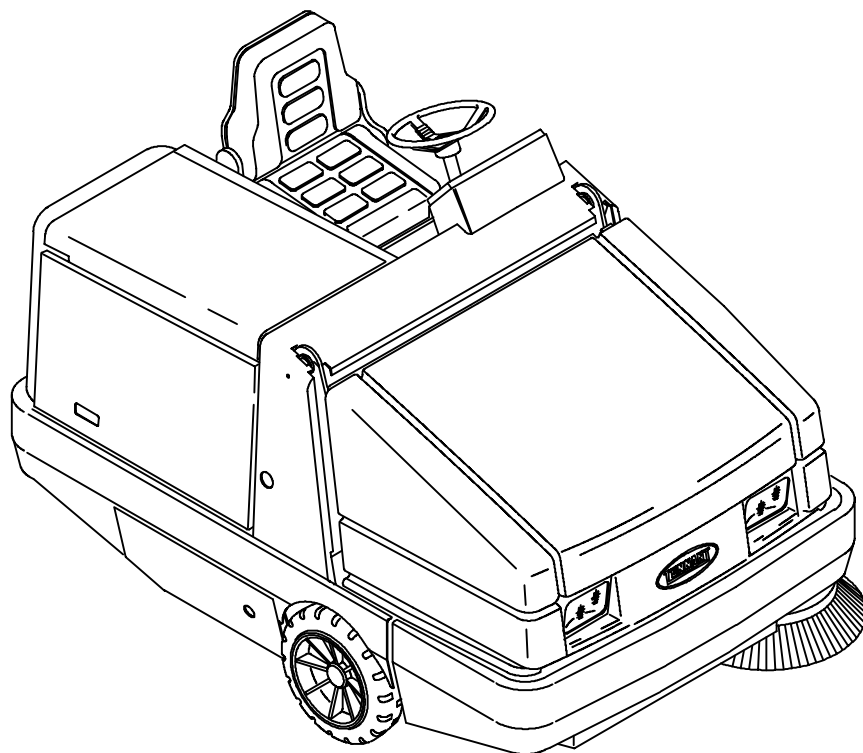




# 385DLH

Parts Manual



MM321



This manual is furnished with each new TENNANT Model 385DLH.

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 Number – 385DLH

Machine Serial Number – \_\_\_\_\_

Machine Options – \_\_\_\_\_

TENNANT Representative/phone no. – \_\_\_\_\_

Customer ID Number – \_\_\_\_\_

Date of Installation – \_\_\_\_\_

Manual Number – MM321

Revision: 06

Published: 3-97

## HOW TO USE THIS MANUAL

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

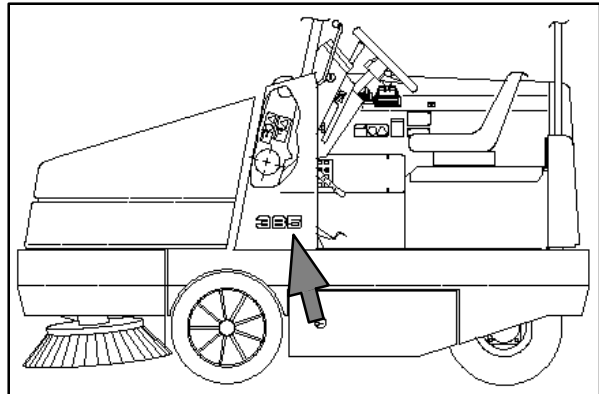
- Find important machine information for ordering correct repair parts.
- Find TENNANT part numbers.
- Order TENNANT parts and supplies.

### IMPORTANT INFORMATION

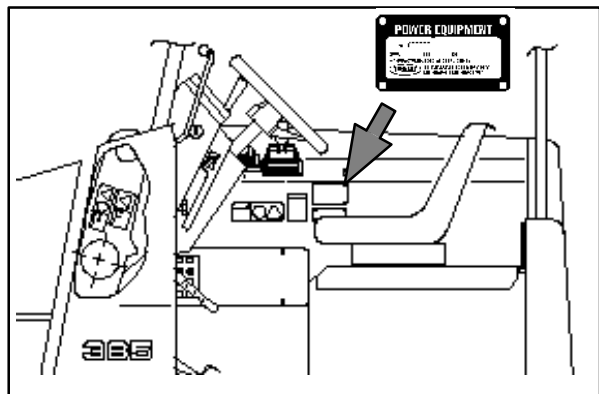
When placing an order for parts, the machine model and machine serial number are important. Refer to the *MACHINE DATA* box which is filled out during the installation of your machine. The *MACHINE DATA* box is located on the inside of the front cover of this manual.

MACHINE DATA	
<i>Please fill out at time of installation for future reference.</i>	
Machine Model Number -	385DLH
Machine Serial Number -	_____
Machine Options -	_____
TENNANT Representative phone no. -	_____
Customer ID Number -	_____
Date of Installation -	_____
Manual Number -	MM321
Revision:	01
Published:	6-93

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.



# HOW TO USE THIS MANUAL

## FINDING A TENNANT PART NUMBER

This manual contains the following sections:

- HOW TO USE THIS MANUAL
- STANDARD PARTS
- OPTIONS
- BREAKDOWNS
- 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.

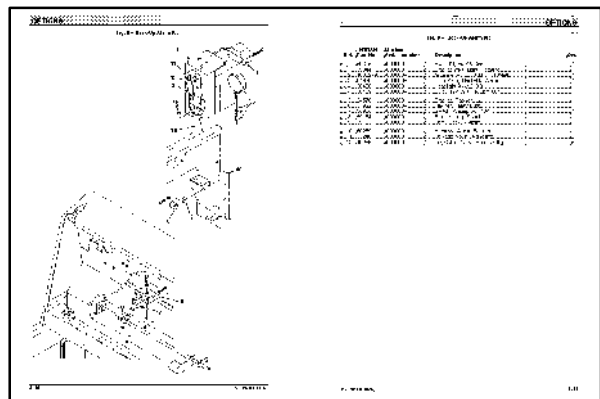
The BREAKDOWN section lists available repair parts of major components.

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:

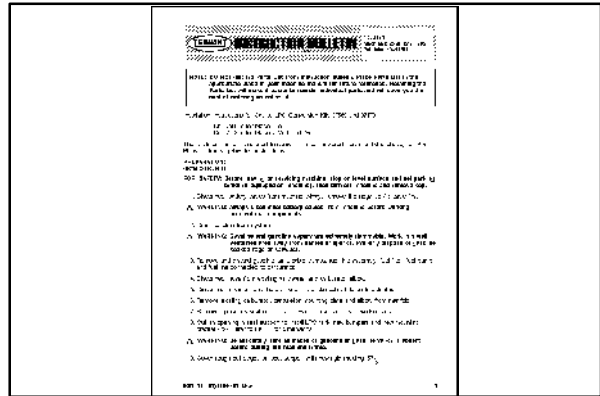
- **Ref** – column refers to the reference number on the parts illustration.  
 ▽ – indicates the part is an assembly.  
 ▲ – indicates the part is included in the assembly listed just before it.
- **TENNANT Part No.** – column lists the TENNANT part number for the part.
- **Serial Number** – column 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.
□	59396	(00300C-	Alarm Kit, B.J. Nr 566L	1
▲ 1	59944	(00300C-	Dracoe: Wldt, Ligh., Rotating	1
▲ 2	10032-9	(00300C-	Grommet, Rbr, 0.50kd, Co. - 1.0Mast	1
▲ 3	8-920	(00300C-	Turn Assy, Baku-Jg. Alarm	1
▲ 4	36438	(00300C-	Headlight Assk, 210G	1
▲ 4	36439	(UUUUUL-	Sub, 127 9A 15cp#10U4	1
▲ 5	24570-1	(00300C-	Dracoe, Flasher	1
▲ 6	0-922	(00300C-	Tasket, Leave Duty	1
▲ 7	35905	(00300C-	Switch, Waterproof, 10A	1
▲ 8	59154	(00300C-	Bracoe, Mtg, Switch	1
▲ 9	59163	(UUUUUL-	Cam, Backup Alarm	1
▲ 10	00209	(00300C-	Imness, Alarm, Dracuo	1
▲ 11	55240	(00300C-	Cabletie Mount, Adhesive	2
▲ 12	49266	(00300C-	Tie, Cable 1.75D Max 7.50_g	5

**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.



## 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.

## HOW TO USE THIS MANUAL

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

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

## SECTION 2

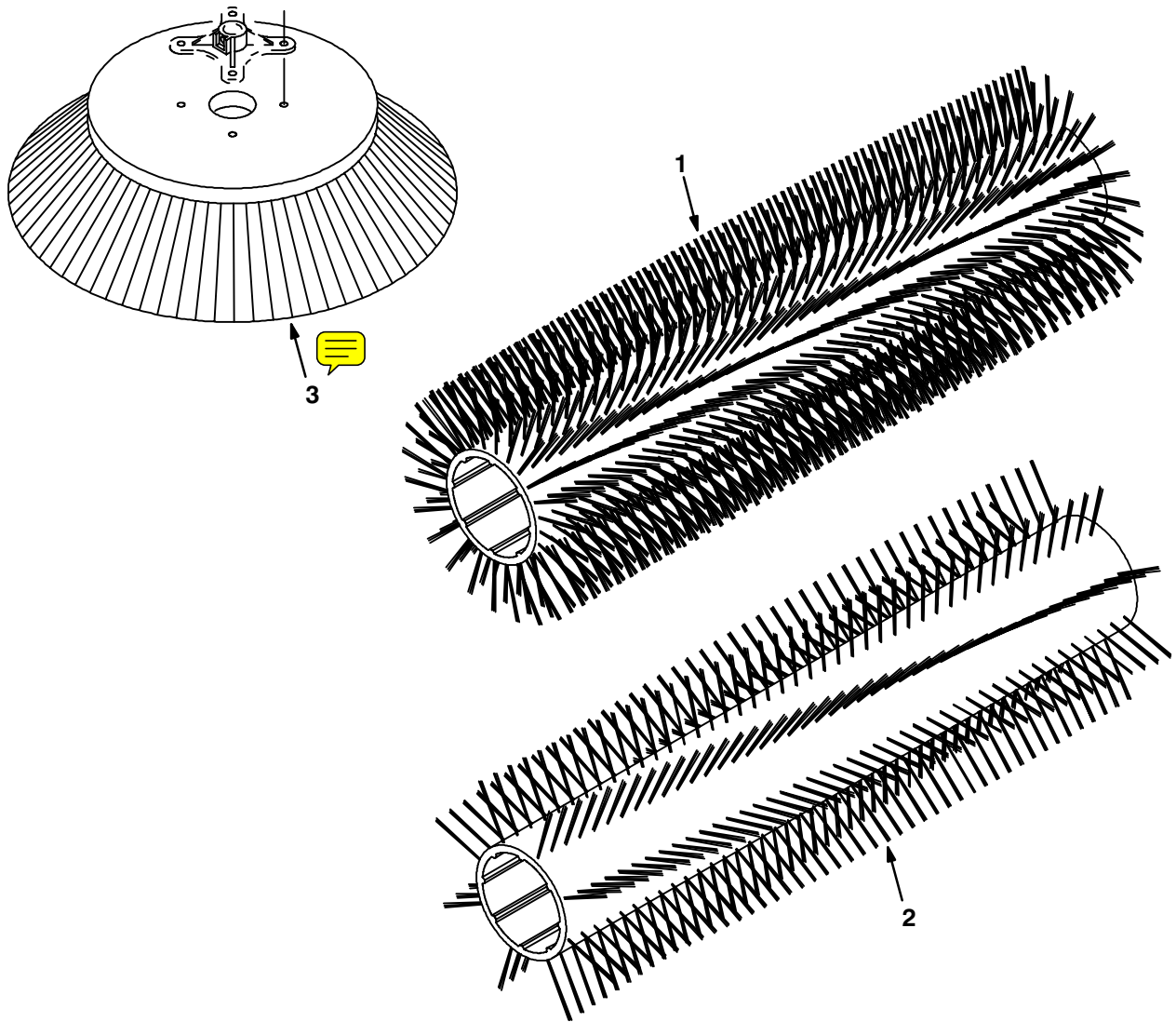
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**Fig. 1 – General Recommended Maintenance Items**

Ref.	Tennant Part No.	Machine Serial Number	Description	Qty.
▽	69943	(000000– )	Performance Pkg 400Hr Die 355L	1
▲	58120	(000000– )	Element, Air Filter	1
▲	55849	(000000– )	Filter, Oil	1
▲	36050	(000000– )	Filter, Fuel	1
▲	55844	(000000– )	Filter, Fuel, Element	1
▲	65869–1	(000000– )	Fluid, Hyd Oil, Shp 15/40 1Gal	6
▲	55740	(000000– )	Filter Element Ph	1
▽	72066	(000000– )	Maint,Kit, Shaker Filter, 355L	1
▲	79425	(000000– )	Seal, Bulb 140.0 Lg	1
▲	36663	(000000– )	Sleeve,1.12B 1.38D1.00 Rubber	2
▲	36665	(000000– )	Sleeve,1.12B 1.62D1.50 Rubber	2
▲	36661	(000000– )	Bar–Flt .06T 1.00W 4.00L,Rbr	2
▲	36658	(000000– )	Bar–Flt .06T 4.00W 5.00L,Rbr	1
▽	72067	(000000– )	Maint Kit, Skirts 355L	1
▲	59687	(000000– )	Seal, Door, Dump, Side	2
▲	59688	(000000– )	Strap, Door, Dump, Side	2
▲	09007	(000000– )	Scr Hexssm 6X1.0 25	8
▲	01684	(000000– )	Washer Flt .25 Ss	16
▲	08712	(000000– )	Nut–Hxlocnyln M 6X1.0 Reg Ss	8
▲	55864	(000000– )	Cord, Sponge	1
▲	59685	(000000– )	Seal, Door, Dump	1
▲	59686	(000000– )	Strap, Door, Dump	1
▲	09007	(000000– )	Scr Hexssm 6X1.0 25	6
▲	01684	(000000– )	Washer Flt .25 Ss	12
▲	08712	(000000– )	Nut–Hxlocnyln M 6X1.0 Reg Ss	6
▽	72068	(000000– )	Maint Kit, Seals 355L	1
▲	59680	(000000– )	Skirt, Lip	1
▲	59681	(000000– )	Skirt, Lip	1
▲	55890	(000000– )	Strap, Main Lip	1
▲	09010	(000000– )	Scr Hexssm 8X1.25 25	5
▲	01685	(000000– )	Washer Flt .31 Ss	5
▲	08713	(000000– )	Nut–Hxlocnyln M 8X1.25 Reg Ss	5
▲	54089	(000000– )	Skirt, Side, Sbdc, Lh	1
▲	54013	(000000– )	Plate, Retainer, Lh	1
▲	54014	(000000– )	Plate, Retainer, Front, Lh	1
▲	12459	(000000– )	Scr–Hxfmgm 6X1.0 20 Pltd	6
▲	01684	(000000– )	Washer Flt .25 Ss	6



Fig. 2 – Replacement Brushes



07929/07513

Ref.	Tennant Part No.	Machine Serial Number	Description	Qty.
1	54927	(000000–	) Brush–Sweep Spl–45Lg–24 Single Row–Fiber and Wire	1
1	54922	(000000–	) Brush–Sweep Spl–45Lg–24 Single Row–Nylon	1
2	54923	(000000–	) Brush–Sweep Spl–45Lg–8 Double Row–Nylon	1
2	54925	(000000–	) Brush–Sweep Spl–45Lg–8 Double Row–Poly and Wire	1
2	59440	(000000–	) Brush–Sweep Spl–45Lg–8 Double Row–Wire	1
2	66019	(000000–	) Brush–Sweep Spl–45Lg–8 Double Row–Poly	1
2	66018	(000000–	) Brush–Sweep Spl–45Lg–5 Double Row–Nylon	1
2	370008	(000000–	) Brush–Sweep Spl–45Lg–Wedg Poly	1
3	59431	(000000–	) Brush–Side Swp –23 Dia–Poly	1
3	59432	(000000–	) Brush–Side Swp –23 Dia–Flatwire	1
3	08013N	(000000–	) Brush–Side Swp –23 Dia–Nylon	1

Fig. 3 – Main Frame Group

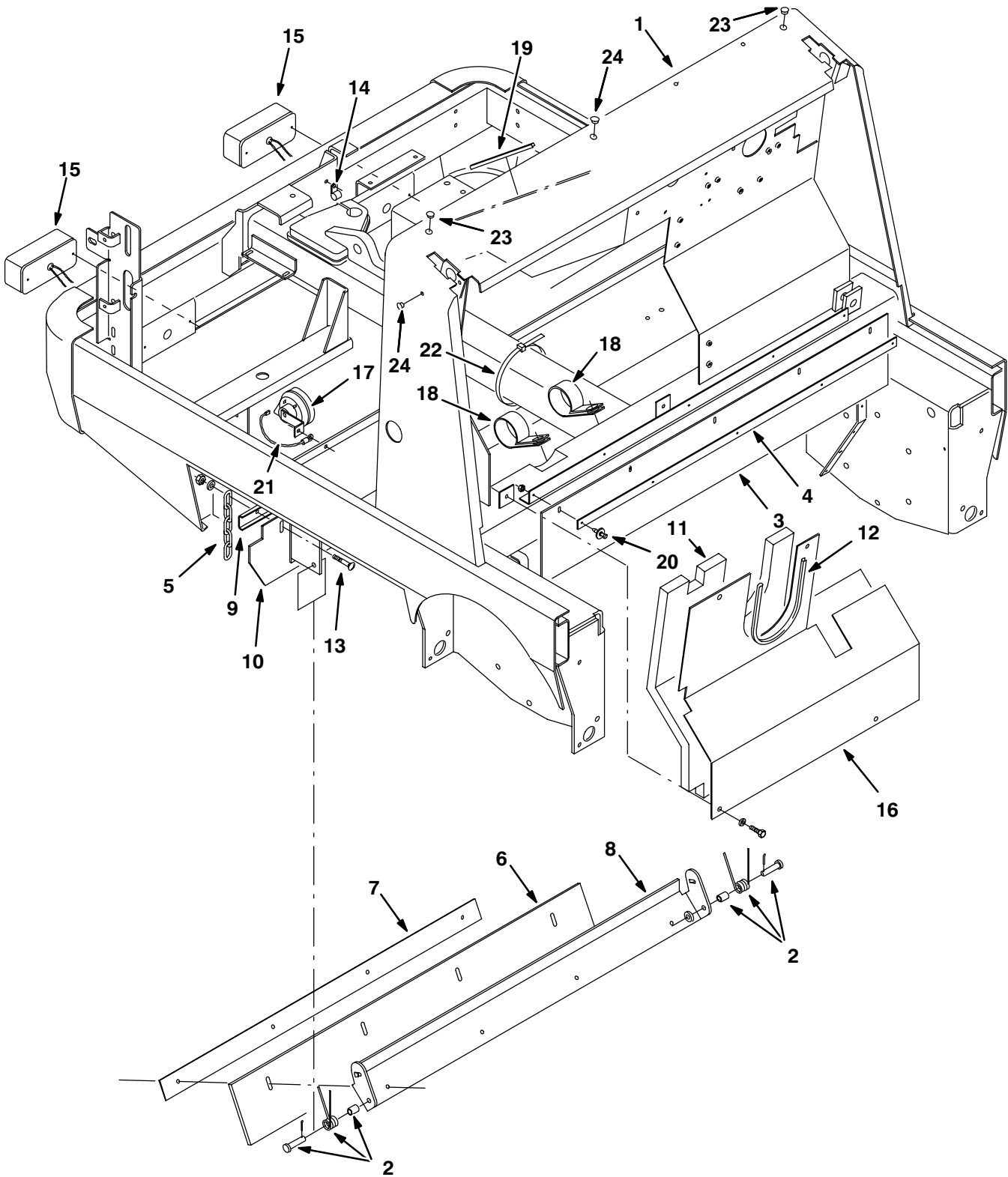


Fig. 3 – Main Frame Group

Ref.	Tennant Part No.	Machine Serial Number	Description	Qty.	
1	72392	(000000–	) Frame Wldt, Main 355L Lh Steer	1	
2	69904	(000000–	) Spring Assy, Recirculation	1	
3	56872	(000000–	) Skirt, Hopper, Top	1	
4	56890	(000000–	) Strap, Backing, Hopper	1	
5	09342	(000000–	) Chain, Link#2/0, 5Links Plain	1	
6	54190	(000000–	) Blade, Deflector	1	
6	374517	(000000–	) Skirt, Recirculation, Turf (Option)	1	
7	54184	(000000–	) Strip, Retainer, Seal	1	
8	54182	(000000–	) Bracket, Flap, Recirculation	1	
9	54192	(000000–	) Channel, Retainer, Seal, Rear	1	
10	54197	(000000–	) Skirt, Seal, M Br	1	
11	72335	(000000–	) Insulation, Acoustic, Firewall	1	
12	62595–21	(000000–	) Molding, Trim 11–14Ga 25.62	1	
13	69915	(000000–	) Bolt–Carrm 8X1.25 40 4.6 Pltd	4	
14	67767	(000000–	) Clamp–Cable, .69Dia. .62Wth	3	
▽	15	59949	(000000–	) Taillight Assy	2
▲		45780	(000000–	) Bulb, 12V .5A 4Cp#1157	1
	16	72376	(000000–	) Panel, Engine	1
	17	21642	(000000–	) Horn, 12V	1
	18	53468	(000000–	) Clamp, Hose	3
	19	57570	(000000–	) Molding, Trim 11–14Ga 10.75	1
	20	72968	(000000–	) Rivet, Plastic .250x.898	5
	21	70284	(000000–	) Wire Assy, Horn Ground, 16 Ga x 6	1
	22	222809	(000000–	) Cable, 9" Bundle Dia	3
	23	57167	(000000–	) Plugbtn .62H .03–.12 Blacknyl	2
	24	01314	(000000–	) Plugbtn .38H .03–.12 Blacknyl	3

Fig. 4 – Right Brush Door Group

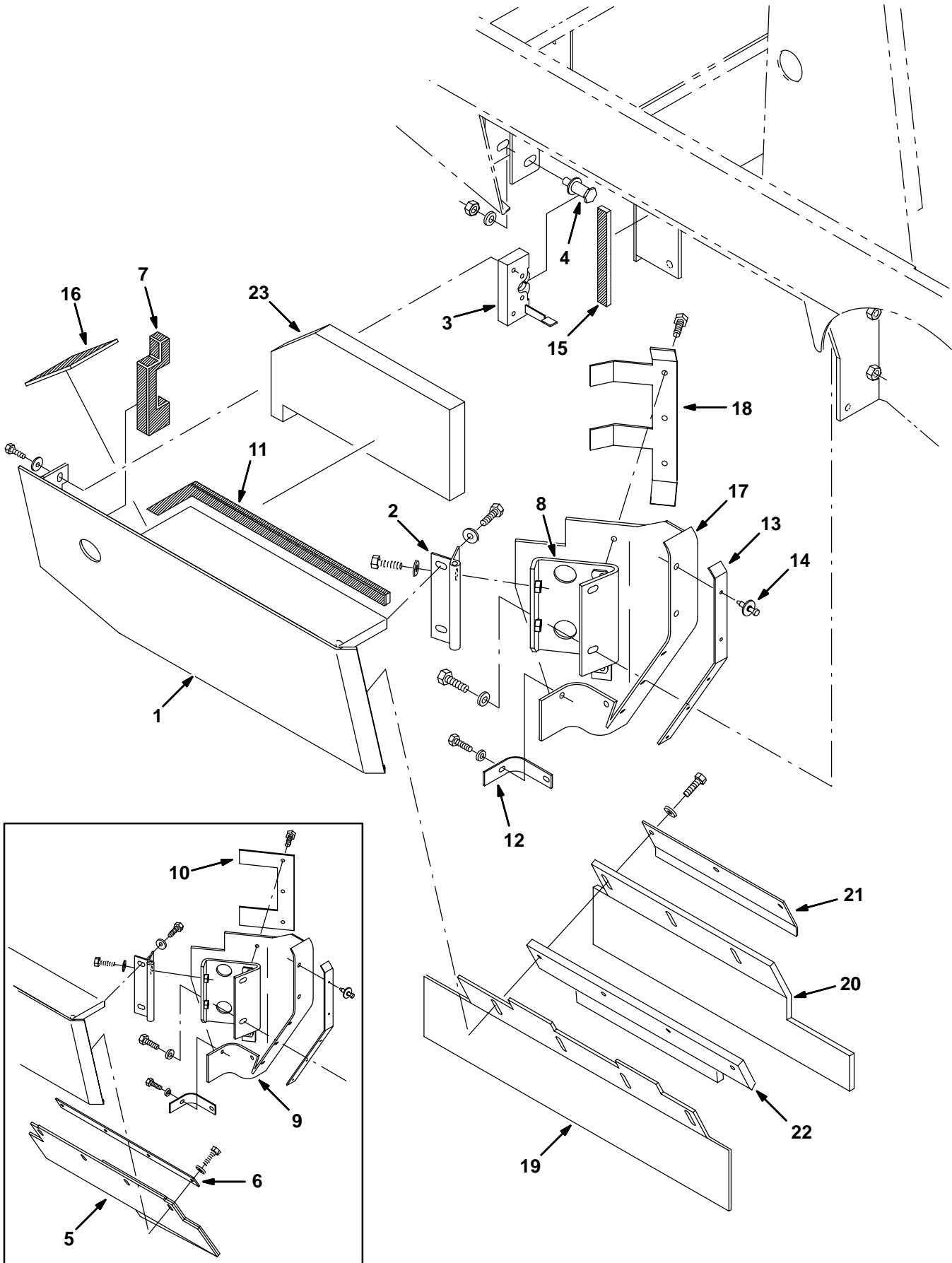


Fig. 4 – Right Brush Door Group

Ref.	Tennant Part No.	Machine Serial Number	Description	Qty.
1	59761	(000000– )	Door Wldt, Brush, Rh	1
2	72120	(000000– )	Hinge, Door, Brush	1
3	59195	(000000– )	Latch, Hook, Rh	1
4	59192	(000000– )	Latch, Bolt	1
5	70276	(000000–007345 )	Skirt Assy, Brush Door, Rh	1
6	55433	(000000–007345 )	Strip, Retainer, Skirt	1
7	59538	(000000– )	Seal, Door, Brush,	1
8	72118	(000000– )	Bracket, Mtg, Hinge, Rh	1
9	72069	(000000–007345 )	Skirt, Deflector	1
10	59692	(000000–007345 )	Strap, Deflector	1
11	69931	(000000– )	Seal, Foam Rbr	1
12	58770	(000000– )	Strip, Retainer	1
13	56914	(000000– )	Strap	1
14	72968	(000000– )	Rivet, Plastic .250x.898	5
15	13301	(000000– )	Seal, Rbr, .31 x .75 x 7.0	1
16	366658	(000000– )	Bar–Flt .06T 4.00W 5.00L Rbr	1
17	70230	(007346– )	Skirt, Deflection, Vac Kit	1
18	70227	(007346– )	Strap, Deflector, Rh	1
19	70222	(007346– )	Skirt, Brush Door, Outer	1
20	70223	(007346– )	Skirt, Brush Door, Inner	1
21	70224	(007346– )	Strip, Retainer	1
22	70225	(007346– )	Angle, Filler	1
23	70226	(007346– )	Seal, Foam, Door	1

Fig. 5 – Left Brush Door Group

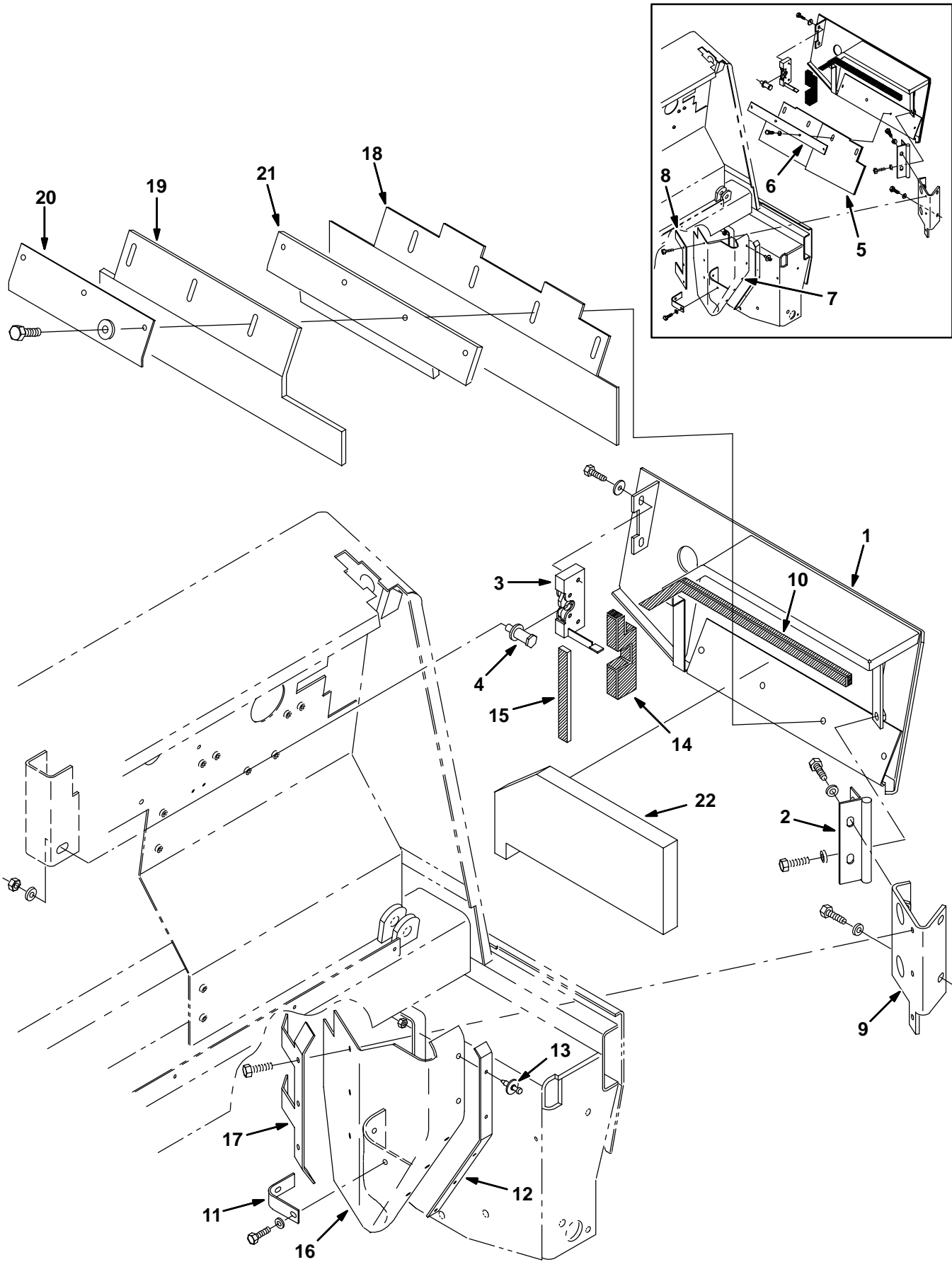


Fig. 5 – Left Brush Door Group

Ref.	Tenant Part No.	Machine Serial Number	Description	Qty.
1	59760	(000000– )	Door Wldt, Brush, Lh	1
2	72120	(000000– )	Hinge, Door, Brush	1
3	59194	(000000– )	Latch, Hook, Lh	1
4	59192	(000000– )	Latch, Bolt	1
5	70275	(000000–007345 )	Skirt Assy, Brush Door, Lh	1
6	55433	(000000–007345 )	Strip, Retainer, Skirt	1
7	72069	(000000–007345 )	Skirt, Deflector	1
8	59692	(000000–007345 )	Strap, Deflector	1
9	72119	(000000– )	Bracket, Mtg, Hinge, Lh	1
10	69931	(000000– )	Seal, Foam Rbr	1
11	58770	(000000– )	Strip, Retainer	1
12	56914	(000000– )	Strap	1
13	72968	(000000– )	Rivet, Plastic .250x.898	5
14	59537	(000000– )	Seal, Door, Brush,	1
15	13301	(000000– )	Seal, Rbr, .31 x .75 x 7.0	1
16	70230	(007346– )	Skirt, Deflection, Vac Kit	1
17	70228	(007346– )	Strap, Deflector, Lh	1
18	70222	(007346– )	Skirt, Brush Door, Outer	1
19	70223	(007346– )	Skirt, Brush Door, Inner	1
20	70224	(007346– )	Strip, Retainer	1
21	70225	(007346– )	Angle, Filler	1
22	70226	(007346– )	Seal, Foam, Door	1

Fig. 6 – Seat and Shroud Group

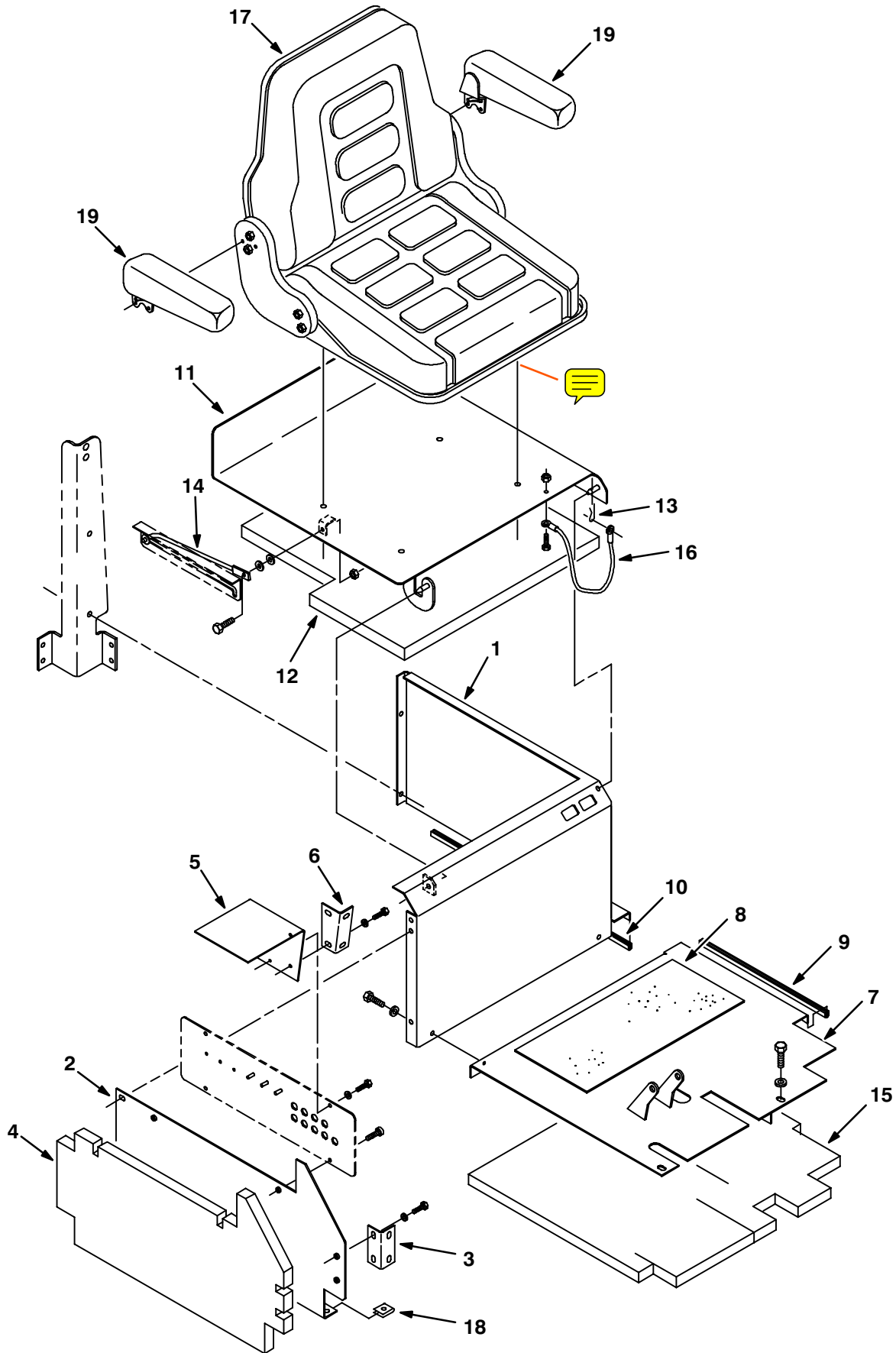




Fig. 6 – Seat and Shroud Group

Ref.	Tennant Part No.	Machine Serial Number	Description	Qty.
1	72346	(000000–	) Panel Wldt, Sppt, Seat	1
2	72348	(000000–	) Panel, Inside	1
3	59771	(000000–	) Bracket	1
4	72337	(000000–	) Insulation, Acoustic, Panel	1
5	72349	(000000–	) Panel, Filler, Upper	1
6	72350	(000000–	) Bracket, Inside	1
7	72351	(000000–	) Plate, Floor	1
8	16369	(000000–	) Tread, Floor	1
9	62595–22	(000000–	) Molding, Trim 11–14Ga 14.20	1
10	62595–23	(000000–	) Molding, Trim 11–14Ga 22.80	1
11	72353	(000000–	) Cover Wldt, Sppt, Seat	1
12	72343	(000000–	) Insulation, Acoustic, Seat	1
13	44906	(000000–	) Pin,Hair Cotter .688D .092Wire	1
14	54615	(000000–	) Rod Wldt, Seat	1
15	72336	(000000–	) Insulation, Acoustic, Plate	1
16	57702	(000000–	) Cable, Door, Access	1
17	53845	(000000–	) Seat, Grammer Gs–12	1
18	58595	(000000–	) Nut, U M 8X1.25 Pltd	1
19	34252	(000000–	) Armrest Assy,Lh& Rh	1

Fig. 7 – Left Grille Group

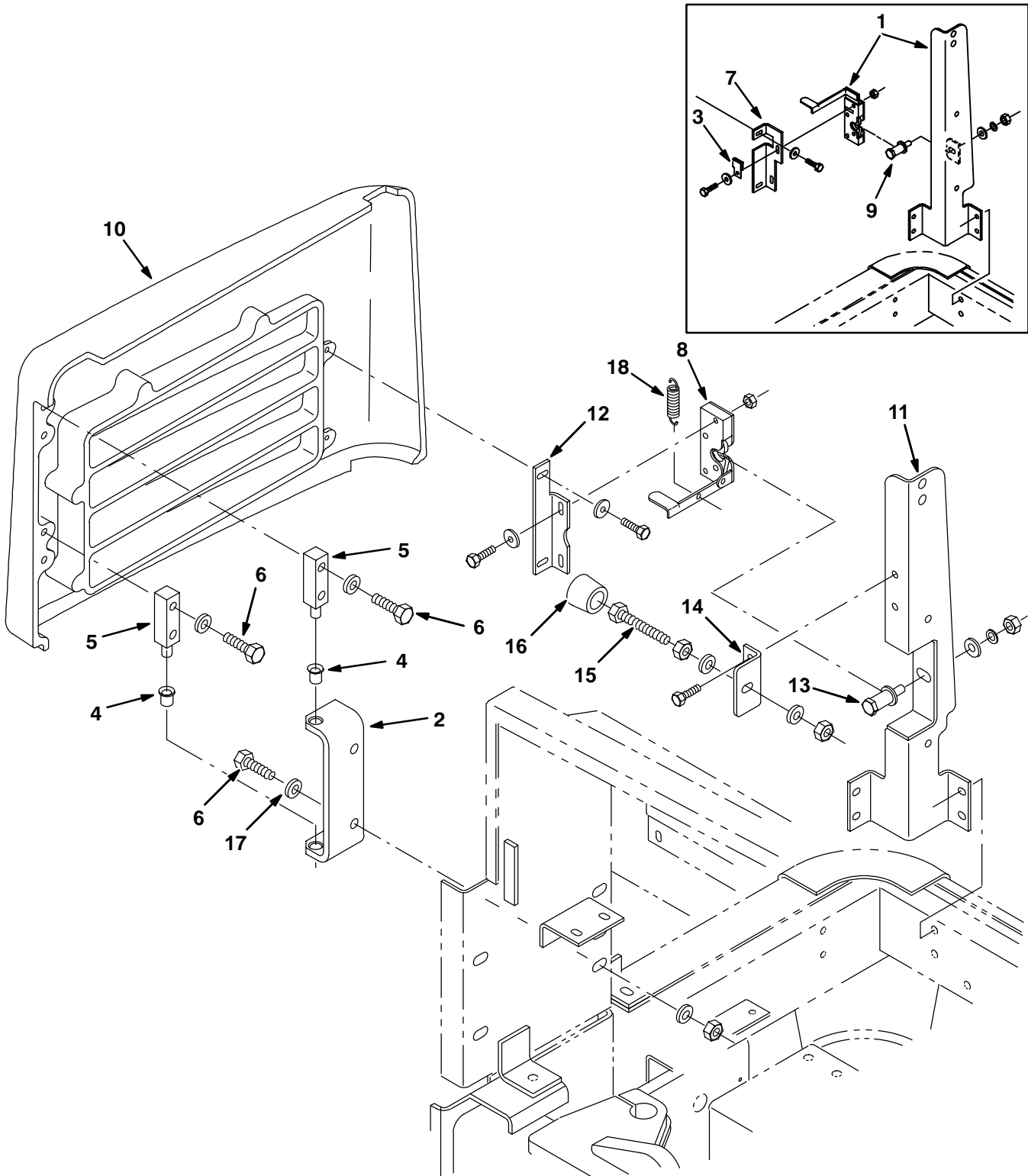


Fig. 7 –Left Grille Group

Ref.	Tennant Part No.	Machine Serial Number	Description	Qty.
1	74492	(000000–005717 )	Latch/Channel Repl Kit	1
2	72179	(000000– )	Bracket, Grille	1
3	69973	(000000–005717 )	Clip (Repl By None)	1
4	15648	(000000– )	Bearing, Flange 0.500Bore	2
5	72176	(000000– )	Pin, Pivot,Upper	2
6	69972	(000000– )	Src–Hex M12x1.75 40 10.9Pltd	6
7	72452	(000000–005717 )	Bracket, Mtg, Latch (Repl By 74457)	1
8	59695	(005718– )	Latch ,Hook,Lh	1
9	59703	(000000–005717 )	Bolt, Hook, Rh	1
10	70371	(000000– )	Grille, Left	1
11	70257	(005718– )	Channel Wldt, Corner Post	1
12	74457	(005718– )	Bracket, Mtg, Latch	1
13	59192	(005718– )	Latch, Bolt	1
14	70249	(006562– )	Bracket, Stop Bolt, Rear Grill	1
15	45214	(006562– )	Scr–Hex .38–16x2.50 Full Thd	1
16	01318	(006562– )	Tip, Rubber	1
17	36328	(000000– )	Washer–Belleville .50 Pltd	4
18	59870	(000000– )	Sprng, Tens, 0.50 Odx.05 Wire 2.5L	1

**Fig. 8 – Right Grille and Hydraulic Cooler Group**

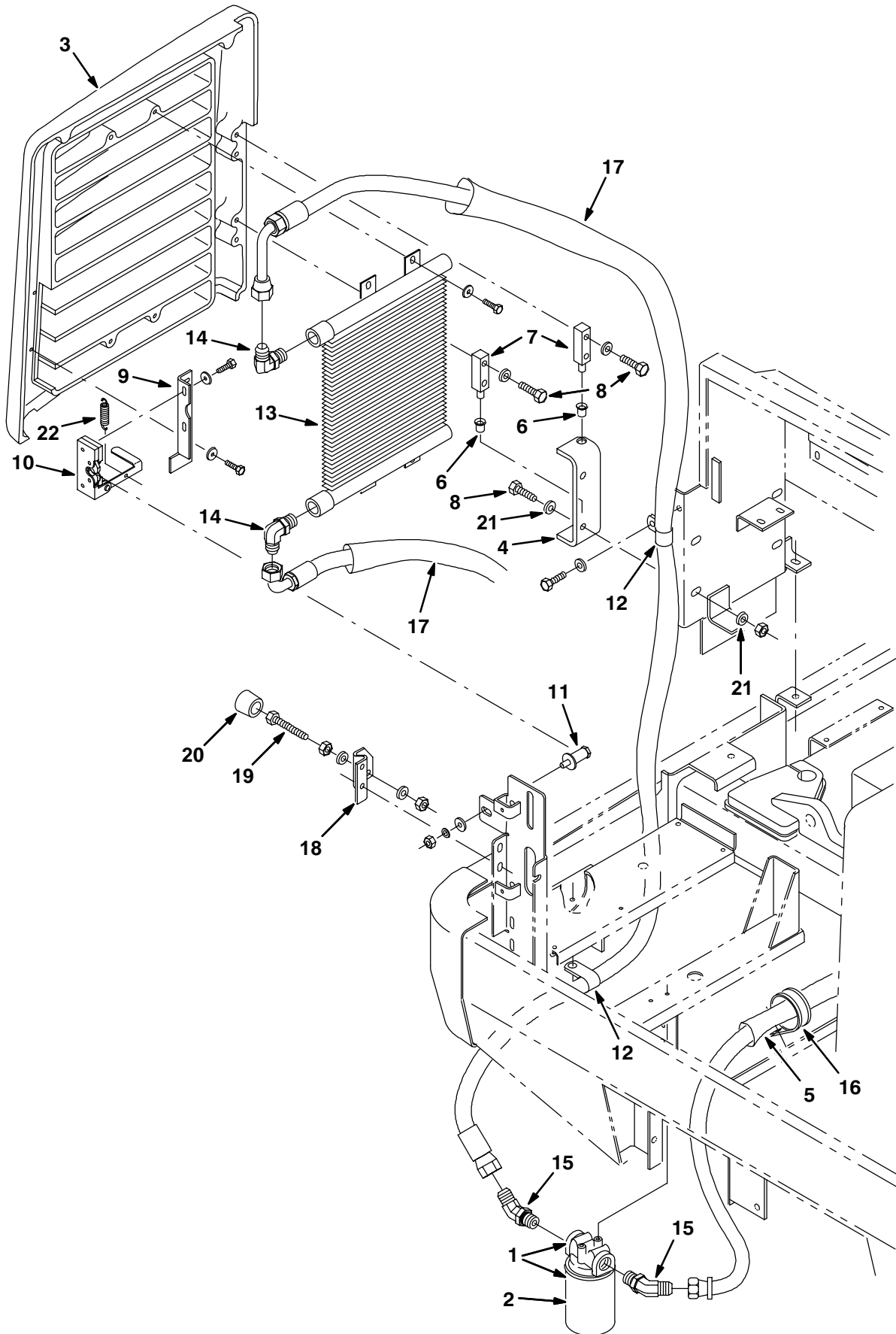


Fig. 8 – Right Grille and Hydraulic Cooler Group

	Ref.	Tennant Part No.	Machine Serial Number	Description	Qty.
▽	1	55619	(000000– )	Filter Assy, Spin-On 10Micron	1
▲	2	55740	(000000– )	Filter Element Ph	1
	3	70368	(000000– )	Grille, Right	1
	4	72179	(000000– )	Bracket, Grille	1
	5	35484	(000000– )	Sleeve, Nyl #27 45.0L	1
	6	15648	(000000– )	Bearing, Flange 0.500Bore	2
	7	72176	(000000– )	Pin, Pivot, Upper	2
	8	69972	(000000– )	Scr-Hex M12x1.75 40 10.9Pltd	6
	9	70253	(000000– )	Bracket, Mtg, Latch	1
	10	72473	(000000– )	Latch, Hook, Rh	1
	11	59192	(000000– )	Latch, Bolt	1
	12	53466	(000000– )	Clamp, Hose	2
	13	13698	(000000– )	Cooler, Hyd 365	1
	14	46481	(000000– )	Ftg-Hyd E90 Jm12/Om12	2
	15	16081	(000000– )	Ftg-Hyd E45 Jm12/Om12	2
	16	41016	(000000– )	Clamp-Cable, 2.25Dia 1.00Wth	1
	17	87676	(000000– )	Sleeve, Nyl #27 30.0L	2
	18	70250	(006562– )	Bracket, Rear Grill Stop 385Lh	1
	19	55347	(006562– )	Scr-Hex .38-16x2.00 Full Thd	1
	20	01318	(006562– )	Tip, Rubber	1
	21	36328	(000000– )	Washer-Belleville .50 Pltd	4
	22	59870	(000000– )	Sprng, Tens, 0.50 Odx.05 Wire 2.5L	1

Fig. 9 – Engine Cover Group

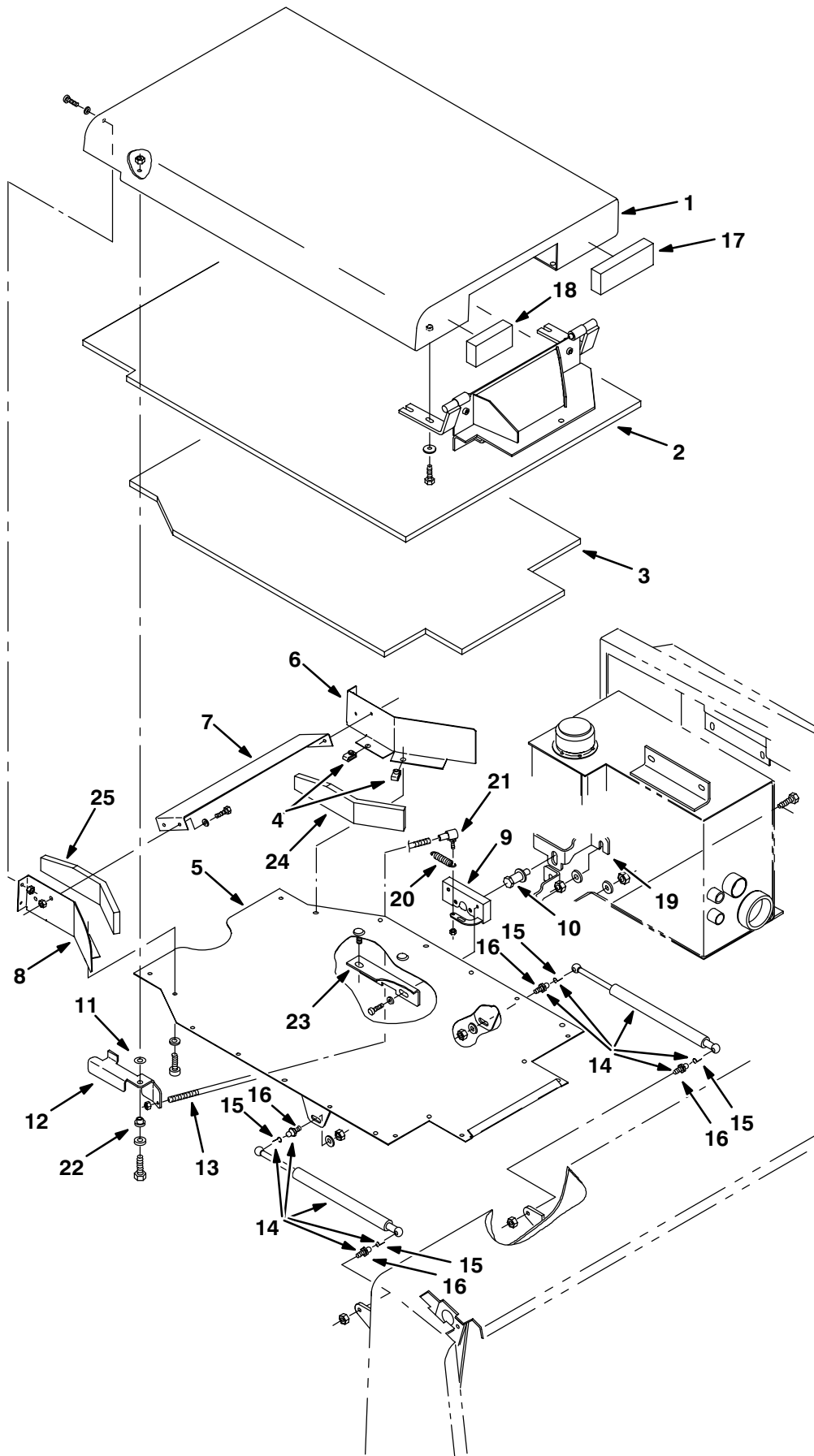


Fig. 9 – Engine Cover Group

Ref.	Tennant Part No.	Machine Serial Number	Description	Qty.	
1	72358	(000000– )	Cover Wldt, Engine	1	
2	72366	(000000– )	Foam, Cover, Engine, Top	1	
3	72344	(000000– )	Insulation, Acoustic, Engine	1	
4	12271	(000000– )	Nut, U M 6X1.0 Pltd	20	
5	70144	(000000–006405 )	Replm Kit, Plate, Bottm F/72367	1	
5	70147	(006406– )	Plate Wldt, Cover, Bottom, Lh	1	
6	72369	(000000– )	Plate, Deflector, Eng Cover,Lh	1	
7	58849	(000000– )	Bracket, Deflector, Eng Cover	1	
8	72370	(000000– )	Plate, Deflector, Eng Cover,Rh	1	
9	59514	(000000– )	Latch	1	
10	59192	(000000– )	Latch, Bolt	1	
11	20536	(000000– )	Washer, .453B 1.19D .06Nylon	1	
12	72371	(000000– )	Lever, Latch, Engine Cover	1	
13	55048	(000000– )	Rod, Latch, Engine Cover	1	
∇	14	69906	(000000– )	Spring–Gas Assy, Eng Cover	2
▲	15	64595	(000000– )	Clip, Safety	2
▲	16	58494	(000000– )	Stud, Ball, Gas Spring	2
	17	69986	(000000– )	Insulation, Acoustic, Eng Cover	1
	18	69987	(000000– )	Insulation, Acoustic, Eng Cover	1
	19	70149	(000000– )	Bracket, Latch, Engine Cover	1
	20	53091	(000000– )	Sprng,Tens,0.50Odx.05Wire 1.0L	1
	21	14601	(000000– )	Balljoint .250–28	1
	22	01047	(000000– )	Retainer	1
	23	70142	(006406– )	Bracket, Latch, Bolt, Eng Cover	1
	24	72556	(000000– )	Insulation, Acoustic, Eng Cover	1
	25	72557	(000000– )	Insulation, Acoustic, Eng Cover	1

Fig. 10 – Engine Side Door Group

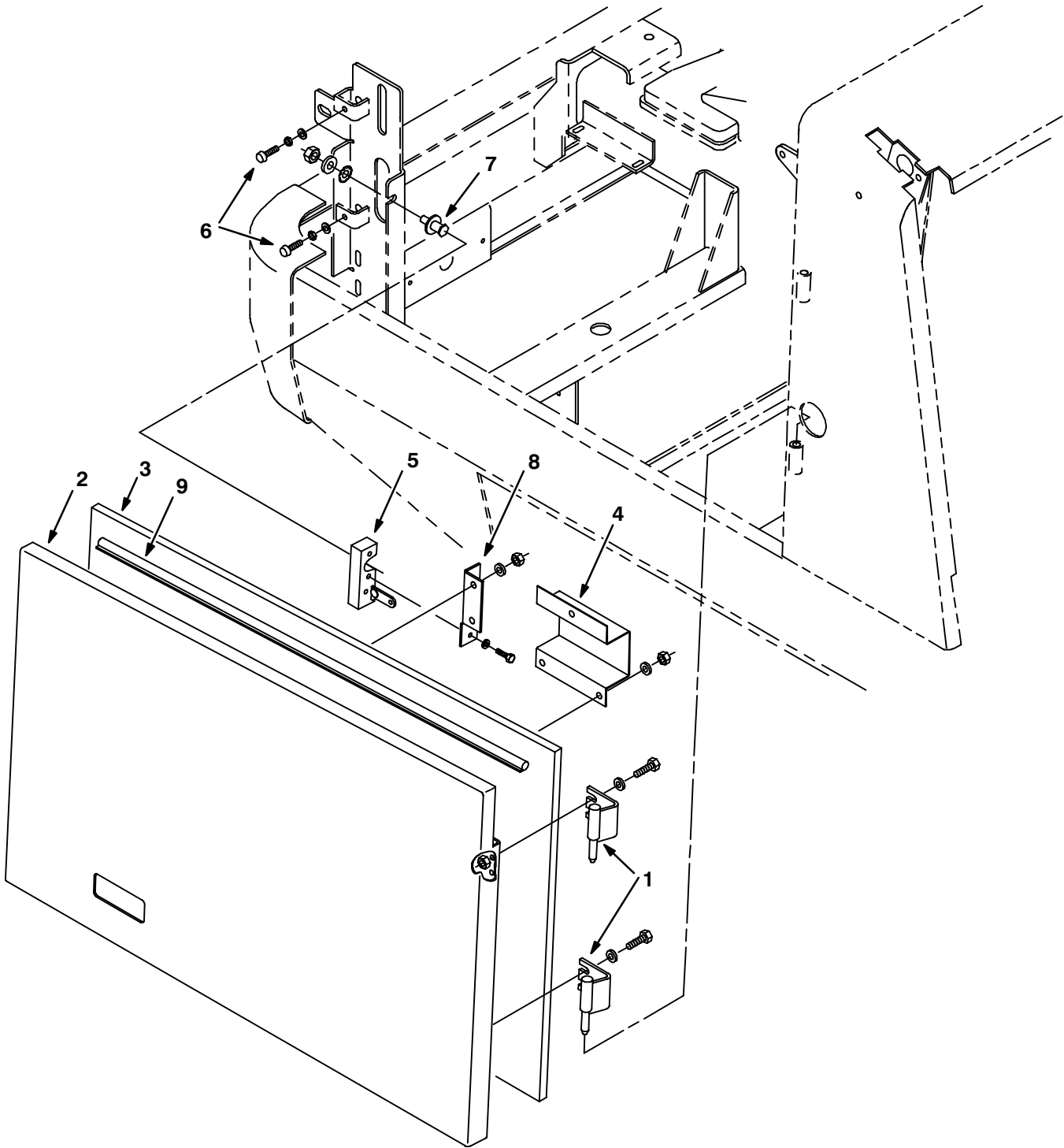




Fig. 10 – Engine Side Door Group

Ref.	Tennant Part No.	Machine Serial Number	Description	Qty.
1	72372	(000000–	) Hinge Wldt, Door, Engine	2
2	72373	(000000–	) Door Wldt, Side, Engine	1
3	72338	(000000–	) Insulation, Acoustic, Eng Side	1
4	59829	(000000–	) Bracket, Door	1
5	72439	(000000–	) Latch	1
6	75128	(000000–	) Spindle, Adjustment	2
7	72154	(000000–	) Bolt, Latch, Engine Side Door	1
8	72375	(000000–	) Bracket, Latch, Door	1
9	59647	(000000–	) Seal, Rubber	1

