19 373415	(000000-	) Cap Screw En	1
20	79747	(000000-	) Cap Screw En	2
21	74265	(000000-	) Shaft, Drive Sp En	1
22	74266	(000000-	) Nut En	1
23	74267	(000000-	) Lockwasher En	1
24	37460	(000000-	) Washer	1
25	13907	(000000-	) Plug #8	2
26	79779	(000000-	) Plug,#12 O-Ring Ph	1
27	74272	(000000-	) Arm, Control En	1
28	373369	(000000-	) Control, Manual (See Breakdowns)	1
29	74276	(000000-	) Orifice, Valve En	1
30	74280	(000000-	) Washer En	1
31	74281	(000000-	) Washer En	8

Fig. 9 - Hydraulic Piston Pump Breakdown, 373405

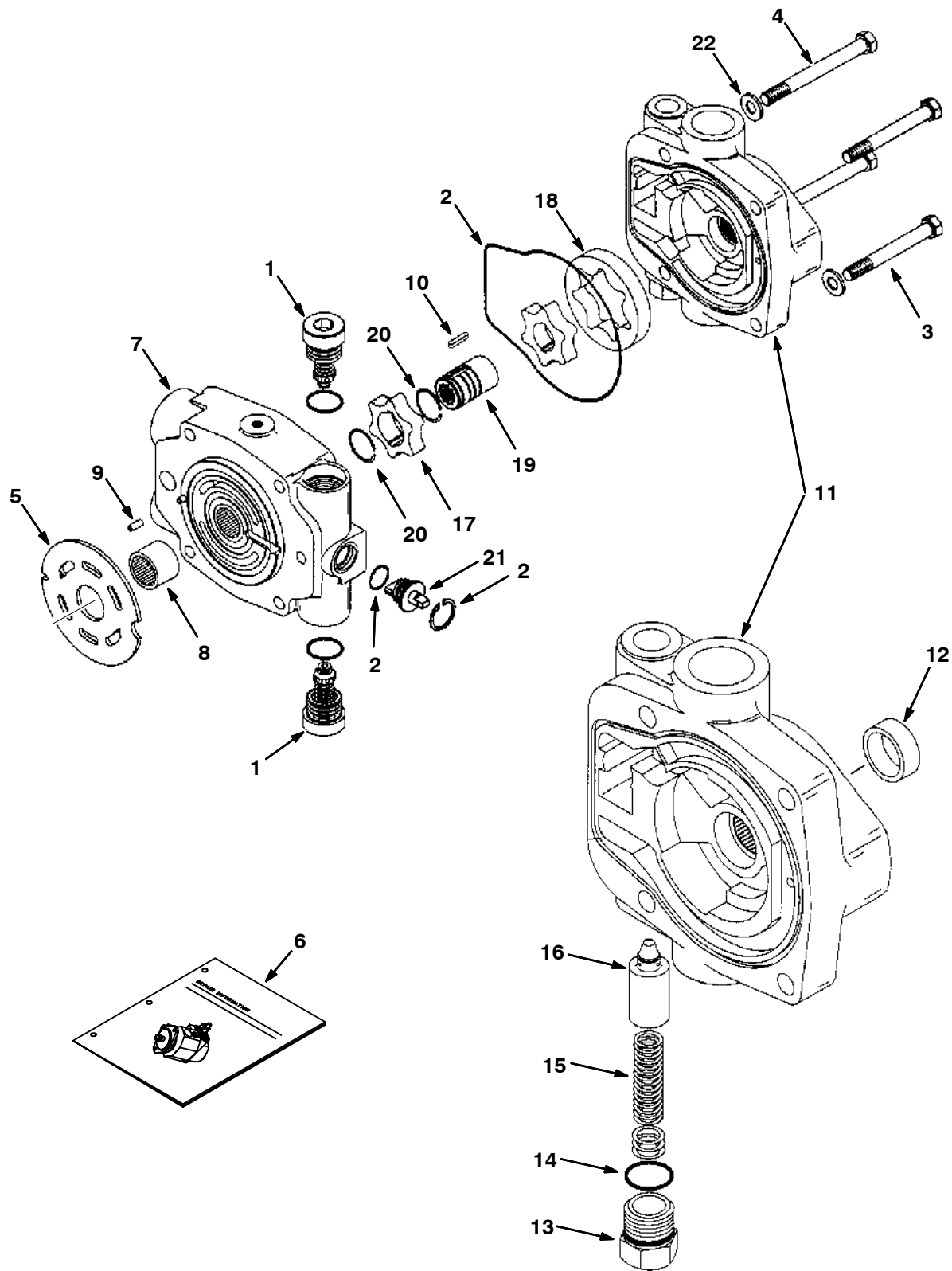


Fig. 9 - Hydraulic Piston Pump Breakdown, 373405

NOTE: Piston Pump, TENNANT Part Number 373405, includes Fig. 8, Fig. 9 and Fig. 10.

Ref.	Part No.	Serial Number	Description	Qty.
1	74259	(000000-	) Relief Valve Sa En	2
2	74283	(000000-	) Seal Kit, Pump En	1
3	373374	(000000-	) Screw, Cap En	2
4	373375	(000000-	) Screw, Cap En	2
5	61886	(000000-	) Valve Plate	1
6	373406	(000000-	) Repair Info,Pmp En	1
▽ 7	373412	(000000-	) Backplate S/A En	1
▲ 8	34159	(000000-	) Bearing	1
▲ 9	79748	(000000-	) Roll Pin En	1
10	74270	(000000-	) Key En	1
▽ 11	74271	(000000-	) Charge Pmp Adap En	1
▲ 12	79749	(000000-	) Bushing En	1
▲ 13	79750	(000000-	) Plug En	1
▲ 14	79751	(000000-	) Shims En	1
▲ 15	79752	(000000-	) Spring En	1
▲ 16	79753	(000000-	) Poppet En	1
17	74274	(000000-	) Geroter,Ring In En	1
18	74275	(000000-	) Geroter,Ring Ot En	1
19	74277	(000000-	) Coupler En	1
20	74278	(000000-	) Ring, Retaining En	2
21	373413	(000000-	) Actuator, Valve En	1
22	74282	(000000-	) Washer En	4

Fig. 10 - Hydraulic Manual Control Breakdown, 373369

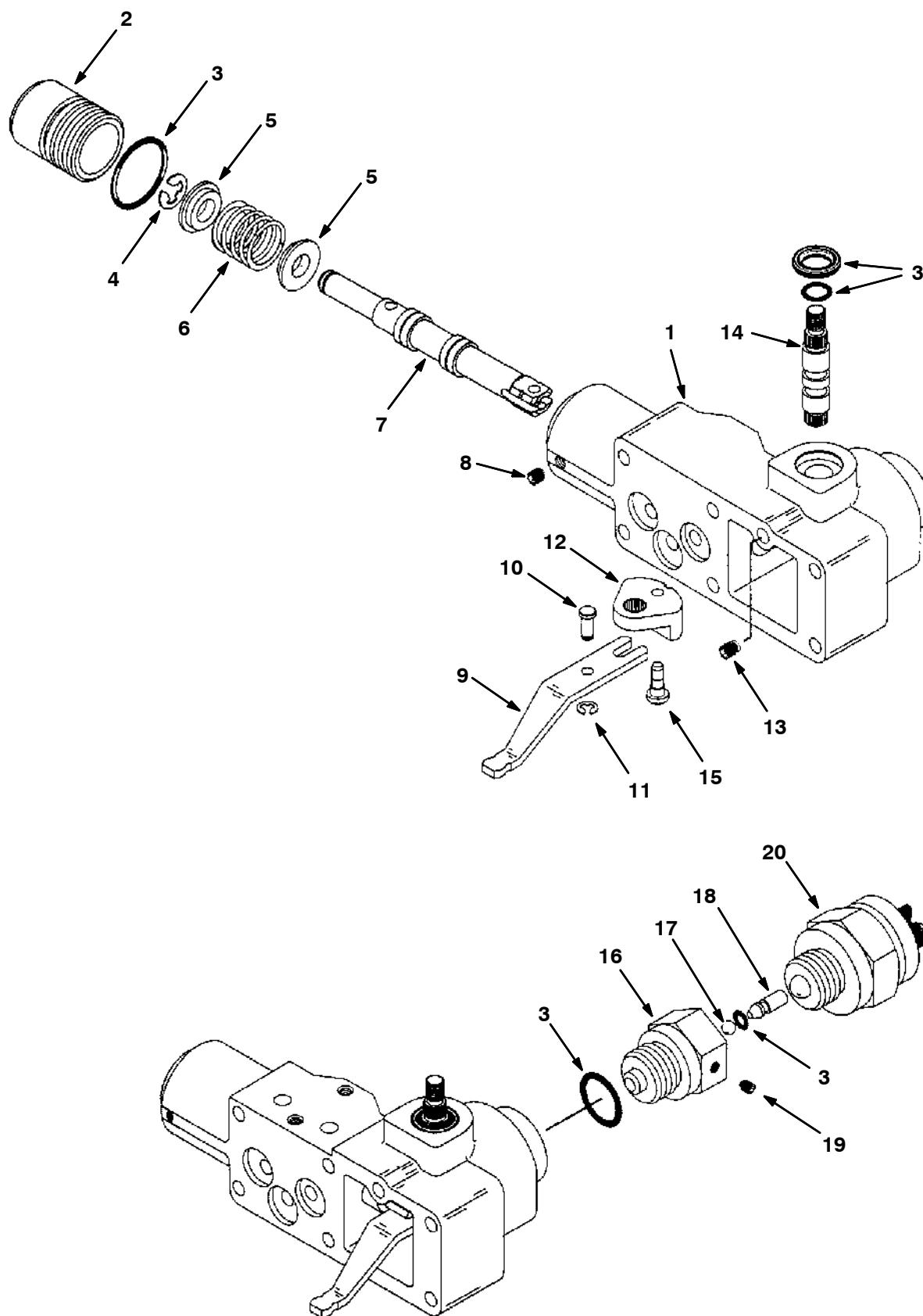


Fig. 10 - Hydraulic Manual Control Breakdown, 373369

NOTE: Piston Pump, TENNANT Part Number 74164, includes Fig. 6, Fig. 7 and Fig. 10.

NOTE: Piston Pump, TENNANT Part Number 373405, includes Fig. 8, Fig. 9 and Fig. 10.

	Ref.	Part No.	Serial Number	Description	Qty.
▽		373369	(000000-	) Manual Control En	1
▲	1	79777	(000000-	) Housing,Control En	1
▲	2	79755	(000000-	) Plug En	1
▲	3	79776	(000000-	) Seal Kit,Cntrl En	1
▲	4	79756	(000000-	) Ring, Retaining En	1
▲	5	79757	(000000-	) Spring,Retainer En	2
▲	6	79758	(000000-	) Spring, Cntr En	1
▲	7	79772	(000000-	) Vlv Spool Wide En	1
▲	8	79760	(000000-	) Screw, Set En	1
▲	9	79761	(000000-	) Link, Feedback En	1
▲	10	79762	(000000-	) Dowel Pin En	1
▲	11	79763	(000000-	) Ring, Retaining En	1
▲	12	79764	(000000-	) Bell Crank En	1
▲	13	79765	(000000-	) Screw, Set En	1
▲	14	79766	(000000-	) Shaft, Input En	1
▲	15	79767	(000000-	) Pin, Headed En	1
▲	16	373371	(000000-	) Adaptor,Neutral En	1
▲	17	79774	(000000-	) Ball En	1
▲	18	373372	(000000-	) Pin, Cntrl Assy En	1
▲	19	79760	(000000-	) Screw, Set En	1
▲	20	373373	(000000-	) Switch,Lockout En	1

Fig. 11 - Hydraulic Gear Pump Breakdown, 62561

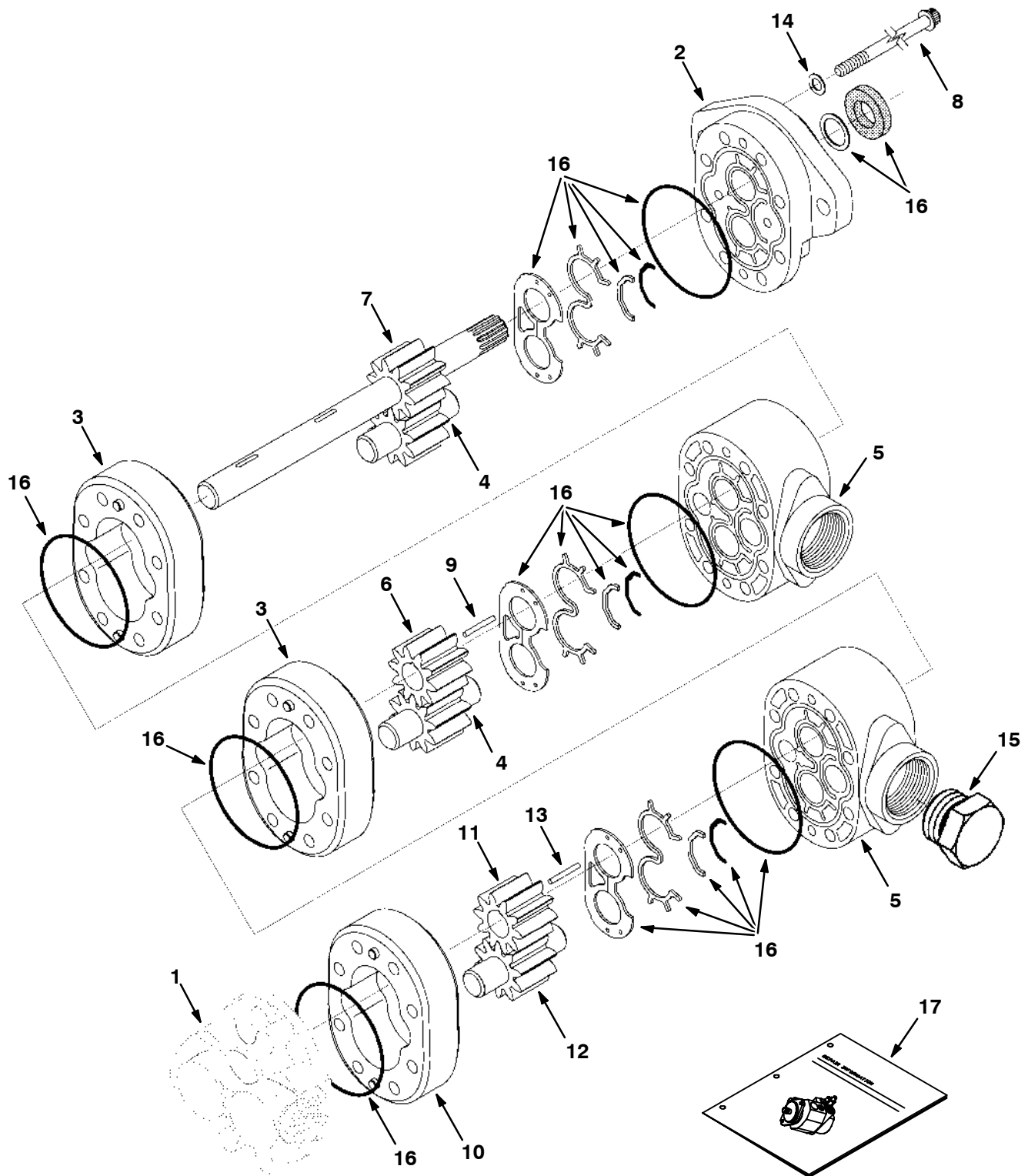


Fig. 11 - Hydraulic Gear Pump Breakdown, 62561

	Ref.	Part No.	Serial Number	Description	Qty.
▽		62561	(000000-	) Pump, Hyd	1
▲	1	58242	(000000-	) Plate, Back	1
▲	2	74149	(000000-	) Plate, Front	1
▲	3	74150	(000000-	) Body Assy	2
▲	4	74151	(000000-	) Gear, Idler	2
▲	5	74152	(000000-	) Plate, Adapter	2
▲	6	74148	(000000-	) Gear, Slip Fit	1
▲	7	65226	(000000-	) Drive Gear Assembly	1
▲	8	74154	(000000-	) Screw, Cap	8
▲	9	74160	(000000-	) Key, Round	1
▲	10	74157	(000000-	) Body Assembly	1
▲	11	74153	(000000-	) Gear	1
▲	12	74158	(000000-	) Gear, Idler	1
▲	13	74156	(000000-	) Key, Round	1
▲	14	74159	(000000-	) Washer	4
▲	15	74161	(000000-	) Plug, O-ring	1
▲	16	59305	(000000-	) Kit, Seal, Hyd, Pump	1
	17	763483	(000000-	) Repair Info, Pump	1

Fig. 12 - Hydraulic Gear Pump Breakdown, 373254

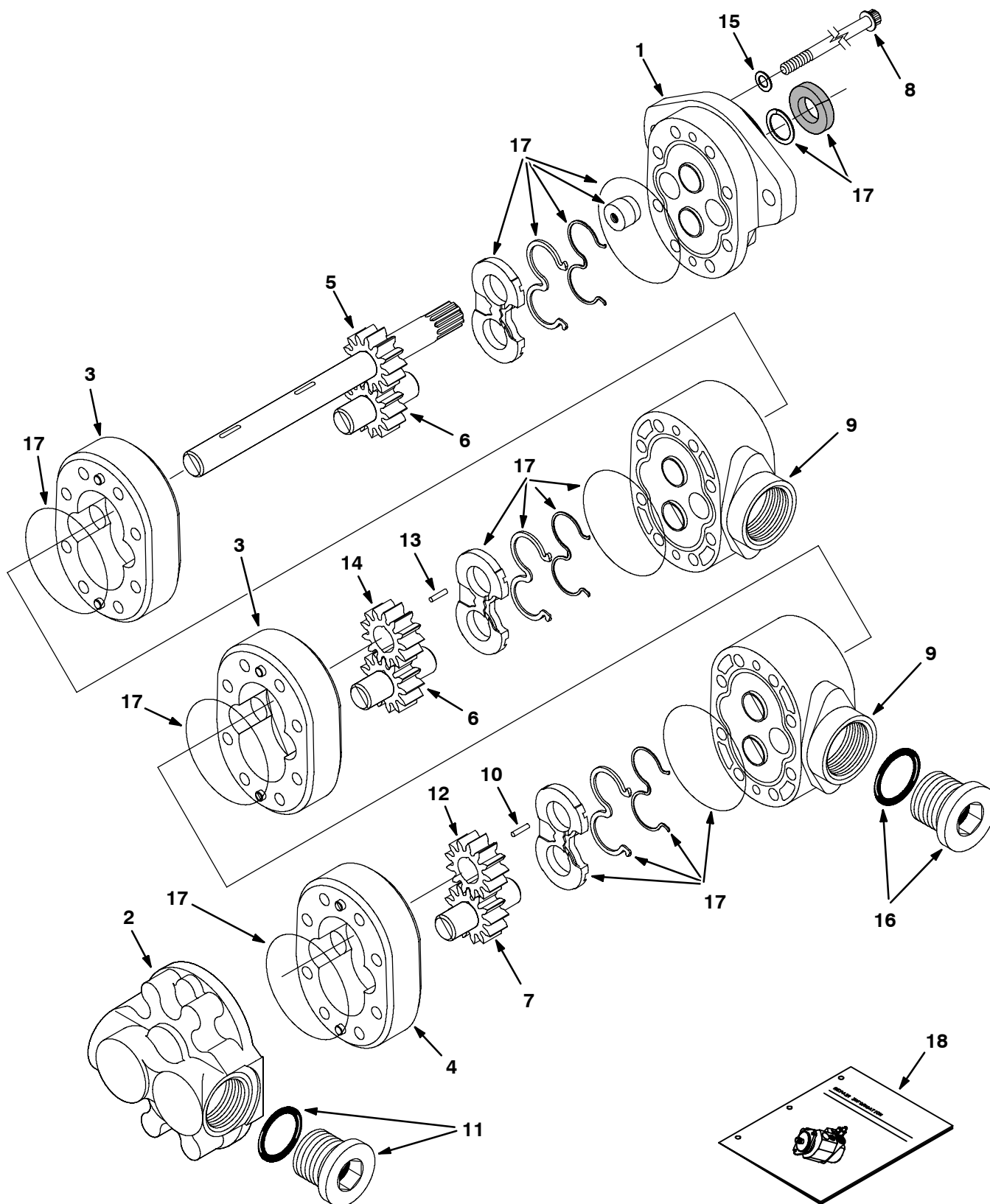


Fig. 12 - Hydraulic Gear Pump Breakdown, 373254

	Ref.	Part No.	Serial Number	Description	Qty.
▽		373254	(000000-	) Pump, Hyd, Gear, [Ex3] 0.66 [R] 3000	1
▲	1	373201	(000000-	) Plate, Front, Pump, Hyd	1
▲	2	373276	(000000-	) Plate, Back, Pump, Hyd	1
▲	3	373232	(000000-	) Housing	1
▲	4	373256	(000000-	) Body	2
▲	5	373457	(000000-	) Gear, Drive	1
▲	6	373211	(000000-	) Gear Assy, Idler	1
▲	7	373258	(000000-	) Gear, Idler	2
▲	8	74154	(000000-	) Screw, Cap, Motor, Hyd	8
▲	9	373235	(000000-	) Plate, Adaptor	2
▲	10	373458	(000000-	) Key	1
▲	11	71725	(000000-	) Plug, O-Ring	1
▲	12	373259	(000000-	) Gear, [Slip Fit]	1
▲	13	373284	(000000-	) Key	1
▲	14	373242	(000000-	) Gear	1
▲	15	373243	(000000-	) Washer	4
▲	16	74161	(000000-	) Plug, O-Ring	1
▲	17	373255	(000000-	) Kit, Seal, Pump	1
▲	18	373207	(000000-	) Instr, Kit, Repair, Pump, Hyd	1

Fig. 13 - Hydraulic Motor Breakdown, 63426

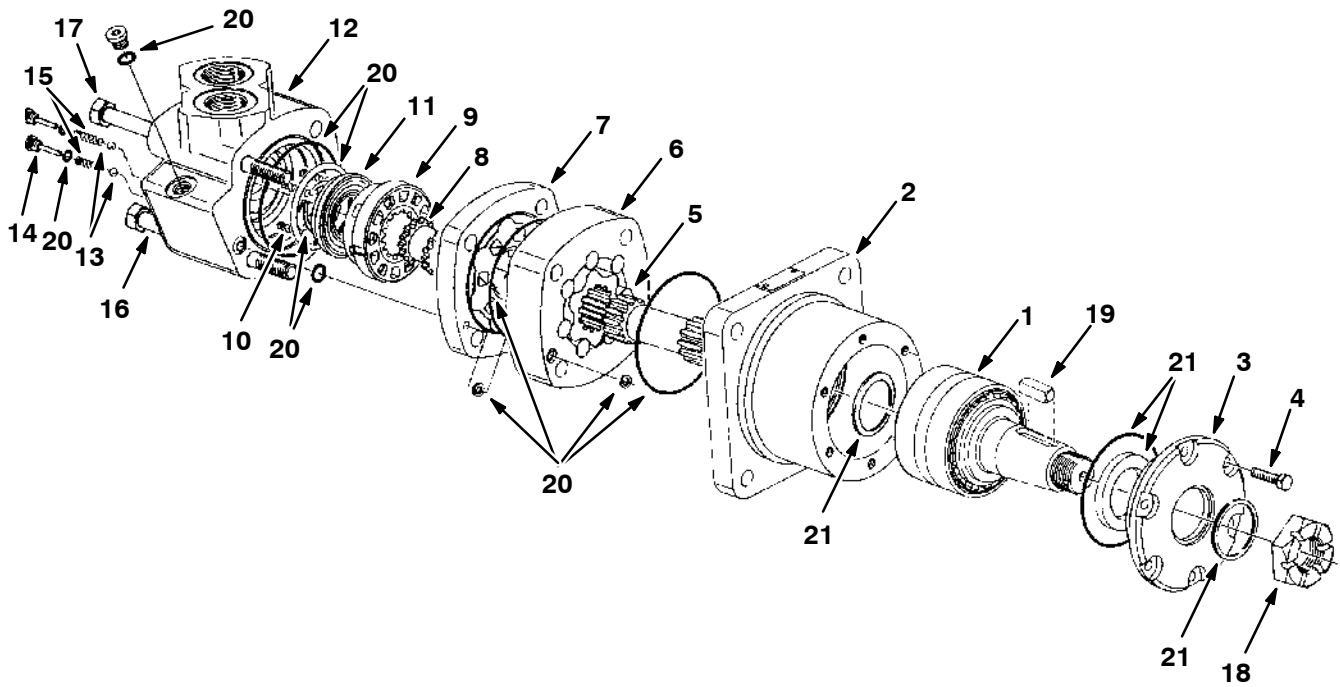


Fig. 13 - Hydraulic Motor Breakdown, 63426

	Ref.	Part No.	Serial Number	Description	Qty.
▽		63426	(000000-	) Motor, Propelling	1
▲	1	34180	(000000-	) Shaft and Brg	1
▲	2	74132	(000000-	) Housing, Brg	1
▲	3	74133	(000000-	) Retainer, Frt	1
▲	4	37943	(000000-	) Bolt	6
▲	5	34181	(000000-	) Drive	1
▲	6	34182	(000000-	) Gerotor Set	1
▲	7	34184	(000000-	) Valve Plate	1
▲	8	34183	(000000-	) Drive, Valve	1
▲	9	34185	(000000-	) Valve	1
▲	10	34178	(000000-	) Spring	3
▲	11	37723	(000000-	) Plate	1
▲	12	74134	(000000-	) Housing Assy	1
▲	13	37766	(000000-	) Ball	2
▲	14	74137	(000000-	) Plug Assembly	2
▲	15	34179	(000000-	) Spring	2
▲	16	74135	(000000-	) Screw, Cap	2
▲	17	74136	(000000-	) Screw, Cap	2
▲	18	45622	(000000-	) Nut	1
▲	19	45623	(000000-	) Key	1
▲	20	40380	(000000-	) Seal Kit, Motor	1
▲	21	65227	(000000-	) Seal Kit, Shaft	1

Fig. 14 - Hydraulic Motor Breakdown, 22626

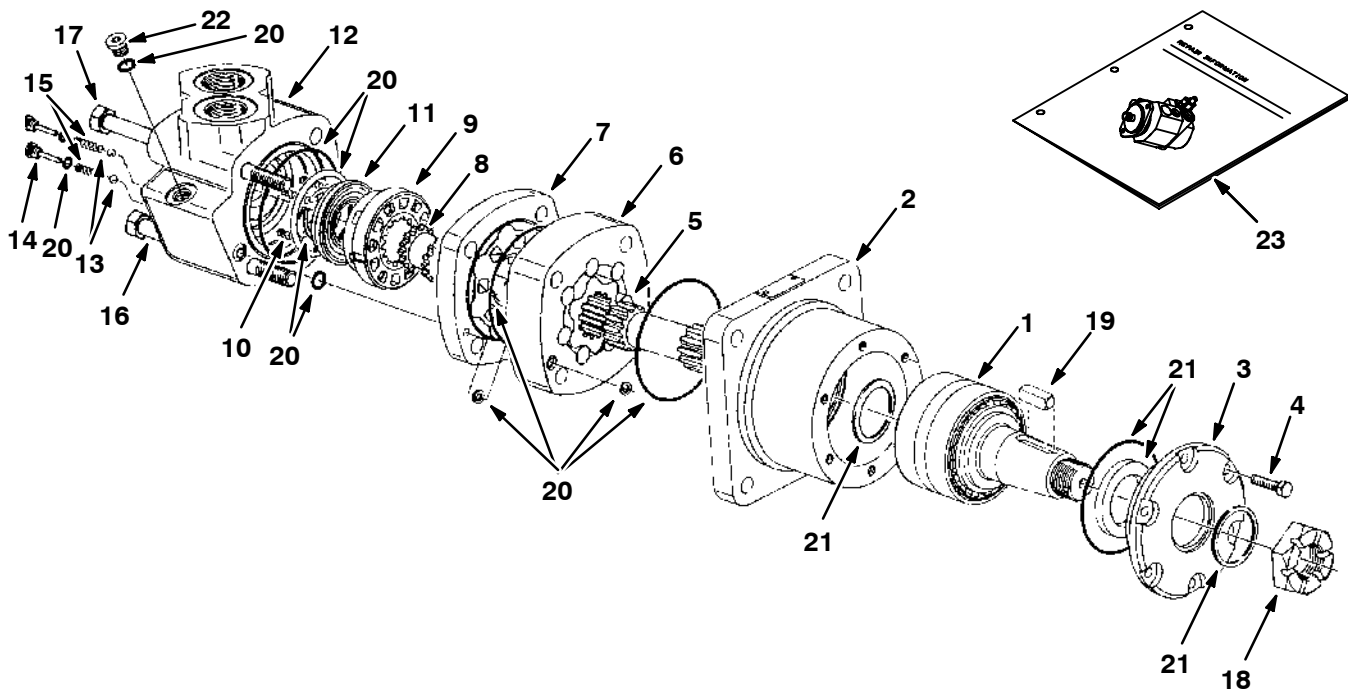


Fig. 14 - Hydraulic Motor Breakdown, 22626

	Ref.	Part No.	Serial Number	Description	Qty.
▽		22626	(000000-	) Motor, Propelling	1
▲	1	22629	(000000-	) Shaft and Brg	1
▲	2	22630	(000000-	) Housing, Brg	1
▲	3	22636	(000000-	) Retainer, Frt	1
▲	4	37943	(000000-	) Bolt	6
▲	5	34181	(000000-	) Drive	1
▲	6	74214	(000000-	) Gerotor Set	1
▲	7	34184	(000000-	) Valve Plate	1
▲	8	34183	(000000-	) Drive, Valve	1
▲	9	34185	(000000-	) Valve	1
▲	10	34178	(000000-	) Spring	3
▲	11	37723	(000000-	) Plate	1
▲	12	74134	(000000-	) Housing Assy	1
▲	13	37766	(000000-	) Ball	2
▲	14	74137	(000000-	) Plug Assembly	2
▲	15	34179	(000000-	) Spring	2
▲	16	74135	(000000-	) Screw, Cap	2
▲	17	74136	(000000-	) Screw, Cap	2
▲	18	45622	(000000-	) Nut	1
▲	19	45623	(000000-	) Key	1
▲	20	22646	(000000-	) Seal Kit, Motor	1
▲	21	22645	(000000-	) Seal Kit, Shaft	1
▲		74220	(000000-	) Seal Kit, Rear	1
▲	22	74098	(000000-	) Plug, O-Ring	1
	23	74246	(000000-	) Repair Info, Motor	1

Fig. 15 - Hydraulic Motor Breakdown, 373464

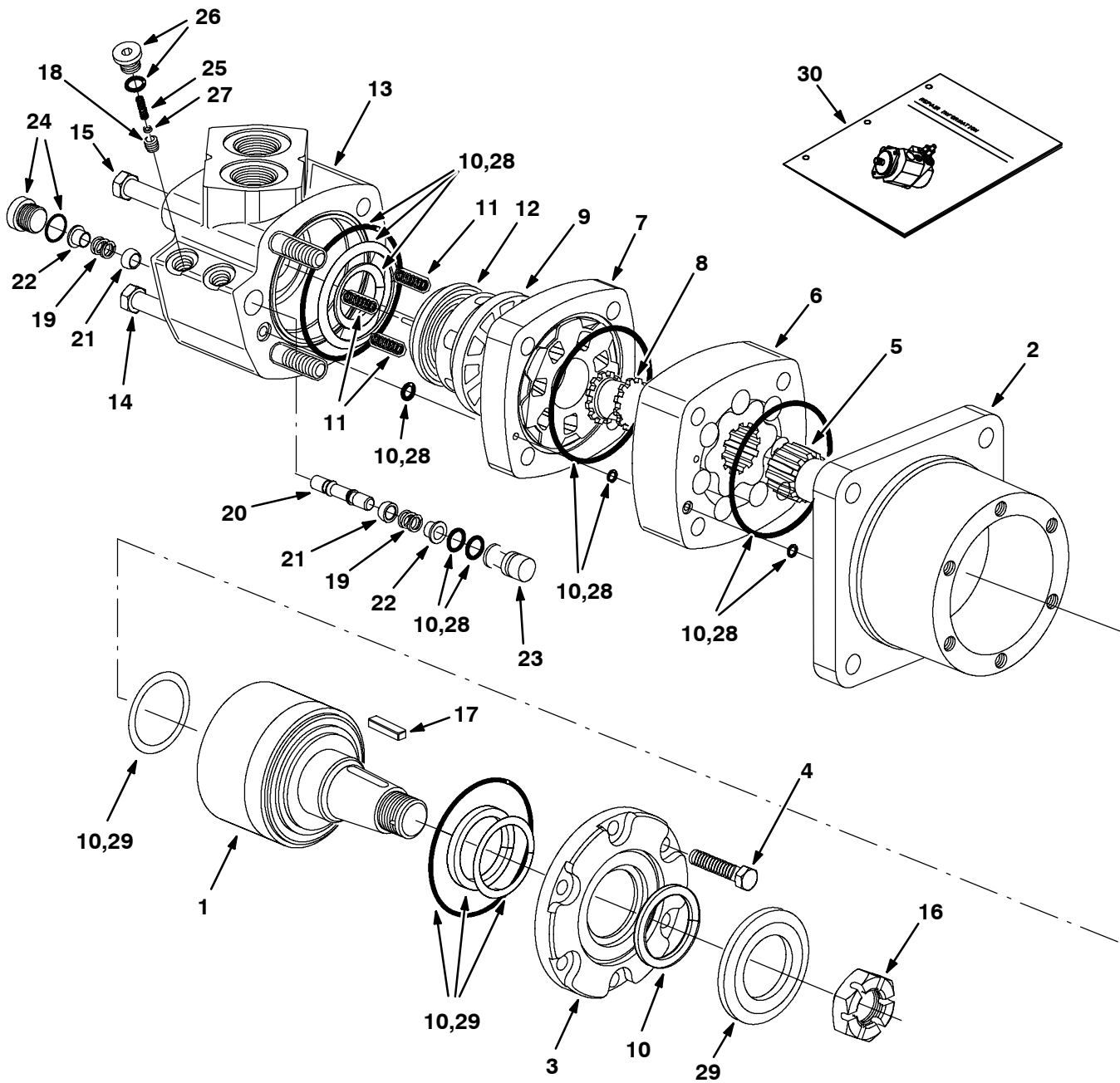
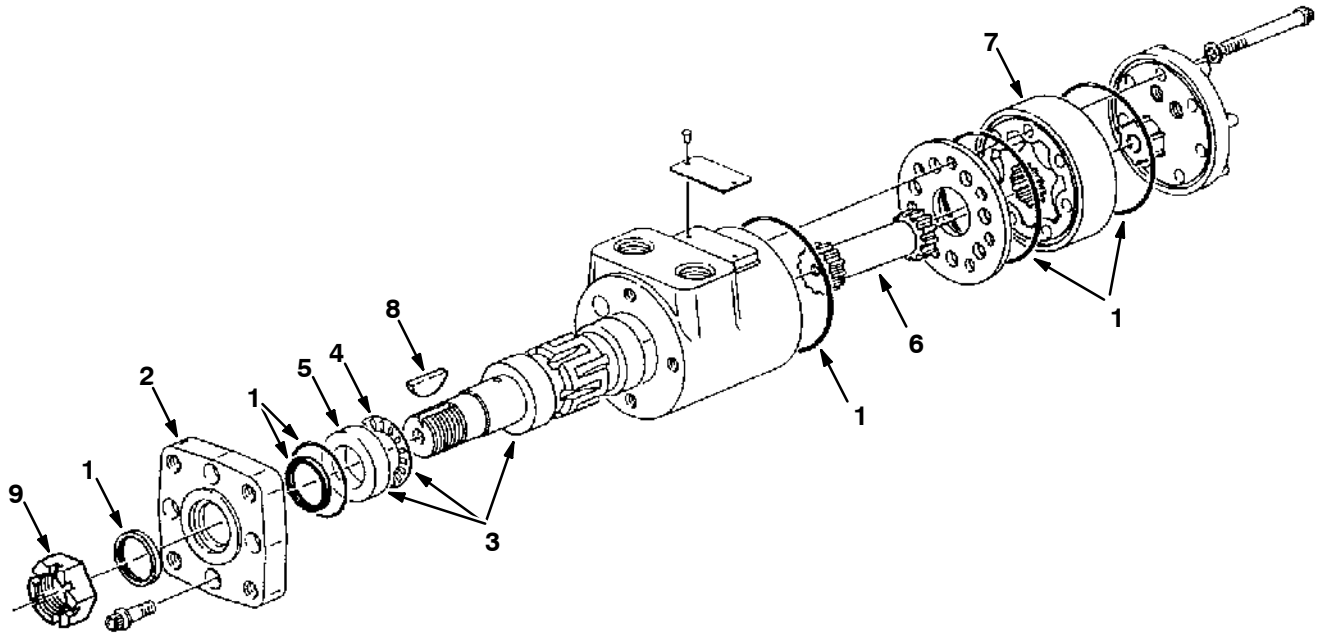


Fig. 15 - Hydraulic Motor Breakdown, 373464

	Ref.	Part No.	Serial Number	Description	Qty.
▽		373464	(000000-	) Motor, Hyd, Gear, [In] 29.9 B 3000	1
▲	1	22629	(000000-	) Shaft, Motor, Hyd	1
▲	2	22630	(000000-	) Housing, Bearing, Motor, Hyd	1
▲	3	22636	(000000-	) Retainer, Front, Motor, Hyd	1
▲	4	37943	(000000-	) Bolt, Motor, Hyd	6
▲	5	34181	(000000-	) Drive, Motor, Hyd	1
▲	6	74214	(000000-	) Geroler Set, Motor, Hyd	1
▲	7	34184	(000000-	) Plate, Valve, Motor, Hyd	1
▲	8	34183	(000000-	) Valve, Drive, Motor, Hyd	1
▲	9	373541	(000000-	) Valve	1
▲	10	22646	(000000-	) Kit, Seal, Motor, Hyd	1
▲	11	34178	(000000-	) Spring, Motor, Hyd	3
▲	12	37723	(000000-	) Plate, Motor, Hyd	1
▲	13	373549	(000000-	) Housing, Valve	1
▲	14	74135	(000000-	) Screw, Cap, Motor, Hyd	2
▲	15	74136	(000000-	) Screw, Cap, Motor, Hyd	2
▲	16	45622	(000000-	) Nut, Motor, Hyd	1
▲	17	45623	(000000-	) Key, Motor, Hyd	1
▲	18	373542	(000000-	) Poppet	1
▲	19	373291	(000000-	) Spring	2
▲	20	373543	(000000-	) Piston	1
▲	21	373226	(000000-	) Poppet, Pump, Hyd, Gear	2
▲	22	373236	(000000-	) Sleeve, Dashpo, Pump, Hyd, Gear	2
▲	23	373544	(000000-	) Plug	1
▲	24	373545	(000000-	) Plug Assy	1
▲	25	373546	(000000-	) Spring	1
▲	26	373547	(000000-	) Plug Assy	1
▲	27	373548	(000000-	) Shim	1
▲	28	74220	(000000-	) Kit, Seal, Hyd, Motor	1
▲	29	22645	(000000-	) Kit, Seal, Motor, Hyd	1
	30	74246	(000000-	) Repair Info,Mtr Cl	1

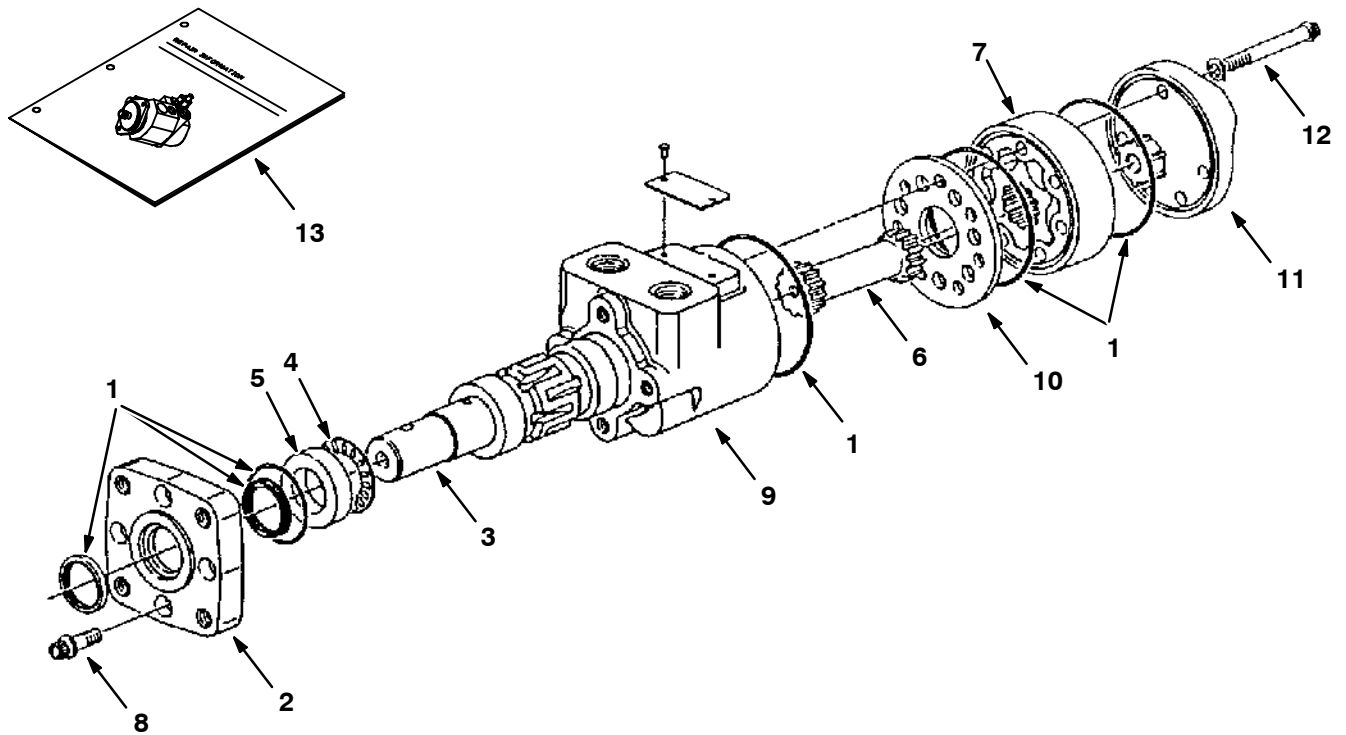
Fig. 16 - Hydraulic Motor Breakdown, 53434



05348 - ALL

Ref.	Part No.	Serial Number	Description	Qty.
▽	53434	(000000-	) Motor, Hydraulic	1
▲	1 61490	(000000-	) Seal Kit	1
▲	2 31354	(000000-	) Flange, Mounting	1
▲▽	3 58278	(000000-	) Output Shaft Assembly	1
▲▲	4 45628	(000000-	) Bearing	1
▲▲	5 16695	(000000-	) Race, Thrust	1
▲	6 34176	(000000-	) Drive	1
▲	7 58270	(000000-	) Gerotor Set	1
▲	8 00500-15	(000000-	) Key, Woodruff	1
▲	9 39527	(000000-	) Nut, Slotted Hex	1

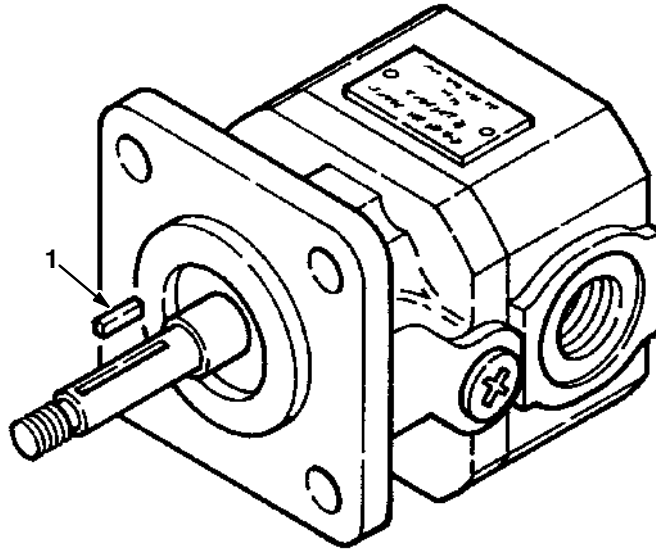
Fig. 17 - Hydraulic Motor Breakdown, 79781



07716,09670 - ALL

Ref.	Part No.	Serial Number	Description	Qty.
▽	79781	(000000-	) Motor, Hydraulic	1
▲	1 61490	(000000-	) Seal Kit	1
▲	2 79782	(000000-	) Flange, Mounting	1
▲	3 16694	(000000-	) Shaft	1
▲	4 45628	(000000-	) Bearing Thrust	1
▲	5 16695	(000000-	) Race, Thrust	1
▲	6 31380	(000000-	) Drive	1
▲	7 31385	(000000-	) Gerotor Set	1
▲	8 37555	(000000-	) Screw	4
▲	9 74100	(000000-	) Housing	1
▲	10 74094	(000000-	) Spacer Plate	1
▲	11 74101	(000000-	) End Cap	1
▲	12 65232	(000000-	) Cap Screw	5
▲	13 74250	(000000-	) Repair Info, Motor	1

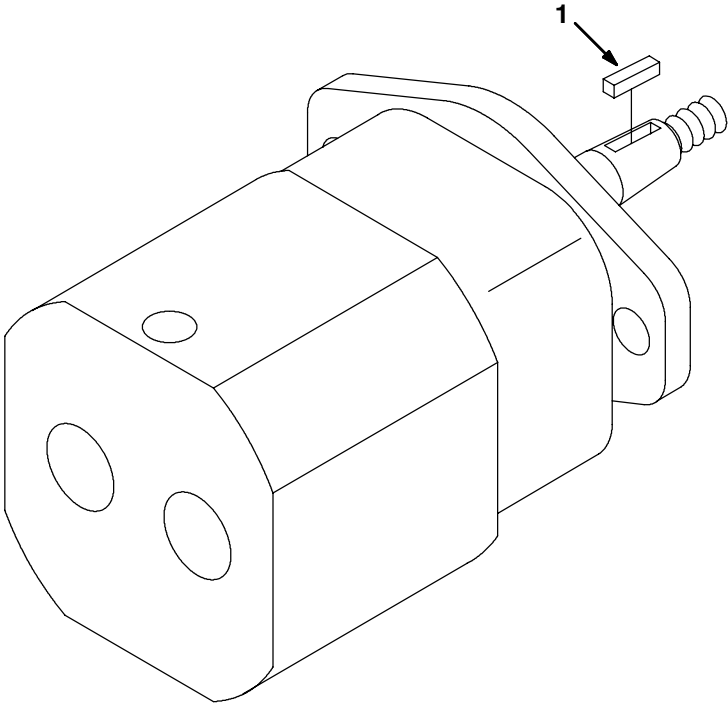
Fig. 18 - Hydraulic Motor Breakdown, 19117



05190 - ALL

	Ref.	Part No.	Serial Number	Description	Qty.
▽		19117	(000000-	) Motor, Hydraulic	1
▲	1	00954	(000000-	) Key	1
▲		74233	(000000-	) Seal Kit	1

Fig. 19 - Hydraulic Motor Breakdown, 63542



10556 - ALL

	Ref.	Part No.	Serial Number	Description	Qty.
▽		63542	(000000-	) Motor, Hydraulic	1
▲	1	00960	(000000-	) Key, Square 0.12 0.12 00.50 LG	1
▲		74233	(000000-	) Seal Kit, Hyd Mtr Gear	1

Fig. 20 - Hydraulic Steering Valve Breakdown, 65242

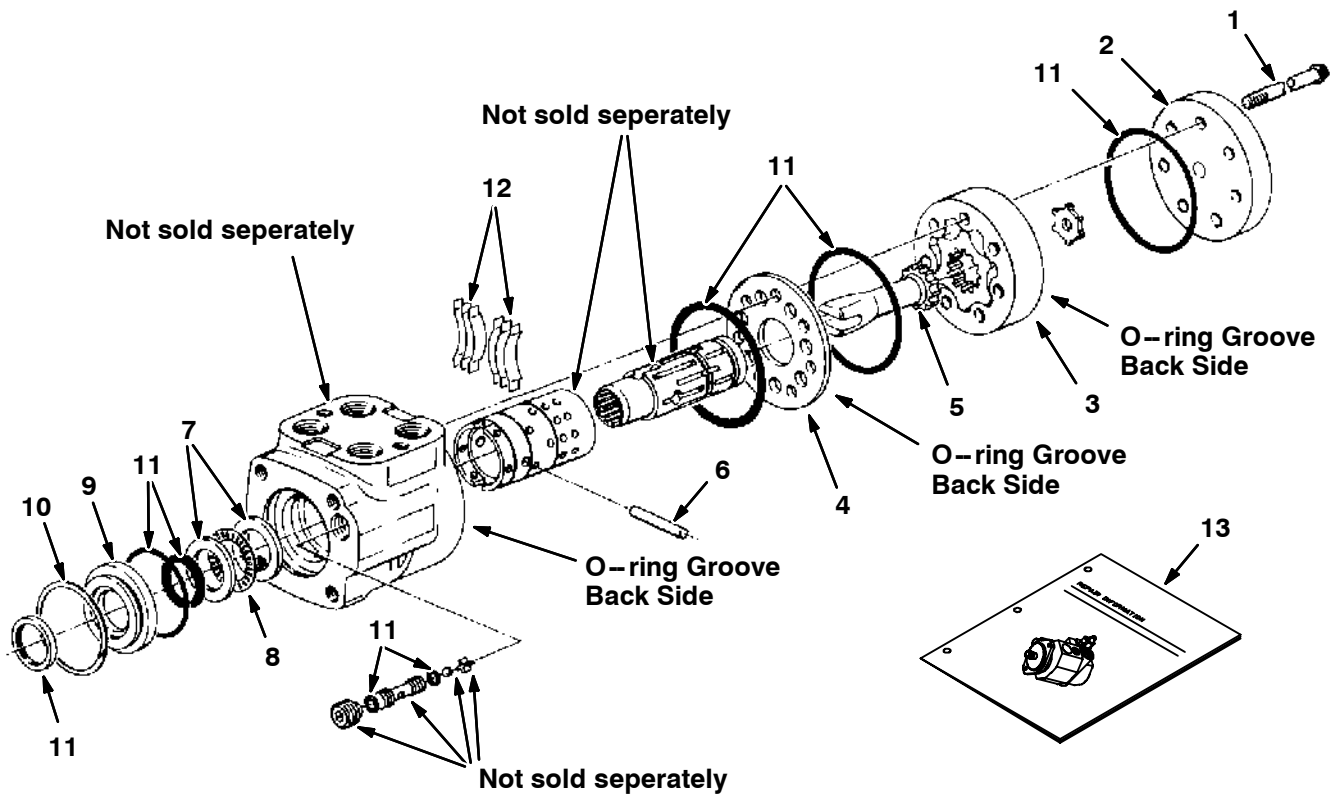
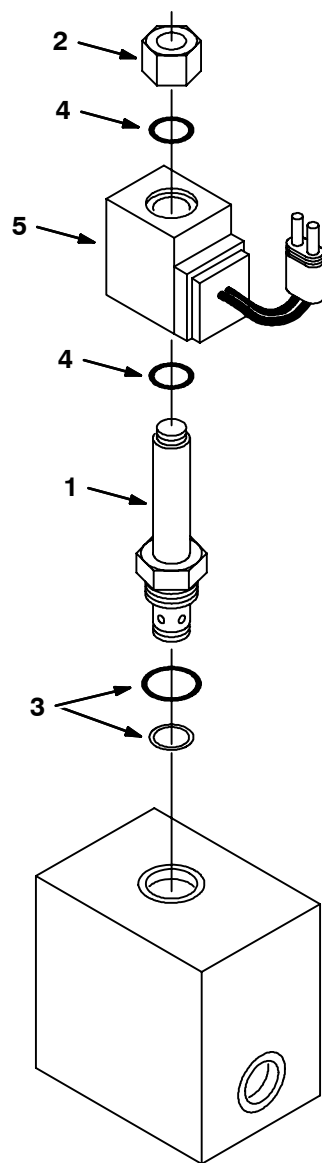


Fig. 20 - Hydraulic Steering Valve Breakdown, 65242

	Ref.	Part No.	Serial Number	Description	Qty.
▽		65242	(000000-	) Steer Control Hyd#4 04.5 1300	1
▲	1	74174	(000000-	) Cap, Screw	6
▲	2	74194	(000000-	) Cap, End	1
▲	3	65235	(000000-	) Gerotor Set Cl	1
▲	4	74182	(000000-	) Plate, Wear	1
▲	5	58596	(000000-	) Drive	1
▲	6	74218	(000000-	) Pin	1
▲	7	74109	(000000-	) Race, Bearing	2
▲	8	74110	(000000-	) Bearing, Needle	1
▲	9	74112	(000000-	) Bushing, Seal	1
▲	10	74111	(000000-	) Ring, Retainer	1
▲	11	74190	(000000-	) Seal Kit, Scu	1
▲	12	74195	(000000-	) Spring Kit	1
	13	74251	(000000-	) Repair Info,Scu Cl	1

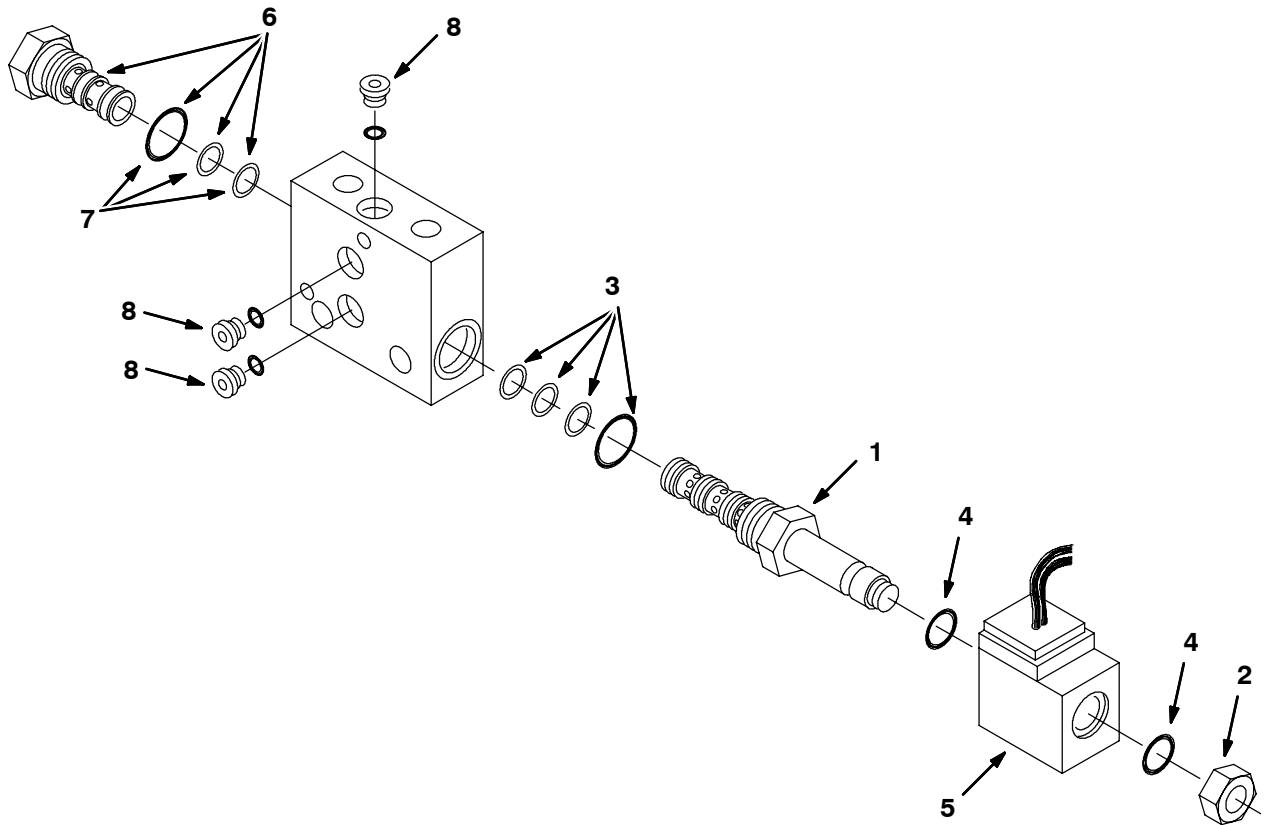
Fig. 21 - Hydraulic Solenoid Valve Breakdown, 84015



07639 - ALL

Ref.	Part No.	Serial Number	Description	Qty.
▽	84015	(000000-)	Valve - Hyd., Solenoid	1
▲▽	1 79739	(000000-)	Valve Stem, N.D.	1
▲▲	2 79731	(000000-)	Nut, Cart., LNG.	1
▲▲	3 79711	(000000-)	Seal Kit, Cart.	1
▲▲	4 79740	(000000-)	Seal Kit, Coil	1
▲	5 21917	(000000-)	Coil, 12V W/Var	1

Fig. 22 - Hydraulic Solenoid Valve Breakdown, 84016



10499 - ALL

Ref.	Part No.	Serial Number	Description	Qty.
▽	84016	(000000-	) Valve, Hyd Control Solenoid	1
▲▽	1 79719	(000000-	) Valve Stem 4W2P	1
▲▲	2 79728	(000000-	) Nut, Cart., Sht	1
▲▲	3 79711	(000000-	) Seal Kit, Cart	1
▲▲	4 79740	(000000-	) Seal Kit, Coil	1
▲	5 21917	(000000-	) Coil, 12V W/Var	1
▲▽	6 74145	(000000-	) Cart, Pilot Cntr	1
▲▲	7 79711	(000000-	) Seal Kit, Cart	1
▲	8 13902	(000000-	) Plug, #2 O-Ring	3

Fig. 23 - Hydraulic Valve Breakdown, 375563

CONTROL VALVE	
Spool #1	Hopper Lift
Spool #2	Hopper Dump
Spool #3	Hopper Door

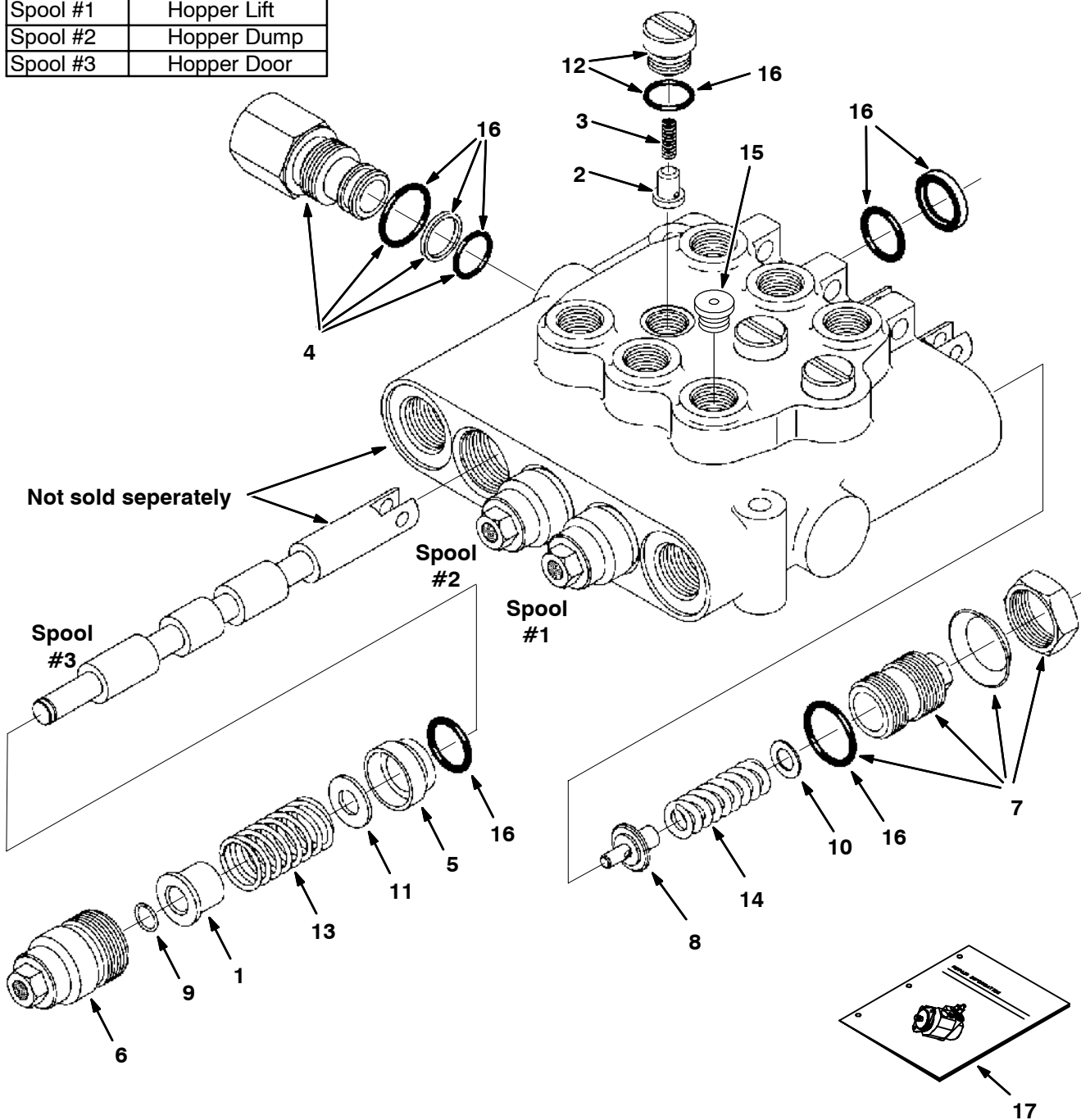


Fig. 23 - Hydraulic Valve Breakdown, 375563

	Ref.	Part No.	Serial Number	Description	Qty.
▽		375563	(000000-	) Valve, Hyd Control Man	1
▲	1	79822	(000000-	) Spacer En	3
▲	2	79786	(000000-	) Plunger En	3
▲	3	79787	(000000-	) Spring En	3
▲	4	79823	(000000-	) Plug Assy,Byd En	1
▲	5	79788	(000000-	) Bushing En	3
▲	6	79789	(000000-	) Cap Assembly En	3
▲	7	79790	(000000-	) Plug Assembly En	1
▲	8	79791	(000000-	) Poppet En	1
▲	9	79792	(000000-	) Retaining Rng En	3
▲	10	79793	(000000-	) Shim .035 Thk En	1
▲	10	79798	(000000-	) Shim .015 Thk En	1
▲	10	79799	(000000-	) Shim .010 Thk En	1
▲	11	79794	(000000-	) Washer En	3
▲	12	79795	(000000-	) Plug & O-Ring En	3
▲	13	79824	(000000-	) Spring En	3
▲	14	79797	(000000-	) Spring En	1
▲	15	13904	(000000-	) Plug Gage #6	1
▲	16	79812	(000000-	) Seal Kit, Vlv En	1
▲	17	79820	(000000-	) Instr. Valve Repair Info	1

