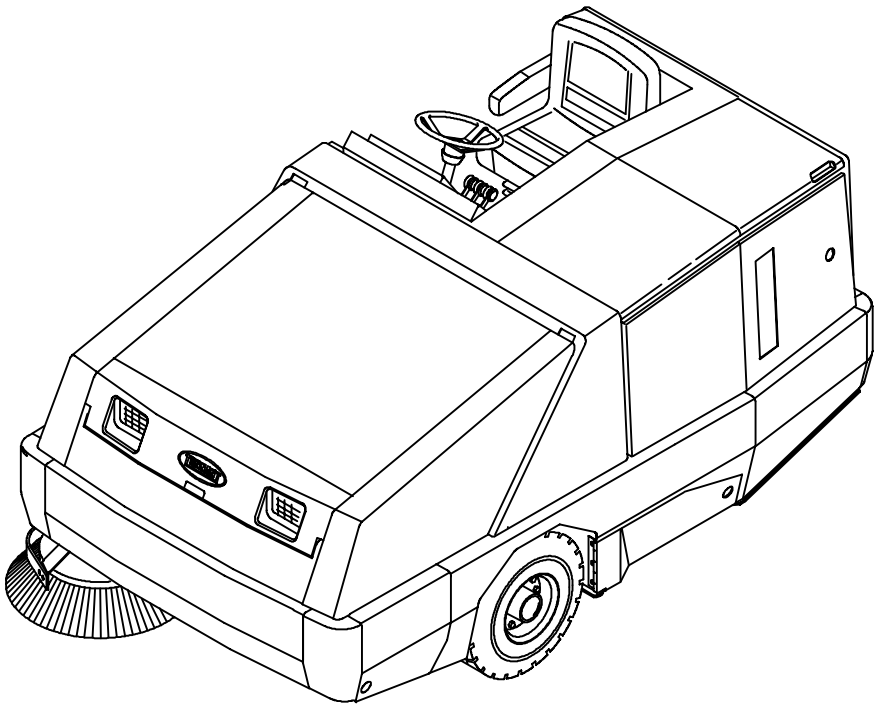
TENNANT

800D

Parts Manual



MM308

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This manual is furnished with each new TENNANT Model 800D.

This manual consists of the How To Use This Manual; Standard Parts; Options; Breakdowns; Engine Breakdown; and Cross Reference sections.

MACHINE DATA

Please fill out at time of installation for future reference.

Machine Model umber – 800D

Machine Serial umber – _____

Machine Options – _____

TE A T Representative/phone no – _____

Customer ID umber – _____

Date of Installation – _____

Manual umber – MM308

Revision 07

Published 11–95

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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

Please fill out at time of installation for future reference.

Machine Model Number – 800D

Machine Serial Number – _____

Machine Options – _____

TENNANT Representative/phone no. – _____

Customer ID Number – _____

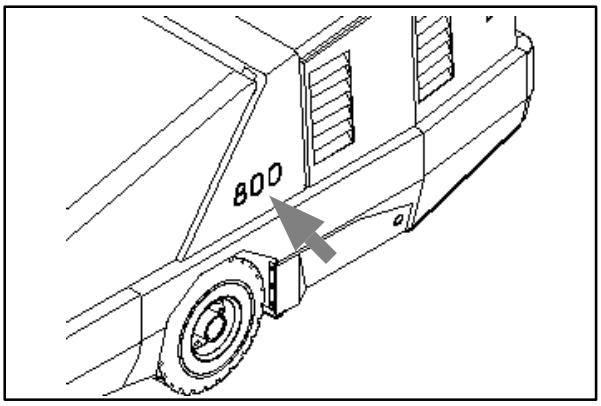
Date of Installation – _____

Manual Number – MM308

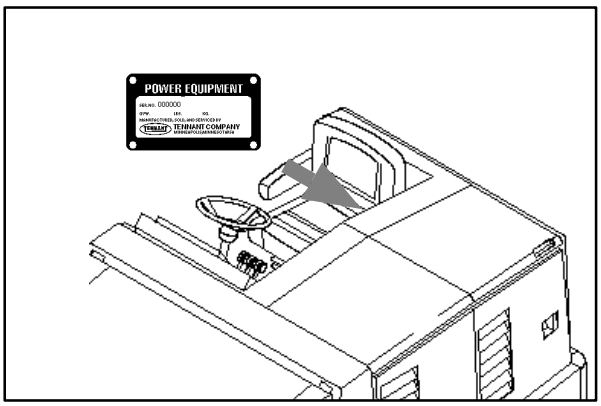
Revision: 00

Published: 1–93

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.



FINDING A TENNANT PART NUMBER

This manual contains the following sections:

- HOW TO USE THIS MANUAL
- STANDARD PARTS
- OPTIONS
- BREAKDOWNS
- CROSS REFERENCE

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

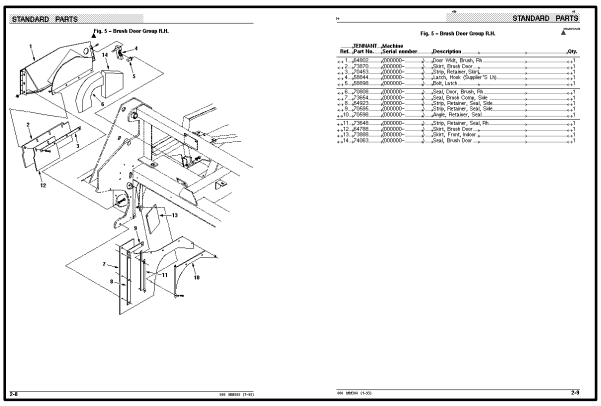
- General wear parts.
- Machine frame and related parts.
- Machine propelling system.
- Scrubbing components.
- Electrical parts.

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.

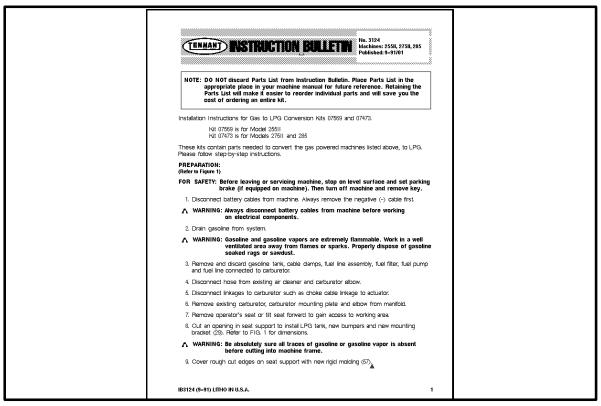
- ***Description*** – column is a brief description of the part.

- ***Qty.*** – column lists the quantity of that part used in that area of the machine.

Ref.	TENNANT Part No.	Machine Serial number	Description	Qty.
∇	59970	000000–	Replm Kit, Instr Panel	1
1	59976	000000–	Replm Kit, Case	1
2	59977	000000–	Replm Kit, Seal	1
3	59974	000000–	Replm Kit, Cir Board	1
4	59978	000000–	Replm Kit, Hourmeter	1
5	59979	000000–	Replm Kit, Touch Panel	1
6	59971	000000–	Replm Kit, Lamp, Backlighting (8)	2
7	56346	000000–	Replm Kit, Lamp (8)	1
8	10632–5	000000–	Grommet,Rbr,0.25Id,For .09Matl	4
9	61969	000000–	Switch, Rocker, Dpdt	1
10	57807	000000–	Cover, Rocker Switch Seal	1
11	87536	000000–	Switch Ignition	1
12	87866	000000–	Key Set,Switch Ku	1
13	72109	000000–	Replm Kit, Sun Shield	1
14	65245	000000–	Panel, Cover, Dash	1
15	70637	000000–	Seal, Handle, Valve	1

NOTE: If a service kit is installed on your machine, be sure to keep the INSTRUCTION BULLETIN which came with the kit. It contains repair parts numbers needed for ordering future parts.

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



TENNANT INSTRUCTION BULLETIN

No. 3104
Machines: 2550, 2750, 285
Published: 5-91/91

NOTE: DO NOT discard Parts List from Instruction Bulletin. Place Parts List in the appropriate place in your machine manual for future reference. Retaining the Parts List will make it easier to reorder individual parts and will save you the cost of ordering an entire kit.

Installation Instructions for Gas to LPG Conversion Kits 07569 and 07473.

Kit 07569 is for Model 2550
Kit 07473 is for Models 2751 and 285

These kits contain parts needed to convert the gas powered machines listed above, to LPG. Please follow step-by-step instructions.

PREPARATION:
(Refer to Figure 1)

FOR SAFETY: Before leaving or servicing machine, stop on level surface and set parking brake (if equipped on machine). Then turn off machine and remove key.

1. Disconnect battery cables from machine. Always remove the negative (-) cable first.

WARNING: Always disconnect battery cables from machine before working on electrical components.

2. Drain gasoline from system.

WARNING: Gasoline and gasoline vapors are extremely flammable. Work in a well ventilated area away from flames or sparks. Properly dispose of gasoline soaked rags or sawdust.

3. Remove and discard gasoline tank, cable clamps, fuel line assembly, fuel filter, fuel pump and fuel line connected to carburetor.
4. Disconnect hose from existing air cleaner and carburetor elbow.
5. Disconnect linkages to carburetor such as choke cable linkage to actuator.
6. Remove existing carburetor, carburetor mounting plate and elbow from manifold.
7. Remove operator's seat or tilt seat forward to gain access to working area.
8. Cut an opening in seat support to install LPG tank, new bumpers and new mounting bracket (23). Refer to FIG. 1 for dimensions.

WARNING: Be absolutely sure all traces of gasoline or gasoline vapor is absent before cutting into machine frame.

9. Cover rough cut edges on seat support with new rigid molding (57).

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PLACING AN ORDER

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. Identify the model number of your machine.
2. Identify the serial number of your machine.
3. Find the part number of the part you need. Do not order by page number or reference number. If you are not able to find the part number, call your TENNANT representative for help or send the old part as a sample.
4. Determine the quantity of the part you need.
5. Provide the following company information:
   - Company name
   - Customer ID Number
   - Shipping address
   - Billing address
   - First and last name of person ordering parts
   - Telephone number
   - Purchase order number
6. Provide definitive shipping instructions.

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.

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Fig. 1 – Recommended General Maintenance Items

Ref.	Tennant Part No.	Machine Serial Number	Description	Qty.
∇	77632	(000000–)	Maintenance Kit, Skirts	1
	73870	(000000–)	Skirt, Brush Door	2
	64788	(000000–)	Skirt, Brush Door	2
	70453	(000000–)	Strip, Retainer, Skirt	2
	62955	(000000–)	Skirt, Seal, Main Brush	1
	62957	(000000–)	Channel, Retainer, Seal, Rear	1
	62954	(000000–)	Blade, Deflector	1
	62956	(000000–)	Strap, Retainer, Seal	1
	43500	(000000–)	Chain, Link#2/0, 7Links	1
∇	79032	(000000–)	Maintenance Kit, Skirts 800	1
	64919	(000000–)	Seal, Pan, Top	1
	64920	(000000–)	Channel, Retainer	1
	73654	(000000–)	Seal, Brush Comp, Side	2
	73888	(000000–)	Skirt, Front, Indoor	2
∇	77633	(000000–)	Maintenance Kit, 400HR 800/810 Diesel	1
	01433–1	(000000–)	Grease, Lubriplt EMB 14.5OZ	1
	74863	(000000–)	Filter, Oil PK TFYO–14–302	4
	74858	(000000–)	Filter, Fuel PK TFO1–13–ZA5	1
∇	77634	(000000–)	Maintenance Kit, 800HR 800/810	1
	34306	(000000–)	Breather, Hyd 40Mic No DS	1
	31613	(000000–)	Strainer–Hyd Suction 25–100–03	1
	10664	(000000–)	Filter Assy, Spin–on	1
	65869–5	(000000–)	Fluid, Hyd Oil, SHP 15/40 5Gal	3

Fig. 2 – Replacement Brushes

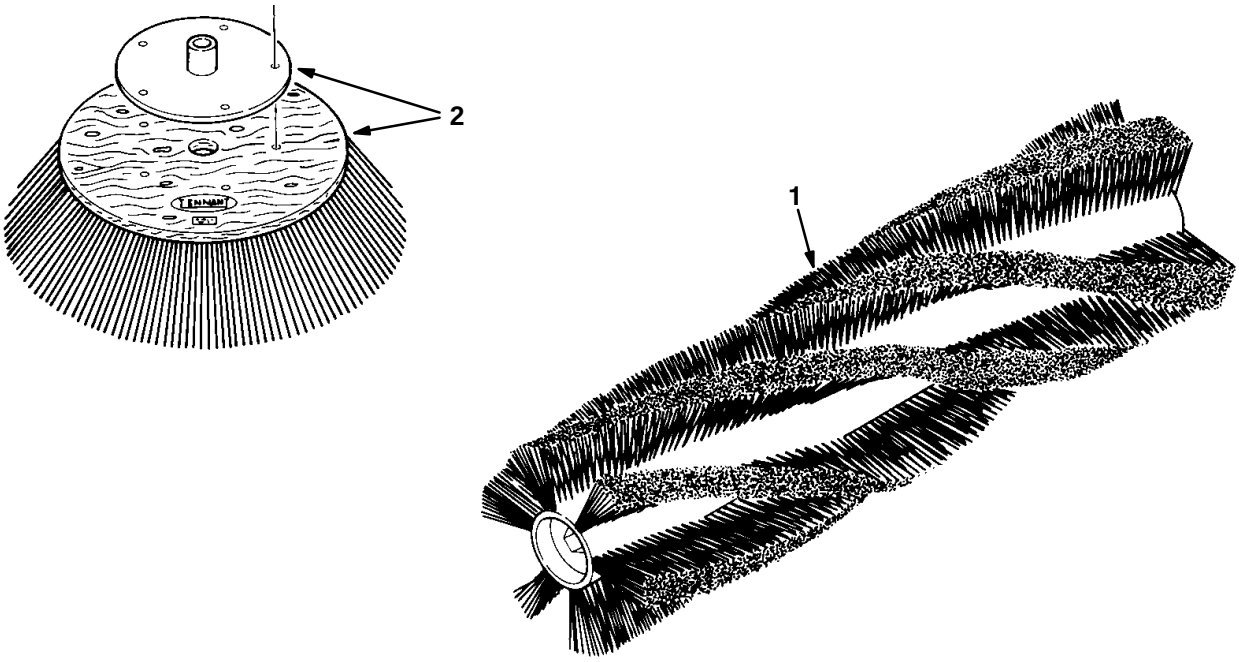

Fig. 2 – Replacement Brushes

1 370011..... BRUSH, SWP, 50L, WEDGE, PYP ,SPL 1

	Ref.	Tennant Part No.	Machine Serial Number		Description	Qty.
	1	35326	(000000–	)	Brush–Sweep Spl–50Lg – 8Dr–Poly	1
	1	35324	(000000–	)	Brush–Sweep Spl–50Lg–8Dr–P&W	1
	1	35327	(000000–	)	Brush–Sweep Spl–50Lg–8Dr–Wire	1
	1	35325	(000000–	)	Brush–Outsd Spl–50Lg – 8Dr–Poly	1
	1	35336	(000000–	)	Brush–Patrl Spl–50Lg – 4Qr–Nyl	1
	1	35323	(000000–	)	Brush–Sweep Spl–50Lg–24Sr–Nyl	1
∇	2	75011	(000000–	)	Brush–Side Swp –26 D–Assy–Nyl	1
		51021N	(000000–	)	Brush–Side Swp –26 D–Nyl	1
		51963	(000000–	)	Adaptor Weldm., Side Brush 1.0B	1
∇	2	75010	(000000–	)	Brush–Side Swp –26 D–Assy–Fltw	1
		51542	(000000–	)	Brush–Side Swp –26 D–Fltw	1
		51963	(000000–	)	Adaptor Weldm., Side Brush 1.0B	1
∇	2	70649	(000000–	)	Brush–Side Swp –26 D–Assy–Poly	1
		70538	(000000–	)	Brush–Side Swp –26 D–Poly	1
		51963	(000000–	)	Adaptor Weldm., Side Brush 1.0B	1

Fig. 3 – Main Frame, Skirt and Seals Group

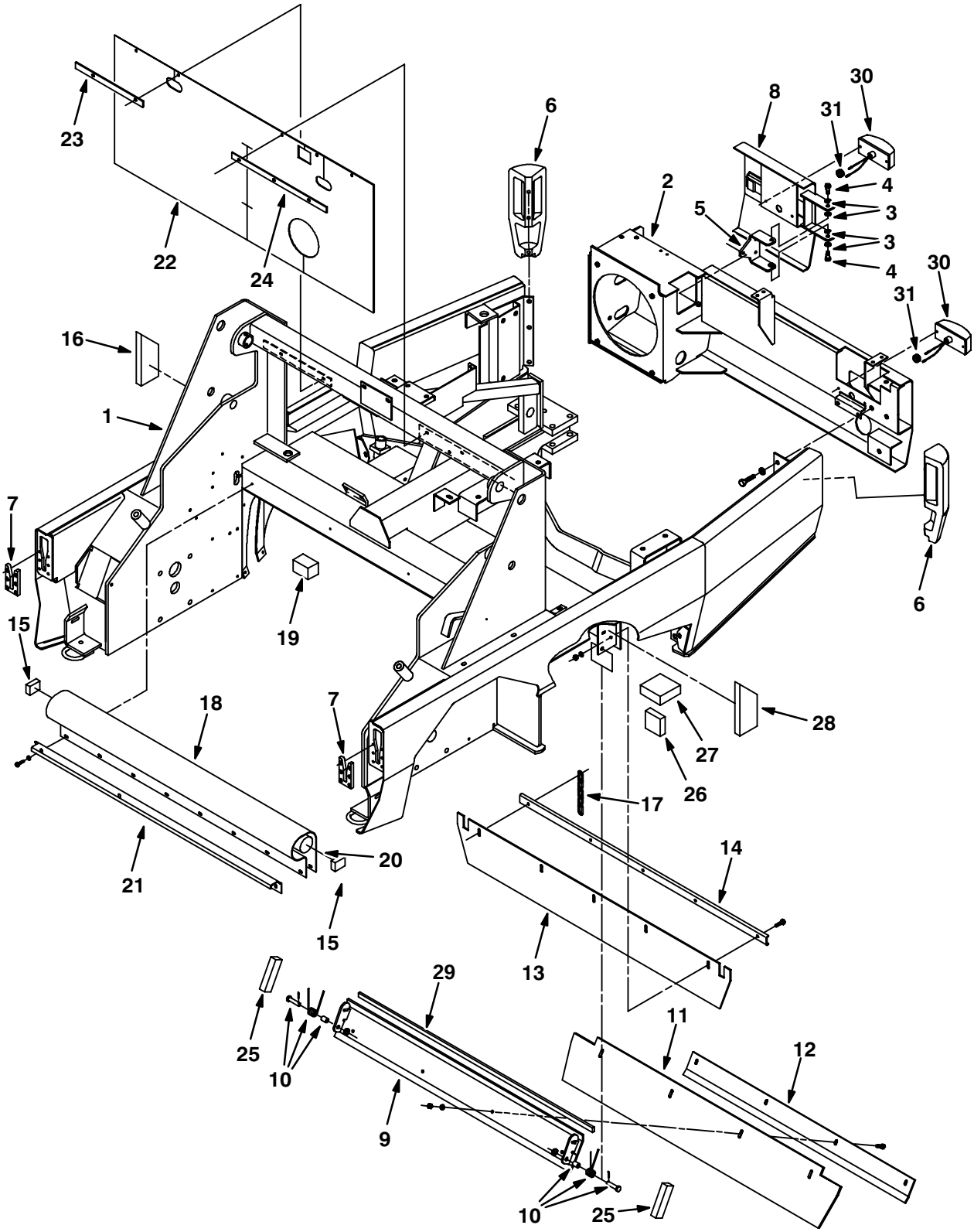

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Fig. 3 – Main Frame, Skirt and Seals Group

Ref.	Tennant Part No.	Machine Serial Number	Description	Qty.
1	62960	(000000–001131)	Frame Wldt	1
2	70451	(000000–001223)	Bumper Wldt, Rear	1
3	86860	(000000–001223)	Bearing, Thrust .500	4
4	36758	(000000–001223)	Scr–Shld .500Dx0.50L .38–16	2
5	70517	(000000–001223)	Bracket	1
6	63544	(000000–001223)	Bumper, Corner, Mach	2
7	63663	(000000–001223)	Plate, Guide, Bumper	2
8	70498	(000000–001223)	Door Wldt	1
9	73645	(000000–001223)	Channel Wldt, Mtg	1
10	69904	(000000–001223)	Spring Assy, Recirculation	2
11	62954	(000000–001223)	Blade, Deflector	1
12	62956	(000000–001223)	Strap, Retainer, Seal	1
13	62955	(000000–001223)	Skirt, Seal, Main Brush	1
14	62957	(000000–001223)	Channel, Retainer, Seal, Rear	1
15	82125	(000000–001223)	Seal, Foam Rbr .75 1.5W 2.1L	2
16	74066	(000000–001223)	Seal, Foam	1
17	43500	(000000–001223)	Chain,Link#2/0,7Links	1
18	64919	(000000–001223)	Seal, Pan, Top	1
19	73722	(000000–001223)	Seal, Main Brush	2
20	34690	(000000–001223)	Sponge Cord 1.5Dia	1
21	64920	(000000–001223)	Channel, Retainer	1
22	73724	(000000–001223)	Shield, Dust	1
23	70843	(000000–001223)	Strip, Retainer, Shield, Rh	1
24	70844	(000000–001223)	Strip, Retainer, Shield, Lh	1
25	74064	(000000–001223)	Seal, Foam	2
26	73863	(000000–001223)	Insulation,S/Foam1.0X 3.0X 3.0	2
27	73862	(000000–001223)	Insulation,S/Foam1.5X 4.0X 4.0	2
28	74067	(000000–001223)	Seal, Foam	1
29	74038	(000000–001223)	Seal, Foam	1
∇ 30	57941	(000000–001223)	Light Assy Stop/Red 12V– A	2
	45780	(000000–001223)	Bulb, 12V .5A 4CP#1157	1
31	87515	(000000–001223)	Grommet, Rbr, .50 ID, For .25 Matl	2

Fig. 4 – Main Frame, Skirt and Seals Group

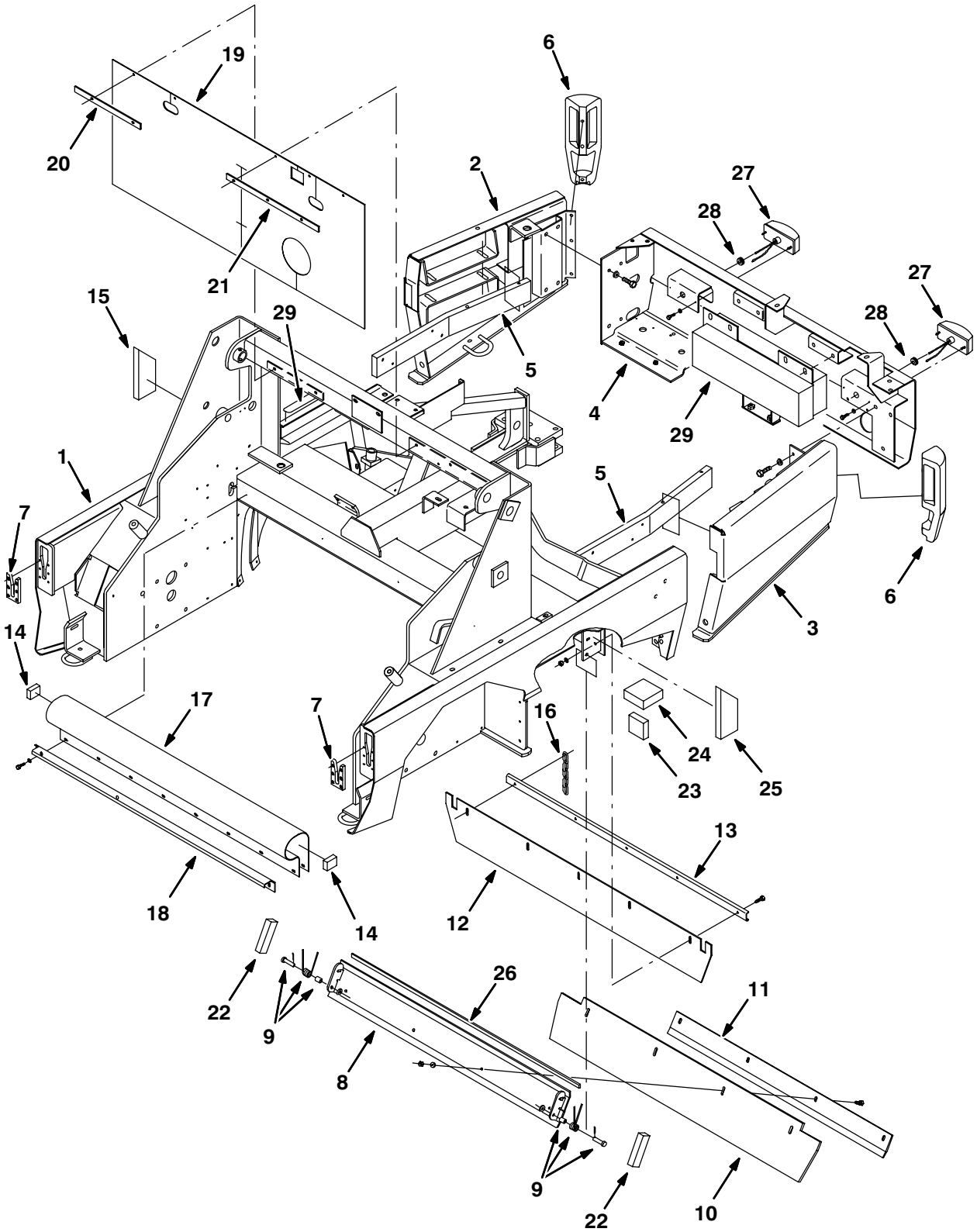

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Fig. 4 – Main Frame, Skirt and Seals Group

	Ref.	Tennant Part No.	Machine Serial Number		Description	Qty.
	1	76555	(001132–001223	)	Frame	1
	1	77777	(001224–	)	Frame	1
	2	76464	(001132–001223	)	Panel Wldt, Rear, Rh	1
	2	77782	(001224–	)	Panel Wldt, Rear, Rh	1
	3	76465	(001132–001223	)	Panel Wldt, Rear, Lh	1
	3	77734	(001224–	)	Panel Wldt, Rear, Lh	1
	4	22024	(001224–001302	)	Replacement Kit, Bumper, Die	1
	4	79680	(001303–	)	BumperWldt, Rear, (Gas/Die)	1
	5	77593	(001224–	)	Bar, Frame	2
	6	63544	(001224–	)	Bumper, Corner, Mach	2
	7	63663	(001224–	)	Plate, Guide, Bumper	2
	8	73645	(001224–	)	Channel, Mounting	1
	9	69904	(001224–	)	Spring, Recirculation	1
	10	62954	(001224–	)	Blade, Deflector	1
	11	62956	(001224–	)	Strap, Retainer, Seal	1
	12	62955	(001224–	)	Skirt, Seal, Main Brush	1
	13	62957	(001224–	)	Channel, Retainer, Seal,Rear	1
	14	82125	(001224–	)	Seal Foam Rbr .75 1.5W 2.1L	2
	15	74066	(001224–	)	Insulation, S/Foam	1
	16	43500	(001224–	)	Chain,Link#2/0,7Links	1
	17	64919	(001224–	)	Seal, Pan, Top	1
	18	64920	(001224–	)	Channel, Retainer	1
	19	73724	(001224–	)	Shield, Dust	1
	20	70843	(001224–	)	Strip, Retainer, Shield, Rh	1
	21	70844	(001224–	)	Strip, Retainer, Shield, Lh	1
	22	74064	(001224–	)	Insulation, S/Foam	2
	23	73863	(001224–	)	Insulation, S/Foam 1.0X3.0X3.0	2
	24	73862	(001224–	)	Insulation, S/Foam 1.5X4.0X4.0	2
	25	74067	(001224–	)	Insulation, S/Foam	1
	26	79010	(001224–	)	Seal	1
∇	27	57941	(001224–	)	Light Assy Stop/Red 12V– . A	2
		45780	(001224–	)	Bulb, 12V .5A 4Cp #1157	1
	28	87515	(001224–	)	Grommet,Rbr,0.50Id,For .25Matl	2
	29	79676	(001303–	)	Weight, Die	1

Fig. 5 – Left Brush Door Group

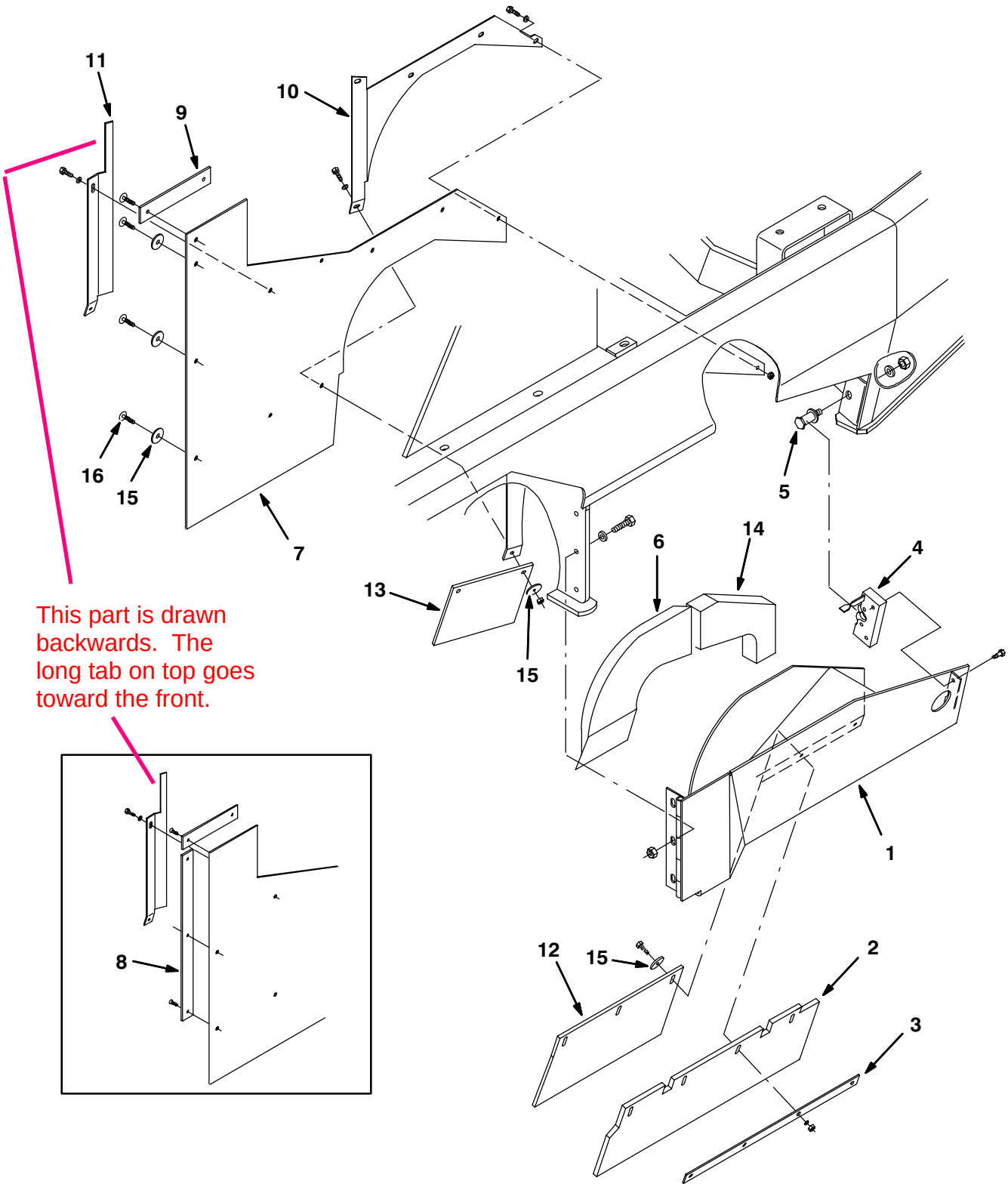

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Fig. 5 – Left Brush Door Group

Ref.	Tennant Part No.	Machine Serial Number		Description	Qty.
1	64801	(000000–	)	Door Wldt, Brush, Lh	1
2	73870	(000000–	)	Skirt, Brush Door	1
3	70453	(000000–	)	Strip, Retainer, Skirt	1
4	58489	(000000–	)	Latch, Hook (Supplier'S Rh)	1
5	58898	(000000–	)	Bolt, Latch	1
6	70809	(000000–	)	Seal, Door, Brush, Lh	1
7	73654	(000000–	)	Seal, Brush Comp, Side	1
8	64923	(000000–001320	)	Strip, Retainer, Seal, Side	1
9	21282	(000000–	)	Strip, Retainer, Seal, Side	1
10	70597	(000000–	)	Angle, Retainer, Seal	1
11	73648	(000000–	)	Strip, Retainer, Seal, Lh	1
12	64788	(000000–	)	Skirt, Brush Door	1
13	73888	(000000–	)	Skirt, Front, Indoor	1
14	74062	(000000–	)	Seal, Brush Door	1
15	41178	(000000–	)	Fender Washer	7
16	21168	(001321–	)	Rivet, Plastic	5

Fig. 6 – Right Brush Door Group

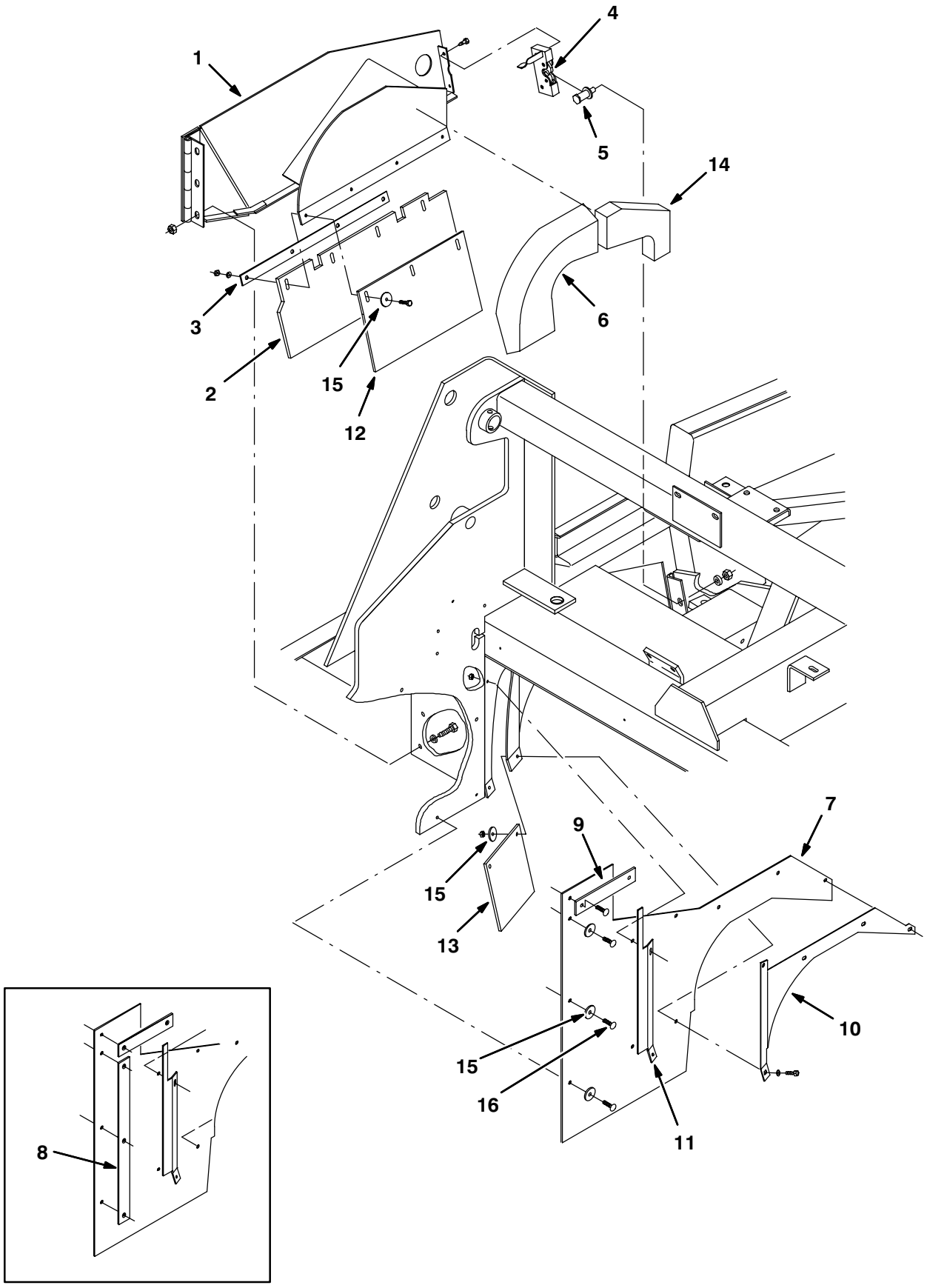

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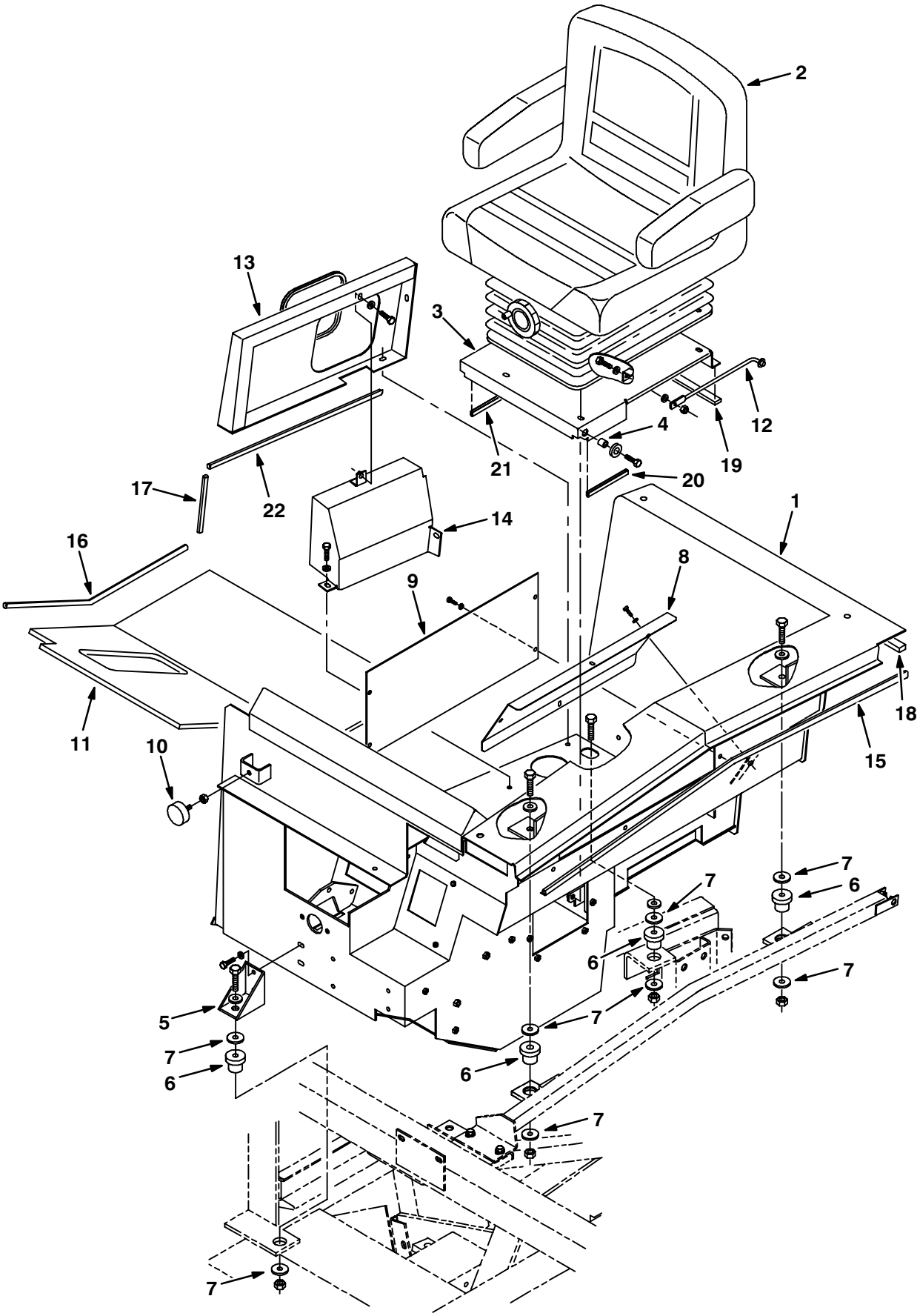
Fig. 6 – Right Brush Door Group

Ref.	Tennant Part No.	Machine Serial Number		Description	Qty.
1	64802	(000000–	)	Door Wldt, Brush, Rh	1
2	73870	(000000–	)	Skirt, Brush Door	1
3	70453	(000000–	)	Strip, Retainer, Skirt	1
4	58844	(000000–	)	Latch, Hook (Supplier's Lh)	1
5	58898	(000000–	)	Bolt, Latch	1
6	70808	(000000–	)	Seal, Door, Brush, Rh	1
7	73654	(000000–	)	Seal, Brush Comp, Side	1
8	64923	(000000–001320	)	Strip, Retainer, Seal, Side	1
9	21282	(000000–	)	Strip, Retainer, Seal, Side	1
10	70598	(000000–	)	Angle, Retainer, Seal	1
11	73649	(000000–	)	Strip, Retainer, Seal, Rh	1
12	64788	(000000–	)	Skirt, Brush Door	1
13	73888	(000000–	)	Skirt, Front, Indoor	1
14	74063	(000000–	)	Seal, Brush Door	1
15	41178	(000000–	)	Fender Washer	7
16	21168	(001321–	)	Rivet, Plastic	5

Fig. 7 – Operator Station Group

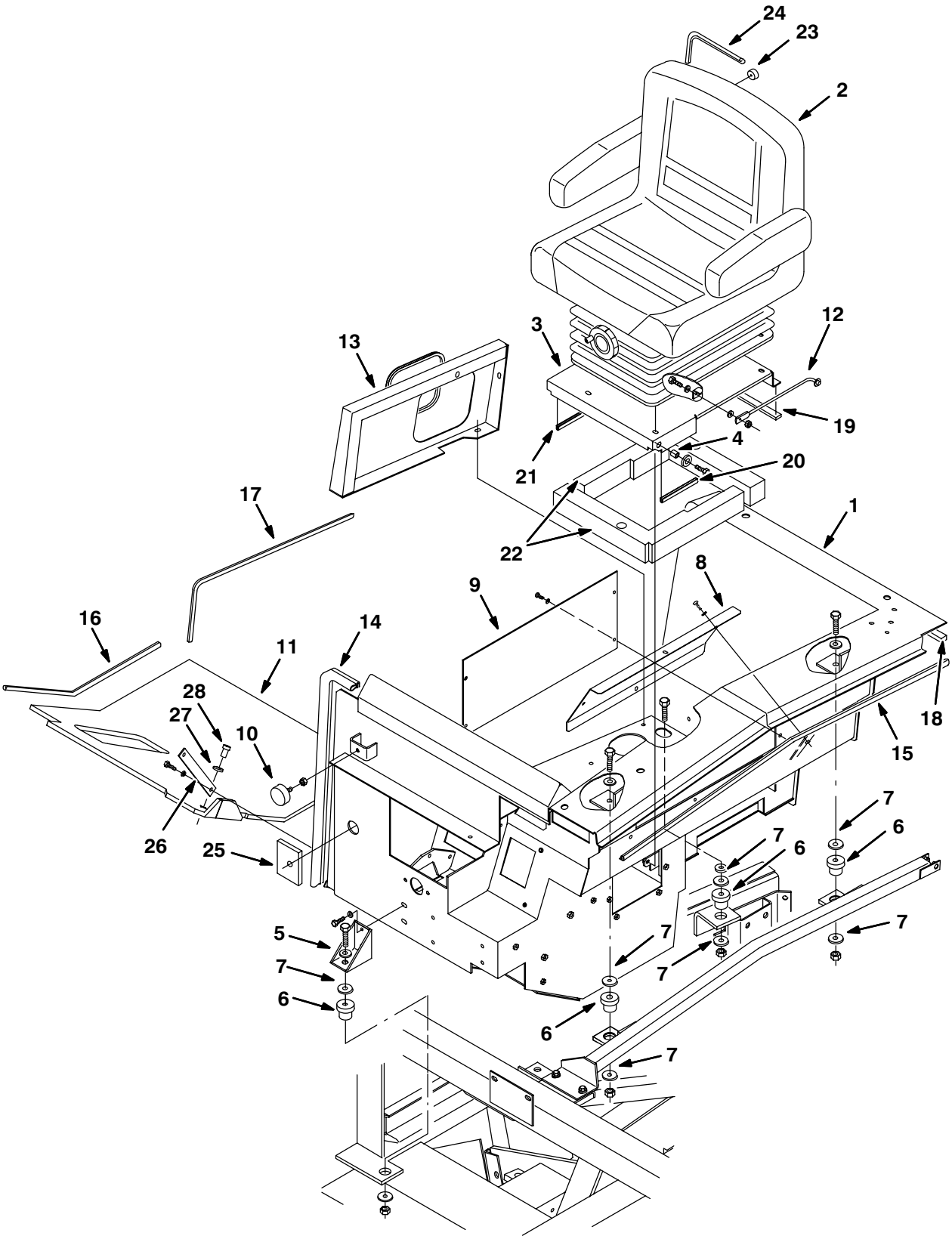


08525/07589

Fig. 7 – Operator Station Group

Ref.	Tennant Part No.	Machine Serial Number	Description	Qty.
1	63710	(000000–001119)	Panel Wldt, Oper Comp	1
2	63294	(000000–001119)	Seat, Suspension	1
3	70478	(000000–001119)	Panel Wldt, Support, Seat	1
4	40716	(000000–001119)	Sleeve, .385B .62D .62 Cd.Cad	2
5	63751	(000000–001119)	Bracket Wldt, Oper Comp	1
6	51176	(000000–001119)	Dampner, Engine	4
7	04414	(000000–001119)	Washer, Flat	8
8	64884	(000000–001119)	Panel, Cover, Access	1
9	70450	(000000–001119)	Panel, Air Conditioning	1
10	70756	(000000–001119)	Bumper, Rubber	1
11	73691	(000000–001119)	Tread, Floormat, Rubber	1
12	54615	(000000–001119)	Rod Wldt, Seat	1
13	70564	(000000–001119)	Panel, Fuel Inlet	1
14	70620	(000000–001119)	Cover Wldt, Fuel Inlet	1
15	57820	(000000–001119)	Seal, 48.0 Lg.	1
16	73903	(000000–001119)	Seal, 24.5 Lg	1
17	73901	(000000–001119)	Seal, 7.00 Lg	1
18	74081	(000000–001119)	Seal, 66.0 Lg	1
19	44777	(000000–001119)	Seal,Foam Rbr, .31 .75W 14.8L	1
20	57564	(000000–001119)	Molding, Trim 11–14Ga 5.00	1
21	62595–2	(000000–001119)	Molding, Trim 11–14Ga 15.75	1
22	04664	(000000–001119)	Seal, 27.25L	1

Fig. 8 – Operator Station Group

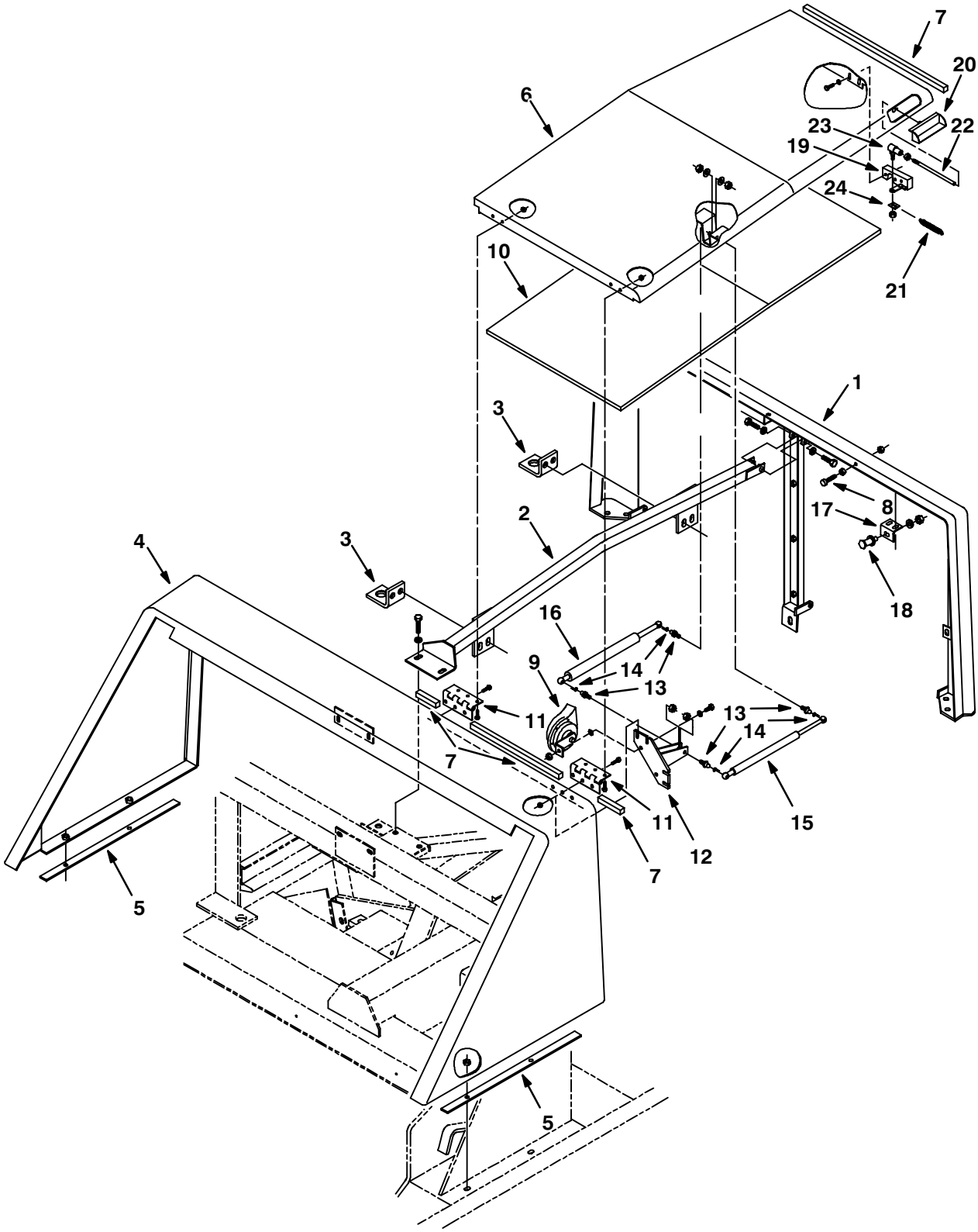


09833/07589

Fig. 8 – Operator Station Group

Ref.	Tennant Part No.	Machine Serial Number		Description	Qty.
1	75860	(001120–	)	Panel Wldt W/Label	1
2	63294	(001120–	)	Seat, Suspension	1
3	70478	(001120–	)	Panel, Support, Seat	1
4	40716	(001120–	)	Sleeve, .385B .62D .62 Cd.Cad	2
5	63751	(001120–	)	Bracket, Oper Comp	1
6	51176	(001120–	)	Dampner, Engine	4
7	04414	(001120–	)	Washer, .531B 1.88D .12Hard Zn	8
8	64884	(001120–	)	Panel, Cover, Access	1
9	70450	(001120–	)	Panel, Air Conditioning	1
10	70756	(001120–	)	Bumper, Rubber	1
11	76495	(001120–	)	Tread, Floormat, Rubber	1
12	54615	(001120–	)	Rod, Seat	1
13	70564	(001120–	)	Panel, Fuel Inlet	1
14	77340	(001120–	)	Seal, Bulb, Sd–0504 28.00 Lg	1
15	57820	(001120–	)	Seal, 48.0 Lg.	1
16	73903	(001120–	)	Seal, Bulb, Sd–0504 24.50Lg	1
17	73901	(001120–	)	Seal, 7.00 Lg	1
18	74081	(001120–	)	Seal	1
19	44777	(001120–	)	Seal,Foam Rbr, .31 .75W 14.8L	1
20	62595–3	(001120–	)	Molding, Trim 11–14Ga 5.75	1
21	62595–2	(001120–	)	Molding, Trim 11–14Ga 15.75	1
22	76285	(001120–	)	Insulation, S/Foam, Seat	2
23	82921	(001120–	)	Bumper, Rubber	1
24	49282	(001120–	)	Molding, Trim 16Ga&Thinnr 10.0	1
25	79028	(001120–	)	Seal, Rod, Adjuster	1
26	76492	(001120–	)	Bar, Retainer	1
27	41178	(001120–	)	Washer–Flt .25 Fender Rltd.	1
28	21246	(001120–	)	Rivet, Plastic .325D X .787	1

Fig. 9 – Engine Cover and Lintel Group

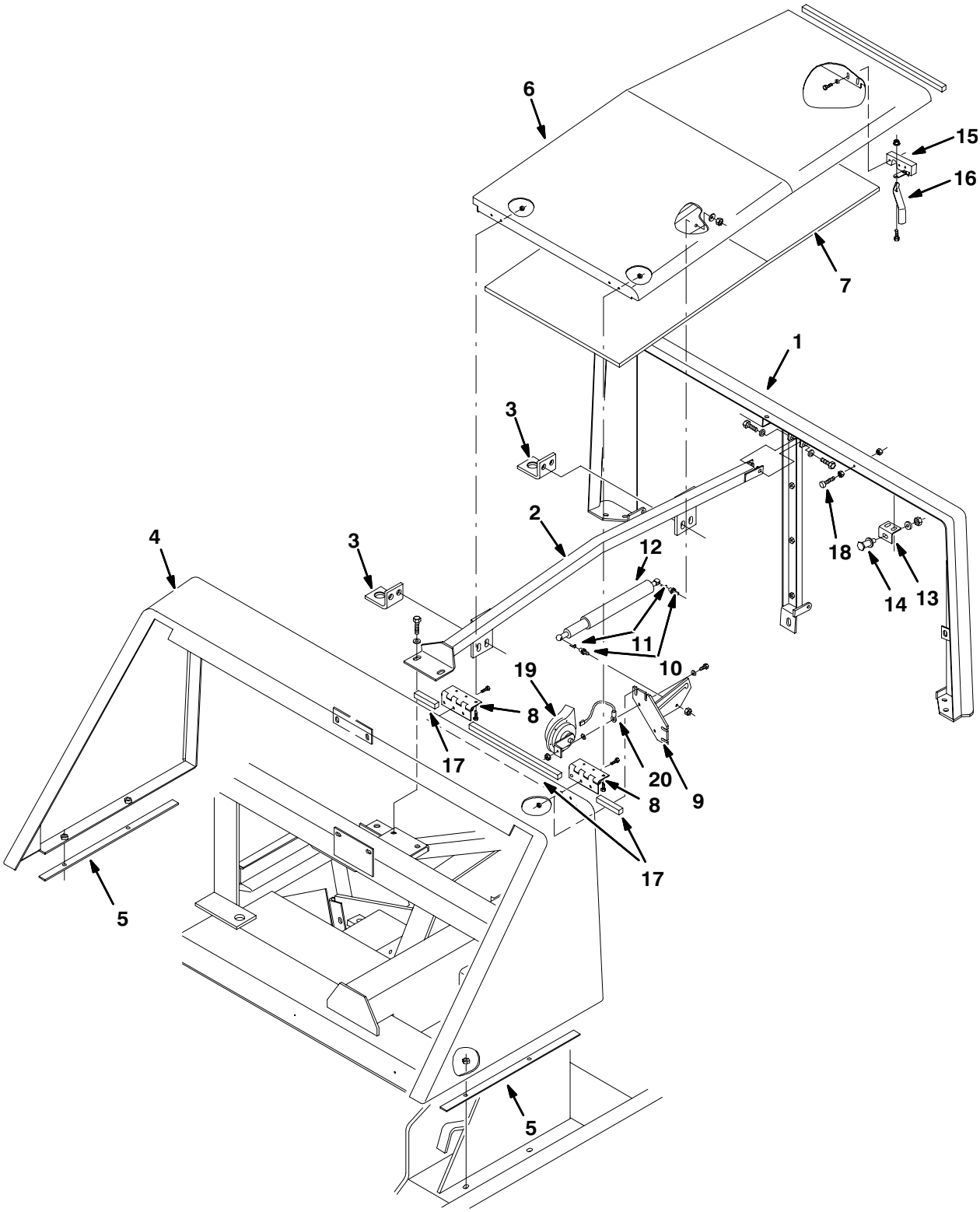


08523/07587

Fig. 9 – Engine Cover and Lintel Group

Ref.	Tennant Part No.	Machine Serial Number	Description	Qty.
1	64312	(000000–001251)	Lintel Wldt, Rear	1
2	64744	(000000–001251)	Tube Wldt, Brace, Center	1
3	64726	(000000–001251)	Bracket, Brace, Center	2
4	64278	(000000–001251)	Lintel Wldt, Main	1
5	64279	(000000–001251)	Strip, Spacer	2
6	64440	(000000–001251)	Cover Wldt, Engine	1
7	53461–2	(000000–001251)	Seal,Foam Rbr, .62 .62W 24.5L	2
8	75128	(000000–001251)	Spindle, Adjustment	1
9	14138A	(000000–001251)	Horn, 12V	1
10	70596	(000000–001251)	Insulation, S/Foam	1
11	74040	(000000–001251)	Hinge	2
12	65003	(000000–001251)	Bracket Wldt, Gas Spring	1
13	58494	(000000–001251)	Stud, Ball, Gas Spring	4
14	64595	(000000–001251)	Clip, Safety	4
15	31182	(000000–001251)	Spring–Gas 75Lb 6.3 Stroke	1
16	82334	(000000–001251)	Spring–Gas 120Lb 6.3 Stroke	1
17	70408	(000000–001251)	Angle, Bolt, Latch, Cover	1
18	59703	(000000–001251)	Bolt, Hook, Rh	1
19	59661	(000000–001251)	Latch	1
20	73841	(000000–001251)	Handle Wldt, Latch	1
21	29260	(000000–001251)	Sprng,Tens,0.37Odx.05Wire 4.5L	1
22	73843	(000000–001251)	Rod–Thrd, 1End M06X1.0 X 6.40	1
23	12263	(000000–001251)	Balljoint M 6X1.0	1
24	73893	(000000–001251)	Strip	1

Fig. 10 – Engine Cover and Lintel Group

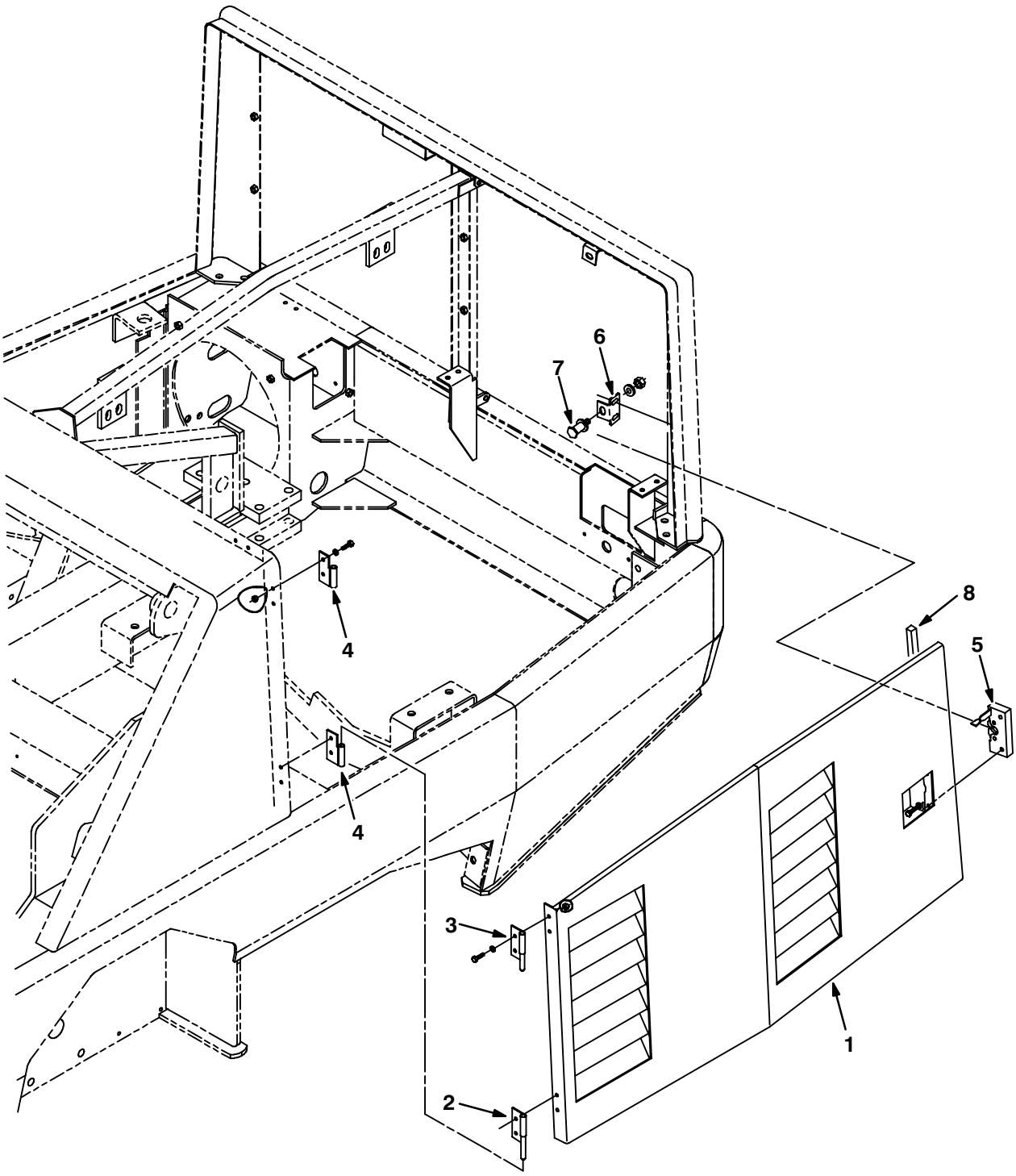


09809/07587

Fig. 10 – Engine Cover and Lintel Group

Ref.	Tennant Part No.	Machine Serial Number		Description	Qty.
1	64312	(001252–	)	Lintel, Rear	1
2	64744	(001252–	)	Tube Wldt, Brace, Center	1
3	64726	(001252–	)	Bracket, Brace, Center	2
4	64278	(001252–	)	Lintel, Main	1
5	64279	(001252–	)	Strip, Spacer	2
6	79002	(001252–	)	Cover Wldt, Engine	1
7	70596	(001252–	)	Insulation, S/Foam	1
8	74040	(001252–	)	Hinge	2
9	21131	(001252–	)	Brkt Wldt , Gas Spring	1
10	58494	(001252–	)	Stud, Ball, Gas Spring	2
11	64595	(001252–	)	Clip Safety	2
12	77728	(001252–	)	Spring, Gas	1
13	70408	(001252–	)	Angle, Bolt, Latch, Cover	1
14	59703	(001252–	)	Bolt, Hook, Rh	1
15	59661	(001252–	)	Latch	1
16	79009	(001252–	)	Lever, Handle, Latch	1
17	53461–2	(001252–	)	Seal,Foam Rbr, .62 .62W 24.5L	2
18	75128	(001252–	)	Spindle, Adjustment	1
19	21642	(001252–	)	Horn, 12V	1
20	21643	(001252–	)	Wire, Lead	1

Fig. 11 – Engine Side Door Group



08524/07588

Fig. 11 – Engine Side Door Group

Ref.	Tennant Part No.	Machine Serial Number	Description	Qty.
1	77475	(000000–001169)	Door Wldt, Engine Replacement Kit	1
2	64543	(000000–001169)	Hinge Wldt, W/Pin	1
3	70628	(000000–001169)	Hinge Wldt, W/Pin	1
4	64545	(000000–001169)	Hinge Wldt	2
5	58489	(000000–001169)	Latch, Hook (Supplier'S Rh)	1
6	70407	(000000–001169)	Angle, Bolt, Latch	1
7	59192	(000000–001169)	Latch, Bolt	1
8	53461–2	(000000–001169)	Seal,Foam Rbr, .62 .62W 24.5L	1

Fig. 12 – Engine Side Door Group

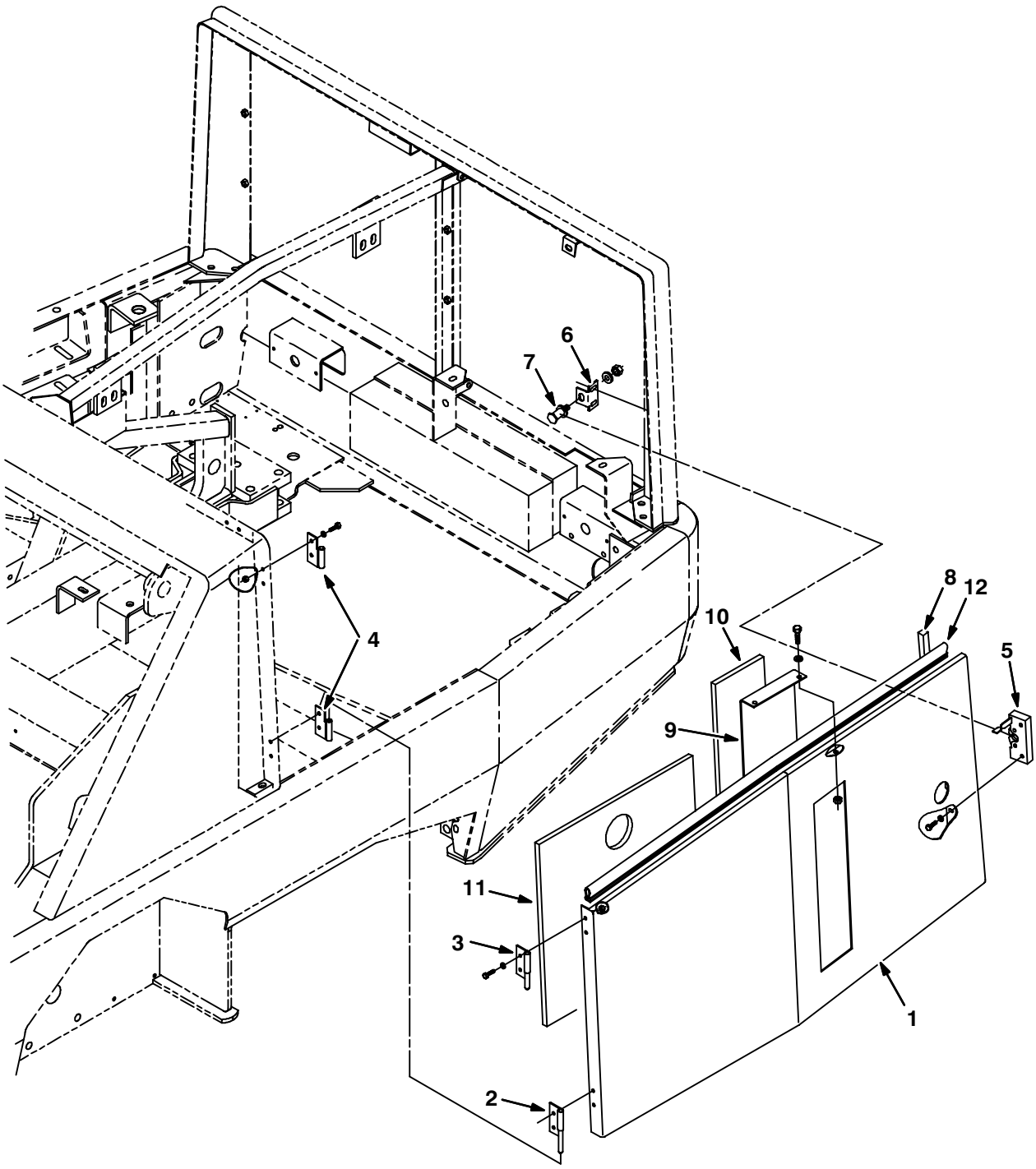


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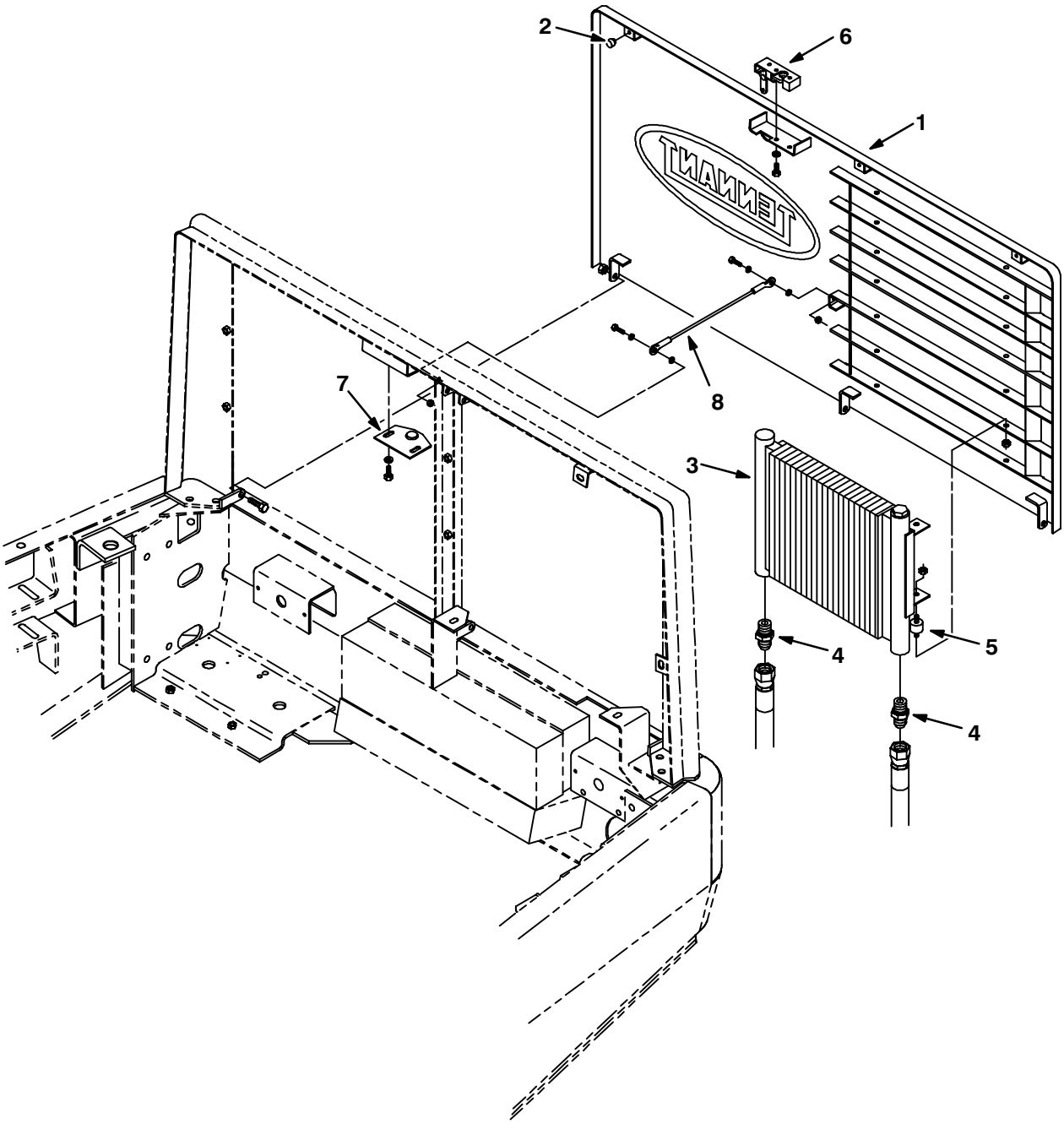
Fig. 12 – Engine Side Door Group

Ref.	Tennant Part No.	Machine Serial Number		Description	Qty.
1	77470	(001170–	)	Door Wldt, Engine	1
2	64543	(001170–	)	Hinge, W/Pin	1
3	70628	(001170–	)	Hinge, W/Pin	1
4	64545	(001170–	)	Hinge	2
5	58489	(001170–	)	Latch, Hook Rh	1
6	70407	(001170–	)	Angle, Bolt, Latch	1
7	59192	(001170–	)	Latch, Bolt	1
8	53461–2	(001170–	)	Seal,Foam Rbr, .62 .62W 24.5L	1
9	77467	(001170–	)	Panel	1
10	77630	(001170–	)	Insulation, S/Foam	1
11	77642	(001170–	)	Insulation, S/Foam	1
12	57820	(001170–	)	Seal, 48.0 Lg.	1

Fig. 13 – Grille and Hydraulic Cooler Group

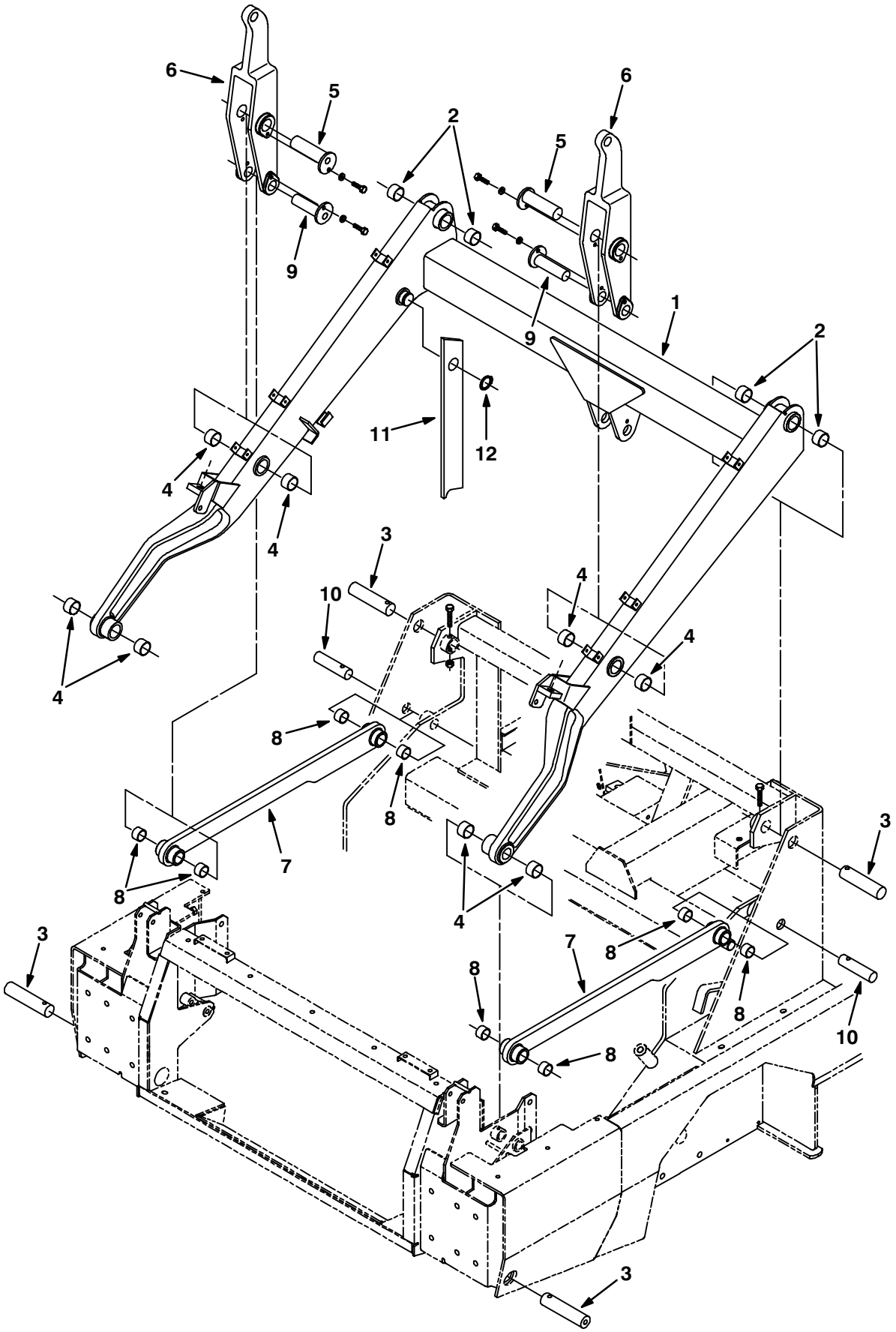


08540/07605

Fig. 13 – Grille and Hydraulic Cooler Group

Ref.	Tennant Part No.	Machine Serial Number		Description	Qty.
1	70552	(000000–	)	Door Wldt, Rear	1
2	51787	(000000–	)	Bumper, Rubber	3
3	64419	(000000–	)	Cooler–Hyd	1
4	42260	(000000–	)	Ftg–Hyd Str Jm12/Om12	2
5	51322	(000000–	)	Isolator–Vibration .31–18	4
6	59661	(000000–	)	Latch	1
7	65252	(000000–	)	Plate, Striker	1
8	36192	(000000–	)	Lanyard Assy.	1

Fig. 14 – Hopper Lift Arms Group



08510/07574

Fig. 14 – Hopper Lift Arms Group

Ref.	Tennant Part No.	Machine Serial Number	Description	Qty.
1	62996	(000000–001184)	Arm Wldt, Hopper Lift	1
2	58293	(000000–001184)	Bearng–Journal	4
3	62991	(000000–001184)	Pin, 1.500 Odx6.50, Drilled	4
4	58293	(000000–001184)	Bearng–Journal	8
5	62992	(000000–001184)	Pin Wldt, 1.500 Odx 5.00	2
6	62988	(000000–001102)	Link, Pivot, Machined	2
7	62985	(000000–001102)	Bar, Lower Arm, Machining	2
8	57936	(000000–001184)	Bearing–Journal	8
9	62993	(000000–001184)	Pin Wldt, 1.250 Od X 4.50	2
10	62990	(000000–001095)	Pin, 1.25 Odx 5.00, Drilled	2
11	63776	(000000–001184)	Arm, Safety	1
12	63926	(000000–001184)	Ring, Retaining, Ex 1.5 Dia Hd	1

Fig. 15 – Hopper Lift Arms Group

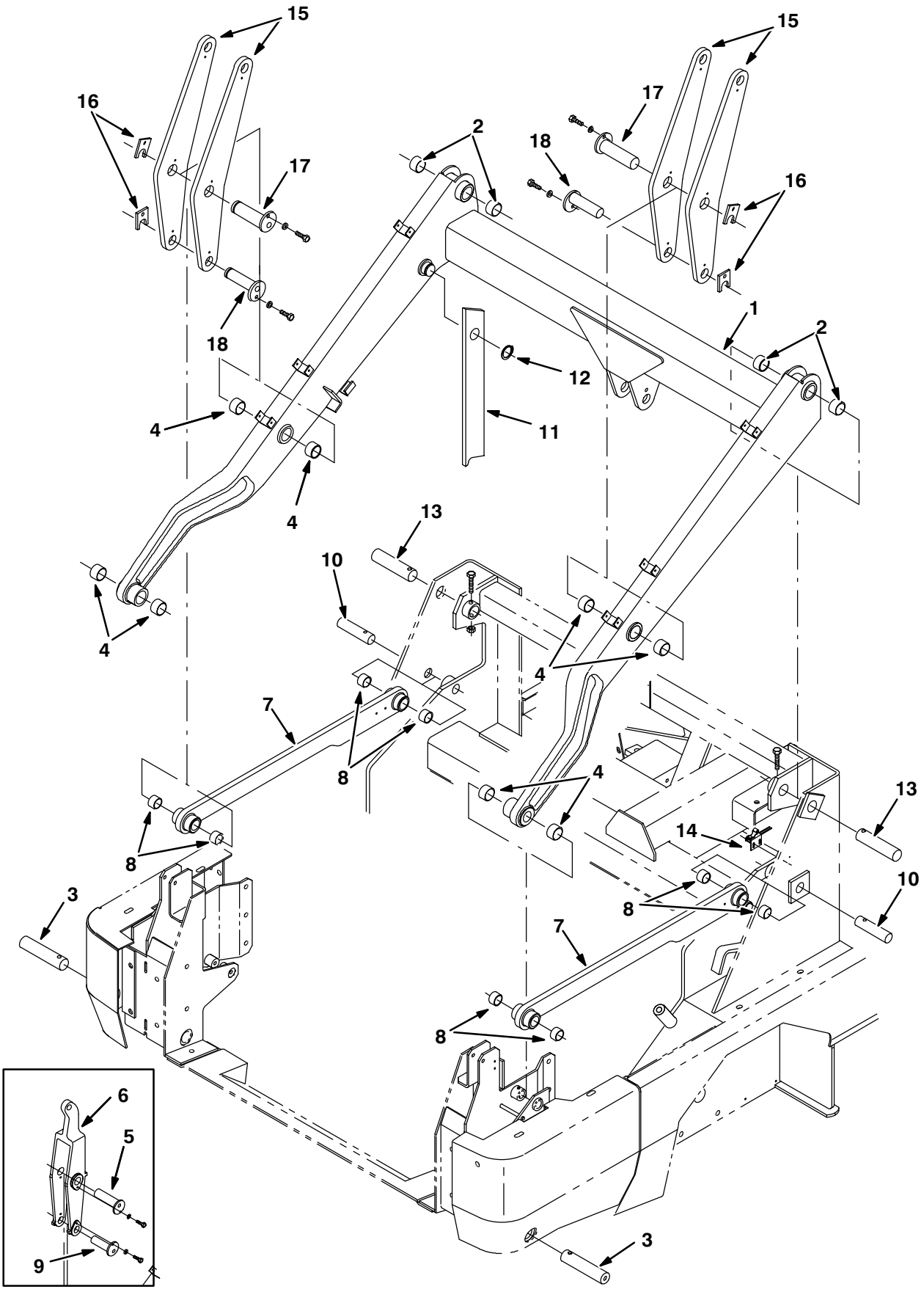


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Fig. 15 – Hopper Lift Arms Group

Ref.	Tennant Part No.	Machine Serial Number		Description	Qty.
1	62996	(001185 –	)	Arm Wldt, Hopper Lift	1
2	58293	(001185–	)	Bearng–Journal	4
3	77463	(001185–	)	Pin, 1.500 0Dx7.81, Drilled	2
4	58293	(001185–	)	Bearng–Journal	8
5	62992	(001185–001699	)	Pin, 1.500 Odx 5.00	2
6	76237	(001103–001699	)	Link, Pivot	2
7	76235	(001103–	)	Bar, Arm, Lower, Machining	2
8	57936	(001185–	)	Bearing–Journal	2
9	62993	(001185–001699	)	Pin, 1.250 Od X 4.50	2
10	76470	(001096–	)	Pin	2
11	63776	(001185–	)	Arm, Safety	1
12	63926	(001185–	)	Ring, Retaining, Ex 1.5 Dia Hd	1
13	76471	(001185–	)	Pin	2
14	59965	(001185–	)	Switch, Roller	1
15	83549	(001700–	)	Plate, Link	4
16	83554	(001700–	)	Plate, Pin Retainer	4
17	83551	(001700–	)	Pin Weldt.	2
18	83553	(001700–	)	Pin Weldt.	2

Fig. 16 – Hopper Lift Cylinders Group

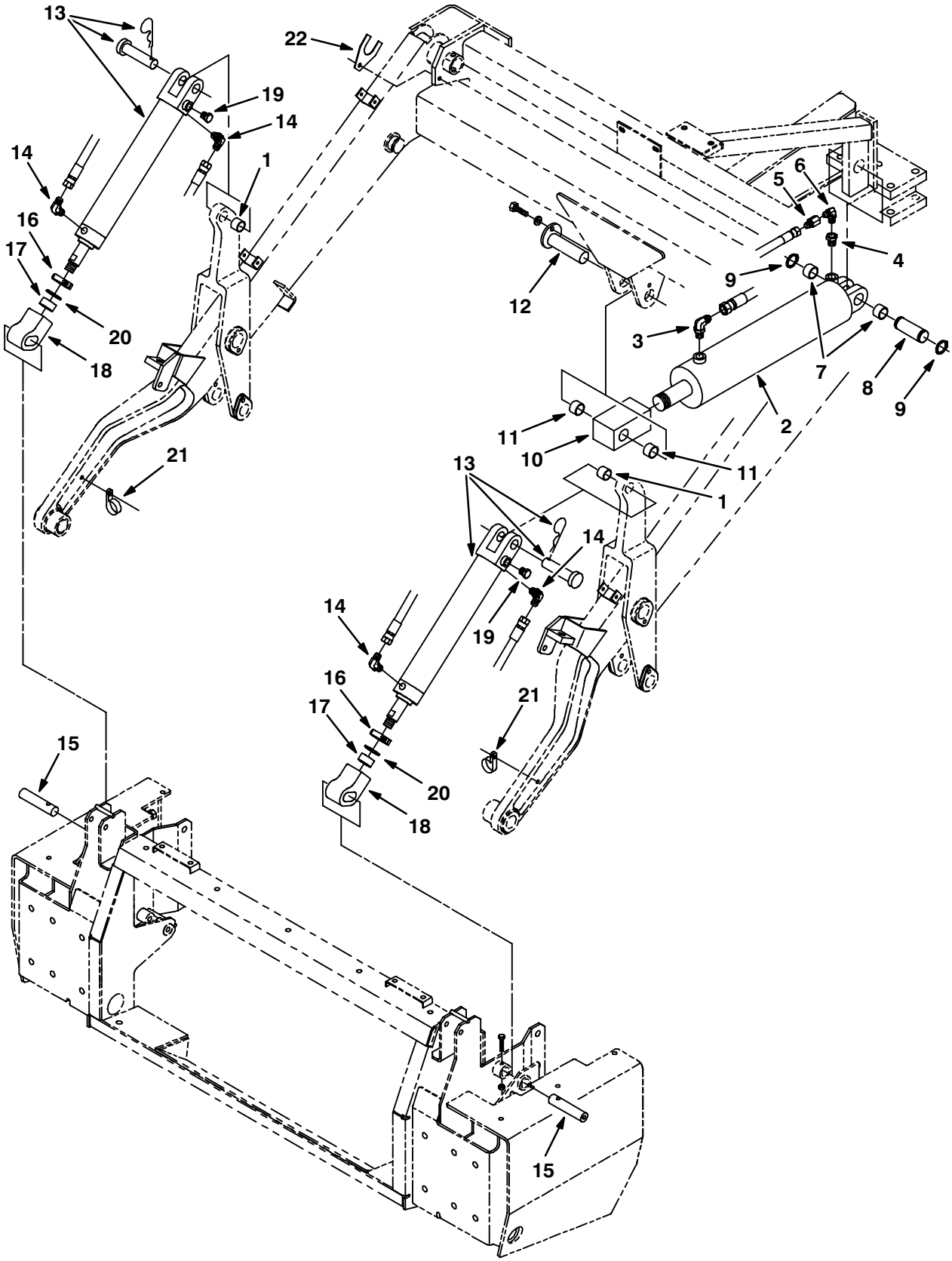

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Fig. 16 – Hopper Lift Cylinders Group

Ref.	Tennant Part No.	Machine Serial Number	Description	Qty.
1	35529	(000000–001241)	Bearing, Journal	2
2	62975	(000000–001241)	Cylinder, Hyd (See Breakdowns)	1
3	47512	(000000–001241)	Ftg–Hyd E90 Jm06/Om08	1
4	55686	(000000–001241)	Ftg–Hyd Str Jm04/Om08	1
5	16456	(000000–001241)	Ftg–Hyd Rst Jm04/.063	1
6	39210	(000000–001241)	Ftg–Hyd E90 Jm04/Jf04	1
7	63585	(000000–001241)	Bearing, Journal	1
8	63583	(000000–001241)	Pin, 1.25 Odx 3.50, Grooved	1
9	58359	(000000–001241)	Retaining Ring–External, 1.25D	2
10	64156	(000000–001241)	Bar, Cylinder End	1
11	57936	(000000–001241)	Bearing–Journal	2
12	62993	(000000–001241)	Pin Wldt, 1.250 Od X 4.50	1
13	~~65223~~	(000000–001241)	Cylinder, Hyd ~~(See Breakdowns)~~	2
14	47638	(000000–001241)	Ftg–Hyd E90 Jm04/Om06	4
15	63584	(000000–001241)	Pin, 1.00 Odx 4.50, Drilled	2
16	70459	(000000–001241)	Collar, Clamping	2
17	70523	(000000–001241)	Spacer	2
18	70514	(000000–001241)	Bar, Cylinder End	2
19	46482	(000000–001241)	Ftg–Hyd Plg Om06	2
20	73736	(000000–001241)	Washer,1.142B 1.75D .07 Lcs	2
21	67767	(000000–001241)	Clamp–Cable	2
22	75891	(000000–001241)	Shim	2

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Fig. 17 – Hopper Lift Cylinders Group

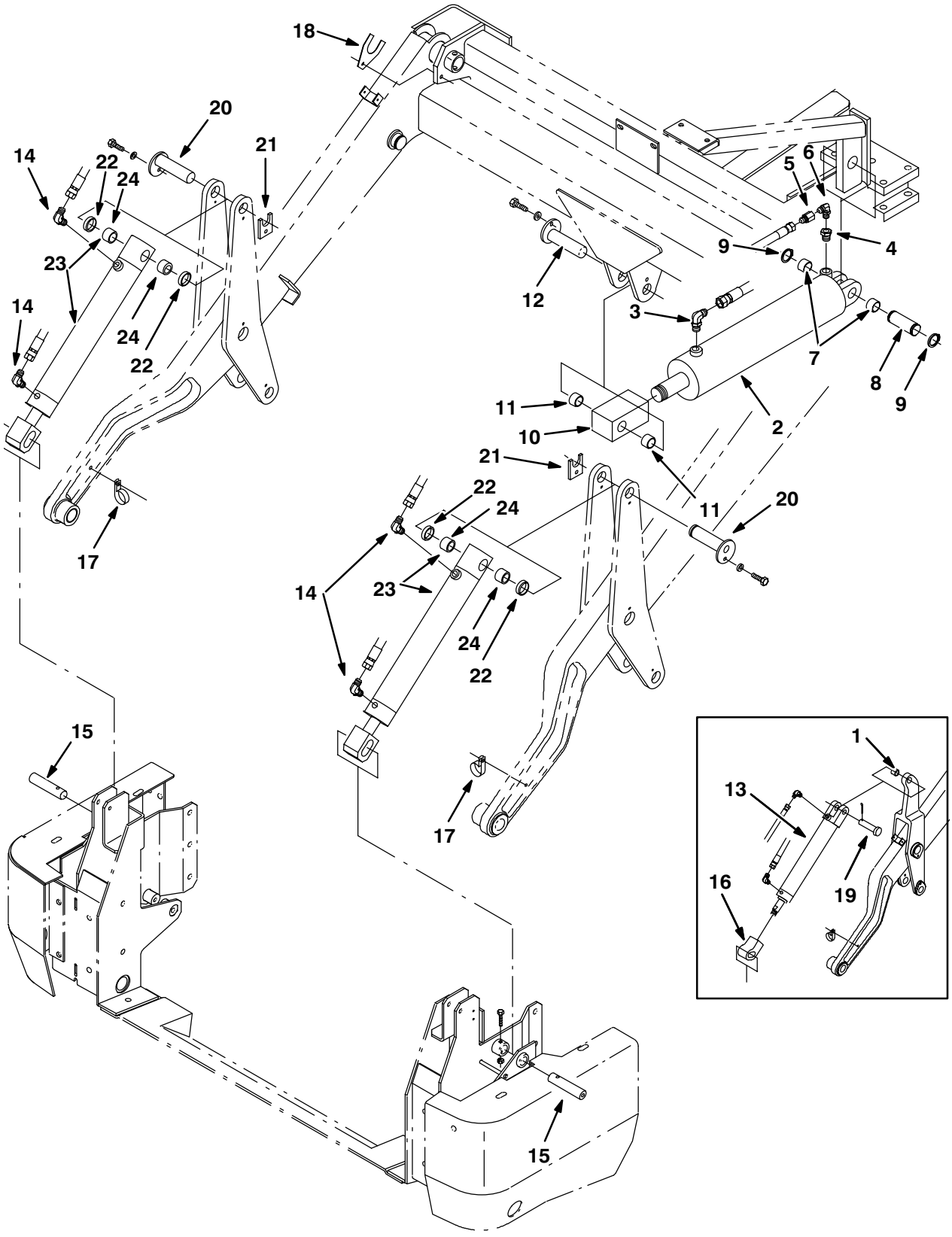

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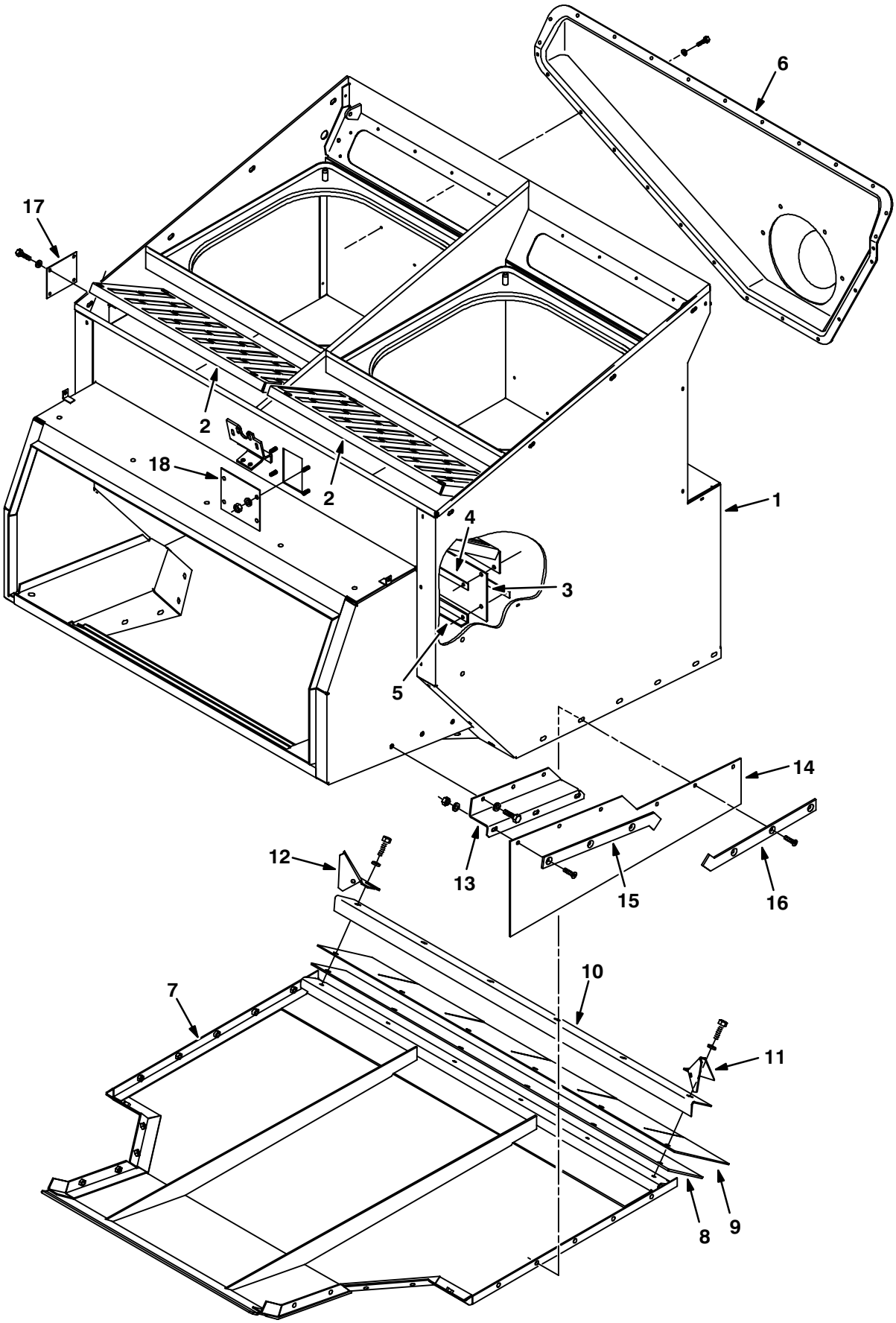
Fig. 17 – Hopper Lift Cylinders Group

	Ref.	Tennant Part No.	Machine Serial Number		Description	Qty.
	1	35529	(001242–001699	)	Bearing, Journal	2
	2	62975	(001242–	)	Cylinder, Hyd 4.0B 14.5S 2500 (See Breakdowns)	1
	3	47512	(001242–	)	Ftg–Hyd E90 Jm06/Om08	1
	4	55686	(001242–	)	Ftg–Hyd Str Jm04/Om08	1
	5	16456	(001242–	)	Ftg–Hyd Rst Jm04/.063	1
	6	39210	(001242–	)	Ftg–Hyd E90 Jm04/Jf04	1
	7	63585	(001242–	)	Bearing, Journal	1
	8	63583	(001242–	)	Pin, 1.25 Odx 3.50, Grooved	1
	9	58359	(001242–	)	Retaining Ring–External, 1.25D	2
	10	64156	(001242–	)	Bar, Cylinder End	1
	11	57936	(001242–	)	Bearing–Journal	2
	12	83553	(001242–	)	Pin, 1.250 Od X 4.50	1
1036652	13	~~77780~~	(001242–001699	)	Cylinder, Hyd 2.0B 11.6S 2500	2
	14	47638	(001242–	)	Ftg–Hyd E90 Jm04/Om06	4
	15	63584	(001242–	)	Pin, 1.00 Odx 4.50, Drilled	2
	16	70514	(001242–001699	)	Bar, Cylinder End	2
	17	67767	(001242–	)	Clamp–Cable,.69Dia. 62Wth	2
	18	75891	(001242–	)	Plate, Spacer	2
	19	04733–4	(001242–001699	)	Pin,Clevis,1.00 Dia.X 2.50 Lg	2
	20	83553	(001700–	)	Pin Wldt.	2
	21	83554	(001700–	)	Plate, Pin Retainer	2
	22	83555	(001700–	)	Spacer	4
∇	23	21304	(001700–	)	Cylinder, hyd. 2.0 B 14.9S 2500	2
	24	57936	(001700–	)	Bearing–Journal	2

Fig. 18 – Hopper Group

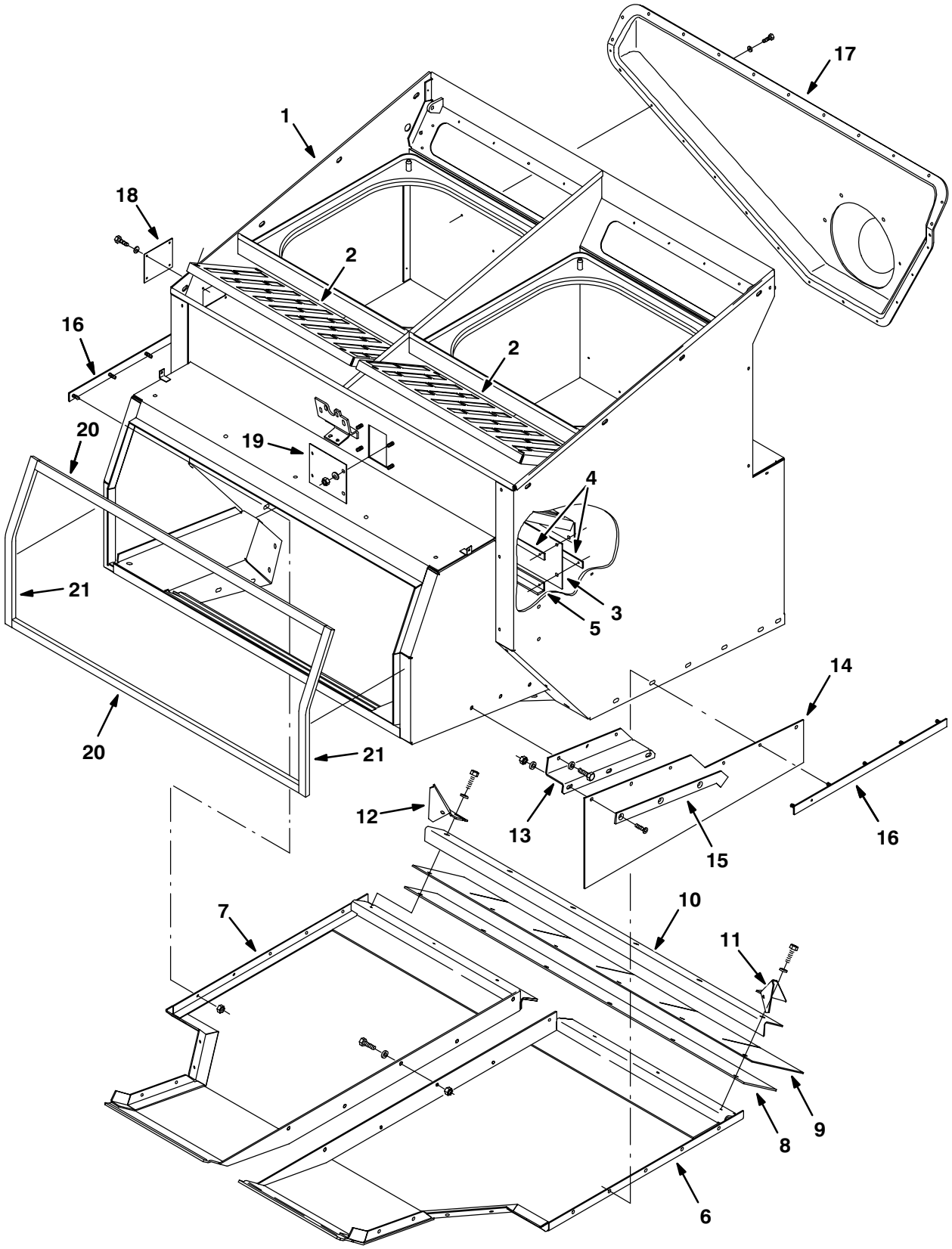


08557/07573

Fig. 18 – Hopper Group

Ref.	Tennant Part No.	Machine Serial Number	Description	Qty.
1	63673	(000000–001113)	Hopper Wldt	1
2	63665	(000000–001113)	Panel, Permafilter, Upper	2
3	63667	(000000–001113)	Seal, Dust	1
4	63668	(000000–001113)	Bar, Retainer, Dust Seal	1
5	63669	(000000–001113)	Angle, Dust Seal	1
6	70388	(000000–001113)	Duct, Inlet, Vac Fan	1
7	63648	(000000–001113)	Panel Wldt	1
8	73678	(000000–001113)	Skirt, Lip	1
9	73679	(000000–001113)	Skirt, Lip	1
10	63647	(000000–001113)	Angle, Retainer, Lip	1
11	74046	(000000–001113)	Panel, Deflector, Dirt, Rh	1
12	74045	(000000–001113)	Panel, Deflector, Dirt, Lh	1
13	73772	(000000–001113)	Bracket, Mtg, Skirt	1
14	73771	(000000–001113)	Skirt, Deflector	1
15	73749	(000000–001113)	Strip, Retainer, Skirt, Front	1
16	73748	(000000–001339)	Strip, Retainer, Skirt, Rear	1