Fig. 11 – Steering and Firewall Group

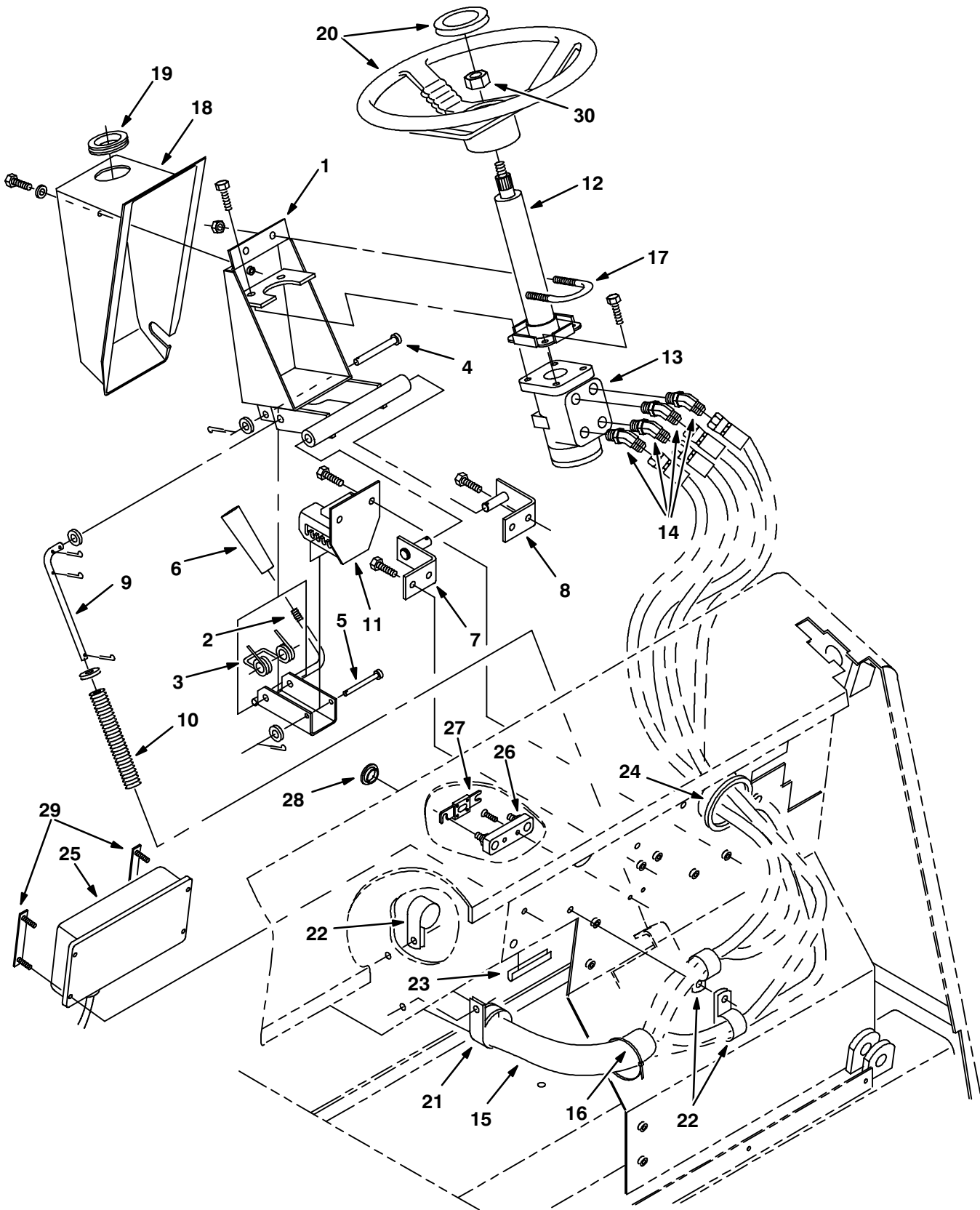


Fig. 11 – Steering and Firewall Group

Ref.	Tennant Part No.	Machine Serial Number	Description	Qty.
1	56373	(000000–	) Bracket Wldt, Valve	1
2	56379	(000000–	) Lever Wldt, Tilt	1
3	56198	(000000–	) Spring, Torsion	1
4	23191	(000000–	) Pin,Clevis,0.37 Dia.X 3.00 Lg	1
5	04733–10	(000000–	) Pin,Clevis,0.25 Dia.X 2.44 Lg	1
6	59940	(000000–	) Knob, Tapered M8	1
7	58665	(000000–	) Bracket Wldt, Mtg, Steering	1
8	58667	(000000–	) Bracket Wldt, Mtg, Steering	1
9	56392	(000000–	) Rod, Spring	1
10	63852	(000000–	) Sprng,Comp,0.74ldx.11Wire 5.5L	1
11	56385	(000000–	) Bracket Wldt, Notched	1
12	57935	(000000–	) Column, Steering	1
13	54022	(000000–005898	) Steer Control, Hyd (See Breakdowns) (Repl. by 74172)	1
13	74172	(005899–	) Steer Control, Hyd (See Breakdowns)	1
14	47522	(000000–	) Ftg–Hyd E45 Jm06/Om06	4
15	34330	(000000–	) Sleeve–Nyln #38 30.0L	1
16	49263	(000000–	) Tie, Cable 3.00D Max 11.41Lg	3
17	58748	(000000–	) U – Bolt	1
18	56362	(000000–	) Cover, Steering	1
19	54345	(000000–	) Grommet,Rbr,1.62ld,For .13Matl	1
20	56398	(000000–	) Wheel, Steering, 14 Dia X 36T	1
21	41016	(000000–	) Clamp–Cable, 2.25Dia 1.00Wth	1
22	53466	(000000–	) Clamp, Hose	3
23	62595–3	(000000–	) Molding, Trim 11–14Ga 5.75	1
24	62595–4	(000000–	) Molding, Trim 11–14Ga 10.00	1
25	56237	(000000–	) Control Box, Governor, Die	1
26	86381	(000000–	) Block, Fuse	1
27	87319	(000000–	) Fuse, 40 Amp	1
28	55035	(000000–	) Plug, Plastic 1.00 D	1
29	59935	(000000–	) Plate Wldt, Governor	2
30	56185	(000000–	) Nut–Hx Jam M20x1.5 4 Pltd	1

Fig. 12 – Instrument Panel Assembly

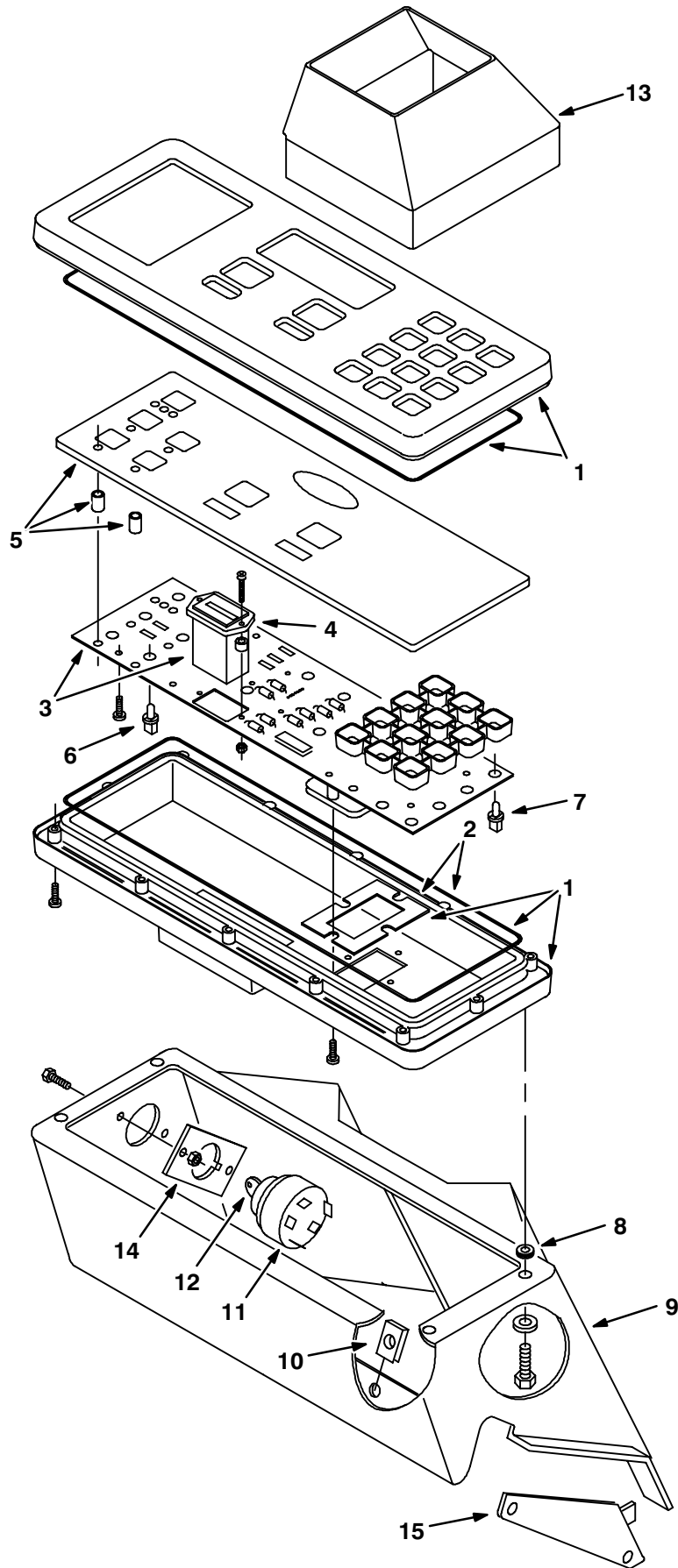
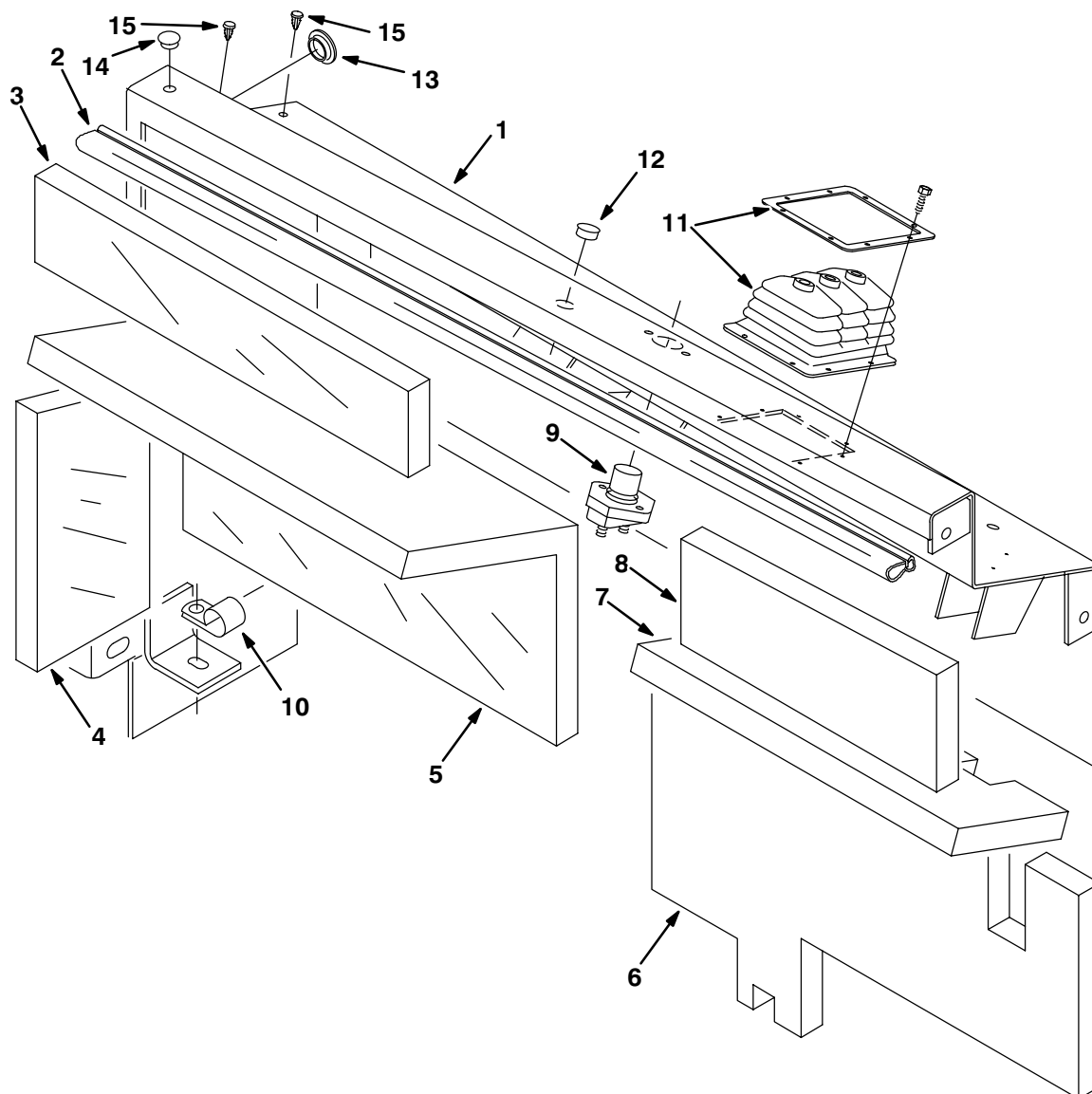


Fig. 12 – Instrument Panel Assembly

	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 (8)	2
▲	7	56346	(000000–	( Replm Kit, Lamp, Fault (8)	1
	8	10632–5	(000000–	) Grommet,Rbr,0.25ld,For .09Matl	4
	9	66131	(000000–	) Panel Assy, Instr	1
	10	12271	(000000–	) Nut, U M 6X1.0 Pltd	2
▽	11	87536	(000000–	) Switch Ignition	1
▲	12	87866	(000000–	) Key Set,Switch Ku	1
	13	72109	(000000–xxxxxx	) Repl Kit, Sun Shield	1
	14	19768	(000000–	) Plate, Reinforcement–Ignition	1
	15	72486	(000000–	) Plate, Filler	1

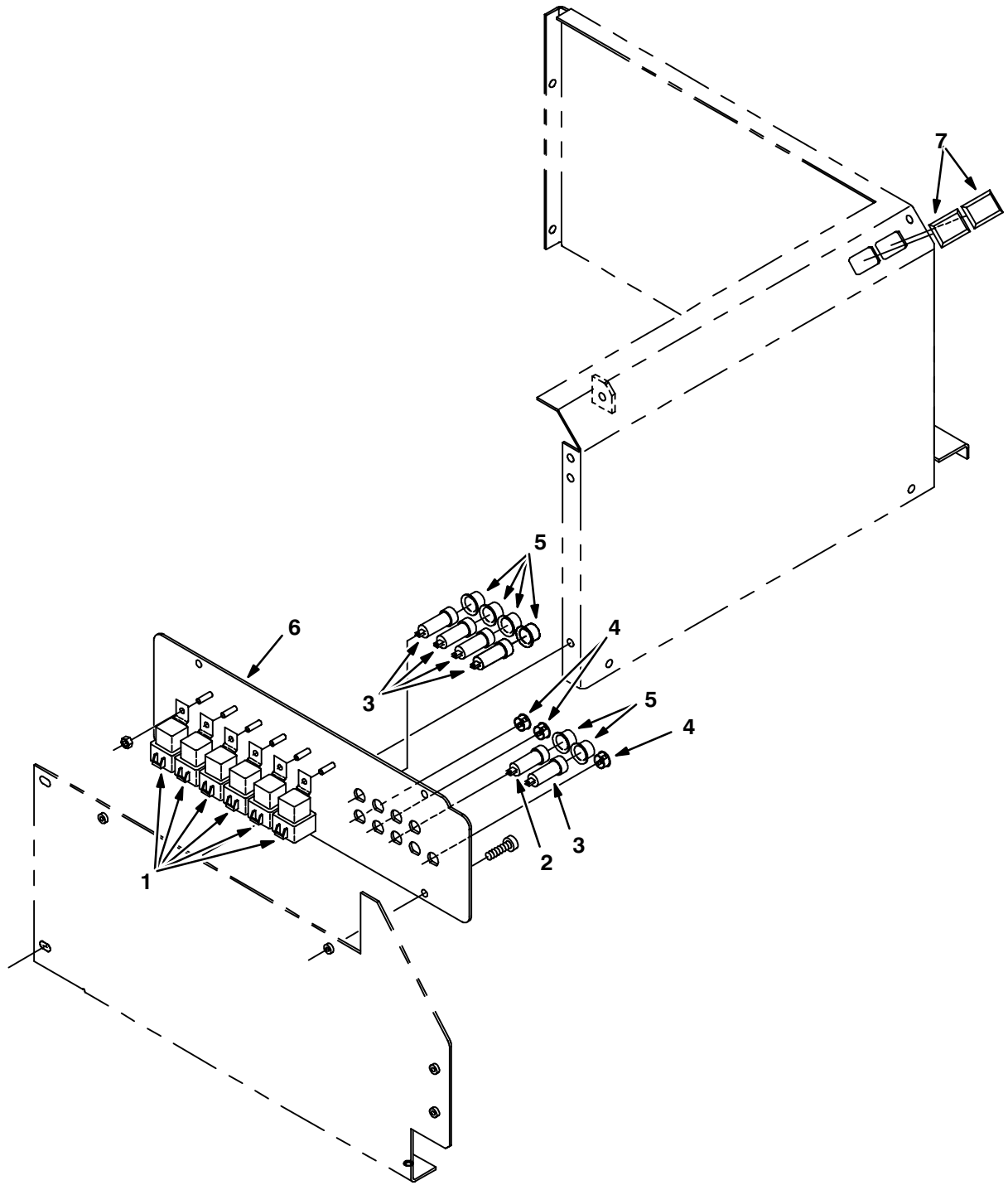
**Fig. 13 – Side Instrument Panel Group**



08752/08175

Ref.	Tennant Part No.	Machine Serial Number	Description	Qty.
1	72525	(000000– )	Panel Assy, Instr, W/Label	1
2	59647	(000000– )	Seal, Rubber	1
3	59623	(000000– )	Insulation, Acoustic	1
4	72339	(000000– )	Insulation, Acoustic	1
5	59621	(000000– )	Insulation, Acoustic	1
6	72340	(000000– )	Insulation, Acoustic	1
7	72342	(000000– )	Insulation, Acoustic	1
8	72341	(000000– )	Insulation, Acoustic	1
9	44078	(000000– )	Switch, Pushmom, Spst100A 12V	1
10	69234	(000000– )	Clamp–Cable, 1.00Dia. .62Wth	2
11	69909	(000000– )	Bellows Assy, Valve	1
12	01314	(000000– )	Plugbtn .38H .03–.12 Blacknyl	1
13	55035	(000000– )	Plugbtn, 1.0 Dia	1
14	01314	(000000– )	Plugbtn .38h .03–.12 Blacknyl	1
15	77399	(000000– )	Clip, Pine–tree .236h Plastic	2

Fig. 14 – Circuit Breaker and Relay Group



08753/08162

Ref.	Tenant Part No.	Machine Serial Number	Description	Qty.
1	56186	(000000- )	Relay, Shrouded, 12 Vdc	6
2	87583	(000000- )	Breaker-Circuit, 2.5 Resetbl	1
3	57803	(000000- )	Breaker-Circuit, 15 Resetbl	5
4	57167	(000000- )	Plugbtn .62H .03-.12 Blacknyl	3
5	57751	(000000- )	Boot-Circuit Breaker	6
6	72438	(000000- )	Plate, Circuit Breaker	1
7	57772	(000000- )	Plate-Cover	2

Fig. 15 – Engine and Governor Group

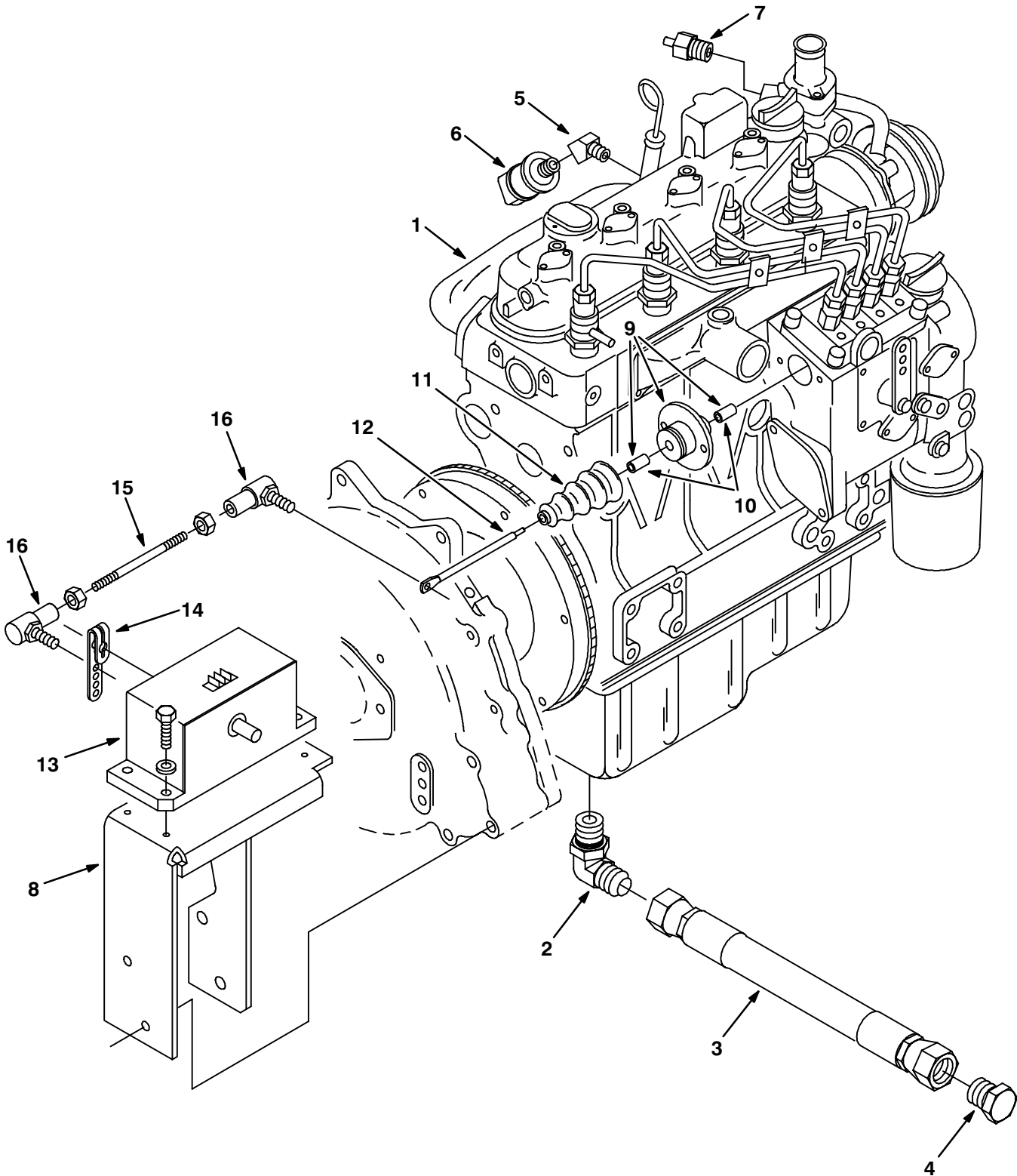




Fig. 15 – Engine and Governor Group

Ref.	Tennant Part No.	Machine Serial Number	Description	Qty.	
1	53836	(000000–006025 )	Engine Assy (See Engine Breakdown)	1	
1	74435	(006026–006055 )	Engine Assy (See Engine Breakdown)	1	
1	84625	(006056– )	Engine, Diesel Kubota E Series (See Engine Breakdown)	1	
2	59884	(000000– )	Ftg–Metric E90 Omm22/Jm12	1	
3	59891	(000000– )	Hose–Hyd Low12 Jf/Jf	1	
4	59885	(000000– )	Ftg–Hyd Plg Jm12	1	
5	24976	(000000– )	Ftg–Brs E45 Pm02/Pf02	1	
6	79399	(000000– )	Switch, Pressure, Oil	1	
7	36165	(000000– )	Send Unit, Temperature	1	
8	59640	(000000– )	Bracket Wldt, Mtg, Actuator	1	
∇	9	58391	(000000– )	Throttle Assy, Block, Die	1
▲	10	64939	(000000– )	Bearing, Bronze	2
	11	59002	(000000– )	Boot, Rubber	1
	12	58362	(000000– )	Rod, Throttle Control, Diesel	1
	13	07539	(000000– )	Actuator, Governor	1
	14	30481	(000000– )	Lever, Governor Actuator	1
	15	53424	(000000– )	Stud, .25–28 4.6L .25–28	1
	16	14601	(000000– )	Balljoint .250–28	2

Fig. 16 – Engine Mount Group

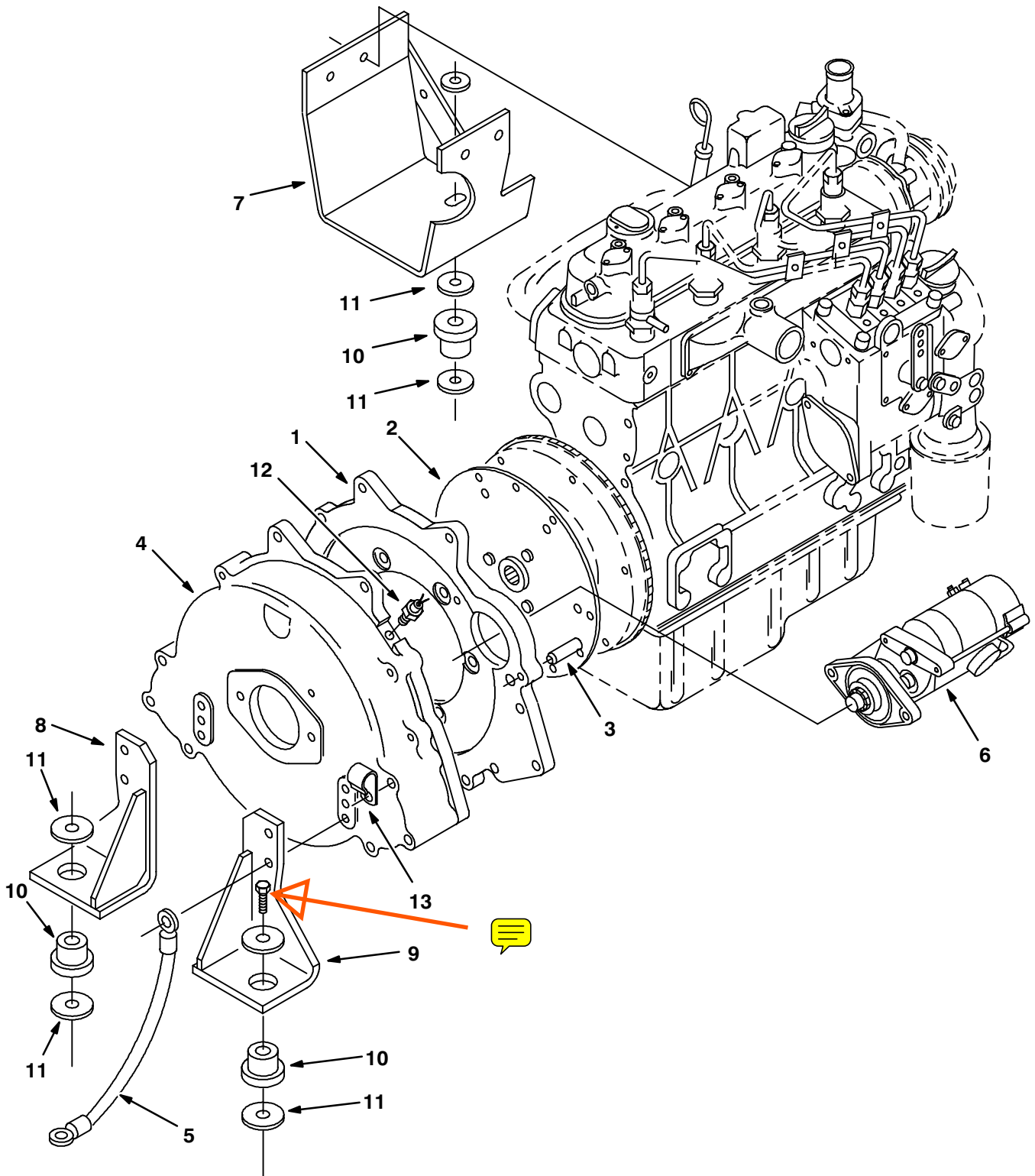


Fig. 16 – Engine Mount Group

Ref.	Tenant Part No.	Machine Serial Number	Description	Qty.
1	55837	(000000–	) Adaptor, Flywheel Hsg, Kubota	1
2	19252	(000000–	) Coupling Assy, Flywheel	1
3	54911–16	(000000–	) Dowel,Cyl.Block To Flywhl.Hsg.	2
4	58566	(000000–	) Housing, Flywheel, Rework	1
5	57773	(000000–	) Wire Assy–Elect.,Ground	1
6	55860	(000000–006025	) Starter, Rework (See Engine Breakdown)	1
6	74405	(006026–	) Starter, Die (See Engine Breakdown)	1
7	55831	(000000–	) Bracket Wldt, Mtg, Engine	1
8	57755	(000000–	) Bracket Wldt,Mtg,Eng, Rear, Rh	1
9	57754	(000000–	) Bracket Wldt,Mtg,Eng,Rear, Lh	1
10	51176	(000000–	) Dampner, Engine	3
11	04414	(000000–	) Washer, Flat	6
12	59946	(000000–	) Magnet Assy, Pick–Up	1
13	30407	(000000–	) Clip, Keeper, Open	1

Fig. 17 – Air Cleaner Group

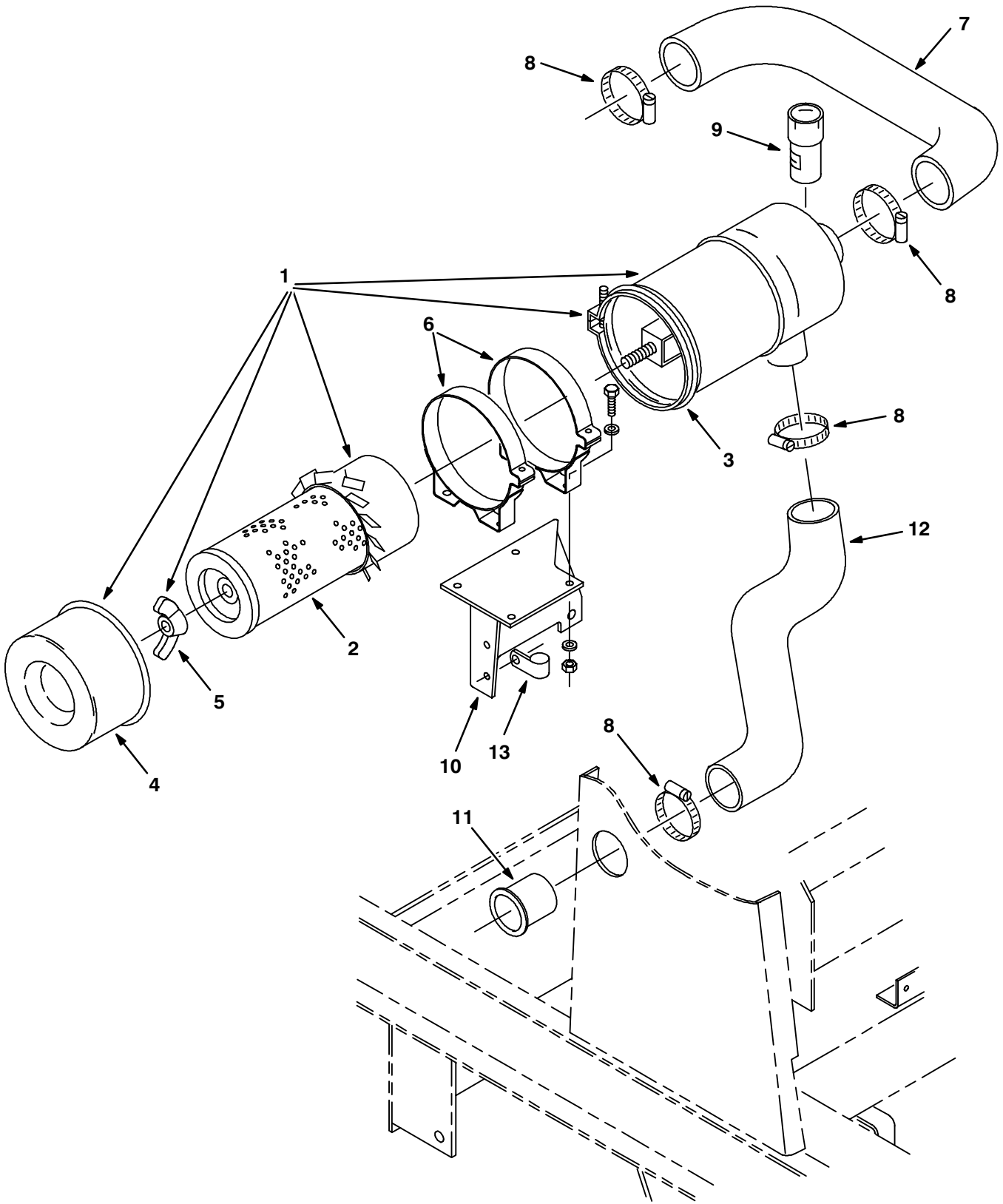
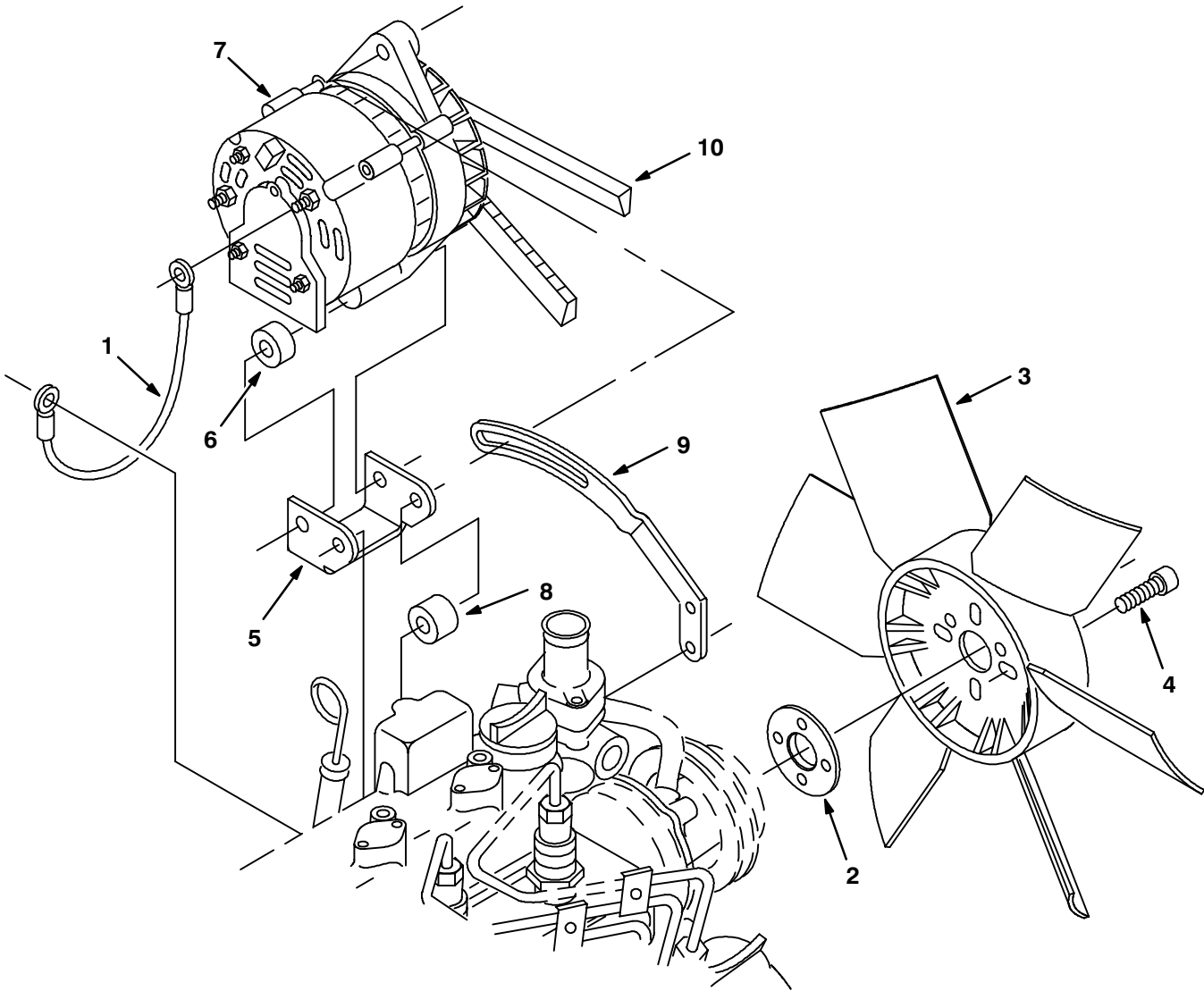


Fig. 17 – Air Cleaner Group

	Ref.	Tennant Part No.	Machine Serial Number	Description	Qty.
▽	1	58538	(000000–	) Air Cleaner	1
▲	2	58120	(000000–	) Element, Air Filter	1
▲	3	02740	(000000–	) Clamp Assembly Dn	1
▲	4	02741	(000000–	) Cup Assembly Dn	1
▲	5	07562	(000000–	) Nut, Wing .44–20 Special	1
	6	51560–3	(000000–	) Clamp,Mounting,Cyclopac Aircl.	2
	7	72483	(000000–	) Hose, Molded, Air Intake	1
	8	14432	(000000–	) Clamp–Wormdrive, 1.81– 2.75D	4
	9	03026	(000000–	) Indicator,Service,Air Filter	1
	10	72475	(000000–	) Bracket, Mtg, Air Cleaner	1
	11	58346	(000000–	) Tube – Carb. Air Intake	1
	12	72482	(000000–	) Tube, Inlet, A Clnr	1
	13	30407	(000000–	) Clip, Keeper, Open	1

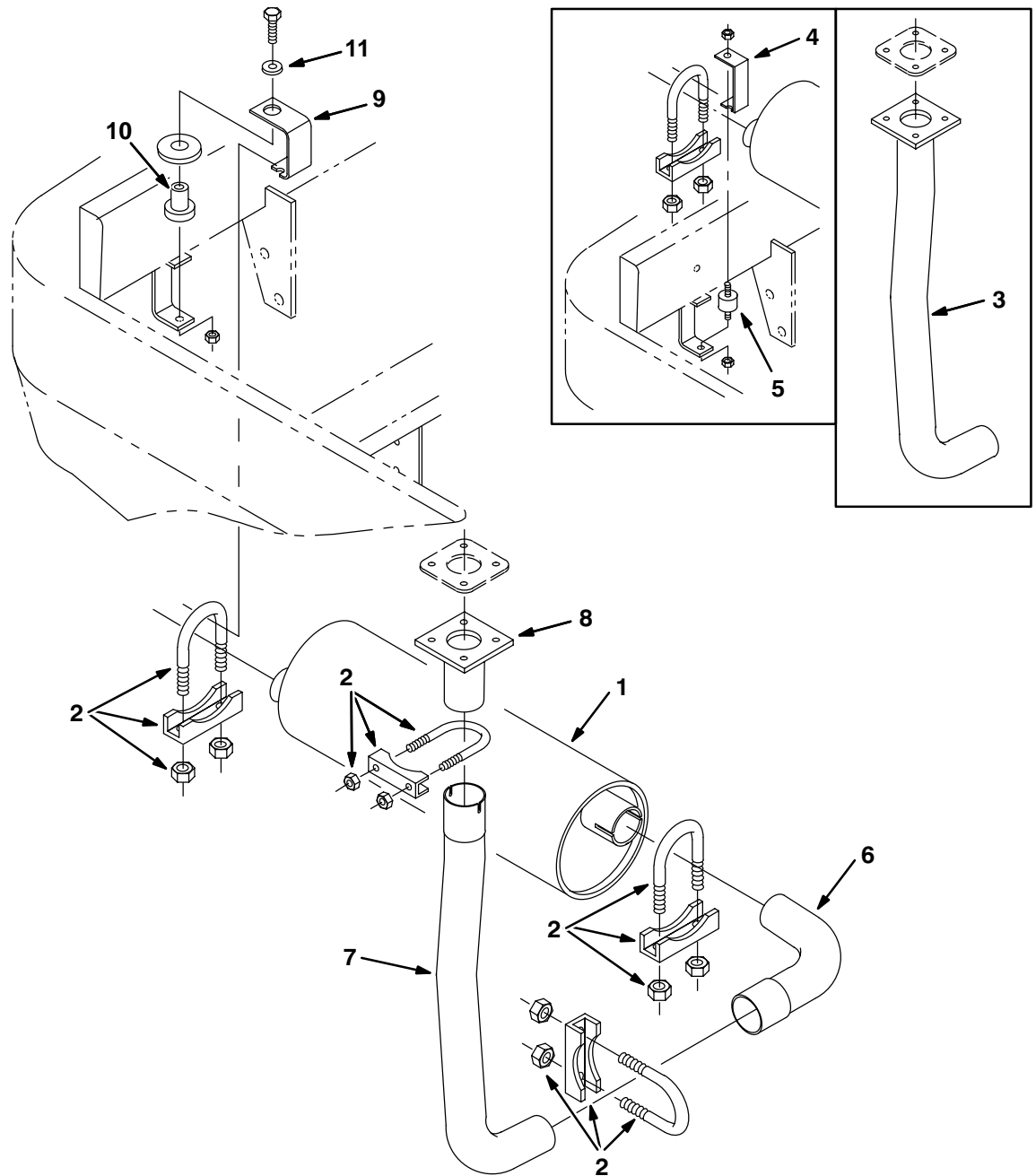
**Fig. 18 – Alternator and Engine Fan Group**



07839/07083

Ref.	Tennant Part No.	Machine Serial Number	Description	Qty.
1	82731	(000000- )	Wire-Ground, Alternator	1
2	30569	(000000- )	Spacer, Fan	1
3	30559	(000000- )	Fan, Pusher	1
4	57824	(000000- )	Scr-Soc M 6X1.0 20 Nylonloc	4
5	55855	(000000- )	Bracket, Alternator	1
6	55863	(000000- )	Sleeve, .438B 1.00D .49 Sml	1
▽ 7	60559	(000000- )	Alternator, 50A/12V Mando	1
▲	61931	(000000- )	Regulator Assy Md	1
▲	86041	(000000- )	Bearing-Ball, .669B 1.575D 0.472W	1
▲	61529	(000000- )	Cplt Brush Kit Md	1
▲	61531	(000000- )	Rectifier Assy Md	1
▲	70160	(000000- )	Altrntr Pulley Md	1
8	07274	(000000- )	Spacer, Idler Mount	1
9	55856	(000000- )	Arm, Alternator	1
10	58327	(000000- )	Belt, V Hc41 X 41	1

Fig. 19 – Muffler Group



08791/08164

Ref.	Tennant Part No.	Machine Serial Number	Description	Qty.
1	55851	(000000– )	Muffler, Exhaust	1
2	24012	(000000– )	Clamp–Muff, For 1.62 Od Tube L	4
3	72485	(000000–005966 )	Pipe, Exhaust, Die	1
4	82661	(000000–006610 )	Isolator–Vibration .25–20	1
5	84578	(000000–006610 )	Replm Kit, Muff Hanger F/82545	1
6	72484	(000000– )	Pipe, Exhaust	1
7	72563	(005967– )	Pipe, Exhaust, Diesel	1
8	74452	(005967– )	Pipe, Exhaust, Diesel	1
9	70214	(006611– )	Bracket, Hanger, Muffler	1
10	54274	(006611– )	Isolator–Vibration, 125lb. Rating	1
11	30013	(006611– )	Washer–Flt .31 Fender Pltd	1

Fig. 20 – Fuel Tank Group

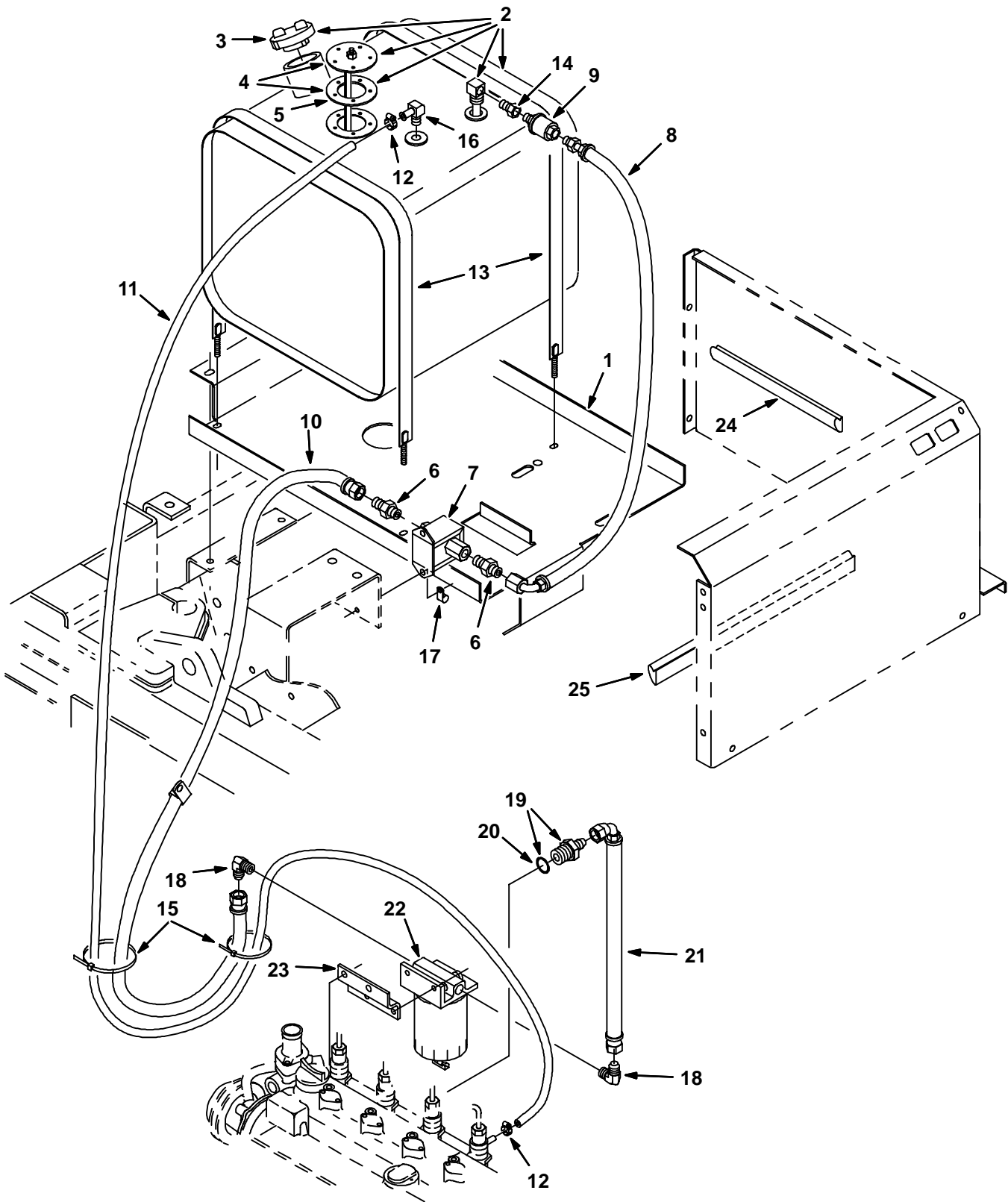




Fig. 20 – Fuel Tank Group

Ref.	Tennant Part No.	Machine Serial Number	Description	Qty.
	1	72444	(000000–005541 ) Tray, Gas	1
▽	2	74453	(000000–005541 ) Tank Replmt Kit	1
▲	3	48267	(000000–005541 ) Cap, Fuel	1
▲▽	4	07873	(000000–005541 ) Send Unit	1
▲▲	5	14131	(000000–005541 ) Gasket, 2.7D 1.5B.12T 5/ 2.1Bc	1
	6	56457	(000000–005541 ) Ftg–Hyd Str Pm02/Jm04	2
	7	59945	(000000–005541 ) Pump, Fuel, Ele	1
	8	72490	(000000–005541 ) Hose–Hyd, 4, 15, 350Wp	1
	9	36050	(000000–005541 ) Filter, Fuel	1
	10	82803	(000000–005541 ) Hose–Hyd Low04 Jf/Jf	1
	11	72489	(000000–005541 ) Hose Rbr,0.18 Idx .41Od 54.0Lg	1
	12	43844	(000000–005541 ) Clamp–Wormdrive, 0.25– 0.62D	2
	13	87396	(000000–005541 ) Strap Weldmt, Gas Tank	2
	14	17414	(000000–005541 ) Ftg–Hyd Str Pm04/Pf02	1
	15	49266	(000000–005541 ) Tie, Cable 1.75D Max 7.50Lg	5
	16	32183	(000000–005541 ) Ftg,Brass,E90,Barb.12Pt–.25Hse	1
	17	46236	(000000–005541 ) Clamp–Cable, 0.25Dia 0.56Wth	1
	18	06764	(000000–005541 ) Ftg–Hyd E90 Pm04/Jm04	2
58301	▽	19	<del>66212</del> (000000–005541 ) Fitting Assy, Fuel	1
	▲	20	77002 (000000–005541 ) Seal, O–Ring .064X.30	1
		21	58091 (000000–005541 ) Tube Assy, Hyd .25OD 04JF/04JF	1
	▽	22	55850 (000000–005541 ) Filter, Fueldiesel	1
	▲		55844 (000000–005541 ) Filter, Fueldiesel, Element	1
		23	72491 (000000–005541 ) Bracket, Mounting, Filter	1
		24	86330 (000000–005541 ) Duct, Vinyl .40X.75X10.0 .25D	1
		25	86331 (000000–005541 ) Duct, Vinyl .40X.75X16.0 .25D	1

**Fig. 21 – Fuel Tank Group**

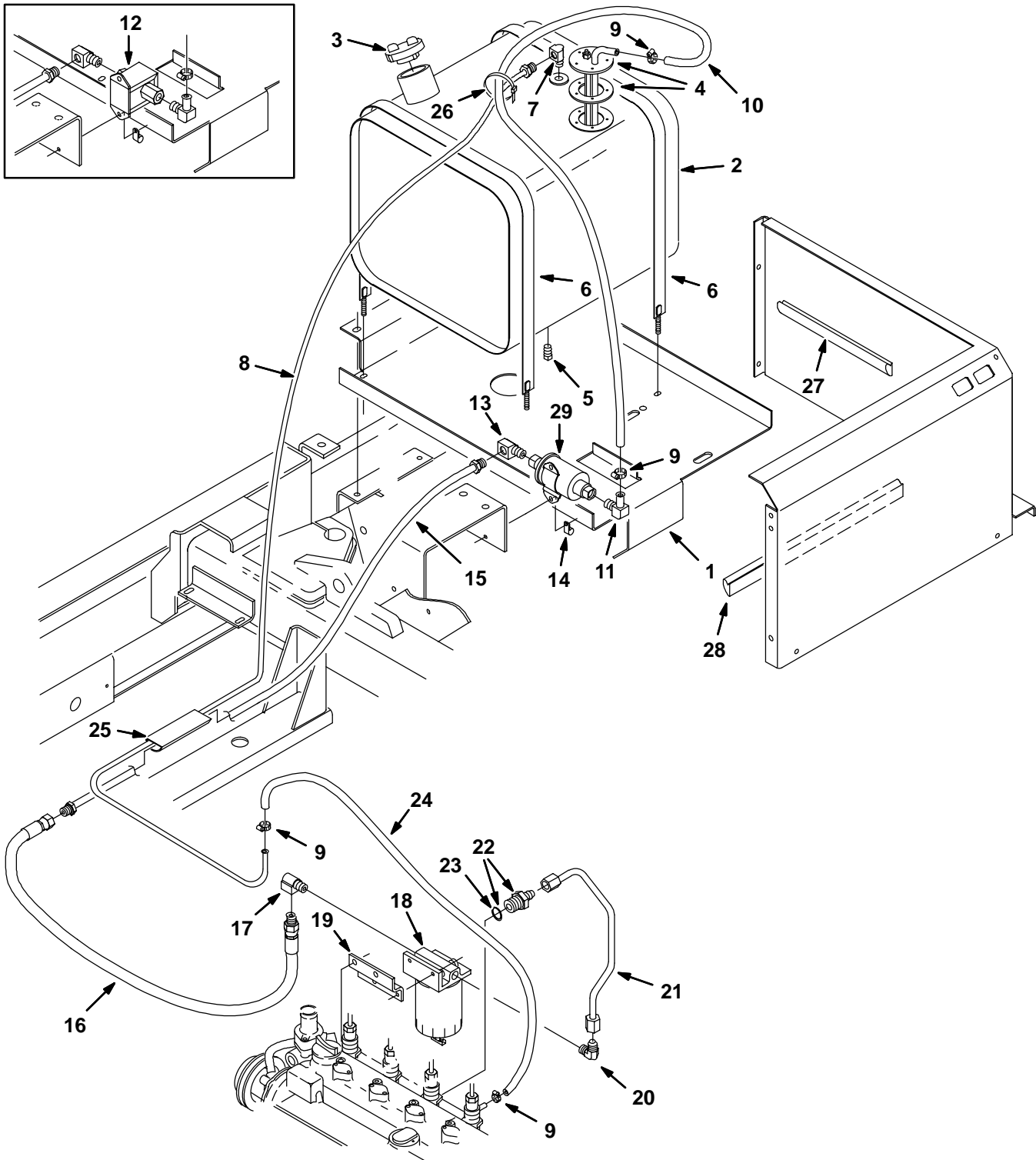


Fig. 21 – Fuel Tank Group

Ref.	Tennant Part No.	Machine Serial Number	Description	Qty.
	1	72444	(005542– ) Tray, Gas	1
▽	2	72191	(005542– ) Tank, Fuel, 9.4 Gal	1
▲	3	48267	(005542– ) Cap, Fuel	1
▲	4	74406	(005542– ) Sending Unit	1
	5	48126	(005542– ) Ftg–Plug Npt 02Pm Sq Hd	1
	6	87396	(005542– ) Strap Weldmt, Gas Tank	2
	7	53078	(005542– ) Ftg–Brs E90 lf03/Pm02	1
	8	72559	(005542– ) Fuelline	1
	9	43844	(005542– ) Clamp–Wormdrive, 0.25– 0.62D	4
	10	72560	(005542– ) Hose, Fuelline	1
	11	53029	(005542– ) Ftg–Brs E90 Bm05/Pm02	1
	12	21720	(005542–007013 ) Replm Kit, Fuel Pump F/59945	1
	13	15555–1	(005542– ) Ftg–Brs E90 lf05/Pm02	1
	14	46236	(005542– ) Clamp–Cable, 0.25Dia 0.56Wth	1
	15	72558	(005542– ) Fuelline	1
	16	70173	(005542– ) Hose, Fuelline, 10.0L	1
	17	15555–2	(005542– ) Fitting, Brass E90	1
▽	18	55850	(005542– ) Filter, Fueldiesel	1
▲		55844	(005542– ) Filter, Fueldiesel, Element	1
	19	72491	(005542– ) Bracket, Mounting, Filter	1
	20	06764	(005542– ) Ftg–Hyd E90 Pm04/Jm04	1
	21	58091	(005542– ) Tube Assy, Hyd .25OD 04JF/04JF	1
58301 ▽	22	<del>66212</del>	(005542– ) Fitting Assy, Fuel	1
▲	23	77002	(005542– ) Seal, O–Ring .064X.30	1
	24	72561	(005542– ) Hose, Fuelline	1
	25	65526	(005542– ) Duct, Vinyl 1.5x.75x3.0	1
	26	49266	(005542– ) Tie, Cable 1.75D Max 7.50Lg	1
	27	86330	(005542– ) Duct, Vinyl .40X.75X10.0 .25D	1
	28	86331	(005542– ) Duct, Vinyl .40X.75X16.0 .25D	1
	29	59015	(007014– ) Pump, Fuel	1

Fig. 22 – Radiator Group

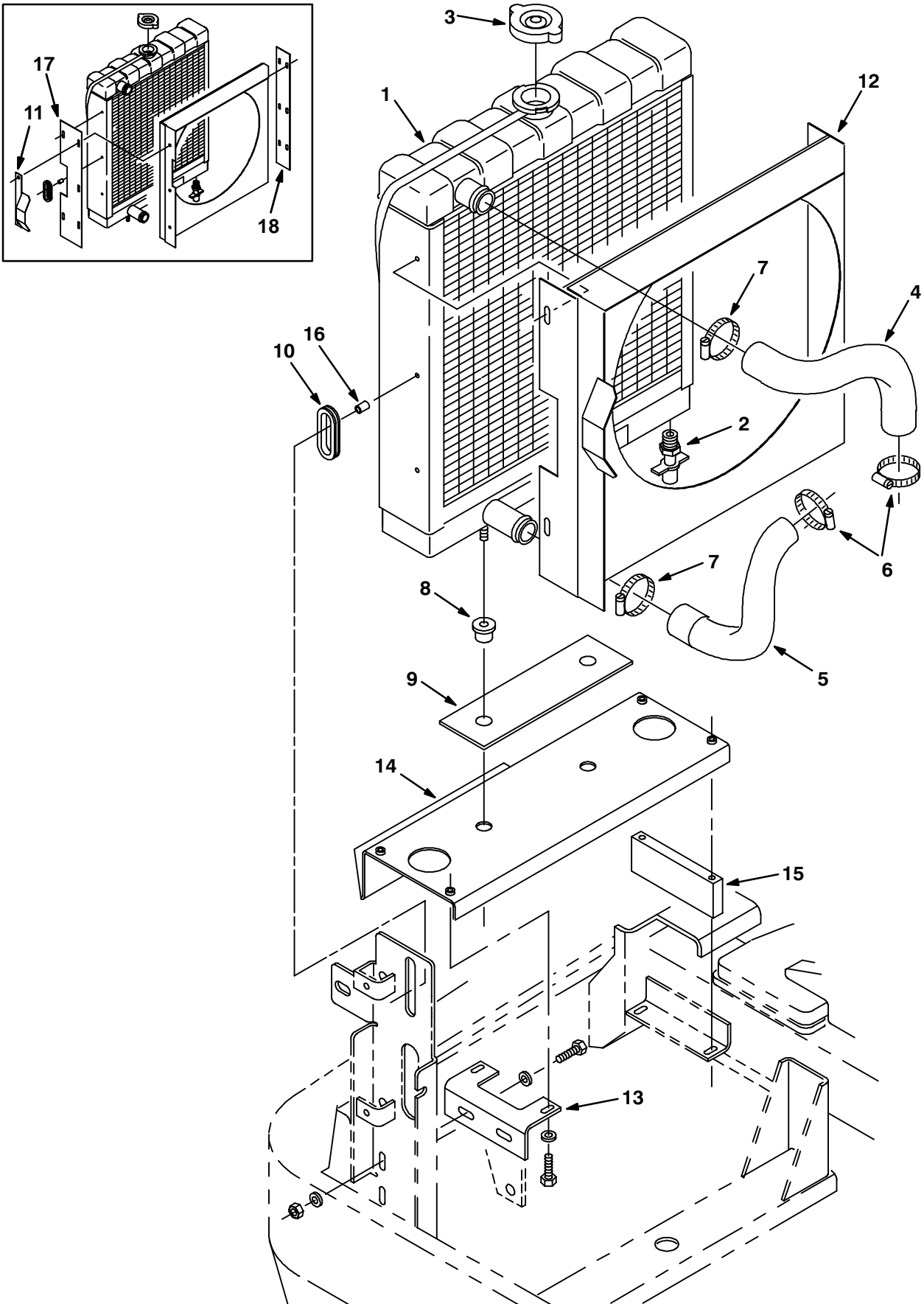


Fig. 22 – Radiator Group

Ref.	Tenant Part No.	Machine Serial Number	Description	Qty.
1	55225	(000000–	) Radiator	1
2	54911–32	(000000–	) Draincock,End.Block	1
3	31755	(000000–	) Cap, Radiator	1
4	55857	(000000–	) Hose, Radiator, Upper, Die	1
5	55858	(000000–	) Hose, Radiator, Lower, Die	1
6	11399	(000000–	) Clamp–Wormdrive, 0.81– 1.50D	2
7	11531	(000000–	) Clamp–Wormdrive, 1.06– 2.00D	2
8	54274	(000000–	) Isolator–Vibration,60 Lb.Ratng	2
9	59551	(000000–	) Plate, Filler	1
10	10632–13	(000000–	) Grommet,Rbr,1.50ld,For .19Matl	1
11	72488	(000000–xxxxxx	) Guard, Alternator Fan (Repl. By 72526)	1
12	72526	(000000–	) Guard, Fan, W/Label	1
13	72147	(000000–	) Bracket, Mtg, Radiator	1
14	72451	(000000–	) Channel, Mtg, Radiator	1
15	74401	(000000–	) Plate, Filler	1
16	59881	(000000–	) Spacer	1
17	59555	(000000–xxxxxx	) Plate, Sppt, Shroud	1
18	59878	(000000–xxxxxx	) Plate, Filler	1