Fig. 24 - Hydraulic Solenoid Valve Breakdown, 84014

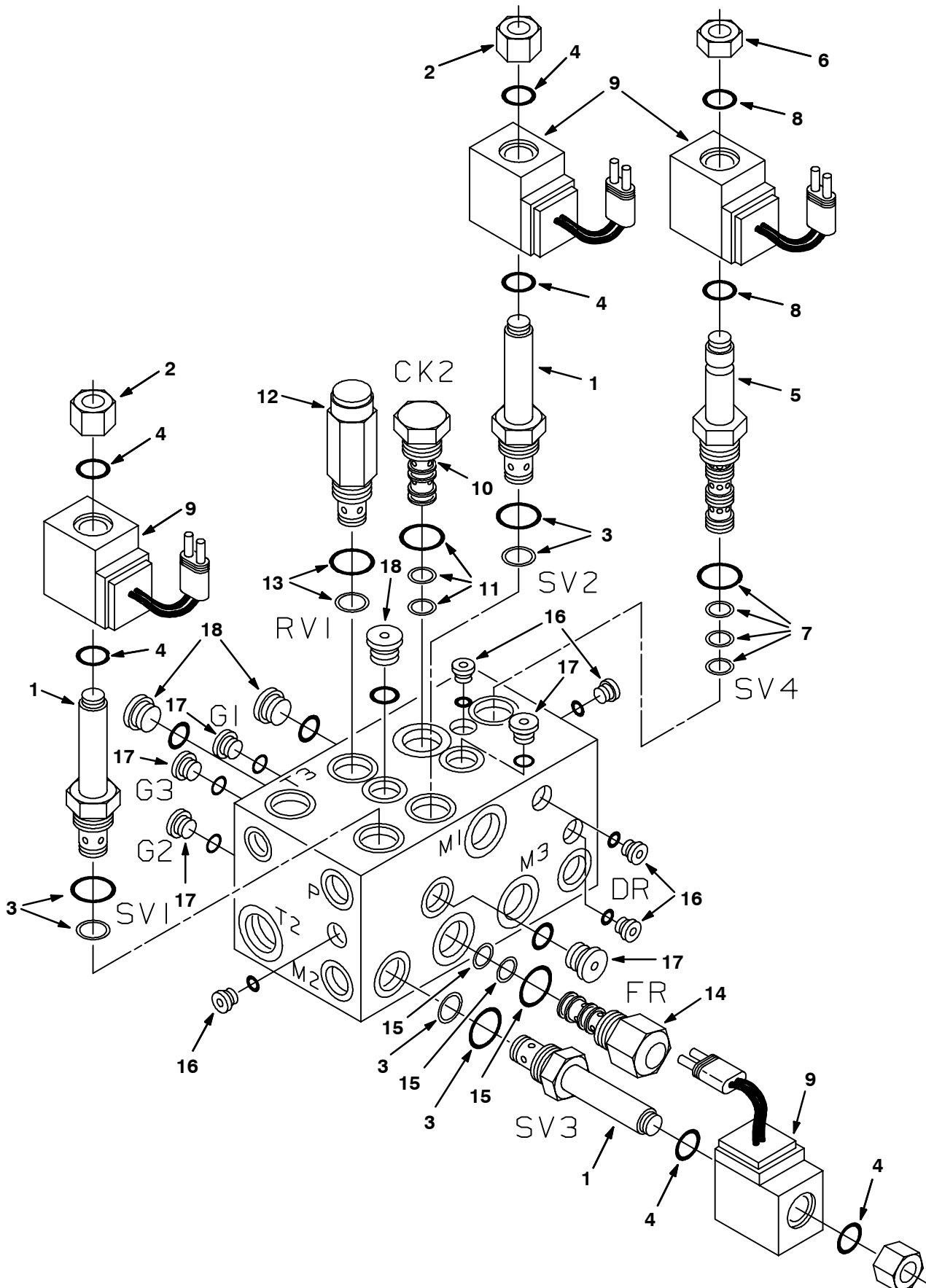
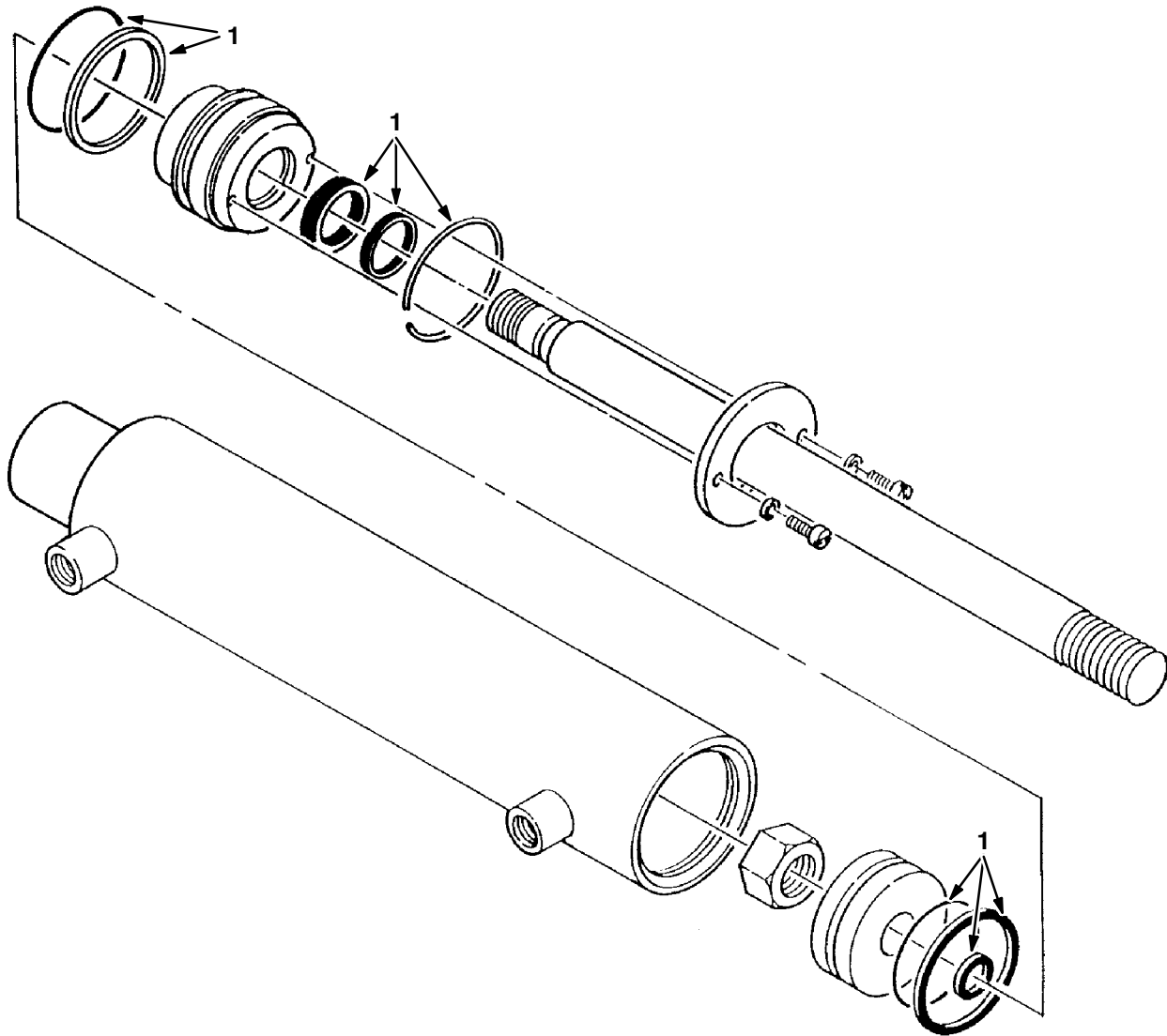


Fig. 24 - Hydraulic Solenoid Valve Breakdown, 84014

	Ref.	Part No.	Serial Number	Description	Qty.
▽		84014	(000000-	) Valve, Hyd Control Solenoid	1
▲▽	1	79739	(000000-	) Valve Stem N.O. CP	3
▲▲	2	79731	(000000-	) Nut, Cart., LNG CP	1
▲▲	3	79711	(000000-	) Seal Kit, Cart CP	1
▲▲	4	79740	(000000-	) Seal Kit, Coil CP	1
▲▽	5	79719	(000000-	) Valve Stem 4W2P CP	1
▲▲	6	79728	(000000-	) Nut, Cart., SHT CP	1
▲▲	7	79711	(000000-	) Seal Kit, Cart CP	1
▲▲	8	79740	(000000-	) Seal Kit, Coil CP	1
▲	9	21917	(000000-	) Coil 12V w/Var CP	4
▲▽	10	74146	(000000-	) Cart, Check Valve CP	1
▲▲	11	79711	(000000-	) Seal Kit, Cart CP	1
▲▽	12	65240	(000000-	) Cart, PSI CN CP	1
▲▲	13	79711	(000000-	) Seal Kit, Cart CP	1
▲▽	14	74268	(000000-	) Cart Flow Control CP	1
▲▲	15	79711	(000000-	) Seal Kit, Cart CP	1
▲	16	13902	(000000-	) Plug #2	6
▲	17	74098	(000000-	) Plug Gage #4	5
▲	18	13904	(000000-	) Plug Gage #6	3

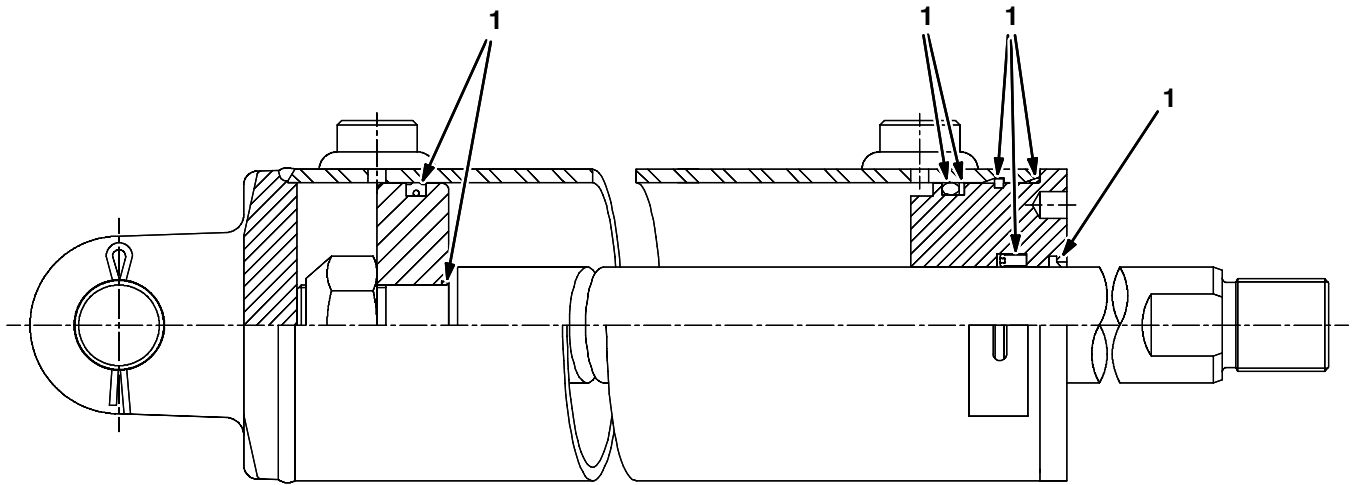
Fig. 25 - Hydraulic Cylinder Breakdown, 53601



07494 - ALL

Ref.	Part No.	Serial Number	Description	Qty.
▽	53601	(000000-)	Cylinder, Hyd, 2.0b,15.0l, Rep.By1028492	1
▲	1 04483	(000000-)	Seal Kit	1

Fig. 26 - Hydraulic Cylinder Breakdown, 1026719



354486 - ALL

Ref.	Part No.	Serial Number	Description	Qty.
▽	1026719	(000000-	) Cylinder, Hyd, 4.0b 29.1l 14.50strk 2500	1
▲	1 9001702	(000000-	) Seal Kit, Cyl, Hyd	1

Fig. 27 - Cab Assembly

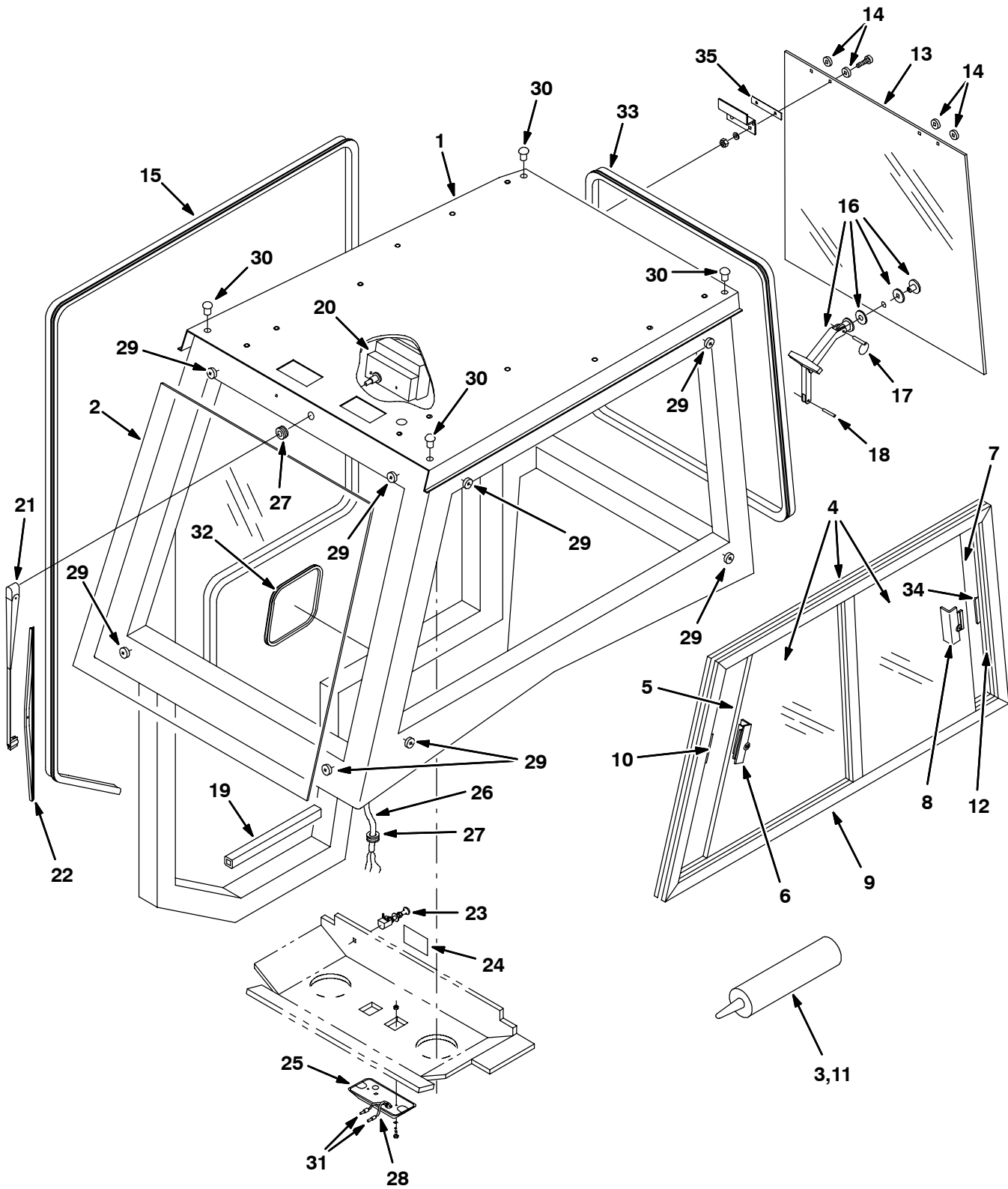


Fig. 27 - Cab Assembly

NOTE: The Cab Assembly, TENNANT Part Number 380602 includes Fig. 27, Fig. 28, Fig. 29, and .Fig. 30

	Ref.	Part No.	Serial Number	Description	Qty.
	1	380732	(000000-	) Cab Assy, W/Label (Gas)	1
	1	374758	(000000-	) Cab Assy, W/Label (LPG)	1
▽	2	75822	(000000-	) Pane, Glass, Windshield	1
▲	3	374769	(000000-	) Adhesive	1
▽	4	75823	(000000-	) Pane Assy, Glass, Sliding, Cab Lh	1
▲▽	5	21307	(000000-	) Pane, Glass, Cab, Front	1
▲▲	6	374750	(000000-	) Latch, Pane, Cab	1
▲▽	7	21308	(000000-	) Pane, Glass, Cab, Rear	1
▲▲	8	374750	(000000-	) Latch, Pane, Cab	1
▲▽	9	21309	(000000-	) Frame, Pane, Cab, Side	1
▲▲	10	374765	(000000-	) Keeper, Latch, Pane	1
▲	11	374769	(000000-	) Adhesive	1
	12	21310	(000000-	) Seal Kit, Pane, Cab	1
	13	75824	(000000-	) Pane, Glass, Cab, Rear	1
	14	75825	(000000-	) Spacer, Pane, Glass	5
	15	76948	(000000-	) Seal, Bulb, 90, 0.65d, 180.0l	2
	16	76950	(000000-	) Latch, Rear Wind	1
	17	76971	(000000-	) Ring, Rear Window	1
	18	380708	(000000-	) Drive Pin, .31	1
	19	76973	(000000-	) Seal Cw	1
	20	76977	(000000-	) Motor, Wiper 12V	1
	21	76980	(000000-	) Arm, Rear Wiper	1
	22	76982	(000000-	) Blade Arm, Rear	1
	23	76985	(000000-	) Switch, Wiper Motor	1
	24	380694	(000000-	) Label, Wiper	1
▽	25	76996	(000000-	) Light, Dome 12V	1
▲		374759	(000000-	) Lamp	1
	26	380577	(000000-	) Harness, Cab (See Fig. 30)	1
	27	77811	(000000-	) Grommet	2
	28	77812	(000000-	) Wire, Dome Light	2
	29	77813	(000000-	) Spacer	8
	30	77814	(000000-	) Closure	4
	31	77815	(000000-	) Disconnect, Male	2
	32	380692	(000000-	) Molding, Trim (Gasoline only)	1
	33	380695	(000000-	) Seal, Rear Window	1
	34	374294	(000000-	) Latch, Keeper, Pane [J-dak]	1
	35	374357	(000000-	) Seal, Hinge, Cab Rear Glass [800]	2

Fig. 28 - Cab Door Assembly

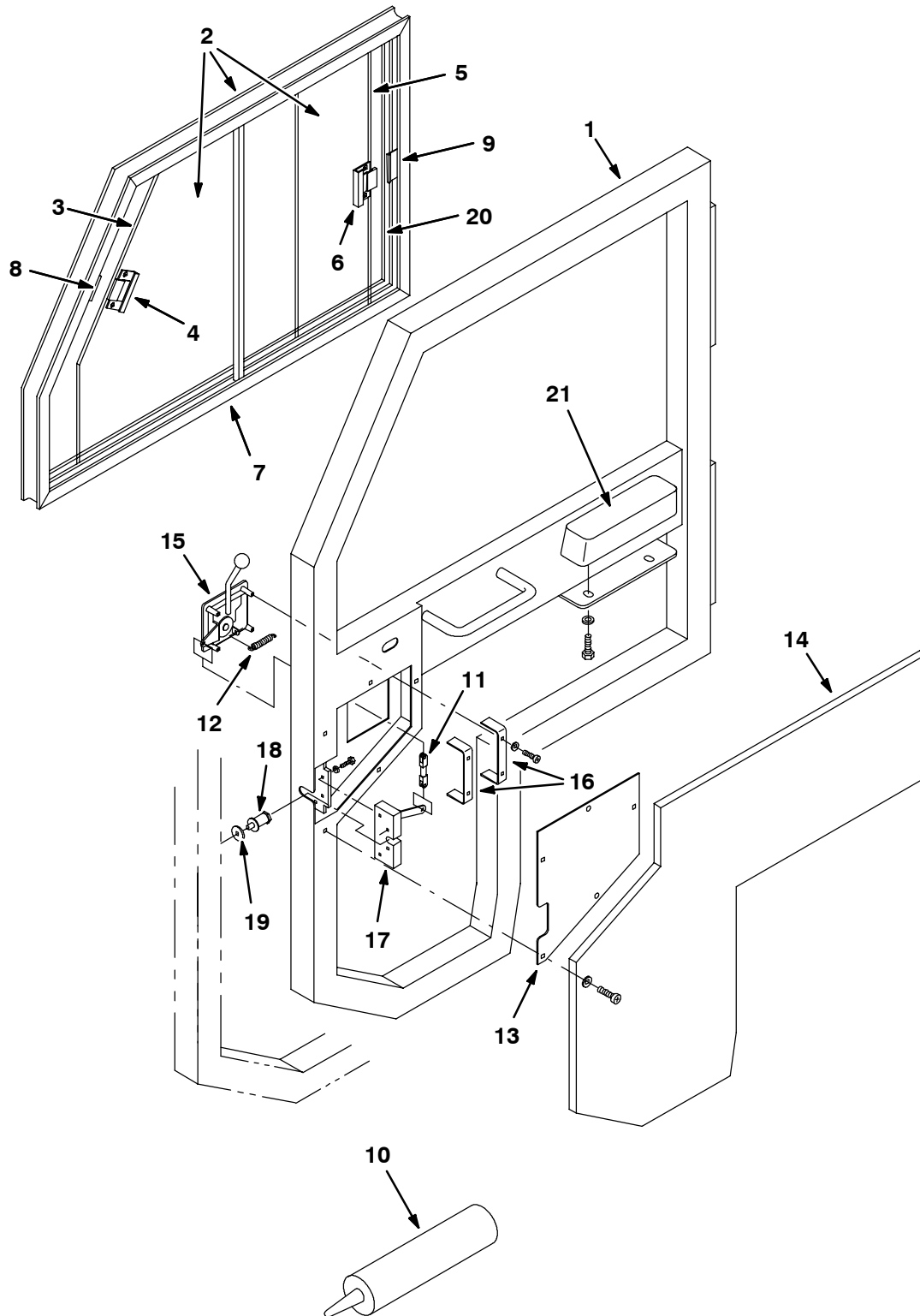


Fig. 28 - Cab Door Assembly

NOTE: The Cab Assembly, TENNANT Part Number 380602 includes Fig. 27, Fig. 28, Fig. 29, and .Fig. 30

	Ref.	Part No.	Serial Number	Description	Qty.
▽		75821	(000000-	) Door Assembly, Cab	1
▲	1	77816	(000000-	) Door Cw	1
▲▽	2	77817	(000000-	) Pane Assy, Glass, Sliding, Cab, Door	1
▲▲	3	21311	(000000-	) Pane, Glass, Door Front	1
▲▲	4	374750	(000000-	) Latch, Pane, Cab	1
▲▲	5	21312	(000000-	) Pane, Glass, Door, Rear	1
▲▲	6	374750	(000000-	) Latch, Pane, Cab	1
▲▲	7	21313	(000000-	) Frame, Pane, Door, Side	1
▲▲	8	374765	(000000-	) Keeper, Latch, Pane	1
▲▲	9	374294	(000000-	) Latch, Keeper, Pane [J-dak]	1
▲▲	10	374769	(000000-	) Adhesive	1
▲	11	77821	(000000-	) Link, Connecting	1
▲	12	77822	(000000-	) Pin Assy, Spring	2
▲	13	77823	(000000-	) Plate	1
▲	14	77824	(000000-	) Foam, Door	1
▲▽	15	77818	(000000-	) Paddle Handle	1
▲▲		21150	(000000-	) Key Set	1
▲	16	77819	(000000-	) Bracket	2
▲	17	77820	(000000-	) Clam Latch	1
	18	58490	(000000-	) Pin, Latch	1
	19	76976	(000000-	) Shim	2
	20	374757	(000000-	) Seal Kit, Pane, Door	1
	21	311336	(000000-	) Armrest, Black	1

Fig. 29 - Cab Insulation Group

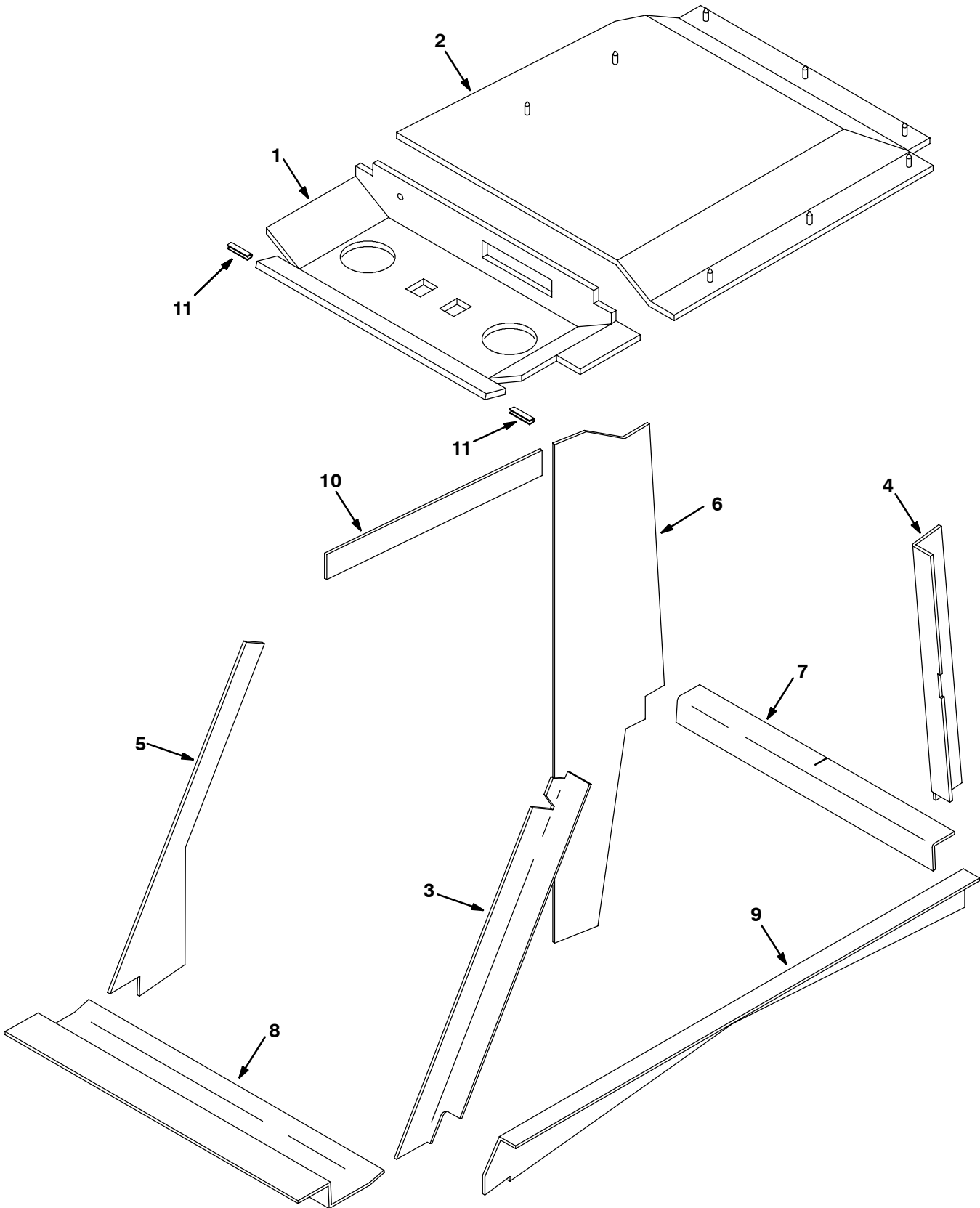
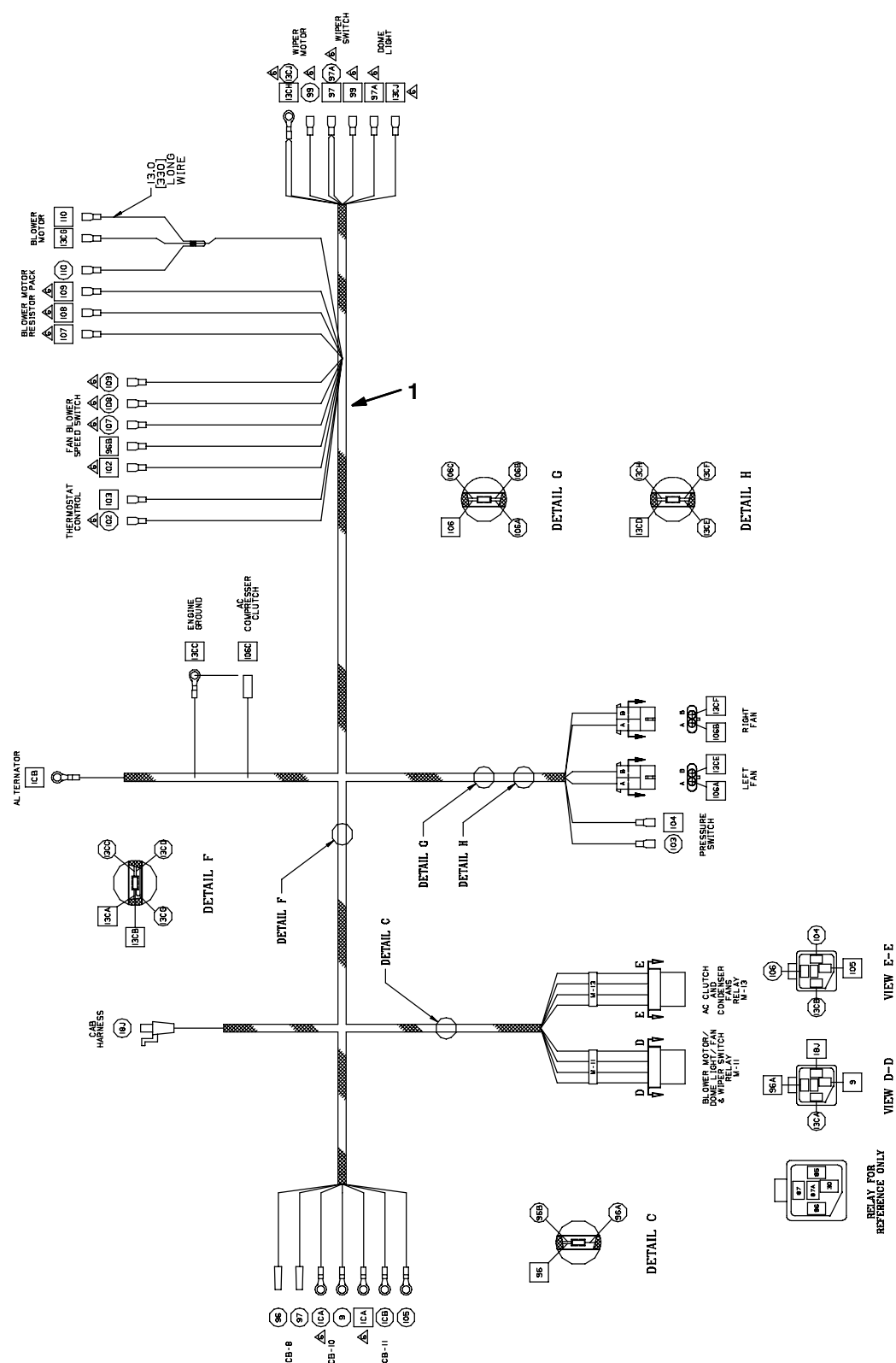


Fig. 29 - Cab Insulation Group

NOTE: The Cab Assembly, TENNANT Part Number 380602 includes Fig. 27, Fig. 28, Fig. 29, and .Fig. 30

Ref.	Part No.	Serial Number	Description	Qty.
1	77800	(000000-	) Headliner, Front	1
2	77801	(000000-	) Headliner, Rear Cw	1
3	77802	(000000-	) Foam, Lh Front Pos	1
4	77803	(000000-	) Foam, Lh Rear Pos	1
5	77804	(000000-	) Foam, Rh Front Pos	1
6	77805	(000000-	) Foam, Rh Rear Pos	1
7	77806	(000000-	) Foam, Rear Sill	1
8	77807	(000000-	) Foam, Front Sill	1
9	77808	(000000-	) Foam, Lh Side Sill	1
10	77809	(000000-	) Foam, Rh Upper Sill	1
11	384156	(000000-	) Molding, Trim, Pvc,.18-.31 01.5l	2

Fig. 30 - Cab Wire Harness Group

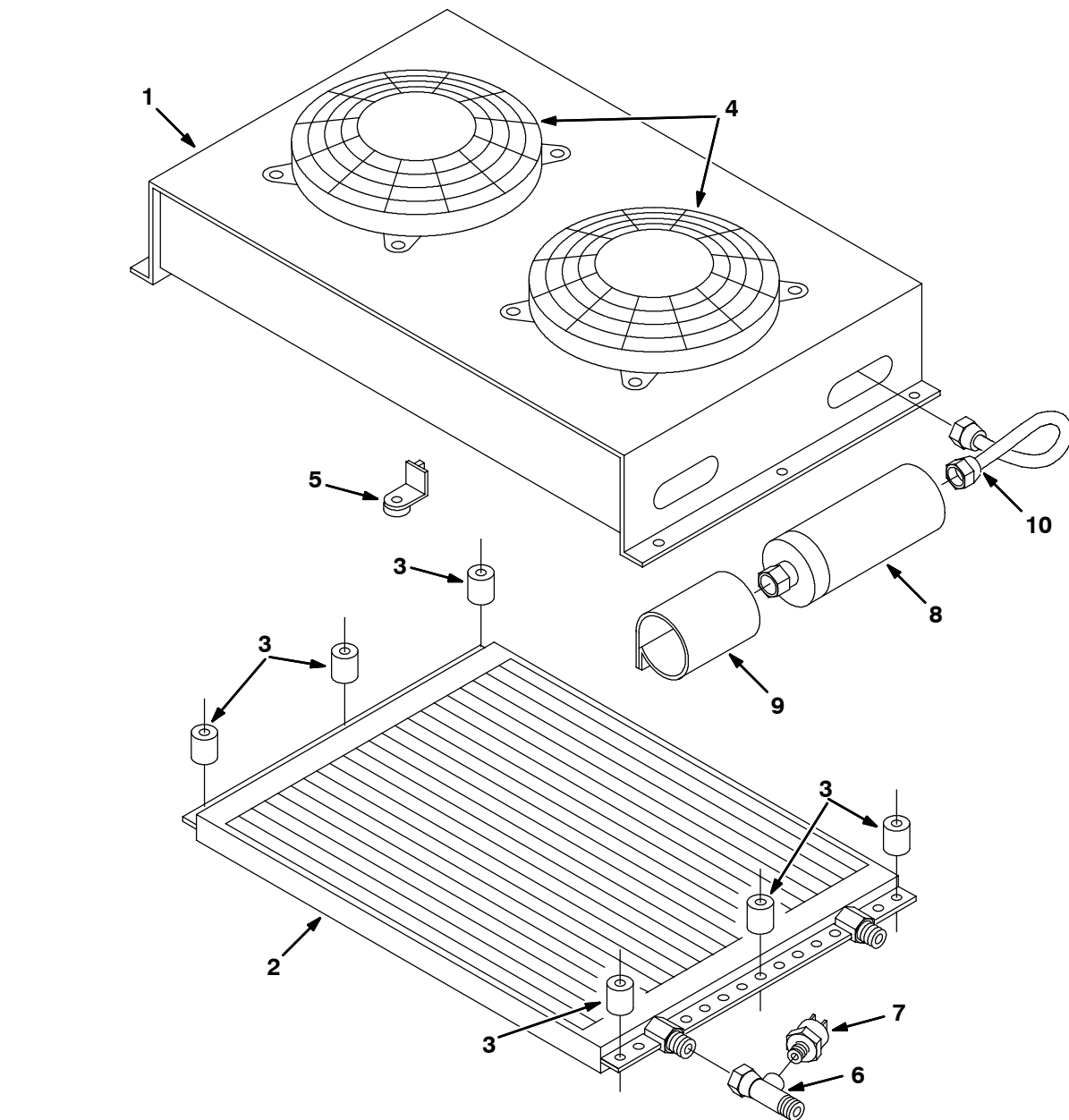


NOTE: The Cab Assembly, TENNANT Part Number 380602 includes Fig. 27, Fig. 28, Fig. 29, and Fig. 30

351143 - ALL

Ref.	Part No.	Serial Number	Description	Qty.
1	380577	(000000-	) Harness, Cab, 800/810	1

Fig. 31 - AC Condenser Box Breakdown, 380625



350830 - ALL

Ref.	Part No.	Serial Number	Description	Qty.
▽		380625	(000000-) Condenser Assy, A/C	1
▲	1	380666	(000000-) Housing, Condenser	1
▲	2	380667	(000000-) Coil, Condenser	1
▲	3	380668	(000000-) Spacer, Condenser	6
▲	4	380669	(000000-) Fan, Condenser	2
▲	5	380670	(000000-) Foot, Fan	8
▲	6	380671	(000000-) Ftg, Shrader	1
▲	7	380672	(000000-) Binary	1
▲	8	380627	(000000-) Dryer, Ac	1
▲	9	380628	(000000-) Bracket,A/C Dryer	1
▲	10	380626	(000000-) Tube Asy,Cond/Dry	1

Fig. 32 - AC and Heater Box Breakdown, 380613

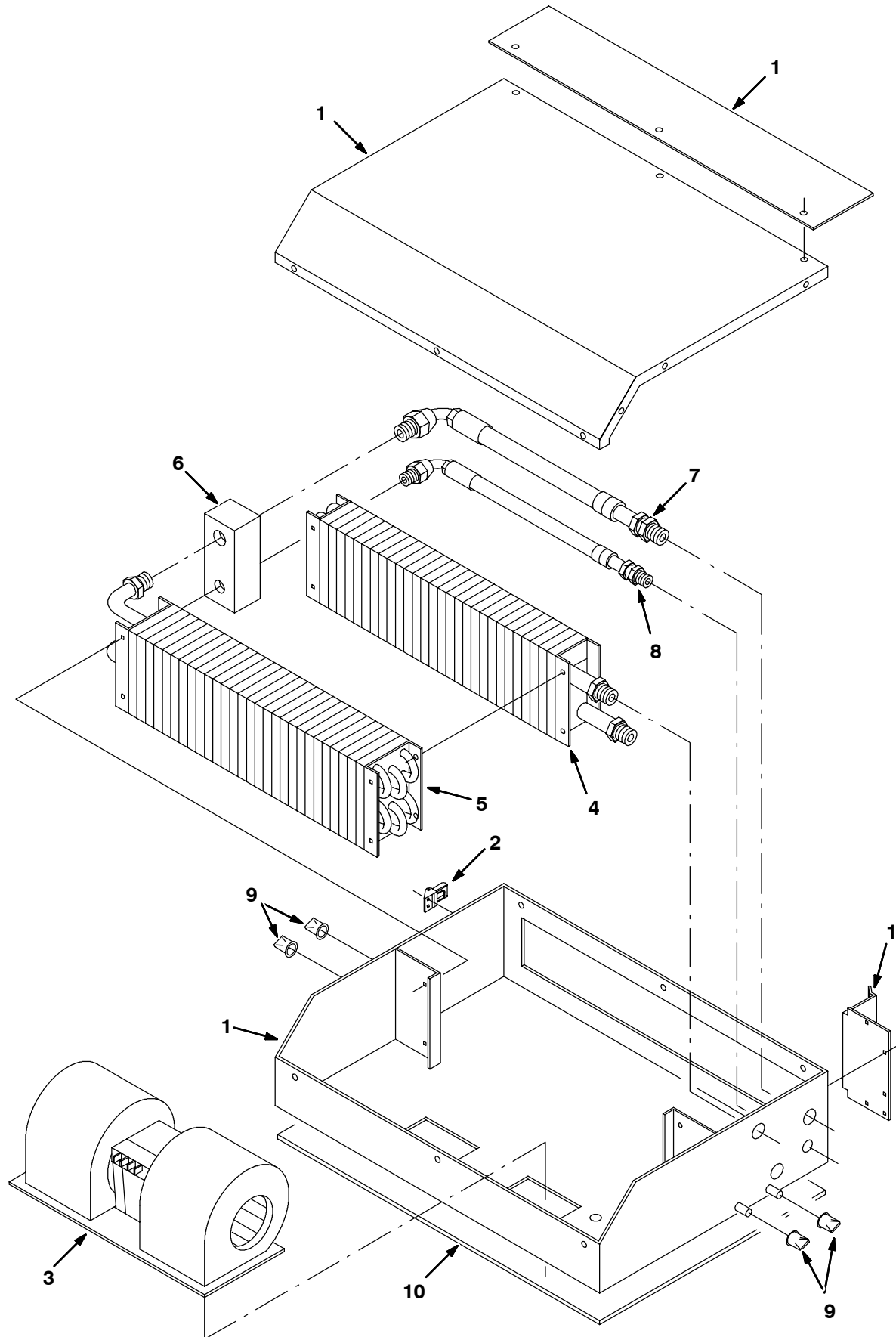


Fig. 32 - AC and Heater Box Breakdown, 380613

	Ref.	Part No.	Serial Number	Description	Qty.
▽		380613	(000000-	) Box Assy, Heat/Ac	1
▲	1	388407	(000000-	) Housing Assembly	1
▲	2	87579	(000000-	) Latch, Tension	1
▲	3	380649	(000000-	) Blower, Heat/Ac	1
▲	4	380650	(000000-	) Heater Coil	1
▲	5	380651	(000000-	) Coil, Evaporator	1
▲	6	380652	(000000-	) Valve, Expansion	1
▲	7	380578	(000000-	) A/C Hose#10 134A	1
▲	8	380579	(000000-	) A/C Hose #6 134A	1
▲	9	380659	(000000-	) Duck Bill	4
▲	10	380616	(000000-	) Gasket, Box/Cab	1

Fig. 33 - Heater Box Breakdown, 380614

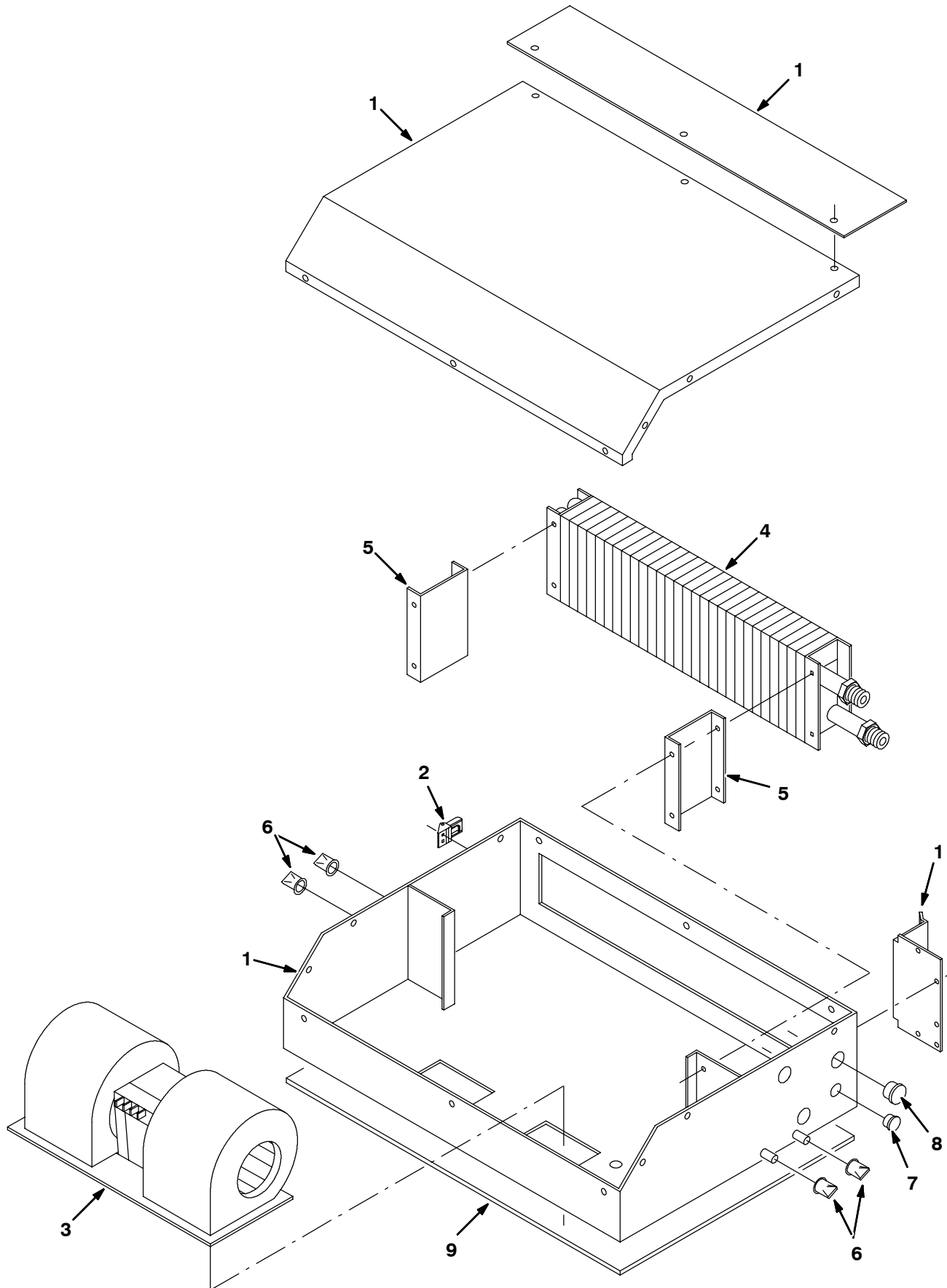


Fig. 33 - Heater Box Breakdown, 380614

	Ref.	Part No.	Serial Number	Description	Qty.
▽		380614	(000000-	) Box Assy, Heat	1
▲	1	388407	(000000-	) Housing Assembly	1
▲	2	87579	(000000-	) Latch, Tension	1
▲	3	380649	(000000-	) Blower, Heat/Ac	1
▲	4	380650	(000000-	) Heater Coil	1
▲	5	380660	(000000-	) Brkt,Mtg,Htr Coil	2
▲	6	380659	(000000-	) Duck Bill	4
▲	7	57167	(000000-	) Plugbtn .62H .03-.12 Blacknyl	1
▲	8	82727	(000000-	) Plugbtn .88H .03-.12 Blacknyl	1
▲	9	380616	(000000-	) Gasket, Box/Cab	1

Fig. 34 - Brake Assy, Right Hand (R.h.) 77790

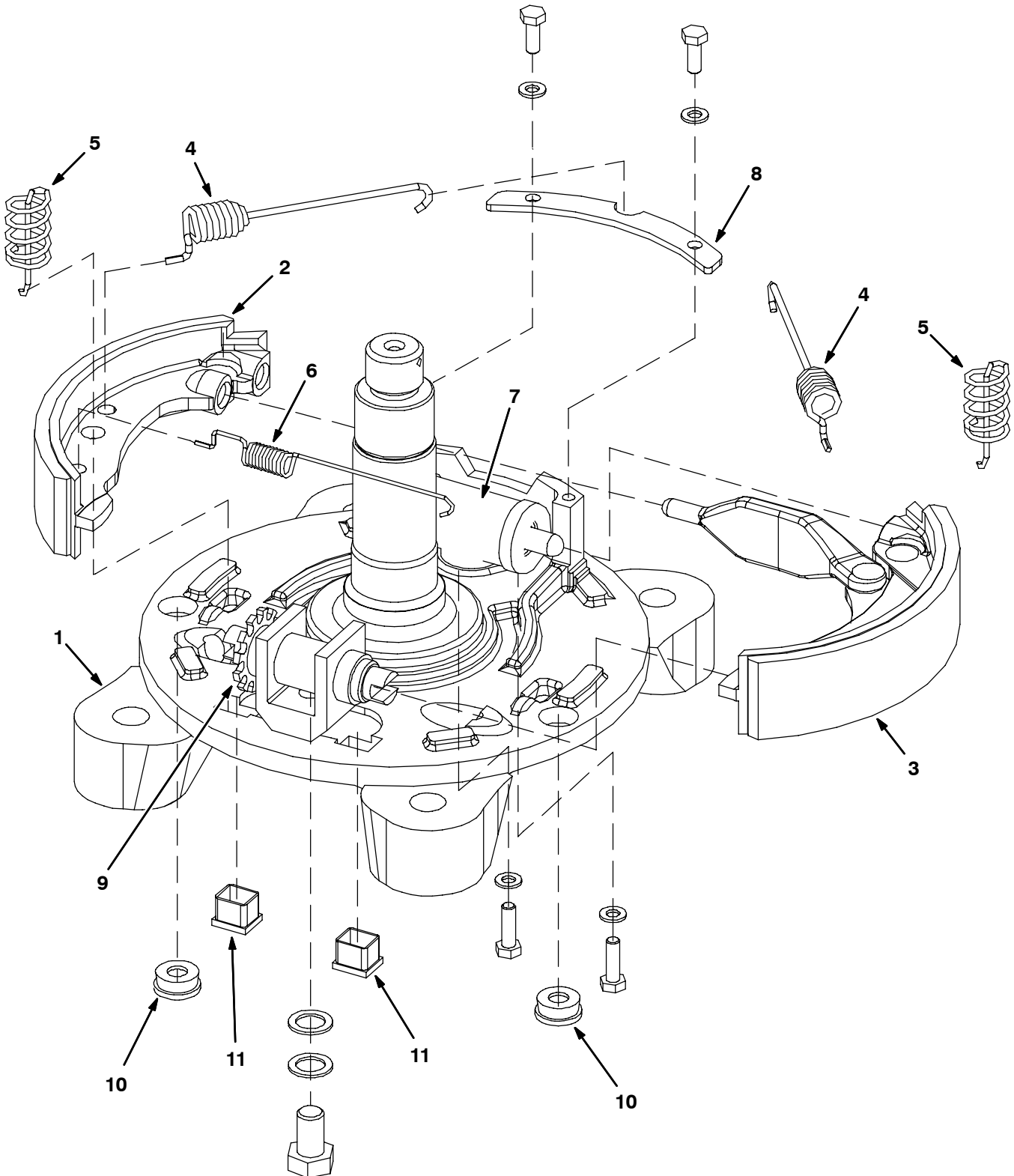


Fig. 34 - Brake Assy, Right Hand (R.h.) 77790

	Ref.	Part No.	Serial Number	Description	Qty.
▽		77790	(000000-	) Brake Assy, Drum, Hyd, 08.8d 1.6w Rh	1
▲	1	77768	(000000-	) Backing Plate Rh	1
▲	2	70613	(000000-	) Shoe, Brake	1
▲	3	70612	(000000-	) Shoe, Brake	1
▲	4	21728	(000000-	) Spring	2
▲	5	70617	(000000-	) Spring	2
▲	6	70618	(000000-	) Spring	1
▲	7	70609	(000000-	) Cylinder, Wheel, Brake	1
▲	8	70603	(000000-	) Clamp, Hold Down	1
▲	9	70615	(000000-	) Adjuster, Manual	1
▲	10	372950	(000000-	) Plug, Rbr, Rnd	2
▲	11	372951	(000000-	) Plug, Plstc, Sq	2

Fig. 35 - Brake Assy, Left Hand (L.h.) 77770

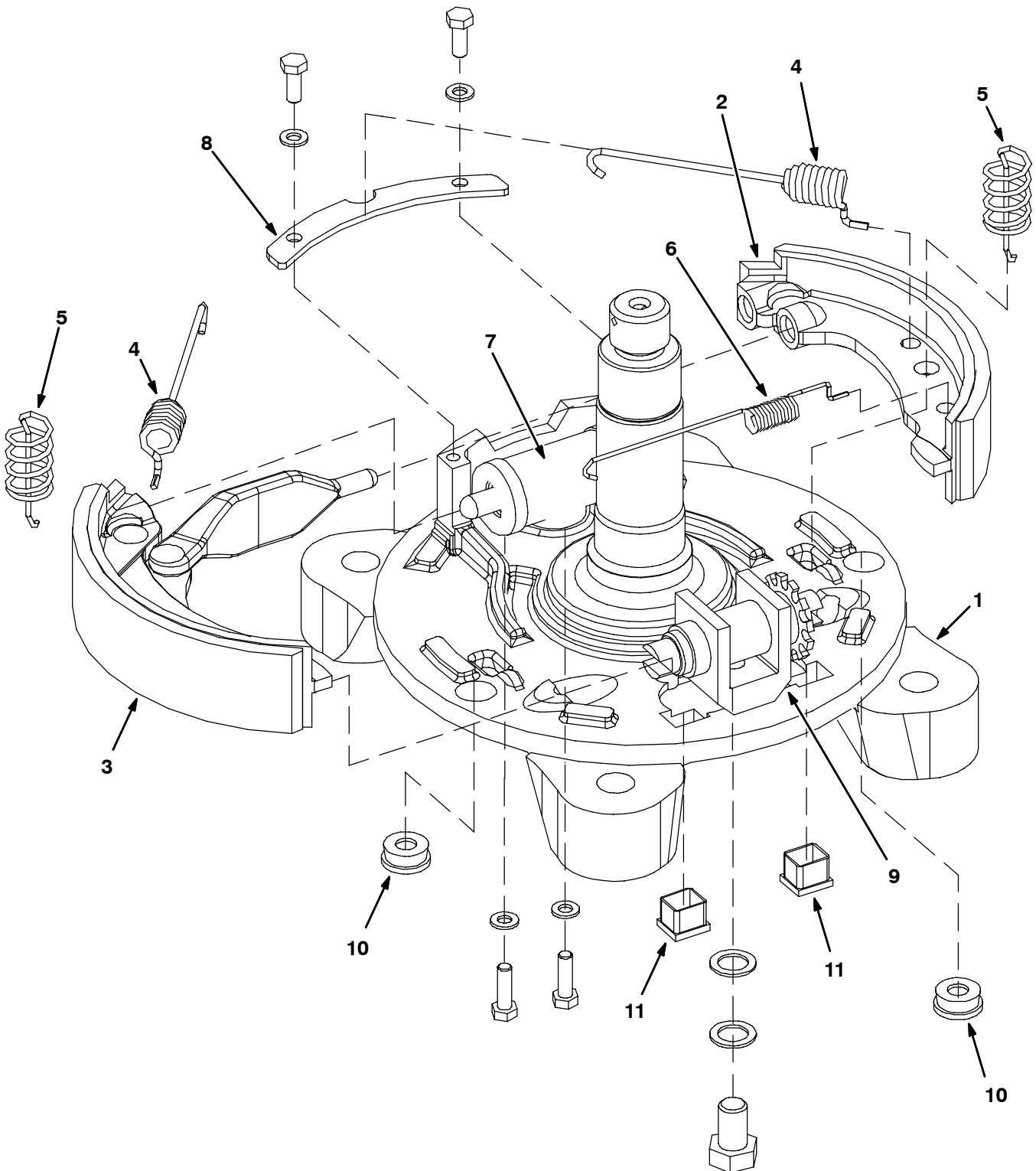
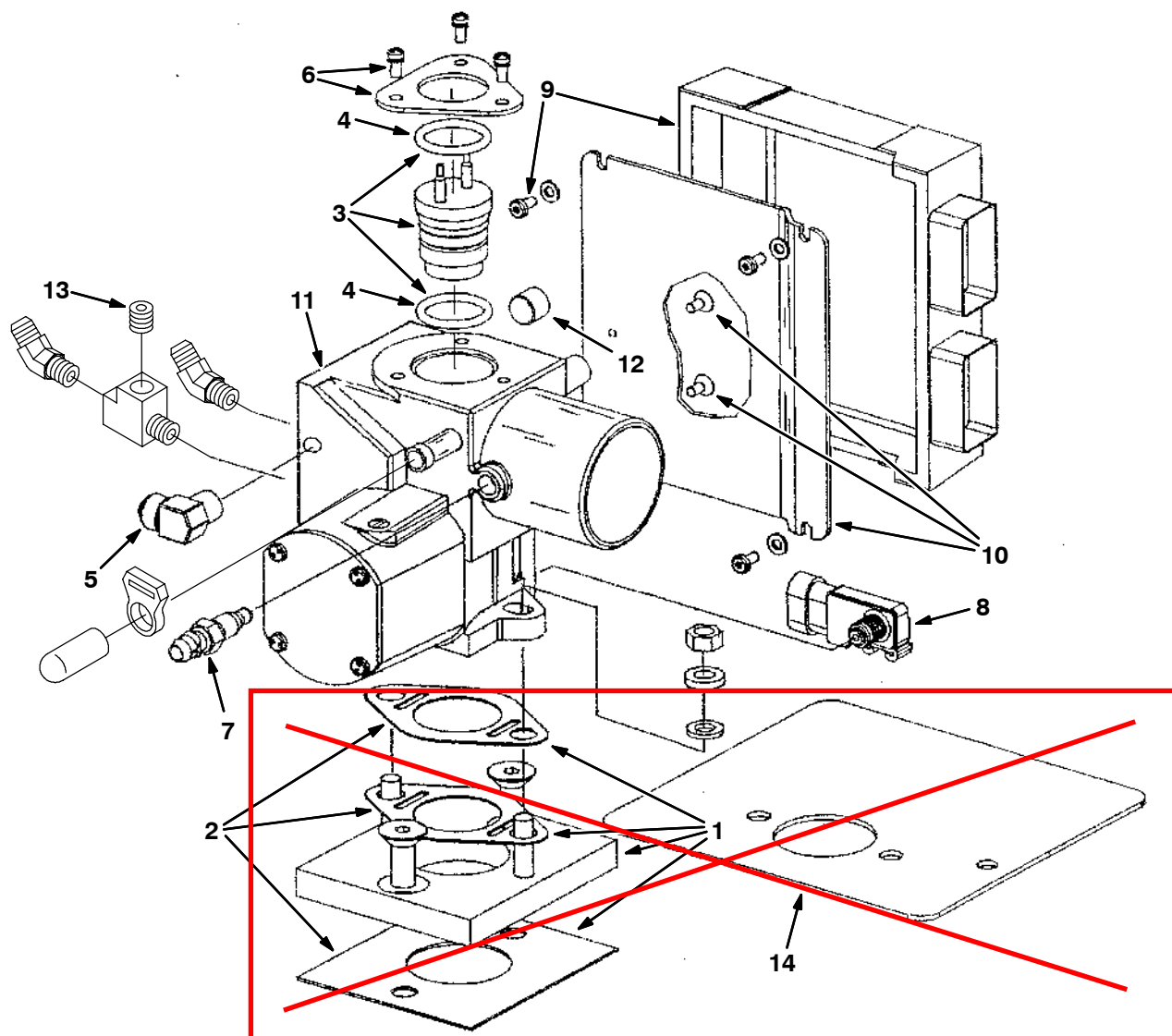


Fig. 35 - Brake Assy, Left Hand (L.h.) 77770

	Ref.	Part No.	Serial Number	Description	Qty.
▽		77770	(000000-	) Brake Assy, Drum, Hyd, 08.0d 1.6w Lh	1
▲	1	77769	(000000-	) Plate, Backing	1
▲	2	70613	(000000-	) Shoe, Brake	1
▲	3	70611	(000000-	) Shoe, Brake	1
▲	4	21728	(000000-	) Spring	2
▲	5	70617	(000000-	) Spring	2
▲	6	70618	(000000-	) Spring	1
▲	7	70609	(000000-	) Cylinder, Wheel, Brake	1
▲	8	70603	(000000-	) Clamp, Hold Down	1
▲	9	70615	(000000-	) Adjuster, Manual	1
▲	10	372950	(000000-	) Plug, Rbr, Rnd	2
▲	11	372951	(000000-	) Plug, Plstc, Sq	2