Fig. 19 – Hopper Group

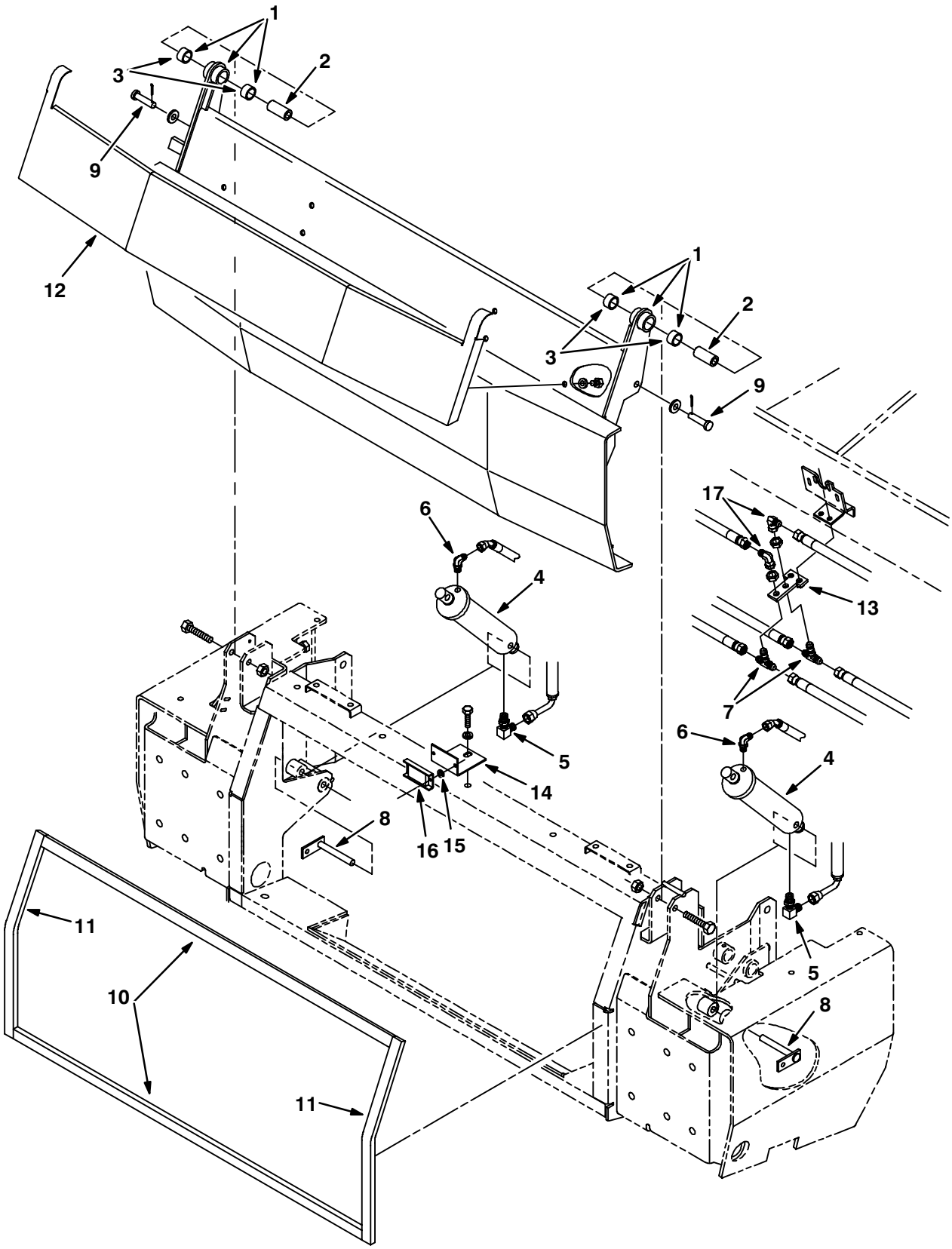


09814/07573

Fig. 19 – Hopper Group

Ref.	Tennant Part No.	Machine Serial Number		Description	Qty.
1	76487	(001114–	)	Hopper Wldt	1
2	63665	(001114–	)	Panel, Permafilter, Upper	2
3	63667	(001114–	)	Seal, Dust	1
4	63668	(001114–	)	Bar, Retainer, Dust Seal	2
5	63669	(001114–	)	Angle, Dust Seal	1
6	76474	(001114–	)	Panel, Hopper, Bottom, Lh	1
7	76384	(001114–	)	Panel, Bottom, Hopper, Rh	1
8	73678	(001114–	)	Skirt, Lip	1
9	73679	(001114–	)	Skirt, Lip	1
10	63647	(001114–	)	Angle, Retainer, Lip	1
11	74046	(001114–	)	Panel, Deflector, Dirt, Rh	1
12	74045	(001114–	)	Panel, Deflector, Dirt, Lh	1
13	73772	(001114–	)	Bracket, Mtg, Skirt	1
14	73771	(001114–	)	Skirt, Deflector	1
15	73749	(001114–	)	Strip, Retainer, Skirt, Front	1
16	79139	(001340–	)	Strip, Hopper	2
17	70388	(001114–	)	Duct, Inlet, Vac Fan	1
18	74069	(001114–	)	Plate, Cover	1
19	73887	(001114–	)	Plate, Cover	1
20	79597	(001114–	)	Seal, Foam, Urethane Covered	2
21	79600	(001114–	)	Seal, Foam, Urethane Covered	2

Fig. 20 – Hopper Door Group

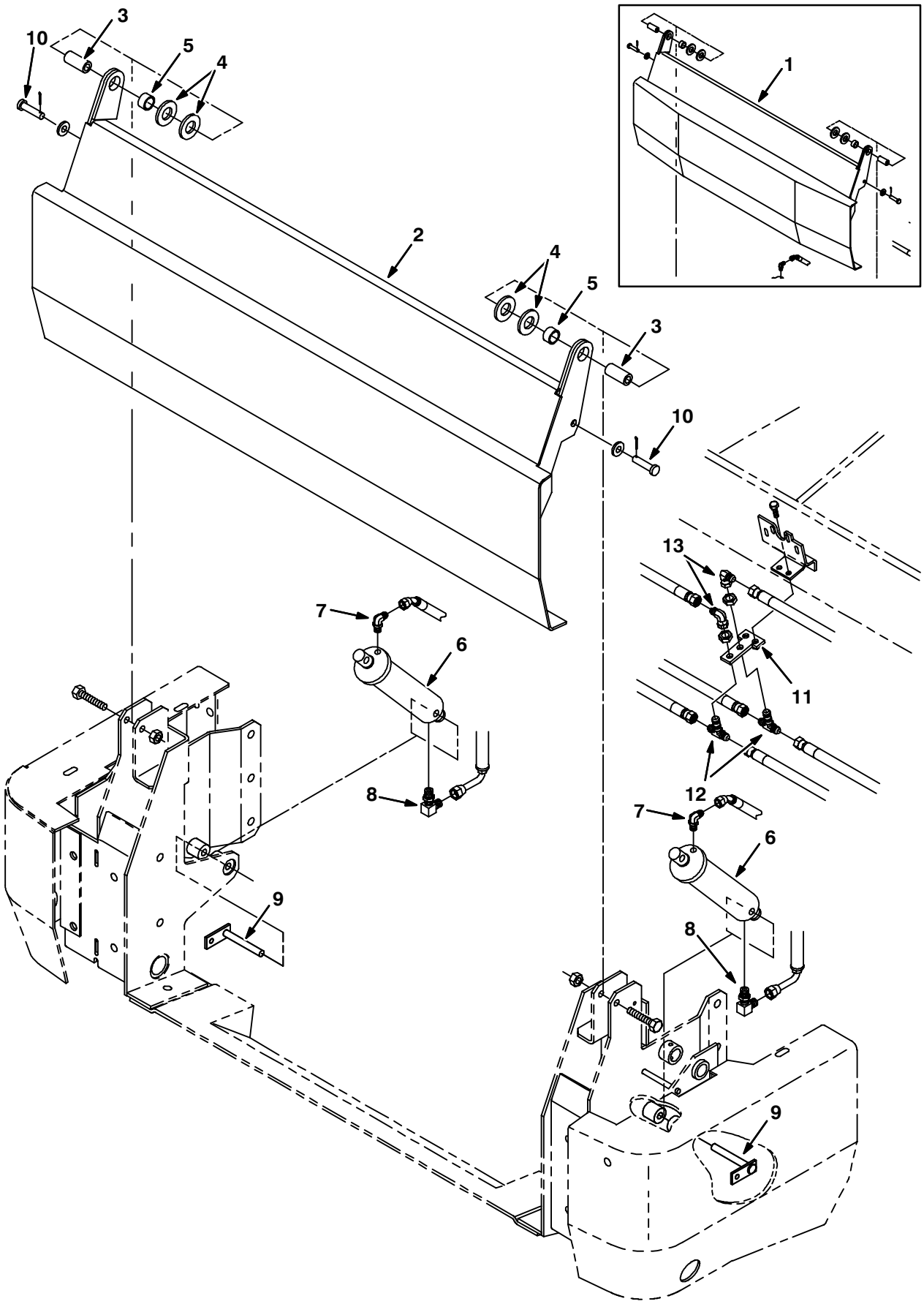


08511/07575

Fig. 20 – Hopper Door Group

Ref.	Tennant Part No.	Machine Serial Number	Description	Qty.
1	64232	(000000–001130)	Door Wldt, Hopper	1
2	65302	(000000–001130)	Sleeve, .531B .99D1 .75 Stl	2
3	35688	(000000–001130)	Bearing, Journal	4
4	63589	(000000–001130)	Cylinder, Hyd	2
5	77097	(000000–001130)	Ftg–Hyd E90 Jm04/Om04	2
6	82825	(000000–001130)	Ftg–Hyd E90 Jm04/Om04	2
7	34392	(000000–001130)	Ftg–Hyd Tee Jm04Jmjm	2
8	64893	(000000–001130)	Pin	2
9	11211	(000000–001130)	Pin, Clevis .50 Dia X 2.25 Lg	2
10	70854	(000000–001130)	Seal, Urethane	2
11	70855	(000000–001130)	Seal, Urethane	2
12	65287	(000000–001130)	Panel, Hopper Door	1
13	75012	(000000–001130)	Bracket, Mtg, Ftg	1
14	75852	(000000–001130)	Bracket, L	1
15	63416	(000000–001130)	Washer, .310B .88D .12Rbr	2
16	63378	(000000–001130)	Magnet	1
17	39210	(001055–001130)	Ftg–Hyd E90 Jm04/Jf04	2

Fig. 21 – Hopper Door Group

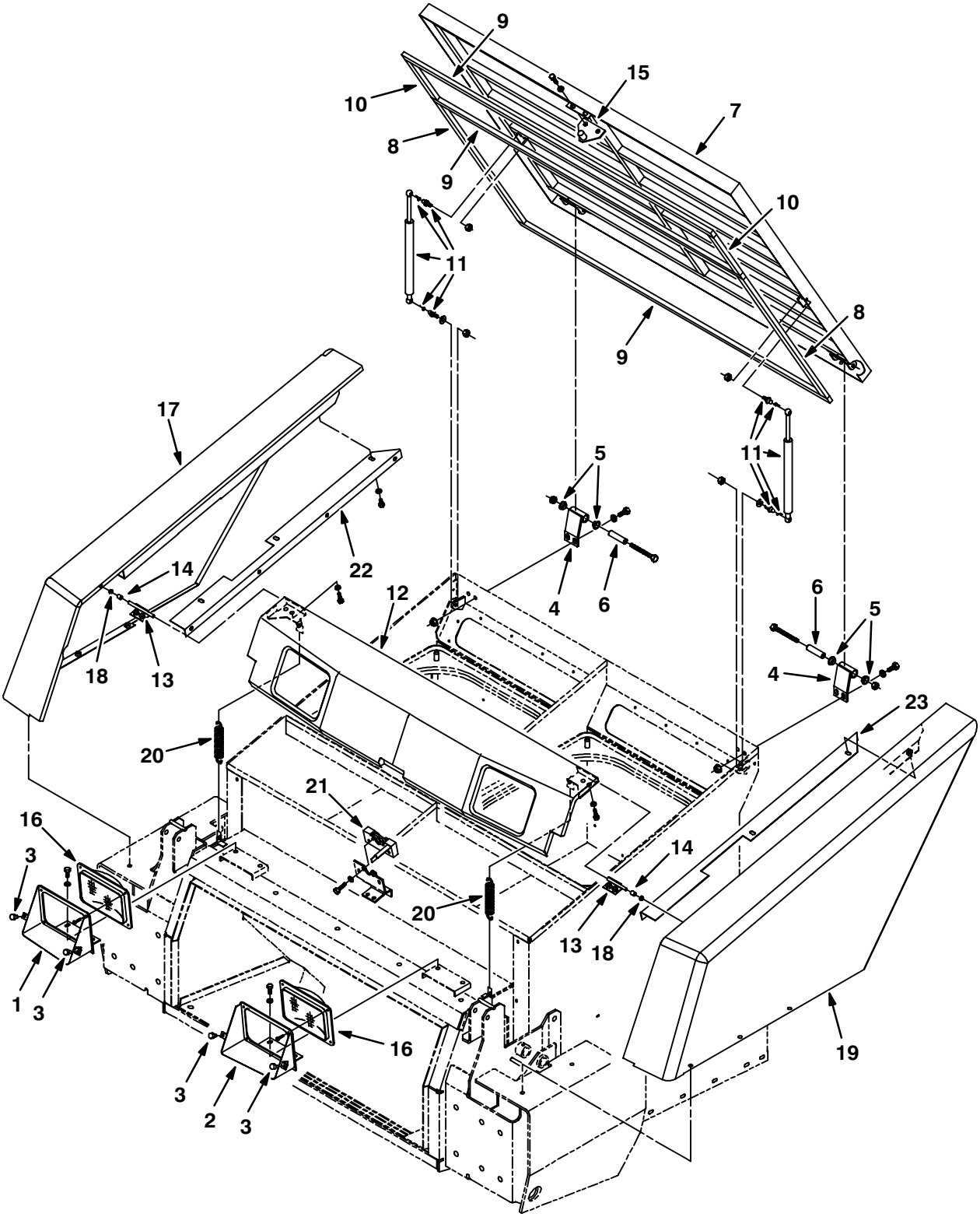


09820/07575

Fig. 21 – Hopper Door Group

Ref.	Tennant Part No.	Machine Serial Number		Description	Qty.
1	76936	(001131–001258	)	Door Wldt, Hopper	1
2	76529	(001259–001699	)	Door Wldt, Hopper	1
2	83618	(001700–	)	Door Wldt, Hopper	1
3	79138	(001131–	)	Sleeve, Pivot, Door	2
4	79596	(001131–	)	Washer, 1.015B 1.75D .11Hrs	4
5	35688	(001131–	)	Bearing, Journal	2
6	21721	(001131–	)	Cylinder, Hyd 2.0B 8.0S 2500	2
7	82825	(001131–	)	Ftg–Hyd E90 Jm04/Om04	2
8	77097	(001131–	)	Ftg–Hyd E90 Jm04/Om04	2
9	64893	(001131–	)	Pin	2
10	21722	(001131–	)	Pin, Clevis .50 Dia X 2.25 Lg	2
11	75012	(001131–	)	Bracket, Mtg, Ftg	1
12	34392	(001131–	)	Ftg–Hyd Tee Jm04Jmjm	2
13	39210	(001131 –	)	Ftg–Hyd E90 Jm04/Jf04	2

Fig. 22 – Hopper Cover Group

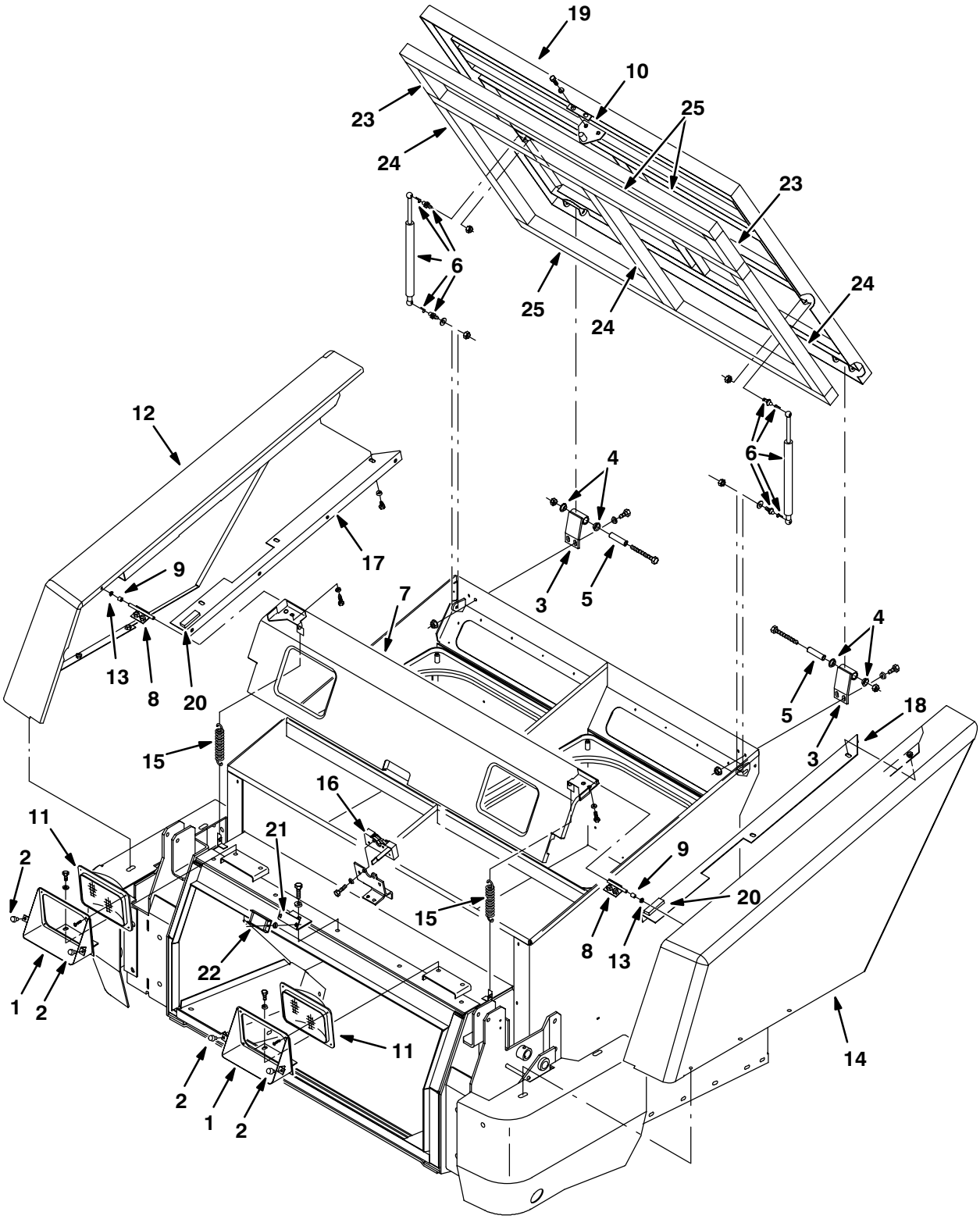


08513/07577

Fig. 22 – Hopper Cover Group

Ref.	Tennant Part No.	Machine Serial Number	Description	Qty.
1	65290	(000000–001130)	Bracket Wldt, Mtg,Headlamp,Rh (Replaced by 77388)	1
2	70472	(000000–001130)	Bracket Wldt, Mtg,Headlamp,Lh (Replaced by 77388)	1
3	51787	(000000–001211)	Bumper, Rubber	4
4	70762	(000000–001211)	Hinge Wldt	2
5	04843	(000000–001211)	Bearing, Flange .625 Bore	4
6	70761	(000000–001211)	Tube, 0.62D .44B 2.44,Stl	2
7	70595	(000000–001211)	Cover Assy, Hopper	1
8	70851	(000000–001211)	Seal, Urethane	3
9	70852	(000000–001211)	Seal, Urethane	2
10	70853	(000000–001211)	Seal, Urethane	2
11	69906	(000000–001211)	Spring–Gas Assy	2
12	65285	(000000–001130)	Panel Wldt, Headlight	1
13	70730	(000000–001211)	Hinge Wldt	2
14	74015	(000000–001211)	Sleeve, .320B .32D .49 Lc Stl	2
15	70742	(000000–001211)	Pin Wldt, Latch	1
16	58524	(000000–001211)	Headlight, 12V.Rect.	2
17	65278	(000000–001211)	Panel Wldt, Fender, Rh	1
18	11747	(000000–001211)	Bearing, Nylon	2
19	65281	(000000–001211)	Panel Wldt, Fender, Lh	1
20	01274	(000000–001211)	Sprng,Tens,0.965Odx.09Wire4.4L	2
21	59195	(000000–001211)	Latch, Hook, Rh	1
22	75047	(000000–001211)	Bracket, R. H.	1
23	75046	(000000–001211)	Bracket, L. H.	1

Fig. 23 – Hopper Cover Group



09823/07577

Fig. 23 – Hopper Cover Group

Ref.	Tennant Part No.	Machine Serial Number		Description	Qty.
1	77388	(001131–	)	Bracket, Mounting, Headlamp	2
2	51787	(001212–	)	Bumper, Rubber	4
3	70762	(001212–	)	Hinge	2
4	04843	(001212–	)	Bearing, Flange .625 Bore	4
5	70761	(001212–	)	Tube, 0.62D .44B 2.44, Stl	2
6	69906	(001212–	)	Spring–Gas, Engine Cover	2
7	77394	(001131–	)	Panel, Headlight	1
8	70730	(001212–	)	Hinge	2
9	74015	(001212–	)	Sleeve, .320B .32D .49 Lc Stl	2
10	70742	(001212–	)	Pin Wldt, Latch	1
11	58524	(001212–	)	Headlight, 12V.Rect.	2
12	65278	(001212–	)	Panel Wldt, Fender, Rh	1
13	11747	(001212–	)	Bearing, Nylon	2
14	65281	(001212–	)	Panel Wldt, Fender, Lh	1
15	01274	(001212–	)	Sprng,Tens,0.965Odx.09Wire4.4L	2
16	79019	(001212–	)	Latch, Hook, Rh, Single Catch	1
17	75047	(001212–	)	Bracket, Rh	1
18	75046	(001212–	)	Bracket, Lh	1
19	79587	(001212–001383	)	Cover Assy, Hopper	1
19	21221	(001384–	)	Cover Assy, Hopper	1
20	79591	(001212–	)	Bumper, Cover, Hopper	2
21	77400	(001131–	)	Angle, Mount	1
22	63378	(001212–	)	Magnet, Drive Brush	1
23	77390	(001212–	)	Seal, Urethane Covered Foam	2
24	77391	(001212–	)	Seal, Urethane Covered Foam	3
25	77392	(001212–	)	Seal, Urethane Covered Foam	3

Fig. 24 – Hopper Bumper Group

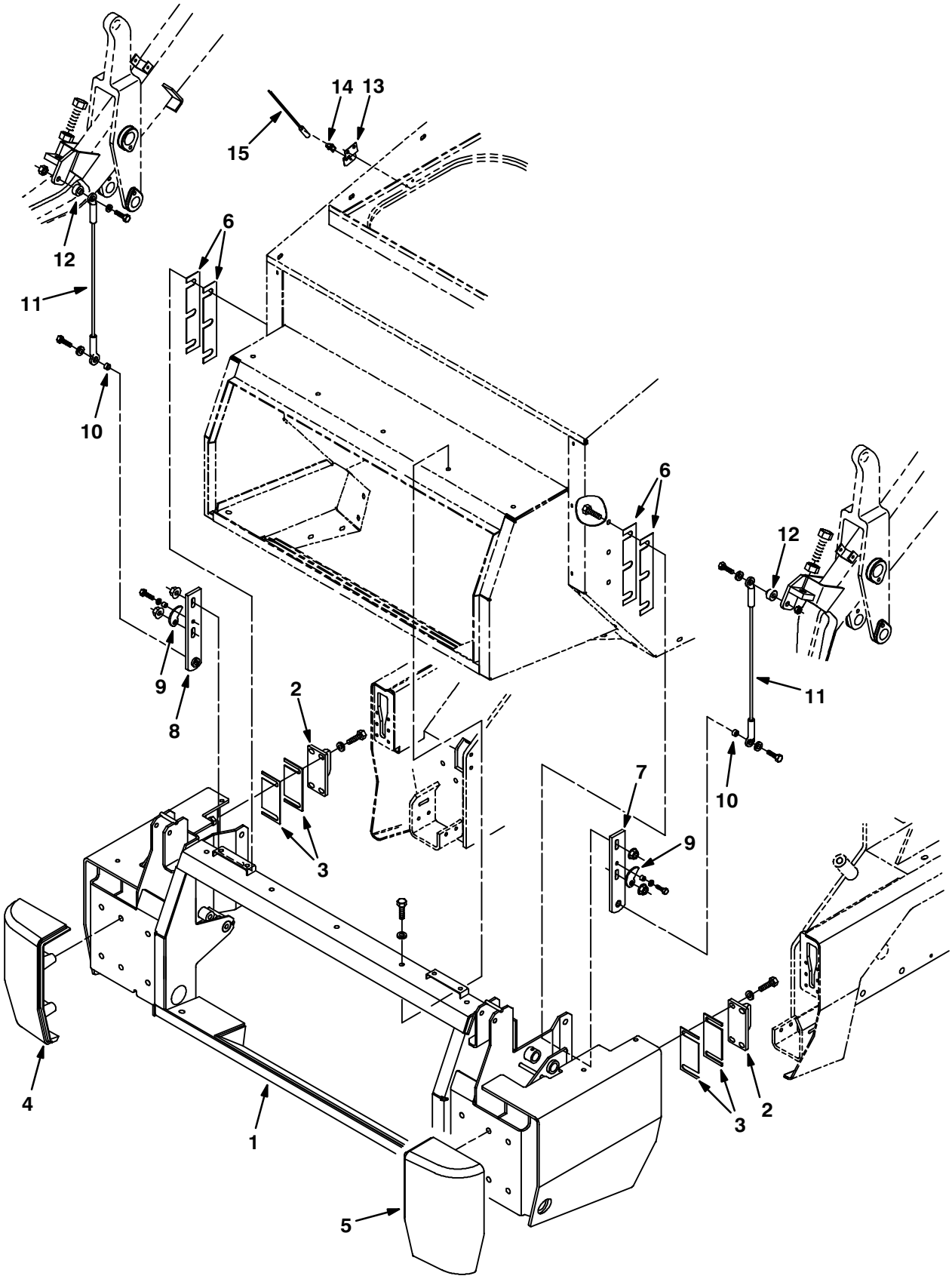


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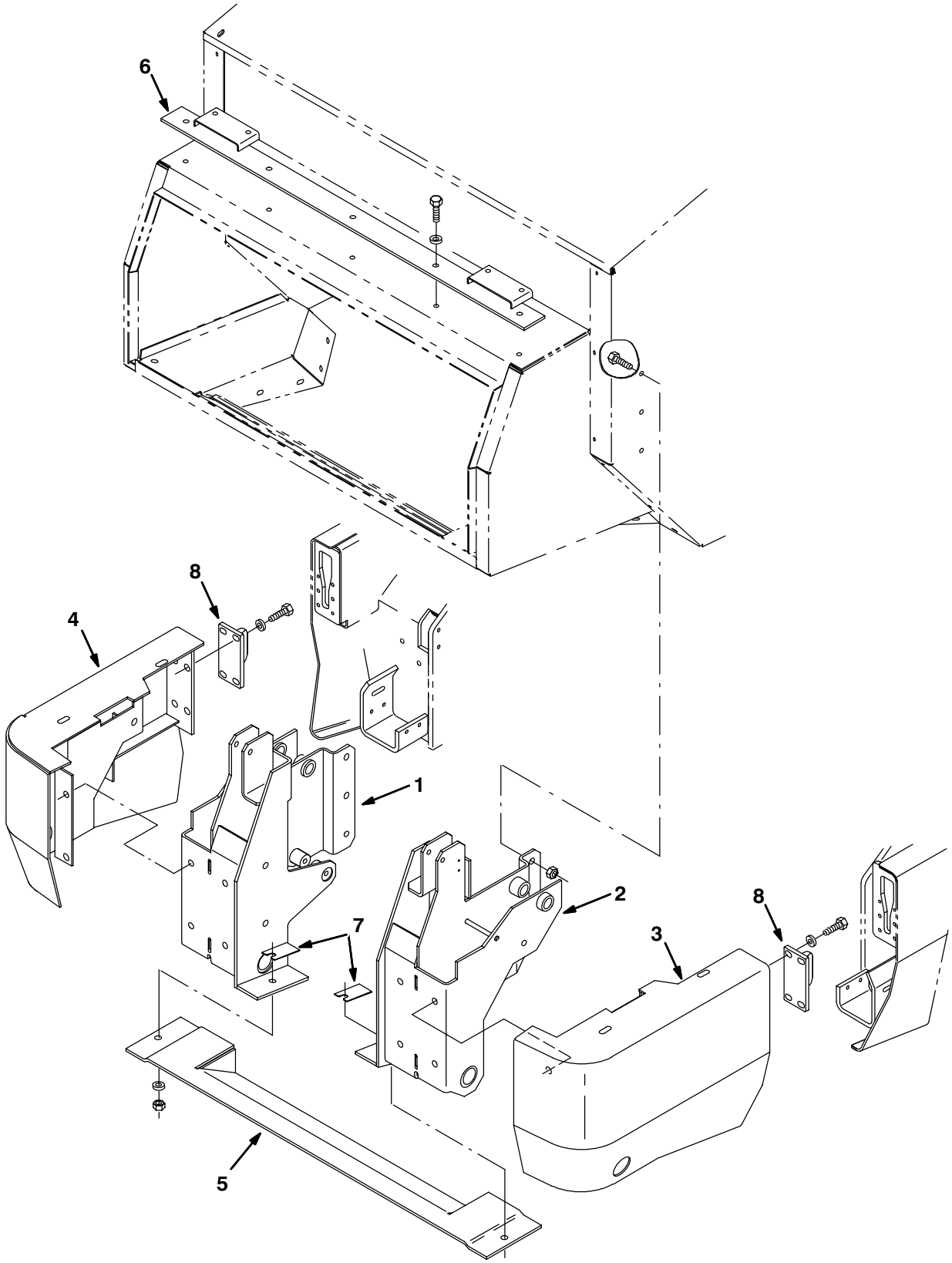
Fig. 24 – Hopper Bumper Group

Ref.	Tennant Part No.	Machine Serial Number	Description	Qty.
1	63632	(000000–001184)	Bumper Wldt, Front	1
2	63671	(000000–001184)	Latch, Bumper	2
3	63662	(000000–001184)	Plate, Shim, Bumper, .06 Thk	4
4	63676	(000000–001184)	Bumper, Front, Machining, Rh	1
5	63677	(000000–001184)	Bumper, Front, Machining, Lh	1
6	74070	(000000–001184)	Plate, Shim, Hopper	4
7	74867	(000000–001102)	Plate Wldt, Link, Lh	1
8	74868	(000000–001102)	Plate Wldt, Link, Rh	1
9	75667	(000000–001102)	Cam, Adjuster	2
10	40282	(000000–001102)	Sleeve, .370B .50D .38 Cd.Znc	2
11	70532	(000000–001102)	Cable, Retaining	2
12	70528	(000000–001102)	Spacer	2
13	75827	(000000–001102)	Bracket, Mtg, Switch	1
14	40131	(000000–001102)	Clip, Mercury Switch	1
15	75843	(000000–001102)	Switch Assy, Hopper, Angle	1

Fig. 25 – Hopper Bumper Group

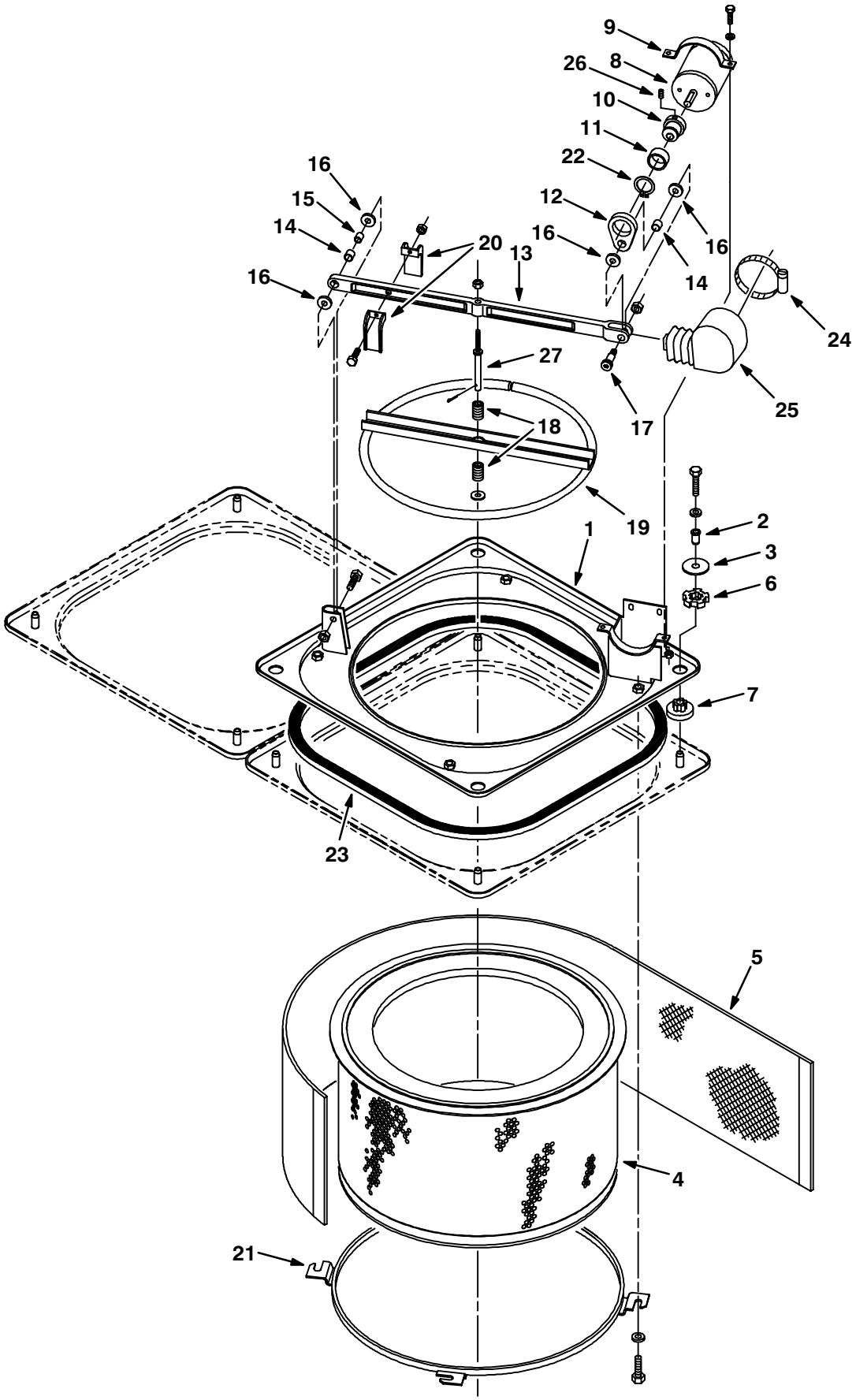


09801/09802

Fig. 25 – Hopper Bumper Group

Ref.	Tennant Part No.	Machine Serial Number	Description	Qty.
1	76895	(001185–001699)	Bumper Wldt, Front, Rh	1
1	83547	(001700–)	Bumper Wldt, Sppt, Hopper, Rh	1
2	77479	(001185–001699)	Support Wldt, Hopper Lh	1
2	83548	(001700–)	Support Wldt, Sppt, Hopper Lh	1
3	77482	(001185–001699)	Bumper Wldt, Lh	1
3	83620	(001700–)	Bumper Wldt, Lh	1
4	76871	(001185–001699)	Bumper Wldt, Rh	1
4	83622	(001700–)	Bumper Wldt, Rh	1
5	77523	(001185–)	Guard Wldt, Hopper	1
6	77516	(001185–)	Bracket Wldt, Mtg, Headlight	1
7	79181	(001185–)	Shim	2
8	63671	(001185–)	Latch, Bumper	2

Fig. 26 – Filter Shaker Group

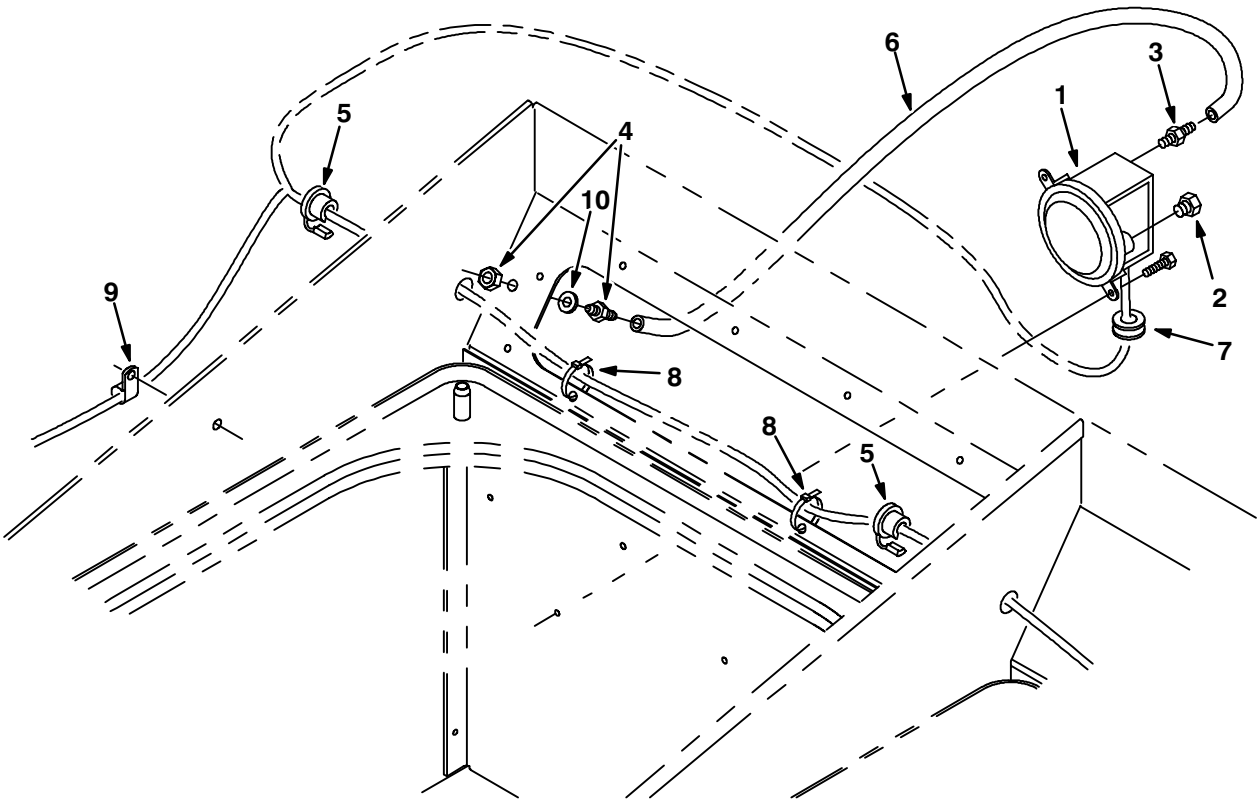


08512/07576

Fig. 26 – Filter Shaker Group

	Ref.	Tennant Part No.	Machine Serial Number		Description	Qty.
	1	64580	(000000–	)	Panel Wldt, Shaker	2
	2	64874	(000000–	)	Ferrule	8
	3	64873	(000000–	)	Disc	8
∇	4	63297	(000000–	)	Filter Assy	2
△	5	63311	(000000–	)	Screen, Filter	1
	6	64618	(000000–	)	Ring, Isolator, Outer, Rbr	8
	7	64621	(000000–	)	Bushing, Isolator	8
	8	31999	(000000–	)	Motor, Electric, 13.6 Vdc	2
	9	64559	(000000–	)	Clamp, Mtg, Motor, Upper	2
	10	64567	(000000–	)	Shaft, Eccentric	2
	11	32006	(000000–	)	Bearing	2
	12	64394	(000000–	)	Link, Eccentric	2
∇	13	77471	(000000–	)	Shaker Bar Replacement Kit	2
△	14	63233	(000000–	)	Bearing, Fiberglide .50 X .50	2
△	15	63234	(000000–	)	Sleeve, Bearing	1
△	16	59633	(000000–	)	Bearing, Thrust – Fiberglide	4
△	17	58357	(000000–	)	Shoulder Screw	2
	18	64392	(000000–	)	Spring	4
	19	64501	(000000–	)	Ring Wldt, Shaker	2
	20	64410	(000000–	)	Guide	4
	21	64500	(000000–	)	Ring Wldt, Mtg, Filter	2
	22	70651	(000000–	)	Ring, Retaining, Ext 1.12	2
	23	21303	(000000–	)	Seal Kit, Shaker Panel	2
	24	43555	(000000–	)	Clamp–Wormdrive, 1.62– 3.50D	2
	25	73734	(000000–	)	Seal, Dust	2
	26	70650	(000000–	)	Set Screw	2
	27	32009	(000000–	)	Bar, Shaker Stem	2

Fig. 27 – Pressure Switch Group



08555/07626

Fig. 27 – Pressure Switch Group

Ref.	Tennant Part No.	Machine Serial Number		Description	Qty.
1	75465	(000000–	)	Switch, Pressure	1
2	82739	(000000–	)	Ftg, Breather	1
3	40607	(000000–	)	Ftg–Brs Str Bm03/Pm02	1
4	39923	(000000–	)	Ftg,Bulkhead–Barb Wh 1074X4	1
5	34864	(000000–	)	Strain,Relief	2
6	73727	(000000–	)	Hose, Vac, Rubber	1
7	10632–4	(000000–	)	Grommet,Rbr,0.62Id,For .06Matl	1
8	49266	(000000–	)	Tie, Cable 1.75D Max 7.50Lg	4
9	26395–1	(000000–	)	Clamp–Cable, 0.56Dia 0.38Wth	2
10	43454	(000000–	)	Washer	1

Fig. 28 – Engine and Mount Group

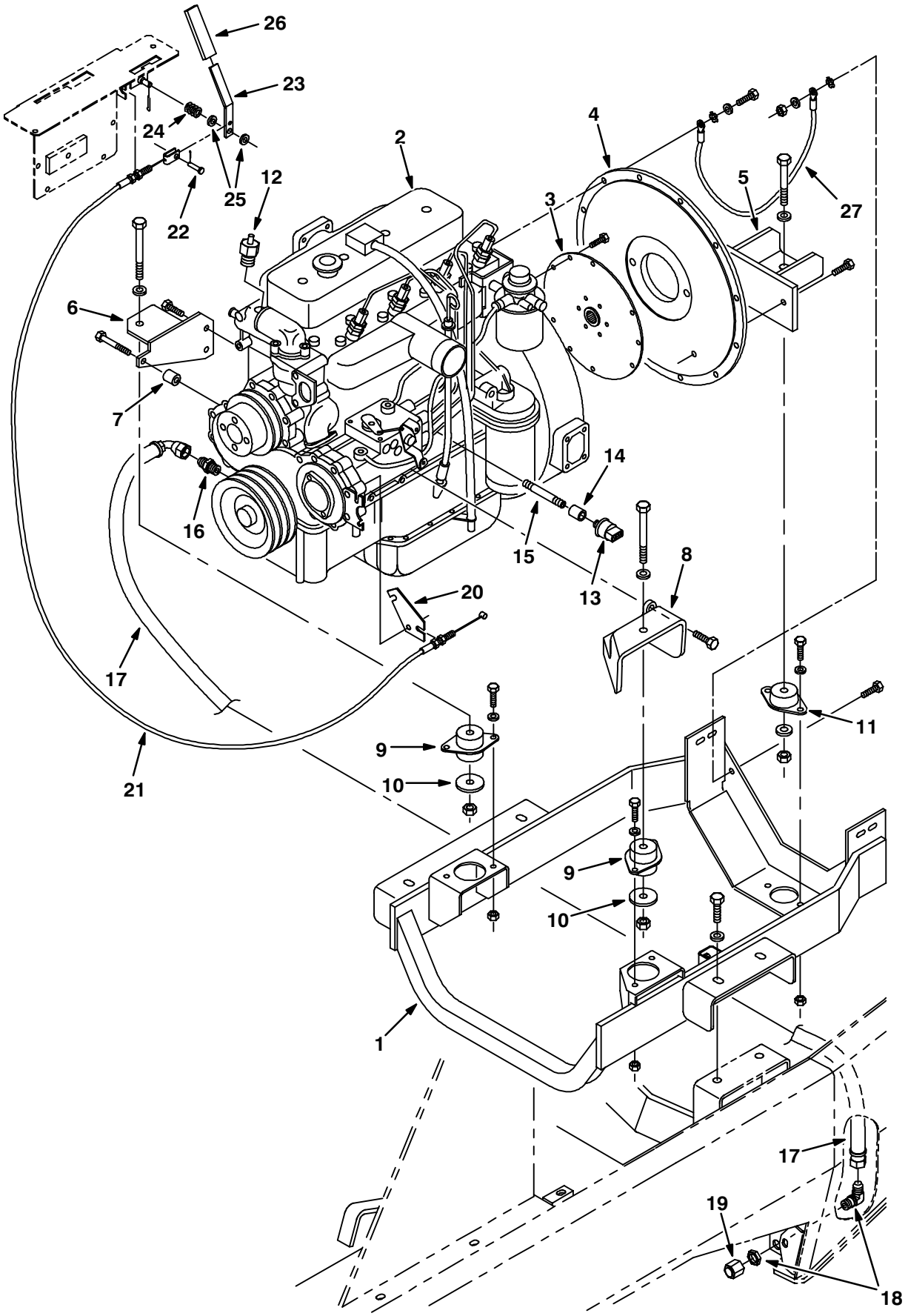


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Fig. 28 – Engine and Mount Group

Ref.	Tennant Part No.	Machine Serial Number	Description	Qty.
1	62969	(000000–001223)	Cradle Wldt, Engine, Diesel	1
2	64436	(000000–001223)	Engine,Basic–Perkins, 4.154 (See Engine Breakdown)	1
3	35980	(000000–001223)	Coupling Assy, Flywheel	1
4	63693	(000000–001223)	Plate, Mtg, Pump, Machining	1
5	63535	(000000–001223)	Channel Wldt, Mtg, Engine,Rear	1
6	64097	(000000–001223)	Plate Wldt, Mtg, Die	1
7	65099	(000000–001223)	Spacer	1
8	64098	(000000–001223)	Bracket, Mtg, Motor	1
9	75768	(000000–001223)	Isolator	2
10	57048	(000000–001223)	Washer, .532B 2.13D .11Hr.Znc	2
11	63695	(000000–001223)	Isolator, Mtg	1
12	33875	(000000–001223)	Send Unit, Temperature, Water	1
13	55838	(000000–001223)	Switch, Pressure, Oil	1
14	11848	(000000–001223)	Ftg,Pipe,Cplg.Full 0.13Pt.Blk	1
15	11847	(000000–001223)	Ftg,Pipe,Nip.Blk0.12Ptx 4.00Lg	1
16	12976	(000000–001223)	Ftg–Metric Str Omm14/Jm08	1
17	73798	(000000–001223)	Hose–Hyd Low08 Jf/J9	1
18	34365	(000000–001223)	Ftg–Hyd E90 Jm08/Jm08	1
19	60090	(000000–001223)	Ftg–Hyd Cap Jf08	1
20	70389	(000000–001223)	Bracket, Throttle Cable, Die	1
21	73799	(000000–001223)	Cable, Throttle	1
22	28296	(000000–001223)	Pin,Clevis,0.25 Dia.X 0.50 Lg	1
23	70752	(000000–001223)	Handle	1
24	69495	(000000–001223)	Sprng,Comp,0.75Od0.09Wire 0.8L	1
25	43611	(000000–001223)	Washer, .375B .75D .06Nylon	2
26	87246	(000000–001223)	Grip Vinyl .18 X .75 X 4.00	1
27	57773	(000000–001223)	Wire Assy., Elect. Ground	1

Fig. 29 – Engine and Mount Group

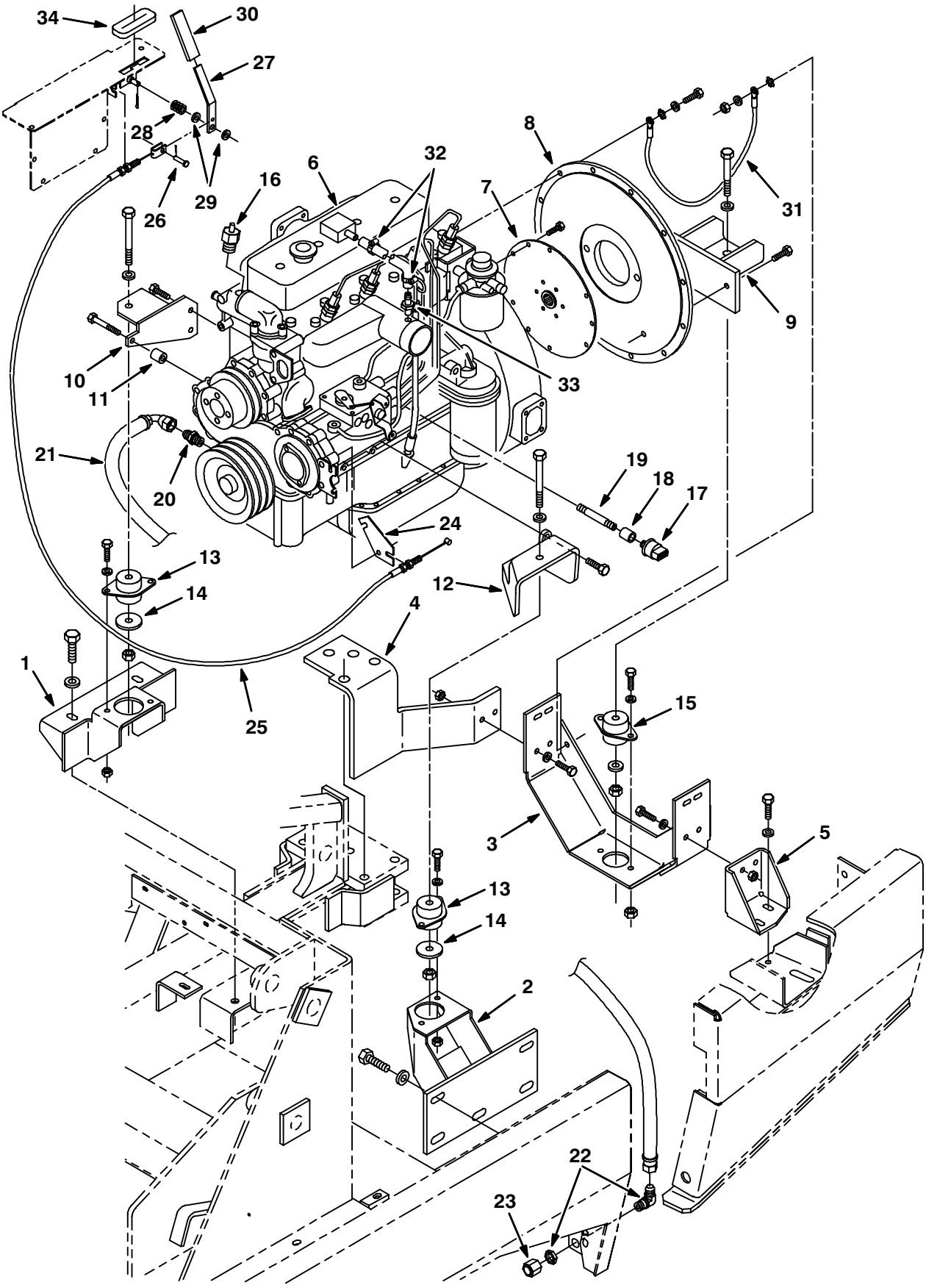

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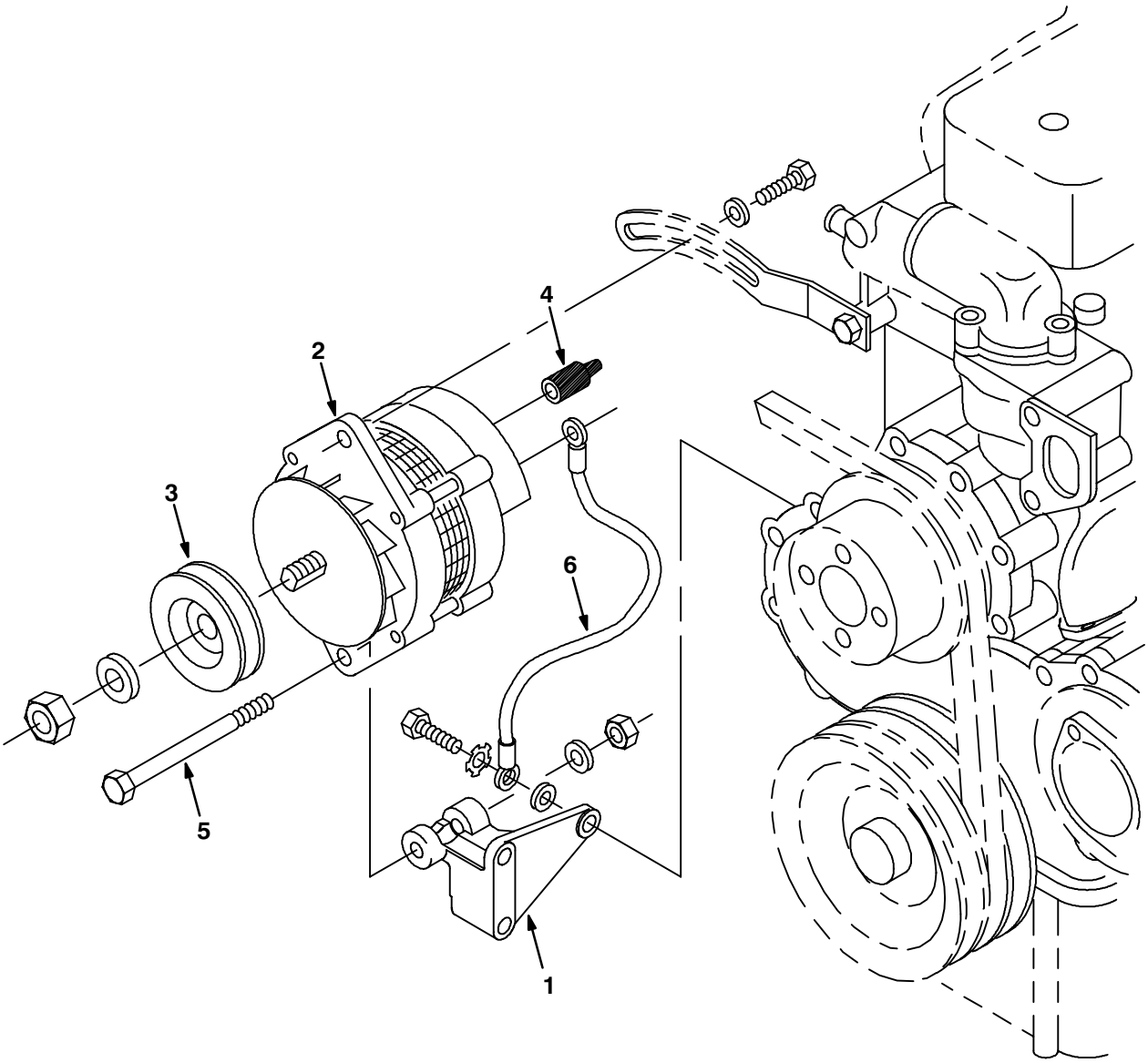
Fig. 29 – Engine and Mount Group

Ref.	Tennant Part No.	Machine Serial Number		Description	Qty.
1	77424	(001224–	)	Bracket Wldt, Mtg, Die, Rh	1
2	77436	(001224–	)	Bracket Wldt, Mtg, Die, Lh	1
3	77430	(001224–	)	Bracket, Mounting, Eng, Rear	1
4	77435	(001224–	)	Bracket, Mtg, Engine, Rear	1
5	77434	(001224–	)	Bracket, Mounting, Eng,Rear Lh	1
6	64436	(001224–	)	Engine, Basic–4.154	1
7	35980	(001224–	)	Coupling Flywheel	1
8	63693	(001224–	)	Plate, Mounting, Pump,	1
9	63535	(001224–	)	Channel Wldt, Mtg, Engine,Rear	1
10	64097	(001224–	)	Plate, Mounting Die	1
11	65099	(001224–	)	Spacer	1
12	64098	(001224–	)	Bracket, Mounting, Motor	1
13	75768	(001224–	)	Isolator	2
14	57048	(001224–	)	Washer, .532B 2.13D .11Hr.Znc	2
15	63695	(001224–	)	Isolator, Mounting	1
16	33875	(001224–	)	Sending Unit,Water Temperature	1
17	79399	(001224–	)	Switch, Pressure, Oil	1
18	11848	(001224–	)	Ftg,Pipe,Cplg.Full 0.13Pt.Blk	1
19	11847	(001224–	)	Ftg,Pipe,Nip.Blk0.12Ptx 4.00Lg	1
20	12976	(001224–	)	Ftg–Hyd Str Mom14/Jm08	1
21	73798	(001224–	)	Hose–Hyd Low08 See60108 Jf/J9	1
22	34365	(001224–	)	Ftg–Hyd E90 Jm08/Jm08	1
23	60090	(001224–	)	Ftg–Hyd Cap Jf08	1
24	70389	(001224–	)	Bracket, Throttle Cable, Die	1
25	73799	(001224–	)	Cable, Throttle	1
26	14605	(001224–	)	Pin,Clevis,0.25 Dia.X 0.75 Lg	1
27	70752	(001224–	)	Handle	1
28	69495	(001224–	)	Spring, Comp.75Od0.09Wire 0.8L	1
29	43611	(001224–	)	Washer, .375B .75D .06Nylon	2
30	87246	(001224–	)	Grip Vinyl .18 X .75 X 4.00	1
31	57773	(001224–	)	Wire Ass'Y–Elect.,Ground	1
32	54333	(001224–	)	Clamp–Wormdrive, 0.31– 0.88D	2
33	77481	(001224–	)	Fitting, Brs Spcl	1
34	77789	(001224–	)	Seal, Throttle Handle, Die	1

Fig. 30 – Alternator Group



08534/07598

Fig. 30 – Alternator Group

Ref.	Tennant Part No.	Machine Serial Number		Description	Qty.
1	64942	(000000–	)	Bracket, Alternator, Machined	1
2	60559	(000000–	)	Alternator, 50A,Sealed Brushes	1
3	64692	(000000–	)	Sheave, Alternator, Die	1
4	61363	(000000–	)	Boot, Alternator	2
5	39231	(000000–	)	Scr–Hex .38–16X5.00 G5 Pltd	1
6	82731	(001032–	)	Wire Ground, Alternator	1
	60714	(000000-	)	Belt, V	1

Fig. 31 – Air Cleaner Group

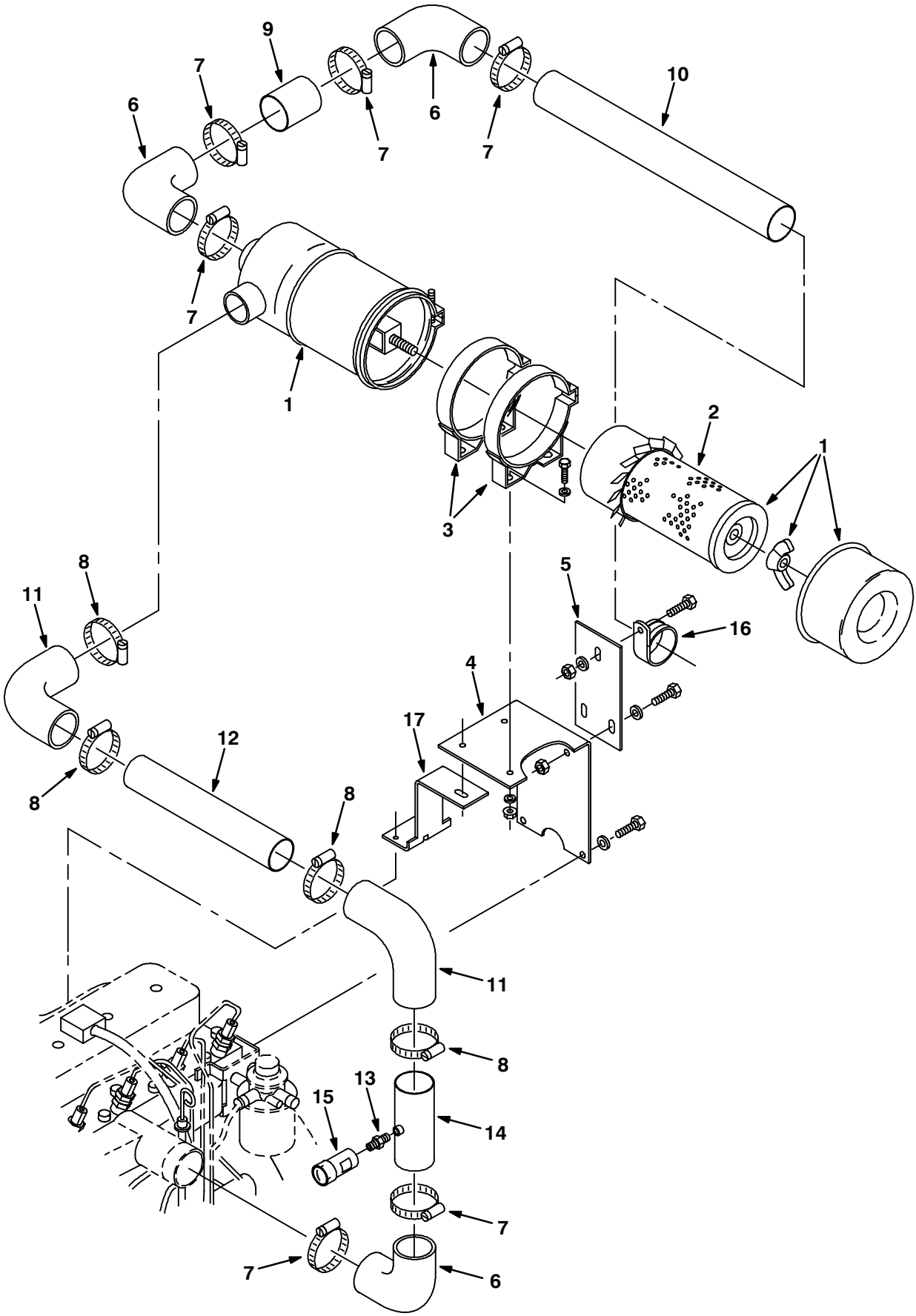


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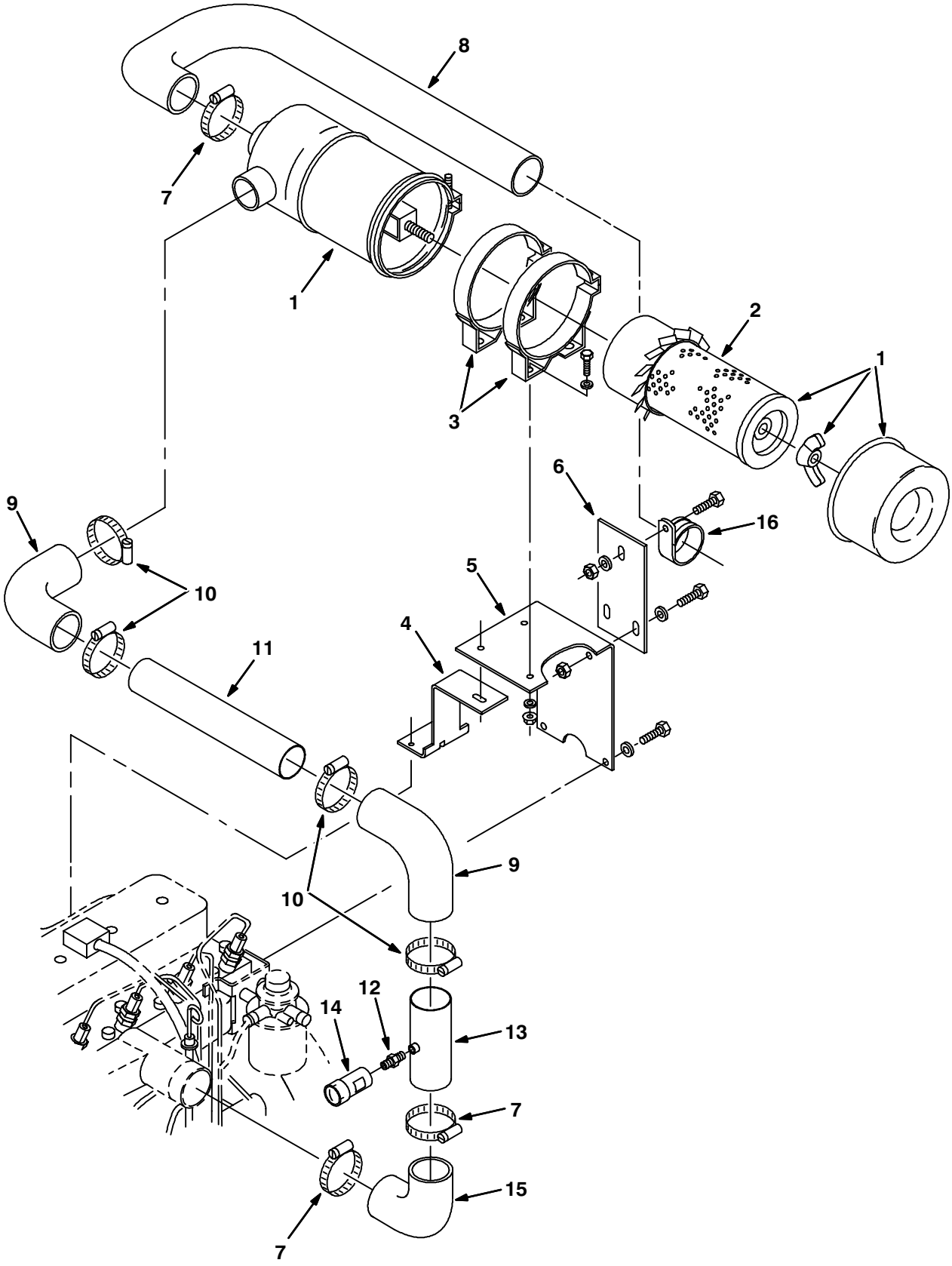
Fig. 31 – Air Cleaner Group

	Ref.	Tennant Part No.	Machine Serial Number	Description	Qty.
∇	1	76319	(000000–001140)	Air Cleaner	1
	2	76335	(000000–001140)	Element Assy	1
	3	76321	(000000–001140)	Band,Mtg.	2
	4	70833	(000000–001140)	Bracket, Mtg, Air Cleaner	1
	5	73784	(000000–001140)	Bracket	1
	6	16497	(000000–001140)	Elbow–Rubber,90Deg,2.5I.D.	3
	7	43555	(000000–001140)	Clamp–Wormdrive, 1.62– 3.50D	6
	8	14432	(000000–001140)	Clamp–Wormdrive, 1.81– 2.75D	4
	9	70838	(000000–001140)	Tube, Air Cleaner	1
	10	73794	(000000–001140)	Tube, 2.50D 2.380 21.0,Stl	1
	11	52580–2	(000000–001140)	Elbow,90,Rubber 2.25Dia	2
	12	70835	(000000–001140)	Tube, Air Cleaner, Die	1
	13	51560–5	(000000–001140)	Filter,Service Indicator	1
	14	70836	(000000–001140)	Tube Wldt, Air Cleaner	1
	15	03026	(000000–001140)	Adapter, Filter 1/8 Npt	1
	16	73735	(000000–001140)	Clamp, Cable	1
	17	74020	(000000–001140)	Bracket, Air Cleaner, Die	1

Fig. 32 – Air Cleaner Group

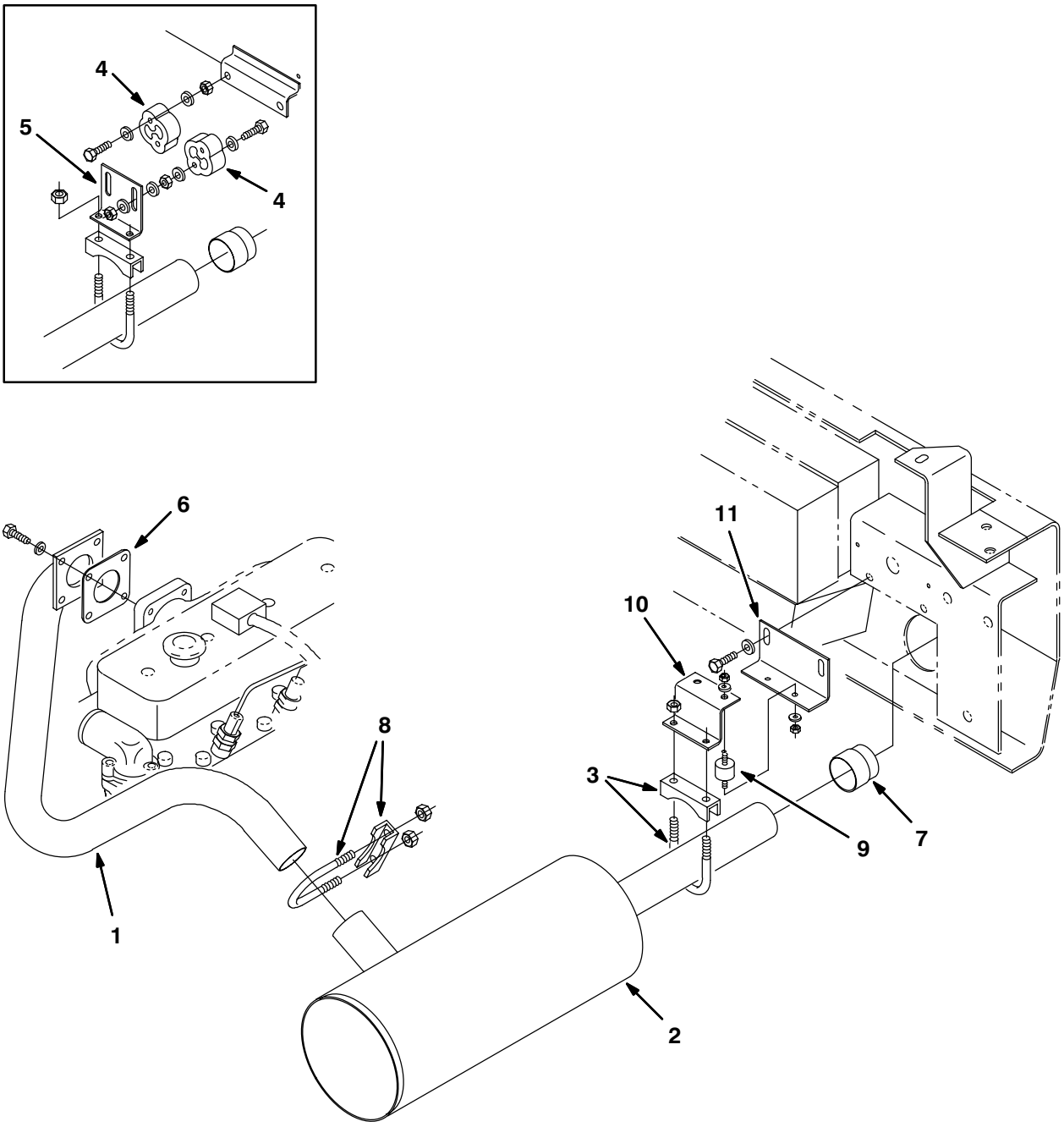


09829/07620

Fig. 32 – Air Cleaner Group

	Ref.	Tennant Part No.	Machine Serial Number		Description	Qty.
∇	1	76319	(001141–	)	Air Cleaner	1
	2	76335	(001141–	)	Element Assy	1
	3	76321	(001141–	)	Band,Mtg.	2
	4	74020	(001141–	)	Bracket, Air Cleaner, Die	1
	5	70833	(001141–	)	Bracket, Mtg, Air Cleaner	1
	6	73784	(001141–	)	Bracket	1
	7	43555	(001141–	)	Clamp–Wormdrive, 1.62– 3.50D	3
	8	76620	(001141–	)	Hose, Molded, Air Intake	1
	9	52580–2	(001141–	)	Elbow,90,Rubber 2.25Dia	2
	10	14432	(001141–	)	Clamp–Wormdrive, 1.81– 2.75D	4
	11	70835	(001141–	)	Tube, Air Cleaner, Die	1
	12	51560–5	(001141–	)	Adaptor, Filter, 1/8 Npt	1
	13	70836	(001141–	)	Tube Wldt, Air Cleaner	1
	14	03026	(001141–	)	Indicator Service Air Filter	1
	15	16497	(001141–	)	Elbow–Rubber,90Deg,2.5I.D.	1
	16	78997	(001141–	)	Clamp, Cable	1

Fig. 33 – Muffler Group

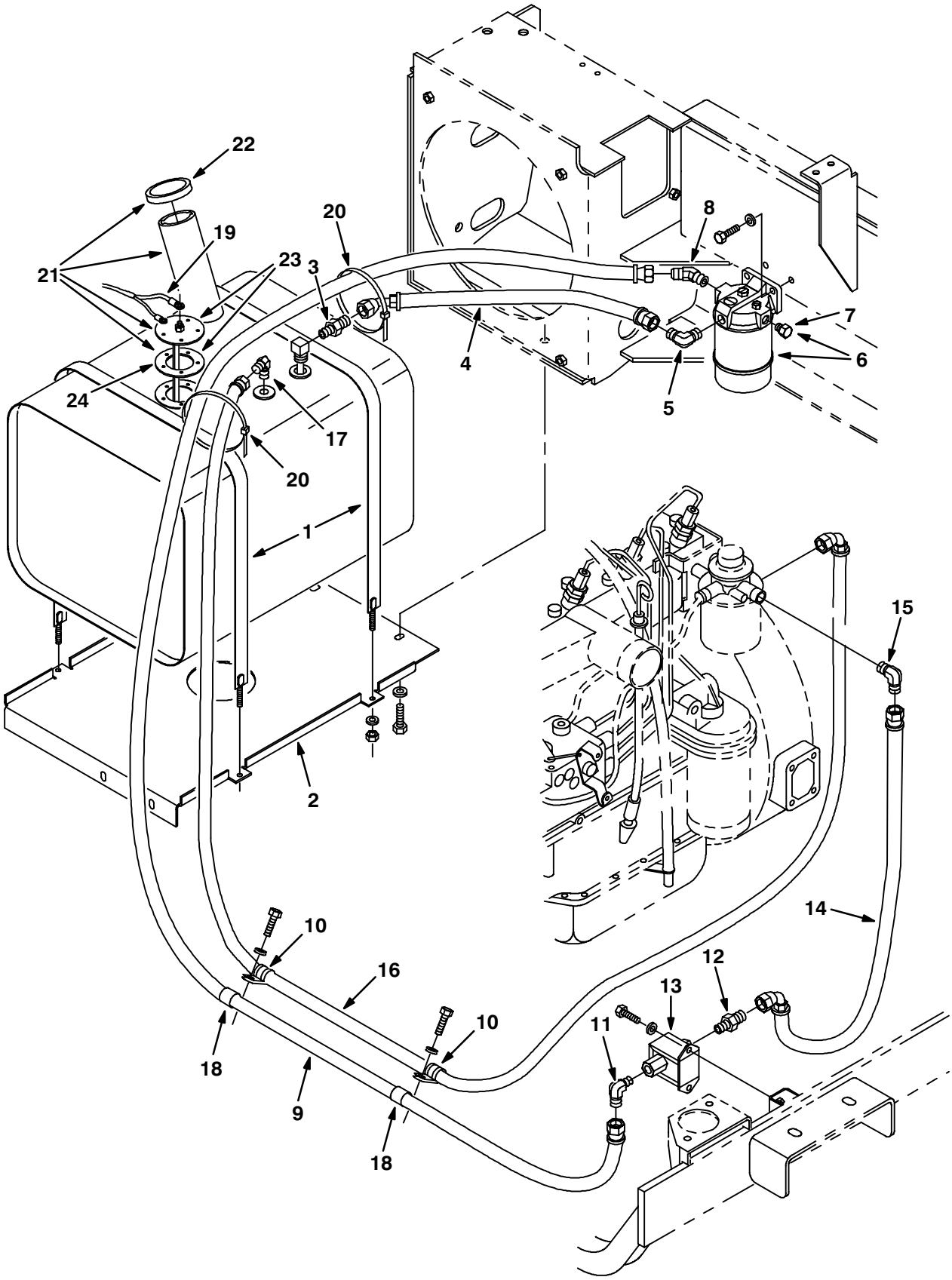


08536/07600

Fig. 33 – Muffler Group

Ref.	Tennant Part No.	Machine Serial Number		Description	Qty.
1	70497	(000000–	)	Pipe, Exhaust, Diesel	1
2	76383	(000000–	)	Muffler, Exhaust	1
3	05881	(000000–	)	Clamp–Muffler,For 2.00 Od Tube	1
4	65158	(000000–001308	)	Isolator, Exhaust	2
5	76382	(000000–001308	)	Bracket, Tailpipe	1
6	73867	(000000–	)	Gasket, Exhaust	1
7	75603	(000000–	)	Tube, Extension	1
8	05880	(000000–	)	Clamp–Muffler,For 1.87 Od Tube	1
9	82661	(001309–	)	Isolator–Vibration .25–20	2
10	21136	(001309–	)	Bracket, Tail Pipe	1
11	21138	(001309–	)	Bracket, Tail Pipe	1

Fig. 34 – Fuel Tank Group

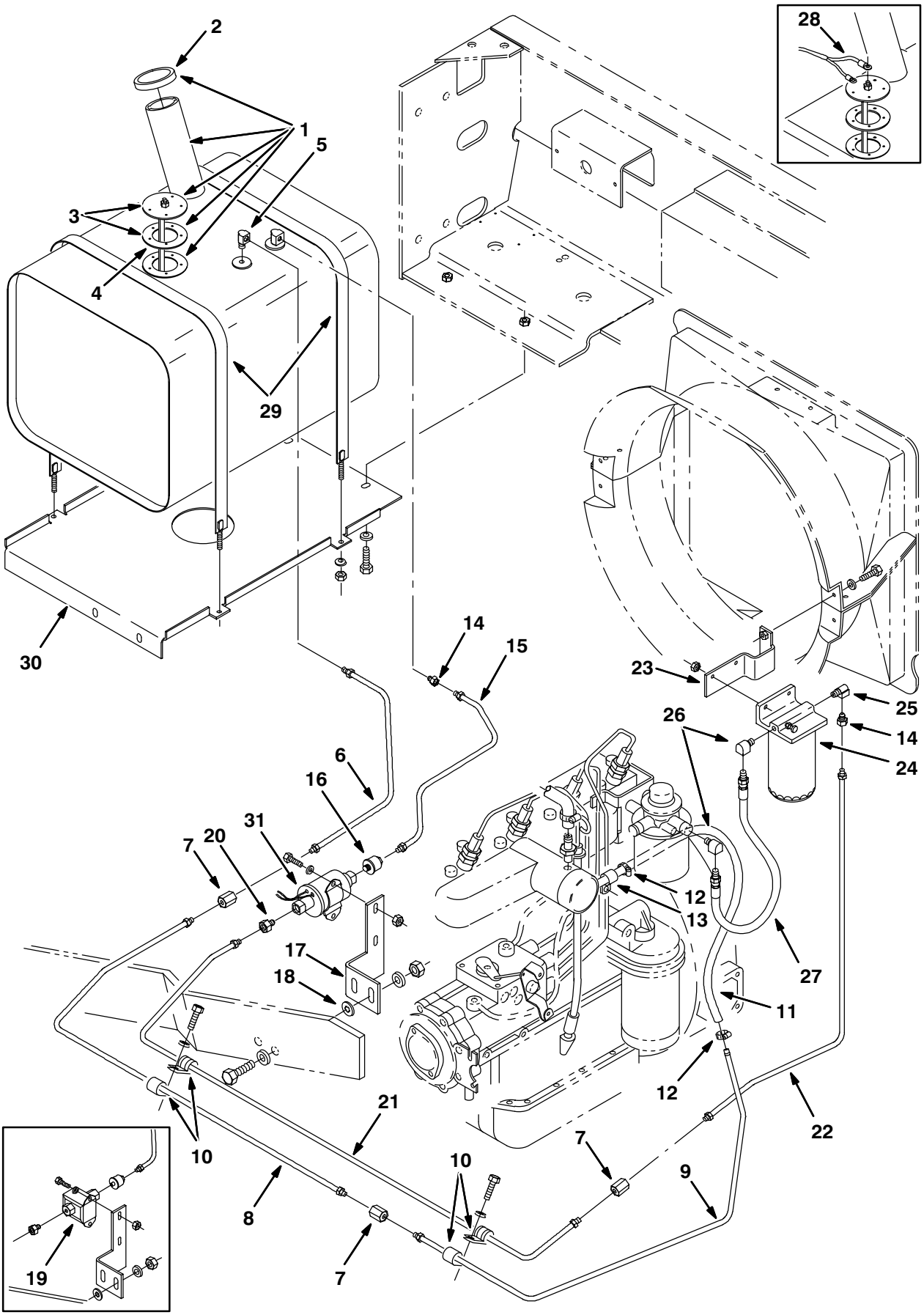


08552/07622

Fig. 34 – Fuel Tank Group

	Ref.	Tennant Part No.	Machine Serial Number		Description	Qty.
	1	87396	(000000–001117	)	Strap, Tank, Gas	2
	2	70477	(000000–001117	)	Plate, Mtg, Tank, Gas	1
	3	15724	(000000–001117	)	Ftg–Hyd Str Pm04/Jm06	1
	4	57288	(000000–001117	)	Hose–Hyd Low06 Jf/J4	1
	5	52424	(000000–001117	)	Ftg–Hyd E90 Pm04/Jm06	1
∇	6	82682	(000000–001117	)	Filter, Fuel/Water Separator	1
		82692	(000000–001117	)	Filter Element,Diesel Fuel	1
	7	02247	(000000–001117	)	Ftg–Plug Npt 04Pm Hx Soc	1
	8	56811	(000000–001117	)	Ftg–Hyd E45 Pm04/Jm06	1
	9	50955	(000000–001117	)	Hose–Hyd Low06 Jf/Jf	1
	10	26395–1	(000000–001117	)	Clamp–Cable, 0.56Dia 0.38Wth	2
	11	45476	(000000–001117	)	Ftg–Hyd E90 Pm02/Jm06	1
	12	56708	(000000–001117	)	Ftg–Hyd Str Pm02/Jm06	1
	13	59945	(000000–001117	)	Pump, Fuel, Ele	1
	14	19653	(000000–001117	)	Hose–Hyd Low06 Jf/J9	1
	15	49934	(000000–001117	)	Ftg–Hyd E90 Pm06/Jm06	1
	16	65225	(000000–001117	)	Hose–Hyd Low04 Jf/J9	1
	17	55455	(000000–001117	)	Ftg–Hyd E90 Pm02/Jm04	1
	18	67767	(000000–001117	)	Clamp–Cable, .69Dia. .62Wth	2
	19	70401	(000000–001117	)	Harness, Tank, Fuel	1
	20	49263	(000000–001117	)	Tie, Cable 3.00D Max 11.41Lg	2
∇	21	63205	(000000–001102	)	Tank, Fuel	1
	22	48267	(000000–001102	)	Cap, Gas	1
∇	23	07873	(000000–001102	)	Send Unit	1
	24	14131	(000000–001102	)	Gasket, 2.7D 1.5B.12T 5/ 2.1Bc	1

Fig. 35 – Fuel Tank Group



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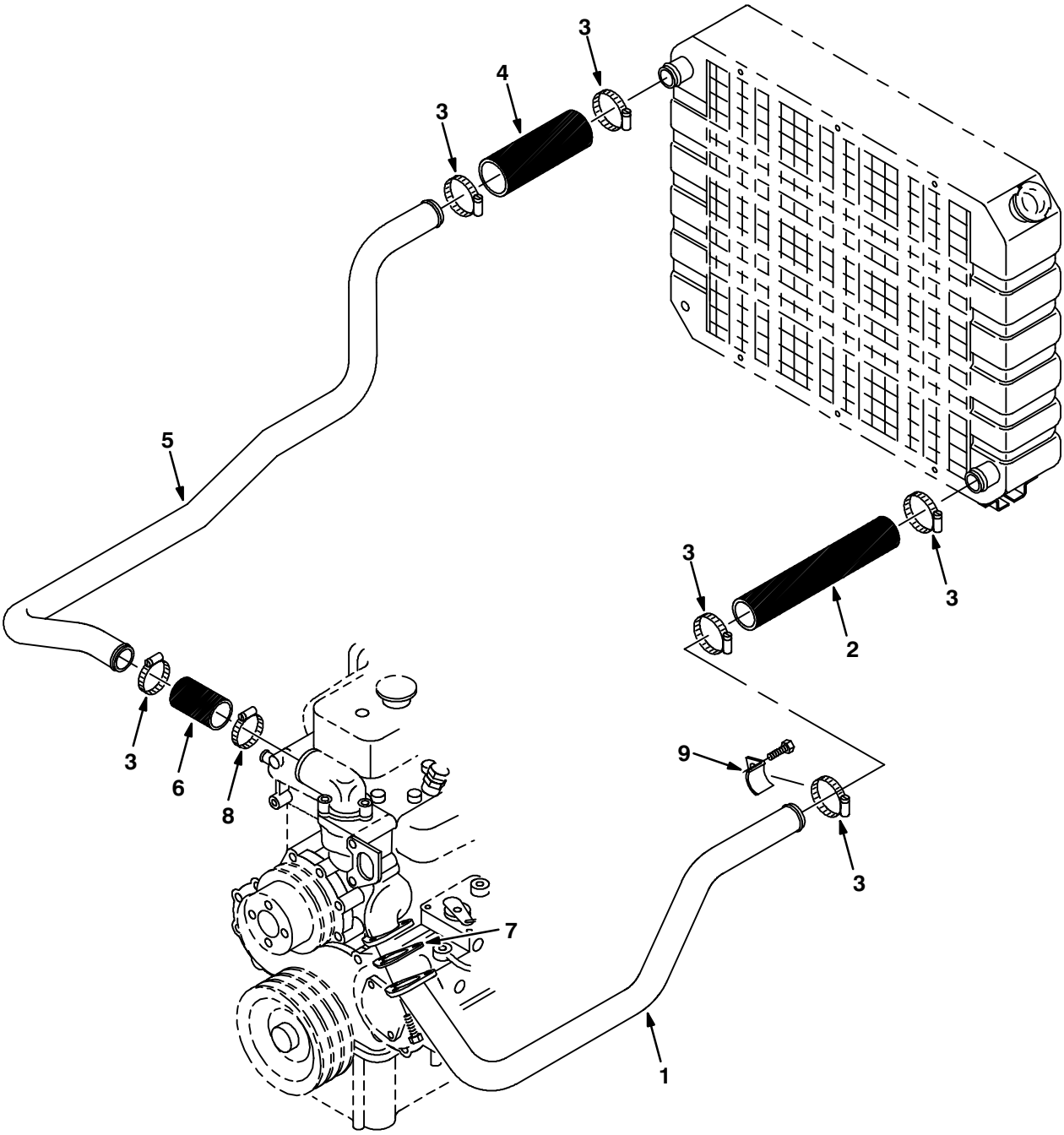
09821/09822

Fig. 35 – Fuel Tank Group

	Ref.	Tennant Part No.	Machine Serial Number		Description	Qty.
∇	1	76907	(001103–	)	Tank, Fuel	1
	2	48267	(001103–	)	Cap, Fuel	1
∇	3	07873	(001103–	)	Send Unit	1
	4	14131	(001103–	)	Gasket, 2.7D 1.5B.12T 5/ 2.1Bc	1
	5	15555–1	(001118–	)	Ftg–Brs E90 If05/Pm02	1
	6	77559	(001118–	)	Fuelline, .312 Od	1
	7	25610	(001118–	)	Ftg–Brs If05/If05	3
	8	77556	(001118–	)	Fuelline, .312Od	1
	9	77560	(001118–	)	Fuelline, .312 Od	1
	10	76736	(001118–	)	Clamp–Cable, 0.38Dia 0.62Wth	4
	11	82509	(001118–	)	Hose, Fuel Line .31 Idx11.0	1
	12	43844	(001118–	)	Clamp–Wormdrive, 0.25– 0.62D	2
	13	67767	(001118–	)	Clamp–Cable,.69Dia. 62Wth	1
	14	78043	(001118–	)	Fitting–Brs Str	2
	15	77558	(001118–	)	Fuelline, .312 Od	1
	16	36050	(001118–	)	Filter, Fuel	1
	17	75854	(001118–	)	Bracket, Pump, Fuel	1
	18	32491	(001118–	)	Washer Flt .31 Hard	2
	19	59945	(001118–001699	)	Pump, Fuel, Ele	1
	20	40585	(001118–	)	Ftg–Brs Str If05/Pm02	1
	21	77557	(001118–001699	)	Fuelline, .312 Od	1
	21	83644	(001700–	)	Fuelline, .312 Od	1
	22	77552	(001118–	)	Fuelline, .312 Od	1
	23	75855	(001118–	)	Bracket, Water Separator	1
∇	24	55850	(001118–	)	Filter, Fuel diesel	1
		55844	(001118–	)	Filter, Fuel, Element	1
	25	27048	(001118–	)	Fitting, El 90Npt/Npt 04Pf	1
	26	15555–2	(001118–	)	Fitting, Brass E90	2
	27	77462	(001118–	)	Hose, Hyd, Special	1
	28	70401	(001118–001699	)	Harness, Tank, Fuel	1
	29	87396	(001118–	)	Strap Weldmt, Gas Tank	2
	30	70477	(001118–	)	Plate, Mounting, Tank, Gas	1
	31	59015	(001700–	)	Pump, Fuel	1

Fig. 36 – Radiator Hose Group

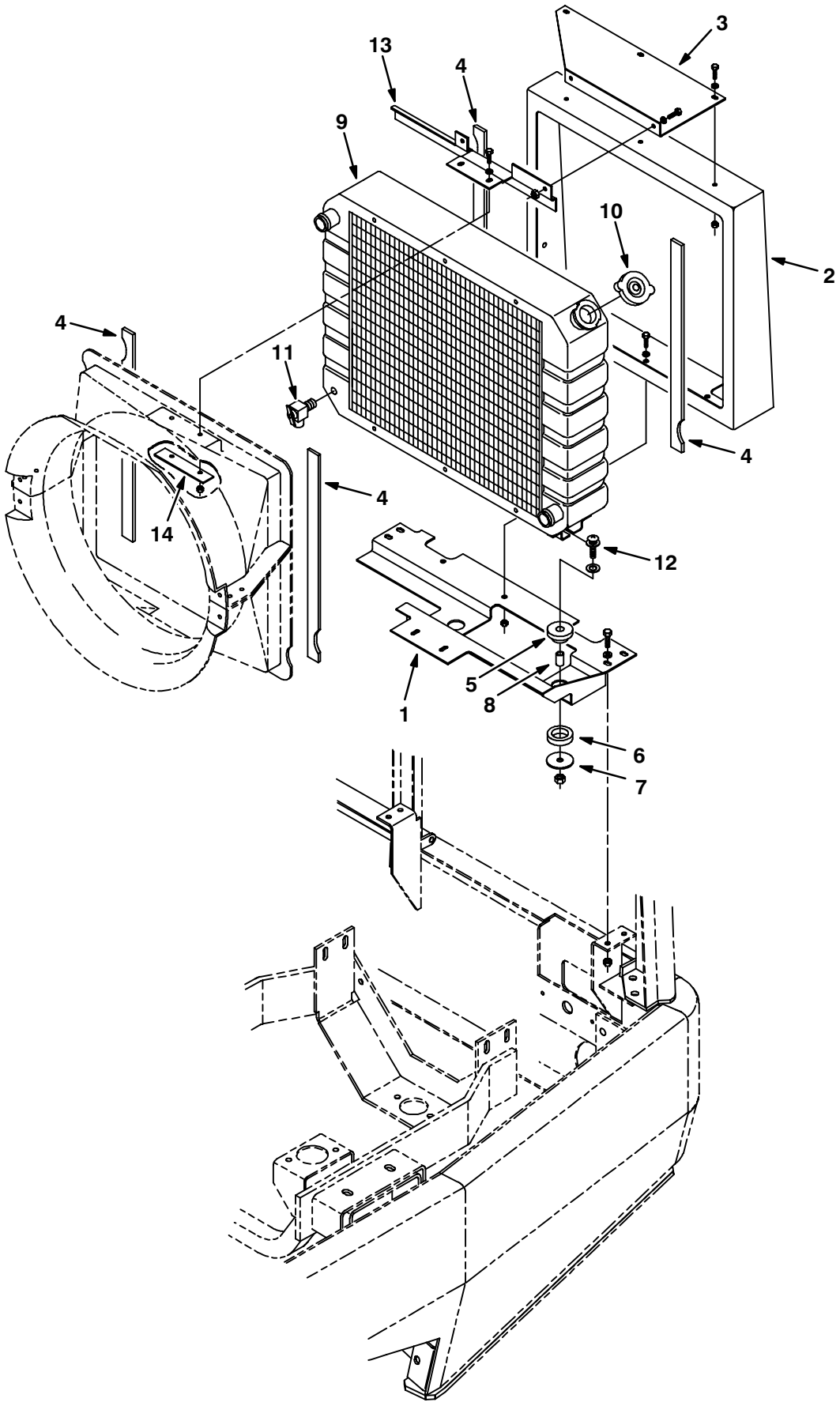


08535/07599

Fig. 36 – Radiator Hose Group

Ref.	Tennant Part No.	Machine Serial Number	Description	Qty.
1	70507	(000000–)	Tube, Radiator, Die	1
2	70635	(000000–)	Hose, Radiator, Lower	1
3	11531	(000000–)	Clamp–Wormdrive, 1.06– 2.00D	6
4	73897	(000000–)	Hose, Rad, Upper	1
5	70753	(000000–)	Tube, Radiator, Upper, Die	1
6	62377	(000000–)	Hose Radiator,1.50 Idx 3.0 Lg	1
7	73868	(000000–)	Gasket–Water Pk	1
8	22297	(000000–)	Clamp–Wormdrive, 1.56– 2.50D	1
9	74043	(000000–)	Bracket, Tube	1

Fig. 37 – Radiator Group

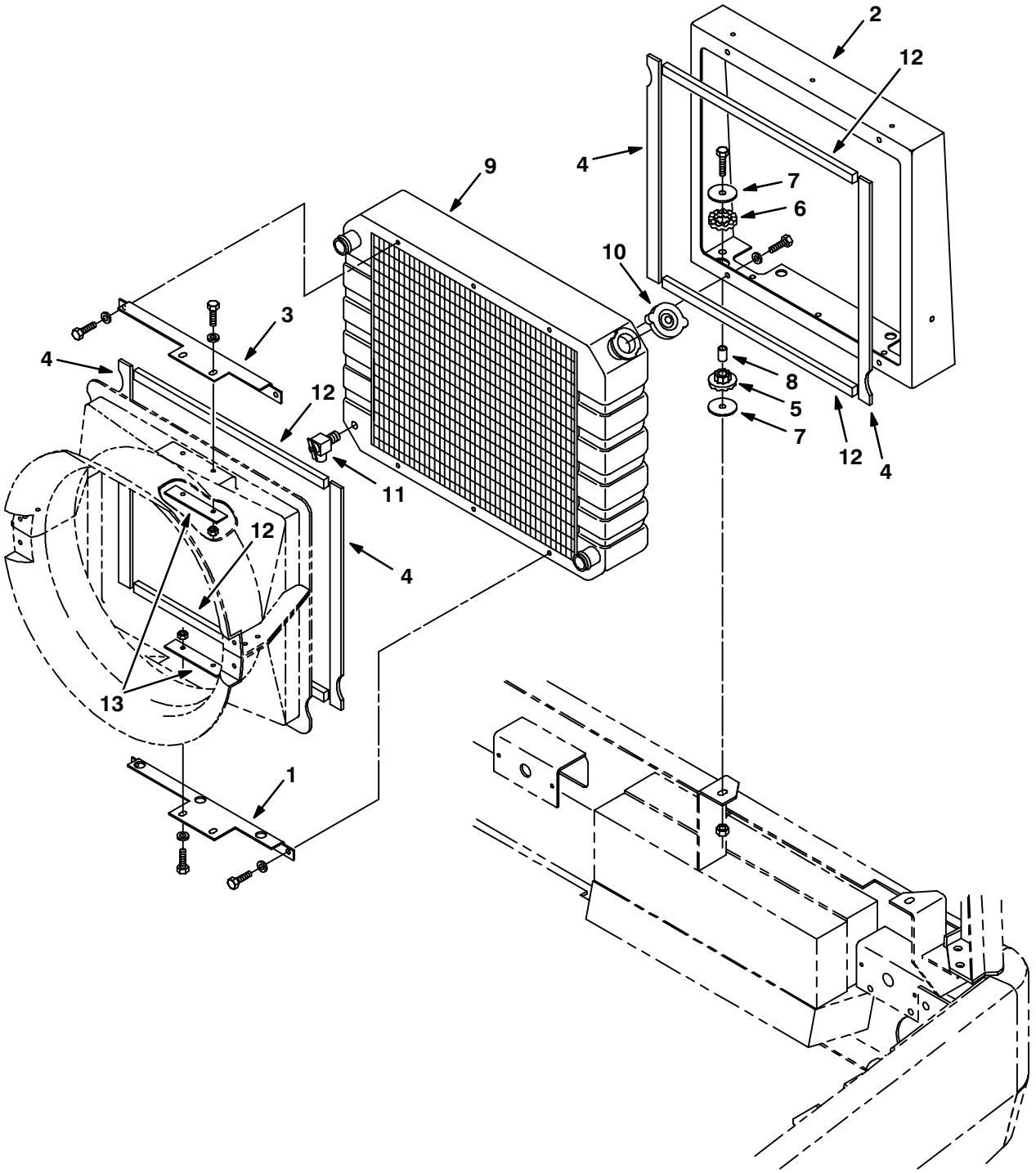


08541/07606

Fig. 37 – Radiator Group

	Ref.	Tennant Part No.	Machine Serial Number	Description	Qty.
	1	70744	(000000–001223)	Channel Wldt	1
	2	64406	(000000–001223)	Duct, Rear	1
	3	70710	(000000–001223)	Angle, Top	1
	4	63818	(000000–001223)	Seal, Duct	4
	5	64621	(000000–001223)	Bushing, Isolator	2
	6	64618	(000000–001223)	Ring, Isolator, Outer, Rbr	2
	7	58228	(000000–001223)	Plate, Spring – Side Brush	2
	8	64299	(000000–001223)	Spacer	2
∇	9	63191	(000000–001223)	Radiator	1
	10	31755	(000000–001223)	Cap, Radiator 7 Psi	1
	11	51305	(000000–001223)	Drain Cock,.25Npt Wh#120 Angl	1
	12	19577	(000000–001223)	Bolt Carr.38–16X2.00	2
	13	70711	(000000–001223)	Angle, Stiffener	1
	14	70712	(000000–001223)	Plate, Backing	

Fig. 38 – Radiator Group

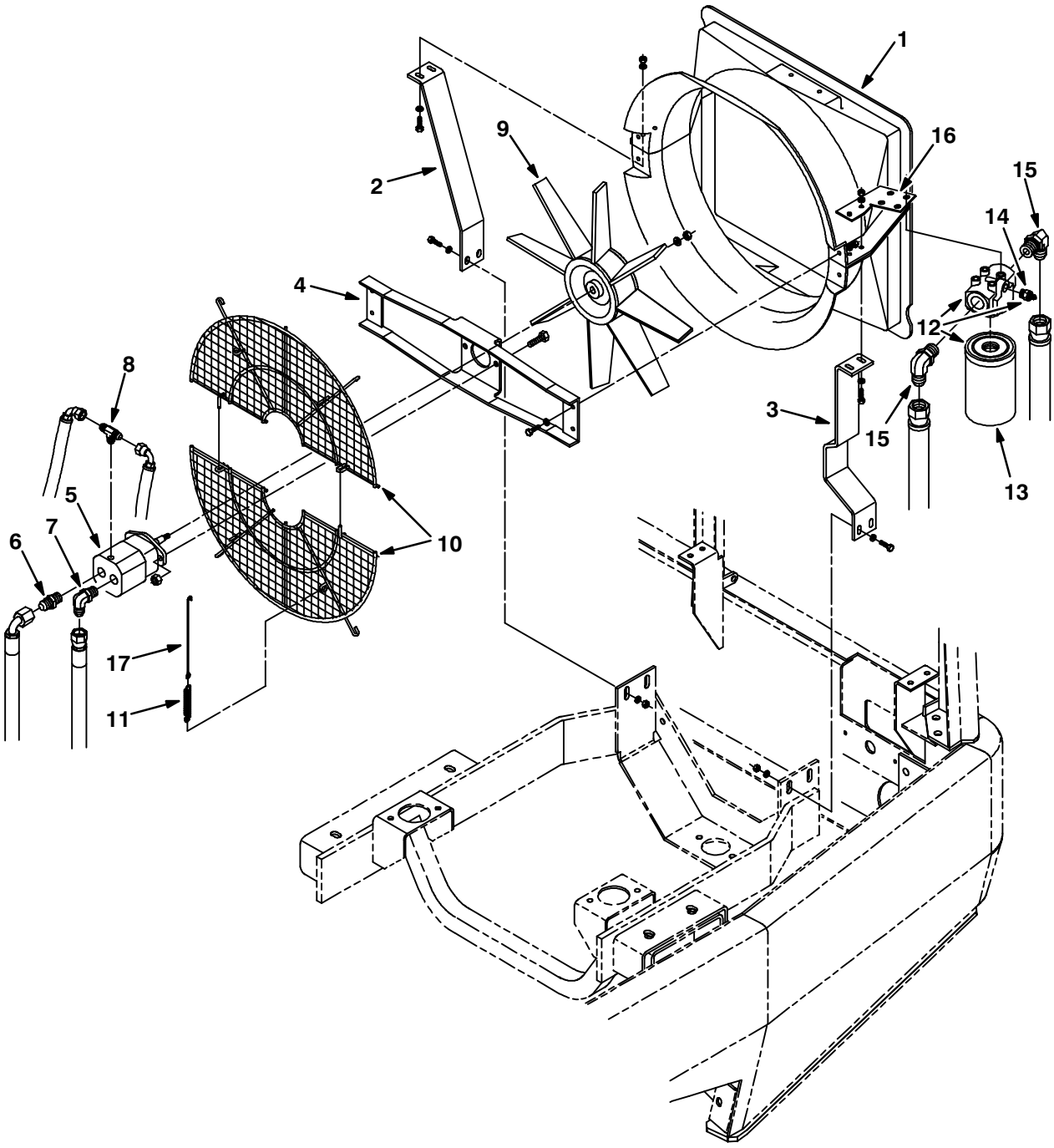


09826/07606

Fig. 38 – Radiator Group

Ref.	Tennant Part No.	Machine Serial Number		Description	Qty.
1	77529	(001224–	)	Bracket, Mtg, Shroud, Lower	1
2	77447	(001224–	)	Duct, Rear	1
3	77528	(001224–	)	Bracket, Mtg, Shroud, Upper	1
4	63818	(001224–	)	Seal, Duct	4
5	64621	(001224–	)	Bushing, Isolator	2
6	64618	(001224–	)	Ring, Isolator, Outer Rbr	2
7	58228	(001224–	)	Plate, Spring – Side Brush	4
8	77452	(001224–	)	Spacer	2
9	73140	(001224–	)	Radiator, 4 Row, 6 Fin	1
10	31755	(001224–	)	Cap Radiator	1
11	51305	(001224–	)	Drain Cock,.25Npt Wh#120 Angl	1
12	59734	(001224–	)	Seal, Fan, Vac Outlet	4
13	70712	(001224–	)	Plate, Backing	2