Fig. 23 – Battery Group

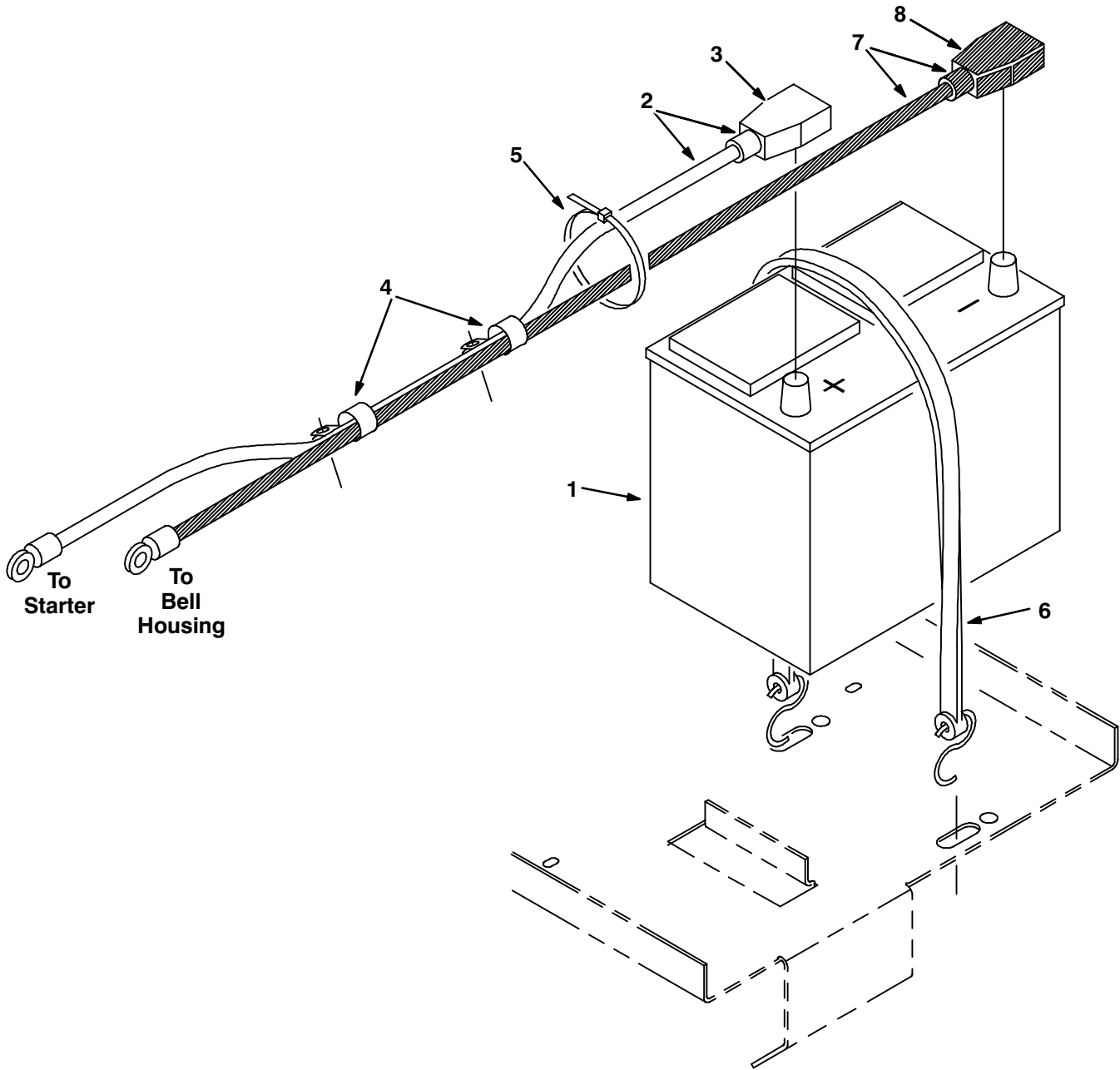


Fig. 23 – Battery Group

	Ref.	Tenant Part No.	Machine Serial Number	Description	Qty.
	1	10143	(000000–	) Battery, 12V, Cc Amps:600 Wet	1
▽	2	68869	(000000–	) Cable Assy–Batt,, Pos 48.0 Lg, 2 Ga	1
▲	3	68873	(000000–	) Boot, Batt. Term. 1–2 Ga Red	1
	4	67767	(000000–	) Clamp–Cable, .69Dia. .62Wth	2
	5	49266	(000000–	) Tie, Cable 1.75D Max 7.50Lg	2
	6	33671	(000000–	) Strap,Rubber Tie–Down	1
▽	7	60295	(000000–	) Wire Assy, 60.0 Lg, 2 Ga, Neg	1
▲	8	68872	(000000–	) Boot, Batt. Term. 1–2 Ga Black	1

**Fig. 24 – Rear Drive Wheel Group**

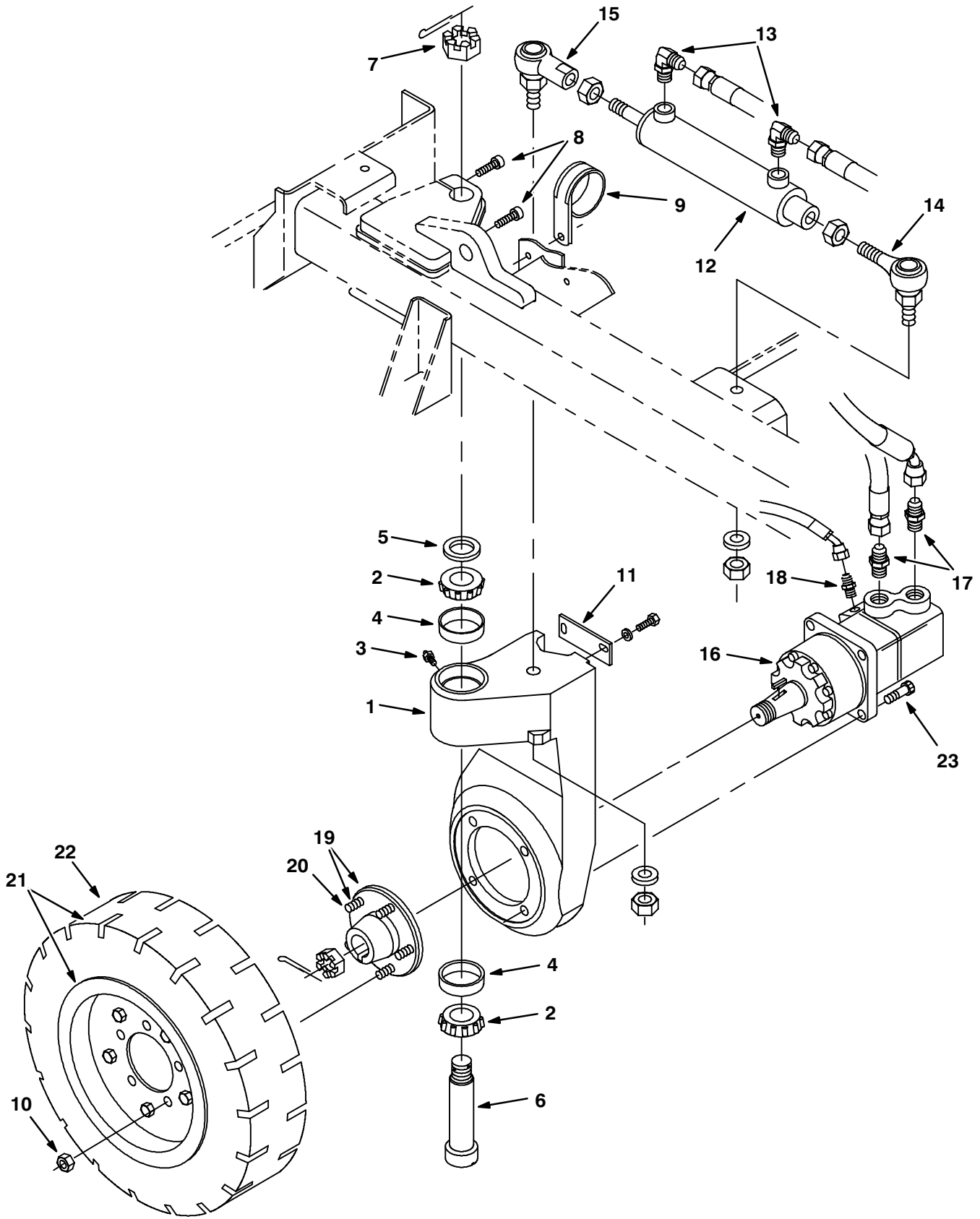




Fig. 24 – Rear Drive Wheel Group

Ref.	Tennant Part No.	Machine Serial Number	Description	Qty.	
1	70367	(000000– )	Housing, Sppt, Wheel	1	
2	51339	(000000– )	Bearing–Cone, 1.38Bore 0.71Wth	2	
3	47801	(000000– )	Ftg, Grease.25–28Th Strt .63L	1	
4	51338	(000000– )	Bearing–Cup , 2.56Dia 0.55Wth	2	
5	54051	(000000– )	Washer, Thrust	1	
6	54053	(000000– )	Pin, Wheel Support, Rear	1	
7	54052	(000000– )	Nut–Hxslot 1.12–18 Pltd	1	
8	39310	(000000– )	Scr Soc M10X1.5 40	2	
9	70157	(000000– )	Clamp–Cable, 2.50D 1.0W SS	1	
10	24339	(000000– )	Nut–Wheel .50–20 60 Angle	5	
11	58842	(000000– )	Plate – Hose Support	1	
12	53601	(000000– )	Cylinder–Hyd (See Breakdowns)	1	
13	56820	(000000– )	Ftg–Hyd E90 Jm06/Om06	2	
14	63688	(000000– )	Balljoint, Rod End	1	
15	63689	(000000– )	Balljoint, Rod End	1	
16	59804	(000000–005697 )	Motor–Hyd Gear (See Breakdowns) (Repl. by 378710)	1	
16	48663	(005698–005830 )	Motor–Hyd Gear (See Breakdowns) (Repl. by 378710)	1	
16	74162	(005831–007305 )	Motor–Hyd Gear (See Breakdowns) (Repl. by 378710)	1	
16	22604	(007306– )	Motor–Hyd Gear (See Breakdowns)	1	
17	42223	(000000– )	Ftg–Hyd Str Jm10/Om12	2	
18	55586	(000000– )	Ftg–Hyd Ste Jm04/Om04	1	
▽	19	54087	(000000– )	Hub & Stud Assy	1
▲	20	32126	(000000– )	Stud, Wheel .50–20 x 1.50	5
▽	21	53817	(000000– )	Tire and Wheel Assembly, Soft Ride	1
▲	22	53816	(000000– )	Tire, Solid, Black	1
	23	19583	(000000– )	Scr Soc .50–13X1.50	4

Fig. 25 – Front Wheel and Brakes Group

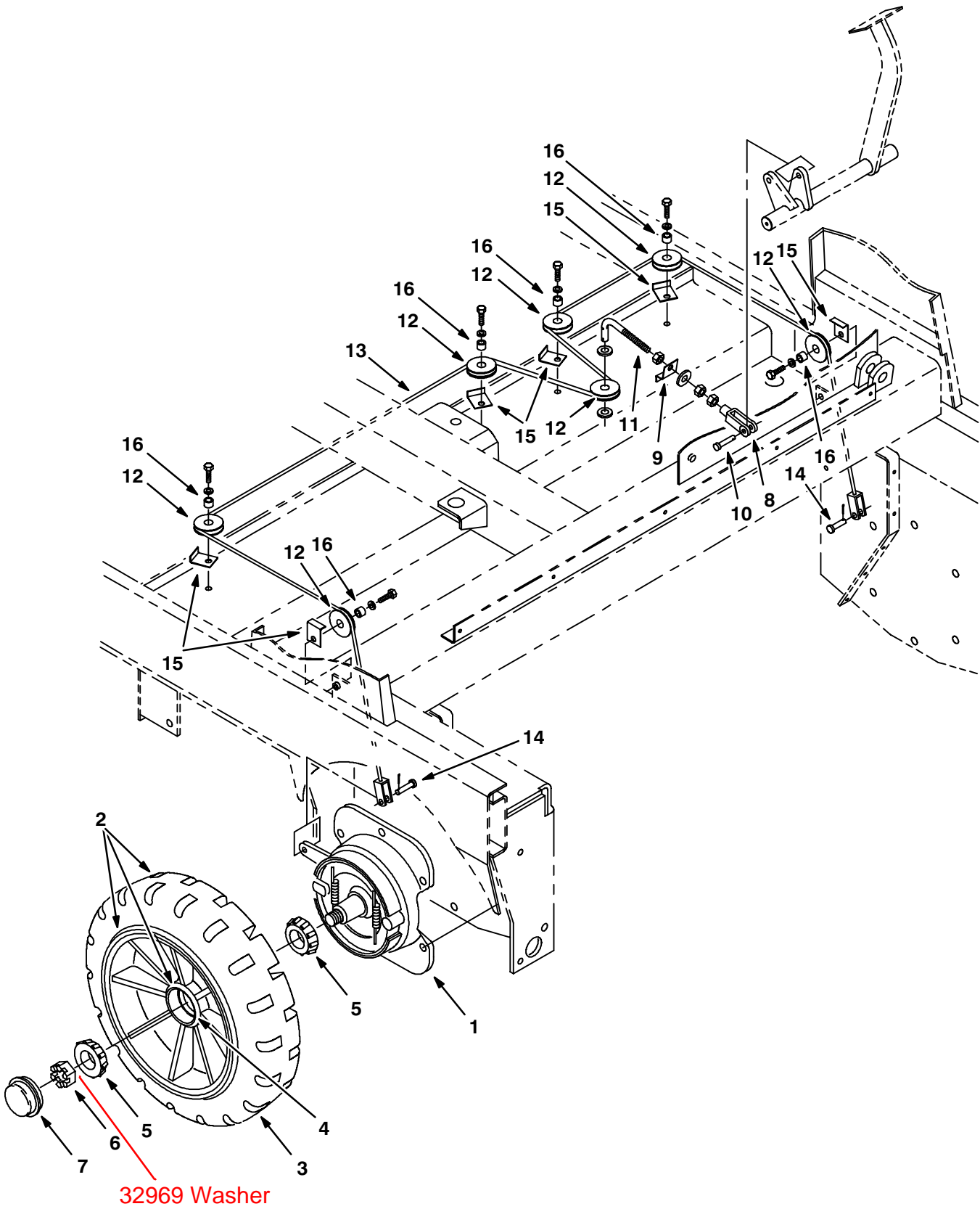


Fig. 25 – Front Wheel and Brakes Group

	Ref.	Tennant Part No.	Machine Serial Number	Description	Qty.
▽	1	54577	(000000–	) Brake Assy	2
▲		66211	(000000–	) Brake Shoes	2
▲▽		66213	(000000–	) Brake Repair Kit	1
▲▲		70161	(000000–	) Chrome Pltd Cam Shft	1
▲		70158	(000000–	) Return Spring–Brakes	2
▽	2	54437	(000000–	) Wheel Assy	2
▲	3	54567	(000000–	) Tire,18X5X12.12 Solid	1
▲	4	51338	(000000–	) Bearing–Cup , 2.56Dia 0.55Wth	2
	5	51339	(000000–	) Bearing–Cone, 1.38Bore 0.71Wth	4
	6	14242	(000000–	) Nut–Hxslot 1.00–20 Pltd	2
	7	54390	(000000–	) Cap, Hub	2
	8	54467	(000000–	) Clevis, Adjustable	1
	9	58288	(000000–	) Clip, Cable	1
	10	86240	(000000–	) Pin Clevis .375 Dia X 1.13 Lg	1
	11	54619	(000000–	) Rod, Brake	1
	12	74391	(000000–	) Pulley Assy – Cable, 1.5 Dia	7
	13	54617	(000000–	) Cable, Brake, Service	1
	14	09088	(000000–	) Pin,Clevis,0.37 Dia.X 1.00 Lg	2
	15	54400	(000000–	) Angle, Cable Keeper	6
	16	56624	(000000–	) Spacer, Pulley	6

Fig. 26 – Brake Lever and Pedal Group

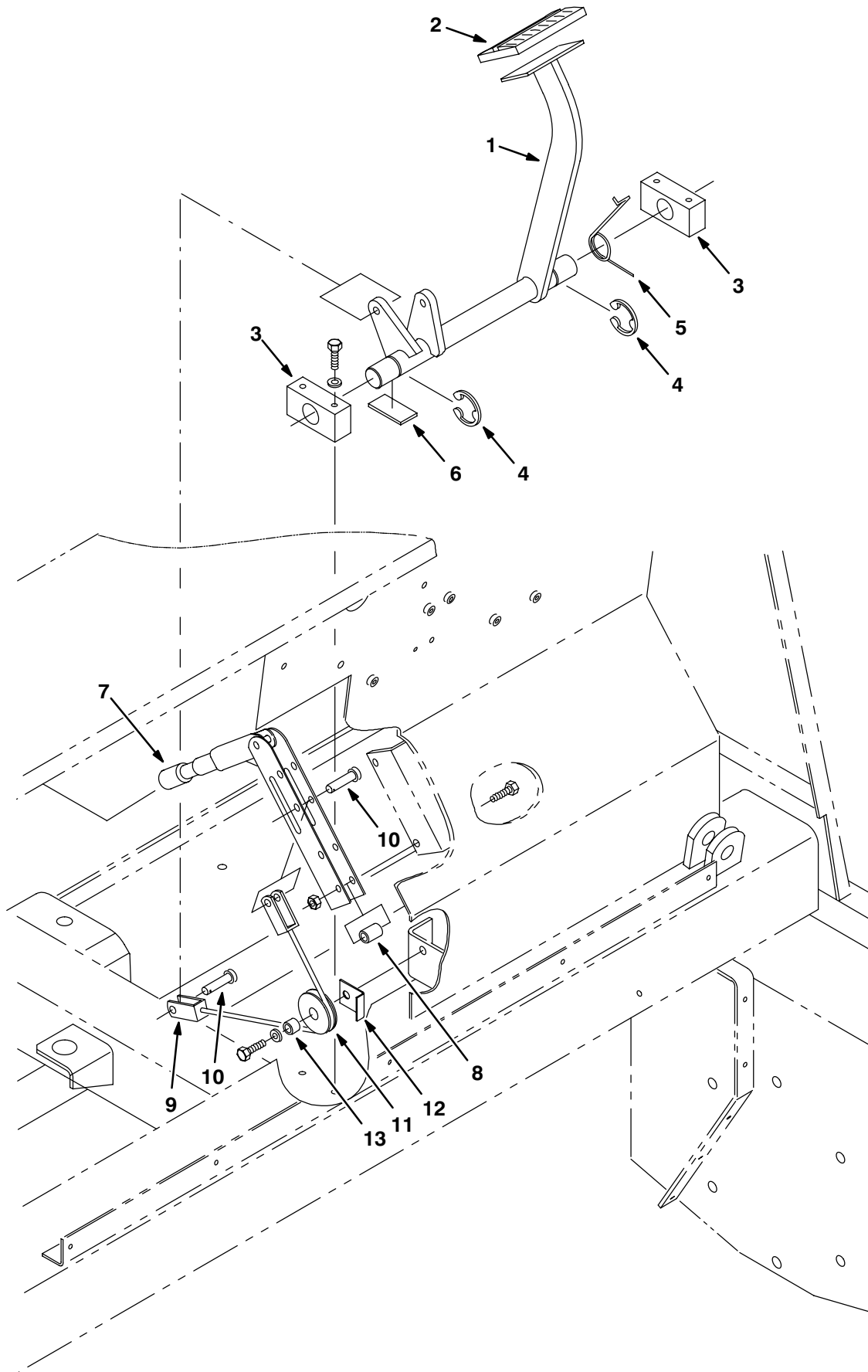


Fig. 26 – Brake Lever and Pedal Group

	Ref.	Tennant Part No.	Machine Serial Number	Description	Qty.
▽	1	72461	(000000–	) Shaft Wldt, Brake	1
▲	2	51109	(000000–	) Pad	1
	3	86751	(000000–	) Brg, Brake	2
	4	23788	(000000–	) Ring–Retain, Ex, 0.98OD, E–Ring	2
	5	72478	(000000–	) Spring, Torsion	1
	6	69933	(000000–	) Pad, Rubber	1
	7	51545	(000000–	) Lever, Brake	1
	8	51562	(000000–	) Sleeve, .344B .50D .81 Cr.Anc	2
	9	54616	(000000–	) Cable, Parking Brake	1
	10	86240	(000000–	) Pin Clevis .375 Dia X 1.13 Lg	2
	11	74391	(000000–	) Pulley Assy – Cable, 1.5 Dia	1
	12	54400	(000000–	) Angle, Cable Keeper	1
	13	56624	(000000–	) Spacer, Pulley	1

Fig. 27 – Directional Pedal Group

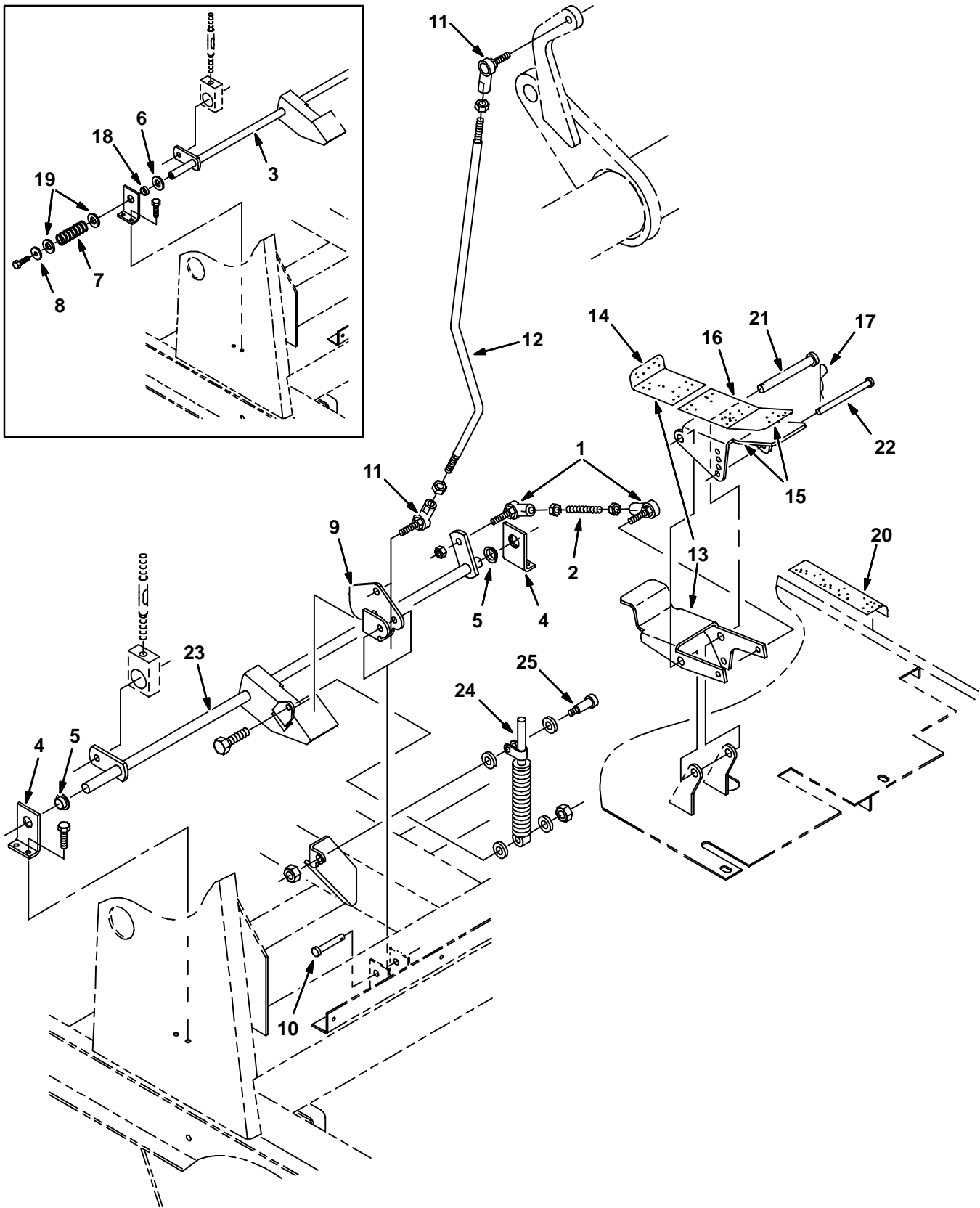


Fig. 27 – Directional Pedal Group

Ref.	Tennant Part No.	Machine Serial Number	Description	Qty.
1	05686	(000000– )	Rod–End M10X1.5 W/Stud	2
2	54996	(000000– )	Rod, Adjusting	1
3	72462	(000000–005758 )	Rod Wldt, Drive Linkage	1
4	53927	(000000– )	Bracket Sppt, Control Rod	2
5	04843	(000000– )	Bearing, Flange .625 Bore	2
6	53782	(000000–005758 )	Bearing, Thrust .62X1.25X.06	1
7	39577	(000000–005758 )	Sprng,Comp,0.62ldxf1.Wire 3.0L	1
8	46983	(000000–005758 )	Sleeve, .391B 1.38D .19 Hr.Znc	1
9	72464	(000000– )	Bracket, Speed Limiter	1
10	51813	(000000– )	Pin,Clevis,0.37 Dia.X 2.12 Lg	1
11	05686	(000000– )	Rod–End M10X1.5 W/Stud	2
12	53955	(000000– )	Rod, Adjusting	1
▽	13	72130	(000000– ) Pedal, Propel,Adjustable,Lower w/tread	1
▲	14	75430	(000000– ) Pad, Tread	1
▽	15	72131	(000000– ) Pedal, Propel,Adjustable,Upper w/tread	1
▲	16	75430	(000000– ) Pad, Tread	1
	17	44906	(000000– ) Pin, Hair Cotter	1
	18	69962	(000000–005758 ) Bearing, Journal	1
	19	69954	(000000–005758 ) Bearing, Thrust	2
	20	75430	(000000– ) Pad, Tread	1
	21	59668	(000000– ) Pin, Clevis .50 Dia X 4.50 Lg	1
	22	59672	(000000– ) Pin, Clevis .31 Dia X 4.50 Lg	1
	23	72566	(005759– ) Rod Weldt, Drive Linkage, LH	1
	24	73411	(005759– ) Shock Absorber	1
	25	16213	(005759– ) Scr–Shld .312Dx1.00L .25–20	1

Fig. 28 – Hydraulic Pump Linkage Group

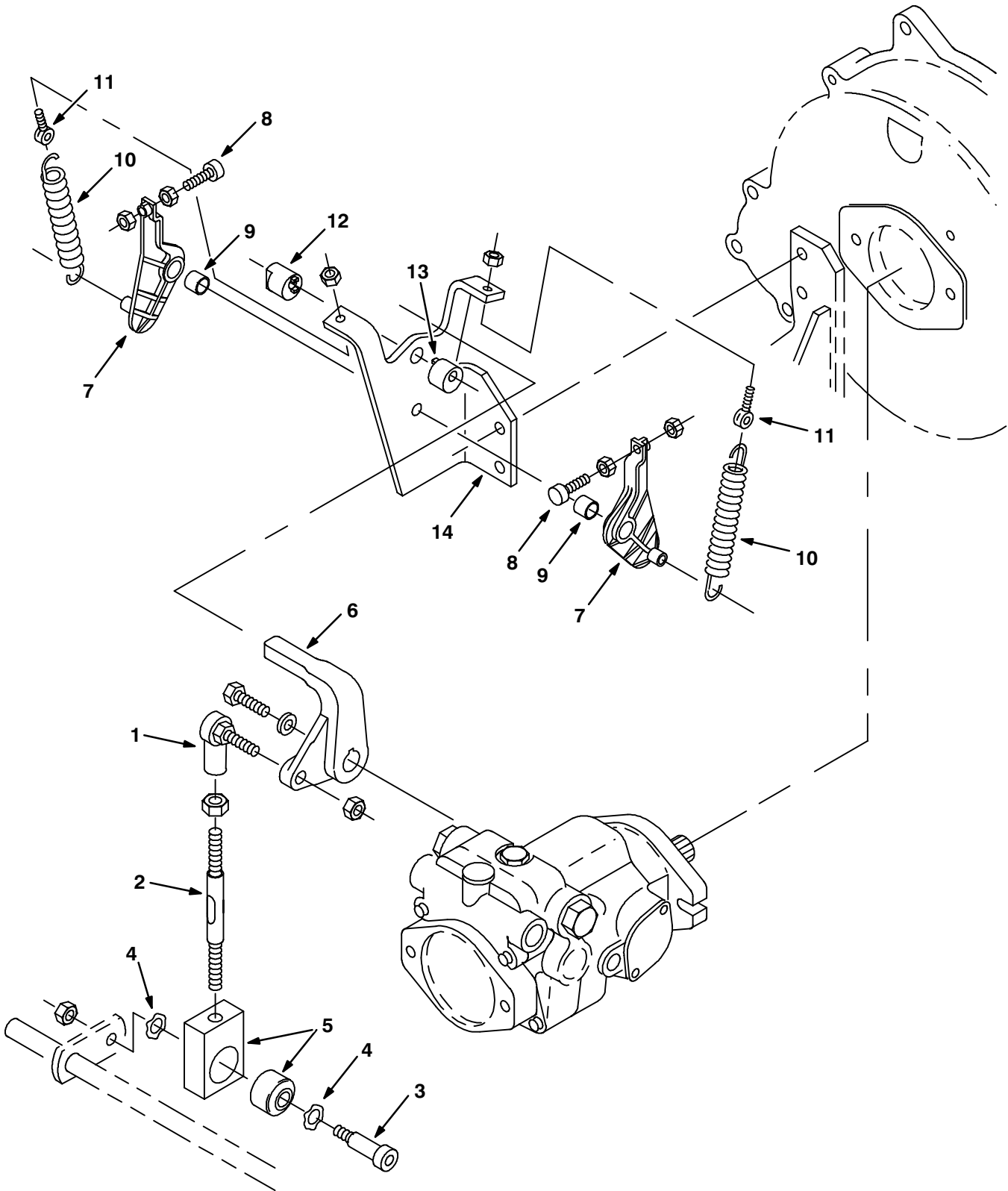




Fig. 28 – Hydraulic Pump Linkage Group

Ref.	Tennant Part No.	Machine Serial Number	Description	Qty.
1	05686	(000000–	) Rod–End M10X1.5 W/Stud	1
2	54015	(000000–	) Rod, Adjusting	1
3	86791	(000000–	) Scr–Shld .500Dx1.25L .38–16	1
4	52508	(000000–	) Washer–Wavy Spring,#Ww–381–&–8	2
5	54997	(000000–	) Bracket Assy, Isolator	1
6	54999	(000000–	) Arm, Control, Pintle	1
7	53953	(000000–	) Arm	2
8	54205	(000000–	) Bumper, Threaded	2
9	63234	(000000–	) Sleeve, Bearing	2
10	11842	(000000–	) Sprng,Tens,0.75Odx.12Wire 3.4L	2
11	48079	(000000–	) Bolt–Eye, .25–20Th .25B 1.4L	2
12	53947	(000000–	) Cam	1
13	54655	(000000–	) Cam	1
14	53950	(000000–	) Bracket, Propel	1

Fig. 29 – Hopper and Dump Door Group

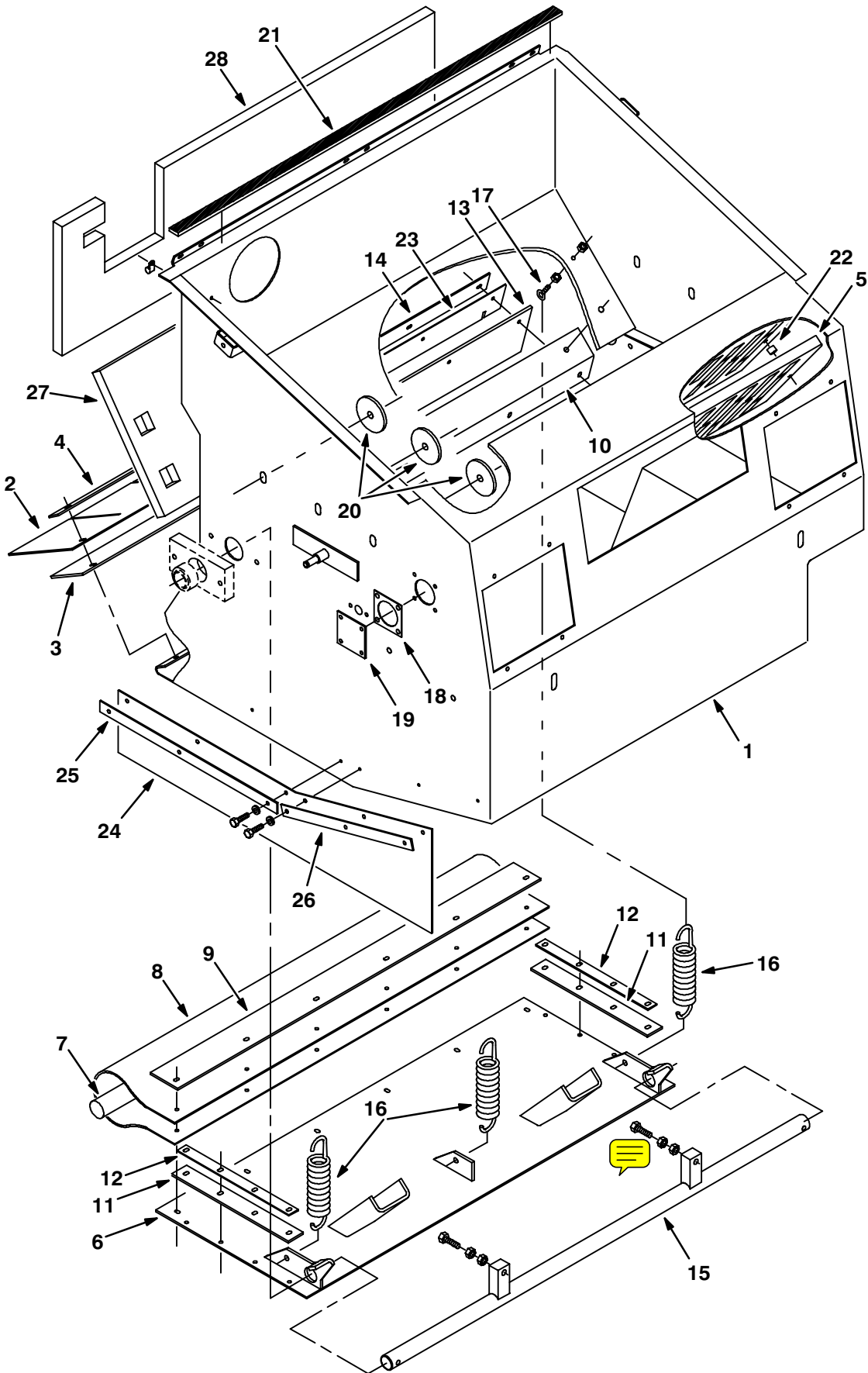


Fig. 29 – Hopper and Dump Door Group

Ref.	Tennant Part No.	Machine Serial Number	Description	Qty.
1	72311	(000000–	) Hopper Wldt	1
2	59680	(000000–	) Skirt, Lip	1
3	59681	(000000–	) Skirt, Lip	1
4	55890	(000000–	) Strap, Main Lip	1
5	55021	(000000–	) Panel, Perma–Filter	1
6	374507	(000000–	) Door Wldt, Dump	1
7	55864	(000000–	) Cord, Sponge	1
8	59685	(000000–	) Seal, Door, Dump	1
9	59686	(000000–	) Strap, Door, Dump	1
10	55879	(000000–	) Angle, Hopper	1
11	59687	(000000–	) Seal, Door, Dump, Side	2
12	59688	(000000–	) Strap, Door, Dump, Side	2
13	58103	(000000–	) Seal, Door, Hopper	1
14	55884	(000000–	) Strap	1
15	55889	(000000–	) Rod Wldt, Pivot	1
16	55892	(000000–	) Spring, Tension	3
17	11893	(000000–	) Bolt–Eye, .25–20Zinc.56D 2.00L	3
18	55965	(000000–	) Seal, Vac Wand	1
19	59189	(000000–	) Plate	1
20	72159	(000000–	) Plate, Lift Arm	6
21	72071	(000000–	) Seal, Foam Rubber	1
22	82483	(000000–	) Tube, Spacer, .41Dx.32Bx1.OI	2
23	59105	(000000–	) Seal, Door, Hopper	1
24	54089	(000000–	) Skirt, Side, Sbdc	1
25	54013	(000000–	) Plate, Retainer	1
26	54014	(000000–	) Plate, Retainer, Front	1
27	59814	(000000–	) Insulation, Acoustic, Hopper	1
28	72334	(000000–	) Insulation, Acoustic, Hopper	1

Fig. 30 – Hopper Cylinder and Dust Door Group

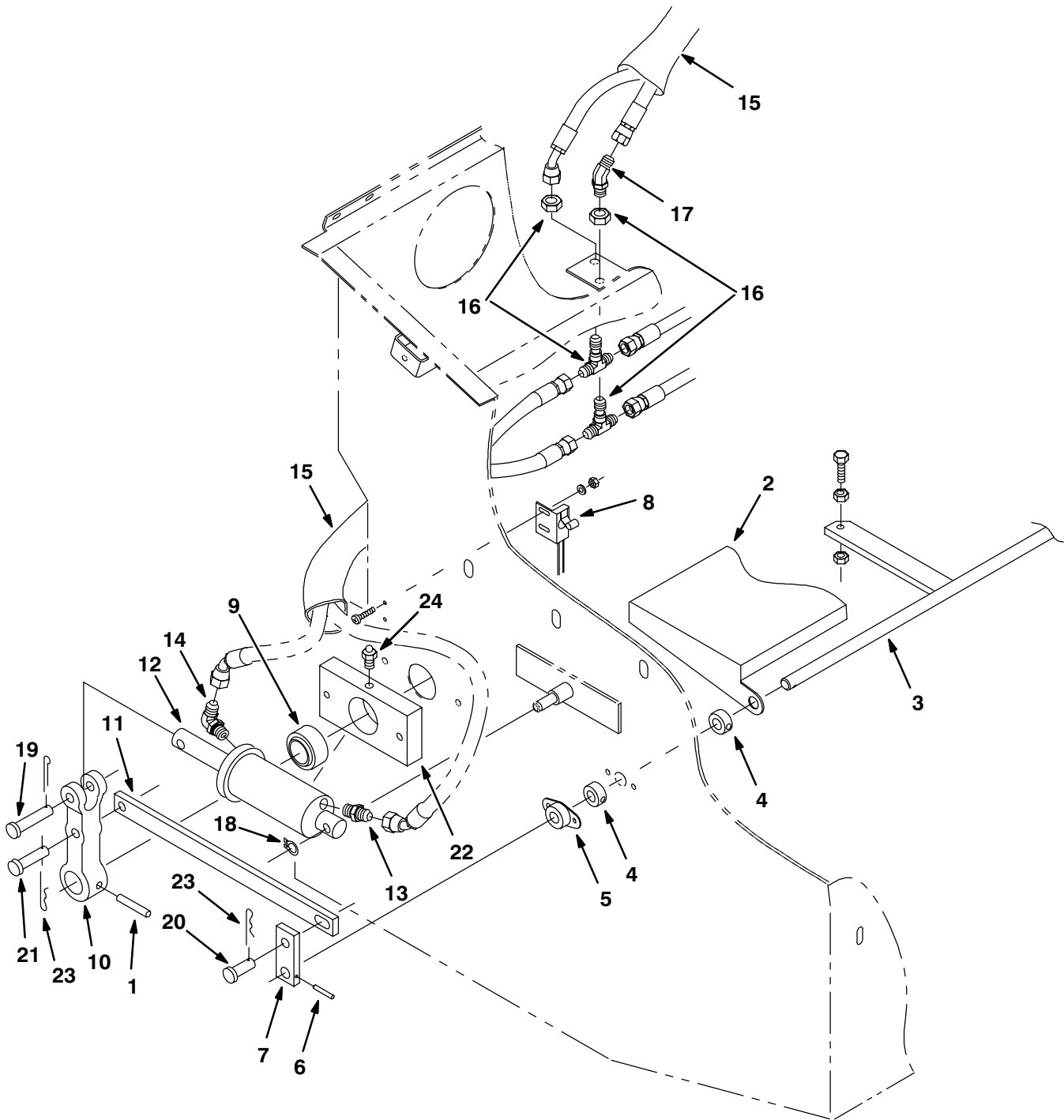


Fig. 30 – Hopper Cylinder and Dust Door Group

Ref.	Tennant Part No.	Machine Serial Number	Description	Qty.
1	51317	(000000–	) Pin,Roll,.38Odx2.00L,.375/.382	2
2	53910	(000000–	) Door, Dust	1
3	53915	(000000–	) Rod Wldt	1
4	34725	(000000–	) Collar, Locking	4
5	34096	(000000–	) Bearing–Flange,2 Hole .625Bore	2
6	26103	(000000–	) Pin,Roll,.18Odx1.25L,.187/.192	2
7	59966	(000000–	) Bar, Link	2
8	59965	(000000–	) Switch Assy, Roller	1
9	42120–1	(000000–	) Bearing–Self Align 1.250 Bore	2
10	78787	(000000–	) Yoke, Pivot, Machining	2
11	55893	(000000–	) Bar, Link	2
12	54096	(000000–	) Cylinder–Hyd,2.0X 4.0Da2500Psi	2
13	55586	(000000–	) Ftg–Hyd Str Jm04/Om04	2
14	77097	(000000–	) Ftg–Hyd E90 Jm04/Om04	2
15	87677	(000000–	) Sleeve–Nyln #20 20.0L	3
16	34392	(000000–	) Ftg–Hyd Tee Jm04Jmbjm	2
17	68441	(000000–	) Ftg–Hyd E45 Jm04/Jf04	1
18	23524	(000000–	) Ring,Retain,Ex,0.50Od,Selflock	2
19	11211	(000000–	) Pin,Clevis,0.50 Dia.X 2.25 Lg	2
20	58078	(000000–	) Pin,Clevis,0.50 Dia.X 1.25 Lg	2
21	51534	(000000–	) Pin,Clevis,0.50 Dia.X 2.00 Lg	2
22	55914	(000000–	) Hub, Pivot	2
23	44906	(000000–	) Pin,Hair Cotter #Lhcot–2,Leitk	4
24	47801	(000000–	) Ftg, Grease .25–28Th Strt .663L	2

Fig. 31 – Hopper Hood and Bumper Group

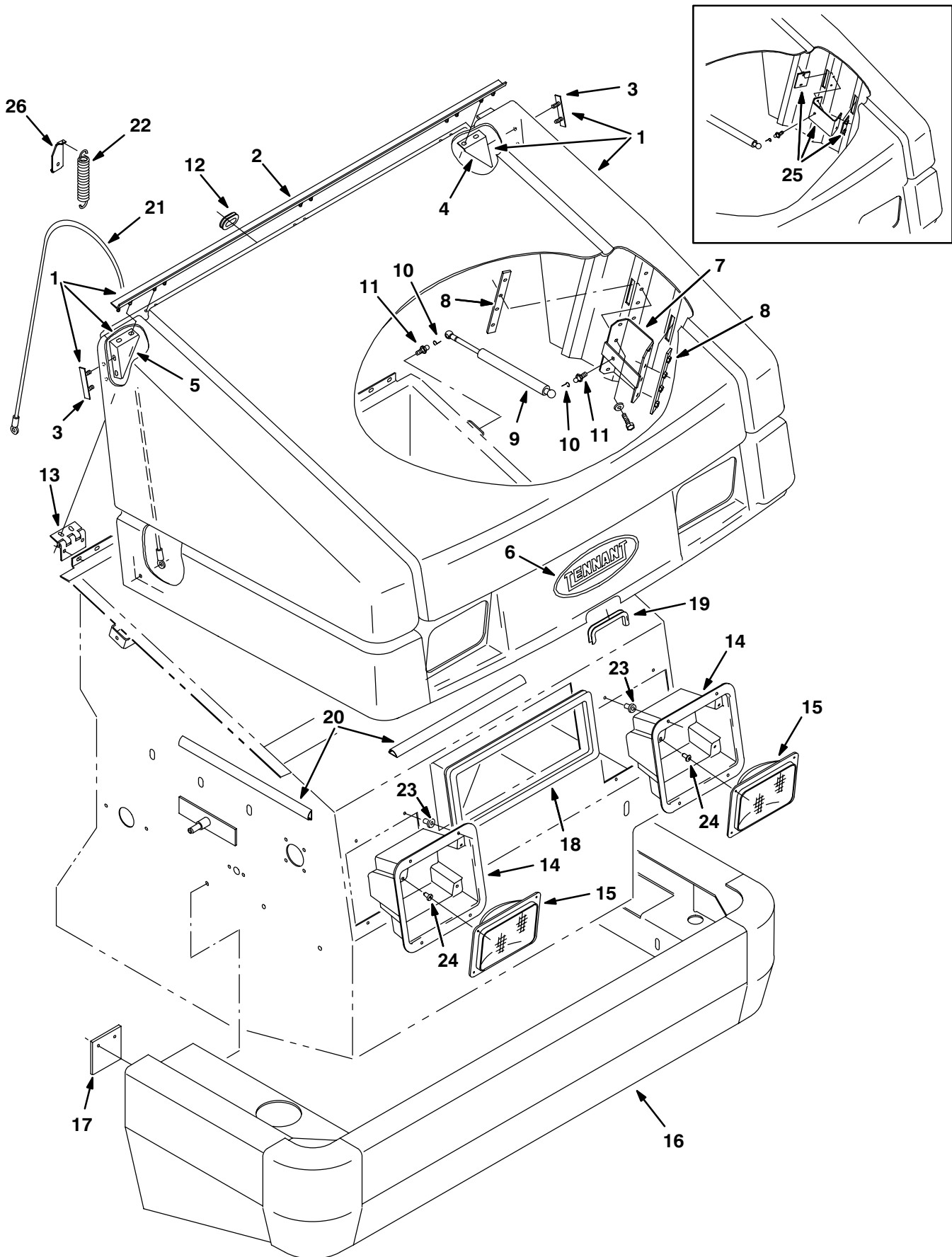


Fig. 31 – Hopper Hood and Bumper Group

	Ref.	Tennant Part No.	Machine Serial Number	Description	Qty.
▽	1	74310	(000000–	) Cover Assy, Hopper	1
▲	2	59442	(000000–	) Strip, Mtg, Hinge	1
▲	3	59738	(000000–	) Strip, Mtg, Gusset	2
▲	4	59737	(000000–	) Bracket, Gusset, Corner, Lh	1
▲	5	59739	(000000–	) Bracket, Gusset, Corner, Rh	1
	6	17200	(000000–	) Label, Tennant Logo– 10.0 Blue	1
	7	70185	(006045–	) Bracket Wldt, Hpr Cvr Sprng	2
	8	70178	(006045–	) Plate Wldt, Sprngbrkt Backing	4
	9	64535	(000000–	) Spring–Gas 120Lb 7.1 Stroke	2
	10	64595	(000000–	) Clip, Safety	2
	11	58494	(000000–	) Stud, Ball, Gas Spring	2
	12	10632–1	(000000–	) Grom.,Rbr,1.06ld,For.19Matl L	1
	13	58500	(000000–	) Hinge, Cover, Hopper	3
	14	59004	(000000–	) Housing, Headlight	2
	15	58524	(000000–	) Headlight, 12V.Rect.	2
	16	74338	(000000–	) Bumper Wldt, Front Lh	1
	17	59448	(000000–	) Skirt, Bumper Stop	2
	18	74409	(000000–	) Seal, Bulb, 50.0L	1
	19	62595–6	(000000–	) Molding, Trim 11–14Ga	1
	20	86331	(000000–	) Duct, Vinyl .40X .75X16.0 .25D	2
	21	74352	(000000–	) Cable	1
	22	74353	(000000–	) Spring	1
	23	72971	(000000–	) Rivet, Plastic .325D x .787	8
	24	72969	(000000–	) Rivet, Plastic .181D x .720	8
	25	70182	(000000–006044	) Replm Kit, Hpr Cvr Sprng Brkt	1
	26	70194	(000000–	) Bracket, Cable Spring, Lh	1

Fig. 32 – Filter Box Group

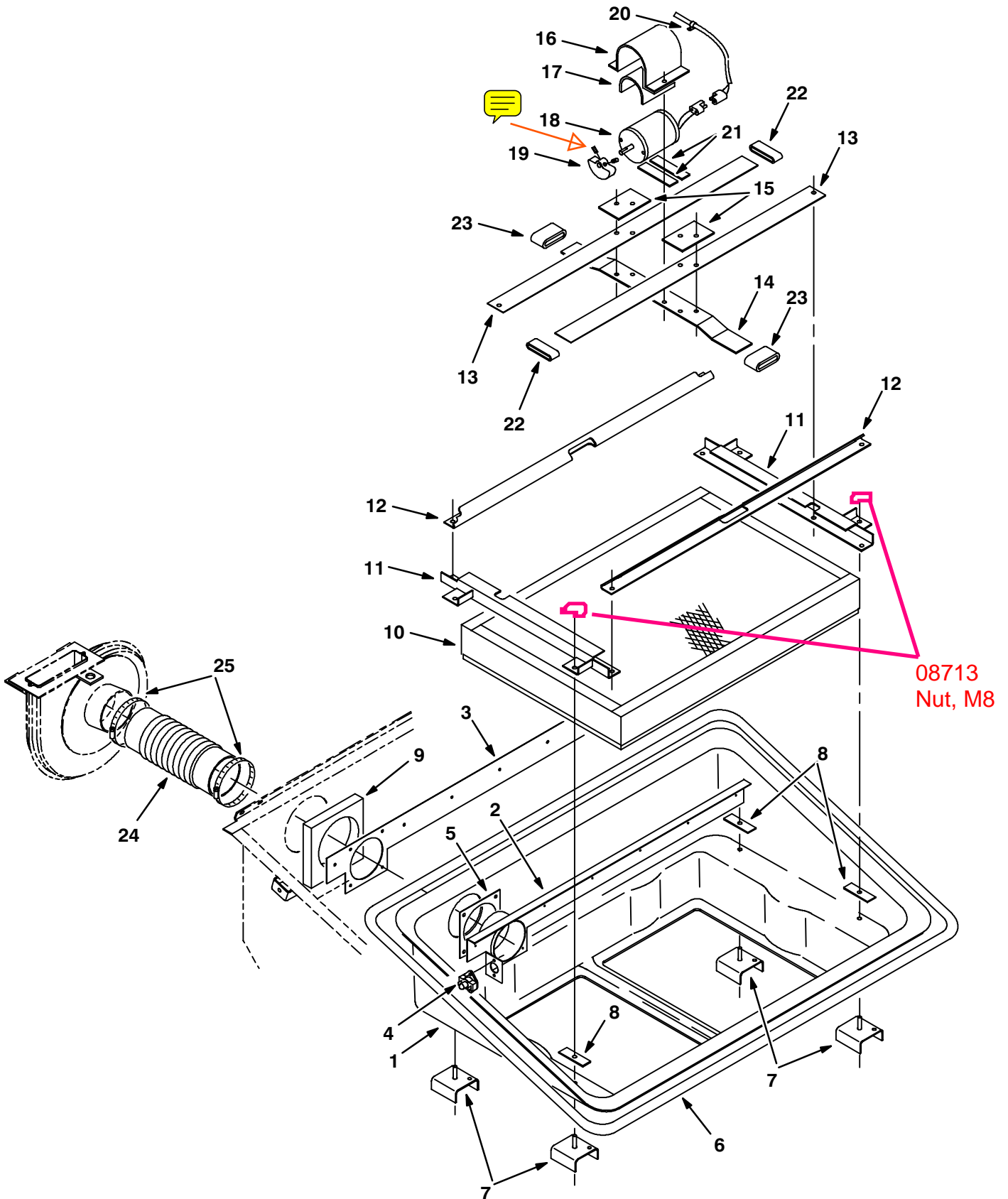




Fig. 32 – Filter Box Group

Ref.	Tennant Part No.	Machine Serial Number	Description	Qty.
1	74502	(000000–	) Tray, Filter Carrier	1
2	72324	(000000–	) Bracket Wldt	1
3	59693	(000000–	) Plate, Tray, Filter	1
4	02712	(000000–	) Thermostat Assembly, 140 Deg	1
5	59844	(000000–	) Seal, Tube, Dust	1
6	79425	(000000–	) Seal, Bulb 140.0 Lg	1
7	55916	(000000–	) Plate	4
8	56610	(000000–	) Plate	4
9	55902	(000000–	) Foam, Acoustic, Hopper	1
10	12962	(000000–	) Filter Pkg, Panel, 94 Pleats	1
11	59545	(000000–	) Bracket Wldt, Filter	2
12	53786	(000000–	) Bracket, Filter	2
13	58482	(000000–	) Spring, Shaker	2
14	58483	(000000–	) Bar, Shaker	1
15	82475	(000000–	) Bar, Spring, Shaker	2
16	36666	(000000–	) Strap, Motor, Shaker	1
17	36658	(000000–	) Bar–Flt .06T 4.00W 5.00L,Rbr	1
18	54121	(000000–	) Motor, Ele Shaker 12V	1
19	55130	(000000–	) Weight, Eccentric	1
20	46236	(000000–	) Clamp–Cable, 0.25Dia 0.56Wth	1
21	36661	(000000–	) Bar–Flt .06T 1.00W 4.00L,Rbr	2
22	36663	(000000–	) Sleeve,1.12B 1.38D1.00 Rubber	2
23	36665	(000000–	) Sleeve,1.12B 1.62D1.50 Rubber	2
24	44255	(000000–	) Hose Flex, 4.0ld X 21.5Lg	1
25	23498	(000000–	) Clamp–Wormdrive, 3.56– 4.50D	2