Fig. 36 - LPG EFI Breakdown, 371894

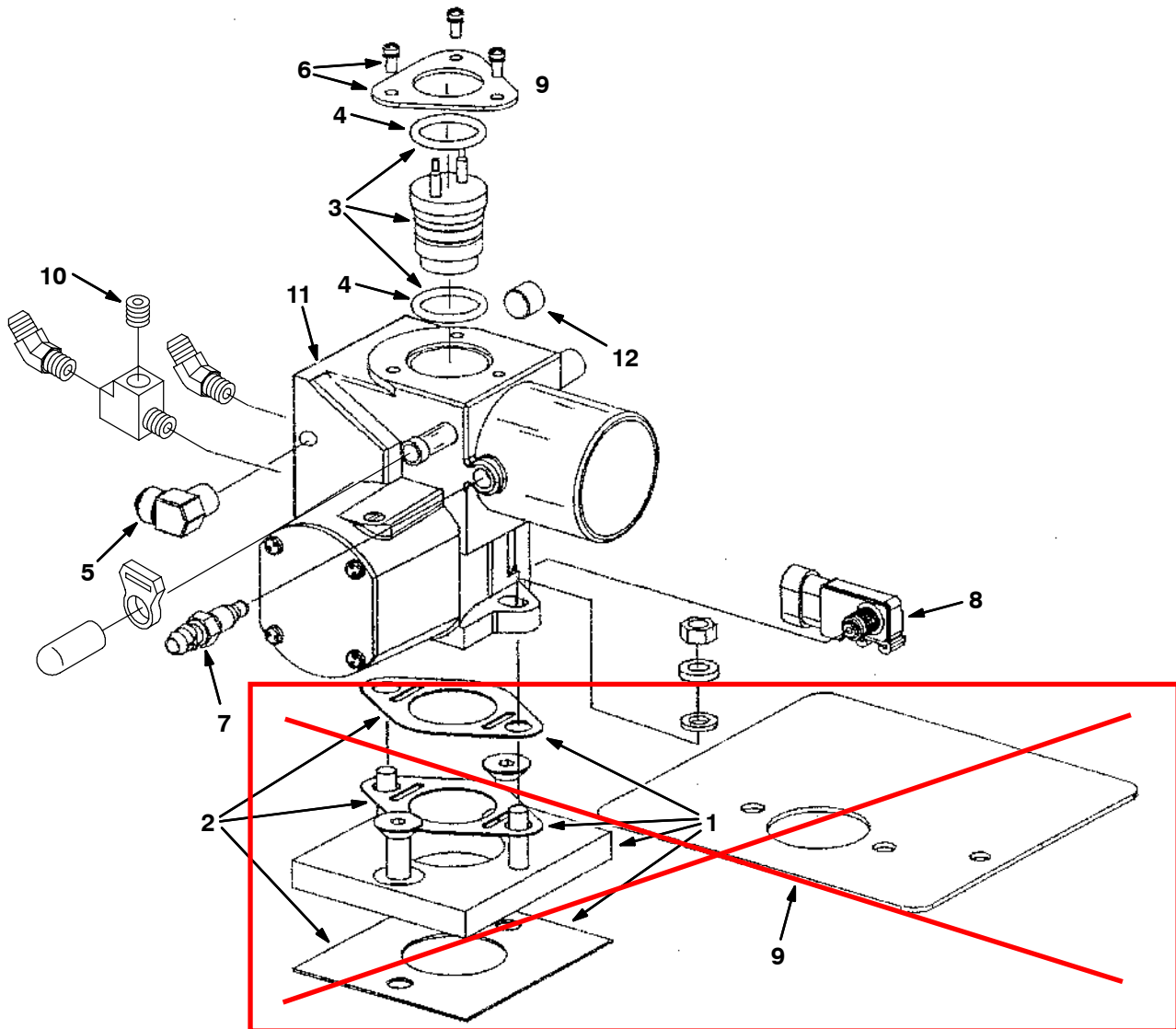


these parts are NOT included in this kit

Fig. 36 - LPG EFI Breakdown, 371894

	Ref.	Part No.	Serial Number	Description	Qty.
▽		371894	(000000-	) Housing Assy, Throttle, Lpg, [With Ecu]	1
▲▽	1	371646	(000000-	) Kit, Adaptor, Manifold	1
▲▲	2	371647	(000000-	) Kit, Gasket, Manifold	1
▲▽	3	1017270	(000000-	) Injector, Fuel, Lpg [3.0l Gm] 8410	1
▲▲	4	371665	(000000-	) Kit, Org, Injector, Top And Bottom, Lpg	1
▲	5	371666	(000000-	) Fitting, Fuel Inlet, Lpg	1
▲	6	371651	(000000-	) Plate, Injector Mtg, W/ Screw	1
▲	7	371653	(000000-	) Sensor, Temp	1
▲		371714	(000000-	) Kit, Connector, Coolant Sensor	1
▲		371715	(000000-	) Kit, Connector, Sensor, [lat]	1
▲	8	371654	(000000-	) Sensor, Manifold Press	1
▲		371713	(000000-	) Kit, Connector, Sensor, [Map]	1
▲	9	9000823	(000000-	) Kit, Replmt, Controller	1
▲	10	391891	(000000-	) Plate, Mtg, W/ Screw, [Ecu], Lpg	1
▲	11	371669	(000000-	) Housing, Throttle, Lpg	1
▲		371718	(000000-	) Kit, Connector, Govnr	1
▲	12	371660	(000000-	) Fitting, Coolant Plug	1
▲	13	10552	(000000-	) Fitting, Pipe, Plug, Pm02 Soc Head	1
▲	14	371658	(000000-	) Shield, Heat	1

Fig. 37 - LPG EFI Breakdown, 371895



these parts are NOT included in this kit

Fig. 37 - LPG EFI Breakdown, 371895

	Ref.	Part No.	Serial Number	Description	Qty.
▽		371895	(000000-	) Housing Assy, Throttle, Lpg, [Without Ecu]	1
▲▽	1	371646	(000000-	) Kit, Adaptor, Manifold	1
▲▲	2	371647	(000000-	) Kit, Gasket, Manifold	1
▲▽	3	1017270	(000000-	) Injector, Fuel, Lpg [3.0l Gm] 8410	1
▲▲	4	371665	(000000-	) Kit, Org, Injector, Top And Bottom, Lpg	1
▲	5	371666	(000000-	) Fitting, Fuel Inlet, Lpg	1
▲	6	371651	(000000-	) Plate, Injector Mtg, W/ Screw	1
▲	7	371653	(000000-	) Sensor, Temp	1
▲		371714	(000000-	) Kit, Connector, Coolant Sensor	1
▲		371715	(000000-	) Kit, Connector, Sensor, [lat]	1
▲	8	371654	(000000-	) Sensor, Manifold Press	1
▲		371713	(000000-	) Kit, Connector, Sensor, [Map]	1
▲	9	371658	(000000-	) Shield, Heat	1
▲	10	10552	(000000-	) Fitting, Pipe, Plug, Pm02 Soc Head	1
▲	11	371669	(000000-	) Housing, Throttle, Lpg	1
▲		371718	(000000-	) Kit, Connector, Govnr	1
▲	12	371660	(000000-	) Fitting, Coolant Plug	1

Fig. 38 - Gasoline EFI Breakdown, 371896

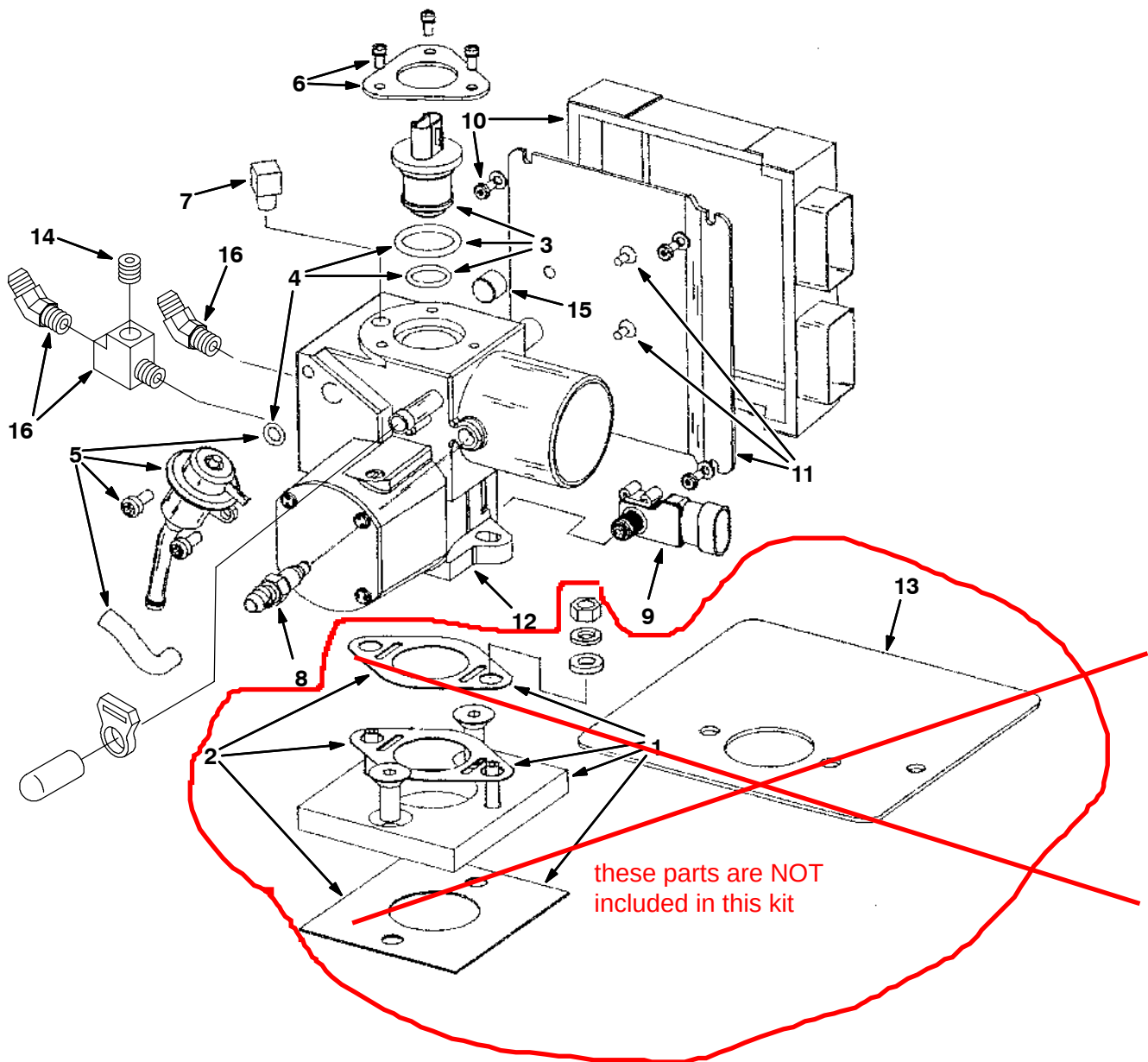


Fig. 38 - Gasoline EFI Breakdown, 371896

	Ref.	Part No.	Serial Number	Description	Qty.
▽		371896	(000000-	) Housing Assy, Throttle, Gas, [With Ecu]	1
▲▽	1	371646	(000000-	) Kit, Adaptor, Manifold	1
▲▲	2	371898	(000000-	) Kit, Gasket, Manifold	1
▲▽	3	371899	(000000-	) Injector, Gas, W/ Top And Bottom Org	1
▲▲	4	371649	(000000-	) Kit, Org, Injector And Reg, Gas	1
▲		371716	(000000-	) Kit, Connector, Gas Injector	1
▲	5	371908	(000000-	) Kit, Reg, Gas Press	1
▲	6	371651	(000000-	) Plate, Injector Mtg, W/ Screw	1
▲	7	15555-2	(000000-	) Fitting, Brs, E90, If05/Pm04	1
▲		371714	(000000-	) Kit, Connector, Coolant Sensor	1
▲		371715	(000000-	) Kit, Connector, Sensor, [lat]	1
▲	8	371653	(000000-	) Sensor, Temp	1
▲	9	371654	(000000-	) Sensor, Manifold Press	1
▲	10	371901	(000000-	) Control, Electronic, Gas	1
▲	11	391890	(000000-	) Plate, Mtg, W/ Screw, [Ecu], Gas	1
▲	12	371902	(000000-	) Housing, Throttle, Gas	1
▲		371718	(000000-	) Kit, Connector, Govnr	1
▲	13	371658	(000000-	) Shield, Heat	1
▲	14	10552	(000000-	) Fitting, Pipe, Plug, Pm02 Soc Head	1
▲	15	371660	(000000-	) Fitting, Coolant Plug	1
▲	16		(000000-	) Kit, Ftg, Coolant	1

Fig. 39 - Gasoline Electronic Fuel Ignition Breakdown, 371897

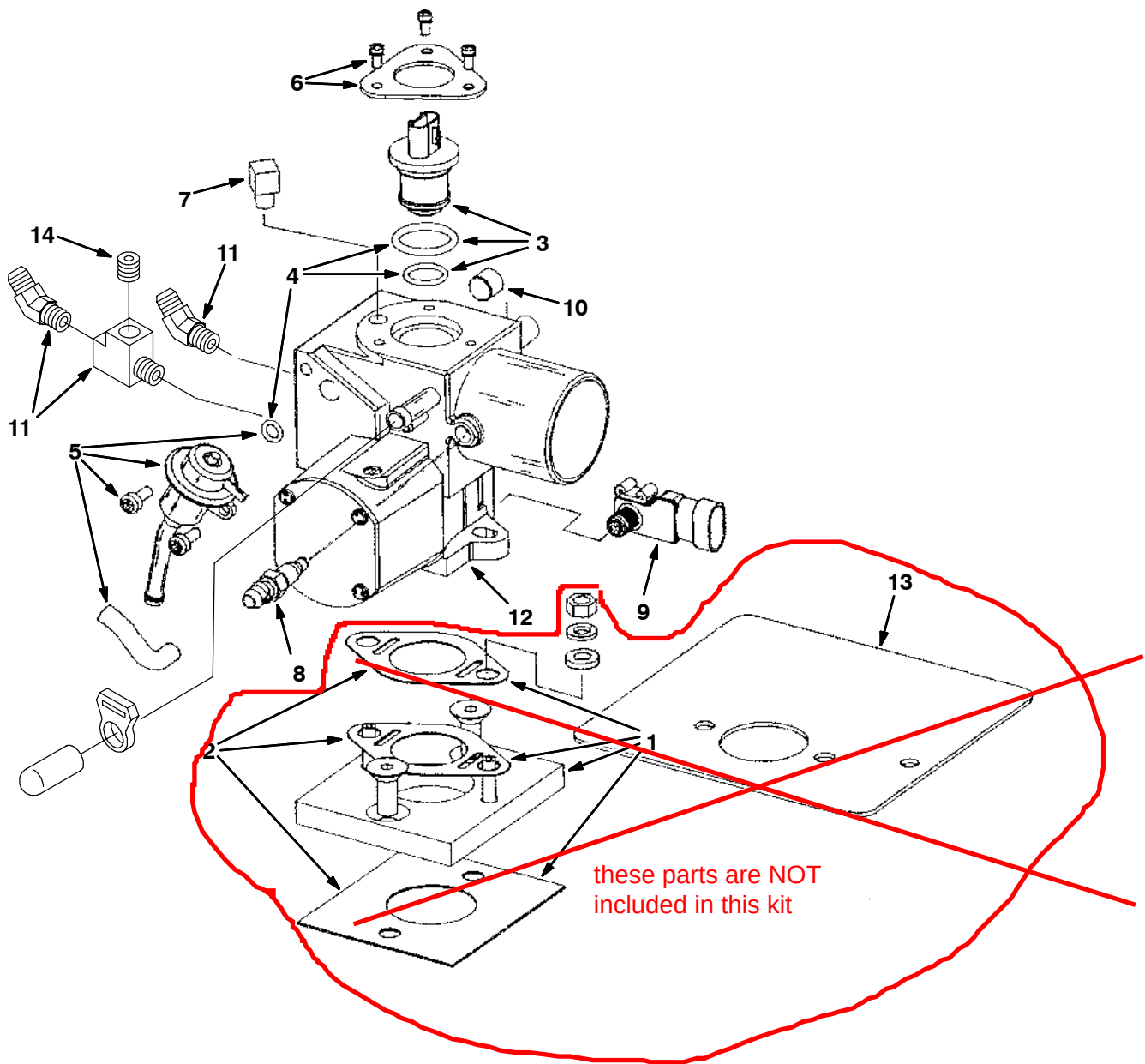


Fig. 39 - Gasoline Electronic Fuel Ignition Breakdown, 371897

	Ref.	Part No.	Serial Number	Description	Qty.
▽		371897	(000000-	) Housing Assy, Throttle, Gas, [Without Ecu]	1
▲▽	1		(000000-	) Kit, Adaptor, Manifold	1
▲▲	2	371898	(000000-	) Kit, Gasket, Manifold	1
▲▽	3	371899	(000000-	) Injector, Gas, W/ Top And Bottom Org	1
▲▲	4	371649	(000000-	) Kit, Org, Injector And Reg, Gas	1
▲		371716	(000000-	) Kit, Connector, Gas Injector	1
▲	5	371908	(000000-	) Kit, Reg, Gas Press	1
▲	6	371651	(000000-	) Plate, Injector Mtg, W/ Screw	1
▲	7	15555-2	(000000-	) Fitting, Brs, E90, If05/Pm04	1
▲		371714	(000000-	) Kit, Connector, Coolant Sensor	1
▲		371715	(000000-	) Kit, Connector, Sensor, [lat]	1
▲	8	371653	(000000-	) Sensor, Temp	1
▲	9	371654	(000000-	) Sensor, Manifold Press	1
▲	10	371660	(000000-	) Fitting, Coolant Plug	1
▲	11		(000000-	) Kit, Ftg, Coolant	1
▲	12	371902	(000000-	) Housing, Throttle, Gas	1
▲		371718	(000000-	) Kit, Connector, Govnr	1
▲	13		(000000-	) Shield, Heat	1
▲	14	10552	(000000-	) Fitting, Pipe, Plug, Pm02 Soc Head	1

SECTION 5

Contents	Page
Fig. 1 - Engine Block Group	5-2
Fig. 2 - Gaskets Group	5-4
Fig. 3 - Cylinder Head Group	5-6
Fig. 4 - Cylinder Front Cover Group	5-7
Fig. 5 - Starter Breakdown	5-8
Fig. 6 - Oil Pan Group	5-10
Fig. 7 - Crankshaft Group	5-12
Fig. 8 - Manifolds Group	5-14
Fig. 9 - Flywheel Group	5-16
Fig. 10 - Camshaft And Sprocket Group	5-18
Fig. 11 - Valve And Rocker Arm Cover Group ..	5-20
Fig. 12 - Piston And Connecting Rod Group ...	5-22
Fig. 13 - Water Pump, Thermostat and Fan Group	5-23
Fig. 14 - Ignition Group	5-24

2.3L ENGINE BREAKDOWN

Fig. 1 - Engine Block Group

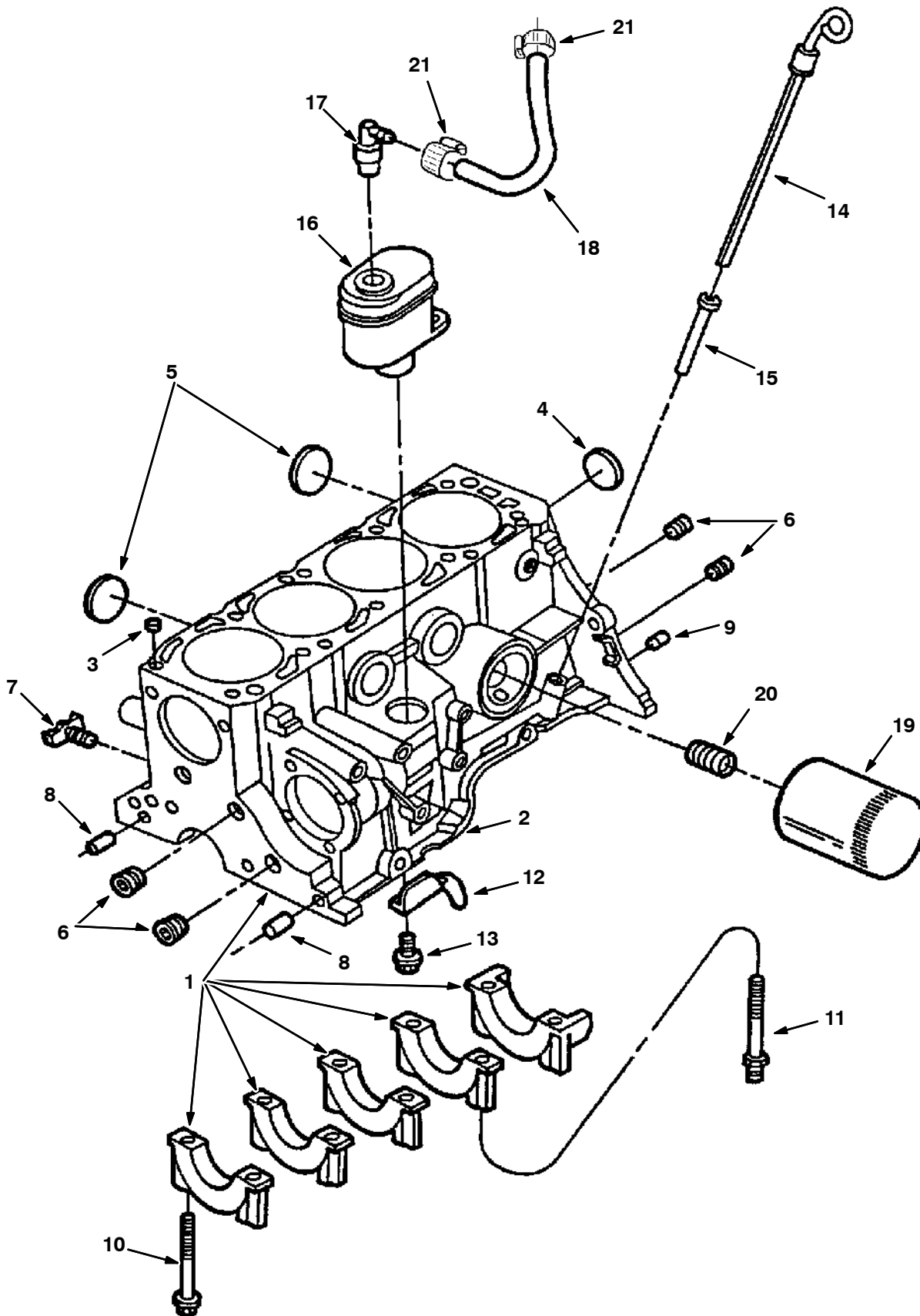


Fig. 1 - Engine Block Group

	Ref.	Part No.	Description	Qty.
	1	84875	Cyl Block Assy (Short Block Assy)	1
▽	2	84876	Block Assy	1
▲	3	73958	Dowel	2
▲	4	73921	Plug-Std 2.078	1
▲	4	73920	Plug .06 O/S	-
▲	5	84877	Plug, 1.50 Cup	4
▲	6	73917	Plug 3/8 Npt	5
▲	6	36268	Plug 1/4 Npt	2
▲	7	54911-32	Draincock,End.Block	1
▲	8	84878	Dowel,Frnt Cover	2
▲	9	73975	Dowel	2
▲	10	73950	Bolt M12	9
▲	11	74516	Stud M12	1
▲	12	84879	Baffle	1
	13	84880	Bolt, M6X16.5mm	2
	14	10723	Indicator,Oil	1
	15	10724	Short Tube	1
	16	84882	Separator	1
	17	84883	Pcv Vlv Asy	1
	18	84884	Hose	1
	19	39703-2	Filter Element, Oil	1
	20	84962	Insert-Oilfilt	1
	21	54333	Clamp, Hose, Wormdrive	2

Fig. 2 - Gaskets Group

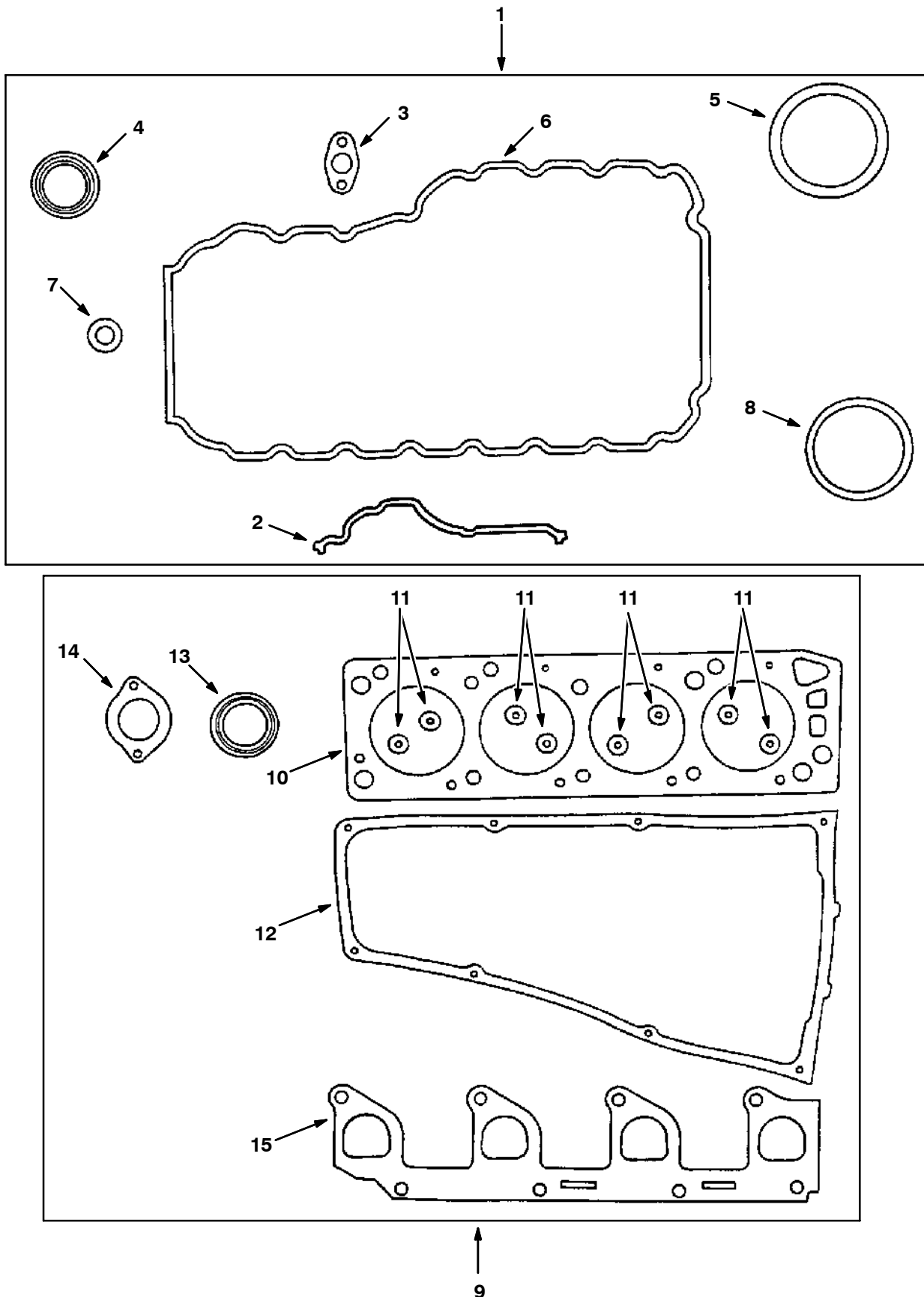
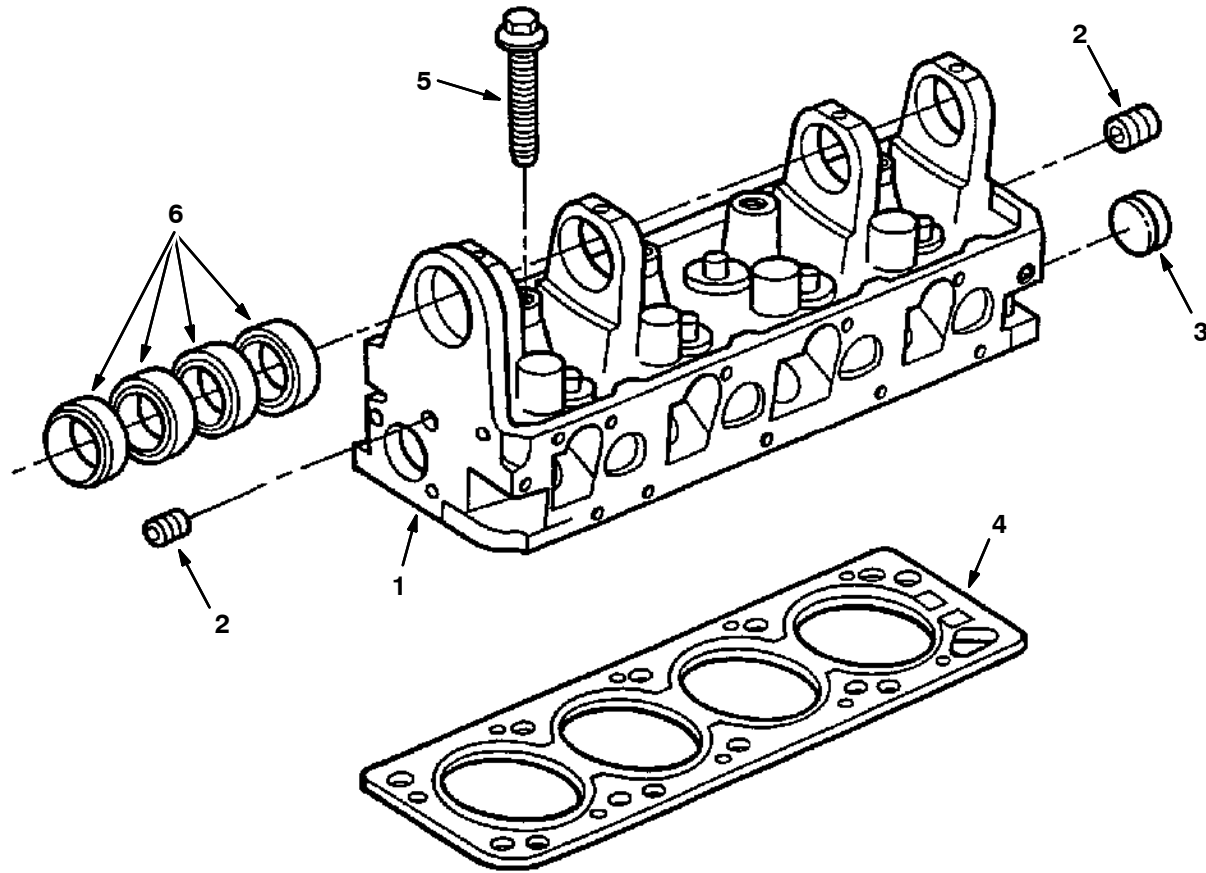


Fig. 2 - Gaskets Group

	Ref.	Part No.	Description	Qty.
▽	1	84885	Gskt Kit, Lower	1
▲	2	84886	Gskt, Frnt Cvr	1
▲	3	84887	Gskt, Pmp/Putube	1
▲	4	60833	Oil Seal, Front	1
▲	5	84888	Seal, Rear	1
▲	6	84889	Gasket, Oil Pan	1
▲	7	37157	Gasket Oil	1
▲	8	84983	Gskt, Water Pump	1
▽	9	84891	Gskt Kit, Upper	1
▲	10	60806	Gasket, Head	1
▲	11	84892	Seal, Valve Stem	8
▲	12	84893	Gskt, Rockr Cvr	1
▲	13	60833	Oil Seal, Front	1
▲	14	74538	Gskt-Waterout	1
▲	15	84894	Gskt, In. Manfld	1

2.3L ENGINE BREAKDOWN

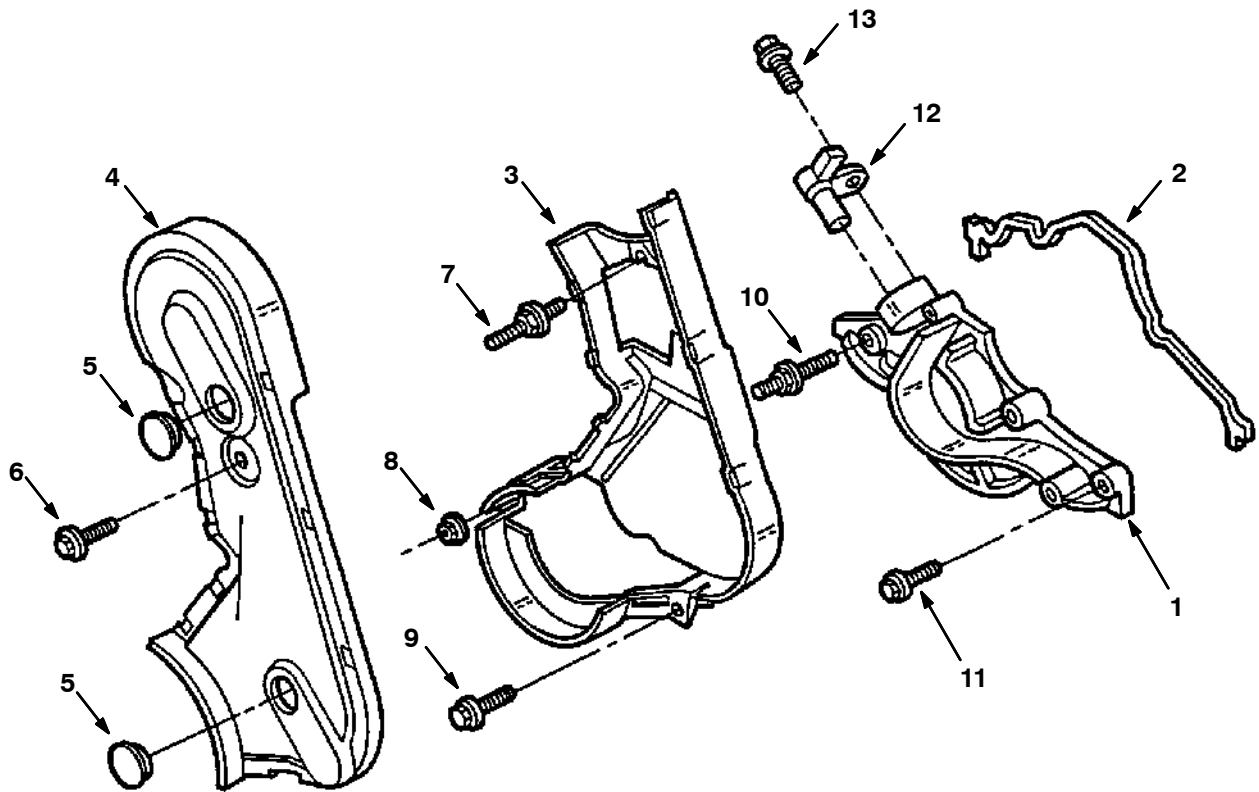
Fig. 3 - Cylinder Head Group



10445 - 800L, 8410, G, LP

Ref.	Part No.	Description	Qty.
1	84907	Head-W/O Valves	1
2	36268	Plug 1/4 Npt	2
3	84910	Plug,1.50 Cup	1
4	60806	Gasket, Head	1
5	73927	Bolt M12	10
6	60817	Bearing Cam,	4
6	73936	Bearing, .016 Camshaft	-

Fig. 4 - Cylinder Front Cover Group



10446 - 800L, 8410, G, LP

Ref.	Part No.	Description	Qty.
1	84895	Lower Cover	1
2	84896	Gskt,Front Cvr	1
3	84897	Inner Cover	1
4	84898	Outer Cover	1
5	74536	Plug	2
6	84899	Bolt, M8 X 17 Schd	1
7	84900	Stud,M8X51.0mm	1
8	84901	Nut, M6	1
9	84902	Scr&Wsh,M6X22.5	1
10	84903	Stud,M6X61.8mm	1
11	84904	Bolt,M6X37.5mm	3
12	84905	Sensor,Crnksft	1
13	84906	Screw,M6X22.5mm	1

Fig. 5 - Starter Breakdown

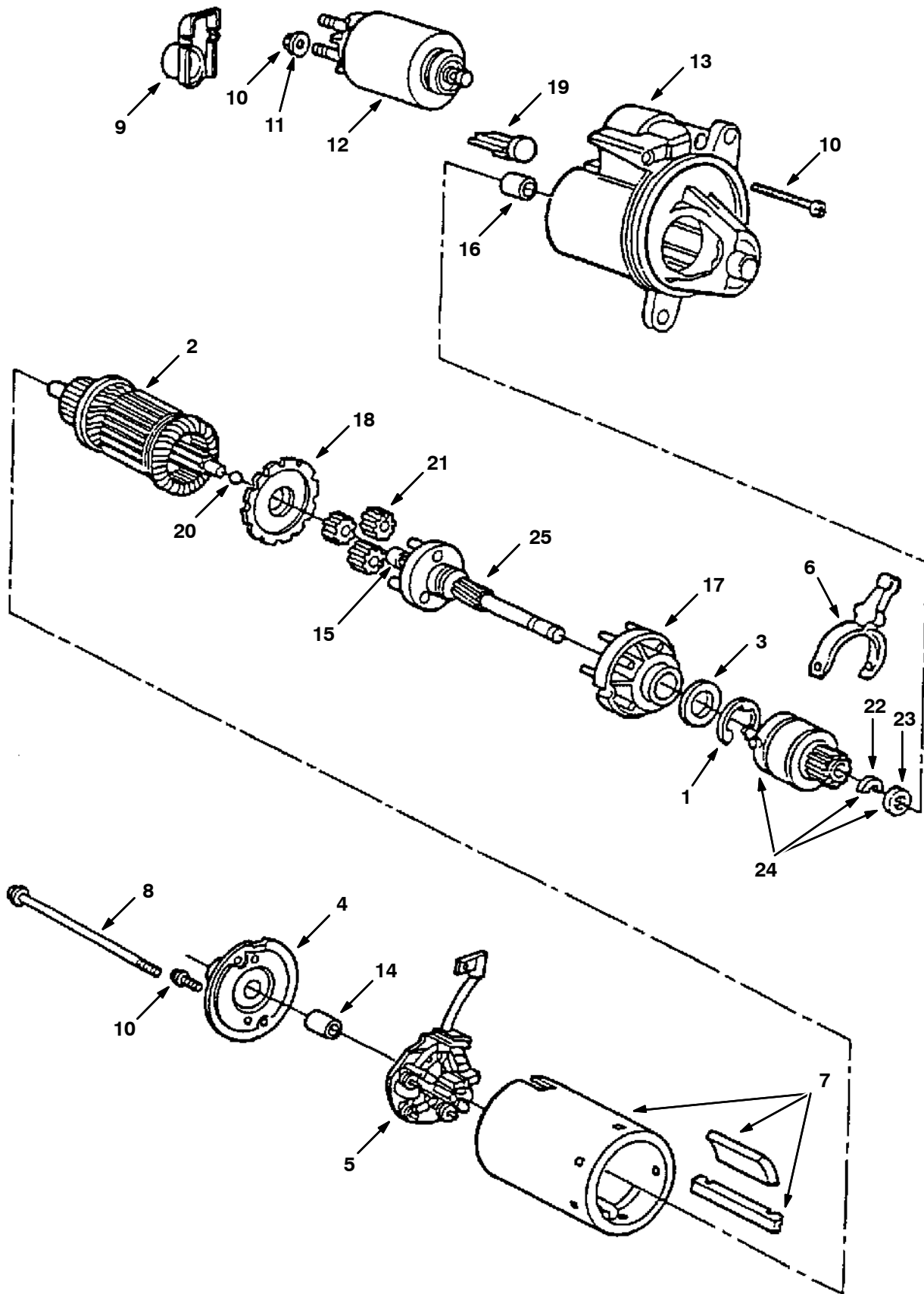


Fig. 5 - Starter Breakdown

	Ref.	Part No.	Description	Qty.
▽		60938	Motor, Starting, Perm Mag, 12V	1
▲	1	79640	Retaining Ring	1
▲	2	84999	Armature	1
▲	3	79956	Washer	1
▲	4	79628	Plate & Brg	1
▲	5	79629	Brush Holder	1
▲	6	79630	Lever	1
▲	7	79631	Frame&Mag.As	1
▲	8	79632	Bolt-Thru	2
▲	9	79970	Term.Cover	1
▲▽	10	79633	Kit-Attaching	1
▲▲	11	79957	Nut&Washer,M8	1
▲	12	370829	Solenoid	1
▲	13	79634	Hsg W/Brg	1
▲	14	79635	Bearing	1
▲	15	79960	Planet Bearing	3
▲	16	79961	Bearing	1
▲	17	79962	Statnry Gear	1
▲	18	79963	Retnr.Gear	1
▲	19	79964	Seal	1
▲	20	79965	Arm.Thr.Ball	1
▲	21	79966	Gear Assy	3
▲	22	79636	Ring-Drv.Stop	1
▲	23	79967	Retainer	1
▲	24	79638	Drive Assy	1
▲	25	79969	Shft Asy,Output	1

Fig. 6 - Oil Pan Group

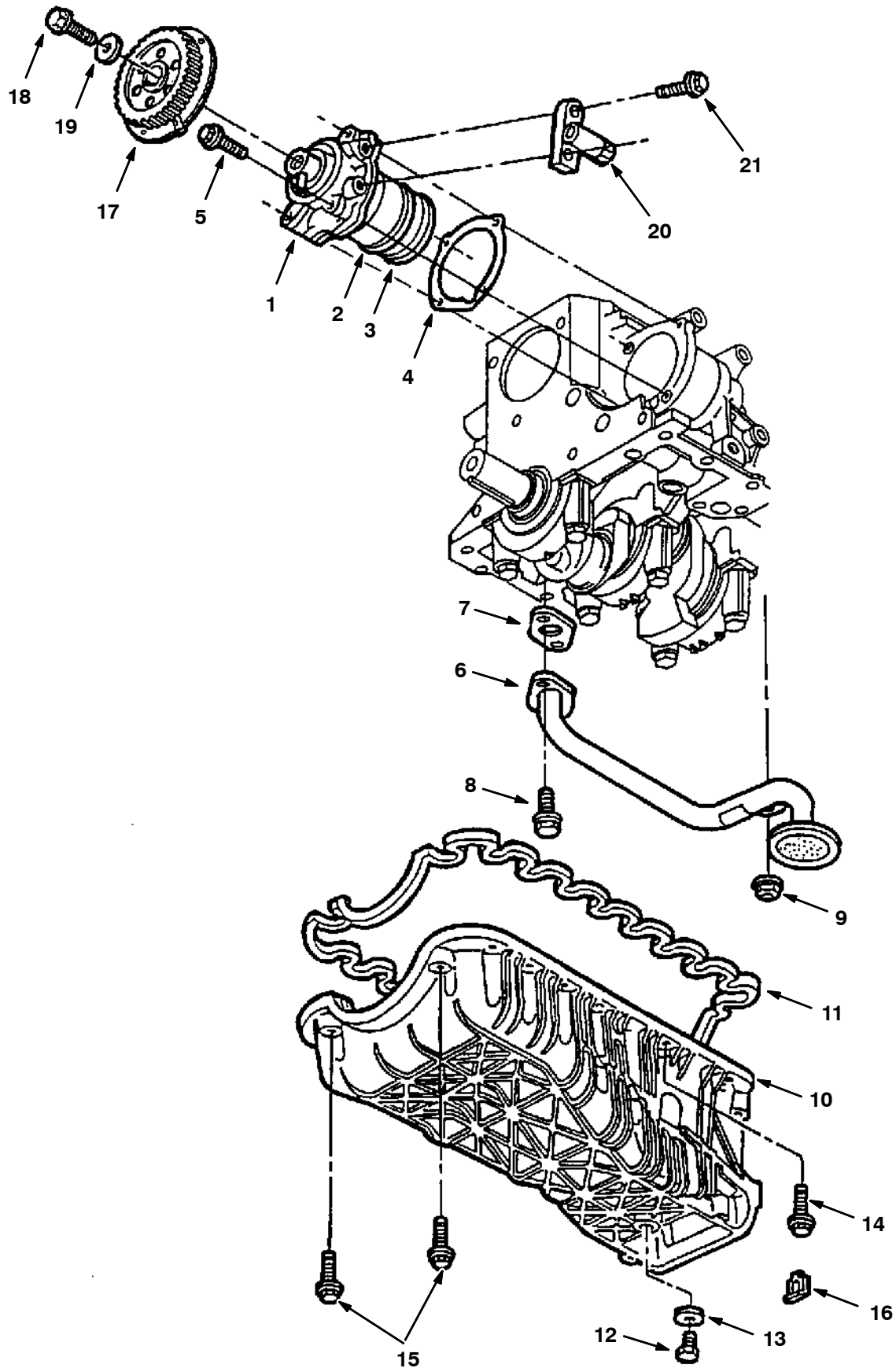


Fig. 6 - Oil Pan Group

Ref.	Part No.	Description	Qty.
1	84963	Oil Pump	1
2	84964	O-Ring,2.375	1
3	84965	O-Ring-2.250	1
4	84966	Gskt,Oilpmp/Blk	1
5	84967	Bolt,M6X47.5mm	4
6	84968	Oil Pickup Tube	1
7	84969	Gskt,Pu Tube	1
8	84970	Bolt,M8X20.0mm	2
9	84971	Nut,M10	1
10	84972	Oil Pan Assy	1
11	84889	Gasket,Oil Pan	1
12	37127	Oil Plug	1
13	37157	Gasket Oil	1
14	84973	Bolt,M6X27.5mm	16
15	84974	Bolt,M6X52.5mm	2
16	84975	Oil Pan Spacer	-
16	84976	Oil Pan Spacer	-
16	84977	Oil Pan Spacer	-
17	84978	Oil Pmp Sprkt	1
18	84979	Bolt,M10X40.0mm	1
19	74561	Washer	1
20	84980	Camsft.Sensor	1
21	84981	Bolt,M5X20.0M	2

Fig. 7 - Crankshaft Group

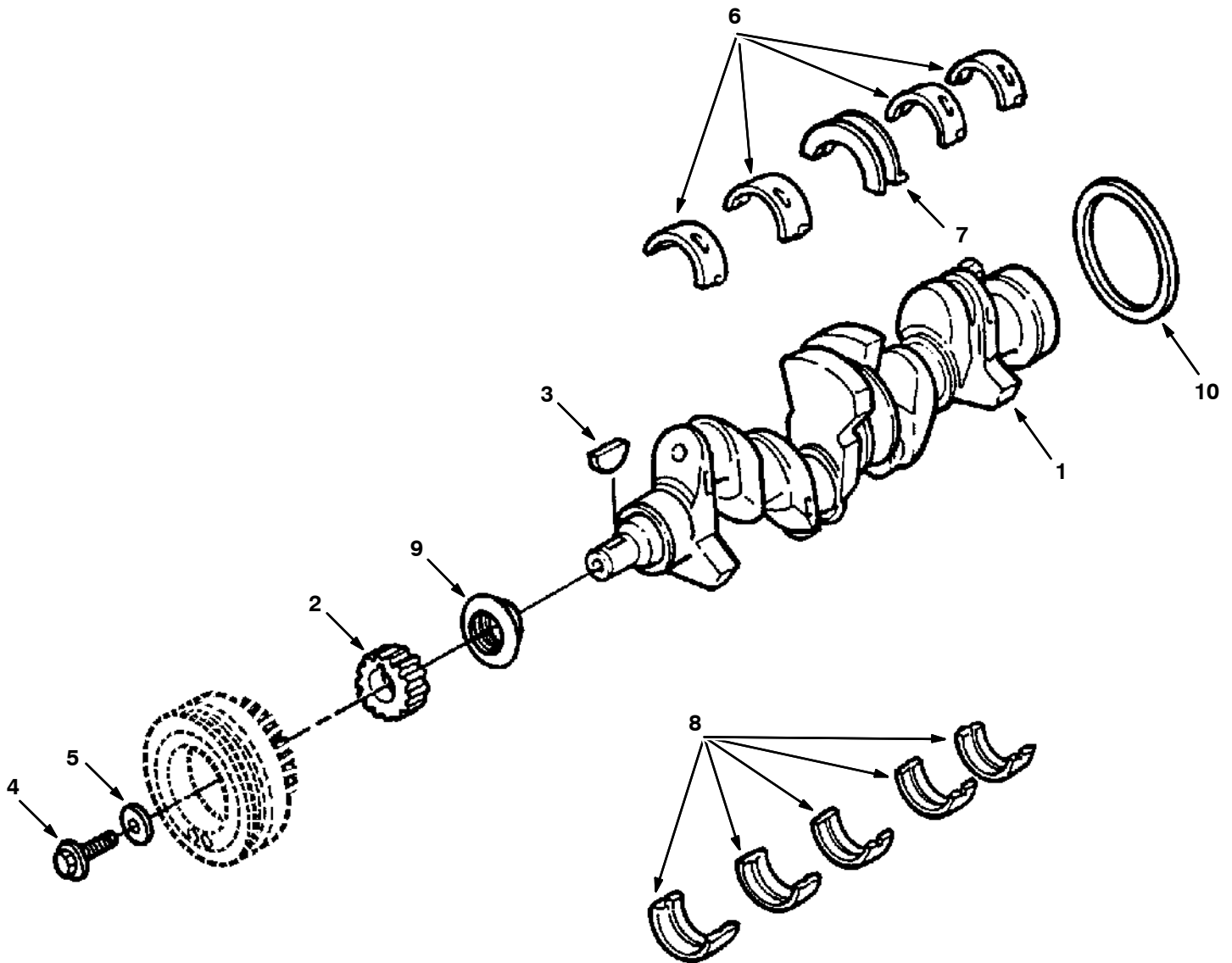


Fig. 7 - Crankshaft Group

Ref.	Part No.	Description	Qty.
1	84923	Crankshaft Asy	1
2	84924	Crnksft Sprckt	1
3	84925	Crnkshaft Key	1
4	84926	Bolt,M14X55.0M	1
5	84927	Wash M15 1.53Od	1
6	84928	Main Brg,Stdred	4
6	84929	Main Brg,Std blu	-
6	84930	Main Brg,.002 Upper	-
6	84931	Main Brg,.010 Upper	-
6	84932	Kit, Bearing Crankshaft	-
6	84933	Main Brg,.030 Upper	-
7	84934	Thr.Brg,Stdred	1
7	84937	Thr.Brg,Std blue	-
7	84935	Thr.Brg,.002 Upper	-
7	84938	Thr.Brg,.010 Upper	-
7	84940	Thr.Brg,.030 Upper	-
8	84941	Main Brg,Stdred	5
8	84942	Main Brg,Std blu	-
8	84943	Main Brg,.002 Lower	-
8	84944	Main Brg,.010 Lower	-
8	84946	Main Brg,.030 Lower	-
9	60833	Oil Seal, Front	1
10	84947	Crnksft Seal-Rear	1

Fig. 8 - Manifolds Group

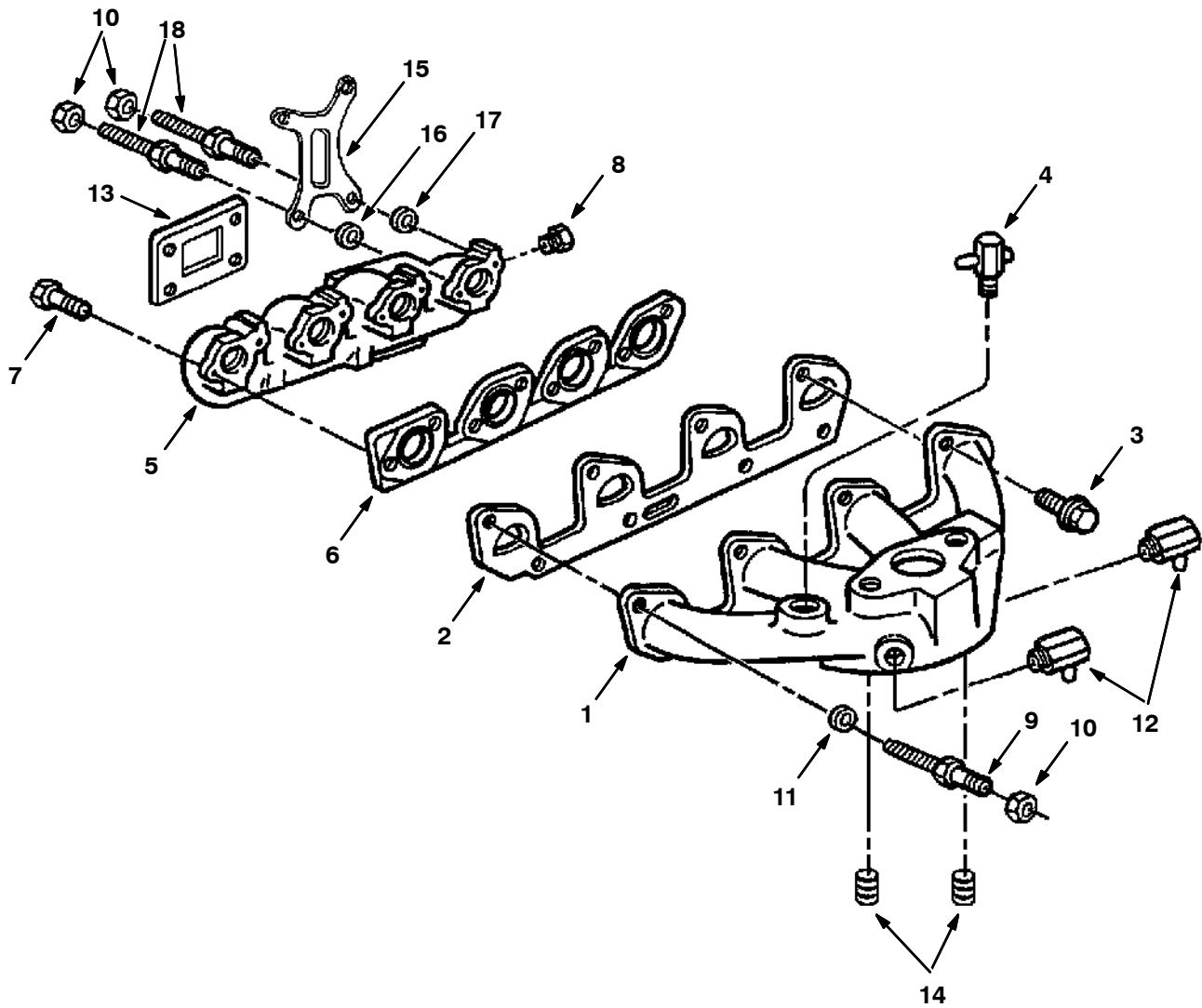


Fig. 8 - Manifolds Group

Ref.	Part No.	Description	Qty.
1	84990	Int.Manifold	1
2	84991	Gskt,Int.Mnflid	1
3	84992	Bolt,M8X25.0mm	7
4	74527	Vac.Fitting	1
5	74509	Exh.Manifold	1
6	84995	Gskt,Exh.Mnflid	1
7	84996	Bolt,M10X55.0M	6
8	84997	Plug, 1/2Npt	1
9	79972	Stud	1
10	79973	Nut M8-1.25	3
11	79974	Spacer	1
12	84985	Elbow,90 deg	2
13	36048	Gasket, Exh. Flange	1
14	73917	Plug 3/8 NPT	2
15	79976	Lifting Eye	1
16	21792	Spacer	1
17	21793	Spacer	1
18	21794	Stud	2

Fig. 9 - Flywheel Group

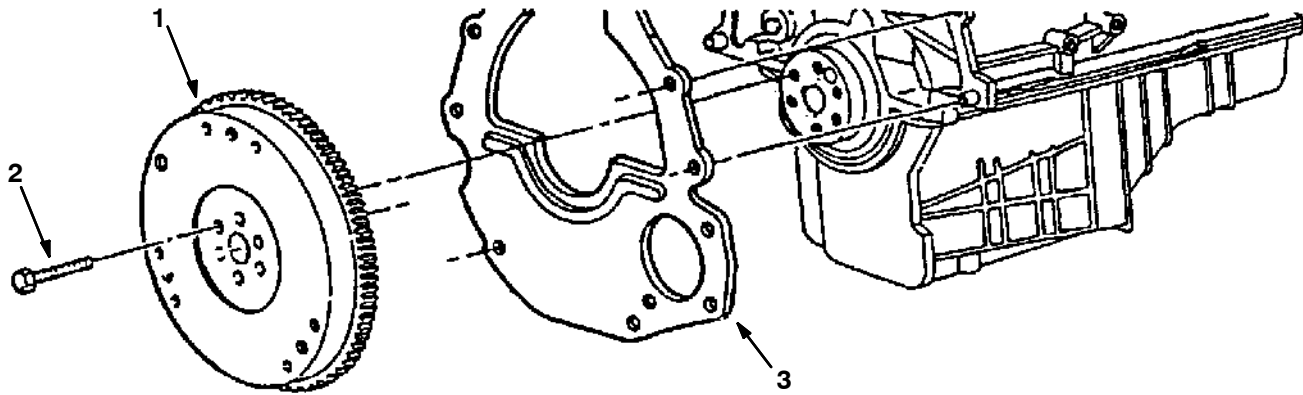


Fig. 9 - Flywheel Group

Ref.	Part No.	Description	Qty.
1	370103	Replm Kit, Flywheel	1
	370102	Flywheel	1
	84659	Flywheel Ring Gear	1
2	64038	Bolt	12
3	83669	Rear Plate	12

2.3L ENGINE BREAKDOWN

Fig. 10 - Camshaft And Sprocket Group

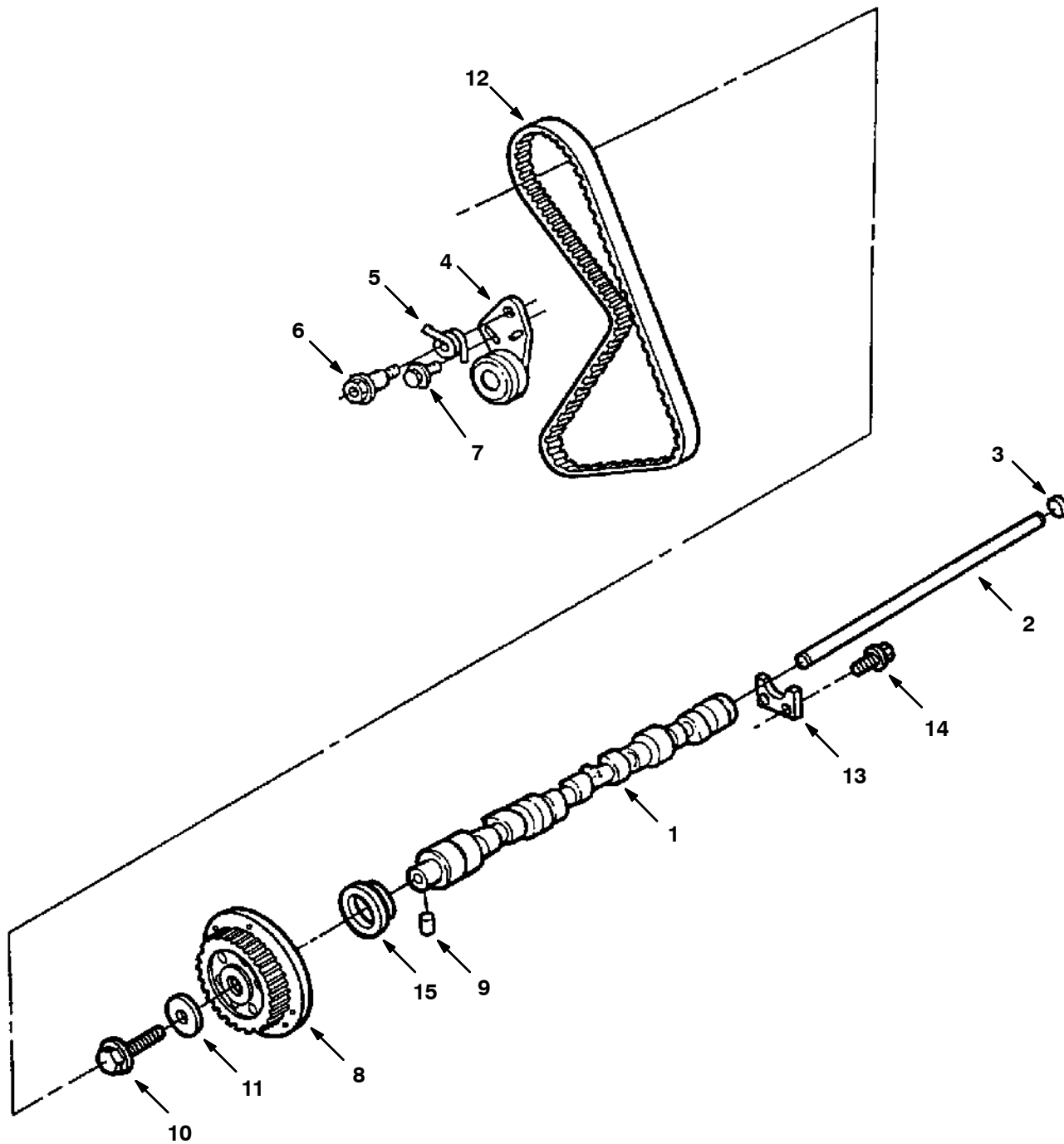


Fig. 10 - Camshaft And Sprocket Group

Ref.	Part No.	Description	Qty.
1	84915	Camshaft	1
2	84916	Rod	1
3	84917	Plug	1
4	73967	Tensioner, Arm	1
5	73970	Spring, Tension	1
6	84919	Bolt, Tens. Sprn	1
7	74552	Bolt	1
8	84978	Camshft Sprckt	1
9	84921	Pin, 1/4X.32	1
10	74545	Bolt M12X45	1
11	73937	Washer	1
12	84936	Timing Belt	1
13	73954	Plate	1
14	74548	Scr&Wash M6	2
15	60833	Oil Seal, Front	1