Fig. 39 – Cooling Fan and Housing Group

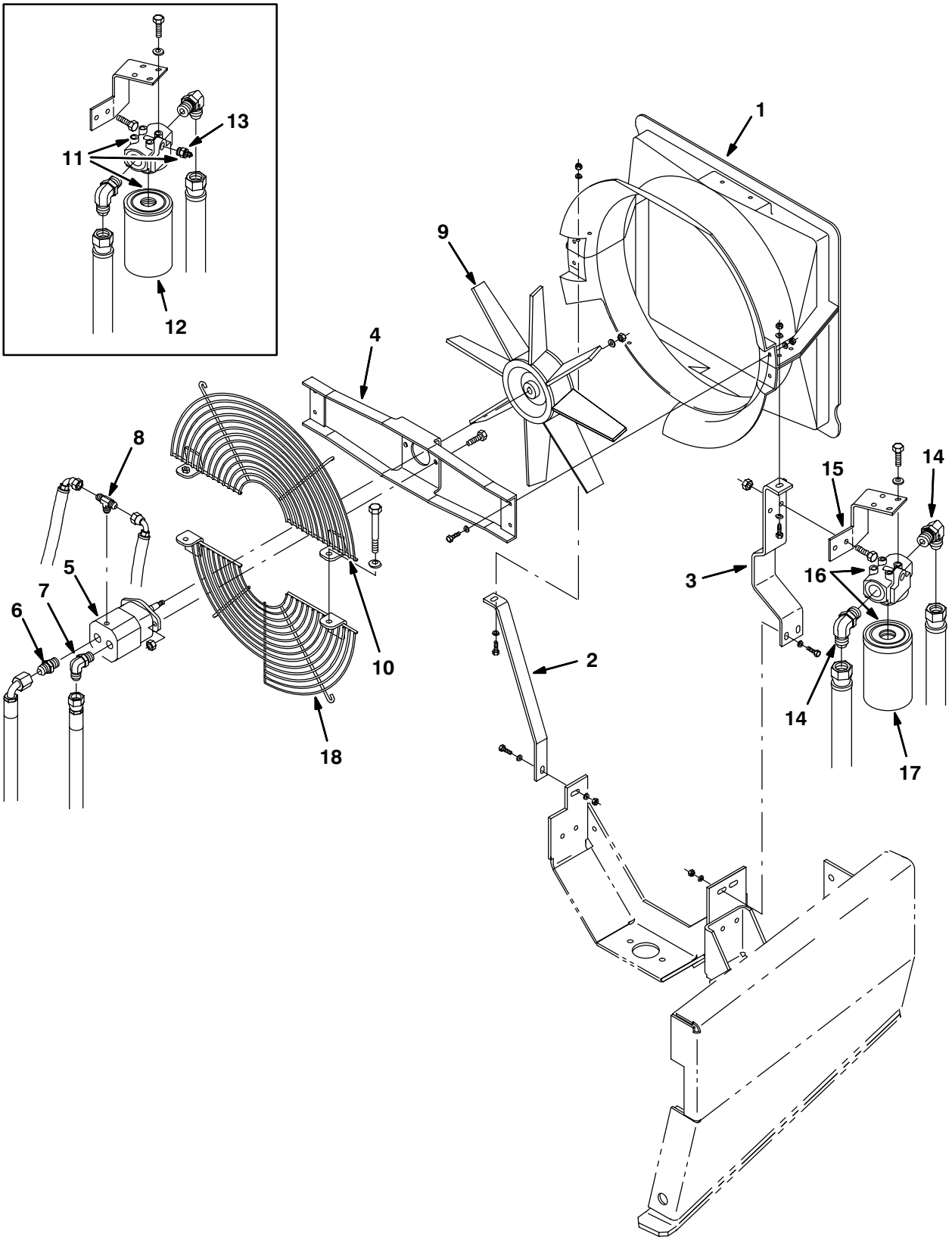


08543/07608

Fig. 39 – Cooling Fan and Housing Group

	Ref.	Tennant Part No.	Machine Serial Number	Description	Qty.
	1	63279	(000000–001229)	Panel Wldt, Transition, Fan	1
	2	63599	(000000–001223)	Angle, Mtg, Shroud, Rh	1
	3	70858	(000000–001223)	Angle, Mtg, Shroud, Lh	1
	4	70703	(000000–001229)	Channel Wldt, Fan Motor	1
	5	63542	(000000–001229)	Motor–Hyd Gear In (See Breakdowns)	1
	6	52402	(000000–001229)	Ftg–Hyd Str Jm06/Om08	1
	7	47512	(000000–001229)	Ftg–Hyd E90 Jm06/Om08	1
	8	31599	(000000–001229)	Ftg–Hyd Tee Jm04Omjm	1
	9	63280	(000000–001229)	Fan, Radiator	1
	10	70461	(000000–001229)	Screen, Guard	2
	11	57792	(000000–001229)	Spring, Tension	2
∇	12	65220	(000000–001229)	Filter Assy, Spin–On 10Micron	1
	13	65221	(000000–001229)	Filter Element Dn	1
	14	65222	(000000–001229)	Filter Sender Dn	1
	15	46481	(000000–001229)	Ftg–Hyd E90 Jm12/Om12	2
	16	70859	(000000–001223)	Bracket, Mtg, Filter	1
	17	74042	(000000–001229)	Hook	2

Fig. 40 – Cooling Fan and Housing Group

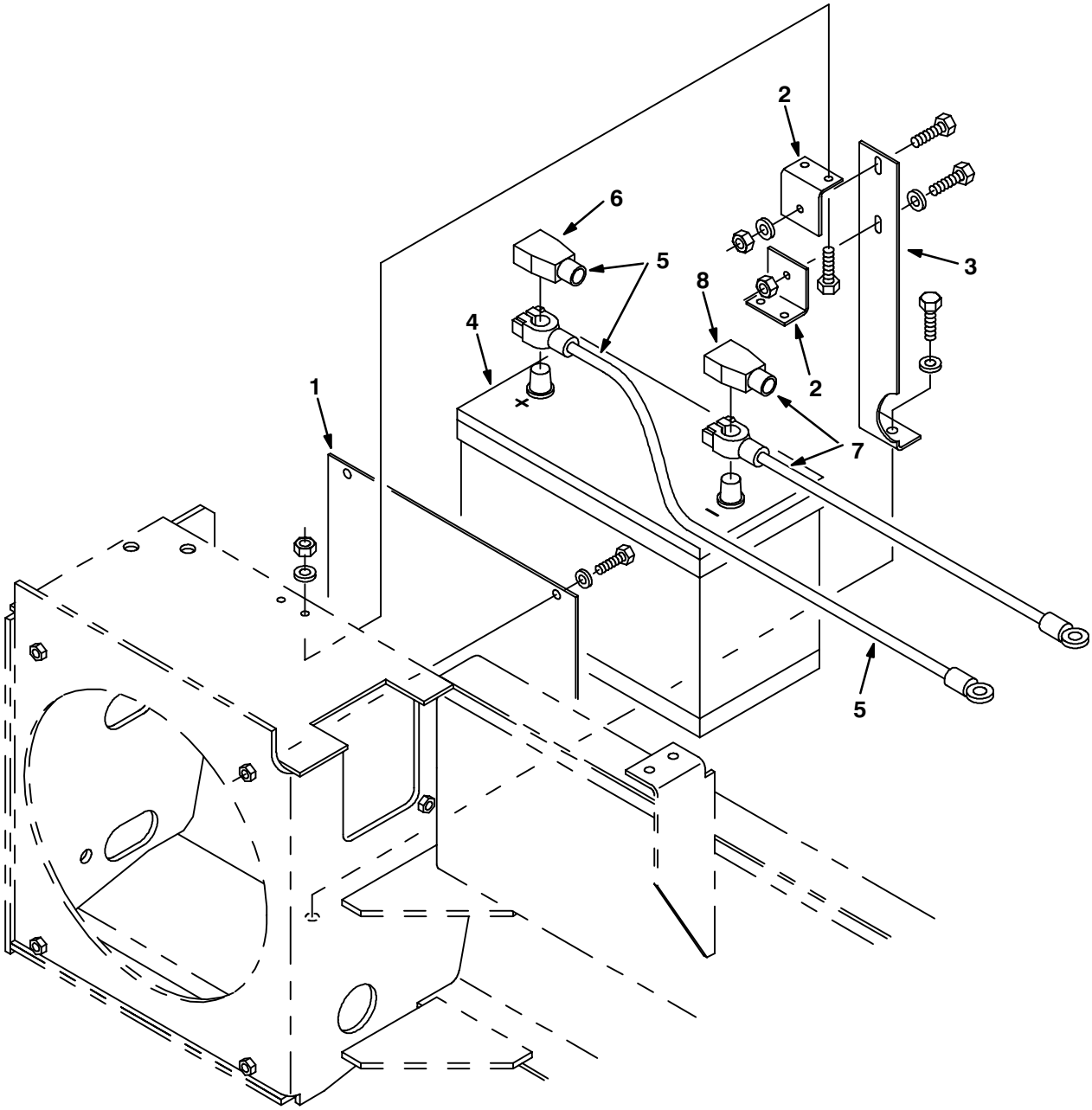


09827/07608

Fig. 40 – Cooling Fan and Housing Group

	Ref.	Tennant Part No.	Machine Serial Number		Description	Qty.
	1	63279	(001230–	)	Panel, Transition, Fan	1
	2	21689	(001224–	)	Bracket, Mtg, Shroud, Rh	1
	3	77527	(001224–	)	Bracket, Mtg, Shroud, Lh	1
	4	70703	(001230–	)	Channel Wldt, Fan Motor	1
	5	63542	(001230–	)	Motor–Hyd, Gear In 10.0 (See Breakdowns)	1
	6	52402	(001230–	)	Ftg–Hyd Str Jm06/Om08	1
	7	47512	(001230–	)	Ftg–Hyd E90 Jm06/Om08	1
	8	31599	(001230–	)	Ftg–Hyd Tee Jm04Omjm	1
	9	63280	(001230–	)	Fan, Radiator	1
	10	77788	(001230–	)	Screen, Guard	1
∇	11	10665	(001230–001405	)	Filter Assy,Replmt Kit F/65220	1
	12	65221	(001230–001405	)	Element, Filter	1
	13	65222	(001230–001405	)	Sender, Filter, Hydraulic	1
	14	46481	(001230–	)	Ftg–Hyd E90 Jm12/Om12	2
	15	77530	(001224–	)	Bracket, Mounting Filter	1
∇	16	10664	(001406–	)	Filter Assy, Spin–On	1
	17	65221	(001406–	)	Element, Filter	1
	18	21695	(001230–	)	Screen, Guard, Lower	1

Fig. 41 – Battery Group



08537/07601

Fig. 41 – Battery Group

	Ref.	Tennant Part No.	Machine Serial Number		Description	Qty.
	1	70540	(000000–001211	)	Plate	1
	2	70539	(000000–001211	)	Bracket	2
	3	70541	(000000–001211	)	Bracket	1
	4	10136	(000000–001211	)	Battery, 12V, Cc Amps:730 Wet	1
∇	5	60292	(000000–001211	)	Wire Assy, 66.0 Lg, 2 Ga, Pos	1
	6	68873	(000000–001211	)	Boot,Batt.Term. 1–2Ga. Red	1
∇	7	60293	(000000–001211	)	Wire Assy, 42.0 Lg, 2 Ga, Neg	1
	8	68872	(000000–001211	)	Boot,Batt.Term.1–2Ga. Black	1

Fig. 42 – Battery Group

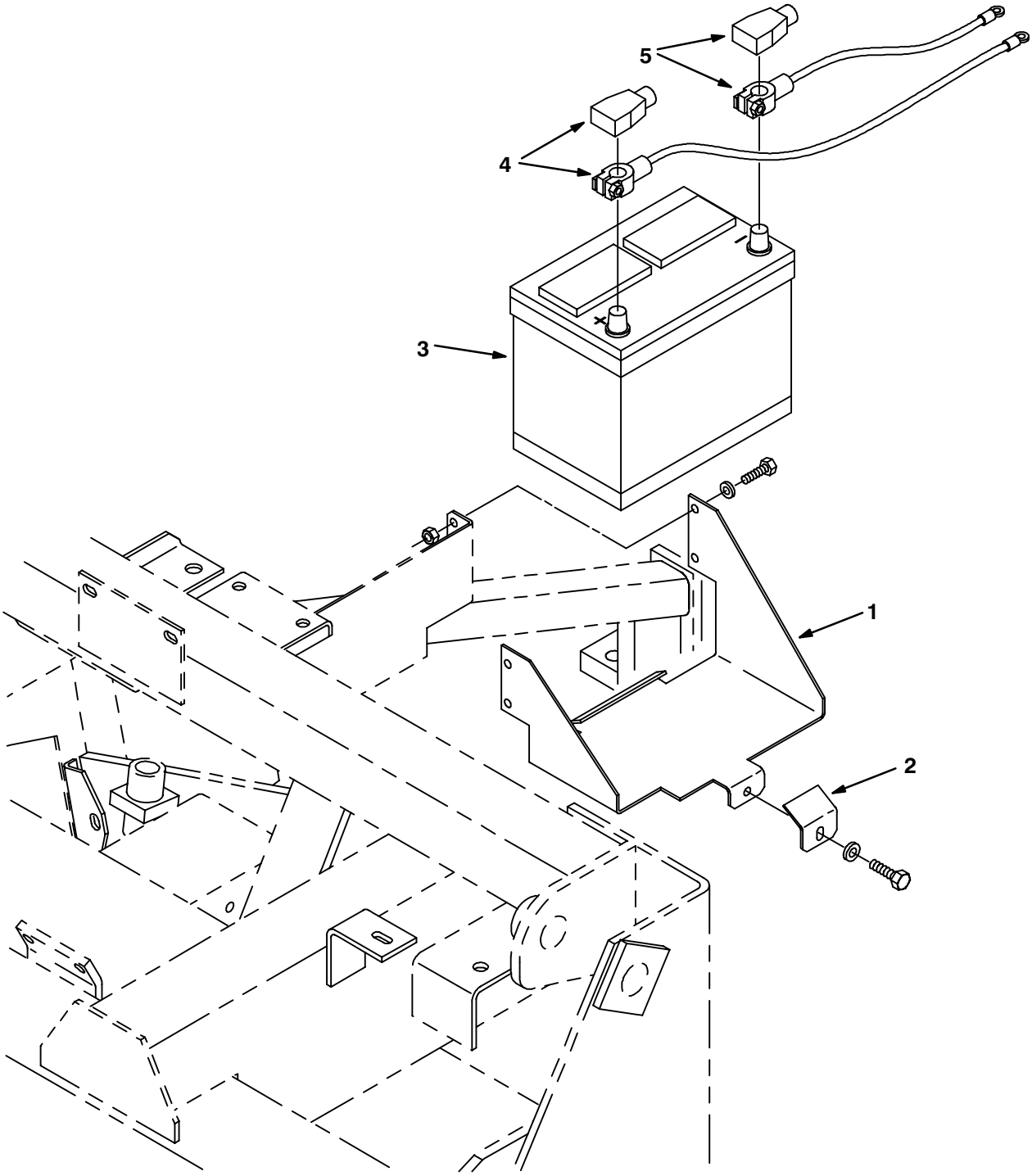


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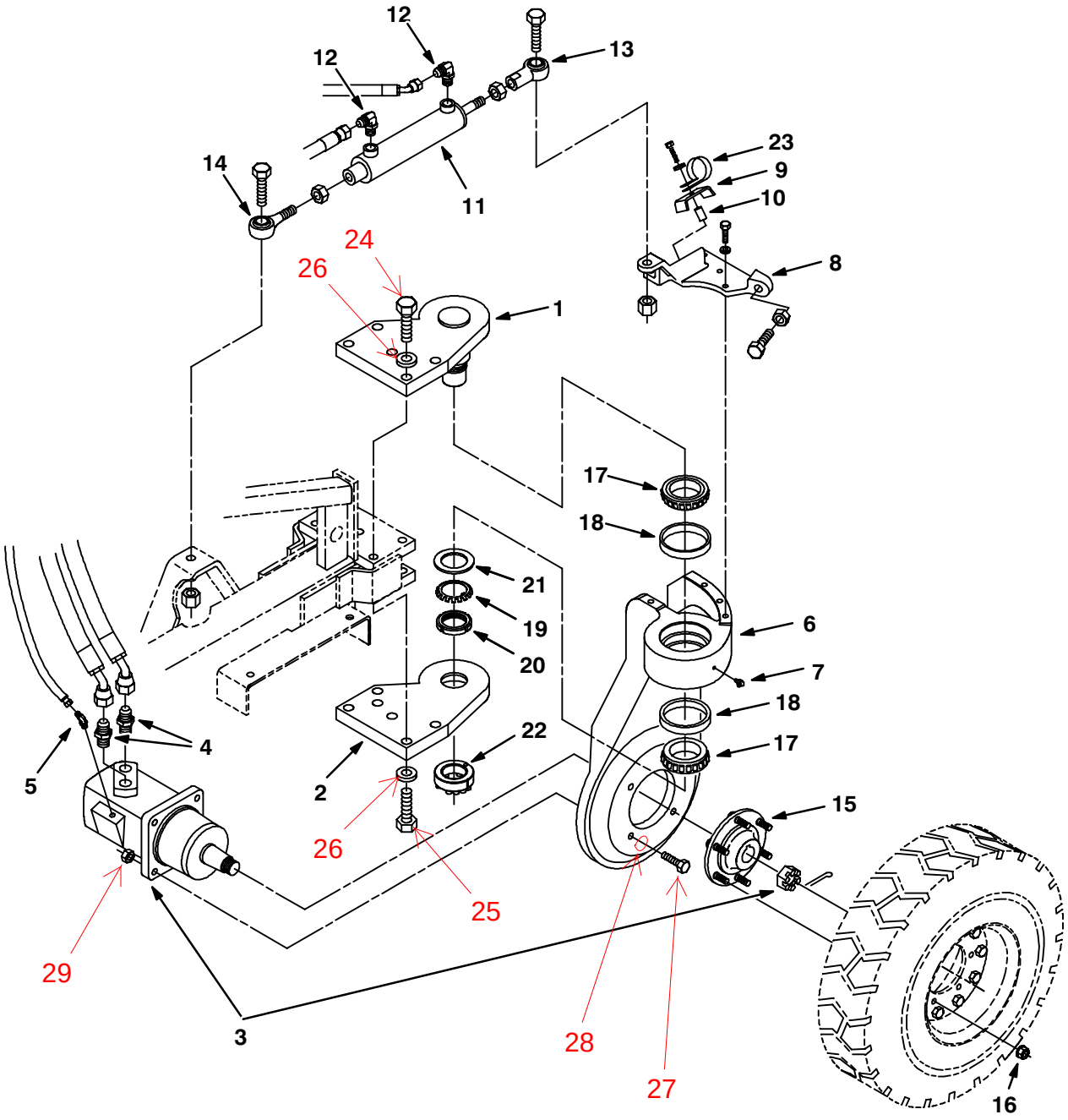
Fig. 42 – Battery Group

Ref.	Tennant Part No.	Machine Serial Number		Description	Qty.
1	77490	(001212–	)	Bracket, Mtg, Battery	1
2	77579	(001212–	)	Bracket, Battery	1
3	77602	(001212–	)	Battery, 12V, Wet	1
4	68869	(001212–	)	Cable Assy–Batt,Pos, 48.0, 2Ga	1
5	60293	(001212–	)	Wire, 42.0 Lg, 2Ga, Neg	1

Fig. 43 – Rear Wheel Drive Group

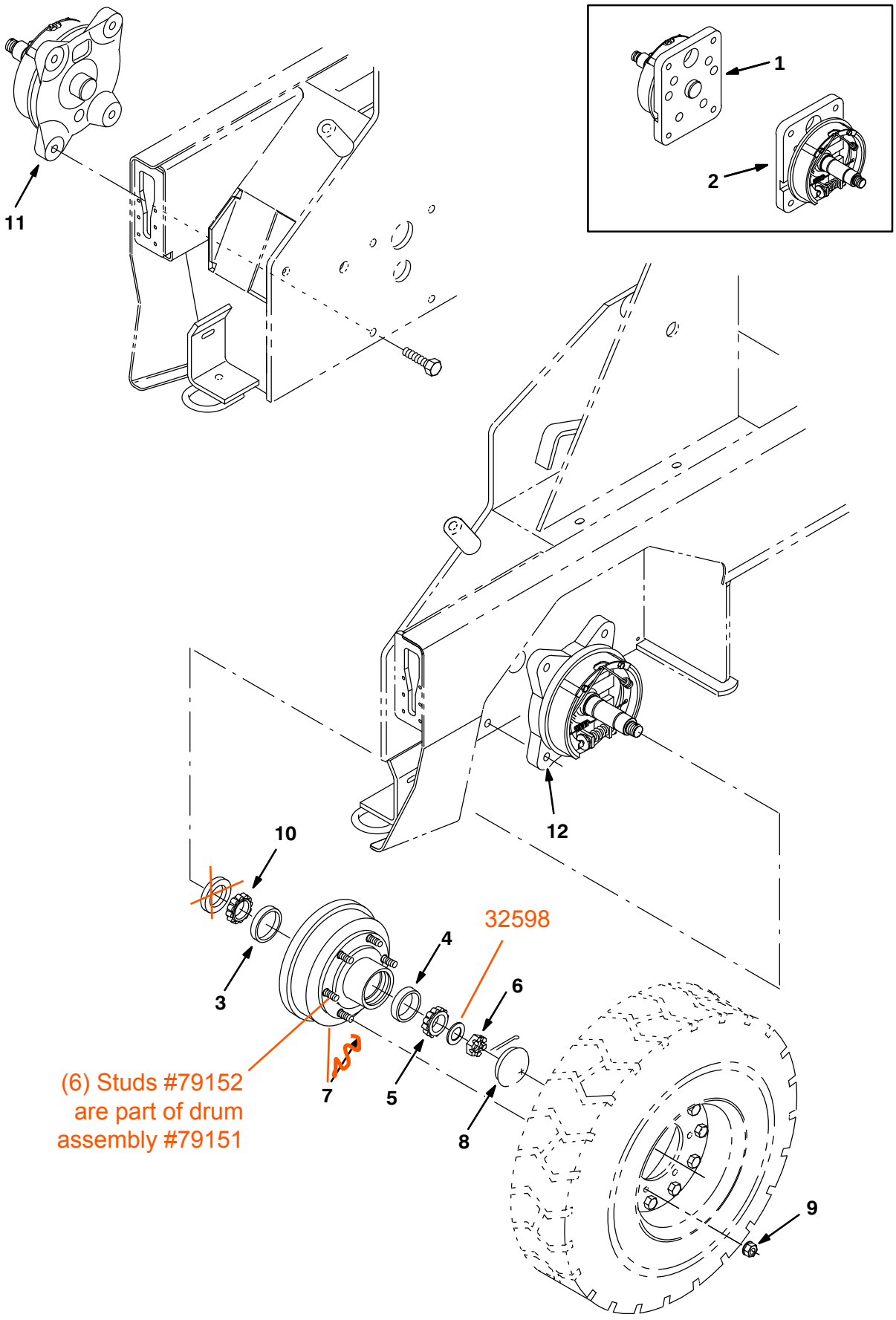


08503/07567

Fig. 43 – Rear Wheel Drive Group

Ref.	Tennant Part No.	Machine Serial Number		Description	Qty.
1	63491	(000000–	)	Pivot Wldt, Wheel	1
2	63471	(000000–	)	Plate, Pivot, Wheel	1
3	63426	(000000–	)	Motor–Hyd Gear In (See Breakdowns)	1
4	67310	(000000–	)	Ftg–Hyd Str Jm12/Om16	2
5	34359	(000000–	)	Ftg–Hyd E45 Jm04/Om04	1
6	63540	(000000–	)	Housing, Sppt, Wheel	1
7	09718	(000000–	)	Ftg, Grease.25–28Th 90 .75L	1
8	63543	(000000–	)	Bracket, Steering, Machining	1
9	73733	(000000–	)	Channel, Retainer	1
10	73731	(000000–	)	Sleeve, .375B .62D1.06 Stl	1
11	53601	(000000–	)	Cylinder, Hyd (See Breakdowns)	1
12	56820	(000000–	)	Ftg–Hyd E90 Jm06/Om06	2
13	64887	(000000–	)	Balljoint, Rod End	1
14	64886	(000000–	)	Balljoint, Rod End	1
15	63591	(000000–001258	)	Housing Assy, Rear Hub	1
15	79140	(001259–	)	Hub and Stud Assy.	1
16	78999	(000000–001258	)	Nut, Wheel Lug	6
16	79153	(001259–	)	Nut, Wheel Lug	6
17	51341	(000000–	)	Bearing–Cone, 2.63Bore 0.87Wth	2
18	51340	(000000–	)	Bearing–Cup , 4.33Dia 0.74Wth	2
19	41074	(000000–	)	Washer,Lock Special	1
20	41073	(000000–	)	Nut,Lock–Special 2.16–18Uns	1
21	79514	(000000–	)	Washer	1
22	63496	(000000–	)	Ring, Retainer, Lock	1
23	67767	(000000–	)	Clamp, Cable	1
24	06995			Scr, Hex M20 x 2.5 x 70	3
25	06993			Scr, Hex M20 x 2.5 x 60	7
26	39350			Washer, Flt	10
27	39305			Bolt	4
28	32486			Washer	4
29	32985			Nut	4

Fig. 44 – Front Wheels and Brakes Group

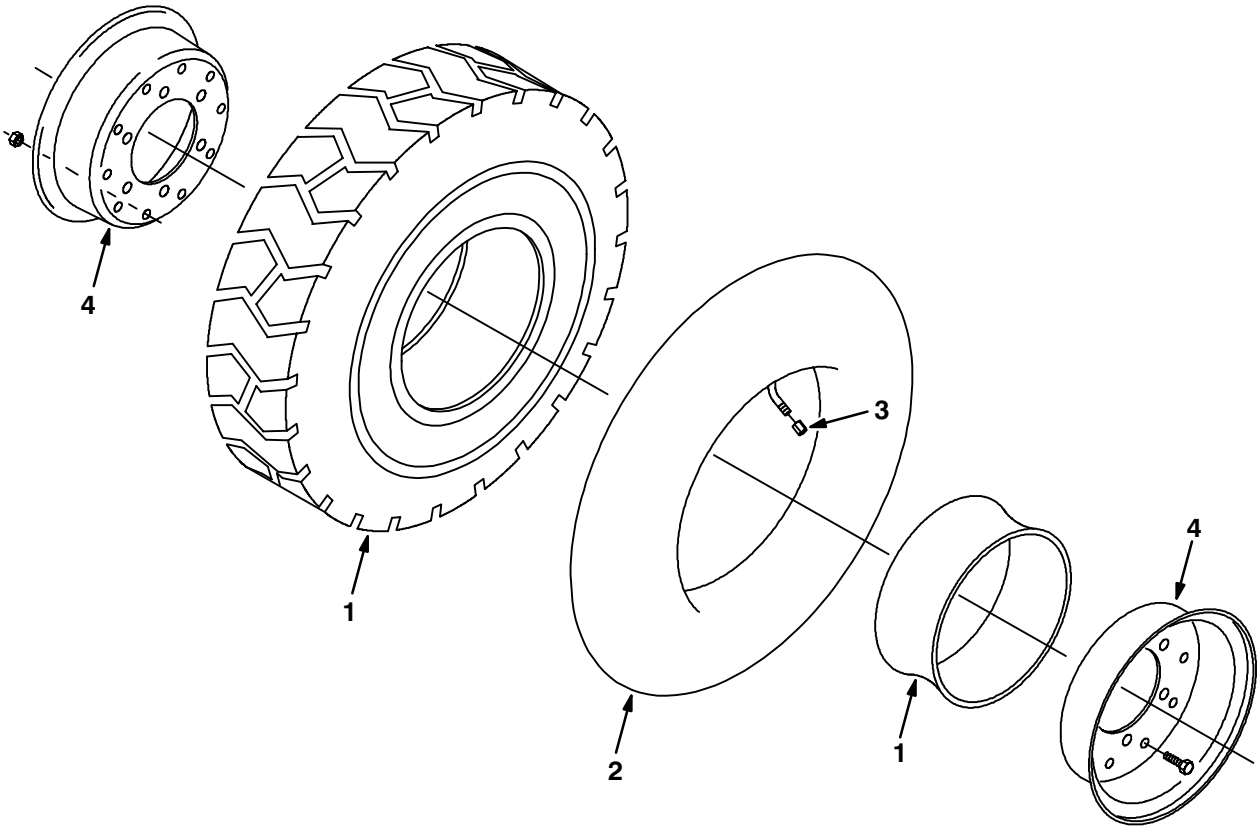


08504/07568

Fig. 44 – Front Wheels and Brakes Group

Ref.	Tennant Part No.	Machine Serial Number	Description	Qty.
1	63290	(000000–001354)	Brake, Hyd, Rh (Repl. by 77790)	1
2	63286	(000000–001354)	Brake, Hyd, Lh (Repl. by 77770)	1
3	17808	(000000–)	Bearing–Cup, 2.72Dia 0.59Wth	2
4	51338	(000000–)	Bearing–Cup, 2.56Dia 0.55Wth	2
5	51193	(000000–)	Bearing–Cone, 1.38Bore 0.72Wth	2
6	14242	(000000–)	Nut–Hxslot 1.00–20 Pltd	2
7	63281	(000000–001258)	Drum, Brake	2
7	79151	(001259–)	Drum Assy, Brake 9/16	2
8	51373	(000000–)	Cap, Grease Black Paint	2
9	78999	(000000–001258)	Nut–Wheel .50–20	12
9	79153	(001259–)	Nut, Wheel Lug, 9/16–18	12
10	17809	(000000–)	Bearing–Cone, 1.50Bore 0.75Wth	2
11	77790	(001355–)	Brake Assy, Rh	1
12	77770	(001355–)	Brake Assy, Lh	1

Fig. 45 – Wheel Assembly

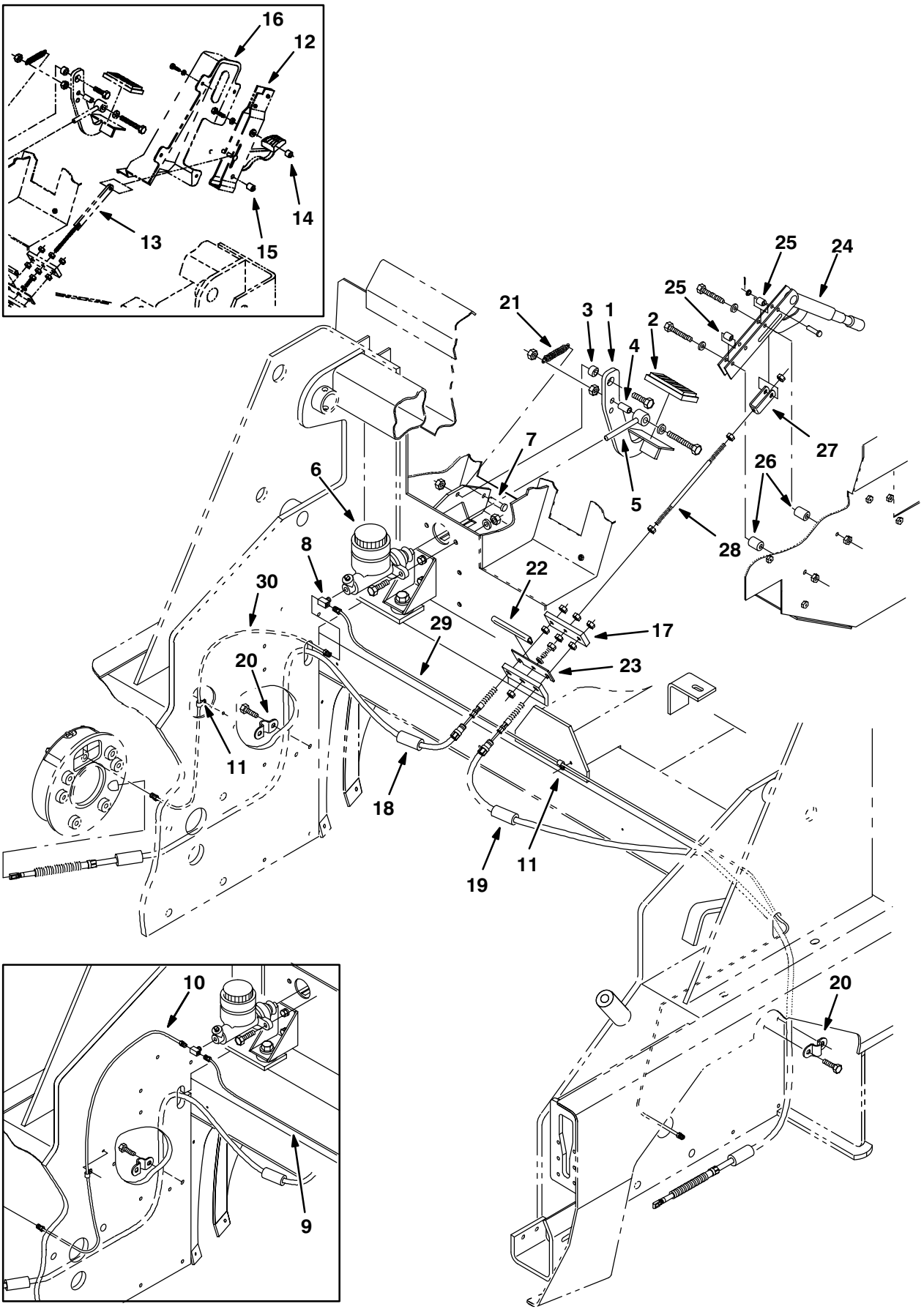


08556/07621

Fig. 45 – Wheel Assembly

	Ref.	Tennant Part No.	Machine Serial Number		Description	Qty.
∇		63850	(000000–	)	Tire & Rim Assy, Pneu 6.50–10	3
	1	64059	(000000–	)	Tire & Flap Assy	1
	2	64058	(000000–	)	Tube, Inner	1
	3	45786	(000000–	)	Cap, Valve Stem	1
	4	63218	(000000–	)	Hub Assy	1

Fig. 46 – Brake Pedals Group

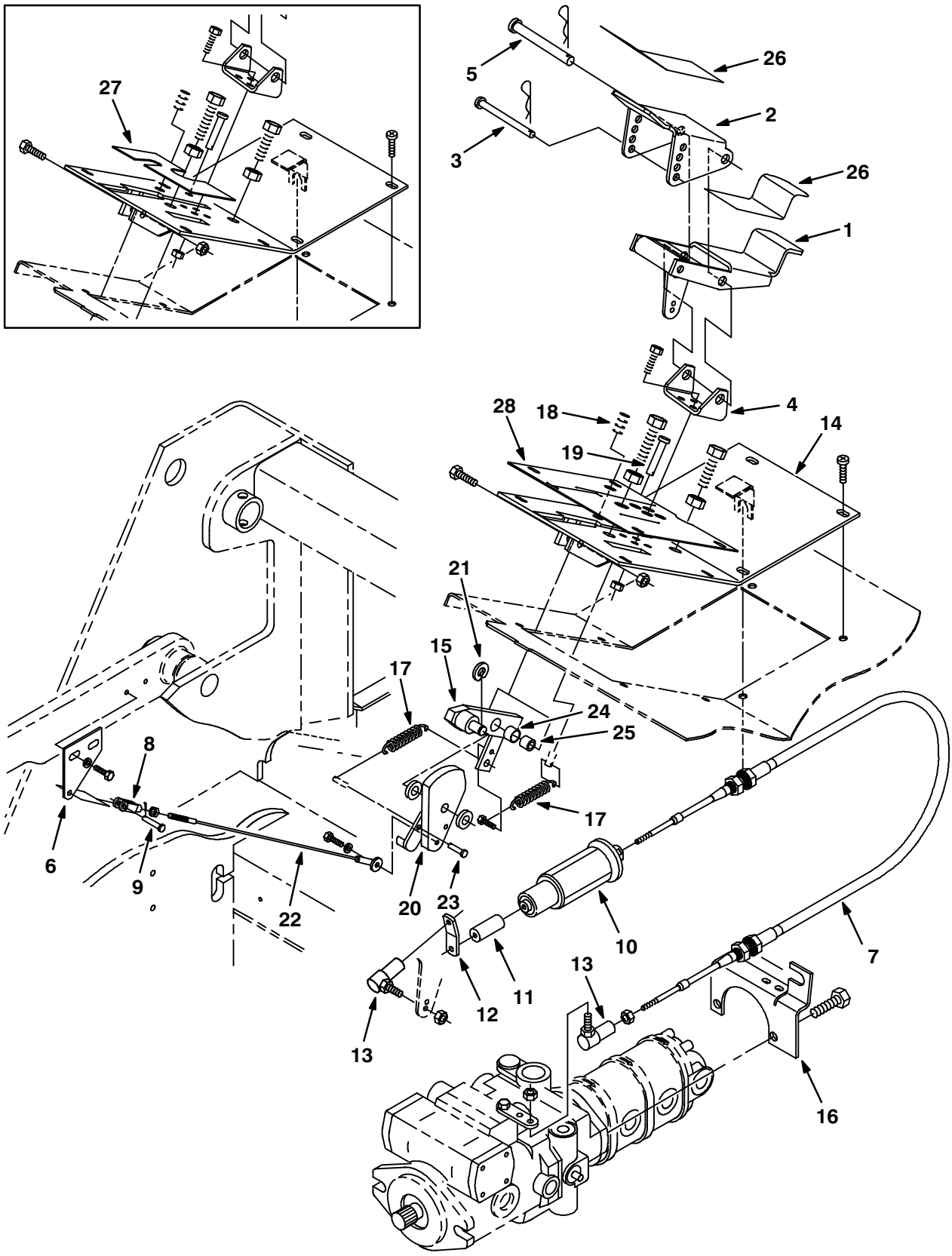


08538/07602

Fig. 46 – Brake Pedals Group

Ref.	Tennant Part No.	Machine Serial Number		Description	Qty.
1	63295	(000000–	)	Pedal Wldt	1
2	51109	(000000–	)	Pad	1
3	64635	(000000–	)	Spacer	1
4	57311	(000000–	)	Spacer–.50 Od X .055W X 1.0	1
5	70550	(000000–	)	Rod Wldt, Push, Brake	1
6	64950	(000000–	)	Cylinder, Master Brake	1
7	76653	(000000–	)	Pin, Clevis .375D X 1.000 Lg	1
8	51483	(000000–	)	Ftg,Brass,Tee 06If– 02Pm– 06If	1
9	64554	(000000–001354	)	Tube Assy, Brake,Metric 80.0Lg	1
10	64550	(000000–001354	)	Tube Assy, Brake,Metric 34.0Lg	1
11	46236	(000000–	)	Clamp–Cable, 0.25Dia 0.56Wth	5
12	77646	(000000–001102	)	Brake, Hand, Replmt Kit	1
13	70511	(000000–001102	)	Rod Wldt, Adjustment	1
14	70505	(000000–001102	)	Sleeve, .380B .62D .50 Smls	1
15	70504	(000000–001102	)	Sleeve, .380B .62D .66 Smls	1
16	76639	(000000–001102	)	Cover, Brake Kit	1
17	70506	(000000–	)	Bar, Equalizer	1
18	64556	(000000–	)	Cable, Brake, Park	1
19	64558	(000000–	)	Cable, Brake, Park	1
20	65129	(000000–	)	Clamp, Cable– Brake	2
21	75575	(000000–	)	Spring, Tens,0.5Dx.06Wire 2.5L	1
22	31775	(000000–	)	Molding, Trim 11–14Ga 4.0	1
23	74022	(000000–	)	Strip, Retainer, Brake Cable	1
24	51545	(001103–	)	Lever, Brake	1
25	51562	(001103–	)	Sleeve, .344B .50D .81 Cr.Anc	2
26	86034	(001103–	)	Spacer, Brake	2
27	76491	(001103–	)	Bracket, Adjuster, Brake	1
28	76490	(001103–	)	Rod–Thread, 2End M08X1.25X10Lg	1
29	79593	(001355–	)	Tube Assy, Brake	1
30	79594	(001355–	)	Tube Assy, Brake	1

Fig. 47 – Directional Pedal Group

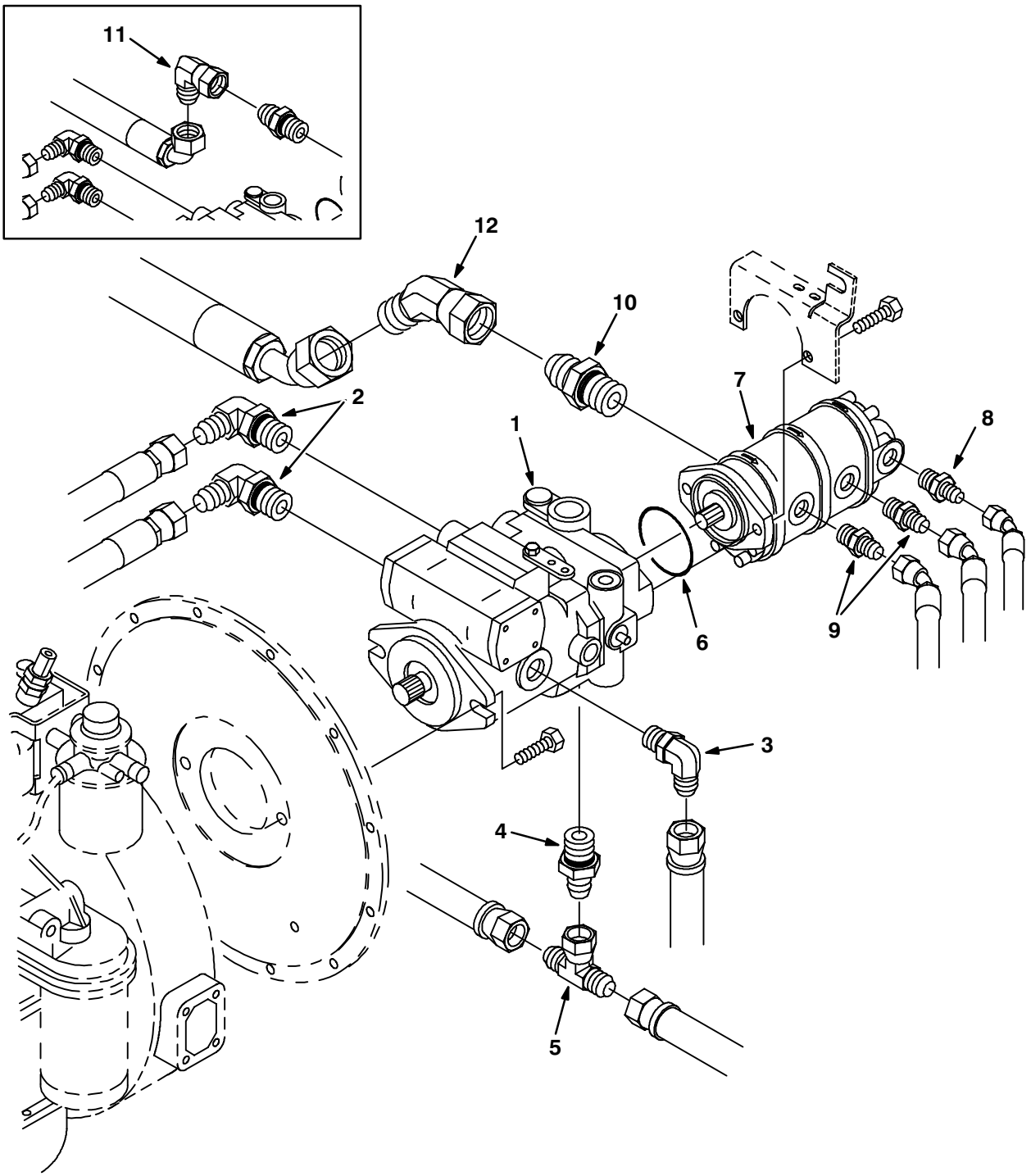


08546/07611

Fig. 47 – Directional Pedal Group

Ref.	Tennant Part No.	Machine Serial Number		Description	Qty.
1	74052	(000000–	)	Pedal Wldt, Lower	1
2	75305	(000000–	)	Pedal, Upper	1
3	59672	(000000–	)	Pin, Clevis .31 Dia X 4.50 Lg	1
4	63275	(000000–	)	Bracket, Mounting Dir Cont	1
5	59668	(000000–	)	Pin, Clevis .50 Dia X 4.50 Lg	1
6	70725	(000000–	)	Plate	1
7	63276	(000000–	)	Cable, Push,Pull	1
8	14595–1	(000000–	)	Clevis,Adjust.0.25–28Th.Cad.	1
9	14605	(000000–	)	Pin,Clevis,0.25 Dia.X 0.75 Lg	1
10	63292	(000000–	)	Spring, Propel, Centering	1
11	65246	(000000–	)	Spacer	1
12	64632	(000000–	)	Bracket, Adjusting, Spring	1
13	14601	(000000–	)	Ball Joint, 250–28	2
14	63551	(000000–	)	Panel, Access	1
15	70747	(000000–	)	Bar Wldt, Pivot	1
16	76427	(000000–	)	Bracket, Mounting,Alarm Switch	1
17	54222	(000000–	)	Sprng, Tens,1.000dx.09Wire2.8 L	2
18	76523	(000000–	)	Screw–Set M10 X 1.50 2045H	1
19	76647	(000000–	)	Pin, Clevis .375D X 1.312 Lg	1
20	70783	(000000–	)	Cam Wldt	1
21	86953	(000000–	)	Ring,Retain,Ex,0.50 Stl Steel	2
22	70749	(000000–	)	Cable, Speed Control	1
23	82168	(000000–	)	Pin, Clevis .25 Dia, 1.000 Lg.	1
24	07449	(000000–	)	Bearing, Fiberglide	1
25	74051	(000000–	)	Sleeve, .408B .62D .53Stl	1
26	82839	(000000–	)	Pad, Tread	1
27	76453	(000000–001241	)	Seal, Rubber, Propel Pedal	1
28	79116	(001242–	)	Seal, Dust	1

Fig. 48 – Hydraulic Pumps Group



08533/07597

Fig. 48 – Hydraulic Pumps Group

Ref.	Tennant Part No.	Machine Serial Number		Description	Qty.
1	62548	(000000–001164	)	Pump–Hyd Piston V (see Breakdowns)	1
1	74163	(001165–	)	Pump–Hyd Piston V (see Breakdowns)	1
2	52911	(000000–	)	Ftg–Hyd E90 Jm12/Om16	2
3	46481	(000000–	)	Ftg–Hyd E90 Jm12/Om12	1
4	67310	(000000–	)	Ftg–Hyd Str Jm12/Om16	1
5	62389	(000000–	)	Ftg–Hyd Tee Jm12Jfjm	1
6	65145–1	(000000–	)	O–Ring Gland	1
7	62561	(000000–	)	Pump–Hyd Gear Ex (See Breakdowns)	1
8	47508	(000000–	)	Ftg–Hyd Str Jm06/Om10	1
9	56692	(000000–	)	Ftg–Hyd Str Jm08/Om10	2
10	58858	(000000–	)	Ftg–Hyd Str Jm20/Om20	1
11	19459	(000000–001050	)	Ftg–Hyd E90 Jm20/Jf20	1
12	19544	(001051–	)	Ftg–Hyd E45 Jm20/Jf20	1

Fig. 49 – Hydraulic Schematic
(for machines below serial number xxxxxx)

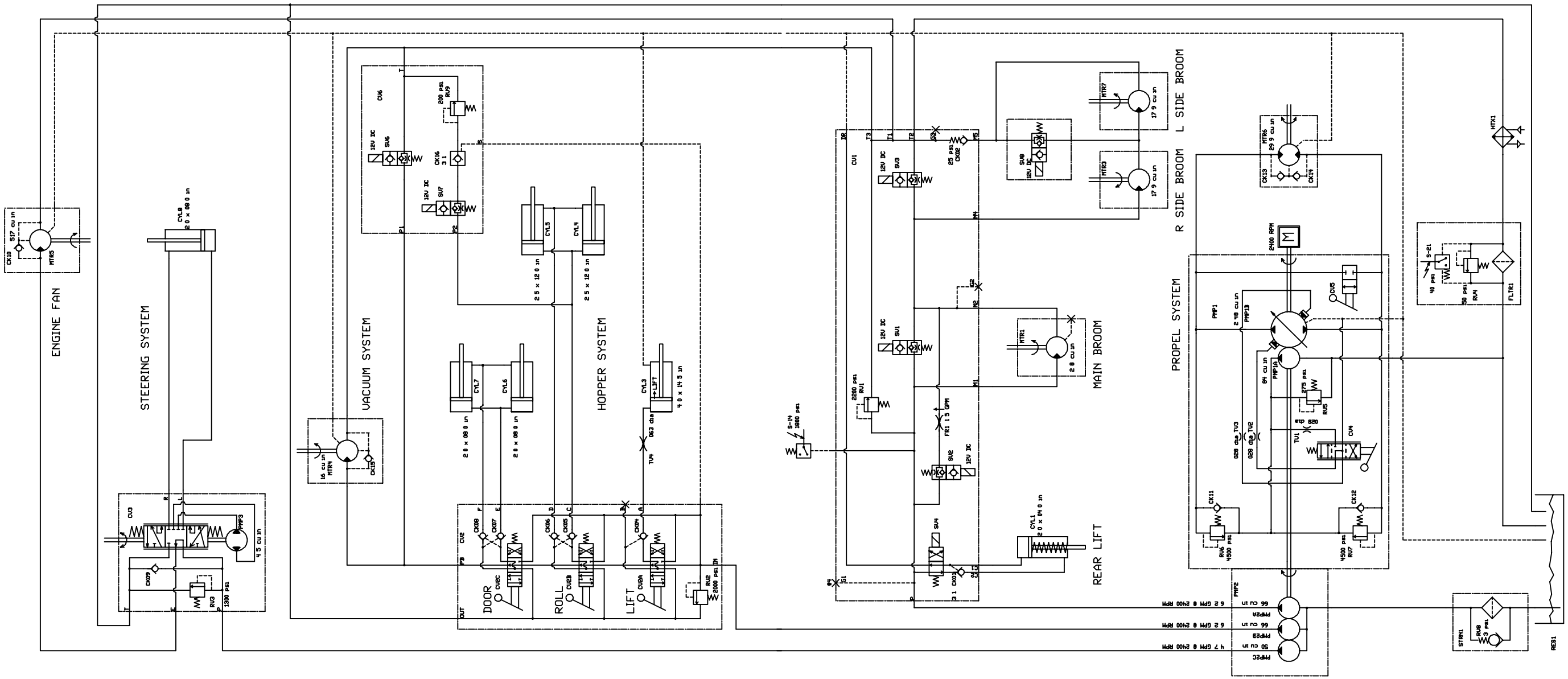


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Fig. 50 – Hydraulic Schematic
(for machines serial number xxxxxx and above)

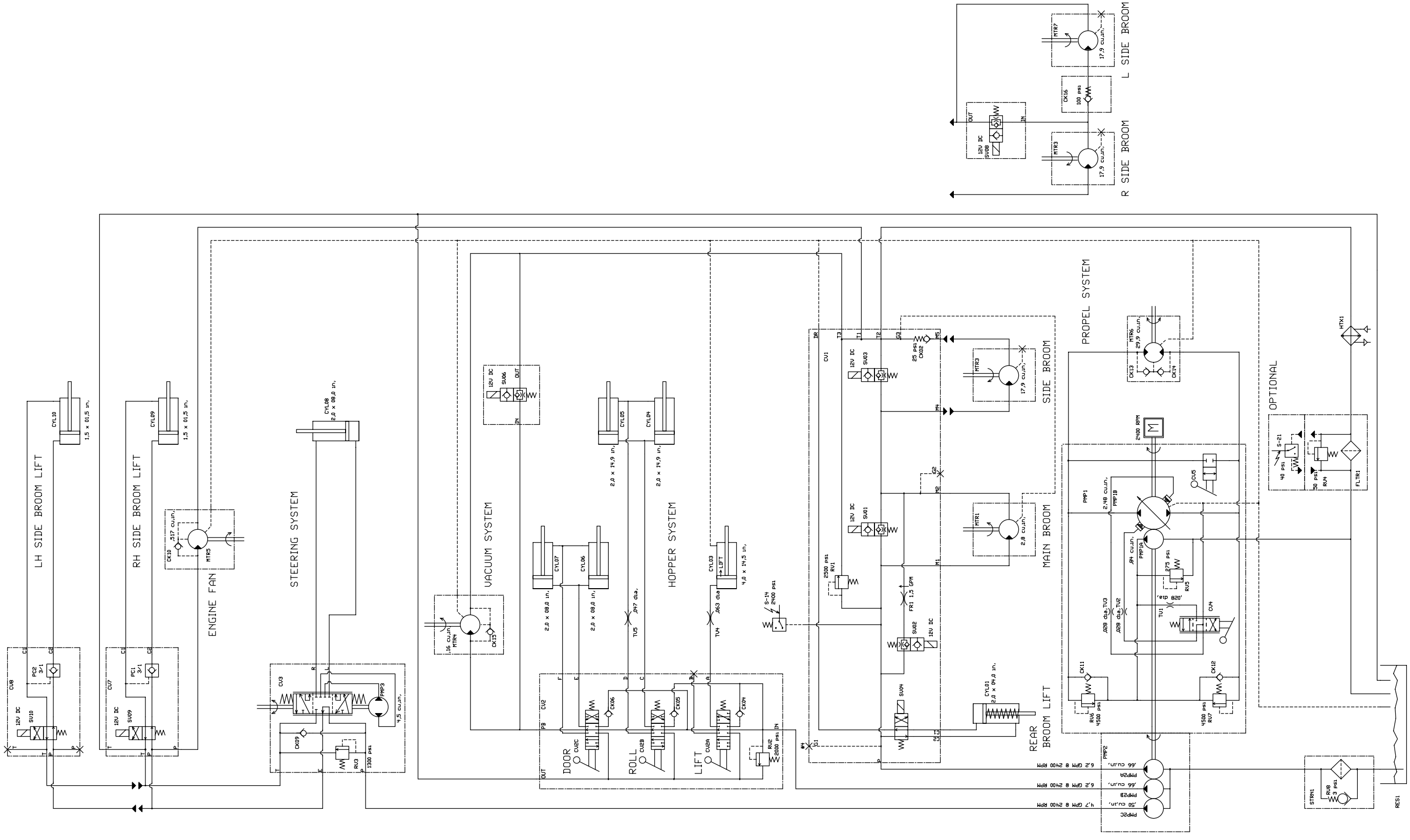

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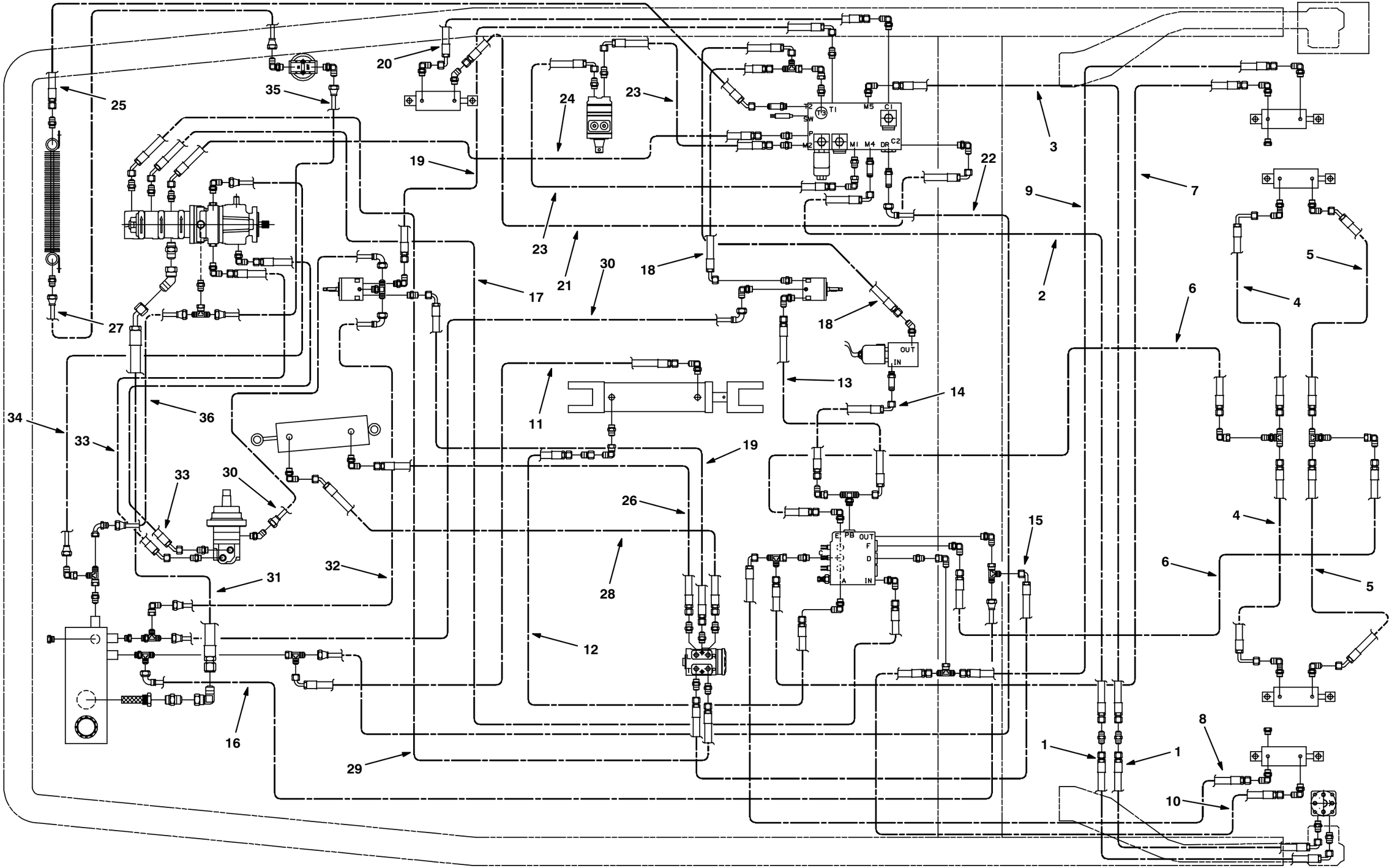
Fig. 51 – Hydraulic Hose Group
(for machines below serial number xxxxxx)



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08560/07616

Fig. 51 – Hydraulic Hose Group
(for machines below serial number xxxxxx)

Ref.	Tennant Part No.	Machine Serial Number	Description	Qty.
1	65194	(000000–xxxxxx)	Hose–Hyd Med06 Jf/J9	2
2	65197	(000000–xxxxxx)	Hose–Hyd Med08 Jf/J9	1
3	65224	(000000–xxxxxx)	Hose–Hyd Med08 Jf/Jf	1
4	65188	(000000–xxxxxx)	Hose–Hyd Med04 Jf/Jl9	2
5	57173	(000000–xxxxxx)	Hose–Hyd Med04 Jf/J4	2
6	76499	(000000–001054)	Hose–Hyd Replm Kit 800/810	2
6	76498	(001055–xxxxxx)	Hose–Hyd Med04 Jf/Jf	2
7	65208	(000000–xxxxxx)	Hose–Hyd Med04 Jf/Jf	1
8	65209	(000000–xxxxxx)	Hose–Hyd Med04 Jf/J9	1
9	65211	(000000–xxxxxx)	Hose–Hyd Med04 Jf/Jf	1
10	65210	(000000–xxxxxx)	Hose–Hyd Med04 Jf/Jf	1
11	71552	(000000–xxxxxx)	Hose–Hyd Med06 Jf/J9	1
12	82814	(000000–xxxxxx)	Hose–Hyd Med04 Jf/Jf	1
13	82843	(000000–xxxxxx)	Hose–Hyd Med08 Jf/J9	1
14	82820	(000000–xxxxxx)	Hose–Hyd Med08 Jf/J9	1
15	65195	(000000–xxxxxx)	Hose–Hyd Med06 Jf/J9	1
16	65212	(000000–xxxxxx)	Hose–Hyd Low06 Jf/J9	1
17	65204	(000000–xxxxxx)	Hose–Hyd Med08 Jf/J4	1
18	34355	(000000–xxxxxx)	Hose–Hyd Med08 Jf/J9	2
19	65194	(000000–xxxxxx)	Hose–Hyd Med06 Jf/J9	2
20	34379	(000000–xxxxxx)	Hose–Hyd Med04 Jf/J9	1
21	57963	(000000–xxxxxx)	Hose–Hyd Med04 Jf/J9	1
22	65213	(000000–xxxxxx)	Hose–Hyd Low06 Jf/J9	1
23	34360	(000000–xxxxxx)	Hose–Hyd Med08 Jf/J9	2
24	33799	(000000–xxxxxx)	Hose–Hyd Med08 Jf/J4	1
25	65199	(000000–xxxxxx)	Hose–Hyd Med12 Jf/J4	1
26	01987	(000000–xxxxxx)	Hose–Hyd Med06 Jf/Jf	1
27	57485	(000000–xxxxxx)	Hose–Hyd Low12 Jf/Jf	1
28	76497	(000000–xxxxxx)	Hose–Hyd Med06 Jf/J4	1
29	65191	(000000–xxxxxx)	Hose–Hyd Med06 Jf/J4	1
30	02549	(000000–xxxxxx)	Hose–Hyd Low04 Jf/J9	2
31	76615	(000000–001050)	Hose–Hyd Replmt Kit 800/810	1
31	19618	(001051–xxxxxx)	Hose–Hyd Suc20 Jf/J4	1
32	65196	(000000–xxxxxx)	Hose–Hyd Low 04 Jf/J9	1
33	65201	(000000–xxxxxx)	Hose–Hyd Med12 Jf/J4	2
34	65205	(000000–xxxxxx)	Hose–Hyd Low12 Jf/Jf	1
35	57483	(000000–xxxxxx)	Hose–Hyd Low12 Jf/Jf	1
36	65202	(000000–xxxxxx)	Hose–Hyd Low12 Jf/Jf	1

Fig. 52 – Hydraulic Hose Group
(for machines serial number xxxxxx and above)

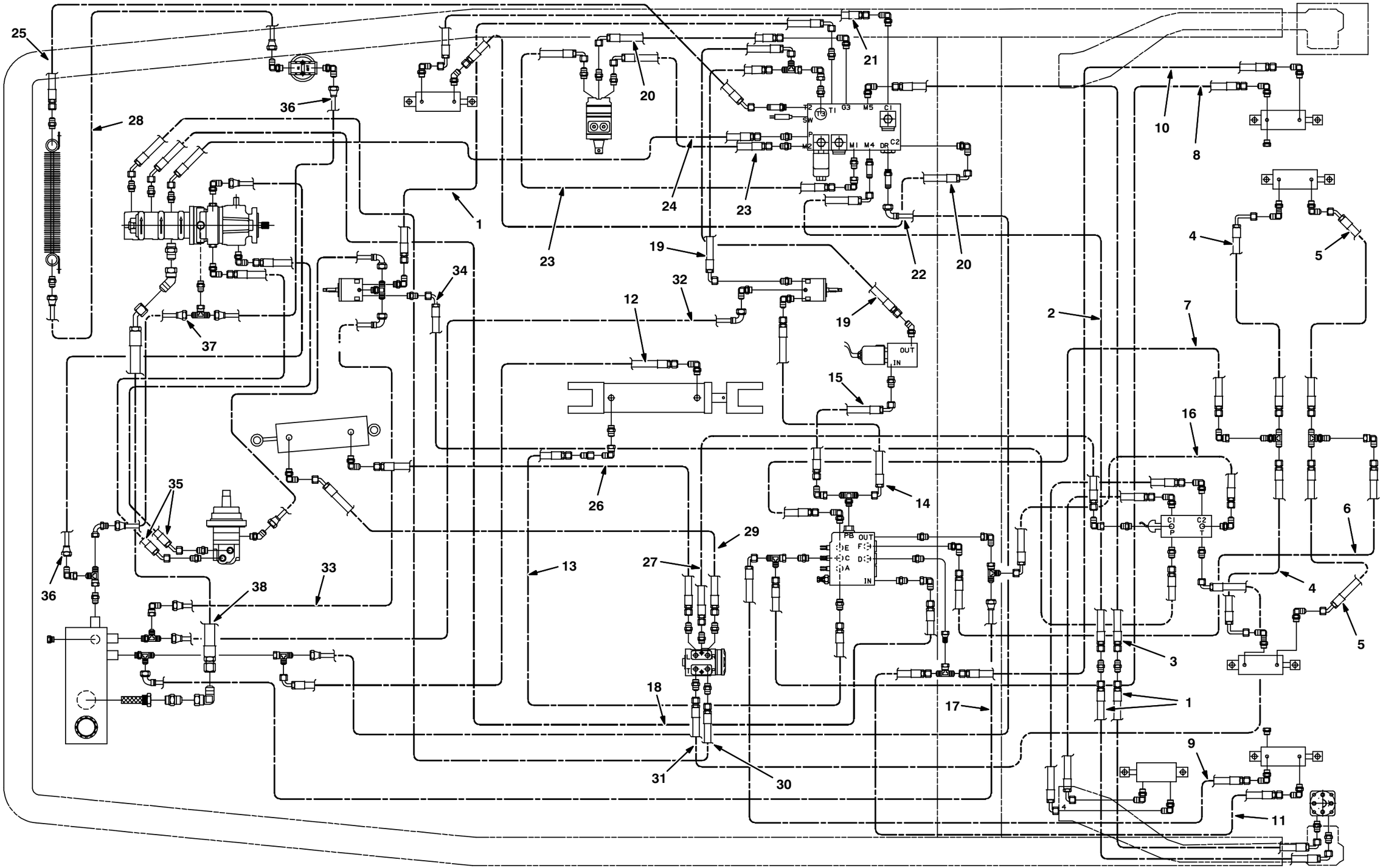

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Fig. 52 – Hydraulic Hose Group
(for machines serial number xxxxxx and above)

Ref.	Tennant Part No.	Machine Serial Number		Description	Qty.
1	65194	(xxxxxx–	)	Hose–Hyd Med06	3
2	65197	(xxxxxx–	)	Hose–Hyd Med08	1
3	65224	(xxxxxx–	)	Hose–Hyd Med08	1
4	65188	(xxxxxx–	)	Hose–Hyd	2
5	57173	(xxxxxx–	)	Hose–Hyd Med04 Jf/J4	2
6	76498	(xxxxxx–	)	Hose–Hyd Ar 04	1
7	79642	(xxxxxx–	)	Hose–Hyd Ar04	1
8	21117	(xxxxxx–	)	Hose–Hyd Ar 04	1
9	21119	(xxxxxx–	)	Hose–Hyd Ar 04	1
10	77641	(xxxxxx–	)	Hose–Hyd Ar 04	1
11	77640	(xxxxxx–	)	Hose–Hyd Ar 04	1
12	71552	(xxxxxx–	)	Hose–Hyd	1
13	55700	(xxxxxx–	)	Hose–Hyd Med04 Jf/Jf	1
14	82843	(xxxxxx–	)	Hose–Hyd Med08 Jf/J9	1
15	82820	(xxxxxx–	)	Hose–Hyd Med78 Jf/J9	1
16	65195	(xxxxxx–	)	Hose–Hyd Med06	1
17	65212	(xxxxxx–	)	Hose–Hyd Low06	1
18	65204	(xxxxxx–	)	Hose–Hyd Med08	1
19	34355	(xxxxxx–	)	Hose–Hyd Med08 Jf/J9	2
20	57963	(xxxxxx–	)	Hose–Hyd Med04	4
21	34379	(xxxxxx–	)	Hose–Hyd Med04	1
22	65213	(xxxxxx–	)	Hose–Hyd Low06	1
23	34360	(xxxxxx–	)	Hose–Hyd Med08 Jf/J9	2
24	33799	(xxxxxx–	)	Hose–Hyd Med08 Jf/J4	1
25	65199	(xxxxxx–	)	Hose–Hyd Med12	1
26	01987	(xxxxxx–	)	Hose–Hyd Med06 Jf/Jf	1
27	16431	(xxxxxx–	)	Hose–Hyd Med06 Jf/Jf	1
28	57485	(xxxxxx–	)	Hose–Hyd Low12 Jf/Jf	1
29	76497	(xxxxxx–	)	Hose–Hyd Med06	1
30	65191	(xxxxxx–	)	Hose–Hyd Med06	1
31	57944	(xxxxxx–	)	Hose–Hyd Med06 Jf/J9	1
32	02549	(xxxxxx–	)	Hose–Hyd Low04 Jf/J9	2
33	65196	(xxxxxx–	)	Hose–Hyd Low 04	1
34	31563	(xxxxxx–	)	Hose–Hyd Med06 Jf/J9	1
35	65201	(xxxxxx–	)	Hose–Hyd Med12	2
36	65205	(xxxxxx–	)	Hose–Hyd Low12	2
37	65202	(xxxxxx–	)	Hose–Hyd Low12	1
38	77473	(xxxxxx–	)	Hose–Hyd Suc20 Spcl 22.5	1

Fig. 53 – Hydraulic Reservoir Group

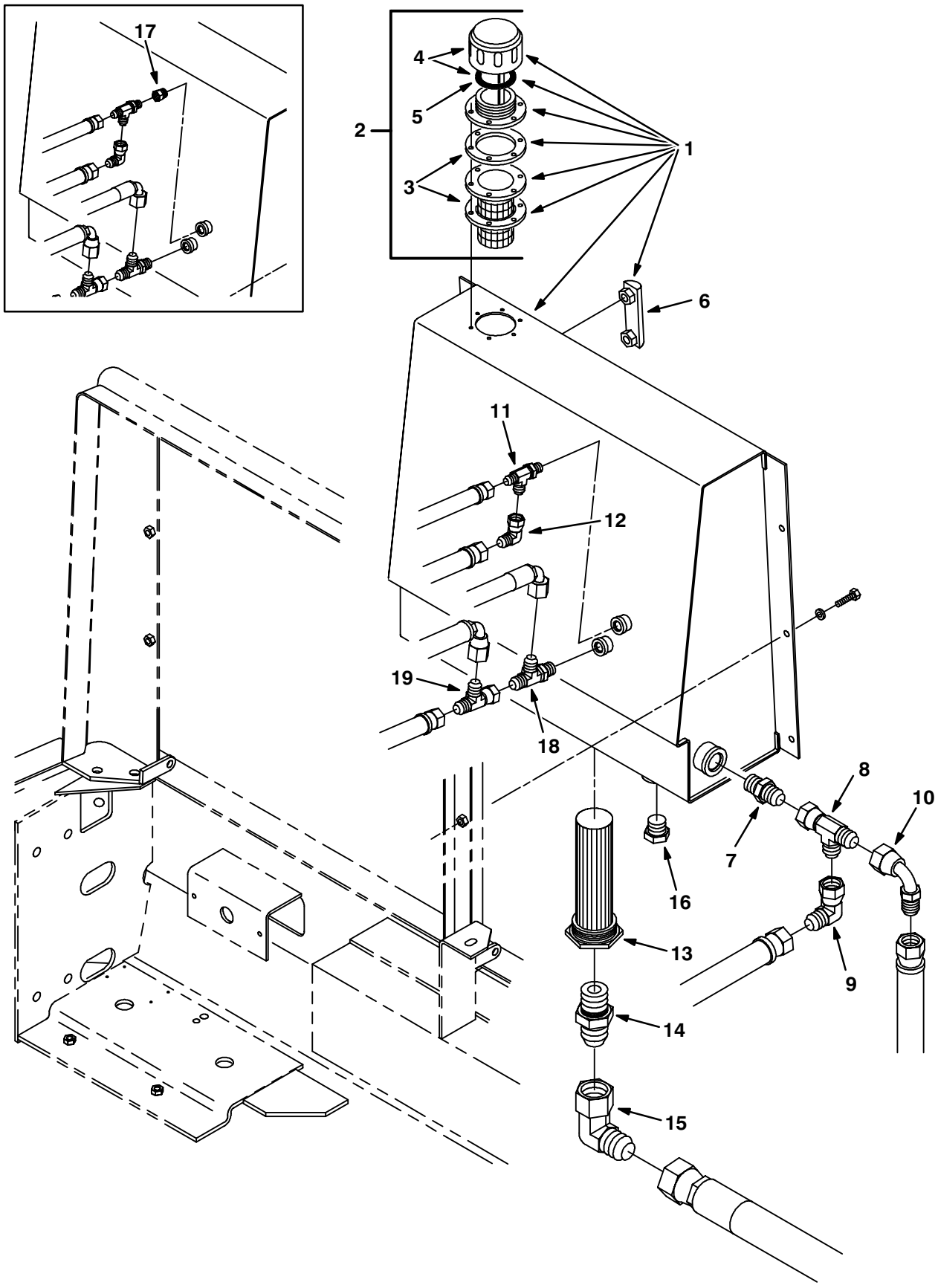

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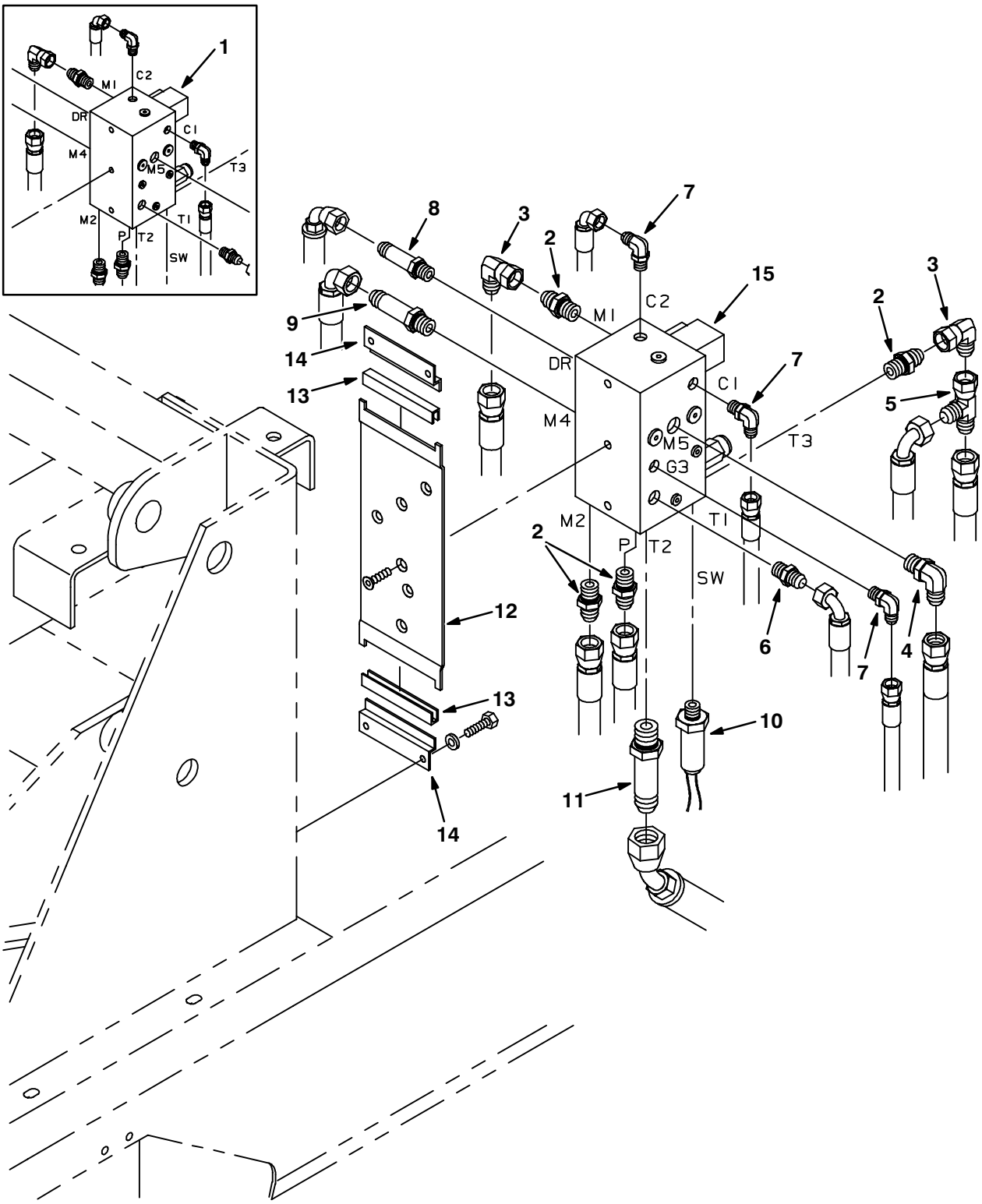
Fig. 53 – Hydraulic Reservoir Group

	Ref.	Tennant Part No.	Machine Serial Number		Description	Qty.
∇	1	63968	(000000–001150	)	Tank Wldt, Hyd	1
∇	1	76906	(001151–	)	Tank Wldt, Hydraulic	1
∇	2	34306	(000000–	)	Breather, Hyd	1
	3	61288	(000000–	)	Gasket, Hyd Tank Breather	2
	4	70072	(000000–	)	Breather Cap and Gasket	1
	5	70006	(000000–	)	Gasket, Hyd Cap	1
	6	65215	(000000–	)	Gauge, Sight Lh	1
	7	42260	(000000–	)	Ftg–Hyd Str Jm12/Om12	1
	8	40514	(000000–	)	Ftg–Hyd Tee Jm12Jmjf	1
	9	35033	(000000–	)	Ftg–Hyd E90 Jm12/Jf12	1
	10	57994	(000000–	)	Ftg–Hyd E90 Special Jm12/Jf12	1
	11	34390	(000000–	)	Ftg–Hyd Tee Jm04Jmom	1
	12	39210	(000000–	)	Ftg–Hyd E90 Jm04/Jf04	1
	13	31613	(000000–	)	Strainer–Hyd Suction 25–100–03	1
	14	58858	(000000–	)	Ftg–Hyd Str Jm20/Om20	1
	15	19459	(000000–	)	Ftg–Hyd E90	1
	16	33817	(000000–	)	Ftg–Hyd Plg Om12	1
	17	87414	(000000–001150	)	Ftg–Hyd Str Om/Of	1
	18	76316	(000000–	)	Ftg–Hyd Tee Jm06Jmom	1
	19	42215	(000000–	)	Ftg–Hyd Tee Jm06Jmjf	1

Fig. 54 – Hydraulic Solenoid Valve Group



08558/07650

Fig. 54 – Hydraulic Solenoid Valve Group

Ref.	Tennant Part No.	Machine Serial Number		Description	Qty.
1	63527	(000000–001187	)	Valve–Hyd, Solenoid (See Breakdowns)	1
2	44869	(000000–	)	Ftg–Hyd Str Jm08/Om08	4
3	17980	(000000–	)	Ftg–Hyd E90 Jm08/Jf08	2
4	44868	(000000–	)	Ftg–Hyd E90 Jm08/Om08	1
5	45482	(000000–	)	Ftg–Hyd Tee Jm08Jmjf	1
6	56690	(000000–	)	Ftg–Hyd Str Jm06/Om06	1
7	77097	(000000–	)	Ftg–Hyd E90 Jm04/Om04	3
8	59577	(000000–	)	Ftg–Hyd Str Jm06Om06L	1
9	31605	(000000–	)	Ftg–Hyd Str Jm08Om08L	1
10	70780	(000000–001146	)	Switch Assy, Pressure, Hyd	1
10	77575	(001147–	)	Switch Assy, Pressure, Hyd	1
11	57993	(000000–	)	Ftg–Hyd Str Jm12Om12L	1
12	64228	(000000–	)	Plate, Mtg, Valve, Solenoid	1
13	10911	(000000–	)	Isolator, Vac Fan	2
14	06146	(000000–	)	Bracket, Mounting	2
15	78996	(001188–001699	)	Valve–Hyd, Solenoid (See Breakdowns)	1
15	84014	(001700–	)	Valve–Hyd, Solenoid (See Breakdowns)	1

Fig. 55 – Hydraulic Lift Valve Group

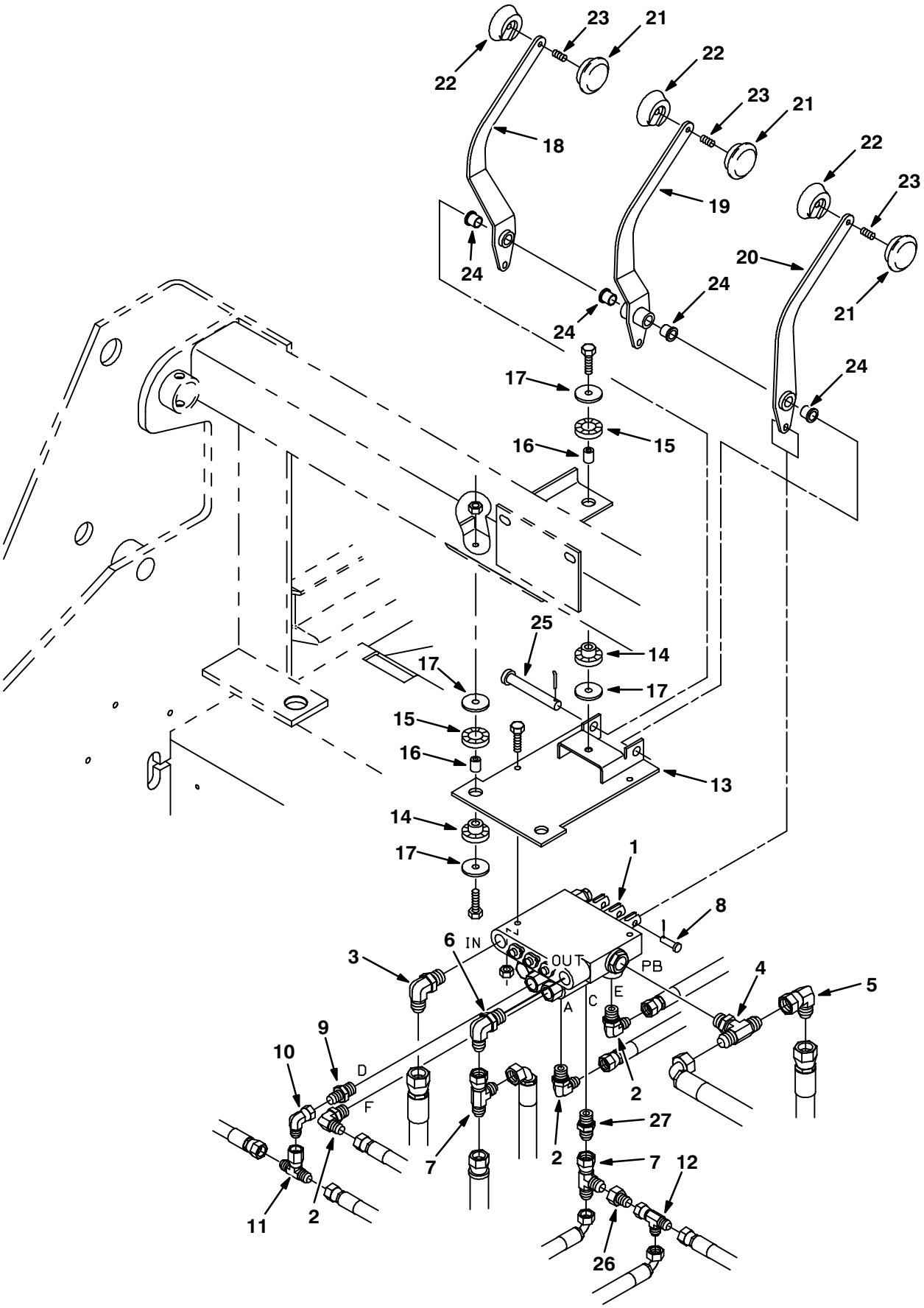


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Fig. 55 – Hydraulic Lift Valve Group

Ref.	Tennant Part No.	Machine Serial Number	Description	Qty.
1	62567	(000000–001223)	Valve, Hyd, (Repl. by 77496) (See Breakdowns)	1
2	47638	(000000–001223)	Ftg–Hyd E90 Jm04/Om06	3
3	44868	(000000–001223)	Ftg–Hyd E90 Jm08/Om08	1
4	49933	(000000–001223)	Ftg–Hyd Tee Jm08OmJm	1
5	17980	(000000–001223)	Ftg–Hyd E90 Jm08/Jf08	1
6	47512	(000000–001223)	Ftg–Hyd E90 Jm06/Om08	1
7	42215	(000000–001223)	Ftg–Hyd Tee Jm06JmJf	2
8	14605	(000000–001223)	Pin,Clevis,0.25 Dia.X 0.75 Lg	3
9	55685	(000000–001223)	Ftg–Hyd Str Jm04/Om06	1
10	39210	(000000–001223)	Ftg–Hyd E90 Jm04/Jf04	1
11	57411	(000000–001223)	Ftg–Hyd Tee Jm04Jfjm	1
12	57988	(000000–001223)	Ftg–Hyd Tee Jm04Jmjf	1
13	64176	(000000–001223)	Bracket Wldt, Mtg, Valve	1
14	62173	(000000–001223)	Bushing, Isolator–Inner,Rbr.	3
15	62172	(000000–001223)	Ring	3
16	64905	(000000–001223)	Sleeve, .259B .38D .62 Dom	3
17	30013	(000000–001223)	Washer–Flt .31 Fender Pltd	6
18	64165	(000000–001223)	Handle Wldt, Rh	1
19	64166	(000000–001223)	Handle Wldt, Center	1
20	64175	(000000–001223)	Handle Wldt, Lh	1
21	64434	(000000–001223)	Knob	3
22	70827	(000000–001223)	Knob	3
23	70847	(000000–001223)	Scr Set M 6X1.0 20	3
24	36173	(000000–001223)	Bearing, Control Shaft	4
25	06474A	(000000–001223)	Pin,Clevis,0.50 Dia.X 3.50 Lg	1
26	47752	(000000–001223)	Ftg–Hyd Str Jm04/Jf06	1
27	56690	(000000–001223)	Ftg–Hyd Str Jm06/Om06	1

Fig. 56 – Hydraulic Lift Valve Group

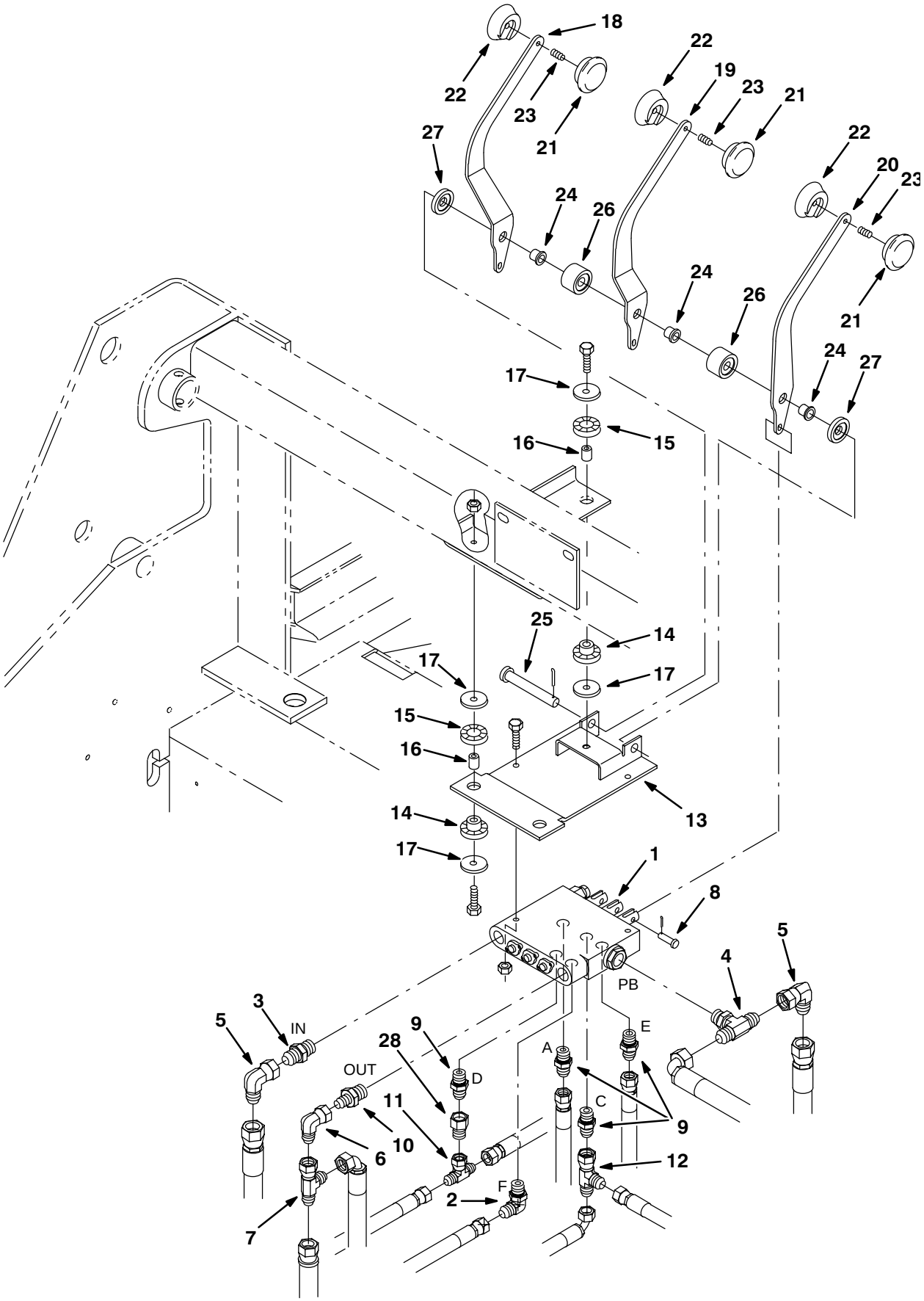

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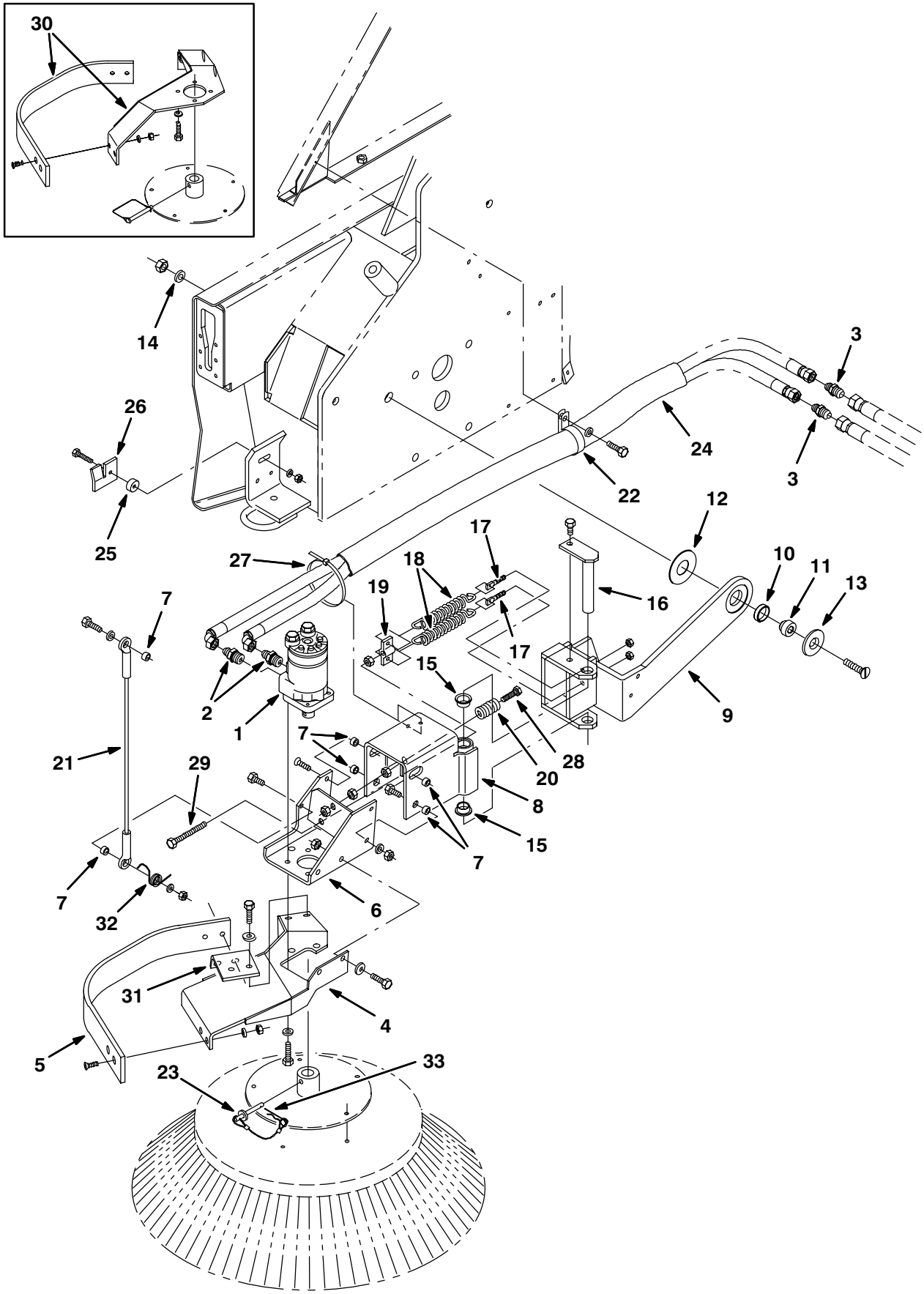
Fig. 56 – Hydraulic Lift Valve Group

Ref.	Tennant Part No.	Machine Serial Number		Description	Qty.
1	77495	(001224–	)	Valve, Hyd Control Man (See Breakdowns)	1
2	47638	(001224–	)	Ftg–Hyd E90 Jm04/Om06	1
3	44869	(001224–	)	Ftg–Hyd Str Jm08/Om08	1
4	49933	(001224–	)	Ftg–Hyd Tee Jm08Omjm	1
5	17980	(001224–	)	Ftg–Hyd E90 Jm08/Jf08	2
6	47504	(001224–	)	Ftg–Hyd E90 Jm06/Jf06	1
7	42215	(001224–	)	Ftg–Hyd Tee Jm06Jmjf	2
8	77488	(001224–	)	Pin, Clevis .18 Dia.X .62 Lg	3
9	55685	(001224–	)	Ftg–Hyd Str Jm04/Om06	3
10	52402	(001224–	)	Ftg–Hyd Str Jm06/Om08	1
11	57411	(001224–	)	Ftg–Hyd Tee Jm04Jfjm	1
12	57988	(001224–	)	Ftg–Hyd Tee Jm04Jmjf	1
13	77485	(001224–	)	Bracket Wldt, Mounting, Valve	1
14	62173	(001224–	)	Bushing, Isolator–Inner,Rbr.	3
15	62172	(001224–	)	Ring	3
16	64905	(001224–	)	Sleeve, .259B .38D .62 Dom	3
17	30013	(001224–	)	Washer–Flt .31 Fender Pltd	6
18	77491	(001224–	)	Handle, Rh	1
19	77492	(001224–	)	Handle, Center	1
20	77493	(001224–	)	Handle, Lh	1
21	64434	(001224–	)	Knob	3
22	70827	(001224–	)	Knob	3
23	70847	(001224–	)	Screw Set M 6X1.020	3
24	36556	(001224–	)	Bearing, Nylon .50B	3
25	06474A	(001224–	)	Pin,Clevis,0.50 Dia.X 3.50 Lg	1
26	77498	(001224–	)	Spacer, .90L	2
27	77499	(001224–	)	Spacer, .25 L	2
28	16455	(001224–	)	Ftg–Hyd Rst JM04/.047	1

Fig. 57 – Side Brush Group

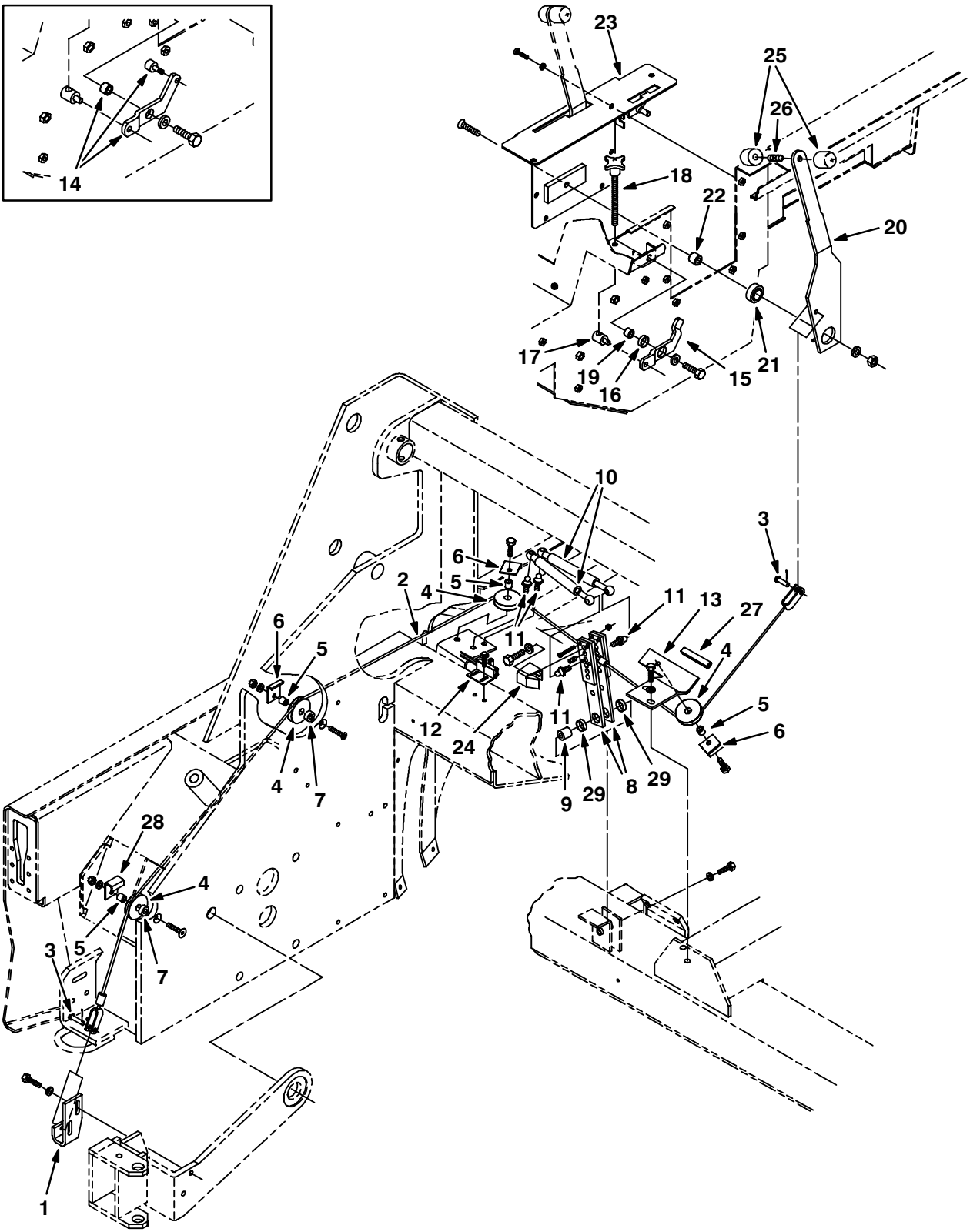


08508/07572

Fig. 57 – Side Brush Group

Ref.	Tennant Part No.	Machine Serial Number		Description	Qty.
1	62564	(000000–001477	)	Motor, Hyd, (Repl. by 79781) (See Breakdowns)	1
1	79781	(001478–	)	Motor, Hyd, (See Breakdowns)	1
2	47508	(000000–	)	Ftg–Hyd Str Jm06/Om10	2
3	42207	(000000–	)	Ftg–Hyd Str Jm08/Jm06	2
4	21224	(001321–	)	Guard Wldt, Side Brush	1
5	21238	(001321–	)	Guard, Side Brush	1
6	65168	(000000–	)	Bracket, Mounting, Motor	1
7	65174	(000000–	)	Spacer	6
8	65170	(000000–	)	Bracket, Pivot	1
9	70521	(000000–	)	Bracket, Lift	1
10	70627	(000000–	)	Bearing	1
11	70526	(000000–	)	Shaft, Pivot	1
12	70524	(000000–	)	Washer, 1.300B 3.000	1
13	70525	(000000–	)	Spacer	1
14	36328	(000000–	)	Washer–Belleville .50 Pltd	1
15	04761	(000000–	)	Bearing, Flange .875 Bore	2
16	70431	(000000–	)	Pin	1
17	70626	(000000–	)	Bolt–Eye M8–1.25	2
18	65160	(000000–	)	Spring, Extension	2
19	65173	(000000–	)	Bracket, Spring	1
20	65180	(000000–	)	Spring, Comp	1
21	70532	(000000–	)	Cable, Retaining, Side Brush	1
22	86328	(000000–	)	Clamp, Cable 1.5 Dia	1
23	21035	(000000–	)	Pin Assy, .312X3.0 W/Lanyard	1
24	75028	(000000–	)	Sleeve, Nylon #27 65.0L	1
25	74059	(000000–	)	Spacer	1
26	74060	(000000–	)	Bracket, Angle	1
27	49263	(000000–	)	Tie Cable 3.00D Max 11.41Lg	1
28	06537	(000000–	)	Screw–Hex M10X1.5	1
29	76438	(000000–	)	Screw–Hex M10X1.5 90 Full Thd	1
30	21239	(000000–001320	)	Guard, Side Brush Repl Kit Rh	1
31	21215	(001321–	)	Plate, Angle	1
32	79123	(000000–	)	Spring, Torsion , Rh	1
33	44906	(000000–	)	Pin,Hair Cotter #Lhcot–2,Leitk	1