Fig. 33 – Hopper Lift Arms Group

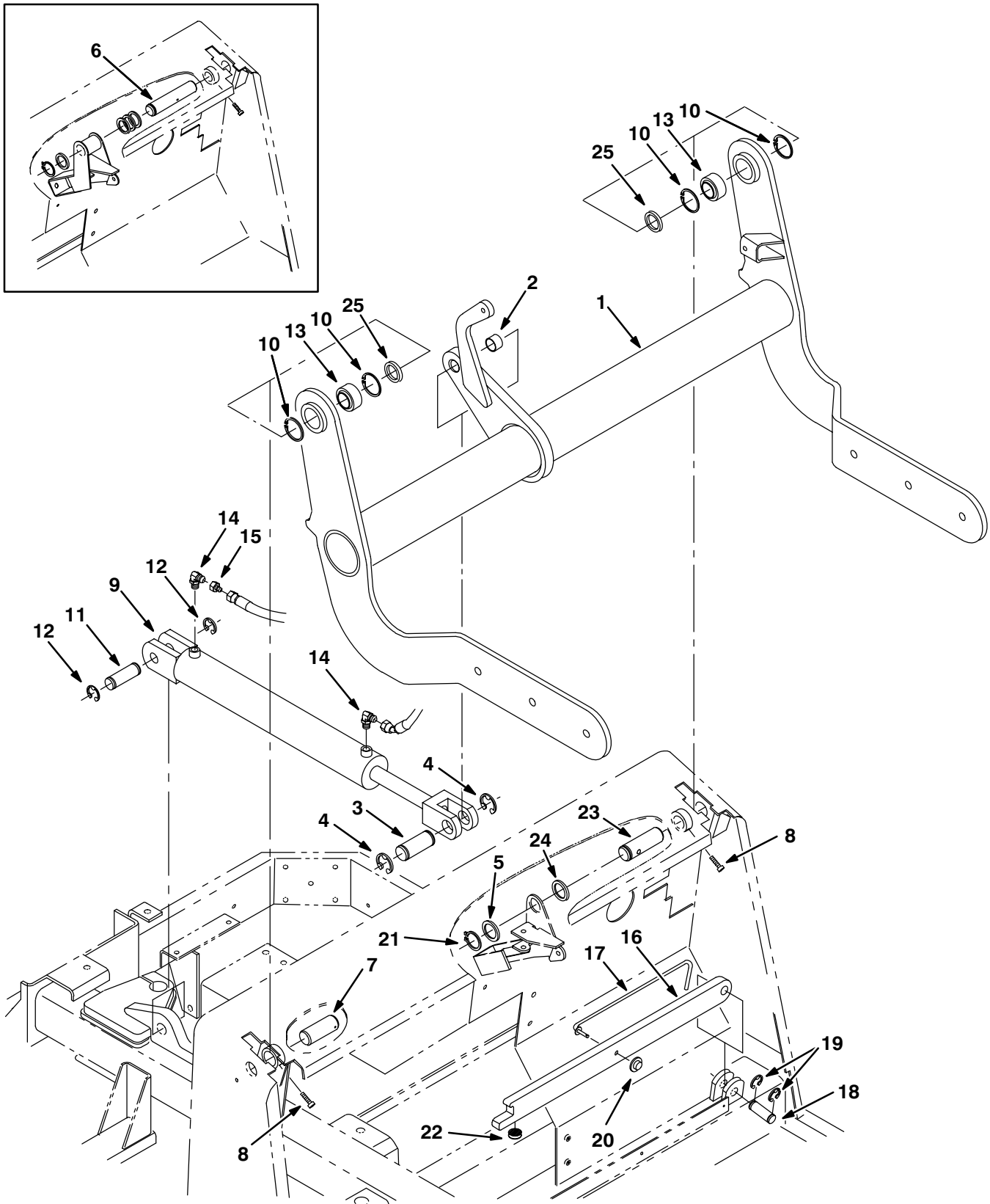


Fig. 33 – Hopper Lift Arms Group

Ref.	Tennant Part No.	Machine Serial Number	Description	Qty.
1	72527	(000000–	) Arm Assy, Hopper w/label	1
▽	69908	(000000–	) Pin Assy, Clevis, Hopper Lift	1
▲	2 59866	(000000–	) Bearing, Journal 1.25 ldx1.0Lg	1
▲	3 59867	(000000–	) Pin, Grooved	1
▲	4 59861	(000000–	) Ring, Retaining, Ext, 1.25 Dia	2
	5 54079	(000000–	) Washer, 1.281B 1.75D .08Cr Znc	1
	6 55462	(000000–006114	) Pin	1
	7 55463	(000000–	) Pin	1
	8 39308	(000000–	) Scr Soc M 8X1.25 25	2
	9 74419	(000000–	) Cylinder–Hyd (See Breakdowns)	1
	10 59542	(000000–	) Ring, Retaining, Intl, 2.00Dia	4
	11 59380	(000000–	) Pin–Grvd, 1.00D 3.0L2/ 2.71Btwn	1
	12 23788	(000000–	) Ring, Retain, Ex, 0.98Od, E–Ring	2
	13 42120–1	(000000–	) Bearing–Self Align 1.250 Bore	2
	14 77097	(000000–	) Ftg–Hyd E90 Jm04/Om04	2
	15 16455	(000000–	) Ftg–Hyd Rst Jm04/.047	1
	16 59827	(000000–	) Arm Assy, Safety w/label	1
	17 72480	(000000–	) Handle, Safety Arm	1
	18 59842	(000000–	) Pin, Arm, Safety	1
	19 59840	(000000–	) Ring, Retaining, Ext, .75 Dia	2
	20 59849	(000000–	) Nut, Retainer R/.312 Dia	1
	21 58359	(000000–	) Retaining Ring–External, 1.25D	1
	22 16786	(000000–	) Bumper, Safety Arm	1
	23 74358	(006115–	) Pin	1
	24 47719	(000000–	) Washer, 1.255B 1.75Od .12Hrs	1
	25 70272	(000000–	) Washer, 1.281B 1.75Od .31Hrznc	2
	25 70271	(000000–	) Washer, 1.281B 1.75Od .25Hrznc	2

Fig. 34 – Side Brush Motor and Pivot Group

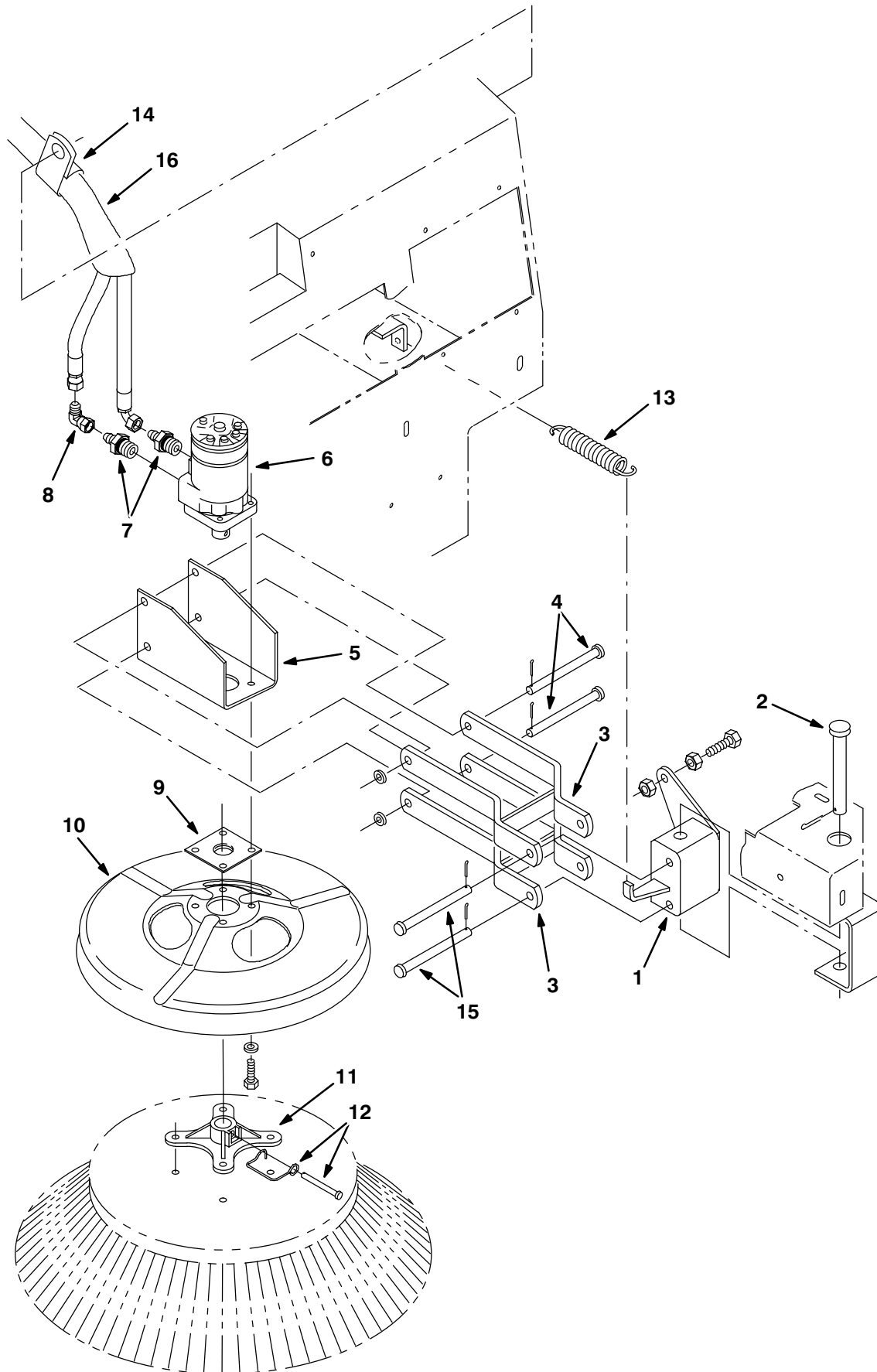
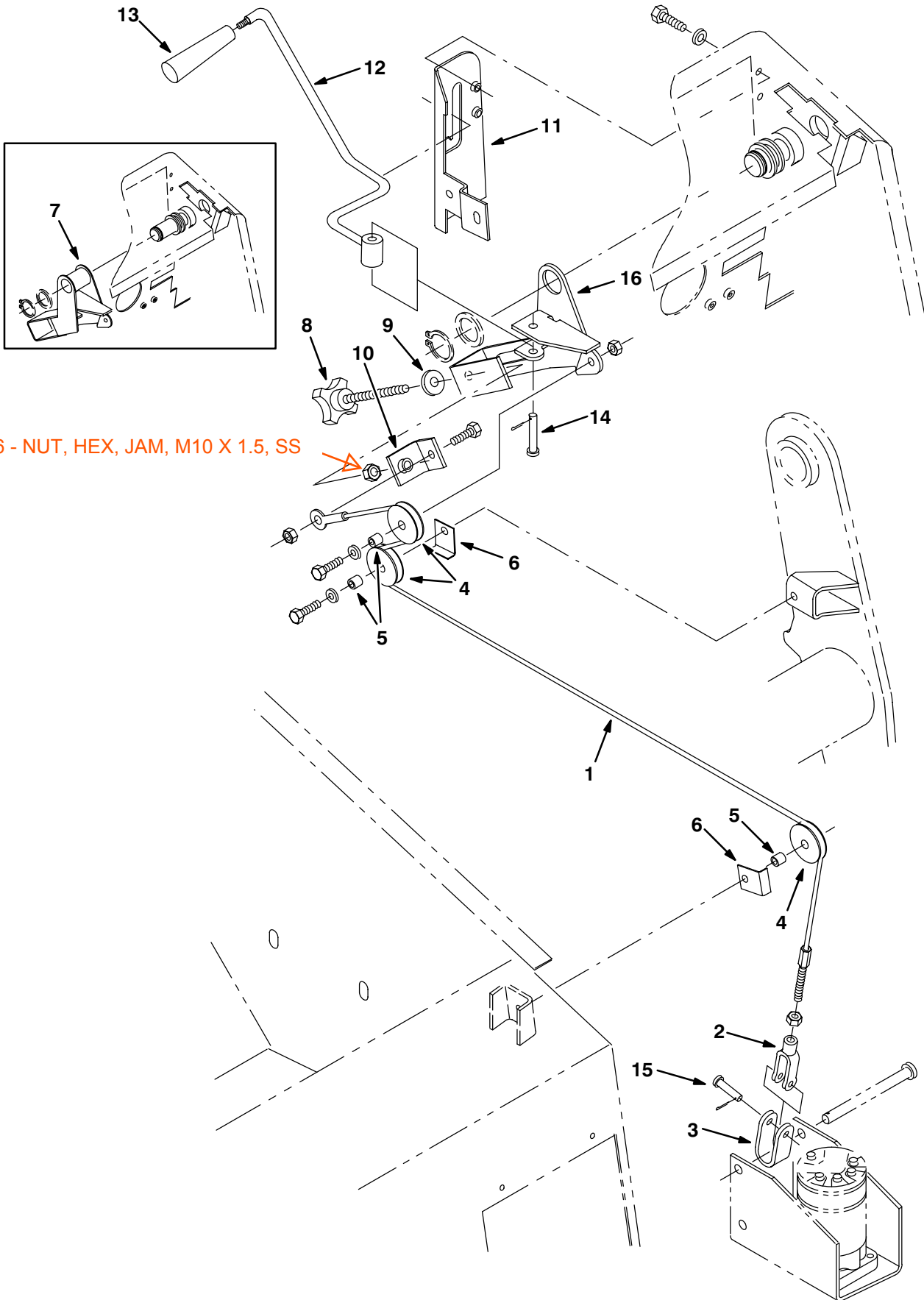


Fig. 34 – Side Brush Motor and Pivot Group

Ref.	Tennant Part No.	Machine Serial Number	Description	Qty.
1	72424	(000000–	) Pivot Assy, S Br	1
2	54660	(000000–	) Pin, Clevis .75 Dia X 5.5 Lg	1
3	72427	(000000–	) Arm Assy, Lift	2
4	51225	(000000–	) Pin,Clevis,0.50 Dia.X 5.50 Lg	2
5	72428	(000000–	) Bracket, Motor	1
6	53435	(000000–	) Motor–Hyd Gear (See Breakdowns)	1
7	47508	(000000–	) Ftg–Hyd Str Jm06/Om10	2
8	47504	(000000–	) Ftg–Hyd E90 Jm06/Jf06	1
9	16082	(000000–	) Guard, String, Brush Motor	1
10	53984	(000000–	) Guard, Brush	1
11	47501	(000000–	) Hub, Brush Adaptor, 1.00B	1
12	84581	(000000–	) Pin Assy, Side Brush W/Clip	1
13	47745	(000000–	) Sprng,Tens,1.12Odx.14Wire 6.3L	1
14	53466	(000000–	) Clamp, Hose	2
15	51538	(000000–	) Pin,Clevis,0.50 Dia.X 5.00 Lg	2
16	75028	(000000–	) Sleeve–Nyln #20 65.0L	1

Fig. 35 – Side Brush Lift Group



32716 - NUT, HEX, JAM, M10 X 1.5, SS

Fig. 35 – Side Brush Lift Group

Ref.	Tennant Part No.	Machine Serial Number	Description	Qty.
1	54934	(000000–	) Cable, Lift, S Br	1
2	12267	(000000–	) Yoke,End–Adjustable	1
3	59899	(000000–	) Bracket, Side Brush	1
4	74391	(000000–	) Pulley Assy – Cable, 1.5 Dia	3
5	56624	(000000–	) Spacer, Pulley	3
6	54400	(000000–	) Angle, Cable Keeper	2
7	22178	(000000–006114	) Repl. Kit, S Br Pivot, LH	1
8	54848	(000000–	) Knob, Adjusting	1
9	52296	(000000–	) Washer, .405B .81D .06Nylon	1
10	56662	(000000–	) Bracket	1
11	72479	(000000–	) Panel, Support	1
12	72431	(000000–	) Lever Wldt, S Br	1
13	54995	(000000–	) Knob, Tapered	1
14	29584	(000000–	) Pin,Clevis,0.37 Dia.X 2.00 Lg	1
15	29558	(000000–	) Pin,Clevis,0.37 Dia.X 1.50 Lg	1
16	32271	(006115–	) Bracket Wldt, S Br, LH Drive	1

Fig. 36 – Main Brush Lift Group

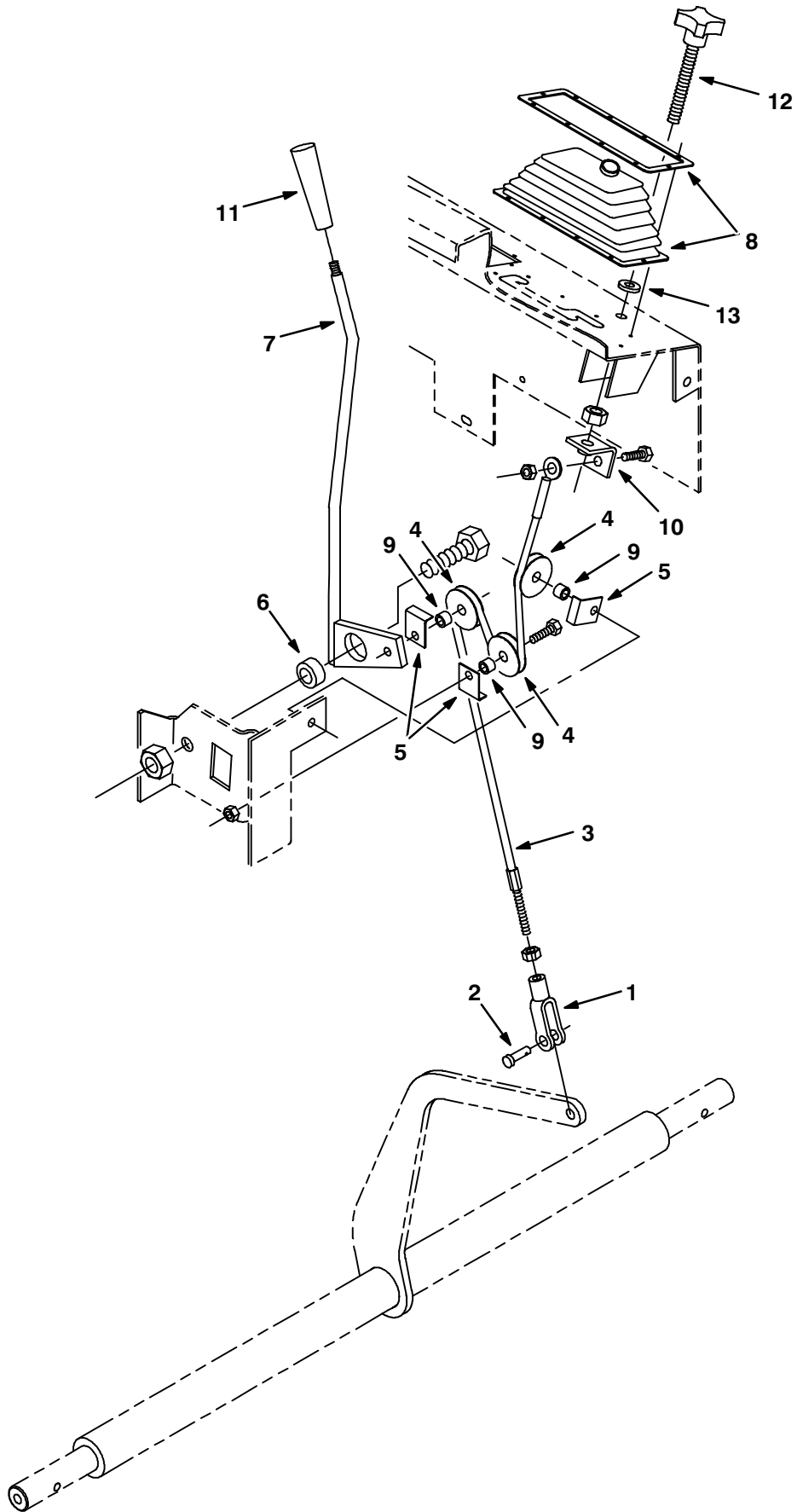




Fig. 36 – Main Brush Lift Group

Ref.	Tennant Part No.	Machine Serial Number	Description	Qty.
1	12267	(000000–	) Yoke,End–Adjustable	1
2	86240	(000000–	) Pin Clevis .375 Dia X 1.13 Lg	1
3	54840	(000000–	) Cable, Lift, M Br	1
4	74391	(000000–	) Pulley Assy – Cable, 1.5 Dia	3
5	54400	(000000–	) Angle, Cable Keeper	3
6	54663	(000000–	) Bearing, Self Aligning	1
7	72459	(000000–	) Lever Wldt, M Br	1
8	69903	(000000–	) Bellows Assy, Brush Lift	1
9	56624	(000000–	) Spacer, Pulley	3
10	56662	(000000–	) Bracket	1
11	54995	(000000–	) Knob, Tapered	1
12	54848	(000000–	) Knob, Adjusting	1
13	52296	(000000–	) Washer, .405B .81D .06Nylon	1

Fig. 37 – Main Brush Drive Group

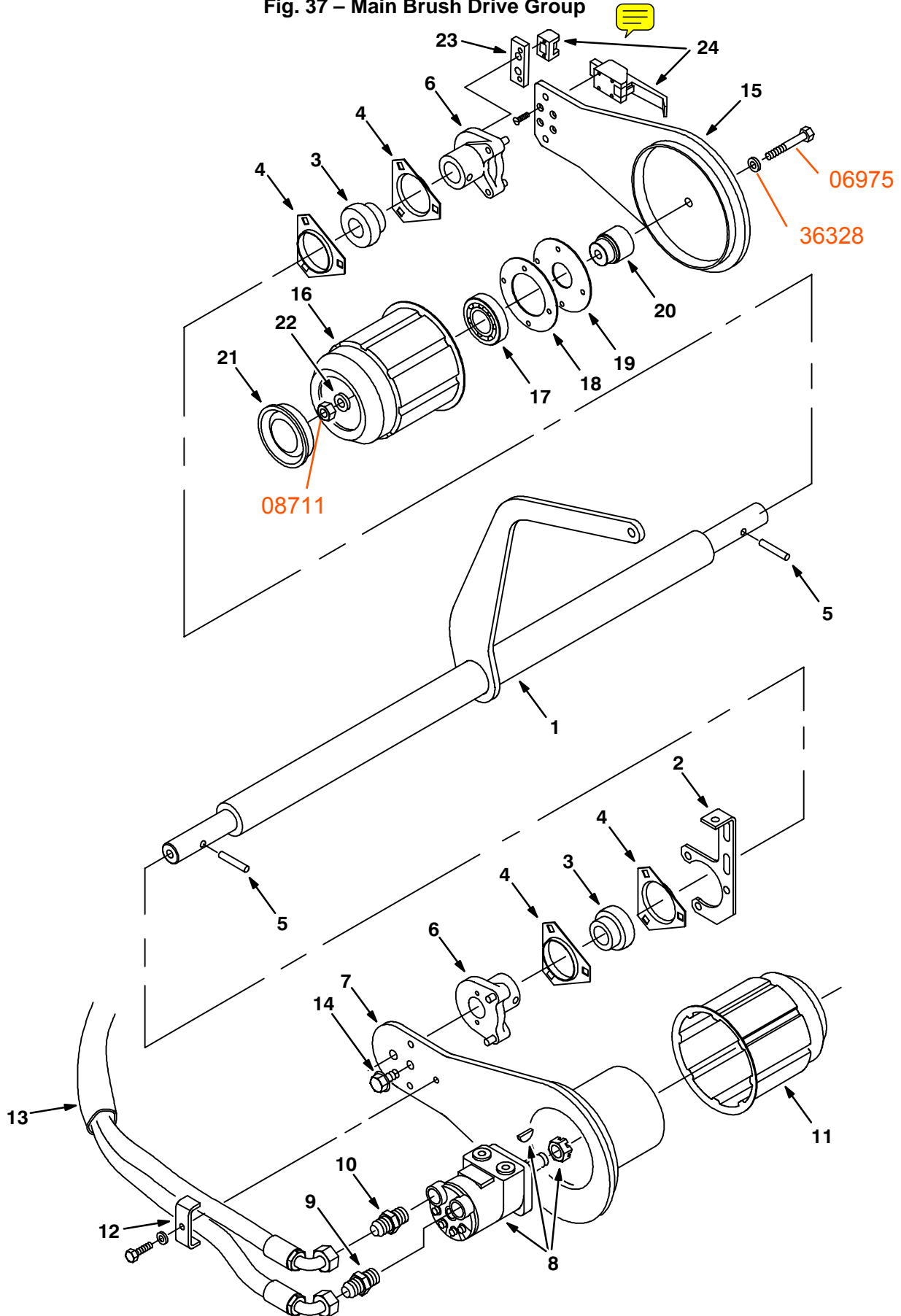
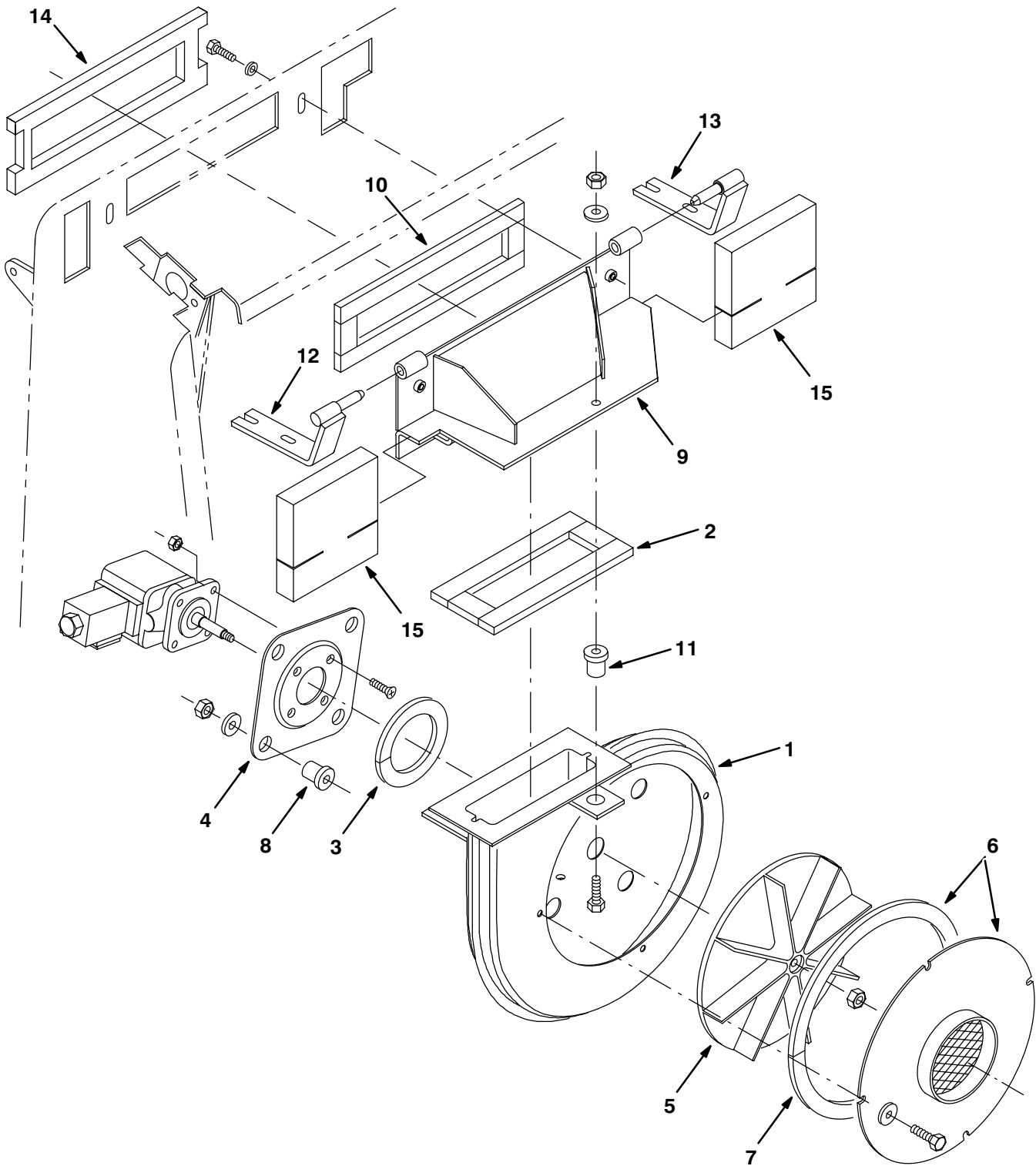


Fig. 37 – Main Brush Drive Group

Ref.	Tennant Part No.	Machine Serial Number	Description	Qty.
1	72457	(000000–	) Shaft Wldt, Brush	1
2	72458	(000000–	) Plate, Mtg, Main Brush Shaft	1
3	51448	(000000–	) Bearing&Clr ,1.25B 2.44D 1.41W	2
4	51449	(000000–	) Flange,Brg,3 Hole	4
5	51317	(000000–	) Pin,Roll,.38Odx2.00L,.375/.382	2
6	54680	(000000–	) Hub Assy, Brush Arm	2
7	13156	(000000–	) Arm Wldt, Brush	1
8	53434	(000000–005839	) Motor–Hyd Gear (See Breakdowns)	1
8	74468	(005840–	) Motor–Hyd Gear (See Breakdowns)	1
9	44869	(000000–	) Ftg–Hyd Str Jm08/Om08	1
10	52402	(000000–	) Ftg–Hyd Str Jm06/Om08	1
11	87631	(000000–	) Plug Weld, Brush Drive, Sweep	1
12	51715	(000000–	) Clamp, Hose	1
13	82831	(000000–	) Sleeve–Nyln #24 35.0L	1
14	53985	(000000–	) Plug, Thread 1/2–13	1
15	54659	(000000–	) Arm Wldt, Idler, W/Brush	1
16	55779	(000000–	) Plug Wldt, Idler	1
17	24899	(000000–	) Bearing–Ball,1.38B 2.83D 0.67W	1
18	30252	(000000–	) Strip, Retainer, Bearing	1
19	30253	(000000–	) Plate, Seal	1
20	30251	(000000–	) Shaft, Idler	1
21	30255	(000000–	) Plug, Tube	1
22	51564	(000000–	) Washer, .531B 1.75D .12Cr.Znc	1
23	54204	(000000–	) Plate, Mtg, Latch	1
24	54878	(000000–	) Latch	1

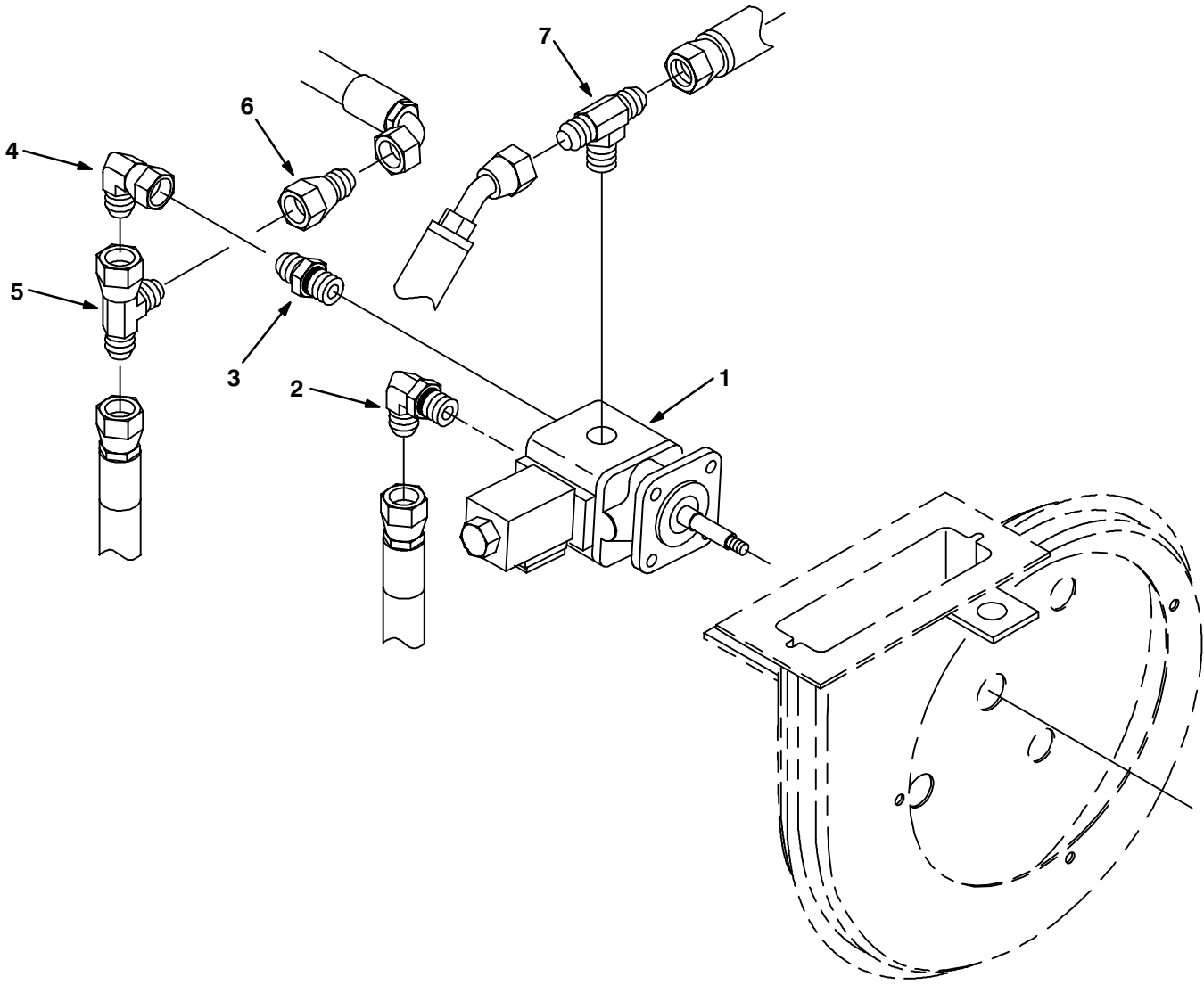
Fig. 38 – Vacuum Fan Group



**Fig. 38 – Vacuum Fan Group**

<b>Ref.</b>	<b>Tennant Part No.</b>	<b>Machine Serial Number</b>	<b>Description</b>	<b>Qty.</b>
1	72322	(000000–	) Fan Wldt, Vac	1
2	59734	(000000–	) Seal, Fan, Vac, Outlet	1
3	59967	(000000–	) Seal, Fan, Vac, Motor	1
4	54275A	(000000–	) Bracket, Mounting Motor	1
5	74454	(000000–	) Impeller 9.00 Dia.	1
▽ 6	59656	(000000–	) Fan Wldt, Vac, Inlet w/gasket	1
▲ 7	59735	(000000–	) Seal, Fan, Vac, Inlet	1
8	54274	(000000–	) Isolator–Vibration,60 Lb.Ratng	4
9	72388	(000000–	) Fan Wldt, Vac, Transition	1
10	59014	(000000–	) Seal, Fan, Vac, Transition	1
11	59649	(000000–	) Isolator, Vibration .37 Dia	1
12	374504	(000000–	) Hinge Wldt, Engine Cover, Rh	1
13	374505	(000000–	) Hinge Wldt, Engine Cover, Lh	1
14	69990	(000000–	) Insulation, Acoustic, Engine Cover	1
15	66184	(000000–	) Seal, Acoustic, Engine Cover	2

**Fig. 39 – Vacuum Fan Motor and Fittings Group**



08813/08192

Ref.	Tennant Part No.	Machine Serial Number	Description	Qty.
1	72345	(000000–	) Motor–Hyd Gear Ex (See Breakdowns)	1
2	44868	(000000–	) Ftg–Hyd E90 Jm08/Om08	1
3	62390	(000000–	) Ftg–Hyd Str Jm12/Om08	1
4	35033	(000000–	) Ftg–Hyd E90 Jm12/Jf12	1
5	40514	(000000–	) Ftg–Hyd Tee Jm12Jmjf	1
6	59975	(000000–	) Ftg–Hyd Str Jm10/Jf12	1
7	31599	(000000–	) Ftg–Hyd Tee Jm04Omjm	1

Fig. 40 – Hydraulic Schematic

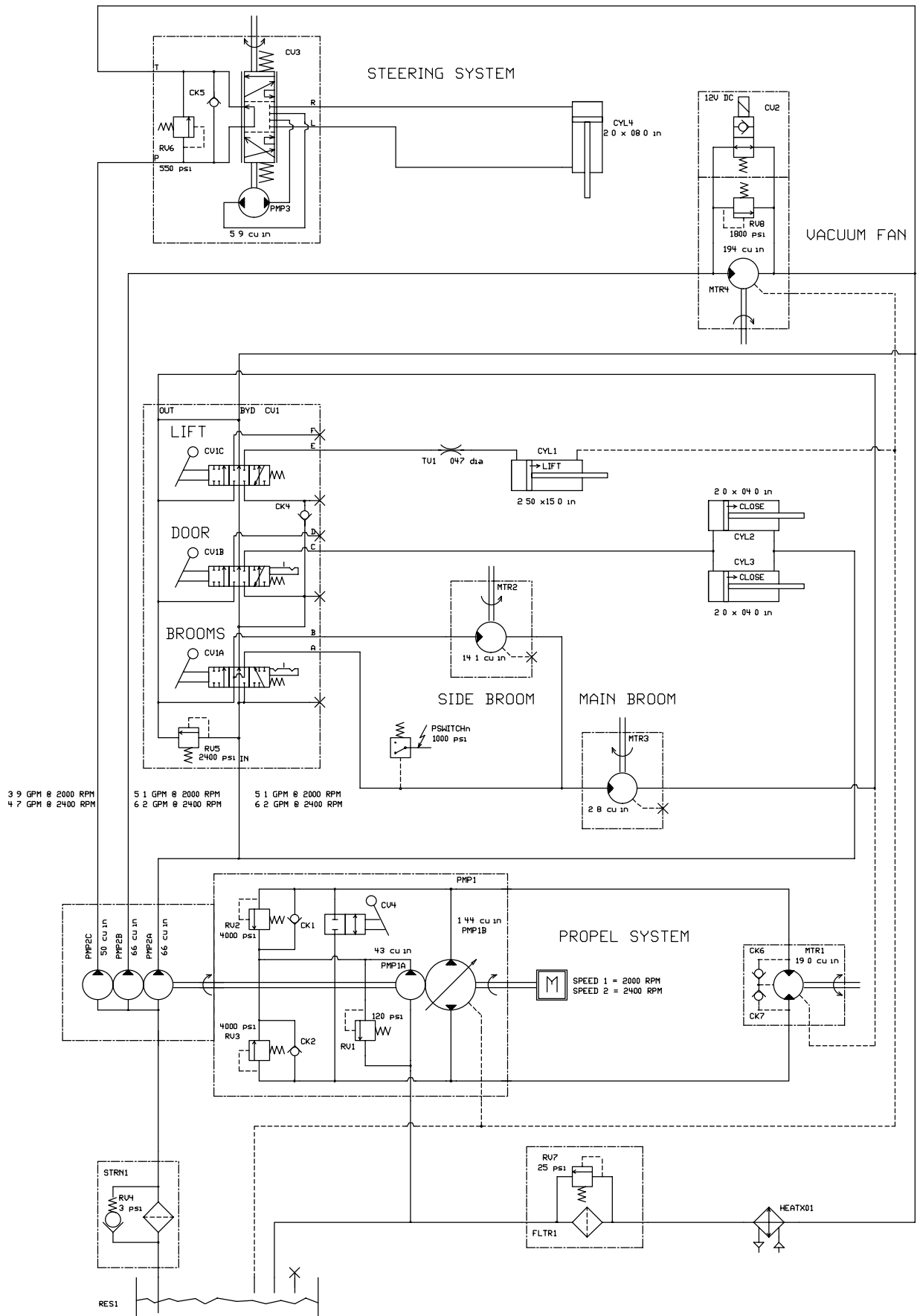


Fig. 41 – Hydraulic Hose Group

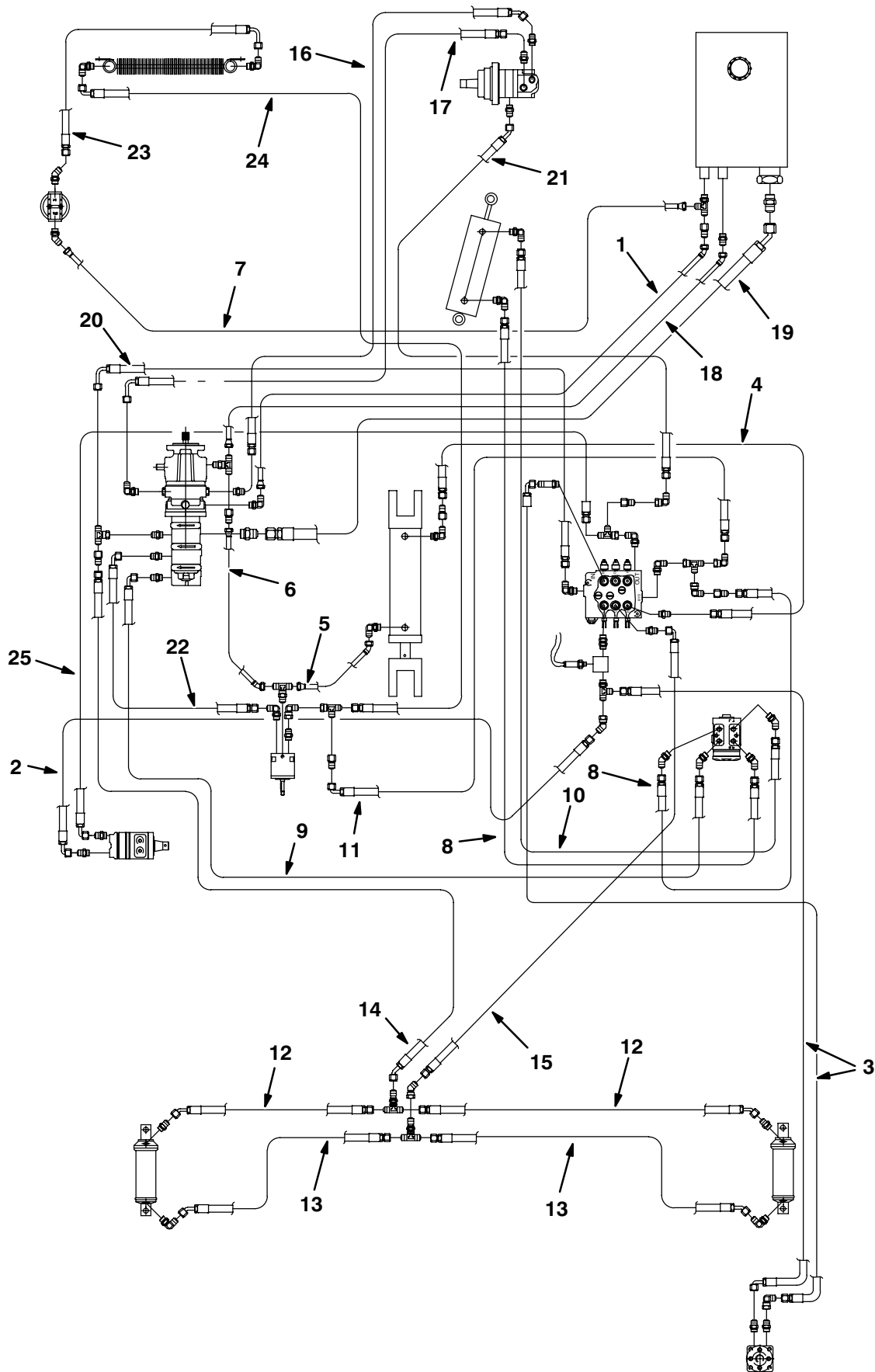




Fig. 41 – Hydraulic Hose Group

Ref.	Tennant Part No.	Machine Serial Number	Description	Qty.
1	59568	(000000– )	Hose–Hyd Low08 Jf/J4	1
2	59560	(000000– )	Hose–Hyd Med06 Jf/J9	1
3	02469	(000000– )	Hose–Hyd Med06 Jf/J9	2
4	55691	(000000– )	Hose–Hyd Med04 Jf/Jf	1
5	59565	(000000– )	Hose–Hyd Low04 Jf/J4	1
6	59564	(000000– )	Hose–Hyd Low04 Jf/J4	1
7	05478	(000000– )	Hose–Hyd Low12 Jf/Jf	1
8	62100	(000000– )	Hose–Hyd Med06 Jf/Jf	2
9	59561	(000000– )	Hose–Hyd Med06 Jf/J9	1
10	62337	(000000– )	Hose–Hyd Med06 Jf/Jf	1
11	74407	(000000– )	Hose–Hyd Med10 Jf/J9	1
12	57173	(000000– )	Hose–Hyd Med04 Jf/J4	2
13	19644	(000000– )	Hose–Hyd Med04 Jf/J4	2
14	59581	(000000– )	Hose–Hyd Med04 Jf/J4	1
15	59582	(000000– )	Hose–Hyd Med04 Jf/J9	1
16	59574	(000000– )	Hose–Hyd Med10 Jf/J4	1
17	59575	(000000– )	Hose–Hyd Med10 Jf/J19	1
18	59573	(000000– )	Hose–Hyd Low06 Jf/J4	1
19	59572	(000000– )	Hose–Hyd Suc20 Jf/J4	1
20	59576	(000000– )	Hose–Hyd Med08 Jf/J19	1
21	59584	(000000– )	Hose–Hyd Med04 Jf/J4	1
22	59578	(000000– )	Hose–Hyd Med08 Jf/J9	1
23	59303	(000000– )	Hose–Hyd Med12 Jf/J19	1
24	31719	(000000– )	Hose–Hyd Med12 Jf/J9	1
25	57487	(000000– )	Hose–Hyd Med08 Jf/J9	1

Fig. 42 – Hydraulic Reservoir Group

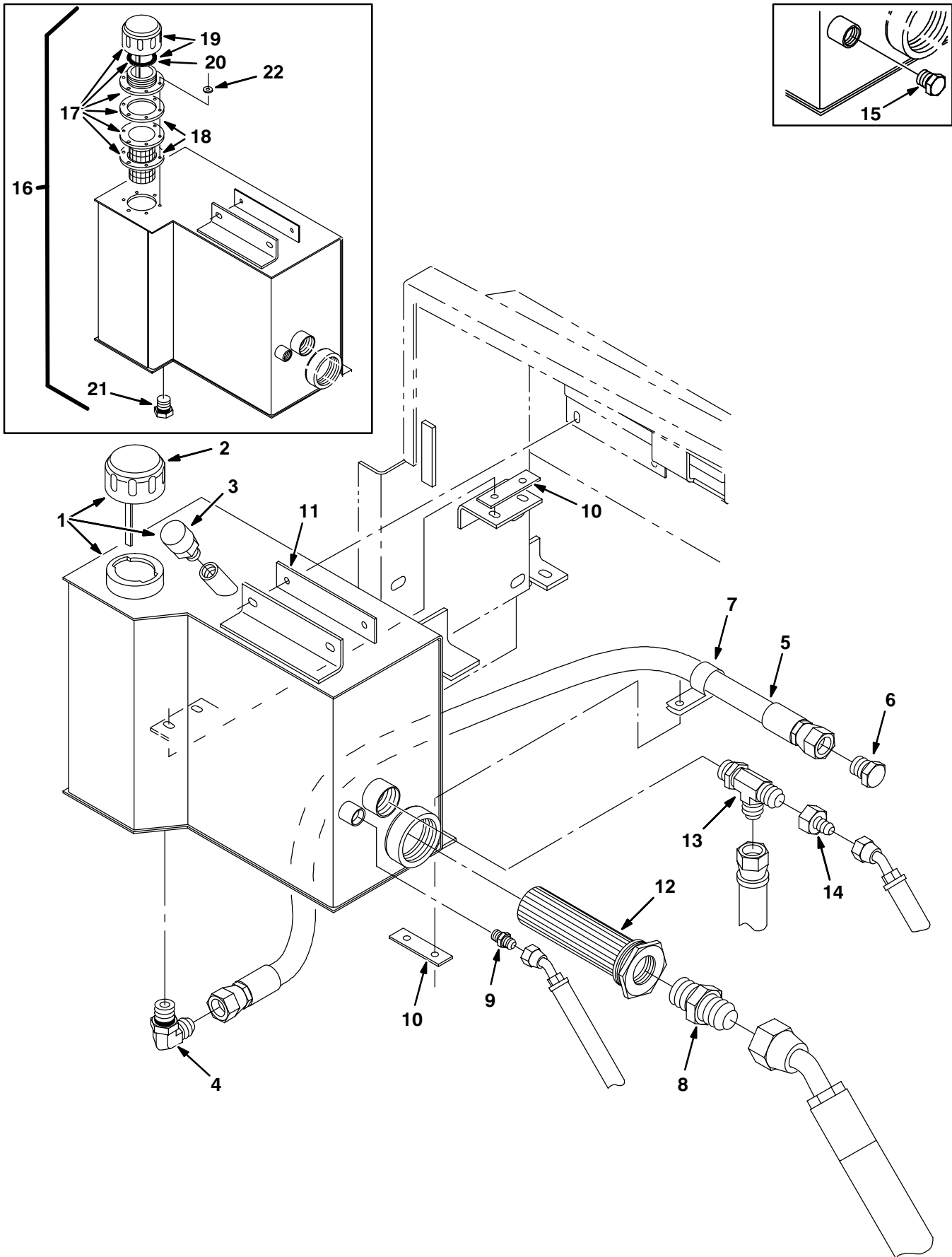


Fig. 42 – Hydraulic Reservoir Group

	Ref.	Tennant Part No.	Machine Serial Number	Description	Qty.
▽	1	23277	(006705– )	Reservoir, 6.5 Gal W/label, Eng	1
▲	2	23163	(006705– )	Cap, Hyd Reservoir W/dipstick	1
▲	3	23182	(006705– )	Breather, Hyd, 20 Micron	1
	4	56821	( xxxxxx– )	Ftg–Hyd E90 Jm08/Om10	1
	5	13115	( xxxxxx– )	Hose–Hyd Low08 Jf/Jf	1
	6	16376	( xxxxxx– )	Ftg–Hyd Plg Jm08	1
	7	53466	( xxxxxx– )	Clamp–Cable, 1.50d 1.00w Stl	1
	8	58858	(000000– )	Ftg–Hyd Str Jm20/Om20	1
	9	56690	(000000– )	Ftg–Hyd Str Jm06/Om06	1
	10	59789	(000000– )	Pad, Tank, Hyd	4
	11	59790	(000000– )	Pad, Tank, Hyd	1
	12	31613	(000000– )	Strainer–Hyd Suction 25–100–03	1
	13	42216	(000000– )	Ftg–Hyd Tee Jm12Jmom	1
	14	78143	(000000– )	Ftg–Hyd Str Jm08/Jf12	1
	15	46482	(000000–xxxxxx )	Ftg–Hyd Plg Om06	1
▽	16	72309	(000000–006704 )	Tank Wldt. (Repl. By 23277)	1
▲▽	17	61408	(000000–006704 )	Breather, Hyd	1
▲▲	18	61288	(000000–006704 )	Gasket, Hyd Tank Breathe	2
▲▲	19	79040	(000000–006704 )	Breather, Hyd Cap (Includes Gasket)	1
▲▲	20	70006	(000000–006704 )	Gasket, Cap	1
▲	21	40362	(000000–006704 )	Ftg–Hyd Plg Om10	1
▲	22	70246	(000000–006704 )	Washer, .188B .375D .030Nylon	6

**Fig. 43 – Hydraulic Valve Group**

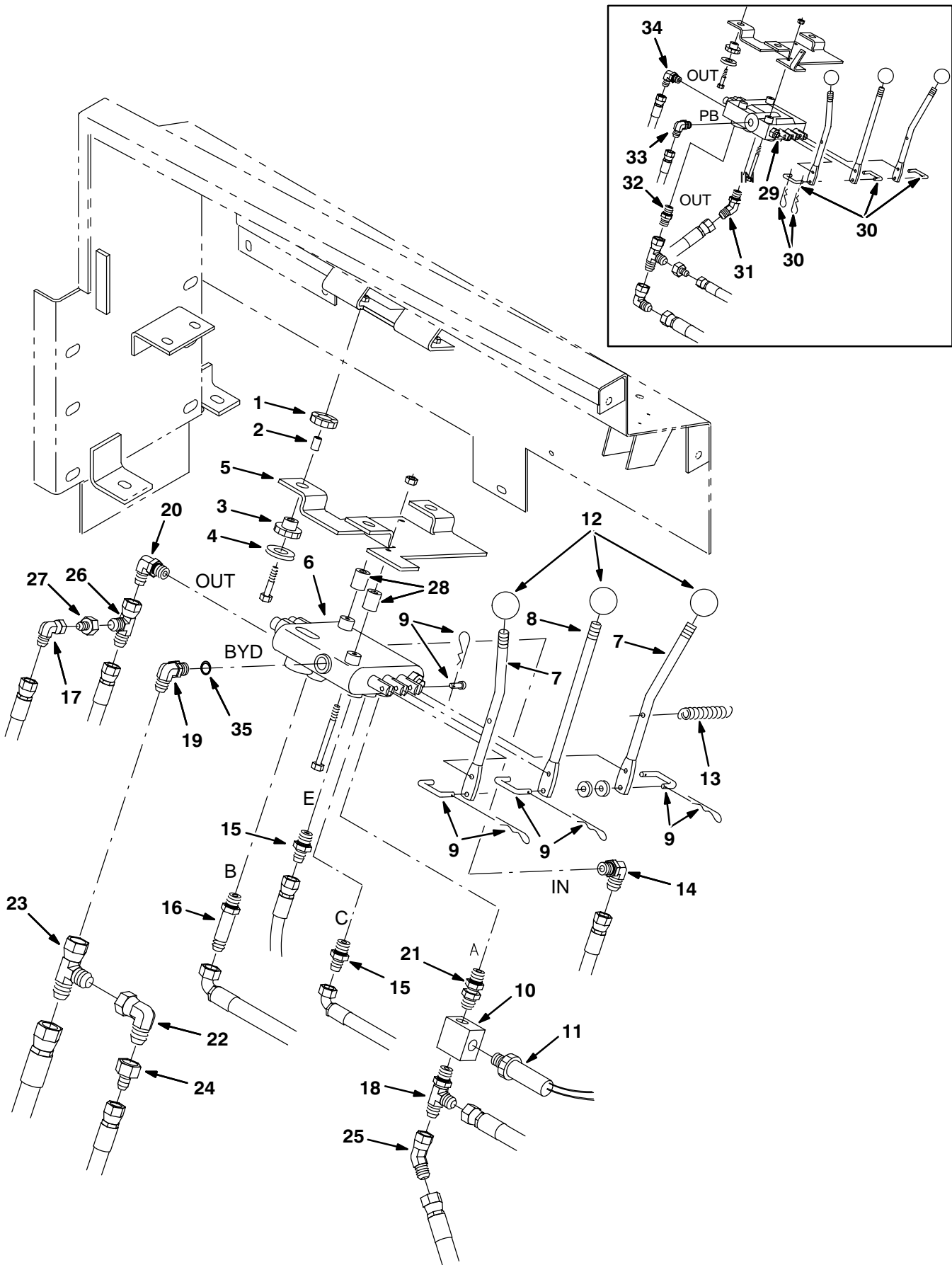
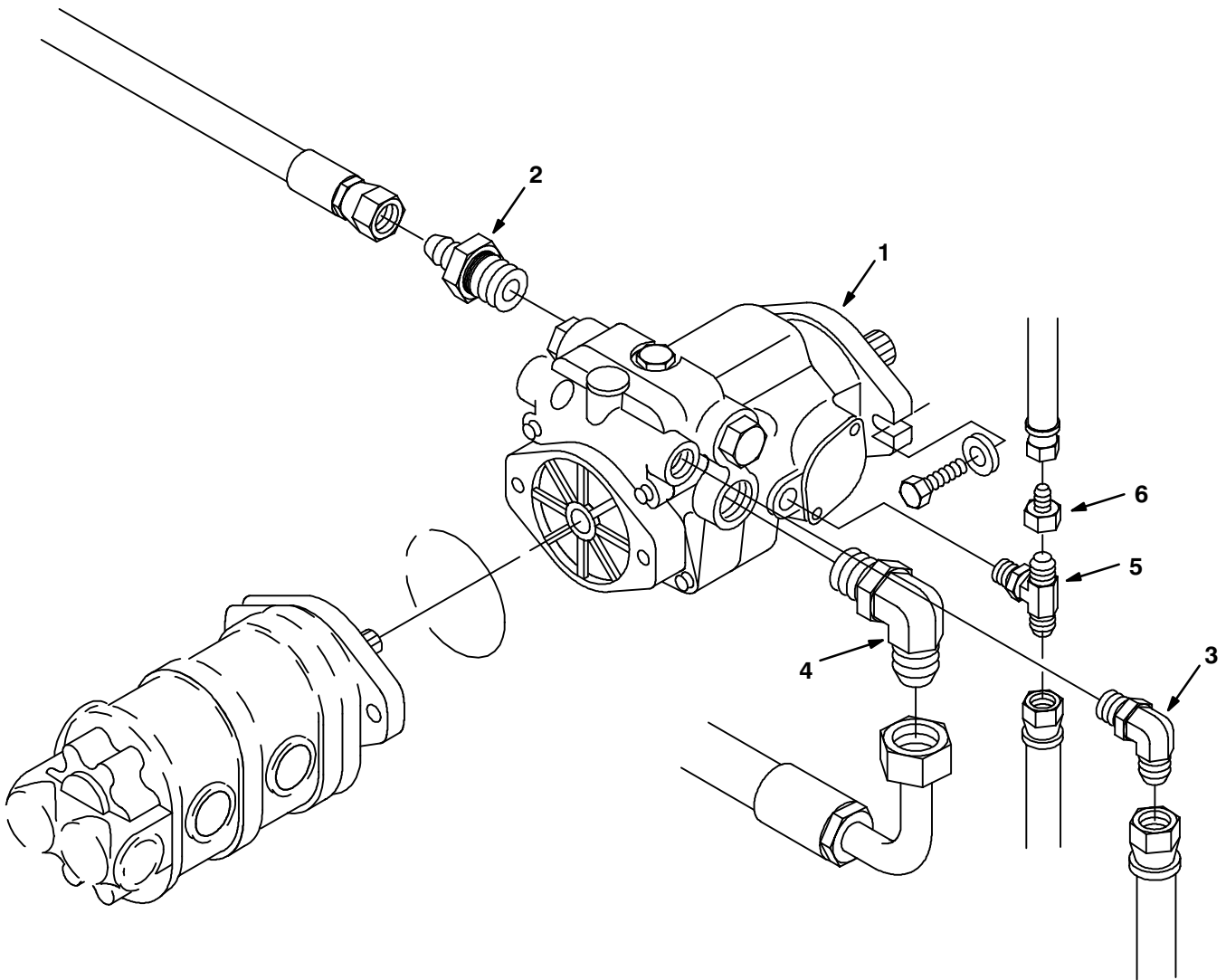


Fig. 43 – Hydraulic Valve Group

Ref.	Tennant Part No.	Machine Serial Number	Description	Qty.
▽	69910	(000000– )	Isolator Assy, Valve	1
▲	1 62172	(000000– )	Ring	3
▲	2 64905	(000000– )	Sleeve, .259B .38D .62 Dom	3
▲	3 62173	(000000– )	Bushing, Isolator–Inner,Rbr.	3
▲	4 30013	(000000– )	Washer–Flt .31 Fender Pltd	3
	5 72472	(000000– )	Bracket, Mtg, Valve	1
	6 48751	(006329– )	Valve–Hyd,Manual (See Breakdowns)	1
	7 54115	(000000– )	Handle, Control Valve	2
	8 54102	(000000– )	Handle, Control Valve	1
	9 48760	(006329– )	Link Assy, Valve Handle	3
	10 59021	(000000– )	Ftg–Hyd Tee Special Of06Of0f	1
	11 56277	(000000– )	Switch Assy, Pressure, Hyd	1
	12 59530	(000000– )	Knob, 1.375 Dia, Black	3
	13 59870	(000000– )	Spring,Tens, .50Dx.05Wire 2.5L	1
	14 44868	(006329– )	Ftg–Hyd E90 Jm08/Om08	1
	15 55685	(000000– )	Ftg–Hyd Str Jm04/Om06	2
	16 59577	(000000– )	Ftg–Hyd Str Jm06Om06L	1
	17 39210	(006329– )	Ftg–Hyd E90 Jm04/Jf04	1
	18 76316	(000000– )	Ftg–Hyd Tee Jm06Jmom	1
	19 56827	(006329– )	Ftg–Hyd E90 Jm10/Om08	1
	20 44868	(006329– )	Ftg–Hyd E90 Jm08/Om08	1
	21 59022	(000000– )	Ftg–Hyd Str Special Om06/Om06	1
	22 54194	(000000– )	Ftg–Hyd E90 Jm10/Jf10	1
	23 51779	(000000– )	Ftg–Hyd Tee Jm10Jmjf	1
	24 47754	(000000– )	Ftg–Hyd Str Jm06/Jf10	1
	25 16472	(000000– )	Ftg–Hyd E45 Jm06/Jf06	1
	26 45482	(006329– )	Ftg–Hyd Tee Jm08Jmjf	1
	27 57979	(006329– )	Ftg–Hyd Str Jm04/Jf08	1
	28 09900–1	(006329– )	Sleeve, .260B .50D .75	2
	29 53830	(000000–006328 )	Valve–Hyd,Manual (Repl. By 48761) (See Breakdowns)	1
	30 69911	(000000–006328 )	Link Assy, Valve Handle	3
	31 42226	(000000–006328 )	Ftg–Hyd E45 Jm08/Om08	1
	32 55685	(000000–006328 )	Ftg–Hyd Str Jm04/Om06	1
	33 47638	(000000–006328 )	Ftg–Hyd E90 Jm04/Om06	1
	34 42213	(000000–006328 )	Ftg–Hyd E90 Jm08/Om06	1
	35 84624	(006329– )	Seal, Oring .103 x .612ld	1