Fig. 11 - Valve And Rocker Arm Cover Group

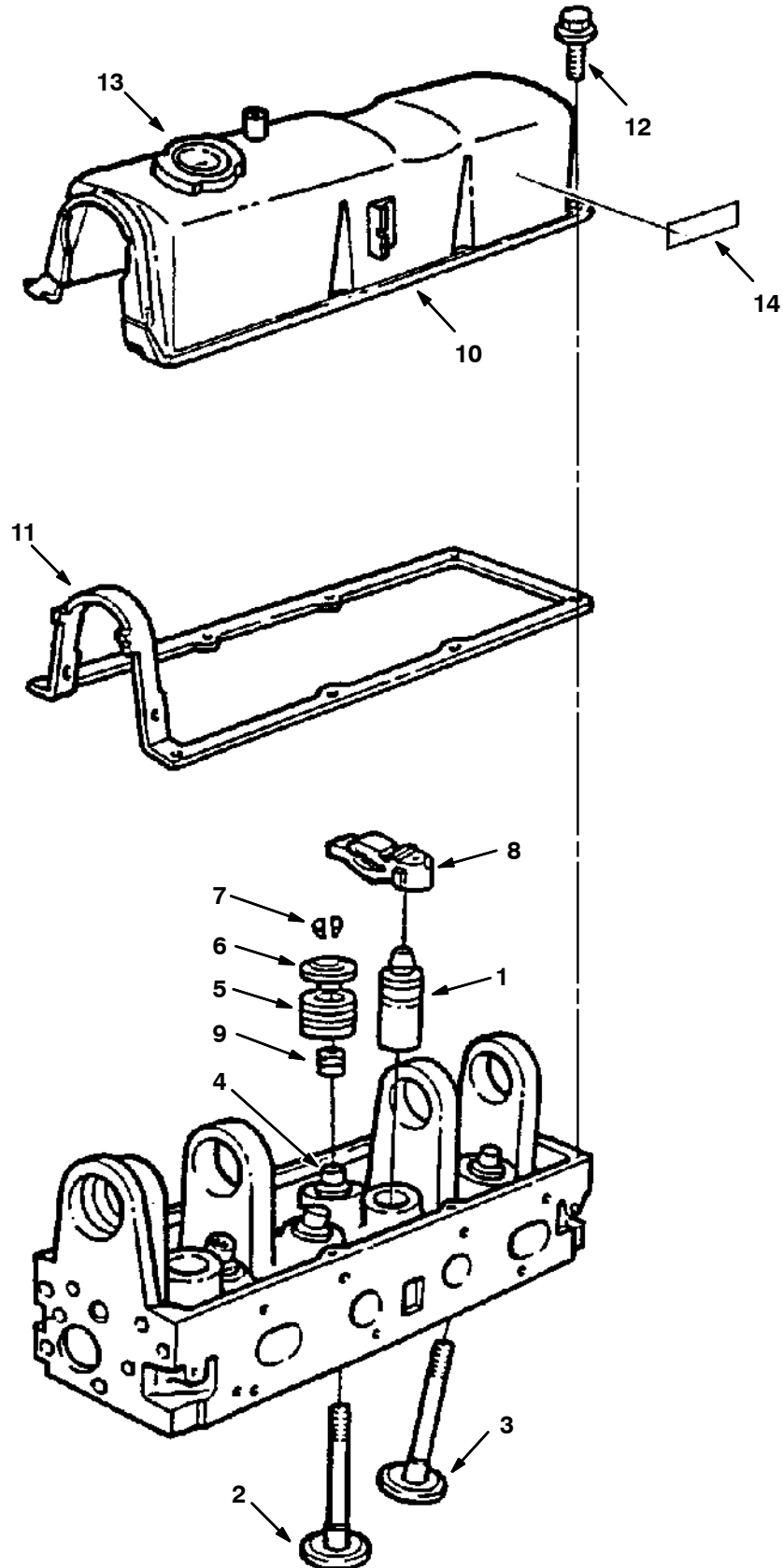
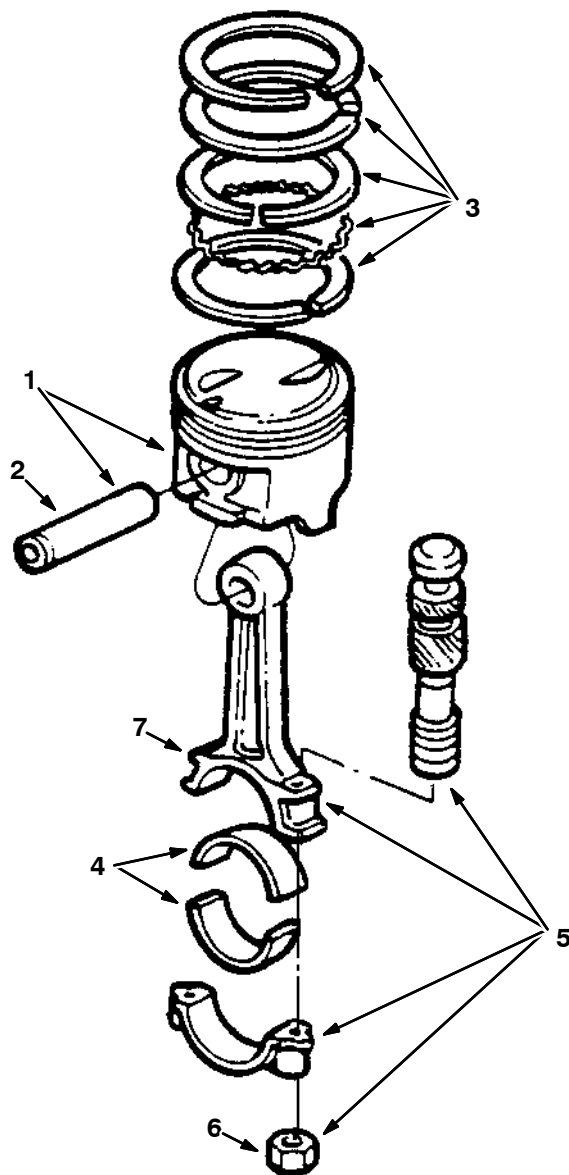


Fig. 11 - Valves And Rocker Arm Cover Group

Ref.	Part No.	Description	Qty.
1	84950	Tap.Assy-Valve	8
2	84951	Std.Exh.Valve	4
3	84952	Std.Int.Valve	4
4	84953	Valve Guide Bushing	-
5	84954	Valve Spring	8
6	84955	Valve Spring Retainer	8
7	84956	Valve Spring Key	16
8	84957	Valve Rocker Arm	8
9	84958	Valve Stem Seal	8
10	370876	Valve Rocker Arm Cover	1
11	73995	Gasket,Rocker Cover	1
12	84961	Scr&Wsh,M6X15.0M	8
13	60836	Breather Cap	1
14	36164	Warning Label, Starter	1

2.3L ENGINE BREAKDOWN

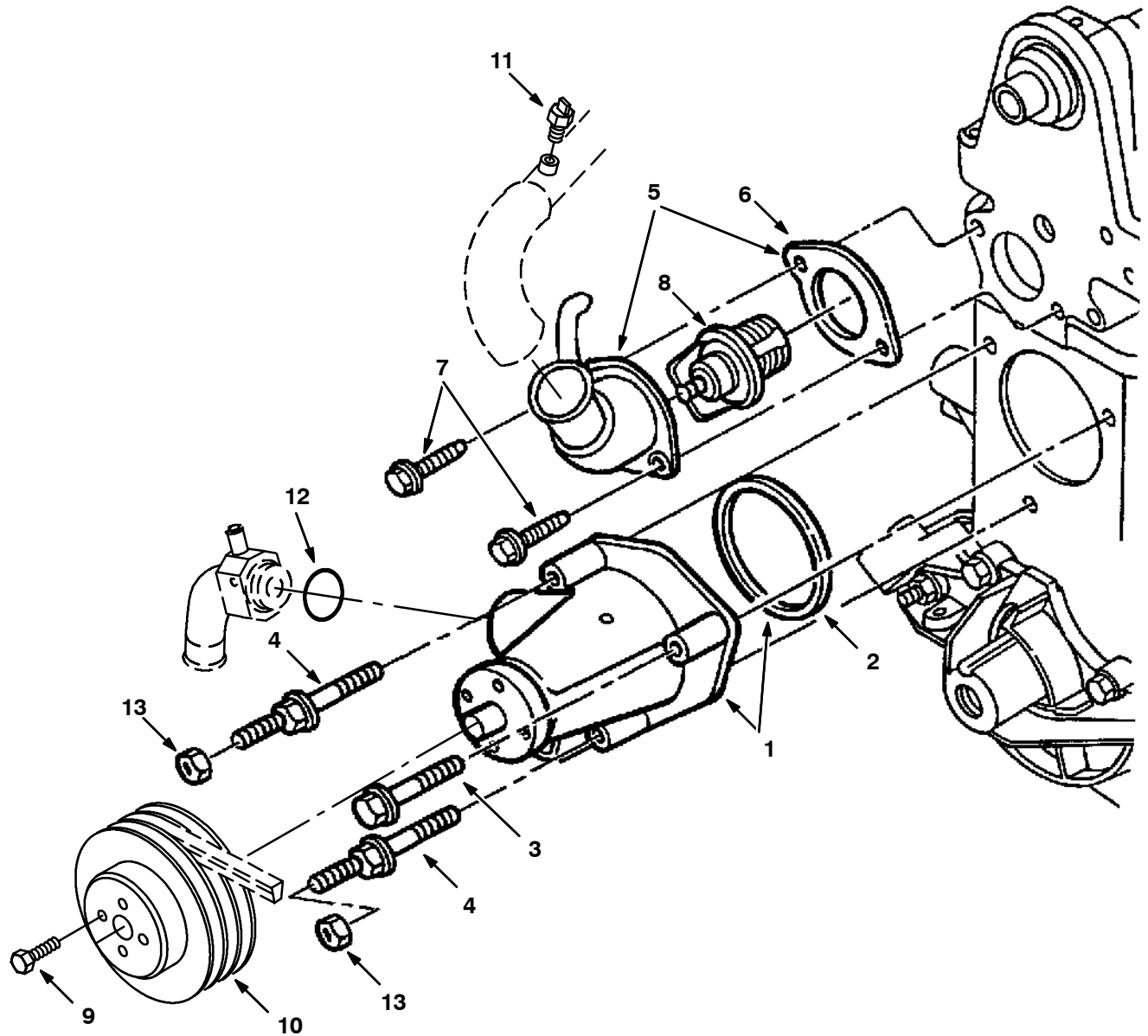
Fig. 12 - Piston And Connecting Rod Group



10447 - 800L, 8410, G, LP

Ref.	Part No.	Description	Qty.	
1	84911	Piston, Std.	4	
2	84912	Piston Pin	4	
3	84913	Ring Set,Std.	2	
4	60812	Bearing	8	
4	73977	Brg-Conn.Rod	-	
4	73978	Brg-Conn.Rod	-	
4	73979	Brg-Conn.Rod	-	
4	73980	Brg-Conn.Rod	-	
4	73981	Brg-Conn.Rod	-	
4	73982	Brg-Conn.Rod	-	
▽	5	84914	Connecting Rd	4
▲	6	60813	Nut, Conrod-8	8
▲	7	60814	Bolt-Conrod-4	8

Fig. 13 - Water Pump, Thermostat and Fan Group

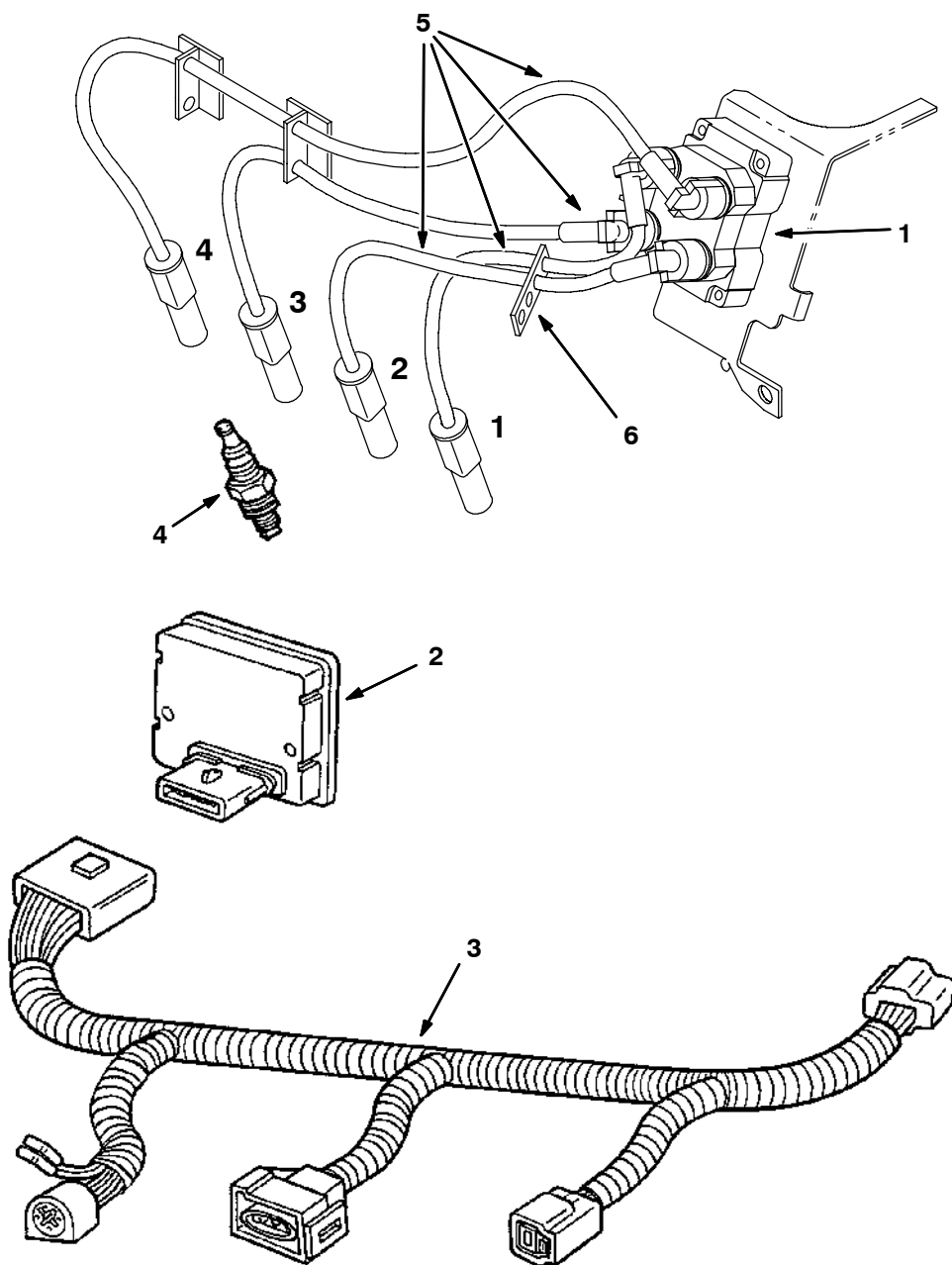


10528 - 800L, 8410, G, LP

Ref.	Part No.	Description	Qty.
▽ 1	84982	Water Pump	1
▲ 2	84983	Gskt,Water Pump	1
3	84984	Bolt,M8X53.0mm	1
4	84998	Stud	2
▽ 5	73996	Water Outlet	1
▲ 6	74538	Gasket Water Outlet Connection	1
7	84988	Bolt,M8X18.0M	2
8	84987	Therm 190 W/Gsk	1
9	84994	Bolt, M8X12.0mm	1
10	36014	Sheave, Water Pump	1
11	84989	Temperature sensor	1
12	79975	O-Ring, Water Pump Adaptor	1
13	84993	Locknut	2

2.3L ENGINE BREAKDOWN

Fig. 14 - Ignition Group



10524-350562 - 800L, 8410, G, LP

Ref.	Part No.	Description	Qty.
1	83732	Ignition Coil	1
2	83676	Ignition Module	1
3	83707	Wire Harness	1
4	60846	Spark Plug	4
5	83677	Wire Asy, Spark Plug	1
6	84882	Separator	1

SECTION 6

Contents	Page
Fig. 1 - Engine Block Group	6-2
Fig. 2 - Gaskets Group	6-4
Fig. 3 - Cylinder Head Group	6-6
Fig. 4 - Cylinder Front Cover Group	6-7
Fig. 5 - Starter Breakdown	6-8
Fig. 6 - Oil Pan Group	6-10
Fig. 7 - Crankshaft Group	6-12
Fig. 8 - Manifolds Group	6-14
Fig. 9 - Flywheel Group	6-16
Fig. 10 - Camshaft And Sprocket Group	6-18
Fig. 11 - Valve And Rocker Arm Cover Group ..	6-20
Fig. 12 - Piston And Connecting Rod Group ...	6-22
Fig. 13 - Water Pump, Thermostat and Fan Group	6-23
Fig. 14 - Ignition Group	6-24

2.5L ENGINE BREAKDOWN

Fig. 1 - Engine Block Group

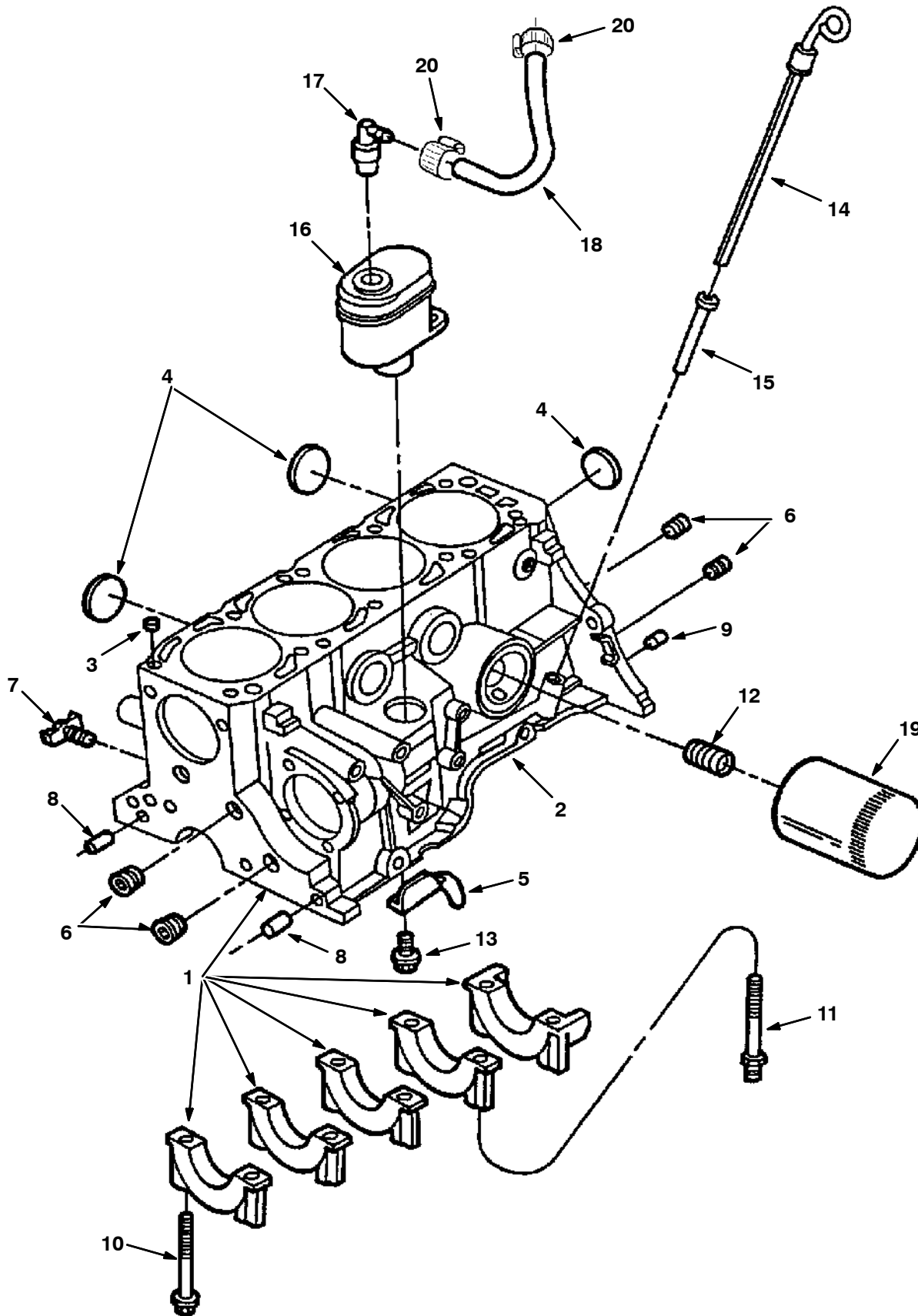


Fig. 1 - Engine Block Group

	Ref.	Part No.	Description	Qty.
	1	370847	Cyl Block Assy (Short Block Assy)	1
▽	2	370848	Block Assy	1
▲	3	73958	Dowel	2
▲	4	73921	Plug-Std 2.078	5
▲	4	73920	Plug .06 O/S	-
▲	5	84879	Baffle	1
▲	6	73917	Plug 3/8 Npt	5
▲	6	36268	Plug 1/4 Npt	2
▲	7	54911-32	Draincock,End.Block	1
▲	8	84878	Dowel,Frnt Cover	2
▲	9	370873	Dowel	2
▲	10	73950	Bolt M12	9
▲	11	74516	Stud M12	1
	12	84962	Insert-Oilfilt	1
	13	84880	Bolt, M6X16.5mm	2
	14	370850	Indicator,Oil	1
	15	10724	Short Tube	1
	16	84882	Separator	1
	17	84883	Pcv Vlv Asy	1
	18	84884	Hose	1
	19	39703-2	Filter Element, Oil	1
	20	54333	Clamp, Hose, Wormdrive	2

Fig. 2 - Gaskets Group

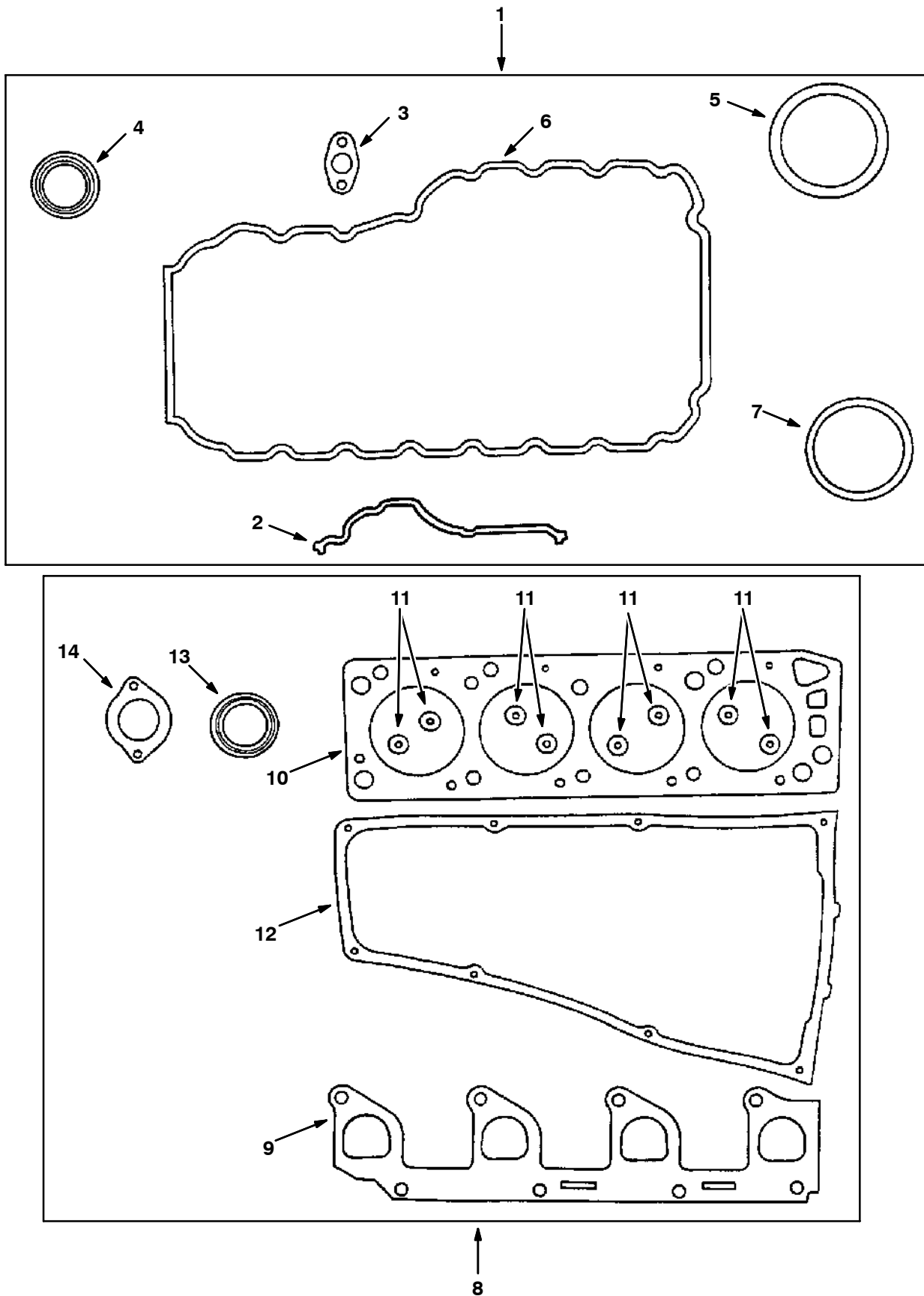
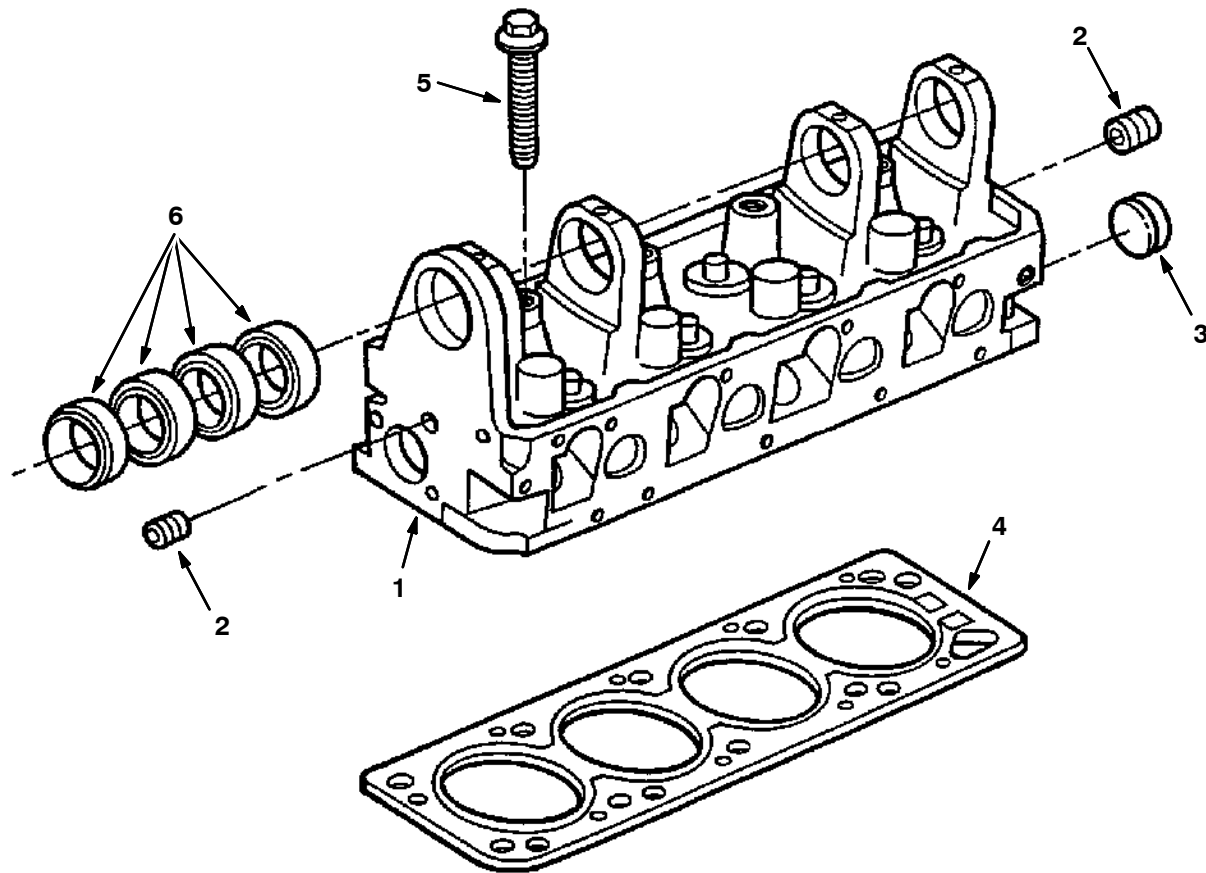


Fig. 2 - Gaskets Group

	Ref.	Part No.	Description	Qty.
▽	1	370851	Gskt Kit, Lower	1
▲	2	84896	Gskt, Frnt Cvr	1
▲	3	84887	Gskt, Pmp/Putube	1
▲	4	60833	Oil Seal, Front	1
▲	5	60834	Seal, Rear	1
▲	6	84889	Gasket, Oil Pan	1
▲	7	84983	Gskt, Water Pump	1
▽	8	84891	Gskt Kit, Upper	1
▲	9	84991	Gskt, In. Manfld	1
▲	10	60806	Gasket, Head	1
▲	11	84958	Seal, Valve Stem	8
▲	12	73995	Gskt, Rockr Cvr	1
▲	13	60833	Oil Seal, Front	1
▲	14	74538	Gskt-Waterout	1

2.5L ENGINE BREAKDOWN

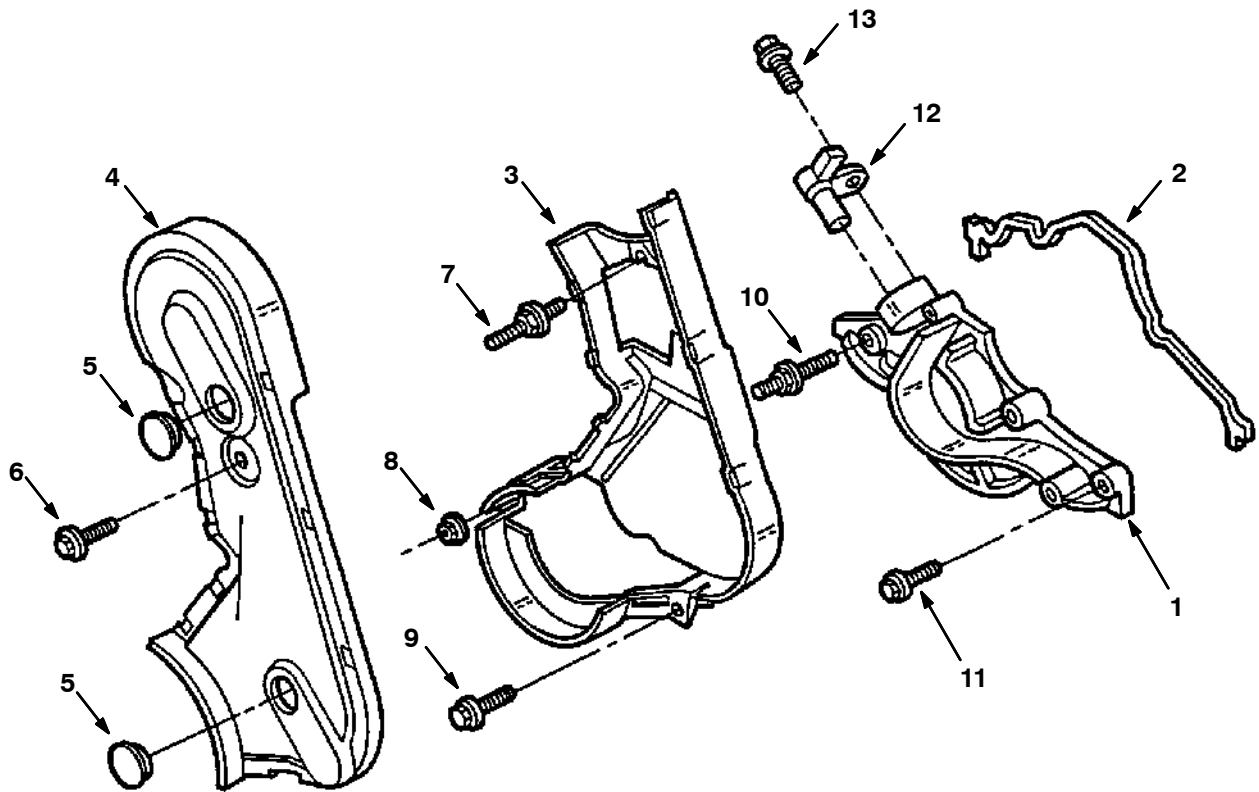
Fig. 3 - Cylinder Head Group



10445 - 800L, 8410, G, LP

Ref.	Part No.	Description	Qty.
1	84907	Head-W/O Valves	1
2	36268	Plug 1/4 Npt	2
3	84910	Plug,1.50 Cup	1
4	60806	Gasket, Head	1
5	73927	Bolt M12	10
6	60817	Bearing Cam,	4
6	73936	Bearing, .016 Camshaft	-

Fig. 4 - Cylinder Front Cover Group



10446 - 800L, 8410, G, LP

Ref.	Part No.	Description	Qty.
1	84895	Lower Cover	1
2	84896	Gskt,Front Cvr	1
3	84897	Inner Cover	1
4	84898	Outer Cover	1
5	74536	Plug	2
6	84899	Bolt, M8 X 17 Schd	1
7	84900	Stud,M8X51.0mm	1
8	84901	Nut, M6	1
9	84902	Scr&Wsh,M6X22.5	1
10	84903	Stud,M6X61.8mm	1
11	84904	Bolt,M6X37.5mm	3
12	84905	Sensor,Crnksft	1
13	84906	Screw,M6X22.5mm	1

Fig. 5 - Starter Breakdown

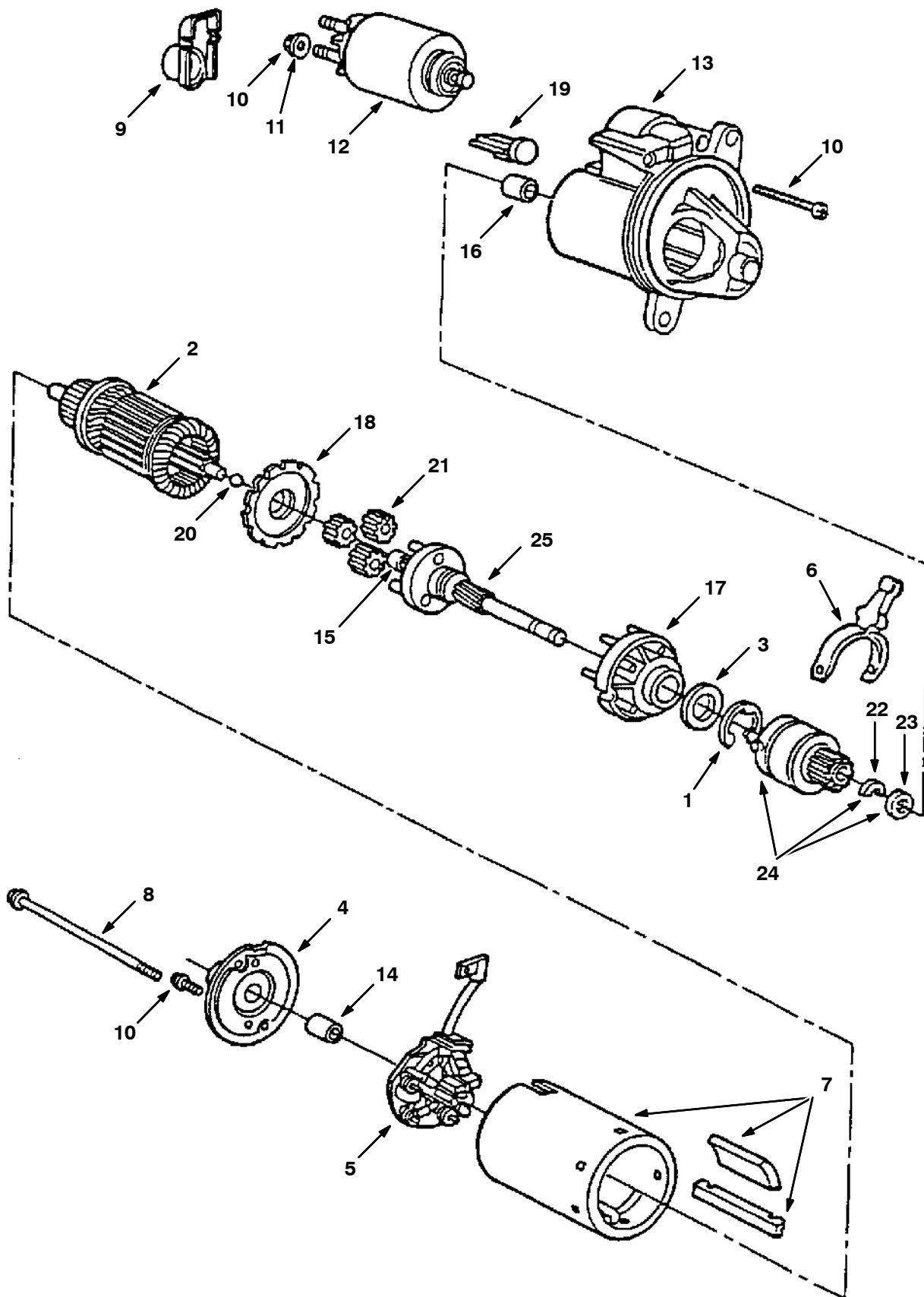


Fig. 5 - Starter Breakdown

	Ref.	Part No.	Description	Qty.
▽		60938	Motor, Starting, Perm Mag, 12V	1
▲	1	79640	Retaining Ring	1
▲	2	84999	Armature	1
▲	3	79956	Washer	1
▲	4	79628	Plate & Brg	1
▲	5	79629	Brush Holder	1
▲	6	79630	Lever	1
▲	7	79631	Frame&Mag.As	1
▲	8	79632	Bolt-Thru	2
▲	9	79970	Term.Cover	1
▲▽	10	79633	Kit-Attaching	1
▲▲	11	79957	Nut&Washer,M8	1
▲	12	370829	Solenoid	1
▲	13	79634	Hsg W/Brg	1
▲	14	79635	Bearing	1
▲	15	79960	Planet Bearing	3
▲	16	79961	Bearing	1
▲	17	79962	Statnry Gear	1
▲	18	79963	Retnr.Gear	1
▲	19	79964	Seal	1
▲	20	79965	Arm.Thr.Ball	1
▲	21	79966	Gear Assy	3
▲	22	79636	Ring-Drv.Stop	1
▲	23	79967	Retainer	1
▲	24	79638	Drive Assy	1
▲	25	79969	Shft Asy,Output	1

Fig. 6 - Oil Pan Group

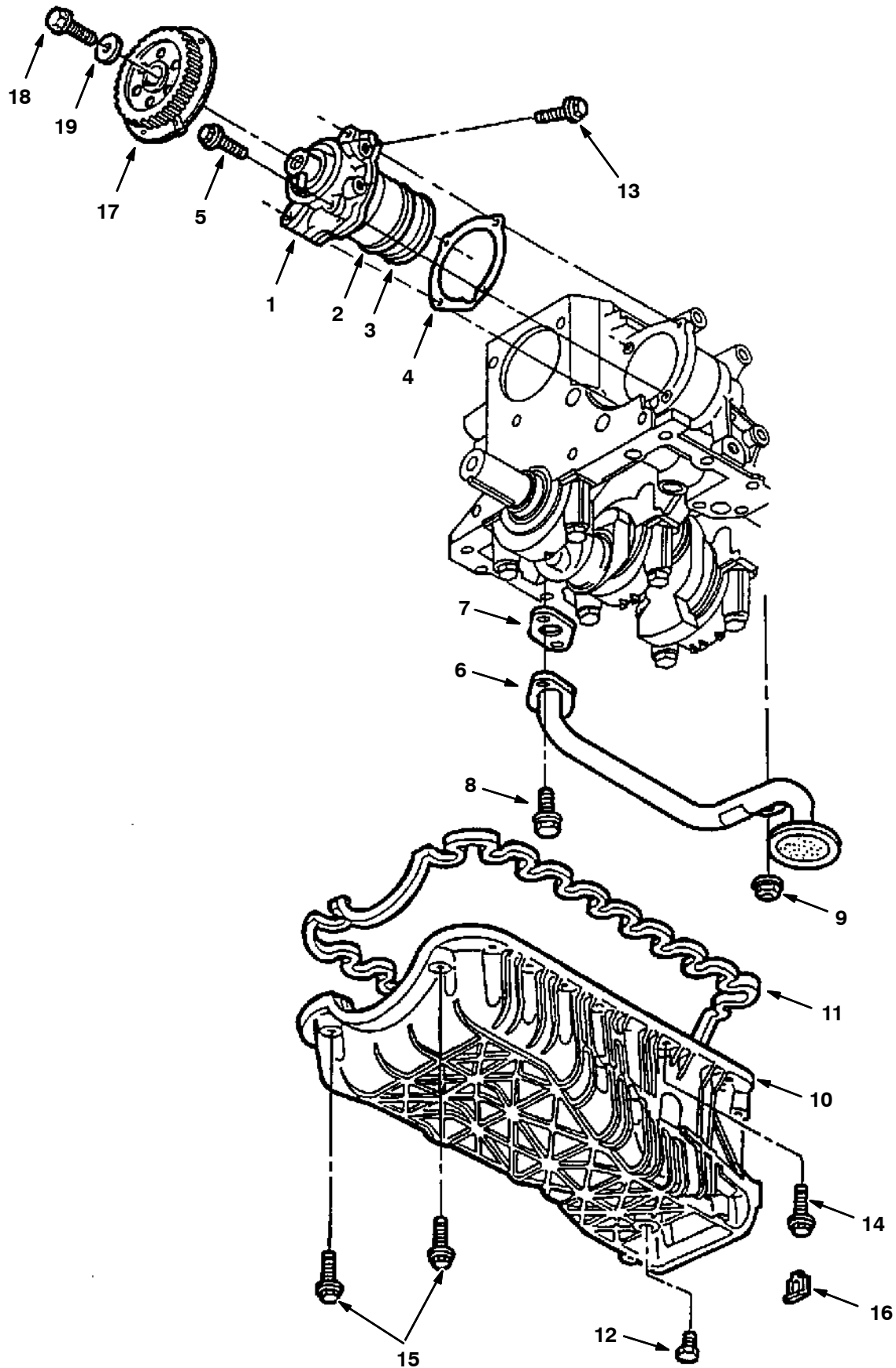


Fig. 6 - Oil Pan Group

Ref.	Part No.	Description	Qty.
1	84963	Oil Pump	1
2	84964	O-Ring,2.375	1
3	84965	O-Ring-2.250	1
4	84966	Gskt,Oilpmp/Blk	1
5	84967	Bolt,M6X47.5mm	4
6	370852	Oil Pickup Tube	1
7	84969	Gskt,Pu Tube	1
8	84970	Bolt,M8X20.0mm	2
9	84971	Nut,M10	1
10	370853	Oil Pan Assy	1
11	84889	Gasket,Oil Pan	1
12	370854	Oil Plug	1
13	84981	Bolt,M5X20.0M	2
14	84973	Bolt,M6X27.5mm	16
15	84974	Bolt,M6X52.5mm	2
16	84975	Oil Pan Spacer	-
16	84976	Oil Pan Spacer	-
16	84977	Oil Pan Spacer	-
17	84978	Oil Pmp Sprkt	1
18	84979	Bolt,M10X40.0mm	1
19	74561	Washer	1

Fig. 7 - Crankshaft Group

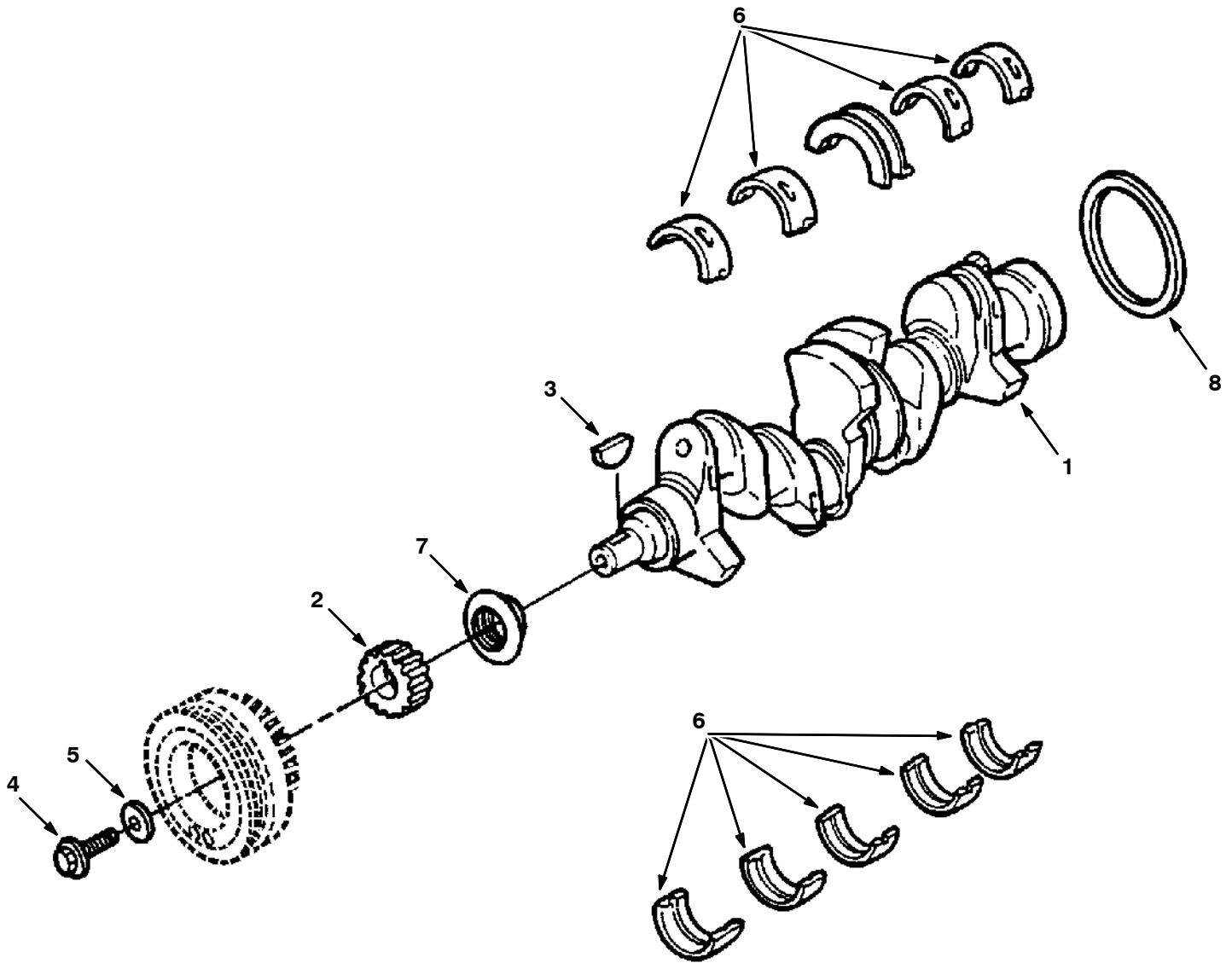


Fig. 7 - Crankshaft Group

Ref.	Part No.	Description	Qty.
1	370855	Crankshaft Asy	1
2	84924	Crnksft Sprckt	1
3	84925	Crnkshaft Key	1
4	84926	Bolt,M14X55.0M	1
5	84927	Wash M15 1.53Od	1
6	388555	Bearing Kit, Cshft [Fd]	1
7	60833	Oil Seal, Front	1
8	60834	Crnksft Seal-Rear	1

Fig. 8 - Manifolds Group

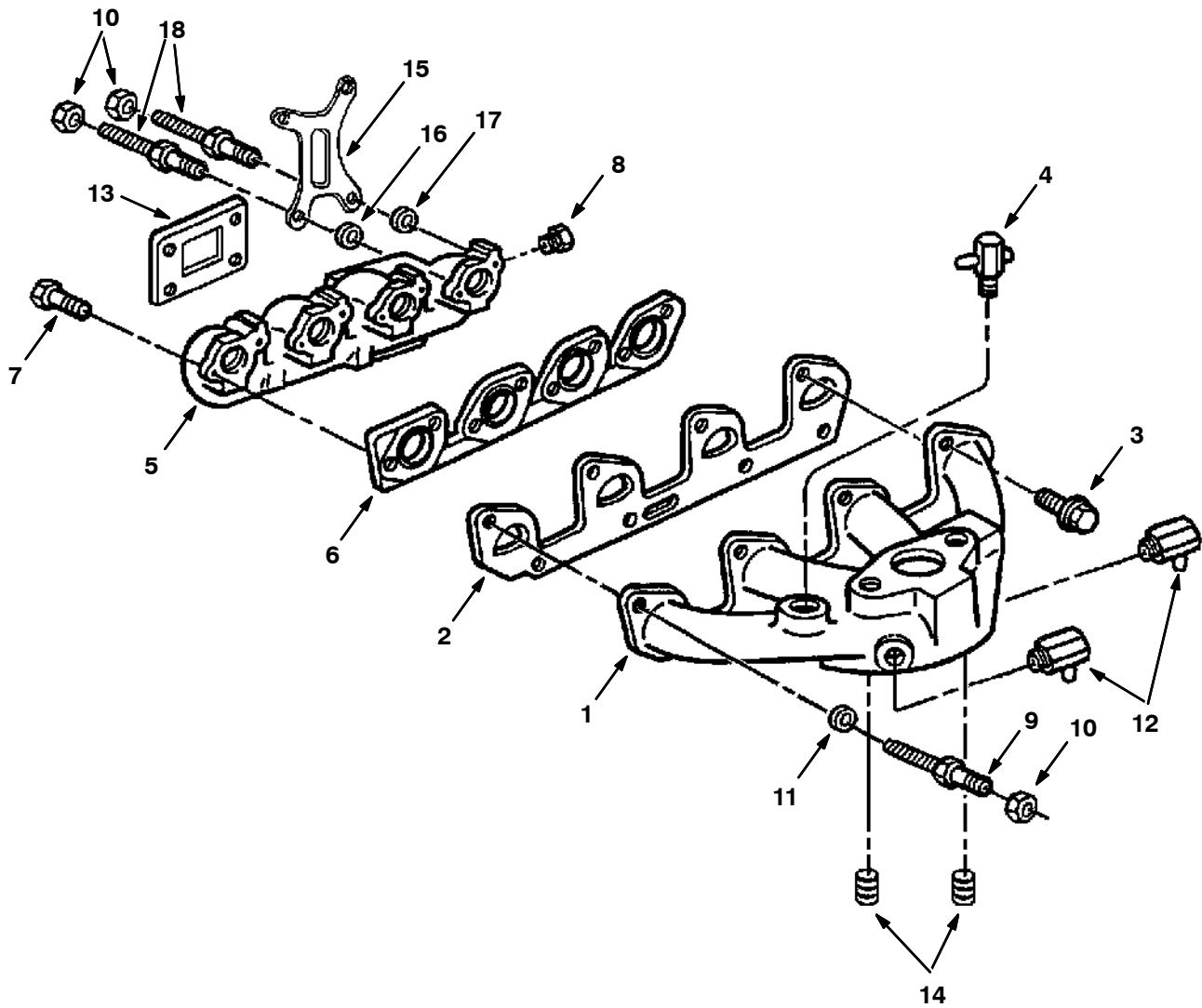


Fig. 8 - Manifolds Group

Ref.	Part No.	Description	Qty.
1	84990	Int.Manifold	1
2	84991	Gskt,Int.Mnflid	1
3	84992	Bolt,M8X25.0mm	7
4	74527	Vac.Fitting	1
5	74509	Exh.Manifold	1
6	84995	Gskt,Exh.Mnflid	1
7	84996	Bolt,M10X55.0M	6
8	84997	Plug, 1/2Npt	1
9	79972	Stud	1
10	79973	Nut M8-1.25	3
11	79974	Spacer	1
12	84985	Elbow,90 deg	2
13	36048	Gasket, Exh. Flange	1
14	73917	Plug 3/8 NPT	2
15	79976	Lifting Eye	1
16	21792	Spacer	1
17	21793	Spacer	1
18	21794	Stud	2

Fig. 9 - Flywheel Group

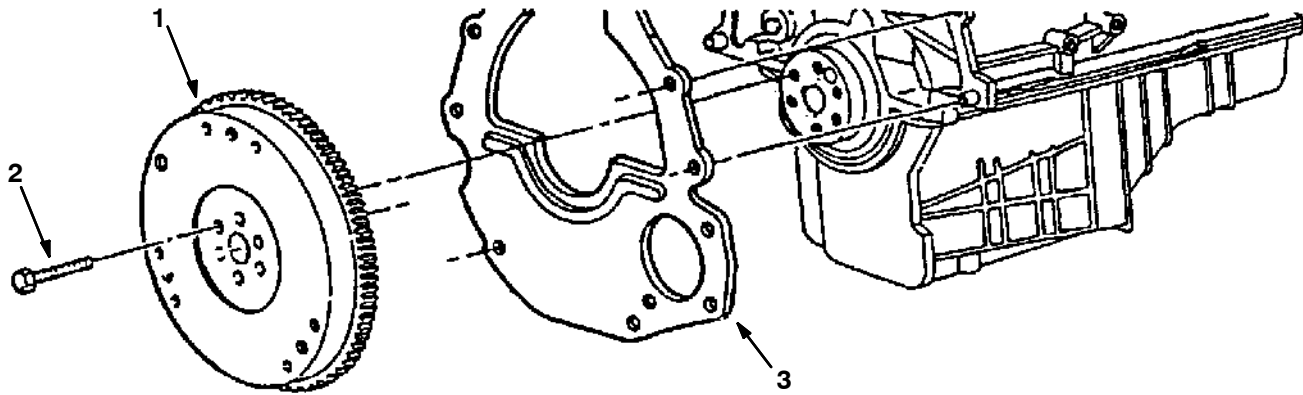


Fig. 9 - Flywheel Group

	Ref.	Part No.	Description	Qty.
▽	1	370102	Flywheel	1
▲		84659	Gear, Ring [Fd]	1
	2	64038	Bolt,M10X58.0mm	6
	3	83669	Rear Plate	1

2.5L ENGINE BREAKDOWN

Fig. 10 - Camshaft And Sprocket Group

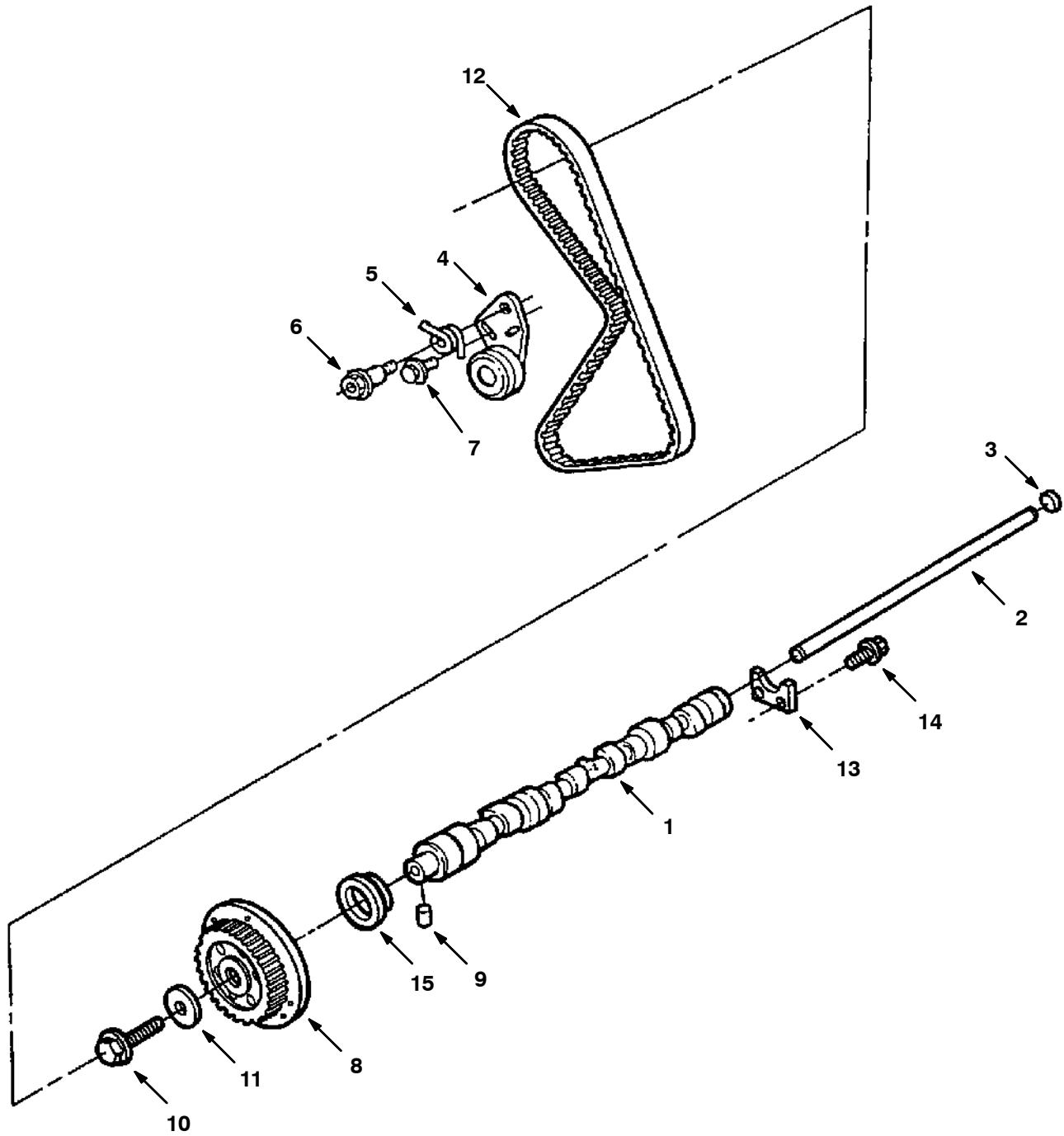


Fig. 10 - Camshaft And Sprocket Group

Ref.	Part No.	Description	Qty.
1	84915	Camshaft	1
2	84916	Rod	1
3	84917	Plug	1
4	73967	Tensioner, Arm	1
5	73970	Spring, Tension	1
6	84919	Bolt, Tens. Sprn	1
7	74552	Bolt	1
8	84978	Camshft Sprckt	1
9	84921	Pin, 1/4X.32	1
10	74545	Bolt M12X45	1
11	73937	Washer	1
12	84936	Timing Belt	1
13	73954	Plate	1
14	74548	Scr&Wash M6	2
15	60833	Oil Seal, Front	1

Fig. 11 - Valve And Rocker Arm Cover Group

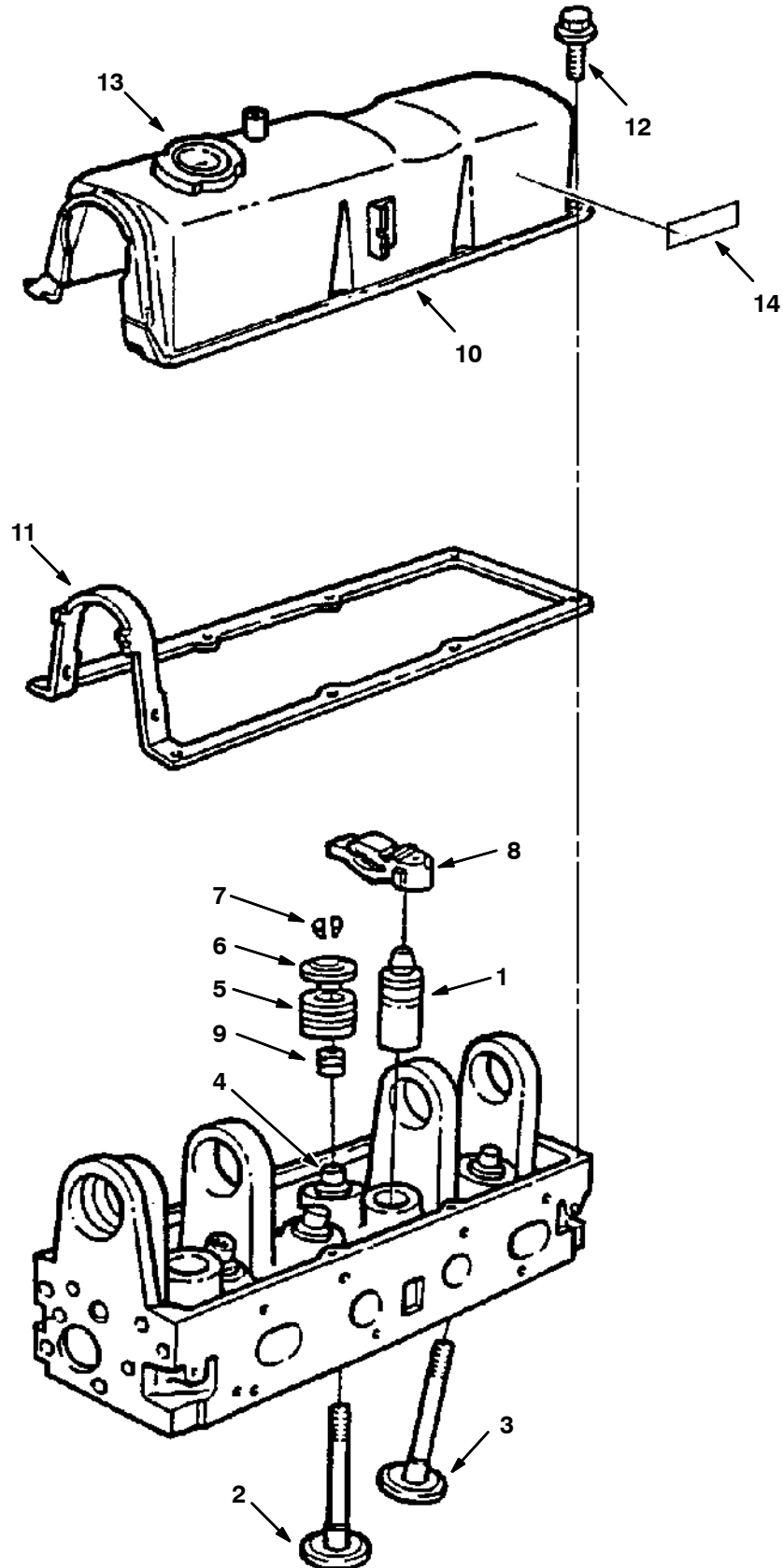
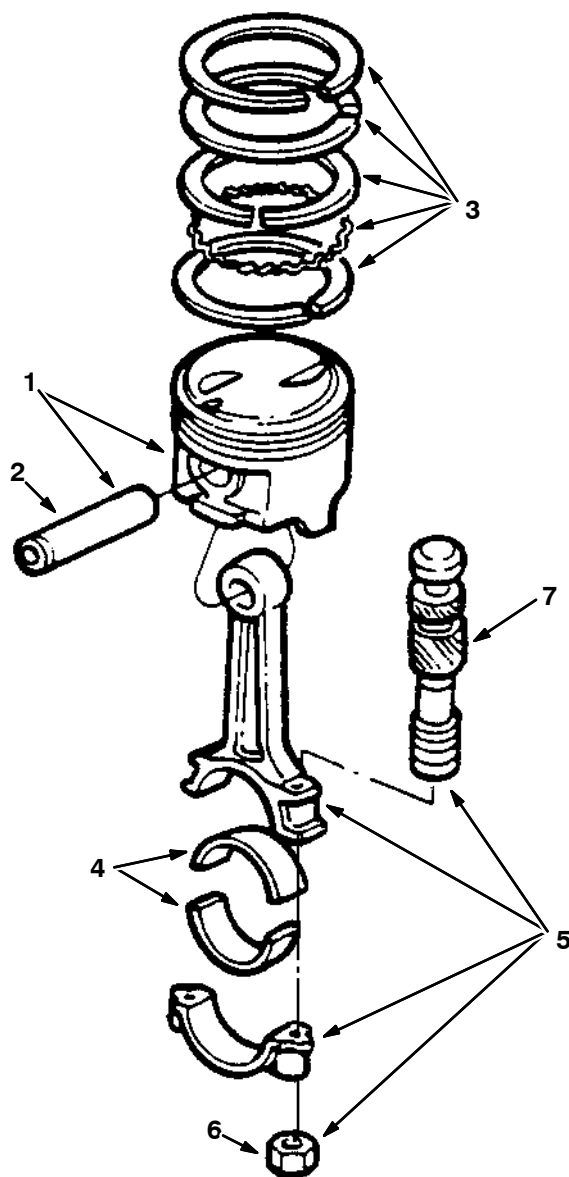