Fig. 58 – Side Brush Lift Group

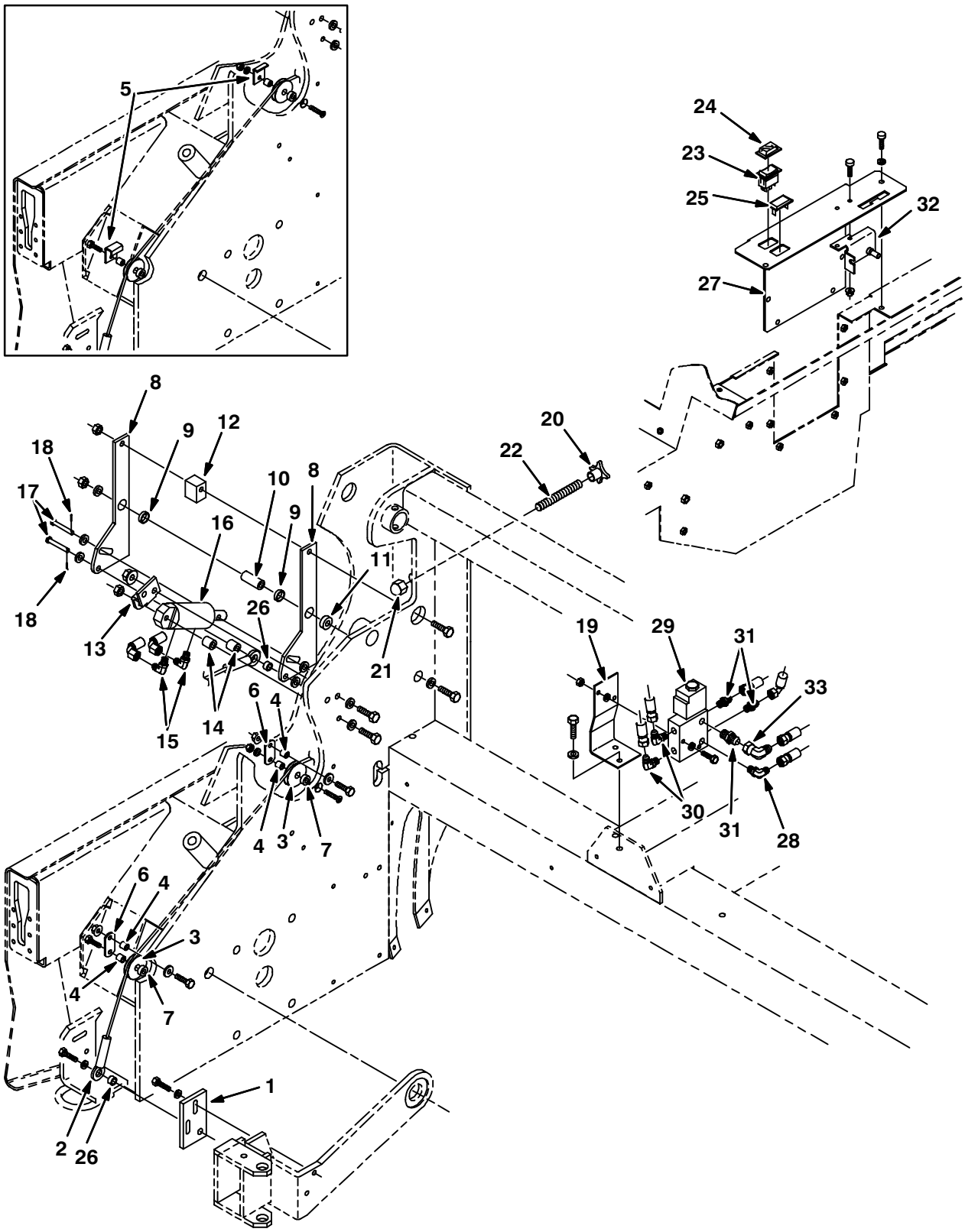


08550/07615

Fig. 58 – Side Brush Lift Group

Ref.	Tennant Part No.	Machine Serial Number	Description	Qty.
1	73856	(000000–001176)	Bracket, Channel	1
2	65294	(000000–001176)	Cable Assy, Side Brush, Lift	1
3	69582	(000000–001176)	Pin,Clevis,0.31 Dia X 1.00 Lg	2
4	58279	(000000–001176)	Pulley – Cable, 1.5 Dia	4
5	56624	(000000–001176)	Spacer, Pulley	4
6	54400	(000000–001176)	Angle, Cable Keeper	3
7	73737	(000000–001176)	Sleeve, .375B .75D .32 Stl	2
8	74031	(000000–001176)	Lever Wldt	2
9	73818	(000000–001176)	Sleeve, .375B .75D .75 Stl	1
10	73714	(000000–001176)	Gas Spring	2
11	58494	(000000–001176)	Stud, Ball, Gas Spring	4
12	59962	(000000–001176)	Switch, Roller	1
13	70715	(000000–001176)	Plate, Angle	1
14	76339	(000000–001065)	Side Brush Lever Adjustmt Kit	1
15	75893	(001066–001176)	Lever	1
16	74090	(001066–001176)	Bearing	1
17	70444	(000000–001176)	Rod, Cam Adjuster	1
18	54848	(000000–001176)	Knob, Adjusting	1
19	75894	(001066–001176)	Spacer	1
20	73860	(000000–001176)	Handle	1
21	54663	(000000–001176)	Bearing, Self Aligning	1
22	70720	(000000–001176)	Spacer	1
23	70861	(000000–001176)	Plate Wldt, Cover	1
24	76619	(000000–001176)	Bracket	1
25	75857	(000000–001176)	Knob, Handle, Threaded	2
26	75859	(000000–001176)	Rod–Thread, Full M10X1.5 X1.50	1
27	74068	(000000–001176)	Molding, Trim 3/16–5/16 2.75	1
28	74899	(000000–001176)	Bracket, Cable Keeper	1
29	74090	(000000–001176)	Bearing	2

Fig. 59 – Side Brush Lift Group

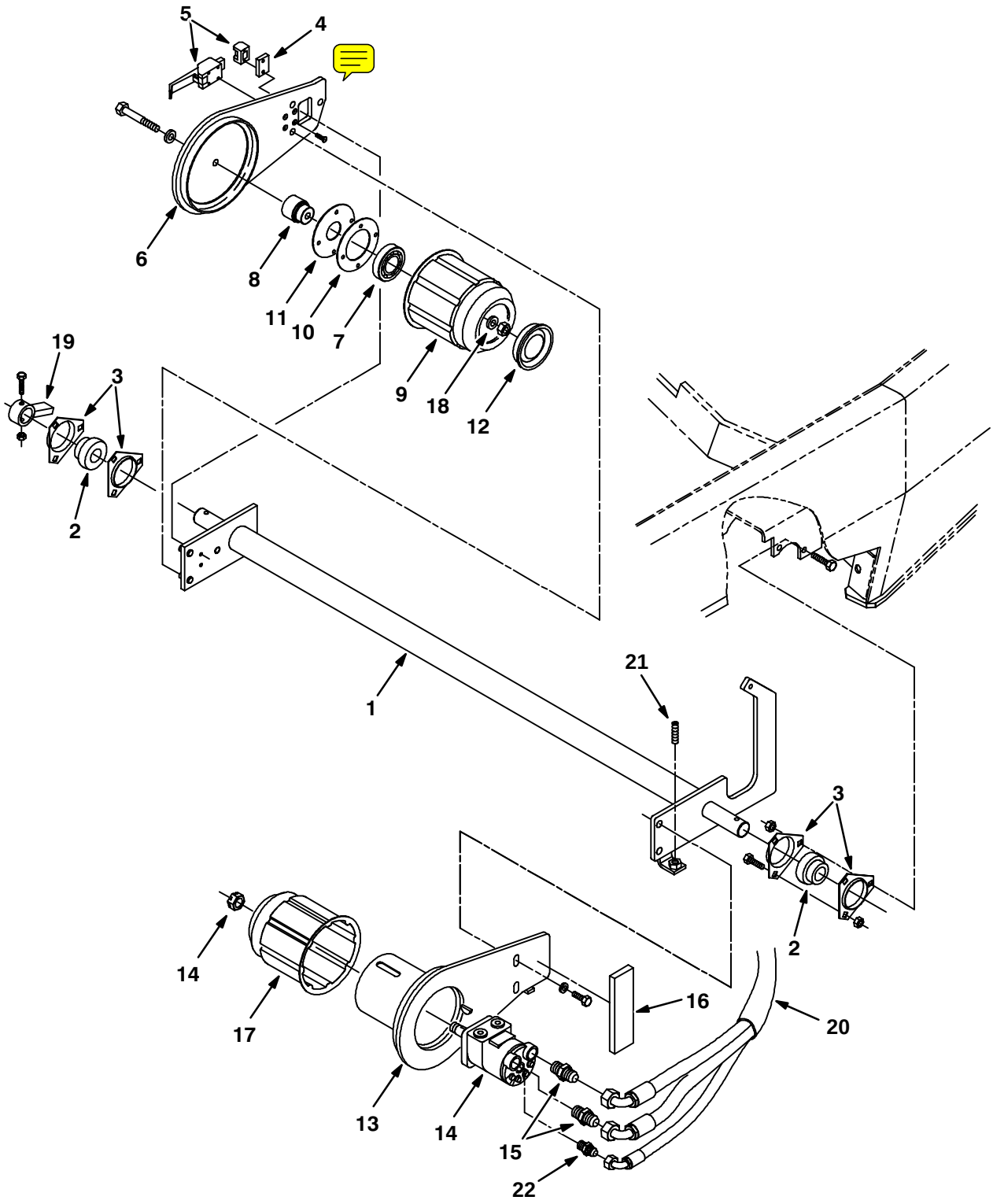


08967/07615

Fig. 59 – Side Brush Lift Group

Ref.	Tennant Part No.	Machine Serial Number		Description	Qty.
1	77669	(001177–	)	Plate Wldt	1
2	77568	(001177–	)	Cable, Side Brush, Lift	1
3	74391	(001177–	)	Pulley Assy, Cable, 1.5 Dia	2
4	56624	(001177–	)	Spacer, Pulley	4
5	79117	(001177–	)	Retainer Replacement Kit	2
6	79115	(001177–	)	Plate, Side Brush Roller	1
7	73737	(001177–	)	Sleeve, .375B .75D .32 Stl	2
8	77584	(001177–	)	Plate	2
9	74090	(001177–	)	Bearing	2
10	77597	(001177–	)	Sleeve, 0.406B 0.75D1.80 Stl	1
11	77727	(001177–	)	Sleeve, .438B 1.00D .35 Stl	1
12	77459	(001177–	)	Spacer	1
13	77601	(001177–	)	Plate, Angle	1
14	77600	(001177–	)	Sleeve,0.406B .750D .800 Stl	1
15	77097	(001177–	)	Ftg–Hyd E90 Jm04/Om04	2
16	77599	(001177–	)	Cylinder, Hyd 1.5B 1.5S 2500	1
17	51813	(001177–	)	Pin,Clevis,0.37 Dia.X 2.12 Lg	2
18	08179	(001177–	)	Pin, Cotter .094X1.00	2
19	21231	(001177–	)	Plate	1
20	77605	(001177–	)	Knob, Plastic	1
21	41131	(001177–	)	Nut Low Crown .62–18	1
22	77682	(001177–	)	Rod, Thread	1
23	65561	(001177–	)	Switch Rocker Spst	1
24	57807	(001177–	)	Cover, Rocker Switch Seal	1
25	57772	(001177–	)	Plate–Cover	1
26	65174	(001177–	)	Spacer	2
27	21113	(001177–	)	Plate, Cover	1
28	56820	(001177–	)	Ftg–Hyd E90	1
29	77771	(001177–001699	)	Valve, Hyd Solenoid	1
29	84016	(001700–	)	Valve, Hyd Solenoid (See Breakdowns)	1
30	77097	(001177–	)	Ftg–Hyd E90 Jm04/Om04	2
31	56690	(001177–	)	Ftg–Hyd str	3
32	77693	(001177–	)	Plate Wldt, Angle	1
33	47504	(001177–	)	Ftg–Hyd E90	1

Fig. 60 – Main Brush Drive Group

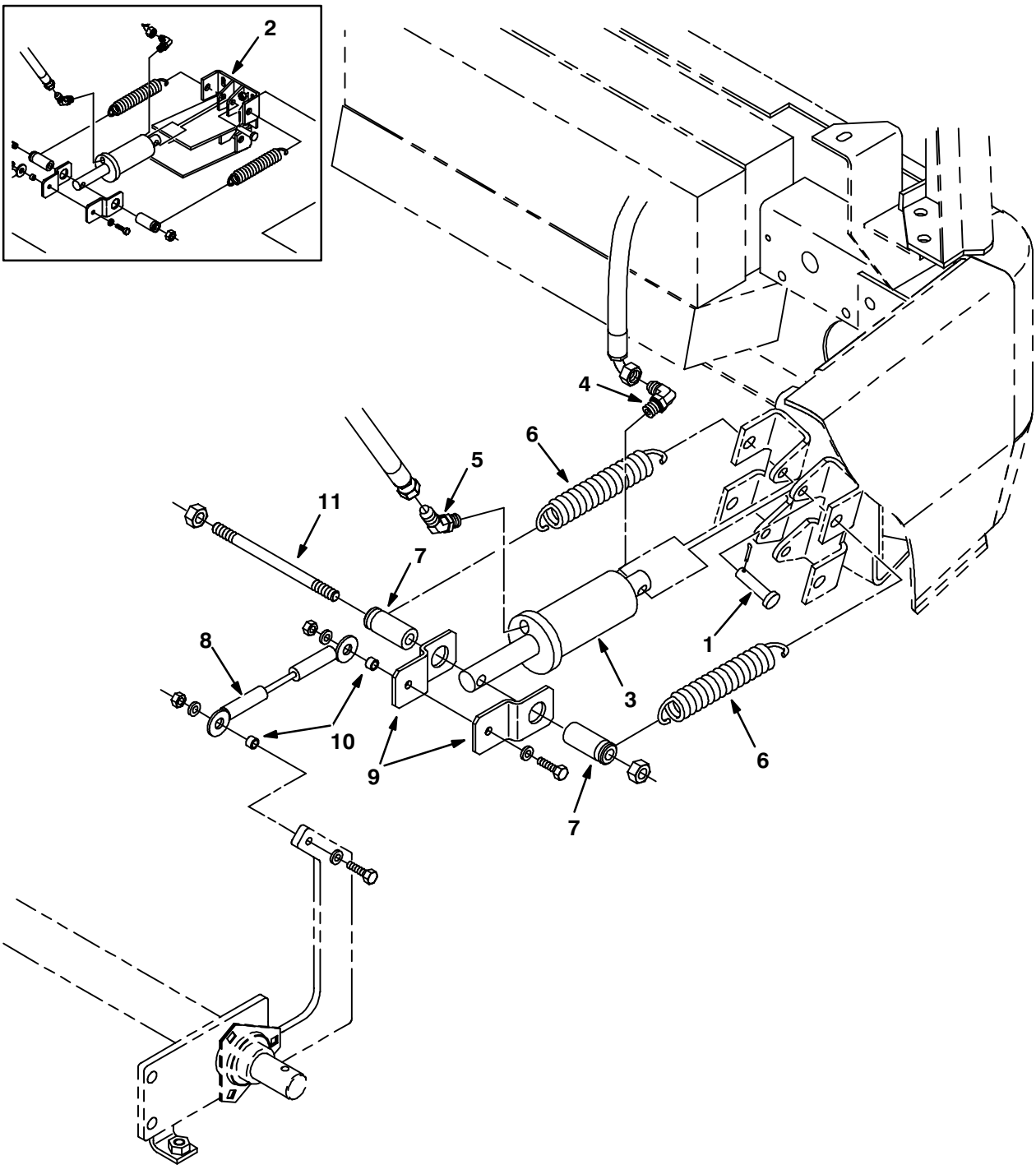


08505/07569

Fig. 60 – Main Brush Drive Group

Ref.	Tennant Part No.	Machine Serial Number	Description	Qty.
1	63436	(000000–)	Shaft Wldt, Main Brush	1
2	51448	(000000–)	Bearing&Clr ,1.25B 2.44D 1.41W	2
3	51449	(000000–)	Flange,Brg,3 Hole	4
4	63541	(000000–)	Plate, Mtg, Latch	1
5	54878	(000000–)	Latch	1
6	63449	(000000–)	Arm Wldt, M Br, Idler	1
7	24899	(000000–)	Bearing–Ball,1.38B 2.83D 0.67W	1
8	30251	(000000–)	Shaft, Idler	1
9	55779	(000000–)	Plug Wldt, Idler	1
10	30252	(000000–)	Strip, Retainer, Bearing	1
11	30253	(000000–)	Plate, Seal	1
12	30255	(000000–)	Plug, Tube	1
13	63450	(000000–)	Arm Wldt, M Br, Motor	1
14	53434	(000000–)	Motor–Hyd Gear In (See Breakdowns)	1
15	44869	(000000–)	Ftg–Hyd Str Jm08/Om08	2
16	60732	(000000–)	Seal, Foam	1
17	87631	(000000–)	Plug Weld, Brush Drive, Sweep	1
18	51564	(000000–)	Washer, .531B 1.75D .12Cr.Znc	1
19	64811	(000000–)	Bar Wldt, Brush Pressure	1
20	34330	(000000–)	Sleeve, Hyd 30”	1
21	75612	(000000–)	Screw, Set	1
22	55586	(000000–)	Ftg–Hyd Str	1

Fig. 61 – Main Brush Lift Group

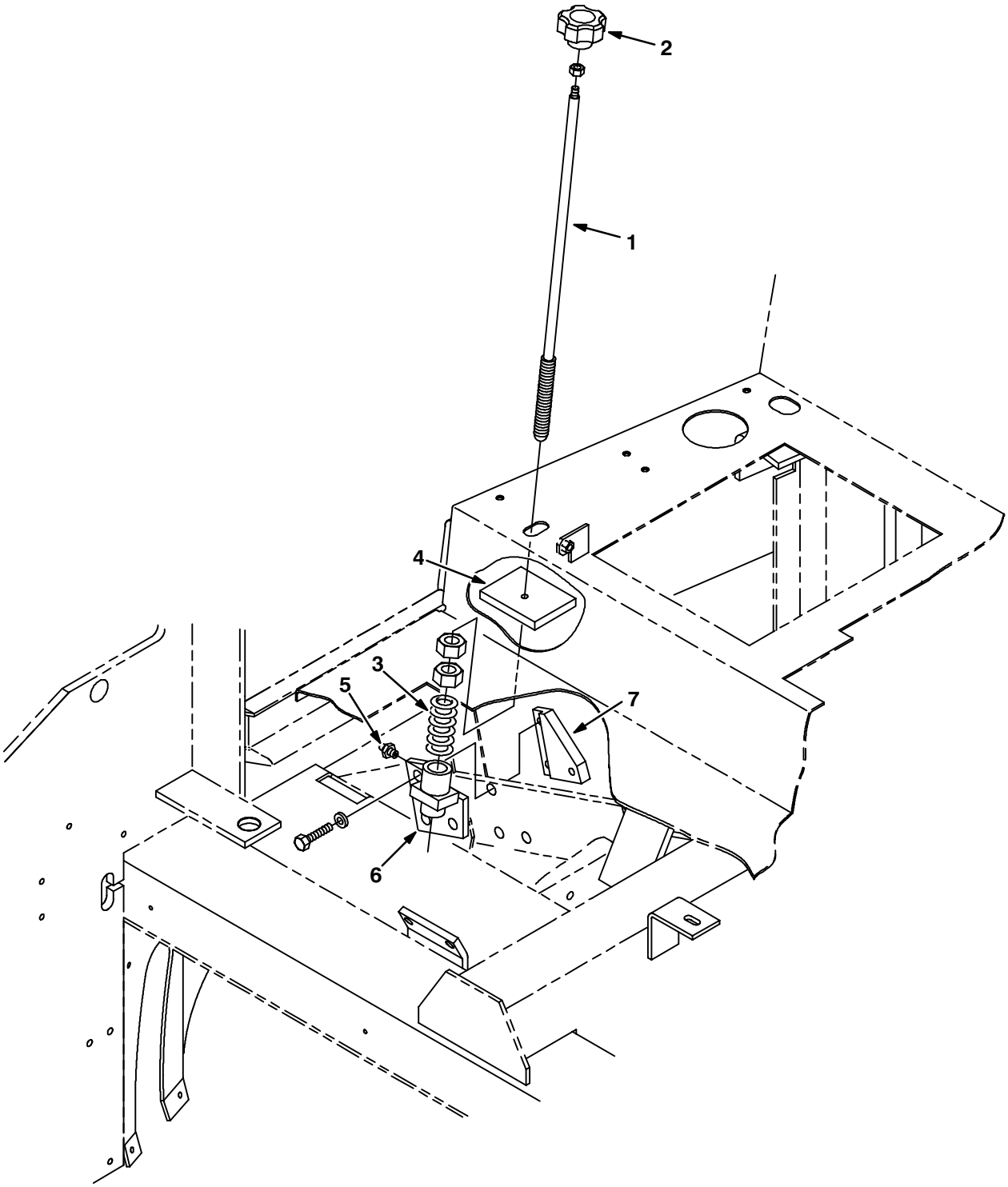


08515/07579

Fig. 61 – Main Brush Lift Group

Ref.	Tennant Part No.	Machine Serial Number		Description	Qty.
1	51534	(000000–	)	Pin,Clevis,0.50 Dia.X 2.00 Lg	1
2	64034	(000000–001131	)	Bracket Wldt, Lift, Cylinder	1
3	54096	(000000–	)	Cylinder, Hyd	1
4	77097	(000000–	)	Ftg–Hyd E90 Jm04/Om04	1
5	34359	(000000–	)	Ftg–Hyd E45 Jm04/Om04	1
6	33404	(000000–	)	Spring, Tension	2
7	64132	(000000–	)	Tube, Retainer, Spring	2
8	64233	(000000–	)	Cable, Lift, Main Brush	1
9	65248	(000000–	)	Bracket, Brush Lift, Main	2
10	65249	(000000–	)	Tube, Spacer, Brush Lift	2
11	70583	(000000–	)	Rod, Threaded .50–13	1

Fig. 62 – Main Brush Adjustment Group

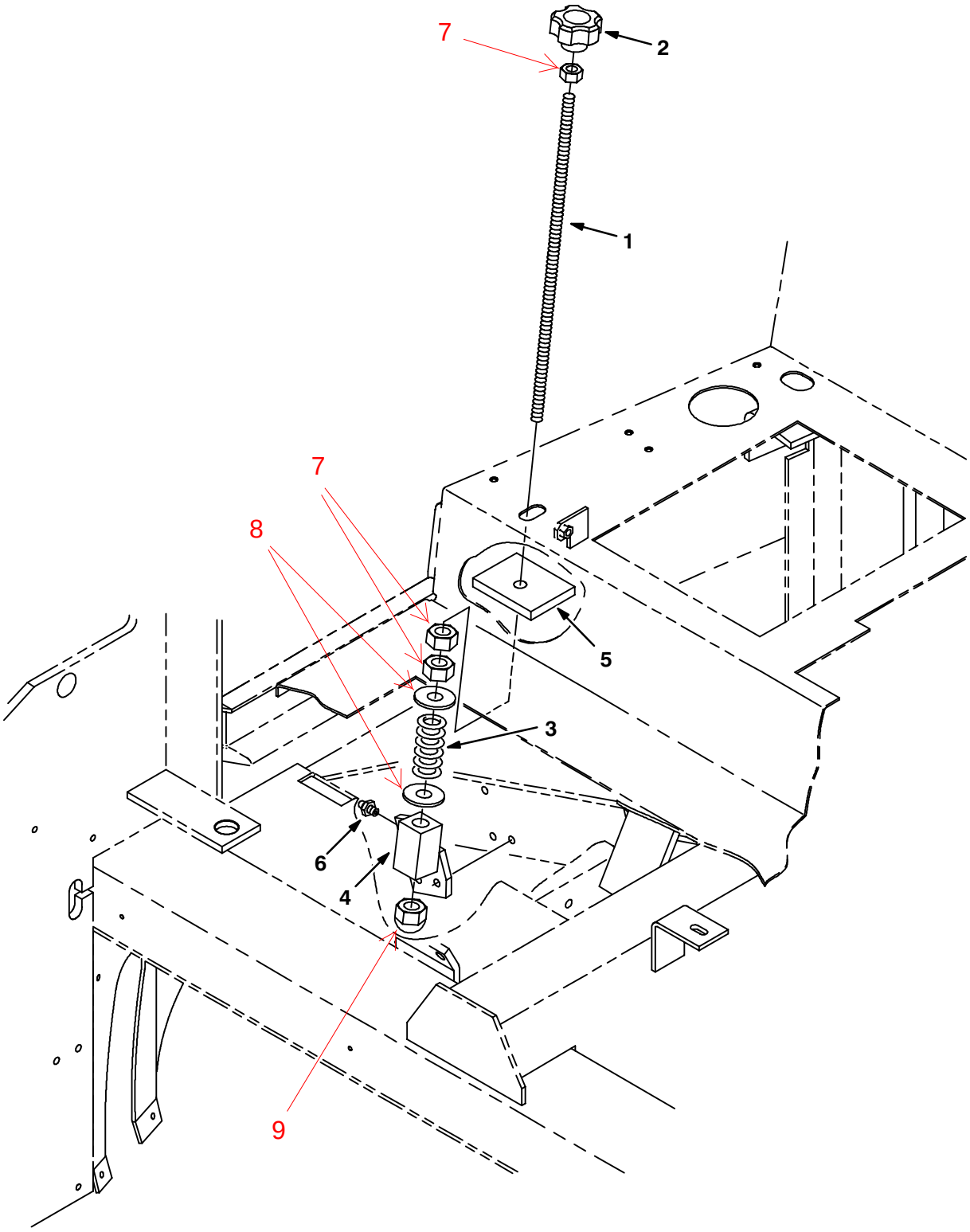


08547/07612

Fig. 62 – Main Brush Adjustment Group

Ref.	Tennant Part No.	Machine Serial Number	Description	Qty.
1	64812	(000000–001164)	Rod Wldt, Brush Pressure	1
2	41341	(000000–001164)	Knob, Plastic	1
3	51693	(000000–001164)	Sprng,Comp,0.87Idx.10Wire 2.5L	1
4	73762	(000000–001157)	Seal, Rod, Brush Pressure	1
5	50270	(000000–001164)	Ftg, Grease .12Nptf–Str	1
6	74005	(000000–001164)	Plate Wldt, Adj, Brush	1
7	74025	(000000–001164)	Plate, Tapped	1

Fig. 63 – Main Brush Adjustment Group

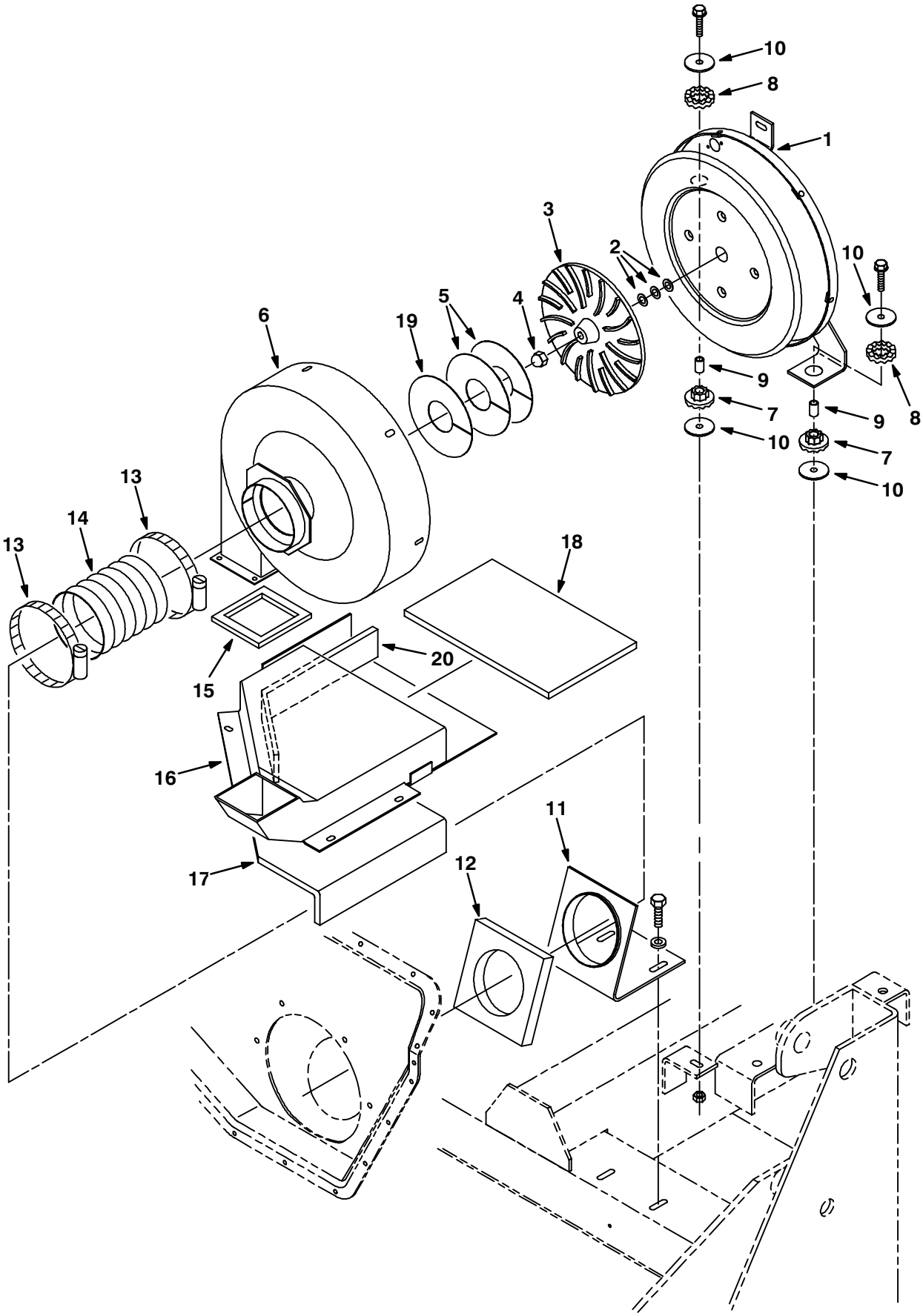


09815/09816

Fig. 63 – Main Brush Adjustment Group

Ref.	Tennant Part No.	Machine Serial Number		Description	Qty.
1	77578	(001165–	)	Rod, Thread	1
2	77605	(001165–	)	Knob, Plastic	1
3	51693	(001165–	)	Sprng,Comp,0.87Idx.10Wire 2.5L	1
4	77580	(001165–	)	Plate, Adj, Brush	1
5	79028	(001158–	)	Seal, Rod, Adjuster	1
6	11716	(001165–	)	Ftg, Grease.12 Npt 45 .88L	1
7	77583	(001165-	)	Nut, Hex Std	3
8	15331	(001165-	)	Washer, Flat	2
9	41131	(001165-	)	Nut, Low Crown	1

Fig. 64 – Vacuum Fan Impeller Group

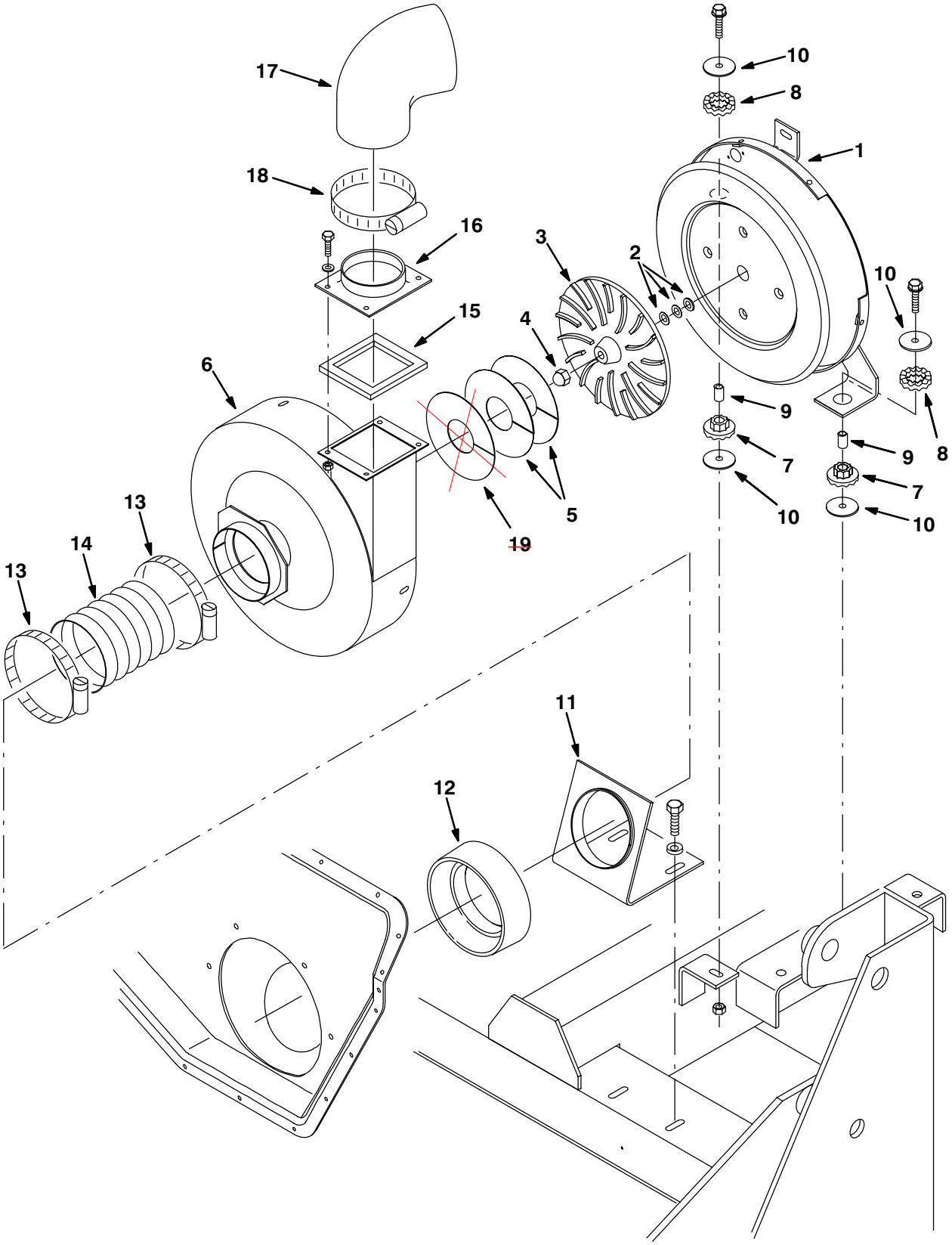


08526/07590

Fig. 64 – Vacuum Fan Impeller Group

Ref.	Tennant Part No.	Machine Serial Number	Description	Qty.
1	64648	(000000–001204)	Housing Wldt, Vac Fan, Rear	1
2	75456	(000000–001204)	Shim,.003Th 0.88Odx0.506Id	1
2	75456–1	(000000–001204)	Shim..005Th 0.88Odx0.506Id	1
2	75456–2	(000000–001204)	Shim,.010Th 0.88Odx0.506Id	1
2	75456–3	(000000–001204)	Shim,.020Th 0.88Odx0.506Id	3
2	75456–4	(000000–001204)	Shim,.060Th 0.880Dxo.506Id	3
3	03922	(000000–001204)	Impeller 9.5 Dia. 18 Blade Mac	1
4	41130	(000000–001204)	Nut–Low Crown .50–20 Pltd	1
5	57543	(000000–001204)	Shim, Vac Fan Assy	2
6	70784	(000000–001204)	Housing Wldt, Vac Fan, Front	1
7	64621	(000000–001204)	Bushing, Isolator	2
8	64618	(000000–001204)	Ring, Isolator, Outer, Rbr	2
9	64299	(000000–001204)	Spacer	2
10	58228	(000000–001204)	Plate, Spring – Side Brush	4
11	70825	(000000–001204)	Bracket Wldt, Fan Inlet	1
12	74023	(000000–001204)	Gasket, Duct	1
13	73685	(000000–001204)	Clamp, Worm Drive 3.62–5.50	2
14	73646	(000000–001204)	Hose, Fan Inlet	1
15	73650	(000000–001204)	Insulation, Acoustic, Fan	1
16	70652	(000000–001204)	Panel Wldt, Duct, Vac Fan	1
17	70857	(000000–001204)	Insulation, Acoustic, Vac Fan	1
18	74009	(000000–001204)	Insulation, Acoustic,Vac Fan	1
19	31504	(000000–001204)	Shim, Vac Fan Assy	1
20	70877	(000000–001204)	Insulation, Acoustic, Vac Fan	1

Fig. 65 – Vacuum Fan Impeller Group

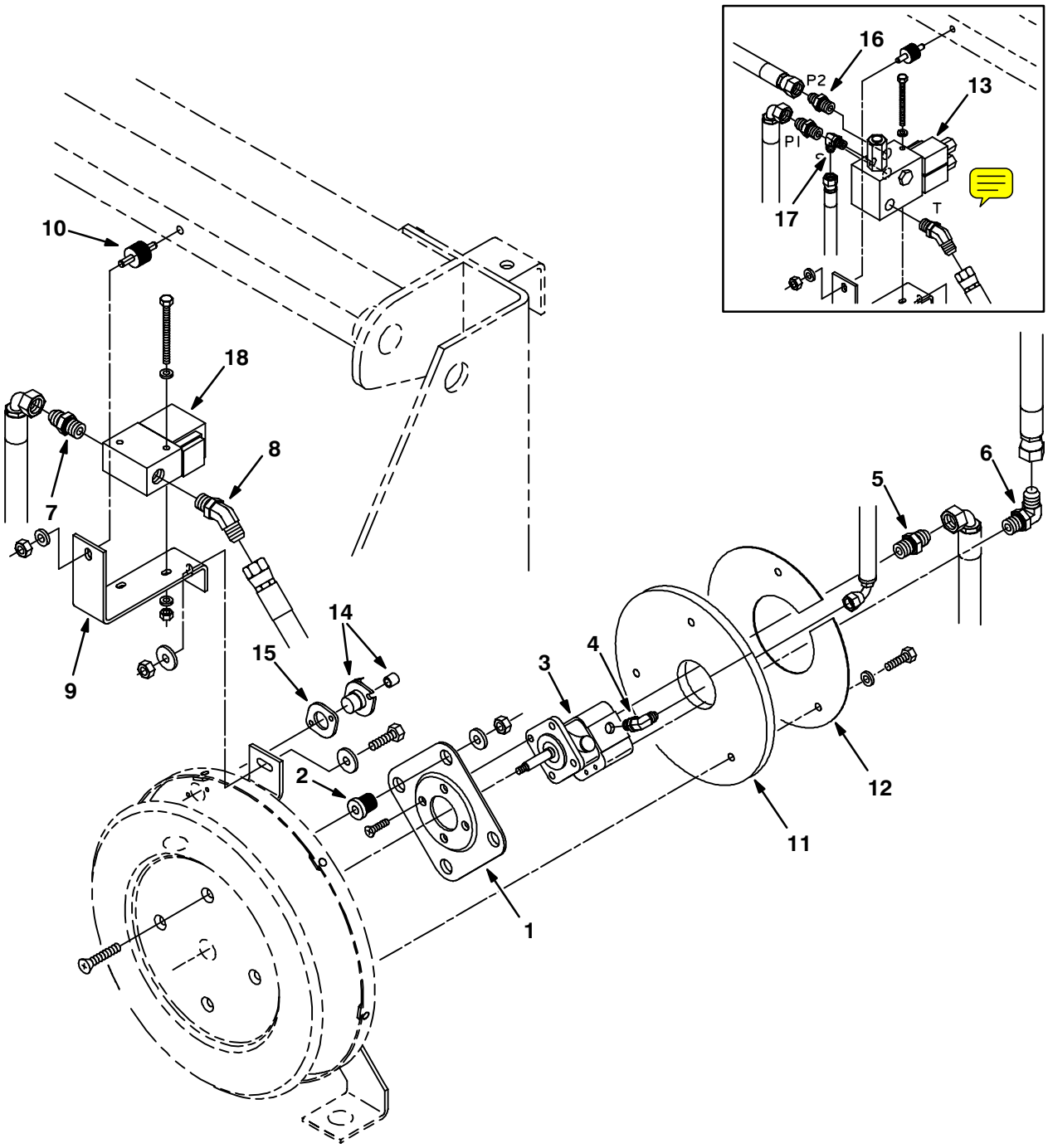


09817/07590

Fig. 65 – Vacuum Fan Impeller Group

Ref.	Tennant Part No.	Machine Serial Number		Description	Qty.
1	77531	(001205–	)	Housing Wldt, Vac Fan, Rear	1
2	75456	(001205–	)	Shim .003Th 0.88Odx0.506Id	1
2	75456–1	(001205–	)	Shim .005Th 0.88Odx0.506Id	1
2	75456–2	(001205–	)	Shim .010Th 0.88Odx0.506Id	1
2	75456–3	(001205–	)	Shim .020Th 0.88Odx0.506Id	3
2	75456–4	(001205–	)	Shim .060Th 0.880Dxo.506Id	3
3	03922	(001205–	)	Impeller 9.5 Dia. 18 Blade Mac	1
4	41130	(001205–	)	Nut–Low Crown .50–20 Pltd	1
5	58114	(001205–	)	Fan, Repair Kit, Reassembly	1
6	77532	(001205–	)	Housing Wldt, Vac Fan, Front	1
7	64621	(001205–	)	Bushing, Isolator	2
8	64618	(001205–	)	Ring, Isolator, Outer Rbr	2
9	64299	(001205–	)	Spacer	2
10	58228	(001205–	)	Plate, Spring – Side Brush	4
11	70825	(001205–	)	Bracket Wldt, Fan Inlet	1
12	79122	(001205–	)	Gasket, Vac Fan	1
13	73685	(001205–	)	Clamp–Wormdrive, 3.62– 5.50D	2
14	73646	(001205–	)	Hose, Fan Inlet	1
15	73650	(001205–	)	Insulation, Acoustic, Fan	1
16	77553	(001205–	)	Plate, Vac Fan	1
17	77591	(001205–	)	Elbow, 90, Rubber	1
18	23498	(001205–	)	Clamp–Wormdrive, 2.63– 4.50D	1
~~19~~	~~31504~~	~~(001205–~~	~~)~~	~~Shim Vac Fanassy~~	~~1~~

Fig. 66 – Vacuum Fan Motor Group

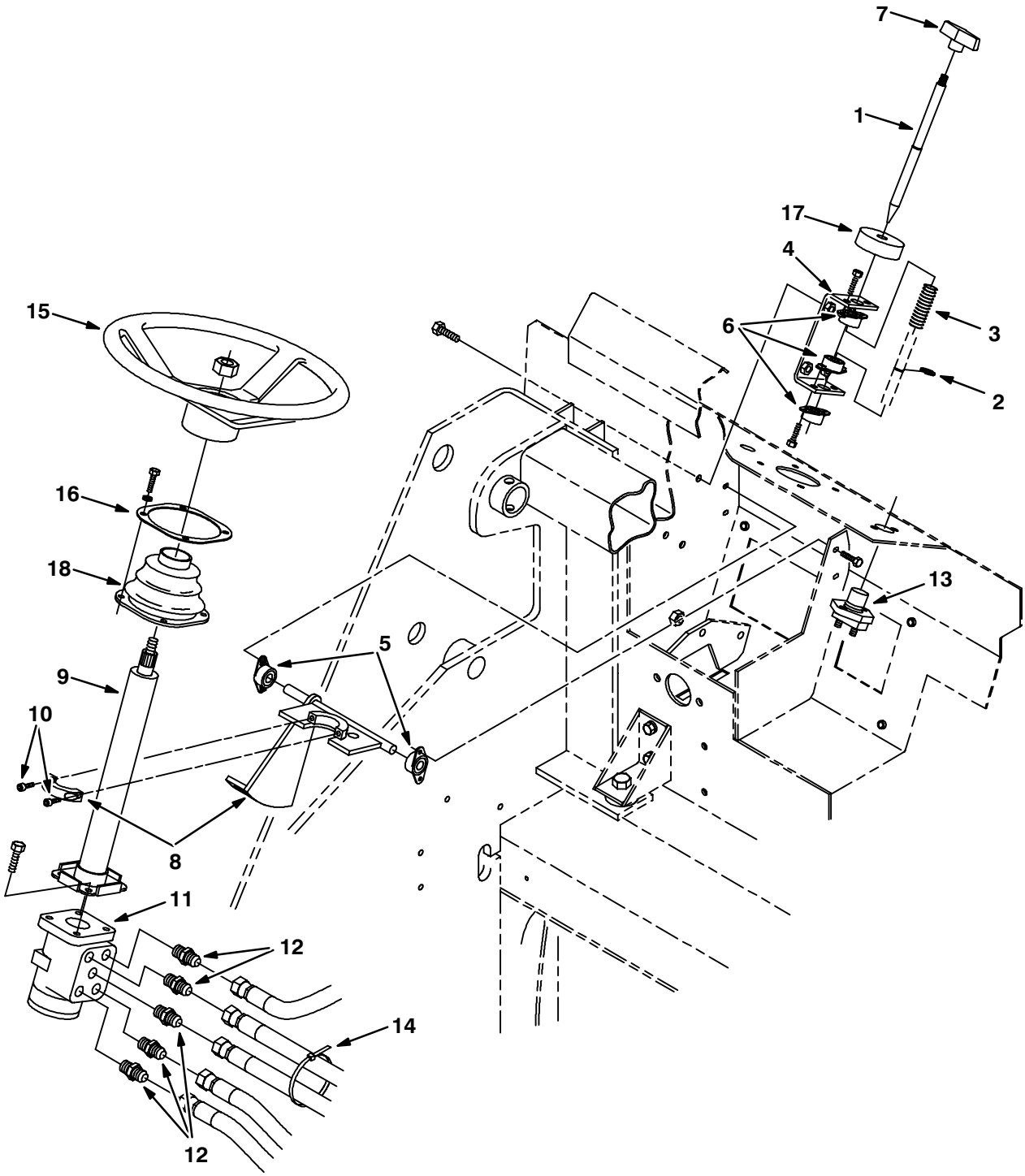


08542/07607

Fig. 66 – Vacuum Fan Motor Group

Ref.	Tennant Part No.	Machine Serial Number		Description	Qty.
1	54275A	(000000–	)	Bracket, Mounting Motor	1
2	54274	(000000–	)	Isolator–Vibration,60 Lb.Ratng	4
3	19117	(000000–	)	Motor–Hyd Gear Ex (See Breakdowns)	1
4	77097	(000000–	)	Ftg–Hyd E90 Jm04/Om04	1
5	56692	(000000–	)	Ftg–Hyd Str Jm08/Om10	1
6	56821	(000000–	)	Ftg–Hyd E90 Jm08/Om10	1
7	44869	(000000–	)	Ftg–Hyd Str Jm08/Jm08	1
8	42226	(000000–	)	Ftg–Hyd E45 Jm08/Om08	1
9	70775	(000000–	)	Bracket, Mtg, Valve	1
10	05611	(000000–	)	Isolator, Vibration	1
11	70810	(000000–	)	Insulation, Acoustic, Vac Fan	1
12	70790	(000000–	)	Plate, Retainer, Foam	1
13	65239	(000000–001102	)	Valve–Hyd, Solenoid	1
14	02713	(000000–	)	Thermostat Assembly, 155 Deg	1
15	82733	(000000–	)	Gasket, Fire Switch	1
16	52402	(000000–001102	)	Ftg–Hyd Str Jm08/Jm06	1
17	77097	(000000–001102	)	Ftg–Hyd E90 Jm04/Om04	1
18	65391	(001103–001699	)	Valve–Hyd, Solenoid (See Breakdowns)	1
18	84015	(001700–	)	Valve–Hyd, Solenoid (See Breakdowns)	1

Fig. 67 – Steering Group

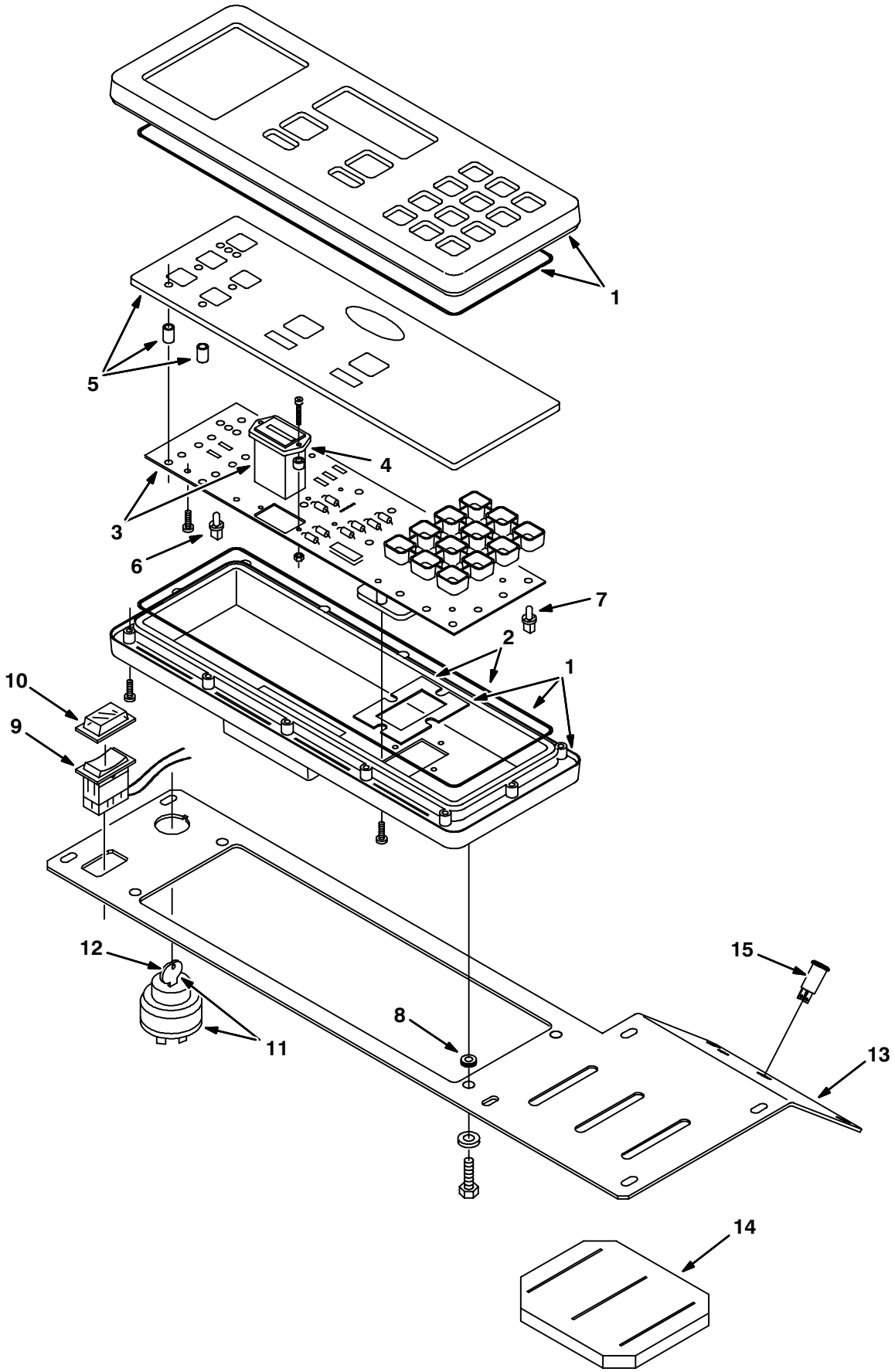


08544/07609

Fig. 67 – Steering Group

Ref.	Tennant Part No.	Machine Serial Number		Description	Qty.
1	64651	(000000–	)	Rod, Latch, Steering, Tilt	1
2	70717	(000000–	)	Ring,Retain,Ex,0.50Od,Heavy Dt	1
3	22290	(000000–	)	Sprng,Comp,0.62Idx.06Wire 2.3L	1
4	64655	(000000–	)	Channel, Mtg, Steering Latch	1
5	70709	(000000–	)	Bearing, Flange .500B	2
6	47585	(000000–	)	Bearing–Flange,2 Hole 0.50Bore	3
7	04706	(000000–	)	Handle, Lift, Brush	1
8	64586	(000000–	)	Bracket Wldt, Steering Tilt	1
9	64631	(000000–	)	Column, Steering 12”	1
10	10829	(000000–	)	Scr Soc .38–16X0.75	2
11	62565	(000000–001148	)	Steer Control, Hyd	1
11	65242	(001149–	)	Steer Control, Hyd	1
12	56690	(000000–	)	Ftg–Hyd Str Jm06/Om06	5
13	44078	(000000–	)	Switch, Pushmom, Spst100A 12V	1
14	49263	(000000–	)	Tie, Cable 3.00D Max 11.41Lg	3
15	56398	(000000–	)	Wheel, Steering	1
16	70623	(000000–	)	Plate, Mtg, Steering Boot	1
17	75968	(000000–	)	Seal, Bearing	1
18	70622	(000000–	)	Seal, Boot, Steering Column	1

Fig. 68 – Instrument Panel Assembly

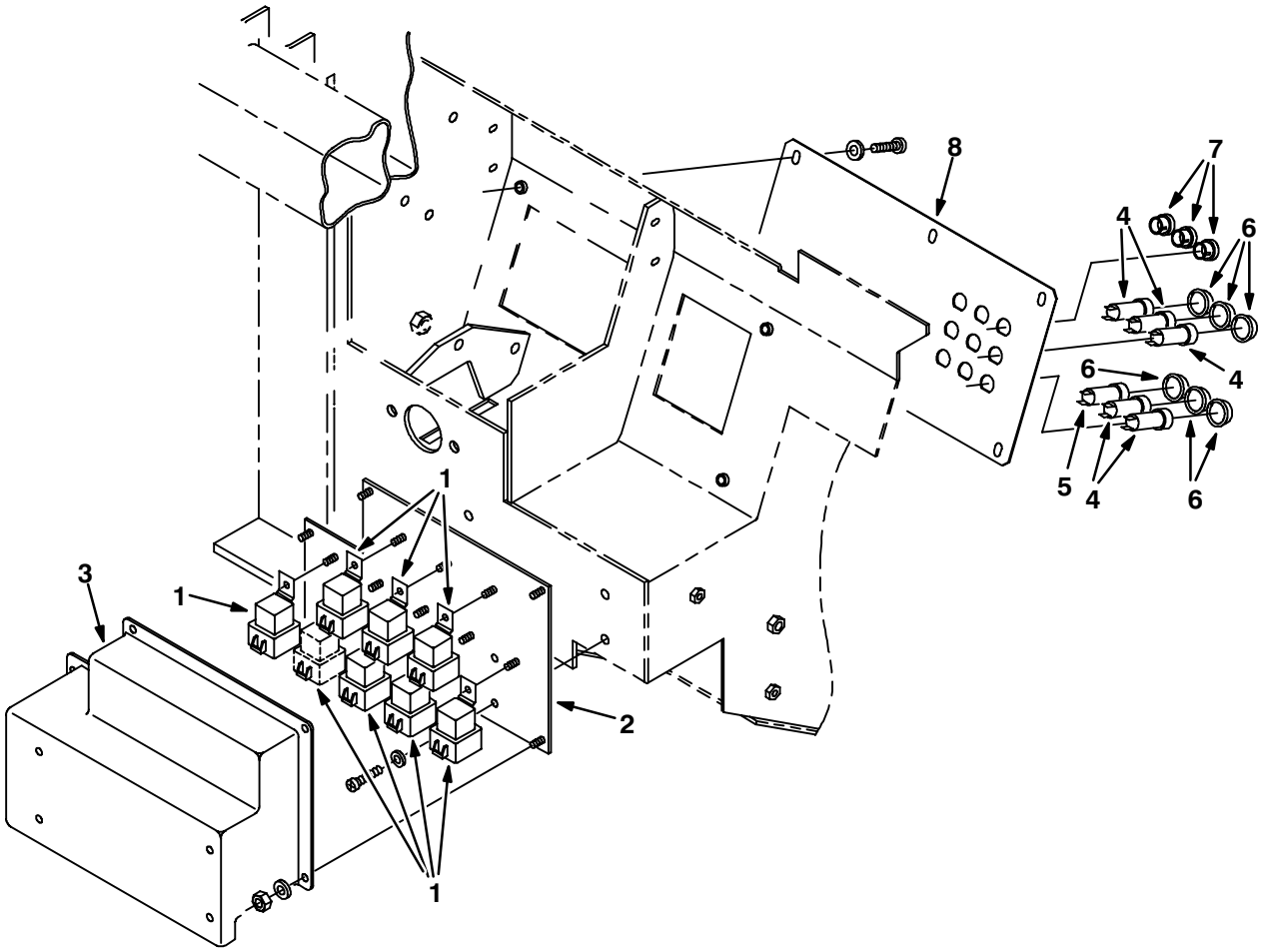


08545/07610

Fig. 68 – Instrument Panel Assembly

	Ref.	Tennant Part No.	Machine Serial Number		Description	Qty.
∇		59970	(000000–	)	Replm Kit, Instr Panel	1
	1	59976	(000000–	)	Replm Kit, Case	1
	2	59977	(000000–	)	Replm Kit, Seal	1
∇	3	59974	(000000–	)	Replm Kit, Cir Board	1
	4	59978	(000000–	)	Replm Kit, Hourmeter	1
	5	59979	(000000–	)	Replm Kit, Touch Panel	1
	6	59971	(000000–	)	Replm Kit, Lamp, Backlighting (Set of 8)	2
	7	56346	(000000–	)	Replm Kit, Lamp, Fault (Set of 8)	1
	8	10632–5	(000000–	)	Grommet,Rbr,0.25Id,For .09Matl	4
	9	61969	(000000–	)	Switch, Rocker, Dpdt	1
	10	57807	(000000–	)	Cover, Rocker Switch Seal	1
∇	11	87536	(000000–	)	Switch Ignition	1
	12	87866	(000000–	)	Key Set,Switch Ku	1
	~~13~~	~~72109~~	~~(000000–~~	~~)~~	~~Replm Kit, Sun Shield~~	~~1~~
	13 ~~14~~	65245	(000000–	)	Panel, Cover, Dash	1
	14 ~~15~~	70637	(000000–	)	Seal, Handle, Valve	1
	15 ~~16~~	34820	(000000–	)	IndicatorLight, Glow Plug	1

Fig. 69 – Circuit Breaker and Relay Group



08549/07614

Fig. 69 – Circuit Breaker and Relay Group

Ref.	Tennant Part No.	Machine Serial Number	Description	Qty.
1	56186	(000000–)	Relay, Shrouded, 12 Vdc	8
2	70398	(000000–)	Plate, Mtg, Relay	1
3	70402	(000000–)	Cover, Relay Panel	1
4	57803	(000000–)	Breaker–Circuit, 15 Resetbl	5
5	87583	(000000–)	Breaker–Circuit, 2.5 Resetbl	1
6	57751	(000000–)	Boot–Circuit Breaker	6
7	57167	(000000–)	Plugbtn .62H .03–.12 Blacknyl	3
8	70411	(000000–)	Plate, Circuit Breaker	1

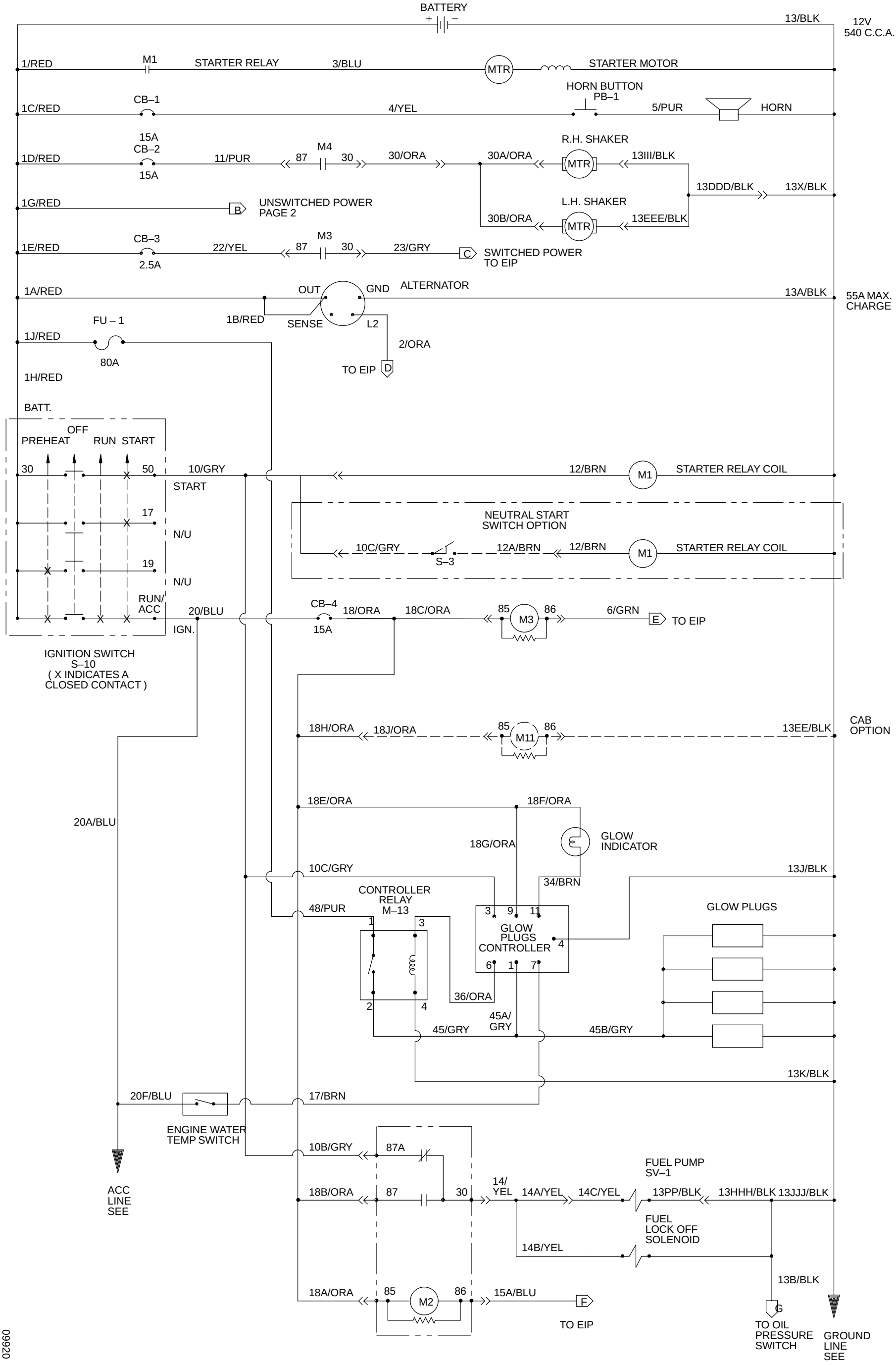


Fig. 70 – Electrical Schematic

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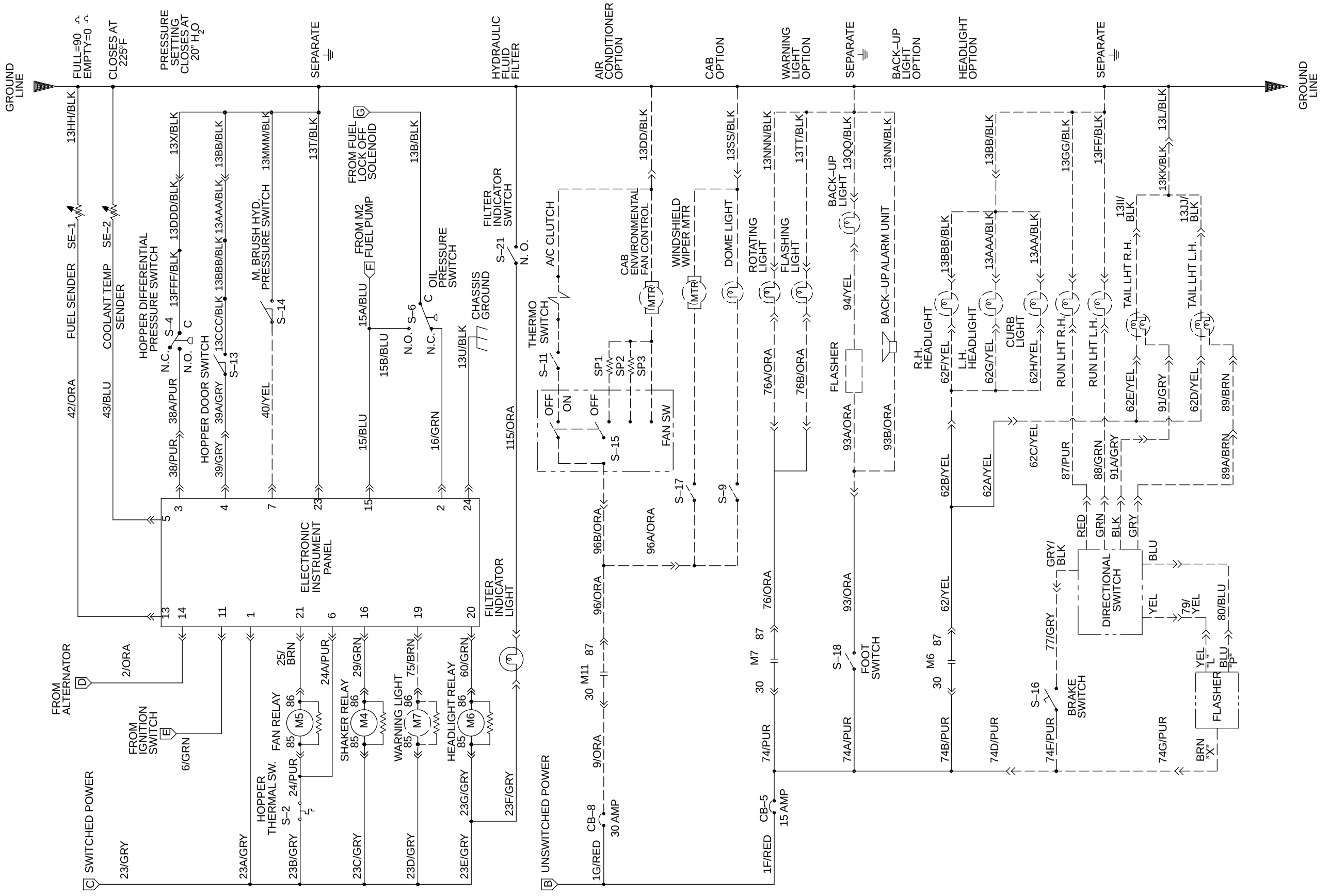
Fig. 70 – Electrical Schematic



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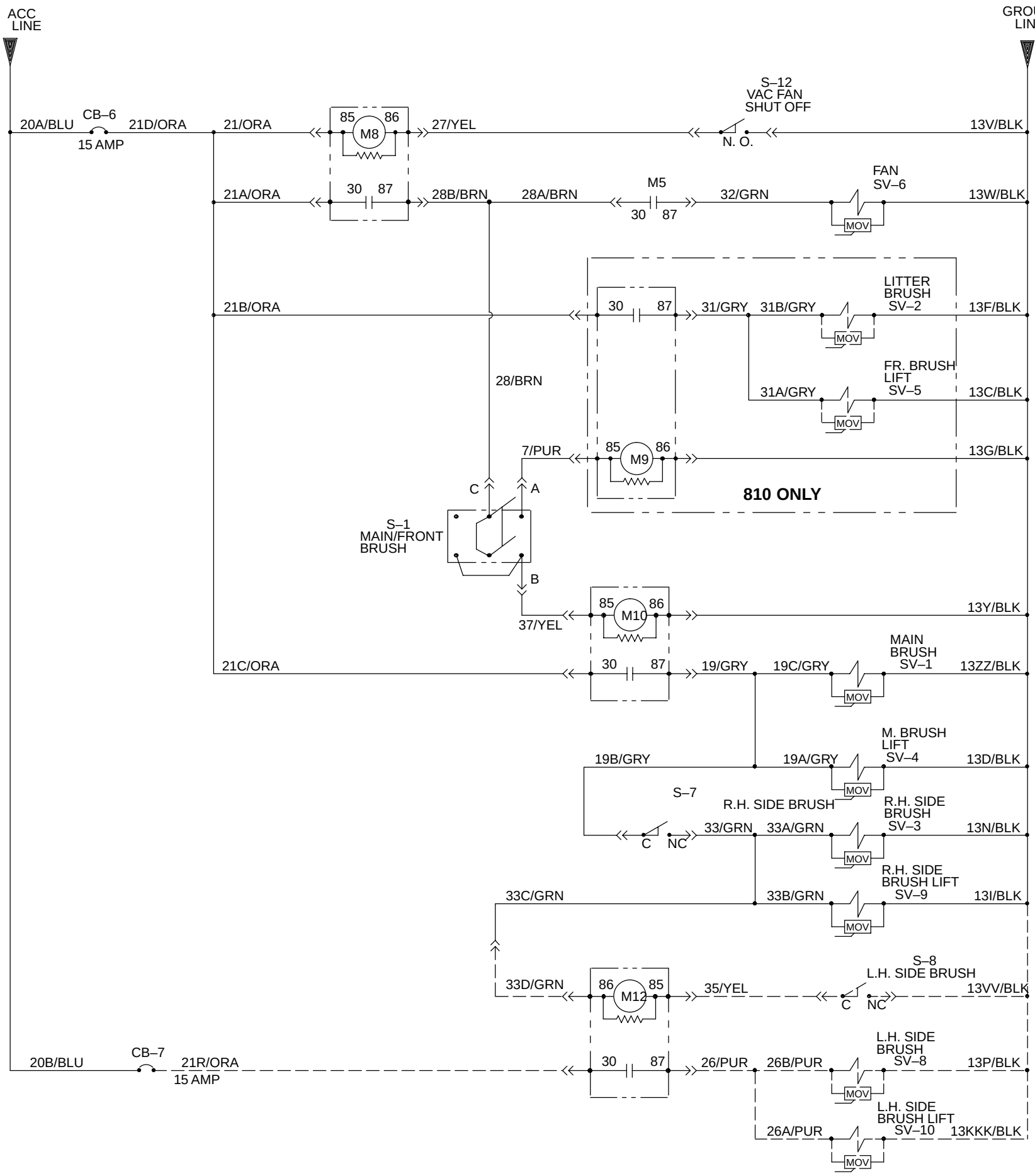

LEGEND			
M	POWER RELAY	HM	HOURMETER
MTR	MOTOR	SV	SOLENOID VALVE
CB	CIRCUIT BREAKER	S	SWITCH
PM	PERMANENT MAGNET	ACC	ACCESSORY
J	JACK–FEM. SOCKET	GND	GROUND CHASSIS
P	PLUG–MALE PIN	C	COMMON
PB	PUSHBUTTON	N.O.	NORMALLY OPEN
VM	VOLTMETER	N.C.	NORMALLY CLOSED
FU	FUSE	NOV	METAL OXIDE VARISTOR

Fig. 70 – Electrical Schematic

Home Find... Go To..

Fig. 70 – Electrical Schematic

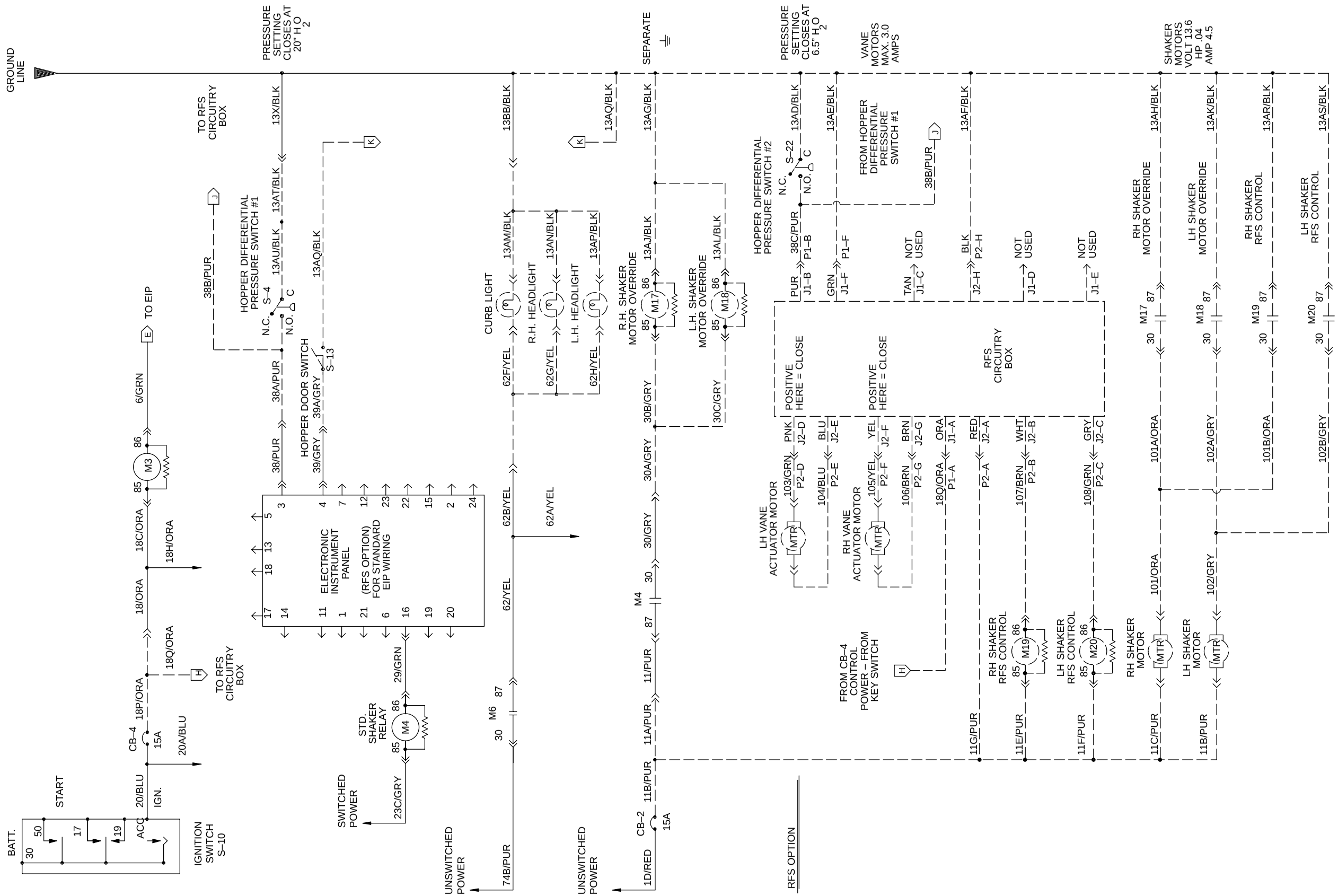

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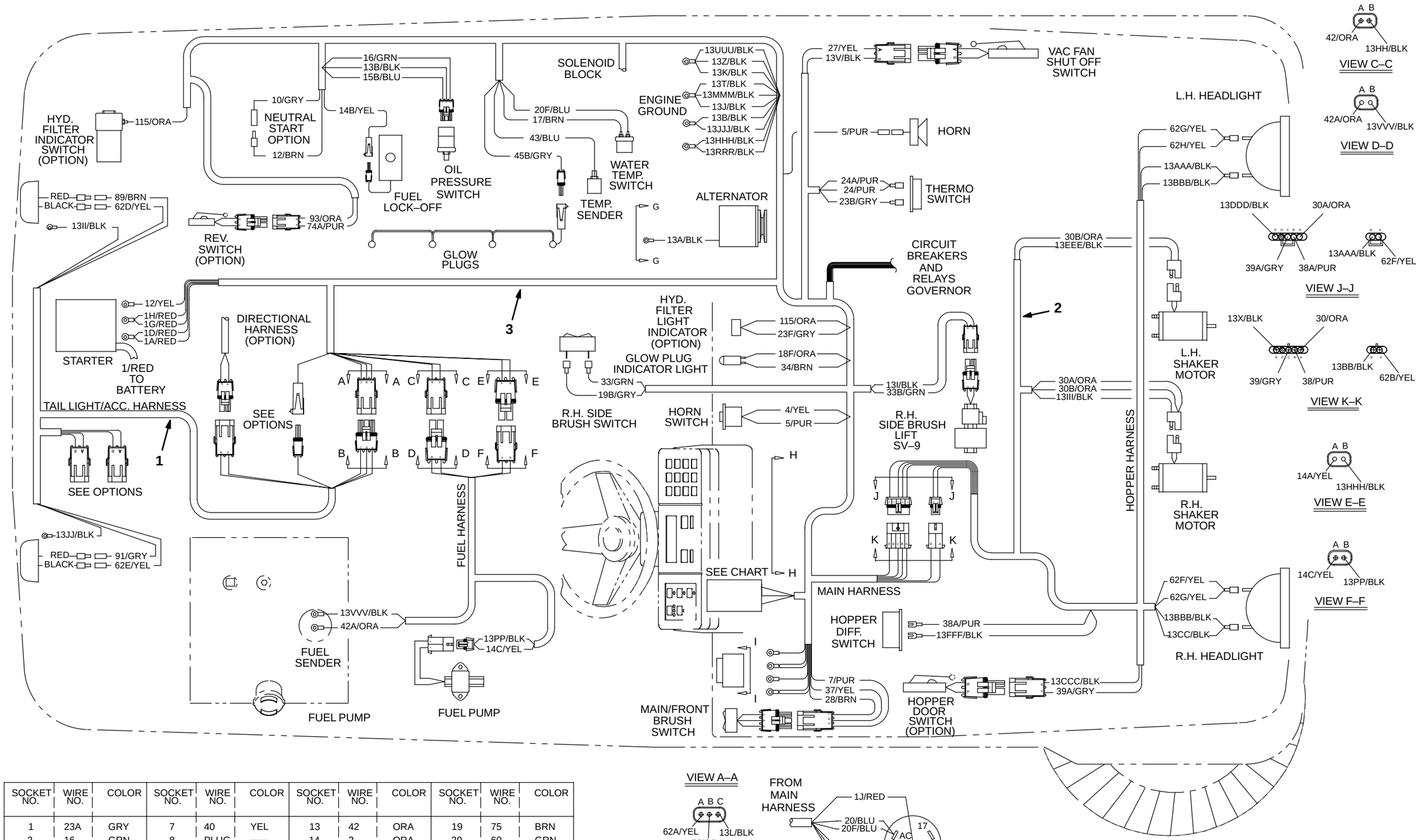
Fig. 71 – Wire Harnesses Group



SOCKET NO.	WIRE NO.	COLOR	SOCKET NO.	WIRE NO.	COLOR	SOCKET NO.	WIRE NO.	COLOR	SOCKET NO.	WIRE NO.	COLOR
1	23A	GRY	7	40	YEL	13	42	ORA	19	75	BRN
2	16	GRN	8	PLUG	——	14	2	ORA	20	60	GRN
3	38	PUR	9	PLUG	——	15	15	BLU	21	25	BRN
4	39	GRY	10	PLUG	——	16	29	GRN	22	PLUG	——
5	43	BLU	11	6	GRN	17	PLUG	——	23	13T	BLK
6	24A	PUR	12	PLUG	——	18	PLUG	——	24	13U	BLK

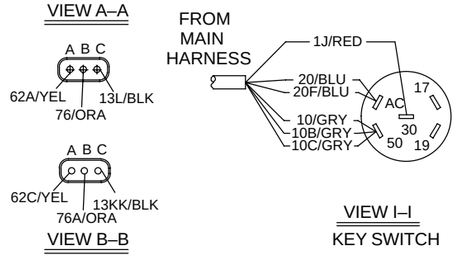
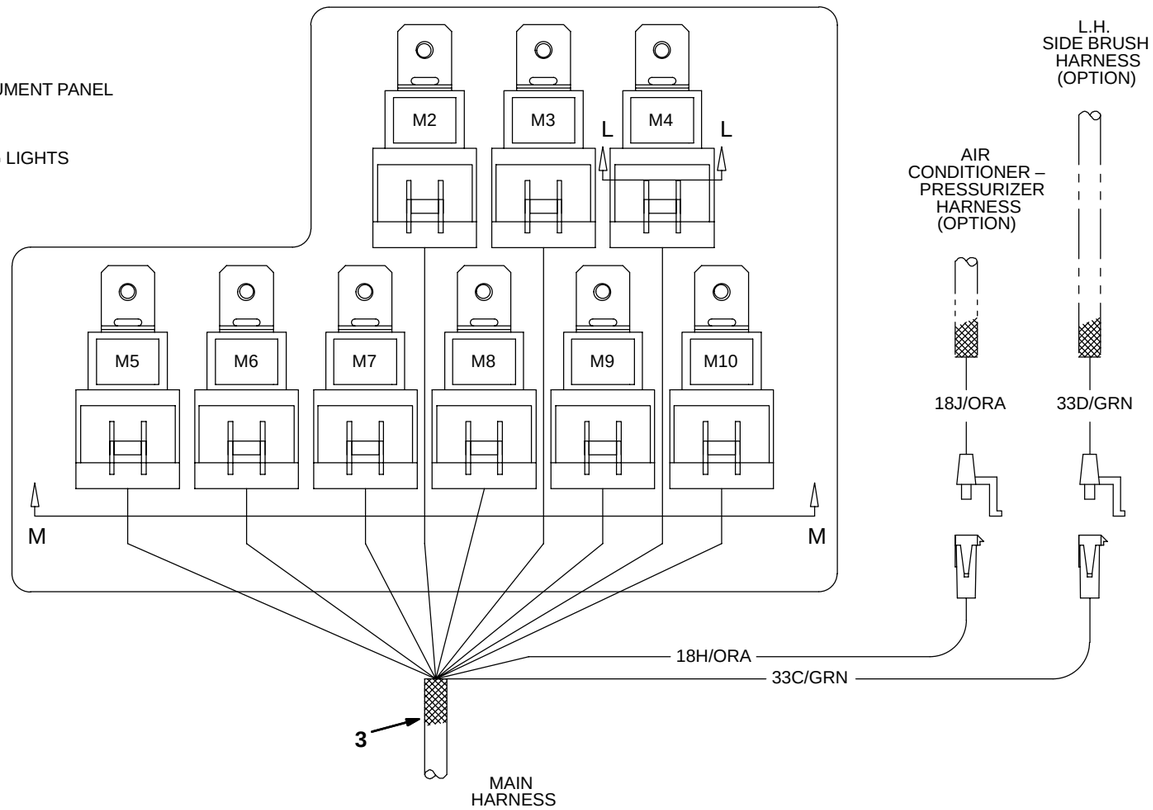
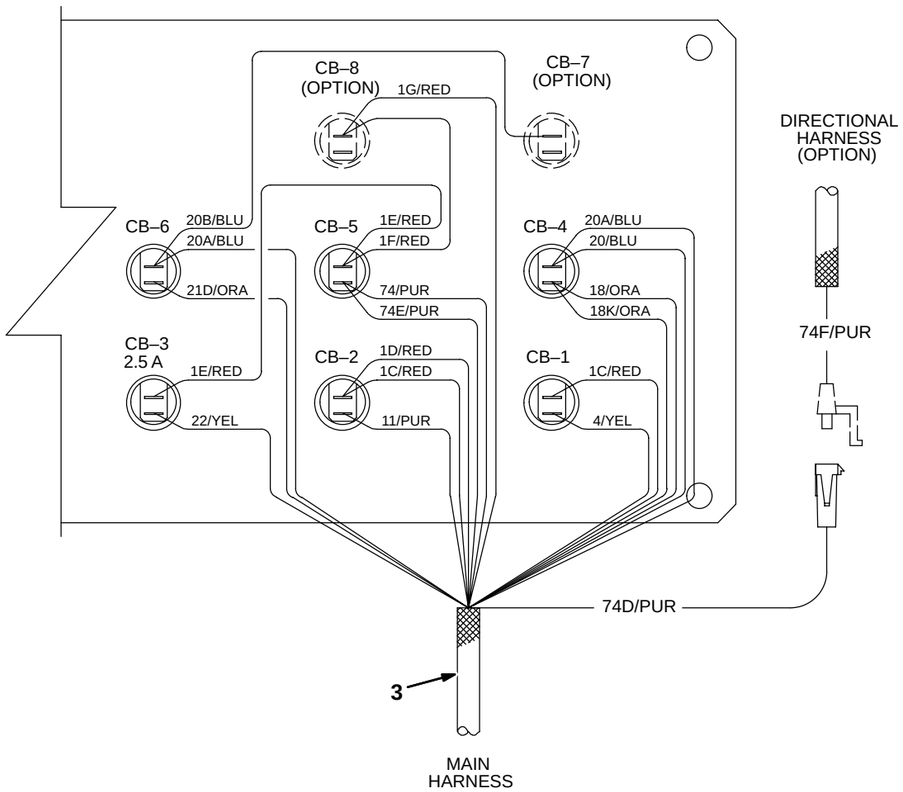


Fig. 71 – Wire Harnesses Group

RELAYS

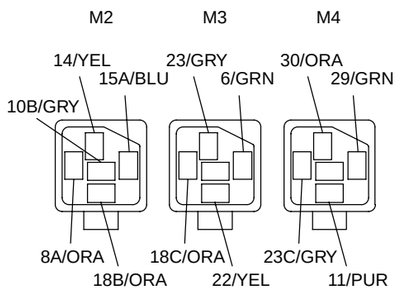
M2 FUEL PUMP
M3 ELECTRONIC INSTRUMENT PANEL
M4 SHAKER MOTOR
M5 VAC FAN SOLENOID
M6 HEADLIGHTS
M7 ROTATING/FLASHING LIGHTS
M8 HOPPER LIFT
M9 FRONT BRUSH
M10 MAIN BRUSH

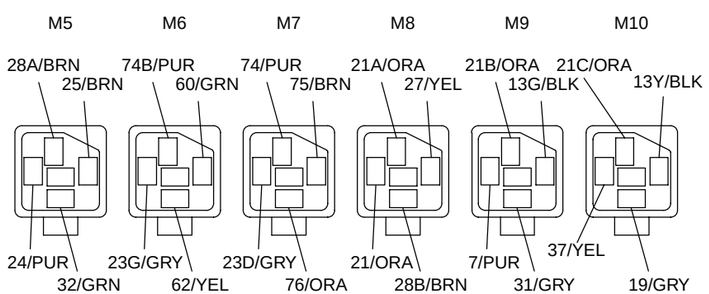




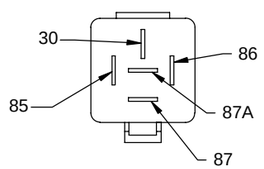
CIRCUIT BREAKERS

CB–1 HORN
CB–2 SHAKER MOTOR
CB–3 VAC FAN RELAY, SHAKER RELAY, WARNING LIGHT & HEADLIGHT
CB–4 ELECTRONIC INSTRUMENT PANEL
CB–5 ROTATING LIGHT & BACK–UP ALARM
CB–6 HOPPER LIFT RELAY, FRONT/MAIN BRUSH
CB–7 LEFT HAND SIDE BRUSH
CB–8 CAB ACCESSORIES





VIEW M–M



85 COIL+
86 COIL –
30 COMMON CONTACT
87 N.O. CONTACT
87A N.C. CONTACT

SECTION L–L

Fig. 71 – Wire Harnesses Group

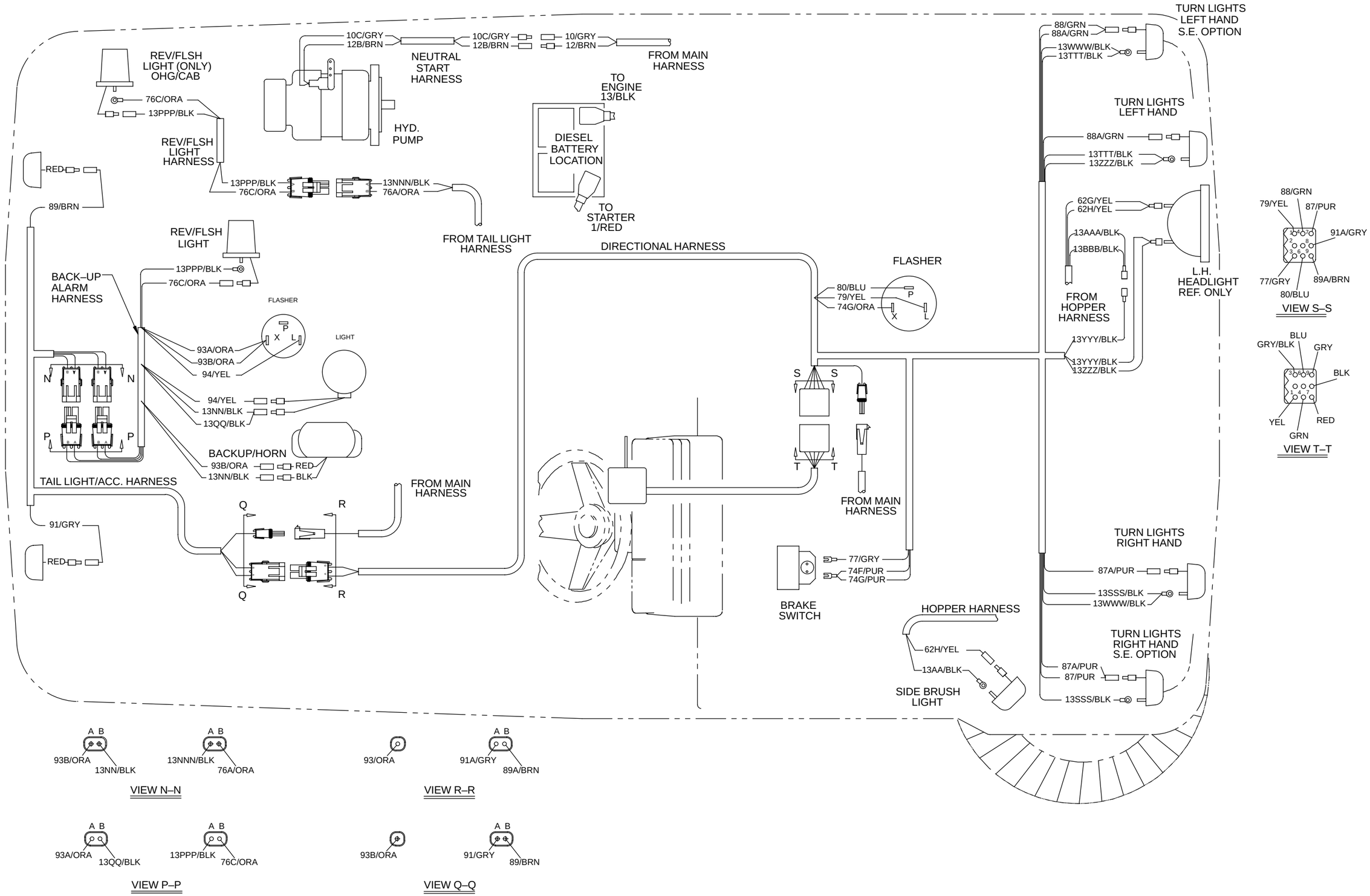


Fig. 71 – Wire Harnesses Group

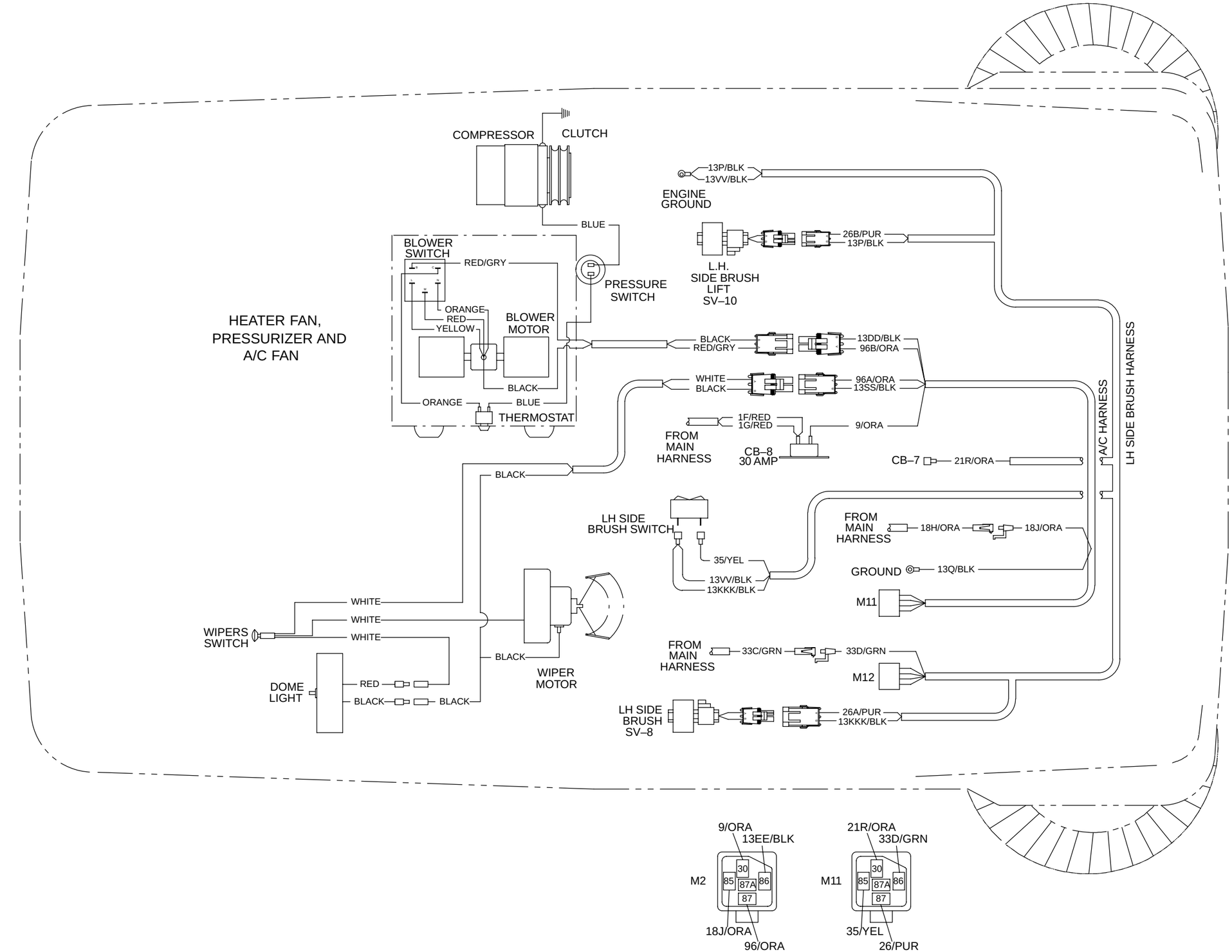


Fig. 71 – Wire Harnesses Group

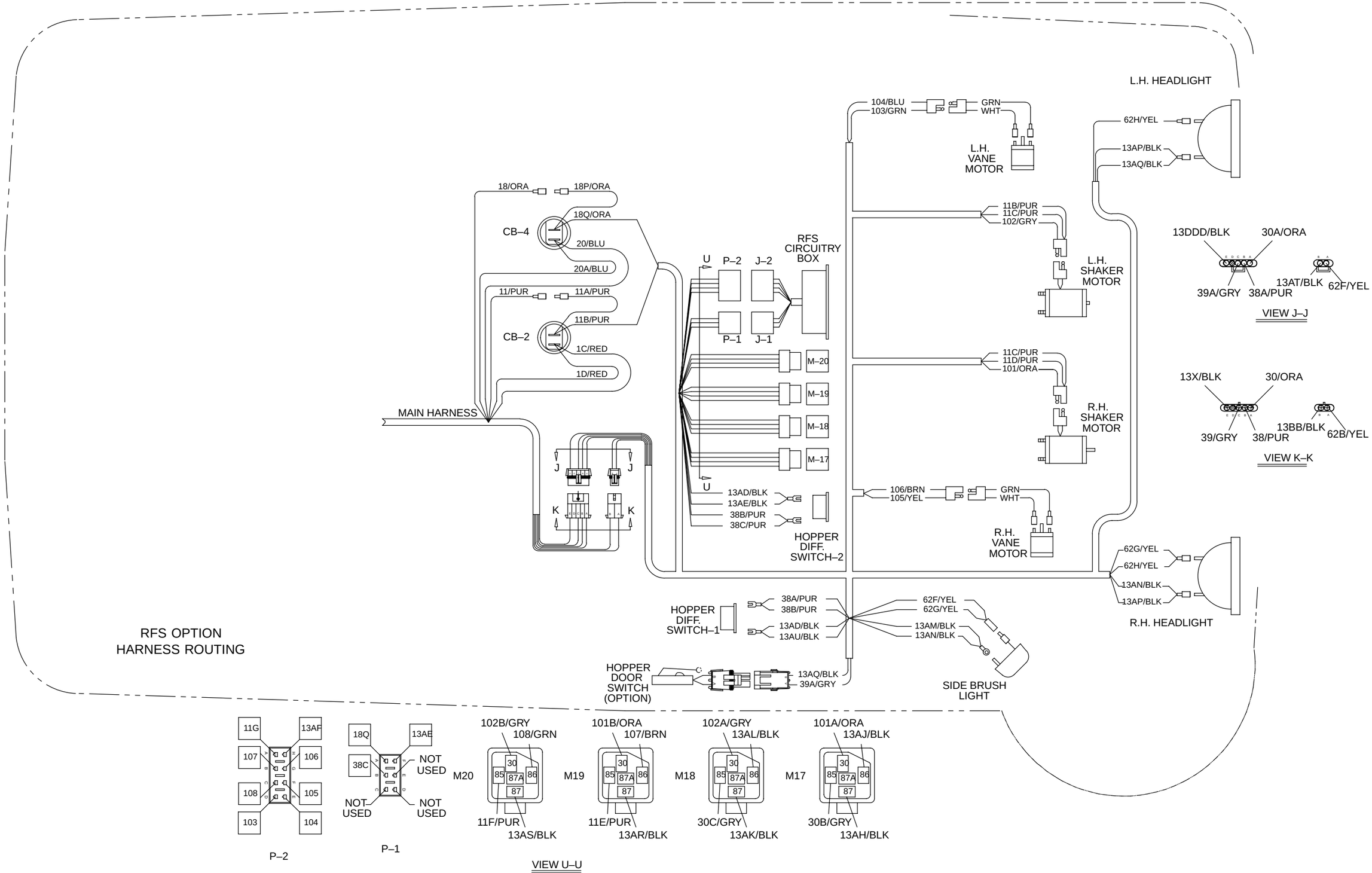


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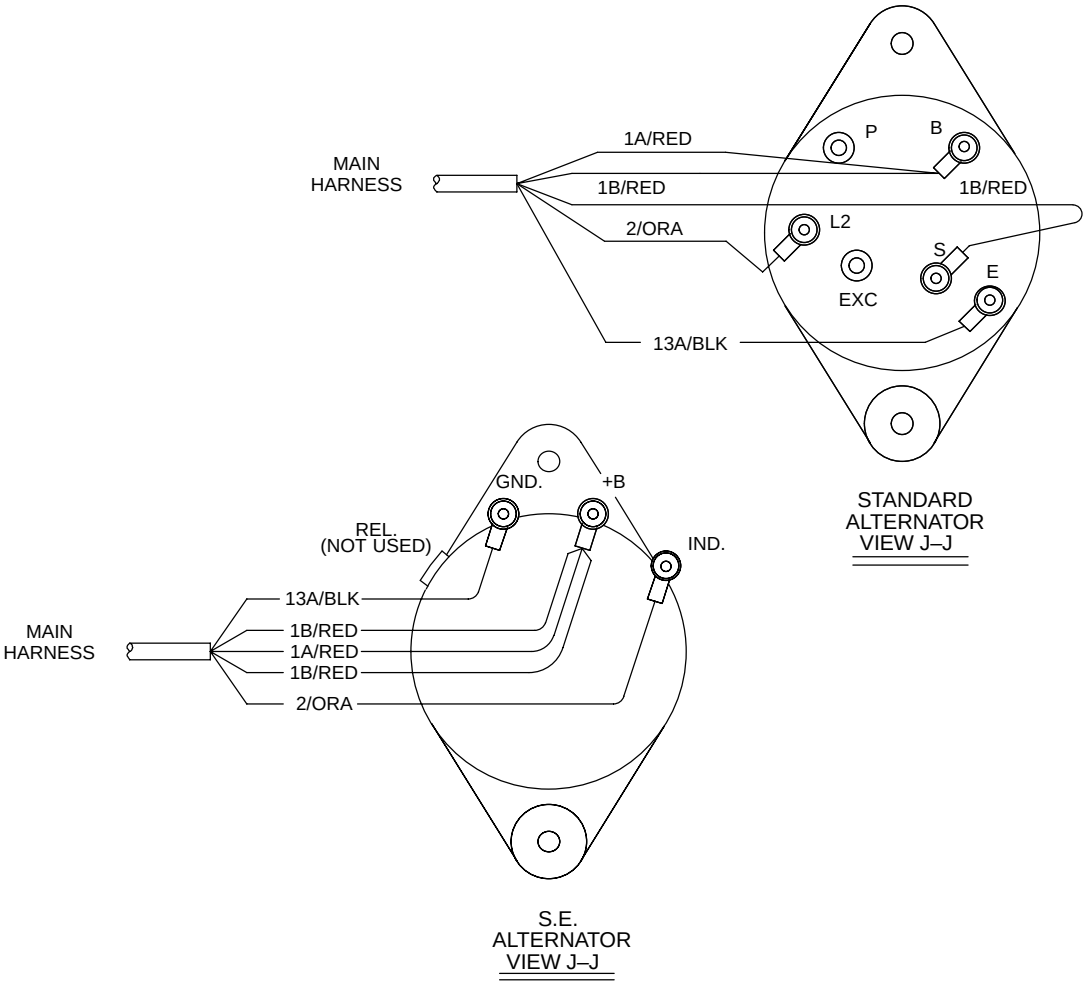
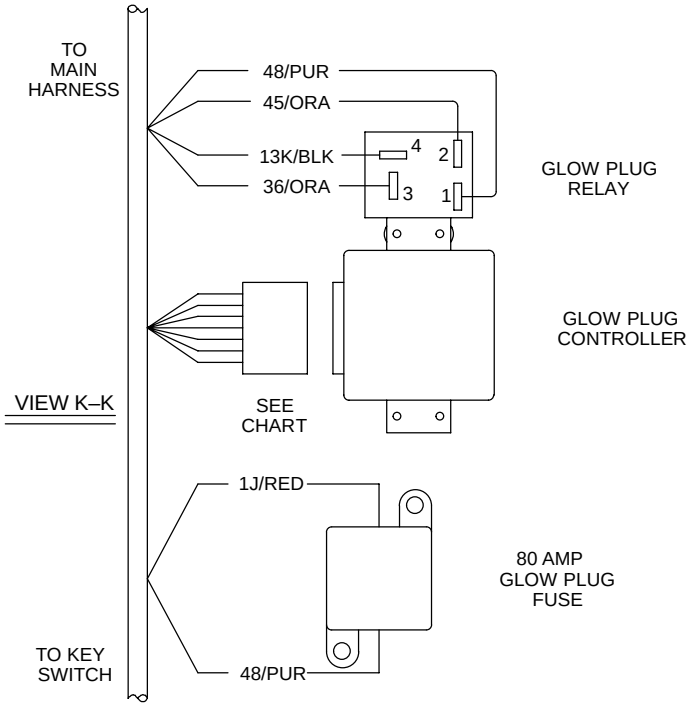
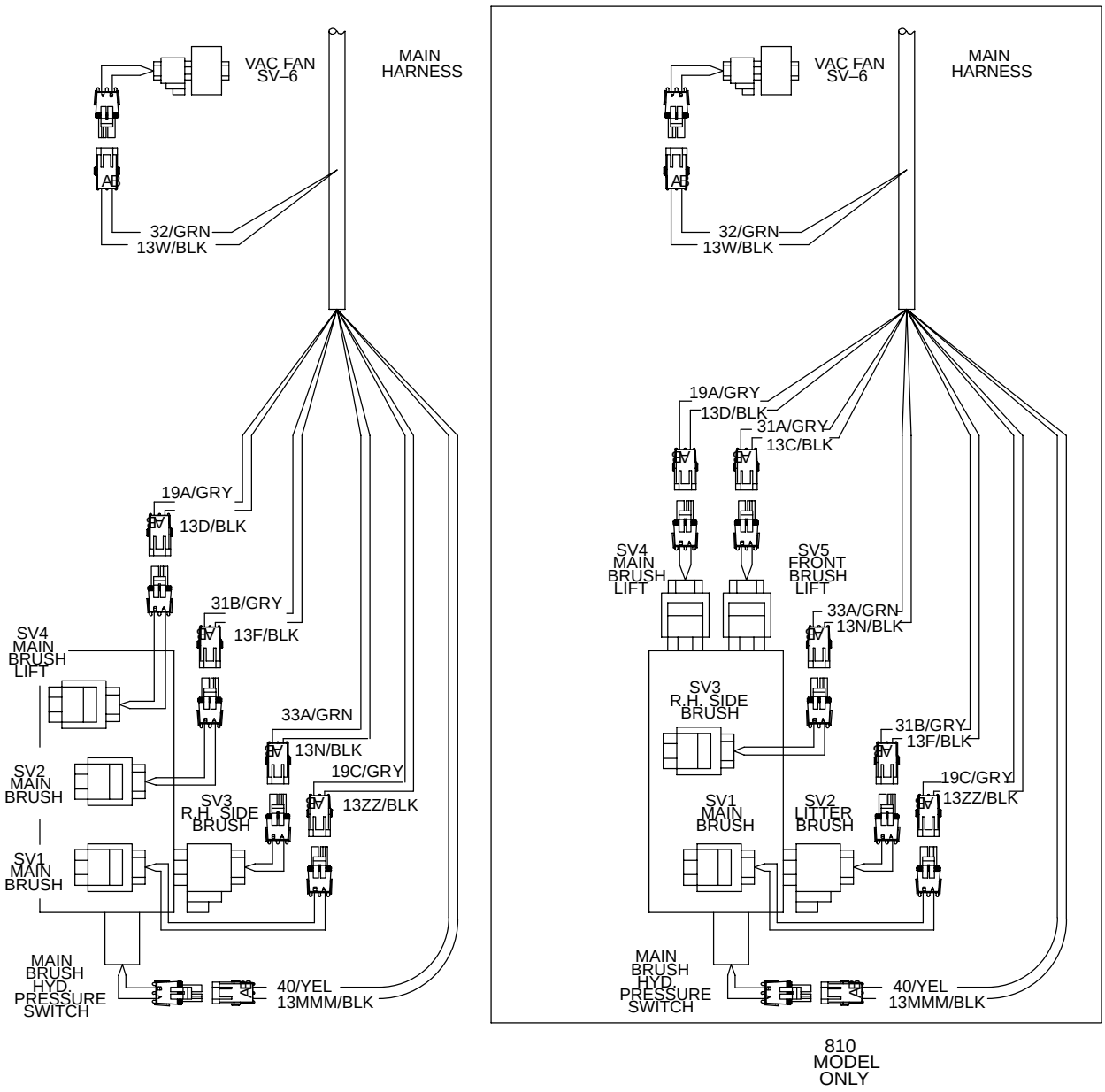
Fig. 71 – Wire Harnesses Group