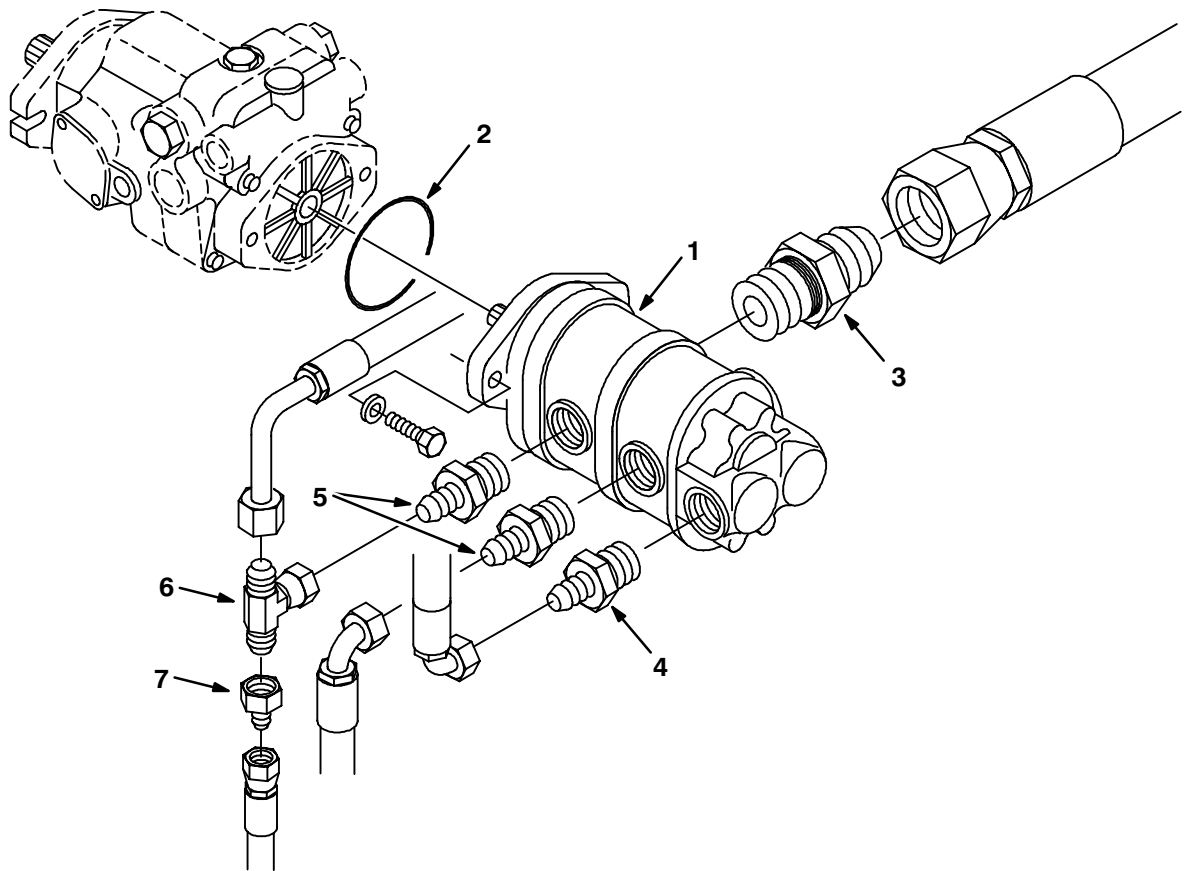
**Fig. 44 – Hydraulic Propelling Pump Group**



08819/08196

Ref.	Tennant Part No.	Machine Serial Number	Description	Qty.
1	53604	(000000–005770 )	Pump–Hyd Piston (See Breakdowns) (Repl. by 70134)	1
1	74466	(005771–006071 )	Pump–Hyd Piston (See Breakdowns) (Repl. by 70180)	1
1	79769	(006072– )	Pump–Hyd Piston (See Breakdowns)	1
2	42223	(000000– )	Ftg–Hyd Str Jm10/Om12	1
3	44868	(000000– )	Ftg–Hyd E90 Jm08/Om08	1
4	53076	(000000– )	Ftg–Hyd E90 Jm10/Om12	1
5	67683	(000000– )	Ftg–Hyd Tee Jm06Omjm	1
6	47752	(000000– )	Ftg–Hyd Str Jm04/Jf06	1

**Fig. 45 – Hydraulic Accessory Pump Group**



08820/08197

Ref.	Tennant Part No.	Machine Serial Number	Description	Qty.
1	53622	(000000– )	Pump–Hyd Gear (See Breakdowns)	1
2	65145–1	(000000– )	O–Ring Gland	1
3	58858	(000000– )	Ftg–Hyd Str Jm20/Om20	1
4	47508	(000000– )	Ftg–Hyd Str Jm06/Om10	1
5	56692	(000000– )	Ftg–Hyd Str Jm08/Om10	2
6	76315	(000000– )	Ftg–Hyd Tee Jm08/Jfjm	1
7	57979	(000000– )	Ftg–Hyd Str Jm04/Jf08	1

Fig. 46 – Pressure Switch Group

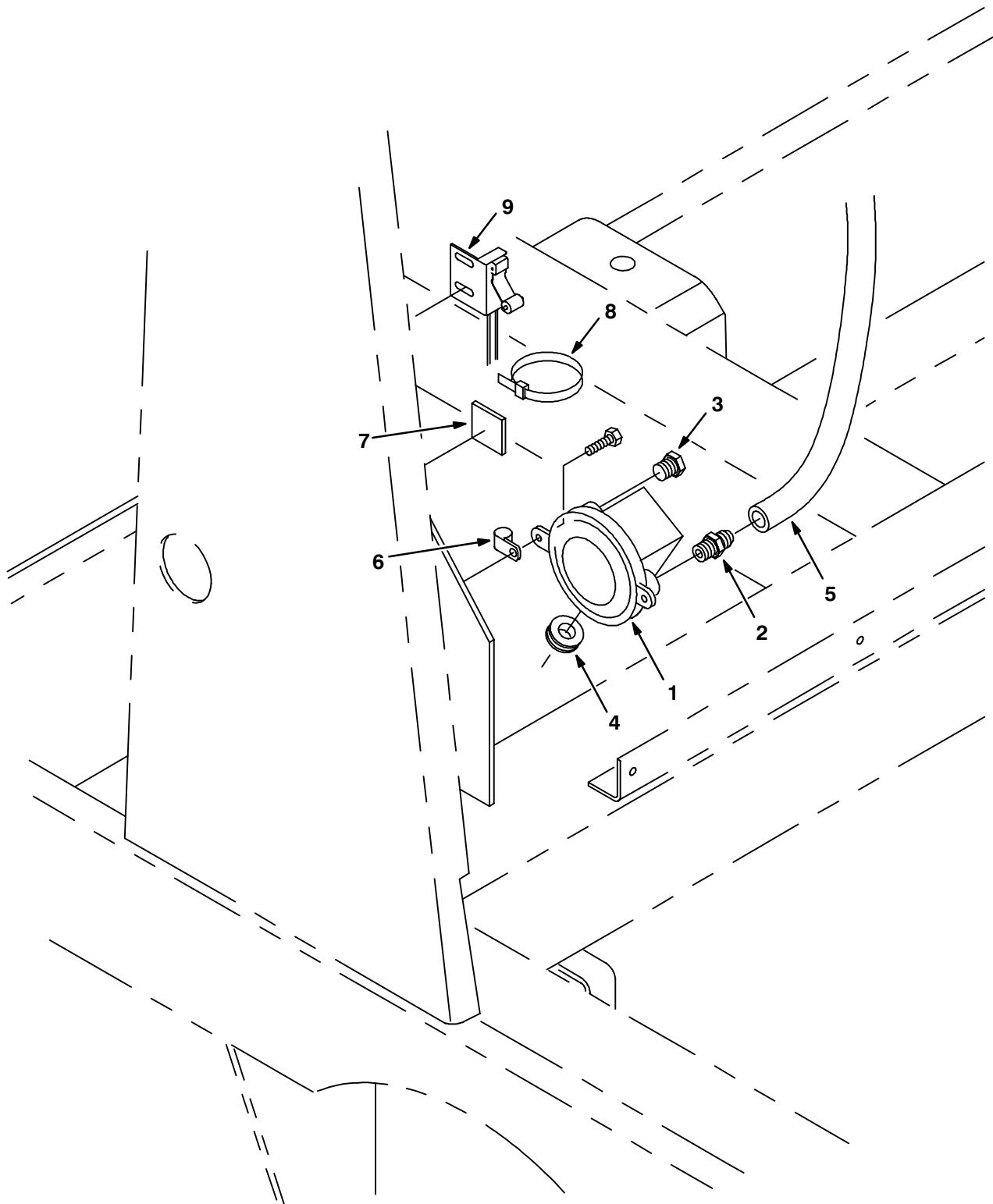




Fig. 46 – Pressure Switch Group

Ref.	Tenant Part No.	Machine Serial Number	Description	Qty.
1	34868	(000000–	) Switch, Pressure	1
2	40607	(000000–	) Ftg–Brs Str Bm03/Pm02	1
3	82739	(000000–	) Ftg, Breather	1
4	10632–4	(000000–	) Grommet,Rbr,0.62ld,For .06Matl	1
5	39780–2	(000000–	) Hose Vac.,Rubber, .16ld X 54.0Lg	1
6	46236	(000000–	) Clamp–Cable, 0.25Dia 0.56Wth	1
7	55248	(000000–	) Cabletie Mount, Adhesive	4
8	49266	(000000–	) Tie, Cable 1.75D Max 7.50Lg	4
9	59965	(000000–	) Switch Assy, Roller	1

Fig. 47 – Electrical Schematic

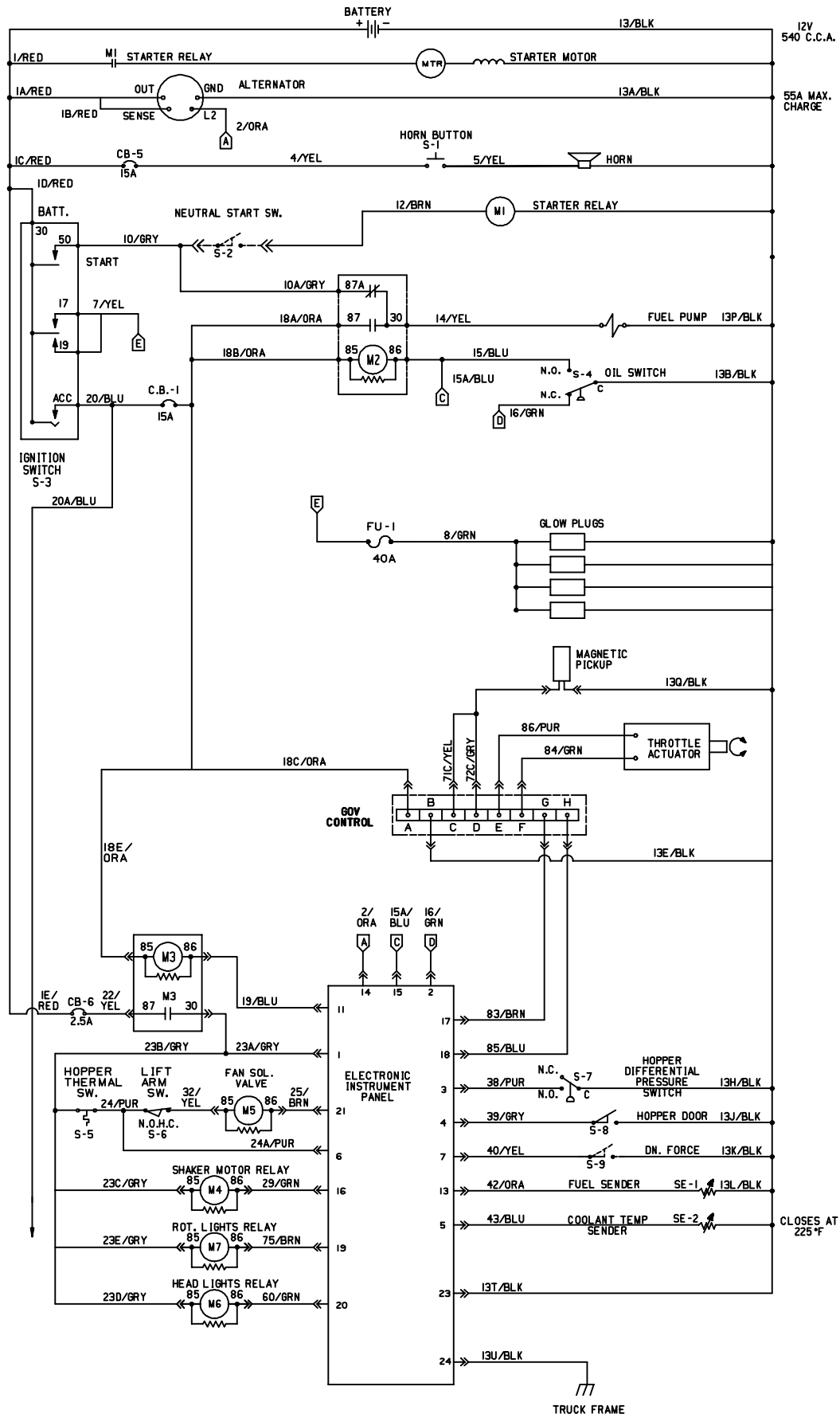
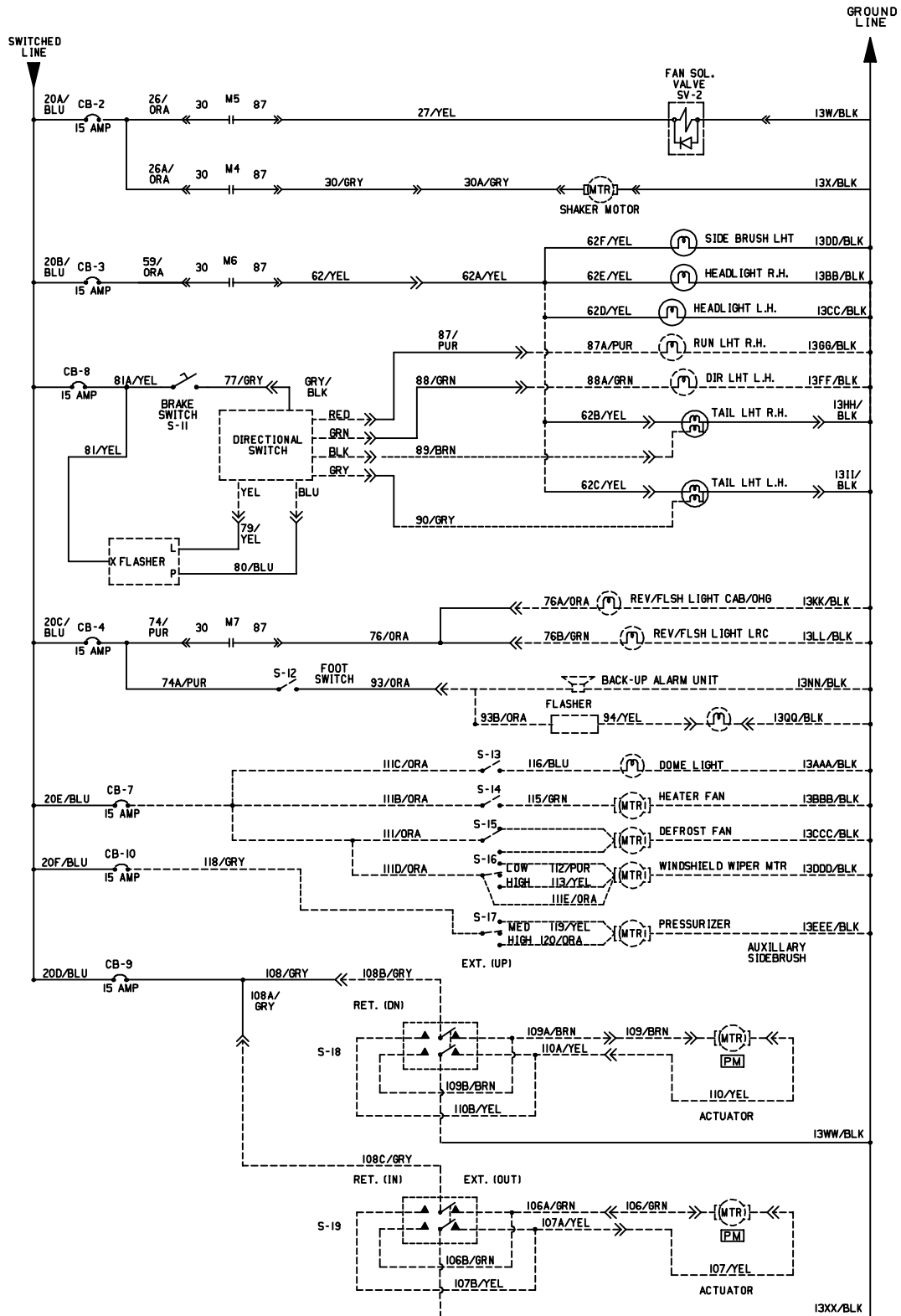
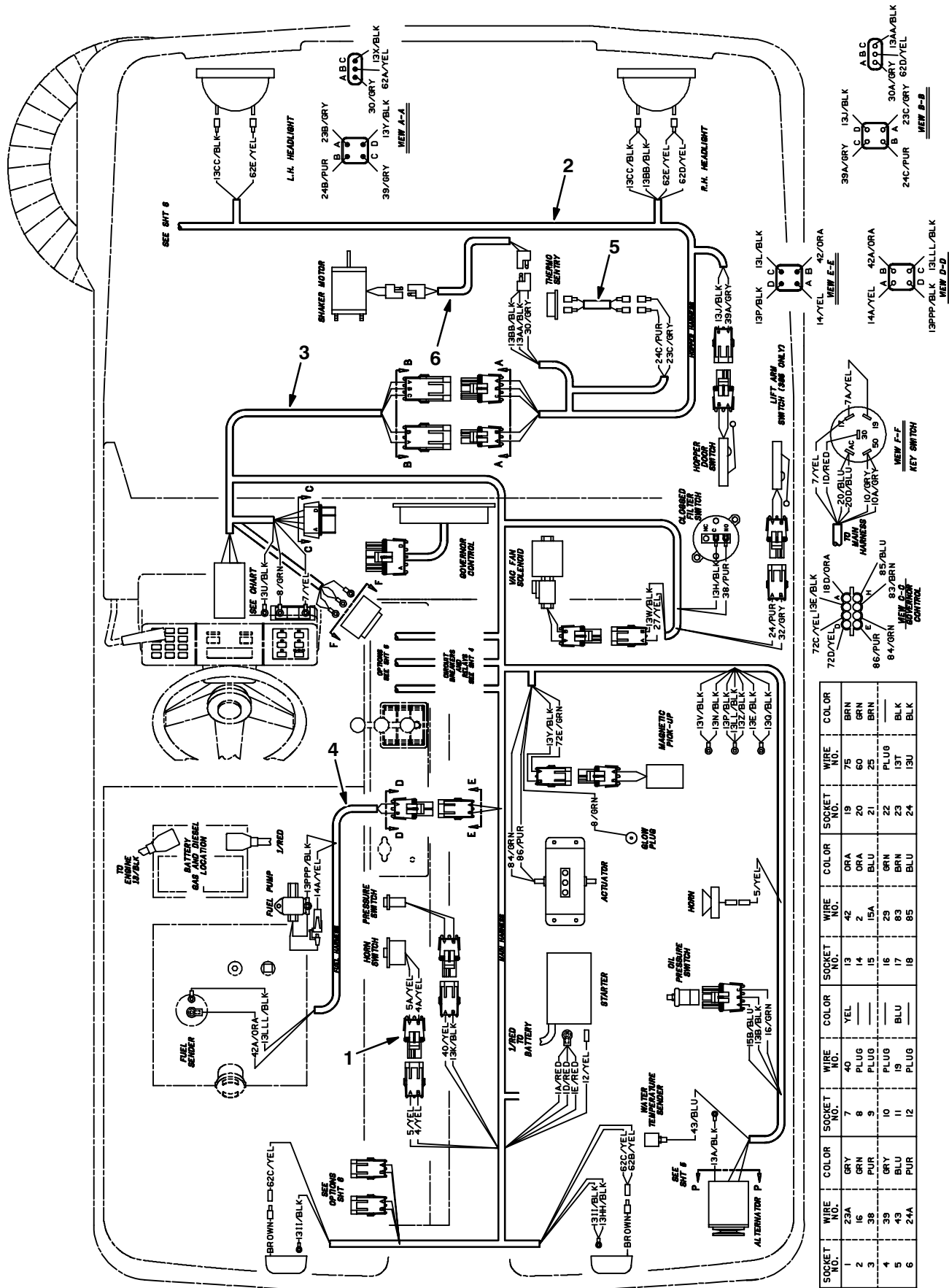


Fig. 47 – Electrical Schematic



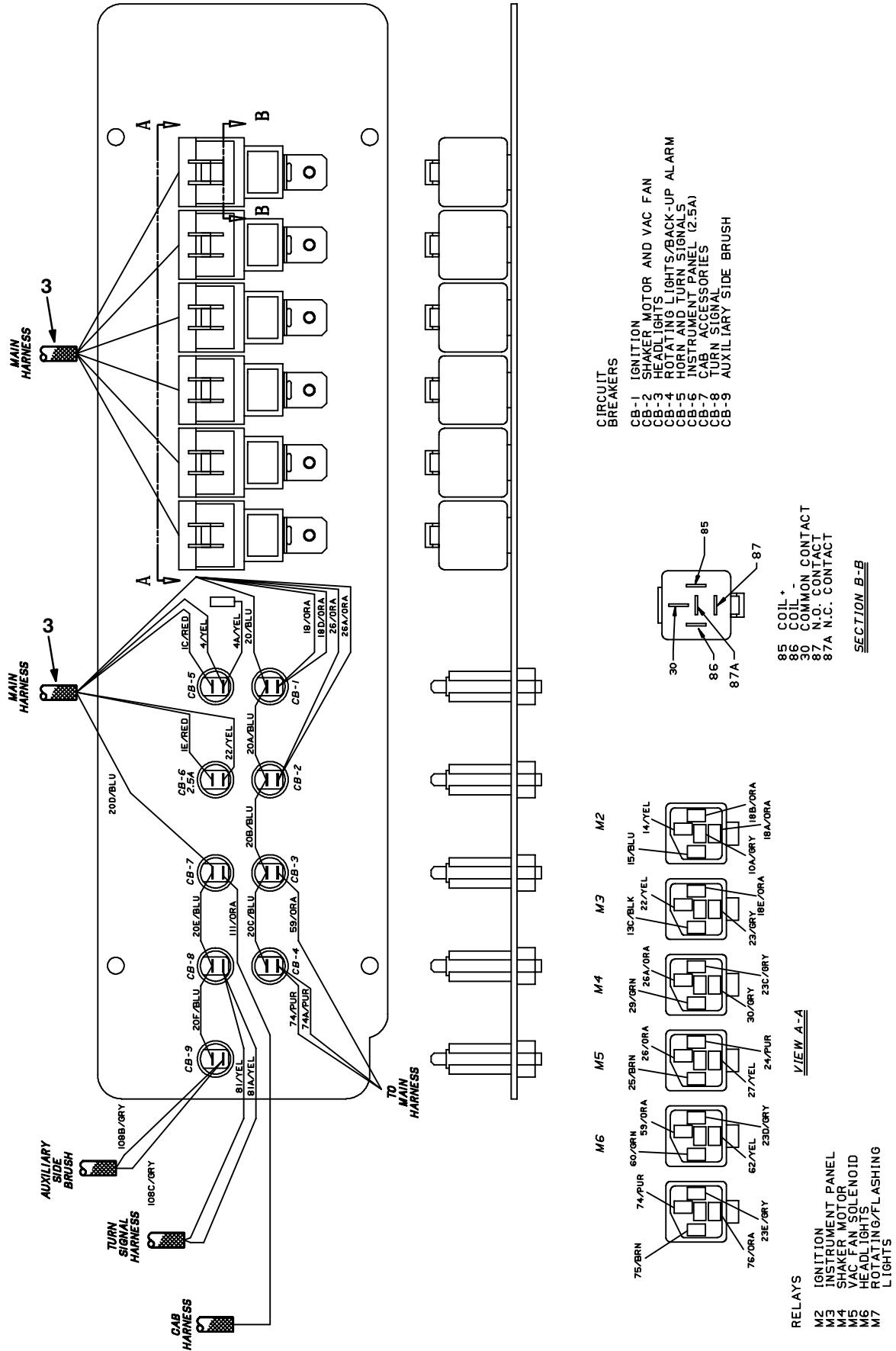
LEGEND			
M	POWER RELAY	HM	HOURMETER
MTR	MOTOR	SV	SOLENOID VALVE
CB	CIRCUIT BREAKER	S	SWITCH
PM	PERMANENT MAGNET	ACC	ACCESSORY
J	JACK-FEM. SOCKET	GND	GROUND CHASSIS
P	PLUG-MALE PIN	C	COMMON
PB	PUSHBUTTON	N.O.	NORMALLY OPEN
VM	VOLTMETER	N.C.	NORMALLY CLOSED
FU	FUSE		

## Fig. 48 – Wire Harnesses Group

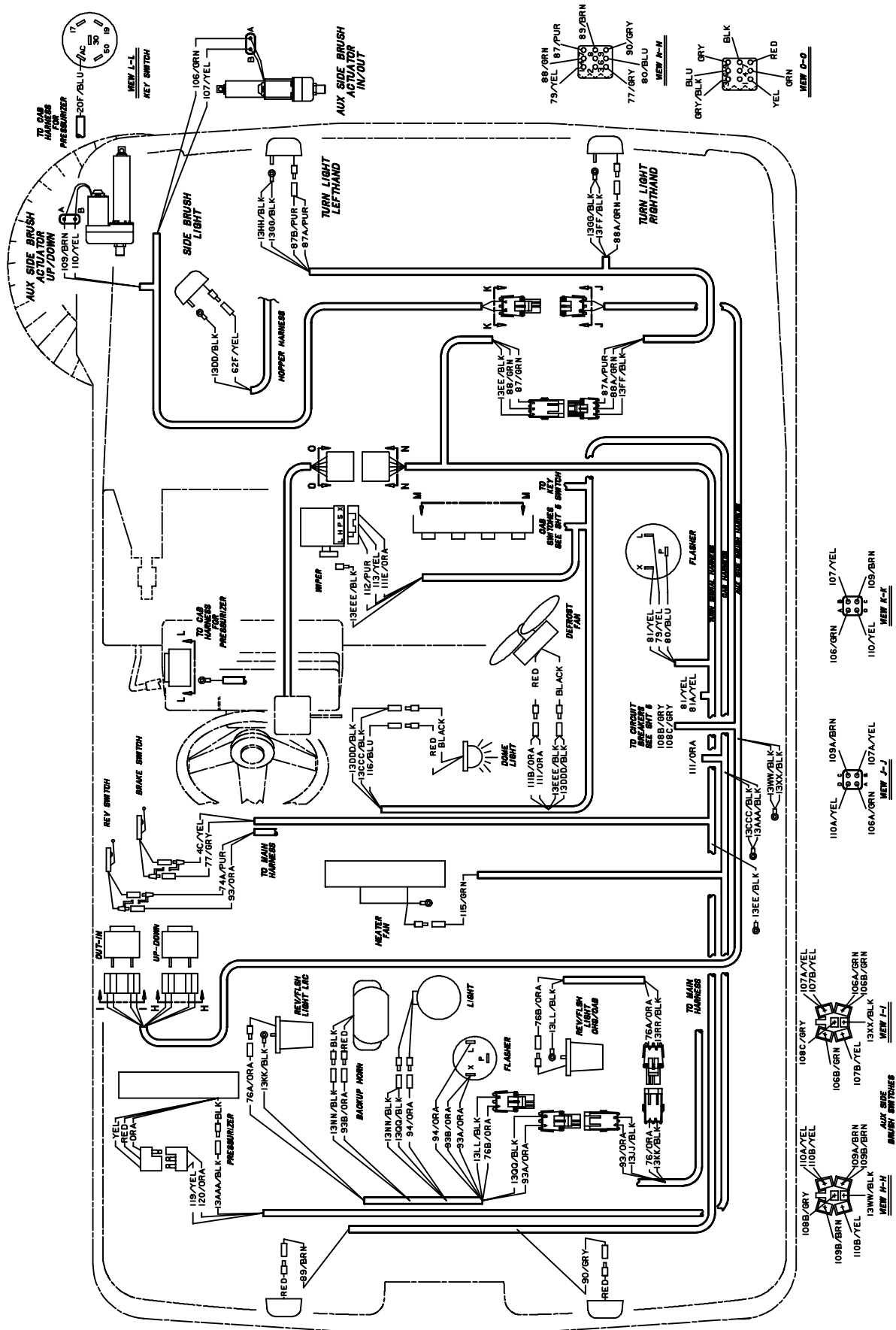


SOCKET NO.	WIRE NO.	COLOR	SOCKET NO.	WIRE NO.	COLOR	SOCKET NO.	WIRE NO.	COLOR	
1	23A	GRY	7	40	YEL	13	42	ORA	
2	16	GRN	8	PLUG	14	2	GRN	BRN	
3	38	PUR	9	PLUG	15	15A	BLU	20	GRN
4	35	GRY	10	PLUG	16	29	GRN	21	BRN
5	43	BLU	11	IS	17	83	BRN	22	PLUG
6	24A	PUR	12	PLUG	18	85	BLU	23	13T
								24	13U

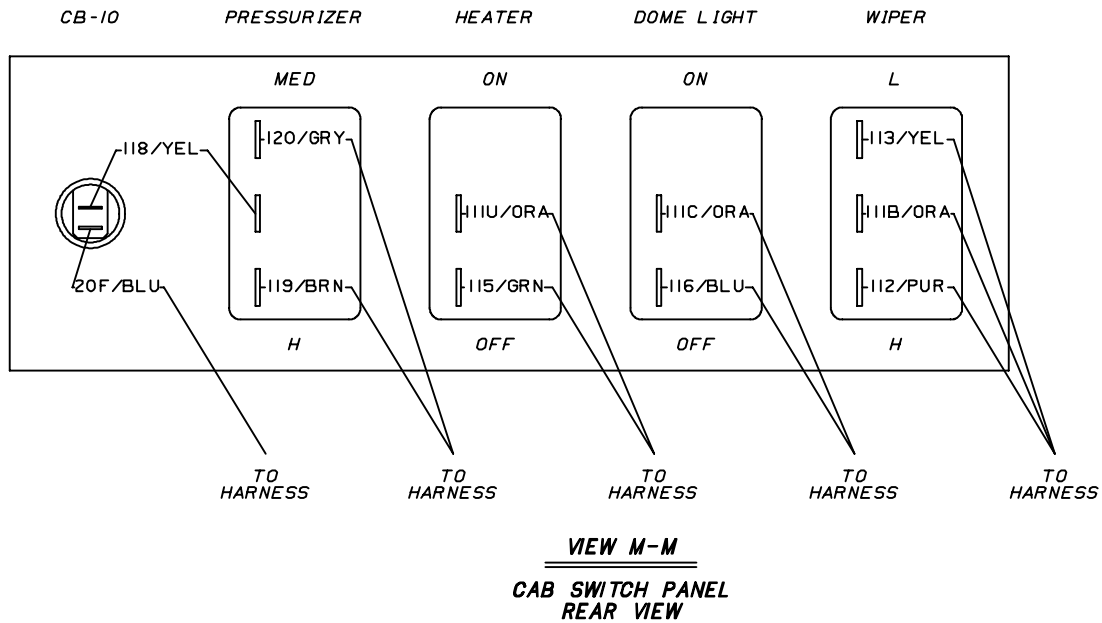
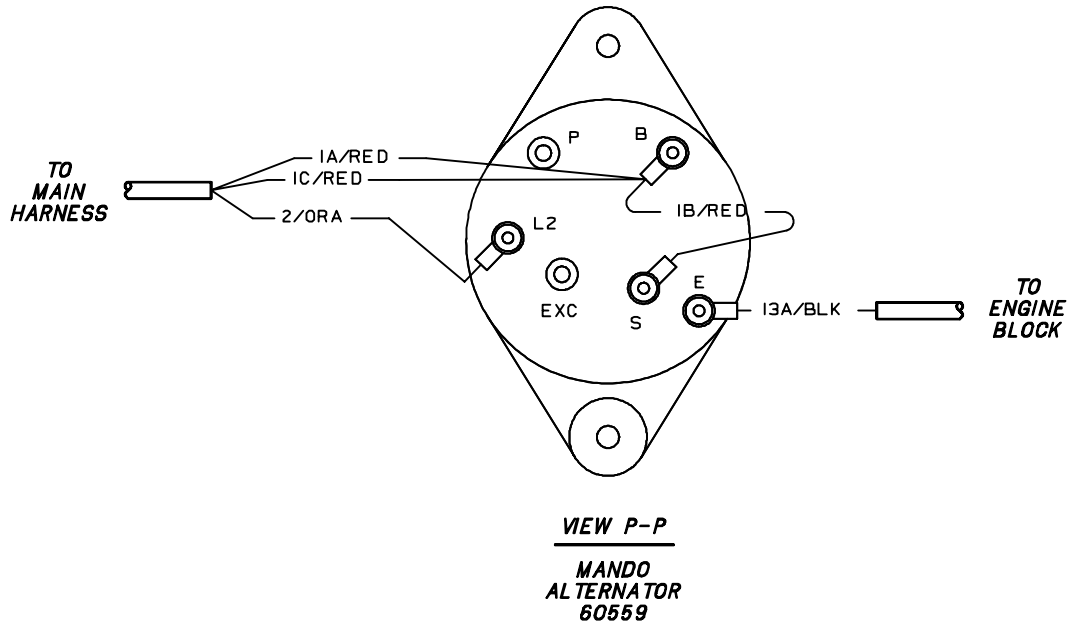
Fig. 48 – Wire Harness Group



## Fig. 48 – Wire Harness Group



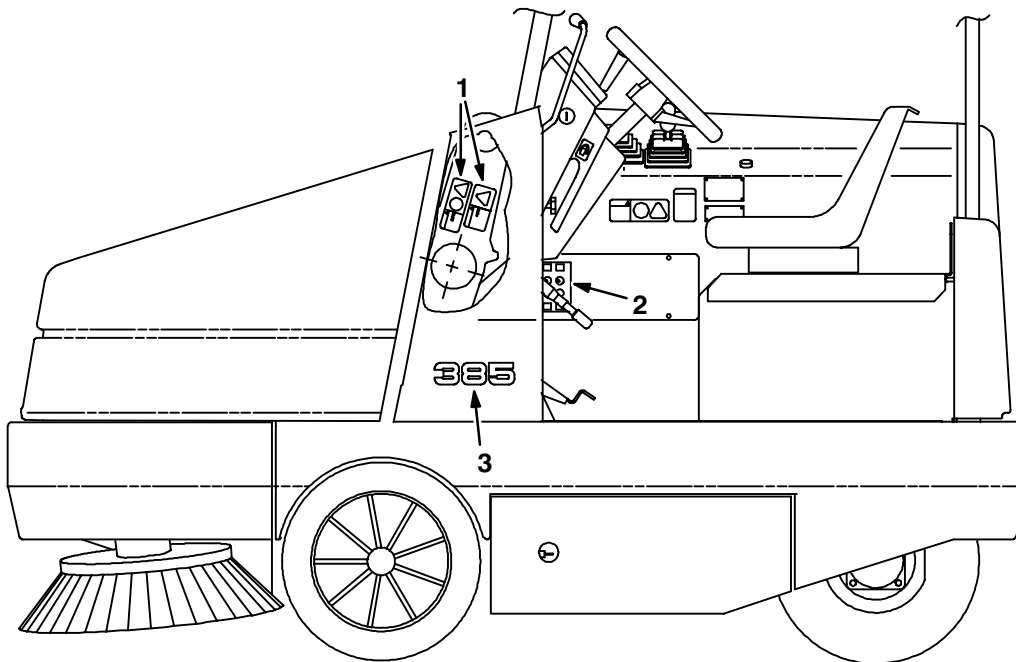
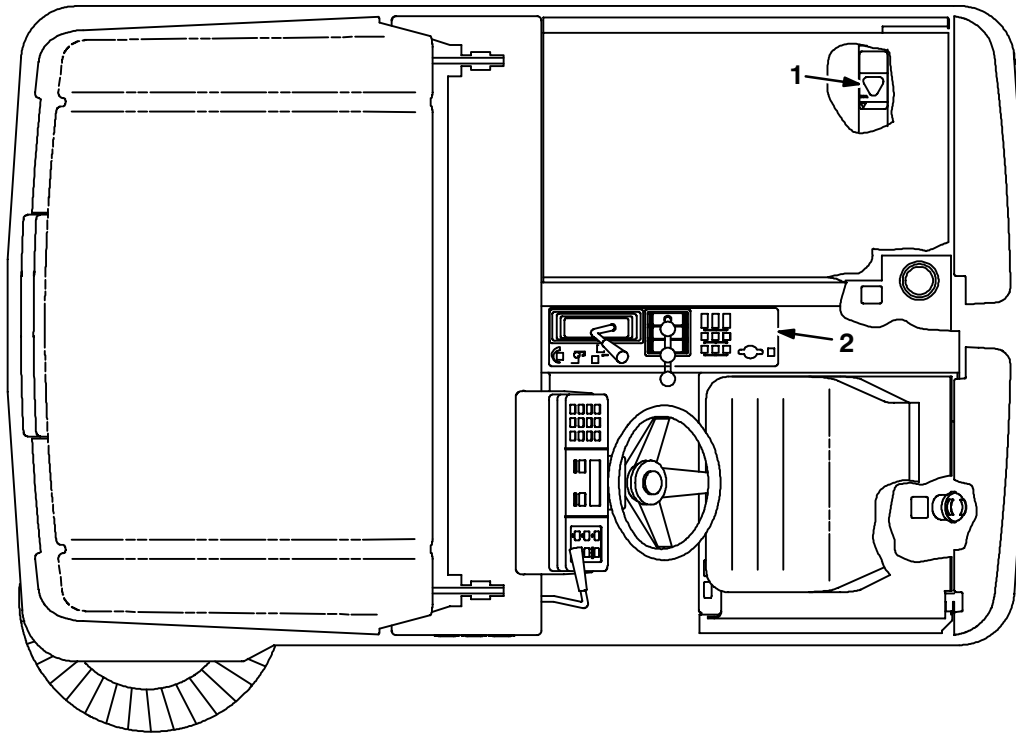
**Fig. 48 – Wire Harnesses Group**



08822/08199

Ref.	Tennant Part No.	Machine Serial Number	Description	Qty.
1	60290	(000000- )	Harness, Horn	1
2	60282	(000000- )	Harness, Hopper	1
3	72481	(000000- )	Harness, Main, Die 385 DLH	1
4	60296	(000000-005541 )	Harness, Fuel, Gas/Die 385 DLH	1
4	70154	(005542- )	Harness, Fuel, 385 DLH	1
5	72553	(000000- )	Harness, Thermal Switch	1
6	72552	(000000- )	Harness, Shaker Motor	1

**Fig. 49 – Label Group**



08823/08200

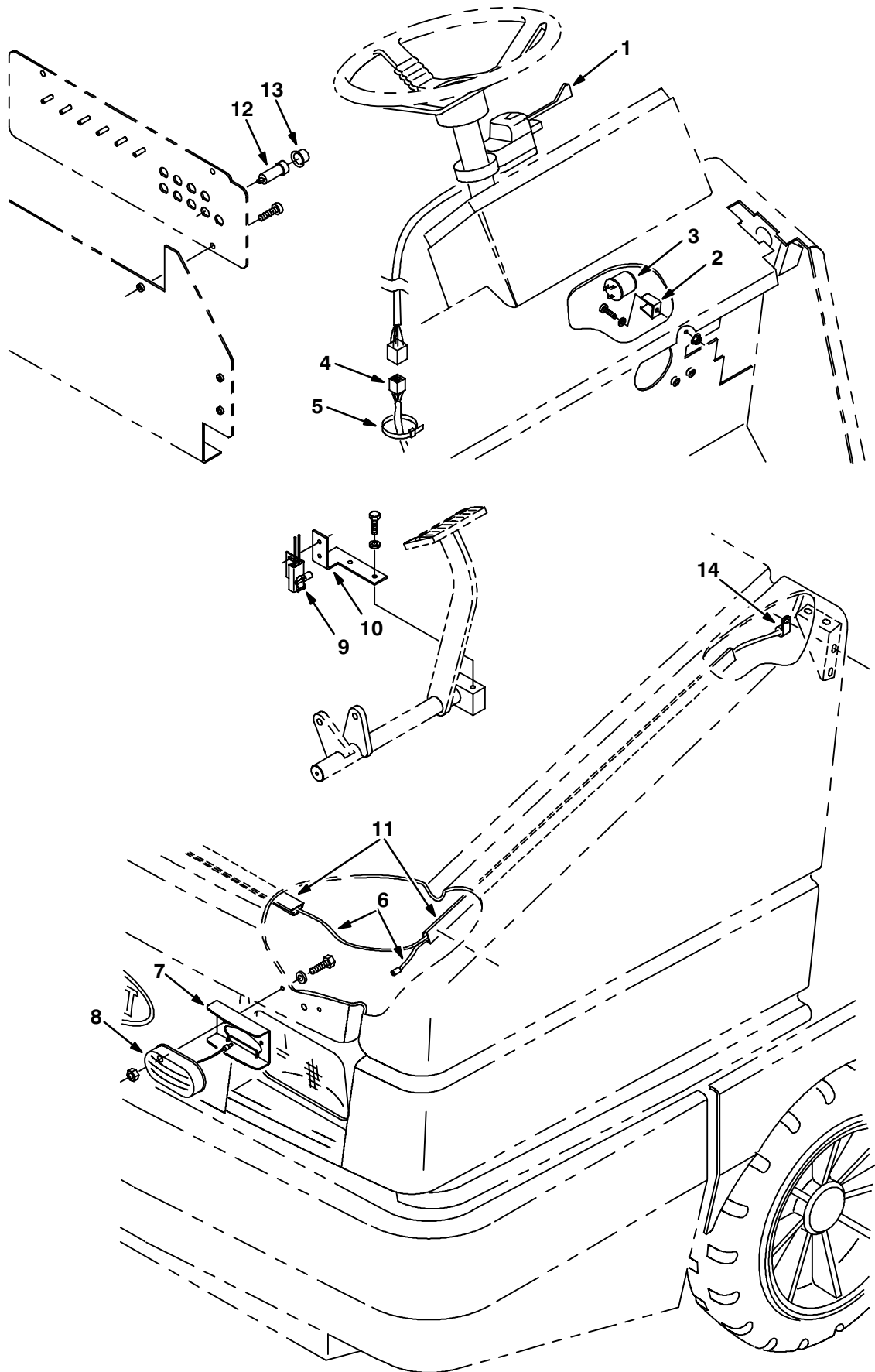
Ref.	Tennant Part No.	Machine Serial Number	Description	Qty.
1	59767	(000000– )	Label Set, Info & Hazard 355L	1
2	70355	(000000– )	Label Set, Operational 355L	1
3	59820	(000000– )	Label, Numerals 385	2



# SECTION 3

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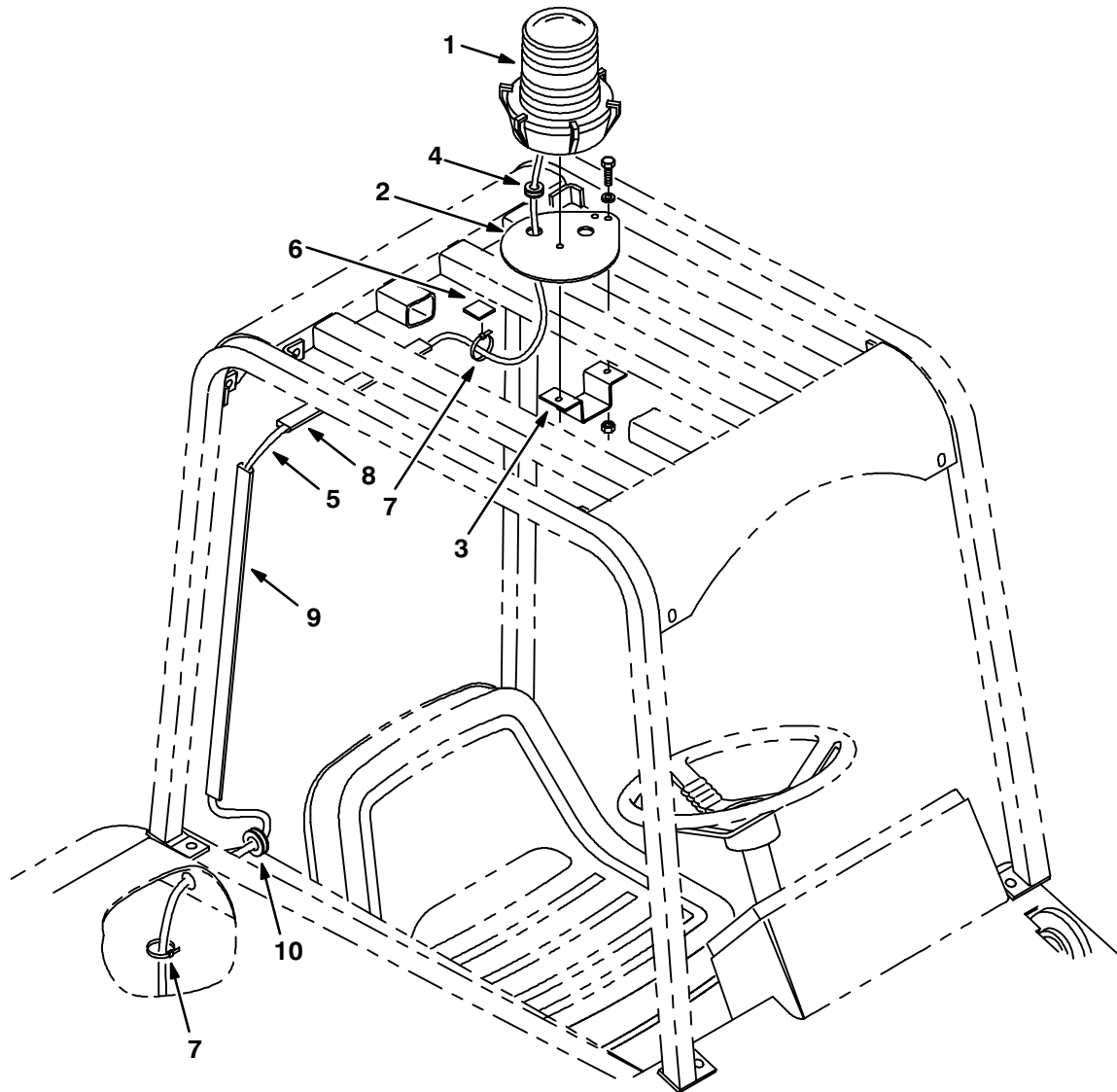
Fig. 1 – Signal Light Kit



**Fig. 1 – Signal Light Kit**

	<b>Ref.</b>	<b>Tennant Part No.</b>	<b>Machine Serial Number</b>	<b>Description</b>	<b>Qty.</b>
▽		72523	(000000–	) Light Kit Sgnl 385D LH	1
▲▽	1	60751	(000000–	) Signal Assy Rework, E1740 Turn	1
▲▲		48570	(000000–	) Bulb #53 12V	1
▲	2	24576–1	(000000–	) Bracket, Flasher	1
▲	3	31922	(000000–	) Flasher, Heavy Duty	1
▲	4	60283	(000000–	) Harness, Turn Signal	1
▲	5	49266	(000000–	) Tie, Cable 1.75D Max 7.50Lg	12
▲	6	60284	(000000–	) Harness, Turn Signal	1
▲	7	72178	(000000–	) Bracket, Light, SBDC	2
▲▽	8	34848	(000000–	) Light Assy Mark/Yel 12V– A	2
▲▲		87948	(000000–	) Bulb, #194	1
▲	9	59962	(000000–	) Switch Assy, Roller	1
▲	10	72524	(000000–	) Bracket, Switch	1
▲	11	86332	(000000–	) Duct, Vinyl .40 X .75 X 26.0 .25D	2
▲	12	57803	(000000–	) Circuit Breaker, 15 Resetbl	1
▲	13	57751	(000000–	) Boot – Circuit Breaker	1
▲	14	40678	(000000–	) Clamp, Cable .44D .62Wide	1

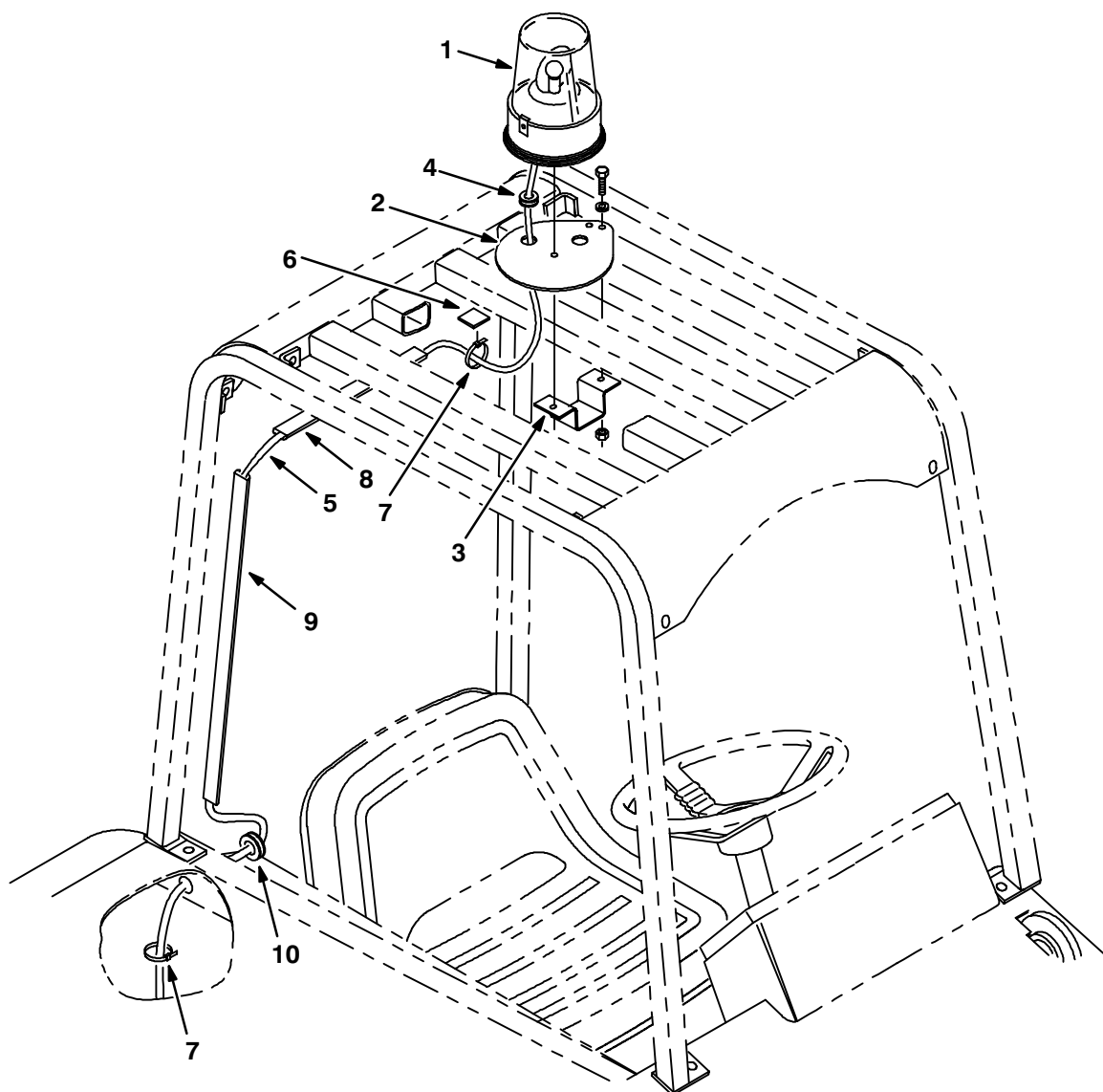
**Fig. 2 – Flashing Light Kit, Overhead Guard**



07870/08204

Ref.	Tennant Part No.	Machine Serial Number	Description	Qty.
▽	60307	(000000- )	Light Kit Flsh 355L Ohg	1
▲▽	1 82063	(000000- )	Light, Flashing, Amber, 12V-Re	1
▲▲	58520	(000000- )	Lens,Flashing Lite Fr207 Amber	1
▲▲	45779	(000000- )	Bulb, General Electric	1
▲	2 57220	(000000- )	Plate, Light Mtg.	1
▲	3 59447	(000000- )	Bracket, Mtg, Light, Ohg	1
▲	4 10632-2	(000000- )	Grommet,Rbr,0.63Id,For .13Matl	1
▲	5 60288	(000000- )	Harness, Revolv Light, Cab,Ohg	1
▲	6 55248	(000000- )	Cabletie Mount, Adhesive	5
▲	7 49266	(000000- )	Tie, Cable 1.75D Max 7.50Lg	8
▲	8 86330	(000000- )	Duct, Vinyl 10.0 In	2
▲	9 86332	(000000- )	Duct, Vinyl 26.0 In.	1
▲	72114	(000000- )	Duct, Vinyl 6.0 In.	1
▲	10 10632-18	(000000- )	Grommet, Rbr, 0.69 ID	1
	58518	(000000- )	Lens,Flashing Lite Fr207 Red	1
	58519	(000000- )	Lens,Flashing Lite Fr207 Blue	1

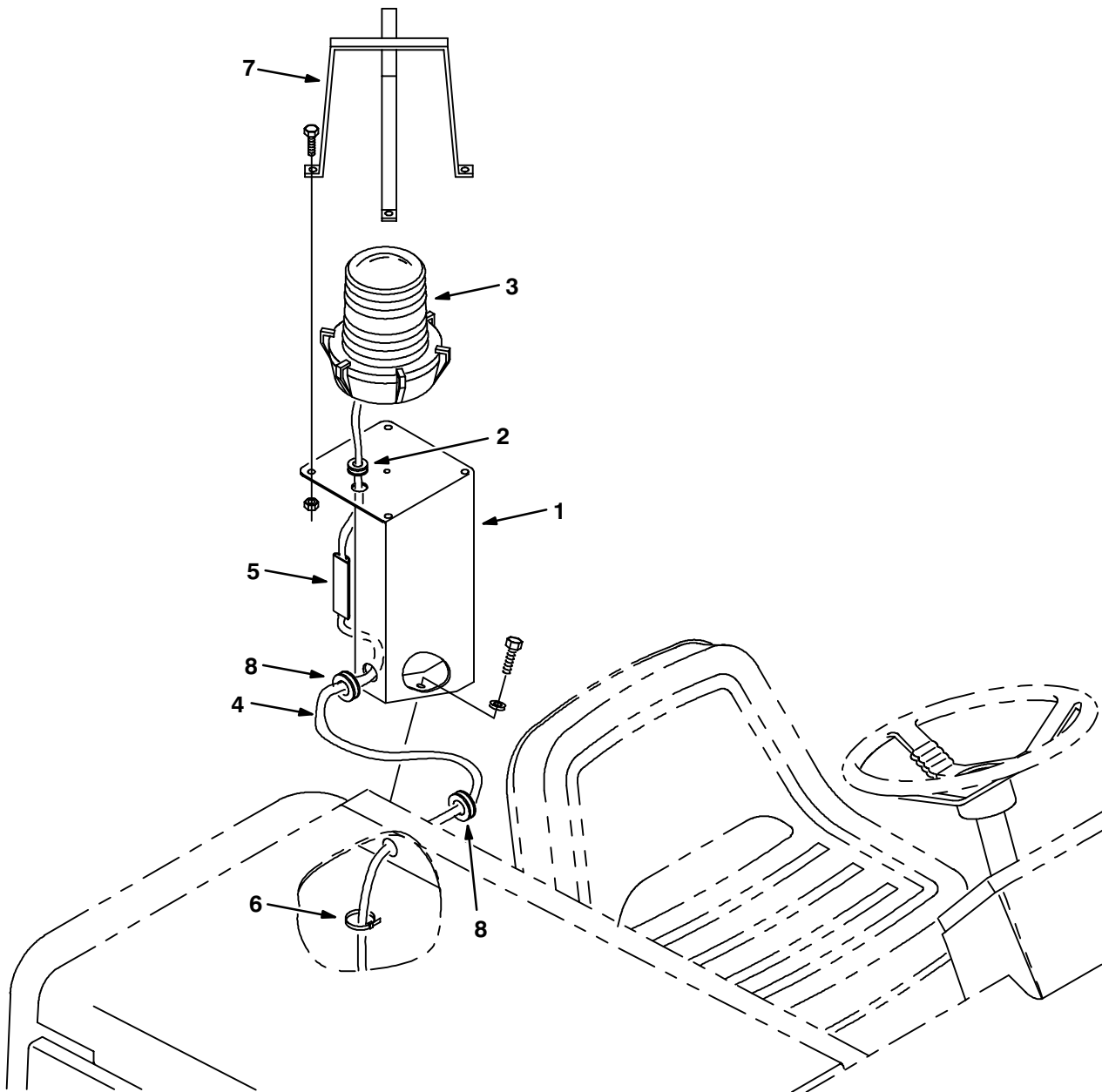
Fig. 3 – Revolving Light Kit, Overhead Guard