Fig. 11 - Valves And Rocker Arm Cover Group

Ref.	Part No.	Description	Qty.
1	84950	Tap.Assy-Valve	8
2	84951	Std.Exh.Valve	4
3	84952	Std.Int.Valve	4
4	84953	Valve Guide Bushing	-
5	84954	Valve Spring	8
6	84955	Valve Spring Retainer	8
7	84956	Valve Spring Key	16
8	84957	Valve Rocker Arm	8
9	84958	Valve Stem Seal	8
10	370876	Valve Rocker Arm Cover	1
11	73995	Gasket,Rocker Cover	1
12	84961	Scr&Wsh,M6X15.0M	8
13	60836	Breather Cap	1
14	36164	Warning Label, Starter	1

2.5L ENGINE BREAKDOWN

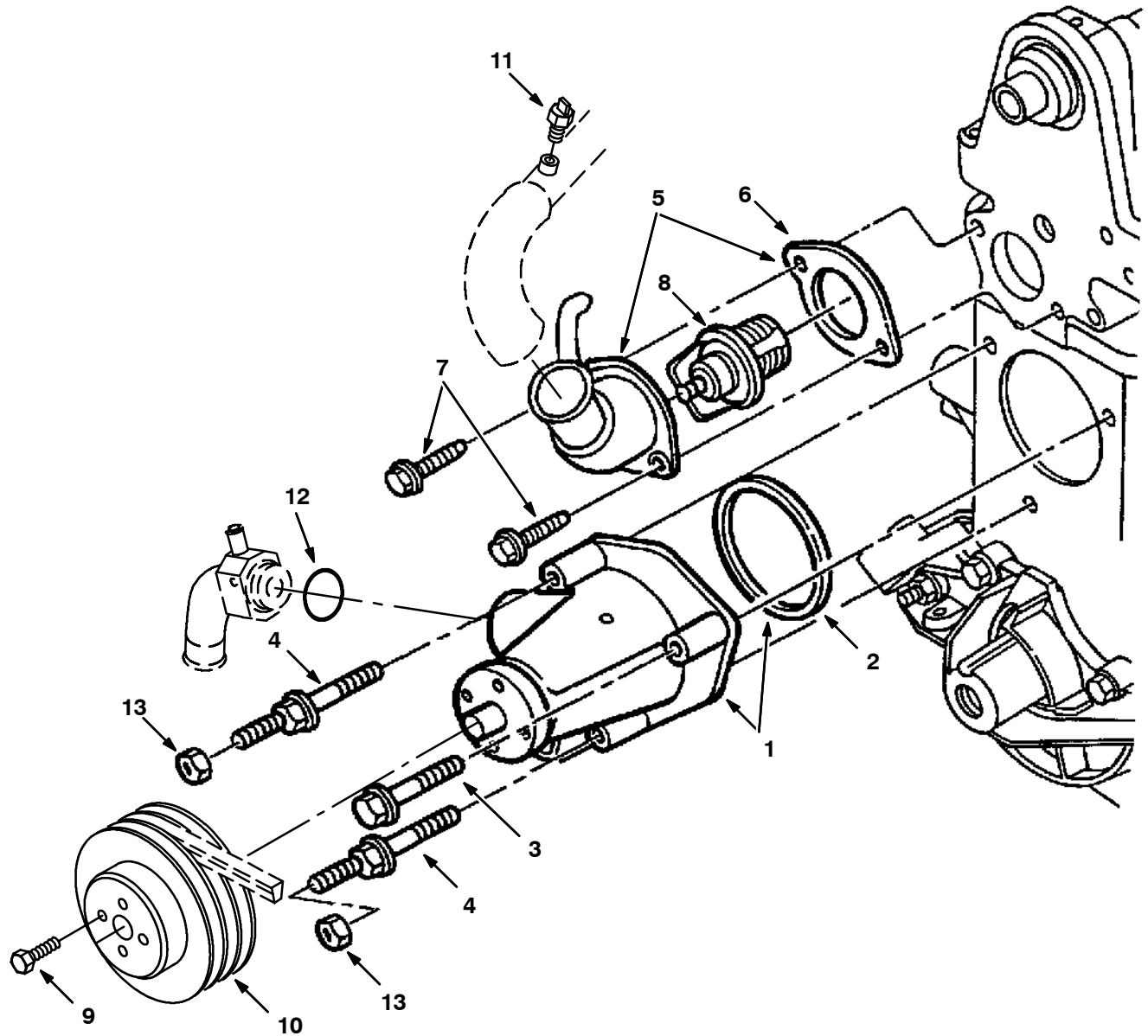
Fig. 12 - Piston And Connecting Rod Group



10447 - 800L, 8410, G, LP

Ref.	Part No.	Description	Qty.
1	370888	Piston, Std.	4
2	370889	Piston Pin	4
3	370890	Ring Set, Std.	2
4	370891	Bearing	8
▽ 5	370892	Connecting Rd	4
▲ 6	60813	Nut, Conrod-8	8
▲ 7	60814	Bolt-Conrod-4	8

Fig. 13 - Water Pump, Thermostat and Fan Group

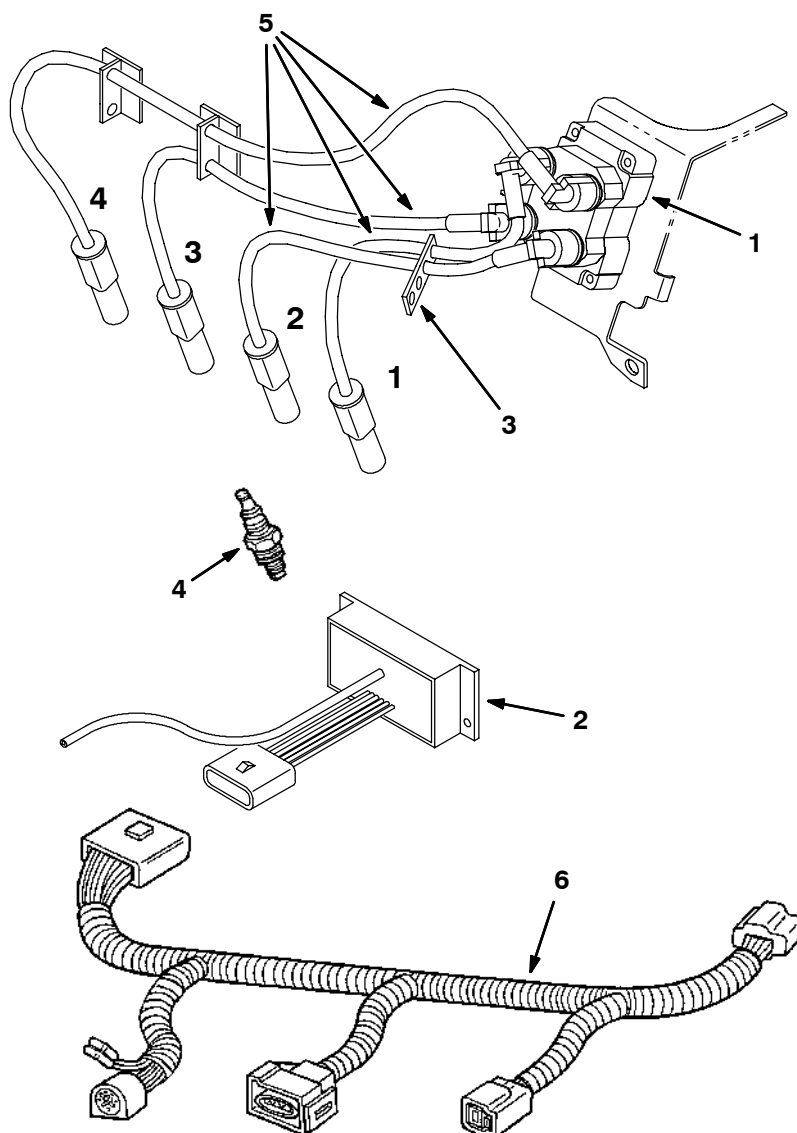


10528 - 800L, 8410, G, LP

Ref.	Part No.	Description	Qty.
▽ 1	84982	Water Pump	1
▲ 2	84983	Gskt, Water Pump	1
3	84984	Bolt, M8X53.0mm	1
4	84998	Stud	2
▽ 5	73996	Water Outlet	1
▲ 6	74538	Gasket Water Outlet Connection	1
7	84988	Bolt, M8X18.0M	2
8	84987	Therm 190 W/Gsk	1
9	84994	Bolt, M8X12.0mm	1
10	36014	Sheave, Water Pump	1
11	84989	Temperature sensor	1
12	79975	O-Ring, Water Pump Adaptor	1
13	84993	Locknut	2

2.5L ENGINE BREAKDOWN

Fig. 14 - Ignition Group



10524-350562 - 800L, 8410, G, LP

Ref.	Part No.	Description	Qty.
1	83732	Ignition Coil	1
2	374274	Ignition Module Kit	1
3	84882	Separator	1
4	60846	Spark Plug	4
5	83677	Wire Asy, Spark Plug	1
6	370875	Harness, Wire, Eng	1

SECTION 7

Contents	Page
Fig. 1 - Cylinder Head, Valves Group	7-2
Fig. 2 - Distributor and Ignition Group	7-4
Fig. 3 - Engine Block and Piston Group	7-6
Fig. 4 - Oil Pump and Oil Pan Group	7-8
Fig. 5 - Crankshaft Group	7-10
Fig. 6 - Camshaft and Water Pump Group	7-12

Fig. 1 - Cylinder Head, Valves Group

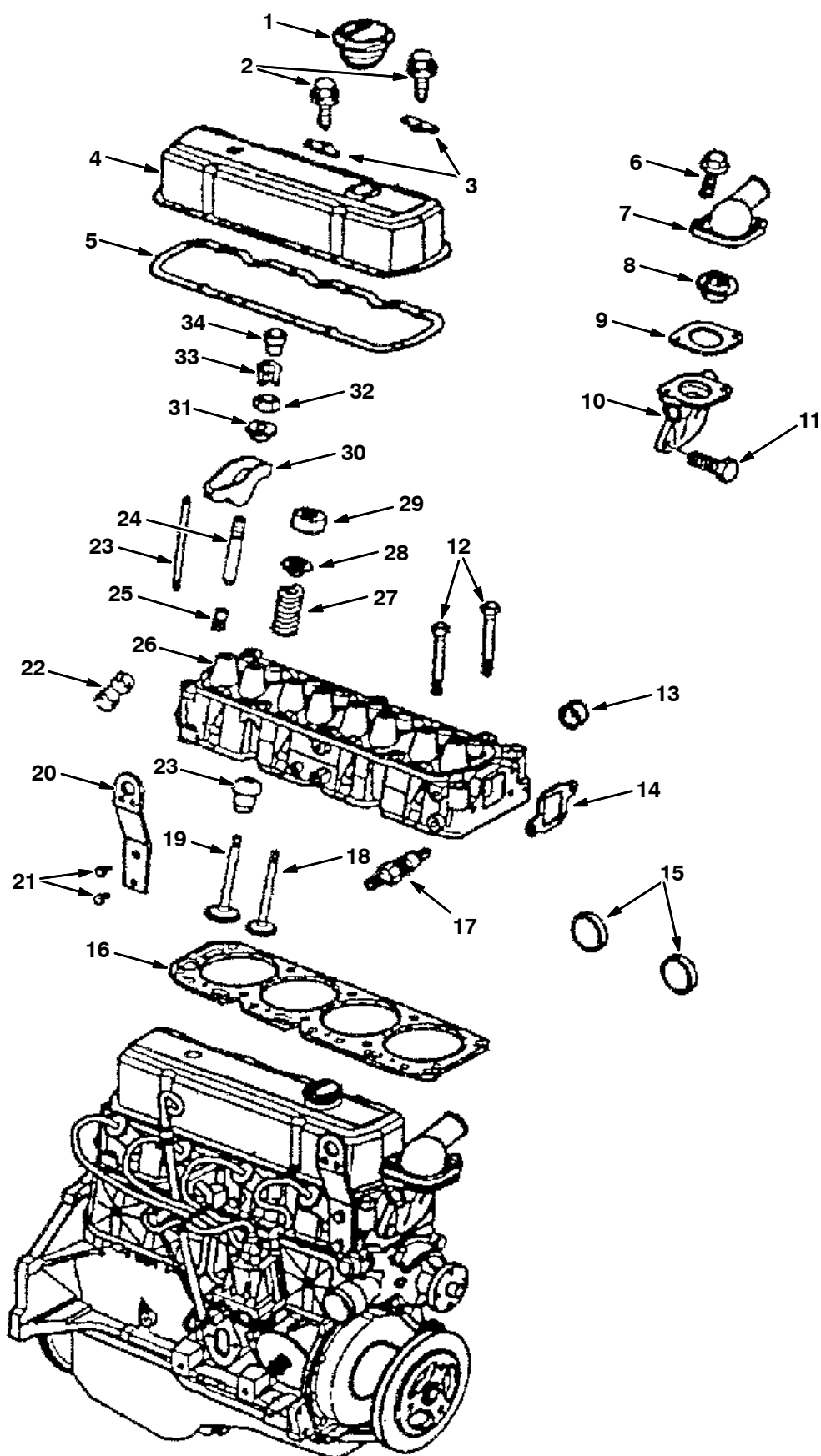


Fig. 1 - Cylinder Head, Valves Group

Ref.	Part No.	Description	Qty.
1	371891	Cap, Fill, Oil	1
2	393824	Bolt	-
3	393895	Reinforcement	-
4	393896	Cover	1
5	393897	Gasket	-
6	393898	Bolt	3
7	393899	Outlet For engine serial numbers (004937-006999)	1
8	393900	Thermostat	1
9	393901	Gasket	1
10	393902	Housing	1
11	393898	Bolt	3
12	393903	Bolt	-
13	393904	Plug	2
14	393917	Gasket	1
15	393918	Plug	-
16	393933	Gasket	1
17	393934	Spark Plug	4
18	393935	Valve, Exhaust	4
19	393936	Valve, Intake	4
20	393937	Bracket	1
21	393938	Bolt	8
22	393951	Lifter	8
23	393952	Rod	8
24	393953	Stud, .003" O.S.	8
24	393954	Stud, .013" O.S.	8
25	393955	Sealer	8
26	393956	Head	1
27	393957	Spring	8
28	393958	Cap, Valve Spring	8
29	393959	Shield	12
30	393960	Arm Kit	8
31	393961	Ball	8
32	393962	Nut	8
33	393963	Key	16
34	393964	Rotator	4

Fig. 2 - Distributor and Ignition Group

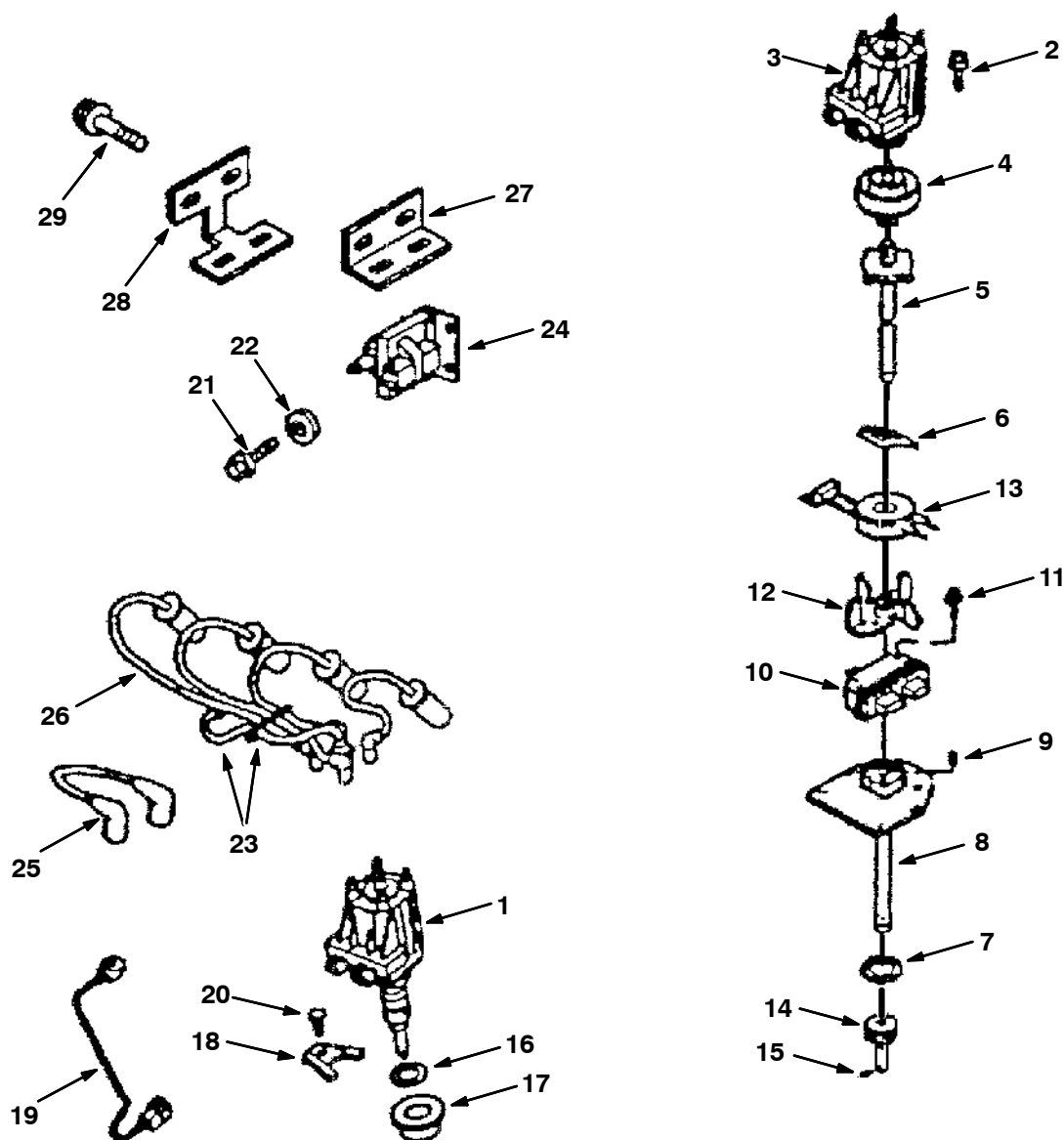


Fig. 2 - Distributor and Ignition Group

	Ref.	Part No.	Description	Qty.
▽	1	393939	Distributor	1
▲	2	393919	Bolt	2
▲	3	393920	Cap, Distributor	1
▲	4	393921	Rotor	1
▲	5	393922	Shaft	1
▲	6	393923	Retainer	1
▲	7	393924	Sealer	1
▲	8	393925	Housing	1
▲	9	393926	Pin	1
▲	10	393927	Module	1
▲	11	393928	Bolt	2
▲	12	393929	Pole Piece	1
▲	13	393930	Coil	1
▲	14	393931	Gear	1
▲	15	393932	Pin	1
	16	393940	Gasket	1
	17	393941	Washer	1
	18	393942	Clamp	1
	19	393943	Wire	1
	20	393898	Bolt	3
	21	21194	Screw, Hex, .38-16 X 0.62, 5	1
	22	393946	Washer	2
	23	393947	Retainer	-
	24	393948	Coil	1
	25	393949	Wire	1
	26	393950	Spark Plug Wires	1
	27	393965	Bracket, Top	1
	28	393966	Bracket, Bottom	1
	29	393967	Bolt	-

Fig. 3 - Engine Block and Piston Group

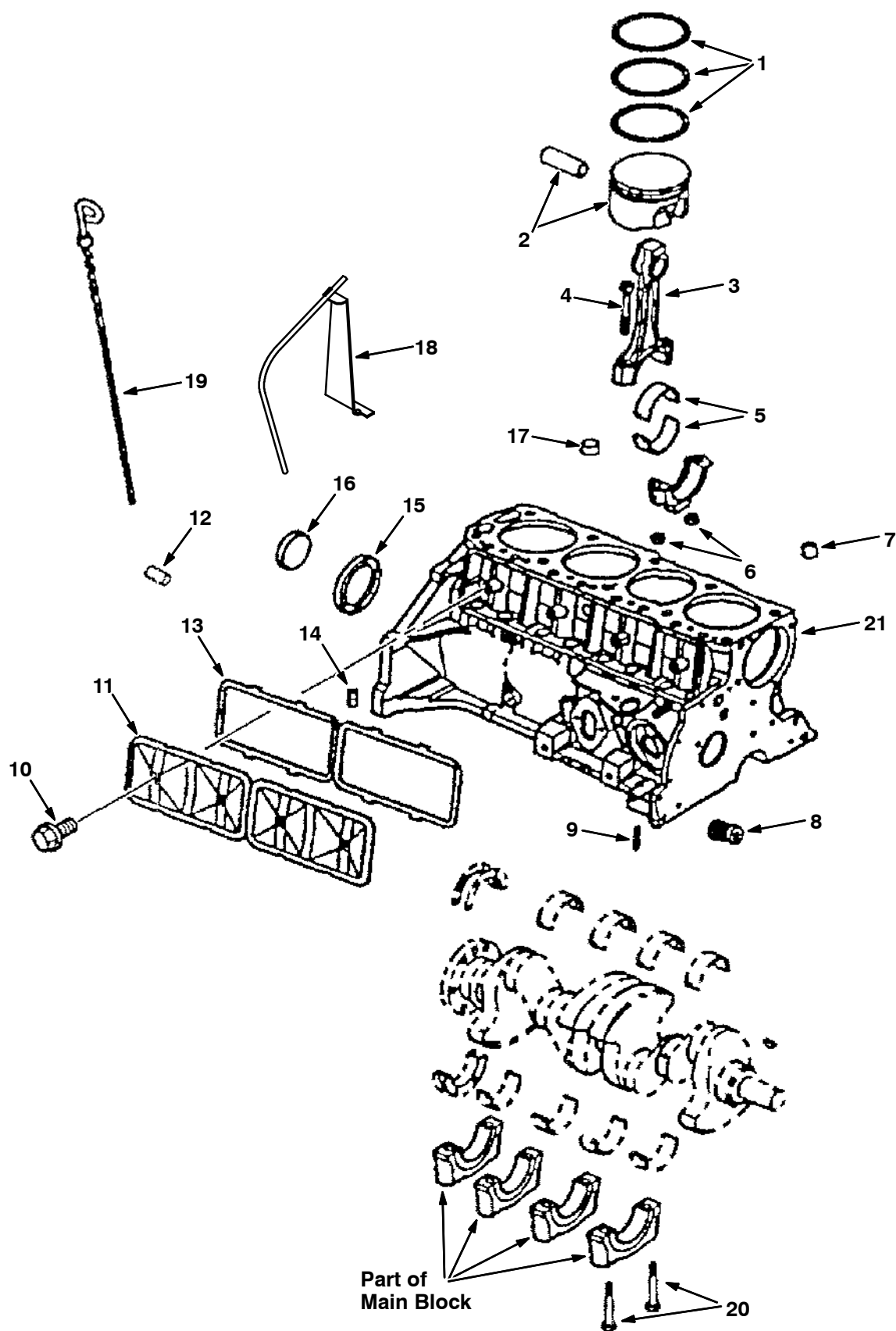


Fig. 3 - Engine Block and Piston Group

Ref.	Part No.	Description	Qty.
1	393806	Ring Kit, Std	4
1	393807	Ring Kit, .030" O.S.	4
2	393808	Piston, STD	4
2	393809	Piston, Hi-limit	4
2	393810	Piston, .020" O.S.	4
3	393811	Conn Rod	4
4	393812	Bolt	8
5	393813	Bearing Kit, Std	4
5	393814	Bearing Kit, .001 U.S.	4
6	393815	Nut, Conn Rod	8
7	393816	Bearing Kit	1
8	393832	Valve	1
9	393833	Pin	8
10	393882	Bolt	4
11	393883	Cover	1
12	393884	Pin	2
13	393662	Sealant, [Rtv], 03.35oz	-
13	393663	Sealant, [Rtv], 05.00oz	-
14	393886	Plug	1
15	393888	Plug	1
16	393889	Plug	-
17	393890	Plug	1
18	372464	Tube, Ds	1
19	372251	Dipstick	1
20	393872	Bolt	10
21	393887	Engine, Partial (Includes block, pistons, rods, crankshaft, bearings, rear seal gasket)	1

Fig. 4 - Oil Pump and Oil Pan Group

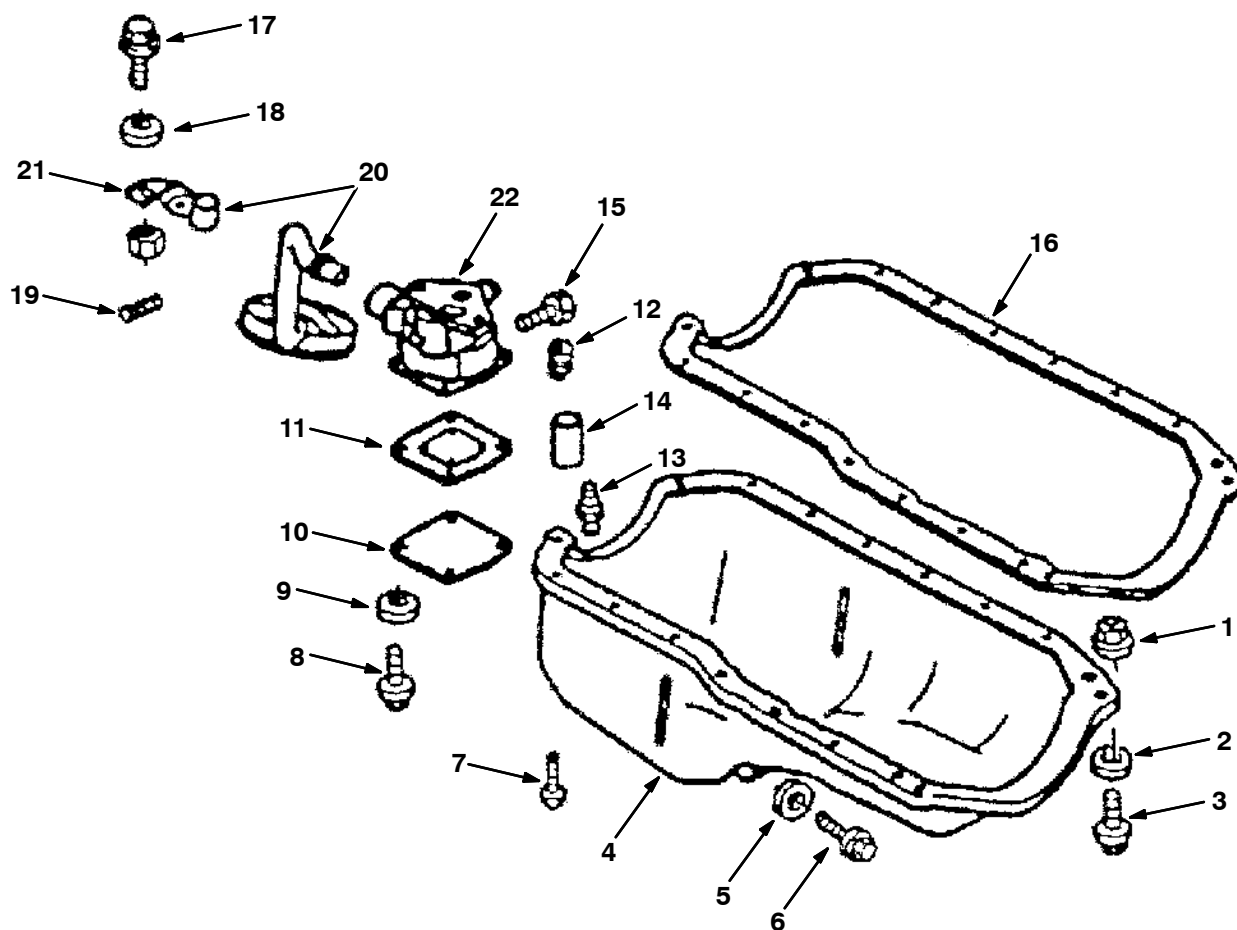


Fig. 4 - Oil Pump and Oil Pan Group

	Ref.	Part No.	Description	Qty.
	1	393848	Nut	-
	2	393849	Washer	-
	3	393850	Bolt	-
▽	4	393853	Oil Pan	1
▲	5	393852	Gasket	1
▲	6	393851	Plug	1
	7	393824	Bolt (1/4-20x1/2)	2
	7	393850	Bolt (1/4-20x.62)	2
	7	393854	Bolt (5/16-18x5/8)	12
	8	393855	Screw	4
	9	393849	Washer	4
	10	393856	Cover	1
	11	393857	Gasket	1
	12	393858	Spring	1
	13	393859	Plug	1
	14	393860	Valve	1
	15	393861	Bolt	3
	16	393862	Gasket	1
	17	393867	Bolt	-
	18	393868	Washer	-
	19	393869	Pin	1
	20	393871	Screen, w/Tube	1
▽	20	393870	Screen, w/Suction Pipe	1
▲	21	393865	Bracket	1
	22	393863	Pump	1

Fig. 5 - Crankshaft Group

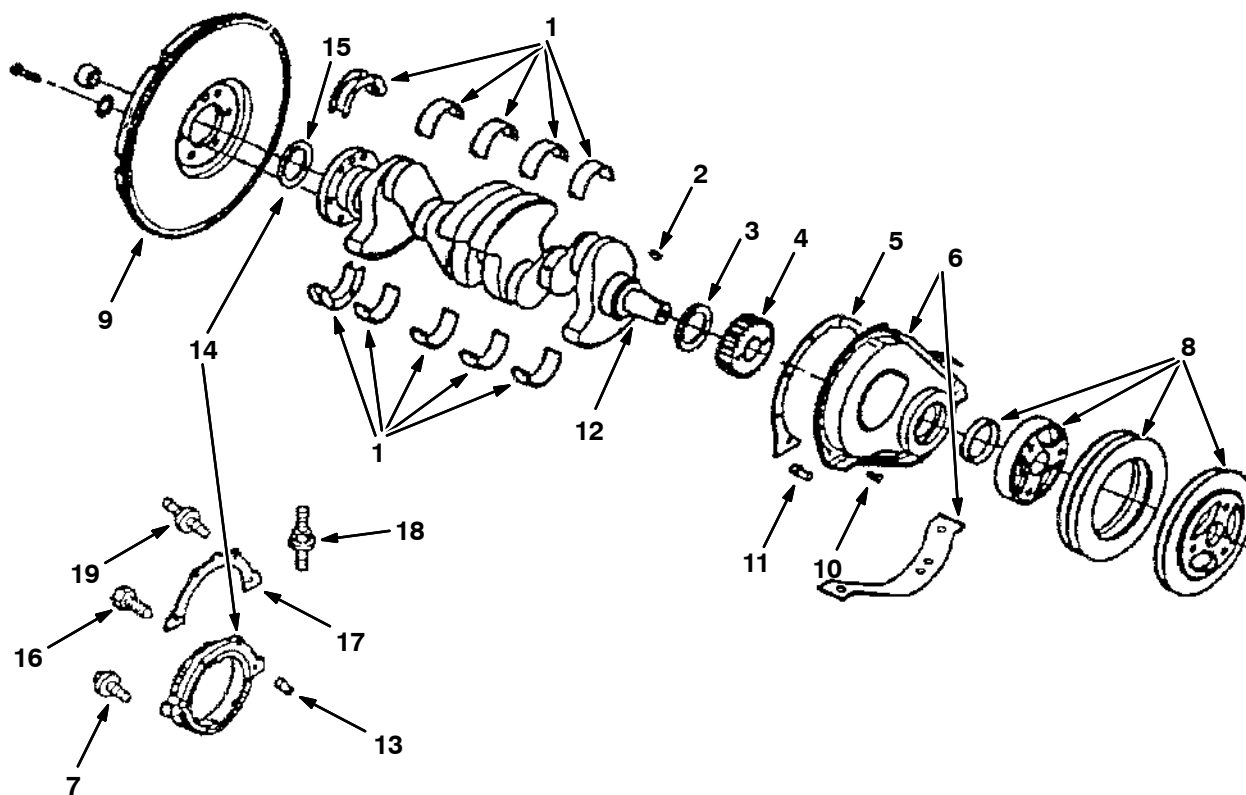
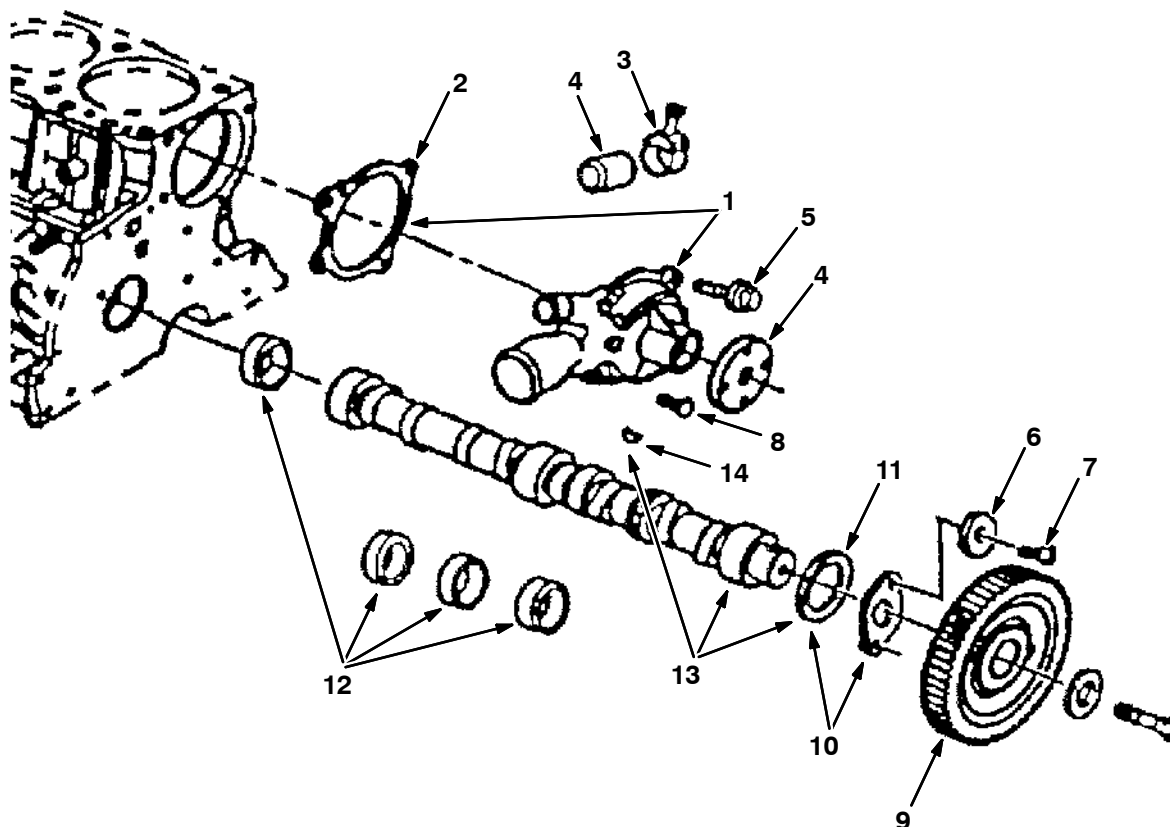


Fig. 5 - Crankshaft Group

Ref.	Part No.	Description	Qty.	
1	393837	Bearing Kit, Std #1, 2, 3, 4	4	
1	393838	Bearing Kit, .001" #1, 2, 3, 4	4	
1	393839	Bearing Kit, .010" #1, 2, 3, 4	1	
1	393840	Bearing Kit, .020" #1, 2, 3, 4	1	
1	393841	Bearing Kit, .030" #1, 2, 3, 4	1	
1	393836	Bearing Kit, Std #5	4	
1	393834	Bearing Kit, .001" #5	4	
1	393835	Bearing Kit, .025" #5	4	
2	393826	Key	1	
3	393842	Seal	1	
4	393843	Gear	1	
5	393844	Gasket	1	
6	393845	Cover	1	
7	393875	Bolt	-	
8	393846	Balancer	1	
9	393881	Gear	1	
10	393824	Bolt	8	
11	393864	Nozzle	1	
12	393866	Crankshaft	1	
13	393873	Pin	1	
▽	14	393874	Housing	1
▲	15	393880	Seal	1
	16	393876	Bolt	-
	17	393877	Gasket	1
	18	393878	Stud	1
	19	393879	Stud	2

Fig. 6 - Camshaft and Water Pump Group


G, LP

	Ref.	Part No.	Description	Qty.
▽	1	393820	Water Pump	1
▲	2	393817	Gasket	1
	4	393818	Cap	1
	3	393819	Clamp	1
	5	393821	Bolt	1
	6	393822	Washer	1
	7	393823	Bolt (1/4-20x1/12 Hex)	1
	7	393824	Bolt (1/4-20x1/12)	3
	8	393825	Bolt (5/16-18x1.5 Hex)	2
	9	393827	Gear	1
▽	10	393828	Plate Kit	1
▲	11	393829	Ring	3
	12	393830	Bearing Kit	1
▽	13	393831	Camshaft	2
▲	14	393826	Key	1

SECTION 8

CONTENTS	PAGE
PART NUMBER TO PAGE NUMBER CROSS REFERENCE LIST	8-2
PART DESCRIPTION TO PAGE NUMBER CROSS REFERENCE LIST	8-17

CROSS REFERENCE

PART NUMBER TO PAGE NUMBER CROSS REFERENCE LIST

Part Number	Page Number	Part Number	Page Number	Part Number	Page Number
MM337	3-84	06966	3-55	09770	2-162, 3-28
00500-15	4-32	06968	2-48, 2-169	09806	2-228
00954	4-34	06969	2-135	1007162	2-51, 2-53
00960	4-35	06972	2-43, 2-45, 2-47	1007343	3-51
01274	2-31	06993	2-137	1008094	2-51, 2-53, 2-55, 3-67
01685	2-27, 2-57, 3-37	06995	2-137	1008510	3-51
01686	2-35	07274	3-67	1008512	3-51
01691	3-37	07449	2-145	1008513	2-53, 3-51, 3-67
01706	2-101	07562	2-83, 2-85, 2-87, 2-91	1008519	3-51, 3-67
01987	2-151, 2-153	07592	2-51, 2-53, 2-55	1008538	2-55, 3-51, 3-67
01997	2-71	07787	2-161, 3-28	1008988	2-107
01999	3-31	07788	2-15	1011011	2-215
02247	2-73, 2-127, 2-129, 2-131	07789	2-71	1011015	2-216
02506-6	3-74	07790	2-19, 2-115, 2-117, 2-127, 2-129, 2-131, 2-145, 2-157, 2-162, 3-27	1011017	2-216
02549	2-151	07791	2-27, 2-43, 2-45, 2-47, 2-53, 2-55, 2-89, 2-93, 2-115, 2-117, 2-133, 2-165, 3-23, 3-67	1011107	2-107, 2-109
02713	2-177	07792	2-9, 2-11, 2-161, 2-166, 2-169, 3-23, 3-28, 3-51	1011216	2-99, 2-101
02850	3-17	07793	2-135, 2-169	1011259	2-99
02931	2-169	07805	2-145	1011655	2-133
02938	3-79	07819	3-51	1011702	2-91, 2-93
03026	2-83, 2-85, 2-87, 2-89, 2-91, 2-93	07934	2-147	1011780	2-87, 2-89, 2-91, 2-93
03192	2-48, 2-99	08085	2-145, 2-159	1011788	2-135
03193	2-31, 2-166, 3-23	08166	2-99, 2-101	1011795	2-135
03922	2-175	08179	2-165	1011895	2-107, 2-109
04375	3-51, 3-55, 3-69	08180	2-139	1011899	2-87, 2-89, 2-91, 2-93
04414	2-13, 2-41, 2-43, 2-45, 2-47	08346	2-145	1011941	2-107
04483	4-44	08708	2-9, 2-11, 2-17, 2-19, 2-31, 2-35, 2-87, 2-91, 2-125, 2-133, 2-165, 2-175, 3-23	1011942	2-107
04706	2-179	08709	2-27, 2-89, 2-93, 2-115, 2-117, 2-127, 2-129, 2-131, 2-161, 2-166, 2-169, 2-175, 3-24, 3-28, 3-33, 3-51, 3-55, 3-69	1011943	2-107
04761	2-161, 3-27	08711	2-43, 2-45, 2-47, 2-48	1011944	2-99
04843	2-31, 3-71	08712	2-145	1011959	2-99
05611	2-177	08713	2-27	1012012	2-99
05880	2-95, 2-97	09010	2-165, 3-23	1012018	2-107
05881	2-95, 2-97	09011	2-27	1012033	2-225
06121	2-7	09028	2-35, 2-165, 3-23	1012110	2-107
06146	2-157	09081	2-161, 3-28	1012185	2-181
06474A	2-159	09092-1	3-43, 3-49, 3-59, 3-63	1012248	2-107
06524	2-17	09120	2-169	1012250	2-107
06535	2-161, 3-28	09164	2-35	1012469	2-107
06537	2-161, 3-51	09258	2-17, 2-19	1012634	3-83
06548	2-165, 3-23	09291	2-161, 3-27	1012656	2-171
06927	3-17	09570	2-107	1012657	2-171
06932	3-79	09718	2-137	1012670	2-181
06941	2-125	09740	2-27	1012677	2-107
06942	2-71, 2-115, 2-117			1012719	2-45
06943	2-19, 2-129, 2-131, 2-145, 2-157, 2-165, 2-175			1012720	2-45
06944	2-9, 2-11, 2-87, 2-91, 2-125, 2-162, 3-28			1012737	2-123
06946	2-9, 2-11, 2-133			1012754	2-89, 2-93
06948	2-65			1012785	2-135
06949	2-89, 2-93, 2-109			1012990	2-99
06957	2-166, 2-169, 3-24			1012999	2-99
06962	2-99, 2-101			1013030	2-107
06963	2-135			1013031	2-99, 2-101
06965	2-166, 3-23			1013086	2-107
				1013113	2-99
				1013116	2-99
				1013117	2-99
				1013344	2-89, 2-93
				1013350	2-63
				1013366	2-89, 2-93

CROSS REFERENCE

Part Number	Page Number	Part Number	Page Number	Part Number	Page Number
1013509	2-109	1030533	2-101	12316	2-113
1013588	2-99	1030582	3-55	12459	2-161, 3-27, 3-47, 3-49, 3-61, 3-63
1014411	2-45, 2-47	1030627	3-55, 3-69	12549	3-37
1014456	2-15	1030635	2-55	130041	2-73
1014491	2-159	1030654	3-55, 3-69	13048	2-59
1014595	2-107	1030657	3-55	13124	2-87
1017080	2-73	1030708	3-55, 3-69	13248	2-177
1017085	3-51	1030762	3-55, 3-69	13902	4-39, 4-43
1017102	3-51	1031853	2-19	13904	4-41, 4-43
1017218	2-145	1031961	2-47	13907	4-3, 4-7, 4-13, 4-17
1017239	2-73	1032032	2-93	13959	3-17
1017270	4-63, 4-65	1032075	2-7	14242	2-139
1017272	2-73	1032083	2-101	14296	2-41
1017292	3-51	1032142	2-101	14595-1	2-145
1017476	2-73	1032214	2-227	14605	2-145
1017477	2-73	1032382	2-57	150516	2-73
1017500	2-73	1032804	2-65	15331	2-173
1017515	3-51	1032805	2-79	15543	2-87, 2-91
1017575	2-5	1032812	2-109	15555-1	2-105
1017598	2-73	1032904	3-55, 3-69	15555-2	4-67, 4-69
1017662	2-73	1033344	2-131	15724	2-69
1017898	2-161, 3-27	1033497	2-131	16387	2-61, 2-63
1018063	2-127, 2-129, 2-131	1033739	2-101	16431	2-151, 2-153
1018573	2-45, 2-48	1033746	2-109	16455	2-159
1019188	2-127, 2-129	1033897	2-109	16456	2-25
1019513	2-53, 3-51, 3-67	1033899	2-109	16472	3-27
1019939	2-109	1034105	2-47	16694	4-33
1020982	2-145	1034676	2-109	16695	4-32, 4-33
1021797	3-49	1037311	2-79	16735	2-31, 2-53, 2-55, 2-99, 2-143, 3-67
1021799	3-49	1037312	2-79	16738	2-59
1021937	3-39	1037313	2-79	16930	2-175, 3-49, 3-63
1021951	3-39	1038293	2-101	16931	2-19, 2-31, 2-99, 2-101, 2-109, 2-115, 2-117, 2-127, 2-129, 2-131, 2-133, 2-135, 2-165, 2-175, 3-23, 3-33, 3-51, 3-52
1021966	3-39	10552	4-63, 4-65, 4-67, 4-69	17414	2-39, 2-69, 2-71, 2-113, 2-115, 2-117
1021968	3-39	10632-12	3-11, 3-13	17521	2-71
1021969	3-39	10632-20	3-3, 3-5, 3-7, 3-9	17808	2-139
1023853	2-129, 2-131	10632-4	2-37, 3-3, 3-7, 3-11, 3-13, 3-15, 3-79	17809	2-139
1026719	2-25, 4-45	10632-5	2-181, 3-17, 3-33	17980	2-157, 2-159, 3-27
1028064	2-29	10632-8	3-17	19035	3-71
1028300	2-7	10632-9	3-11, 3-13	19066	2-27, 2-31, 2-57, 2-89, 2-93, 2-115, 2-117, 2-129, 2-131, 2-157, 2-165, 3-23
1028492	2-137, 4-44	10664	2-4, 2-21	19117	2-177, 4-34
1028558	2-101	10723	5-3	19311	2-43, 2-45, 2-47
1028559	2-101	10724	5-3, 6-3	19312	2-65, 2-79, 2-99, 2-101
1028835	2-101	10819	2-169	19313	2-21, 2-127, 2-129, 2-131, 2-177
1028836	2-101	10830	2-65, 2-79	19315	2-43, 2-45, 2-47, 2-65, 2-79
1028924	2-109	10911	2-157	19317	2-65, 2-73, 2-79
1029293	2-109	10959	2-23, 2-25	19459	2-155
1029295	2-109	11399	2-57, 2-61, 2-73, 3-49, 3-63		
1029334	2-48	11442-1	2-113, 2-115, 2-117		
1029375	2-47	11442-23	2-111, 2-113, 2-117		
1029502	2-109	11531	2-119, 2-121, 2-123, 2-125, 3-17		
1029649	2-55	11676	3-71		
1029737	2-125	11716	2-173		
1029996	2-101	11747	2-31, 3-79		
1030122	2-101	11984	2-59		
1030134	2-101	12271	2-15		
1030189	2-125	12273	2-57, 2-145		
1030272	2-48	12274	2-31, 2-169		
1030485	2-109				
1030501	2-101				
1030502	2-101				

CROSS REFERENCE

Part Number	Page Number	Part Number	Page Number	Part Number	Page Number
19544	2-147	21732	2-103, 2-105, 2-107	30389	2-59, 2-69, 2-71
19659	2-137	21740	2-137	30407	2-115, 2-117
19747	2-57	21791	3-84	30533	3-77
19760	2-115, 2-117	21792	5-15, 6-15	31038	2-39
19774	2-39	21793	5-15, 6-15	311336	2-13, 4-49
20177	2-53, 2-55, 2-115, 2-117, 3-51, 3-55, 3-67, 3-69	21794	5-15, 6-15	311828	2-73
20192	2-161, 3-27	21917	4-38, 4-39, 4-43	31354	4-32
20634	3-79	222460	2-165	31380	4-33
21041	3-71	22290	2-179	31385	4-33
21047	3-71	22308-3	2-111, 2-113, 2-115	31507	3-43, 3-49, 3-59, 3-63
21054	3-71	22324	2-113	31525	3-51, 3-55, 3-65, 3-67, 3-69
21104	3-71	22626	2-137, 4-29	31526	2-39
21109	2-165	22629	4-29, 4-31	31563	2-151, 2-153
21117	2-151, 2-153	22630	4-29, 4-31	31597	3-31
21119	2-151, 2-153	22636	4-29, 4-31	31599	2-127, 2-129, 2-131
21131	2-15	22645	4-29, 4-31	31603	2-153
21136	2-95, 2-97	22646	4-29, 4-31	31605	2-157
21138	2-95, 2-97, 2-99	23146	3-71	31613	2-4, 2-155
21150	4-49	23156	2-69, 2-71, 2-113, 2-115, 2-117	31775	2-143
21168	2-7, 2-9, 2-11	23498	2-175	31922	3-17
21194	7-5	23935	3-79	31954	3-11, 3-13
21195	2-53, 2-55, 2-179, 3-67	23936	2-165, 3-23	31999	2-35
21197	2-43, 2-45, 2-47, 2-53, 2-55, 3-67	23946	2-13	32006	2-35
21198	2-43, 2-45, 2-47, 2-145, 3-55	23950	2-17	32009	2-35
21215	2-161	24012	2-99, 2-101	32129	2-157
21221	2-31	24047	2-111, 2-113, 2-115, 2-117	32425	2-43, 2-45, 2-47
21223	3-65	24450	3-43, 3-49, 3-59, 3-63	32483	2-9, 2-11, 2-43, 2-45, 2-47, 2-71, 2-109, 2-125, 2-169, 2-175
21224	2-161	24576-1	3-15, 3-17	32485	2-51, 2-53, 2-55, 2-145, 2-162, 3-28, 3-52, 3-55, 3-67, 3-69
21230	2-15	24576	3-15	32486	2-135, 2-137, 2-161, 2-169, 3-27
21231	2-165, 3-23	24899	2-169	32490	2-19, 2-65, 2-79, 2-87, 2-91, 2-109, 2-127, 2-145, 3-47, 3-49, 3-61, 3-63
21237	3-51, 3-55, 3-67, 3-69	24924	2-59	32491	2-19, 2-31, 2-51, 2-89, 2-93, 2-99, 2-101, 2-109, 2-115, 2-117, 2-121, 2-123, 2-127, 2-129, 2-131, 2-133, 2-143, 2-165, 2-175, 3-23, 3-51, 3-52, 3-55, 3-69
21238	2-161	24928-1	2-111, 2-113, 2-115, 2-117	32492	2-9, 2-11, 2-23, 2-25, 2-35, 2-43, 2-45, 2-47, 2-51, 2-99, 2-101, 2-127, 2-129, 2-131, 2-135, 2-162, 2-165, 2-175, 3-23, 3-28, 3-49, 3-51, 3-55, 3-63
21241	2-175	25014	2-97, 2-99, 2-101	32493	2-17, 2-19, 2-43, 2-45, 2-47
21246	2-13, 3-35	25046	2-57, 2-145	32495	3-69
21250	3-27	25047	2-65, 2-79	32496	2-161, 3-28
21251	3-27	25312	3-75	32598	2-139
21252	3-27	25610	2-103, 2-105, 2-107	32668	3-33
21282	2-9, 2-11	26395-2	3-71		
21294	2-39	26496	2-111, 2-113, 2-115, 2-117		
21301	3-79	26565	3-71		
21303	2-35	27048	2-71, 2-107, 2-111, 2-113, 2-115, 2-117		
21307	4-47	27767	2-71		
21308	4-47	27980	2-65, 2-79		
21309	4-47	27990	2-127, 2-129, 2-131, 3-67		
21310	4-47	27991	2-51, 2-53, 2-55, 3-51		
21311	4-49	27992	3-55, 3-69		
21312	4-49	29233	3-5, 3-9		
21313	4-49	29570	2-73		
21643	2-15	30013	3-33		
21671	3-76	30251	2-169		
21672	2-141	30252	2-169		
21722	2-29	30253	2-169		
21728	4-59, 4-61	30255	2-169		
21729	2-151, 2-153	30268	3-43, 3-49, 3-59, 3-63		
21731	2-103, 2-105, 2-107				

CROSS REFERENCE

Part Number	Page Number	Part Number	Page Number	Part Number	Page Number
32715	2-165, 3-23, 3-51, 3-55	35756	2-51, 2-53, 2-55, 3-51, 3-55, 3-69	371528	2-51
32895	2-169	35980	2-41	371529	2-51
32899	2-145	36014	5-23, 6-23	371532	2-61
32960	3-33	36048	5-15, 6-15	371538	2-61
32978	2-107, 2-109, 3-51, 3-55, 3-67, 3-69	36050	2-4, 2-59, 2-103	371553	2-65, 2-79
32980	2-55, 2-107, 2-109	361160	2-7	37157	5-5, 5-11
32981	2-57, 2-109	36158	3-71	371572	2-43
32982	2-71, 2-99, 2-101	36164	5-21, 6-21	371573	2-97, 2-99
32984	2-21, 2-127, 2-129, 2-131, 2-177	36165	2-39, 2-61, 2-73	371646	4-63, 4-65, 4-67
32985	2-137, 2-161, 3-27	36192	2-21	371647	4-63, 4-65
330120	3-84	36268	5-3, 5-6, 6-3, 6-6	371649	4-67, 4-69
330122	3-84	36328	2-161, 2-169, 3-27	371651	4-63, 4-65, 4-67, 4-69
330123	3-84	36556	2-159	371653	4-63, 4-65, 4-67, 4-69
330710	3-84	36758	2-7, 2-161, 3-27	371654	4-63, 4-65, 4-67, 4-69
33342	3-24	368132	2-127, 2-129, 2-131	371658	4-63, 4-65, 4-67
33404	2-171	369701	2-137	371660	4-63, 4-65, 4-67, 4-69
33799	2-151, 2-153	369704	2-15	371661	2-105
33806	2-13, 3-19	36971	2-145	371662	2-105
33817	2-155	369786	3-37	371665	4-63, 4-65
33924	2-165, 3-23	369787	3-37	371666	4-63, 4-65
33951	2-59, 2-67	370011	2-5	371669	4-63, 4-65
34072	2-69	370102	5-17, 6-17	371713	4-63, 4-65
34159	4-5, 4-9, 4-15, 4-19	370103	5-17	371714	4-63, 4-65, 4-67, 4-69
34176	4-32	370829	5-9, 6-9	371715	4-63, 4-65, 4-67, 4-69
34178	4-27, 4-29, 4-31	370847	6-3	371716	4-67, 4-69
34179	4-27, 4-29	370848	6-3	371718	4-63, 4-65, 4-67, 4-69
34180	4-27	370850	6-3	371749	2-73
34181	4-27, 4-29, 4-31	370851	6-5	371750	2-73
34182	4-27	370852	6-11	371754	2-73
34183	4-27, 4-29, 4-31	370853	6-11	371755	2-73
34184	4-27, 4-29, 4-31	370854	6-11	371757	2-73
34185	4-27, 4-29	370855	6-13	371759	2-73
34195	2-162, 3-28	370873	6-3	371761	2-43, 2-45, 2-47
34283	2-9, 2-11	370875	6-24	371762	2-43
34306	2-4, 2-155	370876	5-21, 6-21	371763	2-61
34323	2-19	370888	6-22	371764	2-61, 2-73
34330	2-169	370889	6-22	371765	2-61
34355	2-151, 2-153	370890	6-22	371766	2-61, 2-73
34359	2-137, 2-171	370891	6-22	371767	2-61, 2-73
34360	2-151, 2-153	370892	6-22	371768	2-73
34379	2-151, 2-153	37127	5-11	371770	2-51
34390	2-155	371500	2-57	371875	2-65, 2-79
34392	2-29	371502	2-57	371877	2-65, 2-79
34738	3-79	371503	2-57	371891	7-3
34821	2-135	371504	2-57	371894	2-73, 4-63
34848	3-17	371505	2-57	371895	2-73, 4-65
34864	2-37, 3-79	371507	2-43	371896	2-61, 4-67
34877	3-51	371508	2-43, 2-45, 2-47	371897	2-61, 4-69
35323	2-5	371509	2-43, 2-45, 2-47, 2-51, 2-65, 2-79, 3-51, 3-67	371898	4-67, 4-69
35324	2-5	371512	2-43, 2-45, 2-47	371899	4-67, 4-69
35325	2-5	371516	2-43, 2-45, 2-47	371901	4-67
35326	2-5	371517	2-43	371902	4-67, 4-69
35327	2-5	371518	2-43, 2-45, 2-47	371908	4-67, 4-69
35336	2-5	371519	2-43, 2-45, 2-47	371921	2-212
35586	2-127, 2-129, 2-131	371520	2-43, 2-45, 2-47	372235	2-215, 2-217
35688	2-29	371526	2-51, 2-53, 2-55, 3-55, 3-67, 3-69	372236	2-215, 2-217
35707	2-115, 2-117	371527	2-51, 2-53, 2-55	372237	2-215, 2-217
				372251	7-7
				372440	2-107, 2-109
				372445	2-45, 2-47

CROSS REFERENCE

Part Number	Page Number	Part Number	Page Number	Part Number	Page Number
372456	2-45, 2-47	372891	2-63, 2-65, 2-75	374210	3-41, 3-47, 3-57, 3-61
372457	2-45	372899	2-75	374230	2-127, 2-129, 2-131
372458	2-45, 2-47	372937	2-73	374240	2-143
372464	7-7	372950	4-59, 4-61	374274	6-24
372466	2-63, 2-65, 2-79	372951	4-59, 4-61	374294	4-47, 4-49
372470	2-65, 2-75, 2-79	373201	4-25	374357	4-47
372472	2-63, 2-65, 2-75, 2-79	373207	4-25	37460	4-3, 4-7, 4-13, 4-17
372473	2-45, 2-47	373211	4-25	374615	2-69
372474	2-45, 2-48	373218	4-7, 4-17	37462	4-3, 4-7, 4-13, 4-17
372479	2-45, 2-47	373226	4-31	374625	2-59, 2-67
372482	2-63	373232	4-25	374648	2-69
372483	2-63, 2-65, 2-75, 2-79	373235	4-25	374649	2-69
372484	2-63, 2-75	373236	4-31	374750	4-47, 4-49
372488	2-63	373242	4-25	374757	4-49
372489	2-63, 2-75	373243	4-25	374758	4-47
372490	2-63, 2-75	373254	2-147, 4-25	374759	4-47
372491	2-99	373255	4-25	374760	3-35
372492	2-63, 2-75	373256	4-25	374761	3-35
372493	2-63, 2-75	373258	4-25	374762	3-35
372495	2-75	373259	4-25	374763	2-59
372496	2-75	373276	4-25	374765	4-47, 4-49
372497	2-75	373284	4-25	374769	4-47, 4-49
372498	2-75	373291	4-31	375193	2-41
372500	2-75	373369	4-13, 4-17, 4-21	375400	2-161
372501	2-75	373371	4-21	375401	2-161, 3-27
372503	2-75	373372	4-21	375402	2-161
372504	2-75	373373	4-21	375403	3-27
372505	2-75	373374	4-9, 4-19	375404	2-161, 3-27
372506	2-75	373375	4-9, 4-19	375415	2-165, 3-23
372507	2-75	373404	2-147	375416	2-165, 3-23
372508	2-75	373405	3-82	375417	3-27
372510	2-75	373406	4-9, 4-19	375511	2-127, 2-129, 2-131
372511	2-75	373407	4-7, 4-17	375512	3-43, 3-49, 3-59, 3-63
372512	2-75	373408	4-7, 4-17	375513	2-15
372514	2-75	373409	4-7, 4-17	375526	2-143
372515	2-75	373410	4-7, 4-17	375536	2-15
372516	2-75	373412	4-9, 4-19	375537	2-15
372517	2-75	373413	4-9, 4-19	37555	4-33
372518	2-75	373414	4-7, 4-17	375563	2-159, 4-41
372523	2-75	373415	4-7, 4-17	375564	2-31
372526	2-75	373457	4-25	375565	2-31
372527	2-75	373458	4-25	375566	2-31
372528	2-75, 2-79	373464	2-137, 4-31	375567	2-141
372529	2-79	373541	4-31	375575	2-137
372531	2-75	373542	4-31	375576	2-137
372539	2-80	373543	4-31	375586	2-127, 2-129
372545	2-65, 2-75, 2-79	373544	4-31	375666	2-165
372569	2-75	373545	4-31	375693	2-17
372577	2-75	373546	4-31	375695	2-17
372579	2-80	373547	4-31	375696	2-13
372581	2-75	373548	4-31	375698	2-13
372608	2-75	373549	4-31	375718	2-59, 2-67
372610	2-75	374012	3-71	375721	2-175
372611	2-75	374127	2-59, 2-67	375726	3-43, 3-59
372612	2-75	374129	3-43, 3-49, 3-59, 3-63	375728	3-43, 3-49, 3-59, 3-63
372615	2-75	374133	3-81	375729	3-45
372651	2-89, 2-93	374134	3-41, 3-47, 3-81	375751	3-43
372652	2-89, 2-93	374135	3-41, 3-47, 3-81	375762	2-137
372859	2-75	374154	2-71	37723	4-27, 4-29, 4-31
372860	2-63	374158	2-111, 2-115, 2-117	37766	4-27, 4-29