SOCKET NO.	WIRE NO.	COLOR	SOCKET NO.	WIRE NO.	COLOR
1	45A	GRY	7	17	BRN
2	—	—	8	—	—
3	10C	GRY	9	18G	ORA
4	13J	BLK	10	—	—
5	—	—	11	34	BRN
6	36	ORA			

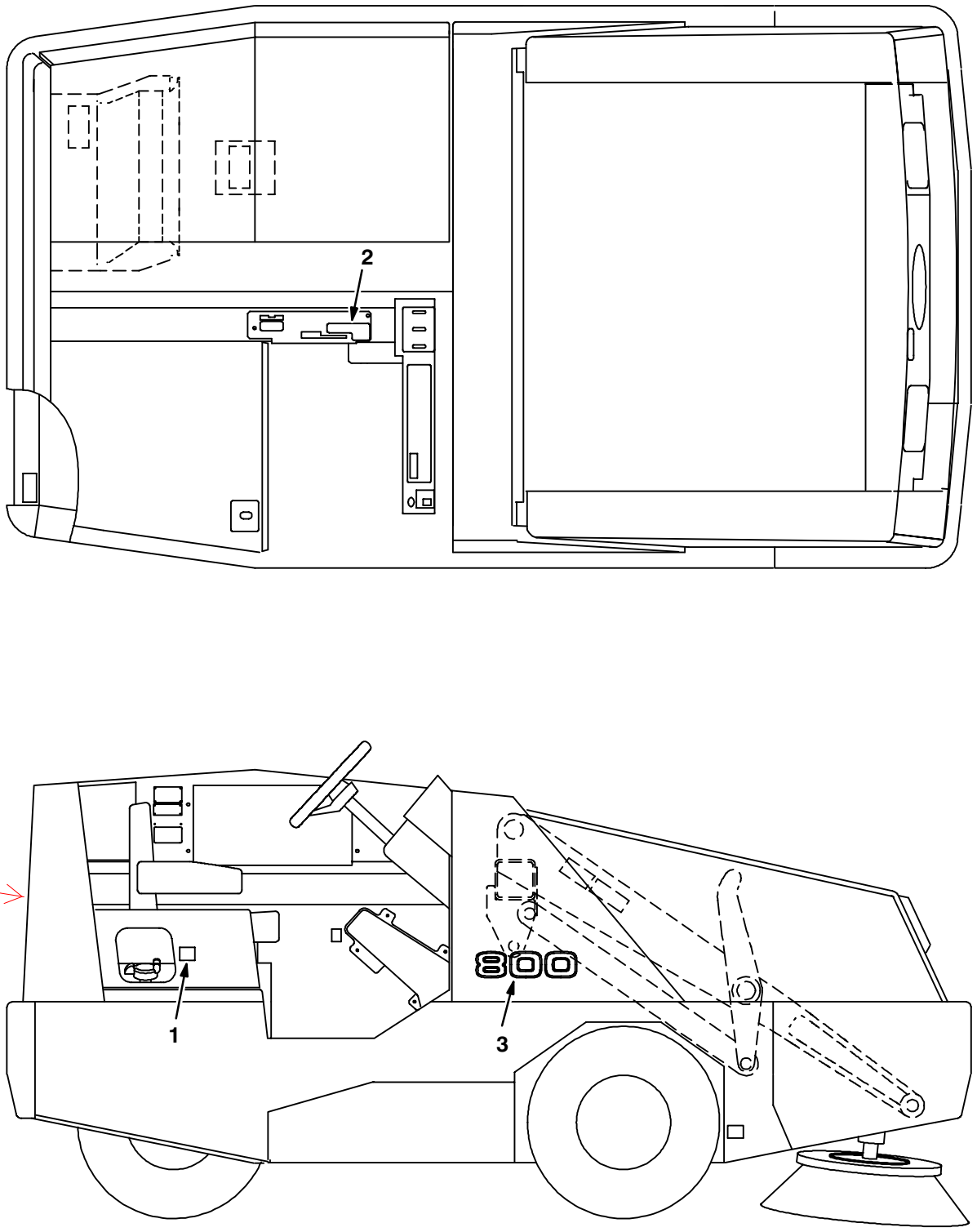
Fig. 71 – Wire Harnesses Group



08772/09921

Ref.	Tennant Part No.	Machine Serial Number	Description	Qty.
1	70400	(000000–)	Harness, Turn/Rotate/Tail Lights	1
2	63417	(000000–001699)	Harness, Hopper	1
2	83695	(001700–)	Harness, Hopper 800/810	1
3	77677	(000000–001699)	Harness, Main, Die, 800	1
3	83694	(001700–)	Harness, Main, Die, 800	1

Fig. 72 – Label Group



08566/08774

Ref.	Tennant Part No.	Machine Serial Number	Description	Qty.
1	59767	(000000–)	Label Set, Info & Hazard	1
2	70705	(000000–)	Label Set, Operational 800	1
3	70536	(000000–)	Label, Numerals 800	2
4	09905	(000000-)	Label, Logo, Tennant Oval	1

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SECTION 3

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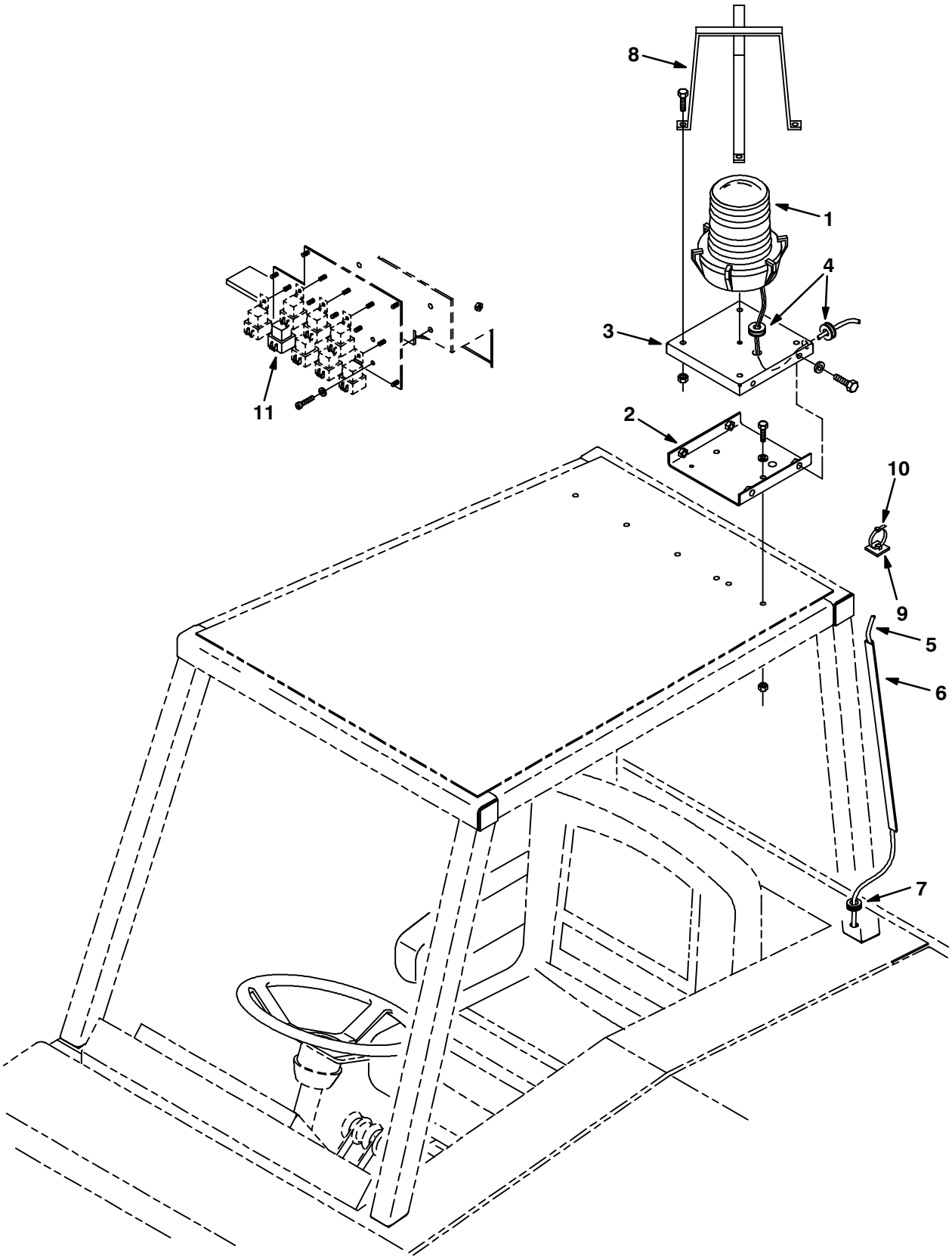
Fig. 1 – Flashing Light Kit, Overhead Guard

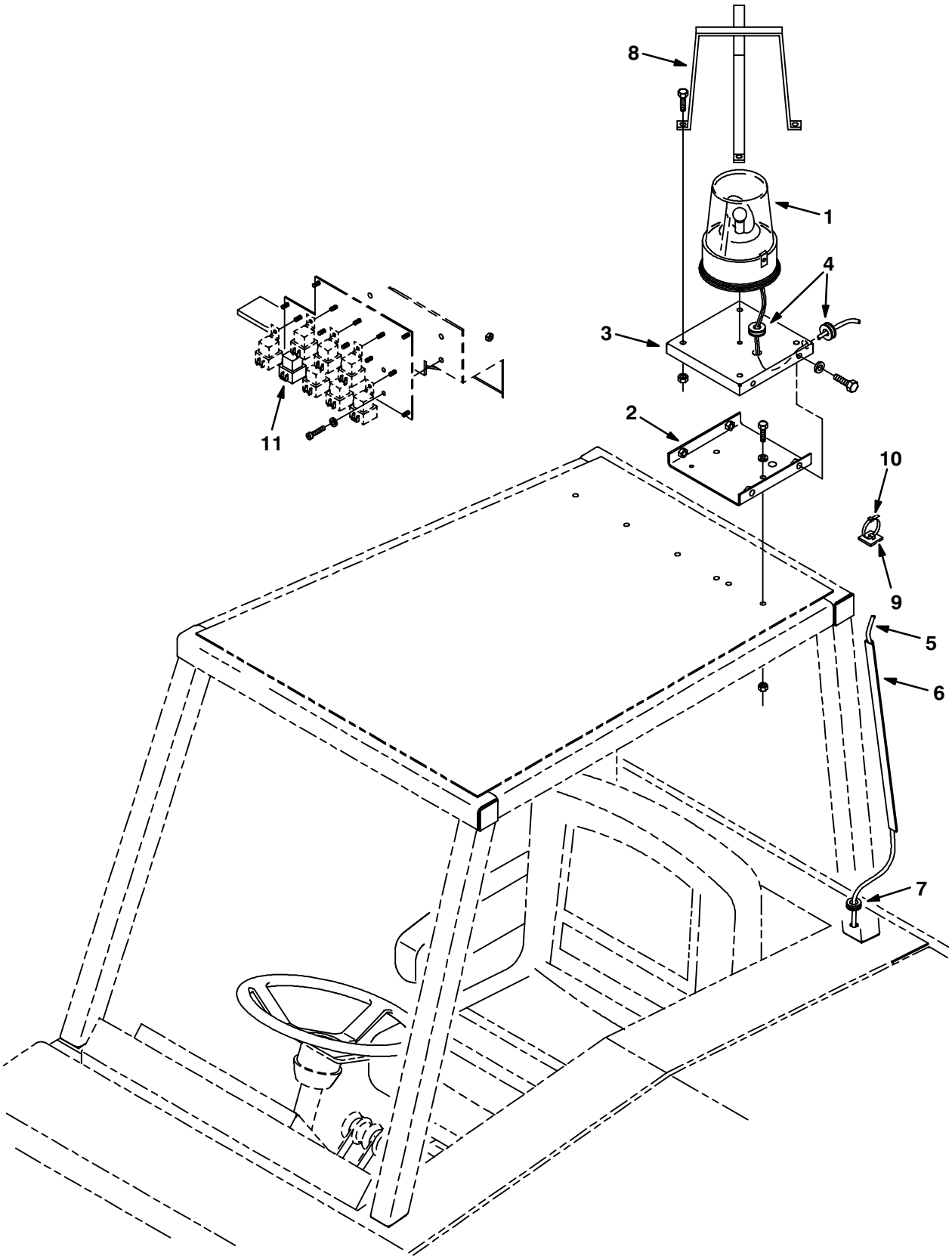


07653/07654

Fig. 1 – Flashing Light Kit, Overhead Guard

	Ref.	Tennant Part No.	Machine Serial Number		Description	Qty.
∇		73755	(000000–	)	Light Kit Flsh 800L Ohg	1
∇	1	82063	(000000–	)	Light, Flashing, Amber, 12V–Re	1
		58520	(000000–	)	Lens,Flashing Lite Fr207 Amber	1
		45779	(000000–	)	Bulb, 12V	1
	2	73899	(000000–	)	Bracket	1
	3	73898	(000000–	)	Panel	1
	4	10632–20	(000000–	)	Grommet,Rbr,0.38Id,For .06Matl	2
	5	74000	(000000–	)	Harness,Rev/Flsh Light,Cab,Ohg	1
	6	86331	(000000–	)	Duct, Vinyl .40X .75X26.0 .25D	1
	7	10632–2	(000000–	)	Grommet,Rbr,0.63Id,For .13Matl	1
	8	45272	(000000–	)	Guard Wldt, Lights, Revl & Flsh	1
	9	55248	(000000–	)	Cable Tie Mount	3
	10	49266	(000000–	)	Tie, Cable	3
	11	56186	(000000–	)	Relay, Shrouded, 12V	1
		58518	(000000–	)	Lens,Flashing Lite Fr207 Red	1
		58519	(000000–	)	Lens,Flashing Lite Fr207 Blue	1

Fig. 2 – Revolving Light Kit, Overhead Guard

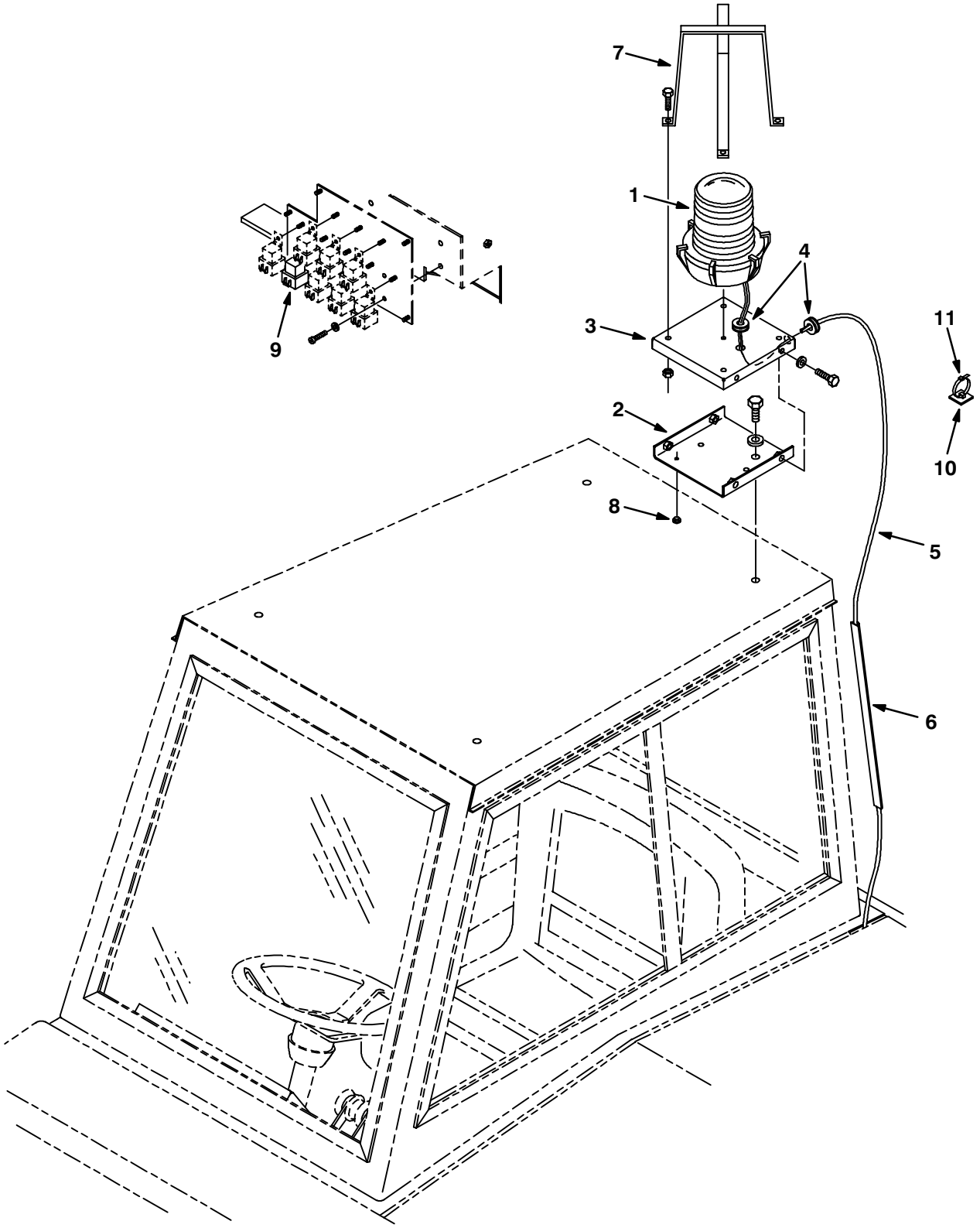


07655/07656

Fig. 2 – Revolving Light Kit, Overhead Guard

	Ref.	Tennant Part No.	Machine Serial Number		Description	Qty.
∇		73757	(000000–	)	Light Kit Revl 800L Ohg	1
∇	1	82200	(000000–	)	Light,Rev.Amber 12V–Reworked	1
		44681–1	(000000–	)	Lens,Rev.Light,Amber	1
		45779	(000000–	)	Bulb, 12V	1
	2	73899	(000000–	)	Bracket	1
	3	73898	(000000–	)	Panel	1
	4	10632–20	(000000–	)	Grommet,Rbr,0.38Id,For .06Matl	2
	5	74000	(000000–	)	Harness,Rev/Flsh Light,Cab,Ohg	1
	6	86331	(000000–	)	Duct, Vinyl .40X .75X26.0 .25D	1
	7	10632–2	(000000–	)	Grommet,Rbr,0.63Id,For .13Matl	1
	8	45272	(000000–	)	Guard Wldt, Lights, Revl & Flsh	1
	9	55248	(000000–	)	Cable Tie Mount	3
	10	49266	(000000–	)	Tie, Cable	3
	11	56186	(000000–	)	Relay, Shrouded, 12V	1
		44681	(000000–	)	Lens,Rev.Light,Red	1
		44681–2	(000000–	)	Lens,Rev.Light,Blue	1

Fig. 3 – Flashing Light Kit, Cab

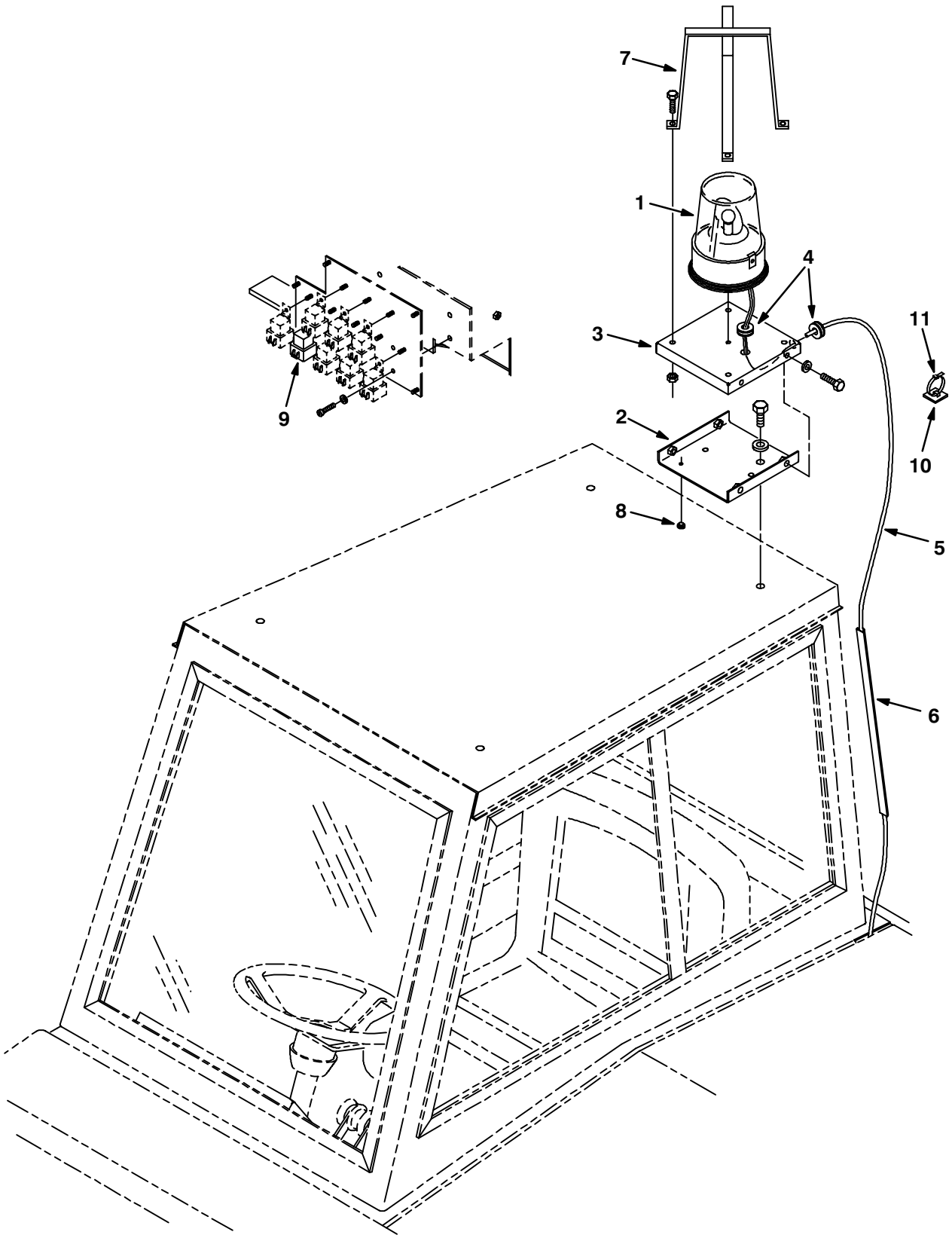


07657/07658

Fig. 3 – Flashing Light Kit, Cab

	Ref.	Tennant Part No.	Machine Serial Number		Description	Qty.
∇		73751	(000000–	)	Light Kit Flsh 800L Cab	1
∇	1	82063	(000000–	)	Light, Flashing, Amber, 12V–Re	1
		58520	(000000–	)	Lens,Flashing Lite Fr207 Amber	1
		45779	(000000–	)	Bulb, 12V	1
	2	73899	(000000–	)	Bracket	1
	3	73898	(000000–	)	Panel	1
	4	10632–20	(000000–	)	Grommet,Rbr,0.38Id,For .06Matl	2
	5	74000	(000000–	)	Harness,Rev/Flsh Light,Cab,Ohg	1
	6	86331	(000000–	)	Duct, Vinyl .40X .75X26.0 .25D	1
	7	45272	(000000–	)	Guard Wldt, Lights, Revl & Flsh	1
	8	29233	(000000–	)	Bumper, Rubber	1
	9	56186	(000000–	)	Relay, Shrouded, 12V	1
	10	55248	(000000–	)	Cable Tie Mount	3
	11	49266	(000000–	)	Tie, Cable	3
		58518	(000000–	)	Lens,Flashing Lite Fr207 Red	1
		58519	(000000–	)	Lens,Flashing Lite Fr207 Blue	1

Fig. 4 – Revolving Light Kit, Cab

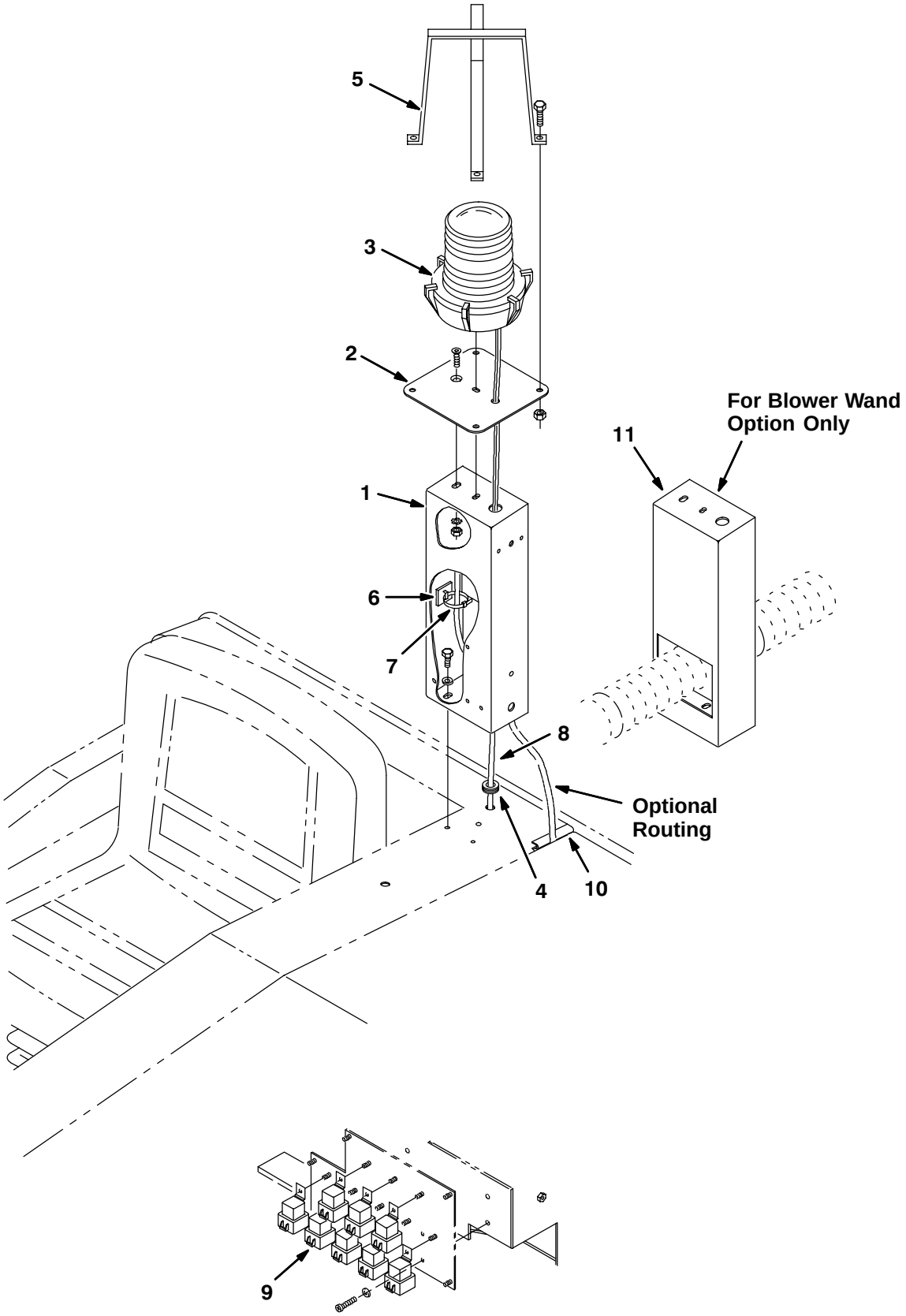


07659/07660

Fig. 4 – Revolving Light Kit, Cab

	Ref.	Tennant Part No.	Machine Serial Number		Description	Qty.
∇		73753	(000000–	)	Light Kit Revl 800L Cab	1
∇	1	82200	(000000–	)	Light,Rev.Amber 12V–Reworked	1
		44681–1	(000000–	)	Lens,Rev.Light,Amber	1
		45779	(000000–	)	Bulb, 12V	1
	2	73899	(000000–	)	Bracket	1
	3	73898	(000000–	)	Panel	1
	4	10632–20	(000000–	)	Grommet,Rbr,0.38Id,For .06Matl	2
	5	74000	(000000–	)	Harness,Rev/Flsh Light,Cab,Ohg	1
	6	86331	(000000–	)	Duct, Vinyl .40X .75X26.0 .25D	1
	7	45272	(000000–	)	Guard Wldt, Lights, Revl & Flsh	1
	8	29233	(000000–	)	Bumper, Rubber	1
	9	56186	(000000–	)	Relay, Shrouded, 12V	1
	10	55248	(000000–	)	Cable Tie Mount	3
	11	49266	(000000–	)	Tie, Cable	3
		44681	(000000–	)	Lens,Rev.Light,Red	1
		44681–2	(000000–	)	Lens,Rev.Light,Blue	1

Fig. 5 – Flashing Light Kit, Low

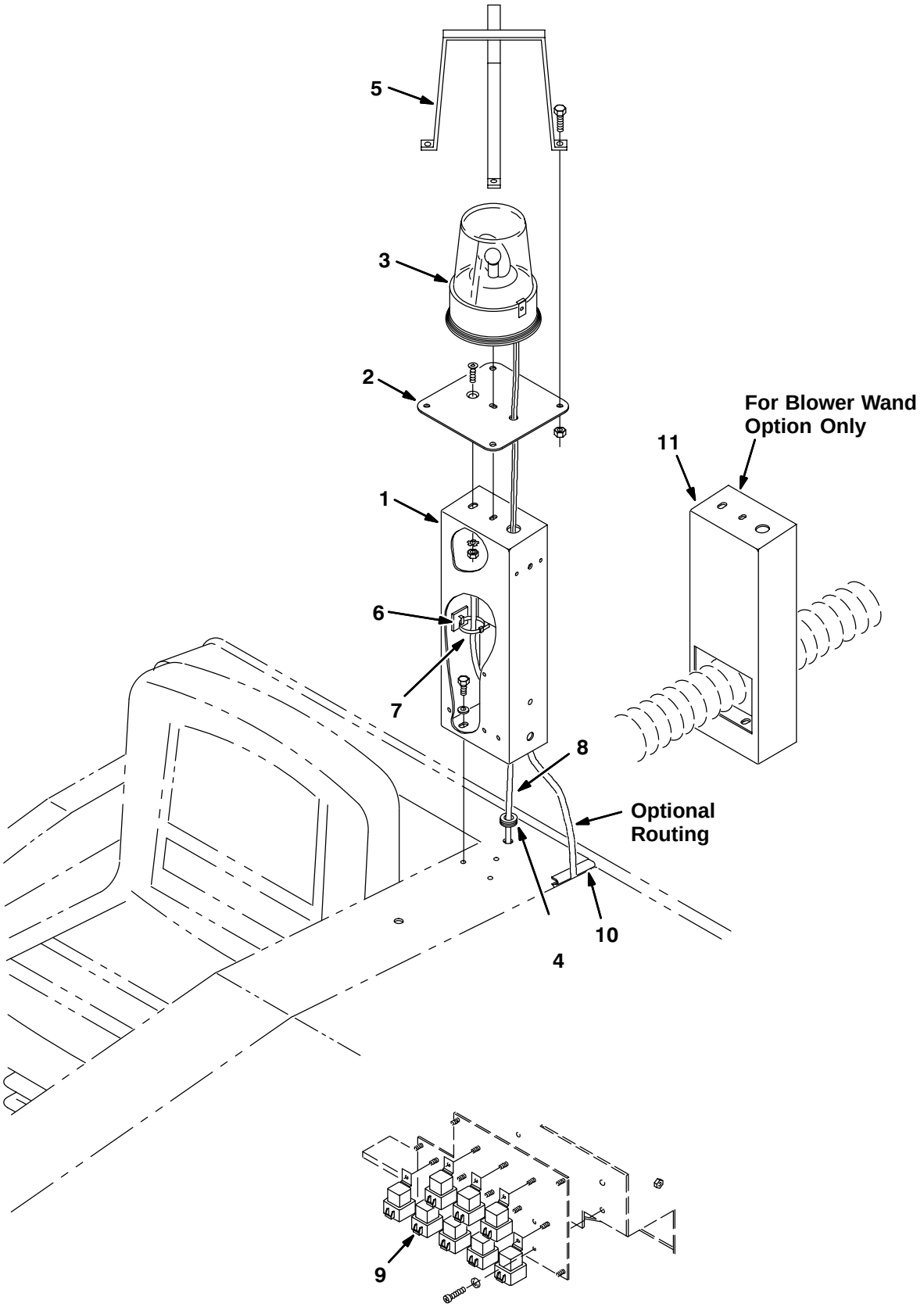


07661/07662

Fig. 5 – Flashing Light Kit, Low

	Ref.	Tennant Part No.	Machine Serial Number		Description	Qty.
∇		73759	(000000–	)	Light Kit Flashing	1
	1	76404	(000000–	)	Channel,	1
	2	75573	(000000–	)	Plate	1
∇	3	82063	(000000–	)	Light, Flashing, Amber, 12V–Re	1
		58520	(000000–	)	Lens,Flashing Lite Fr207 Amber	1
		45779	(000000–	)	Bulb, 12V .2A 32Cp #1156	1
	4	10632–11	(000000–	)	Grommet,Rbr,0.38Id,For .19Matl	1
	5	45272	(000000–	)	Guard Wldt, Lights, Revl&Flsh	1
	6	55248	(000000–	)	Cabletie Mount, Adhesive	1
	7	49266	(000000–	)	Tie, Cable 1.75D Max 7.50Lg	1
	8	74000	(000000–	)	Harness, Rev/Flash Light,Cab O	1
	9	56186	(000000–	)	Relay, Shrouded, 12 Vdc	1
	10	62595–18	(000000–	)	Molding, Trim 11–14Ga 3.00	1
	11	79513	(000000–	)	Channel Wldt, Blower Wand	1
		58518	(000000–	)	Lens,Flashing Lite Fr207 Red	1
		58519	(000000–	)	Lens,Flashing Lite Fr207 Blue	1

Fig. 6 – Revolving Light Kit, Low



07663/07664

Fig. 6 – Revolving Light Kit, Low

	Ref.	Tennant Part No.	Machine Serial Number		Description	Qty.
∇		73761	(000000–	)	Light Kit Revl 800 Low	1
	1	76404	(000000–	)	Channel,	1
	2	75573	(000000–	)	Plate	1
∇	3	82200	(000000–	)	Light,Rev.Amber 12V	1
		44681–1	(000000–	)	Lens,Rev.Light,Amber	1
		45779	(000000–	)	Bulb, 12V .2A 32Cp #1156	1
	4	10632–11	(000000–	)	Grommet,Rbr,0.38Id,For .19Matl	1
	5	45272	(000000–	)	Guard Wldt, Lights, Revl&Flsh	1
	6	55248	(000000–	)	Cabletie Mount, Adhesive	1
	7	49266	(000000–	)	Tie, Cable 1.75D Max 7.50Lg	1
	8	74000	(000000–	)	Harness, Rev/Flash Light,Cab O	1
	9	56186	(000000–	)	Relay, Shrouded, 12 Vdc	1
	10	62595–18	(000000–	)	Molding, Trim 11–14Ga 3.00	1
	11	79513	(000000–	)	Channel Wldt, Blower Wand	1
		44681	(000000–	)	Lens,Rev.Light,Red	1
		44681–2	(000000–	)	Lens,Rev.Light,Blue	1

Fig. 7 – Back–Up Alarm Warning Kit

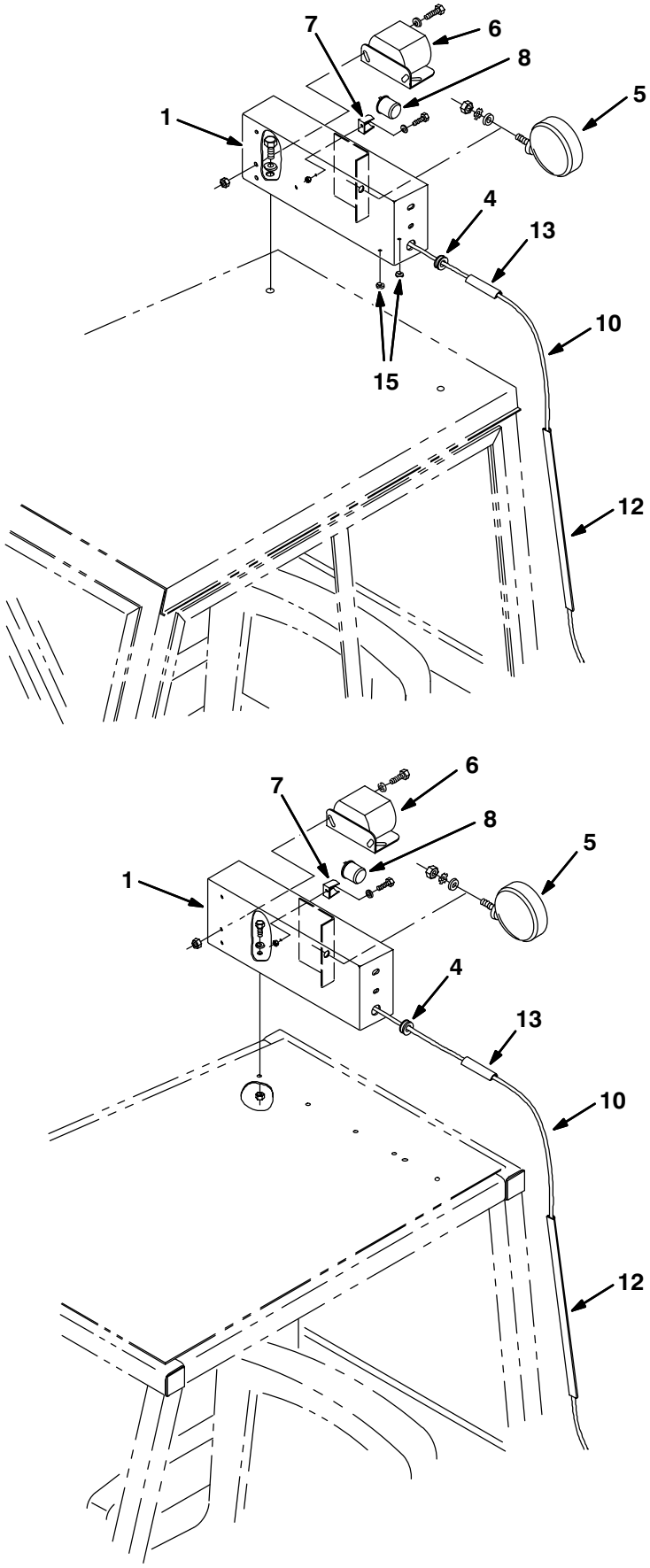
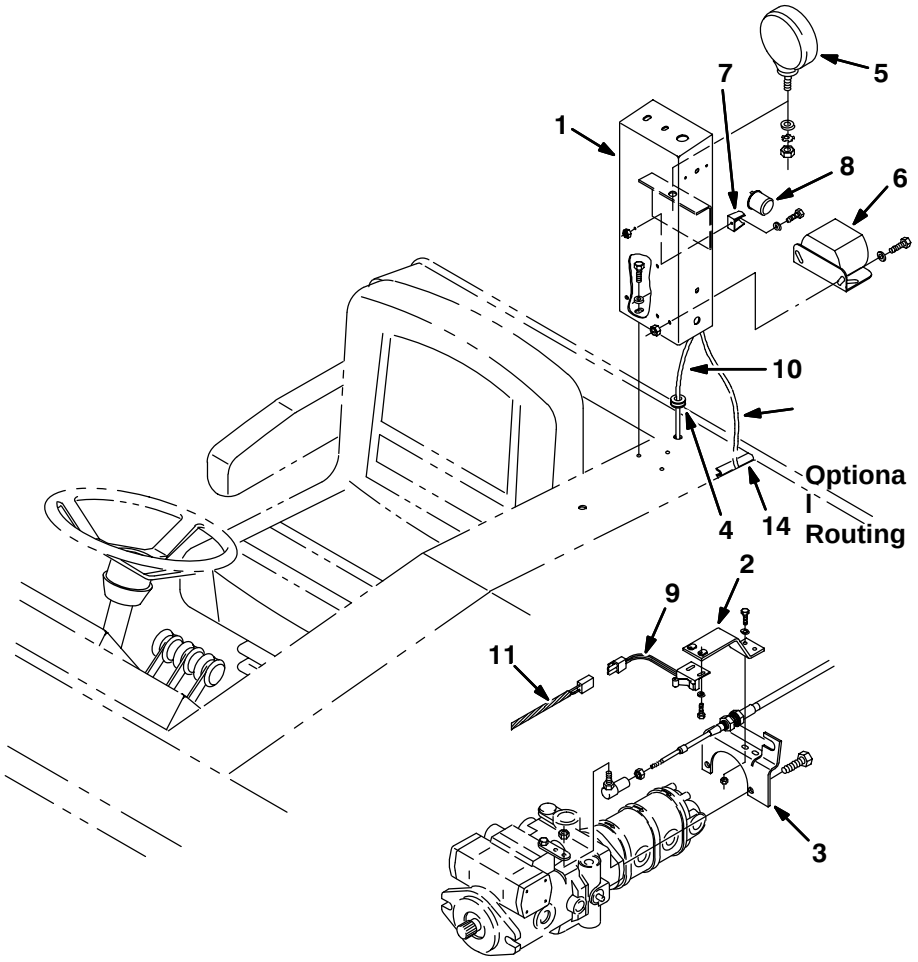


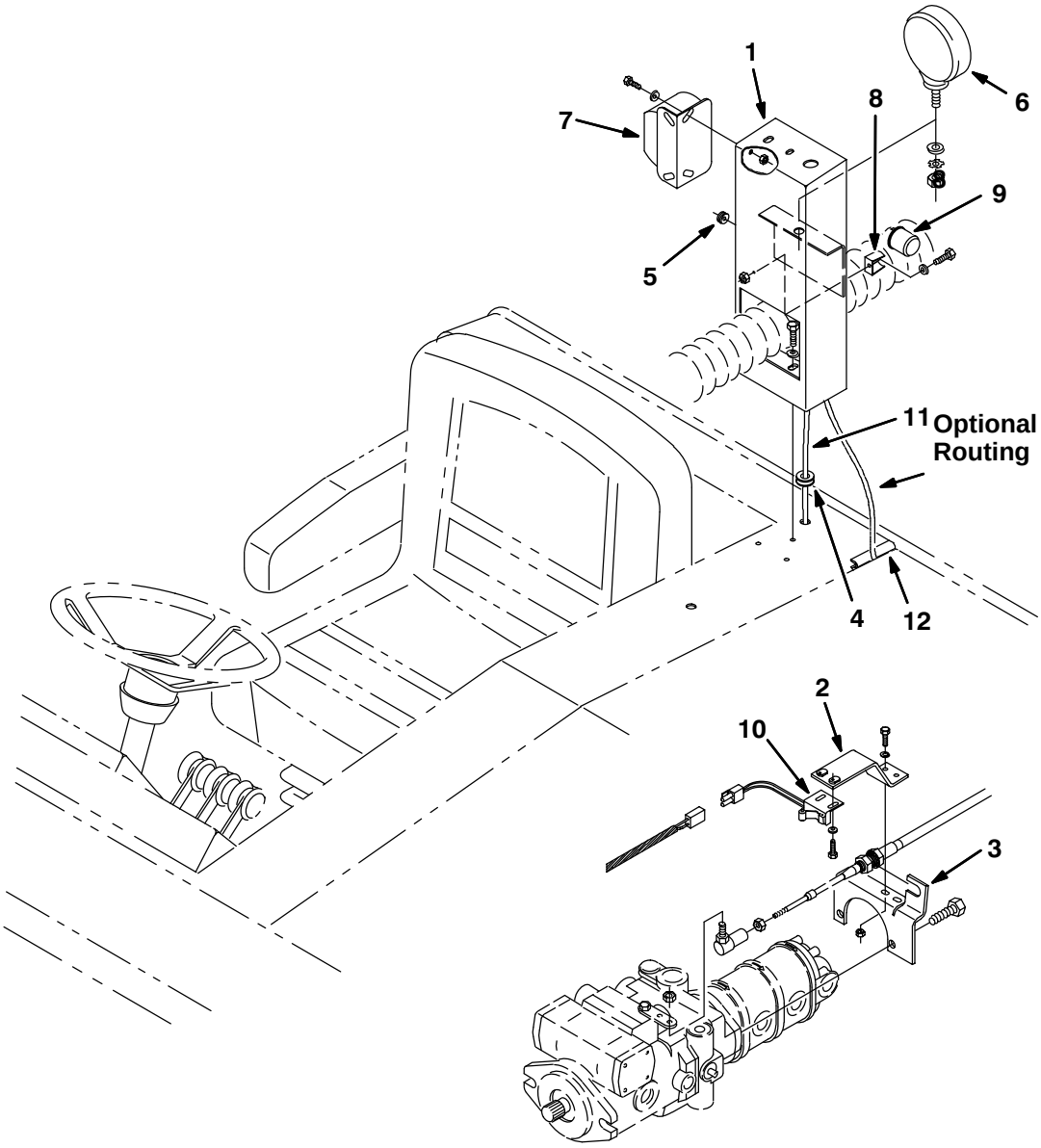
Fig. 7 – Back–Up Alarm Warning Kit



08758/08759

	Ref.	Tennant Part No.	Machine Serial Number		Description	Qty.
∇		70696	(000000–	)	Warning Kit, Backup	1
	1	76404	(000000–	)	Channel,	1
	2	75568	(000000–	)	Bracket	1
	3	76427	(000000–	)	Bracket, Mounting,Alarm Switch	1
	4	10632–9	(000000–	)	Grommet,Rbr,0.56Id,For .13Matl	1
∇	5	36438	(000000–	)	Headlight Assy,210G	1
		36439	(000000–	)	Bulb, 12V .9A	1
	6	61920	(000000–	)	Horn, Back–Up Alarm	1
	7	24576–1	(000000–	)	Bracket, Flasher	1
	8	24576	(000000–	)	Flasher,12V.Ideal Co.Hd552Ps83	1
	9	59965	(000000–	)	Switch, Roller	1
	10	76415	(000000–	)	Harness, Alarm, Backup	1
	11	76460	(000000–	)	Harness, Jumper, Backup	1
	12	77423	(000000–	)	Duct, Vinyl 26.0”	1
	13	86333	(000000–	)	Duct, Vinyl .40X.75X3.5 .25D	1
	14	62595–18	(000000–	)	Molding, Trim 11–14Ga 3.00	1
	15	29233	(000000–	)	Bumper, 3/32 Matl.	1

Fig. 8 – Back–Up Alarm Warning Kit, Blower Wand



10400/10401

	Ref.	Tennant Part No.	Machine Serial Number	Description	Qty.
∇		79554	(000000–)	Warning Kit, Backup Low Blower	1
	1	79513	(000000–)	Channel Wldt, Blower Wand	1
	2	75568	(000000–)	Bracket	1
	3	76427	(000000–)	Bracket, Mounting,Alarm Switch	1
	4	10632–9	(000000–)	Grommet,Rbr,0.56Id,For .13Matl	1
	5	10632–5	(000000–)	Grommet Rbr 0.25Id For .09Matl	1
∇	6	36438	(000000–)	Headlight Assy,210G	1
		36439	(000000–)	Bulb, 12V .9A	1
	7	61920	(000000–)	Horn, Back–Up Alarm	1
	8	24576–1	(000000–)	Bracket, Flasher	1
	9	24576	(000000–)	Flasher,12V.Ideal Co.Hd552Ps83	1
	10	59965	(000000–)	Switch, Roller	1
	11	76415	(000000–)	Harness, Alarm, Backup	1
	12	62595–18	(000000–)	Molding, Trim 11–14Ga 3.00	1

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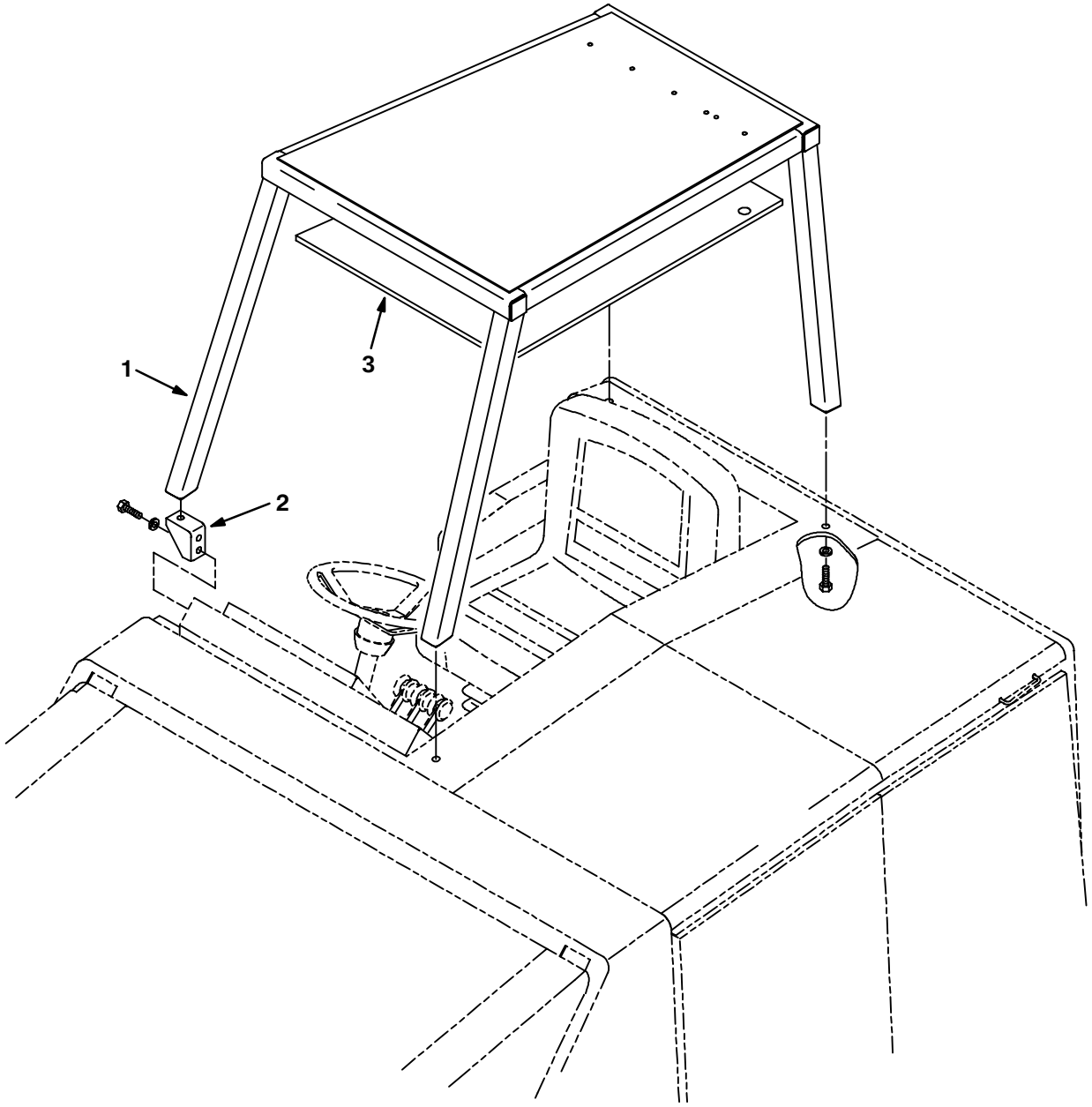
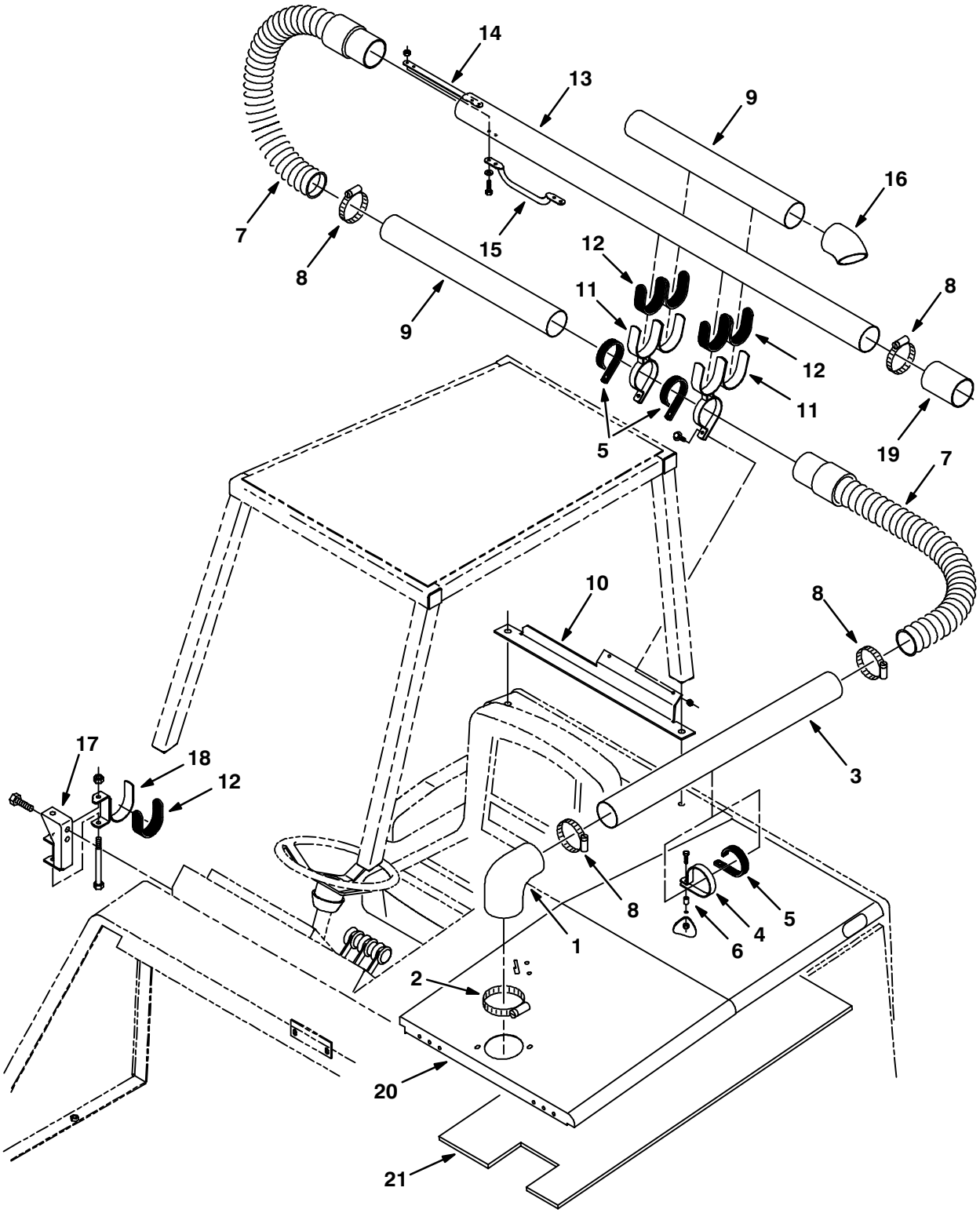
Fig. 9 – Overhead Guard Kit



07651/07652

	Ref.	Tennant Part No.	Machine Serial Number		Description	Qty.
∇		70669	(000000–	)	Guard Kit, Overhead	1
	1	65258	(000000–	)	Guard Wldt, Overhead	1
	2	70454	(000000–	)	Bracket, Mtg, Ohg	1
	3	74007	(000000–	)	Foam, Insulation	1

Fig. 10 – Blower Group



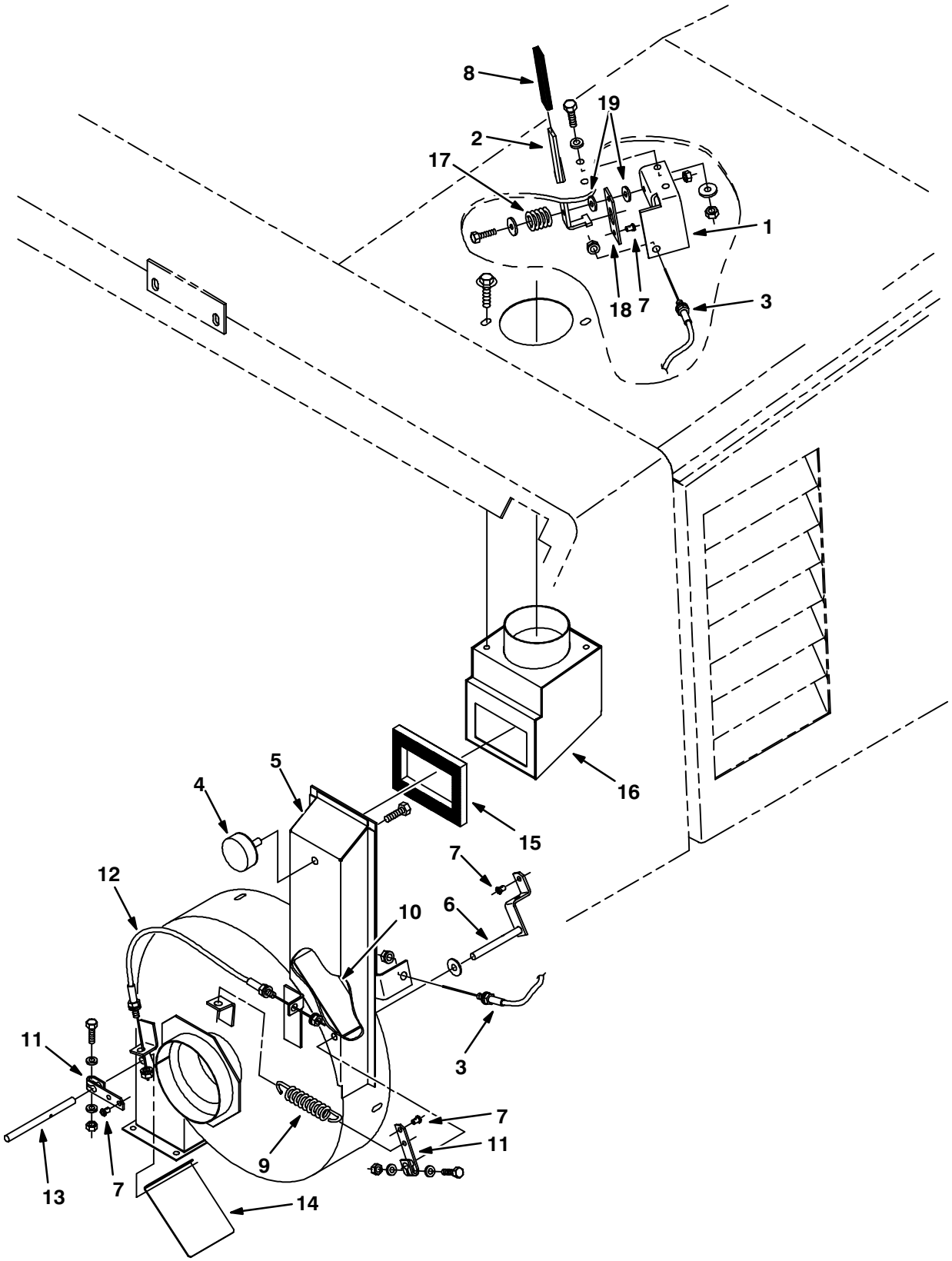
07675/07676

Fig. 10 – Blower Group

NOTE: Blower Kit, TENNANT Part Number 73776, includes Fig. 10, and Fig. 11.

Ref.	Tennant Part No.	Machine Serial Number	Description	Qty.
1	59919	(000000–xxxxxx)	Hose, Reducer	1
2	23498	(000000–xxxxxx)	Clamp–Wormdrive, 2.63– 4.50D	1
3	73692	(000000–xxxxxx)	Tube, Blower Wand	1
4	77631	(000000–xxxxxx)	Clamp, 3.250 Id	1
5	71025	(000000–xxxxxx)	Pad, Rubber	3
6	73675	(000000–xxxxxx)	Spacer	1
7	64320	(000000–xxxxxx)	Hose& Cuff Assy,Vinyl3.0Idx 24	2
8	43555	(000000–xxxxxx)	Clamp–Wormdrive, 1.62– 3.50D	4
9	73700	(000000–xxxxxx)	Tube, Blower Wand	2
10	73689	(000000–xxxxxx)	Bracket, Hose, Blower	1
11	76578	(000000–xxxxxx)	Clamp Wldt, Tube, Blower Wand	2
12	69981	(000000–xxxxxx)	Pad, Rubber	5
13	77743	(000000–001118)	Blower Tube Replacement Kit	1
14	69937	(000000–xxxxxx)	Plate, Backing, Handle	1
15	32822	(000000–xxxxxx)	Handle, Grab	1
16	73677	(000000–xxxxxx)	Hose, Rubber	1
17	73653	(000000–xxxxxx)	Bracket Wldt	1
18	69918	(000000–xxxxxx)	Bracket, Support, Blower	1
19	76575	(000000–xxxxxx)	Hose, Rubber	1
20	79012	(000000–xxxxxx)	Cover Wldt, Engine	1
21	73709	(000000–xxxxxx)	Bracket, Channel	1

Fig. 11 – Blower Vac Fan Group



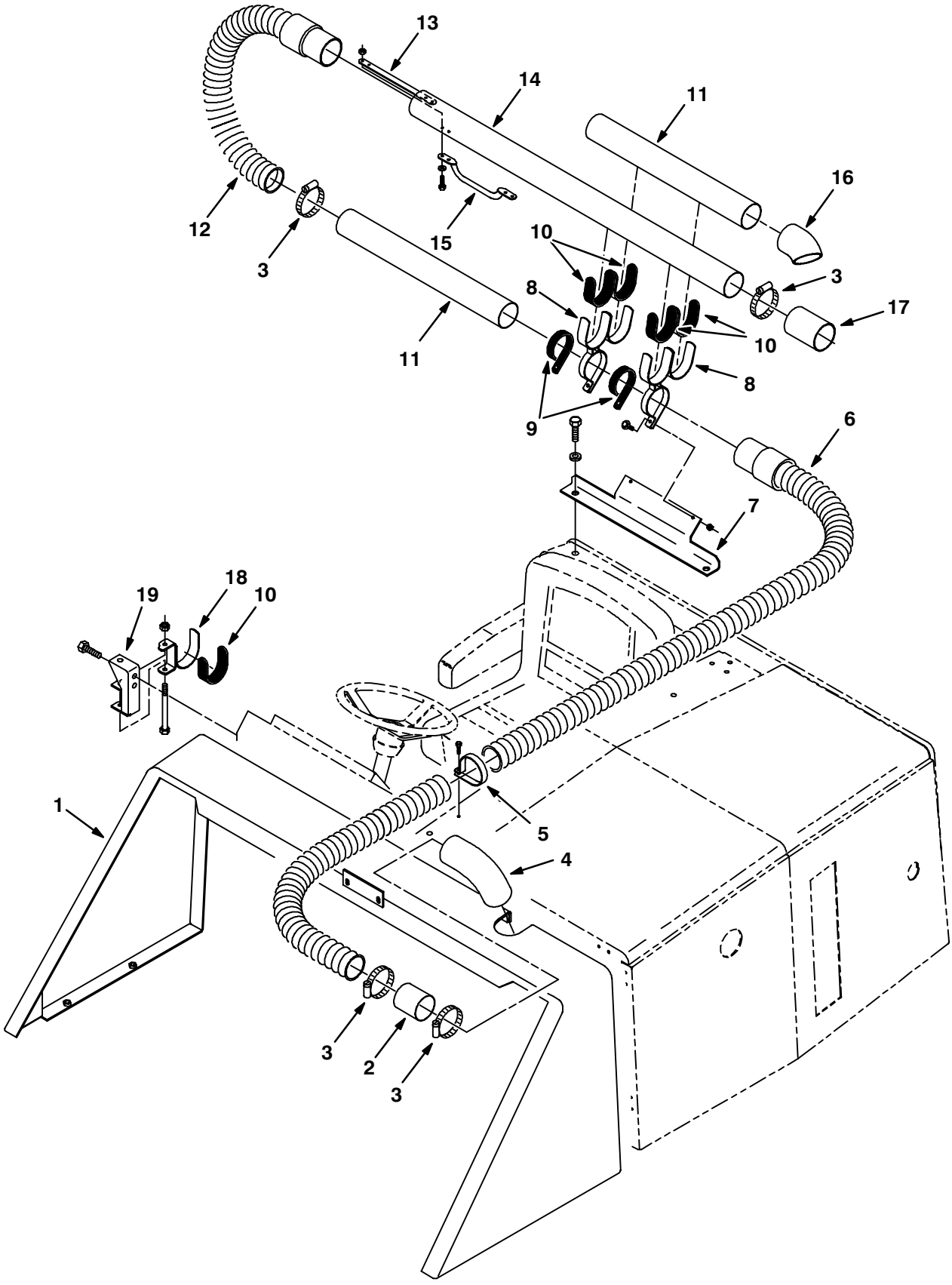
07685/07686

Fig. 11 – Blower Vac Fan Group

NOTE: Blower Kit, TENNANT Part Number 73776, includes Fig. 10, and Fig. 11.

Ref.	Tennant Part No.	Machine Serial Number	Description	Qty.
1	70870	(000000–xxxxxx)	Bracket, Mounting, Lever	1
2	70871	(000000–xxxxxx)	Lever, Blower	1
3	70879	(000000–xxxxxx)	Cable Assy	1
4	70756	(000000–xxxxxx)	Bumper, Rubber	1
5	73656	(000000–xxxxxx)	Housing Wldt, Vac Fan, Front	1
6	73671	(000000–xxxxxx)	Arm, Wldt, Outlet	1
7	43242	(000000–xxxxxx)	Swivel	4
8	87246	(000000–xxxxxx)	Grip Vinyl .18 X .75 X 4.00	1
9	01274	(000000–xxxxxx)	Sprng,Tens,0.965Odx.09Wire4.4L	1
10	73661	(000000–xxxxxx)	Plate, Damper, Outlet	1
11	73663	(000000–xxxxxx)	Arm, Couple	1
12	70878	(000000–xxxxxx)	Cable Assy	1
13	73660	(000000–xxxxxx)	Rod, Inlet	1
14	73664	(000000–xxxxxx)	Plate, Damper, Inlet	1
15	73655	(000000–xxxxxx)	Insulation, Acoustic, Fan	1
16	73674	(000000–xxxxxx)	Duct, Wldt	1
17	44853	(000000–xxxxxx)	Sprng,Comp,0.74Idx.11Wire 1.5L	1
18	76448	(000000–xxxxxx)	Plate, Lever	1
19	16236	(000000–xxxxxx)	Washer,Nyl,0.26 Bx0.72 X.07 Th	2

Fig. 12 – Blower Group

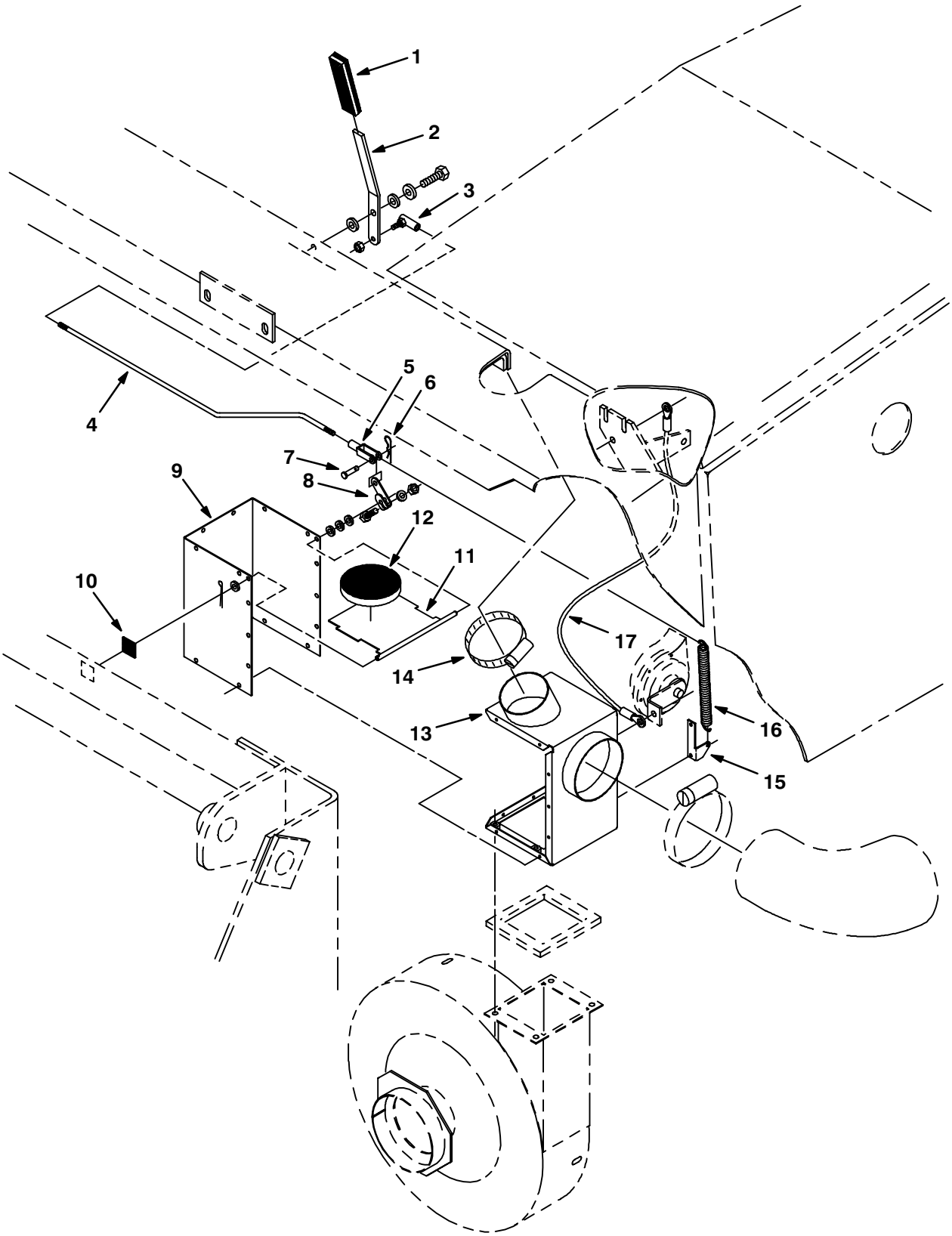


09916/07676

Fig. 12 – Blower Group

Ref.	Tennant Part No.	Machine Serial Number	Description	Qty.
1	77665	(xxxxxx–)	Panel, Lintel	1
2	76945	(xxxxxx–)	Tube, 3.00D 2.88B 3.00,Stl Dom	1
3	43555	(xxxxxx–)	Clamp–Wormdrive, 1.62– 3.50D	4
4	75689	(xxxxxx–)	Hose, Rubber, Elbow, 3.00	1
5	77631	(xxxxxx–)	Clamp, 3.250 Id	1
6	79650	(xxxxxx–)	Hose& Cuff Assy	1
7	73689	(xxxxxx–)	Bracket, Hose, Blower	1
8	76578	(xxxxxx–)	Clamp Wldt, Tube, Blower Wand	2
9	71025	(xxxxxx–)	Pad, Rubber	2
10	69981	(xxxxxx–)	Pad, Rubber	5
11	73700	(xxxxxx–)	Tube, Blower Wand	2
12	64320	(xxxxxx–)	Hose& Cuff Assy,Vinyl3.0Idx 24	1
13	69937	(xxxxxx–)	Plate, Backing, Handle	1
14	77742	(001119–)	Tube, Blower Wand	1
15	32822	(xxxxxx–)	Handle, Grab	1
16	73677	(xxxxxx–)	Hose, Rubber	1
17	76575	(xxxxxx–)	Hose, Rubber	1
18	69918	(xxxxxx–)	Bracket, Support, Blower	1
19	73653	(xxxxxx–)	Bracket Wldt	1

Fig. 13 – Blower Vac Fan Group

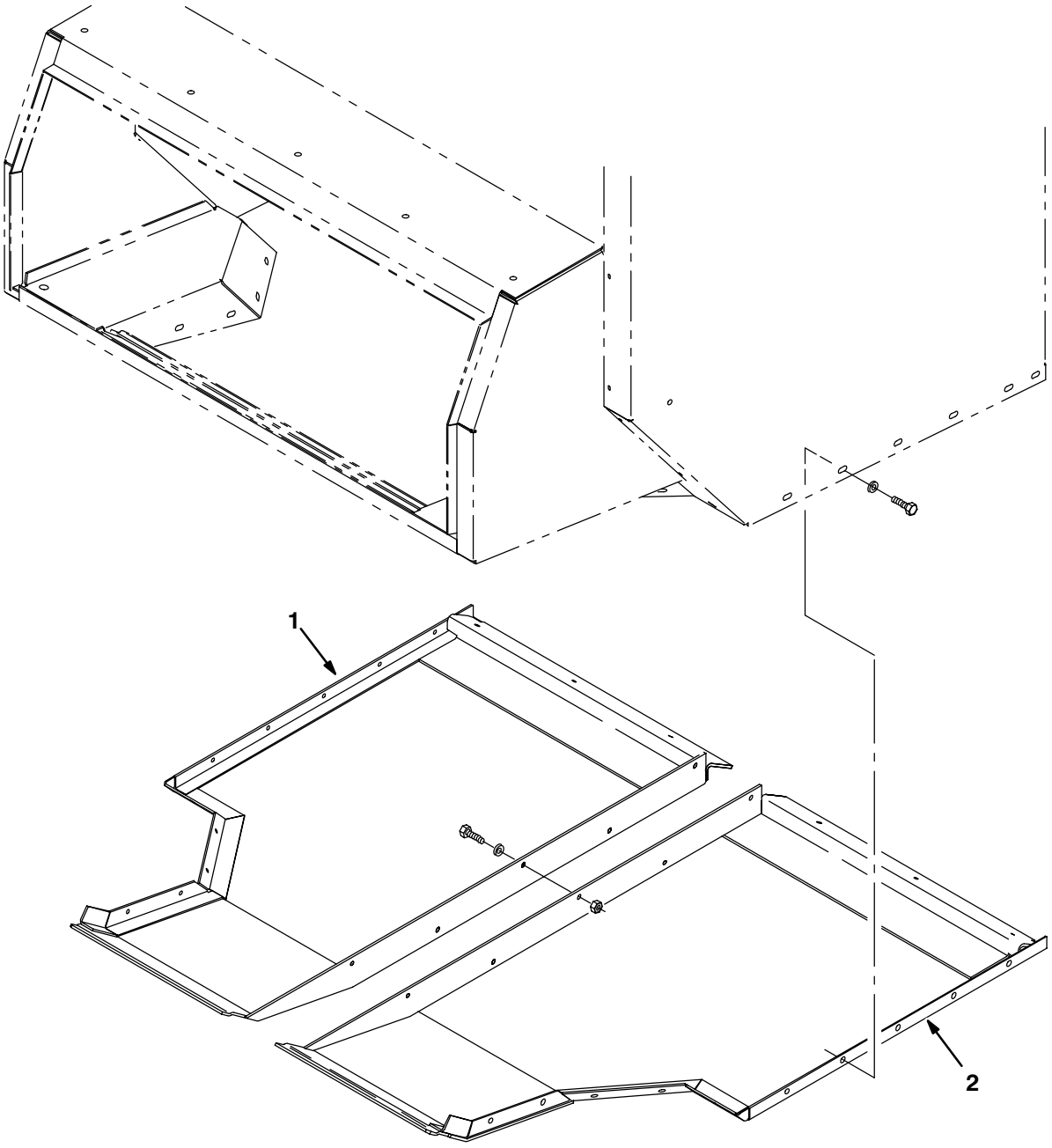


09917/07686

Fig. 13 – Blower Vac Fan Group

Ref.	Tennant Part No.	Machine Serial Number	Description	Qty.
1	87246	(xxxxxx–)	Grip Vinyl .18 X .75 X 4.00	1
2	77662	(xxxxxx–)	Lever	1
3	14601	(xxxxxx–)	Ball Joint, 250–28	1
4	77629	(xxxxxx–)	Rod, Push	1
5	14595–1	(xxxxxx–)	Clevis,Adjust.0.25–28Th.Cad.	1
6	08085	(xxxxxx–)	Pin Hair Cotter .056Dx1.1L	1
7	14605	(xxxxxx–)	Pin,Clevis,0.25 Dia.X 0.75 Lg	1
8	30480	(xxxxxx–)	Lever Carburator	1
9	77538	(xxxxxx–)	Panel, Vac Duct	1
10	21170	(xxxxxx–)	Pad	1
11	77537	(xxxxxx–)	Panel, Flap Valve	1
12	77671	(xxxxxx–)	Insulation, S/Foam	1
13	77542	(xxxxxx–)	Panel, Vac Duct	1
14	43555	(xxxxxx–)	Clamp–Wormdrive, 1.62– 3.50D	1
15	77670	(xxxxxx–)	Bracket	1
16	29260	(xxxxxx–)	Sprng,Tens,0.37Odx.05Wire 4.5L	1
17	82731	(xxxxxx–)	Wire–Ground, Alternator	1

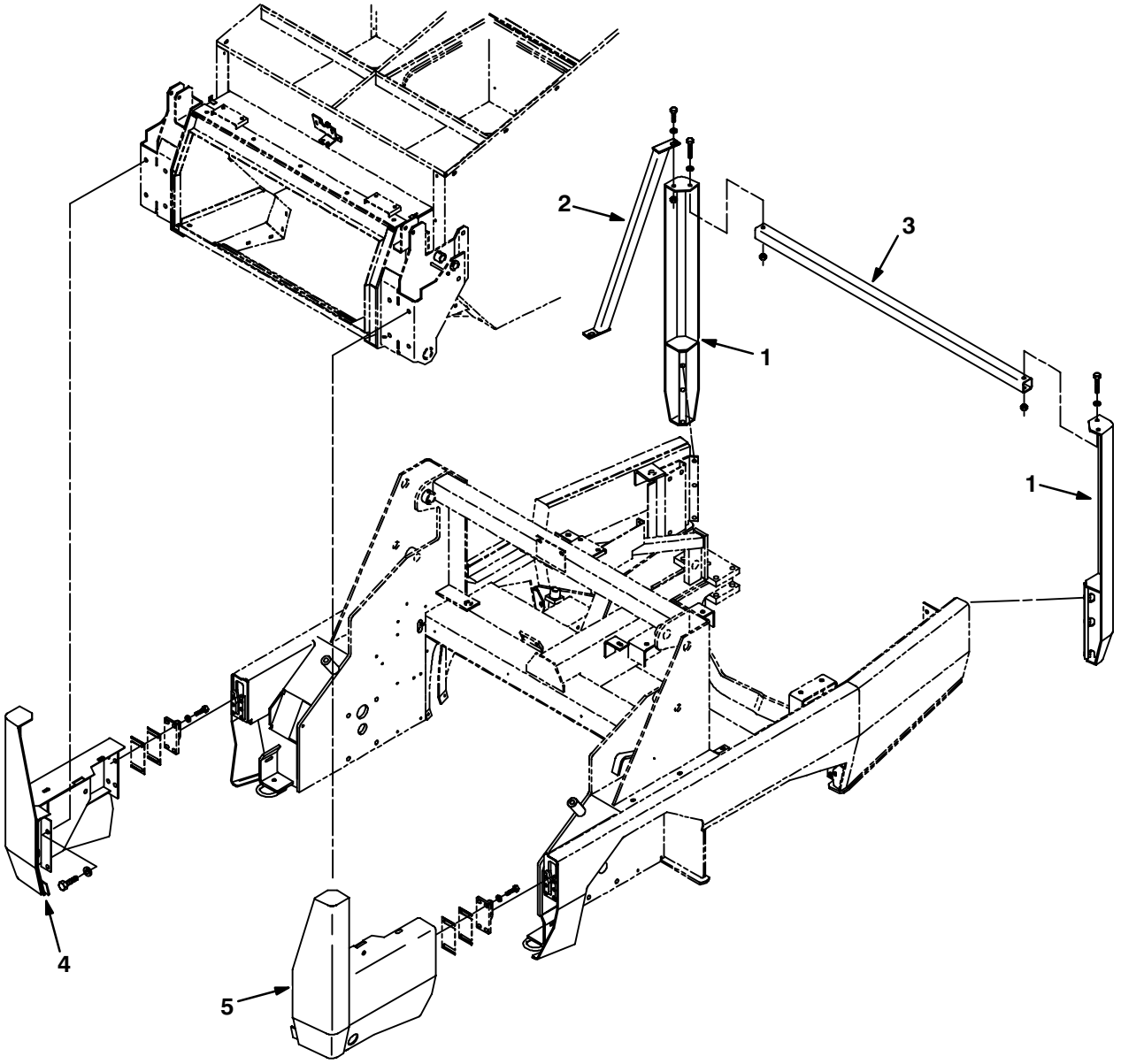
Fig. 14 – Hopper Floor Kit



07667/07668

	Ref.	Tennant Part No.	Machine Serial Number		Description	Qty.
∇		70686	(000000–	)	Hopper Floor Kit, St Stl 800	1
	1	77611	(000000–	)	Panel Wldt, Hopper, Floor, RH	1
	2	77613	(000000–	)	Panel Wldt, Hopper, Floor, LH	1

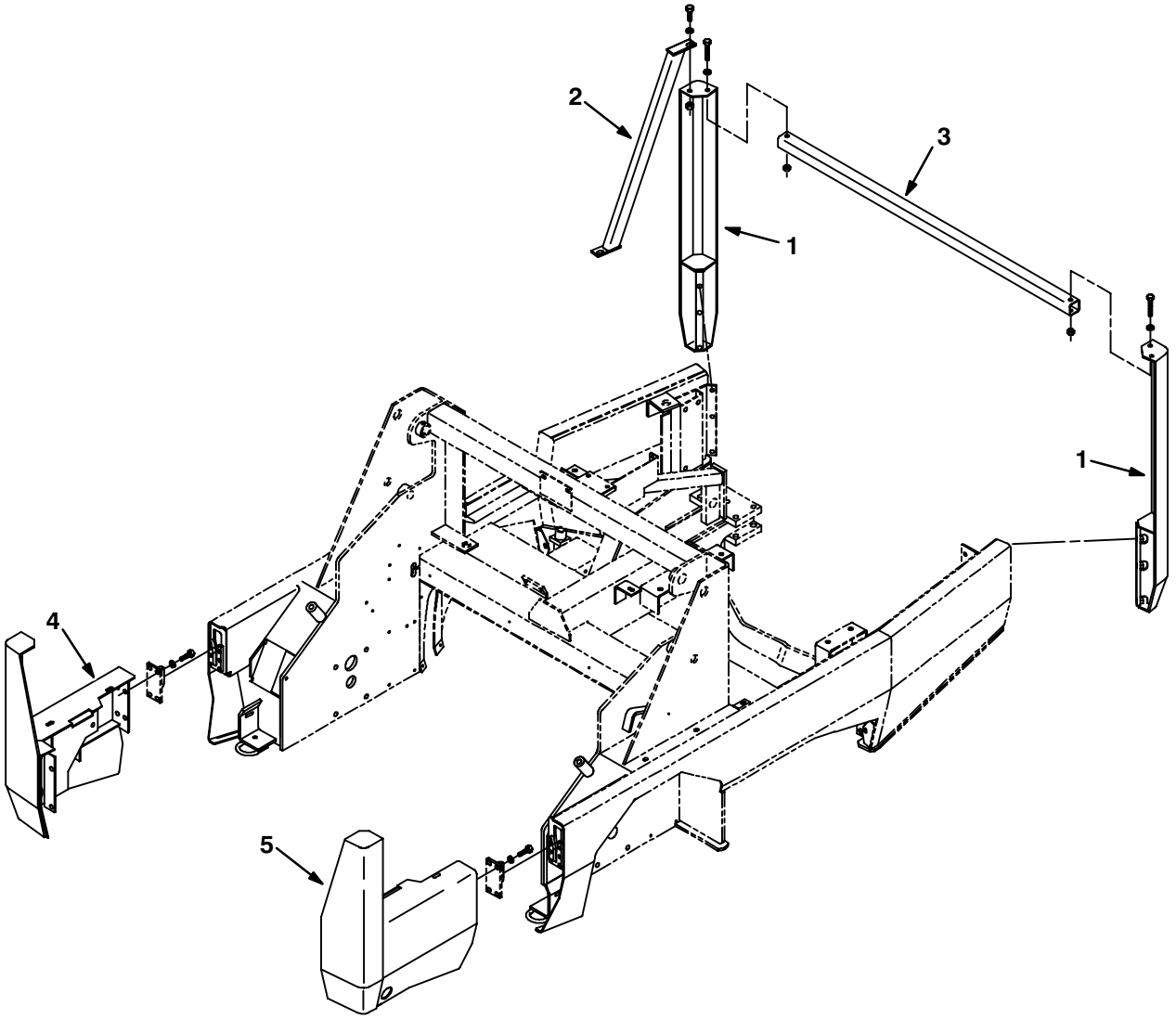
Fig. 15 – Bumper Assembly, SE



07683/07684

	Ref.	Tennant Part No.	Machine Serial Number	Description	Qty.
∇		70684	(000000–001184)	Bumper Assy, Se	1
	1	70802	(000000–001184)	Leg Wldt, Bumper, Se	2
	2	70793	(000000–001184)	Brace Wldt, Bumper, Se	1
	3	70815	(000000–001184)	Tube, Cross, Bumper, Se	1
	4	70885	(000000–001184)	Leg Wldt, Bumper, Se	1
	5	73688	(000000–001184)	Leg Wldt, Bumper, Se	1

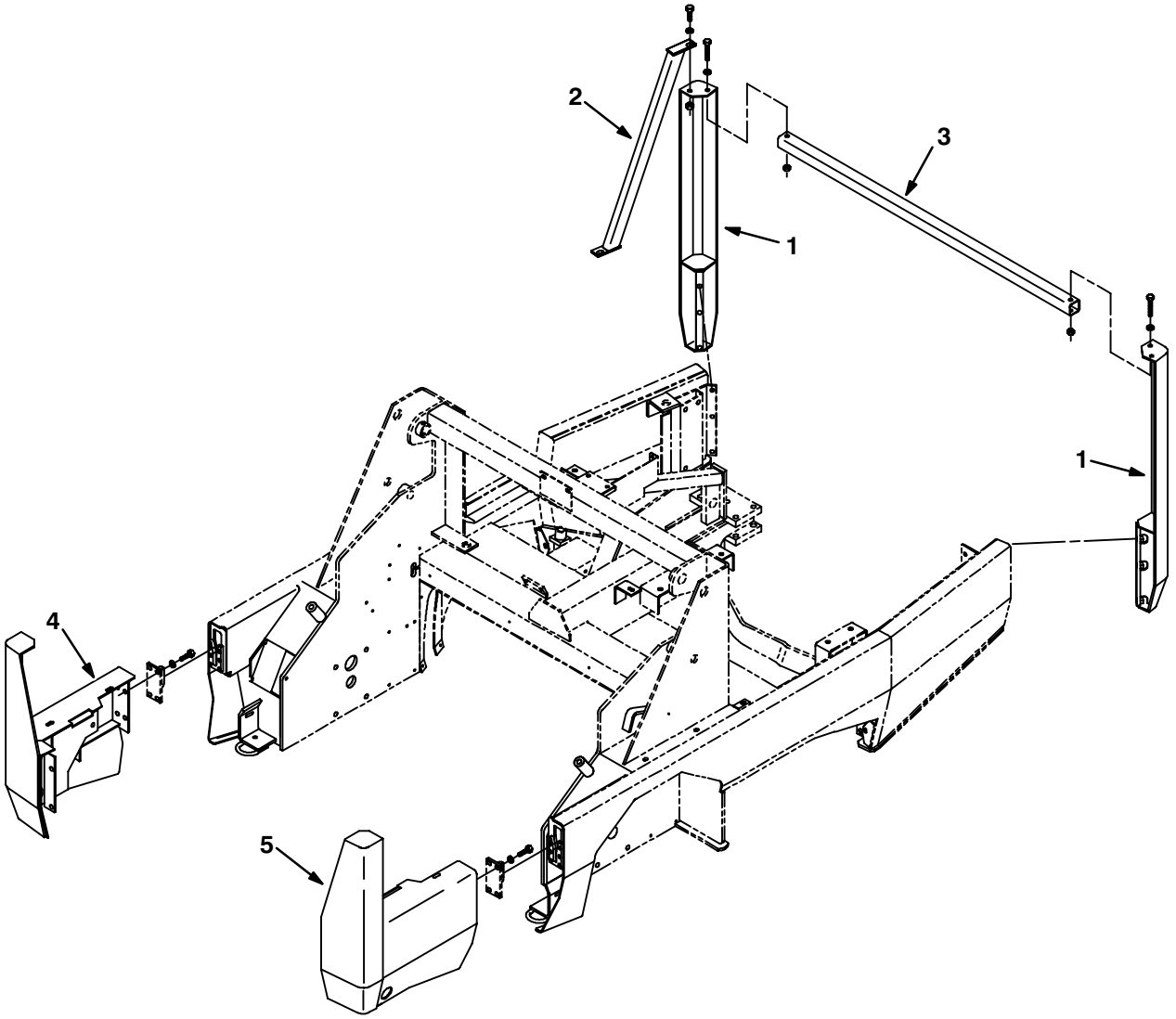
Fig. 16 – Bumper Assembly, SE



09908/09909

	Ref.	Tennant Part No.	Machine Serial Number	Description	Qty.
∇		77545	(001185–001699)	Bumper Assy, Se	1
	1	70802	(001185–001699)	Leg Wldt, Bumper, Se	2
	2	70793	(001185–001699)	Brace Wldt, Bumper, Se	1
	3	70815	(001185–001699)	Tube, Cross, Bumper, Se	1
	4	77519	(001185–001699)	Bumper Wldt, Se, Rh, Front	1
	5	77520	(001185–001699)	Bumper Wldt,Se, Lh, Front	1

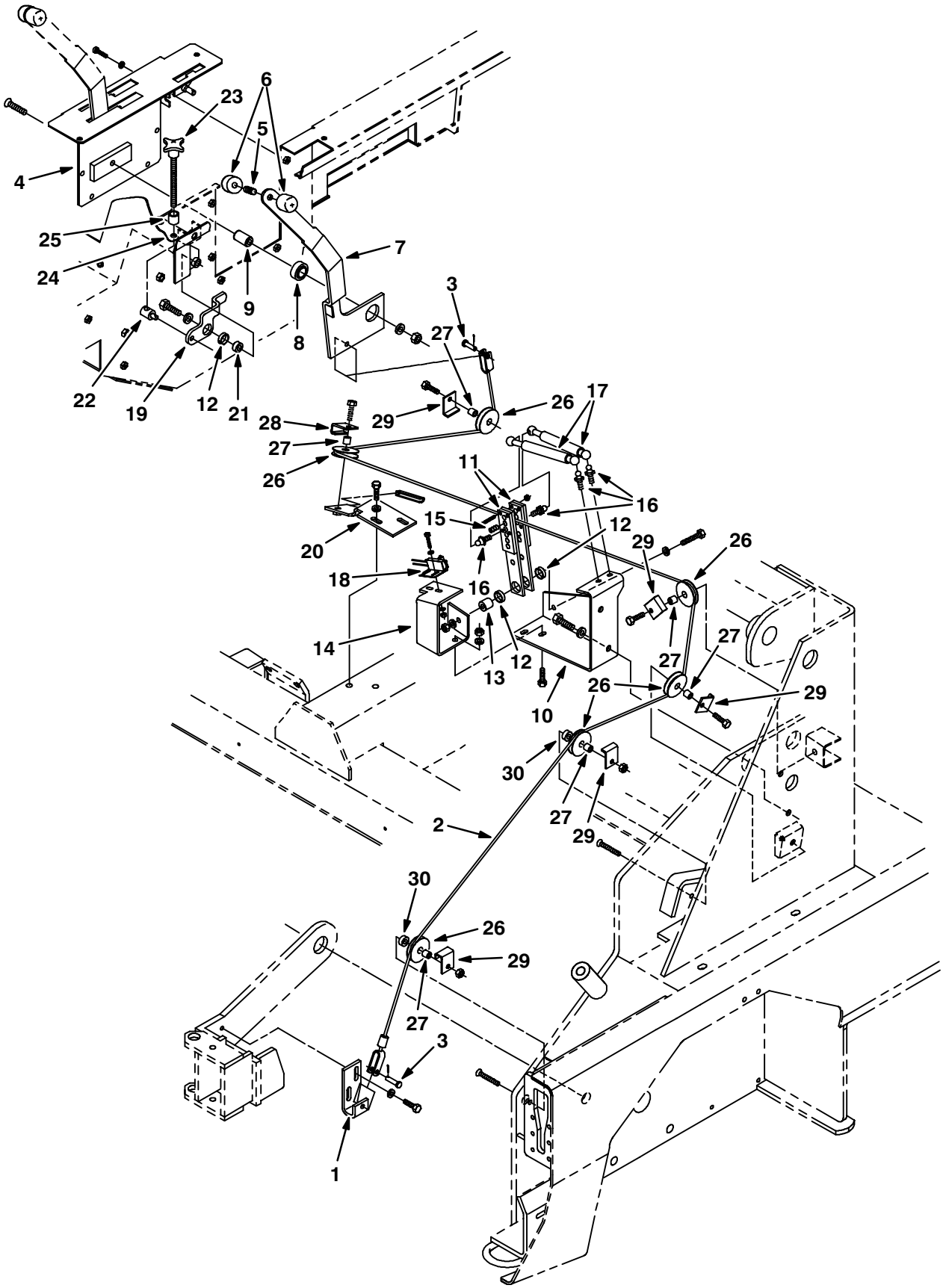
Fig. 17 – Bumper Assembly, SE



10506/09909

	Ref.	Tennant Part No.	Machine Serial Number		Description	Qty.
∇		83557	(001700–	)	Bumper Assy, Se	1
	1	70802	(001700–	)	Leg Wldt, Bumper, Se	2
	2	70793	(001700–	)	Brace Wldt, Bumper, Se	1
	3	70815	(001700–	)	Tube, Cross, Bumper, Se	1
	4	83626	(001700–	)	Bumper Wldt, Se, Rh, Front	1
	5	83627	(001700–	)	Bumper Wldt,Se, Lh, Front	1

Fig. 18 – Side Brush Lift Group, L.H.

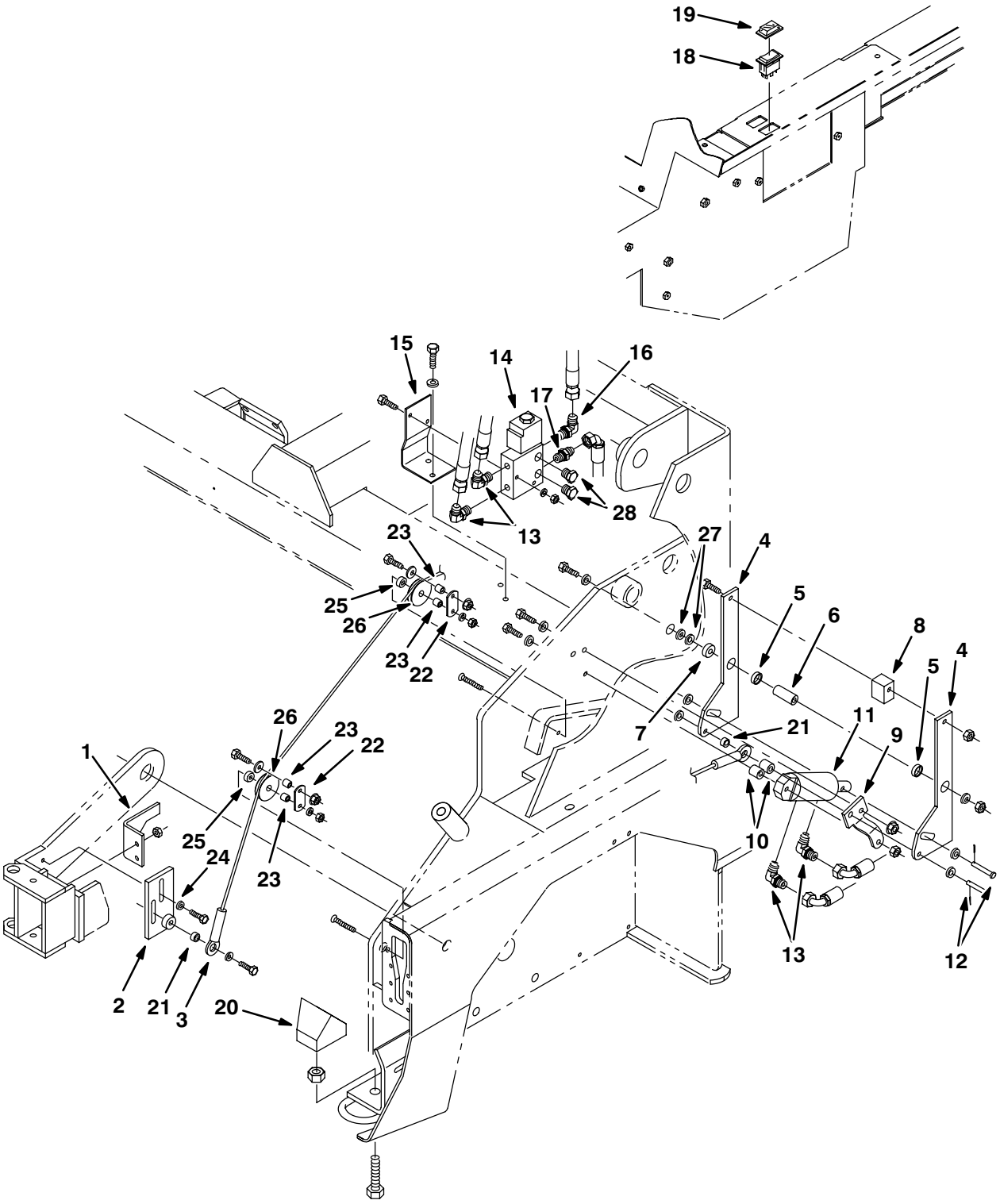


07744/07743

Fig. 18 – Side Brush Lift Group, L.H.

Ref.	Tennant Part No.	Machine Serial Number	Description	Qty.
1	75282	(000000–001176)	Bracket, Channel	1
2	75537	(000000–001176)	Cable Assy, Side Brush, Lift	1
3	69582	(000000–001176)	Pin,Clevis,0.31 Dia X 1.00 Lg	2
4	75870	(000000–001176)	Plate Wldt, Cover	1
5	75859	(000000–001176)	Rod–Thread, Full M10X1.5 X1.50	1
6	75857	(000000–001176)	Knob, Handle, Threaded	2
7	75022	(000000–001176)	Handle Wldt, Side Brush Lift	1
8	54663	(000000–001176)	Bearing, Self Aligning	1
9	75023	(000000–001176)	Spacer .77Od .406Id 1.318Lg	1
10	75491	(000000–001176)	Bracket Wldt	1
11	74031	(000000–001176)	Lever Wldt	2
12	74090	(000000–001176)	Bearing	3
13	73818	(000000–001176)	Sleeve, .375B .75D .75 Stl	1
14	75092	(000000–001176)	Bracket, Pivot	1
15	39338	(000000–001176)	Scr Set .31–18X0.50	1
16	58494	(000000–001176)	Stud, Ball, Gas Spring	4
17	73714	(000000–001176)	~~Strip, Retainer, Seal, Rh~~ Gasspring	2
18	59962	(000000–001176)	Switch, Roller	1
19	70797	(000000–001176)	Lever	1
20	75082	(000000–001176)	Bracket, Mtg, Pulley	1
21	75894	(000000–001176)	Spacer	1
22	70444	(000000–001176)	Rod, Cam Adjuster	1
23	54848	(000000–001176)	Knob, Adjusting	1
24	52296	(000000–001176)	Washer,Nyl,0.405Bx0.812X.060Th	1
25	75892	(000000–001176)	Tube, .75D .172W .75 Stl	1
26	58279	(000000–001176)	Pulley – Cable, 1.5 Dia	6
27	56624	(000000–001176)	Spacer, Pulley	6
28	74899	(000000–001176)	Bracket, Cable Keeper	2
29	54400	(000000–001176)	Angle, Cable Keeper	4
30	73737	(000000–001176)	Sleeve, .375B .75D .32 Stl	2

Fig. 19 – Side Brush Lift Group, L.H.

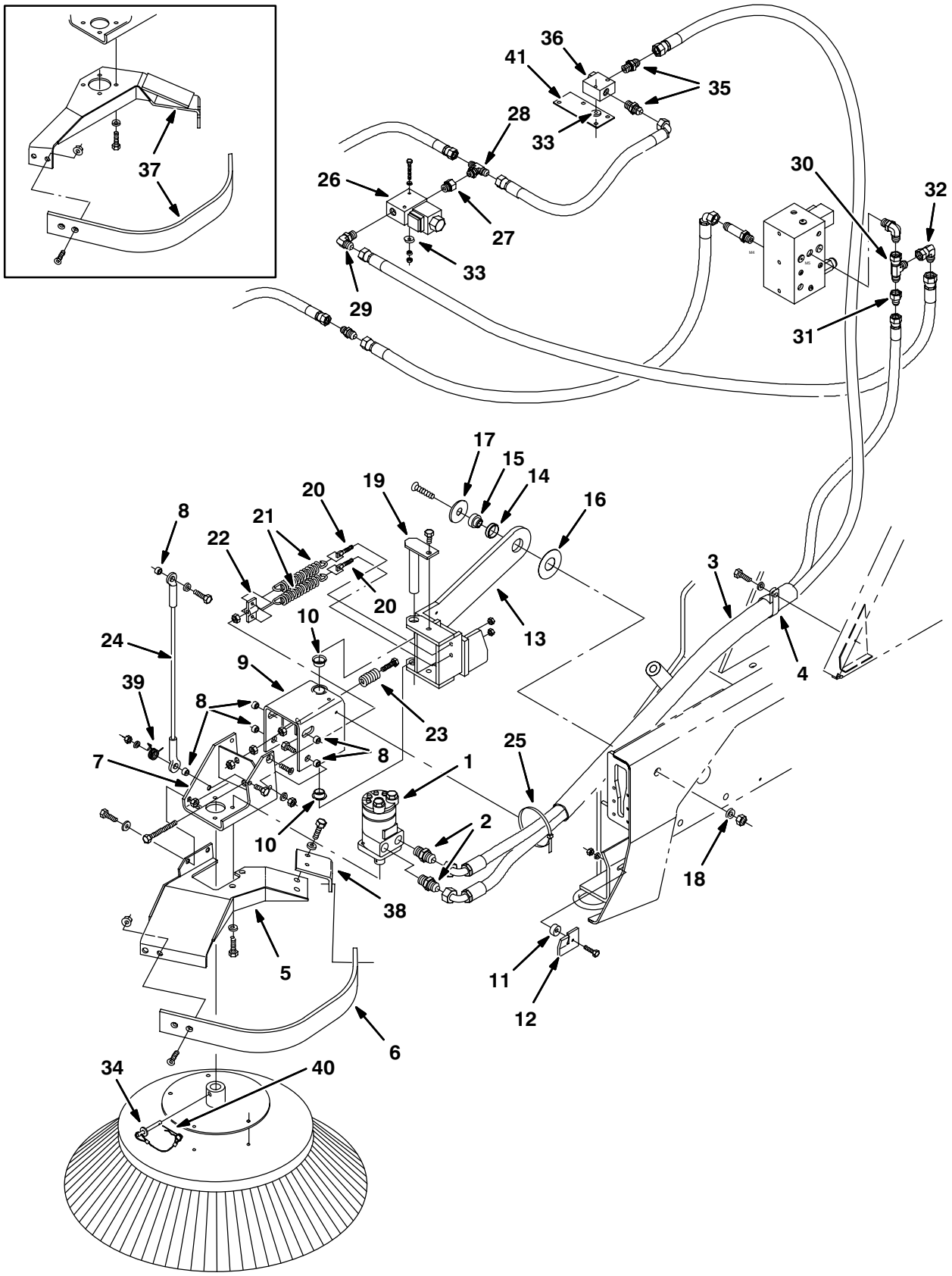


09910/07741

Fig. 19 – Side Brush Lift Group, L.H.