07866/08203

Ref.	Tennant Part No.	Machine Serial Number	Description	Qty.
▽	60309	(000000- )	Light Kit Revl 355L Ohg	1
▲▽	1 82200	(000000- )	Light,Rev.Amber 12V-Reworked	1
▲▲	44681-1	(000000- )	Lens,Rev.Light,Amber	1
▲▲	45779	(000000- )	Bulb, General Electric	1
▲	2 57220	(000000- )	Plate, Light Mtg.	1
▲	3 59447	(000000- )	Bracket, Mtg, Light, Ohg	1
▲	4 10632-2	(000000- )	Grommet,Rbr,0.63Id,For .13Matl	1
▲	5 60288	(000000- )	Harness, Revolv Light, Cab,Ohg	1
▲	6 55248	(000000- )	Cabletie Mount, Adhesive	5
▲	7 49266	(000000- )	Tie, Cable 1.75D Max 7.50Lg	8
▲	8 86330	(000000- )	Duct, Vinyl 10.0 In.	2
▲	9 86332	(000000- )	Duct, Vinyl 26.0 In.	1
▲	72114	(000000- )	Duct, Vinyl 6.0 In.	1
▲	10 10632-18	(000000- )	Grommet, Rbr, 0.69 ID	1
	44681	(000000- )	Lens,Rev.Light,Red	1
	44681-2	(000000- )	Lens,Rev.Light,Blue	1

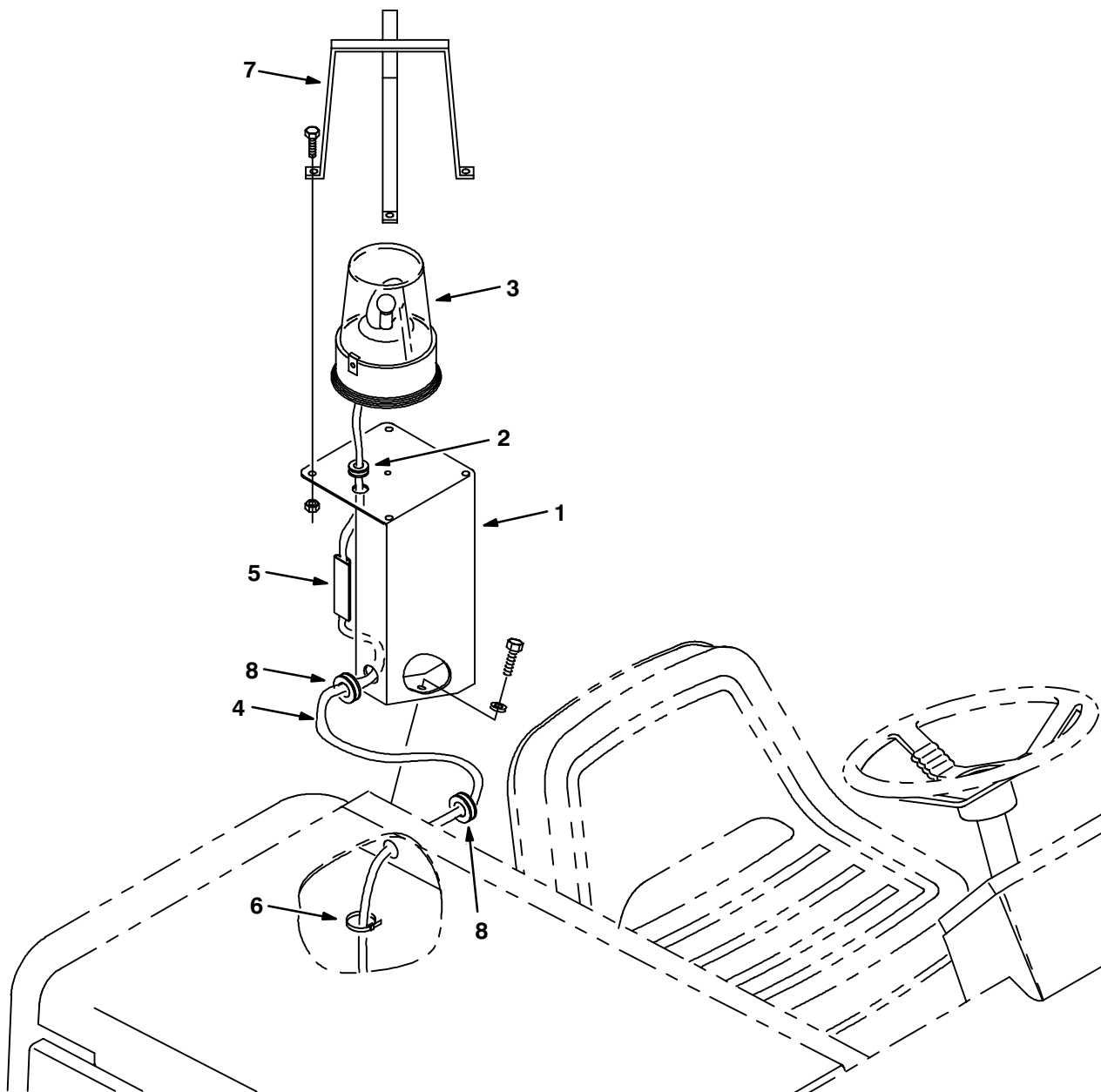
**Fig. 4 – Flashing Light Kit, LRC**



08801/08209

Ref.	Tennant Part No.	Machine Serial Number	Description	Qty.
▽	72516	(000000– )	Light Kit Flsh 385D LH LRC	1
▲	1 72514	(000000– )	Bracket Wldt, Light, Rotating	1
▲	2 10632–9	(000000– )	Grommet,Rbr,0.56ld,For .13Matl	1
▲▽	3 82063	(000000– )	Light, Flashing, Amber, 12V–Re	1
▲▲	58520	(000000– )	Lens,Flashing Lite Fr207 Amber	1
▲▲	45779	(000000– )	Bulb, General Electric	1
▲	4 71543	(000000– )	Harness, Wire, Hazard	1
▲	5 86333	(000000– )	Duct, Vinyl 3.5 In.	1
▲	6 49266	(000000– )	Tie, Cable 1.75D Max 7.50Lg	6
▲	7 45272	(000000– )	Guard Wldt, Lights, Revl&Flsh	1
▲	8 10632–18	(000000– )	Grommet, Rbr, 0.69 ID	2
	58518	(000000– )	Lens,Flashing Lite Fr207 Red	1
	58519	(000000– )	Lens,Flashing Lite Fr207 Blue	1

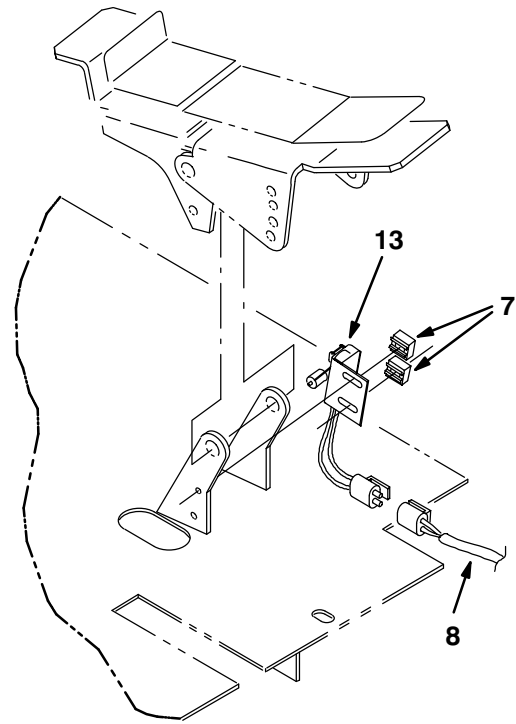
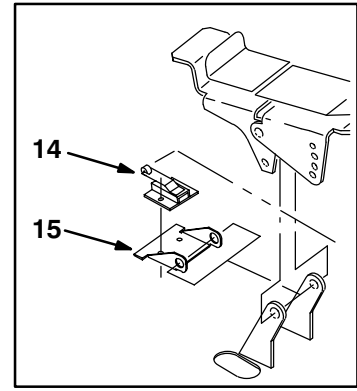
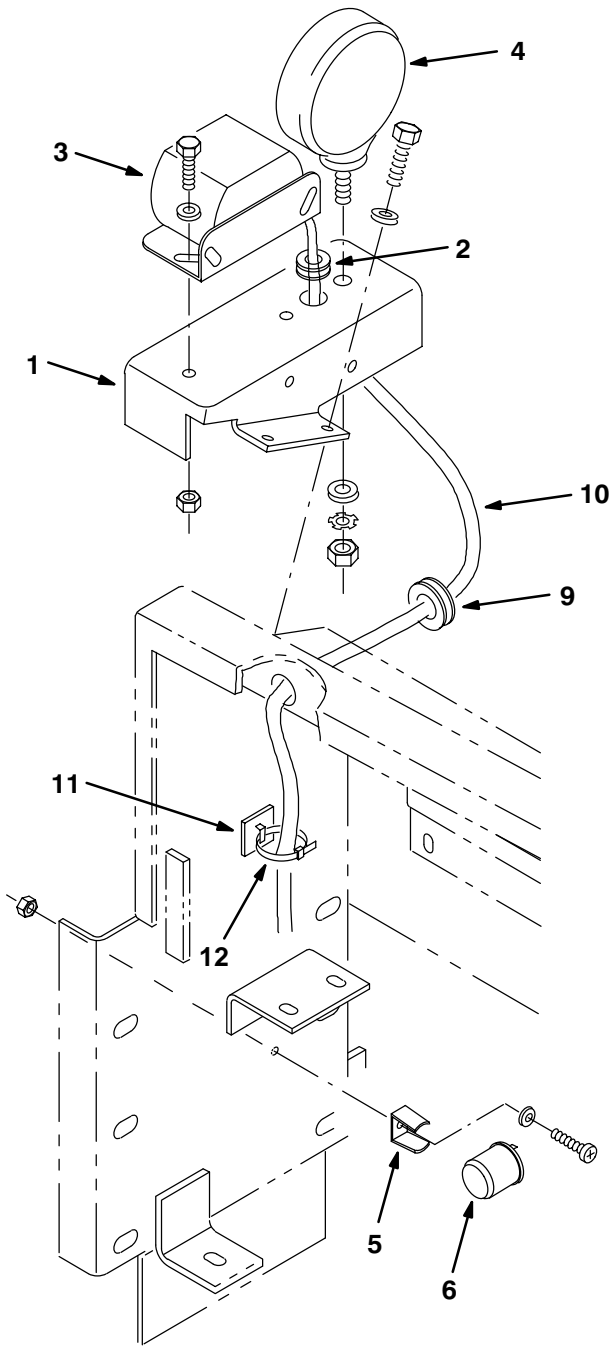
Fig. 5 – Revolving Light Kit, LRC



08802/08208

Ref.	Tennant Part No.	Machine Serial Number	Description	Qty.
▽	72518	(000000- )	Light Kit Revl 385D LH LRC	1
▲	1 72514	(000000- )	Bracket Wldt, Light, Rotating	1
▲	2 10632-9	(000000- )	Grommet,Rbr,0.56ld,For .13Matl	1
▲▽	3 82200	(000000- )	Light,Rev.Amber 12V-Reworked	1
▲▲	44681-1	(000000- )	Lens,Rev.Light,Amber	1
▲▲	45779	(000000- )	Bulb, General Electric	1
▲	4 71543	(000000- )	Harness, Wire, Hazard	1
▲	5 86333	(000000- )	Duct, Vinyl 3.5 In.	1
▲	6 49266	(000000- )	Tie, Cable 1.75D Max 7.50Lg	6
▲	7 45272	(000000- )	Guard Wldt, Lights, Revl&Flsh	1
▲	8 10632-18	(000000- )	Grommet, Rbr, 0.69 ID	2
	44681	(000000- )	Lens,Rev.Light,Red	1
	44681-2	(000000- )	Lens,Rev.Light,Blue	1

Fig. 6 – Back-Up Alarm Kit, LRC

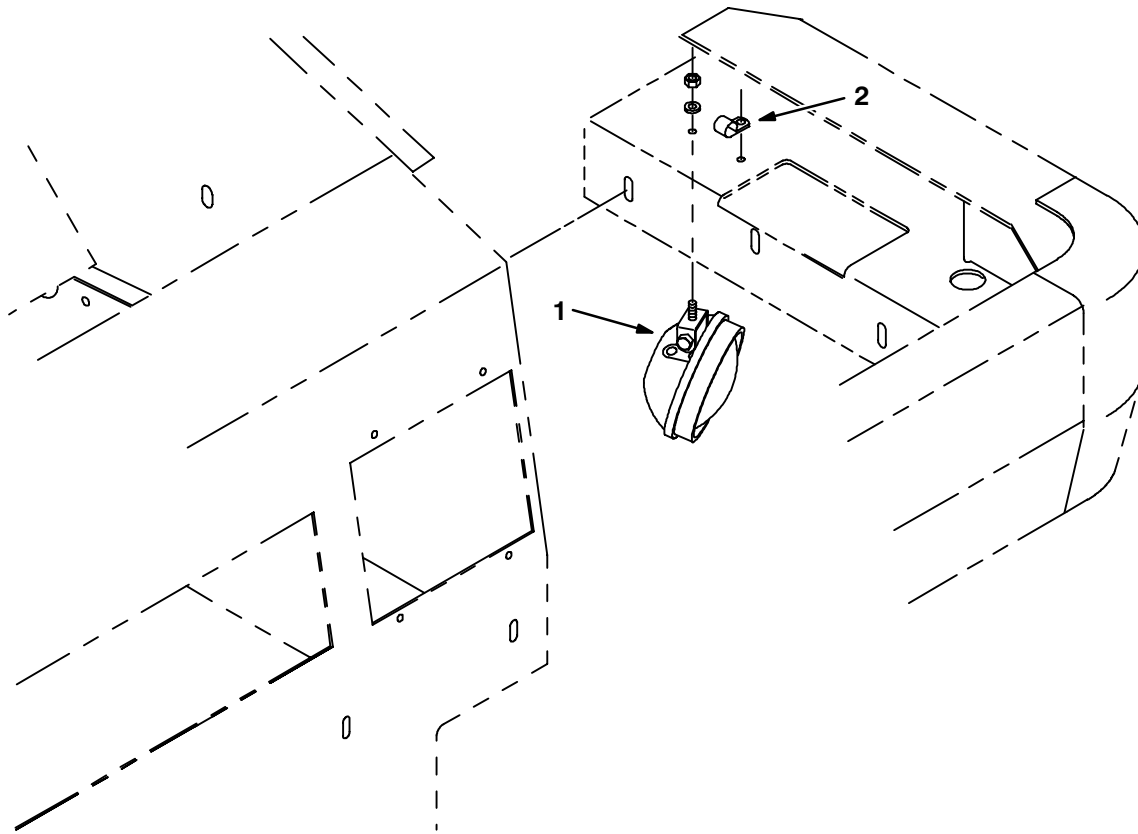




**Fig. 6 – Back-Up Alarm Kit, LRC**

<b>Ref.</b>	<b>Tennant Part No.</b>	<b>Machine Serial Number</b>	<b>Description</b>	<b>Qty.</b>
▽	72521	(000000–	) Alarm Kit Backup 385D Lh	1
▲	1 72519	(000000–	) Bracket Wldt, Backup	1
▲	2 10632–9	(000000–	) Grommet,Rbr,0.56ld,For .13Matl	1
▲	3 61920	(000000–	) Horn Assy, Back-Up Alarm	1
▲	4 36438	(000000–	) Headlight Assy,210G	1
▲	4 36439	(000000–	) Bulb, 12V .9A 15Cp#1004	1
▲	5 24576–1	(000000–	) Bracket, Flasher	1
▲	6 24576	(000000–	) Flasher,12V.Ideal Co.Hd552Ps83	1
▲	7 23210	(006666–	) Nut Speed, Retainer, 8–32 Thd	2
▲	8 70159	(006666–	) Harness, Adapter, B/u Alarm	1
▲	9 10632–18	(000000–	) Grommet,Rbr,0.69 Id	1
▲	10 71544	(000000–	) Harness, Alarm, Backup	1
▲	11 55248	(000000–	) Cabletie Mount, Adhesive	2
▲	12 49266	(000000–	) Tie, Cable 1.75D Max 7.50Lg	5
▲	13 23211	(006666–	) Switch Assy, Roller	1
	14 35905	(000000–006665 )	Switch, Waterproof, 10A	1
	15 23231	(000000–006665 )	Replm Kit, Backup Switch	1

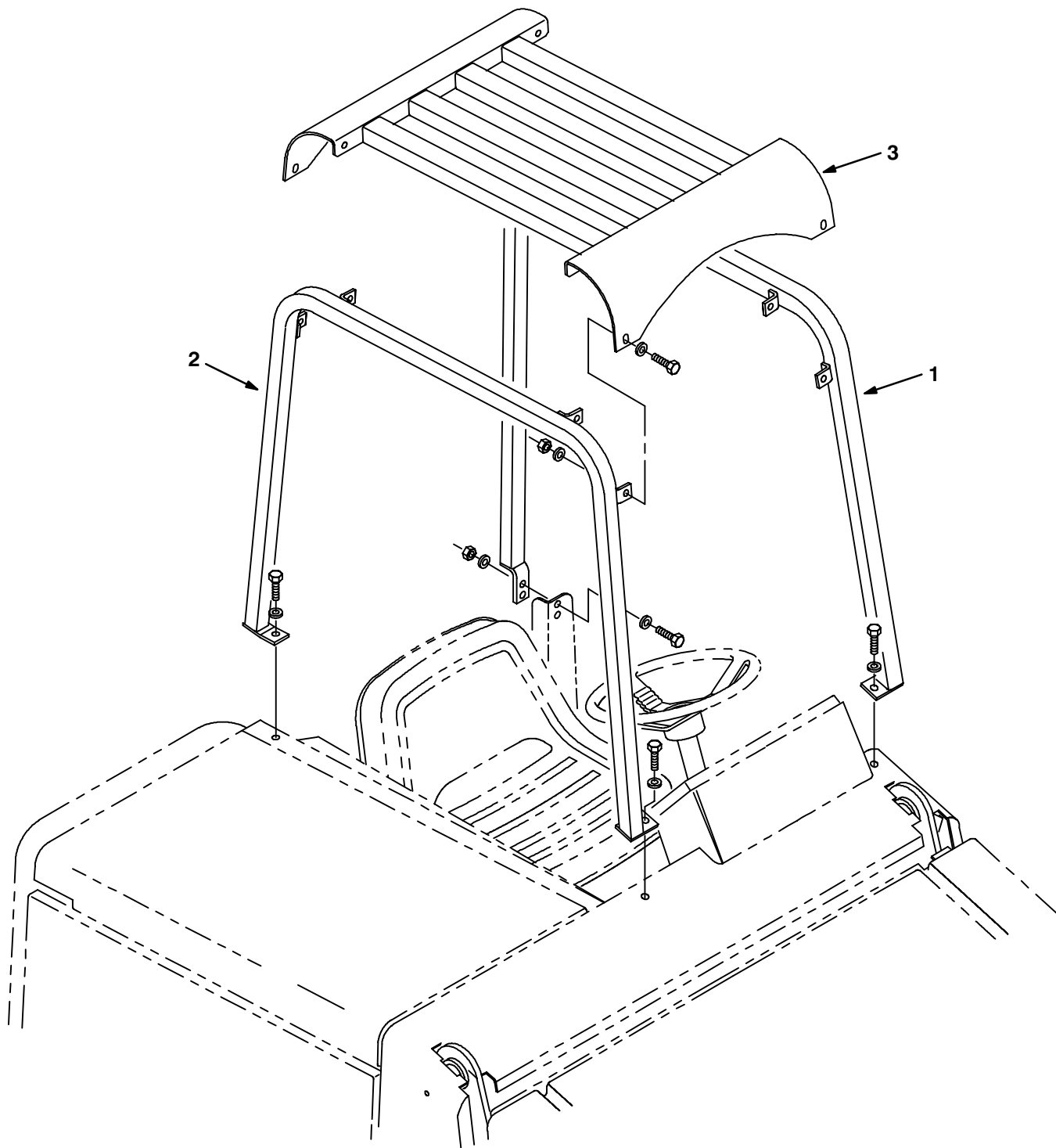
**Fig. 7 – Side Brush Light Kit**



07930/08202

Ref.	Tennant Part No.	Machine Serial Number	Description	Qty.
▽	60372	(000000–	) Light Kit, Side Brush 355L	1
▲▽	1 19827	(000000–	) Light Assy Work/Clr 12V– . A	1
▲▲	51570	(000000–	) Bulb, GE	1
▲	2 40678	(000000–	) Clamp, Cable .44D .62Wide	1

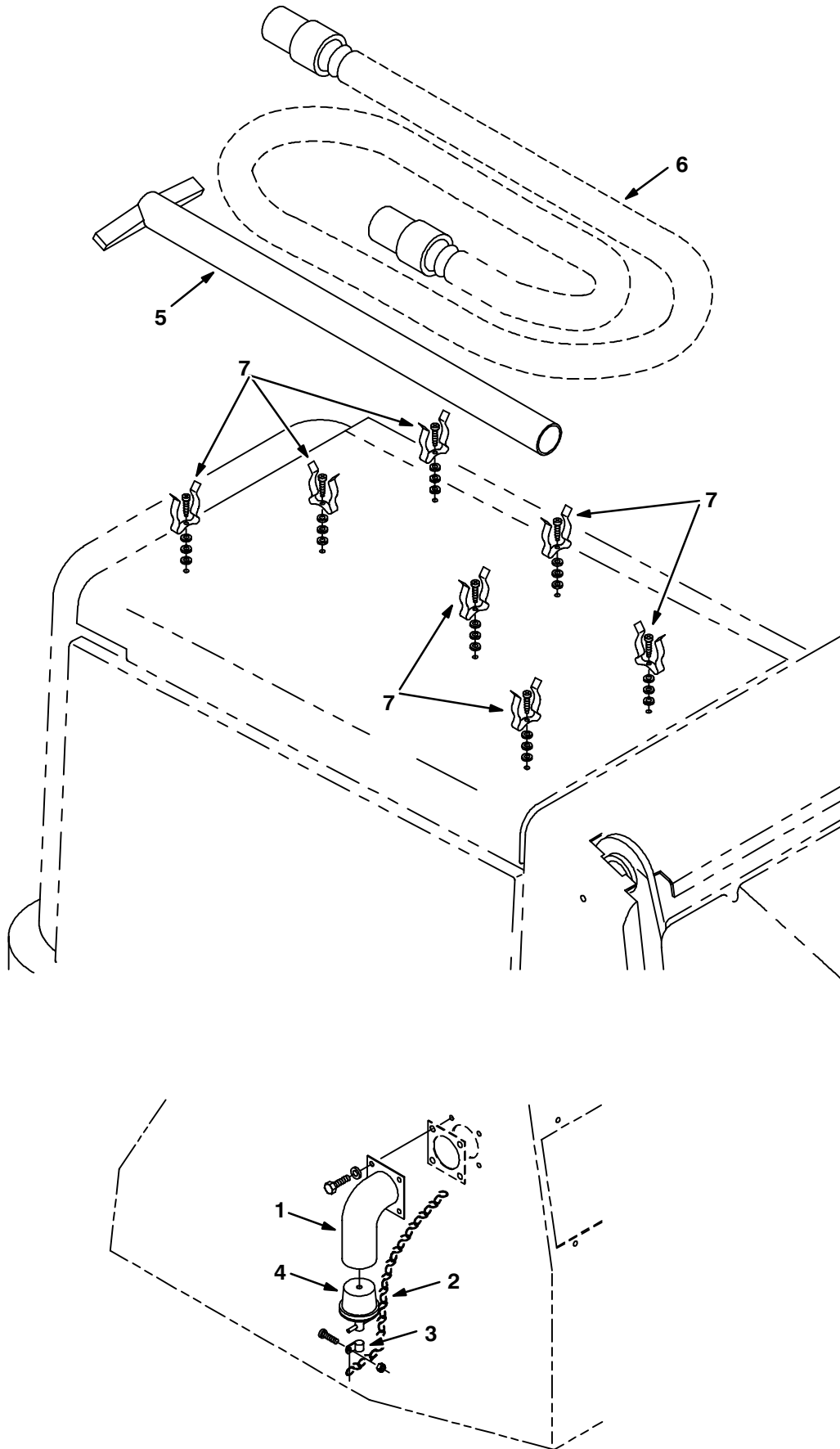
Fig. 8 – Overhead Guard Kit



08804/08206

Ref.	Tennant Part No.	Machine Serial Number	Description	Qty.
	72535	(000000–	) Guard Kit 355L	1
1	72469	(000000–	) Tube Wldt, Leg, Ohg,Lh,Painted	1
2	72470	(000000–	) Tube Wldt, Leg,Ohg,Rh,Painted	1
3	56456	(000000–	) Guard Wldt, Ohg, Top	1

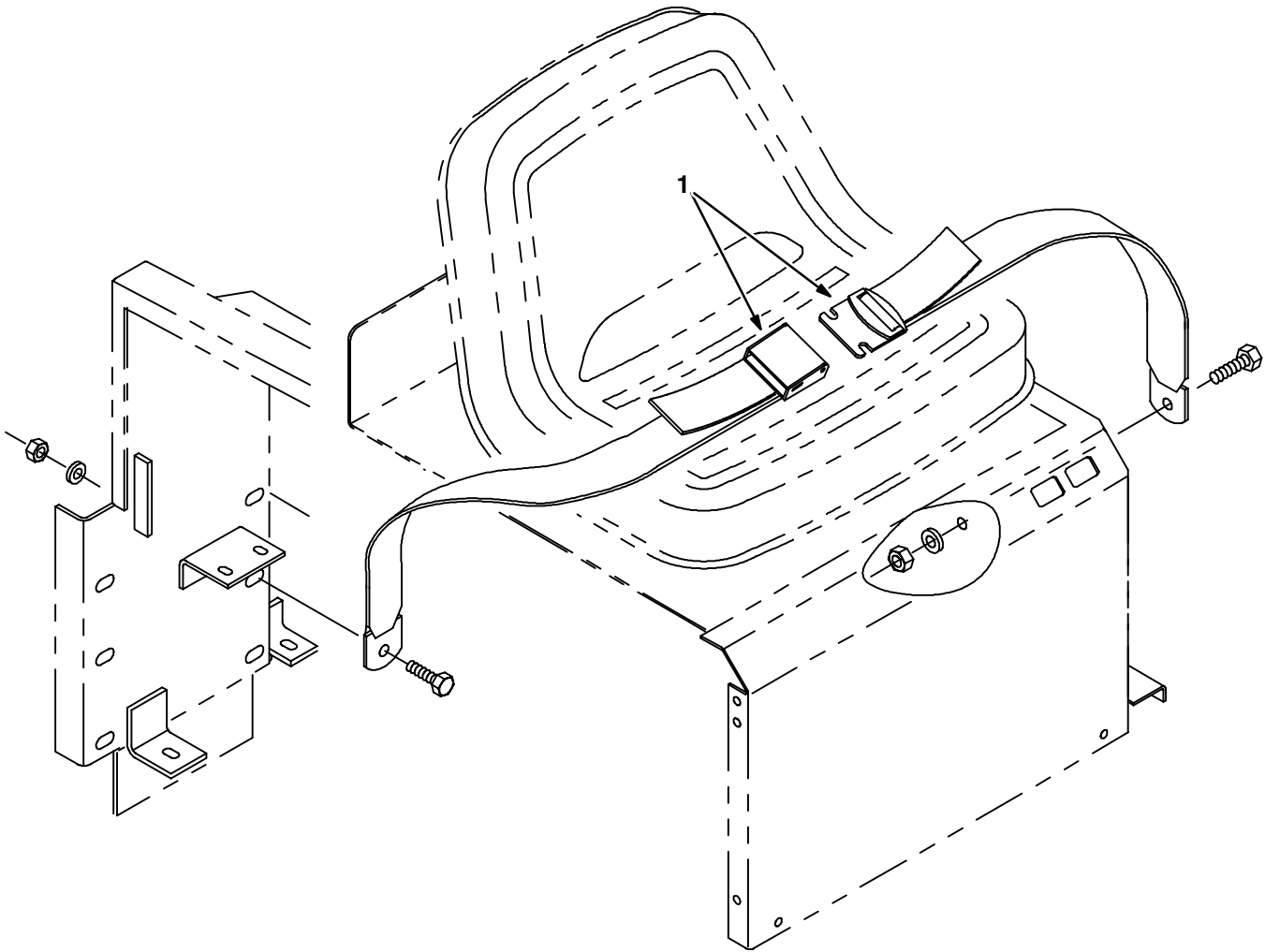
Fig. 9 – Vacuum Wand Kit



**Fig. 9 – Vacuum Wand Kit**

	<b>Ref.</b>	<b>Tennant Part No.</b>	<b>Machine Serial Number</b>	<b>Description</b>	<b>Qty.</b>
▽		59540	(000000–	) Wand Kit, Vac	1
▲	1	55964	(000000–	) Adaptor Wldt, Vac Wand	1
▲	2	44166	(000000–	) Chain,Jack#12, 6Links,Znc	1
▲	3	26395–2	(000000–	) Clamp–Cable, 0.38Dia 0.38Wth	1
▲	4	42124	(000000–	) Plug, Drain	1
▲	5	54012	(000000–	) Wand Weldment	1
▲	6	54009	(000000–	) Hose&2Cuff Assy,Vinyl2.0ld10Ft	1
▲	7	67004	(000000–	) Clip–Finger Grip	7

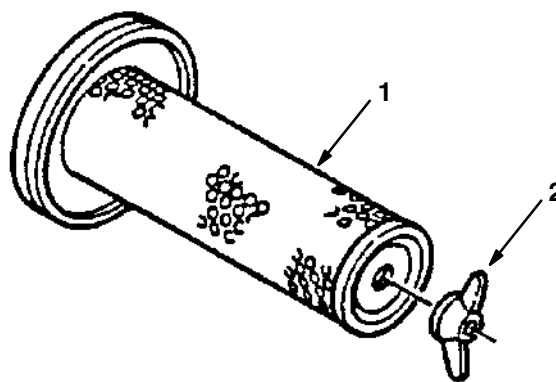
**Fig. 10 – Seat Belt Kit**



07877/08205

Ref.	Tenant Part No.	Machine Serial Number	Description	Qty.
▽	59384	(000000– )	Seat Belt Kit 355L	1
▲ 1	30533	(000000– )	Belt, Seat	1

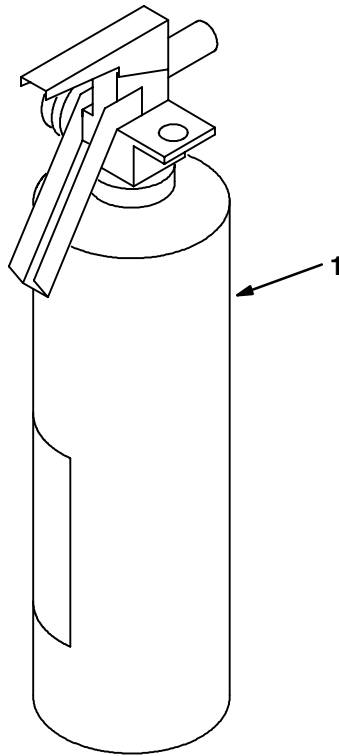
Fig. 11 – Air Filter Safety Element Kit



04712

	Ref.	Tennant Part No.	Machine Serial Number	Description	Qty.
▽		07565	(000000–	) Element Kit, Air, Safety	1
▲	1	58121	(000000–	) Element, Safety	1
▲	2	07562	(000000–	) Wingnut	1

**Fig. 12 – Fire Extinguisher Kit**

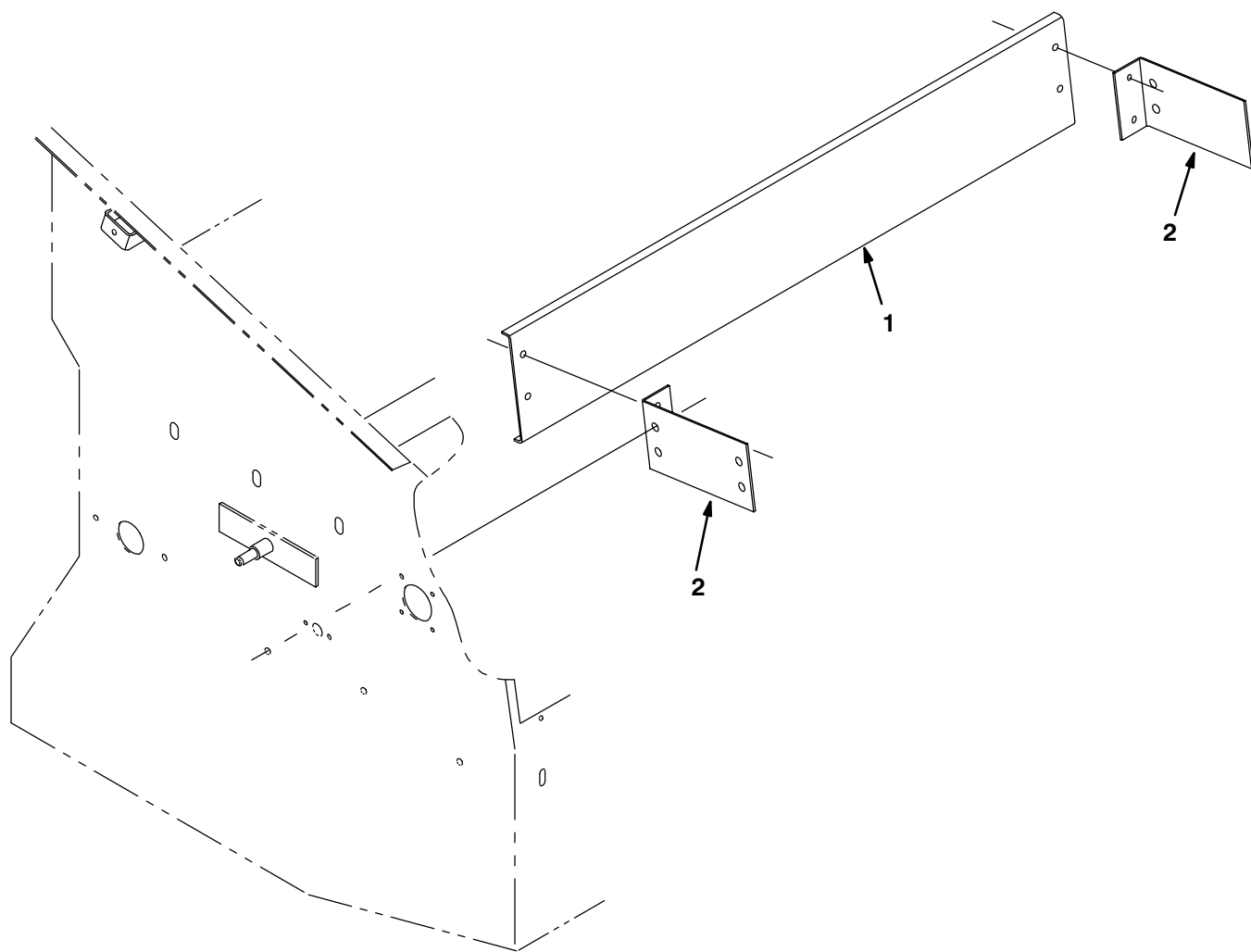


07932/07516

	<b>Ref.</b>	<b>Tennant Part No.</b>	<b>Machine Serial Number</b>	<b>Description</b>	<b>Qty.</b>
▽		59388	(000000– )	Extinguisher Kit Fire 355L	1
▲	1	25312	(000000– )	Extinguisher, Fire	1



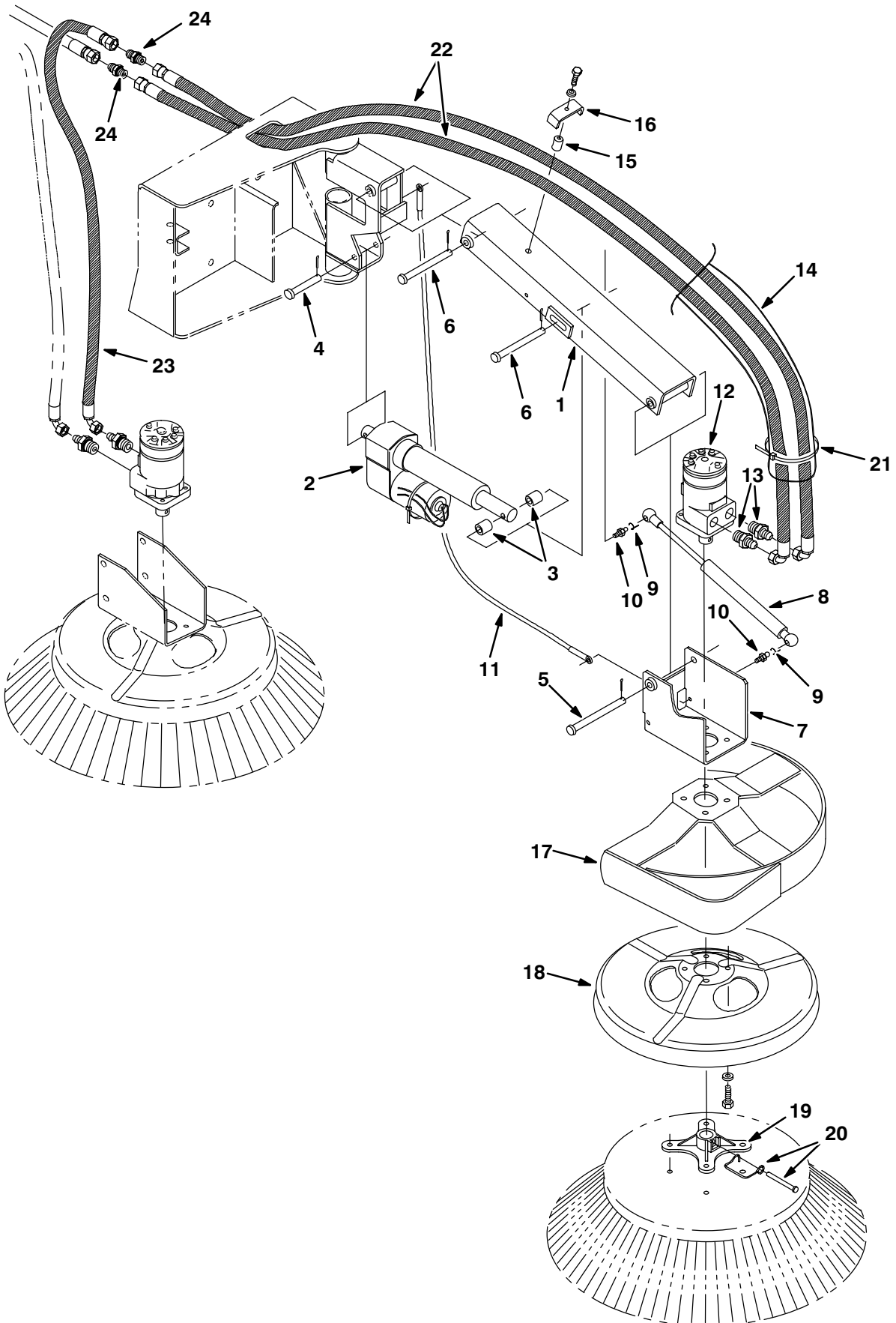
**Fig. 13 – Auxiliary Side Brush Hopper Deflector Group**



08619/08821

Ref.	Tennant Part No.	Machine Serial Number	Description	Qty.
1	72088	(000000– )	Plate, Deflector	1
2	32791	(000000– )	Bracket, Deflector	2

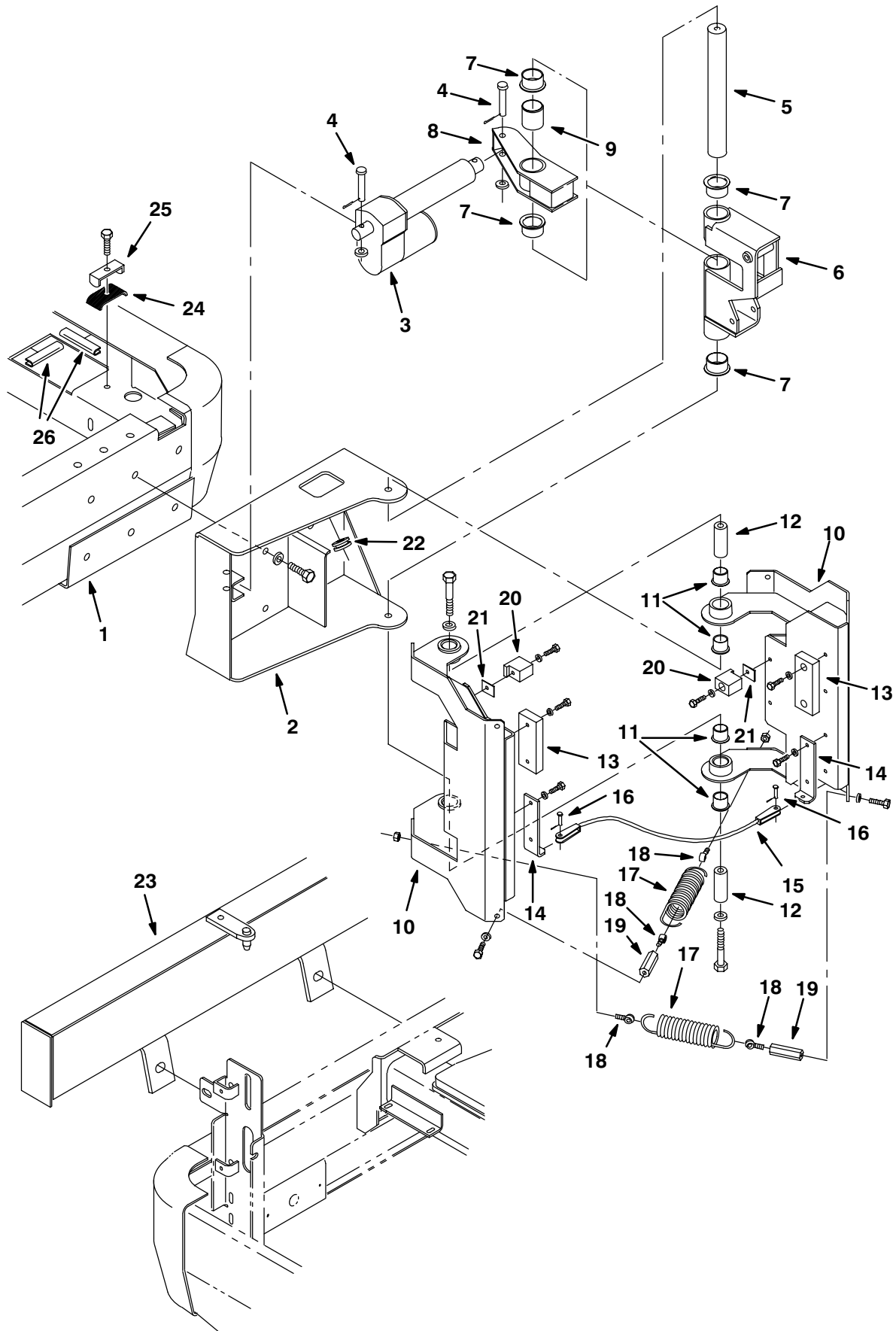
Fig. 14 – Auxiliary Side Brush Motor Group



**Fig. 14 – Auxiliary Side Brush Motor Group**

<b>Ref.</b>	<b>Tennant Part No.</b>	<b>Machine Serial Number</b>	<b>Description</b>	<b>Qty.</b>
1	55778	(000000–	) Arm Wldt	1
2	55776	(000000–	) Actuator, 12V 4.0Strk 250Lb	1
3	55834	(000000–	) Sleeve, .562B .88D .97 Stl	2
4	23683	(000000–	) Pin,Clevis,0.50 Dia.X 3.00 Lg	1
5	51225	(000000–	) Pin,Clevis,0.50 Dia.X 5.50 Lg	1
6	51538	(000000–	) Pin,Clevis,0.50 Dia.X 5.00 Lg	2
7	72544	(000000–	) Bracket Wldt, Mtg, Motor	1
8	82334	(000000–	) Spring–Gas 120Lb 6.30Stroke	1
9	64595	(000000–	) Clip, Safety	2
10	58494	(000000–	) Stud, Ball, Gas Spring	2
11	35298	(000000–	) Cable, Motor Bracket	1
12	53435	(000000–	) Motor, Hyd Gear In (See Breakdowns)	1
13	47508	(000000–	) Ftg–Hyd Str Jm06/Om10	2
14	35484	(000000–	) Sleeve–Nyln #24 45.0L	1
15	09900–1	(000000–	) Sleeve, .260B .50D .75 Pnt.Gr	1
16	51715	(000000–	) Clamp, Hose	1
17	72542	(000000–	) Guard Wldt, Brush	1
18	53984	(000000–	) Guard, Brush	1
19	47501	(000000–	) Hub, Brush Adaptor, 1.00B	1
20	84581	(000000–	) Pin Assy, Side Brush W/Clip	1
21	49266	(000000–	) Tie, Cable 1.75D Max 7.50Lg	13
22	31566	(000000–	) Hose–Hyd Med06 Jf/J9	2
23	01999	(000000–	) Hose–Hyd Med06 Jf/J9	1
24	15803	(000000–	) Ftg–Hyd Str Jm06/Jm06	2

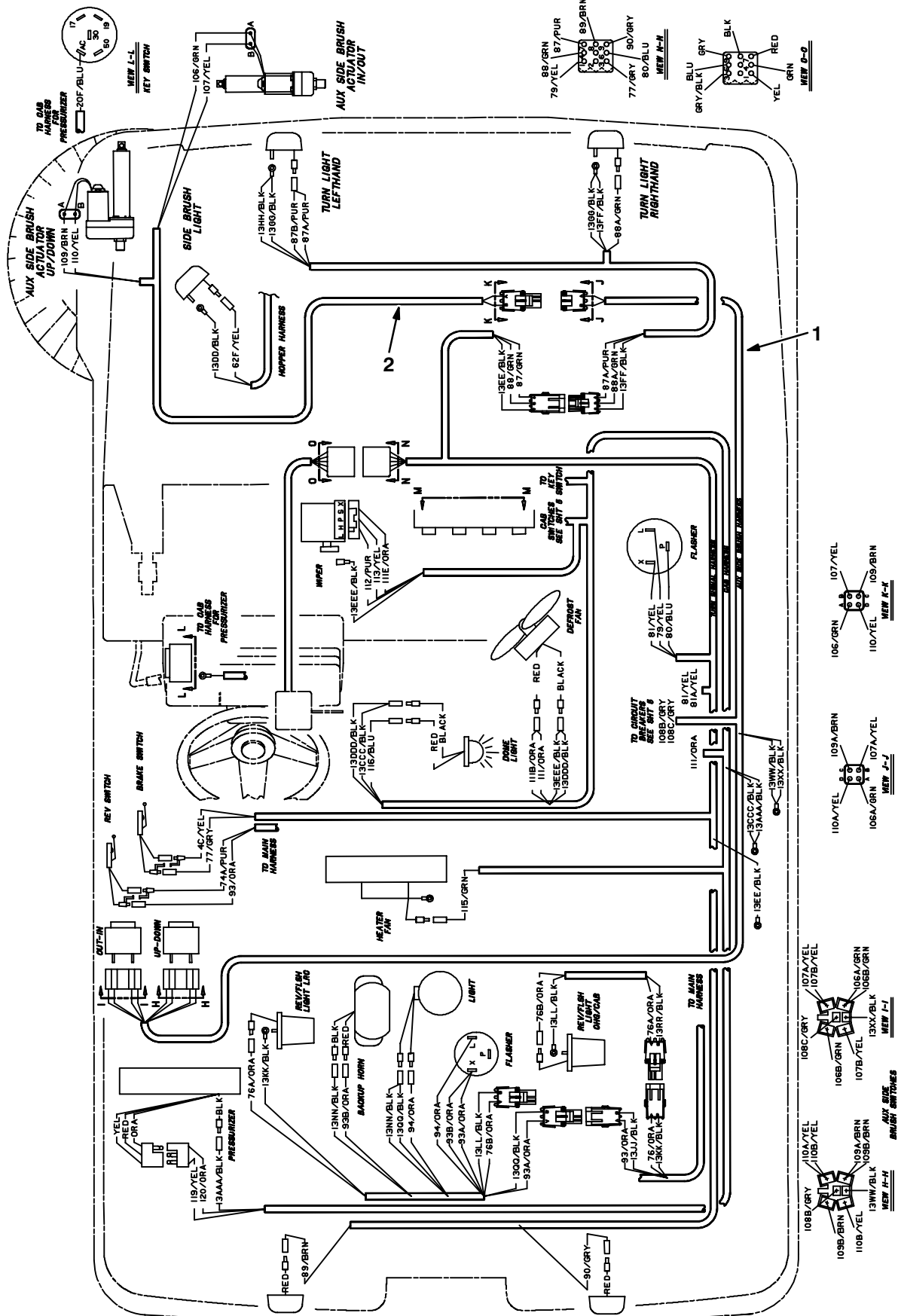
Fig. 15 – Auxiliary Side Brush Pivot Group



**Fig. 15 – Auxiliary Side Brush Pivot Group**

<b>Ref.</b>	<b>Tennant Part No.</b>	<b>Machine Serial Number</b>	<b>Description</b>	<b>Qty.</b>
1	72548	(000000–	) Bumper Wldt, Aux S Br, Front	1
2	72546	(000000–	) Channel Wldt, Support	1
3	35426	(000000–	) Actuator Assy, 12V	1
4	06279	(000000–	) Pin,Clevis,0.50 Dia.X 2.50 Lg	2
5	54427	(000000–	) Shaft, Pivot	1
6	54428	(000000–	) Pivot Wldt, Actuator	1
7	54620	(000000–	) Bearing, Flange, 1.50 Bore	4
8	54404	(000000–	) Pivot Wldt	1
9	54465	(000000–	) Bearing, Journal 1.50 Dia	1
10	54621	(000000–	) Spring Wldt, Support	2
11	54618	(000000–	) Bearing, Flange, 1.00 Bore	4
12	55767	(000000–	) Tube, Spacer	2
13	69994	(000000–	) Bumper	2
14	69995	(000000–	) Bracket, Cable	2
15	69991	(000000–	) Cable	1
16	36376	(000000–	) Pin,Clevis, .19 Dia.X .50 Lg	2
17	55617	(000000–	) Spring, Tension	4
18	69998	(000000–	) Hook, Spring	8
19	69997	(000000–	) Bar, Hex	4
20	69993	(000000–	) Bumper	2
21	59387	(000000–	) Plate	2
22	10632–1	(000000–	) Grom.,Rbr,1.06ld,For.19Matl L	1
23	74421	(000000–	) Bumper Weldt, Aux S.Br, Rear	1
24	70267	(000000–	) Pad, Rubber, Hose Clamp	1
25	70268	(000000–	) Clamp, Hose, Double, .437 Hole	1
26	13173	(000000–	) Molding, Trim 3/16–5/16 5.0	2

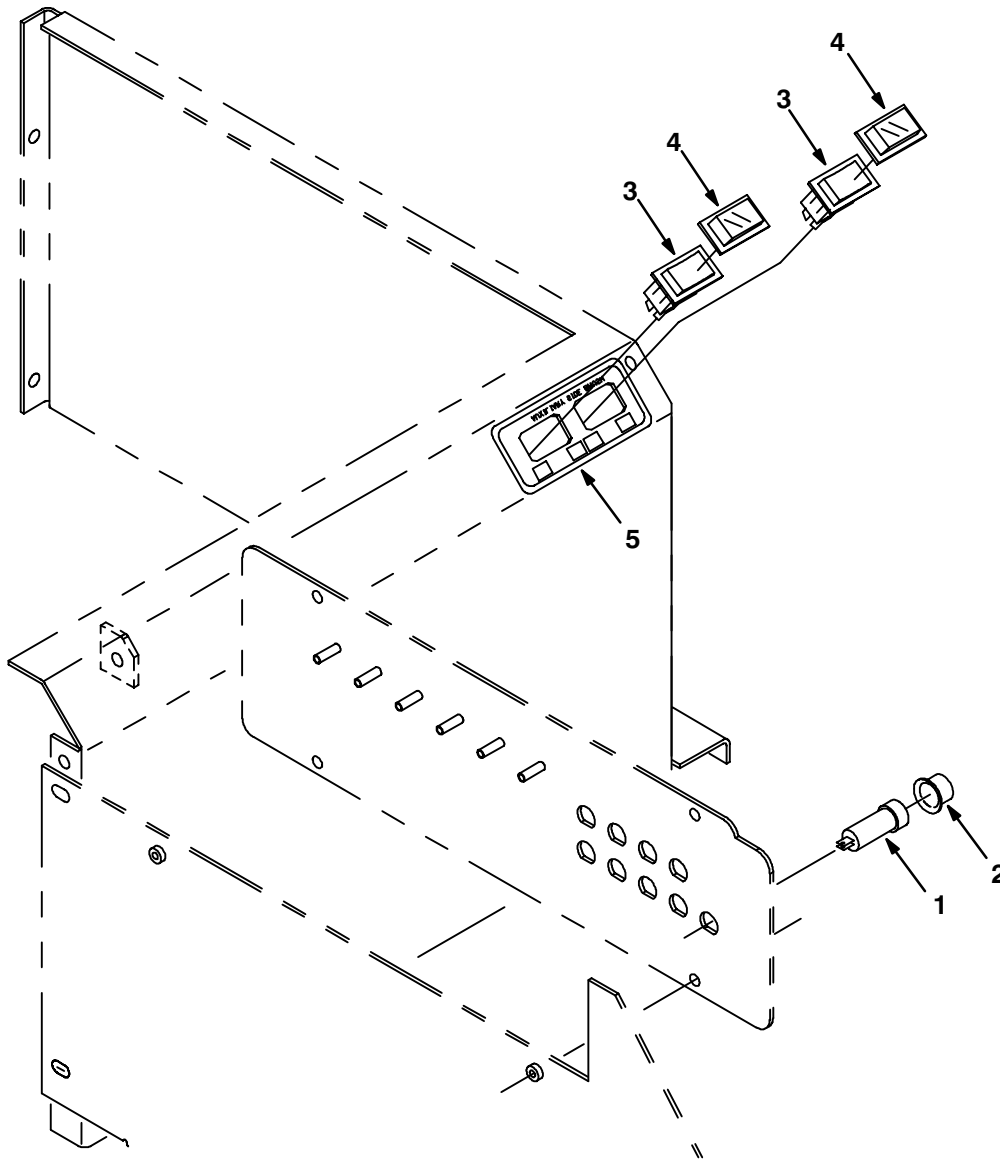
Fig. 16 – Auxiliary Side Brush Wire Harness Group



**Fig. 16 – Auxiliary Side Brush Wire Harness Group**

<b>Ref.</b>	<b>Tennant Part No.</b>	<b>Machine Serial Number</b>	<b>Description</b>	<b>Qty.</b>
1	60285	(000000–	) Harness, Aux Side Brush	1
2	60286	(000000–	) Harness, Aux Side Brush	1

**Fig. 17 – Auxiliary Side Brush Electrical Group**

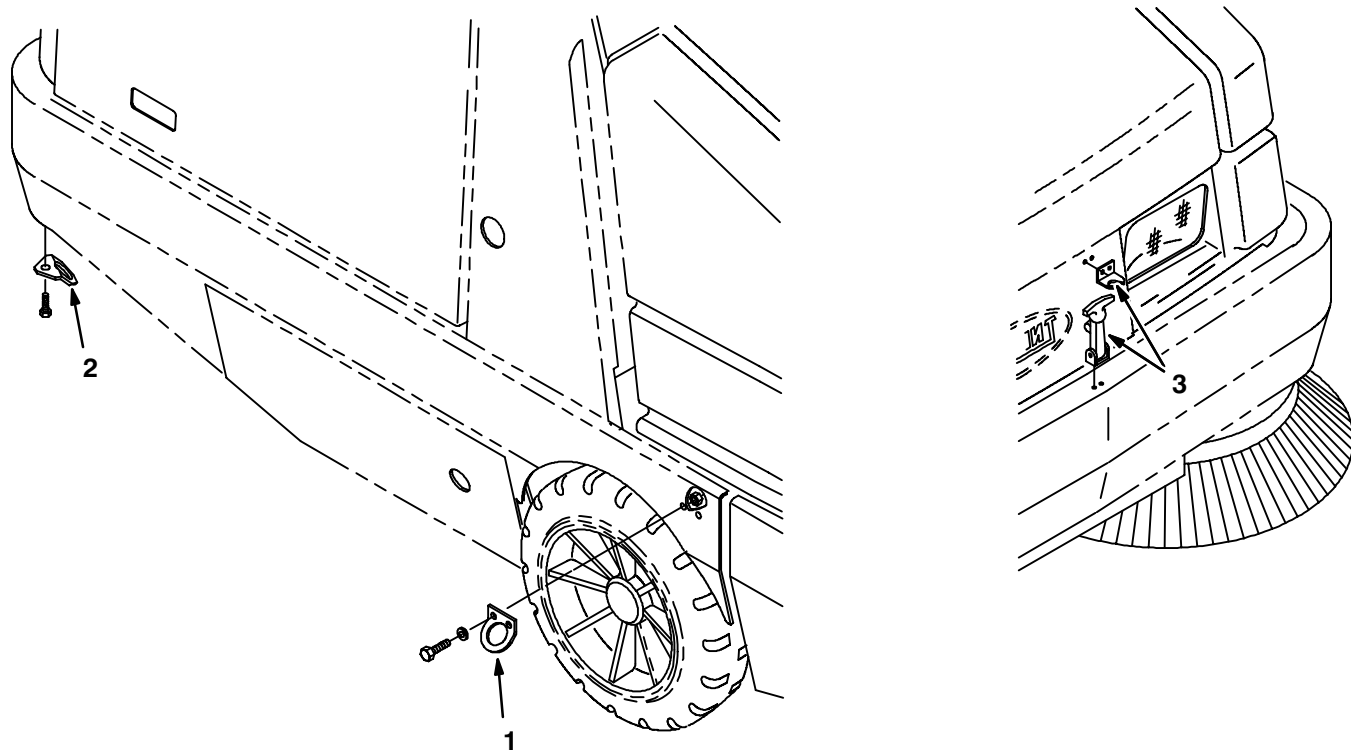


08901/08902

Ref.	Tennant Part No.	Machine Serial Number	Description	Qty.
1	57803	(000000– )	Breaker – Circuit, 15 Resetbl	1
2	57751	(000000– )	Boot, Circuit Breaker	1
3	65560	(000000– )	Switch, Rocker DPDT (mom)	2
4	57807	(000000– )	Cover, Rocker Switch Seal	2
5	69999	(000000– )	Label, Aux Side Brush	1