CROSS REFERENCE

Part Number	Page Number	Part Number	Page Number	Part Number	Page Number
379020	2-165, 3-23	380676	3-45	385006	2-65, 2-79
379050	2-25	380680	2-13	385007	2-65, 2-79
37943	4-27, 4-29, 4-31	380681	2-23	385008	2-65, 2-79
380514	2-145	380683	2-145	385009	2-109
380532	2-15	380684	3-41, 3-47	385010	2-217
380533	2-15	380685	3-43	385011	2-80
380544	3-52, 3-55	380686	3-43	385012	2-79
380563	3-45	380689	3-41, 3-47, 3-57, 3-61	385013	2-80
380566	2-145	380690	3-41, 3-47, 3-57, 3-61	385014	2-79
380567	2-145	380691	3-11, 3-13, 3-15	385015	2-79
380568	2-145	380692	2-13, 4-47	385016	2-79
380576	3-41, 3-47	380694	4-47	385017	2-79
380577	4-47, 4-52	380695	4-47	385018	2-217
380578	4-55	380697	3-45	385019	2-47
380579	4-55	380702	3-65	385412	2-41
380591	2-83, 2-85, 2-87, 2-89, 2-91, 2-93	380708	4-47	385414	2-59
380592	2-83	380709	2-4	385415	2-59
380598	2-41	380710	2-4	385417	2-39
380602	3-35	380712	3-17	385426	2-41
380612	3-57, 3-61	380717	2-143	385433	2-41
380613	3-41, 3-47, 4-55	380728	2-13	385439	3-84
380614	3-57, 3-61, 4-57	380732	4-47	386063	2-113
380615	3-41, 3-47, 3-57, 3-61	380736	2-155	388407	4-55, 4-57
380616	4-55, 4-57	380748	2-125	388555	6-13
380617	3-41, 3-47, 3-57, 3-61	380754	2-127	391890	4-67
380618	3-43, 3-59	380760	2-15	391891	4-63
380619	3-41, 3-47, 3-57, 3-61	380761	2-15	39210	2-25, 2-29, 2-155
380620	3-43, 3-49, 3-59, 3-63	380762	2-15	392258	2-73
380621	3-43, 3-49, 3-59, 3-63	380763	2-15	392561	2-43
380624	3-41, 3-47	380764	2-15	392563	2-43
380625	3-41, 3-47, 4-53	381391	2-129, 2-131	392564	2-212
380626	4-53	381962	2-31	392570	2-61, 2-73
380627	4-53	382507	2-127	392590	2-121, 2-123, 2-125
380628	4-53	382516	2-181	392591	2-121, 2-123
380630	3-41, 3-47	382726	2-31	392593	2-105
380634	3-35	382978	3-15	392594	2-105
380635	3-35	382979	3-33	392597	2-105
380640	3-15	383014	2-71	392598	2-107
380643	3-11	383165	2-181	392611	2-51, 2-53, 2-55
380644	3-13	383170	2-71	392613	3-51
380649	4-55, 4-57	383185	3-35	392619	2-43
380650	4-55, 4-57	384156	4-51	392622	2-43, 2-45
380651	4-55	384971	2-80	392629	2-105, 2-107, 2-109
380652	4-55	384973	2-80	392642	2-43, 2-45
380659	4-55, 4-57	384974	2-65, 2-79	392647	2-123, 2-125
380660	4-57	384975	2-79	392649	2-105
380661	3-41, 3-47, 3-57, 3-61	384977	2-79	39277	2-127, 2-129, 2-131, 2-133, 3-51, 3-67
380662	3-41, 3-47, 3-57, 3-61	384978	2-79	39279	2-143
380663	3-41, 3-47, 3-57, 3-61	384979	2-80	39283	2-9, 2-11, 2-162, 2-166, 2-169, 3-23, 3-28, 3-52
380665	3-41, 3-47	384985	2-65, 2-79	39284	2-35, 2-48, 2-101, 2-161, 2-166, 3-23, 3-28
380666	4-53	384986	2-79	39285	2-145
380667	4-53	384996	2-79	39305	2-137
380668	4-53	384998	2-217	39311	2-19, 2-161, 3-24, 3-28, 3-51
380669	4-53	384999	2-217	39312	2-161, 3-28
380670	4-53	385000	2-65, 2-79		
380671	4-53	385001	2-65, 2-79		
380672	4-53	385002	2-65, 2-79		
380673	3-41, 3-47	385003	2-65, 2-79		
380675	2-151, 2-153	385004	2-65, 2-79		
		385005	2-65, 2-79		

CROSS REFERENCE

Part Number	Page Number	Part Number	Page Number	Part Number	Page Number
39313	2-17, 2-19	393843	7-11	393908	2-61, 2-63, 2-73, 2-76
393200	2-105	393844	7-11	393909	2-61, 2-63, 2-73, 2-76
393201	3-51, 3-55	393845	7-11	393910	2-61, 2-63, 2-73, 2-76
393205	2-85	393846	7-11	393911	2-61, 2-63, 2-73, 2-76
393207	2-85	393848	7-9	393912	2-61, 2-63, 2-73, 2-76
393208	2-85, 2-87, 2-89	393849	7-9	393913	2-61, 2-63, 2-73, 2-76
393216	2-121	393850	7-9	393914	2-61, 2-63, 2-73, 2-76
393219	3-51	393851	7-9	393915	2-61, 2-63, 2-73, 2-76
393223	3-84	393852	7-9	393916	2-61, 2-63, 2-73, 2-76
393227	2-53, 2-55	393853	7-9	393917	7-3
393229	2-121, 2-123	393854	7-9	393918	7-3
393241	3-67	393855	7-9	393919	7-5
393244	3-51, 3-67	393856	7-9	393920	7-5
393252	2-97	393857	7-9	393921	7-5
393253	2-97	393858	7-9	393922	7-5
393255	3-49, 3-63	393859	7-9	393923	7-5
393373	2-89, 2-91, 2-93	393860	7-9	393924	7-5
39346	2-9, 2-11	393861	7-9	393925	7-5
39349	2-27	393862	7-9	393926	7-5
39350	2-137	393863	7-9	393927	7-5
393662	7-7	393864	7-11	393928	7-5
393663	7-7	393865	7-9	393929	7-5
393770	3-15, 3-33	393866	7-11	393930	7-5
393806	7-7	393867	7-9	393931	7-5
393807	7-7	393868	7-9	393932	7-5
393808	7-7	393869	7-9	393933	7-3
393809	7-7	393870	7-9	393934	7-3
393810	7-7	393871	7-9	393935	7-3
393811	7-7	393872	7-7	393936	7-3
393812	7-7	393873	7-11	393937	7-3
393813	7-7	393874	7-11	393938	7-3
393814	7-7	393875	7-11	393939	7-5
393815	7-7	393876	7-11	393940	7-5
393816	7-7	393877	7-11	393941	7-5
393817	7-12	393878	7-11	393942	7-5
393818	7-12	393879	7-11	393943	7-5
393819	7-12	393880	7-11	393946	7-5
393820	7-12	393881	7-11	393947	7-5
393821	7-12	393882	7-7	393948	7-5
393822	7-12	393883	7-7	393949	7-5
393823	7-12	393884	7-7	393950	7-5
393824	7-3, 7-9, 7-11, 7-12	393886	7-7	393951	7-3
393825	7-12	393887	7-7	393952	7-3
393826	7-11, 7-12	393888	7-7	393953	7-3
393827	7-12	393889	7-7	393954	7-3
393828	7-12	393890	7-7	393955	7-3
393829	7-12	393895	7-3	393956	7-3
393830	7-12	393896	7-3	393957	7-3
393831	7-12	393897	7-3	393958	7-3
393832	7-7	393898	2-61, 2-63, 2-73, 2-75,	393959	7-3
393833	7-7		7-3, 7-5	393960	7-3
393834	7-11	393899	7-3	393961	7-3
393835	7-11	393900	7-3	393962	7-3
393836	7-11	393901	7-3	393963	7-3
393837	7-11	393902	7-3	393964	7-3
393838	7-11	393903	7-3	393965	7-5
393839	7-11	393904	7-3	393966	7-5
393840	7-11	393905	2-61, 2-63, 2-73, 2-75	393967	7-5
393841	7-11	393906	2-61, 2-63, 2-73, 2-75	393972	2-73
393842	7-11	393907	2-61, 2-63, 2-73, 2-75	393973	2-43

Part Number	Page Number	Part Number	Page Number	Part Number	Page Number
393975	2-43	43555	2-35, 2-83, 2-85, 2-87, 2-89, 2-91, 2-93	49266	2-37, 3-3, 3-5, 3-7, 3-9, 3-11, 3-13, 3-15, 3-17, 3-41, 3-47, 3-79, 3-81
393982	2-57	43558A	3-43, 3-49, 3-59, 3-63	49282	2-13
393984	2-43, 2-63, 2-65, 2-75, 2-79	43611	2-115, 2-117	49766	3-79
393994	2-43, 2-45, 2-47, 2-51	43844	2-59, 2-67, 2-105, 2-107, 2-109, 2-125	49933	2-159
393998	2-51, 2-53, 2-55	43952	3-37	49934	2-57
394916	2-215, 2-217	43955	2-9, 2-11	50335	2-43, 2-45, 2-47, 2-107, 2-109, 2-113
39527	4-32	44078	2-179	50902	2-43, 2-45, 2-47, 2-53, 2-55, 2-115, 2-117, 2-127, 2-129, 2-131, 2-169, 2-177, 3-51, 3-55, 3-67, 3-69
39534	2-177	44681-1	3-7, 3-9, 3-13	50960	2-127, 2-129, 2-131
39670	3-51, 3-55	44681-2	3-7, 3-9, 3-13	51021N	2-5
39703-2	2-4, 5-3, 6-3	44681	3-7, 3-9, 3-13	51109	2-143
398315	2-207	44777	2-13	51176	2-13
39923	2-37, 3-79	44851	2-17, 2-19, 3-35	51193	2-139
40380	4-27	44868	2-157, 3-27	51305	2-73, 2-125, 2-127, 2-129, 2-131
40514	2-155	44869	2-157, 2-159, 2-169, 2-177	51322	2-21, 2-127, 2-129, 2-131
40573	3-43, 3-49, 3-59, 3-63	44906	2-127	51338	2-139
40585	2-103, 2-105	44961	3-79	51340	2-137
40607	2-37, 2-69, 3-79	45142	3-43, 3-49, 3-59, 3-63	51341	2-137
40678	2-37, 3-79	45177	2-83, 2-85, 2-87, 2-91	51373	2-139
40716	2-13	45272	3-3, 3-5, 3-7, 3-9	51448	2-169
40870-8	2-175	45482	2-157, 3-27	51449	2-169
41016	2-105, 3-43, 3-49, 3-59, 3-63	45622	4-27, 4-29, 4-31	51483	2-143
41073	2-137	45623	4-27, 4-29, 4-31	51531	3-71
41130	2-175	45628	4-32, 4-33	51534	2-171
41131	2-165, 2-173	45779	3-3, 3-5, 3-7, 3-9, 3-11, 3-13	51542	2-5
41139	3-17	45780	2-7	51545	2-143
41140	3-17	45786	2-141	51560-5	2-89, 2-93
41141	3-33	46236	2-143, 3-79	51562	2-143
41142	2-53, 2-55, 3-67	46481	2-21, 2-147	51564	2-169
41169	2-145	46482	3-23	51693	2-173
41178	2-9, 2-11, 2-13, 2-83, 2-85, 2-87, 2-91, 3-35	46611	2-69, 2-71	51787	2-21, 2-31
41185	2-9, 2-11, 2-19, 2-161, 3-27	46800	2-127	51813	2-165, 3-23
41186	2-31, 2-53, 2-55, 2-127, 2-129, 2-131, 2-133, 2-135, 3-23, 3-51, 3-55, 3-67, 3-69	47167	2-61, 2-63, 2-73	51839	2-69, 2-71, 2-85
41295	2-125	47313A	2-59	52402	2-127, 2-129, 2-131, 2-159
41342	2-161, 2-165, 3-28	47504	2-159, 2-165	52911	2-147
41346	2-169	47508	2-147, 2-161, 3-27	53029	2-67, 2-105
41430	2-31, 2-48, 2-127, 2-129, 2-131, 2-145, 2-162, 2-166, 2-175, 3-23, 3-28, 3-52	47512	2-25, 2-127, 2-129, 2-131	53268	2-69
41434	3-37	47522	2-137	53395-2	2-113
41619	2-15	47585	2-179	53400-1	2-111, 2-113, 2-115, 2-117
41722	2-145	47637	3-27	53400-4	2-111, 2-113, 2-115, 2-117
42011	2-51, 2-53, 2-55	47638	2-25, 2-159	53434	2-169, 4-32
42124	3-71	47720	2-111, 2-113, 2-115, 2-117	53461-2	2-15, 2-17, 2-19
42207	2-161	47753	3-27	53468	2-121, 2-123, 2-125
42215	2-155, 2-159, 3-23	47958	2-15	54009	3-71
42226	2-177	48006	2-21	54012	3-71
42260	2-21, 2-155	48014	2-83, 2-85, 2-87, 2-91	54096	2-171
42368	2-107, 2-109	48056	2-127, 2-129, 2-131		
43242	3-43, 3-49, 3-59, 3-63	48069	2-35		
43363	2-7	48267	2-103, 2-105, 2-107		
43454	2-15, 2-37, 3-79	48282	2-113		
43500	2-4, 2-7	48842	3-84		
		49032	3-37		
		49263	2-7, 2-179		

CROSS REFERENCE

Part Number	Page Number	Part Number	Page Number	Part Number	Page Number
54140	2-107	57963	2-151, 2-153, 3-31	60812	5-22
54222	2-145	57988	2-159	60813	5-22, 6-22
54274	2-177	57993	2-157	60814	5-22, 6-22
54275A	2-177	57994	2-155	60817	5-6, 6-6
54333	5-3, 6-3	58114	2-175	60833	5-5, 5-13, 5-19, 6-5, 6-13, 6-19
54396	2-43, 2-45, 2-47, 2-121, 2-123	58228	2-127, 2-129, 2-131, 2-175	60834	6-5, 6-13
54527	2-83, 2-85, 2-87, 2-91	58242	4-23	60836	5-21, 6-21
54528	2-83, 2-85, 2-87, 2-91	58270	4-32	60846	2-4, 5-24, 6-24
54615	2-13	58278	4-32	60933	2-4, 2-83, 2-85, 2-87, 2-91
54862	2-177	58293	2-23	60934	2-4, 2-83, 2-85, 2-87, 2-91
54878	2-169	58357	2-35	60938	5-9, 6-9
54911-32	2-119, 2-121, 2-123, 2-125, 5-3, 6-3	58359	2-25	61288	2-155
55248	3-3, 3-5, 3-7, 3-9, 3-11, 3-13, 3-15, 3-41, 3-47, 3-81	58366	2-15, 2-57	61363	2-39, 2-51, 2-53, 2-55
55347	2-43, 2-45, 2-47	58489	2-9, 2-17, 2-19	61365	3-17
55586	2-155, 2-169	58490	4-49	61490	4-32, 4-33
55685	2-159	58518	3-3, 3-5, 3-11	61529	2-39
55686	2-25	58519	3-3, 3-5, 3-11	61531	2-39
55700	2-151, 2-153	58520	3-3, 3-5, 3-11	61869	3-43, 3-49, 3-59, 3-63
55756	2-15	58524	2-31	61870	3-43, 3-49, 3-59, 3-63
55779	2-169	58589	2-111, 2-113, 2-115, 2-117	61882	4-3, 4-7, 4-13, 4-17
55845	2-15	58590	2-111, 2-113, 2-115, 2-117	61886	4-5, 4-9, 4-15, 4-19
56185	2-179	58596	4-37	61923	3-15
56186	2-182, 3-3, 3-5, 3-7, 3-9, 3-11, 3-13, 3-41, 3-47, 3-57, 3-61, 3-79	58844	2-11, 2-15	61931	2-39
56346	2-181	58858	2-147, 2-155	61969	2-171, 2-181
56398	2-179	58898	2-9, 2-11	62172	2-159
56690	2-107, 2-157, 2-165, 2-179, 3-23, 3-27	59015	2-103	62173	2-159
56692	2-147, 2-177	59156	3-51	62234	2-125
56820	2-137, 2-165	59192	2-15, 2-17, 2-19	62389	2-147
56821	2-177	59305	4-23	62561	2-147, 4-23
56976A	2-111, 2-113, 2-115, 2-117	59375	2-39	62595-16	2-13
56992	2-181, 3-57, 3-61	59577	2-157	62595-2	2-13
57048	2-41, 2-43, 2-45, 2-47	59633	2-35	62595-3	2-13
57167	2-182, 4-57	59661	2-21	62865	2-113
57173	2-151, 2-153	59668	2-145	62954	2-4, 2-7
57297	2-111, 2-113, 2-115, 2-117	59672	2-145	62955	2-4, 2-7
57311	2-143	59767	2-228	62956	2-4, 2-7
57411	2-159	59808	2-69	62957	2-4, 2-7
57568	2-153	59866	2-25	630094	2-39
57751	2-182, 3-35	59901	3-43, 3-49, 3-59, 3-63	63228	3-76
57772	2-165	59921	3-79	63233	2-35
57773	2-41, 2-43, 2-45, 2-47	59954	3-79	63234	2-35
57803	2-182, 3-35	59965	2-23, 3-15	63263	2-41, 2-43, 2-45, 2-47
57804	2-215, 2-217	59970	2-181	63276	2-145
57807	2-165, 2-171, 2-181, 3-23	59971	2-181	63292	2-145
57809	3-79	59974	2-181	63294	2-13
57820	2-13, 2-17, 2-19	59976	2-181	63295	2-143
57934	2-59	59977	2-181	63297	2-35
57936	2-23, 2-25	59978	2-181	63311	2-35
57941	2-7	59979	2-181	63378	2-31
57944	2-151, 2-153	60293	2-133	63407	3-82
		60559	2-39	63416	2-127, 2-165, 3-23, 3-27
		60725	2-69, 2-71	63426	2-137, 4-27
		60726	2-69, 2-71	63436	2-169
		60732	2-169	63449	2-169
		60751	3-17	63450	2-169
		60762	2-59	63471	2-137
		60806	5-5, 5-6, 6-5, 6-6		

CROSS REFERENCE

Part Number	Page Number	Part Number	Page Number	Part Number	Page Number
63491	2-137	64788	2-4, 2-9, 2-11	67767	2-25, 2-115, 2-117, 2-137
63496	2-137	64801	2-9	68445	3-37
63535	2-41	64802	2-11	68866	2-145
63540	2-137	64811	2-169	68869	2-133, 2-135
63541	2-169	64873	2-35	69097	2-67
63542	2-127, 2-129, 2-131, 4-35	64874	2-35	69234	2-157, 2-175
63543	2-137	64884	2-13	69904	2-7
63544	2-7	64886	2-137	69906	2-31
63583	2-25	64887	2-137	70006	2-155
63584	2-25	64893	2-29	70072	2-155
63647	2-27	64899	2-51, 3-51	70160	2-39
63663	2-7	64905	2-159	70173	2-103, 2-105, 2-107
63665	2-27	64919	2-4, 2-7	70388	2-27
63667	2-27	64920	2-4, 2-7	70398	2-182
63668	2-27	64950	2-143	70400	2-203
63669	2-27	65129	2-143	70402	2-182
63671	2-33	65145-1	2-147	70407	2-17, 2-19
63695	2-41, 2-43, 2-45, 2-47	65160	2-161, 3-27	70411	2-182
63751	2-13	65168	2-161	70431	2-161, 3-27
63810	2-59, 2-69, 2-71, 2-75, 2-79, 2-85, 3-43, 3-49, 3-59, 3-63	65170	2-161	70435	2-111, 2-113, 2-115, 2-117
63818	2-127, 2-129, 2-131	65173	2-161, 3-27	70450	2-13
63926	2-23	65174	2-161, 2-165, 3-23, 3-27	70453	2-4, 2-9, 2-11
64038	5-17, 6-17	65180	2-161, 3-27	70454	3-19
64058	2-141	65188	2-151, 2-153	70477	2-103, 2-105, 2-107, 2-109
64059	2-141	65191	2-151, 2-153	70478	2-13
64141	2-181	65194	2-151, 2-153	70506	2-143
64156	2-25	65195	2-151, 2-153	70517	2-7
64228	2-157	65196	2-151	70521	2-161
64233	2-171	65197	2-151, 2-153	70524	2-161, 3-27
64278	2-15	65199	2-151, 2-153	70525	2-161, 3-27
64279	2-15	65201	2-151, 2-153	70526	2-161, 3-27
64299	2-175	65202	2-151	70532	2-165, 3-23
64312	2-15	65204	2-151, 2-153	70536	2-228
64392	2-35	65205	2-151, 2-153	70538	2-5
64394	2-35	65212	2-151, 2-153	70550	2-143
64410	2-35	65213	2-151, 2-153	70597	2-9
64419	2-21	65215	2-155	70598	2-11
64434	2-159	65221	2-21	70603	4-59, 4-61
64500	2-35	65222	2-21	70609	4-59, 4-61
64501	2-35	65224	2-151, 2-153	70611	4-61
64543	2-17, 2-19	65226	4-23	70612	4-59
64545	2-17, 2-19	65227	4-27	70613	4-59, 4-61
64556	2-143	65232	4-33	70615	4-59, 4-61
64558	2-143	65235	4-37	70617	4-59, 4-61
64559	2-35	65240	4-43	70618	4-59, 4-61
64567	2-35	65242	2-179, 4-37	70620	3-35
64580	2-35	65245	2-181	70622	2-179
64586	2-179	65248	2-171	70623	2-179
64618	2-35, 2-127, 2-129, 2-131, 2-175	65252	2-21	70626	2-161, 3-27
64621	2-35, 2-127, 2-129, 2-131, 2-175	65258	3-19	70627	2-161, 3-27
64631	2-179	65278	2-31	70628	2-17, 2-19
64635	2-143	65281	2-31	70631	2-95
64651	2-179	65527	2-69	70635	2-119, 2-123, 2-125
64655	2-179	65561	2-165, 3-23	70636	2-119
64740	2-73	65869-5	2-4	70649	2-5
		67310	2-137, 2-147	70650	2-35
		67366	2-161, 3-27	70651	2-35
		67683	3-27		

CROSS REFERENCE

Part Number	Page Number	Part Number	Page Number	Part Number	Page Number
70659	3-71	73685	2-175	74066	2-7
70668	3-71	73717	3-51	74067	2-7
70669	3-19	73724	2-7	74069	2-27
70686	3-20	73727	2-37	74074	3-71
70690	3-77	73731	2-137	74076	2-39
70692	3-75	73733	2-137	74081	2-13
70699	3-33	73734	2-35	74082	2-127, 2-129, 2-131
70704	2-13	73736	2-181	74089	2-111, 2-113, 2-115, 2-117
70705	2-228	73737	2-165, 3-23	74090	2-165, 3-23
70709	2-179	73749	2-27	74094	4-33
70717	2-179	73751	3-5	74098	4-29, 4-43
70718	2-111, 2-113, 2-115, 2-117	73753	3-9	74100	4-33
70719	2-111, 2-113, 2-115, 2-117	73755	3-3	74101	4-33
70725	2-145	73757	3-7	74109	4-37
70730	2-31	73771	2-27	74110	4-37
70742	2-31	73772	2-27	74111	4-37
70747	2-145	73862	2-7	74112	4-37
70749	2-145	73863	2-7	74132	4-27
70754	2-119	73870	2-4, 2-9, 2-11	74133	4-27
70756	2-13	73871	3-71	74134	4-27, 4-29
70761	2-31, 3-37	73880	3-71	74135	4-27, 4-29, 4-31
70762	2-31	73887	2-27	74136	4-27, 4-29, 4-31
70767	2-105	73888	2-4, 2-9, 2-11	74137	4-27, 4-29
70775	2-177	73898	3-3, 3-5, 3-7, 3-9	74142	2-179
70783	2-145	73899	3-3, 3-5, 3-7, 3-9	74145	4-39
70785	3-35	73901	2-13	74146	4-43
70788	3-35	73903	2-13	74148	4-23
70790	2-177	73917	5-3, 5-15, 6-3, 6-15	74149	4-23
70793	3-21	73920	5-3, 6-3	74150	4-23
70802	3-21	73921	5-3, 6-3	74151	4-23
70808	2-11	73927	5-6, 6-6	74152	4-23
70809	2-9	73936	5-6, 6-6	74153	4-23
70810	2-177	73937	5-19, 6-19	74154	4-23, 4-25
70815	3-21	73950	5-3, 6-3	74156	4-23
70825	2-175	73954	5-19, 6-19	74157	4-23
70827	2-159	73958	5-3, 6-3	74158	4-23
70832	2-95, 2-97	73967	5-19, 6-19	74159	4-23
70843	2-7	73970	5-19, 6-19	74160	4-23
70844	2-7	73975	5-3	74161	4-23, 4-25
70847	2-159	73977	5-22	74163	2-147
70849	2-69	73978	5-22	74164	3-82
70851	3-79	73979	5-22	74174	4-37
70876	2-59, 2-67	73980	5-22	74182	4-37
71552	2-151, 2-153	73981	5-22	74184	4-3, 4-7, 4-13, 4-17
71725	4-25	73982	5-22	74190	4-37
72970	2-179	73988	5-21, 6-5, 6-21	74194	4-37
72978	2-85, 3-43, 3-59	73995	5-23, 6-23	74195	4-37
72979	2-69, 2-71, 3-43, 3-59	73996	5-23, 6-23	74210	4-3, 4-7, 4-13, 4-17
73017	2-67	74000	3-3, 3-5, 3-7, 3-9	74214	4-29, 4-31
73020	2-69	74007	3-19	74218	4-37
73645	2-7	74015	2-31	74220	4-29, 4-31
73646	2-175	74022	2-143	74223	4-3, 4-7, 4-13, 4-17
73648	2-9	74040	2-15	74233	4-34, 4-35
73649	2-11	74045	2-27	74240	4-3, 4-7, 4-13, 4-17
73650	2-175	74046	2-27	74246	4-29, 4-31
73654	2-4, 2-9, 2-11	74051	2-145	74250	4-33
73678	2-27	74059	2-161, 3-27	74251	4-37
73679	2-27	74060	2-161	74253	4-3, 4-13
		74062	2-9	74254	4-3, 4-7, 4-13, 4-17
		74063	2-11		
		74064	2-7		

CROSS REFERENCE

Part Number	Page Number	Part Number	Page Number	Part Number	Page Number
74256	4-3, 4-7, 4-13, 4-17	75456	2-175	76495	2-13
74257	4-3, 4-7, 4-13, 4-17	75465	2-37, 3-79	76497	2-151, 2-153
74258	4-3, 4-7, 4-13, 4-17	75575	2-143	76498	2-151, 2-153
74259	4-5, 4-9, 4-15, 4-19	75612	2-169	76516	3-35
74260	4-5, 4-15	75666	2-83, 2-85, 2-87, 2-89, 2-91, 2-93	76522	3-35
74261	4-5, 4-15	75701	3-71	76523	2-145
74262	4-3, 4-7, 4-13, 4-17	75768	2-43, 2-45, 2-47	76570	2-101, 2-165, 2-175, 3-23, 3-51
74263	4-3, 4-13	75821	4-49	76647	2-145
74264	4-5, 4-15	75822	4-47	76653	2-143
74265	4-3, 4-7, 4-13, 4-17	75823	4-47	76684	3-31
74266	4-3, 4-7, 4-13, 4-17	75824	4-47	76736	2-103, 2-105, 2-107
74267	4-3, 4-7, 4-13, 4-17	75825	4-47	76762	2-57
74268	4-43	75828	3-51, 3-65, 3-67	76825	2-89
74270	4-5, 4-9, 4-15, 4-19	75854	2-103, 2-105	76870	2-15
74271	4-5, 4-9, 4-15, 4-19	75861	2-23	76888	2-13, 2-182
74272	4-3, 4-7, 4-13, 4-17	75876	3-71	768897	2-127
74273	4-3, 4-7, 4-11	75877	3-71	76898	3-37
74274	4-5, 4-9, 4-15, 4-19	75880	3-37	76907	2-103, 2-105
74275	4-5, 4-9, 4-15, 4-19	75881	3-37	76948	4-47
74276	4-3, 4-7, 4-13, 4-17	75883	2-15	76950	4-47
74277	4-5, 4-9, 4-15, 4-19	75891	2-25	76955	2-53, 2-55
74278	4-5, 4-9, 4-15, 4-19	75899	3-27	76956	2-51
74279	4-5, 4-15	75901	3-73	76971	4-47
74280	4-3, 4-7, 4-13, 4-17	75968	2-179	76973	4-47
74281	4-3, 4-7, 4-13, 4-17	75989	3-73	76976	4-49
74282	4-5, 4-9, 4-15, 4-19	76030	3-73	76977	4-47
74283	4-3, 4-5, 4-7, 4-9, 4-13, 4-15, 4-17, 4-19	76036	3-73	76980	4-47
74391	2-165, 3-23	76038	3-73	769806	2-73
74402	2-67	76049	3-73	769808	2-61
74443	2-59, 2-67	76055	3-73	76982	4-47
74455	2-27, 3-35, 3-37, 3-79	76069	3-73	76985	4-47
74509	5-15, 6-15	76074	3-73	76996	4-47
74516	5-3, 6-3	76081	3-73	77097	2-29, 2-157, 2-165, 2-171, 2-177, 3-23
74527	5-15, 6-15	76084	3-73	77340	2-13
74536	5-7, 6-7	76100	3-73	77375	3-3, 3-5, 3-7, 3-9
74538	5-5, 5-23, 6-5, 6-23	76235	2-23	77388	2-31
74545	5-19, 6-19	76285	2-13	77394	2-31
74548	5-19, 6-19	76286	3-71	77399	2-13, 2-15
74552	5-19, 6-19	763113	2-175	77400	2-31
74561	5-11, 6-11	763116	3-43, 3-49, 3-59, 3-63	77430	2-41, 2-43, 2-45, 2-47
74920	2-7	76316	2-155	77434	2-41, 2-43, 2-45, 2-47
74944	2-121, 2-125	76321	2-83, 2-85, 2-87, 2-91	77435	2-41, 2-43, 2-45, 2-47
75010	2-5	76338	3-71	77452	2-127, 2-129, 2-131
75011	2-5	763483	4-23	77458	3-23
75012	2-29	76383	2-95, 2-97	77459	2-165, 3-23
75028	2-161	76384	2-27	77463	2-23
75046	2-31	76385	3-15, 3-33	77471	2-35
75047	2-31	76406	3-71	77473	2-151, 2-153
75099	3-27	76423	3-17	77485	2-159
75117	3-27	76438	2-161, 3-28	77488	2-159
75128	2-15	76461	3-27, 3-31	77490	2-133
75142	3-27	76470	2-23	77491	2-159
75197	3-49, 3-63	76471	2-23	77492	2-159
75303	2-15	76474	2-27	77493	2-159
75428	2-13	76487	2-27	77498	2-159
75456-1	2-175	76490	2-143	77499	2-159
75456-2	2-175	76491	2-143	77516	2-33
75456-3	2-175	76492	2-13	77523	2-33
75456-4	2-175	76494	2-13		

CROSS REFERENCE

Part Number	Page Number	Part Number	Page Number	Part Number	Page Number
77531	2-175	77815	4-47	79631	5-9, 6-9
77532	2-175	77816	4-49	79632	5-9, 6-9
77553	2-175	77817	4-49	79633	5-9, 6-9
77555	3-51, 3-55, 3-65, 3-67, 3-69	77818	4-49	79634	5-9, 6-9
77558	2-103	77819	4-49	79635	5-9, 6-9
77569	3-23	77820	4-49	79636	5-9, 6-9
77575	2-157	77821	4-49	79638	5-9, 6-9
77578	2-173	77822	4-49	79640	5-9, 6-9
77579	2-133	77823	4-49	79642	2-151, 2-153
77580	2-173	77824	4-49	79644	3-71
77583	2-173	78043	2-103	79646	3-71
77584	2-165, 3-23	78122	2-111, 2-113, 2-115, 2-117	79647	3-71
77593	2-7	78750	2-119, 2-121, 2-123	79648	2-181
77597	2-165, 3-23	78772	3-55, 3-69	79670	2-7
77600	2-165, 3-23	78897	2-59	79671	2-7
77601	2-165	78998	3-31	79674	3-71
77602	2-133, 2-135	79010	2-7	79680	2-7
77605	2-165, 2-173	79011	3-35	79681	2-7
77611	3-20	79019	2-31	79708	4-5, 4-15
77613	3-20	79025	3-79	79711	4-38, 4-39, 4-43
77632	2-4	79026	3-79	79719	4-39, 4-43
77634	2-4	79028	2-13, 2-173	79728	4-39, 4-43
77640	2-151, 2-153	79032	2-4	79731	4-38, 4-43
77641	2-151, 2-153	79116	2-13	79739	4-38, 4-43
77652	3-35	79138	2-29	79740	4-38, 4-39, 4-43
77669	2-165	79139	2-27	79742	4-3, 4-7, 4-13, 4-17
77674	3-45	79140	2-137	79743	4-3, 4-13
77680	2-7	79151	2-139	79744	4-3, 4-13
77682	2-165	79152	2-137, 2-139	79745	4-3, 4-13
77711	2-15	79153	2-137, 2-139	79746	4-3, 4-13
77727	2-165, 3-23	79155	3-79	79747	4-3, 4-7, 4-13, 4-17
77734	2-7	79156	3-79	79748	4-5, 4-9, 4-15, 4-19
77738	3-23	79157	3-79	79749	4-5, 4-9, 4-15, 4-19
77752	3-24	79158	3-79	79750	4-5, 4-9, 4-15, 4-19
77755	3-73	79159	3-79	79751	4-5, 4-9, 4-15, 4-19
77759	3-73	79160	3-79	79752	4-5, 4-9, 4-15, 4-19
77768	4-59	79167	3-79	79753	4-5, 4-9, 4-15, 4-19
77769	4-61	79168	3-79	79754	4-11
77770	2-139, 4-61	79169	3-79	79755	4-11, 4-21
77777	2-7	79170	3-79	79756	4-11, 4-21
77778	2-15	79172	3-79	79757	4-11, 4-21
77782	2-7	79174	3-79	79758	4-11, 4-21
77783	3-23	79176	3-79	79759	4-11
77790	2-139, 4-59	79177	3-79	79760	4-11, 4-21
77800	4-51	79381	2-121, 2-123	79761	4-11, 4-21
77801	4-51	79399	2-39	79762	4-11, 4-21
77802	4-51	79506	2-27	79763	4-11, 4-21
77803	4-51	79591	2-31	79764	4-11, 4-21
77804	4-51	79593	2-143	79765	4-11, 4-21
77805	4-51	79594	2-143	79766	4-11, 4-21
77806	4-51	79596	2-29	79767	4-11, 4-21
77807	4-51	79597	2-27	79771	4-3, 4-13
77808	4-51	79600	2-27	79772	4-21
77809	4-51	79608	2-7	79774	4-21
77811	3-41, 3-47, 3-57, 3-61, 4-47	79621	3-27	79776	4-11, 4-21
77812	4-47	79622	3-27	79777	4-21
77813	4-47	79628	5-9, 6-9	79779	4-3, 4-7, 4-13, 4-17
77814	4-47	79629	5-9, 6-9	79781	2-161, 3-27, 4-33
		79630	5-9, 6-9	79782	4-33
				79786	4-41

CROSS REFERENCE

Part Number	Page Number	Part Number	Page Number	Part Number	Page Number
79787	4-41	83557	3-21	84882	5-3, 5-24, 6-3, 6-24
79788	4-41	83578	2-59, 2-69, 2-71	84883	2-4, 5-3, 6-3
79789	4-41	83580	2-59, 2-69, 2-71	84884	5-3, 6-3
79790	4-41	83581	2-51, 2-53	84885	5-5
79791	4-41	83584	2-87, 2-89, 2-91, 2-93, 2-125	84886	5-5
79792	4-41	83591	2-107	84887	5-5, 6-5
79793	4-41	83618	2-29	84888	5-5
79794	4-41	83620	2-33	84889	5-5, 5-11, 6-5, 6-11
79795	4-41	83622	2-33	84891	5-5, 6-5
79797	4-41	83626	3-21	84892	5-5
79798	4-41	83627	3-21	84893	5-5
79799	4-41	83639	2-59	84894	5-5
79812	4-41	83640	2-67	84895	5-7, 6-7
79820	4-41	83641	3-65	84896	5-7, 6-5, 6-7
79822	4-41	83643	2-103	84897	5-7, 6-7
79823	4-41	83644	2-103	84898	5-7, 6-7
79824	4-41	385411	2-39	84899	5-7, 6-7
79956	5-9, 6-9	83652	2-39	84900	5-7, 6-7
79957	5-9, 6-9	83664	2-39	84901	5-7, 6-7
79960	5-9, 6-9	83669	5-17, 6-17	84902	5-7, 6-7
79961	5-9, 6-9	83673	2-41	84903	5-7, 6-7
79962	5-9, 6-9	83674	2-41, 2-43, 2-45, 2-47	84904	5-7, 6-7
79963	5-9, 6-9	83676	5-24	84905	5-7, 6-7
79964	5-9, 6-9	83677	5-24, 6-24	84906	5-7, 6-7
79965	5-9, 6-9	83678	2-59	84907	5-6, 6-6
79966	5-9, 6-9	83679	2-67	84910	5-6, 6-6
79967	5-9, 6-9	83682	2-59, 2-67	84911	5-22
79969	5-9, 6-9	83683	2-59, 2-67	84912	5-22
79970	5-9, 6-9	83684	2-59, 2-67	84913	5-22
79972	5-15, 6-15	83685	2-59, 2-67	84914	5-22
79973	5-15, 6-15	83686	2-59, 2-67	84915	5-19, 6-19
79974	5-15, 6-15	83689	2-41	84916	5-19, 6-19
79975	5-23, 6-23	83690	2-119, 2-121	84917	5-19, 6-19
79976	5-15, 6-15	83691	2-119	84919	5-19, 6-19
80395	2-165, 3-23	83692	2-39	84921	5-19, 6-19
82063	3-3, 3-5, 3-11	83693	2-201	84923	5-13
82168	2-145	83695	2-202	84924	5-13, 6-13
82200	3-7, 3-9, 3-13	83699	3-30	84925	5-13, 6-13
82509	2-105	83706	3-79	84926	5-13, 6-13
82510	2-105	83707	5-24	84927	5-13, 6-13
82661	2-95, 2-97, 2-101	83729	2-39	84928	5-13
82727	2-15, 4-57	83731	2-39	84929	5-13
82731	2-39	83732	5-24, 6-24	84930	5-13
82733	2-177	83747	2-39	84931	5-13
82739	2-37, 3-79	83750	2-39	84932	5-13
82820	2-151, 2-153	83758	2-59, 2-67	84933	5-13
82825	2-29	83853	2-39	84934	5-13
82830	2-21	84014	2-157, 4-43	84935	5-13
82835	2-151, 2-153	84015	2-177, 3-27, 4-38	84936	5-19, 6-19
82839	2-145	84016	2-165, 3-23, 4-39	84937	5-13
82843	2-151, 2-153	84103	2-145	84938	5-13
82921	2-13	84581	2-161, 3-27	84940	5-13
82962	3-71	84659	5-17, 6-17	84941	5-13
83547	2-33	84875	5-3	84942	5-13
83548	2-33	84876	5-3	84943	5-13
83549	2-23	84877	5-3	84944	5-13
83551	2-23	84878	5-3, 6-3	84946	5-13
83553	2-23, 2-25	84879	5-3, 6-3	84947	5-13
83554	2-23, 2-25	84880	5-3, 6-3	84950	5-21, 6-21
83555	2-25			84951	5-21, 6-21

CROSS REFERENCE

Part Number	Page Number	Part Number	Page Number
84952	5-21, 6-21	87866	2-181
84953	5-21, 6-21	87948	3-17
84954	5-21, 6-21	87972	2-127
84955	5-21, 6-21	9000355	2-109
84956	5-21, 6-21	9000360	2-123
84957	5-21, 6-21	9000823	4-63
84958	5-21, 6-5, 6-21	9001070	2-127, 2-129, 2-131
84961	5-21, 6-21	9001183	2-127
84962	5-3, 6-3	9001293	2-145
84963	5-11, 6-11	9001554	2-129, 2-131
84964	5-11, 6-11	9001702	4-45
84965	5-11, 6-11	9002915	3-69
84966	5-11, 6-11		
84967	5-11, 6-11		
84968	5-11		
84969	5-11, 6-11		
84970	5-11, 6-11		
84971	5-11, 6-11		
84972	5-11		
84973	5-11, 6-11		
84974	5-11, 6-11		
84975	5-11, 6-11		
84976	5-11, 6-11		
84977	5-11, 6-11		
84978	5-11, 5-19, 6-11, 6-19		
84979	5-11, 6-11		
84980	5-11		
84981	5-11, 6-11		
84982	5-23, 6-23		
84983	5-5, 5-23, 6-5, 6-23		
84984	5-23, 6-23		
84985	5-15, 6-15		
84987	5-23, 6-23		
84988	5-23, 6-23		
84989	5-23, 6-23		
84990	5-15, 6-15		
84991	5-15, 6-5, 6-15		
84992	5-15, 6-15		
84993	5-23, 6-23		
84994	5-23, 6-23		
84995	5-15, 6-15		
84996	5-15, 6-15		
84997	5-15, 6-15		
84998	5-23, 6-23		
84999	5-9, 6-9		
86034	2-143		
86041	2-39		
86328	2-105		
86798	2-7		
86824	2-61, 2-63		
86860	2-7		
86953	2-145		
87337	3-77		
87396	2-103, 2-105, 2-107, 2-109		
87515	2-7		
87536	2-181		
87579	4-55, 4-57		
87583	2-182		
87631	2-169		

PART DESCRIPTION TO PAGE NUMBER CROSS REFERENCE LIST

A	B	
A/C Hose #6 134A, 4-55	Backing Plate Rh, 4-59	4-3, 4-5, 4-7, 4-9, 4-13, 4-15, 4-17,
A/C Hose#10 134A, 4-55	Backplate S/A En, 4-5, 4-9, 4-15, 4-19	4-19, 4-32, 5-9, 5-22, 6-9, 6-22
Actuator, Valve En, 4-5, 4-9, 4-15, 4-19	Baffle, 5-3, 6-3	Bearng-Journal, 2-23
Actuator-Lh, Governor, 2-59, 2-67	Balancer, 7-11	Bell Crank En, 4-21
Adapter, Carburetor, Ford 2.3, 2-59, 2-67	Ball En, 4-21	Bell Crank, 4-11
Adapter, Throttle Body, 2-75	Ball Joint .375-24, 3-71	Belt, Seat, 3-77
Adapter, Valve, 400mm [Bosch], 2-79	Ball, 4-27, 4-29, 7-3	Belt, V, [3v] 39.6l [Hc41], 2-53, 2-55
Adaptor Weldm., Side Brush, 2-5	Balljoint .375-24 Lh, 3-71	Belt, V, [3v] 38.5l [Hc38/41], 3-52
Adaptor Wldt, Vac Wand, 3-71	Balljoint, Rod End, 2-137	Belt, V, [3v] 40.0l, 1only [Hc38], 2-51,
Adaptor, Elbow, Carb, Gas, 2-59	Band,Mtg., 2-83, 2-85, 2-87, 2-91	3-51
Adaptor, Filter, Remote, 2-57	Bar Wldt, Brush Pressure, 2-169	Belt, V, [Hc41] 42.0l, 3-51, 3-67
Adaptor, Fuelline, 2-107	Bar Wldt, Pivot, 2-145	Belt, V, 38.5l [Hc38], 3-55
Adaptor, Intake, Lpg [3.0l], 2-75	Bar, Arm, Lower, Machining, 2-23	Belt, V, 45.1l [Hc38], 3-55, 3-69
Adaptor, Valve, Fuel Trim, 2-75	Bar, Cylinder End, 2-25	Belt, V, Hc 38-46.375, 2-39
Adaptor, Water Pump Machined, 2-39	Bar, Equalizer, 2-143	Belt, V, Hc41 40.1L, 3-45
Adaptor,Neutral En, 4-21	Bar, Frame, 2-7	Belt, V, Hc41 41.1L, 3-45
Adhesive, 4-47, 4-49	Bar, Prop, 3-71	Belt, V, 3-65
Adjuster, Manual, 4-59, 4-61	Bar, Retainer, Dust Seal, 2-27	Binary, 4-53
Alternator Kit, Hd, Gas/Lpg, Cij[800/810], 3-69	Bar, Retainer, 2-13	Blade Arm, Rear, 4-47
Alternator, 12vdc, 075a [Valeo], 2-51, 2-53, 2-55	Bar, Shaker Stem, 2-35	Blade, Deflector, 2-4, 2-7
Alternator, 12vdc, 100A [Brushless], 3-51, 3-67	Battery, 12V, Wet, 2-133	Block Assy, 5-3, 6-3
Alternator, 50A/12V Mando, 2-39	Battery, Wet, 12vdc 0700cca, 2-135	Block, 3-23
Alternator, Se [800/810, 07], 3-55, 3-69	Bearing Cam., 5-6, 6-6	Blower, Heat/Ac, 4-55, 4-57
Alternator, 3-65	Bearing Kit, .001 U.S., 7-7	Body Assembly, 4-23
Angle, Bolt, Latch, 2-17, 2-19	Bearing Kit, .001" #1, 2, 3, 4, 7-11	Body Assy, 4-23
Angle, Dust Seal, 2-27	Bearing Kit, .001" #5, 7-11	Body, 4-25
Angle, Heat, Shield, 2-53, 3-51, 3-67	Bearing Kit, .010" #1, 2, 3, 4, 7-11	Bolt (1/4-20x.62), 7-9
Angle, Mount, 2-31	Bearing Kit, .020" #1, 2, 3, 4, 7-11	Bolt (5/16-18x5/8), 7-9
Angle, Mtg, .12x1x1x4.5L, 2-71	Bearing Kit, .025" #5, 7-11	Bolt (1/4-20x1/12 Hex), 7-12
Angle, Mtg, 2-111, 2-113, 2-115, 2-117	Bearing Kit, .030" #1, 2, 3, 4, 7-11	Bolt (1/4-20x1/12), 7-12
Angle, Retainer, Lip, 2-27	Bearing Kit, Cshft [Fd], 6-13	Bolt (1/4-20x1/2), 7-9
Angle, Retainer, Seal, 2-9, 2-11	Bearing Kit, Std #1, 2, 3, 4, 7-11	Bolt (5/16-18x1.5 Hex), 7-12
Angle, 3-71	Bearing Kit, Std #5, 7-11	Bolt M12, 5-3, 5-6, 6-3, 6-6
Arm Alternator, 2-39	Bearing Kit, Std, 7-7	Bolt M12X45, 5-19, 6-19
Arm Kit, 7-3	Bearing Kit, 7-7, 7-12	Bolt, Carriage, .38-16 X 1.00, 2-169
Arm Wldt, Hopper Lift w label, 2-23	Bearing Thrust, 4-33	Bolt, Clutch, 2-43, 2-45, 2-47
Arm Wldt, M Br, Idler, 2-169	Bearing, .016 Camshaft, 5-6, 6-6	Bolt, Eye, Lift, 2-45
Arm Wldt, M Br, Motor, 2-169	Bearing, Fiberglide .50 X .50, 2-35	Bolt, Latch, 2-9, 2-11
Arm.Thr.Ball, 5-9, 6-9	Bearing, Fiberglide, 2-145	Bolt, M6X16.5mm, 5-3, 6-3
Arm, Adj, Alternator, Hd [800/810 07], 3-55, 3-69	Bearing, Flange .500B, 2-179	Bolt, M8 X 17 Schd, 5-7, 6-7
Arm, Adj, Alternator, 2-53	Bearing, Flange .625 Bore, 2-31, 3-71	Bolt, M8X12.0mm, 5-23, 6-23
Arm, Adjmt, Alternator, 2-55	Bearing, Flange .875 Bore, 2-161, 3-27	Bolt, Motor, Hyd, 4-31
Arm, Alternator, Hd [Gm3.0l], 3-51, 3-67	Bearing, Journal, 2-25, 2-29	Bolt, Shld, .50d X 0.50, .38-16, 2-161,
Arm, Alternator, 2-51	Bearing, Needle, 4-37	3-27
Arm, Control En, 4-3, 4-7, 4-13, 4-17	Bearing, Nylon .50B, 2-159	Bolt, Starter, 2-43, 2-45, 2-47
Arm, Rear Wiper, 4-47	Bearing, Nylon, 2-31, 3-79	Bolt, U, .25-20 X 2.00, 1.10id, 3-43, 3-49,
Arm, Safety W/Label, 2-23	Bearing, Thrust .500, 2-7	3-59, 3-63
Arm, Tens, 3-51	Bearing, Thrust - Fiberglide, 2-35	Bolt,M10X40.0mm, 5-11, 6-11
Arm, Tension, A/C, .18 1.3w 4.2l, 3-51	Bearing,Ball.669B 1.575D .472W, 2-39	Bolt,M10X55.0M, 5-15, 6-15
Armature, 5-9, 6-9	Bearing&Clr ,1.25B 2.44D 1.41W, 2-169	Bolt,M10X58.0mm, 6-17
Armrest, Black, 2-13, 4-49	Bearing-Ball,1.38B 2.83D 0.67W, 2-169	Bolt,M14X55.0M, 5-13, 6-13
	Bearing-Cone, 1.38Bore 0.72Wth, 2-139	Bolt,M5X20.0M, 5-11, 6-11
	Bearing-Cone, 1.50Bore 0.75Wth, 2-139	Bolt,M6X27.5mm, 5-11, 6-11
	Bearing-Cone, 2.63Bore 0.87Wth, 2-137	Bolt,M6X37.5mm, 5-7, 6-7
	Bearing-Cup , 4.33Dia .074Wth, 2-137	Bolt,M6X47.5mm, 5-11, 6-11
	Bearing-Cup, 2.56Dia 0.55Wth, 2-139	Bolt,M6X52.5mm, 5-11, 6-11
	Bearing-Cup, 2.72Dia 0.59Wth, 2-139	Bolt,M8X18.0M, 5-23, 6-23
	Bearing-Flange,2 Hole 0.50Bore, 2-179	Bolt,M8X20.0mm, 5-11, 6-11
	Bearing-Journal, 2-23, 2-25	Bolt,M8X25.0mm, 5-15, 6-15
	Bearing, 2-35, 2-161, 2-165, 3-23, 3-27,	Bolt,M8X53.0mm, 5-23, 6-23
		Bolt,Tens.Sprn, 5-19, 6-19

CROSS REFERENCE

Bolt-Conrod-4, 5-22, 6-22
 Bolt-Eye M8-1.25, 2-161, 3-27
 Bolt-Thru, 5-9, 6-9
 Bolt, 2-61, 2-63, 2-73, 2-75, 2-76, 4-27,
 4-29, 5-17, 5-19, 6-19, 7-3, 7-5, 7-7,
 7-9, 7-11, 7-12
 Boot, 90deg .44id 0.62id 1.69l, Blk, 3-17
 Boot, Circuit Breaker, 3-35
 Boot, Str .42ID .12H .25L, 2-39
 Boot, Str 0.42id .12h 0.25l, 2-51, 2-53,
 2-55
 Boot, Switch, Ignition, 2-181
 Boot, Switch, 2-181
 Boot-Circuit Breaker, 2-182
 Boot, 2-179
 Box Assy, Heat/Ac, 4-55
 Box Assy, Heat, 4-57
 Box Assy, Heater, A/C (See Breakdowns),
 3-41, 3-47, 3-57, 3-61
 Box, Mounting, Lever, Vac, 3-71
 Brace Wldt, Bumper, Se, 3-21
 Bracket [Epr], 2-79
 Bracket Kit, Mtg, Cable, Replmt[800/810],
 2-145
 Bracket Wldt, Alternator Mtg, 2-39
 Bracket Wldt, Eng/Alt Mount, 2-41
 Bracket Wldt, Fan Inlet, 2-175
 Bracket Wldt, Gas Spring, 2-15
 Bracket Wldt, Lift, 3-27
 Bracket Wldt, Mounting, Valve, 2-159
 Bracket Wldt, Mtg, A/C [800 07], 3-55
 Bracket Wldt, Mtg, A/C, 3-51
 Bracket Wldt, Mtg, Battery, 2-135
 Bracket Wldt, Mtg, Headlight, 2-33
 Bracket Wldt, Mtg, Motor [2007], 2-131
 Bracket Wldt, Pivot, 3-27
 Bracket Wldt, Steering Tilt, 2-179
 Bracket Wldt, Tank, Lpg, 2-111, 2-113,
 2-115, 2-117
 Bracket Wldt, 3-73
 Bracket, Bottom, 7-5
 Bracket, Adjuster, Brake, 2-143
 Bracket, Alternator, 2-51, 2-53, 2-55
 Bracket, Angle, 2-161, 2-175, 3-23, 3-27,
 3-33
 Bracket, Battery, 2-133
 Bracket, Belt, Guard, A/C, 3-51
 Bracket, Belt, Guard, Ac, 3-45
 Bracket, Box, Relay, 2-65, 2-79
 Bracket, Brace Center, 2-15
 Bracket, Brush Lift, Main, 2-171
 Bracket, Eng Mtg Rh, 2-41
 Bracket, Eng, 2-133
 Bracket, Flasher, 3-15, 3-17
 Bracket, Fltr, Fuel, 2-107
 Bracket, Fltr, Lpg [6600], 2-73
 Bracket, Guard, Alternator, Hd [800/810],
 3-55, 3-69
 Bracket, Guard, Alternator, Hd [Gm3.0],
 2-55, 3-51, 3-67
 Bracket, Ignition, 2-39
 Bracket, Isolator, 2-99
 Bracket, L 12.0L Hood Support, 2-15

Bracket, L, 2.20,2.00, .18T,1., 2-127,
 2-129, 2-131
 Bracket, Lh, 2-31
 Bracket, Lift, 2-161
 Bracket, Mounting Motor, 2-177
 Bracket, Mounting, Eng, Rear, 2-41, 2-43,
 2-45, 2-47
 Bracket, Mounting, Eng,Rear Lh, 2-41,
 2-43, 2-45, 2-47
 Bracket, Mounting, Gearmotor, 3-79
 Bracket, Mounting, Headlamp, 2-31
 Bracket, Mounting, Mirror, 3-37
 Bracket, Mounting, Motor, 2-161, 3-27
 Bracket, Mounting, Skirt, 3-73
 Bracket, Mounting, Vaporizer, 2-69
 Bracket, Mounting, 2-157
 Bracket, Mtg, Alternator, Hd,[Gm3.0], 3-51
 Bracket, Mtg, Alternator, Hd[800/810 07],
 3-55, 3-69
 Bracket, Mtg, Alternator, Lower,[Gm3.0],
 3-67
 Bracket, Mtg, Battery, 2-133
 Bracket, Mtg, Coil, 2-39
 Bracket, Mtg, Eng, Lh, 2-43, 2-45, 2-47
 Bracket, Mtg, Eng, Rear, 2-41, 2-43, 2-45,
 2-47
 Bracket, Mtg, Eng, Rh, 2-41, 2-43, 2-45,
 2-47
 Bracket, Mtg, Fltr, Oil, W/ Label [800],
 2-127
 Bracket, Mtg, Fltr, Oil, W/Label [800],
 2-127, 2-129, 2-131
 Bracket, Mtg, Ftg, 2-29
 Bracket, Mtg, Fuelline, 2-105
 Bracket, Mtg, Heat Shield, 2-99, 2-101
 Bracket, Mtg, Isolator [800/810 07], 2-101
 Bracket, Mtg, Isolator, 2-99
 Bracket, Mtg, Mirror, 3-37
 Bracket, Mtg, Ohg, 3-19
 Bracket, Mtg, Propel Cable, 2-145
 Bracket, Mtg, Skirt, 2-27
 Bracket, Mtg, Tank, Coolant F/87972,
 2-127
 Bracket, Mtg, Valve, Cntrl, Heater, 3-43,
 3-49, 3-59, 3-63
 Bracket, Mtg, Valve,Control, Heater, 3-43,
 3-59
 Bracket, Mtg, Valve, 2-177
 Bracket, Oper Comp, 2-13
 Bracket, Pivot, 2-161
 Bracket, Pump, Fuel, 2-103, 2-105, 2-107
 Bracket, Retainer, Battery, 2-135
 Bracket, Rh, 2-31
 Bracket, Side Brush, Valve, 3-23
 Bracket, Spring, 2-161, 3-27
 Bracket, Stand-Off, Fltr, Air, 2-89, 2-93
 Bracket, Starter, 2-43, 2-45, 2-47
 Bracket, Steering, Machining (Repl. by
 375534), 2-137
 Bracket, Steering, Machining, 2-137
 Bracket, Tail Pipe, 2-95, 2-97, 2-99
 Bracket, Tailpipe [800/810 2007], 2-101
 Bracket, Tailpipe, 2-99

Bracket, Top, 7-5
 Bracket, Wldt,Cable Mtg, 2-145
 Bracket,A/C Dryer, 4-53
 Bracket-Mtg, Governor, 2-59, 2-67
 Bracket, 2-7, 3-3, 3-5, 3-7, 3-9, 3-15, 3-73,
 4-49, 7-3, 7-9
 Brake Assy, Drum, Hyd, 08.0d 1.6w Lh,
 4-61
 Brake Assy, Drum, Hyd, 08.8d 1.6w Rh,
 4-59
 Brake Assy, Lh (See Breakdowns), 2-139
 Brake Assy, Rh (See Breakdowns), 2-139
 Breaker-Cicuit, 15 Resetable, 3-79
 Breaker-Circuit, 2.5 Resetbl, 2-182
 Breaker-Circuit, 15 Resetbl, 2-182
 Breaker-Circuit, 15 Resetable, 3-35
 Breather Cap and Gasket, 2-155
 Breather Cap, 5-21, 6-21
 Breather, Hyd 40Mic NO DS, 2-4
 Breather, Hyd, 2-155
 Brg-Conn.Rod, 5-22
 Brkt,Mtg,Htr Coil, 4-57
 Brkt-L,1.2 1.0 .12 .8L2/H&S, 2-39
 Brush Holder, 5-9, 6-9
 Brush Kit, 2-39
 Brush, Swp, Wedge, Polypropylene, 2-5
 Brush-Outsd -Polypropylene, 2-5
 Brush-Patrl -Nylon, 2-5
 Brush-Side Swp -Assy-Nylon, 2-5
 Brush-Side Swp -Assy-Polypropylene,
 2-5
 Brush-Side Swp -Nylon, 2-5
 Brush-Side Swp -Polypropylene, 2-5
 Brush-Side Swp -Assy-Flat Wire, 2-5
 Brush-Side Swp -Flat Wire, 2-5
 Brush-Sweep -Nylon, 2-5
 Brush-Sweep -Polypropylene&Wire, 2-5
 Brush-Sweep -Polypropylene, 2-5
 Brush-Sweep -Wire, 2-5
 Bshg,Flange,0.62Bx0.68Od,Nylon, 3-37
 Bulb, #194, 3-17
 Bulb, 12V .5A 4Cp #1157, 2-7
 Bulb, 12V, 3-3, 3-5, 3-7, 3-9
 Bulb, 3-11, 3-13
 Bumper Assy, Se, 3-21
 Bumper Wldt., Rear, Gas/Die, 2-7
 Bumper Wldt., Rear, LPG, 2-7
 Bumper Wldt, Lh, 2-33
 Bumper Wldt, Rear, Gas/Dsl, 2-7
 Bumper Wldt, Rear, Lpg, 2-7
 Bumper Wldt, Rh, 2-33
 Bumper Wldt, Se, Rh, Front, 3-21
 Bumper Wldt, Sppt, Hopper, Rh, 2-33
 Bumper Wldt,Se, Lh, Front, 3-21
 Bumper, Corner, Mach, 2-7
 Bumper, Cover, Hopper, 2-31
 Bumper, Rbr, 1.5d 1.50 0.28h, 2-17, 2-19
 Bumper, Rubber, 2-13, 2-21, 2-31, 3-5, 3-9,
 3-35
 Bushing En, 4-3, 4-7, 4-13, 4-17
 Bushing En, 4-5, 4-9, 4-15, 4-19, 4-41
 Bushing, Isolator-Inner,Rbr., 2-159
 Bushing, Isolator, 2-35, 2-127, 2-129,

2-131, 2-175
 Bushing, Rubber, 2-83, 2-85, 2-87, 2-91
 Bushing, Seal, 4-37
 Bushing, Sleeve, .40b X .50d X 1.06l, 3-51
 Button, Plug 1.25H, 2-182
 Button, Plug, 0.50h .03-.12 [Black Nyl],
 3-57, 3-61