Ref.	Tennant Part No.	Machine Serial Number		Description	Qty.
1	77458	(001177–	)	Bracket, Angle	1
2	77569	(001177–	)	Plate Wldt	1
3	77568	(001177–	)	Cable, Side Brush, Lift	1
4	77584	(001177–	)	Plate	2
5	74090	(001177–	)	Bearing	2
6	77597	(001177–	)	Sleeve, 0.406B 0.75D1.80 Stl	1
7	77727	(001177–	)	Sleeve .438B 1.00D .35Stl	1
8	77459	(001177–	)	Spacer	1
9	77783	(001177–	)	Plate, Angle	1
10	77600	(001177–	)	Sleeve, 0.406B .750D .800Stl	2
11	77599	(001177–	)	Cylinder, Hyd 1.5B 1.5S 2500	1
12	51813	(001177–	)	Pin,Clevis,0.37 Dia.X 2.12 Lg	2
13	77097	(001177–	)	Ftg–Hyd E90 Jm04/Om04	4
14	77771	(001177–001699	)	Valve, Hyd, Control Solenoid	1
14	84016	(001700–	)	Valve, Hyd, Solenoid (See Breakdowns)	1
15	21231	(001177–	)	Bracket, Side Brush, Valve	1
16	56820	(001177–	)	Ftg–Hyd E90 Jm06/Om06	1
17	56690	(001177–	)	Ftg–Hyd Str Jm06/Om06	1
18	65561	(001177–	)	Switch Rocker Spst	1
19	57807	(001177–	)	Cover, Rocker Switch Seal	1
20	77738	(001177–	)	Block	1
21	65174	(001177–	)	Spacer	2
22	79115	(001177–	)	Plate, Side Brush, Roller	2
23	56624	(001177–	)	Spacer, Pulley	4
24	41186	(001177–	)	Washer–Belleville .31 Pltd	1
25	73737	(001177–	)	Sleeve, .375B .75D .32 Stl	2
26	58279	(001177–	)	Pulley – Cable, 1.5 Dia	2
27	32492	(001177–	)	Flat Washer, 3/8” Hard	2
28	46482	(001700–	)	Ftg–Hyd Plg Om06	2

Fig. 20 – Side Brush Group, L.H.

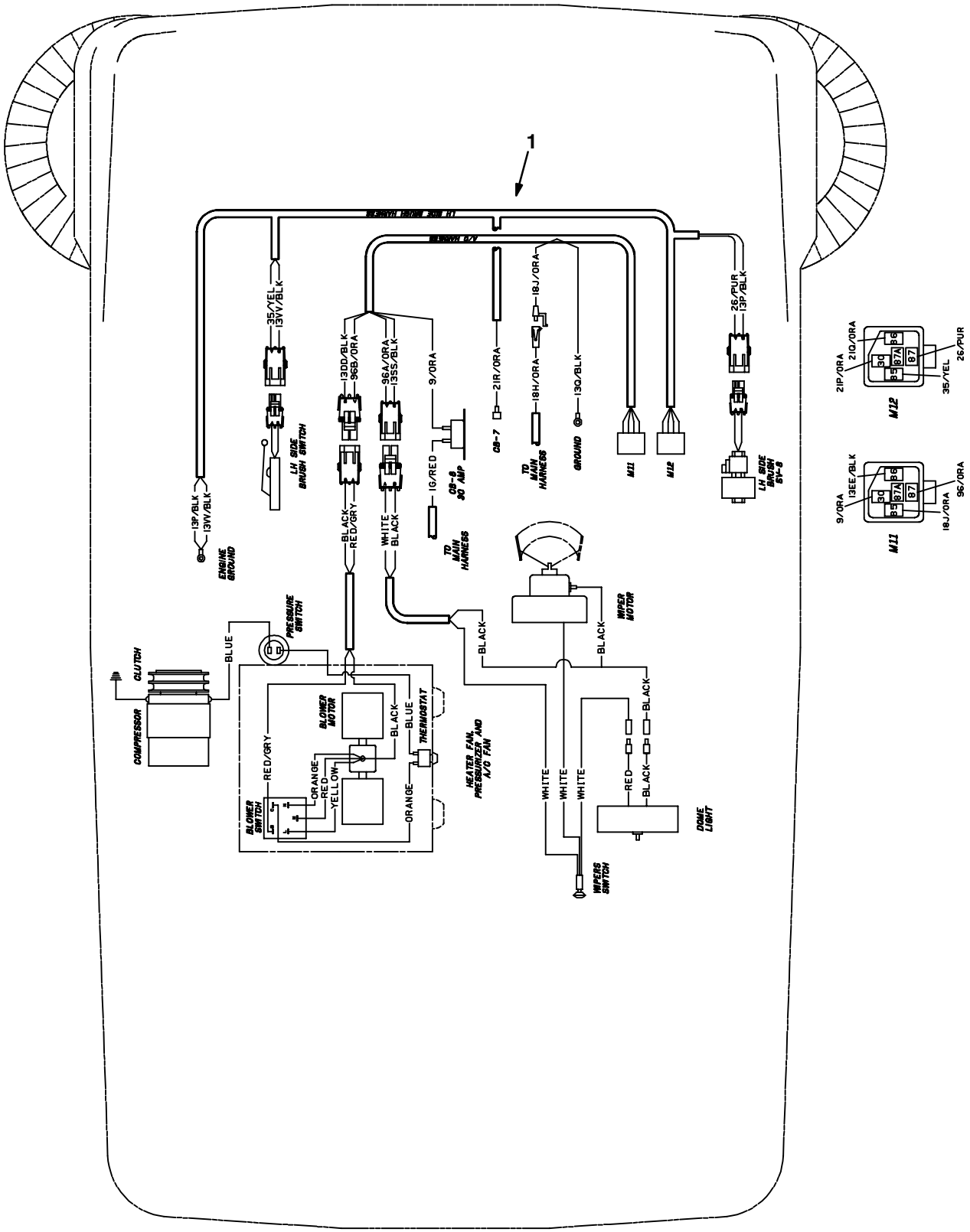


07740/07739

Fig. 20 – Side Brush Group, L.H.

Ref.	Tennant Part No.	Machine Serial Number		Description	Qty.
1	62564	(000000–001477	)	Motor, Hyd (Repl. By 79781) (See Breakdowns)	1
1	79781	(001478–	)	Motor, Hyd Gear In 17.9 B 1500 (See Breakdowns)	1
2	47508	(000000–	)	Ftg–Hyd StrJm06/Om10	2
3	76461	(000000–	)	Sleeve, Nylon #27 55.Ol	1
4	86328	(000000–	)	Clamp, Cable 1.5 Dia	1
5	21250	(001340–	)	Guard Wldt, Sidebrush	1
6	21252	(001340–	)	Guard, Side Brush	1
7	75142	(000000–	)	Bracket, Mounting, Motor	1
8	65174	(000000–	)	Spacer	6
9	75099	(000000–	)	Bracket Wldt, Pivot	1
10	04761	(000000–	)	Bearing, Flange .875 Bore	2
11	74059	(000000–	)	Spacer	1
12	75899	(000000–	)	Bracket, Angle	1
13	75117	(000000–	)	Bracket Wldt, Lift	1
14	70627	(000000–	)	Bearing	1
15	70526	(000000–	)	Shaft, Pivot	1
16	70524	(000000–	)	Washer, 1.300B 3.000	1
17	70525	(000000–	)	Spacer	1
18	36328	(000000–	)	Washer–Belleville .50 Pltd	1
19	70431	(000000–	)	Pin	1
20	70626	(000000–	)	Bolt–Eye M8–1.25	2
21	65160	(000000–	)	Spring, Extension	2
22	65173	(000000–	)	Bracket, Spring	1
23	65180	(000000–	)	Spring, Comp	1
24	70532	(000000–	)	Cable, Retaining, Side Brush	1
25	49263	(000000–	)	Tie Cable 3.00D Max 11.41Lg	1
26	65391	(000000–001699	)	Valve–Hyd, Solenoid (See Breakdowns)	1
26	84015	(001700–	)	Valve–Hyd, Solenoid (See Breakdowns)	1
27	47637	(000000–	)	Ftg–Hyd Str Om08/Of06	1
28	67683	(000000–	)	Ftg–Hyd Tee Jm06Omjm	1
29	44868	(000000–	)	Ftg–Hyd E90 Jm08/Om08	1
30	45482	(000000–	)	Ftg–Hyd Tee Jm08Jmjf	1
31	47753	(000000–	)	Ftg–Hyd Str Jm06/Jf08	1
32	17980	(000000–	)	Ftg–Hyd E90 Jm08/Jf08	1
33	63416	(000000–	)	Washer, .310B .88D .12Rbr	4
34	21035	(000000–	)	Pin Assy, .312X3.0 W/Lanyard	1
35	56690	(000000–	)	Ftg–Hyd Str Jm06/Om06	2
36	79621	(000000–	)	Check Valve, 100 Psi	1
37	21253	(000000–001339	)	Guard Replmt Kit Side Brush Lh	1
38	21251	(001340–	)	Plate, Angle	1
39	79124	(000000–	)	Spring, Torsion	1
40	44906	(000000–	)	Pin,Hair Cotter #Lhcot–2,Leitk	1
41	79622	(000000–	)	Plate, Mtg, Check Valve	1

Fig. 21 – Side Brush Wire Harness Group, L.H.

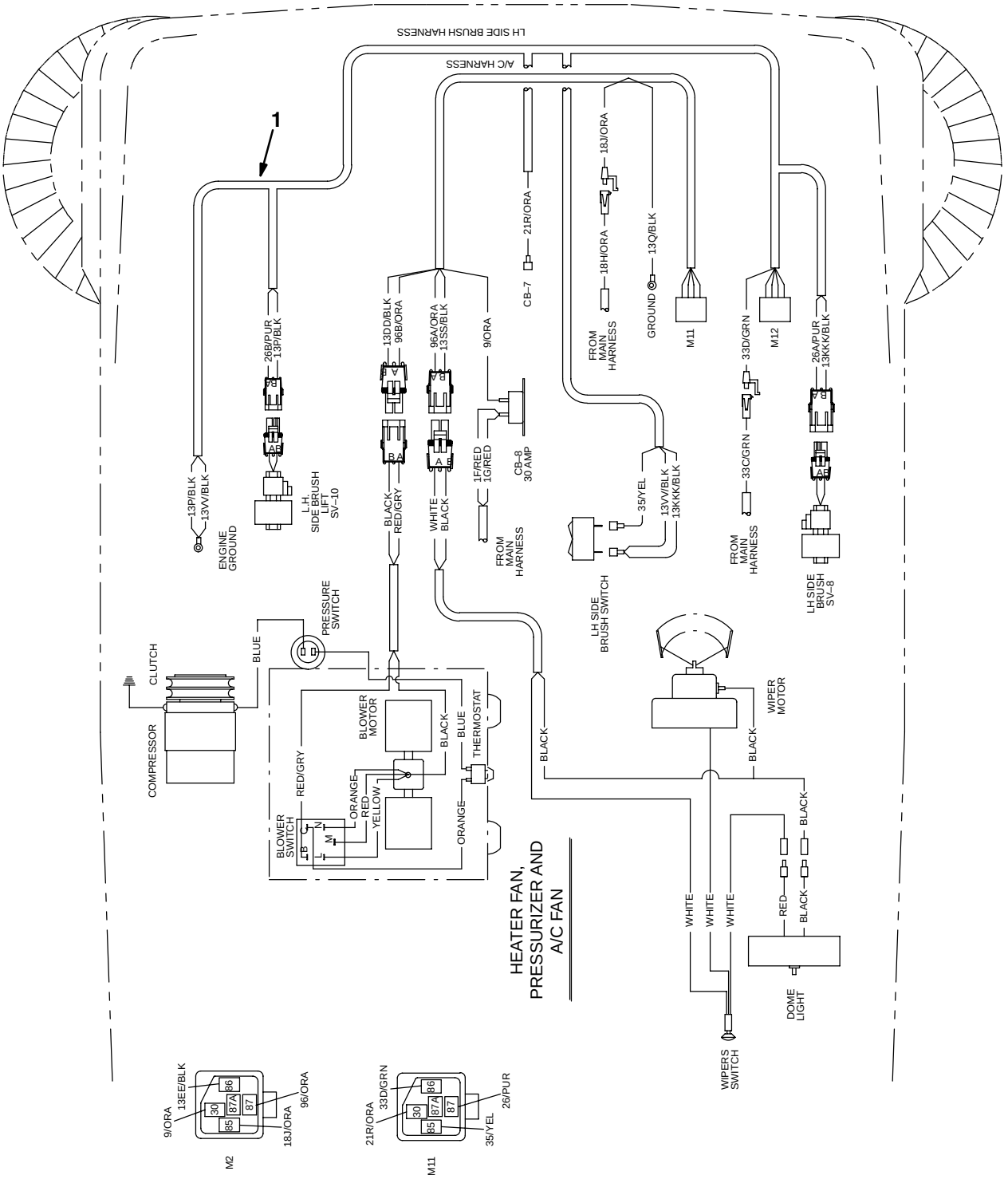


08776/08564

Ref.	Tennant Part No.	Machine Serial Number	Description	Qty.
1	77726	(000000–001699)	Harness, Side Brush, L.H.	1

Home Find... Go To..

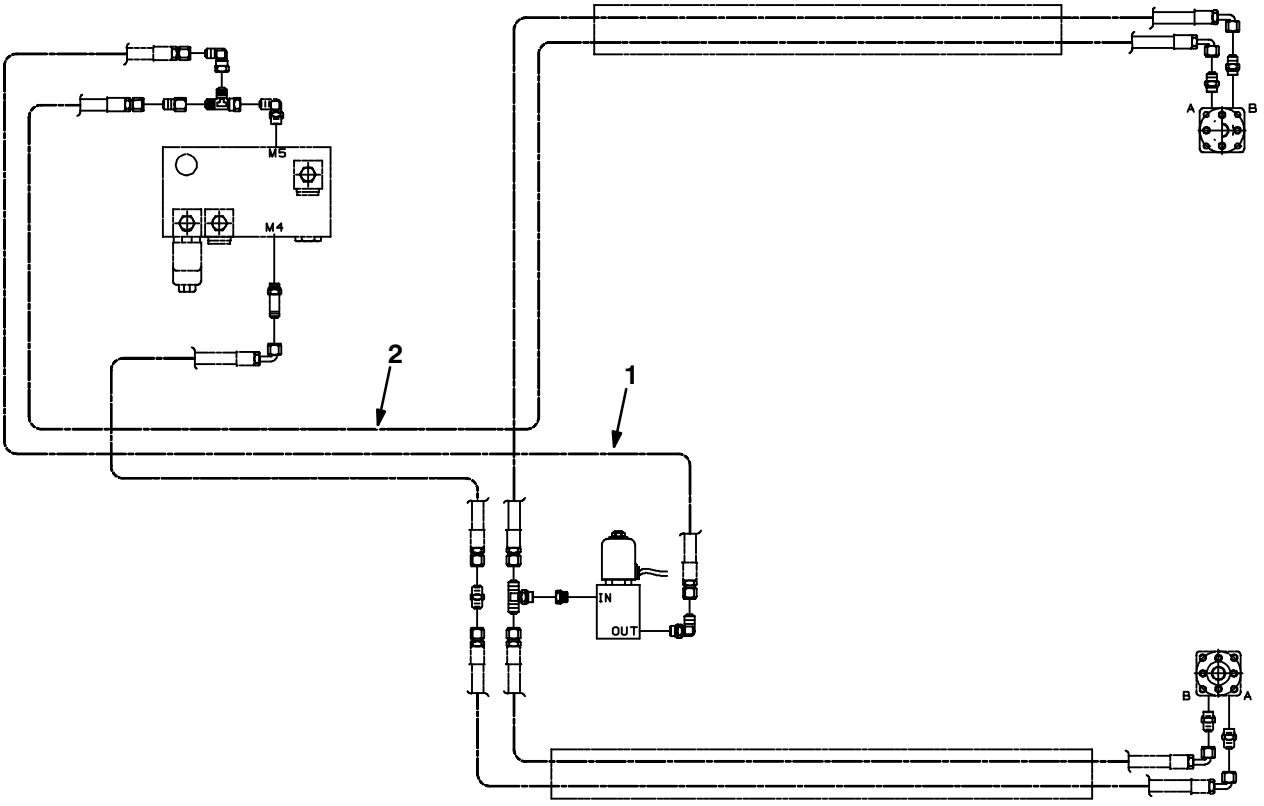
Fig. 22 – Side Brush Wire Harness Group, L.H.



10505/10501

Ref.	Tennant Part No.	Machine Serial Number	Description	Qty.
1	83699	(001700–)	Harness, Side Brush, L.H.	1

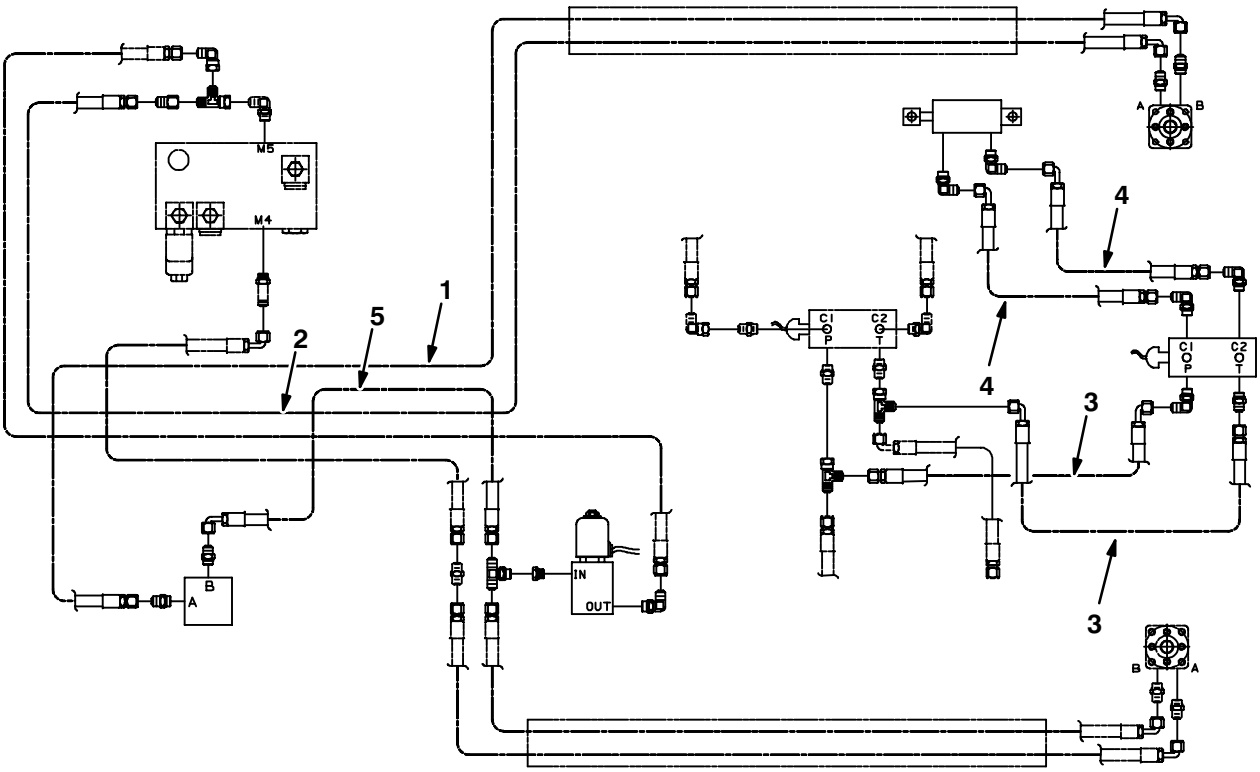
Fig. 23 – Side Brush Hydraulic Hose Group, L.H.



08762/08763

Ref.	Tennant Part No.	Machine Serial Number	Description	Qty.
1	76684	(000000–001176)	Hose–Hyd Med06 Jf/J9	1
2	31597	(000000–001176)	Hose–Hyd Med06 Jf/J9	1

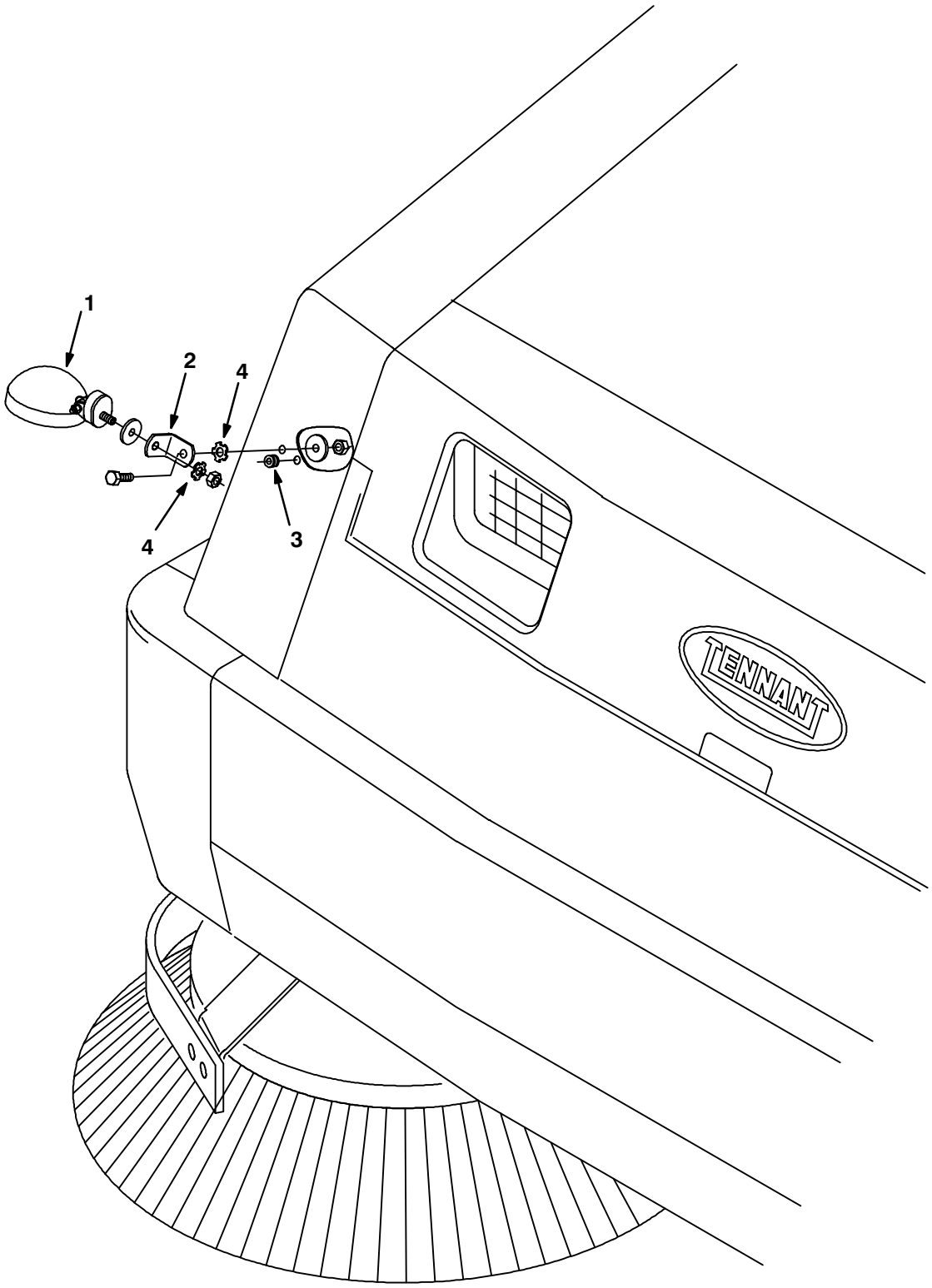
Fig. 24 – Side Brush Hydraulic Hose Group, L.H.



09913/08763

Ref.	Tennant Part No.	Machine Serial Number		Description	Qty.
1	76684	(001177–	)	Hose–Hyd Med 06	1
2	65194	(001177–	)	Hose–Hyd Med 06	1
3	78998	(001177–	)	Hose–Hyd Med 06	2
4	57963	(001177–	)	Hose–Hyd Med 04	2
5	01999	(001259–	)	Hose–Hyd Med 06	1

Fig. 25 – Side Brush Light Group

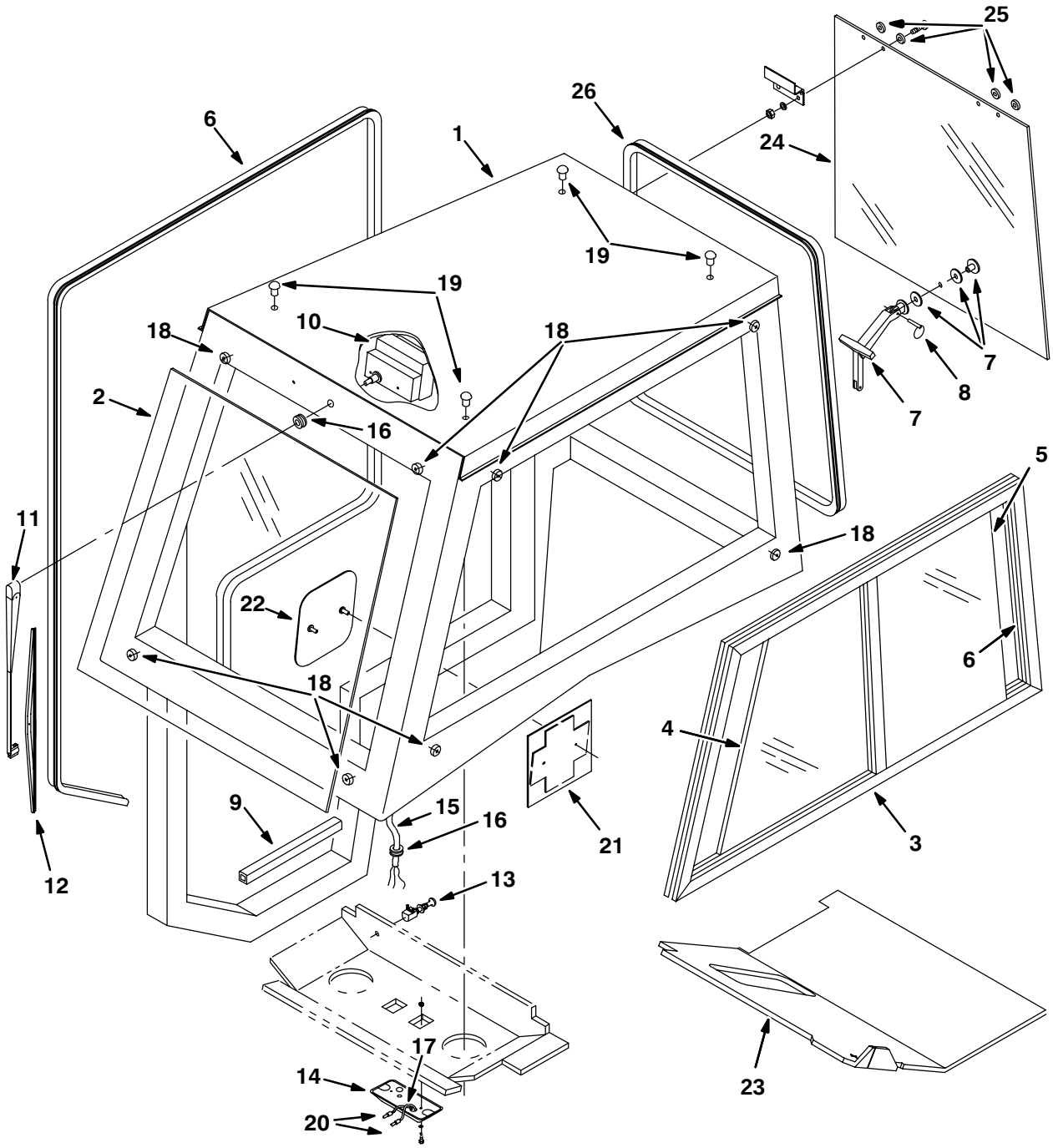


08757/08756

Fig. 25 – Side Brush Light Group

	Ref.	Tennant Part No.	Machine Serial Number		Description	Qty.
∇		70699	(000000–	)	Light Kit, Side Brush	1
	1	61424	(000000–	)	Light, Spot Hi–D 255Ii L	1
	2	76385	(000000–	)	Bracket, Angle	1
	3	10632–5	(000000–	)	Grommet Rbr 0.25Id For .09Matl	1
	4	41141	(000000–	)	Washer–Loc Int–Ext .31 Pltd	2

Fig. 26 – Cab Group

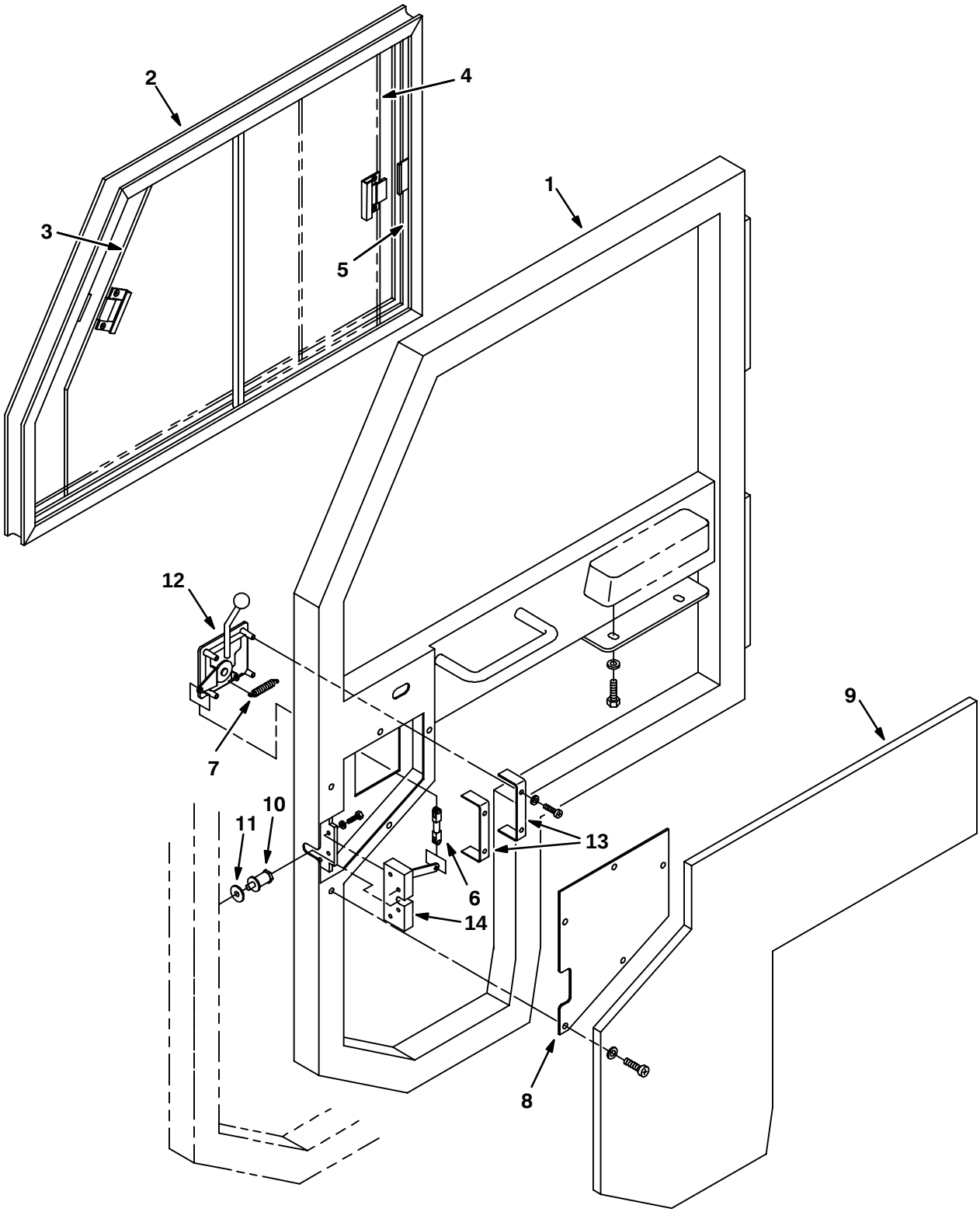


08781/08782

Fig. 26 – Cab Group

	Ref.	Tennant Part No.	Machine Serial Number		Description	Qty.
	1	75820	(000000–	)	Cab Body	1
	2	75822	(000000–	)	Glass, Windshield	1
∇	3	75823	(000000–	)	Glass, Sliding, Lh	1
	4	21307	(000000–	)	Frnt Glass Asy–Cab	1
	5	21308	(000000–	)	Rear Glass Asy–Cab	1
	6	21309	(000000–	)	Frame Asy–Cab	1
	7	76950	(000000–	)	Latch, Rear Wind	1
	8	76971	(000000–	)	Ring, Rear Window	1
	9	76973	(000000–	)	Seal Cw	1
	10	76977	(000000–	)	Motor, Wiper 12V	1
	11	76980	(000000–	)	Arm, Rear Wiper	1
	12	76982	(000000–	)	Blade Arm, Rear	1
	13	76985	(000000–	)	Switch, Wiper Motor	1
	14	76996	(000000–	)	Light, Dome 12V	1
	15	77810	(000000–	)	Harness, Wire	1
	16	77811	(000000–	)	Grommet	2
	17	77812	(000000–	)	Wire, Dome Light	2
	18	77813	(000000–	)	Spacer	8
	19	77814	(000000–	)	Closure	4
	20	77815	(000000–	)	Disconnect, Male	2
	21	70785	(000000–	)	Bracket Wldt, Cab, Lpg	1
	22	70788	(000000–	)	Cover, Cab, Lpg	1
	23	76522	(000000–	)	Tread, Floormat, Rubber, Cab	1
	24	75824	(000000–	)	Glass, Rear	1
	25	75825	(000000–	)	Spacer, Glass	4
	26	76948	(000000–	)	Gasket, Push On	1
		21310	(000000–	)	Seal Kit, Cab	1

Fig. 27 – Cab Door Assembly

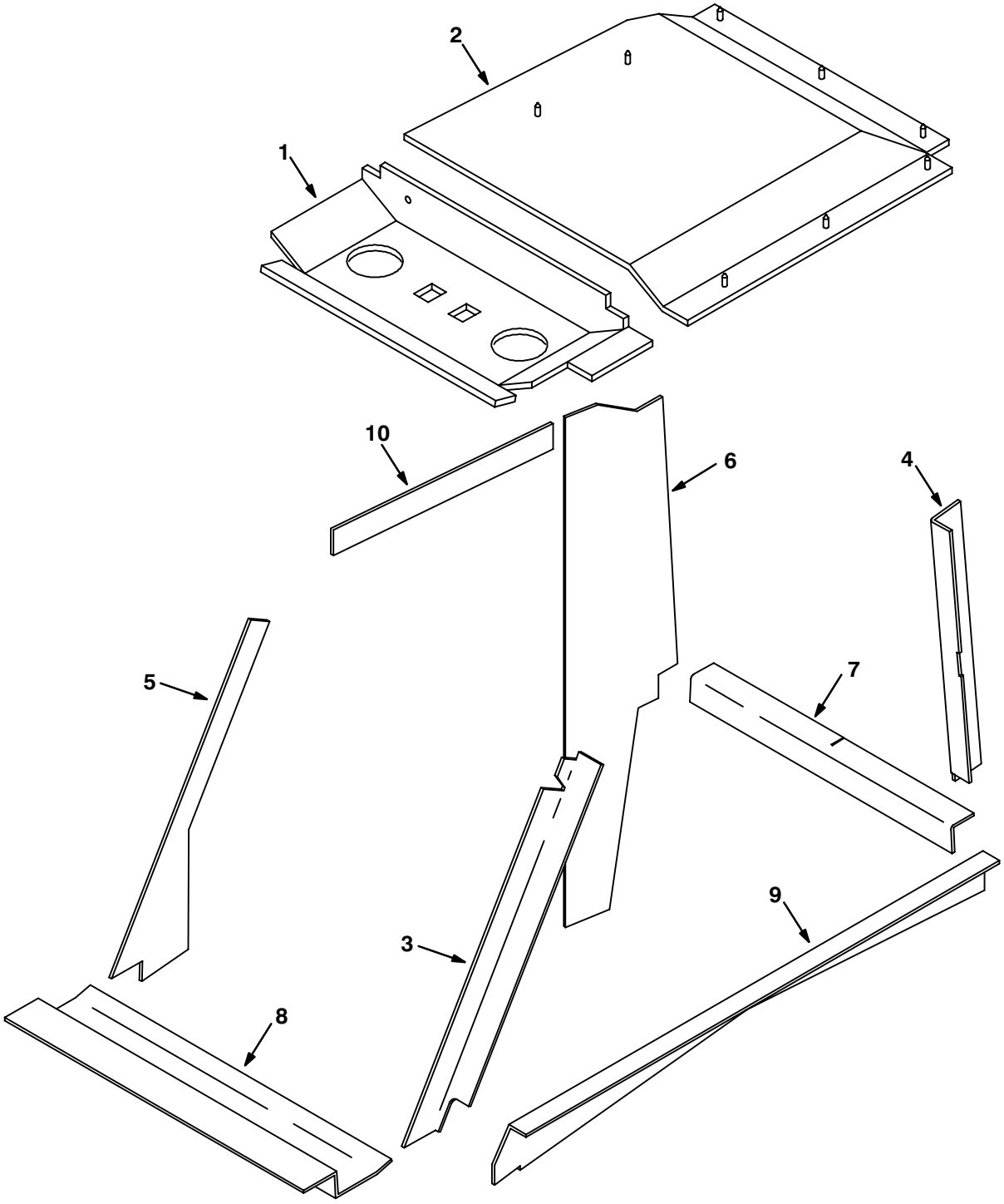


08783/08784

Fig. 27 – Cab Door Assembly

	Ref.	Tennant Part No.	Machine Serial Number		Description	Qty.
∇		75821	(000000–	)	Door Group	1
	1	77816	(000000–	)	Door Cw	1
∇	2	77817	(000000–	)	Sliding Glass	1
	3	21311	(000000–	)	Frnt Glass Asy–Door	1
	4	21312	(000000–	)	Rear Glass Asy–Door	1
	5	21313	(000000–	)	Frame Assy–Door	1
	6	77821	(000000–	)	Link, Connecting	1
	7	77822	(000000–	)	Pin Assy, Spring	2
	8	77823	(000000–	)	Plate	1
	9	77824	(000000–	)	Foam, Door	1
	10	76975	(000000–	)	Striker Assy	1
	11	76976	(000000–	)	Shim, Door Striker	2
∇	12	77818	(000000–	)	Paddle Handle	1
		21150	(000000–	)	Key Set	1
	13	77819	(000000–	)	Bracket	2
	14	77820	(000000–	)	Clam Latch	1

Fig. 28 – Cab Insulation Group

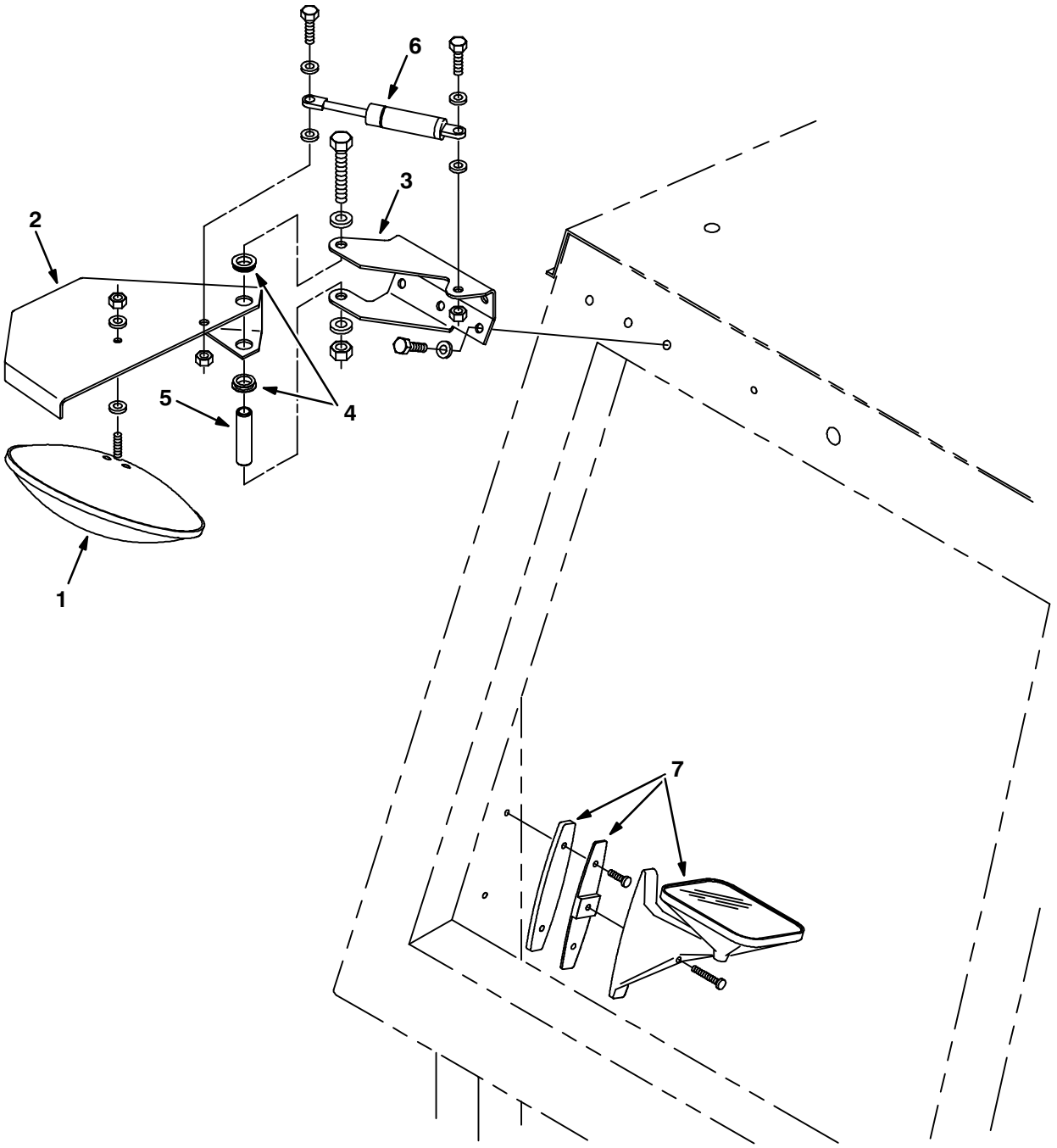


08952/08953

Fig. 28 – Cab Insulation Group

Ref.	Tennant Part No.	Machine 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

Fig. 29 – Mirror Kit

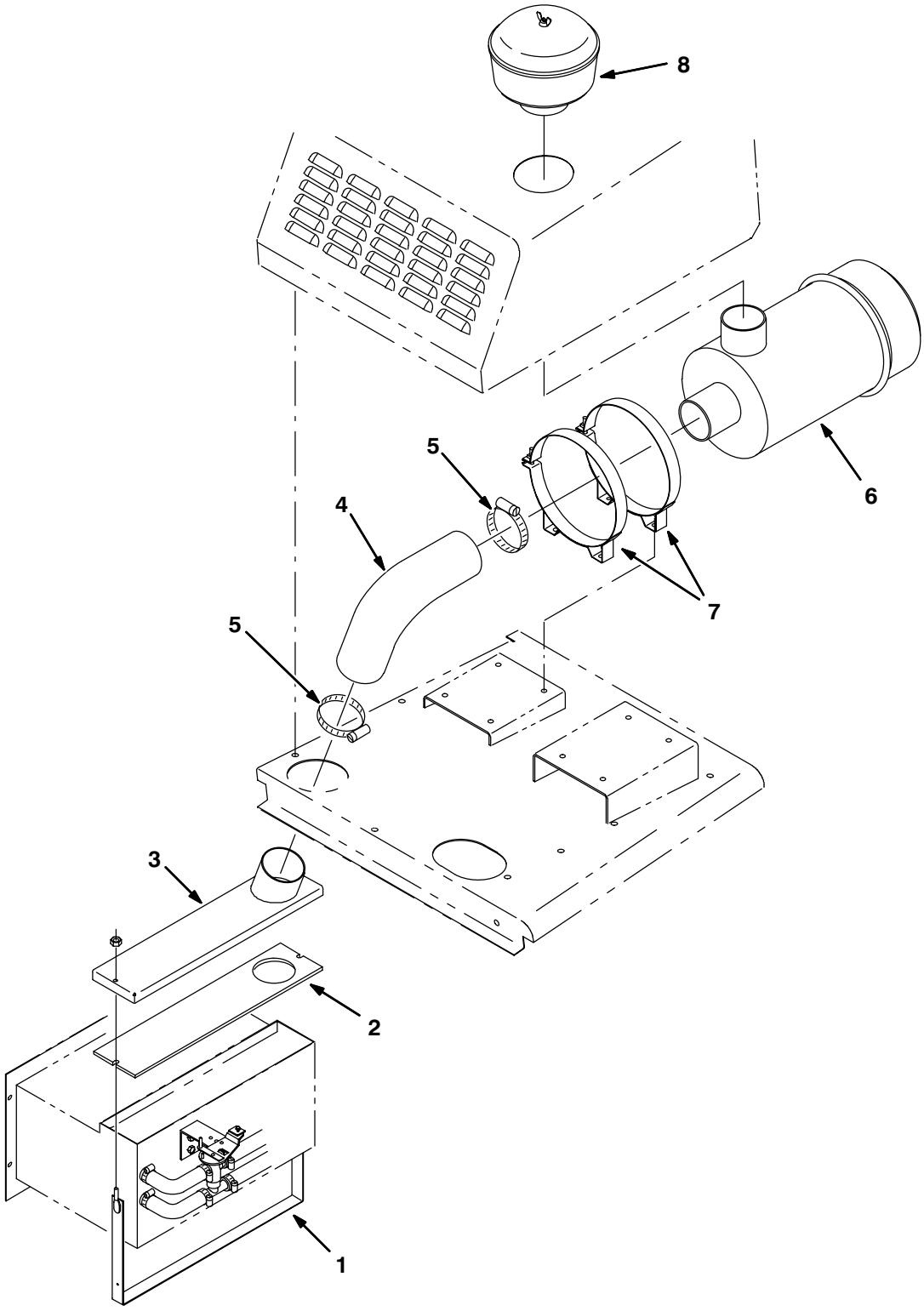


08960/08961

Fig. 29 – Mirror Kit

	Ref.	Tennant Part No.	Machine Serial Number		Description	Qty.
∇		76898	(000000–	)	Mirror Kit, Side Brush	1
	1	68445	(000000–	)	Mirror,8.0 Round,Convex	1
	2	75881	(000000–	)	Guard, Mirror	1
	3	75880	(000000–	)	Bracket, Mounting, Mirror	1
	4	41434	(000000–	)	Bshg,Flange,0.62Bx0.68Od,Nylon	2
	5	70761	(000000–	)	Tube, 0.62D .44B 2.44, Stl	1
	6	12549	(000000–	)	Spring, Gas 80 Lb	1
	7	75882	(000000–	)	Mirror, Side Brush	1

Fig. 30 – Air Cleaner Assembly, Air Conditioner



08966/08958

Fig. 30 – Air Cleaner Assembly, Air Conditioner

	Ref.	Tennant Part No.	Machine Serial Number		Description	Qty.
∇		75890	(000000–	)	Air Cleaner Assy, Air Cond	1
	1	75875	(000000–	)	Strap Wldt, A/C Cover	1
	2	21216	(000000–	)	Gasket, Air Cond Box	1
	3	75192	(000000–	)	Cover Wldt, Air Cond Box	1
	4	75304	(000000–	)	Hose, Rubber, Elbow	1
	5	43555	(000000–	)	Clamp–Wormdrive, 1.62– 3.50D	2
	6	75609	(000000–	)	Filter, Air, A/C	1
	7	75606	(000000–	)	Strap, Mtg, Air Cleaner	2
	8	75666	(000000–	)	Filter, Pre–Cleaner, A/C	1

Fig. 31 – Air Conditioner Group

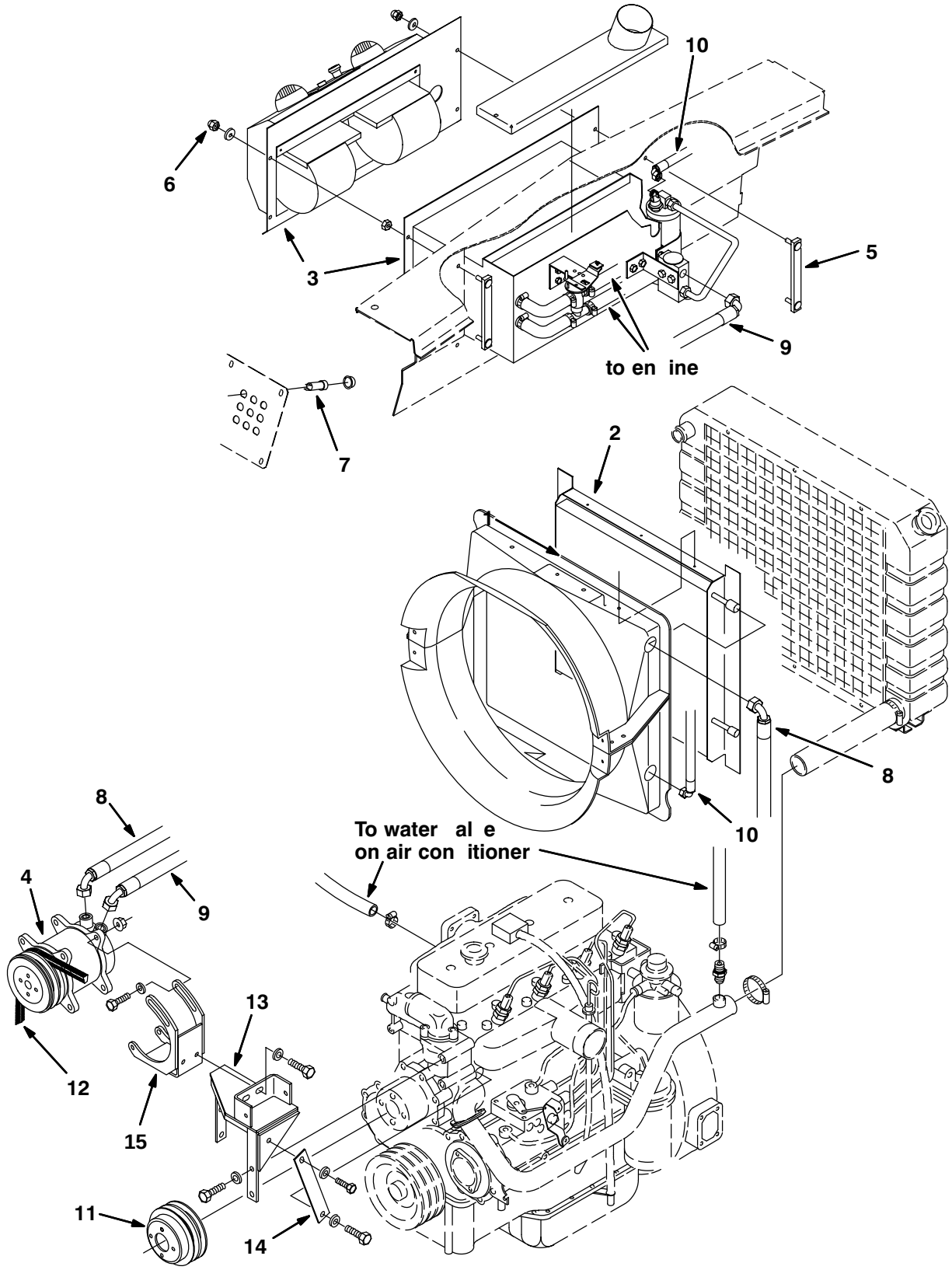


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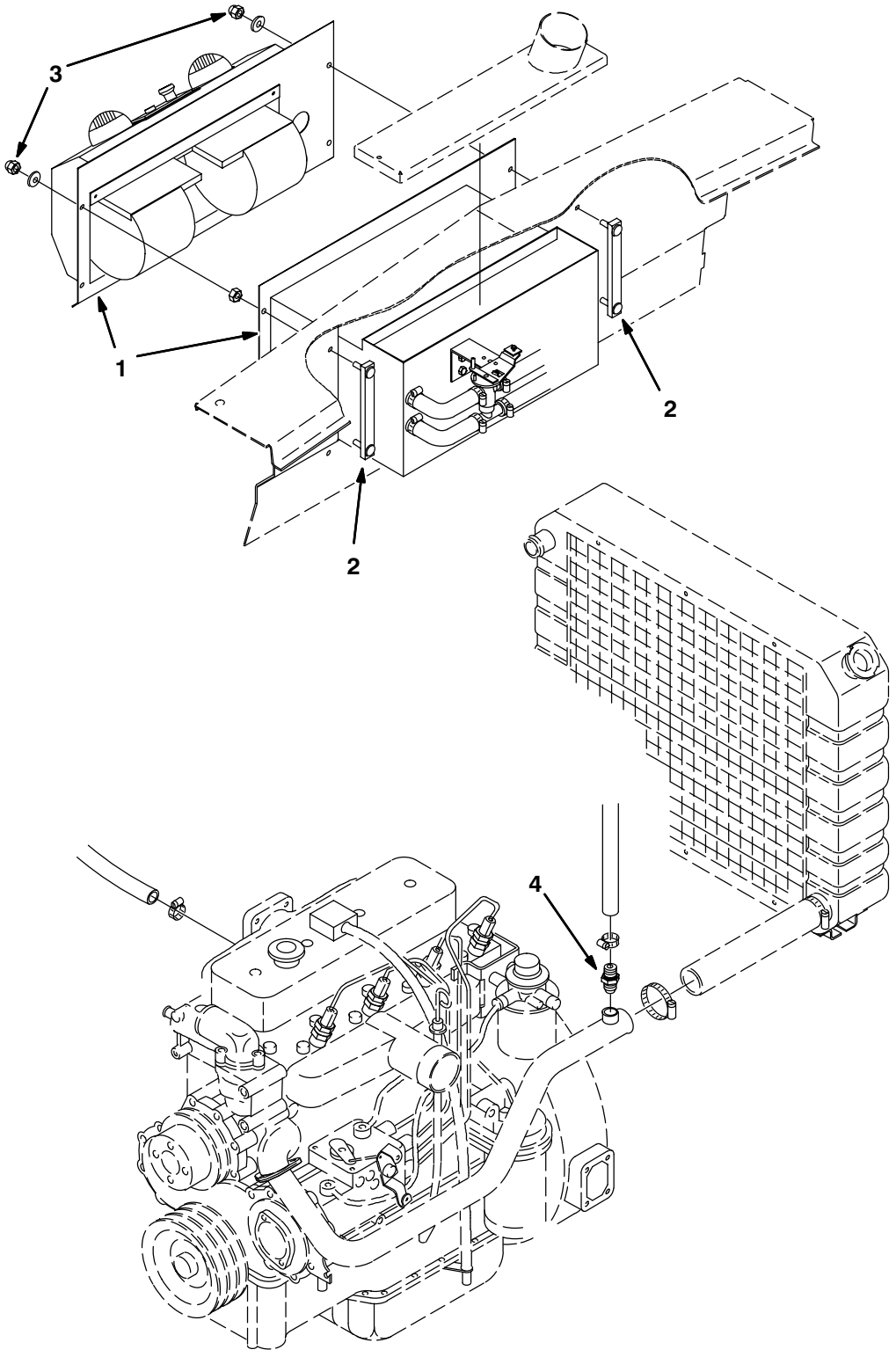
Fig. 31 – Air Conditioner Group

	Ref.	Tennant Part No.	Machine Serial Number		Description	Qty.
	1	75866	(000000–	)	Duct, Fan, Ac	1
	2	73858	(000000–	)	Condensor, Air Conditioner	1
	3	77675	(000000–001397	)	Air Conditioner, A 134 (Repl. By 21270) (See Breakdowns)	1
	3	21270	(001398–	)	Air Conditioner 134R Recirc (See Breakdowns)	1
	4	77869	(000000–001157	)	Compressor R12	1
	4	77674	(001158–	)	Compressor, A/C	1
	5	75884	(000000–	)	Strip	2
	6	41128	(000000–	)	Nut–Low Crown .31–18 Pltd	4
	7	76473	(000000–	)	Breaker–Circuit, 30 Thermal	1
		76437	(000000–	)	Harness, Air Conditioner	1
∇	8	21277	(000000–001157	)	A/C Hose #8 R12 De	1
		32134	(000000–001157	)	O–Ring, #8	2
∇	8	21274	(001158–	)	Hose, A/C #8 134A	1
		32134	(001158–	)	O–Ring, #8	2
∇	9	21278	(000000–001157	)	A/C Hose #10 R12 De	1
		32147	(000000–001157	)	O–Ring	2
∇	9	21275	(001158–	)	Hose, A/C #10	1
		32147	(001158–	)	O–Ring	2
∇	10	21276	(000000–001157	)	A/C Hose #6 R12 De	1
		32133	(000000–001157	)	O–Ring #6	4
∇	10	21273	(001158–	)	A/C Hose #6 134A De	1
		32133	(001158–	)	O–Ring #6	4
	11	70513	(000000–	)	Sheave, Machining	1
	12	76270	(000000–	)	Belt, Vhc–50 X 61	1
	13	70489	(000000–	)	Bracket, Mounting, Compressor	1
	14	77628	(000000–	)	Brace	1
	15	76297	(000000–	)	Plate Wldt, Compressor	1

Fig. 32 – Heater/Pressurizer Assembly

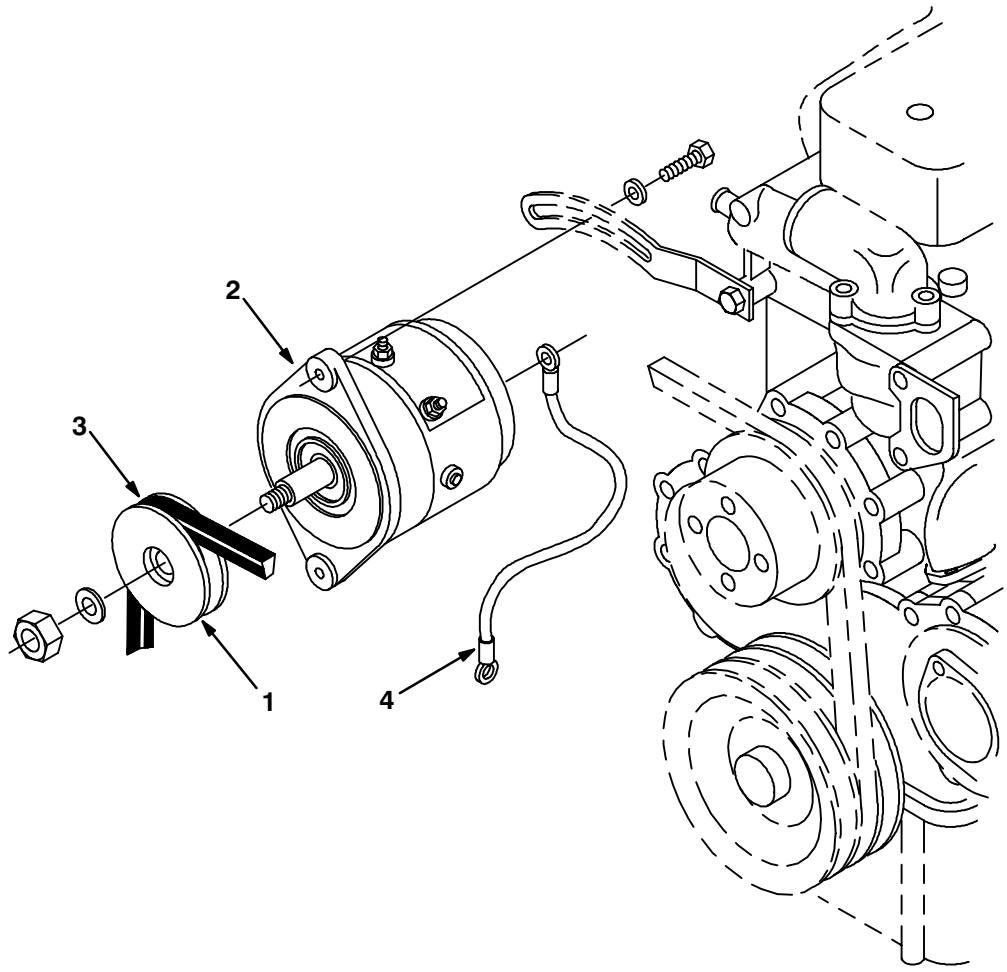


08789/08949

Fig. 32 – Heater/Pressurizer Assembly

	Ref.	Tennant Part No.	Machine Serial Number		Description	Qty.
∇		76245	(000000–	)	Heater/Pressurizer Assy	1
	1	74091	(000000–001397	)	Heater, Pressurizer Grp (Repl. By 21271) (See Breakdowns)	1
	1	21271	(001398–	)	Heater, Pressurizer Group (See Breakdowns)	1
	2	75884	(000000–	)	Strip	2
	3	41128	(000000–	)	Nut–Low Crown .31–18 Pltd	4
		76437	(000000–	)	Wire Harness	1
	4	27767	(000000–	)	Fitting, Brass Str	1

Fig. 33 – Alternator Group, SE

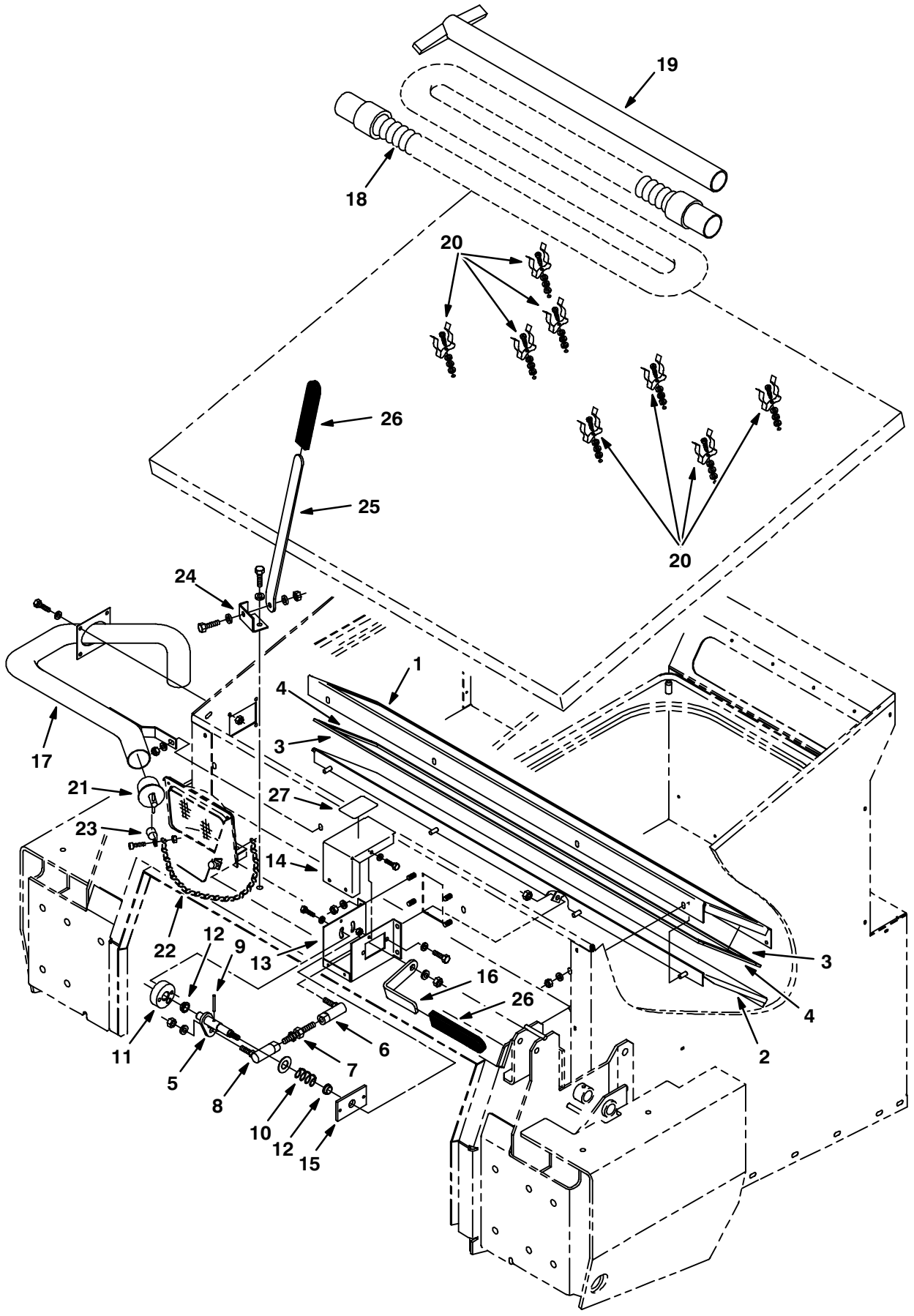


08962/08963

Fig. 33 – Alternator Group, SE

Ref.	Tennant Part No.	Machine Serial Number	Description	Qty.
1	77555	(000000–)	Sheave, Alternator, Se	1
2	75828	(000000–)	Alternator	1
3	60714	(000000–)	V–Belt .47 42.50Lg	1
4	31525	(000000–)	Wire, Ground, Alternator	1
	65222	(000000–)	Sender, Filter, Hydraulic	1

Fig. 34 – Vacuum Wand Kit

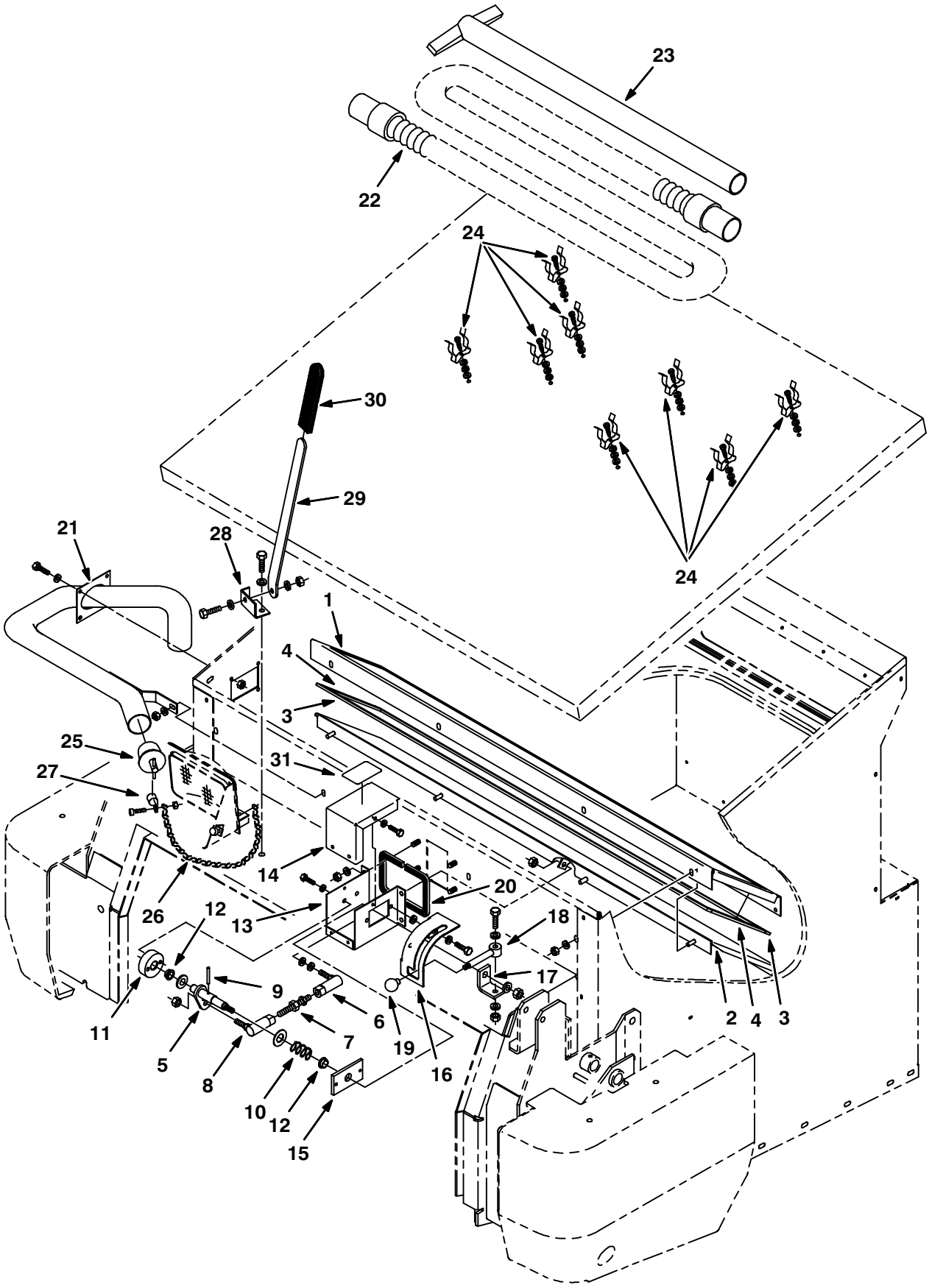


07671/07672

Fig. 34 – Vacuum Wand Kit

	Ref.	Tennant Part No.	Machine Serial Number	Description	Qty.
∇		70668	(000000–001247)	Wand Kit, Vacuum	1
	1	73871	(000000–001247)	Plate, Mounting, Vac Door	1
	2	75701	(000000–001247)	Plate Wldt, Vac Door	1
	3	75876	(000000–001247)	Seal, Foam Rbr, .19 .75W 47.1L	2
	4	75877	(000000–001247)	Seal, Foam Rbr .19 .75W 8.43L	2
	5	74083	(000000–001247)	Shaft Wldt	1
	6	82962	(000000–001247)	Balljoint .375–24 Lh	1
	7	11676	(000000–001247)	Stud, Adjustment	1
	8	51531	(000000–001247)	Ball Joint .375–24	1
	9	23146	(000000–001247)	Pin,Roll,.18Odx1.62L,.187/.192	1
	10	19035	(000000–001247)	Sprng,Comp,0.83Idx.07Wire 1.0L	1
	11	73884	(000000–001247)	Disk, Adjusting	1
	12	04843	(000000–001247)	Bearing, Flange .625 Bore	2
	13	73877	(000000–001247)	Panel, Cover	1
	14	73878	(000000–001247)	Panel, Cover	1
	15	73880	(000000–001247)	Plate	1
	16	73883	(000000–001247)	Handle	1
	17	74074	(000000–001247)	Adaptor Wldt, Vac Wand	1
	18	54009	(000000–001247)	Hose&2Cuff Assy,Vinyl2.0Id10Ft	1
	19	54012	(000000–001247)	Wand	1
	20	36158	(000000–001247)	Clip Finger Grip	8
	21	42124	(000000–001247)	Plug, Drain	1
	22	01570	(000000–001247)	Chain,#12Jack Type 6.0Lg	1
	23	26395–2	(000000–001247)	Clamp–Cable, 0.38Dia 0.38Wth	1
	24	76286	(000000–001247)	Adaptor Wldt, Vac Wand	1
	25	76338	(000000–001247)	Bar, Prop	1
	26	70659	(000000–001247)	Grip, Handle, Flat	2
	27	76406	(000000–001247)	Label, Vac Wand	1

Fig. 35 – Vacuum Wand Kit

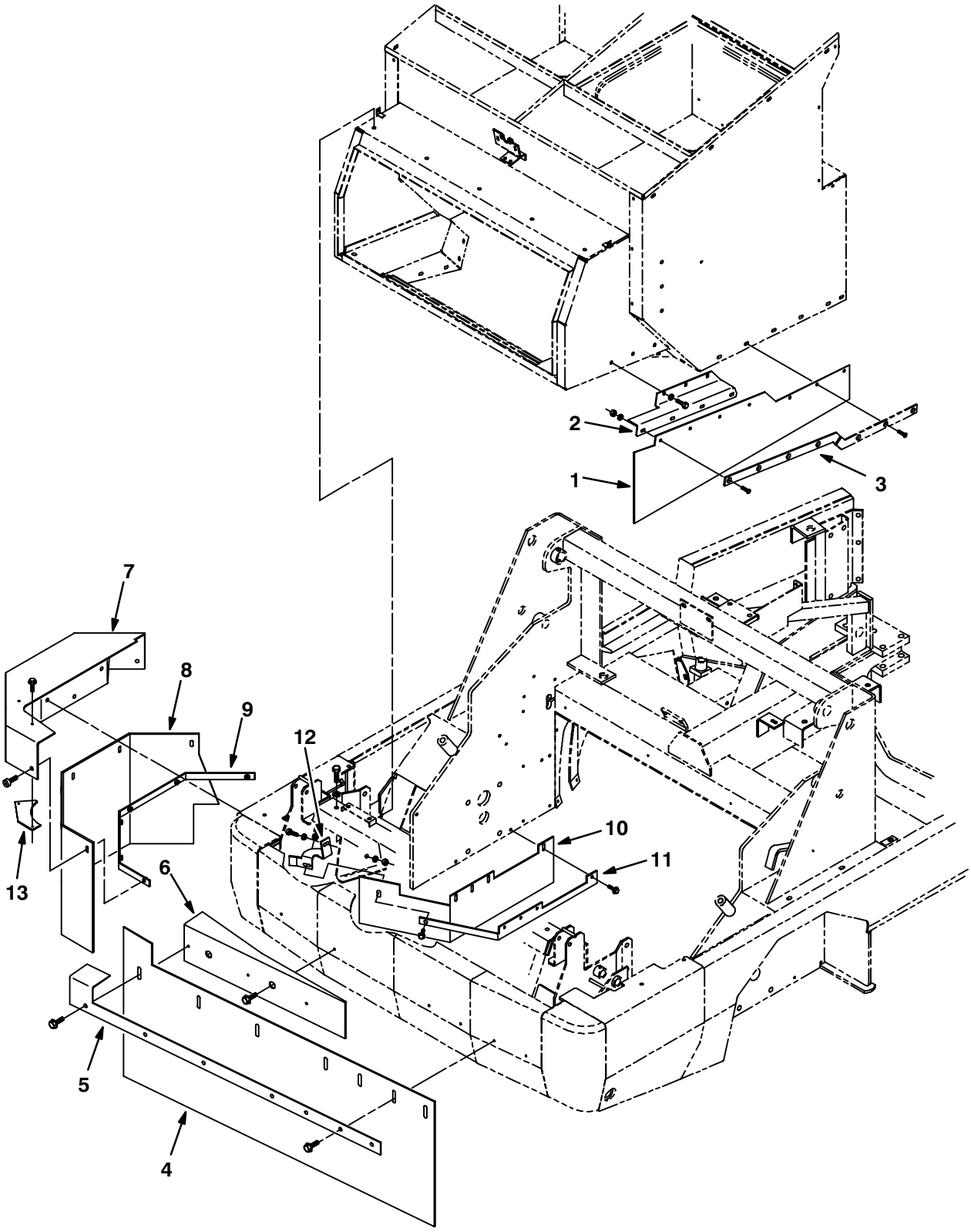


09915/07672

Fig. 35 – Vacuum Wand Kit

	Ref.	Tennant Part No.	Machine Serial Number		Description	Qty.
∇		70668	(001248–	)	Wand Kit, Vac	1
	1	73871	(001248–	)	Plate, Mounting, Vac Door	1
	2	75701	(001248–	)	Plate Wldt, Vac Door	1
	3	75876	(001248–	)	Seal, Foam Rbr, .19 .75W 47.1L	2
	4	75877	(001248–	)	Seal, Foam Rbr .19 .75W 8.43L	2
	5	21047	(001248–	)	Shaft	1
	6	82962	(001248–	)	Balljoint .375–24 Lh	1
	7	11676	(001248–	)	Stud, Adjustment	1
	8	51531	(001248–	)	Ball Joint .375–24	1
	9	23146	(001248–	)	Pin,Roll,.18Odx1.62L,.187/.192	1
	10	19035	(001248–	)	Sprng,Comp,0.83Idx.07Wire 1.0L	1
	11	21041	(001248–	)	Disk	1
	12	04843	(001248–	)	Bearing, Flange .625 Bore	2
	13	21054	(001248–	)	Box, Mounting, Lever, Vac	1
	14	21104	(001248–	)	Panel, Cover	1
	15	73880	(001248–	)	Plate	1
	16	79646	(001248–	)	Plate, Latch	1
	17	79647	(001248–	)	Angle	1
	18	79644	(001248–	)	Handle	1
	19	26565	(001248–	)	Knob,0.38–16,1.25Dia,Plastic	1
	20	79674	(001248–	)	Seal	1
	21	74074	(001248–	)	Adaptor Wldt, Vac Wand	1
	22	54009	(001248–	)	Hose&2Cuff Assy,Vinyl2.0Id10Ft	1
	23	54012	(001248–	)	Wand	1
	24	36158	(001248–	)	Clip Finger Grip	8
	25	42124	(001248–	)	Plug, Drain	1
	26	01570	(001248–	)	Chain,#12Jack Type 6.0Lg	1
	27	26395–2	(001248–	)	Clamp–Cable, 0.38Dia 0.38Wth	1
	28	76286	(001248–	)	Adaptor Wldt, Vac Wand	1
	29	76338	(001248–	)	Bar, Prop	1
	30	70659	(001248–	)	Grip, Handle, Flat	2
	31	76406	(001248–	)	Label, Vac Wand	1

Fig. 36 – Side Brush Dust Control Kit

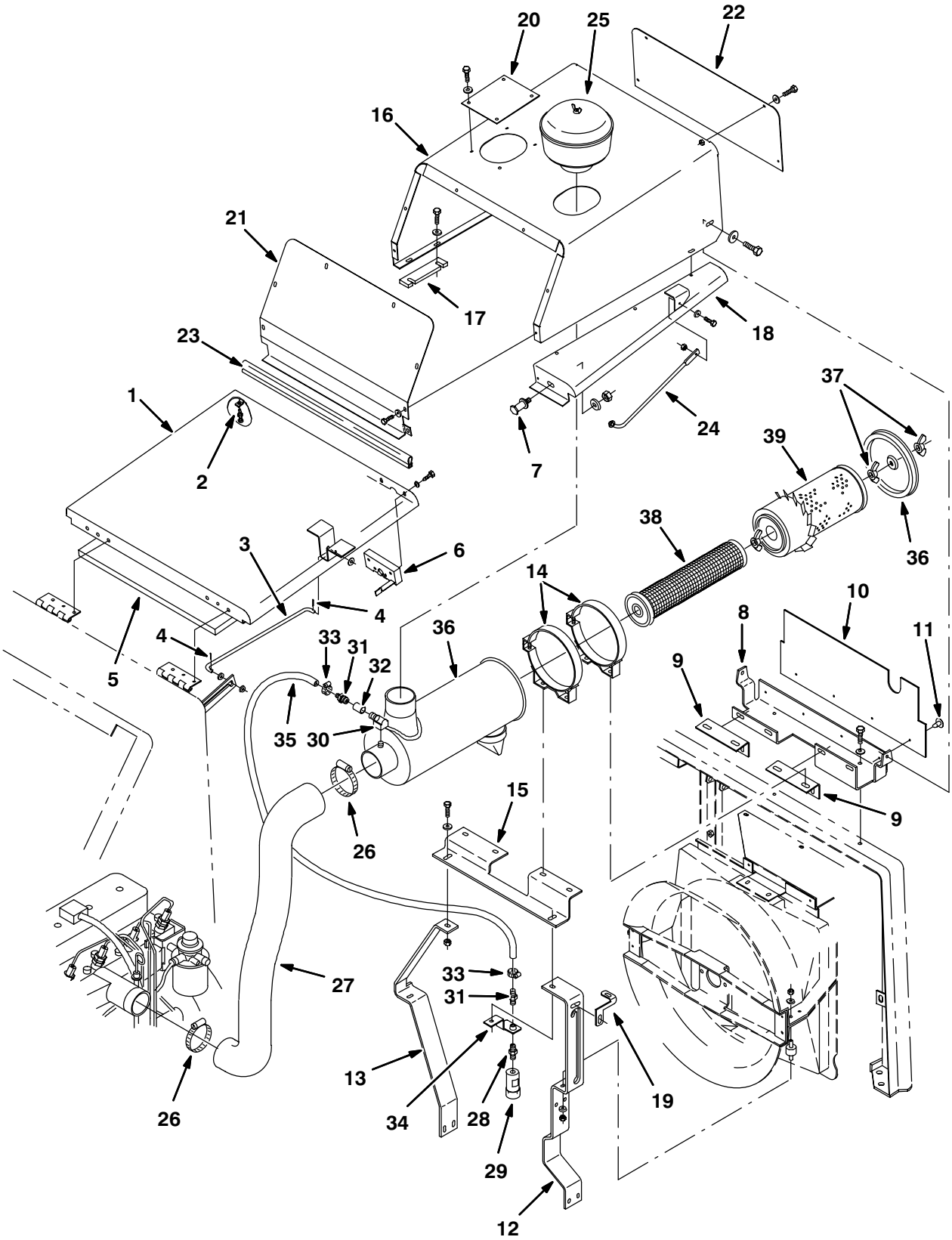


07677/07678

Fig. 36 – Side Brush Dust Control Kit

	Ref.	Tennant Part No.	Machine Serial Number		Description	Qty.
∇		76100	(000000–	)	Dust Control Kit, Side Brush	1
	1	76036	(000000–	)	Skirt, Deflection	1
	2	76030	(000000–	)	Bracket, Mounting, Skirt	1
	3	76038	(000000–	)	Strip, Retainer, Skirt	1
	4	75901	(000000–	)	Skirt, Cover, Sbdc	1
	5	76049	(000000–	)	Skirt, Retainer	1
	6	77759	(000000–	)	Bracket Wldt	1
	7	75989	(000000–	)	Plate Wldt, Skirt	1
	8	76069	(000000–	)	Skirt, Cover, Sbdc	1
	9	76055	(000000–	)	Plate, Retainer	1
	10	76074	(000000–	)	Skirt	1
	11	76081	(000000–	)	Skirt	1
	12	76084	(000000–	)	Bracket	1
	13	77755	(000000–	)	Plate	1

Fig. 37 – Air Cleaner Assembly, Die SE

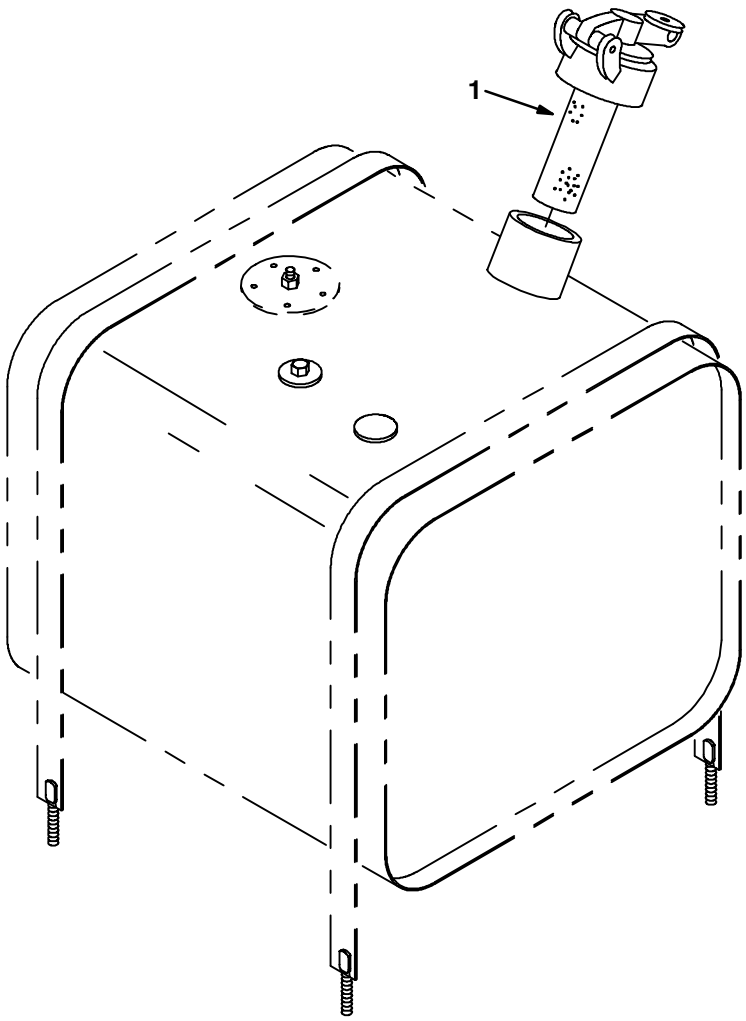


10251/10252

Fig. 37 – Air Cleaner Assembly, Die SE

	Ref.	Tennant Part No.	Machine Serial Number		Description	Qty.
	1	75303	(000000–	)	Cover Wldt, Engine Se	1
	2	75128	(000000–	)	Spindle, Adjustment	1
	3	75883	(000000–	)	Rod Support, Cover	1
	4	39005	(000000–	)	Pin– Cotter .094X0.75	2
	5	76870	(000000–	)	Insulation,S/Foam .8X19.3X20.3	1
	6	58844	(000000–	)	Latch, Hook, Lh	1
	7	59192	(000000–	)	Latch, Bolt	1
	8	77703	(000000–	)	Channel, Hinge, Filter Cover	1
	9	79620	(000000–	)	Bracket, Rear, Se	2
	10	79626	(000000–	)	Skirt, Air Cleaner, Se	1
	11	72968	(000000–	)	Rivet, Plastic .250X.898	4
	12	77706	(000000–	)	Bracket, Front, Lh	1
	13	77707	(000000–	)	Bracket, Front, Rh	1
	14	76321	(000000–	)	Band,Mtg.	2
	15	77704	(000000–	)	Bracket, Mounting, Filter, Fro	1
	16	77710	(000000–	)	Panel, Cover, A/C Filter	1
	17	21230	(000000–	)	Plate, Support, Cover Se	1
	18	77712	(000000–	)	Panel Wldt, Cover	1
	19	79624	(000000–	)	Bracket	1
	20	79625	(000000–	)	Plate	1
	21	77708	(000000–	)	Panel, Cover, Front A/C	1
	22	77489	(000000–	)	Panel, Cover, Rear, A/C Filter	1
	23	77778	(000000–	)	Seal, Bulb, Sd–0504 19.75Lg	1
	24	54615	(000000–	)	Rod, Seat	1
	25	75666	(000000–	)	Filter, Pre–Cleaner, A/C	1
	26	43555	(000000–	)	Clamp–Wormdrive, 1.62– 3.50D	2
	27	77765	(000000–	)	Hose, Molded, Se, Diesel	1
	28	51560–5	(000000–	)	Adaptor, Filter, 1/8 Npt	1
	29	03026	(000000–	)	Indicator Service Air Filter	1
	30	11984	(000000–	)	Ftg, El90 Npt/02Pf–02Pm	1
	31	27768	(000000–	)	Fitting, Brass Em06/Pm02	2
	32	11848	(000000–	)	Ftg,Pipe,Cplg.Full 0.13Pt.Blk	1
	33	43844	(000000–	)	Clamp–Wormdrive, 0.25– 0.62D	2
	34	77773	(000000–	)	Bracket Wldt	1
	35	70876	(000000–	)	Hose, Rubber.38Idx.62Od 21.0Lg	1
∇	36	35424	(000000–	)	Air Cleaner	1
	37	07562	(000000–	)	Nut,Wing .44–20 Special	2
	38	60933	(000000–	)	Element, Filter Safety	1
	39	60934	(000000–	)	Element, Air Cleaner	1

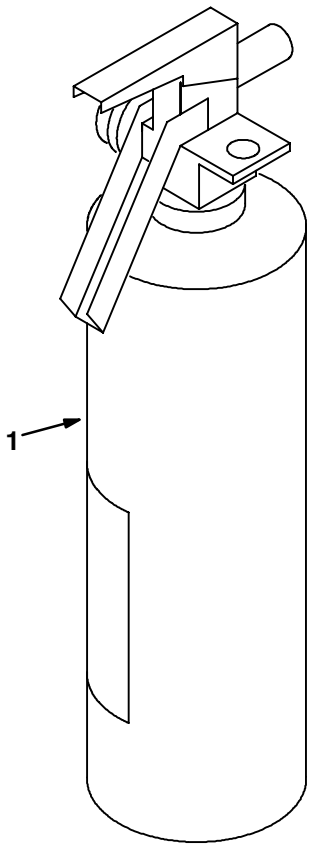
Fig. 38 – Protectoseal Fuel Tank Cap Group



07867/07471

Ref.	Tennant Part No.	Machine Serial Number	Description	Qty.
1	02506–6	(000000–)	Gas Cap, Protectoseal	1

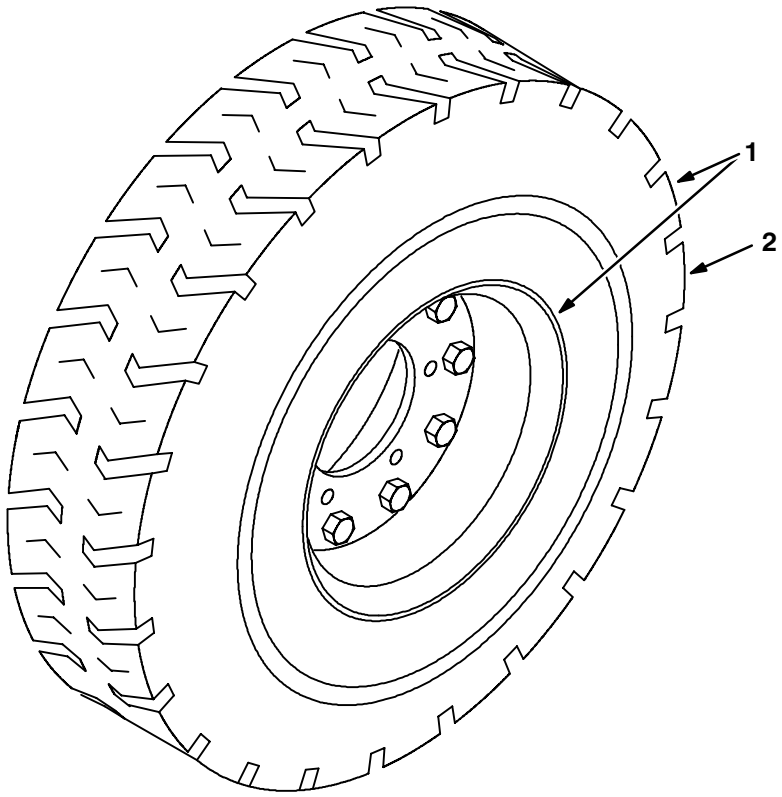
Fig. 39 – Fire Extinguisher Kit



07687/07516

	Ref.	Tennant Part No.	Machine Serial Number		Description	Qty.
∇		70692	(000000–	)	Extinguisher Kit Fire 800	1
	1	25312	(000000–	)	Extinguisher, Fire	

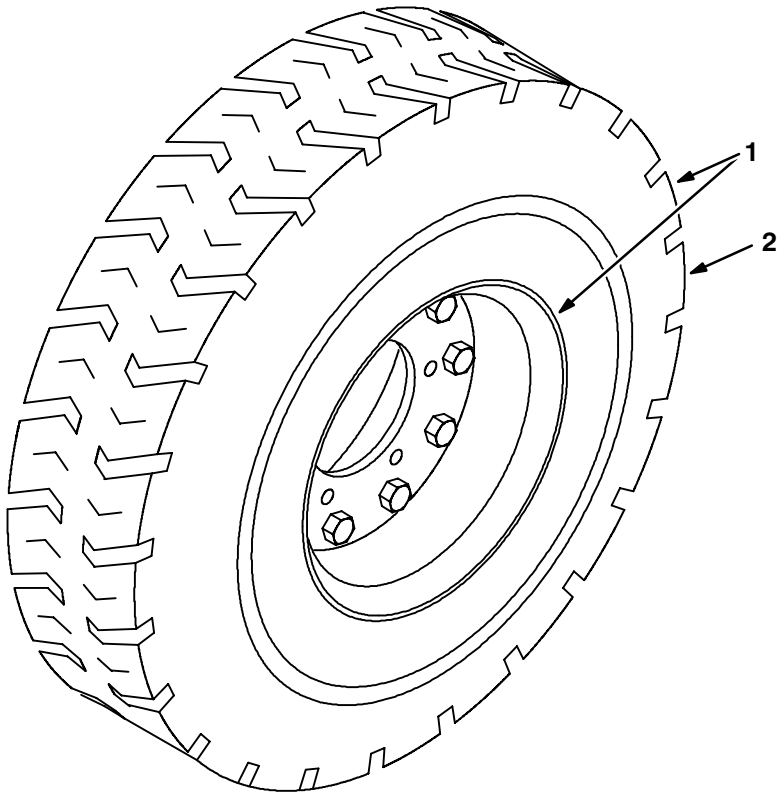
Fig. 40 – Solid Tire and Rim Assembly, Front



07665/07666

	Ref.	Tennant Part No.	Machine Serial Number		Description	Qty.
∇	1	63226	(000000–	)	Tire and Rim Assembly, Solid 6.50–10	1
	2	63228	(000000–	)	Tire, Solid	1

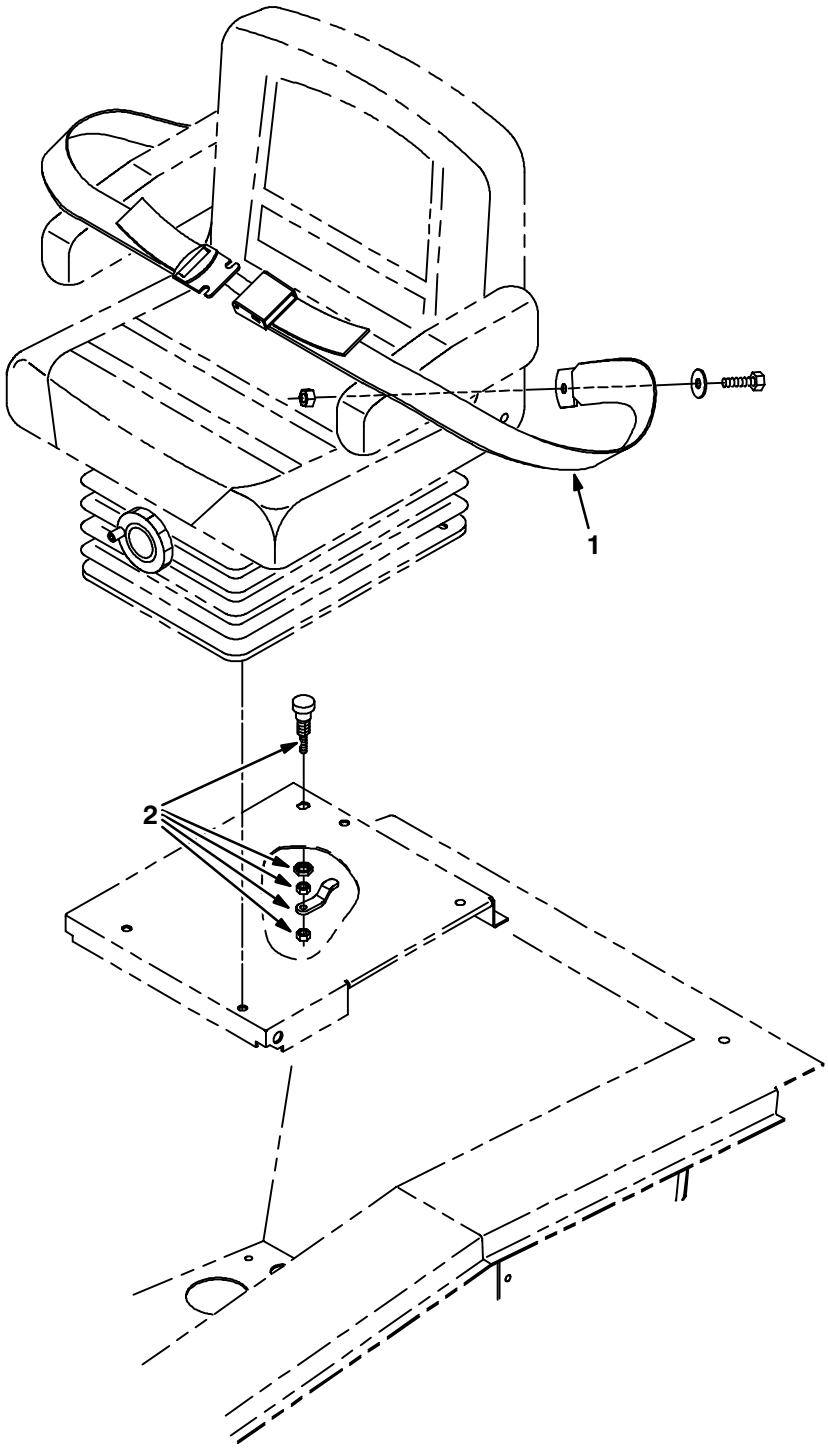
Fig. 41 – Solid Tire and Rim Assembly, Rear



10504/07666

	Ref.	Tennant Part No.	Machine Serial Number		Description	Qty.
∇	1	21671	(000000–	)	Tire and Rim Assy, Rear, Solid 6.5	1
	2	63228	(000000–	)	Tire, Solid	1

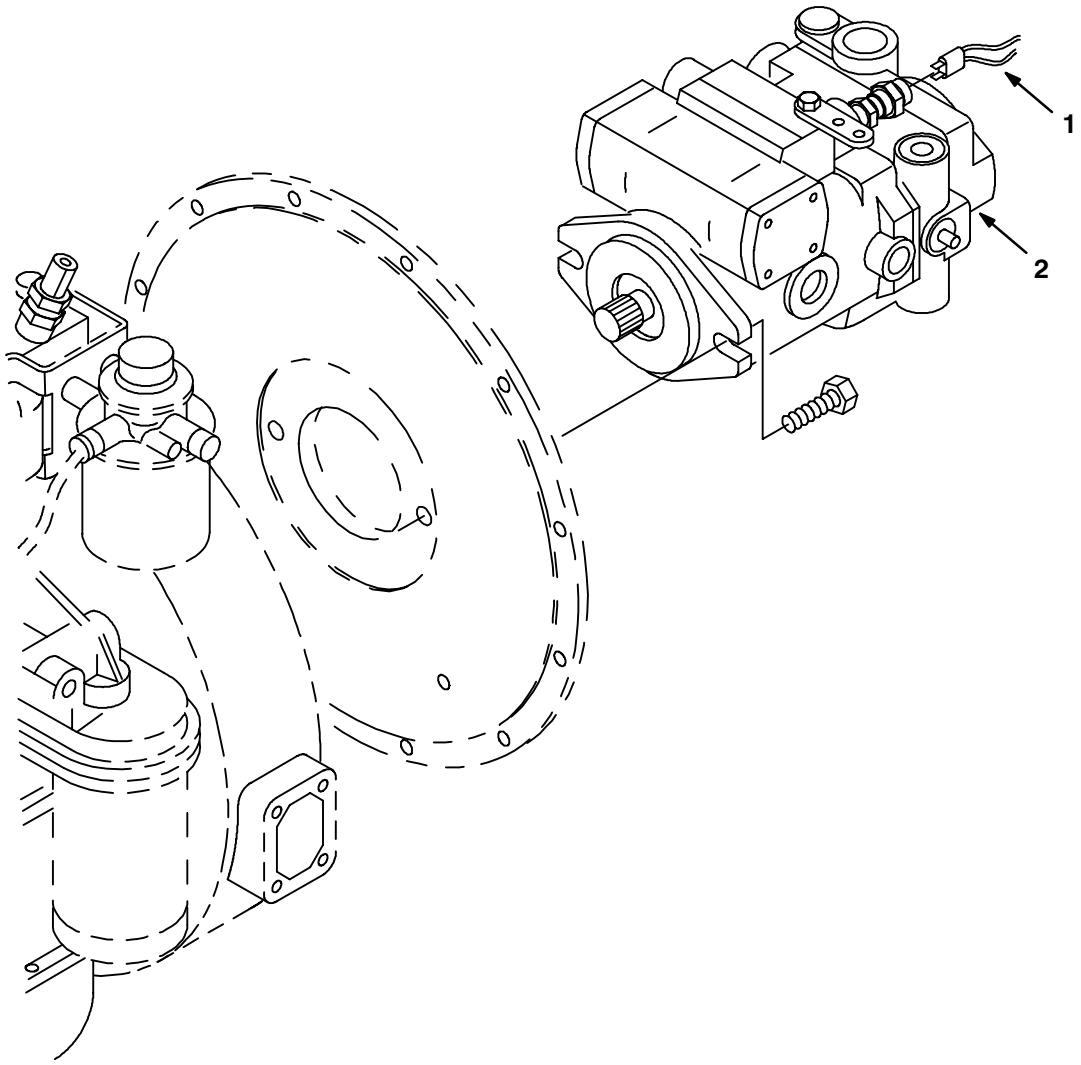
Fig. 42 – Seat Belt Kit



07673/07674

	Ref.	Tennant Part No.	Machine Serial Number		Description	Qty.
∇		70690	(000000–	)	Seat Belt Kit	1
	1	30533	(000000–	)	Belt, Seat	1
	2	87337	(000000–	)	Latch, Door	1

Fig. 43 – Neutral Start Group



09830/09831

Ref.	Tennant Part No.	Machine Serial Number		Description	Qty.
1	63407	(000000–	)	Harness, Neutral, Start	1
2	74164	(000000–	)	Pump, Hyd Piston V 2.48 (see breakdowns)	1