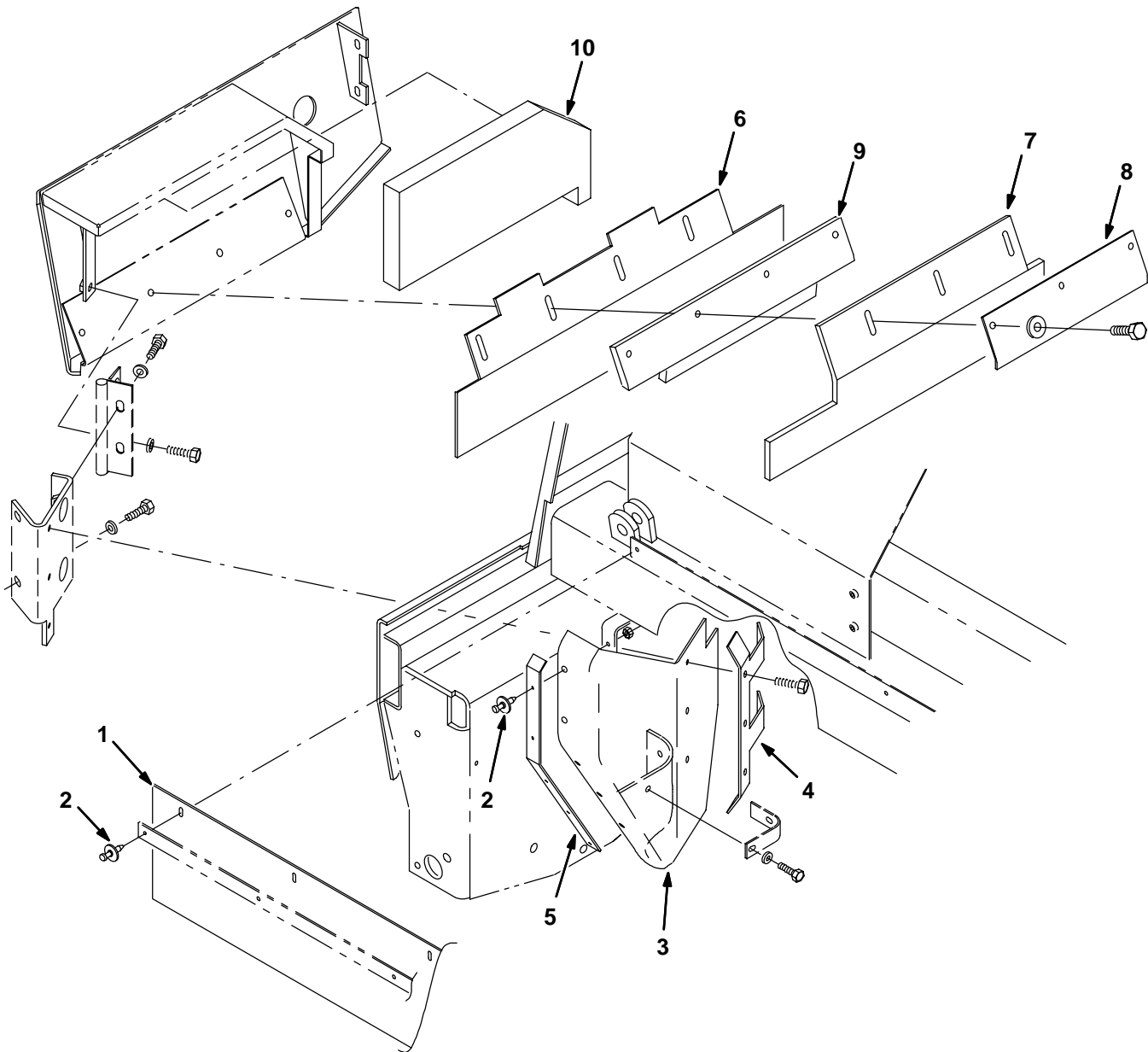
Fig. 18 – Demo Group



07937/09850

Ref.	Tennant Part No.	Machine Serial Number	Description	Qty.
1	82196	(000000– )	Bracket, Tiedown	2
2	14983	(000000– )	Bracket, Tiedown	2
3	11636	(000000– )	Latch, Draw, Flexible	1

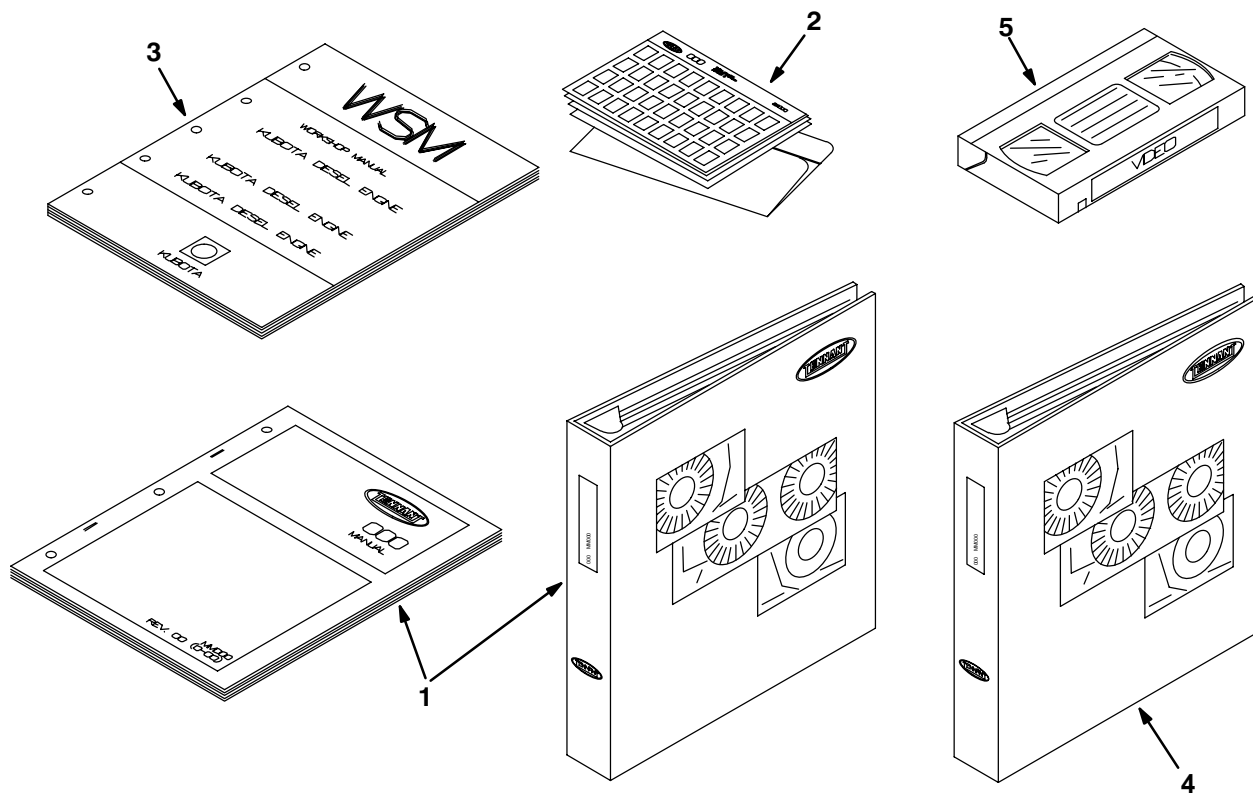
**Fig. 19 – Vacuumized Skirt Kit, Main Brush**



10192/10193

Ref.	Tennant Part No.	Machine Serial Number	Description	Qty.
▽	70229	(000000–007345 )	Vacuumized Skirt Kit, Main Bru	1
▲	1 56872	(000000–007345 )	Skirt, Hopper, Top	1
▲	2 72968	(000000–007345 )	Rivet, Plastic .250x.898	15
▲	3 70230	(000000–007345 )	Skirt, Deflection, Vac Kit	2
▲	4 70227	(000000–007345 )	Strap, Deflector, Rh	1
▲	70228	(000000–007345 )	Strap, Deflector, Lh (Not Shown)	1
▲	5 56914	(000000–007345 )	Strap	2
▲	6 70222	(000000–007345 )	Skirt, Brush Door, Outer	2
▲	7 70223	(000000–007345 )	Skirt, Brush Door, Inner	2
▲	8 70224	(000000–007345 )	Strip, Retainer	2
▲	9 70225	(000000–007345 )	Angle, Filler	2
▲	10 70226	(000000–007345 )	Seal, Foam, Door	2

Fig. 20 – Documentation Group



08805/07501

Ref.	Tenant Part No.	Machine Serial Number	Description	Qty.
1	MM321	(000000– )	Manual Pkg 385DLH	1
2	85321	(000000– )	Manual-Fiche Pkg 385DLH	1
3	61796	(000000–006055 )	Service Manual V1505 Ku	1
3	84660	(006056– )	Service Manual V1505E Ku	1
4	MM302	(000000– )	Manual Service 355/385	1
5	48841	(000000– )	355L Oper/Video VHS	1



## SECTION 4

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Fig. 1 – Hydraulic Piston Pump Breakdown, 53604

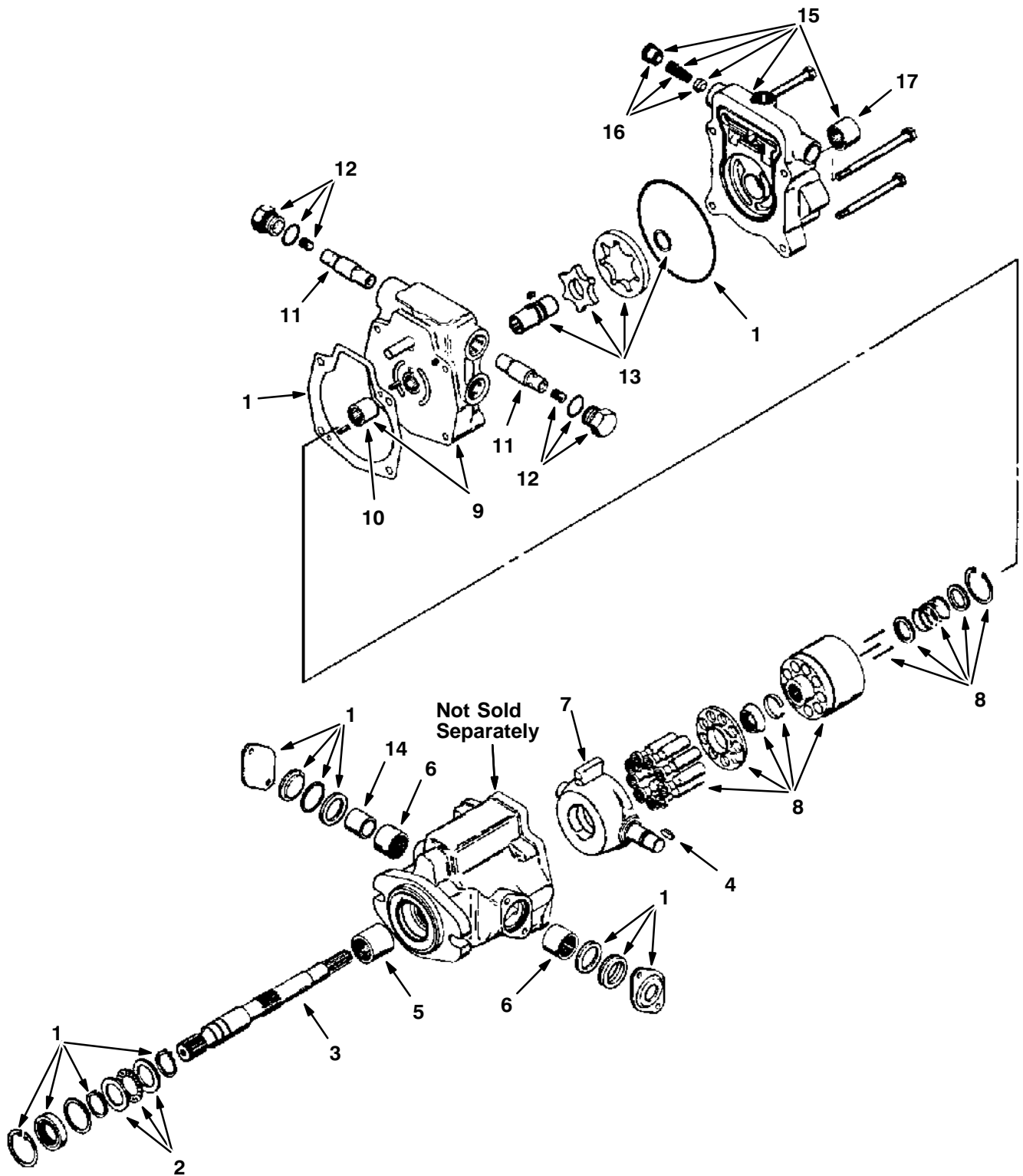


Fig. 1 – Hydraulic Piston Pump Breakdown, 53604

	Ref.	Tennant Part No.	Manufacturer Serial Number	Description	Qty.
▽		53604	(000000– )	Pump, Hydraulic (Repl. by 70134)	1
▲	1	02711	(000000– )	Seal Kit	1
▲	2	55922	(000000– )	Bearing Kit, Thrust	1
▲	3	55931	(000000– )	Shaft, Pump	1
▲	4	02710	(000000– )	Key	1
▲	5	55939	(000000– )	Bearing, Roller	1
▲	6	02709	(000000– )	Bearing, Trunnion	2
▲	7	58009	(000000– )	Plate, Cam	1
▲	8	02706	(000000– )	Rotating Kit	1
▲▽	9	74216	(000000– )	Backplate Assy	1
▲▲	10	55937	(000000– )	Bearing, Roller	1
▲	11	55941	(000000– )	Valve, Relief	2
▲	12	57210	(000000– )	Plug Assembly	2
▲	13	55932	(000000– )	Gerotor and Coupler Assembly	1
▲	14	02705	(000000– )	Bearing, Inner Race	1
▲▽	15	55930	(000000– )	Pump Adaptor Assembly	1
▲▲	16	55906	(000000– )	Valve, Charge Relief	1
▲▲	17	55929	(000000– )	Bearing, Roller	1

**Fig. 2 – Hydraulic Piston Pump Breakdown, 74466**

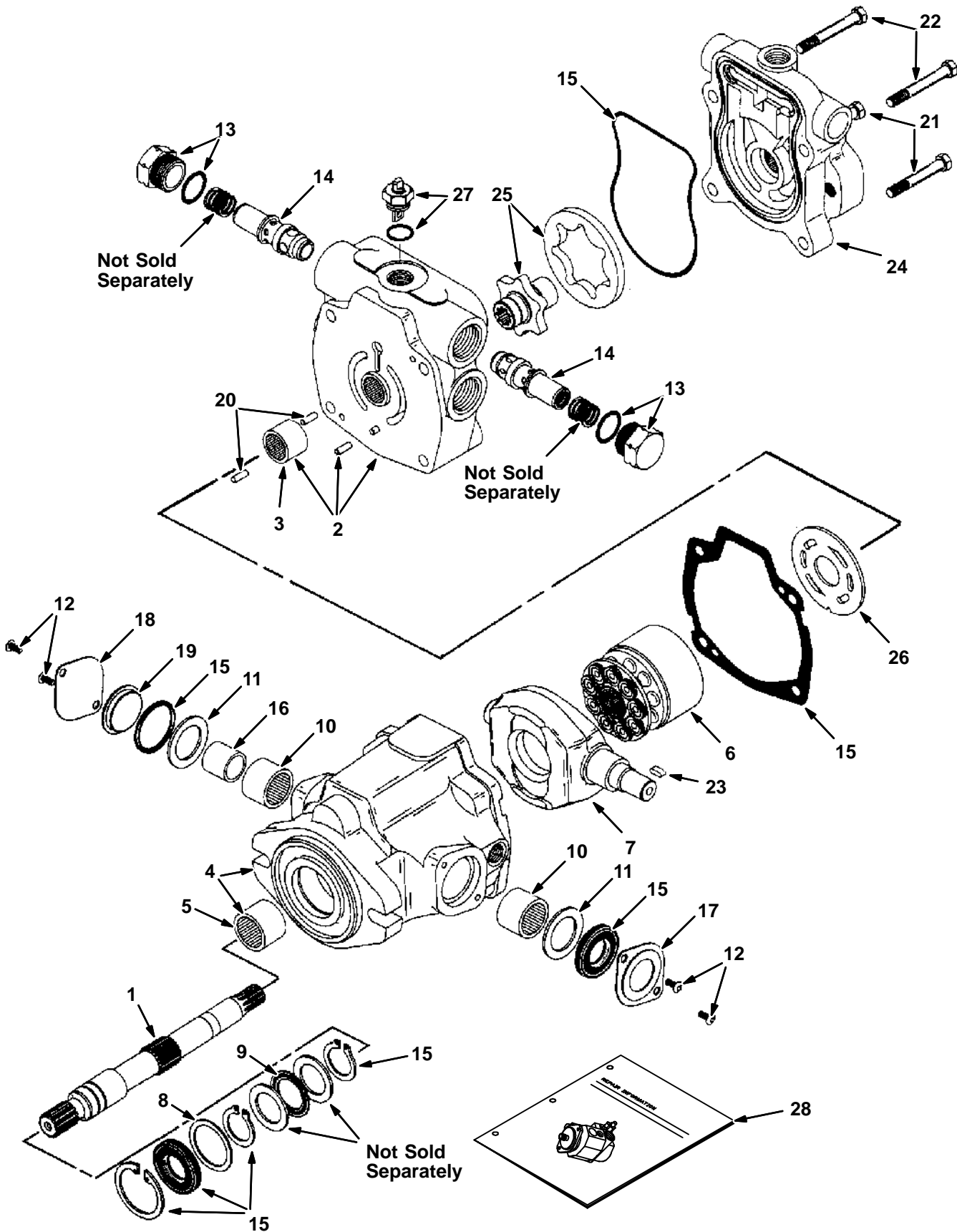




Fig. 2 – Hydraulic Piston Pump Breakdown, 74466

	Ref.	Tennant Part No.	Manufacturer Serial Number	Description	Qty.
▽		74466	(000000– )	Pump, Hyd Piston V 1.44 R 4000 (Repl. by 70180)	1
▲	1	55931	(000000– )	Pump Driveshaft	1
▲▽	2	70094	(000000– )	Backplate Assy Ce	1
▲▲	3	55937	(000000– )	Roller Bearing	1
▲▽	4	70095	(000000– )	Pump Housing Assy Ce	1
▲▲	5	55939	(000000– )	Roller Bearing	1
▲	6	02706	(000000– )	Rotating Kit	1
▲	7	58009	(000000– )	Camplate Ce	1
▲	8	70096	(000000– )	Washer Ce	1
▲	9	55922	(000000– )	Thrustbearing Kit	1
▲	10	02709	(000000– )	Bearing Cam	2
▲	11	70097	(000000– )	Washer Ce	2
▲	12	19320	(000000– )	Scr Pan 06–32X0.38	4
▲	13	57210	(000000– )	Plug Assembly	2
▲	14	55941	(000000– )	Relief Valve	2
▲	15	70103	(000000– )	Seal Kit, Pump Ce	1
▲	16	02705	(000000– )	Race, Inner Bearing	1
▲	17	52386	(000000– )	Cover	1
▲	18	70098	(000000– )	Cover, Trunion Ce	1
▲	19	70099	(000000– )	Cover, O–Ring Ce	1
▲	20	70100	(000000– )	Pin, Dowel Ce	2
▲	21	19574	(000000– )	Scr Hex .31–18X3.25	2
▲	22	70101	(000000– )	Scr,.31–18X3.75G5Ce	2
▲	23	02710	(000000– )	Key	1
▲	24	55930	(000000– )	Pump Adaptor Assy	1
▲	25	55932	(000000– )	Geroter & Coupler	1
▲	26	70102	(000000– )	Plate, Valve Ce	1
▲	27	74143	(000000– )	Valve Kit, Tow	1
	28	74248	(000000– )	Repair Info	1

**Fig. 3 – Hydraulic Piston Pump Breakdown, 79769**

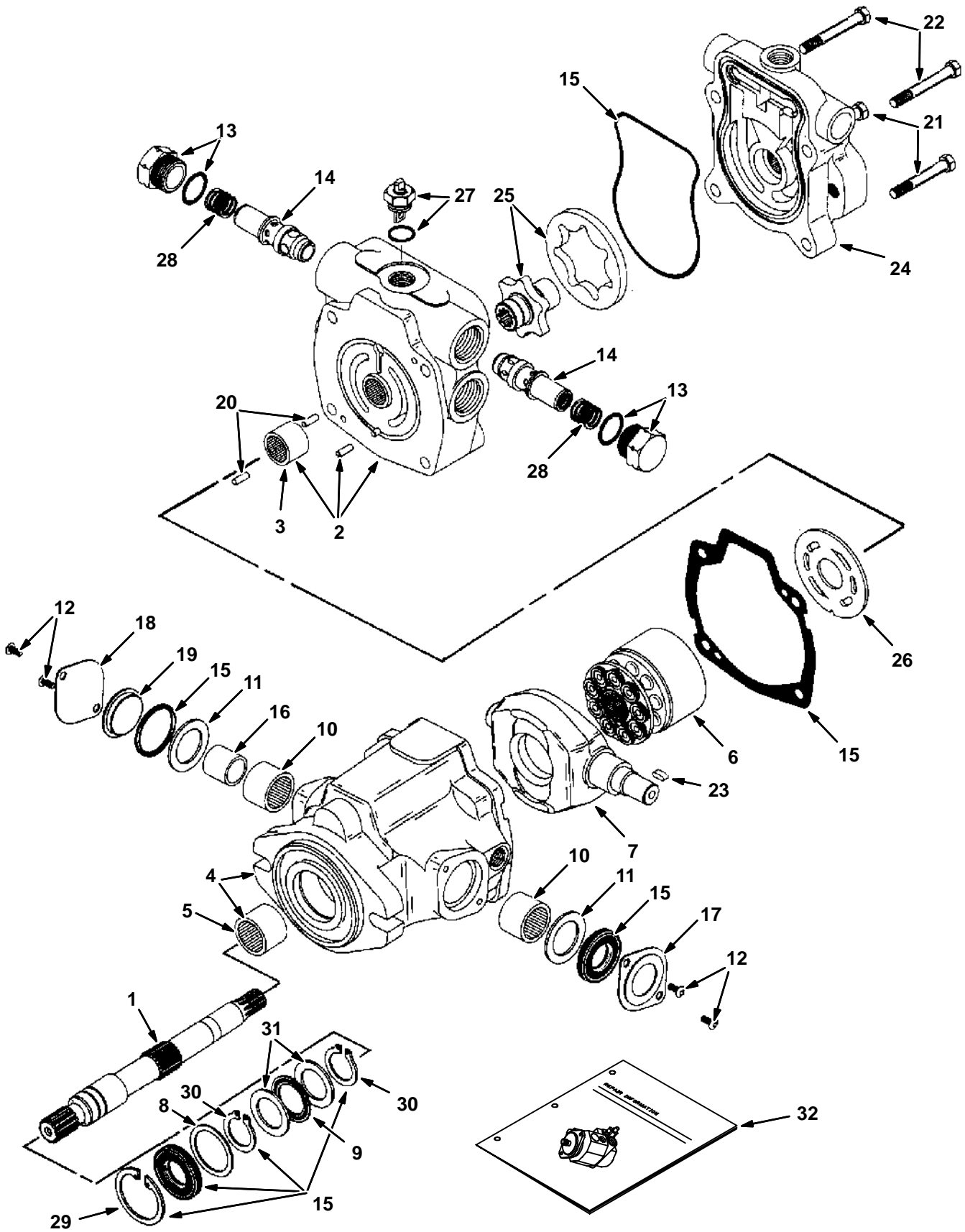
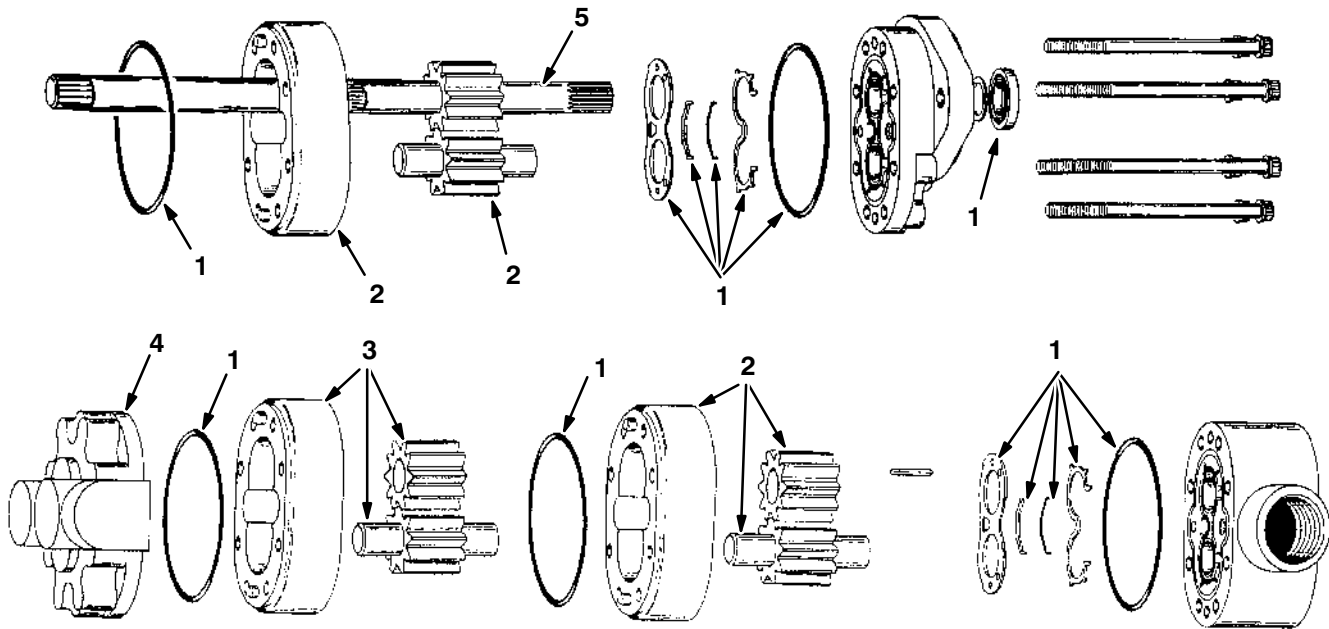


Fig. 3 – Hydraulic Piston Pump Breakdown, 79769

Ref.	Tennant Part No.	Manufacturer Serial Number	Description	Qty.
▽	79769	(000000– )	Pump, Hyd Piston V 1.44 R 4000	1
▲	1 55931	(000000– )	Pump Driveshaft	1
▲▽	2 70094	(000000– )	Backplate Assy Ce	1
▲▲	3 55937	(000000– )	Roller Bearing	1
▲▽	4 70095	(000000– )	Pump Housing Assy Ce	1
▲▲	5 55939	(000000– )	Roller Bearing	1
▲	6 02706	(000000– )	Rotating Kit	1
▲	7 58009	(000000– )	Camplate Ce	1
▲	8 70096	(000000– )	Washer Ce	1
▲	9 74225	(000000– )	Bearing, Thrust	1
▲	10 02709	(000000– )	Bearing Cam	2
▲	11 70097	(000000– )	Washer Ce	2
▲	12 61891	(000000– )	Screws	4
▲	13 74230	(000000– )	Plug Assembly	2
▲	14 55941	(000000– )	Valve–Relief 4000 PSI	2
▲	15 70103	(000000– )	Seal Kit, Pump Ce	1
▲	16 02705	(000000– )	Race, Inner Bearing	1
▲	17 52386	(000000– )	Cover	1
▲	18 70098	(000000– )	Cover, Trunion Ce	1
▲	19 70099	(000000– )	Cover, O–Ring Ce	1
▲	20 70100	(000000– )	Pin, Dowel Ce	2
▲	21 74235	(000000– )	Scr Hex .31–18X3.25	2
▲	22 70101	(000000– )	Screw, Cap	2
▲	23 74237	(000000– )	Key	1
▲	24 55930	(000000– )	Pump Adaptor Assy	1
▲	25 55932	(000000– )	Geroter & Coupler	1
▲	26 74180	(000000– )	Plate, Valve Ce	1
▲	27 74469	(000000– )	Valve, Dump	1
▲	28 74229	(000000– )	Spring	2
▲	29 55926	(000000– )	Retaining Ring	1
▲	30 55925	(000000– )	Retaining Ring	2
▲	31 74226	(000000– )	Race, Bearing	2
	32 74248	(000000– )	Repair Info	1

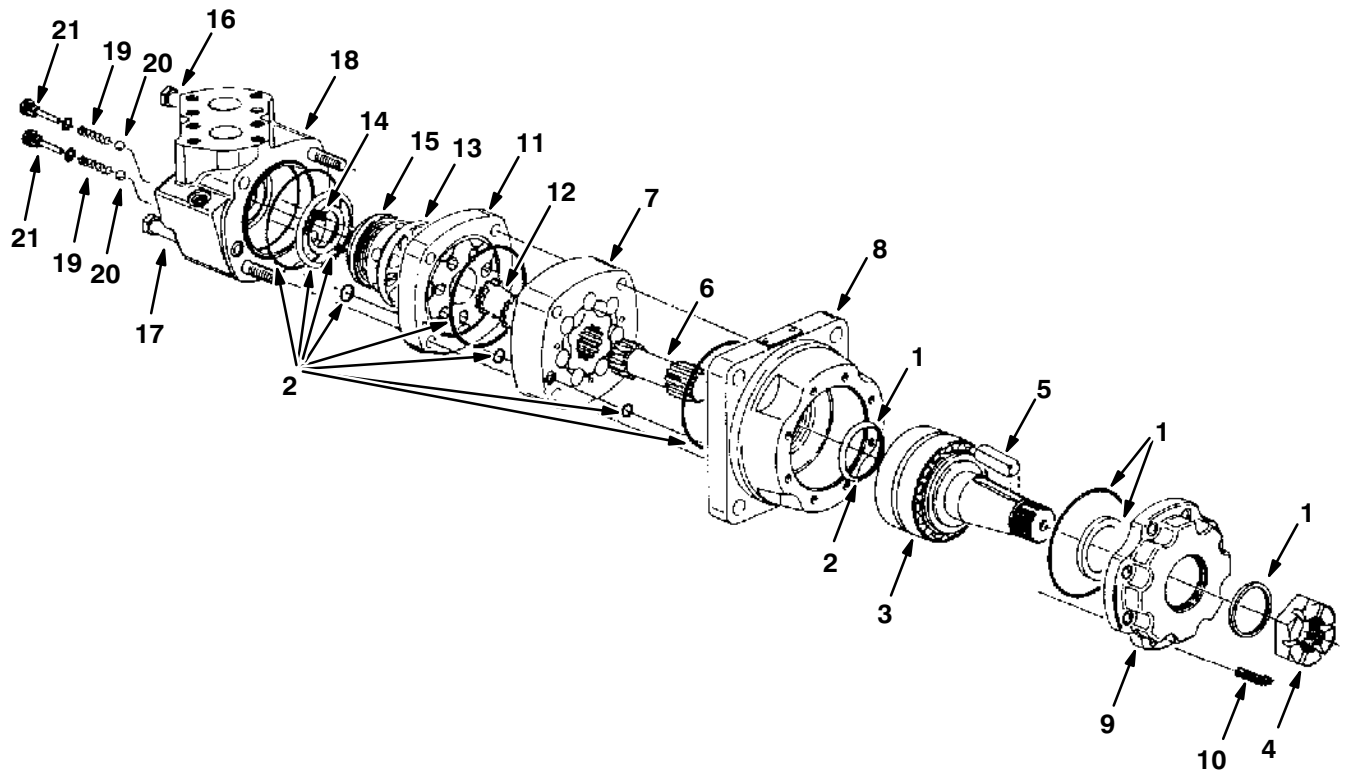
**Fig. 4 – Hydraulic Gear Pump Breakdown, 53622**



07903/07488

Ref.	Tennant Part No.	Manufacturer Serial Number	Description	Qty.
▽	53622	(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	59382 (000000– )	Drive Shaft	1

**Fig. 5 – Hydraulic Motor Breakdown, 59804**



07906/07489

Ref.	Tenant Part No.	Manufacturer Serial Number	Description	Qty.
▽	59804	(000000- )	Motor, Hydraulic	1
▲	1	58269 (000000- )	Seal Kit, Shaft	1
▲	2	33580 (000000- )	Seal Kit, Rear	1
▲	3	33694 (000000- )	Shaft And Bearing Assembly	1
▲	4	45622 (000000- )	Nut	1
▲	5	45623 (000000- )	Key	1
▲	6	37616 (000000- )	Drive	1
▲	7	37756 (000000- )	Gerotor	1
▲	8	74121 (000000- )	Housing	1
▲	9	37955 (000000- )	Retainer Front	1
▲	10	38776 (000000- )	Screw	8
▲	11	74122 (000000- )	Plate, Valve	1
▲	12	52405 (000000- )	Drive	1
▲	13	74123 (000000- )	Valve	1
▲	14	34178 (000000- )	Spring	2
▲	15	38965 (000000- )	Ring, Assembly	1
▲	16	38255 (000000- )	Bolt	1
▲	17	74125 (000000- )	Bolt	3
▲▽	18	74124 (000000- )	Valve, Housing	1
▲▲	19	34179 (000000- )	Spring	2
▲▲	20	37766 (000000- )	Ball	2
▲▲	21	74137 (000000- )	Bolt	2

Fig. 6 – Hydraulic Motor Breakdown, 48663

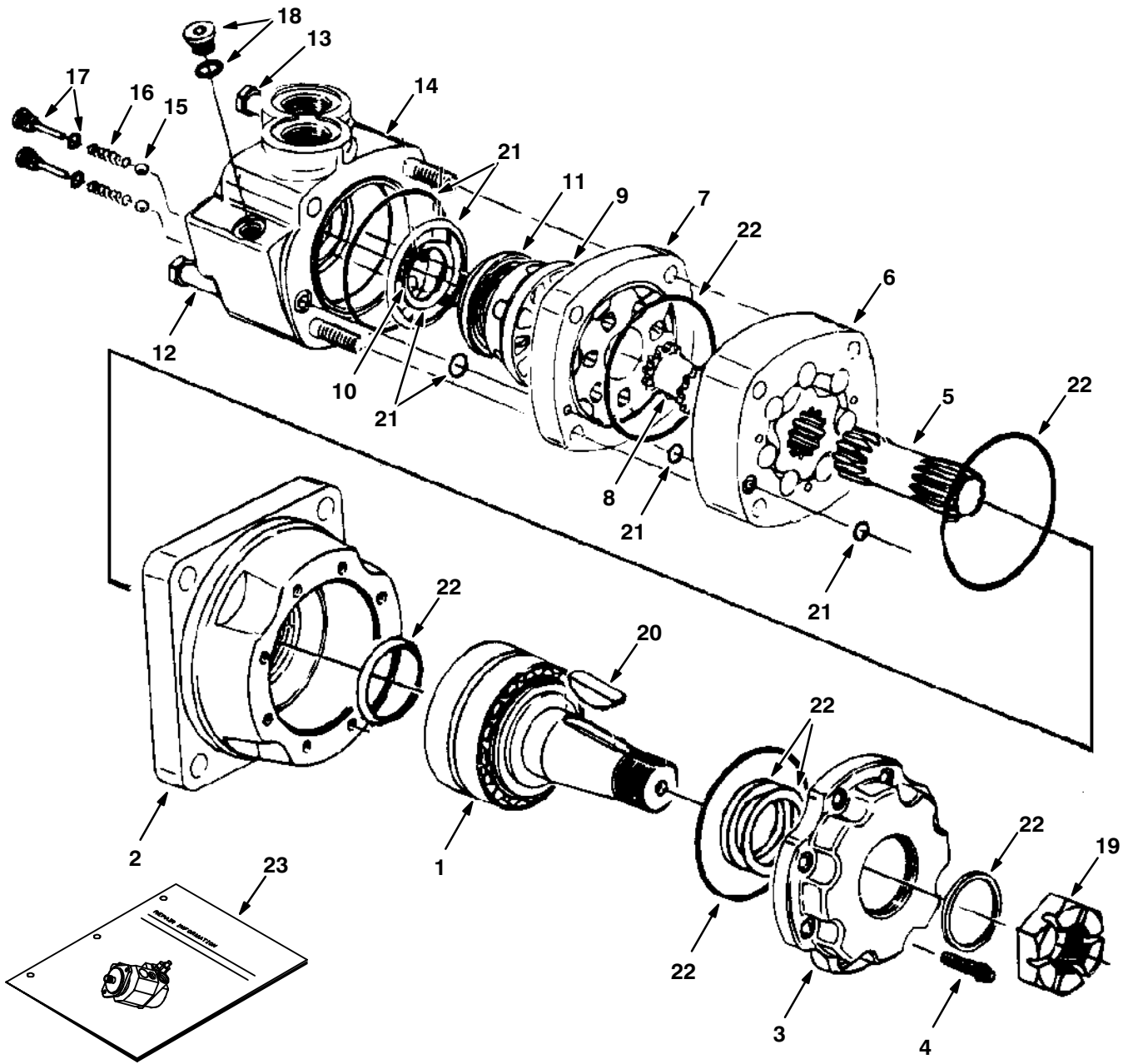


Fig. 6 – Hydraulic Motor Breakdown, 48663

Ref.	Tennant Part No.	Manufacturer Serial Number	Description	Qty.
▽	48663	(000000–	) Motor, Hydraulic (Repl. by 74162)	1
▲	1 33694	(000000–	) Shaft, Assy	1
▲	2 74121	(000000–	) Housing, Brg	1
▲	3 37955	(000000–	) Retainer, Frt	1
▲	4 74168	(000000–	) Screw, Cap	8
▲	5 37616	(000000–	) Drive	1
▲	6 37756	(000000–	) Geroler	1
▲	7 74122	(000000–	) Plate, Valve	1
▲	8 52405	(000000–	) Valve	1
▲	9 74123	(000000–	) Valve	1
▲	10 34178	(000000–	) Spring	2
▲	11 38968	(000000–	) Ring	1
▲	12 74125	(000000–	) Bolt	3
▲	13 38255	(000000–	) Bolt	1
▲	14 74124	(000000–	) Housing, Assy	1
▲	15 37766	(000000–	) Ball	2
▲	16 34179	(000000–	) Spring	2
▲	17 74137	(000000–	) Plug Assembly	2
▲	18 74098	(000000–	) Plug Assembly	1
▲	19 45622	(000000–	) Nut	1
▲	20 45623	(000000–	) Key	1
▲	21 33580	(000000–	) Seal Kit, Rear	1
▲	22 33579	(000000–	) Seal Kit, Shaft	1
	23 74249	(000000–	) Repair Info.	1

Fig. 7 – Hydraulic Motor Breakdown, 74162

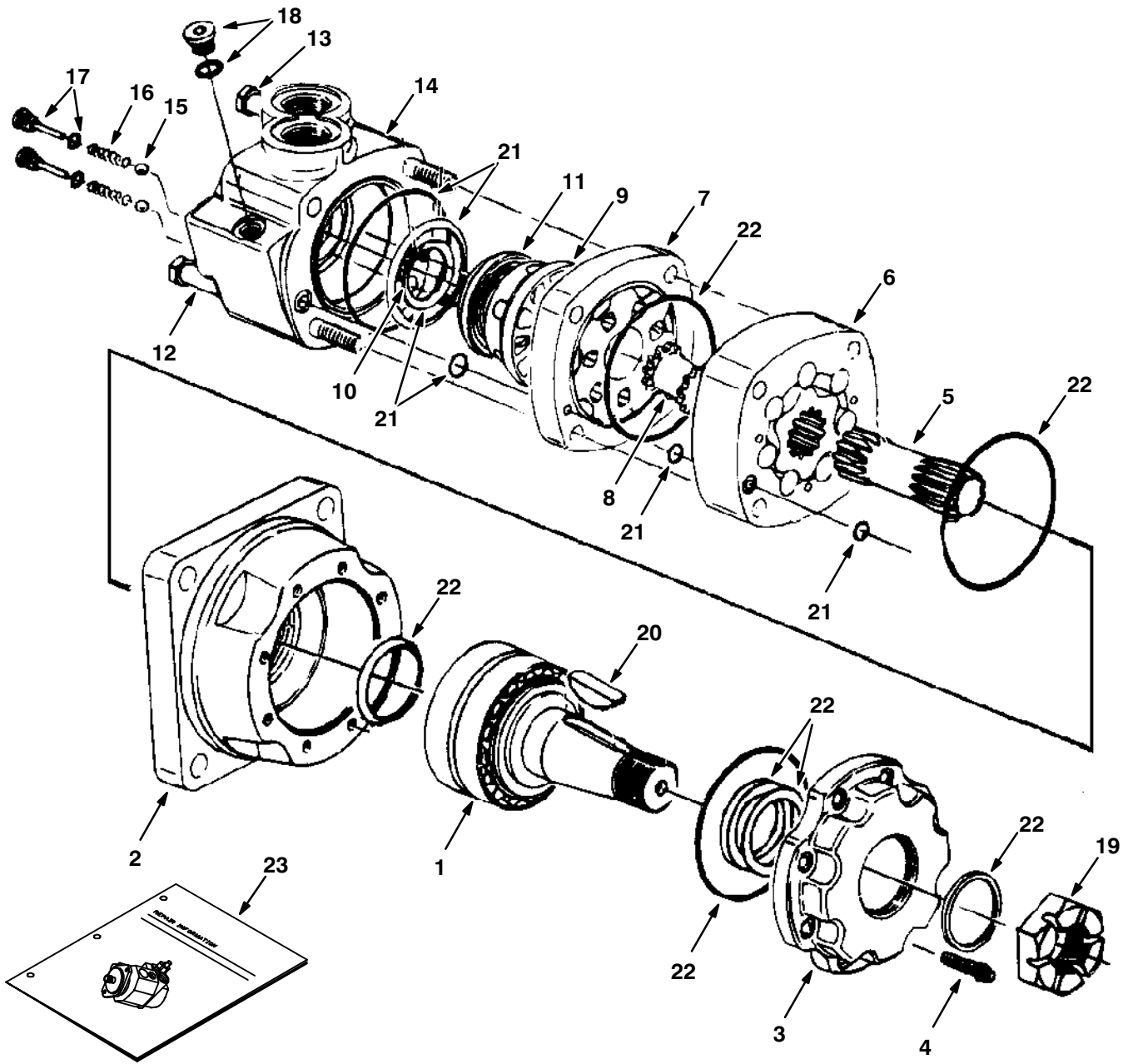




Fig. 7 – Hydraulic Motor Breakdown, 74162

Ref.	Tennant Part No.	Manufacturer Serial Number	Description	Qty.
▽	74162	(000000–	) Motor, Hyd Gear In 19.0	1
▲	1 74165	(000000–	) Shaft, Assy	1
▲	2 74166	(000000–	) Housing, Brg	1
▲	3 74167	(000000–	) Retainer, Frt	1
▲	4 74168	(000000–	) Screw, Cap	8
▲	5 37616	(000000–	) Drive	1
▲	6 37756	(000000–	) Geroler	1
▲	7 74122	(000000–	) Plate, Valve	1
▲	8 52405	(000000–	) Valve	1
▲	9 74123	(000000–	) Valve	1
▲	10 34178	(000000–	) Spring	2
▲	11 38968	(000000–	) Ring	1
▲	12 74125	(000000–	) Bolt	3
▲	13 38255	(000000–	) Bolt	1
▲	14 74171	(000000–	) Housing, Assy	1
▲	15 37766	(000000–	) Ball	2
▲	16 34179	(000000–	) Spring	2
▲	17 74137	(000000–	) Plug Assembly	2
▲	18 74098	(000000–	) Plug Assembly	1
▲	19 45622	(000000–	) Nut	1
▲	20 45623	(000000–	) Key	1
▲	21 33580	(000000–	) Seal Kit, Rear	1
▲	22 74170	(000000–	) Seal Kit, Shaft	1
	23 74249	(000000–	) Repair Info.	1

Fig. 8 – Hydraulic Motor Breakdown, 22604

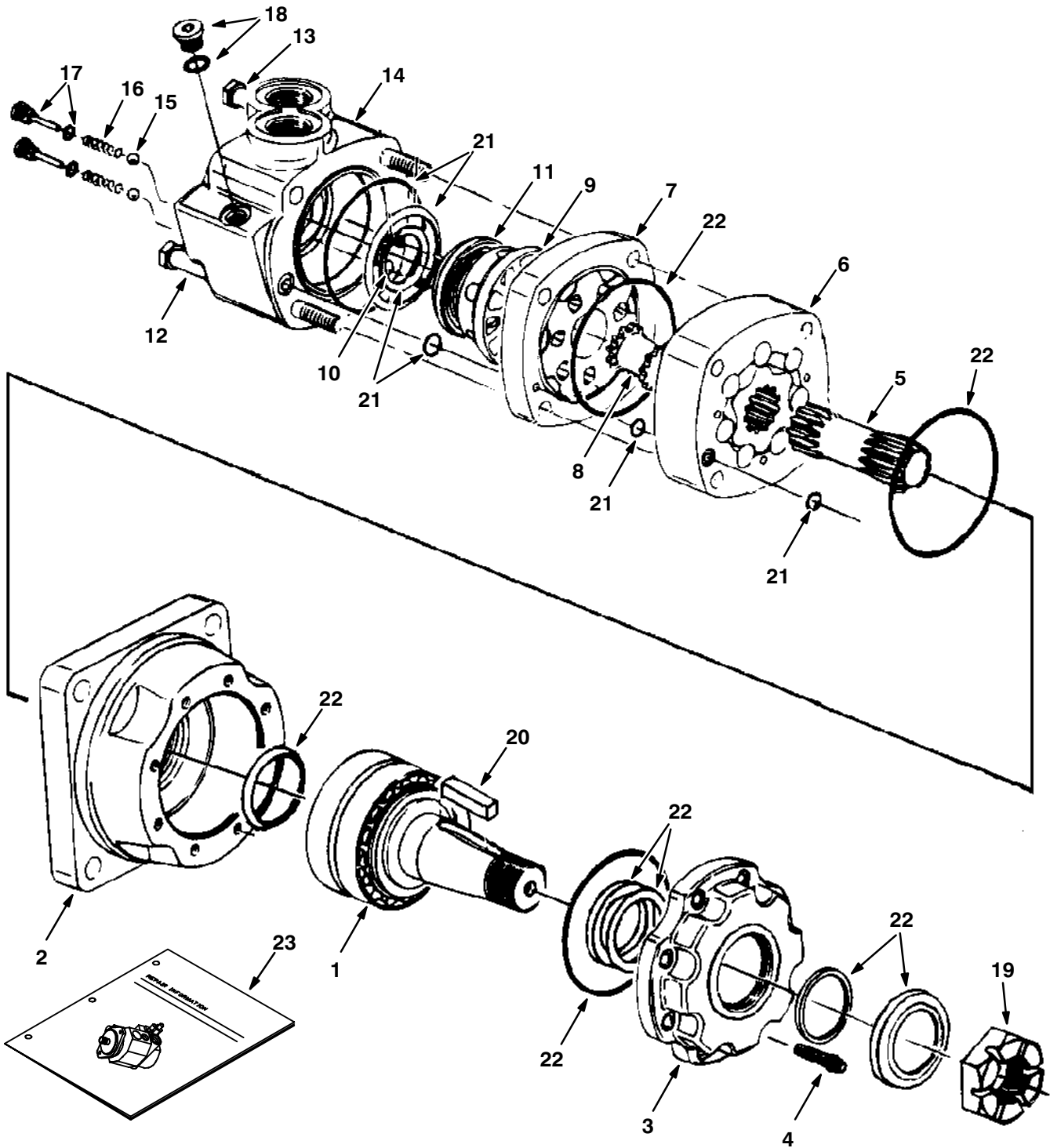
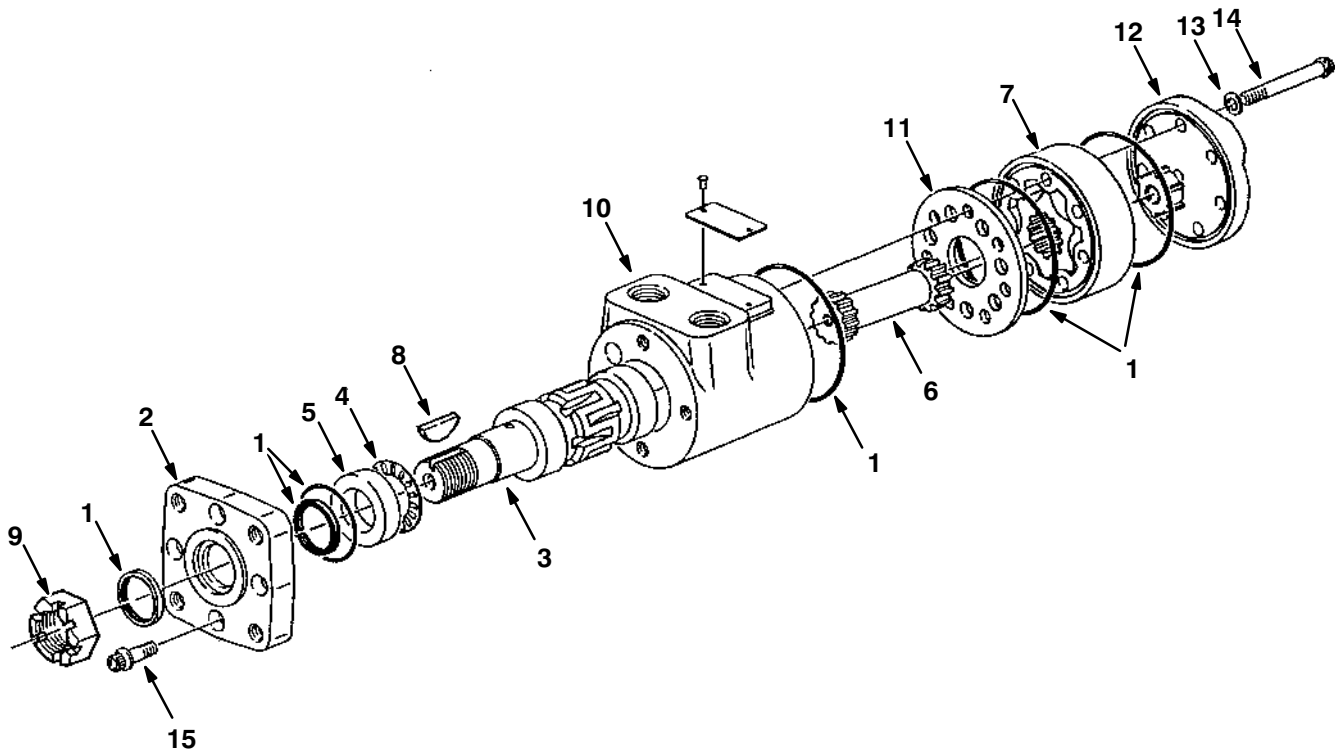


Fig. 8 – Hydraulic Motor Breakdown, 22604

Ref.	Tennant Part No.	Manufacturer Serial Number	Description	Qty.
▽	22604	(000000-	) Motor, Hyd Gear In 19.0 B 3000	1
▲	1 74165	(000000-	) Shaft, Assy	1
▲	2 74166	(000000-	) Housing, Brg	1
▲	3 74167	(000000-	) Retainer, Frt	1
▲	4 74168	(000000-	) Screw, Cap	8
▲	5 37616	(000000-	) Drive	1
▲	6 37756	(000000-	) Geroler	1
▲	7 74122	(000000-	) Plate, Valve	1
▲	8 52405	(000000-	) Valve	1
▲	9 74123	(000000-	) Valve	1
▲	10 34178	(000000-	) Spring	2
▲	11 38968	(000000-	) Ring	1
▲	12 74125	(000000-	) Bolt	3
▲	13 38255	(000000-	) Bolt	1
▲	14 74171	(000000-	) Housing, Assy	1
▲	15 37766	(000000-	) Ball	2
▲	16 34179	(000000-	) Spring	2
▲	17 74137	(000000-	) Plug Assembly	2
▲	18 74098	(000000-	) Plug Assembly	1
▲	19 45622	(000000-	) Nut	1
▲	20 45623	(000000-	) Key	1
▲	21 33580	(000000-	) Seal Kit, Rear	1
▲	22 79828	(000000-	) Seal Kit, Shaft	1
	23 74249	(000000-	) Repair Info.	1

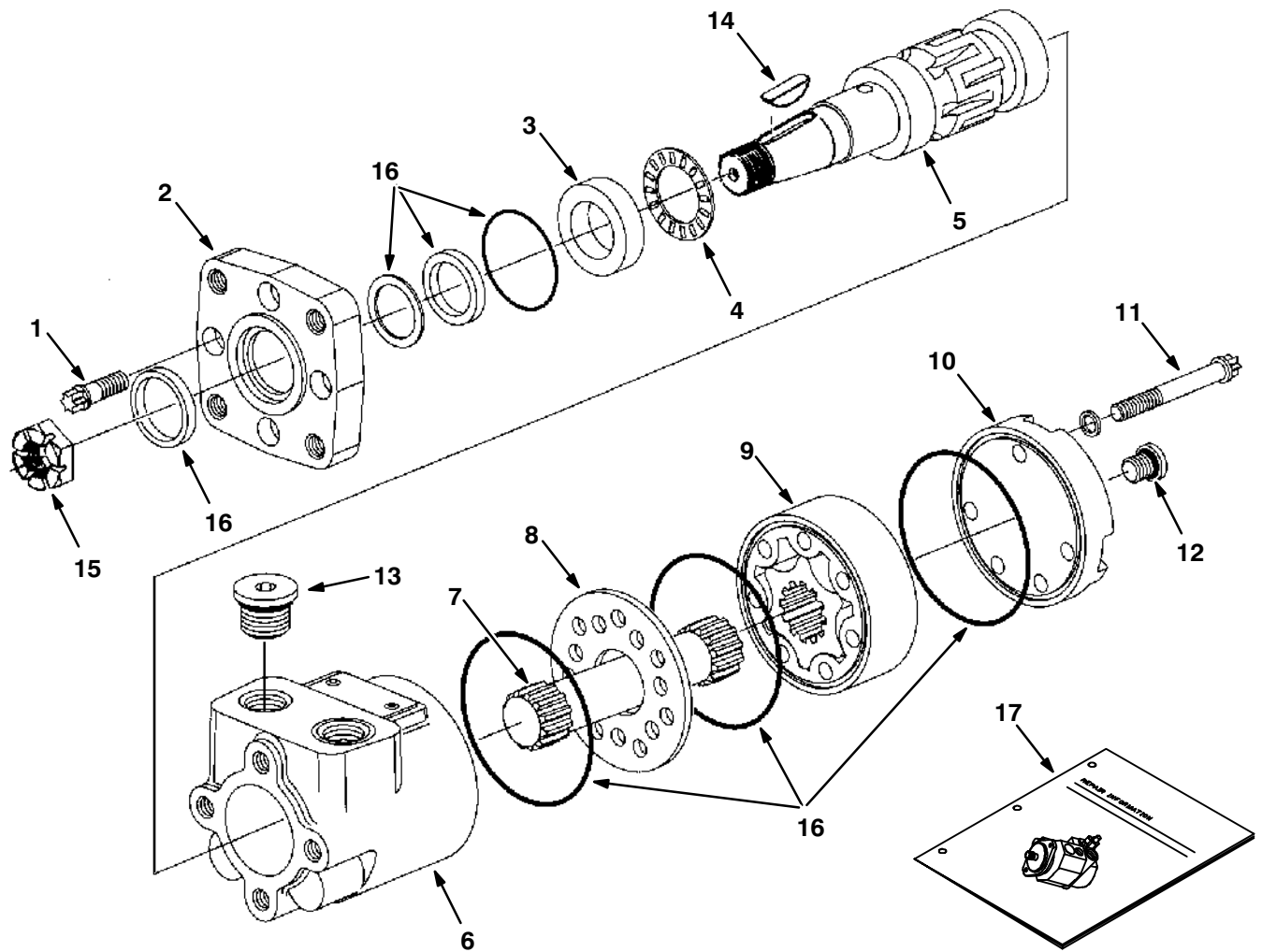
**Fig. 9 – Hydraulic Motor Breakdown, 53434**



07907/08925

Ref.	Tennant Part No.	Manufacturer Serial Number	Description	Qty.
▽	53434	(000000–	) Motor, Hydraulic	1
▲	1	61490	(000000–) Seal Kit	1
▲	2	31354	(000000–) Flange, Mounting	1
▲	3	31375	(000000–) Output Shaft	1
▲	4	45628	(000000–) Bearing	1
▲	5	16695	(000000–) Race, Thrust	1
▲	6	34176	(000000–) Drive	1
▲	7	31381	(000000–) Gerotor Set	1
▲	8	00500–15	(000000–) Key, Woodruff	1
▲	9	39527	(000000–) Nut, slotted Hex	1
▲	10	74092	(000000–) Housing	1
▲	11	74094	(000000–) Spacer Plate	1
▲	12	74095	(000000–) End Cap	1
▲	13	74096	(000000–) Washer	5
▲	14	74097	(000000–) Screw,Cap	5
▲	15	37555	(000000–) Screw	4

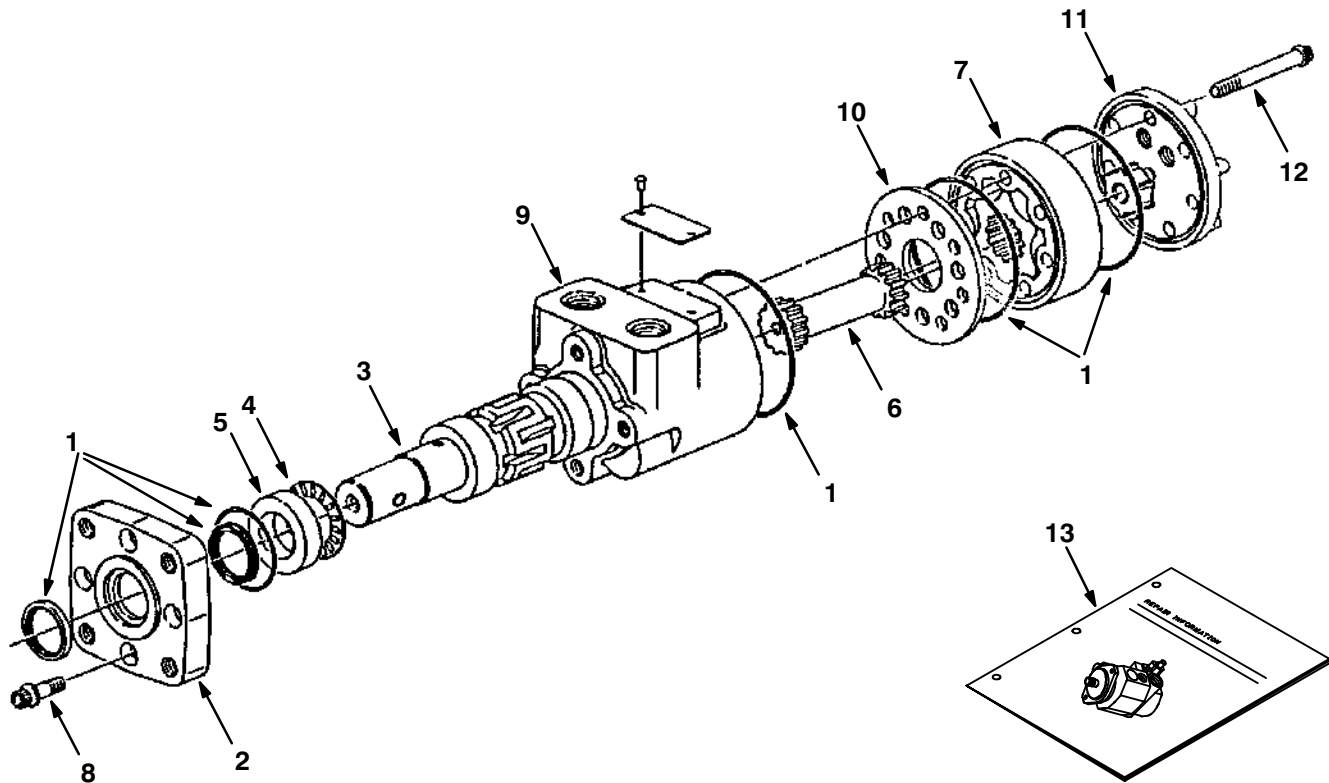
**Fig. 10 – Hydraulic Motor Breakdown, 74468**