C

Cab Assembly Operator (See Breakdowns), 3-35
 Cab Assy, W/Label (Gas), 4-47
 Cab Assy, W/Label (LPG), 4-47
 Cable Assy, Choke 67.00Lg, 2-59
 Cable Assy-Batt, Pos, 48.0, 2Ga, 2-133
 Cable Tie Mount, 3-3, 3-5, 3-7, 3-9
 Cable, Battery, 02ga 36.0l Blk .38ring,
 2-135
 Cable, Battery, 02ga 48.0l Red .41ring,
 2-135
 Cable, Brake, Park, 2-143
 Cable, Cntrl, Choke, 85/90l 1.4d Knob,
 3-43, 3-49, 3-59, 3-63
 Cable, Lift, Main Brush, 2-171
 Cable, Push, Pull, 2-145
 Cable, Retaining, S Br, 2-165, 3-23
 Cable, Side Brush, Lift, 2-165, 3-23
 Cable, Speed Control, 2-145
 Cable, 2-161, 3-27
 Cabletie Mount, Adhesive, 3-11, 3-13
 Cam, 2-145
 Camplate S/A En, 4-3, 4-7, 4-13, 4-17
 Camshaft Sensor, 5-11
 Camshaft, 5-19, 6-19, 7-12
 Camshaft Sprckt, 5-19, 6-19
 Cap Assembly En, 4-41
 Cap Radiator, 2-127, 2-129, 2-131
 Cap Screw En, 4-3, 4-7, 4-13, 4-17
 Cap Screw, 4-33
 Cap, Cyl Assy, Master Brake, 2-143
 Cap, Distributor, 7-5
 Cap, End, 4-37
 Cap, Fill, Oil, 7-3
 Cap, Fuel, Tank, 2-109
 Cap, Fuel, 2-103
 Cap, Grease Black Paint, 2-139
 Cap, Screw, 4-37
 Cap, Tank, Fuel, 2.3neck 2.6d, 2-105,
 2-107
 Cap, Valve Spring, 7-3
 Cap, Valve Stem, 2-141
 Cap, 2-39, 7-12
 Carburetor, Gas, 2-59
 Carburetor, Lpg W/Gasket, 2-67
 Cart Flow Control CP, 4-43
 Cart, Check Valve CP, 4-43
 Cart, Pilot Cntr, 4-39
 Cart, PSI CN CP, 4-43
 Chain, Jack, #12, .08.5l 11 Links, 3-71
 Chain, Link#2/0, 7Links, 2-4
 Chain, Sash, #35, .06.0l 11 Link, 2-7
 Chain, Link#2/0, 7Links, 2-7

Channel Wldt, Mtg, Eng, Rear, 2-43, 2-45,
 2-47
 Channel Wldt, Mtg, Engine, Rear, 2-41
 Channel, Mounting, 2-7
 Channel, Mtg, Fan Motor, 2-127, 2-129
 Channel, Mtg, Steering Latch, 2-179
 Channel, Retainer, Seal, Rear, 2-4
 Channel, Retainer, Seal, Rear, 2-7
 Channel, Retainer, 2-4, 2-7, 2-137
 Charge Pmp Adap En, 4-5, 4-9, 4-15, 4-19
 Check Valve, 100 Psi, 3-27
 Circuitbreaker, 20.0a, Thermal, 3-41, 3-47,
 3-57, 3-61
 Clam Latch, 4-49
 Clamp, Cable, Stil, 0.18d X 0.75w, 1h,
 3-43, 3-49, 3-59, 3-63
 Clamp, Cable, Stil, 0.38d X 0.62w, 1h,
 2-105, 2-107
 Clamp, Cable, Stil, 0.44d X 0.62w, 1h, 2-37
 Clamp, Cable, Stil, 0.69d X 0.62w, 1hole,
 2-115, 2-117
 Clamp, Cable, Stil, 0.9x1.8x0.62w, 1h,
 2-107
 Clamp, Cable, Stil, 1.00d X 0.75w, 1h,
 2-157, 2-175
 Clamp, Cable, Stil, 1.0x2.0x0.62w, 1hole,
 2-161, 3-27
 Clamp, Cable, Stil, 1.25d X 1.00w, 1h,
 2-15, 2-57
 Clamp, Cable, Stil, 1.50d X 0.75w, 1h,
 2-105
 Clamp, Cable, Stil, 1.75d X 1.00w, 1h,
 2-121, 2-123
 Clamp, Cable, Stil, 1.75d X 1.00w, 1hole,
 2-125
 Clamp, Cable, Stil, 2.00d X 0.75w, 1h,
 2-107
 Clamp, Cable, Stil, 2.00d X 0.75w, 1hole,
 2-109
 Clamp, Cable, Stil, 2.25d X 1.00w, 1h,
 3-43, 3-49, 3-59, 3-63
 Clamp, Cable, Stil, 2.25d X 1.0w, 1h, 2-105
 Clamp, Cable- Brake, 2-143
 Clamp, Cable, 2-137
 Clamp, Hold Down, 4-59, 4-61
 Clamp, Hose, 1.0, 2-80
 Clamp, Hose, Spring Stil, 0.86d X 0.38w,
 2-87, 2-89, 2-91, 2-93
 Clamp, Hose, Spring, 0.62d, 2-80
 Clamp, Hose, Wormdrive, 0.25-0.62d,
 .31w, 2-109, 2-125
 Clamp, Hose, Wormdrive, 0.25-0.62d,
 2-105, 2-107
 Clamp, Hose, Wormdrive, 0.50-1.06d,
 2-61, 2-63
 Clamp, Hose, Wormdrive, 0.56-1.06d,
 .56w, 2-79
 Clamp, Hose, Wormdrive, 0.56-1.06d,
 2-71, 2-75, 2-85, 3-43, 3-49, 3-59,
 3-63
 Clamp, Hose, Wormdrive, 0.81-1.50d,
 2-57, 2-61, 2-73, 3-49, 3-63
 Clamp, Hose, Wormdrive, 1.06-2.00d,

2-121, 2-123, 2-125
 Clamp, Hose, Wormdrive, 1.25-2.00d,
 2-121, 2-123
 Clamp, Hose, Wormdrive, 1.31-3.25d,
 .50w, 2-91
 Clamp, Hose, Wormdrive, 1.31-3.25d,
 2-87
 Clamp, Hose, Wormdrive, 2.25-3.25d,
 .50w, 2-89, 2-93, 2-125
 Clamp, Hose, Wormdrive, 2.50-3.50d,
 .50w, 2-89, 2-93
 Clamp, Hose, Wormdrive, 5-3, 6-3
 Clamp, Mtg, Motor, Upper, 2-35
 Clamp, Muffler, 1.62d, 2-99, 2-101
 Clamp, Cable, .44D .62Wide, 3-79
 Clamp-Cable, 0.25Dia 0.56Wth, 2-143,
 3-79
 Clamp-Cable, 0.38Dia 0.38Wth, 3-71
 Clamp-Cable, 0.38Dia 0.62Wth, 2-103
 Clamp-Cable, .69Dia. 62Wth, 2-25
 Clamp-Muffler, For 1.87 Od Tube, 2-95,
 2-97
 Clamp-Muffler, For 2.00 Od Tube, 2-95,
 2-97
 Clamp-Wormdrive, 0.25- 0.62D, 2-59,
 2-67
 Clamp-Wormdrive, 0.56- 1.06D, 2-59,
 2-69, 2-71
 Clamp-Wormdrive, 0.81- 1.50D, 3-17
 Clamp-Wormdrive, 1.06- 2.00D, 2-119
 Clamp-Wormdrive, 1.62- 3.50D, 2-35,
 2-83, 2-85, 2-87, 2-91
 Clamp-Wormdrive, 2.63- 4.50D, 2-175
 Clamp-Wormdrive, 3.62- 5.50D, 2-175
 Clamp, 2-61, 2-63, 2-73, 2-76, 7-5, 7-12
 Cleaner, Air Al Se, 2-83, 2-85, 2-87, 2-91
 Clevis, Adjust. 0.25-28Th. Cad., 2-145
 Clip Finger Grip, 3-71
 Clip, Keeper, Open, 2-115, 2-117
 Clip, Pine-tree .236h Plastic, 2-13
 Clip, Pine-Tree .250h Plastic, 2-7
 Clip, Tree, 2-15
 Closure, 4-47
 Coil 12V w/Var CP, 4-43
 Coil, 12V W/Var, 4-38, 4-39
 Coil, Condenser, 4-53
 Coil, Evaporator, 4-55
 Coil, 7-5
 Column, Steering 12", 2-179
 Compressor, A/C [2007], 3-55
 Compressor, A/C, 3-45, 3-51
 Condenser Assy, A/C, 4-53
 Condenser, A/C, Roof (See Breakdowns),
 3-41, 3-47
 Conn Rod, 7-7
 Connecting Rd, 5-22, 6-22
 Connector, Ele, Plug, Femal, .156d, 3-33
 Connector, Fuel, E90, Qf, 2-109
 Connector, Fuel, Qf, 2-107
 Control Unit, Gov., 2-59, 2-67
 Control, Electronic, Gas, 4-67
 Control, Manual (See Breakdowns), 4-3,
 4-7, 4-13, 4-17

CROSS REFERENCE

Control, Manual, 4-11
 Controller Assy, Rfs, 3-79
 Controller, Lpg, 12Vdc, 2-71
 Converter, Lpg, 2-75
 Cooler-Hyd, 2-21
 Coupler En, 4-5, 4-9, 4-15, 4-19
 Coupling Flywheel, 2-41
 Coupling, Quickdisc, Lpg, Shwd, 2-111, 2-113, 2-115, 2-117
 Coupling, 3-79
 Cover Assy, Hopper, 2-31
 Cover Weldt., 2-39
 Cover Wldt, Engine Se, 2-15
 Cover Wldt, Fuel Inlet, 3-35
 Cover Wldt, Inlet, Fuel (LPG Only), 3-35
 Cover, Cab Pressurizer, 3-35
 Cover, Electrical, 3-79
 Cover, Hose, 2-80
 Cover, Housing, Electrical, 3-79
 Cover, Motor, 3-79
 Cover, Relay Panel, 2-182
 Cover, Rocker Switch Seal, 2-165, 2-171, 2-181, 3-23
 Cover, 2-39, 7-3, 7-7, 7-9, 7-11
 Cradle Sub Assy En, 4-3, 4-7, 4-13, 4-17
 Crankshaft Assy, 5-13, 6-13
 Crankshaft, 7-11
 Crnkst Seal-Rear, 5-13, 6-13
 Crnkst Sprckt, 5-13, 6-13
 Crnkshaft Key, 5-13, 6-13
 Cyl Block Assy (Short Block Assy), 5-3, 6-3
 Cylinder, Hyd 1.5B 1.5S 2500, 2-165, 3-23
 Cylinder, hyd. 2.0 B 14.9S 2500, 2-25
 Cylinder, Hyd, 2.0b 12.0l 08.00strk 2500, 2-29
 Cylinder, Hyd, 2.0b 15.0l 08.00strk 1500 (See Breakdowns), 2-137
 Cylinder, Hyd, 2.0b 15.0l 08.00strk 1500, 4-44
 Cylinder, Hyd, 4.0b 29.1l 14.50strk 2500 (See Breakdowns), 2-25
 Cylinder, Hyd, 4.0b 29.1l 14.50strk 2500, 4-45
 Cylinder, Hyd, 2-171
 Cylinder, Master Brake, 2-143
 Cylinder, Wheel, Brake, 4-59, 4-61

D

Dampner, Engine, 2-13
 Disc, 2-35
 Disconnect, Male, 4-47
 Disk, 3-71
 Distributor, 7-5
 Door Cw, 4-49
 Door Assembly, Cab, 4-49
 Door Wldt [800/810 07], 2-19
 Door Wldt, Brush, Lh, 2-9
 Door Wldt, Brush, Rh, 2-11
 Door Wldt, Engine, 2-17
 Door Wldt, Hopper, 2-29

Door Wldt, Rear, 2-21
 Door, Bumper, Lpg, 2-7
 Dowel Bushing En, 4-3, 4-7, 4-13, 4-17
 Dowel Pin En, 4-21
 Dowel Pin, 4-11
 Dowel, Frnt Cover, 5-3, 6-3
 Dowel, 5-3, 6-3
 Drain Cock, .25npt, 2-119
 Drain Cock, .25Npt Wh#120 Angl, 2-127, 2-129, 2-131
 Drainscock, End. Block, 5-3, 6-3
 Drive Assy, 5-9, 6-9
 Drive Gear Assembly, 4-23
 Drive Pin, .31, 4-47
 Drive, Motor, Hyd, 4-31
 Drive, Valve, 4-27, 4-29
 Drive, 4-27, 4-29, 4-32, 4-33, 4-37
 Drum Assy, Brake 9/16, 2-139
 Dryer, Ac, 4-53
 Duck Bill, 4-55, 4-57
 Duct Wldt, Rfs, 3-79
 Duct, Inlet, Vac Fan, 2-27
 Duct, Rear, 2-127, 2-129, 2-131
 Duct, Vyl, 0.40 X 0.75 .25d 24.0l, 3-3, 3-5, 3-7, 3-9
 Dust Control Kit, Side Brush, 3-73

E

Elbow, 90 deg, 5-15, 6-15
 Element, Air Cleaner, 2-83, 2-85, 2-87, 2-91
 Element, Filter Safety, 2-83, 2-85, 2-87, 2-91
 Element, Filter, Air, 2-4
 Element, Fltr, Air [Dn], 2-89, 2-93
 Element, Fltr, Air, 2-89, 2-93
 Element, Fltr, Fuel Lpg [Coalescent], 2-73
 End Cap, 4-33
 Engine Assy, Gas, Clsd Loop [Gm, 3.0l] (See GM Engine Breakdown), 2-45
 Engine Assy, LPG, Clsd Loop [Gm, 3.0l] (See GM Engine Breakdown), 2-45
 Engine Purch Kit, Lrg423 (See 2.3L Engine Brkdn), 2-39
 Engine Purch Kit, Lrg425 (See 2.5L Engine Brkdn), 2-39
 Engine, Block, Long [Gm3.0l] (See GM Engine Breakdown), 2-47
 Engine, Gm, 3.0 Liter, Gas (See GM Engine Breakdown), 2-43
 Engine, Gm, 3.0 Liter, Lpg (See GM Engine Breakdown), 2-43
 Engine, Partial (Includes block, pistons, rods, crankshaft, bearings, rear seal gasket), 7-7
 Exh. Manifold, 5-15, 6-15
 Extinguisher Kit Fire 800, 3-75
 Extinguisher, Fire, 3-75
 Extrusion, .062 Matl 10.10Lg, 2-39

F

Fan, Condenser, 4-53
 Fan, Cooling, 18.0d, 8 Blade, 0.5b Taper, 2-131
 Fan, Radiator, 2-127, 2-129
 Fan, Repair Kit, Reassembly, 2-175
 Fender Washer, 2-9, 2-11
 Ferrule, 2-35
 Filter Assy, (standard), 2-35
 Filter Assy, Air, 3.0 Inlet [Dn#G070070], 2-89, 2-93
 Filter Assy, Fine, Hopper (option), 2-35
 Filter Assy, Spin-on, 2-4, 2-21
 Filter Element, Oil, Cont. Gas-SE, 2-4
 Filter Element, Oil, 5-3, 6-3
 Filter Element, 2-21
 Filter Kit, Lpg Lockoff, 2-75
 Filter, Air, Pre-Cln, A/C, 2-89, 2-93
 Filter, Fuel [Gm 1.6l/3.0l], 2-109
 Filter, Fuel, Lpg [Coalescent], 2-73
 Filter, Fuel, 2-4, 2-59, 2-103, 2-105
 Filter, Fuelock, [Ballwin#4-2384b], 2-113
 Filter, Fuellockoff, Lpg, 2-69
 Filter, Oil, 2-57
 Filter, Panel, Heat-A/C, 3-41, 3-47, 3-57, 3-61
 Filter, Pre-Cleaner, A/C, 2-83, 2-85, 2-87, 2-91
 Fitting - 45, 3-27
 Fitting Kit [Epr], 2-79
 Fitting, 90 Deg, 2-57
 Fitting, Brass Drain Cock, 2-59, 2-69, 2-71
 Fitting, Brass, Tee, 3-49, 3-63
 Fitting, Brs, Adapter, 2-75
 Fitting, Brs, E45, Pm06/Pf06, 2-71
 Fitting, Brs, E90, Em05/Pm02, 2-105
 Fitting, Brs, E90, Em10/Pm06, 2-85
 Fitting, Brs, E90, Em10/Pm08, 3-43, 3-49, 3-59, 3-63
 Fitting, Brs, E90, If05/Pm02, 2-105
 Fitting, Brs, E90, If05/Pm04, 4-67, 4-69
 Fitting, Brs, E90, Pm04/Pf04, 2-71
 Fitting, Brs, E90, Pm06/Em10, 2-71
 Fitting, Brs, E90, Em05/Pm04, 2-109
 Fitting, Brs, E90, If06/Pm04, 2-107
 Fitting, Brs, E90, Pm04/Pf04, 2-107
 Fitting, Brs, Rst, Pf04/.69-16f, .063, 2-73
 Fitting, Brs, Str, Bm05/Pm04, 2-105
 Fitting, Brs, Str, Em10/Pm08, 3-43, 3-49, 3-59, 3-63
 Fitting, Brs, Str, If05/If05, 2-105
 Fitting, Brs, Str, If05/Pm02, 2-105
 Fitting, Brs, Str, Pm06/Em10, 2-71
 Fitting, Brs, Str, Pm08/Pf06, 2-61, 2-73
 Fitting, Brs, Str, Bm05/Pm04, 2-109
 Fitting, Brs, Str, If05/If05, 2-107
 Fitting, Brs, Str, If06/If06, 2-107
 Fitting, Brs, Str, Pf06/Pm08, 2-63
 Fitting, Brs, Str, Pm02, Service, 2-89, 2-93
 Fitting, Brs, Str, Pm04/Bm05, 2-107
 Fitting, Brs, Str, Pm04/Bm06, T, 2-73
 Fitting, Brs, Str, Pm08/Pf04, 2-73
 Fitting, Brs, Tee, Pf08/Pf08/Pf08, 3-43,

3-49, 3-59, 3-63
 Fitting, Bshg, 2-65, 2-79
 Fitting, Cap, 2-75
 Fitting, Coolant Plug, 4-63, 4-65, 4-67, 4-69
 Fitting, Draincock, .25npt 90, 2-73
 Fitting, Draincock, .25npt, 2-121, 2-123, 2-125
 Fitting, Draincock, E90, .25npt, 2-125
 Fitting, E70, 2-75
 Fitting, E90, 2-65, 2-75, 2-79, 2-80
 Fitting, Elbow, 2-61, 2-73, 3-41, 3-47, 3-57, 3-61
 Fitting, Fuel Inlet, Lpg, 4-63, 4-65
 Fitting, Fuel, Str, 0.38-24 [07 Eng], 2-109
 Fitting, Fuel, Str, 0.56-18 [07 Eng], 2-109
 Fitting, Hose, 10hose/Pm06, 2-75
 Fitting, Hose, Vacuum, .25, 2-75
 Fitting, Hose, 2-61
 Fitting, Hyd, E45, Jm06/Om06, 2-137
 Fitting, Hyd, E45, Pm04/Pf04, 2-113
 Fitting, Hyd, E90, Jm08/Pm04, 2-73
 Fitting, Hyd, E90, Pm06/Jm06, 2-57
 Fitting, Hyd, E90, Swivel Pf04/Pm04, 2-113, 2-115, 2-117
 Fitting, Hyd, Plug, Jm06, 2-57
 Fitting, Hyd, Str, Jm04/Om04, 2-155
 Fitting, Hyd, Str, Jm05/Om06, 2-107
 Fitting, Hyd, Str, Jm06/Om04, 2-127, 2-129, 2-131
 Fitting, Hyd, Str, Jm06/Om06, 2-107
 Fitting, Hyd, Str, Pm04/Pf02, 2-71
 Fitting, Hyd, Str, Pm08/Pm08, 3-43, 3-49, 3-59, 3-63
 Fitting, Hyd, Tee, Jf06/Jm06/Jm06, Br, 2-127, 2-129, 2-131
 Fitting, Hyd, Tee, Jf06/Jm06/Jm06, Run, 3-23
 Fitting, Nipple, .25mal, 2-79
 Fitting, Nipple, .25npt, Brs, 2-75
 Fitting, Pipe, Plug, Pm02 Soc Head, 4-63, 4-65, 4-67, 4-69
 Fitting, Pipe, Plug, Pm04 Hex Soc, 2-73
 Fitting, Pipe, Str, Pm04/Pf02, 2-113, 2-115, 2-117
 Fitting, Pipe, Str, Pm04/Sf04, 2-117
 Fitting, Pipe, Tee, Pm06/Pf06/Pf06, 2-75
 Fitting, Plstc, Tee, Bm12/Bm12/Bm12, 3-49, 3-63
 Fitting, Plstc, Tee, Bm12/Pf08/Bm12, 2-73
 Fitting, Plug, Pm08 Sq Head, 2-71
 Fitting, Plug, 2-127, 2-129, 2-131
 Fitting, Special, Carb, 2-67
 Fitting, Str, E90, .25npt, 2-75
 Fitting, Str, 2-75
 Fitting-Brs Str, 2-103
 Fitting, 2-57, 2-61, 2-63, 2-73, 2-76
 Fitting, Plstc, Str, Bm06/M.69-16, 2-73
 Flange, Mounting, 4-32, 4-33
 Flange, Brg, 3 Hole, 2-169
 Flasher Heavy Duty, 3-17
 Flasher, 12v, 3-15
 Flat Washer, 3/8" Hard, 3-23

Fluid, Hyd Oil, SHP 15/40 5Gal, 2-4
 Flywheel Ring Gear, 5-17
 Flywheel, 5-17, 6-17
 Foam, Door, 4-49
 Foam, Front Sill, 4-51
 Foam, Insulation, 3-19
 Foam, Lh Front Pos, 4-51
 Foam, Lh Rear Pos, 4-51
 Foam, Lh Side Sill, 4-51
 Foam, Rear Sill, 4-51
 Foam, Rh Front Pos, 4-51
 Foam, Rh Rear Pos, 4-51
 Foam, Rh Upper Sill, 4-51
 Follower, Piston, 4-3, 4-7, 4-13, 4-17
 Foot, Fan, 4-53
 Frame, Pane, Cab, Side, 4-47
 Frame, Pane, Door, Side, 4-49
 Frame&Mag.As, 5-9, 6-9
 Frame, 2-7
 Ftg, Breather, 2-37, 3-79
 Ftg, EI90 Npt/02Pf-02Pm, 2-59
 Ftg, Grease.12 Npt 45 .88L, 2-173
 Ftg, Grease.25-28Th 90 .75L, 2-137
 Ftg, Shrader, 4-53
 Ftg, Brass Tee 04Pf- 04Pm- 04Pf, 2-69
 Ftg, Brass, St Bm03/Pm02, 2-69, 3-79
 Ftg, Brass, Tee 06If- 02Pm- 06If, 2-143
 Ftg, Bulkhead .25Npt Wh W21204, 2-111, 2-113, 2-115, 2-117
 Ftg, Bulkhead-Barb Wh 1074X4, 2-37, 3-79
 Ftg-Brs E90 Bm05/Pm02, 2-67
 Ftg-Brs E90 Bm10/Pm06, 2-69
 Ftg-Brs If05/If05, 2-103
 Ftg-Brs Str Bm03/Pm02, 2-37
 Ftg-Brs Str If05/Pm02, 2-103
 Ftg-EI90 Npt/Npt 04Pf/04Pm, 2-111, 2-113, 2-115, 2-117
 Ftg-Hyd E45 Jm04/Om04, 2-137, 2-171
 Ftg-Hyd E45 Jm08/Om08, 2-177
 Ftg-Hyd E45 Jm12/Jf12, 2-147
 Ftg-Hyd E45 Jm20/Jf20, 2-147
 Ftg-Hyd E45 Pm04/Pf04, 2-111, 2-113, 2-115, 2-117
 Ftg-Hyd E90 Jm04/Om04, 2-165
 Ftg-Hyd E90 Jm04/Jf04, 2-25, 2-29, 2-155
 Ftg-Hyd E90 Jm04/Om04, 2-29, 2-157, 2-165, 2-171, 2-177, 3-23
 Ftg-Hyd E90 Jm04/Om06, 2-25, 2-159
 Ftg-Hyd E90 Jm06/Jf06, 2-159
 Ftg-Hyd E90 Jm06/Om06, 2-137
 Ftg-Hyd E90 Jm06/Om08, 2-25, 2-127, 2-129, 2-131
 Ftg-Hyd E90 Jm08/Jf08, 2-157, 2-159, 3-27
 Ftg-Hyd E90 Jm08/Om08, 2-157, 3-27
 Ftg-Hyd E90 Jm08/Om10, 2-177
 Ftg-Hyd E90 Jm12/Om12, 2-147
 Ftg-Hyd E90 Jm12/om12, 2-21
 Ftg-Hyd E90 Jm12/Om16, 2-147
 Ftg-Hyd E90 Pm06/Jm10, 2-67
 Ftg-Hyd E90 Pm08/Jm10, 2-69, 2-71
 Ftg-Hyd E90 Special Jm12/Jf12, 2-155

Ftg-Hyd E90, 2-155, 2-165
 Ftg-Hyd Plg Om06, 3-23
 Ftg-Hyd Plg Om12, 2-155
 Ftg-Hyd Rst Jm04/.047, 2-159
 Ftg-Hyd Rst Jm04/.063, 2-25
 Ftg-Hyd Str Jm12/Om16, 2-147
 Ftg-Hyd Str Jm04/Om04, 2-169
 Ftg-Hyd Str Jm04/Om06, 2-159
 Ftg-Hyd Str Jm04/Om08, 2-25
 Ftg-Hyd Str Jm06/Jf08, 3-27
 Ftg-Hyd Str Jm06/Om06, 2-157, 2-179, 3-23, 3-27
 Ftg-Hyd Str Jm06/Om08, 2-127, 2-129, 2-131, 2-159
 Ftg-Hyd Str Jm06/Om10, 2-147, 2-161
 Ftg-Hyd Str Jm06Om06L, 2-157
 Ftg-Hyd Str Jm08/Jm06, 2-161
 Ftg-Hyd Str Jm08/Jm08, 2-177
 Ftg-Hyd Str Jm08/Om08, 2-157, 2-159, 2-169
 Ftg-Hyd Str Jm08/Om10, 2-147, 2-177
 Ftg-Hyd Str Jm08Om08L, 2-157
 Ftg-Hyd Str Jm12/Om12, 2-21, 2-155
 Ftg-Hyd Str Jm12/Om16, 2-137
 Ftg-Hyd Str Jm12Om12L, 2-157
 Ftg-Hyd Str Jm20/Om20, 2-147, 2-155
 Ftg-Hyd Str Om08/Of06, 3-27
 Ftg-Hyd Str Pm04/Jm06, 2-69
 Ftg-Hyd Str Pm04/Pf02, 2-39, 2-69
 Ftg-Hyd str, 2-165
 Ftg-Hyd StrJm06/Om10, 3-27
 Ftg-Hyd Tee Jm04Jfjm, 2-159
 Ftg-Hyd Tee Jm04Jmjf, 2-159
 Ftg-Hyd Tee Jm04Jmjm, 2-29
 Ftg-Hyd Tee Jm04Jmom, 2-155
 Ftg-Hyd Tee Jm04Omjm, 2-127, 2-129, 2-131
 Ftg-Hyd Tee Jm06Jmjf, 2-155, 2-159
 Ftg-Hyd Tee Jm06Jmom, 2-155
 Ftg-Hyd Tee Jm06Omjm, 3-27
 Ftg-Hyd Tee Jm08Jmjf, 2-157, 3-27
 Ftg-Hyd Tee Jm08Omjm, 2-159
 Ftg-Hyd Tee Jm12Jfjm, 2-147
 Ftg-Hyd Tee Jm12Jmjf, 2-155
 Ftg-Str Npt/Npt S04Pf-04Pm, 2-111, 2-113
 Ftg-Tee Npt 04Pm- 04Pf- 04Pf, 2-111, 2-113, 2-115, 2-117
 Fuel, Fltr [Gm 1.6l/3.0l], 2-107
 Fuelline, .31d 05if/05jf Stl, 2-107
 Fuelline, .31d Str/E90, Plstc, 2-107
 Fuelline, .31d Str/Str, Plstc, 2-107
 Fuelline, .312 Od, 2-103
 Fuelline, .31d 05if/05f, 2-105
 Fuelline, .31d 05if/05if, 2-105
 Fuelline, .31d 05if/Bea, 2-105
 Fuelline, .31d 05if/Qm Stl, 2-107
 Fuelline, .31d E90, 05/06, Plstc, 2-109
 Fuelline, .31d Str/Str, Plstc [8200], 2-109
 Fuelline, .31d Str/Str, Plstc [M20/T20 07], 2-109
 Fuelline, .375 Od, 2-69
 Fuelline, .38d 06if/06if Stl, 2-107
 Fuelline, .38d 06if/Bea Stl, 2-107

CROSS REFERENCE

Fuelock Replacement Kit, 2-69
 Fuse, 10 Amp, 2-217
 Fuse, 15 Amp, [Min-15], 2-215, 2-217
 Fuse, 20 Amp, [Min-20], 2-215, 2-217
 Fuse, 5 Amp, [Min-5], 2-215, 2-217
 Fuse, 60 Amp, 2-217

G

Gas Cap, Protectoseal, 3-74
 Gasket Kit, Vacfan, Replmt [800I], 2-175
 Gasket Oil, 5-5, 5-11
 Gasket Water Outlet Connection, 5-23, 6-23
 Gasket, 2.7D 1.5B.12T 5/ 2.1Bc, 2-103
 Gasket, Body, Throttle [1.6I], 2-65, 2-75, 2-79
 Gasket, Box/Cab, 4-55, 4-57
 Gasket, Cab Pressurizer, 3-35
 Gasket, Carb To Engine, 2-59, 2-67
 Gasket, Carb, 2-63, 2-75
 Gasket, Carburetor Air Horn, 2-59
 Gasket, Cover, Alum, 3-79
 Gasket, Exh. Flange, 5-15, 6-15
 Gasket, Exhaust, 2 Hole, 3.4bc, 2-99
 Gasket, Exhaust, 2hole, 3.4bc, 2-101
 Gasket, Fire Switch, 2-177
 Gasket, Flng, Exhaust, 2-101
 Gasket, Head, 5-5, 5-6, 6-5, 6-6
 Gasket, Hyd Cap, 2-155
 Gasket, Hyd Tank Breather, 2-155
 Gasket, Lpg, Adapter [Gm 2007], 2-79
 Gasket, Lpg, Mixer [Gm 2007], 2-79
 Gasket, Manifold, Intake, 2-65, 2-79
 Gasket, Send-Unit, 2-105
 Gasket, Sender, Fuel, 2-107, 2-109
 Gasket, Oil Pan, 5-5, 5-11, 6-5, 6-11
 Gasket, Rocker Cover, 5-21, 6-21
 Gasket, 2-61, 2-63, 2-73, 2-75, 2-76, 2-97, 2-99, 7-3, 7-5, 7-9, 7-11, 7-12
 Gauge, Sight Lh, 2-155
 Gauge, Sight, A/C, 3-41, 3-47
 Gear Assy, Idler, 4-25
 Gear Assy, 5-9, 6-9
 Gear, [Slip Fit], 4-25
 Gear, Drive, 4-25
 Gear, Idler, 4-23, 4-25
 Gear, Ring [Fd], 6-17
 Gear, Slip Fit, 4-23
 Gear, 4-23, 4-25, 7-5, 7-11, 7-12
 Geroler Set, Motor, Hyd, 4-31
 Geroter, Ring In En, 4-5, 4-9, 4-15, 4-19
 Geroter, Ring Ot En, 4-5, 4-9, 4-15, 4-19
 Gerotor Set Cl, 4-37
 Gerotor Set, 4-27, 4-29, 4-32, 4-33
 Governor and Control Unit Assy, Gas, 2-59
 Governor and Control Unit Assy, Lpg 2.3, 2-67
 Governor Assy, Gas, 2-59
 Governor Assy, Lpg, 2-67
 Grip, Handle, Flat, 3-71
 Grommet Rbr 0.25Id For .09Matl, 3-17, 3-33

Grommet, Cab, Harness, Wire, 3-41, 3-47, 3-57, 3-61
 Grommet, Flexible .25, 2-7
 Grommet, Rbr, 0.38 Id For .12mat, 3-11, 3-13
 Grommet, Rbr, 0.56 Id For .13mat, 3-11, 3-13
 Grommet, Rbr, 3.25Id, F/3.5h, .06 Matl, 2-89, 2-93
 Grommet, Rbr, 3.75Id F/ 4.0H ., 2-83, 2-85, 2-87, 2-91
 Grommet, Rbr, 0.25Id, For .09Matl, 2-181
 Grommet, Rbr, 0.38Id, For .06Matl, 3-3, 3-5, 3-7, 3-9
 Grommet, Rbr, 0.50Id, For .25Matl, 2-7
 Grommet, Rbr, 0.62Id, For .06Matl, 2-37, 3-79
 Grommet, Rbr, 0.63Id, For .06Matl, 3-3
 Grommet, Rbr, 0.63Id, For .13Matl, 3-7
 Grommet, Rbr, 0.75Id, For .13Matl, 3-17
 Grommet, 2-43, 2-63, 2-75, 3-11, 3-13, 3-15, 4-47
 Gskt Kit, Lower, 5-5, 6-5
 Gskt Kit, Upper, 5-5, 6-5
 Gskt, Exh. Mnfl, 5-15, 6-15
 Gskt, Frnt Cvr, 5-5, 6-5
 Gskt, Front Cvr, 5-7, 6-7
 Gskt, In. Mnfl, 5-5, 6-5
 Gskt, Int. Mnfl, 5-15, 6-15
 Gskt, Oilpmp/Blk, 5-11, 6-11
 Gskt, Pmp/Putube, 5-5, 6-5
 Gskt, Pu Tube, 5-11, 6-11
 Gskt, Rockr Cvr, 5-5, 6-5
 Gskt, Water Pump, 5-5, 5-23, 6-5, 6-23
 Gskt-Waterout, 5-5, 6-5
 Guard Kit, Overhead, 3-19
 Guard Wldt, Alternator, F/60559, 2-39
 Guard Wldt, Hopper, 2-33
 Guard Wldt, Lights, Revl & Flsh, 3-3, 3-5, 3-7, 3-9
 Guard Wldt, Overhead, 3-19
 Guard Wldt, Side Brush, 2-161
 Guard Wldt, Sidebrush, 3-27
 Guard, Alternator, 3-65
 Guard, Belt, A/C, 3-51
 Guard, Belt, Alternator, 2-51, 2-53
 Guard, Mirror, 3-37
 Guard, Side Brush, 2-161, 3-27
 Guide, 2-35

H

Handle, Center, 2-159
 Handle, Container, 2-31
 Handle, Lh, 2-159
 Handle, Lift, Brush, 2-179
 Handle, Rh, 2-159
 Handle, Valve, Cntrl, 2-125
 Handle, 3-71
 Harness, Rfs Jumper, 3-79
 Harness, Adapter, Eng, Gas/Lpg [Gm3.0I], 2-227
 Harness, Adaptor [800/8410], 2-225

Harness, Alarm, Back-up, 3-15
 Harness, Alarm, Backup, 3-11, 3-13
 Harness, Cab (See Fig. 30), 4-47
 Harness, Cab, 800/810, 4-52
 Harness, Directional, 3-17
 Harness, Eng [3.0I, Gm, E-cntrl], 2-215
 Harness, Eng, Gas [3.0I 2007], 2-217
 Harness, Eng, Lpg [3.0I 2007], 2-217
 Harness, Eng, 2-109
 Harness, Gm 3.0 L Engine Harness, 2-212
 Harness, Hopper 800/810, 2-202
 Harness, Hopper, Rfs, 3-79
 Harness, Injector, Gas[3.0I Gm, E-Cntrl], 2-216
 Harness, Lpg Injector [3.0I, Gm, E-Cont], 2-216
 Harness, Main, Gas/LPG, Lrg, 2-201, 2-207, 2-212
 Harness, Motor, Duct, 3-79
 Harness, Neutral, Start, 3-82
 Harness, Side Brush, L.H., 3-30
 Harness, Switch, Oil Press, Ground Wire, 2-45, 2-48
 Harness, Turn/Rotate/Tail Lights, 2-203
 Harness, Wire, Eng, 6-24
 Harness, Rev/Flsh Light, Cab, Ohg, 3-3, 3-5, 3-7, 3-9
 Head-W/O Valves, 5-6, 6-6
 Head, 7-3
 Headlight, 12V.Rect., 2-31
 Headliner, Front, 4-51
 Headliner, Rear Cw, 4-51
 Heater & A/C, W/ Fan, Roof, 3-41, 3-47, 3-57, 3-61
 Heater Coil, 4-55, 4-57
 Hinge, W/Pin, 2-17, 2-19
 Hinge, 2-15, 2-17, 2-19, 2-31
 Hook, Cable, .44d Ball, 2-161, 3-27
 Hook, Lift [Gm3.0I 2007], 2-47, 2-48
 Hook, S-.120 X 1.31, Zinc Pl., 2-7
 Hopper Floor Kit, St Stil 800, 3-20
 Hopper Wldt, 2-27
 Horn, 12 Volt, 2-15
 Horn, Back-up Alarm, 3-15
 Hose Assy, Drain, A/C, 3-41, 3-47, 3-81
 Hose Lpg, 10Lpg 28In.Lg, 2-69, 2-71
 Hose, .50, 2-57
 Hose, .62Id X 20.0 Lng Heater, 2-69, 2-71
 Hose, [Pcv], 2-43
 Hose, 0050, 04, 1m05str /lf05str , 10.0, 2-105, 2-107
 Hose, 9.5mm X 450mm [Pcv], 2-63, 2-75
 Hose, A/C, 06 09.0I, 3-41, 3-47
 Hose, A/C, 08 100.0I [R134], 3-43
 Hose, A/C, 08, Str/E90, 112.0I [R134], 3-49
 Hose, A/C, 12 107.0I [R134], 3-43
 Hose, A/C, 12 115.0I [R134], 3-43
 Hose, A/C, 12, Str/E90, 127.0I [R134], 3-49
 Hose, Balancing, Press, 45mm, 2-75
 Hose, Balancing, Press, 680mm, 2-75
 Hose, Conv, 2-73

Hose, Coolant, 1.50id To 1.75id, Mold, 2-123, 2-125
Hose, Drain, Overflow, Radiator, 2-129, 2-131
Hose, Fan Inlet, 2-175
Hose, Fuel, 0.31id [Evap Emission 07], 2-109
Hose, Fuel, .38d, Rbr, 2-65, 2-79
Hose, Fuel, 0.31id 11.0l, 2-105
Hose, Fuel, 0.31id 14.0l, 2-105
Hose, Fuel, 0.31id 16.0l, 2-107
Hose, Fuel, 0.50id 52.0l, 2-61, 2-63
Hose, Fuel, 165mm, 2-75
Hose, Fuel, Jf06e90, 20.3l, 2-107
Hose, Fuelline, 10.0L, 2-103
Hose, Heater .62id X 15.0Lg, 2-59
Hose, Heater .62id X 38.0Lg, 2-59
Hose, Heater, 0.38id x 18.0 L, 2-61
Hose, Heater, 0.38id x 21.0id, 2-73
Hose, Heater, 0.38id, 2-61
Hose, Heater, 0.62id 13.0l, 2-85, 3-43, 3-59
Hose, Heater, 0.62id 18.0l, 2-87
Hose, Heater, 0.62id 20.0l, 3-43, 3-59
Hose, Heater, 0.62id 24.0l, 2-91, 3-43, 3-49, 3-59, 3-63
Hose, Heater, 0.62id 31.0l, 3-43, 3-49, 3-59, 3-63
Hose, Heater, 0.62id 77.0l, 3-43, 3-49, 3-59, 3-63
Hose, Heater, 0.62id 80.0l, 3-43, 3-49, 3-59, 3-63
Hose, Heater, 0.62id, 024.0l, 2-89, 2-93
Hose, Heater, 0.75id 04.0l, 3-49, 3-63
Hose, Heater, Str, 0.62id 15.0, 2-71
Hose, Hyd, Med06, Jf06e90/Jf06str, 068.0, 3-31
Hose, Hyd, Low04, Jf04str/Jf04, 2-151
Hose, Hyd, Low06, Jf06str/Jf06str, 26.0, 2-57
Hose, Intake, Mold, 2.00id [Epdm], 2-93
Hose, Intake, Mold, 3.00id 2.00id [Epdm], 2-93
Hose, Intake, Mold, Rwk 380592, 2-89
Hose, Lpg, 4Lpg X 35.0Lg, 2-111, 2-113, 2-115
Hose, Lpg, 4Lpg X 40.0Lg, 2-111
Hose, Lpg, Med05, Pm04str/Sm04str, 055.0, 2-115, 2-117
Hose, Lpg, Med05, Pm04str/Sm04str, 31.0l, 2-113
Hose, Lpg, Med05, Pm04str/Sm04str, 46.0l, 2-115, 2-117
Hose, Lpg, Med05, Pm04str/Sm04str, 67.0l, 2-113
Hose, Lpg, Med08, Jf08str/Jf08str, 35.0, 2-73
Hose, Lpg, Med08, Jf08str/Jf08str, 37.5, 2-73
Hose, Mold [Epr To Mixer], 2-80
Hose, Mold, .62 To .75, 2-75, 2-79
Hose, Mold, .62 X 37.0, 2-75
Hose, Molded, 2-83, 2-85, 2-87, 2-91

Hose, Pvc, Clr, 0.38id 0.56od 13.00l, 2-73
Hose, Pvc, Clr, 0.38id 0.56od 048.0l, 2-125
Hose, Radiator, Lower, 2-119
Hose, Radiator, Upper, 2-119
Hose, Rbr 1.50id 1.88od 12.0 L, 2-119
Hose, Rbr, 1.50id 1.88od 06.0l, 2-121, 2-123
Hose, Rbr, 1.50id 1.88od 12.0l, 2-121, 2-123, 2-125
Hose, Rbr, 1.50id 1.88od 04.0l, 2-125
Hose, Rbr, 1.50id 1.88od 6.0 L, 2-119
Hose, Rbr, 2.00id 2.50od 03.0l, 2-87, 2-91
Hose, Rbr, E120 1.50id 1.20id 05.0 05.2, 2-123
Hose, Rbr, E120 1.50id 1.20id 06.4 2.7, 2-121
Hose, Rbr, E90 1.50id 1.50id 09.4 6.3, 2-121
Hose, Rbr, E90 1.50id 1.62id 0.40 04.0, 2-123
Hose, Rbr, E90, 1.50id 1.50id 06.3 04.5, 2-125
Hose, Rbr, E90, 2.00id 2.00id 03.5 03.5, 2-89
Hose, Rubber.38ldx.62Od 21.0Lg, 2-59, 2-67
Hose, Rubber, 2-59, 2-67
Hose, Supply, Gas, .25id, 2-80
Hose, Vac, Rubber, 2-37
Hose, Vacuum, .16 Id X 76.0 Lg, 3-79
Hose, Vacuum, .16Id X 15.0 Lg, 2-39
Hose, Vacuum, .16Id X 21.0Lg, 2-69
Hose, Valve, Fuel Trim, 325mm, 2-75
Hose, Valve, Press Trim, 405mm, 2-75
Hose, Heater .62ldx15.0Lg, 2-69, 2-71
Hose, Heater .62ldx53.0Lg, 2-59, 2-69, 2-71
Hose&2Cuff Assy, Vinyl2.0ld10Ft, 3-71
Hose&cuff Assy, Vinyl4.0ldx50, 2-175
Hose-Hyd Ar 04, 2-151, 2-153
Hose-Hyd Ar04, 2-151, 2-153
Hose-Hyd Low 04, 2-151, 2-153
Hose-Hyd Low04 Jf/J9, 2-151, 2-153
Hose-Hyd Low06, 2-151, 2-153
Hose-Hyd Low12 Jf/Jf, 2-151, 2-153
Hose-Hyd Low12 Jf/jf, 2-151, 2-153
Hose-Hyd Low12, 2-151, 2-153
Hose-Hyd Med 04, 3-31
Hose-Hyd Med 06, 3-31
Hose-Hyd Med04 Jf/J4, 2-151, 2-153
Hose-Hyd Med04 Jf/Jf, 2-151, 2-153
Hose-Hyd Med04, 2-151, 2-153
Hose-Hyd Med06 Jf/J9, 2-151, 2-153
Hose-Hyd Med06 Jf/Jf, 2-151, 2-153
Hose-Hyd Med06, 2-151, 2-153
Hose-Hyd Med08 Jf/J4, 2-151, 2-153
Hose-Hyd Med08 Jf/J9, 2-151, 2-153
Hose-Hyd Med08, 2-151, 2-153
Hose-Hyd Med12, 2-151, 2-153
Hose-Hyd Med78 Jf/J9, 2-151, 2-153
Hose-Hyd Suc20 Spcl 22.5, 2-151, 2-153
Hose-Hyd, 2-151, 2-153
Hose, 2-61, 5-3, 6-3

House, Wheel, 2-137
Housing Assembly, 4-55, 4-57
Housing Assy, Throttle, Gas, [With Ecu] (See Breakdowns), 2-61
Housing Assy, Throttle, Gas, [With Ecu], 4-67
Housing Assy, Throttle, Gas, [Without Ecu] (See Breakdowns), 2-61
Housing Assy, Throttle, Gas, [Without Ecu], 4-69
Housing Assy, Throttle, Gas, 2-63
Housing Assy, Throttle, Lpg [Gm 3.0l], 2-75
Housing Assy, Throttle, Lpg, [With Ecu] (See Breakdowns), 2-73
Housing Assy, Throttle, Lpg, [With Ecu], 4-63
Housing Assy, Throttle, Lpg, [Without Ecu] (See Breakdowns), 2-73
Housing Assy, Throttle, Lpg, [Without Ecu], 4-65
Housing Assy, 4-27, 4-29
Housing En, 4-3, 4-7, 4-13, 4-17
Housing S/A En, 4-3, 4-7, 4-13, 4-17
Housing Wldt, Vac Fan, Front, 2-175
Housing Wldt, Vac Fan, Rear, 2-175
Housing, Bearing, Motor, Hyd, 4-31
Housing, Brg, 4-27, 4-29
Housing, Condenser, 4-53
Housing, Flywheel, 2.5 Lrg, 2-41
Housing, Flywheel, Machined 2.3 Lrg, 2-41
Housing, Sppt, Wheel (Repl. by 375534), 2-137
Housing, Throttle, 40mm [Bosch], 2-63, 2-65, 2-79
Housing, Throttle, Gas, 4-67, 4-69
Housing, Throttle, Lpg, 4-63, 4-65
Housing, Valve, 4-31
Housing, Control En, 4-21
Housing, Control, 4-11
Housing, 2-43, 2-45, 2-47, 4-25, 4-33, 7-3, 7-5, 7-11
Hsg W/Brg, 5-9, 6-9
Hub and Stud Assy., 2-137
Hub Assy, 2-141

I

Ignition Coil, 5-24, 6-24
Ignition Module Kit, 6-24
Ignition Module, 5-24
Impeller 9.5 Dia. 18 Blade Mac, 2-175
Indicator Service Air Filter, 2-83, 2-85, 2-87, 2-91
Indicator, Service, Fltr, Air [20h20 Dn], 2-89, 2-93
Indicator, Oil, 5-3, 6-3
Injector, Fuel, Lpg [3.0l Gm] 8410, 4-63, 4-65
Injector, Gas, W/ Top And Bottom Org, 4-67, 4-69
Inner Cover, 5-7, 6-7
Insert-Oilfilt, 5-3, 6-3

CROSS REFERENCE

Instr. Valve Repair Info, 4-41
 Instr, Kit, Repair, Pump, Hyd, 4-25
 Insulation, Acoustic, Fan, 2-175
 Insulation, Acoustic, Vac Fan, 2-177
 Insulation, Acstc, 1.0 09.9w 25.0l, 2-13
 Insulation, Acstc, Front, Lower, 3-35
 Insulation, Acstc, Side, Lower, .8t, 3-35
 Insulation, S/Foam .5T 17.0X 15, 2-15
 Insulation, S/Foam 1.0 Seal Brake Pedal, 2-143
 Insulation, S/Foam 1.0X3.0X3.0, 2-7
 Insulation, S/Foam 1.5X4.0X4.0, 2-7
 Insulation, S/Foam, .8T 16.5X5, 2-15
 Insulation, S/Foam, .8T 17.0X15, 2-15
 Insulation, S/Foam, .8T 18.0X4.5, 2-15
 Insulation, S/Foam, .8T 23.0X4X3, 2-15
 Insulation, S/Foam, Seat, 2-13
 Insulation, S/Foam, 2-7
 Insulation, Sound Foam, 2-143
 Insulation, S/Foam .8X19.3X20.3, 2-15
 Insulation, 2-13
 Int.Manifold, 5-15, 6-15
 Isolator [Epr], 2-79
 Isolator Kit, Mtg, Vaporizer, Rbr, 2-75
 Isolator, Box, Relay, 2-75
 Isolator, Mounting, 2-41
 Isolator, Mtg, 2-41, 2-43, 2-45, 2-47
 Isolator, Rbr, 2-101
 Isolator, Rubber, 2-99
 Isolator, Vac Fan, 2-157
 Isolator, Vib, Flng, 1.3l .5b 2/.39h, 2-43, 2-45, 2-47
 Isolator, Vib, Flng, 2.0l .5b 2/.41h, 2-43, 2-45, 2-47
 Isolator, Vib, Ring, 1.0d .25-.20/.25-20, 2-99, 2-101
 Isolator, Vibration, 2-177
 Isolator-Vibration .25-20, 2-95, 2-97
 Isolator-Vibration .31-18, 2-21, 2-127, 2-129, 2-131
 Isolator-Vibration, 60 Lb. Ratng, 2-177

K

Keeper, Latch, Pane, 4-47, 4-49
 Key En, 4-5, 4-9, 4-15, 4-19
 Key Set, Switch Ku, 2-181
 Key Set, 4-49
 Key, Motor, Hyd, 4-31
 Key, Round, 4-23
 Key, Square 0.12 0.12 00.50 LG, 4-35
 Key, Woodruff, 4-32
 Key, 4-25, 4-27, 4-29, 4-34, 7-3, 7-11, 7-12
 Kit, Adaptor, Manifold, 4-63, 4-65, 4-67, 4-69
 Kit, Alarm, Backup, 3-15
 Kit, Alternator, Hd, Gas/Lpg, 3-65
 Kit, Bearing Crankshaft, 5-13
 Kit, Ci, Alternator, Hd, Gas/Lpg, [Gm3.0l], 3-67
 Kit, Ci, Drain Hose, A/C, 3-81
 Kit, Connector, Coolant Sensor, 4-63, 4-65, 4-67, 4-69

Kit, Connector, Gas Injector, 4-67, 4-69
 Kit, Connector, Govnr, 4-63, 4-65, 4-67, 4-69
 Kit, Connector, Sensor, [lat], 4-63, 4-65, 4-67, 4-69
 Kit, Connector, Sensor, [Map], 4-63, 4-65
 Kit, Ftg, Coolant, 4-67, 4-69
 Kit, Gasket, Manifold, 4-63, 4-65, 4-67, 4-69
 Kit, Light, Flsh, Low, 3-11
 Kit, Light, Revl, Low, 3-13
 Kit, Org, Injector And Reg, Gas, 4-67, 4-69
 Kit, Org, Injector, Top And Bottom, Lpg, 4-63, 4-65
 Kit, Reg, Gas Press, 4-67, 4-69
 Kit, Repair, Fuelock, Mv 310-6, 2-113
 Kit, Repair, Vaporizer, F/383170, 2-71
 Kit, Replmt, Control, Govnr, [All Purps], 2-59, 2-67
 Kit, Replmt, Controller, 4-63
 Kit, Seal, Hyd, Motor, 4-31
 Kit, Seal, Hyd, Pump, 4-23
 Kit, Seal, Motor, Hyd, 4-31
 Kit, Seal, Pump, 4-25
 Kit, Signal, Turn, 3-17
 Kit-Attaching, 5-9, 6-9
 Knob, Plastic, 2-165, 2-173
 Knob, Rnd, Control, Heat-A/C, 3-41, 3-47, 3-57, 3-61
 Knob, 0.38-16, 1.25Dia, Plastic, 3-71
 Knob, 2-159

L

Label Set, Info & Hazard, 2-228
 Label Set, Operational 800, 2-228
 Label, Caution, 3-41, 3-47
 Label, Instr, Filter Drain, 2-73
 Label, Logo, 10.4l, Oval[Tennant, Blu/Grn], 2-228
 Label, Numerals 800, 2-228
 Label, Opertnl, Fan, Hi/Med/Low, 3-41, 3-47, 3-57, 3-61
 Label, Opertnl, Pull Heat, 3-41, 3-47, 3-57, 3-61
 Label, Opertnl, Temp, 3-41, 3-47
 Label, Vac Wand, 3-71
 Label, Wiper, 4-47
 Lamp, 12VDC 55w, 3-15, 3-33
 Lamp, 4-47
 Lanyard Assy., 2-21
 Latch Assy, Lpg Tank Mtg, W/Nut, 2-111, 2-113, 2-115, 2-117
 Latch Assy, Rbr, 1.6d 1.4l/1.0d 1.0l, 3-35
 Latch, Bolt, 2-15, 2-17, 2-19
 Latch, Bumper, 2-33
 Latch, Door, 3-77
 Latch, Hook (Supplier's Lh), 2-11
 Latch, Hook (Supplier's Rh), 2-9
 Latch, Hook Rh, 2-17, 2-19
 Latch, Hook, Rh, Single Catch, 2-31
 Latch, Hook, Rh, 2-15
 Latch, Keeper, Pane [J-dak], 4-47, 4-49

Latch, Pane, Cab, 4-47, 4-49
 Latch, Rear Wind, 4-47
 Latch, Tension, 4-55, 4-57
 Latch, 2-21, 2-169
 Leg Wldt, Bumper, Se, 3-21
 Lens, Flashing Amb 12V, 3-11
 Lens, Flashing Blue, 3-11
 Lens, Flashing Red, 3-11
 Lens, Rev. Light, Amber, 3-13
 Lens, Rev. Light, Blue, 3-13
 Lens, Rev. Light, Red, 3-13
 Lens, Flashing Lite Fr207 Amber, 3-3, 3-5
 Lens, Flashing Lite Fr207 Blue, 3-3, 3-5
 Lens, Flashing Lite Fr207 Red, 3-3, 3-5
 Lens, Rev. Light, Amber, 3-7, 3-9
 Lens, Rev. Light, Blue, 3-7, 3-9
 Lens, Rev. Light, Red, 3-7, 3-9
 Lever, Brake, 2-143
 Lever, Pump, Propel, 2-145
 Lever, 5-9, 6-9
 Lifter, 7-3
 Lifting Eye, 5-15, 6-15
 Light Assy Mark/Yel 12V- . A, 3-17
 Light Assy Stop/Red 12V- . A, 2-7
 Light Kit Flsh 800L Cab, 3-5
 Light Kit Flsh 800L Ohg, 3-3
 Light Kit Revl 800L Cab, 3-9
 Light Kit Revl 800L Ohg, 3-7
 Light Kit, Side Brush, 3-33
 Light, Check Eng, Amb, 14vdc, 2-181
 Light, Dome 12V, 4-47
 Light, Flashing Amb 12v-re, 3-11
 Light, Flashing, Amber, 12V-Re, 3-3, 3-5
 Light, Indicator 14V Red 1.2x0.7, 2-181
 Light, Rev. Amber 12v-re, 3-13
 Light, Spot 12V, 32cp, 3-15
 Light, Spot, 12VDC 55w, 3-33
 Light, Rev. Amber 12V-Reworked, 3-7, 3-9
 Link, 0.18, 1.5w 03.6l, 1/0.4h 1/0.3h, 2-101
 Link, Connecting, 4-49
 Link, Eccentric, 2-35
 Link, Feedback En, 4-21
 Link, Feedback, 4-11
 Link, Tension 2.4L, 3-45
 Linkage Kit, Governor, 2-59, 2-67
 Lintel, Main, 2-15
 Lintel, Rear, 2-15
 Locknut, 5-23, 6-23
 Lockwasher En, 4-3, 4-7, 4-13, 4-17
 Louver, Adj, Heat-A/C, 3-41, 3-47, 3-57, 3-61
 Lower Cover, 5-7, 6-7

M

Magnet, Drive Brush, 2-31
 Main Brg., 002 Lower, 5-13
 Main Brg., 002 Upper, 5-13
 Main Brg., 010 Lower, 5-13
 Main Brg., 010 Upper, 5-13
 Main Brg., 030 Lower, 5-13
 Main Brg., 030 Upper, 5-13
 Main Brg, Std Blu, 5-13

Main Brg,Stdred, 5-13
 Maintenance Kit, 400HR 800/810 gas, 2-4
 Maintenance Kit, 400HR 800/810 lpg, 2-4
 Maintenance Kit, 800HR 800/810, 2-4
 Maintenance Kit, Skirts 800, 2-4
 Maintenance Kit, Skirts, 2-4
 Manifold, Exhaust [2007], 2-65, 2-79
 Manifold, Exhaust, 2-61, 2-63, 2-73, 2-76
 Manifold, Gas, Relief, Valve, 2-109
 Manifold, Intake [2007], 2-65, 2-79
 Manifold, Intake, 2-61, 2-63, 2-73, 2-76
 Manual Op/Mt 800G French, 3-84
 Manual Control En, 4-21
 Manual Op/Mt 800G Spanish, 3-84
 Manual Pkg 800G, 3-84
 Manual, CD-ROM, Oprtr&Parts, All (NA), 3-84
 Manual, Service 800/810, 3-84
 Manual, Service FD (Lrg) 2.3L, 3-84
 Manual, Service FD (Lrg) 2.5L, 3-84
 Manual, Service, Eng, [Gm 3.0L], 3-84
 Mirror Assembly, 3-37
 Mirror Kit, Side Brush, 3-37
 Mirror, Flat, 3-37
 Mirror,8.0 Round,Convex, 3-37
 Module, Ecu, Gas [Gm 3.0l], 2-63
 Module, Ecu, Gas [Gm3.0l 2007], 2-65
 Module, Ecu, Lpg [Gm 3.0l], 2-75
 Module, Ecu, Lpg [Gm3.0l 2007], 2-79
 Module, 7-5
 Molding, Trim (Gasoline only), 4-47
 Molding, Trim 11-14Ga 4.0, 2-143
 Molding, Trim 11-14Ga 15.75, 2-13
 Molding, Trim 11-14Ga 5.75, 2-13
 Molding, Trim 16Ga&Thinnr 10.0, 2-13
 Molding, Trim, Pvc, .08-.11 01.0l, 2-7
 Molding, Trim, Pvc, .08-.11 08.5l (Gas only), 2-13
 Molding, Trim, Pvc,.18-.31 01.5l, 4-51
 Motor, Ele, Geared, 12Vdc, 3-79
 Motor, Electric, 13.6 Vdc, 2-35
 Motor, Hyd Gear In 17.9 B 1500 (See Breakdowns), 3-27
 Motor, Hyd, (See Breakdowns), 2-161
 Motor, Hyd, Gear, [In] 29.9 B 3000, 4-31
 Motor, Hydraulic, 4-32, 4-33, 4-34, 4-35
 Motor, Propelling, 4-27, 4-29
 Motor, Starting, Perm Mag, 12V, 5-9, 6-9
 Motor, Wiper 12V, 4-47
 Motor-Hyd Gear (See Breakdowns), 2-137
 Motor-Hyd Gear Ex (See Breakdowns), 2-177
 Motor-Hyd Gear In (See Breakdowns), 2-137, 2-169
 Motor-Hyd, Gear In 10.0 (See Breakdowns), 2-127, 2-129, 2-131
 Mount, Cable Tie, 3-41, 3-47, 3-81
 Mount, Filter, Remote, 2-57
 Mount, Tie, 3-15
 Muffler, Catalytic [Gm 1.6/3.0], 2-99
 Muffler, Catalytic [Gm 3.0l 2007], 2-101
 Muffler, Exhaust, 2-95, 2-97, 3-83

N

Nozzle, 7-11
 Nut En, 4-3, 4-7, 4-13, 4-17
 Nut Low Crown .62-18, 2-165
 Nut M8-1.25, 5-15, 6-15
 Nut, Adjustable, Lpg Tank Mtg, 2-111, 2-113, 2-115, 2-117
 Nut, Cart., LNG CP, 4-43
 Nut, Cart., LNG., 4-38
 Nut, Cart., SHT CP, 4-43
 Nut, Cart., Sht, 4-39
 Nut, Conn Rod, 7-7
 Nut, Conrod-8, 5-22, 6-22
 Nut, Flanged, .38-24, 2-51
 Nut, Flng, M8, 2-79
 Nut, Hex Lock m06, 2-31
 Nut, Hex Lock m10, 2-165, 3-23
 Nut, Hex, Flange, 2-165, 3-23
 Nut, Hex, Flng, .38-16, 2-65, 2-79
 Nut, Hex, Flng, M05 X 0.8, 2-71
 Nut, Hex, Flng, M08 X 1.25, 2-43, 2-45, 2-47
 Nut, Hex, Flng, M10 X 1.5, 2-161, 2-166, 2-169, 3-23, 3-28, 3-51
 Nut, Hex, Flng, M10 X 1.50, 2-9, 2-11
 Nut, Hex, Flng, M12 X 1.75, 2-135, 2-169
 Nut, Hex, Flng, M6 X 1.0, 2-127, 2-129, 2-131, 2-145, 2-157
 Nut, Hex, Flng, M6 X 1.00, 2-19, 2-115, 2-117, 2-162, 3-27
 Nut, Hex, Flng, M8 X 1.25, 2-27, 2-53, 2-55, 2-89, 2-93, 2-115, 2-117, 2-133, 3-67
 Nut, Hex, Jam, .25-28, 2-145
 Nut, Hex, Lock, .25-20, NI, Ss, 2-145
 Nut, Hex, Lock, .25-20, NI, 2-57, 2-109
 Nut, Hex, Lock, .31-24, NI, 3-33
 Nut, Hex, Lock, .38-16, NI, Ss, 3-51
 Nut, Hex, Lock, .38-16, NI, 2-43, 2-45, 2-47, 2-53, 2-55, 2-115, 2-117, 2-127, 2-129, 2-131, 2-169, 2-177, 3-51, 3-55, 3-67, 3-69
 Nut, Hex, Lock, .50-13, NI, Ss, 2-169
 Nut, Hex, Lock, .50-13, NI, 2-137, 2-161, 3-27
 Nut, Hex, Lock, M 6 X 1.0, NI, 2-133
 Nut, Hex, Lock, M06 X 1.0, NI, 2-17, 2-19
 Nut, Hex, Lock, M08 X 1.25, NI, 3-33
 Nut, Hex, Lock, M10 X 1.5, NI, 2-31, 2-48, 2-127, 2-129, 2-131, 2-145, 2-162, 2-166, 2-175, 3-23, 3-28, 3-52
 Nut, Hex, Lock, M10 X 1.5, Ss, 3-51, 3-55
 Nut, Hex, Lock, M12 X 1.75, NI, 2-43, 2-45, 2-47, 2-48
 Nut, Hex, Lock, M16 X 2.0, NI, 3-24
 Nut, Hex, Lock, M6 X 1.0, NI, 2-35, 2-87, 2-91, 2-165, 3-23
 Nut, Hex, Lock, M6 X 1.0, Ss, NI, 2-145
 Nut, Hex, Lock, M6 X 1.00, NI, 2-9, 2-11, 2-125, 2-175
 Nut, Hex, Lock, M8 X 1.25, NI, Ss, 2-27
 Nut, Hex, Lock, M8 X 1.25, NI, 2-27, 2-89, 2-93, 2-115, 2-117, 2-127, 2-129,