Fig. 44 – RFS Filter System Group

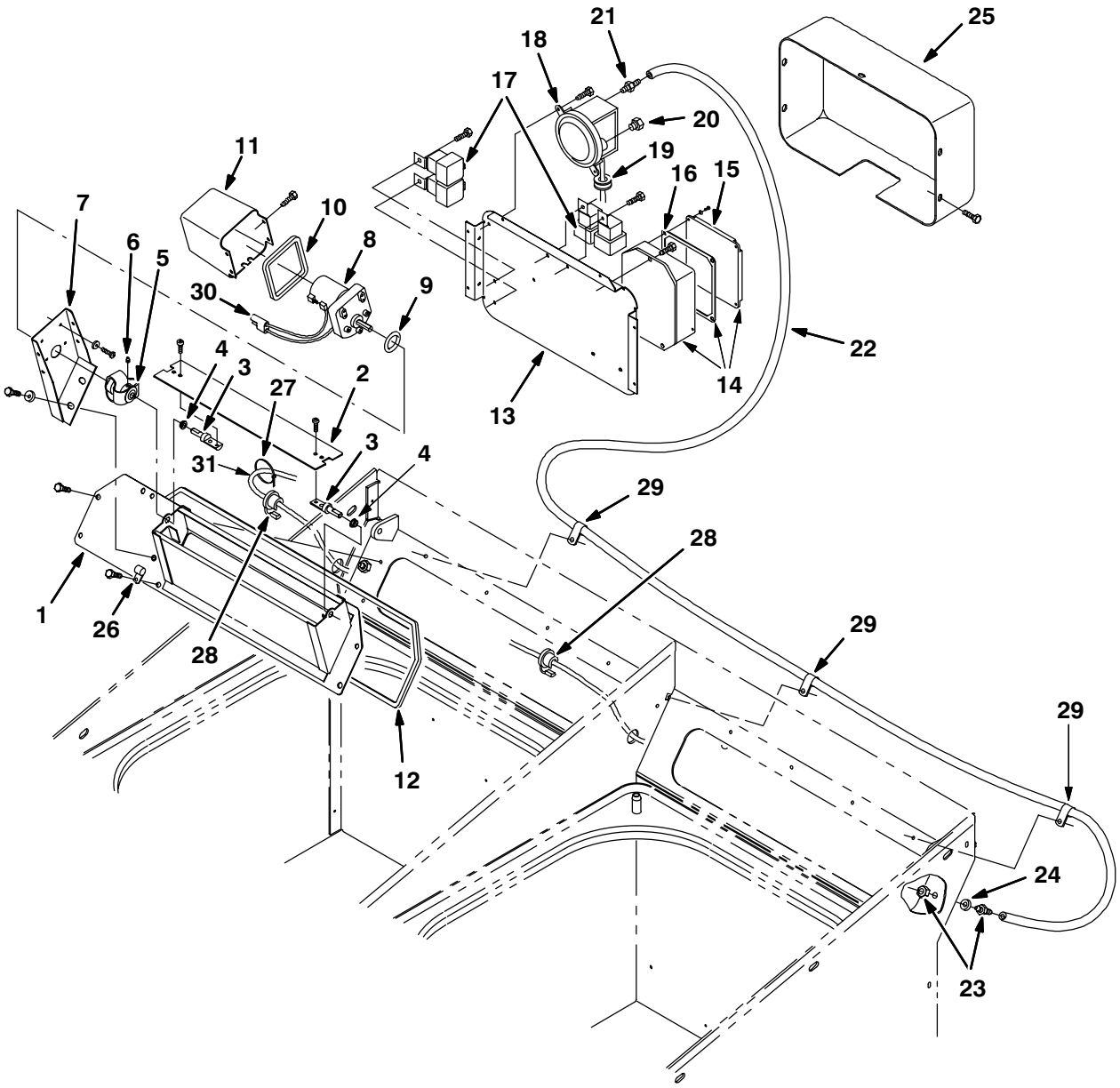
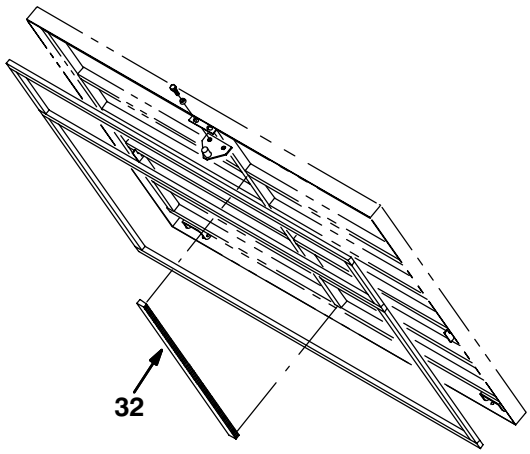


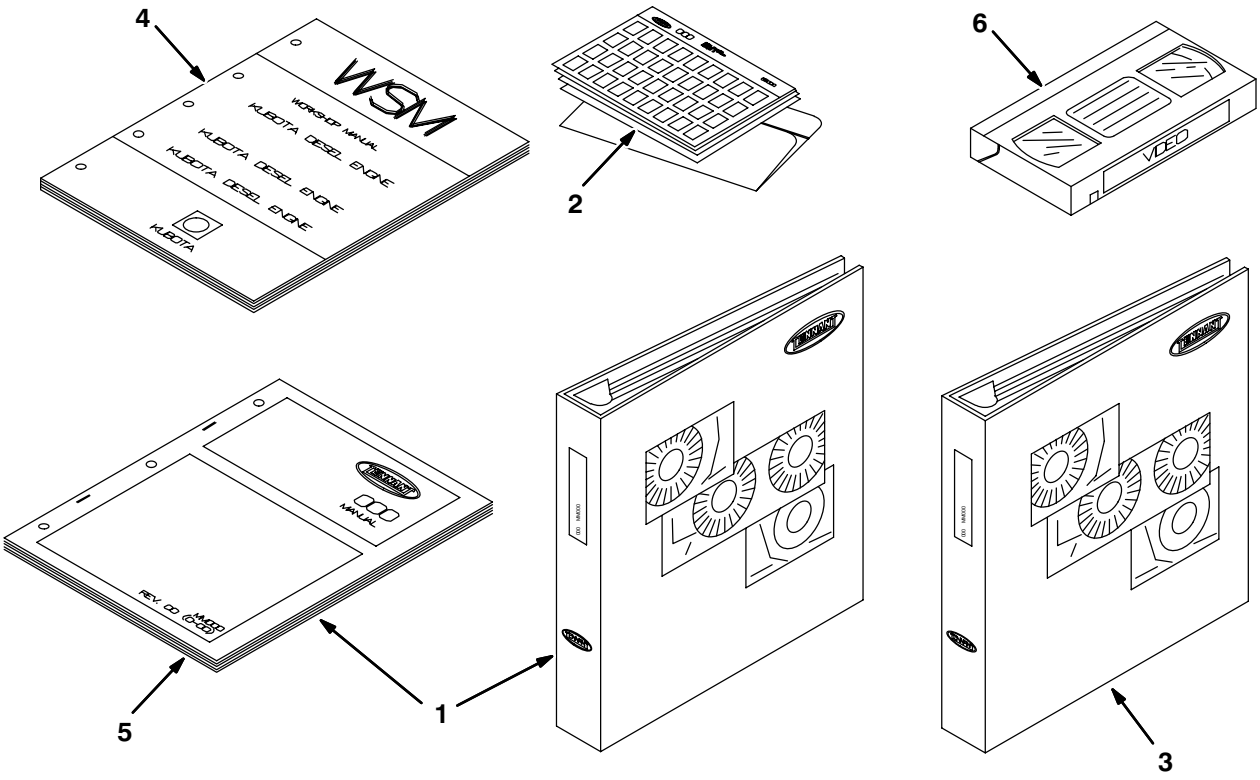
Fig. 44 – RFS Filter System Group



10230/10229,10232

	Ref.	Tennant Part No.	Machine Serial Number		Description	Qty.
∇		79174	(000000–	)	Rfs Kit	1
	1	79160	(000000–	)	Duct Wldt, Rfs	2
	2	79156	(000000–	)	Plate, Shutter	2
	3	79159	(000000–	)	Shaft, Pivot	4
	4	11747	(000000–	)	Bearing, Nylon	4
	5	79158	(000000–	)	Coupling	2
	6	20634	(000000–	)	Scr–Set 10–24X0.25 Nylon Loc	4
	7	79157	(000000–	)	Bracket, Mounting, Gearmotor	2
	8	79170	(000000–	)	Motor, Ele, Geared, 12Vdc	2
	9	79172	(000000–	)	Seal, O–Ring .787Idx.210Th	2
	10	79167	(000000–	)	Seal	2
	11	79155	(000000–	)	Cover, Motor	2
	12	79168	(000000–	)	Seal	2
	13	79177	(000000–	)	Plate, Mounting, Rfs Control	1
∇	14	79176	(000000–	)	Controller Assy, Rfs	1
	15	59954	(000000–	)	Cover, Housing, Electrical	1
	16	59921	(000000–	)	Gasket, Cover, Alum	1
	17	56186	(000000–	)	Relay, Shrouded, 12 Vdc	4
	18	75465	(000000–	)	Switch, Pressure	1
	19	10632–4	(000000–	)	Grommet,Rbr,0.62Id,For .06Matl	1
	20	82739	(000000–	)	Ftg, Breather	1
	21	40607	(000000–	)	Ftg,Brass,St Bm03/Pm02	1
	22	21301	(000000–	)	Hose, Vacuum, .16 Id X 76.0 Lg	1
	23	39923	(000000–	)	Ftg,Bulkhead–Barb Wh 1074X4	1
	24	43454	(000000–	)	Washer, .344B .69D .06Nylon	1
	25	79169	(000000–	)	Cover, Electrical	1
	26	40678	(000000–	)	Clamp,Cable .44D .62Wide	2
	27	49266	(000000–	)	Tie, Cable 1.75D Max 7.50Lg	12
	28	34864	(000000–	)	Strain,Relief	2
	29	46236	(000000–	)	Clamp–Cable, 0.25Dia 0.56Wth	3
	30	79025	(000000–	)	Harness, Motor, Duct	2
	31	79026	(000000–	)	Harness, Hopper, Rfs	1
		83706	(000000–	)	Harness, Rfs Jumper	1
	32	70851	(000000–	)	Seal, Urethane	1
		44961	(000000–	)	Tie, Cable 4.00 Max 14.50Lg	14

Fig. 45 – Documentation Group



07680/07501

Ref.	Tennant Part No.	Machine Serial Number		Description	Qty.
1	MM308	(000000–	)	Manual Pkg 800D	1
2	85308	(000000–	)	Manual–Fiche Pkg 800D	1
3	MM337	(000000–	)	Manual, Service 800/810	1
4	61838	(000000–	)	Engine Service Manual PK(200 Series)	1
5	MM308ES	(000000–	)	Manual Op/Mt 800D Spanish	1
5	MM308FR	(000000–	)	Manual Op/Mt 800D French	1
6	48842	(000000–	)	Oper/Video Vhs, 800	1

SECTION 4

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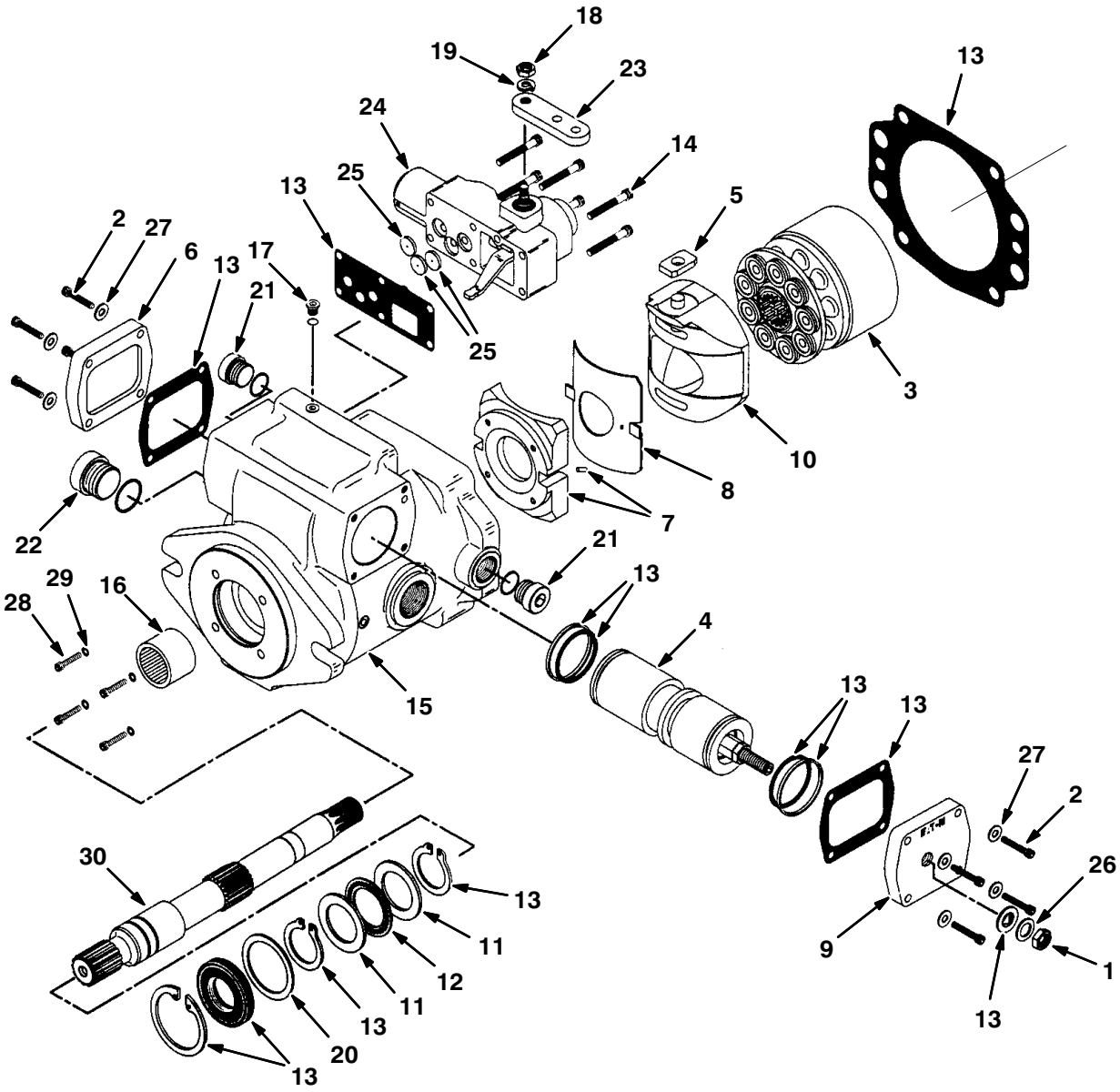
Fig. 1 – Hydraulic Piston Pump Breakdown, 62548



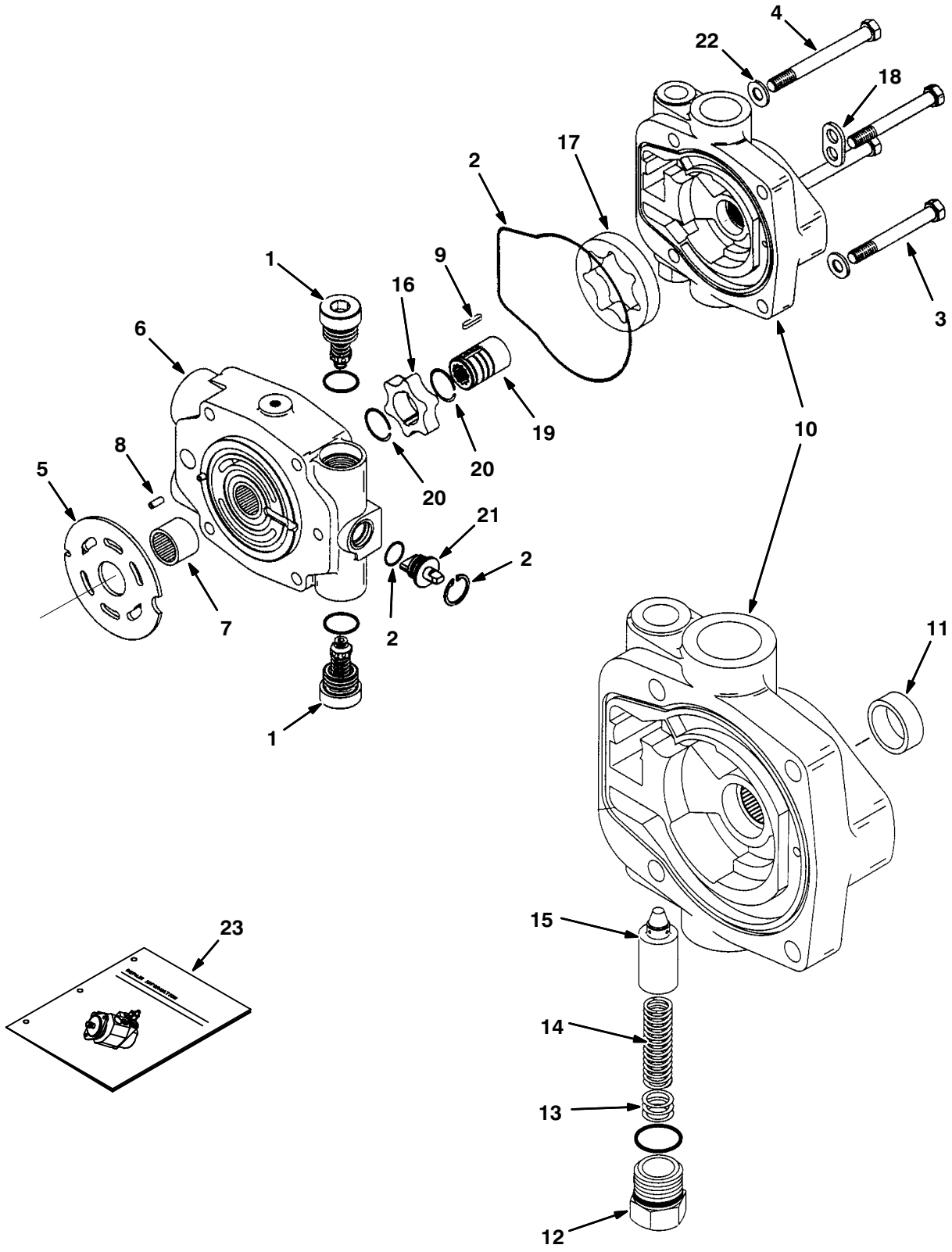
10131/10132

Fig. 1 – Hydraulic Piston Pump Breakdown, 62548

NOTE: Piston Pump, TENNANT Part Number 62548, includes Fig. 1, and Fig. 2.

	Ref.	Tennant Part No.	Machine Serial Number		Description	Qty.
∇		62548	(000000–	)	Pump–Hyd Piston V 2.48 R4500	1
	1	74184	(000000–	)	Nut, Jam	1
	2	74223	(000000–	)	Screw, Cap	8
	3	61882	(000000–	)	Rotating Kit	1
	4	74286	(000000–	)	Servo Piston Sa En	1
	5	74287	(000000–	)	Follower,Piston En	1
	6	74256	(000000–	)	Plate, Cover En	1
	7	74288	(000000–	)	Camplate Cradle En	1
	8	74289	(000000–	)	Cam Bushing En	1
	9	74257	(000000–	)	Plate, Cover En	1
	10	74224	(000000–	)	Camplate S/A En	1
	11	74240	(000000–	)	Race, Bearing Ce	2
	12	74210	(000000–	)	Bearing	1
	13	79709	(000000–	)	Seal Kit, Pump En	1
	14	74262	(000000–	)	Screw, Cap En	6
∇	15	79703	(000000–	)	Housing S/A En	1
	16	37462	(000000–	)	Bearing	1
	17	79742	(000000–	)	Plug S/A En	1
	18	74266	(000000–	)	Nut En	1
	19	74267	(000000–	)	Lockwasher En	1
	20	37460	(000000–	)	Washer	1
	21	13907	(000000–	)	Plug #8	2
	22	79779	(000000–	)	Plug,#12 O–Ring Ph	1
	23	74272	(000000–	)	Arm, Control En	1
	24	74273	(000000–	)	Control, Manual (see Breakdown)	1
	25	74276	(000000–	)	Orifice, Valve En	3
	26	74280	(000000–	)	Washer En	1
	27	74281	(000000–	)	Washer En	8
	28	79706	(000000–	)	Screw, Cap En	4
	29	79707	(000000–	)	Washer En	4
	30	74265	(000000–	)	Shaft, Drive Sp En	1

Fig. 2 – Hydraulic Piston Pump Breakdown, 62548



10429/10132,09670

Fig. 2 – Hydraulic Piston Pump Breakdown, 62548

NOTE: Piston Pump, TENNANT Part Number 62548, includes Fig. 1, and Fig. 2.

	Ref.	Tennant Part No.	Machine Serial Number		Description	Qty.
∇		62548	(000000–	)	Pump–Hyd Piston V 2.48 R4500	1
	1	74259	(000000–	)	Relief Valve Sa En	2
	2	79709	(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	79704	(000000–	)	Backplate S/A En	1
	7	34159	(000000–	)	Bearing	1
	8	79748	(000000–	)	Roll Pin En	1
	9	74270	(000000–	)	Key En	1
∇	10	74271	(000000–	)	Charge Pmp Adap En	1
	11	79749	(000000–	)	Bushing En	1
	12	79750	(000000–	)	Plug En	1
	13	79751	(000000–	)	Shims En	1
	14	79752	(000000–	)	Spring En	1
	15	79753	(000000–	)	Poppet En	1
	16	74274	(000000–	)	Geroter,Ring In En	1
	17	74275	(000000–	)	Geroter,Ring Ot En	1
	18	79705	(000000–	)	Strap, Shipping 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
	23	74284	(000000–	)	Repair Info,Pmp En	1

Fig. 3 – Hydraulic Piston Pump Breakdown, 74163

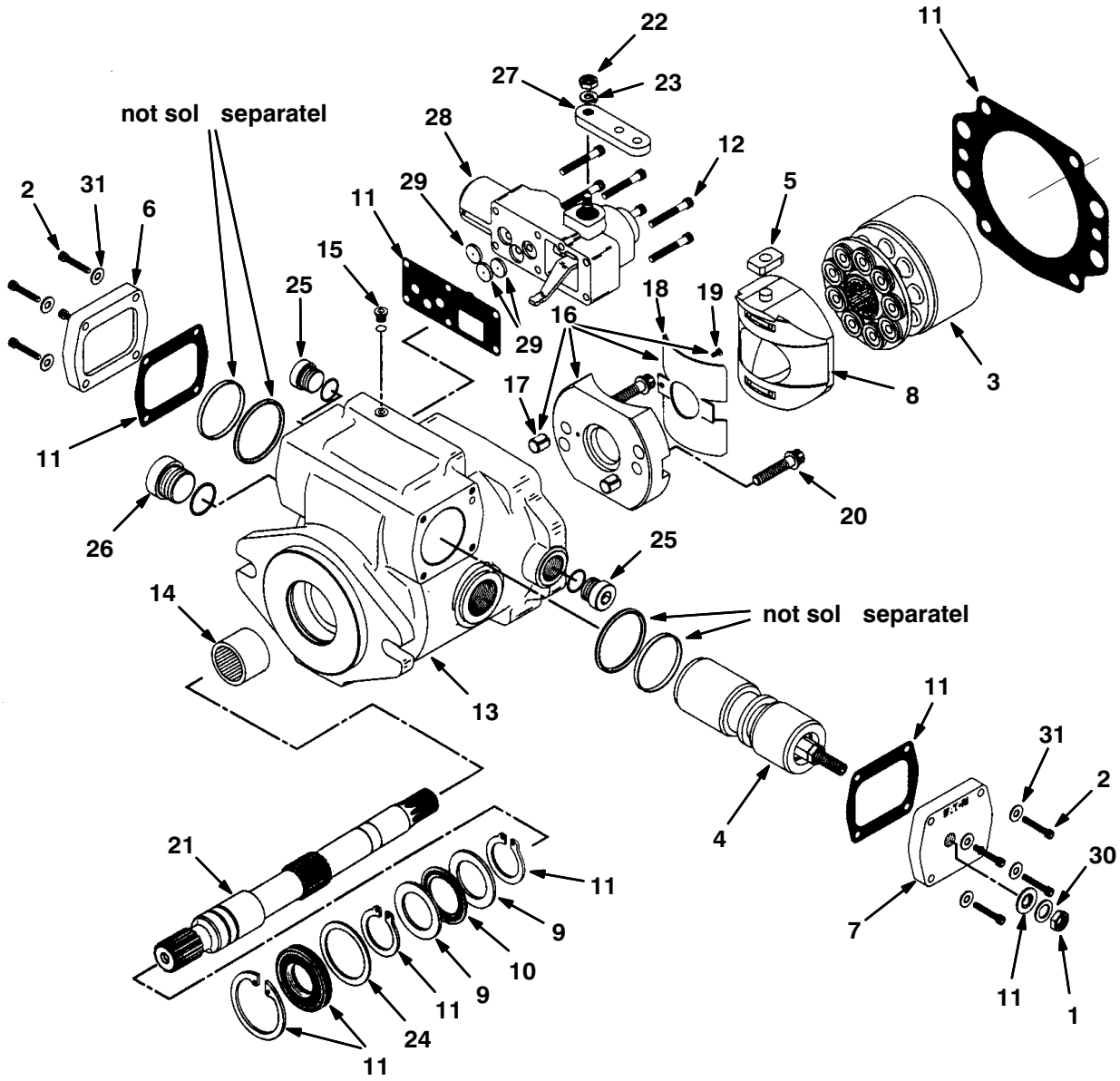
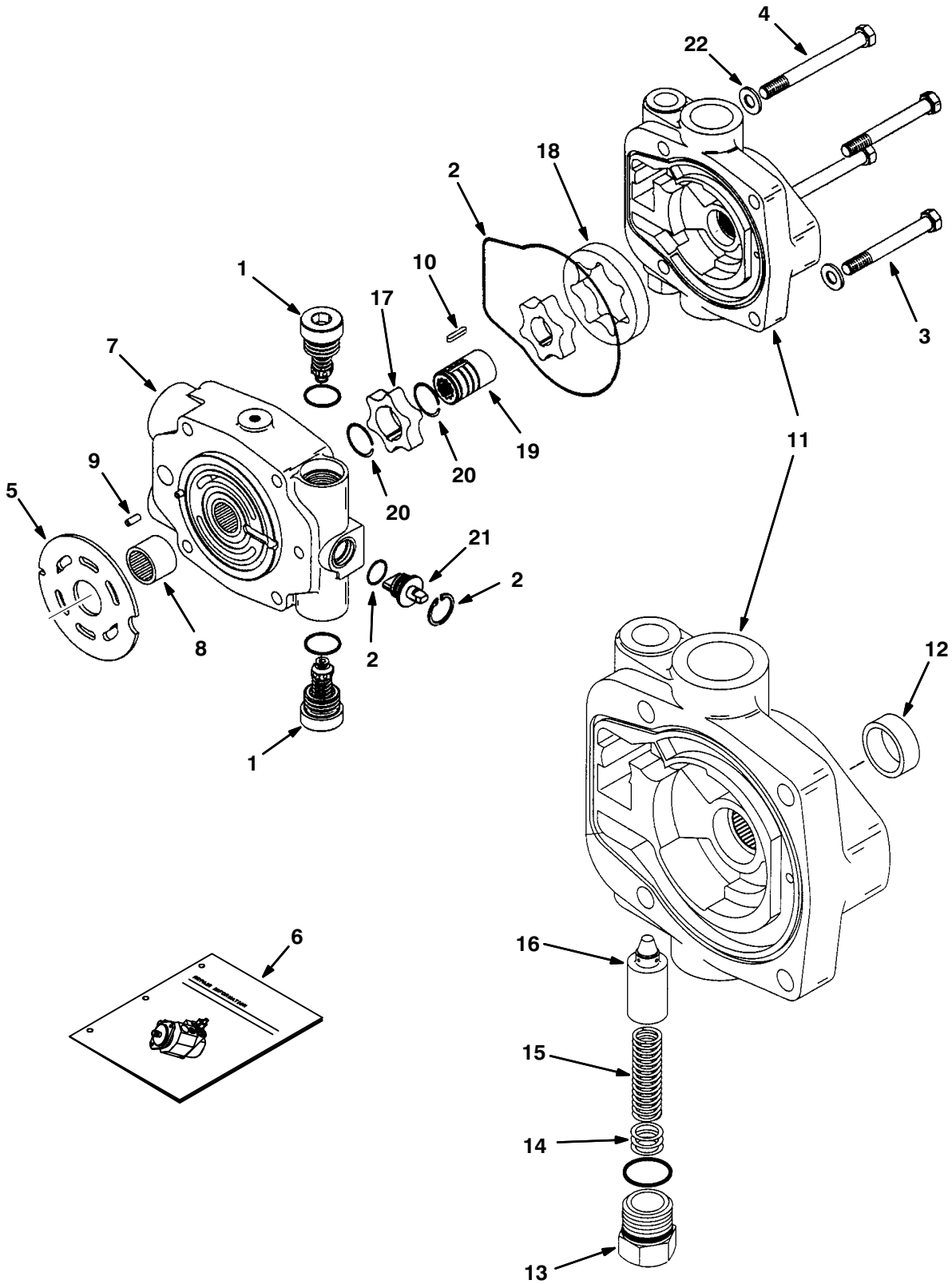


Fig. 3 – Hydraulic Piston Pump Breakdown, 74163

NOTE: Piston Pump, TENNANT Part Number 74163, includes Fig. 3, and Fig. 4.

	Ref.	Tennant Part No.	Machine Serial Number		Description	Qty.
∇		74163	(000000–	)	Pump, Hyd Piston V 2.48 R4500	1
	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 Breakdown)	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, 74163



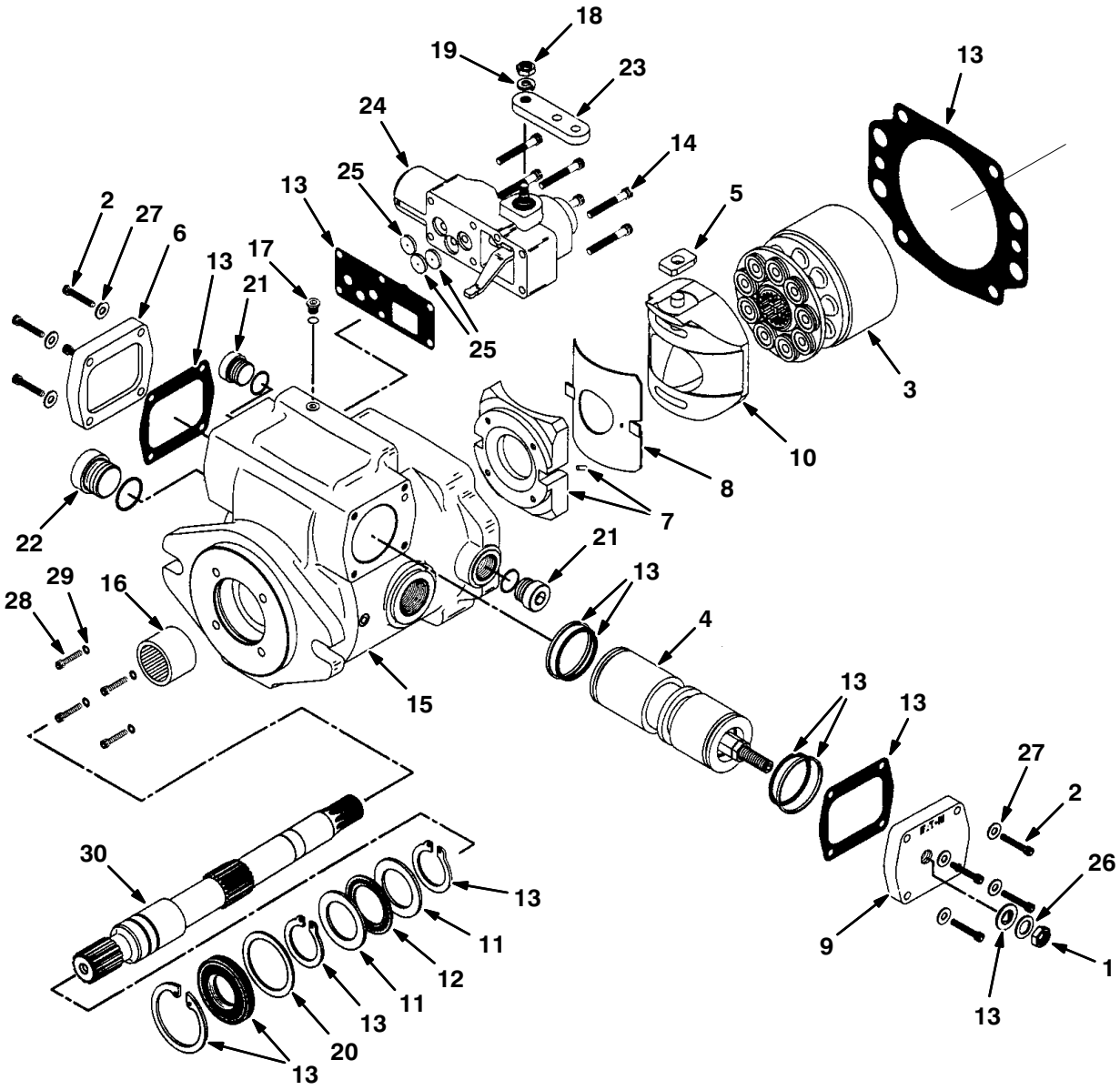
10430/10136,09670

Fig. 4 – Hydraulic Piston Pump Breakdown, 74163

NOTE: Piston Pump, TENNANT Part Number 74163, includes Fig. 3, and Fig. 4.

	Ref.	Tennant Part No.	Machine Serial Number		Description	Qty.
∇		74163	(000000–	)	Pump, Hyd Piston V 2.48 R4500	1
	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. 5 – Hydraulic Piston Pump Breakdown, 65219



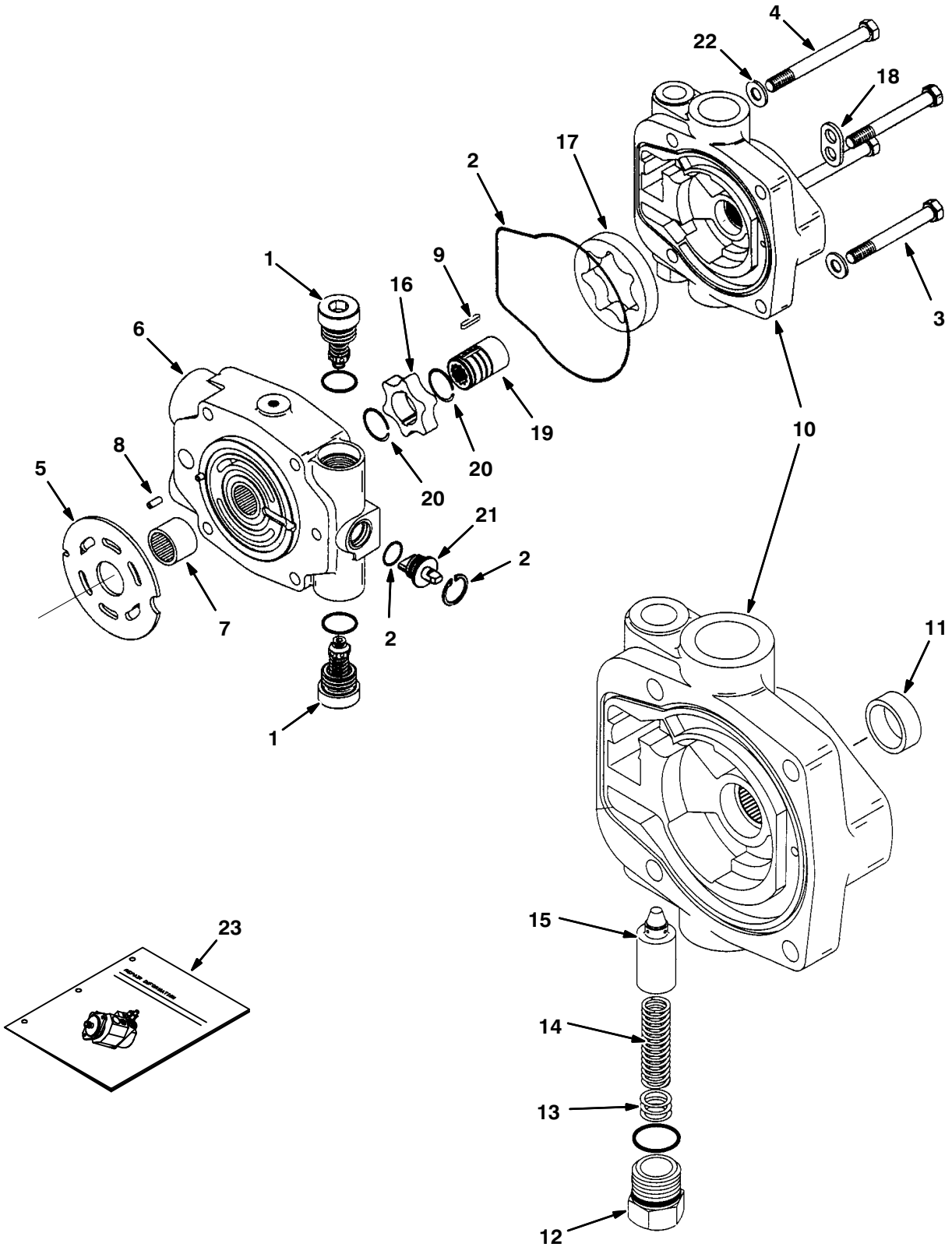
10137/10132

Fig. 5 – Hydraulic Piston Pump Breakdown, 65219

NOTE: Piston Pump, TENNANT Part Number 74163, includes Fig. 5, and Fig. 6.

	Ref.	Tennant Part No.	Machine Serial Number		Description	Qty.
∇		62548	(000000–	)	Pump–Hyd Piston V 2.48 R4500	1
	1	74184	(000000–	)	Nut, Jam	1
	2	74223	(000000–	)	Screw, Cap	8
	3	61882	(000000–	)	Rotating Kit	1
	4	74286	(000000–	)	Servo Piston Sa En	1
	5	74287	(000000–	)	Follower,Piston En	1
	6	74256	(000000–	)	Plate, Cover En	1
	7	74288	(000000–	)	Camplate Cradle En	1
	8	74289	(000000–	)	Cam Bushing En	1
	9	74257	(000000–	)	Plate, Cover En	1
	10	74224	(000000–	)	Camplate S/A En	1
	11	74240	(000000–	)	Race, Bearing Ce	2
	12	74210	(000000–	)	Bearing	1
	13	79709	(000000–	)	Seal Kit, Pump En	1
	14	74262	(000000–	)	Screw, Cap En	6
∇	15	79703	(000000–	)	Housing S/A En	1
	16	37462	(000000–	)	Bearing	1
	17	79742	(000000–	)	Plug S/A En	1
	18	74266	(000000–	)	Nut En	1
	19	74267	(000000–	)	Lockwasher En	1
	20	37460	(000000–	)	Washer	1
	21	13907	(000000–	)	Plug #8	2
	22	79779	(000000–	)	Plug,#12 O–Ring Ph	1
	23	74272	(000000–	)	Arm, Control En	1
	24	74285	(000000–	)	Control, Manual (see Breakdown)	1
	25	74276	(000000–	)	Orifice, Valve En	3
	26	74280	(000000–	)	Washer En	1
	27	74281	(000000–	)	Washer En	8
	28	79706	(000000–	)	Screw, Cap En	4
	29	79707	(000000–	)	Washer En	4
	30	74265	(000000–	)	Shaft, Drive Sp En	1

Fig. 6 – Hydraulic Piston Pump Breakdown, 65219



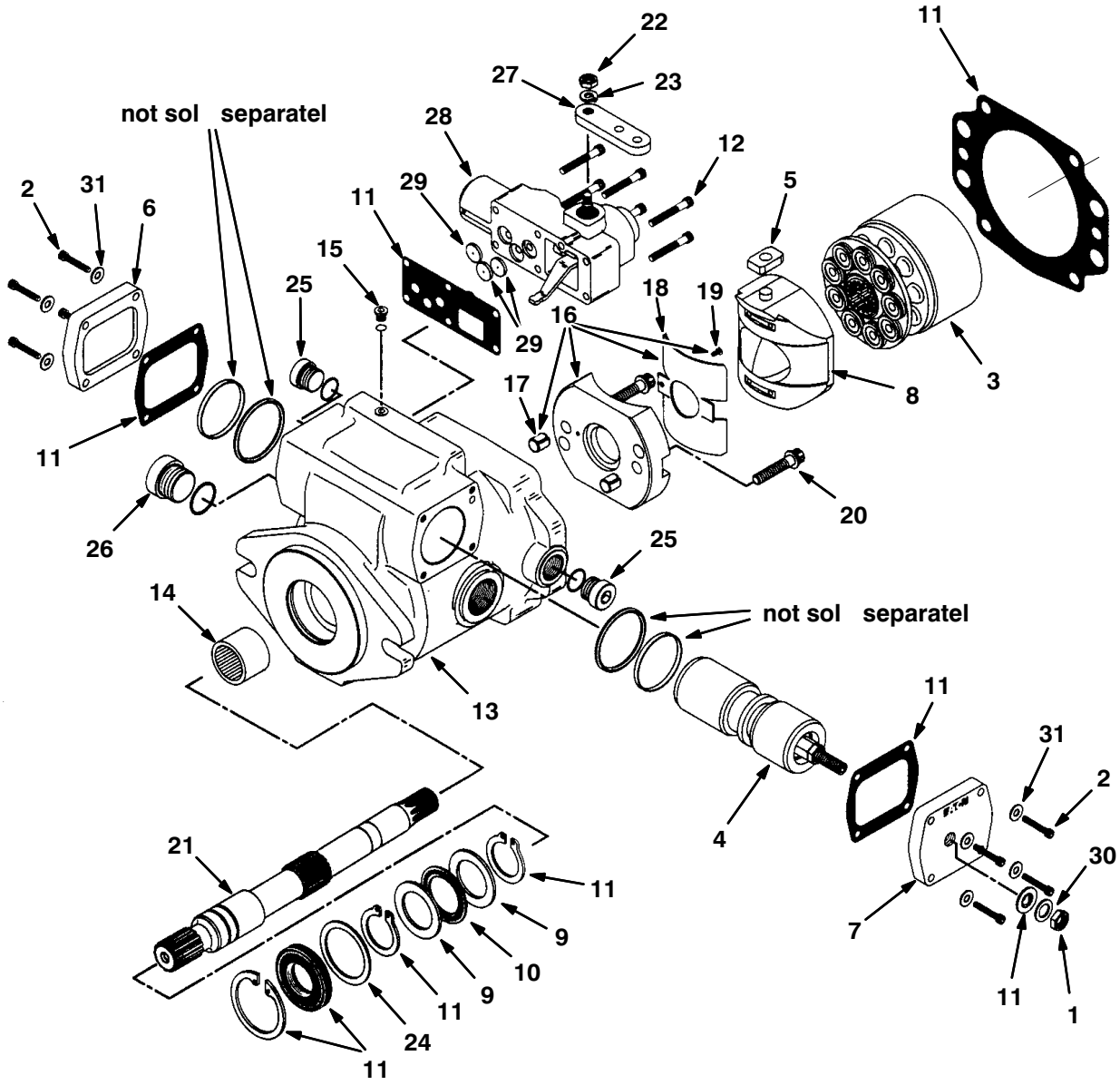
10431/10132,09670

Fig. 6 – Hydraulic Piston Pump Breakdown, 65219

NOTE: Piston Pump, TENNANT Part Number 74163, includes Fig. 5, and Fig. 6.

	Ref.	Tennant Part No.	Machine Serial Number		Description	Qty.
∇		62548	(000000–	)	Pump–Hyd Piston V 2.48 R4500	1
	1	74259	(000000–	)	Relief Valve Sa En	2
	2	79709	(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	79704	(000000–	)	Backplate S/A En	1
	7	34159	(000000–	)	Bearing	1
	8	79748	(000000–	)	Roll Pin En	1
	9	74270	(000000–	)	Key En	1
∇	10	74271	(000000–	)	Charge Pmp Adap En	1
	11	79749	(000000–	)	Bushing En	1
	12	79750	(000000–	)	Plug En	1
	13	79751	(000000–	)	Shims En	1
	14	79752	(000000–	)	Spring En	1
	15	79753	(000000–	)	Poppet En	1
	16	74274	(000000–	)	Geroter,Ring In En	1
	17	74275	(000000–	)	Geroter,Ring Ot En	1
	18	79705	(000000–	)	Strap, Shipping 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
	23	74284	(000000–	)	Repair Info,Pmp En	1

Fig. 7 – Hydraulic Piston Pump Breakdown, 74164



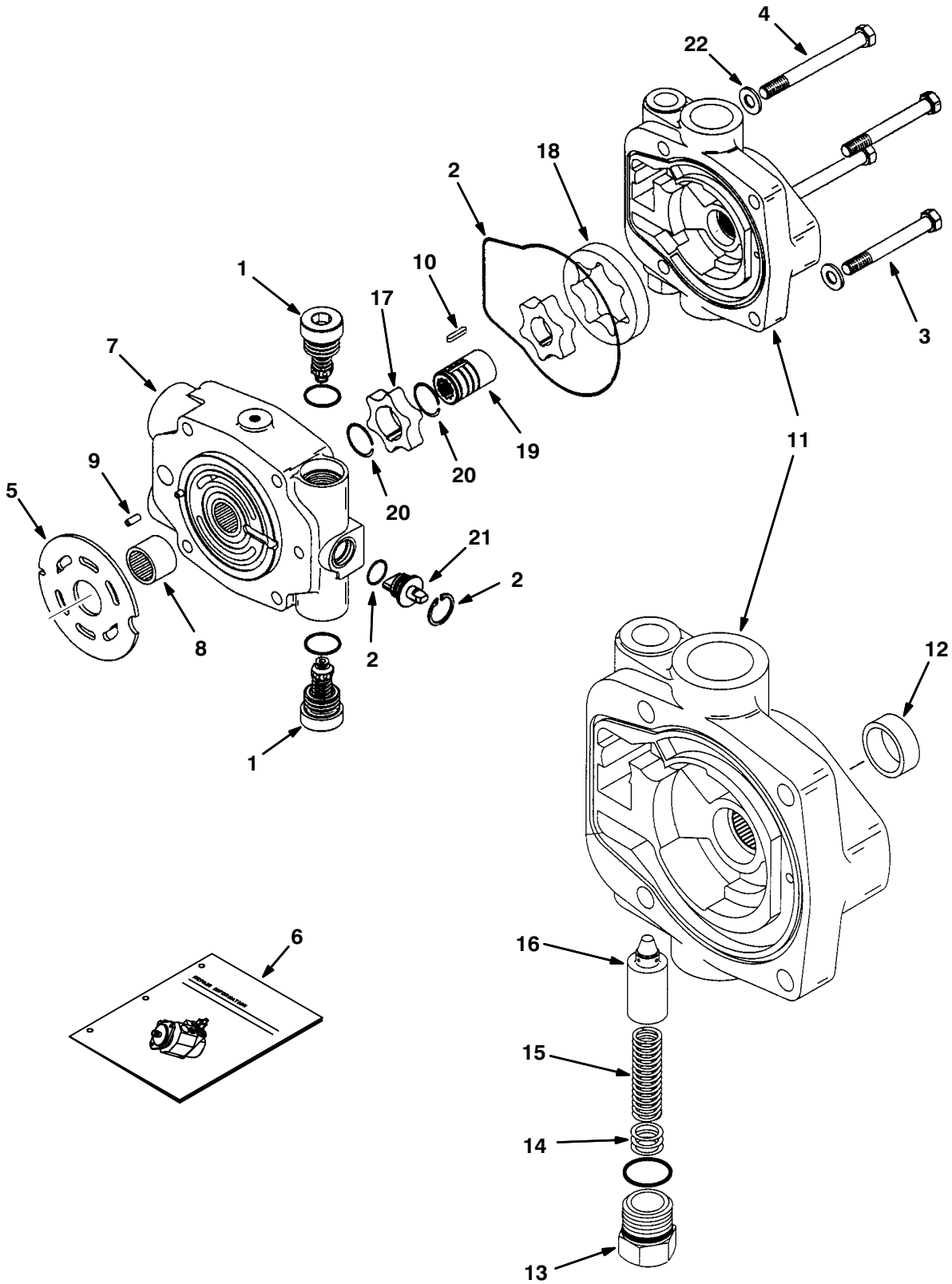
10140/10136

Fig. 7 – Hydraulic Piston Pump Breakdown, 74164

NOTE: Piston Pump, TENNANT Part Number 74164, includes Fig. 7, and Fig. 8.

	Ref.	Tennant Part No.	Machine Serial Number		Description	Qty.
∇		74164	(000000–	)	Pump, Hyd Piston V 2.48 R4500	1
	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	74285	(000000–	)	Control, Manual (see Breakdown)	1
	29	74276	(000000–	)	Orifice, Valve En	1
	30	74280	(000000–	)	Washer En	1
	31	74281	(000000–	)	Washer En	8

Fig. 8 – Hydraulic Piston Pump Breakdown, 74164



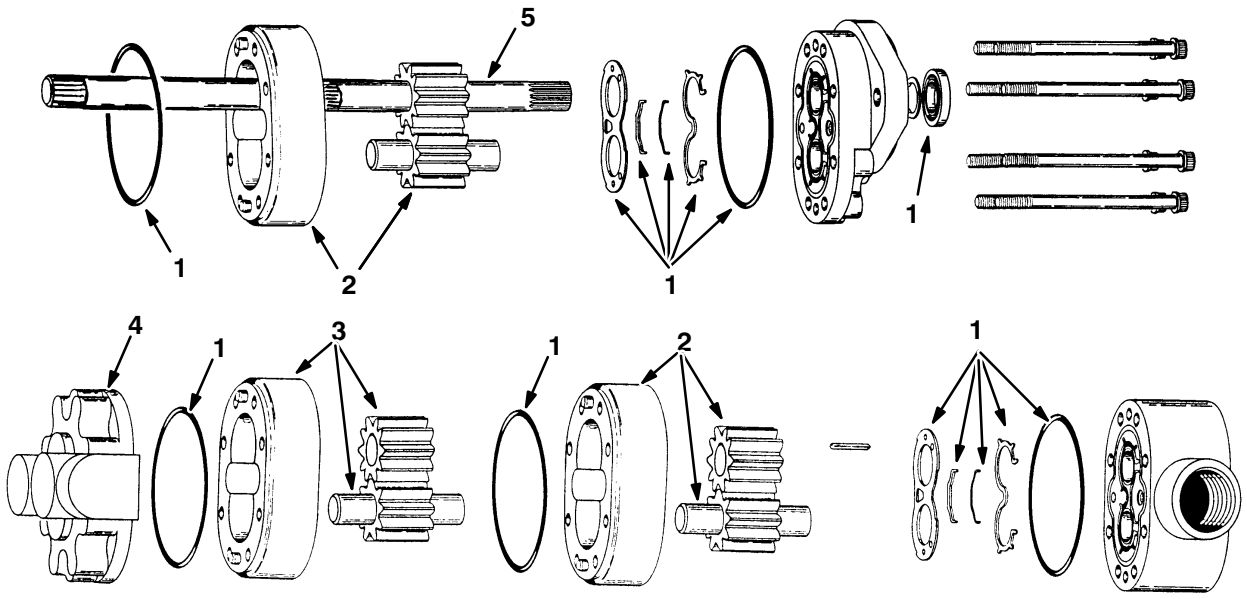
10432/10136,09670

Fig. 8 – Hydraulic Piston Pump Breakdown, 74164

NOTE: Piston Pump, TENNANT Part Number 74164, includes Fig. 7, and Fig. 8.

	Ref.	Tennant Part No.	Machine Serial Number		Description	Qty.
∇		74164	(000000–	)	Pump, Hyd Piston V 2.48 R4500	1
	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

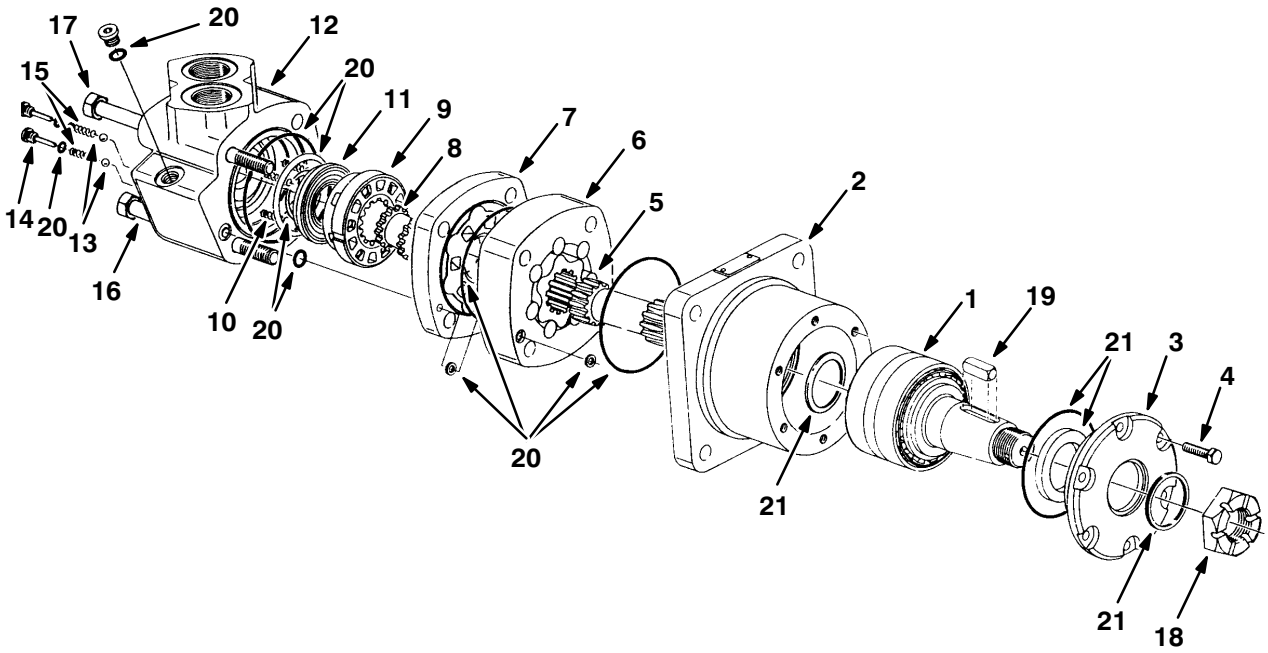
Fig. 9 – Hydraulic Gear Pump Breakdown, 62561



07630/07488

	Ref.	Tennant Part No.	Machine Serial Number		Description	Qty.
∇		62561	(000000–	)	Pump, Gear	1
	1	59305	(000000–	)	Seal Kit	1
	2	58012	(000000–	)	Body and Gear Kit, .66 CIR	2
	3	58013	(000000–	)	Body and Gear Kit, .50 CIR	1
	4	58242	(000000–	)	Back Plate Assembly	1
	5	65226	(000000–	)	Drive Shaft	1

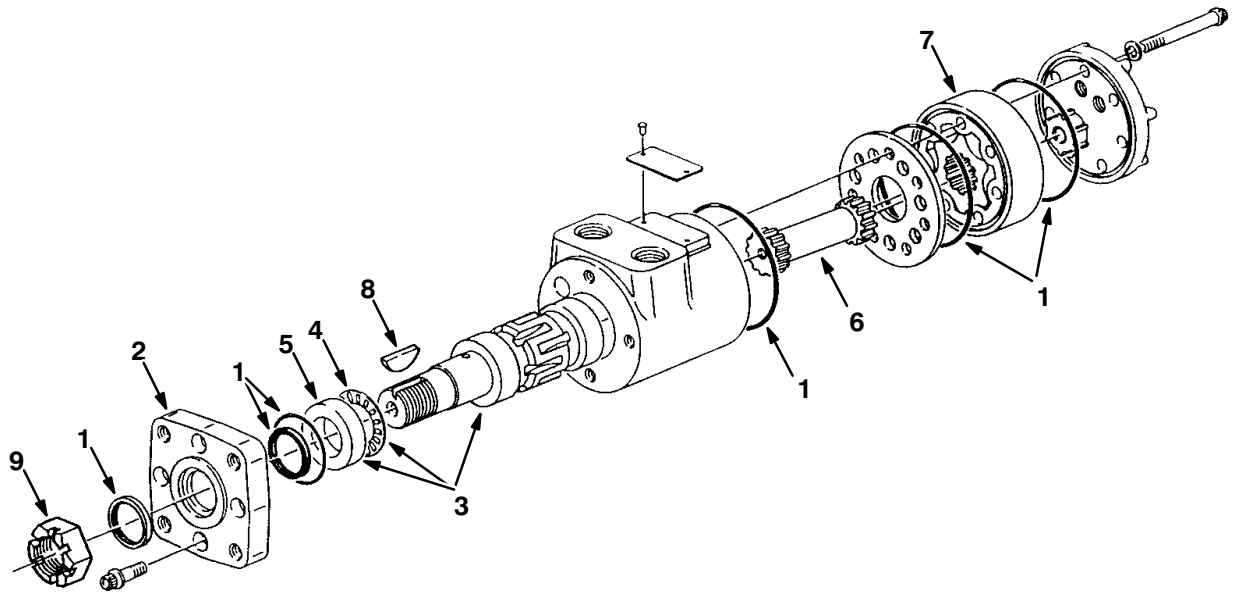
Fig. 10 – Hydraulic Motor Breakdown, 63426



07635/01655

Ref.	Tennant Part No.	Machine 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

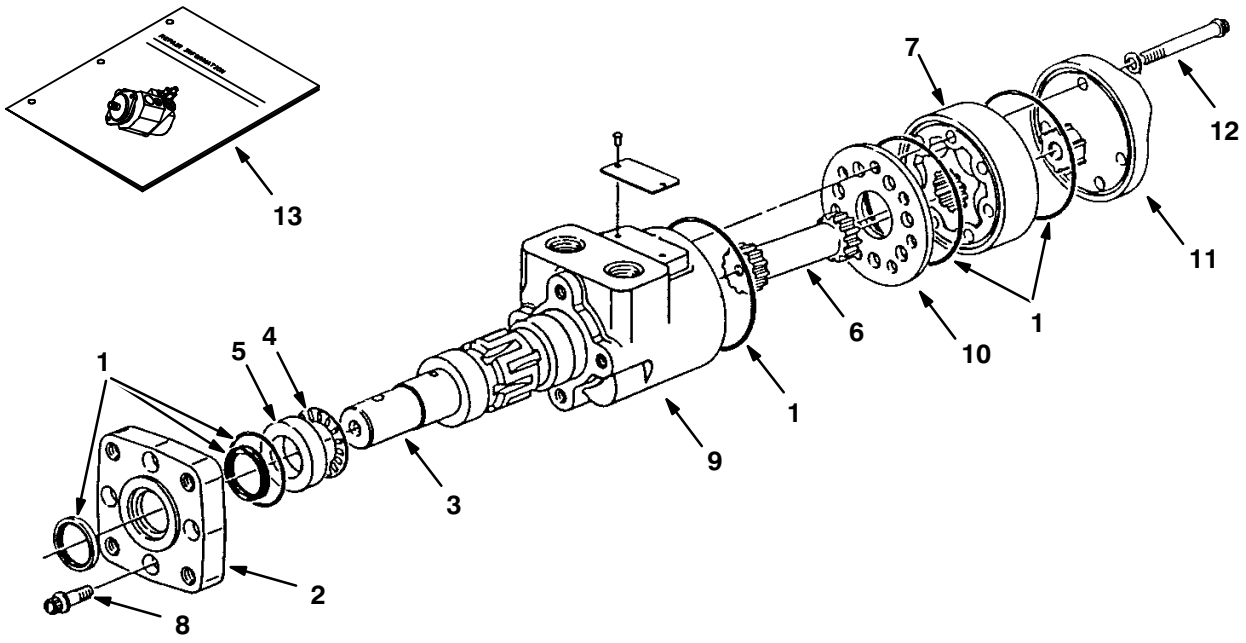
Fig. 11 – Hydraulic Motor Breakdown, 53434



07907/05348

	Ref.	Tennant Part No.	Machine 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

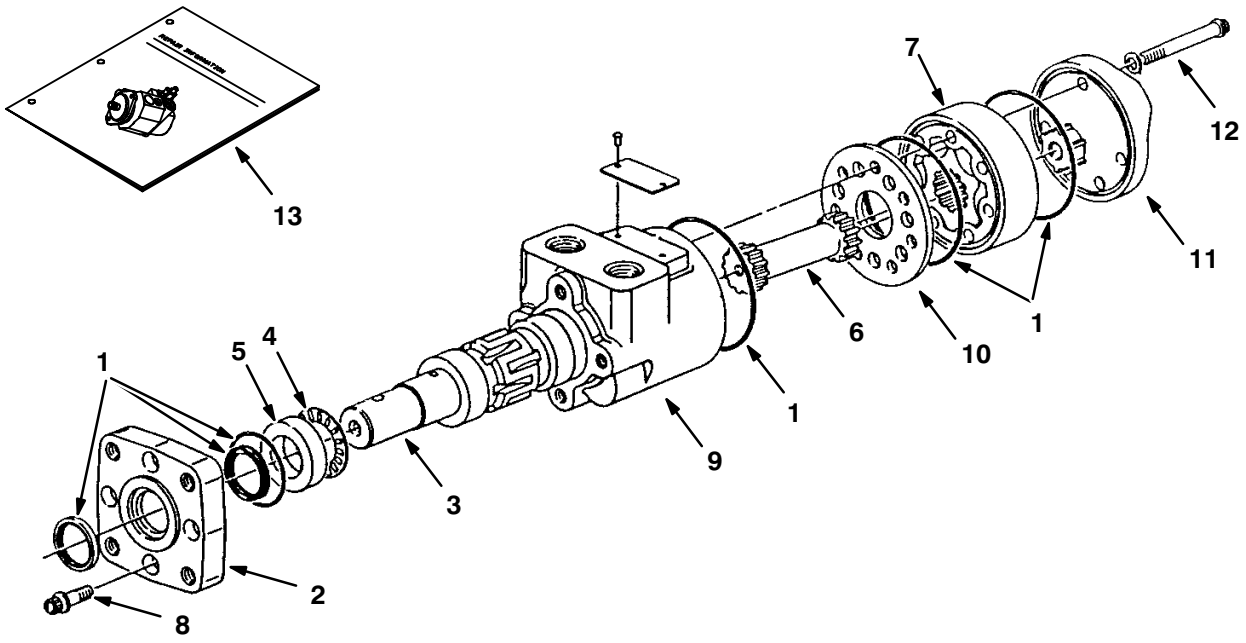
Fig. 12 – Hydraulic Motor Breakdown, 62564



07642/07716,09670

Ref.	Tennant Part No.	Machine Serial Number	Description	Qty.
∇	62564	(000000–)	Motor, Hydraulic (Repl. by 79781)	1
1	61490	(000000–)	Seal Kit	1
2	31354	(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

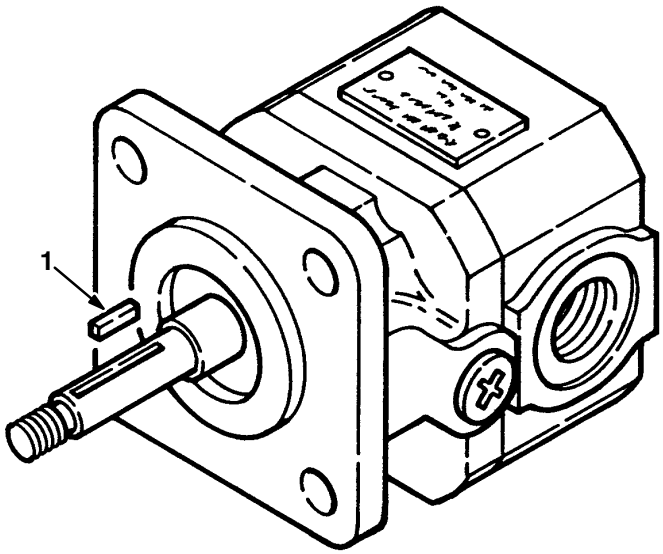
Fig. 13 – Hydraulic Motor Breakdown, 79781



10631/07716,09670

Ref.	Tennant Part No.	Machine 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

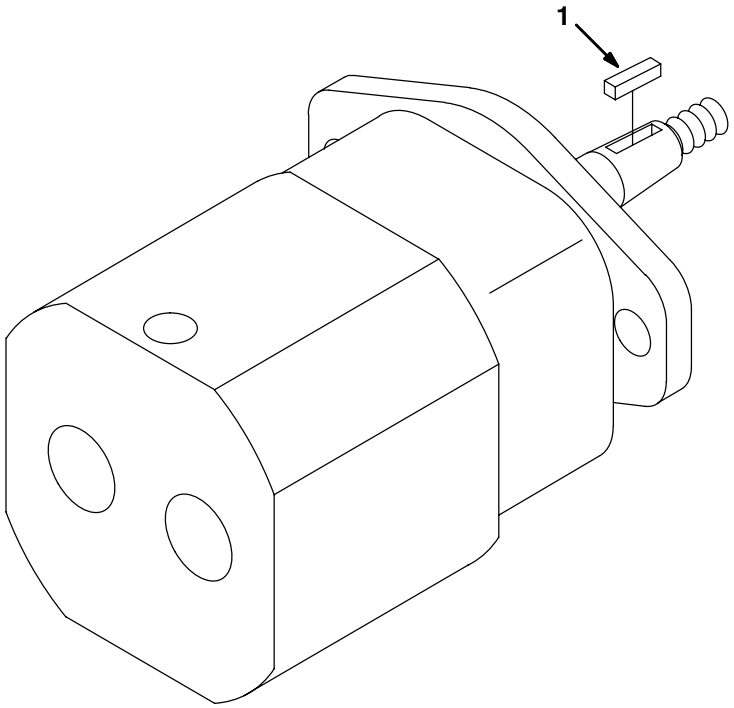
Fig. 14 – Hydraulic Motor Breakdown, 19117



05187/05190

	Ref.	Tennant Part No.	Machine Serial Number		Description	Qty.
∇		19117	(000000–	)	Motor, Hydraulic	1
	1	00954	(000000–	)	Key	1
		74233	(000000–	)	Seal Kit	1

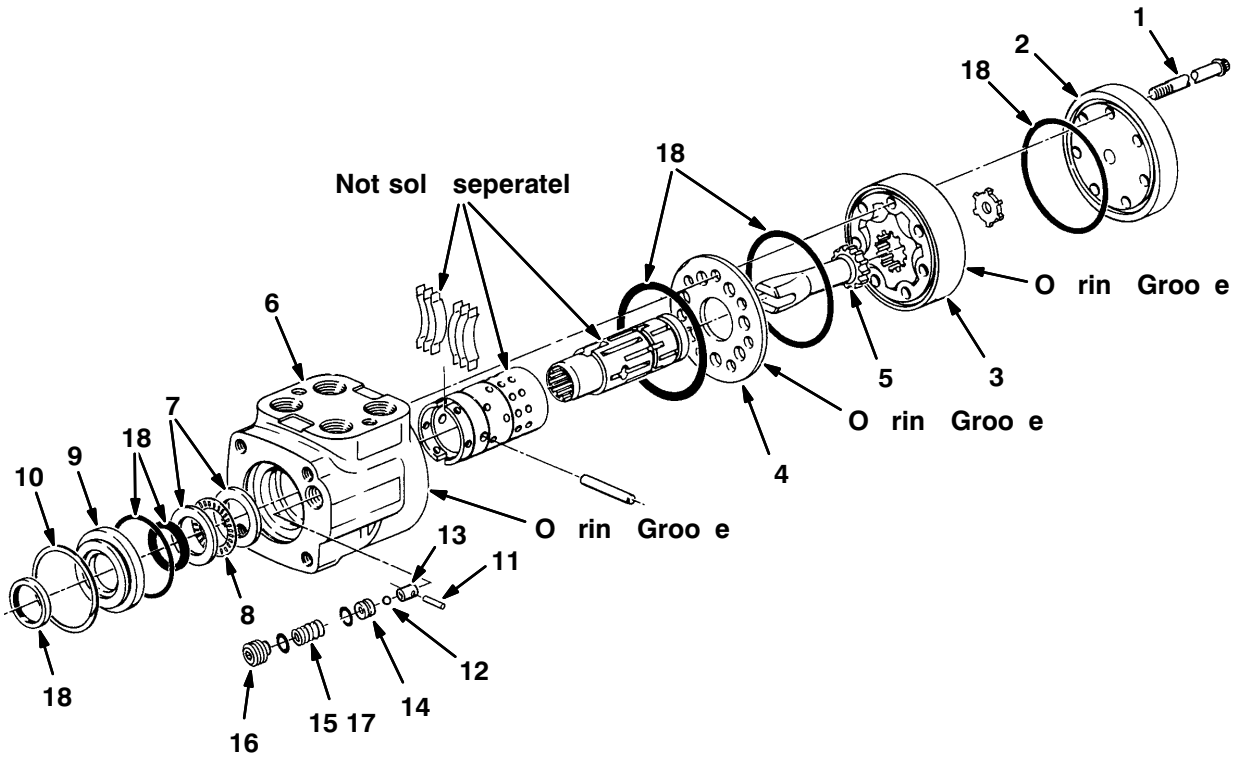
Fig. 15 – Hydraulic Motor Breakdown, 63542



07631/10556

	Ref.	Tennant Part No.	Machine 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

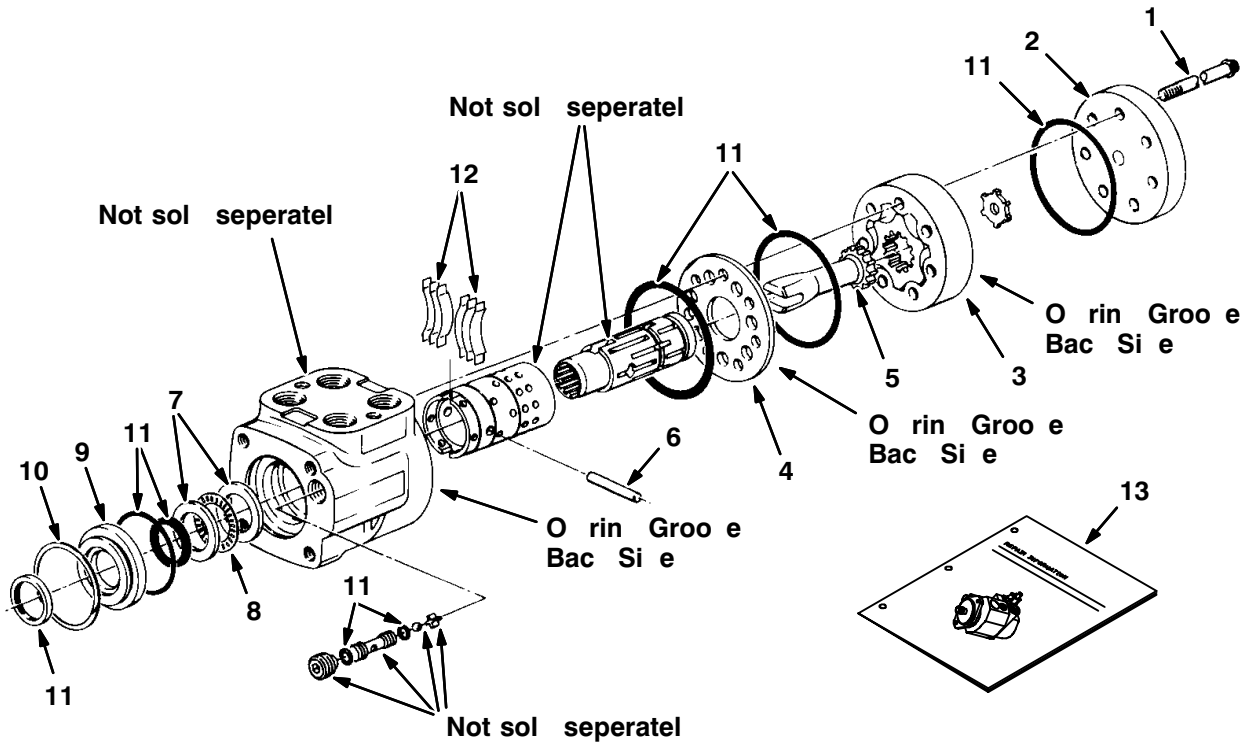
Fig. 16 – Hydraulic Steering Valve Breakdown, 62565



07636/07491

Ref.	Tennant Part No.	Machine Serial Number		Description	Qty.
∇	62565	(000000–	)	Steer Control, Hyd#4 04.5 1300	1
1	65233	(000000–	)	Cap Screw Cl	6
2	65234	(000000–	)	Cap, End Cl	1
3	65235	(000000–	)	Gerotor Set Cl	1
4	74106	(000000–	)	Spacer Plate	1
5	58596	(000000–	)	Drive	1
6	65236	(000000–	)	Control Assy Cl	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	74113	(000000–	)	Pin, Spring Cl	1
12	74114	(000000–	)	Ball, Check Cl	1
13	74115	(000000–	)	Seat	1
14	74116	(000000–	)	Poppet	1
15	65237	(000000–	)	Spring, Comp. Cl	1
16	74118	(000000–	)	Plug	1
17	65238	(000000–	)	Spring, Comp. Cl	1
18	57152	(000000–	)	Seal Kit,Stg	1

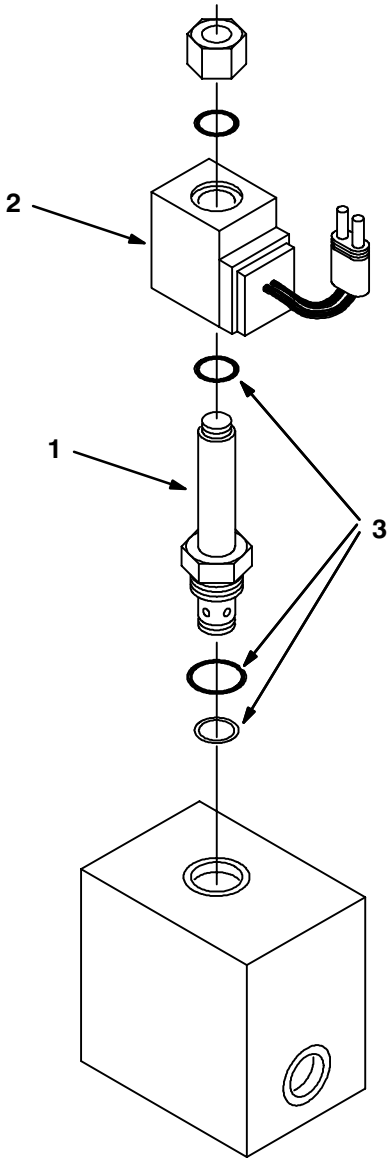
Fig. 17 – Hydraulic Steering Valve Breakdown, 65242



09937/09936/09670

	Ref.	Tennant Part No.	Machine 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	74251	(000000–	)	Repair Info,Scu Cl	1

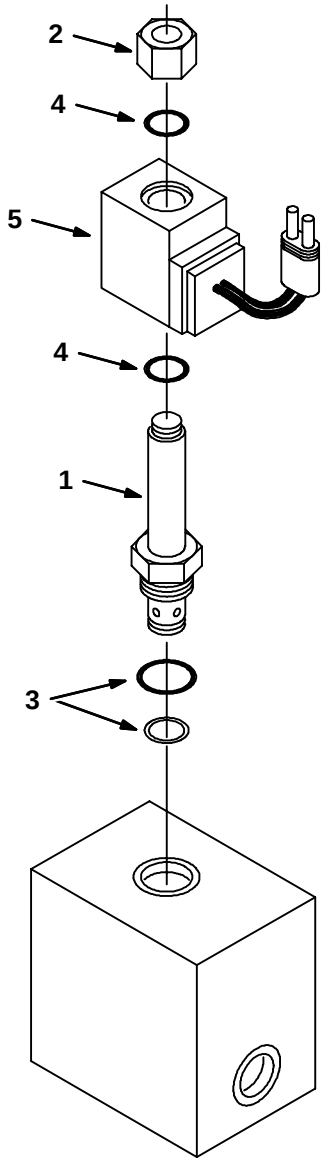
Fig. 18 – Hydraulic Solenoid Valve Breakdown, 65391



07638/07639

	Ref.	Tennant Part No.	Machine Serial Number		Description	Qty.
∇		65391	(000000–	)	Valve–Hyd, Solenoid	1
	1	61927	(000000–	)	Valve Stem N.O.	1
	2	35493	(000000–	)	Coil 12Vdc	1
	3	48813	(000000–	)	Seal Kit, One Cart	1

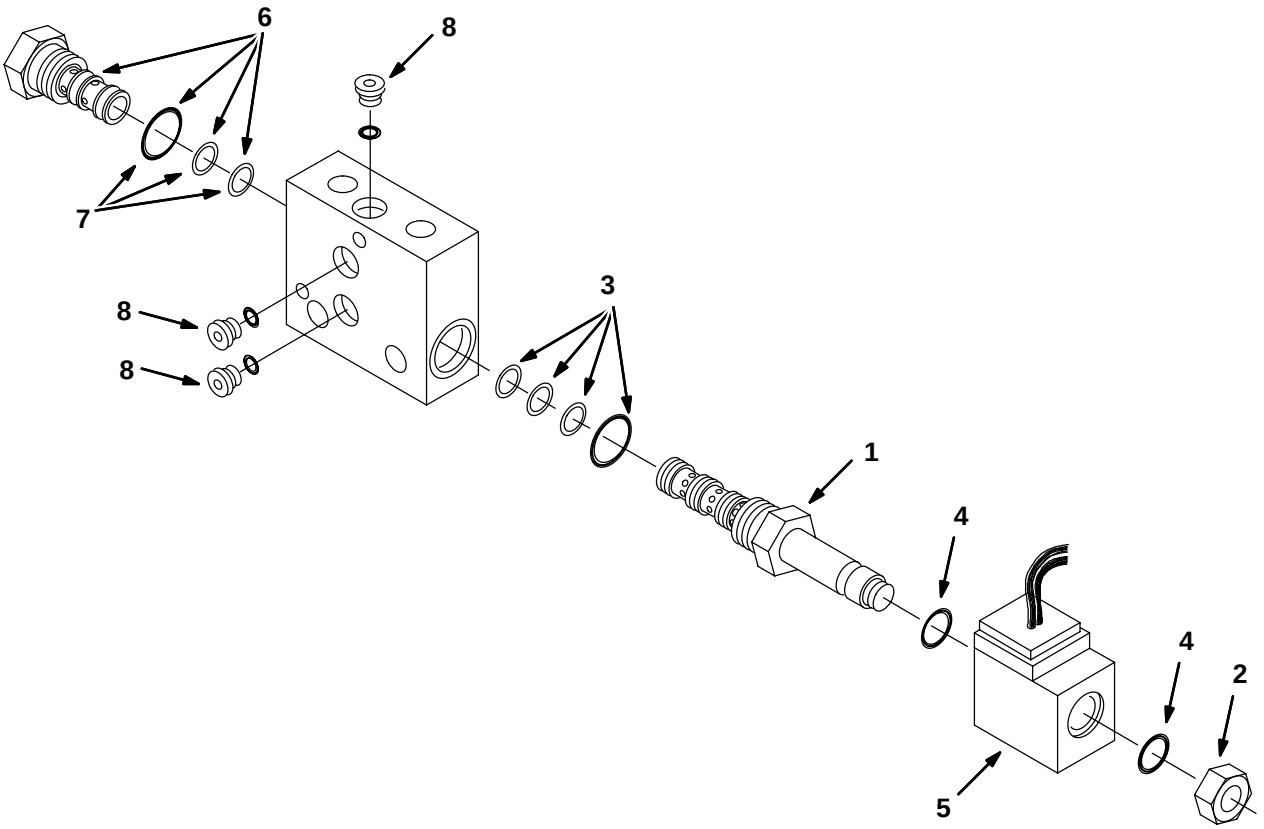
Fig. 19 – Hydraulic Solenoid Valve Breakdown, 84015



10632/07639

	Ref.	Tennant Part No.	Machine 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

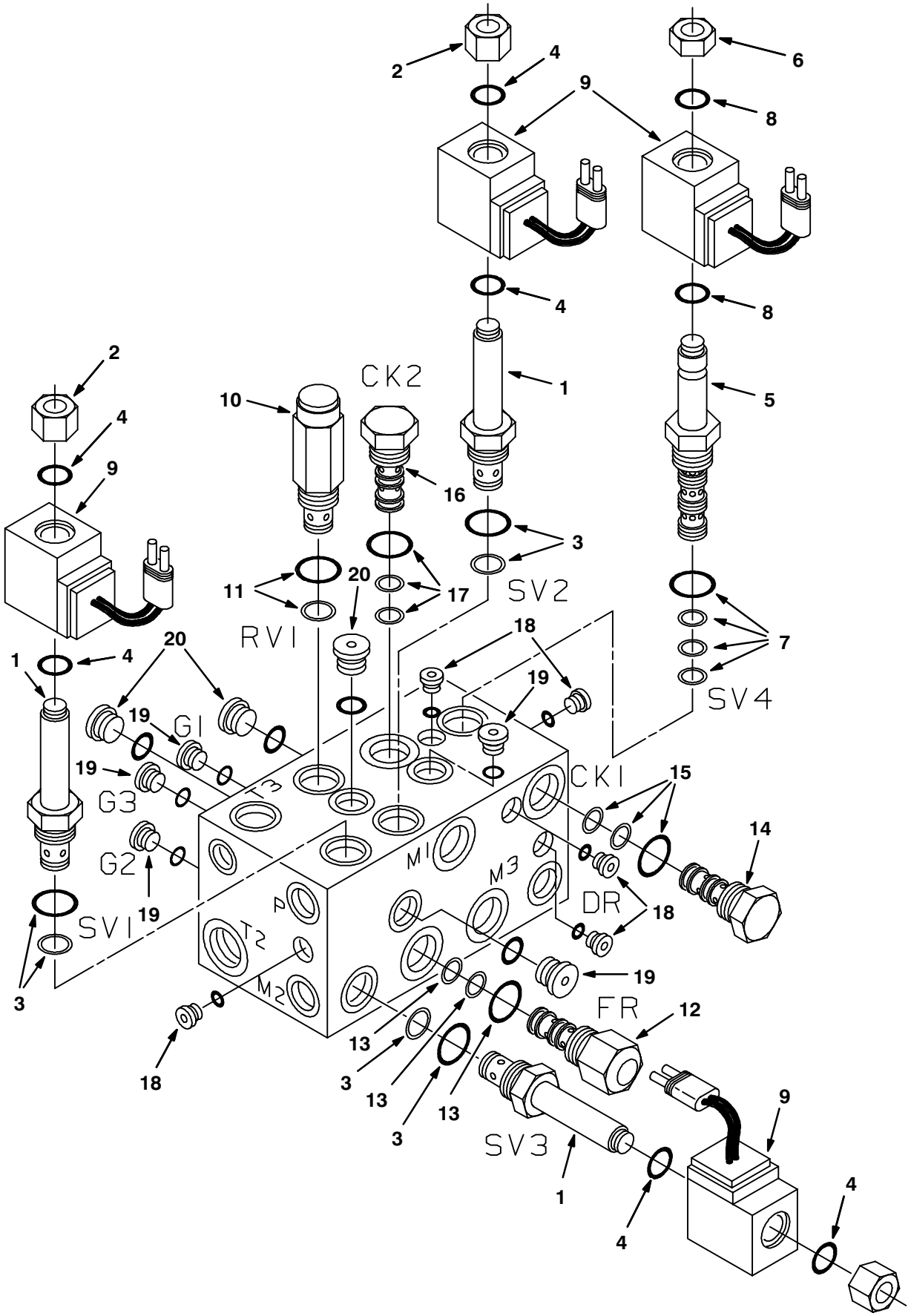
Fig. 20 – Hydraulic Solenoid Valve Breakdown, 84016



10500/10499

	Ref.	Tennant Part No.	Machine 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. 21 – Hydraulic Solenoid Valve Breakdown, 63527

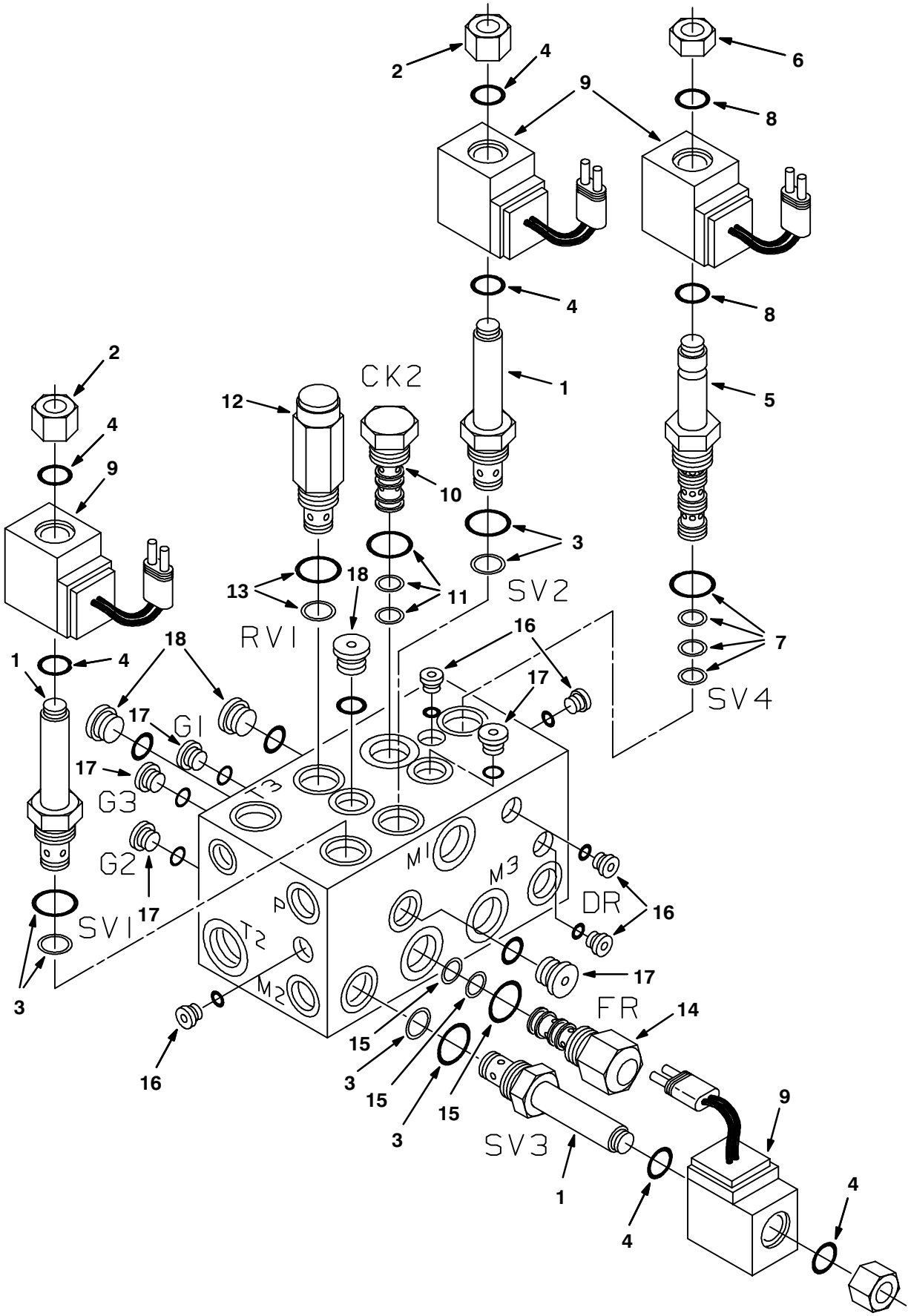


07645/07644

Fig. 21 – Hydraulic Solenoid Valve Breakdown, 63527

	Ref.	Tennant Part No.	Machine Serial Number		Description	Qty.
∇		63527	(000000–	)	Valve–Hyd, Cntl 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, C0il 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, C0il CP	1
	9	79720	(000000–	)	Coil 12V CP	4
∇	10	65240	(000000–	)	Cart, PSI CN CP	1
	11	79711	(000000–	)	Seal Kit, Cart CP	1
∇	12	74268	(000000–	)	Cart Flow Control CP	1
	13	79711	(000000–	)	Seal Kit, Cart CP	1
∇	14	74145	(000000–	)	Cart, Pilot CNTR CP	1
	15	79711	(000000–	)	Seal Kit, Cart CP	1
∇	16	74146	(000000–	)	Cart, Check Valve CP	1
	17	79711	(000000–	)	Seal Kit, Cart CP	1
	18	13902	(000000–	)	Plug #2	6
	19	74098	(000000–	)	Plug Gage #4	5
	20	13904	(000000–	)	Plug Gage #6	3

Fig. 22 – Hydraulic Solenoid Valve Breakdown, 78996

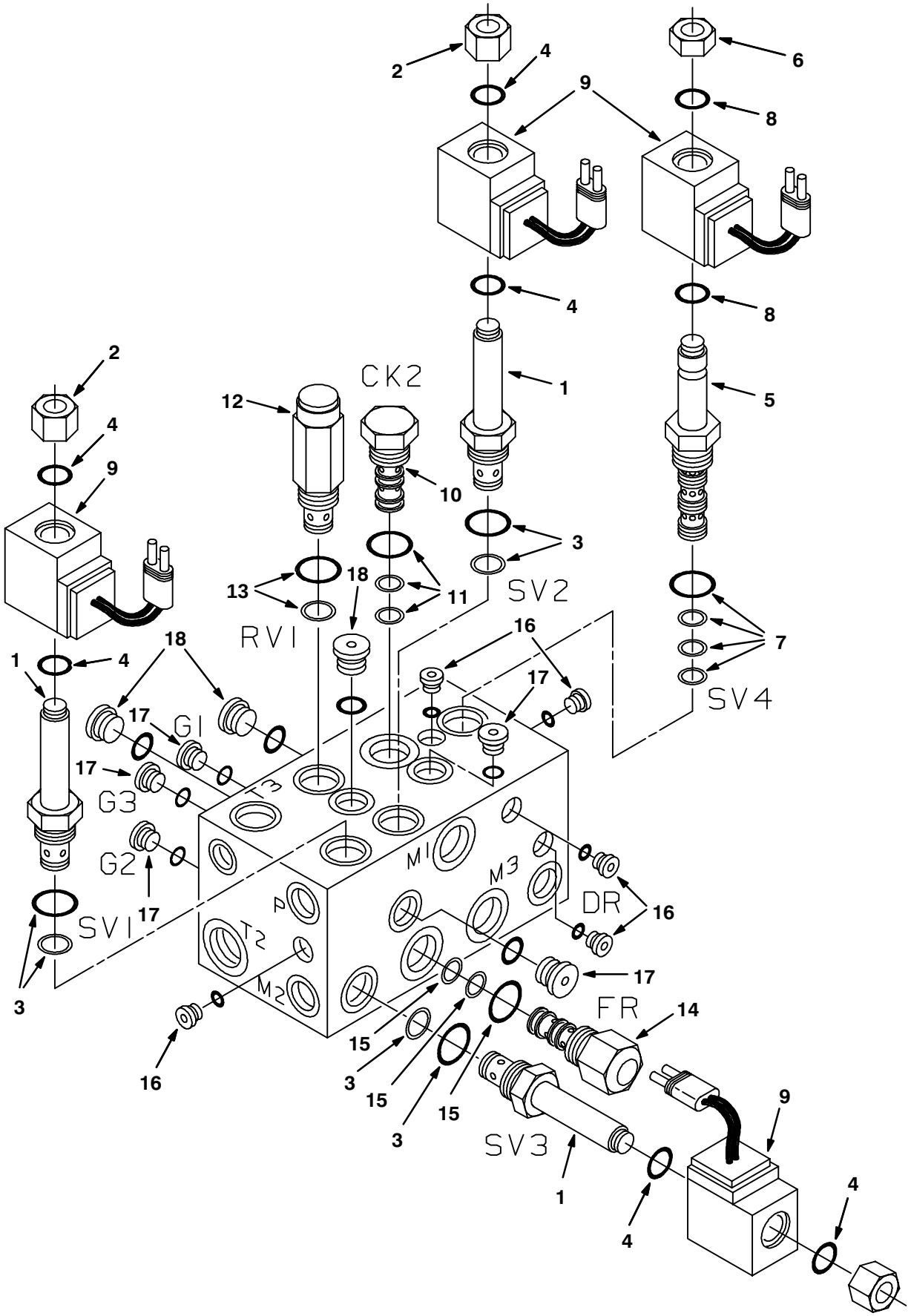


09926/07644

Fig. 22 – Hydraulic Solenoid Valve Breakdown, 78996

	Ref.	Tennant Part No.	Machine Serial Number		Description	Qty.
∇		78996	(000000–	)	Valve–Hyd, 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, C0il 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, C0il CP	1
	9	79720	(000000–	)	Coil 12V 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. 23 – Hydraulic Solenoid Valve Breakdown, 84014

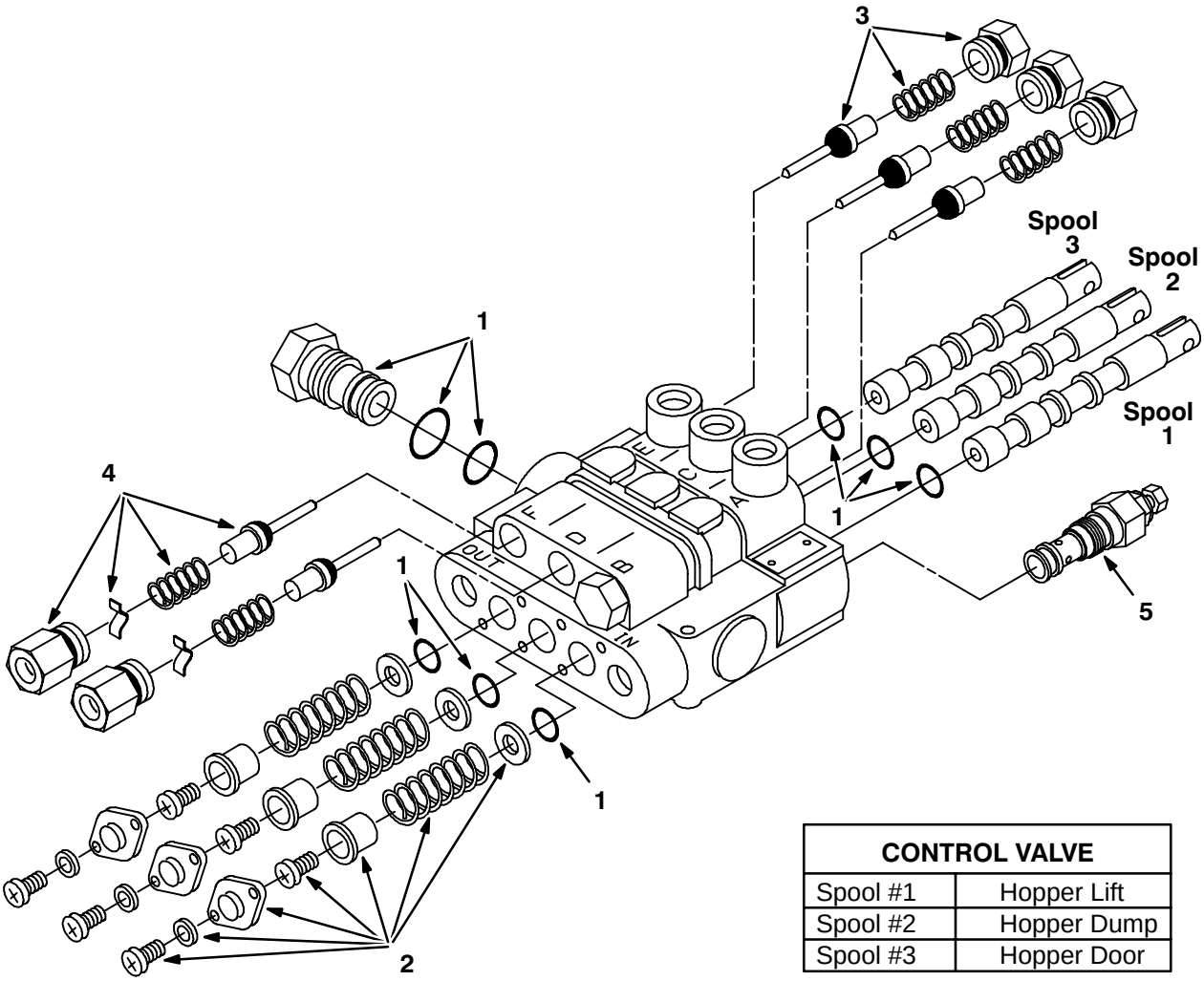


10633/07644

Fig. 23 – Hydraulic Solenoid Valve Breakdown, 84014

	Ref.	Tennant Part No.	Machine 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. 24 – Hydraulic Valve Breakdown, 62567

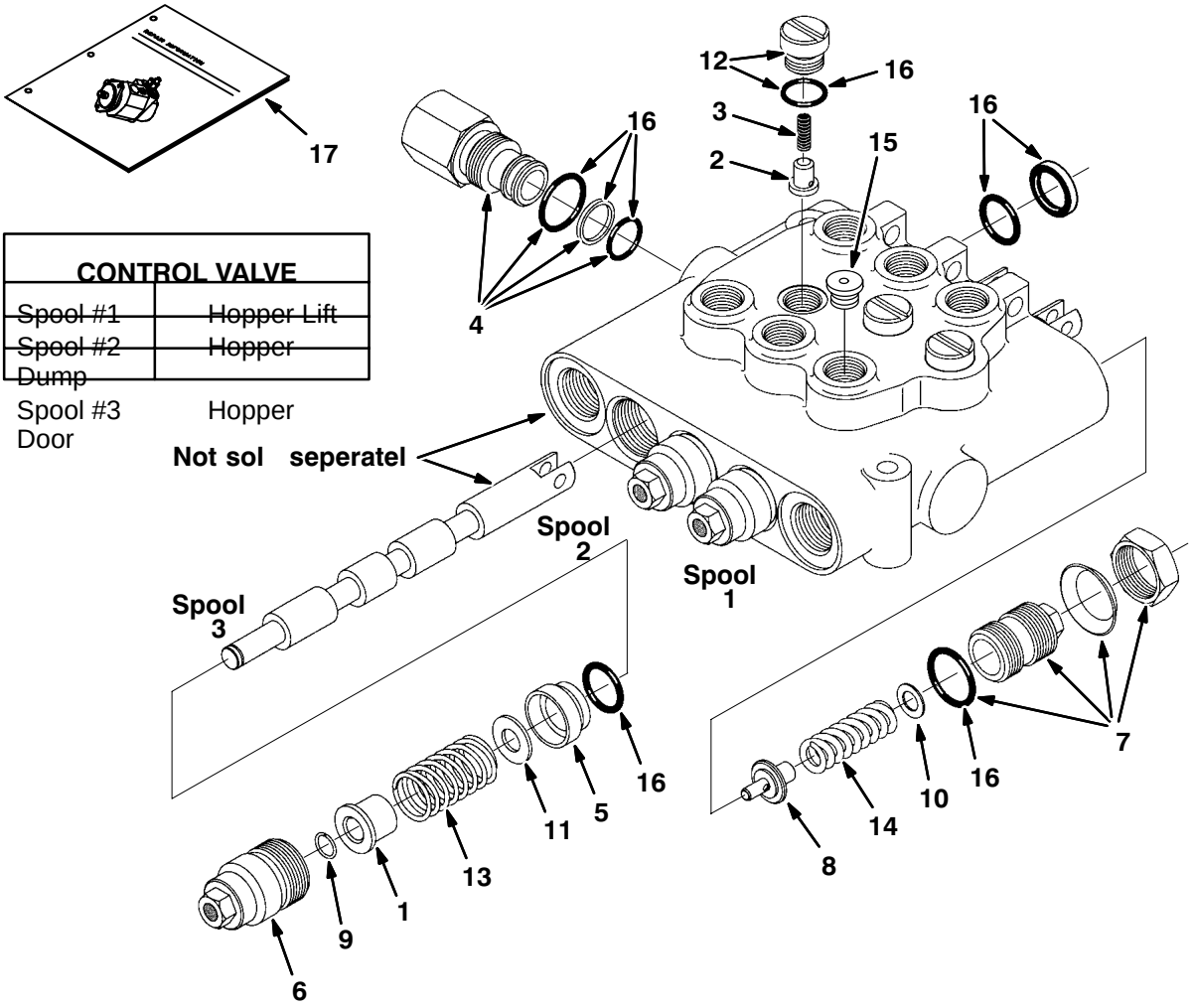


CONTROL VALVE	
Spool #1	Hopper Lift
Spool #2	Hopper Dump
Spool #3	Hopper Door

07640/07641

	Ref.	Tennant Part No.	Machine Serial Number		Description	Qty.
∇		62567	(000000–	)	Valve, Hydraulic	1
	1	74128	(000000–	)	Seal Kit	1
	2	74126	(000000–	)	Spring Kit	3
	3	74129	(000000–	)	Check Kit, Pilot	3
	4	74130	(000000–	)	Check Kit, Pilot	2
	5	74131	(000000–	)	Relief Cart.	1

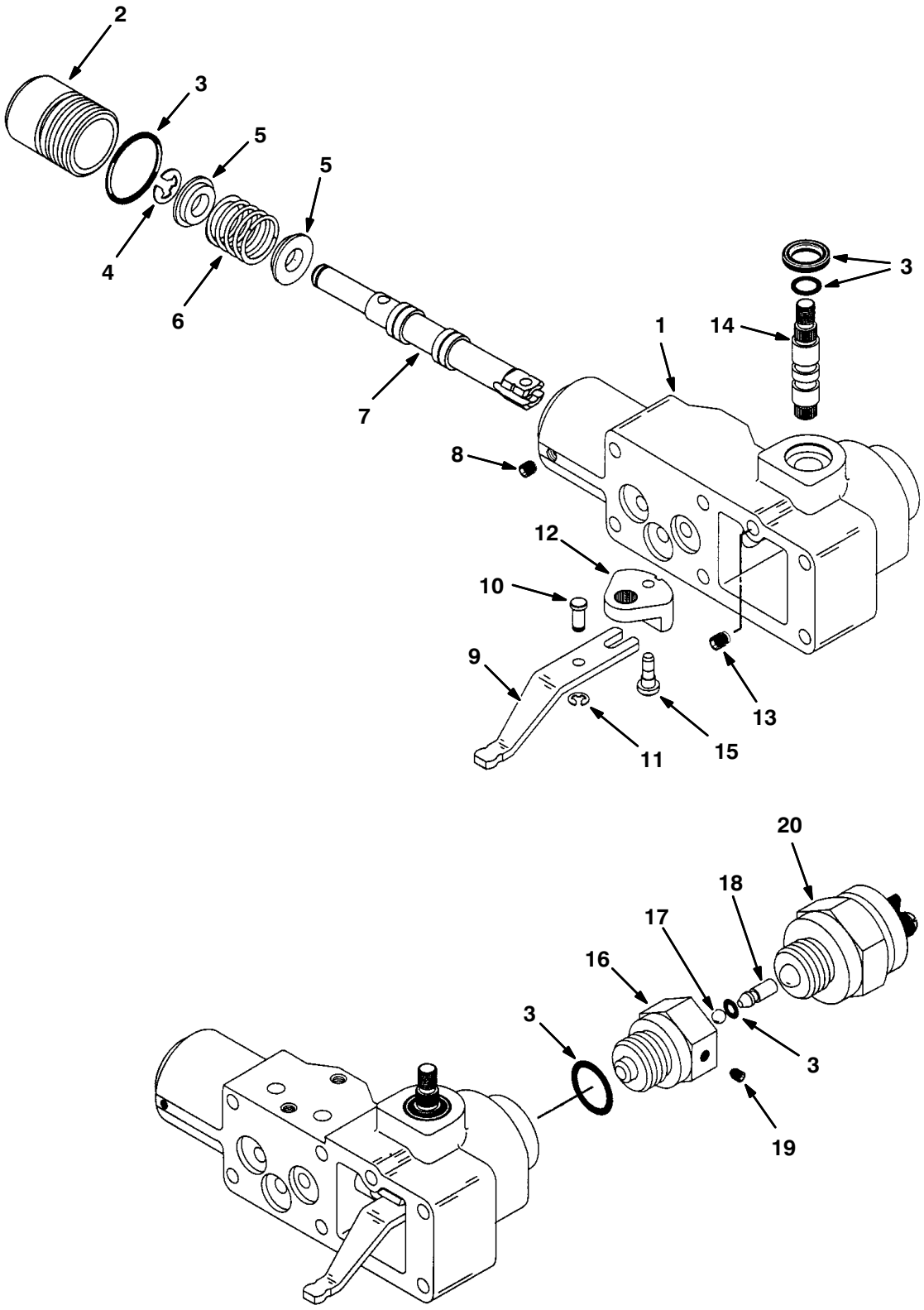
Fig. 25 – Hydraulic Valve Breakdown, 77495