2-131, 2-161, 2-166, 2-169, 2-175, 3-24, 3-28, 3-51, 3-55, 3-69
 Nut, Hex, Lock, 3-17
 Nut, Hex, M10 X 1.50 [Stover], 2-101
 Nut, Hex, Std, .25-20, 2-65, 2-79, 2-99, 2-101
 Nut, Hex, Std, .31-18, Ss, 3-37
 Nut, Hex, Std, .31-18, 2-21, 2-127, 2-129, 2-131, 2-177
 Nut, Hex, Std, .38-16, 2-97, 2-99, 2-101
 Nut, Hex, Std, .44-14, 5, 2-9, 2-11
 Nut, Hex, Std, .62-18, 2-173
 Nut, Hex, Std, #10-24, 2-43, 2-45, 2-47
 Nut, Hex, Std, M05 X 0.8, 2-43, 2-45, 2-47, 2-113
 Nut, Hex, Std, M08 X 1.25, 3-51
 Nut, Hex, Std, M10 X 1.5, Ss, 2-161, 3-28
 Nut, Hex, Std, M10 X 1.5, 2-161, 3-28
 Nut, Hex, Std, M12 X 1.75, Ss, 2-15
 Nut, Hex, Std, M12 X 1.75, 2-17, 2-19
 Nut, Hex, Std, M4 X 0.7, 8, 2-107
 Nut, Hex, Std, M4 X 0.70, 8, 2-109
 Nut, Hex, Std, M5 X 0.8, 8, 2-107
 Nut, Hex, Std, M5 X 0.80, 8, 2-109
 Nut, Hex, Std, M8 X 1.25, 2-19, 2-161, 3-24, 3-28
 Nut, Hex, Stover, M10 X 1.5, 2-99
 Nut, Jam, 4-3, 4-7, 4-13, 4-17
 Nut, Low Crown, .62-18, 2-173
 Nut, M6, 5-7, 6-7
 Nut, Motor, Hyd, 4-31
 Nut, Slotted Hex, 4-32
 Nut, Wheel Lug, 9/16-18, 2-139
 Nut, Wheel Lug, 2-137
 Nut, Lock-Special 2.16-18Uns, 2-137
 Nut, M10, 5-11, 6-11
 Nut, Wing .44-20 Special, 2-83, 2-85, 2-87, 2-91
 Nut&Washer, M8, 5-9, 6-9
 Nut-hx Jam M20x1.5 4 Pltd, 2-179
 Nut-Hxlocnyln .31-24 Reg Pltd, 2-127, 2-129, 2-131
 Nut-Hxslot 1.00-20 Pltd, 2-139
 Nut-Low Crown .50-20 Pltd, 2-175
 Nut, 2-61, 2-63, 2-73, 2-75, 4-27, 4-29, 7-3, 7-9

O

O-Ring Gland, 2-147
 O-Ring, Water Pump Adaptor, 5-23, 6-23
 O-Ring, 2.375, 5-11, 6-11
 O-Ring-2.250, 5-11, 6-11
 Oil Pan Assy, 5-11, 6-11
 Oil Pan Spacer, 5-11, 6-11
 Oil Pan, 7-9
 Oil Pickup Tube, 5-11, 6-11
 Oil Plug, 5-11, 6-11
 Oil Pmp Sprkt, 5-11, 6-11
 Oil Pump, 5-11, 6-11
 Oil Seal, Front, 5-5, 5-13, 5-19, 6-5, 6-13, 6-19
 Oper/Video Vhs, 800, 3-84

CROSS REFERENCE

Orifice, Valve En, 4-3, 4-7, 4-13, 4-17
Outer Cover, 5-7, 6-7
Outlet For engine serial numbers
(004937-006999), 7-3
Output Shaft Assembly, 4-32

P

Pad, Tread, 2-7, 2-145
Pad, 2-143
Paddle Handle, 4-49
Pane Assy, Glass, Sliding, Cab Lh, 4-47
Pane Assy, Glass, Sliding, Cab, Door, 4-49
Pane, Glass, Cab, Front, 4-47
Pane, Glass, Cab, Rear, 4-47
Pane, Glass, Door Front, 4-49
Pane, Glass, Door, Rear, 4-49
Pane, Glass, Windshield, 4-47
Panel Wldt w/label, 2-13
Panel Wldt, Access Floor, 2-145
Panel Wldt, Cover Engine, 2-15
Panel Wldt, Fender, Lh, 2-31
Panel Wldt, Fender, Rh, 2-31
Panel Wldt, Hopper, Floor, LH, 3-20
Panel Wldt, Hopper, Floor, RH, 3-20
Panel Wldt, Rear, Lh, 2-7
Panel Wldt, Rear, Rh, 2-7
Panel Wldt, Shaker, 2-35
Panel, Air Conditioning, 2-13
Panel, Bottom, Hopper, Rh, 2-27
Panel, Corner, Eng Cover, 2-15
Panel, Cover, Access, 2-13
Panel, Cover, Corner, 2-15
Panel, Cover, Dash, 2-181
Panel, Cover, 3-71
Panel, Deflector, Dirt, Lh, 2-27
Panel, Deflector, Dirt, Rh, 2-27
Panel, Fuel Inlet w/label, 2-13
Panel, Fuel, Inlet, Lpg, 2-13
Panel, Headlight, 2-31
Panel, Hopper, Bottom, Lh, 2-27
Panel, Louver, 2-17
Panel, Permafilter, Upper, 2-27
Panel, Support, Seat, 2-13
Panel, Vacuum Duct, 2-15
Panel, 3-3, 3-5, 3-7, 3-9
Pcv Vlv Asy, 5-3, 6-3
Pedal Wldt, Propel Lower W/tread, 2-145
Pedal Wldt, 2-143
Pedal, Upper W/tread, 2-145
Pedestal Wldt, Light, 3-11, 3-13
Pin Assy, .312X3.0 W/Lanyard, 3-27
Pin Assy, Side Brush W/clip, 2-161
Pin Assy, Spring, 4-49
Pin Weldt., 2-23
Pin Wldt., 2-25
Pin Wldt, Latch, 2-31
Pin, 1.00 Odx 4.50, Drilled, 2-25
Pin, 1.25 Odx 3.50, Grooved, 2-25
Pin, 1.250 Od X 4.50, 2-25
Pin, 1.500 ODx7.81, Drilled, 2-23
Pin, 1/4X.32, 5-19, 6-19
Pin, Clevis .18 Dia.X .62 Lg, 2-159

Pin, Clevis .25 Dia, 1.000 Lg., 2-145
Pin, Clevis .31 Dia X 4.50 Lg, 2-145
Pin, Clevis .375D X 1.000 Lg, 2-143
Pin, Clevis .375D X 1.312 Lg, 2-145
Pin, Clevis .50 Dia X 2.25 Lg, 2-29
Pin, Clevis .50 Dia X 4.50 Lg, 2-145
Pin, Clevis, 0.31 D X 0.75l, 2-127
Pin, Clevis, 2-145
Pin, Cntrl Assy En, 4-21
Pin, Cotter .094X1.00, 2-165
Pin, Cotter, .125 X 0.75, 2-145
Pin, Cotter, .125 X 2.00, 2-139
Pin, Hair Cotter, 0.69 D .092 Wir, 2-127
Pin, Haircotter .31D .058Wire, 2-145
Pin, Haircotter .31d .058wire, 2-159
Pin, Headed En, 4-21
Pin, Headed, 4-11
Pin, Hitch .50D X 1.50L, 2-7
Pin, Latch, 4-49
Pin, Retainer, 2-75
Pin, Roll, 2-41
Pin, Clevis, 0.37 Dia.X 2.12 Lg, 2-165, 3-23
Pin, Clevis, 0.50 Dia.X 2.00 Lg, 2-171
Pin, Clevis, 0.50 Dia.X 3.50 Lg, 2-159
Pin, Roll, .18Odx1.62L, .187/.192, 3-71
Pin, 2-23, 2-29, 2-161, 3-27, 4-37, 7-5, 7-7, 7-9, 7-11
Pipe Wldt, Exhaust, Gas/Lpg, 2-95
Pipe, 2-73
Piston Pin, 5-22, 6-22
Piston, .020" O.S., 7-7
Piston, Hi-limit, 7-7
Piston, Servo, 4-3, 4-7, 4-13, 4-17
Piston, Std., 5-22, 6-22
Piston, STD, 7-7
Piston, 4-31
Pivot Wldt, Wheel, 2-137
Planet Bearing, 5-9, 6-9
Plate & Brg, 5-9, 6-9
Plate Kit, 7-12
Plate Wldt., 2-111, 2-113, 2-115, 2-117
Plate Wldt, Inlet, Fuel (LPG Only), 3-35
Plate Wldt, Skirt, 3-73
Plate Wldt, Vac Door, 3-71
Plate Wldt, 2-165, 3-23
Plate, Adapter, 4-23
Plate, Adaptor, 4-25
Plate, Adj, Brush, 2-173
Plate, Angle, 2-161, 2-165, 3-23, 3-27
Plate, Back, Pump, Hyd, 4-25
Plate, Back, 4-23
Plate, Backing, 4-61
Plate, Circuit Breaker, 2-182
Plate, Cover En, 4-3, 4-7, 4-13, 4-17
Plate, Cover, 2-27, 2-165
Plate, Drive, 2-43, 2-45, 2-47
Plate, Front, Pump, Hyd, 4-25
Plate, Front, 4-23
Plate, Guide, Bumper, 2-7
Plate, Injector Mtg, W/ Screw, 4-63, 4-65, 4-67, 4-69
Plate, Latch, 3-71
Plate, Link, 2-23

Plate, Motor, Hyd, 4-31
Plate, Mounting, Rfs Control, 3-79
Plate, Mounting, Tank, Gas, 2-103
Plate, Mounting, Vac Door, 3-71
Plate, Mounting, Water Pump, 2-39
Plate, Mtg, Check Valve, 3-27
Plate, Mtg, Latch, 2-169
Plate, Mtg, Relay, 2-182
Plate, Mtg, Steering Boot, 2-179
Plate, Mtg, Switch, A/C, 3-41, 3-47, 3-57, 3-61
Plate, Mtg, Tank, Gas, 2-105, 2-107, 2-109
Plate, Mtg, Valve, Solenoid, 2-157
Plate, Mtg, W/ Screw, [Ecu], Gas, 4-67
Plate, Mtg, W/ Screw, [Ecu], Lpg, 4-63
Plate, Mtg, 2-111, 2-113, 2-115, 2-117
Plate, Pin Retainer, 2-23, 2-25
Plate, Pivot, Wheel, 2-137
Plate, Retainer, Foam, 2-177
Plate, Retainer, 3-73
Plate, Seal, 2-169
Plate, Shield, Heat, W/Label, 2-121, 2-123
Plate, Shield, Heat, 2-53, 3-51, 3-67
Plate, Shutter, 3-79
Plate, Side Brush Roller, 2-165
Plate, Side Brush, Roller, 3-23
Plate, Spacer, Mtg, Eng 2.3Fd, 2-41
Plate, Spacer, 2-25
Plate, Spring - Side Brush, 2-175
Plate, Striker, 2-21
Plate, Support, Cover Se, 2-15
Plate, Vac Fan, 2-175
Plate, Valve, Motor, Hyd, 4-31
Plate, Wear, 4-37
Plate-Cover, 2-165
Plate, 2-61, 2-73, 2-145, 2-165, 3-23, 3-71, 3-73, 4-27, 4-29, 4-49, 5-19, 6-19
Plug .06 O/S, 5-3, 6-3
Plug & O-Ring En, 4-41
Plug #2, 4-43
Plug #8, 4-3, 4-7, 4-13, 4-17
Plug 1/4 Npt, 5-3, 5-6, 6-3, 6-6
Plug 3/8 NPT, 5-15, 6-15
Plug 3/8 Npt, 5-3, 6-3
Plug Assembly En, 4-41
Plug Assembly, 4-27, 4-29
Plug Assy, Byd En, 4-41
Plug Assy, 4-31
Plug En, 4-5, 4-9, 4-15, 4-19, 4-21
Plug Gage #4, 4-43
Plug Gage #6, 4-41, 4-43
Plug S/A En, 4-3, 4-7, 4-13, 4-17
Plug Weld, Brush Drive, Sweep, 2-169
Plug Wldt, Idler, 2-169
Plug, #2 O-Ring, 4-39
Plug, 1.50 Cup, 5-3
Plug, 1/2Npt, 5-15, 6-15
Plug, Control Box, 2-59, 2-67
Plug, Drain, 3-71
Plug, Hole, Injector, 2-80
Plug, O-Ring, 4-25, 4-29
Plug, O-ring, 4-23
Plug, Plstc, Sq, 4-59, 4-61

Plug, Rbr, Rnd, 4-59, 4-61
 Plug, Tube, 2-169
 Plug, #12 O-Ring Ph, 4-3, 4-7, 4-13, 4-17
 Plug, 1.50 Cup, 5-6, 6-6
 Plug-Std 2.078, 5-3, 6-3
 Plug, 4-11, 4-31, 5-7, 5-19, 6-7, 6-19, 7-3, 7-7, 7-9
 Plugbtn .62H .03-.12 Blacknyl, 2-182
 Plugbtn .62H .03-.12 Blacknyl, 4-57
 Plugbtn .75h .03-.12 Blacknyl, 2-13
 Plugbtn .88H .03-.12 Blacknyl, 4-57
 Plugbtn 1.25h .12 Max Blacknyl, 2-13
 Plugbutton .88H .03-.12 Blacknyl, 2-15
 Plugbutton, 2-13, 2-181, 3-19
 Plunger En, 4-41
 Pole Piece, 7-5
 Poppet En, 4-5, 4-9, 4-15, 4-19, 4-41
 Poppet, Pump, Hyd, Gear, 4-31
 Poppet, 4-31
 Pulley - Cable, 1.5 Dia, 3-23
 Pulley Assy, Cable, 1.5 Dia, 2-165
 Pulley, Alternator, 2-39
 Pulley, Fan, 2-51, 2-53, 2-55
 Pump, Fuel, Gas, 2-105
 Pump, Fuel, Hi Press [Gm 1.6l/3.0l], 2-109
 Pump, Fuel, Hi-Press [Gm 1.6l/3.0l], 2-107
 Pump, Fuel, 2-103
 Pump, Hyd Piston V 2.48 (See breakdowns), 3-82
 Pump, Hyd, Gear, [Ex3] 0.66 [R] 3000, 4-25
 Pump, Hyd, 4-23
 Pump-Hyd Gear Ex (See Breakdowns), 2-147
 Pump-Hyd Piston V (See Breakdowns), 2-147
 Pump, 7-9

R

Race, Bearing Ce, 4-3, 4-7, 4-13, 4-17
 Race, Bearing, 4-37
 Race, Thrust, 4-32, 4-33
 Radiator, 2-127, 2-129, 2-131
 Rear Plate, 5-17, 6-17
 Rectifier, 2-39
 Regulator [Ep], 2-79
 Regulator, 2-39, 2-73
 Reinforcement, 7-3
 Relay 12Vdc 40A Spdt, 3-11, 3-13
 Relay, 12vdc, 20a, Spdt, 2-215, 2-217
 Relay, 12vdc, 40a, Spdt N/O, 3-41, 3-47, 3-57, 3-61
 Relay, 12vdc, 40a, Spdt, 2-215, 2-217
 Relay, Shrouded, 12 Vdc, 2-182, 3-79
 Relay, Shrouded, 12V, 3-3, 3-5, 3-7, 3-9
 Relief Valve Sa En, 4-5, 4-9, 4-15, 4-19
 Repair Info, Motor, 4-29, 4-33
 Repair Info, Pump, 4-23
 Repair Info, Mtr Cl, 4-31
 Repair Info, Pmp En, 4-5, 4-9, 4-15, 4-19
 Repair Info, Scu Cl, 4-37

Replacement Kit, Rh. Side Brush Cable, 2-161
 Replacement Kit, Roller, Side Brush Lift, 2-165, 3-23
 Replacement Kit, Side Brush Cable, Lh, 3-27
 Replm Kit, Case, 2-181
 Replm Kit, Cir Board, 2-181
 Replm Kit, Flywheel, 5-17
 Replm Kit, Hourmeter, 2-181
 Replm Kit, Instr Panel, 2-181
 Replm Kit, Lamp, Backlighting (Set of 8), 2-181
 Replm Kit, Lamp, Fault (Set of 8), 2-181
 Replm Kit, Seal, 2-181
 Replm Kit, Touch Panel, 2-181
 Restrictor, Jet, Coolant, 2-75
 Retainer, Front, Motor, Hyd, 4-31
 Retainer, Frt, 4-27, 4-29
 Retainer, 5-9, 6-9, 7-5
 Retaining Ring-External, 1.25D, 2-25
 Retaining Ring, 5-9, 6-9
 Retaining Rng En, 4-41
 Retnr.Gear, 5-9, 6-9
 Rfs Kit, 3-79
 Ring Kit, .030" O.S., 7-7
 Ring Kit, Std, 7-7
 Ring Set, Std., 5-22, 6-22
 Ring Wldt, Mtg, Filter, 2-35
 Ring Wldt, Shaker, 2-35
 Ring, Isolator, Outer Rbr, 2-127, 2-129, 2-131, 2-175
 Ring, Isolator, Outer, Rbr, 2-35
 Ring, Rear Window, 4-47
 Ring, Retainer, Lock, 2-137
 Ring, Retainer, 4-37
 Ring, Retaining En, 4-5, 4-9, 4-15, 4-19, 4-21
 Ring, Retaining, Ex 1.5 Dia Hd, 2-23
 Ring, Retaining, Ext 1.12, 2-35
 Ring, Retaining, 4-11
 Ring, Rubber, 2-83, 2-85, 2-87, 2-91
 Ring, Retain, Ex, 0.50 Stl Steel, 2-145
 Ring, Retain, Ex, 0.50Od, Heavy Dt, 2-179
 Ring-Drv.Stop, 5-9, 6-9
 Ring, 2-159, 7-12
 Rivet, Blind, .125d X 0.32 X .25d, Stl, 3-79
 Rivet, Plastic .250Dx.898, 2-179
 Rivet, Plastic .325D X .787, 2-13
 Rivet, Plastic, 2-9, 2-11, 3-35
 Rivet, Pop, 2-17
 Rod End .250-28 .25Dia, 2-145
 Rod Wldt, Push, Brake, 2-143
 Rod, Hanger, Isolator, 2-99, 2-101
 Rod, Latch, Steering, Tilt, 2-179
 Rod, Seat, 2-13
 Rod, Support Cover, 2-15
 Rod, Thr, 2 End .50-13 05.75, 2-171
 Rod, Thread, 2-165, 2-173
 Rod-End, .25-28rh Fem 0.25b [Teflon], 2-145
 Rod-Thrd, Full .25-28, 2-145
 Rod-Thread, 2End M08X1.25X10Lg,

2-143
 Rod, 5-19, 6-19, 7-3
 Roll Pin En, 4-5, 4-9, 4-15, 4-19
 Rotating Kit, 4-3, 4-7, 4-13, 4-17
 Rotator, 7-3
 Rotor, 7-5

S

Scr Flt M8x1.25 20, 2-157
 Scr Hex .38-16X0.75, 2-179
 Scr Soc M6x1.0 20, 2-59, 2-67
 Scr&Wash M6, 5-19, 6-19
 Scr&Wsh,M6X15.0M, 5-21, 6-21
 Scr&Wsh,M6X22.5, 5-7, 6-7
 Scr-Hxfmgm 5X0.8 16 pltd, 2-15
 Scr-Hxfmgm 6x1.0 12 Pltd, 3-35
 Scr-Set 10-24X0.25 Nylon Loc, 3-79
 Scr-Shld .500Dx0.50L .38-16, 2-7
 Scr-soc .50-13x2.75 Alloypltd, 2-137
 Scr-soc M12x1.75 60, 2-137
 Screen, Filter, 2-35
 Screen, Muffler, 2-95, 2-97
 Screen, w/Suction Pipe, 7-9
 Screen, w/Tube, 7-9
 Screw Flt, 2-177
 Screw Set M 6X1.020, 2-159
 Screw, .38-16 X 1.00, 2-65, 2-79
 Screw, .38-24 X 4.0, 2-51
 Screw, Cap En, 4-3, 4-5, 4-7, 4-9, 4-13, 4-15, 4-17, 4-19
 Screw, Cap, Motor, Hyd, 4-25, 4-31
 Screw, Cap, 4-3, 4-7, 4-13, 4-17, 4-23, 4-27, 4-29
 Screw, Flt, .50-13 X 2.00, Al, 2-161, 3-27
 Screw, Flt, M10 X 1.5 X 25, 10.9, 2-161, 3-28
 Screw, Flt, M10 X 1.5 X 35, 10.9, 2-161, 3-28
 Screw, Flt, M5 X 0.8 X 16, 10.9, 2-169
 Screw, Flt, M8 X 1.25 X 30, Ss, 2-27
 Screw, Hex m06, 3-37
 Screw, Hex m08, 2-165, 3-23
 Screw, Hex m10, 2-165, 3-23
 Screw, Hex, .25-20 X 0.50, 5, 2-43, 2-45, 2-47
 Screw, Hex, .25-20 X 0.50, G5, 2-65, 2-79
 Screw, Hex, .25-20 X 0.75, 5, 2-73
 Screw, Hex, .25-20 X 0.75, G5, 2-65, 2-79
 Screw, Hex, .25-20 X 0.75, NI, 2-19
 Screw, Hex, .25-20 X 1.00, 5, 2-57, 2-145
 Screw, Hex, .25-20 X 1.25, G5, 2-65, 2-79
 Screw, Hex, .31-18 X 0.75, 5, 2-43, 2-45, 2-47, 2-121, 2-123
 Screw, Hex, .31-18 X 1.00, 5, 2-53, 2-55
 Screw, Hex, .31-18 X 1.25, 5, 2-51
 Screw, Hex, .31-24 X 0.75, 5, 2-51, 2-53, 2-55
 Screw, Hex, .38-16 X 0.62, 5, 7-5
 Screw, Hex, .38-16 X 0.75, 5, 2-53, 2-55, 3-67
 Screw, Hex, .38-16 X 1.00, 5, 2-43, 2-45, 2-47, 2-53, 2-55, 3-67

CROSS REFERENCE

Screw, Hex, .38-16 X 1.00, NI, 2-162, 3-28
 Screw, Hex, .38-16 X 1.25, 5, 2-145
 Screw, Hex, .38-16 X 1.25, G5, 3-55
 Screw, Hex, .38-16 X 2.00, 5, 2-127, 2-129, 2-131
 Screw, Hex, .38-16 X 2.00, FI, 2-43, 2-45, 2-47
 Screw, Hex, .38-16 X 2.25, 5, 2-51, 2-53, 2-55, 3-51, 3-67
 Screw, Hex, .38-16 X 2.50, G5, 3-55, 3-69
 Screw, Hex, .38-16 X 3.00, G5, 2-115, 2-117
 Screw, Hex, .38-16 X 4.00, 5, 2-53, 2-55, 3-51, 3-67
 Screw, Hex, .38-16 X 4.00, G5, 2-115, 2-117, 3-55, 3-69
 Screw, Hex, .38-24 X 1.50, 5, 3-51
 Screw, Hex, .38-24 X 1.50, G5, 3-55
 Screw, Hex, .50-13 X 3.50, 5, 2-169
 Screw, Hex, .62-18 X 0.31, 2-45, 2-48
 Screw, Hex, #08-32 X 0.38, Ss, 3-79
 Screw, Hex, #08-32 X 0.38, Tcut, 2-101
 Screw, Hex, #10-24 X 0.50, Ss, 2-53, 2-55
 Screw, Hex, M 8 X 1.25 X 40, FI, 3-51
 Screw, Hex, M05 X 0.8 X 25, Ss, 2-113
 Screw, Hex, M06 X 1.0 X 16, 8.8, 2-71
 Screw, Hex, M08 X 1.00 X 16, 10.9, 2-41
 Screw, Hex, M08 X 1.25 X 20, 8.8, 3-33
 Screw, Hex, M08 X 1.25 X 25, 8.8, 2-43, 2-45, 2-47
 Screw, Hex, M10 X 1.5 X 30, 8.8, 2-99
 Screw, Hex, M10 X 1.5 X 45, 8.8, 2-99
 Screw, Hex, M10 X 1.5 X 100, 8.8, 3-51
 Screw, Hex, M10 X 1.5 X 110, 8.8, 3-55
 Screw, Hex, M10 X 1.5 X 120, 8.8, FI, 3-51
 Screw, Hex, M10 X 1.5 X 130, 8.8, 3-51
 Screw, Hex, M10 X 1.5 X 20, Ss, NI, 2-23, 2-25
 Screw, Hex, M10 X 1.5 X 20, Ss, 2-161, 3-27
 Screw, Hex, M10 X 1.5 X 25, 8.8, 2-9, 2-11, 2-162, 2-166, 2-169, 3-23, 3-28, 3-52
 Screw, Hex, M10 X 1.5 X 25, Ss, NI, 2-162, 3-28
 Screw, Hex, M10 X 1.5 X 25, Ss, 2-35
 Screw, Hex, M10 X 1.5 X 30, 8.8, 2-48
 Screw, Hex, M10 X 1.5 X 35, 8.8, 2-35, 2-48, 2-101, 2-161, 2-166, 3-23, 3-28
 Screw, Hex, M10 X 1.5 X 40, 8.8, 2-145
 Screw, Hex, M10 X 1.5 X 45, 8.8, 2-101
 Screw, Hex, M10 X 1.5 X 50, 8.8, 2-175, 3-49, 3-63
 Screw, Hex, M10 X 1.5 X 60, 8.8, 2-135
 Screw, Hex, M10 X 1.5 X 80, 8.8, 2-166, 3-23
 Screw, Hex, M10 X 1.5 X 90, 8.8, FI, 3-28
 Screw, Hex, M10 X 1.5 X 90, 8.8, 2-31, 2-166, 3-23
 Screw, Hex, M12 X 1.75 X 60, 8.8, 2-43, 2-45, 2-47
 Screw, Hex, M12 X 1.75 X 30, 8.8, 2-169
 Screw, Hex, M12 X 1.75 X 35, 8.8, 2-48,

2-169
 Screw, Hex, M12 X 1.75 X 40, 8.8, 2-135
 Screw, Hex, M16 X 2.0 X 70, 8.8, FI, 3-24
 Screw, Hex, M20 X 2.5 X 60, 8.8, 2-137
 Screw, Hex, M20 X 2.5 X 70, 8.8, 2-137
 Screw, Hex, M4 X 0.7 X 6, 8.8, 3-51, 3-67
 Screw, Hex, M4 X 0.7 X 6, 8.8, 3-55, 3-69
 Screw, Hex, M6 X 1.0 X 35, 8.8, 2-133
 Screw, Hex, M6 X 1.0 X 10, 8.8, 2-125
 Screw, Hex, M6 X 1.0 X 12, Fmg, 2-27, 3-79
 Screw, Hex, M6 X 1.0 X 16, 8.8, 2-115, 2-117
 Screw, Hex, M6 X 1.0 X 20, 8.8, NI, 2-31, 2-169
 Screw, Hex, M6 X 1.0 X 20, 8.8, 2-19, 2-129, 2-131, 2-145, 2-157, 2-165, 2-175
 Screw, Hex, M6 X 1.0 X 20, Fmg, 2-161, 3-27, 3-47, 3-49, 3-61, 3-63
 Screw, Hex, M6 X 1.0 X 25, 8.8, 2-9, 2-11, 2-87, 2-91, 2-125, 2-162, 3-28
 Screw, Hex, M6 X 1.0 X 35, 8.8, 2-9, 2-11
 Screw, Hex, M6 X 1.0 X 35, Ss, 2-145
 Screw, Hex, M6 X 1.0 X 45, 8.8, 2-65
 Screw, Hex, M6 X 1.0 X 50, 8.8, 2-89, 2-93, 2-109
 Screw, Hex, M6 X 1.0 X 60, 8.8, 2-165, 3-23
 Screw, Hex, M8 X 1.25 X 16, 8.8, 2-99
 Screw, Hex, M8 X 1.25 X 20, 8.8, 2-99, 2-133, 3-51
 Screw, Hex, M8 X 1.25 X 25, 8.8, 2-133, 3-51, 3-67
 Screw, Hex, M8 X 1.25 X 16, 8.8, 2-31, 2-53, 2-55, 2-143, 3-67
 Screw, Hex, M8 X 1.25 X 20, 8.8, 2-19, 2-31, 2-101, 2-109, 2-115, 2-117, 2-127, 2-129, 2-131, 2-135, 2-165, 2-175, 3-23, 3-52
 Screw, Hex, M8 X 1.25 X 20, Ss, NI, 2-57, 2-145
 Screw, Hex, M8 X 1.25 X 20, Ss, 2-27
 Screw, Hex, M8 X 1.25 X 25, 8.8, 2-127, 2-129, 2-131, 3-67
 Screw, Hex, M8 X 1.25 X 25, Ss, 2-165, 3-23
 Screw, Hex, M8 X 1.25 X 30, 8.8, 2-101, 2-175, 3-23, 3-51
 Screw, Hex, M8 X 1.25 X 30, Ss, 2-27
 Screw, Hex, M8 X 1.25 X 40, 8.8, FI, 3-55, 3-69
 Screw, Hex, M8 X 1.25 X 40, 8.8, 2-161, 3-28
 Screw, Hex, M8 X 1.25 X 60, 8.8, 2-166, 2-169, 3-24
 Screw, Hex, M8 X 1.25 X 70, 8.8, 2-143
 Screw, M6 X 10mm, 2-65, 2-79
 Screw, Pan, #10-24 X 0.50, Fmg, 2-161, 3-28
 Screw, Pan, M 6 X 1.0 X 40, 4.8, 2-17, 2-19

Screw, Pan, M04, 3-17
 Screw, Pan, m06, 2-31
 Screw, Pan, M5 X 0.80 X 10, 4.8, 3-79
 Screw, Pan, M6 X 1.0 X 20, 4.8, 2-35
 Screw, Set En, 4-21
 Screw, Set, 2-169, 4-11
 Screw, Soc, .38-16 X 1.00, AI, 2-65, 2-79
 Screw, Soc, .38-16 X 2.25, G5, 2-45, 2-47
 Screw, Soc, #12-24 X 1.50, 2-79
 Screw, Soc, M6 X 1.00 X 70, 2-79
 Screw, M6X22.5mm, 5-7, 6-7
 Screw-Hex M10X1.5 90 Full Thd, 2-161
 Screw-Hex M10X1.5, 2-161
 Screw-Set M10 X 1.50 2045H, 2-145
 Screw, 2-51, 2-73, 4-33, 7-9
 Seal Cw, 4-47
 Seal Kit, 4-32, 4-33
 Seal Foam Rubber .75X1.5X3.5, 2-169
 Seal Kit, Cart CP, 4-43
 Seal Kit, Cart., 4-38
 Seal Kit, Cart, 4-39
 Seal Kit, Coil CP, 4-43
 Seal Kit, Coil, 4-38, 4-39
 Seal Kit, Cyl, Hyd, 4-45
 Seal Kit, Hyd Mtr Gear, 4-35
 Seal Kit, Motor, 4-27, 4-29
 Seal Kit, Pane, Cab, 4-47
 Seal Kit, Pane, Door, 4-49
 Seal Kit, Pump En, 4-3, 4-5, 4-7, 4-9, 4-13, 4-15, 4-17, 4-19
 Seal Kit, Rear, 4-29
 Seal Kit, Scu, 4-37
 Seal Kit, Shaft, 4-27, 4-29
 Seal Kit, Shaker Panel, 2-35
 Seal Kit, Vlv En, 4-41
 Seal Kit, Cntrl En, 4-21
 Seal Kit, Cntrl, 4-11
 Seal Kit, 4-34, 4-44
 Seal, 48.0 Lg., 2-13, 2-17, 2-19
 Seal, 7.00 Lg, 2-13
 Seal, Bearing, 2-179
 Seal, Boot, Steering Column, 2-179
 Seal, Brush Comp, Side, 2-4, 2-9, 2-11
 Seal, Brush Door, 2-9, 2-11
 Seal, Bulb, 90, 0.65d, 180.0l, 4-47
 Seal, Bulb, Sd-0504 19.75Lg, 2-15
 Seal, Bulb, Sd-0504 24.50Lg, 2-13
 Seal, Bulb, Sd-0504 28.00 Lg, 2-13
 Seal, Door, Brush, Lh, 2-9
 Seal, Door, Brush, Rh, 2-11
 Seal, Duct, 2-127, 2-129, 2-131
 Seal, Dust, 2-13, 2-27, 2-35
 Seal, Filter, 3-79
 Seal, Foam Rbr .19 .75W 8.43L, 3-71
 Seal, Foam Rbr .19 .75W 47.1L, 3-71
 Seal, Foam, .06t .25w 34.0l, 3-39
 Seal, Foam, .06t .25w 42.0l, 3-39
 Seal, Foam, .06t .25w 54.0l, 3-39
 Seal, Foam, .06t .25w 76.0l, 3-39
 Seal, Foam, .06t .25w 84.0l, 3-39
 Seal, Foam, Urethane Covered, 2-27
 Seal, Handle, Valve, 2-181
 Seal, Hinge, Cab Rear Glass [800], 4-47

- Seal, O-Ring .787Idx.210Th, 3-79
Seal, Org, .139 X 03.109 Id, 2-57
Seal, Org, 2-63, 2-75
Seal, Pan, Top, 2-4, 2-7
Seal, Rear Window, 4-47
Seal, Rear, 5-5, 6-5
Seal, Rod, Adjuster, 2-13, 2-173
Seal, Ure, 0.38 0.75w 19.5l Adh, 2-127, 2-129, 2-131
Seal, Urethane Covered Foam, 2-31
Seal, Urethane, 3-35, 3-79
Seal, Foam Rbr, .31 .75W 14.8L, 2-13
Seal, Foam Rbr, .62 .62W 24.5L, 2-15, 2-17, 2-19
Seal, Org, Lpg, Mixer [Gm 2007], 2-79
Seal, Valve Stem, 5-5, 6-5
Seal, 2-7, 2-13, 2-15, 3-71, 3-79, 5-9, 6-9, 7-11
Sealant, [Rtv], 03.35oz, 7-7
Sealant, [Rtv], 05.00oz, 7-7
Sealer, 7-3, 7-5
Sealing Kit, Operator Comp, 2-13
Seat Belt Kit, 3-77
Seat, Suspension, 2-13
Send Unit, Temperature, 2-39
Send Unit, 2-103
Send-Unit, Fuel [800/810 2007], 2-109
Send-Unit, Fuel, Ohm, 2-107
Send-unit, Water, Temperature, .38npt, 2-61, 2-73
Send-Unit, 2-105
Sender, Filter, Hydraulic, 2-21
Sending unit, Oil Press, 2-43, 2-45, 2-47
Sensor [T Map], 2-65, 2-79
Sensor, [Tmap], 2-63, 2-75
Sensor, Exhaust, Tailpipe, 2-101
Sensor, Manifold Press, 4-63, 4-65, 4-67, 4-69
Sensor, Oxygen [Gm 1.6l/3.0l 2007], 2-101
Sensor, Oxygen, 2-99
Sensor, Speed, Timing Wheel [3.0l], 2-63, 2-75
Sensor, Temp, Coolant, 2-63, 2-65, 2-75
Sensor, Temp, Water, 2-61
Sensor, Temp, 2-63, 2-65, 2-75, 2-79, 4-63, 4-65, 4-67, 4-69
Sensor, Water Temp, 2-73
Sensor, Crnkst, 5-7, 6-7
Separator, 5-3, 5-24, 6-3, 6-24
Set Screw, 2-35
Shaft and Brg, 4-27, 4-29
Shaft Wldt, Main Brush, 2-169
Shaft, Drive Sp En, 4-3, 4-7, 4-13, 4-17
Shaft, Eccentric, 2-35
Shaft, Idler, 2-169
Shaft, Input En, 4-21
Shaft, Input, 4-11
Shaft, Motor, Hyd, 4-31
Shaft, Pivot, 2-161, 3-27, 3-79
Shaft, 3-71, 4-33, 7-5
Shaker Bar Replacement Kit, 2-35
Sheave, [3L], 1Grv, 03.5Pd 0.67b, 3-51, 3-67
Sheave, 01grv, 03.5pd 0.67b [3l], 3-55, 3-69
Sheave, Alternator, Se, 3-65
Sheave, Aux, [Hc38], 1Grv 6.8od [Gm 3.0L], 3-51
Sheave, Aux, 1grv, 06.8od [Gm3.0l, Hc38], 3-55
Sheave, Eng Crank, Fd W/Tg 2Gr, 2-39
Sheave, Water Pump, 5-23, 6-23
Shft Asy, Output, 5-9, 6-9
Shield Wldt, Heat, Manifold, 2-125
Shield, Dust, 2-7, 2-43, 2-45, 2-47
Shield, Heat, Alternator [2007], 2-55
Shield, Heat, Alternator, Hd[800/810 07], 3-55, 3-69
Shield, Heat, Manifold, 2-65, 2-79
Shield, Heat, 2-99, 2-101, 4-63, 4-65, 4-67, 4-69
Shield, 7-3
Shim .003Th 0.88Odx0.506ld, 2-175
Shim .005Th 0.88Odx0.506ld, 2-175
Shim .010 Thk En, 4-41
Shim .010Th 0.88Odx0.506ld, 2-175
Shim .015 Thk En, 4-41
Shim .020Th 0.88Odx0.506ld, 2-175
Shim .035 Thk En, 4-41
Shim .060Th 0.880Dx0.506ld, 2-175
Shim, 4-31, 4-49
Shims En, 4-5, 4-9, 4-15, 4-19
Shoe, Brake, 4-59, 4-61
Short Tube, 5-3, 6-3
Shoulder Screw, 2-35
Shroud, Fan, Radiator, W/ Label [800l], 2-127, 2-129, 2-131
Signal Turn, 3-17
Skirt, Brush Door, 2-4, 2-9, 2-11
Skirt, Cover, Sbd, 3-73
Skirt, Deflection, 3-73
Skirt, Deflector, 2-27
Skirt, Front, Indoor, 2-4, 2-9, 2-11
Skirt, Lip, 2-27
Skirt, Retainer, 3-73
Skirt, Seal, Main Brush, 2-4, 2-7
Skirt, 3-73
Sleeve .438B 1.00D .35Stl, 3-23
Sleeve, .259B .38D .62 Dom, 2-159
Sleeve, .320B .32D .49 Lc Stl, 2-31
Sleeve, .344B .50D .81 Cr.Anc, 2-143
Sleeve, .375B .62D1.06 Stl, 2-137
Sleeve, .375B .75D .32 Stl, 2-165, 3-23
Sleeve, .385B .62D .62 Cd.Cad, 2-13
Sleeve, .408B .62D .53Stl, 2-145
Sleeve, .438B 1.00D .35 Stl, 2-165
Sleeve, 0.406B .750D .800Stl, 2-323
Sleeve, 0.406B 0.75D1.80 Stl, 2-165, 3-23
Sleeve, Alternator, 2-51, 2-53, 2-55, 3-67
Sleeve, Bearing, 2-35
Sleeve, Dashpo, Pump, Hyd, Gear, 4-31
Sleeve, Hyd 30", 2-169
Sleeve, Nyl #37 10.0L, 2-137
Sleeve, Nyl 16.0 L, 2-21
Sleeve, Nyl, #27 55.0l, 3-31
Sleeve, Nyl, #33 65.0l, 3-43, 3-49, 3-59, 3-63
Sleeve, Nylon #27 65.0L, 2-161
Sleeve, Nylon #27 55.0l, 3-27
Sleeve, P/M, 0.496d 0.318b 0.50l 430ss, 2-165
Sleeve, P/M, 0.496d 0.318b 0.65l 430ss, 2-165
Sleeve, Pivot, Door, 2-29
Sleeve, Throttle [Bosch], Plstc, 2-75
Sleeve, 0.406B .750D .800 Stl, 2-165
Sleeve, 2-83, 2-85, 2-87, 2-91, 3-23
Solenoid, 5-9, 6-9
Spacer En, 4-41
Spacer Plate, 4-33
Spacer, .25 L, 2-159
Spacer, .75D .9L .25-28 Th, 2-145
Spacer, .90L, 2-159
Spacer, Brake, 2-143
Spacer, Condenser, 4-53
Spacer, Pane, Glass, 4-47
Spacer, Sppt, Filter Lock Off, 2-75
Spacer-.50 Od X .055W X 1.0, 2-143
Spacer, 2-25, 2-61, 2-73, 2-127, 2-129, 2-131, 2-143, 2-161, 2-165, 2-175, 3-23, 3-27, 4-47, 5-15, 6-15
Spark Plug Wires, 7-5
Spark Plug-10 FD, 2-4
Spark Plug, 5-24, 6-24, 7-3
Spindle, Adjustment, 2-15
Spring En, 4-41
Spring En, 4-5, 4-9, 4-15, 4-19, 4-41
Spring Kit, 4-37
Spring, Cntr En, 4-21
Spring, Cntr, 4-11
Spring, Comp, 2-161, 3-27
Spring, Extension, 2-161, 3-27
Spring, Gas 80 Lb, 3-37
Spring, Motor, Hyd, 4-31
Spring, Propel, Centering, 2-145
Spring, Recirculation, 2-7
Spring, Tens, 0.5Dx.06Wire 2.5L, 2-143
Spring, Tension, 2-171, 5-19, 6-19
Spring, Torsion, Rh, 2-161
Spring, Torsion, 3-27
Spring, Retainer En, 4-21
Spring, Retainer, 4-11
Spring-Gas, Engine Cover, 2-31
Spring, 2-35, 4-27, 4-29, 4-31, 4-59, 4-61, 7-3, 7-9
Sprng, Comp, 0.62Idx.06Wire 2.3L, 2-179
Sprng, Comp, 0.83Idx.07Wire 1.0L, 3-71
Sprng, Comp, 0.87Idx.10Wire 2.5L, 2-173
Sprng, Tens, 0.965Odx.09Wire 4.4L, 2-31
Sprng, Tens, 1.00Odx.09Wire 2.8L, 2-145
Starter, 2-43, 2-45, 2-47
Statnry Gear, 5-9, 6-9
Std. Exh. Valve, 5-21, 6-21
Std. Int. Valve, 5-21, 6-21
Steer Control Hyd#4 04.5 1300, 4-37
Steer Control, Hyd, 2-179
Strain, Relief, 2-37, 3-79
Strainer-Hyd Suction 25-100-03, 2-4, 2-155

CROSS REFERENCE

Strap Weldmt, Gas Tank, 2-103
 Strap Wldt, Tank, .06th X 1.0w, 37.7l, 2-105, 2-107
 Strap Wldt, Tank, 0.06 1.0w 37.7l, 2-109
 Strap, Hinge - Lp Tank Mtg, 2-111, 2-113, 2-115, 2-117
 Strap, Mounting, 2-59, 2-67
 Strap, Mtg.- Lp Tank, 2-111, 2-113, 2-115, 2-117
 Strap, Mtg, Fltr, Air, 7.17id, 2-89, 2-93
 Strap, Retainer, Seal, 2-4, 2-7
 Strap, Tank Retainer - Lp, 2-111, 2-113, 2-115, 2-117
 Strip, Edging, 2-7
 Strip, Hopper, 2-27
 Strip, Retainer, Bearing, 2-169
 Strip, Retainer, Brake Cable, 2-143
 Strip, Retainer, Seal, Lh, 2-9
 Strip, Retainer, Seal, Rh, 2-11
 Strip, Retainer, Seal, Side, 2-9, 2-11
 Strip, Retainer, Shield, Lh, 2-7
 Strip, Retainer, Shield, Rh, 2-7
 Strip, Retainer, Skirt, Front, 2-27
 Strip, Retainer, Skirt, 2-4, 2-9, 2-11, 3-73
 Strip, Spacer, 2-15
 Stud M12, 5-3, 6-3
 Stud, .003" O.S., 7-3
 Stud, .013" O.S., 7-3
 Stud, .38-16 X 1.2l, 2-63, 2-65, 2-79
 Stud, Adjustment, 3-71
 Stud, Wheel .56-18x2.13, 2-137, 2-139
 Stud,M6X61.8mm, 5-7, 6-7
 Stud,M8X51.0mm, 5-7, 6-7
 Stud, 2-61, 2-63, 2-73, 2-75, 2-76, 5-15, 5-23, 6-15, 6-23, 7-11
 Support Wldt, Sppt, Hopper Lh, 2-33
 Switch Assy, Pressure, Hyd, 2-157
 Switch Assy, Roller-no, 3-15
 Switch Ignition, 2-181
 Switch Rocker Spst, 2-165, 3-23
 Switch, 3 Pos, Blower, Heat, 3-41, 3-47, 3-57, 3-61
 Switch, Press, 12vdc 08a Spst Nc 0070psi, 2-113, 2-115, 2-117
 Switch, Pressure Oil, 2-39
 Switch, Pressure, Lpg, 2-69
 Switch, Pressure, 2-37, 3-79
 Switch, Pushmom, Spst100A 12V, 2-179
 Switch, Rocker, Dpdt, 2-171, 2-181
 Switch, Roller, 2-23
 Switch, Thermo, A/C, 3-41, 3-47
 Switch, Wiper Motor, 4-47
 Switch,Lockout En, 4-21
 Switch, 2-71, 3-17
 Swivel, 3-43, 3-49, 3-59, 3-63

T

Tank Wldt, Hydraulic w/label, 2-155
 Tank, Coolant, 03.5 03.0 06.5deep 1.0 Qt, 2-127
 Tank, Coolant, 04.7 03.3 4.7deep, 1liter, 2-129, 2-131

Tank, Coolant, 06.0 04.5 06.9deep 2.5 Qt, 2-127
 Tank, Fuel, 14 Gas 14.7 13.0 19.0l, 2-105
 Tank, Fuel, 14 Gas 14.7 13.0 19.0, 2-107
 Tank, Fuel, 14.0gal, 14.66w 13.0hi 19.0l, 2-109
 Tank, Fuel, 2-103
 Tank-Lp, 33#,Liq,Both,Fill Ga, 2-111, 2-113, 2-115, 2-117
 Tap.Assy-Valve, 5-21, 6-21
 Temperature sensor, 5-23, 6-23
 Tensioner, Arm, 5-19, 6-19
 Term.Cover, 5-9, 6-9
 Therm 190 W/Gsk, 5-23, 6-23
 Thermostat Assembly, 155 Deg, 2-177
 Thermostat Housing [Gm3.0l 2007], 2-48
 Thermostat, 7-3
 Thr.Brg,.002 Upper, 5-13
 Thr.Brg,.010 Upper, 5-13
 Thr.Brg,.030 Upper, 5-13
 Thr.Brg,Stdblue, 5-13
 Thr.Brg,Stdred, 5-13
 Tie, Cable 1.75D Max 7.50Lg, 2-37
 Tie, Cable 1.75D Max 7.50Lg, 3-11, 3-13, 3-79
 Tie, Cable 3.00D Max 11.41Lg, 2-179
 Tie, Cable 4.00 Max 14.50Lg, 3-79
 Tie, Cable, 20.0l, 6.00d Max, 2-175
 Tie, Cable, Nyl, 07.3l .19w 1.8 Max D, 3-41, 3-47, 3-81
 Tie, Cable, Nyl, 11.4l .19w 3.0 Max D, 2-7
 Tie, Cable, Nyl, 15.3l . W 4.5 Max D, 3-43, 3-49, 3-59, 3-63
 Tie, Cable, 3-3, 3-5, 3-7, 3-9, 3-15, 3-17
 Tie, Wire 11-1/2x.19 Ny (not shown), 2-73
 Timing Belt, 5-19, 6-19
 Tire & Flap Assy, 2-141
 Tire & Rim Assy, Pneu 6.50-10, 2-141
 Tire and Rim Assy, Solid 6.5, 3-76
 Tire, Solid, 3-76
 Tray Wldt, Drip, Gas [3.0l], 2-63
 Tray, 2-9, 2-11
 Tread, Floormat, Rubber, 2-13
 Tread, Rubber, 3-35
 Trim, 2-13
 Tube Assy, Brake, 2-143
 Tube Assy, Fuel .31Od, 2-103
 Tube Asy,Cond/Dry, 4-53
 Tube Wldt, Brace, Center, 2-15
 Tube Wldt, Intake, 2.0d .38npt, 2-85
 Tube Wldt, Tee, 2-87, 2-89, 2-91, 2-93
 Tube, 0.50id 1.00od 01.0l, Stil, Pntd, 3-55, 3-69
 Tube, 0.62D .44B 2.44, Stil, 2-31, 3-37
 Tube, 00.75d 00.41b 03.3l Stil Pl, 3-51
 Tube, 01.00d 00.44b 00.7l Stil Plt, 3-67
 Tube, 01.00d 00.50b 01.0l Stil Pnt, 3-51
 Tube, 01.00d 00.50b 01.0l Stil Pnt, 2-51, 2-53, 2-55
 Tube, Air Bleed, 2-59, 2-69, 2-71
 Tube, Coolant, 1.5d Upper, Gas/Lpg, 2-121, 2-123

Tube, Coolant, 1.5d W/.25npt Low, G/Lpg, 2-121, 2-123, 2-125
 Tube, Coolant, 1.5od Lower, 2-119
 Tube, Cross, Bumper, Se, 3-21
 Tube, Ds, 7-7
 Tube, Exhaust, 2.0d [Gm3.0] [800/810], 2-97, 2-99
 Tube, Exhaust, Lower, [800/810, 2007], 2-101
 Tube, Exhaust, Rear [Gm3.0l 800/810 07], 2-101
 Tube, Exhaust, Rear, 2-99
 Tube, Inner, 2-141
 Tube, Intake, 2.0d 04.0l, 2-85
 Tube, Mach, Retainer, Spring, 1.0d 1.7l, 2-171
 Tube, Radiator, Upper [800gas/Lpg], 2-125
 Tube, Radiator, Upper, Gas/Lpg, 2-119
 Tube, Spacer, Brush Lift, 2-171
 Tube, Tailpipe, 2-101

U

U-Nut Clip, M6, 2-15

V

Vac.Fitting, 5-15, 6-15
 Valve [Pcv], 2-65, 2-79
 Valve - Hyd., Solenoid, 4-38
 Valve Assy, Ball, 3 Way, Em10/Em10/Em10, 3-43, 3-49, 3-59, 3-63
 Valve Guide Bushing, 5-21, 6-21
 Valve Plate, 4-5, 4-9, 4-15, 4-19, 4-27, 4-29
 Valve Rocker Arm Cover, 5-21, 6-21
 Valve Rocker Arm, 5-21, 6-21
 Valve Spool, 4-11
 Valve Spring Key, 5-21, 6-21
 Valve Spring Retainer, 5-21, 6-21
 Valve Spring, 5-21, 6-21
 Valve Stem N.O. CP, 4-43
 Valve Stem 4W2P CP, 4-43
 Valve Stem 4W2P, 4-39
 Valve Stem Seal, 5-21, 6-21
 Valve Stem, N.D., 4-38
 Valve, [Pcv], 2-43, 2-63, 2-75
 Valve, Ball, 3-way, 08pf/08pf/08pf Brs, 3-43, 3-49, 3-59, 3-63
 Valve, Body, Throttle, Lpg, 2-75
 Valve, Check, 2-75
 Valve, Drive, Motor, Hyd, 4-31
 Valve, Exhaust, 7-3
 Valve, Expansion, 4-55
 Valve, Fuelock, Lpg, W/ Wire Connector, 2-75
 Valve, Hyd Control Man (See Breakdowns), 2-159
 Valve, Hyd Control Man, 4-41
 Valve, Hyd Control Solenoid, 4-39, 4-43
 Valve, Hyd Solenoid (See Breakdowns),

2-165
 Valve, Hyd, Solenoid (See Breakdowns),
 3-23
 Valve, Intake, 7-3
 Valve, Lock Off, 2-79
 Valve, Lpg [Mixer], 2-79
 Valve, PCV, 2-4
 Valve, Press Relief, Lpg Rego, 2-111,
 2-113, 2-115, 2-117
 Valve, Trim, Fuel, Normal Flow, E90, 2-75
 Valve, Trim, Fuel, Normal Flow, 2-75
 Valve, Water, Heater, H, 10bm, 3-43, 3-59
 Valve-Hyd, Solenoid (See Breakdowns),
 2-157, 2-177, 3-27
 Valve, 4-27, 4-29, 4-31, 7-7, 7-9
 Vaporizer Repair Kit, 2-69
 Vaporizer, Lpg, 2-69
 Vaporizer, 2-73
 Vlv Spool Wide En, 4-21
 Vr, Isolator, Box, Relay, 2-65, 2-79
 Vr, Sleeve, Alternator, 3-55, 3-69
 Vr, Washer, Flat, 0.38, Hardened, 2-65,
 2-79

W

Wand Kit, Vac, 3-71
 Wand, 3-71
 Warning Label, Starter, 5-21, 6-21
 Wash M15 1.53Od, 5-13, 6-13
 Washer, 7-9
 Washer En, 4-3, 4-5, 4-7, 4-9, 4-13, 4-15,
 4-17, 4-19, 4-41
 Washer, .281B .62D .06Nylon, 2-59
 Washer, .310B .88D .12Rbr, 3-27
 Washer, .344B .69D .06Nylon, 2-15, 3-79
 Washer, .516B .90D .07Cr., 2-145
 Washer, .531B 1.75D .12Cr.Znc, 2-169
 Washer, .531B 1.88D .12Hard Zn, 2-13,
 2-41
 Washer, .532B 2.13D .11Hr.Znc, 2-41,
 2-43, 2-45, 2-47
 Washer, 0.25b 1.12d .12, Ss, 2-113
 Washer, 0.53b 1.88d .12, Stl, Pl, 2-43,
 2-45, 2-47
 Washer, 1.015B 1.75D .11Hrs, 2-29
 Washer, 1.300B 3.000, 2-161, 3-27
 Washer, Belleville, .25, 2-161, 3-27
 Washer, Belleville, .31, 2-31, 2-53, 2-55,
 2-127, 2-129, 2-131, 2-133, 3-51, 3-67
 Washer, Belleville, .50, 2-169
 Washer, Fender, 2-83, 2-85, 2-87, 2-91
 Washer, Flat m10, 2-165, 3-23
 Washer, Flat, .25 Sae, 2-43, 2-45, 2-47
 Washer, Flat, .31 Std, 2-43, 2-45, 2-47,
 2-51, 2-121, 2-123
 Washer, Flat, .38 Sae, 2-51, 3-67
 Washer, Flat, .38 Std, 2-43, 2-45, 2-47,
 2-51
 Washer, Flat, .50 Std, 2-43, 2-45, 2-47
 Washer, Flat, #10, 2-27, 2-31, 2-57, 2-89,
 2-93, 2-115, 2-117, 2-129, 2-131,
 2-157, 2-165, 3-23

Washer, Flat, 0.25 Sae, 2-169
 Washer, Flat, 0.25 Std, 2-87, 2-91, 2-127,
 2-145, 3-47, 3-49, 3-61, 3-63
 Washer, Flat, 0.25, Sae, 2-9, 2-11, 2-109,
 2-125, 2-175
 Washer, Flat, 0.25, Std, 2-19, 2-65, 2-79,
 2-109
 Washer, Flat, 0.28b 1.00d .06, Stl, 2-73
 Washer, Flat, 0.28b 1.38d .12, Hrs Pl,
 2-159
 Washer, Flat, 0.31 Fender, 3-33
 Washer, Flat, 0.31 Ss, 3-37
 Washer, Flat, 0.31 Std, 2-31, 2-99, 2-127,
 2-129, 2-131, 2-133, 2-143, 2-165,
 2-175, 3-23, 3-51, 3-52
 Washer, Flat, 0.31, Sae, 2-27
 Washer, Flat, 0.31, Std, 2-19, 2-89, 2-93,
 2-101, 2-109, 2-115, 2-117, 3-55, 3-69
 Washer, Flat, 0.321b 1.00d .12, Ss, 2-145
 Washer, Flat, 0.38 Sae, 2-53, 2-55, 2-145,
 2-162, 3-28, 3-52
 Washer, Flat, 0.38 Ss, 2-57
 Washer, Flat, 0.38 Std, 2-23, 2-25, 2-35,
 2-99, 2-127, 2-129, 2-131, 2-162,
 3-28, 3-49, 3-51, 3-63
 Washer, Flat, 0.38, Hardened, 2-65, 2-79
 Washer, Flat, 0.38, Sae, 3-55, 3-69
 Washer, Flat, 0.38, Std, 2-9, 2-11, 2-101,
 2-135, 2-175, 3-55
 Washer, Flat, 0.38b 0.88d .08, Ss, 2-27
 Washer, Flat, 0.39b 0.75d .06, Nyl, 2-115,
 2-117
 Washer, Flat, 0.40b 1.12d .12, Stl, Pl,
 2-177
 Washer, Flat, 0.44, Std, 2-9, 2-11
 Washer, Flat, 0.44b 1.00 .08, Ss, 2-35
 Washer, Flat, 0.44b 2.00d .12, Stl, Pl,
 2-127, 2-129, 2-131
 Washer, Flat, 0.50 Sae, 2-169
 Washer, Flat, 0.50, Sae, 2-135, 2-137
 Washer, Flat, 0.50, Std, 2-17, 2-19
 Washer, Flat, 0.56b 1.38d .11, Ss, 2-15
 Washer, Flat, 0.62, Sae, 2-173
 Washer, Flat, 0.75, Sae, 2-137
 Washer, Flat, 0.75, Std, 3-69
 Washer, Flat, 1.02b 1.75d .12, Stl, 2-139
 Washer, Flat, Belleville, .25, 2-9, 2-11, 2-19
 Washer, Flat, Belleville, .31, 2-135, 3-55,
 3-69
 Washer, Flat, 2-165, 3-23, 3-27
 Washer, Flt, .25 Sae, 2-71
 Washer, Loc, M5, 2-43, 2-45, 2-47
 Washer, Lock, .25, 2-43, 2-45, 2-47
 Washer, Lock, .31, 2-43, 2-45, 2-47, 2-51
 Washer, Lock, .38, 2-43, 2-45, 2-47, 2-51,
 3-51, 3-67
 Washer, Lock, #10, 2-43, 2-45, 2-47
 Washer, Lock, 0.38, 2-65, 2-79
 Washer, Lock, Int / Ext, 0.38, 2-65, 2-79
 Washer, Lock, Int, .25, 2-71
 Washer, Lock, Int, #08, 2-107, 2-109, 3-51,
 3-55, 3-67, 3-69
 Washer, Lock, Int, #10, 2-55, 2-107, 2-109

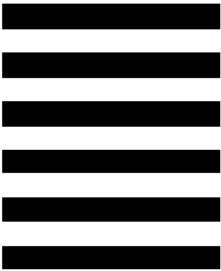
Washer, Lock, Int, 0.25, 2-99, 2-101
 Washer, Lock, Int, 0.31 Ss, 3-37
 Washer, Lock, Int, 0.31, 2-21, 2-127,
 2-129, 2-131, 2-177
 Washer, Lock, Int, 08 Ss, 3-79
 Washer, Lock, Int-ext, .38, 2-53, 2-55,
 3-67
 Washer, Rbr, .12 0.31b 0.88d, 2-127,
 2-165, 3-23
 Washer, Lock Special, 2-137
 Washer-Belleville .31 Pltd, 3-23
 Washer-Belleville .50 Pltd, 2-161, 3-27
 Washer-Flt .25 Fender Rltd., 2-13
 Washer-Flt .25 Fender, 3-35
 Washer-Loc Int-Ext .31 Pltd, 3-33
 Washer-Loc Int-Ext .25 Pltd, 3-17
 Washer-Loc Int-Ext 10 Pltd, 3-17
 Washer, 2-37, 2-61, 2-63, 2-73, 2-75,
 2-137, 2-161, 2-181, 4-3, 4-7, 4-13,
 4-17, 4-23, 4-25, 5-9, 5-11, 5-19, 6-9,
 6-11, 6-19, 7-5, 7-9, 7-12
 Water Outlet, 5-23, 6-23
 Water Pump, 5-23, 6-23, 7-12
 Weight, LPG/Gas, 2-7
 Wheel, Steering, 2-179
 Wire Ass'Y-Elect., Ground, 2-41, 2-43,
 2-45, 2-47
 Wire Asy, Spark Plug, 5-24, 6-24
 Wire Harness, 5-24
 Wire Kit, LP, 2-69
 Wire, 10ga 16.0l Blk .38ring /.25ring,
 3-51, 3-67
 Wire, 10ga 16.0l Blk .25ring /.38ring, 3-55,
 3-69
 Wire, 42.0 Lg, 2Ga, Neg, 2-133
 Wire, Dome Light, 4-47
 Wire, Ground, 2-51, 2-53, 2-55, 3-65
 Wire, Lead, 2-15
 Wire-Ground, Alternator, 2-39
 Wire, 7-5



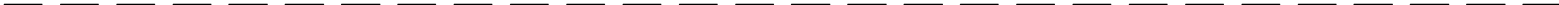
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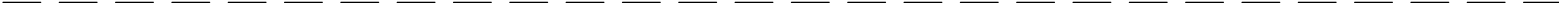


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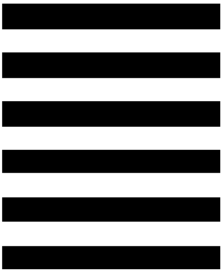




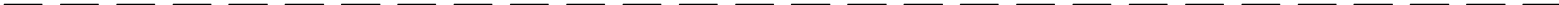
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