10407/10408,09670

Ref.	Tennant Part No.	Machine Serial Number	Description	Qty.
∇	77495	(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. 26 – Hydraulic Manual Control Breakdown, 74285

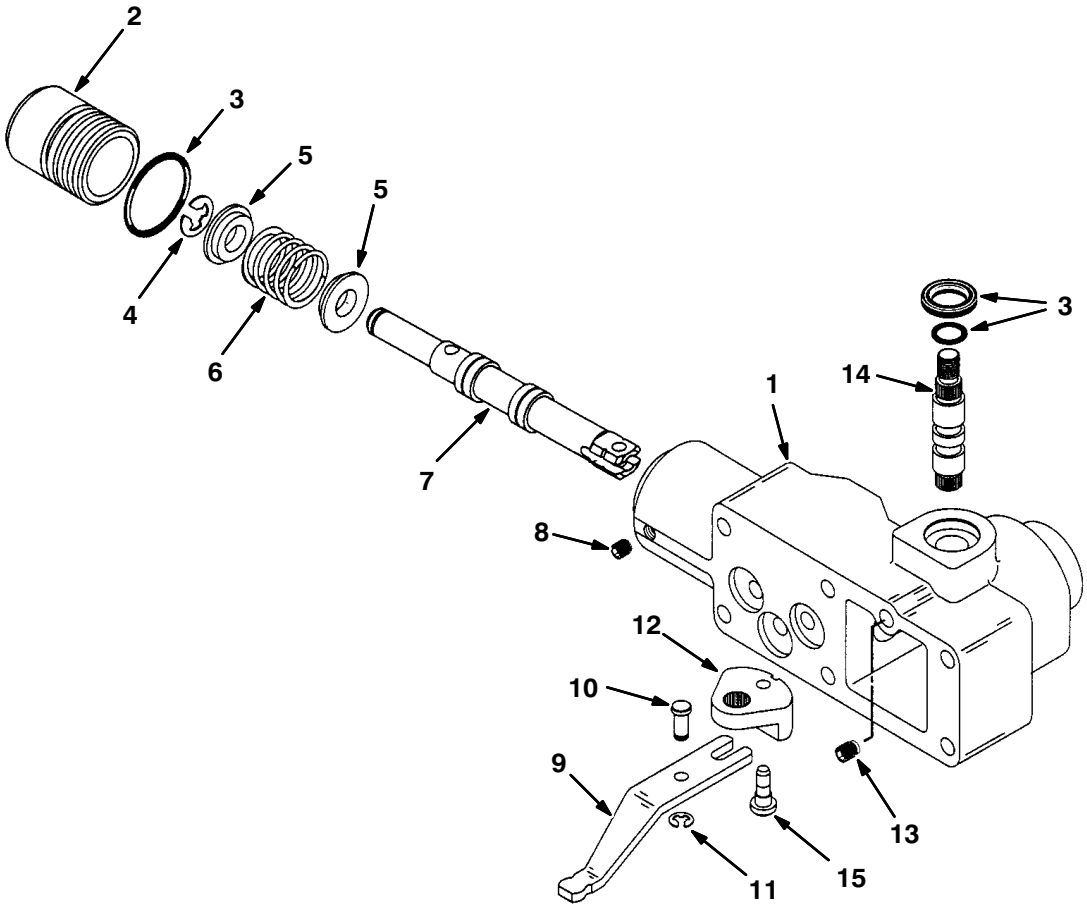


10138/10139

Fig. 26 – Hydraulic Manual Control Breakdown, 74285

	Ref.	Tennant Part No.	Machine Serial Number		Description	Qty.
∇		74285	(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	79773	(000000–	)	Adaptor,Neutral En	1
	17	79774	(000000–	)	Ball En	1
	18	79778	(000000–	)	Pin, Cntrl Assy En	1
	19	79760	(000000–	)	Screw, Set En	1
	20	79775	(000000–	)	Switch,Lockout En	1

Fig. 27 – Hydraulic Manual Control Breakdown, 74273

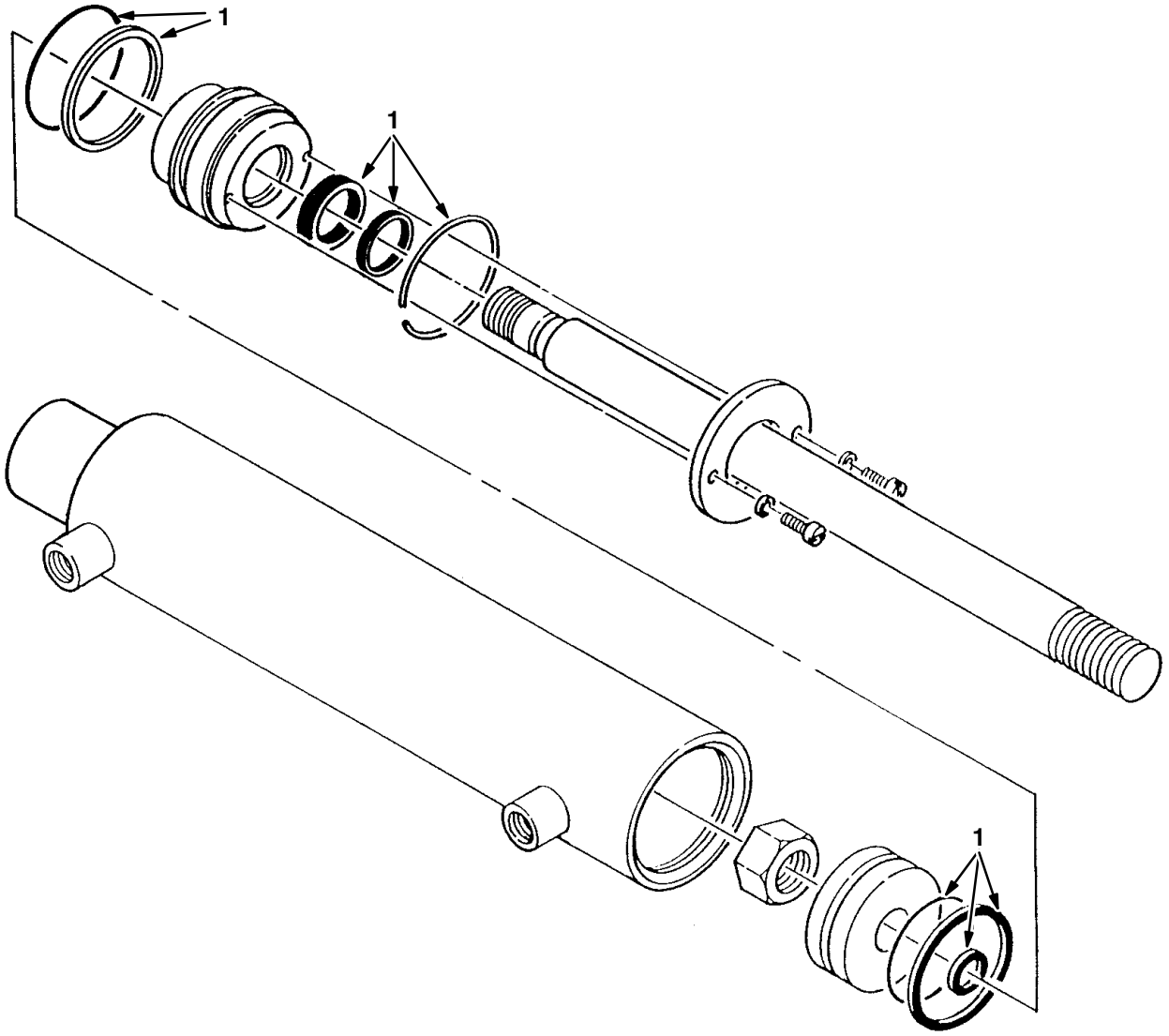


10133/10134

Fig. 27 – Hydraulic Manual Control Breakdown, 74273

	Ref.	Tennant Part No.	Machine 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

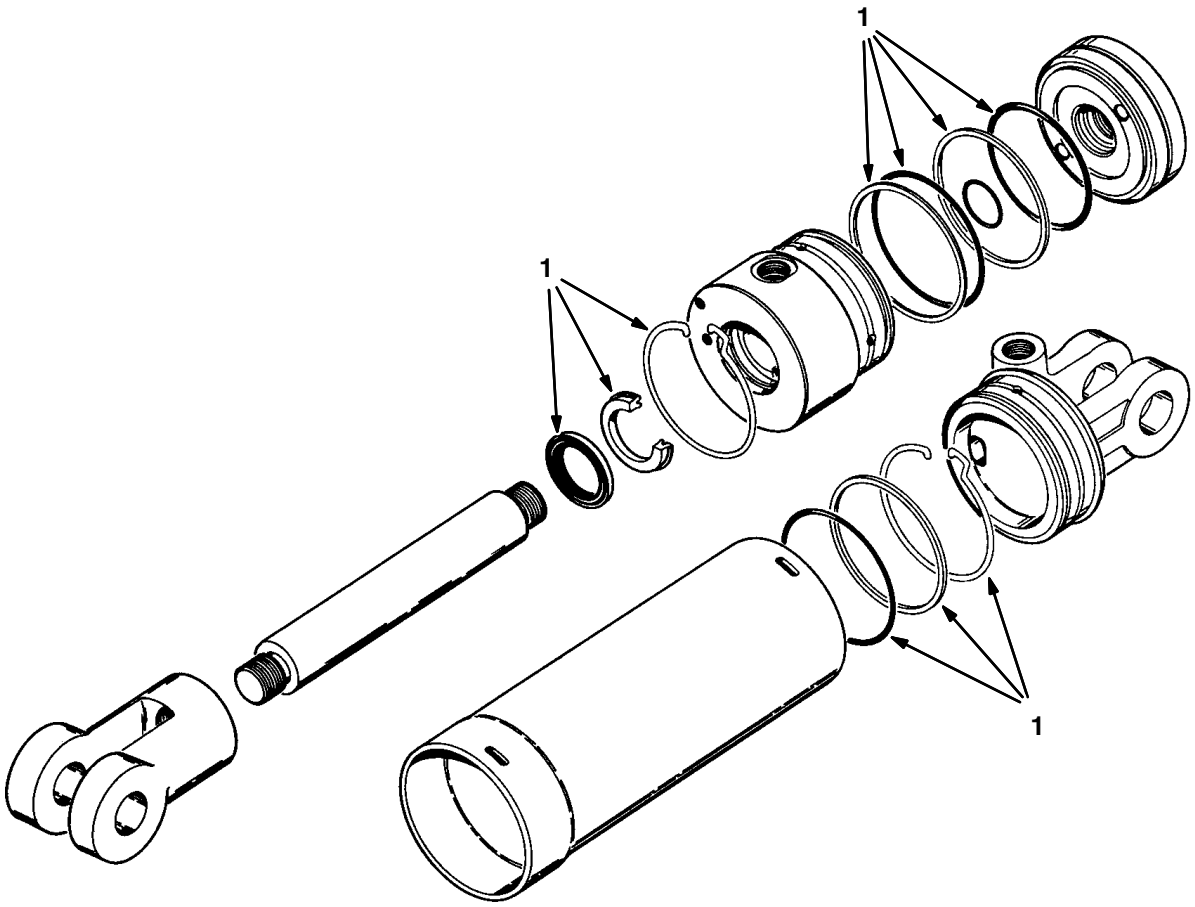
Fig. 28 – Hydraulic Cylinder Breakdown, 53601



07913/07494

	Ref.	Tennant Part No.	Machine Serial Number		Description	Qty.
∇		53601	(000000–	)	Cylinder, Hydraulic	1
	1	04483	(000000–	)	Seal Kit	1

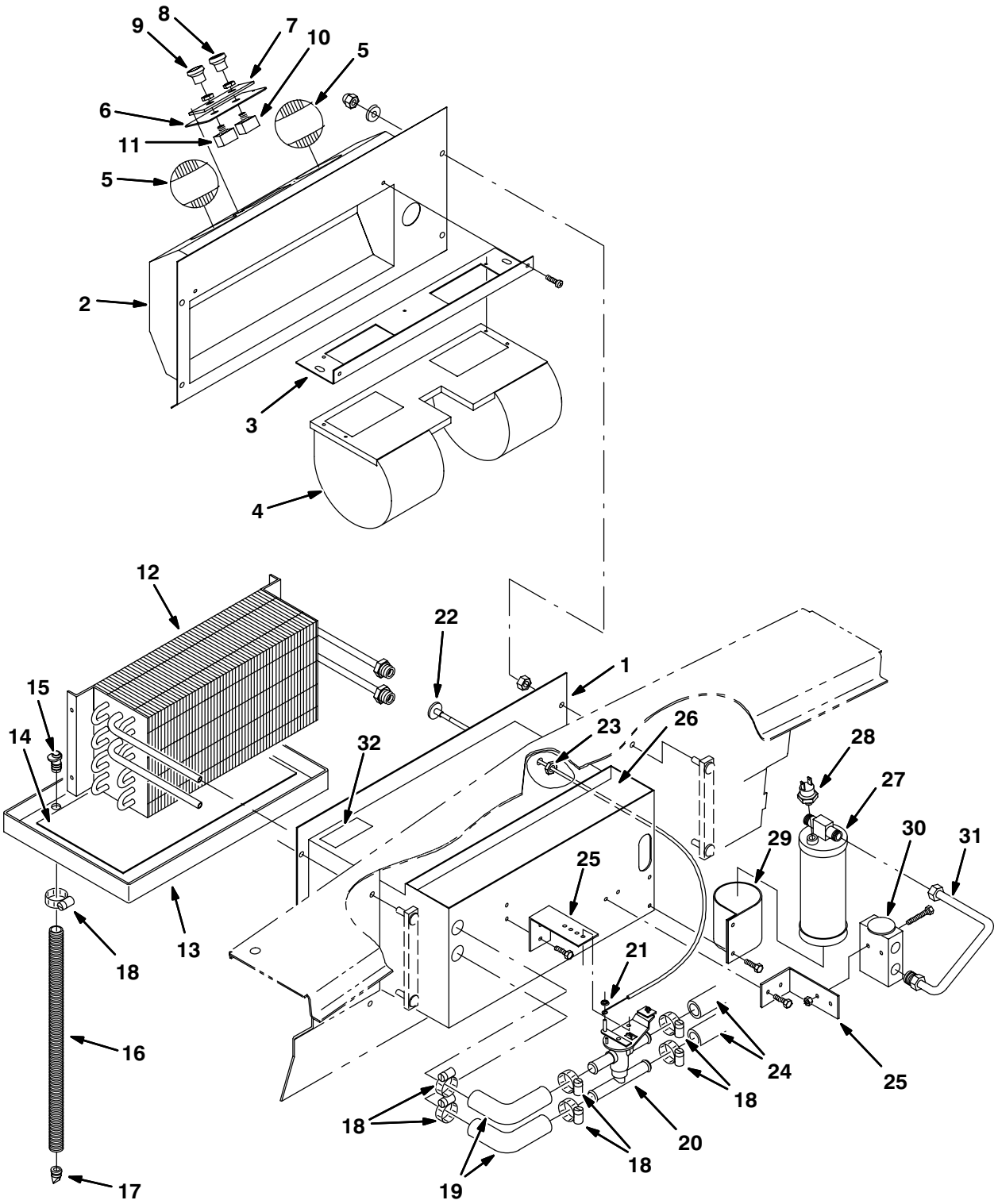
Fig. 29 – Hydraulic Cylinder Breakdown, 62975



10403/10404

	Ref.	Tennant Part No.	Machine Serial Number		Description	Qty.
∇		62975	(000000–	)	Cylinder, Hyd 4.0B 14.5S 2500	1
1040422	1	~~79783~~	(000000–	)	Seal Kit, Cyl	1
	2	79784	(000000–	)	Repair Info,Cyl En	1

Fig. 30 – Air Conditioner Breakdown, 77675

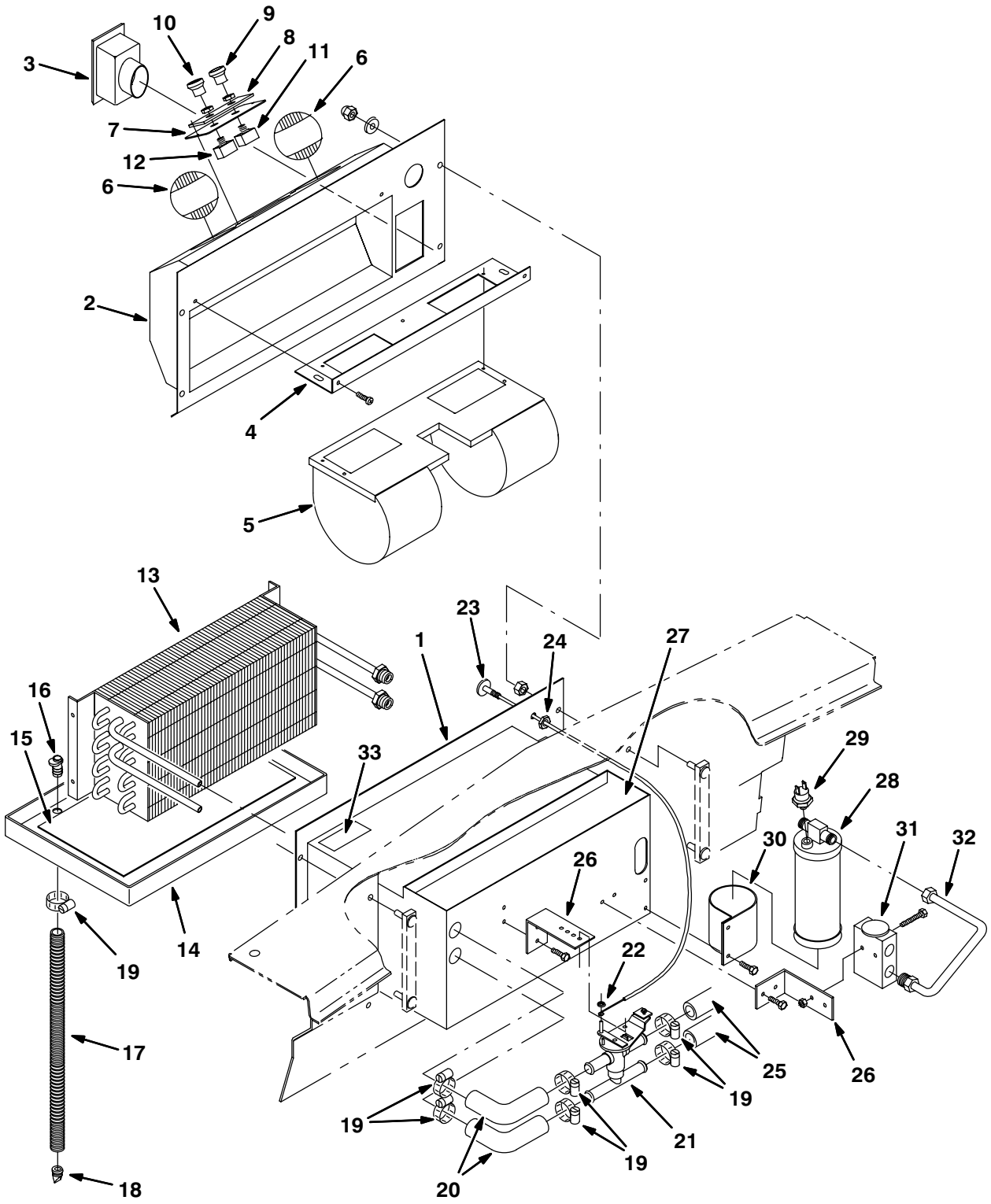


08954/08955

Fig. 30 – Air Conditioner Breakdown, 77675

	Ref.	Tennant Part No.	Machine Serial Number		Description	Qty.
∇		77675	(000000–	)	Air Conditioner, A 134 (Repl. by 21270)	1
	1	77825	(000000–	)	Box, A/C (Repl. by 21281)	1
	2	77826	(000000–	)	Case Front Cover (Repl. by 21281)	1
	3	79688	(000000–	)	Bracket, Blower Mount	1
	4	55042	(000000–	)	Blower	1
	5	77827	(000000–	)	Louver	2
	6	79689	(000000–	)	Bracket, Switch, A/C	1
	7	77833	(000000–	)	Face Plate Ac/Heat	1
	8	77828	(000000–	)	Knob, Fan	1
	9	77829	(000000–	)	Knob, Temp	1
	10	77830	(000000–	)	Switch, Blower	1
	11	77831	(000000–	)	Switch, Thermo	1
	12	77839	(000000–	)	Core, Heating/Cooling	1
	13	77849	(000000–	)	Drain Pan De	1
	14	77848	(000000–	)	Water Screen Foam De	1
	15	79695	(000000–	)	Drain Pan Tube De	2
	16	77517	(000000–	)	Hose, A/C Drain	2
	17	79698	(000000–	)	Valve, Check	2
	18	77872	(000000–	)	Hose Clamp De	8
	19	77846	(000000–	)	Hose Elbow 5/8 De	2
	20	77841	(000000–	)	Water Valve	1
	21	77842	(000000–	)	Valve, Push Nut Water	1
	22	77835	(000000–	)	Cable, Bowden	1
	23	79692	(000000–	)	Jamb Nut 7/16 Hex De	1
	24	32151	(000000–	)	Heater Hose 72In De	2
	25	79694	(000000–	)	Valve Mountng Brkt De	2
	26	77847	(000000–	)	Foam Case Insul De	1
	27	77843	(000000–	)	Dryer	1
	28	77844	(000000–	)	Binary Press. Switch	1
	29	77845	(000000–	)	Dryer Bracket De	1
	30	77840	(000000–	)	Explansion Block	1
	31	79697	(000000–	)	Alum.Dryer Line De	1
	32	79699	(000000–	)	Decal	1
		77832	(000000–	)	Wire Harness	1

Fig. 31 – Air Conditioner Breakdown, 21270

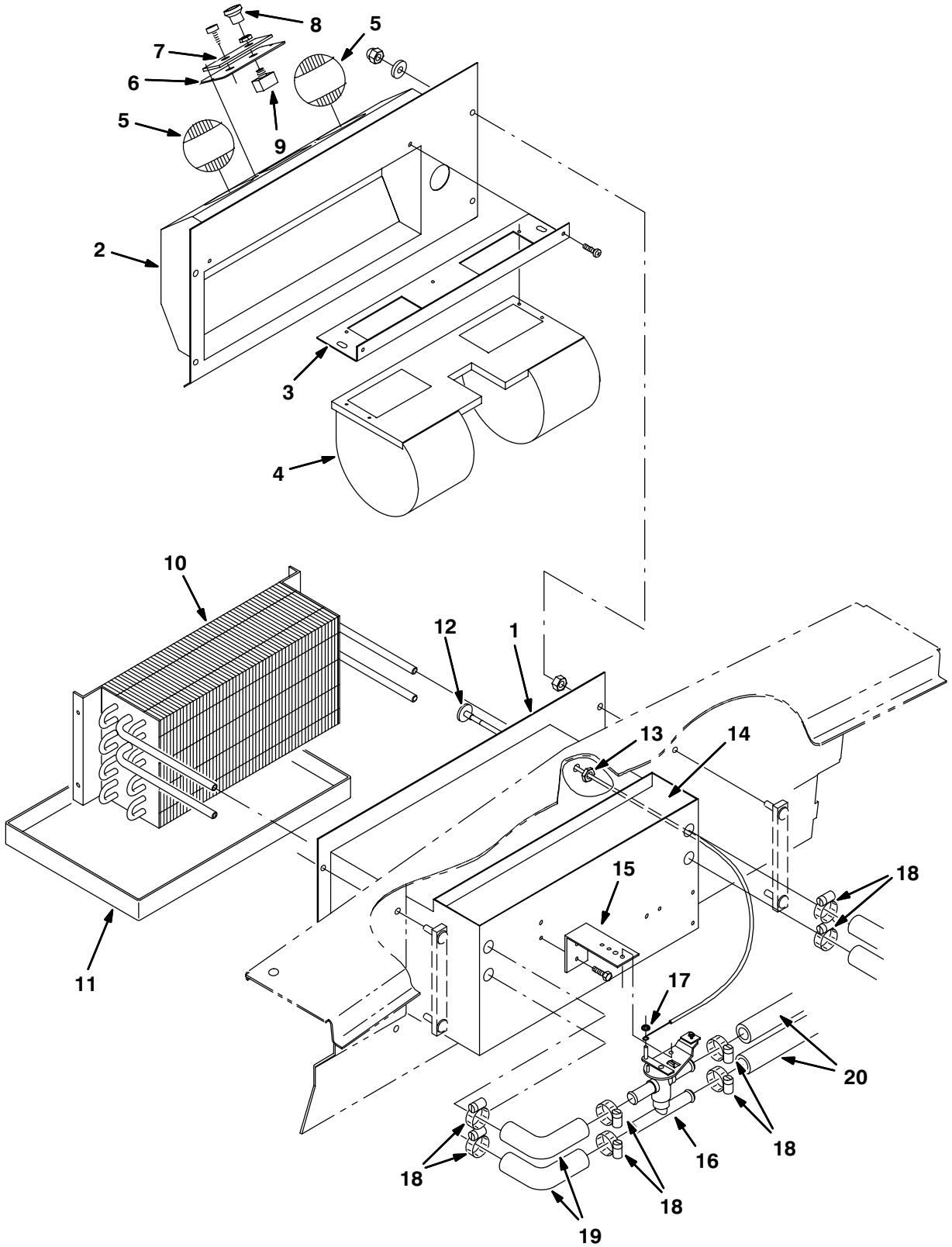


10341/08955

Fig. 31 – Air Conditioner Breakdown, 21270

	Ref.	Tennant Part No.	Machine Serial Number		Description	Qty.
∇		21270	(000000–	)	Air Conditioner 134R Recirc	1
	1	21279	(000000–	)	Box, A/C	1
	2	21280	(000000–	)	Cover, A/C	1
	3	21272	(000000–	)	Louver, Recirc	1
	4	79688	(000000–	)	Bracket, Blower Mount	1
	5	55042	(000000–	)	Blower	1
	6	77827	(000000–	)	Louver	2
	7	79689	(000000–	)	Bracket, Switch, A/C	1
	8	77833	(000000–	)	Face Plate Ac/Heat	1
	9	77828	(000000–	)	Knob, Fan	1
	10	77829	(000000–	)	Knob, Temp	1
	11	77830	(000000–	)	Switch, Blower	1
	12	77831	(000000–	)	Switch, Thermo	1
	13	77839	(000000–	)	Core, Heating/Cooling	1
	14	77849	(000000–	)	Drain Pan De	1
	15	77848	(000000–	)	Water Screen Foam De	1
	16	79695	(000000–	)	Drain Pan Tube De	2
	17	77517	(000000–	)	Hose, A/C Drain	2
	18	79698	(000000–	)	Valve, Check	2
	19	77872	(000000–	)	Hose Clamp De	8
	20	77846	(000000–	)	Hose Elbow 5/8 De	2
	21	77841	(000000–	)	Water Valve	1
	22	77842	(000000–	)	Valve, Push Nut Water	1
	23	77835	(000000–	)	Cable, Bowden	1
	24	79692	(000000–	)	Jamb Nut 7/16 Hex De	1
	25	32151	(000000–	)	Heater Hose 72In De	2
	26	79694	(000000–	)	Valve Mountng Brkt De	2
	27	77847	(000000–	)	Foam Case Insul De	1
	28	77843	(000000–	)	Dryer	1
	29	77844	(000000–	)	Binary Press. Switch	1
	30	77845	(000000–	)	Dryer Bracket De	1
	31	77840	(000000–	)	Explansion Block	1
	32	79697	(000000–	)	Alum.Dryer Line De	1
	33	79699	(000000–	)	Decal	1
		77832	(000000–	)	Wire Harness	1

Fig. 32 – Heater/Pressurizer Breakdown, 74091

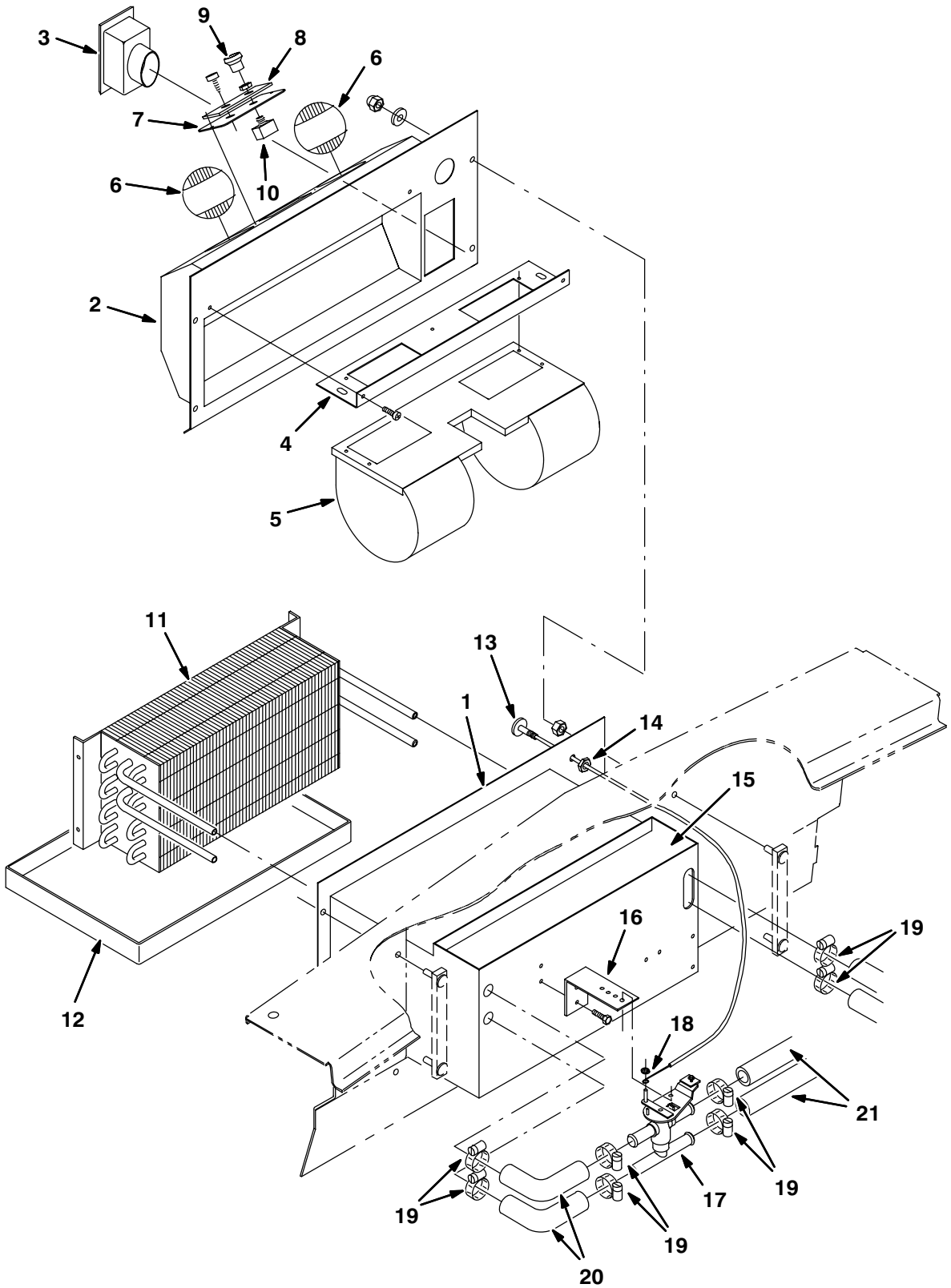


08956/08957

Fig. 32 – Heater/Pressurizer Breakdown, 74091

	Ref.	Tennant Part No.	Machine Serial Number		Description	Qty.
∇		74091	(000000–	)	Heater, Pressurizer (Repl. by 21271)	1
	1	77825	(000000–	)	Box, A/C	1
	2	77826	(000000–	)	Case Front Cover	1
	3	79688	(000000–	)	Bracket, Blower Mount	1
	4	55042	(000000–	)	Blower	1
	5	77827	(000000–	)	Louver	2
	6	79690	(000000–	)	Switch Brkt Heat De	1
	7	77834	(000000–	)	Face Plate Heat De	1
	8	77828	(000000–	)	Knob, Fan	1
	9	77830	(000000–	)	Switch, Blower	1
	10	77839	(000000–	)	Core, Heating/Cooling	1
	11	77849	(000000–	)	Drain Pan De	1
	12	77835	(000000–	)	Cable, Bowden	1
	13	79692	(000000–	)	Jamb Nut 7/16 Hex De	1
	14	77847	(000000–	)	Foam Case Insul De	1
	15	79694	(000000–	)	Valve Mountng Brkt De	1
	16	77841	(000000–	)	Water Valve	1
	17	77842	(000000–	)	Valve, Push Nut Water	1
	18	77872	(000000–	)	Hose Clamp De	8
	19	77846	(000000–	)	Hose Elbow 5/8 De	2
	20	32151	(000000–	)	Heater Hose 72In De	2
		77832	(000000–	)	Wire Harness	1

Fig. 33 – Heater/Pressurizer Breakdown, 21271



10342/08957

Fig. 33 – Heater/Pressurizer Breakdown, 21271

	Ref.	Tennant Part No.	Machine Serial Number		Description	Qty.
∇		21271	(000000–	)	Heater, Pressurizer	1
	1	21279	(000000–	)	Box, A/C	1
	2	21280	(000000–	)	Cover, A/C	1
	3	21272	(000000–	)	Louver, Recirc	1
	4	79688	(000000–	)	Bracket, Blower Mount	1
	5	55042	(000000–	)	Blower	1
	6	77827	(000000–	)	Louver	2
	7	79690	(000000–	)	Switch Brkt Heat De	1
	8	77834	(000000–	)	Face Plate Heat De	1
	9	77828	(000000–	)	Knob, Fan	1
	10	77830	(000000–	)	Switch, Blower	1
	11	77839	(000000–	)	Core, Heating/Cooling	1
	12	77849	(000000–	)	Drain Pan De	1
	13	77835	(000000–	)	Cable, Bowden	1
	14	79692	(000000–	)	Jamb Nut 7/16 Hex De	1
	15	77847	(000000–	)	Foam Case Insul De	1
	16	79694	(000000–	)	Valve Mountng Brkt De	1
	17	77841	(000000–	)	Water Valve	1
	18	77842	(000000–	)	Valve, Push Nut Water	1
	19	77872	(000000–	)	Hose Clamp De	8
	20	77846	(000000–	)	Hose Elbow 5/8 De	2
	21	32151	(000000–	)	Heater Hose 72In De	2
		77832	(000000–	)	Wire Harness	1

SECTION 5

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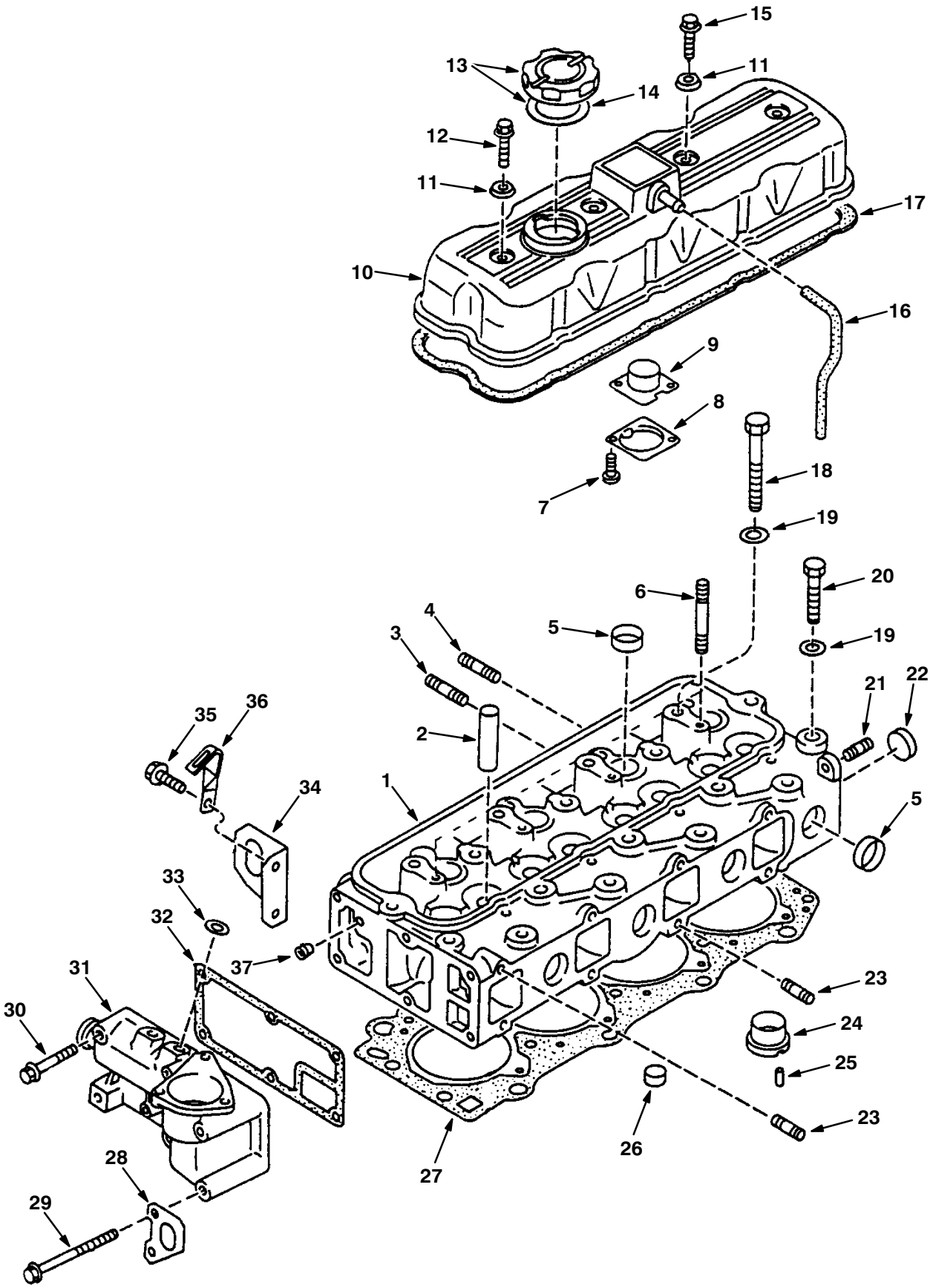
Fig. 1 – Cylinder Head and Cover Group

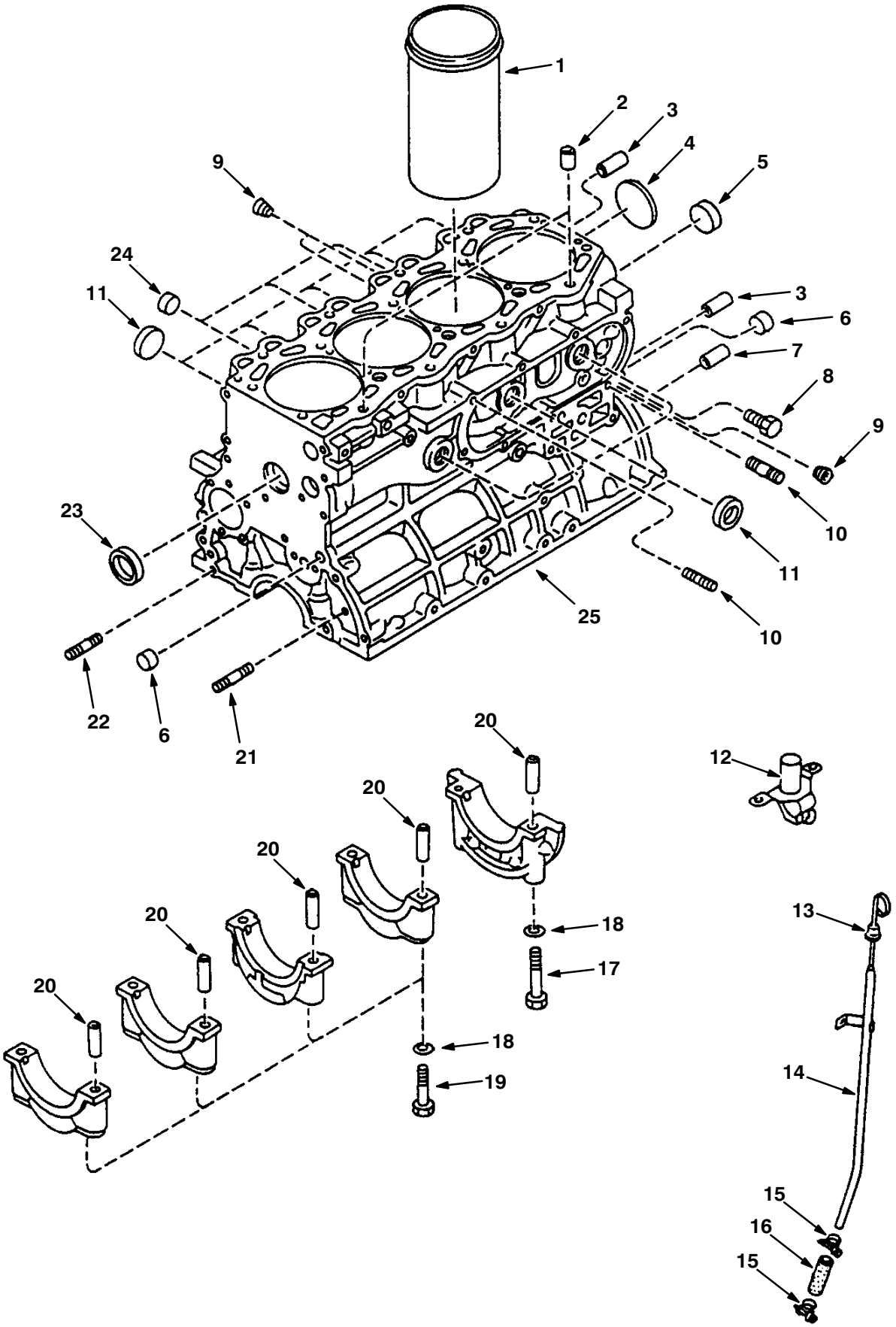


07690/07691

Fig. 1 – Cylinder Head and Cover Group

	Ref.	Tennant Part No.	Perkins Part Number	Description	Qty.
	1	74734	S501–10–100J	Head, Cylinder	1
	2	74857	TF01–10–281A	Guide, Valve	8
	3	74681	99789–0825A	Stud	1
	4	74682	99789–0845A	Stud	1
	5	74657	99306–3000	Plug	2
	6	74683	99789–0848	Stud	1
	7	74718	99868–0408	Bolt	1
	8	74810	SE08–10–229	Plate, Oil Baffle	1
	9	74809	SE08–10–227	Plate, Baffle	1
	10	74761	SE01–10–2208	Cover, Cylinder Head	1
	11	74601	1456–10–237	Washer, Sealing	4
	12	74687	99796–0816	Bolt	2
∇	13	74572	0453–10–250A	Cap, Oil Filler	1
	14	74570	0324–10–252	Gasket	1
	15	74691	99796–0840	Bolt	2
	16	74763	SE01–10–255	Hose, Breather	1
	17	74762	SE01–10–235A	Gasket, Head Cover	1
	18	74758	SE01–10–137	Bolt, Cylinder Head	7
	19	74759	SE01–10–138	Washer, Plain	18
	20	74757	SE01–10–136	Bolt, Cylinder Head	11
	21	74717	99859–1016F	Stud	1
	22	74659	99306–4950	Stud	1
	23	74711	99852–0818A	Stud	2
	24	74735	S501–10–111B	Insert	4
	25	74643	99222–0308	Pin	4
	26	74859	99306–2500	Plug	3
	27	74736	S501–10–271	Gasket, Cylinder Head	1
	28	74767	SE01–10–561	Hanger, Engine	1
	29	74704	99796–1095	Bolt	2
	30	74692	99796–0845	Bolt	4
	31	74816	SE70–10–150	Casing, Thermostat	1
	32	74854	SLM1–10–153	Plug, Thermostat Case	1
	33	74564	0110–18–515	O–Ring	1
	34	74768	SE01–10–562	Hanger, Engine, Front	1
	35	74699	99796–1020	Bolt	2
	36	74571	0370–39–025A	Clip	1
	37	74662	99503–1000J	Plug	1

Fig. 2 – Cylinder Block Group



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07692/07693

Fig. 2 – Cylinder Block Group

Ref.	Tennant Part No.	Perkins Part Number	Description	Qty.
1	74742	S501–23–051	Liner, Cylinder	4
2	74650	99234–1618	Dowel	2
3	74647	99233–1228	Dowel	2
4	74579	0636–10–303	Plug, Camshaft	1
5	74657	99306–3000	Plug	1
6	74567	0221–10–327	Plug, Blind	3
7	74644	99233–0616	Dowel	2
8	74573	0488–10–321	Plug	1
9	74662	99503–1000J	Plug	1
10	74714	99852–0840	Stud	2
11	74657	99306–3000	Plug	8
12	74846	SL70–10–33X	Pipe, Seal	1
13	74822	SEA1–10–450	Gage, Oil Level	1
14	74766	SE01–10–460B	Pipe, Oil Gage	1
15	74655	99283–1500	Clamp	2
16	74730	RF01–10–454	Holder, Oil Gage	1
17	74765	SE01–10–372	Bolt	2
18	74759	SE01–10–138	Washer, Plain	10
19	74764	SE01–10–352	Bolt, Bearing Cap	8
20	74566	0221–10–308	Pin, Tubular	10
21	74712	99852–0822	Stud	1
22	74715	99852–0868	Stud	1
23	74658	99306–4000	Plug	1
24	74859	99306–2500	Plug	3
25	74748	S5A1–02–200A	Shortblock	1
25	74746	S535–10–300B	Block, Cylinder	1

Fig. 3 – Oil Pan and Timing Cover Group

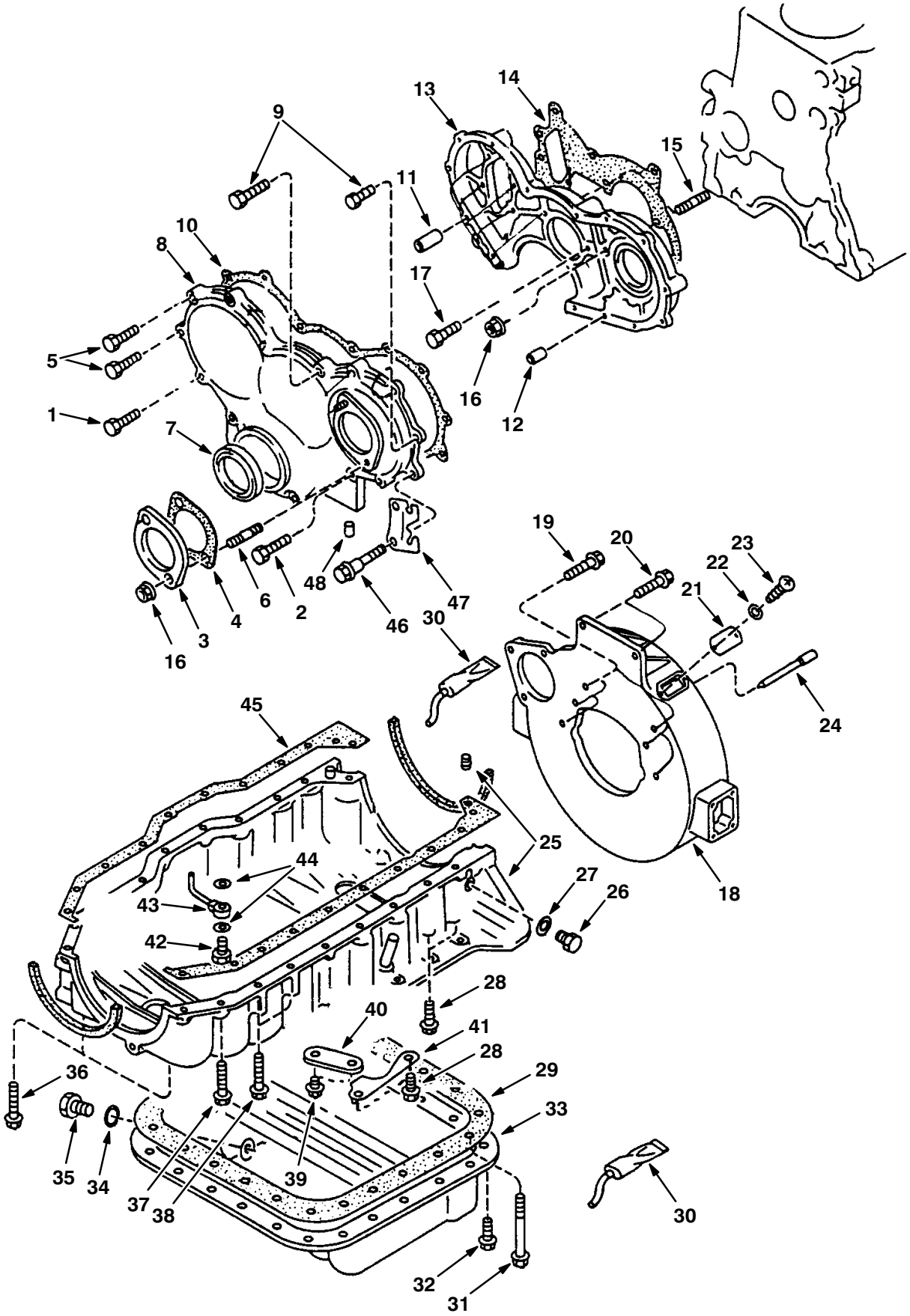

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Fig. 3 – Oil Pan and Timing Cover Group

	Ref.	Tennant Part No.	Perkins Part Number	Description	Qty.
	1	74695	99796–0865	Bolt	1
	2	74696	99796–0870	Bolt	2
	3	74580	0636–10–701A	Cover, Injection Pump	1
	4	74581	0636–10–711	Gasket, Gear Cover	1
	5	74705	99796–0830	Bolt	4
	6	74710	99852–0812G	Stud	2
	7	74831	SEM1–10–602	Seal, Oil	1
	8	74832	SEM1–10–650	Cover, Timing Gear	1
	9	74694	99796–0855	Bolt	5
	10	74815	SE11–10–653	Gasket, Timing Cover	1
	11	74648	99234–0855	Sleeve	1
	12	74649	99234–1212	Sleeve	1
	13	74818	SE70–10–600A	Case, Timing Gear	1
	14	74814	SE11–10–603	Gasket, Timing Case	1
	15	74713	99852–0825G	Stud	2
	16	74721	99940–0801	Nut	4
	17	74688	99796–0820	Bolt	6
	18	74612	4793–10–RROA	Housing, Flywheel	1
	19	74701	99796–1035	Bolt	6
	20	74700	99796–1028	Bolt	2
	21	74578	0613–16–111	Cover, Peep Hole	1
	22	74725	99971–0500	Washer	2
	23	74716	99853–0510	Bolt	2
	24	74622	4890–10–902A	Pin, Top Indicator	1
	25	74821	SEA1–10–380C	Block, Oil Pan Upper	1
	26	74666	99511–1200	Bolt	1
	27	74669	99564–1200	Washer	1
	28	74707	99800–08110	Bolt	4
	29	74808	SE01–23–099	Gasket, Oil Pan	1
	30	74625	8527–77–739	Tube, Silicone	2
	31	74708	99800–08120	Bolt	2
	32	74706	997967–0812	Bolt	20
∇	33	74608	4782–10–400A	Pan, Oil	1
	34	74670	99564–1400	Washer	1
	35	74727	HE03–10–404	Plug, Drain	1
	36	74709	99800–08130	Bolt	2
	37	74689	99796–0825	Bolt	11
	38	74693	99796–0850	Bolt	5
	39	74688	99796–0820	Bolt	2
	40	74853	SLA11425X	Bracket, Oil Strainer	1
	41	74820	SE70–14–268	Bracket, Oil Pipe	1
	42	74771	SE01–10–730	Valve, Oil Jet	4
	43	74769	SE01–10–710	Jet, Oil	4
	44	74770	SE01–10–715	Gasket, OiL Jet	8
	45	75739	8AW4–10–431	Gasket, Oil Pan	1
	46	74690	99796–0830	Bolt	2
	47	74793	SE01–13–786C	Bracket, Accel Cable	1
	48	74645	99233–0818	Pin	2

Fig. 4 – Piston, Crankshaft and Flywheel Group

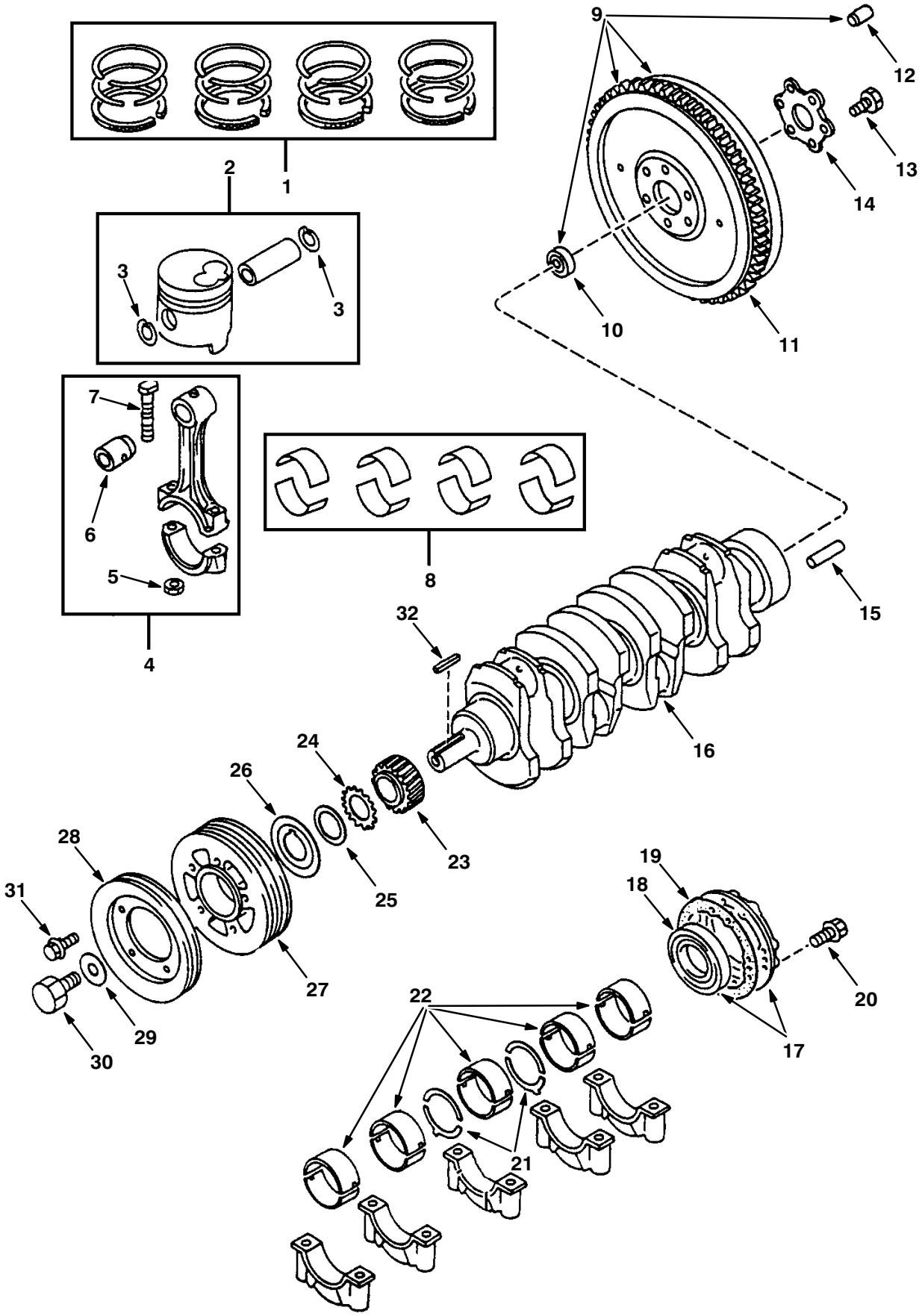

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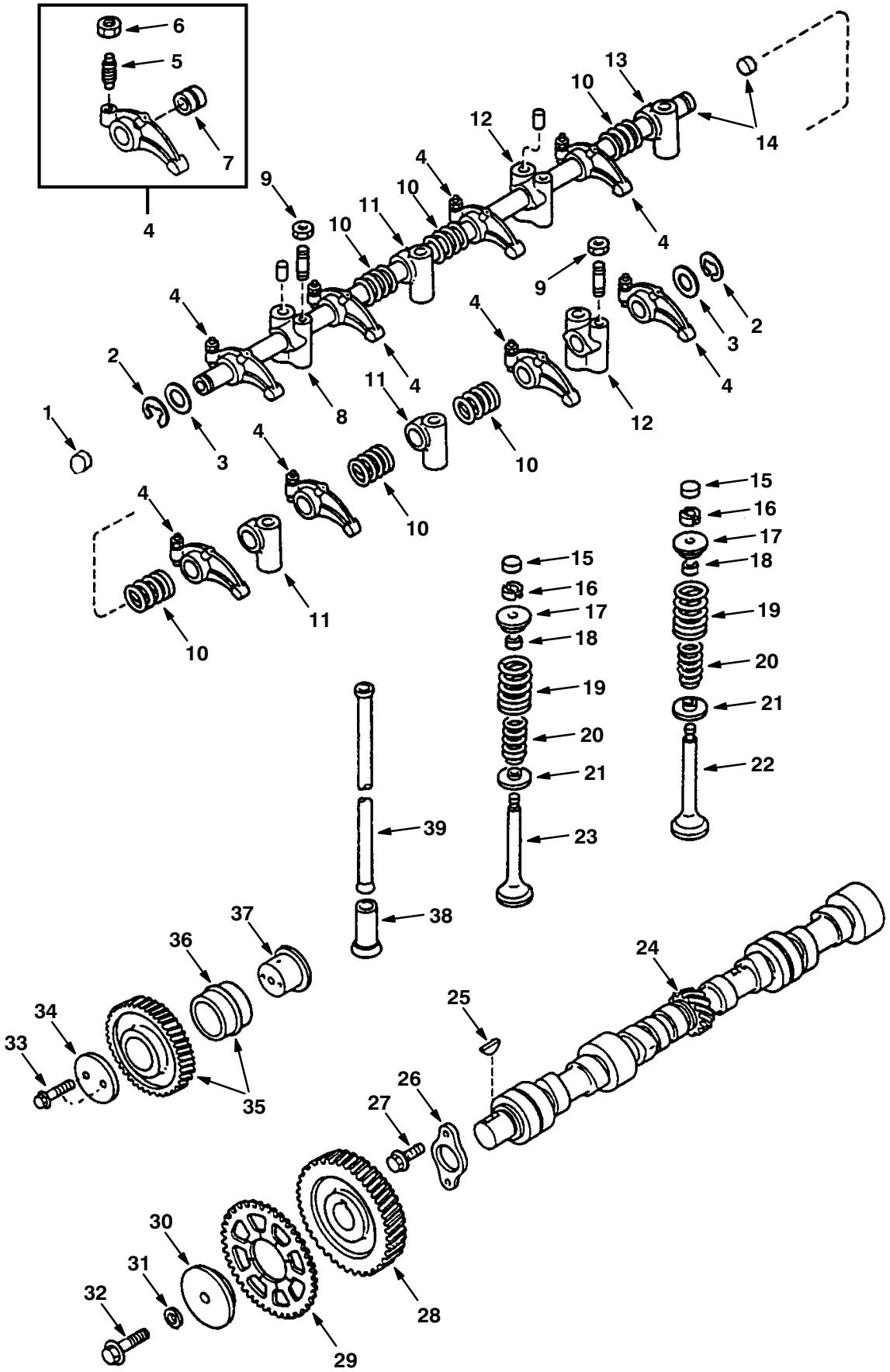
Fig. 4 – Piston, Crankshaft and Flywheel Group

	Ref.	Tennant Part No.	Perkins Part Number	Description	Qty.
	1	74598	0911–23–206	Ring Set, Piston	1
∇	2	74743	S501–23–200A	Piston Set	4
	3	74602	1456–11–202	Ring, Retaining	8
∇	4	74737	S501–11–210	Rod, Connecting	4
	5	74772	SE01–11–215	Nut, Connecting Rod	8
	6	74738	S501–11–213	Bushing, Connecting Rod	4
	7	74563	01–11–214	Bolt, Connecting Rod	8
	8	74574	0527–23–105	Metal Set, Connecting Rod	1
	8	74575	0527–23–106	Metal Set, Connecting Rod OS 0.254	1
	8	74576	0527–23–107	Metal Set, Connecting Rod OS 0.508	1
	8	74577	0527–23–108	Metal Set, Connecting Rod OS 0.762	1
∇	9	74614	4810–11–500B	Flywheel	1
	10	74675	99606–22020	Bearing, Flywheel	1
	11	74624	4892–11–502	Gear, Ring	1
	12	74621	4882–11–504	Pin, Knock	2
	13	74843	SL02–11–511G	Bolt, Lock, Flywheel	6
	14	74837	SL01–11–513	Washer	1
	15	74646	99233–0822	Pin	3
	16	74744	S515–11–301	Crankshaft	1
∇	17	74855	SLM1–11–310	Cover, Rear	1
	18	74833	SEM1–11–399	Seal, Oil	1
	19	74856	SLM1–11–318	Gasket, Rear Cover	1
	20	74690	99796–0830	Bolt	8
	21	74592	0636–23–115	Metal Set, Thrust	1
	21	74593	0636–23–116	Metal Set, Thrust OS	1
	22	74750	S5A1–23–110	Metal Set, Main Bearing	1
	22	74751	S5A1–23–111	Metal Set, Main Bearing OS 0.254	1
	22	74752	S5A1–23–112	Metal Set, Main Bearing OS 0.508	1
	22	74753	S5A1–23–113	Metal Set, Main Bearing OS 0.762	1
	23	74823	SEA1–11–32X	Gear, Crankshaft	1
	24	74733	S234–11–327	Gear, Friction	1
	25	74732	S234–11–323	Spring, Friction Gear	1
	26	74847	SL70–11–315	Plate, Baffle	1
	27	74824	SEA1–11–401A	Pulley, Crankshaft	1
	28	74775	SE01–11–402	Pulley	1
	29	74774	SE01–11–377A	Washer, Plain	1
	30	74773	SE01–11–376A	Bolt, Pulley	1
	31	74680	99784–0812	Bolt	5
	32	74651	99236–0545	Key, Woodruff	1

Fig. 5 – Valve Group

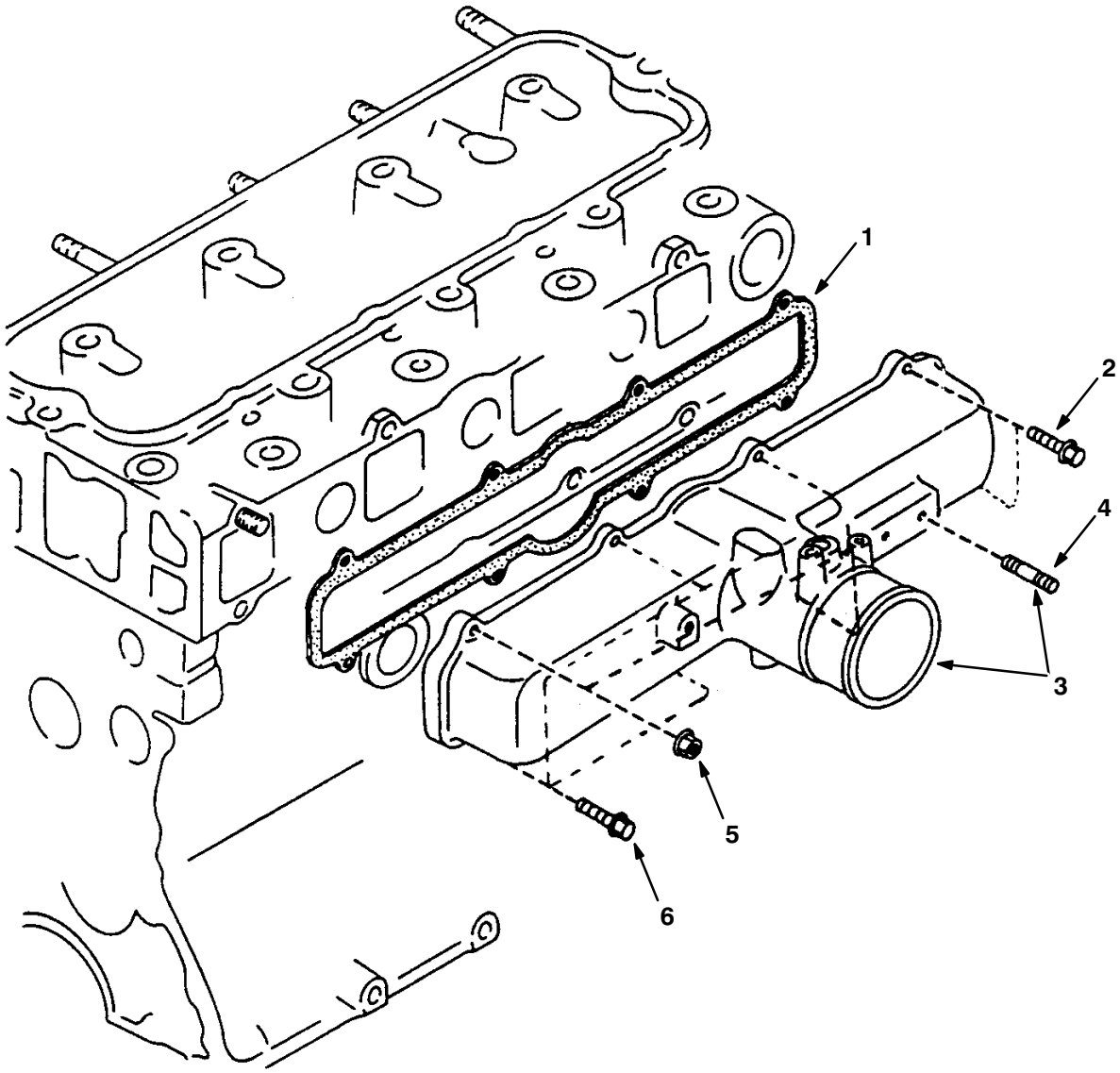


07698/07699

Fig. 5 – Valve Group

	Ref.	Tennant Part No.	Perkins Part Number	Description	Qty.
764524	1	~~74656~~	99306–1000	Plug, Rocker Arm	2
	2	74674	99576–1200	Ring, Retaining	2
	3	74584	0636–12–168A	Washer	2
∇	4	74780	SE01–12–130	Arm, Rocker	8
	5	74781	SE01–12–133	Screw, Tappet Adjusting	8
	6	74719	99922–0800	Nut	1
	7	74623	4891–12–132A	Bushing, Rocker Arm	8
	8	74784	SE01–12–171A	Bracket, Rocker	1
	9	74787	SE01–12–181	Nut	2
	10	74583	0636–12–166	Spring, Rocker Arm	6
	11	74783	SE01–12–164	Bracket, Rocker Arm	3
	12	74785	SE01–12–172	Bracket, Rocker Arm	2
	13	74786	SE01–12–173	Bracket, Rocker Arm	1
	14	74782	SE01–12–160	Shaft, Rocker Arm	1
	15	74779	SE01–12–118	Cap, Valve	8
	16	75731	TF01–12–114	Cotter, Valve	16
	17	74776	SE01–12–112	Seat, Valve Spring Upper	8
	18	74760	SE01–10–155A	Seal, Valve	4
	18	74817	SE70–10–155A	Seal, Valve	4
	19	74777	SE01–12–114	Spring, Exhaust Valve	8
	20	74582	0636–12–115	Spring, Valve Intake	8
	21	74778	SE01–12–116	Seat, Valve Spring Lower	8
	22	74739	S501–12–111	Valve, Intake	4
	23	74747	S535–12–121	Valve, Exhaust	4
	24	74819	SE70–12–421	Camshaft	1
	25	74587	0636–12–412	Key, Woodruff	1
	26	74588	0636–12–422A	Plate, Thrust	1
	27	74687	99796–0816	Bolt	2
	28	74826	SEA1–12–411B	Gear, Cam	1
	29	74604	1456–12–418	Gear, Friction	1
	30	74603	1456–12–414A	Washer, Lock	1
	31	74724	99958–1220	Washer	1
	32	74679	99781–1235	Bolt	1
	33	74693	99796–0850	Bolt	2
	34	74586	0636–12–404	Plate, Thrust	1
∇	35	74825	SEA1–12–400B	Gear, Idle	1
	36	74585	0636–12–401A	Bushing, Idle Gear	1
	37	74848	SL70–12–403	Spindle, Idle Gear	1
	38	74589	0636–12–431A	Tappet	8
	39	74788	SE01–12–310	Rod, Push	8

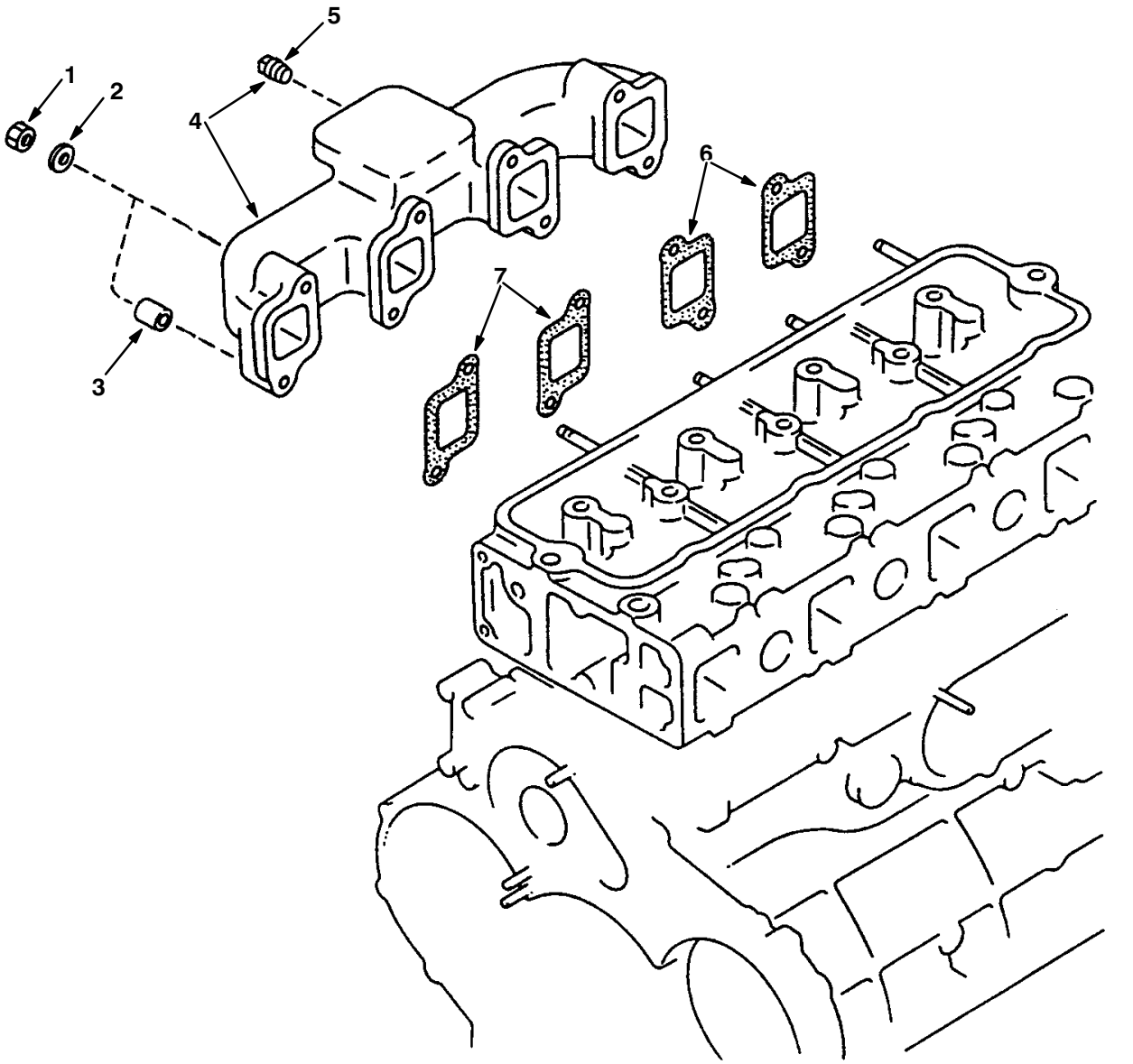
Fig. 6 – Inlet Manifold Group



07700/07701

	Ref.	Tennant Part No.	Perkins Part Number	Description	Qty.
	1	74834	SEM1–13–111	Gasket, Intake Manifold	1
	2	74689	99796–0825	Bolt	2
∇	3	74611	4783–13–100	Manifold, Intake	1
	4	74838	SL01–13–104	Stud	2
	5	74721	99940–0801	Nut	2
	6	74688	99796–0820	Bolt	4

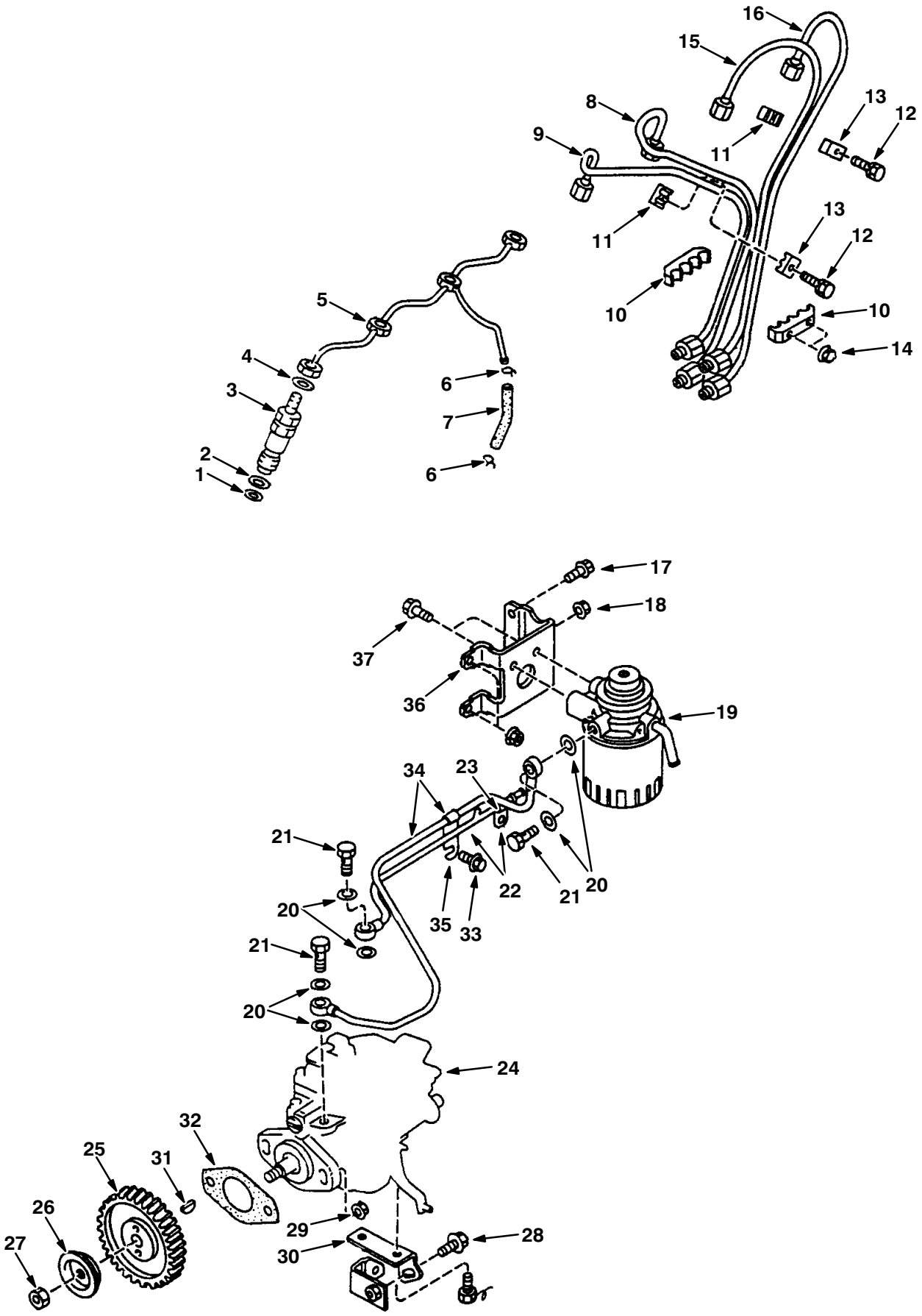
Fig. 7 – Exhaust Manifold Group



07702/07703

	Ref.	Tennant Part No.	Perkins Part Number	Description	Qty.
	1	74569	0305–13–461	Nut	8
	2	74594	0710–11–513	Washer, Plain	8
	3	74565	0191–18–363	Sleeve	1
∇	4	74613	479313450A	Manifold, Exhaust	1
	5	74661	99502–1000	Plug	1
	6	74840	SL01–13–462A	Gasket, Exhaust Manifold	2
	7	74839	SL01–13–461A	Gasket, Exhaust Manifold	2

Fig. 8 – Fuel Supply Group

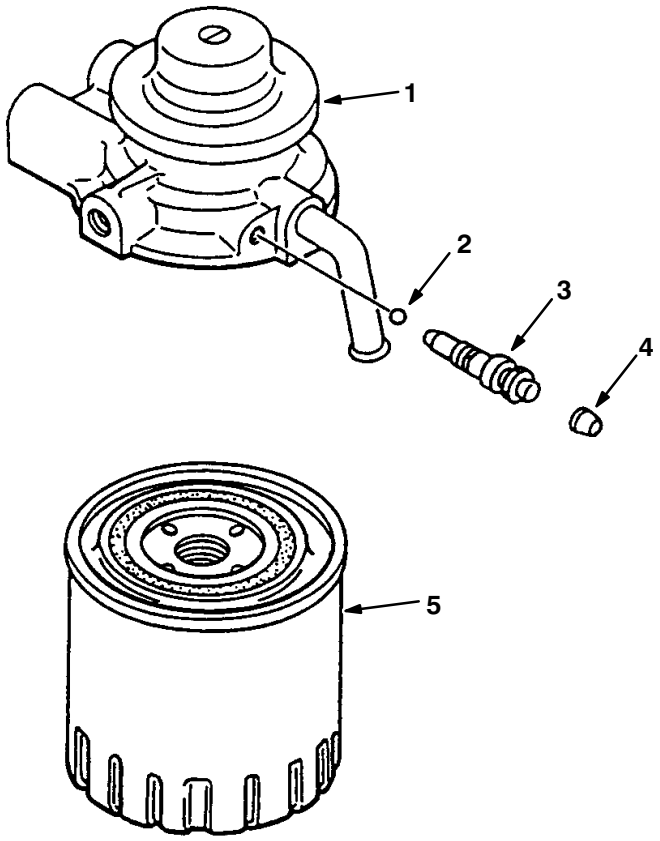


07706/07707

Fig. 8 – Fuel Supply Group

	Ref.	Tennant Part No.	Perkins Part Number	Description	Qty.
	1	74599	1304–13–654	Gasket	4
	2	74590	0636–13–651	Washer, Nozzle	4
	3	74740	S501–13–640A	Holder, Nozzle	4
	4	74605	1456–13–671	Gasket, Leak Pipe	4
	5	74811	SE08–13–670	Pipe, Fuel Leak	1
	6	74654	99283–0900	Clamp	1
	7	74851	SLA1–13–431	Hose, Fuel Return	1
	8	74790	SE01–13–720	Pipe, Fuel Injection	1
	9	74789	SE01–13–710	Pipe, Fuel Injection No.1	1
	10	74728	PN11–13–G45	Clip, Pipe	2
	11	74842	SL01–13–780	Clip, Injection Pipe	2
	12	74641	90797–2525	Bolt	2
	13	74841	SL01–13–770	Clip, Pipe	2
	14	74720	99940–0500	Nut	2
	15	74791	SE01–13–730	Pipe, Fuel Injection No.3	1
	16	74792	SE01–13–740	Pipe, Fuel Injection	1
	17	74698	99796–1016	Bolt	1
	18	74722	99940–1000	Nut	1
	19	74827	SEA1–13–480	Filter, Fuel	1
	20	74669	99564–1200	Washer	6
	21	74660	99381–10800	Fitting, Banjo	3
∇	22	74597	0750–13–984	Pipe, Fuel Pump Feed	1
	23	74812	SE08–13–680	Clip	1
▽	24	74754	S5SN–13–800A	Pump, Injection	1
	25	74828	SEA1–13–J12B	Gear, Injection Pump	1
	26	74797	SE01–13–822	Washer	1
	27	74794	SE01–13–801	Nut	1
	28	74640	90796–0816	Bolt	1
	29	74721	99940–0801	Nut	2
	30	74796	SE01–13–810	Stay, Injection Pump	1
	31	74652	99239–0316	Key, Woodruff	1
	32	74795	SE01–13–805	Gasket, Injection Pump	1
	33	74678	99769–0620	Bolt	1
∇	34	74799	SE01–13–880A	Pipe, Fuel	1
	35	74595	0727–13–985	Clip	1
	36	74798	SE01–13–855A	Bracket, Fuel Filter	1
	37	74699	99796–1020	Bolt	2
△		388505	S5A113VF4	Solenoid, Fuel Lockoff	1

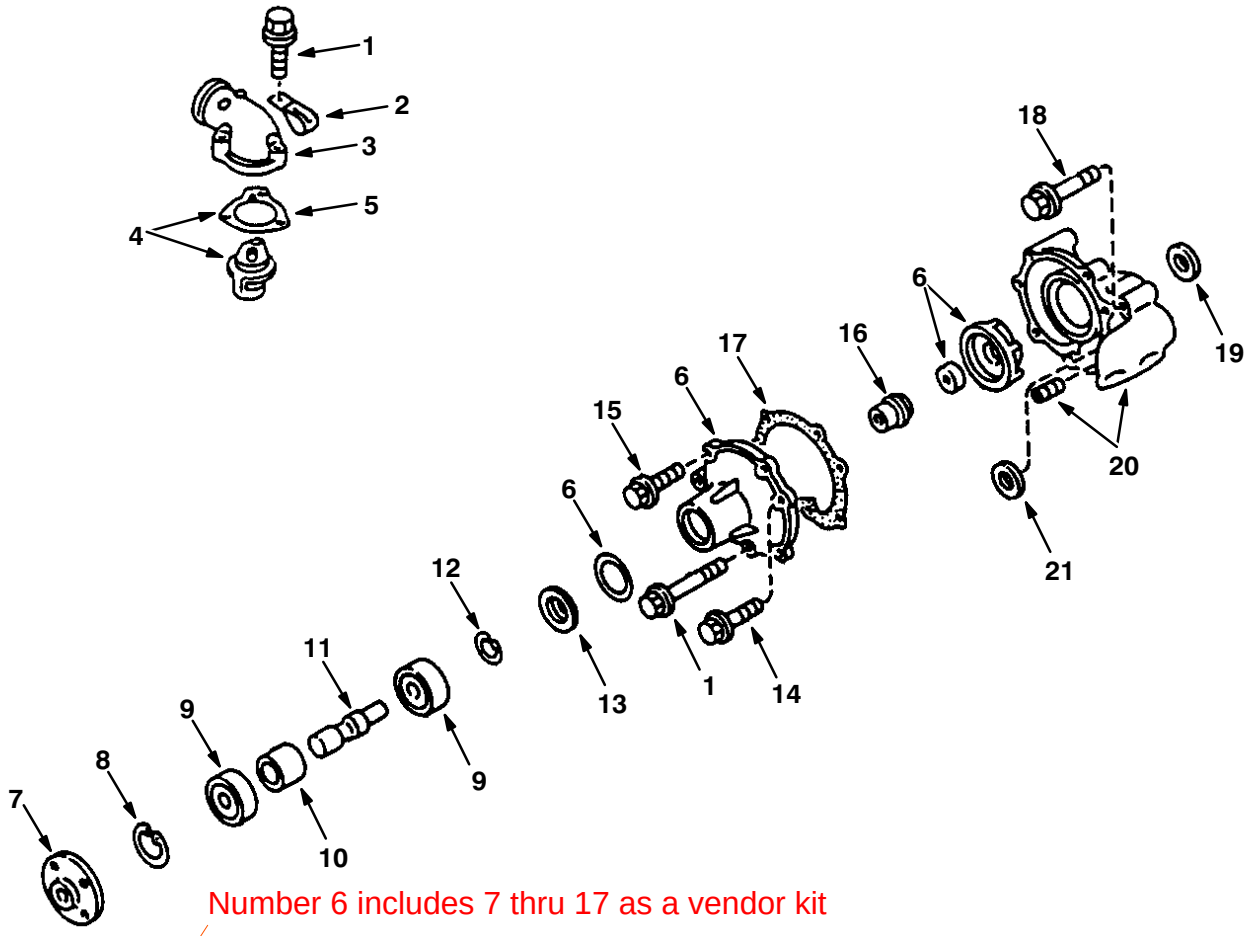
Fig. 9 – Fuel Filter Group



07704/07705

Ref.	Tennant Part No.	Perkins Part Number	Description	Qty.
1	74829	SEA1–13–ZAO	Cover	1
2	74677	99611–1500	Ball, Check	1
3	74607	259–33–691	Screw, Bleeder	1
4	74568	0259–33–693	Cap, Bleeder Screw	1
5	74858	TF01–13–ZA5	Filter, Fuel	1

Fig. 10 – Water Pump Group

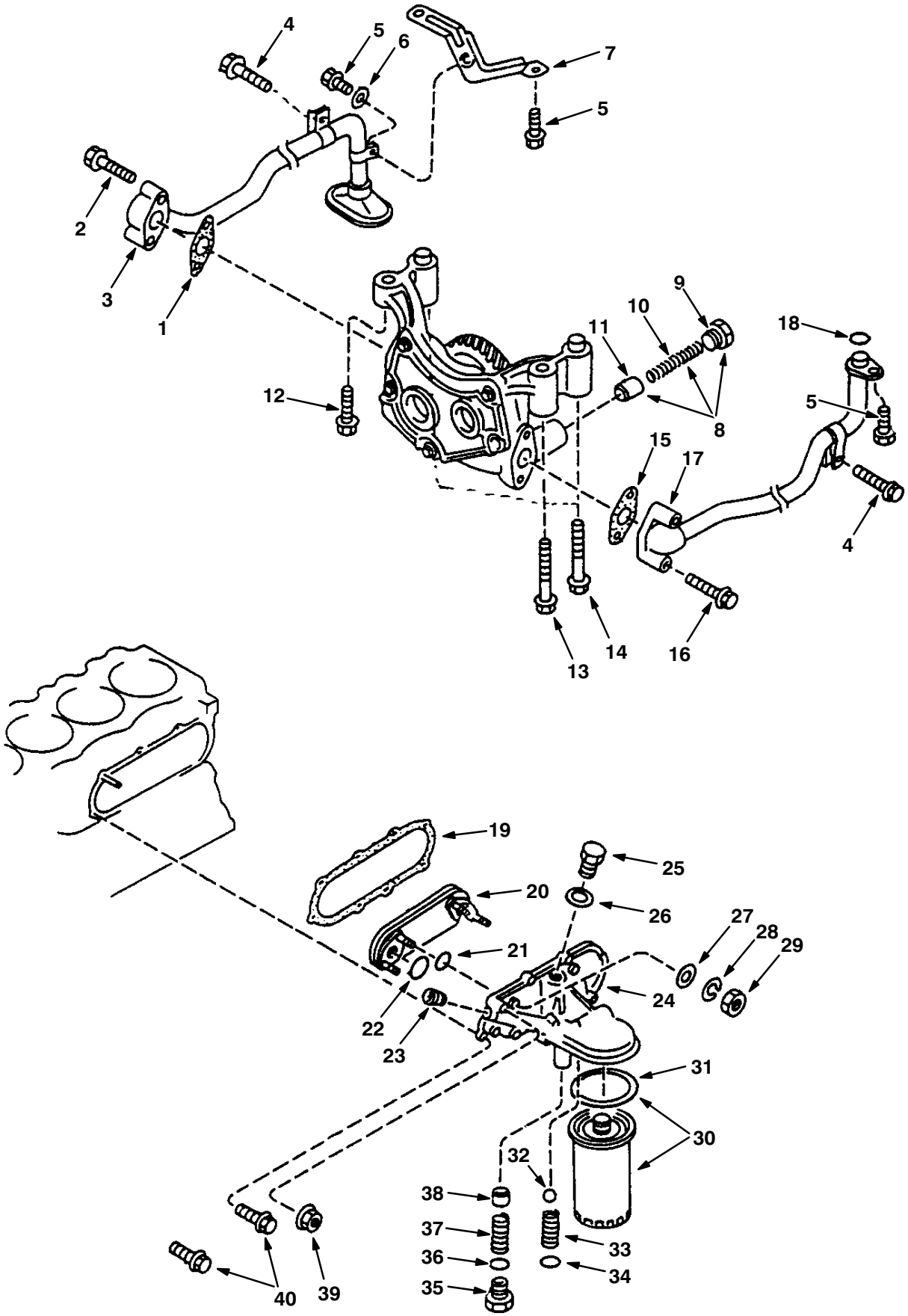


Number 6 includes 7 thru 17 as a vendor kit

07710/07711

	Ref.	Tennant Part No.	Perkins Part Number	Description	Qty.
	1	74705	99796–830	Bolt	4
	2	74653	99276–1808	Clamp	1
	3	74756	SAE01–15–172	Cover, Thermostat	1
∇	4	74813	SE08–99–152	Thermostat	1
	5	74626	8599–15–173	Gasket, Thermostat	1
∇	6	75729	8AW3–15–100B	Housing Assembly, Water Pump	1
	7	74806	SE01–15–117	Boss, Water Pump Pulley	1
	8	74673	99574–4700	Ring, Retaining	1
	9	74676	99606–92040	Bearing	2
	10	74596	0727–15–115	Spacer, Bearing	1
	11	74830	SEA1–15–112	Shaft, Water Pump	1
	12	74672	99573–2000	Ring, Retaining	1
	13	75741	0727–15–119	Plate, Dust Seal	1
	14	74689	99796–0825	Bolt	2
	15	74697	99796–0880	Bolt	4
	16	74726	FE1H–15–120	Seal, Water Pump	1
	17	74836	SEM1–15–116	Gasket, Water Pump	1
	18	74694	99796–0855	Bolt	1
	19	74803	SE01–15–081	Gasket	1
	20	74805	SE01–15–090	Body, Water Pump	1
	21	74804	SE01–15–082	Gasket	1

Fig. 11 – Oil Pump and Filter Group



07708/07709

Fig. 11 – Oil Pump and Filter Group

	Ref.	Tennant Part No.	Perkins Part Number	Description	Qty.
	1	74845	SL11–14–248	Gasket, Suction Pipe	1
	2	74685	99796–0630	Bolt	2
	3	74852	SLA114240L	Strainer, Oil	1
	4	74684	99796–0625	Bolt	5
	5	74688	99796–0820	Bolt	4
	6	74723	99951–0822	Washer	1
	7	74755	S5SN–14–25X	Bracket, Oil Strainer	1
∇	8	74849	SL70–14–100A	Pump, Oil	1
	9	74800	SE01–14–117A	Plug	1
	10	74801	SE01–14–152B	Spring, Oil Pressure	1
	11	74591	0636–14–151	Plunger, Control	1
	12	74701	99796–1035	Bolt	1
	13	74702	99796–1050	Bolt	1
	14	74703	99796–1060	Bolt	2
	15	74844	SL11–14–214	Gasket, Oil Pipe	1
	16	74685	99796–0630	Bolt	2
	17	74850	SL70–14–210	Pipe, Oil	1
	18	74667	99541–01605	O–Ring	1
	19	74835	SEM1–14–342	Gasket, Oil Filter	1
	20	74860	SE01–15–600	Cooler, Oil	1
	21	74861	SE01–23–807	O–Ring	4
	22	74862	SE01–23–808A	O–Ring	2
	23	74663	99503–3000	Plug	1
	24	74802	SE01–14–300D	Head, Oil Filter	1
	25	74664	99510–2400	Plug	1
	26	74671	99564–2400	O–Ring	1
	27	75710	SE01–23–806	Washer	4
	28	75709	SE01–23–805	Washer, Spring	4
	29	74865	SE01–23–804	Nut	4
	30	74863	TFYO–14–302	Filter, Oil	1
	31	74864	1304–23–803	O–Ring	1
	32	75725	SE01–23–819	Ball, Steel	1
	33	75723	SE01–23–822A	Spring	1
	34	75727	SE01–23–823	O–Ring	1
	35	75714	SE01–23–811	Plug	1
	36	75715	0727–23–812	O–Ring	1
	37	75724	SE01–23–813	Spring, Valve	1
	38	74591	0636–14–151	Plunger, Control	2
	39	74686	99796–0801	Nut	2
	40	74689	99796–0825	Bolt	8

Fig. 12 – Starter Group

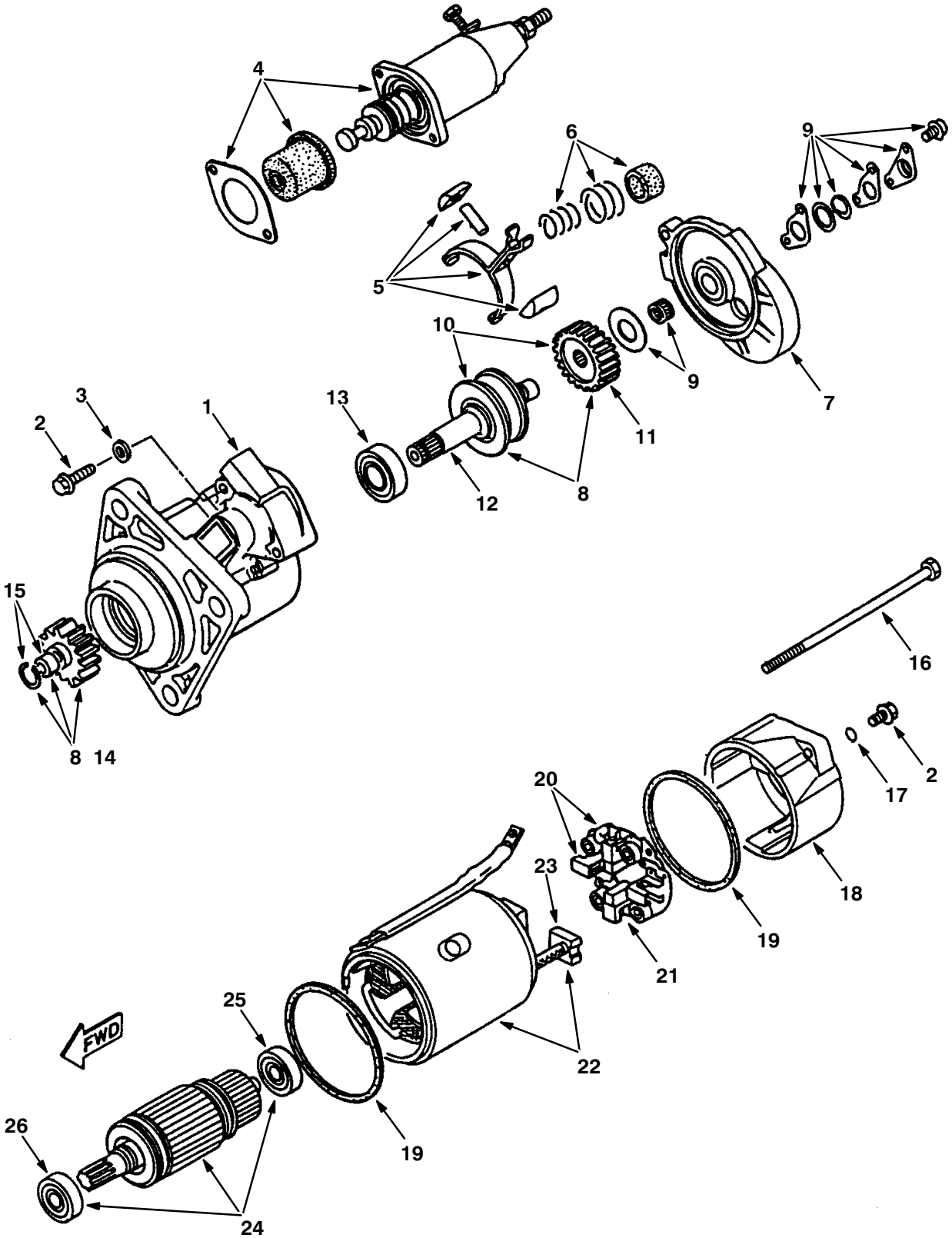


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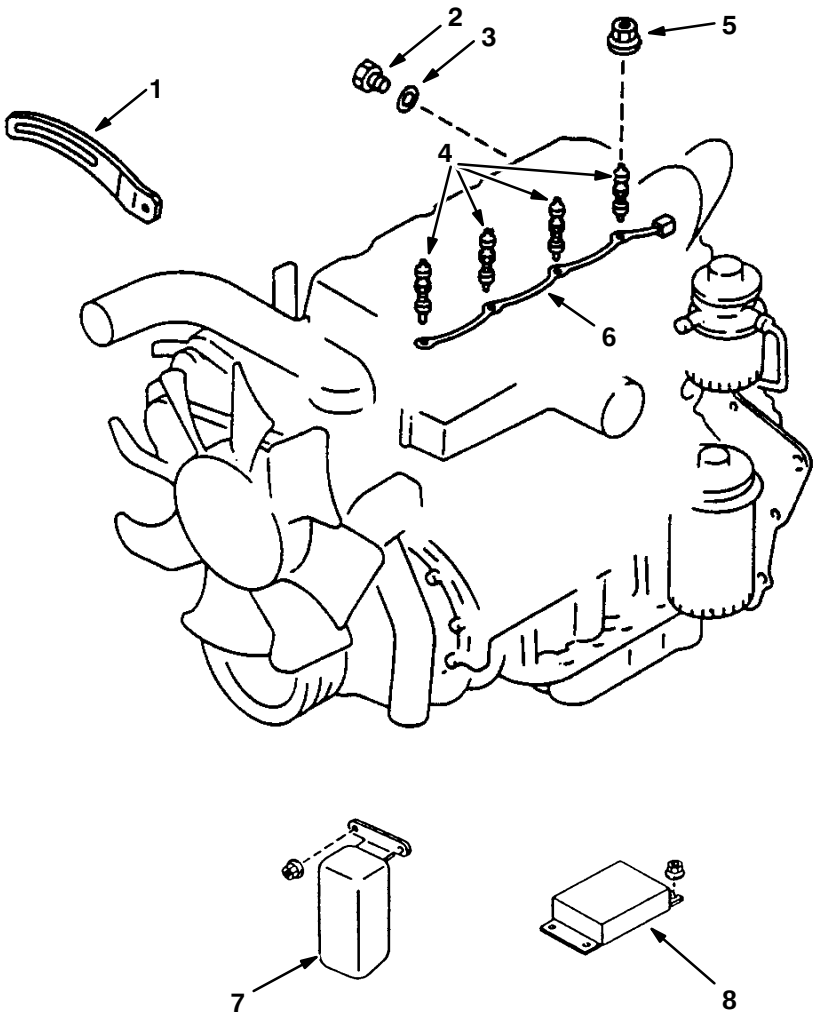
Fig. 12 – Starter Group

	Ref.	Tennant Part No.	Perkins Part Number	Description	Qty.
∇	1	74615	4840–18–400A	Starter	1
	2	74619	4840–24–728	Screw Set	1
	3	74639	8599–24–761	Gasket	2
	4	74609	4782–24–736	Switch	1
	5	74606	1456–24–731	Lever	1
	6	74610	4782–24–754	Spring Set	1
	7	74628	8599–24–721	Bracket, Center	1
	8	74616	4840–18–X20	Shaft, Clutch	1
	9	74633	8599–24–741	Cover Set	1
∇	10	74635	8599–24–744	Gear Set	1
	11	74636	8599–24–746	Gear	1
	12	74632	8599–24–740	Shaft	1
	13	74634	8599–24–743	Sleeve	1
∇	14	74617	4840–24–709	Pinion	1
	15	74627	8599–24–712	Stopper Set	1
	16	74631	8599–24–731	Bolt Set	1
	17	74600	1372–24–760	Ring, Rubber	2
	18	74618	4840–24–720	Bracket, Rear	1
	19	74630	8599–24–727	Gasket	2
∇	20	74637	8599–24–750	Holder, Brush	1
	21	74638	8599–24–752	Spring, Brush	4
∇	22	74620	4840–24–730	Yoke	1
	23	74745	S515–18–X66	Brush, Yoke	2
∇	24	74749	S5A1–18–X60	Armature	1
	25	74629	8599–24–722	Sleeve, Bearing–Rear	1
	26	74634	8599–24–743	Sleeve	1

Fig. 13 – Glow Plug Group



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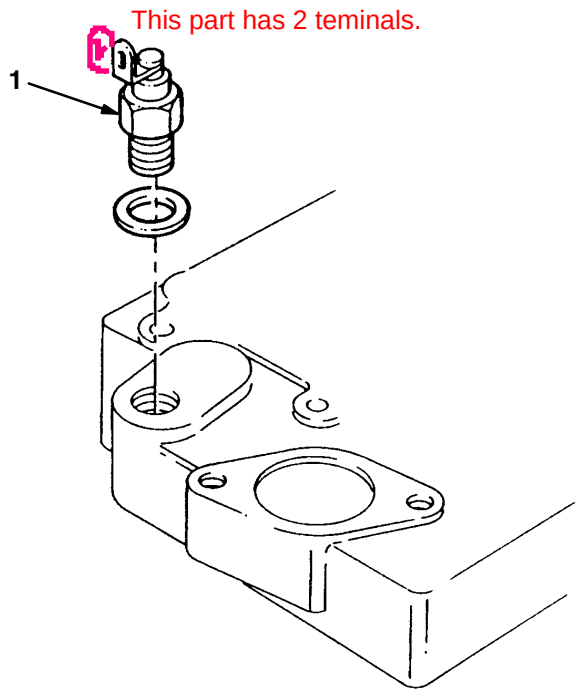
Ref.	Tennant Part No.	Perkins Part Number	Description	Qty.
1	74807	SE01–18–362	Strap, Alternator	1
2	74665	99511–1000	Plug	1
3	74668	99562–1000	Seal	1
4	74741	S501–18–140A	Plug, Glow	4
5	74729	R229–18–602	Nut, Flange	4
6	74731	RF11–18–154	Cord, Glow Plug	1
7	75804	R205–18–670	Relay, Glow Plug	1
8	75794	R201–18–701D	Control Unit	1

Fig. 14 – Temperature Gauge Group



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Ref.	Tennant Part No.	Perkins Part Number	Description	Qty.
1	75805	PN11–18–840	Sensor, Temperature	1

SECTION 6

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