09669/09606/09670

Ref.	Tennant Part No.	Manufacturer Serial Number	Description	Qty.	
▽	74468	(000000–	) Motor, Hyd Gear In 02.8 B 1500	1	
▲	1	37555	(000000–	) Cap, Screw	4
▲	2	31354	(000000–	) Flange Mounting	1
▲	3	16695	(000000–	) Race Thrust	1
▲	4	45628	(000000–	) Thrust Bearing	1
▲	5	31375	(000000–	) Shaft, Output	1
▲	6	74100	(000000–	) Housing CI	1
▲	7	34176	(000000–	) Drive	1
▲	8	74094	(000000–	) Spacer Plate CI	1
▲	9	31381	(000000–	) Gerotor Set	1
▲	10	74095	(000000–	) Spacer Plate CI	1
▲	11	74174	(000000–	) Cap, Screw CI	5
▲	12	74098	(000000–	) Plug Assembly Ph	1
▲	13	74099	(000000–	) Plug Assembly Ph	2
▲	14	00500–15	(000000–	) Key–Wdruff 0.25 1.00 Asa#0808	1
▲	15	39527	(000000–	) Nut–Hxslot .75–16 Pltd	1
▲	16	61490	(000000–	) Seal Replmt Kit	1
	17	74250	(000000–	) Repair Info. CI	1

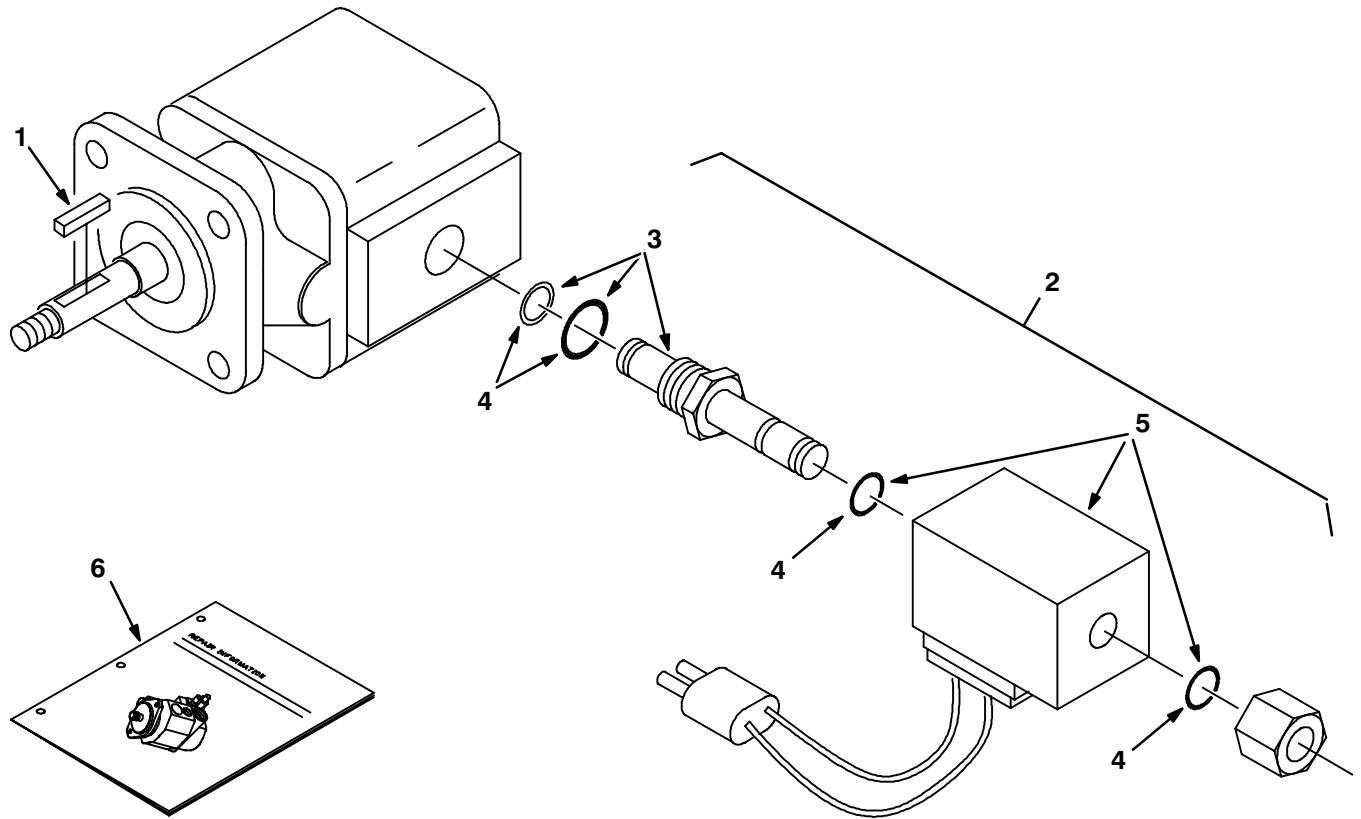
**Fig. 11 – Hydraulic Motor Breakdown, 53435**



07908/08926/09670

Ref.	Tennant Part No.	Manufacturer Serial Number	Description	Qty.
▽	53435	(000000–	) Motor, Hydraulic	1
▲	1	61490	(000000–) Seal Kit	1
▲	2	31354	(000000–) Flange, Mounting	1
▲	3	31373	(000000–) Output Shaft	1
▲	4	45628	(000000–) Bearing Thrust	1
▲	5	16695	(000000–) Race, Thrust	1
▲	6	31377	(000000–) Drive	1
▲	7	31384	(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	74102	(000000–) Screw, Cap	5
	13	74250	(000000–) Repair Info.	1

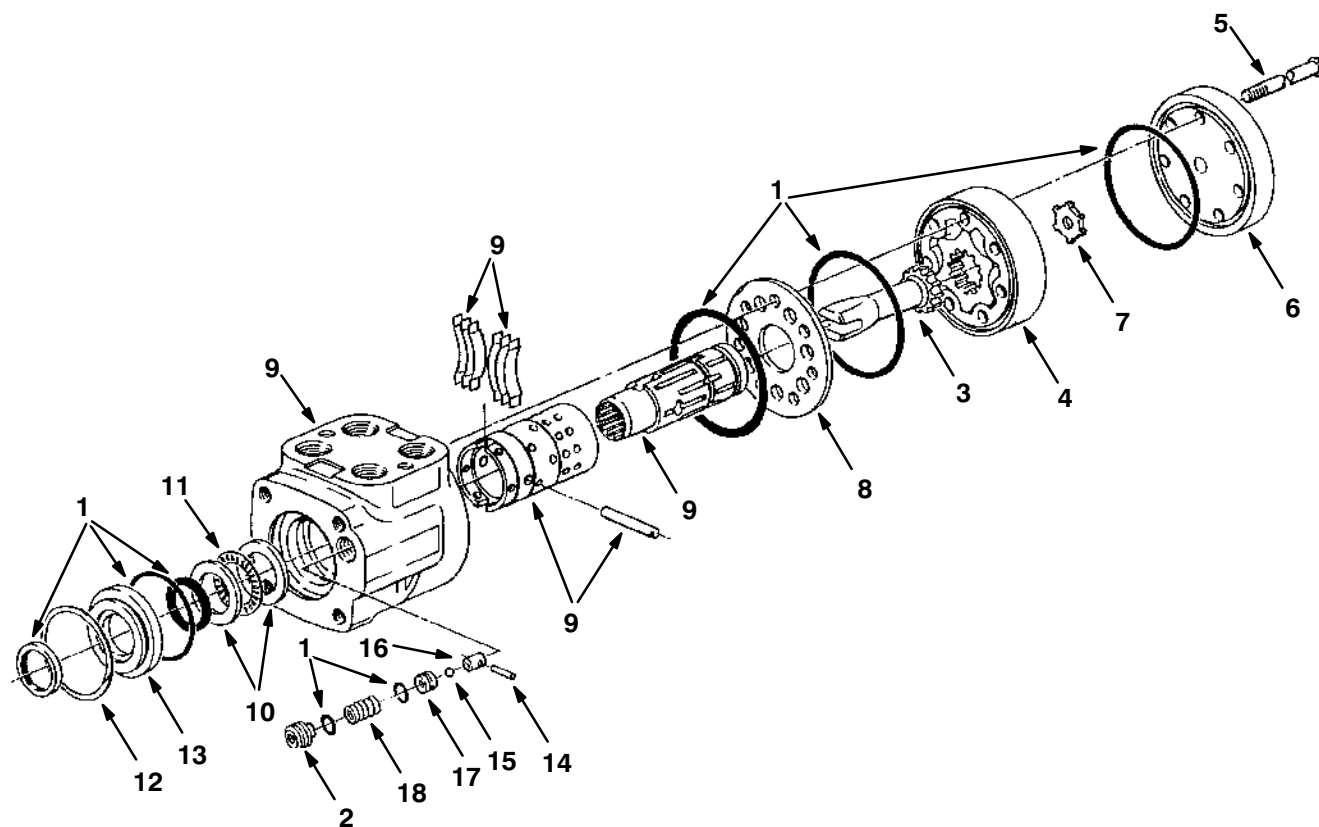
**Fig. 12 – Hydraulic Motor Breakdown, 72345**



08815/07490/09670

Ref.	Tennant Part No.	Manufacturer Serial Number	Description	Qty.
▽	72345	(000000–	) Motor, Hydraulic	1
▲	74233	(000000–	) Seal Kit, Motor	1
▲ 1	00966	(000000–	) Key	1
▲▽ 2	54095	(000000–	) Valve Assembly, Solenoid	1
▲▲ 3	59378	(000000–	) Cartridge, Solenoid Valve	1
▲▲ 4	48813	(000000–	) Seal Kit, One Cartridge	1
▲▲ 5	35493	(000000–	) Coil	1
6	IB3614	(000000–	) Repair Info.	1

Fig. 13 – Hydraulic Steering Valve Breakdown, 54022

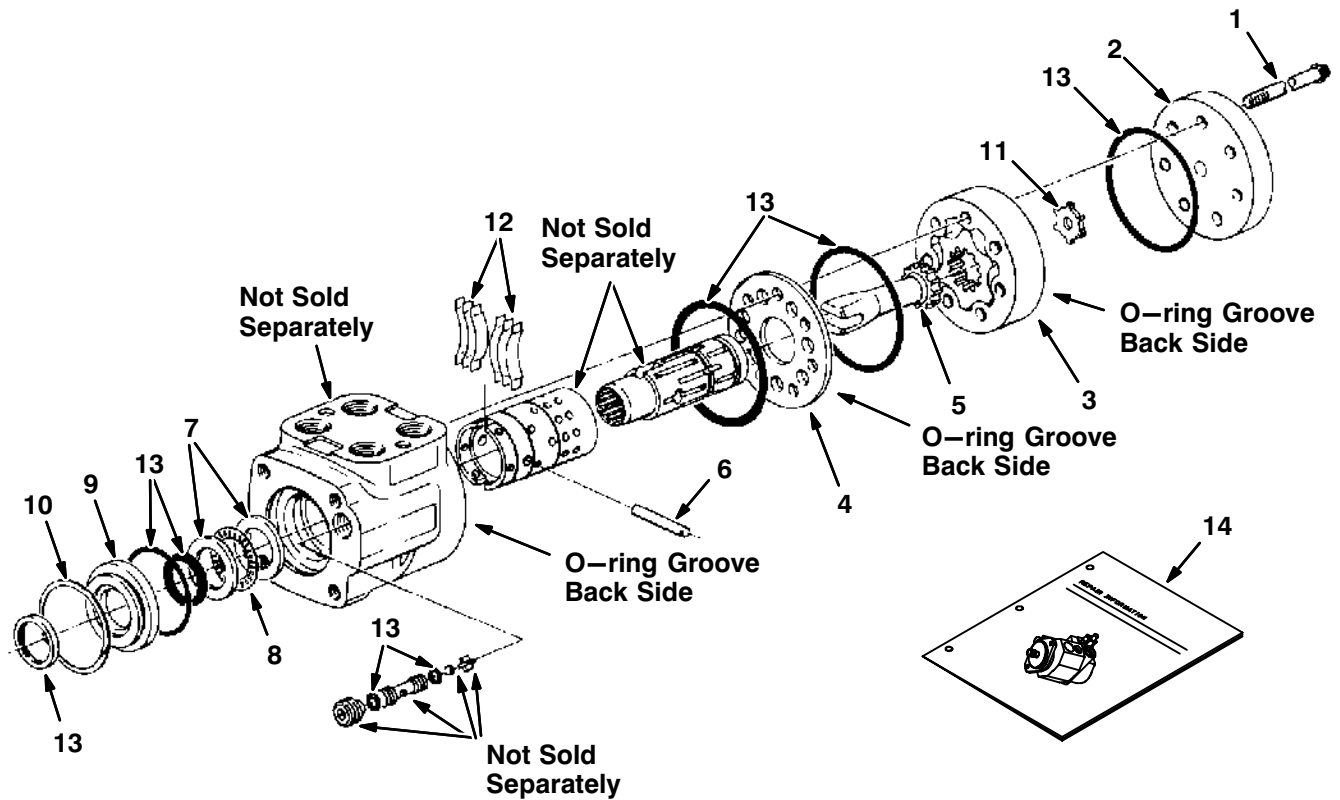


07910/07491

Ref.	Tennant Part No.	Manufacturer Serial Number	Description	Qty.
▽	54022	(000000– )	Valve, Hydraulic Steering (Repl by 74172)	1
▲ 1	57152	(000000– )	Seal Kit	1
▲ 2	74118	(000000– )	Plug	1
▲ 3	58596	(000000– )	Drive	1
▲ 4	57156	(000000– )	Gerotor	1
▲ 5	74097	(000000– )	Cap, Screw	7
▲ 6	74103	(000000– )	Cap, End	1
▲ 7	74105	(000000– )	Spacer	1
▲ 8	74106	(000000– )	Spacer Plate	1
▲ 9	74108	(000000– )	Control Assembly	1
▲ 10	74109	(000000– )	Race, Bearing	2
▲ 11	74110	(000000– )	Bearing, Needle	1
▲ 12	74111	(000000– )	Ring, Retaining	1
▲ 13	74112	(000000– )	Retainer, Front	1
▲ 14	74113	(000000– )	Pin, Spring	1
▲ 15	74114	(000000– )	Ball, Check	1
▲ 16	74115	(000000– )	Seat, Ball	1
▲ 17	74116	(000000– )	Poppet	1
▲ 18	74117	(000000– )	Spring	1



**Fig. 14 – Hydraulic Steering Valve Breakdown, 74172**



10174/09936/09670

Ref.	Tenant Part No.	Manufacturer Serial Number	Description	Qty.
∇	74172	(000000– )	Valve, Hydraulic Steering	1
▲ 1	65241	(000000– )	Cap, Screw	7
▲ 2	74181	(000000– )	Cap, End	1
▲ 3	57156	(000000– )	Gerotor Set	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– )	Retainer, Front	1
▲ 10	74111	(000000– )	Ring, Retaining	1
▲ 11	74105	(000000– )	Spacer	1
▲ 12	74195	(000000– )	Spring Kit	1
▲ 13	74190	(000000– )	Seal Kit	1
14	74251	(000000– )	Repair Info	1

**Fig. 15 – Hydraulic Valve Breakdown, 48751**

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

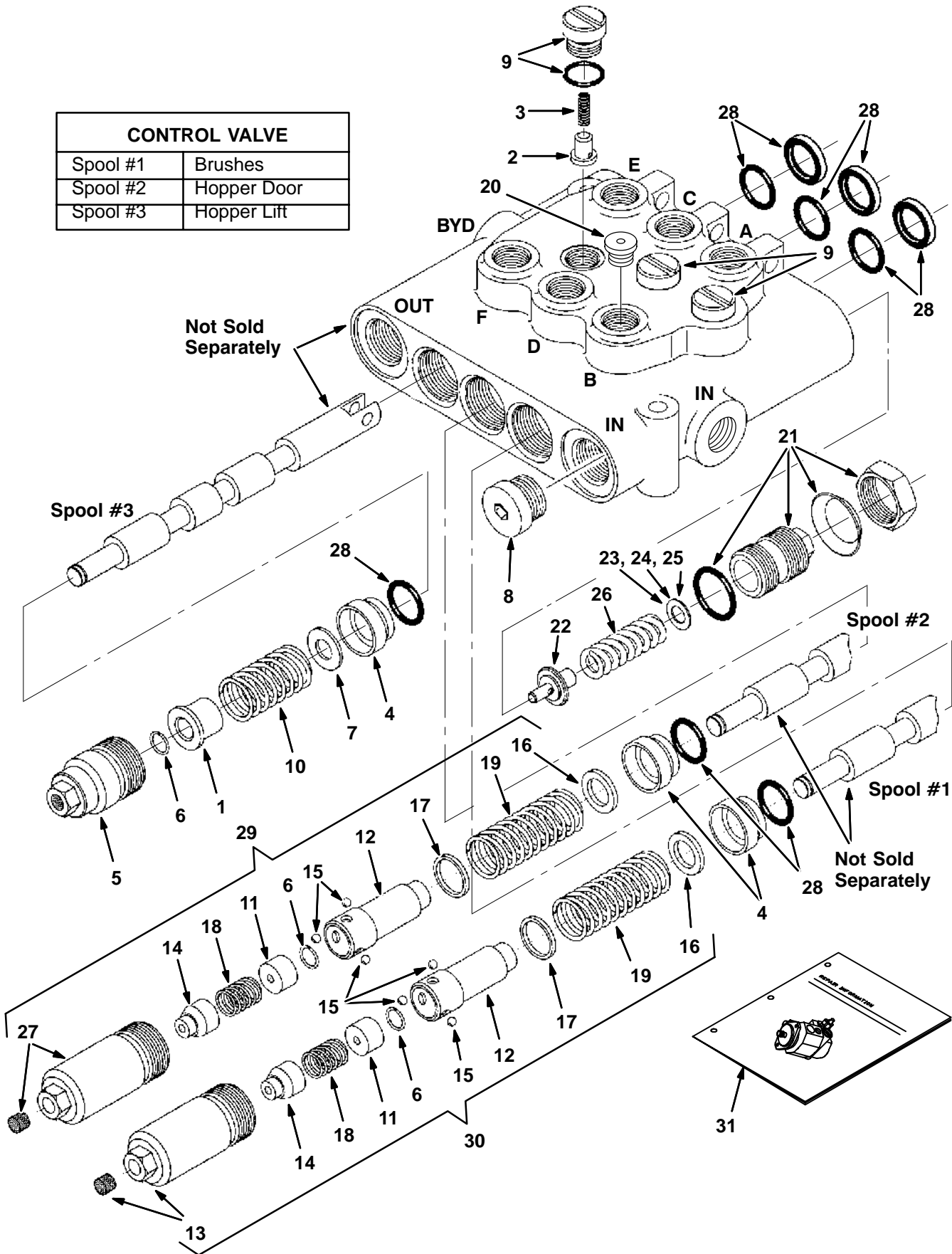
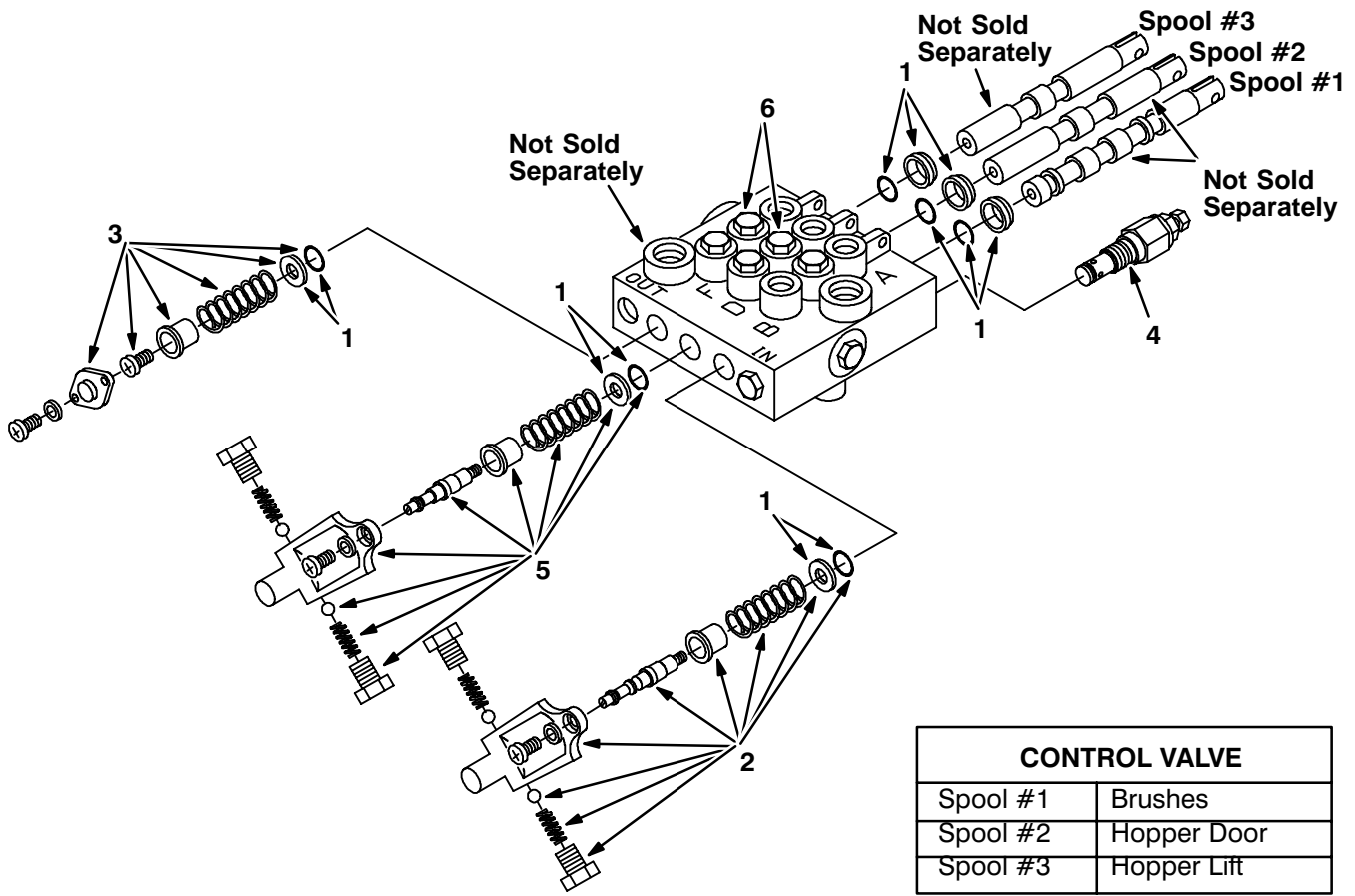


Fig. 15 – Hydraulic Valve Breakdown, 48751

Ref.	Tennant Part No.	Manufacturer Serial Number	Description	Qty.
▽	48751	(000000–	) Valve, Hyd Cntrl Man	1
▲	1 79785	(000000–	) Spacer	1
▲	2 79786	(000000–	) Plunger	1
▲	3 79787	(000000–	) Spring	1
▲	4 79788	(000000–	) Bushing	3
▲	5 79789	(000000–	) Cap Assembly	1
▲	6 79792	(000000–	) Retaining Rng	3
▲	7 79794	(000000–	) Washer	1
▲	8 13907	(000000–	) Plug, #8 O–Ring	1
▲	9 79795	(000000–	) Plug & O–Ring	3
▲	10 79796	(000000–	) Spring	1
▲	11 79801	(000000–	) Spacer	2
▲	12 79802	(000000–	) Detent Adaptr	2
▲	13 79803	(000000–	) Cap Assembly	1
▲	14 79800	(000000–	) Cone	2
▲	15 79804	(000000–	) Ball	6
▲	16 79806	(000000–	) Washer	2
▲	17 79805	(000000–	) Washer	2
▲	18 79807	(000000–	) Spring	2
▲	19 79808	(000000–	) Spring	2
▲	20 13904	(000000–	) Plug, #6 O–Ring	2
▲	21 79790	(000000–	) Plug Assembly	1
▲	22 79791	(000000–	) Poppet	1
▲	23 79793	(000000–	) Shim .035 Thk	–
▲	24 79798	(000000–	) Shim .015 Thk	–
▲	25 79799	(000000–	) Shim .010 Thk	–
▲	26 21915	(000000–	) Spring	1
▲	27 79821	(000000–	) Cap Assembly	1
▲	28 79812	(000000–	) Seal Kit, Vlv	1
▲	29 79813	(000000–	) Kit, Detent Out	1
▲	30 79815	(000000–	) Kit, Detent I&O	1
	31 79820	(000000–	) Repair Info, Valve	1

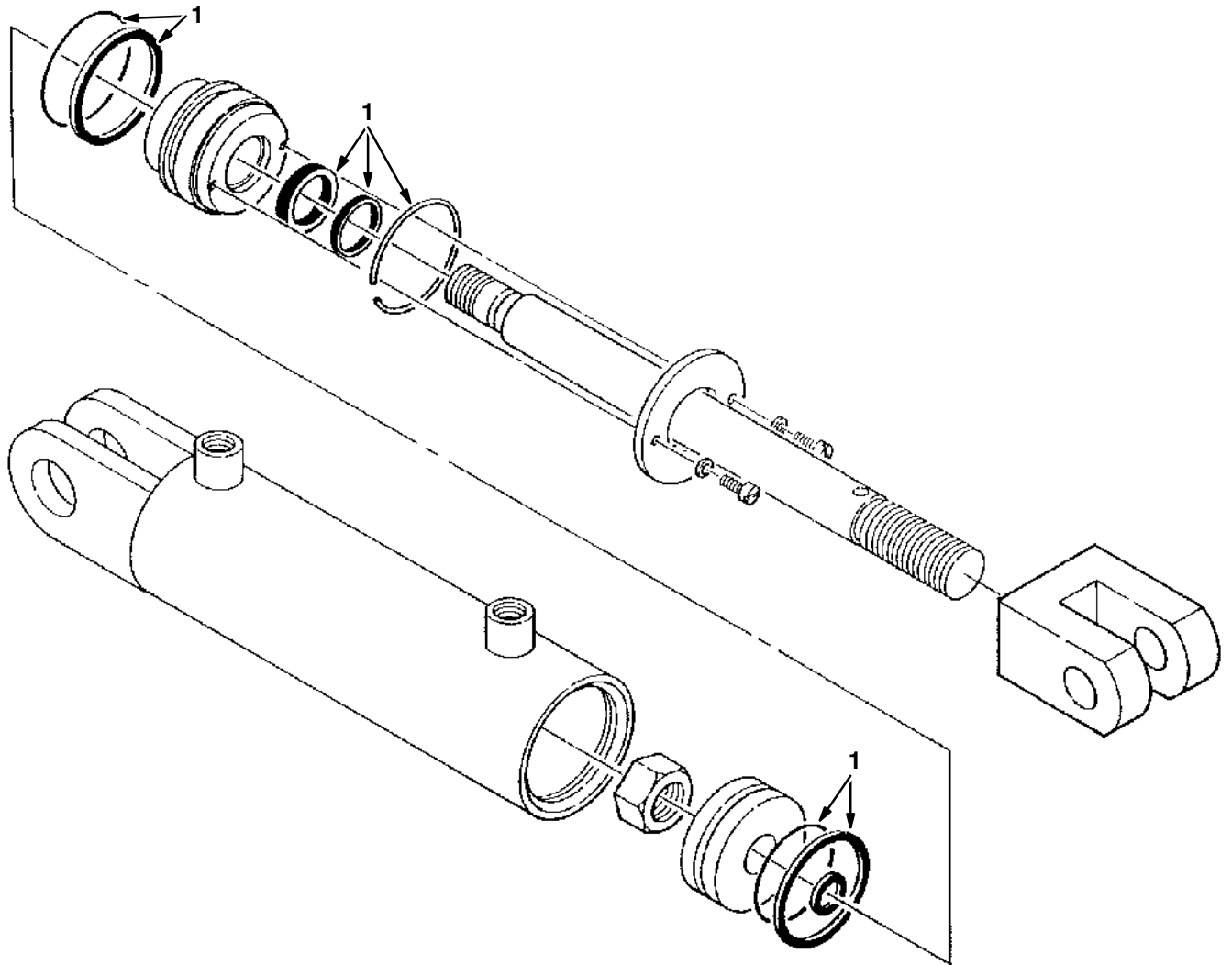
**Fig. 16 – Hydraulic Valve Breakdown, 53830**



07911/07492

Ref.	Tennant Part No.	Manufacturer Serial Number	Description	Qty.
▽	53830	(000000– )	Valve, Hydraulic (Repl by 48761)	1
▲	1	58845 (000000– )	Seal Kit	1
▲	2	58689 (000000– )	Detent Kit, Spool #1	1
▲	3	74126 (000000– )	Spring Kit, Spool #3	1
▲	4	58847 (000000– )	Relief Assembly	1
▲	5	58843 (000000– )	Detent Kit, Spool #2	1
▲	6	74127 (000000– )	Check Kit, LD DK	2

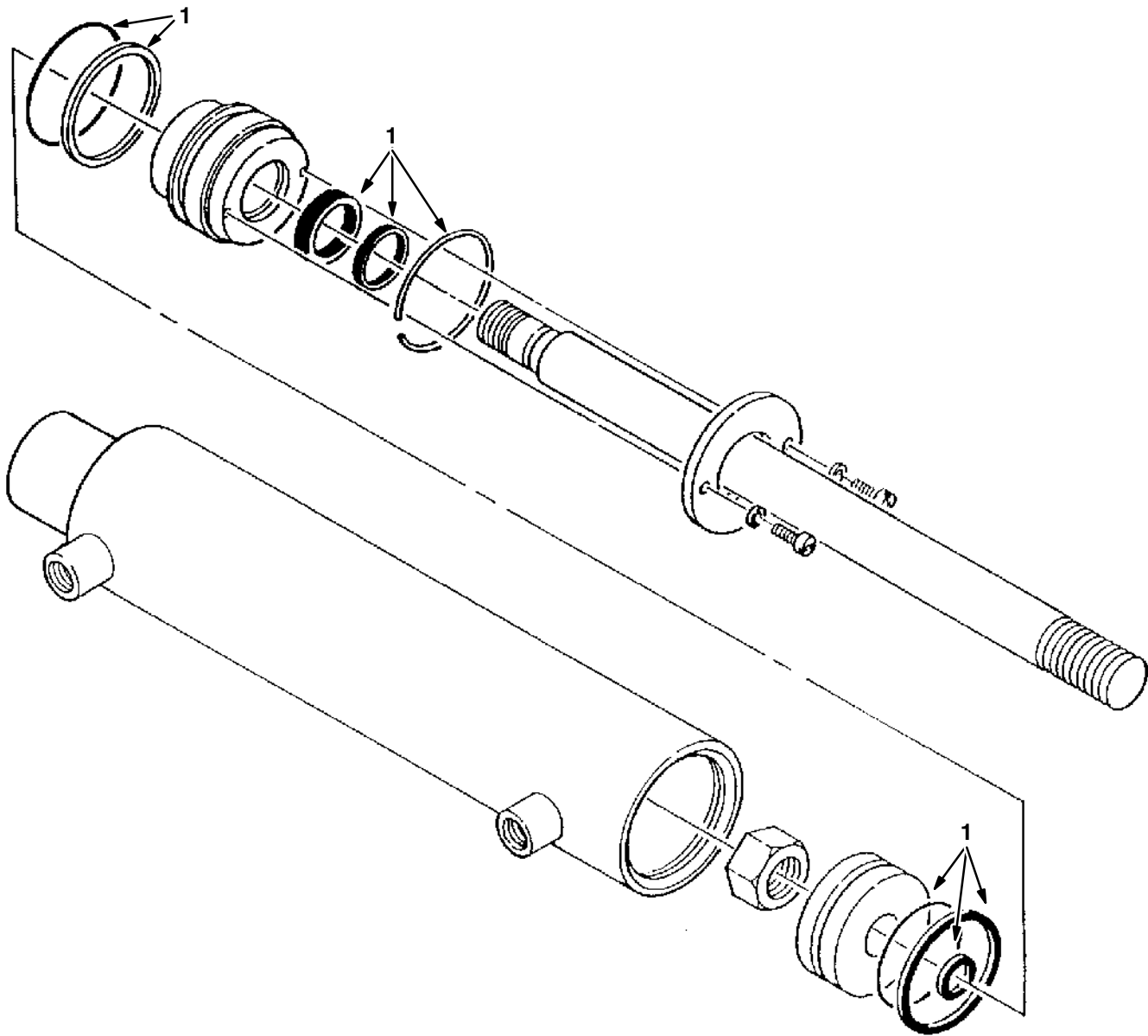
**Fig. 17 – Hydraulic Cylinder Breakdown, 74419**



07912/07493

	<b>Ref.</b>	<b>Tennant Part No.</b>	<b>Manufacturer Serial Number</b>	<b>Description</b>	<b>Qty.</b>
▽		74419	(000000– )	Cylinder, Hydraulic	1
▲	1	59335	(000000– )	Seal Kit	1

**Fig. 18 – Hydraulic Cylinder Breakdown, 53601**



07913/07494

	<b>Ref.</b>	<b>Tennant Part No.</b>	<b>Manufacturer Serial Number</b>	<b>Description</b>	<b>Qty.</b>
▽		53601	(000000– )	Cylinder, Hydraulic	1
▲	1	04483	(000000– )	Seal Kit	1

## SECTION 5

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Fig. 1 – Crankcase Group

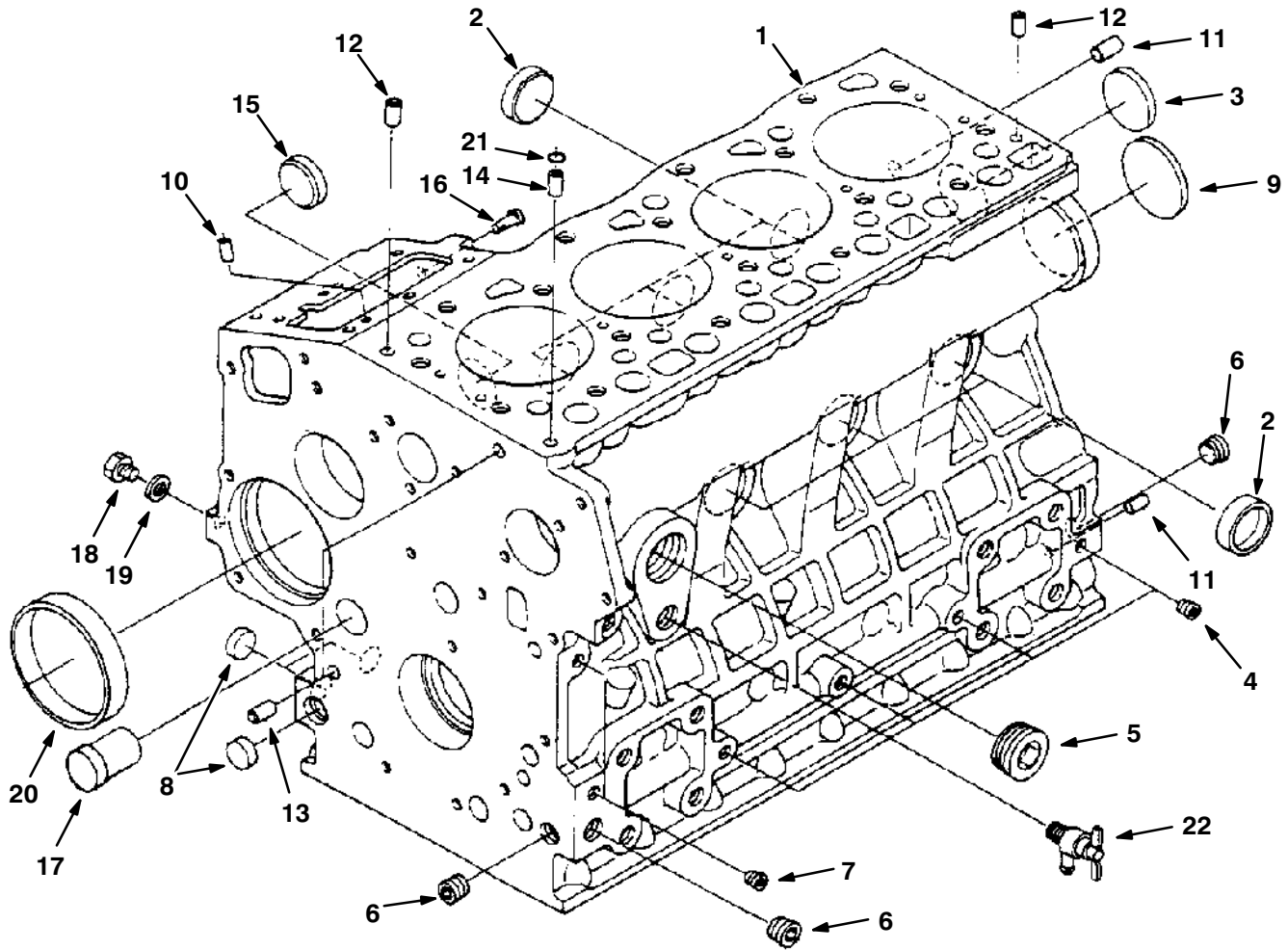




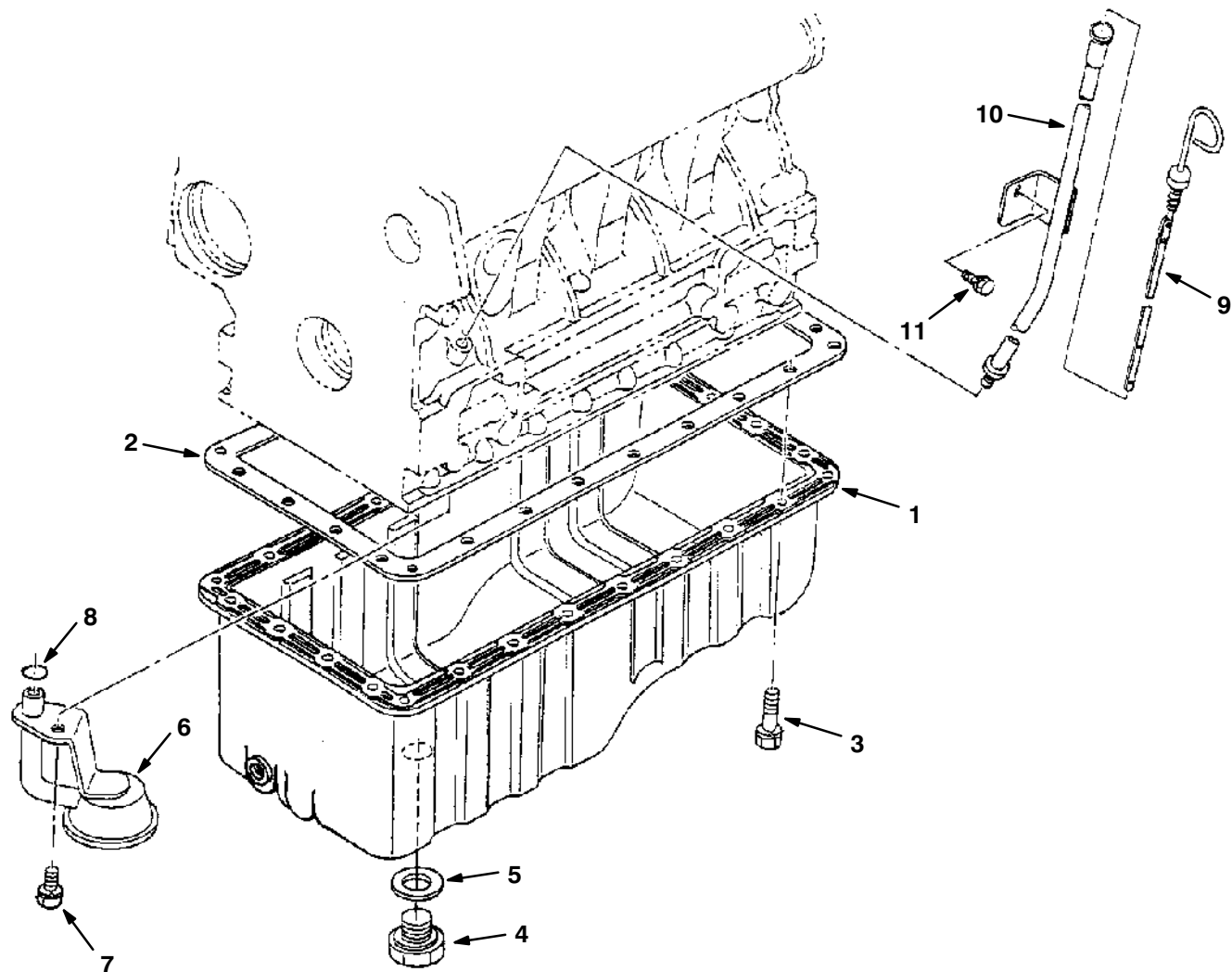
Fig. 1 – Crankcase Group

	Ref.	Tennant Part No.	Kubota Part Number	Description	Qty.
▽	1	70997	16282-0101-5	① Comp. Crankcase	1
▽	1	84646	16626-0101-0	② Comp. Crankcase	1
▲	2	70998	15451-9627-0	Cap, Sealing	6
▲	3	39087	15221-0349-0	Cap, Sealing	1
▲	4	39088	15261-9601-0	Plug	4
▲	5	70999	16271-9602-0	① Plug	1
▲	5	84647	16683-9602-0	② Plug	1
▲	6	71985	16241-9601-0	Plug	3
▲	7	39051	15521-9602-0	Plug	2
▲	8	30071	06311-75018	Plug, Expansion	3
▲	9	71986	16271-9616-0	Plug, Expansion	1
▲	10	71987	05012-00508	Pin, Straight	2
▲	11	71988	05012-00814	Pin, Straight	2
▲	12	71989	05012-00610	Pin, Straight	2
▲	13	71990	15231-3396-0	Pin, Pipe	2
▲	14	71991	16241-3365-0	Pin, Pipe	1
▲	15	71992	16241-9626-0	Plug	1
▲	16	39105	15221-5628-0	Pin, Start Spring	1
▲	17	71993	16282-9601-0	Plug	1
▲	18	39062	15221-3361-0	Plug	1
▲	19	10895	15021-3366-0	Gasket	1
▲	20	70887	16271-5535-0	Bush, Governor Gear	1
	21	39063	15221-3370-0	O-Ring	1
	22	70888	15841-7302-0	Assembly Cock, Drain	1

① Kubota Engine Serial Number (000000-527074)

② Kubota Engine Serial Number (527075- )

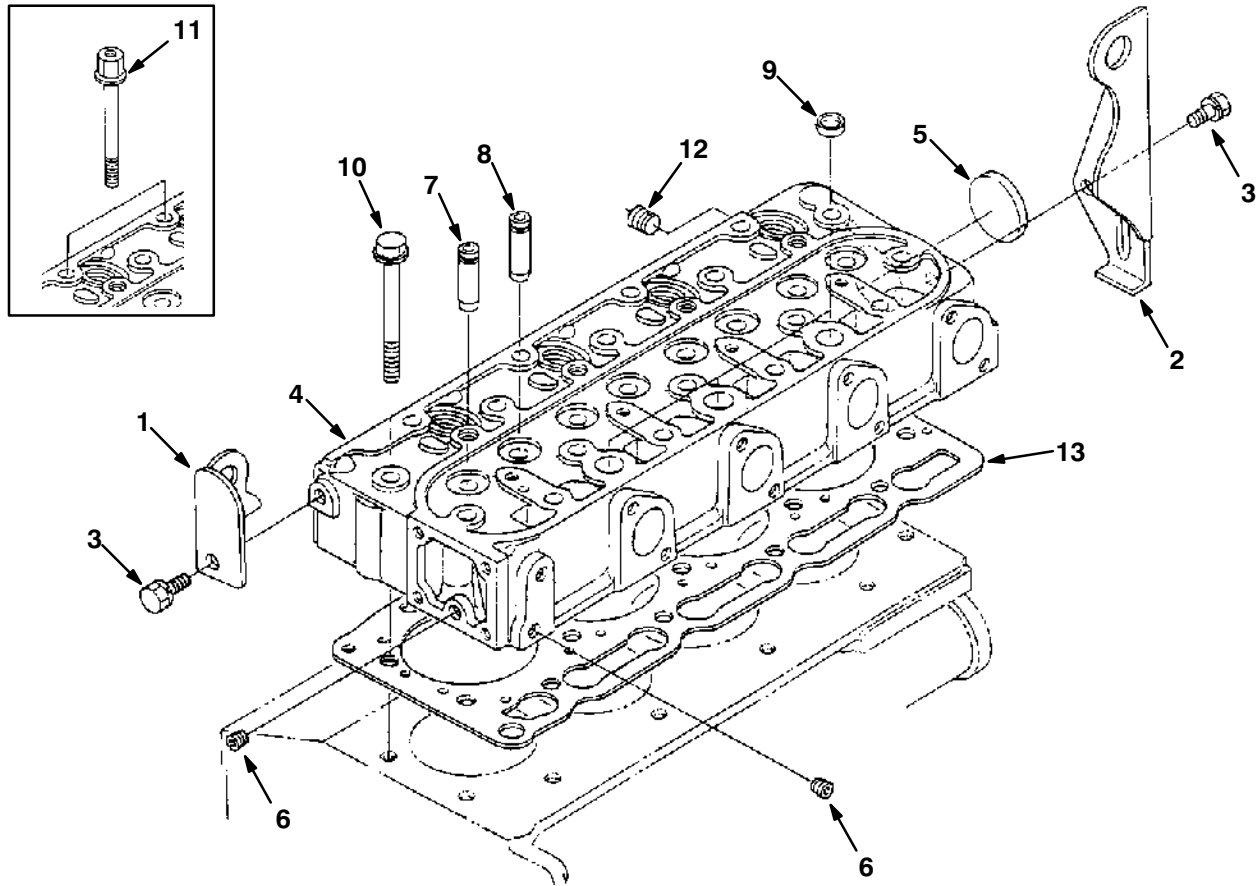
## Fig. 2 – Oil Pan Group



07408/07409

Ref.	Tennant Part No.	Kubota Part Number	Description	Qty.
1	71994	16285-01501	Comp. Oil Pan (Rear Sump)	1
2	70889	16241-0162-0	Gasket, Oil Pan	1
3	71995	01023-50612	Bolt	26
4	70890	15451-3375-0	Plug, Drain	1
5	70891	15451-9667-0	Gasket	1
9006001 6	<del>70892</del>	<del>16282-32110</del>	Filter, Oil-oil Pick Up Tube	1
7	39094	01123-50816	Bolt	1
8	41792	04811-00160	O-Ring	1
9	79893	16611-3641-0	Gauge, Oil	1
10	70894	16282-3642-2	Guide, Oil Gauge	1
11	39073	01123-50814	Bolt	1
	66187	16246-99360	Gasket Set, Lower	1

**Fig. 3 – Cylinder Head Group**



07410/07411

Ref.	Tennant Part No.	Kubota Part Number	Description	Qty.
1	71996	16241-0175-0	Hook, Engine 1	1
2	71997	16241-0177-0	Hook, Engine 2	1
3	39073	01123-50814	Bolt	2
▽ 4	66202	16285-0304-2	① Comp. Cylinder Head	1
▽ 4	84631	16060-0304-0	② Cylinder Head Assy	1
▲ 5	51331	15321-9626-0	Cap, Sealing	1
▲ 6	39088	15261-9601-0	Plug	2
▲ 7	70895	16241-1354-0	Guide, Inlet Valve	4
▲ 8	70896	16241-1356-0	Guide, Exhaust Valve	4
▲ 9	71999	15261-0337-0	Cap, Sealing	3
10	70897	16241-0345-0	Bolt, Cylinder Head	18
11	70898	16271-0345-0	③ Bolt, Cylinder Head	2
12	72010	15841-9602-0	Plug	1
13	70899	16282-0331-0	Gasket, Cyclinder Head	1
	66194	16286-99350	Gasket Set, Upper	1

① Kubota Engine Serial Number (000000-489290)

② Kubota Engine Serial Number (489291- )

③ Kubota Engine Serial Number (000000-325640)

**Fig. 4 – Gear Case Group**

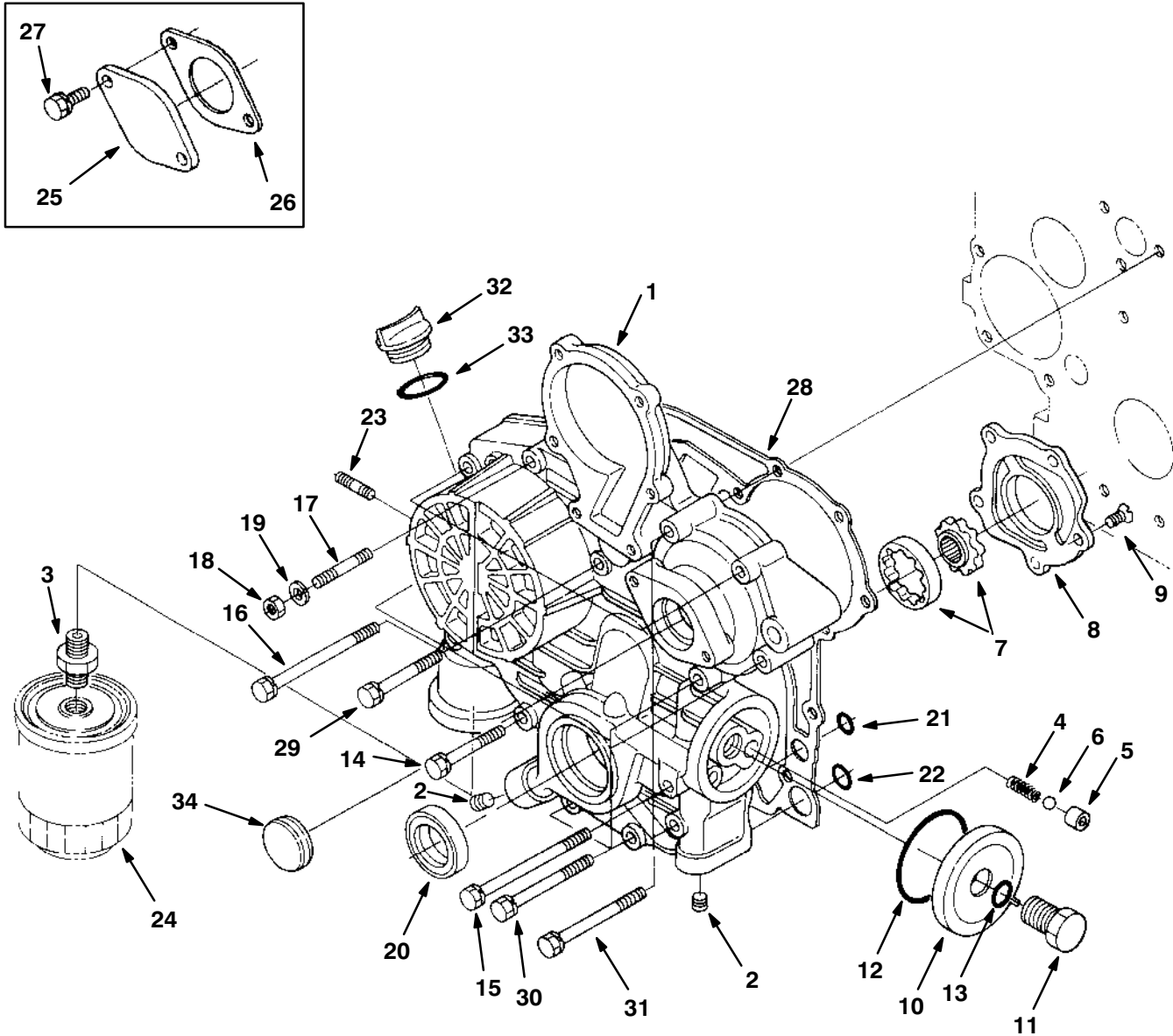


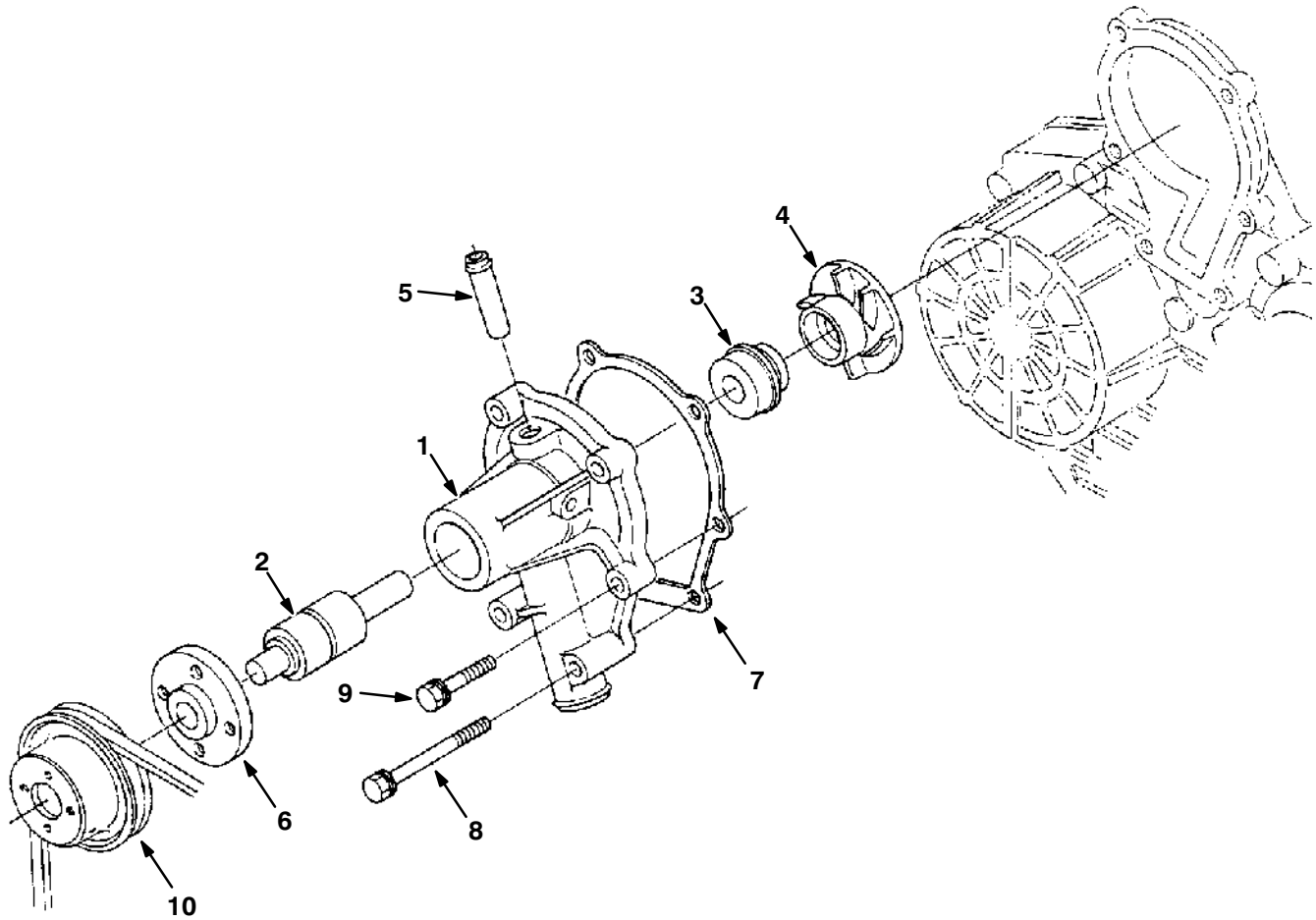
Fig. 4 – Gear Case Group

	Ref.	Tennant Part No.	Kubota Part Number	Description	Qty.
▽	1	72011	06259-0402-0	Comp. Case, Gear	1
▲	2	72012	17331-9604-0	Plug	4
▲	3	12916	15241-3229-0	Joint, Pipe	1
▲	4	70900	16241-3695-0	Spring	1
▲	5	70901	16241-3693-0	Seat, Valve	1
▲	6	70902	07715-00201	Ball	1
▲	7	70903	16241-3507-0	Assembly Rotor, Oil Pump	1
▲	8	70904	16259-3513-0	Cover, Oil Pump	1
▲	9	72013	16241-9312-0	Screw	5
▲	10	70905	16259-3288-2	Cover	1
▲	11	70906	16259-3290-0	Bolt	1
▲	12	70907	01814-50600	O-Ring	1
▲	13	39103	04811-00150	O-Ring	1
	14	72014	15841-9104-0	Bolt	1
	15	72015	16241-9104-0	Bolt	2
	16	72016	16259-9104-0	Bolt	1
	17	72017	01513-50645	Stud	1
	18	39121	02056-50060	Nut	1
	19	39065	04512-50060	Washer, Spring	1
	20	70909	16259-0421-2	Seal, Oil	1
	21	70910	14814-06100	O-Ring	2
	22	70911	04814-00150	O-Ring	2
	23	72018	01513-50616	Stud	2
	24	55849	16271-3209-0	Assembly Cartridge, Oil	1
	25	72019	16285-8334-0	① Cover	1
	26	72020	16241-8813-0	① Gasket, H/Meter Unit	1
	27	41973	01023-50616	① Bolt	2
	28	70912	16264-0413-0	Gasket, Gear Case	1
	29	72993	01023-50645	Bolt	3
	30	72994	01023-50650	Bolt	4
	31	72995	01023-50655	Bolt	2
	32	39161	15221-3314-0	Oil Filter, Plug	1
	33	70913	04814-50300	O-Ring	1
	34	70189	16264-83341	② Cover	1

① Kubota Engine Serial Number (000000-475253)

② Kubota Engine Serial Number (475254- )

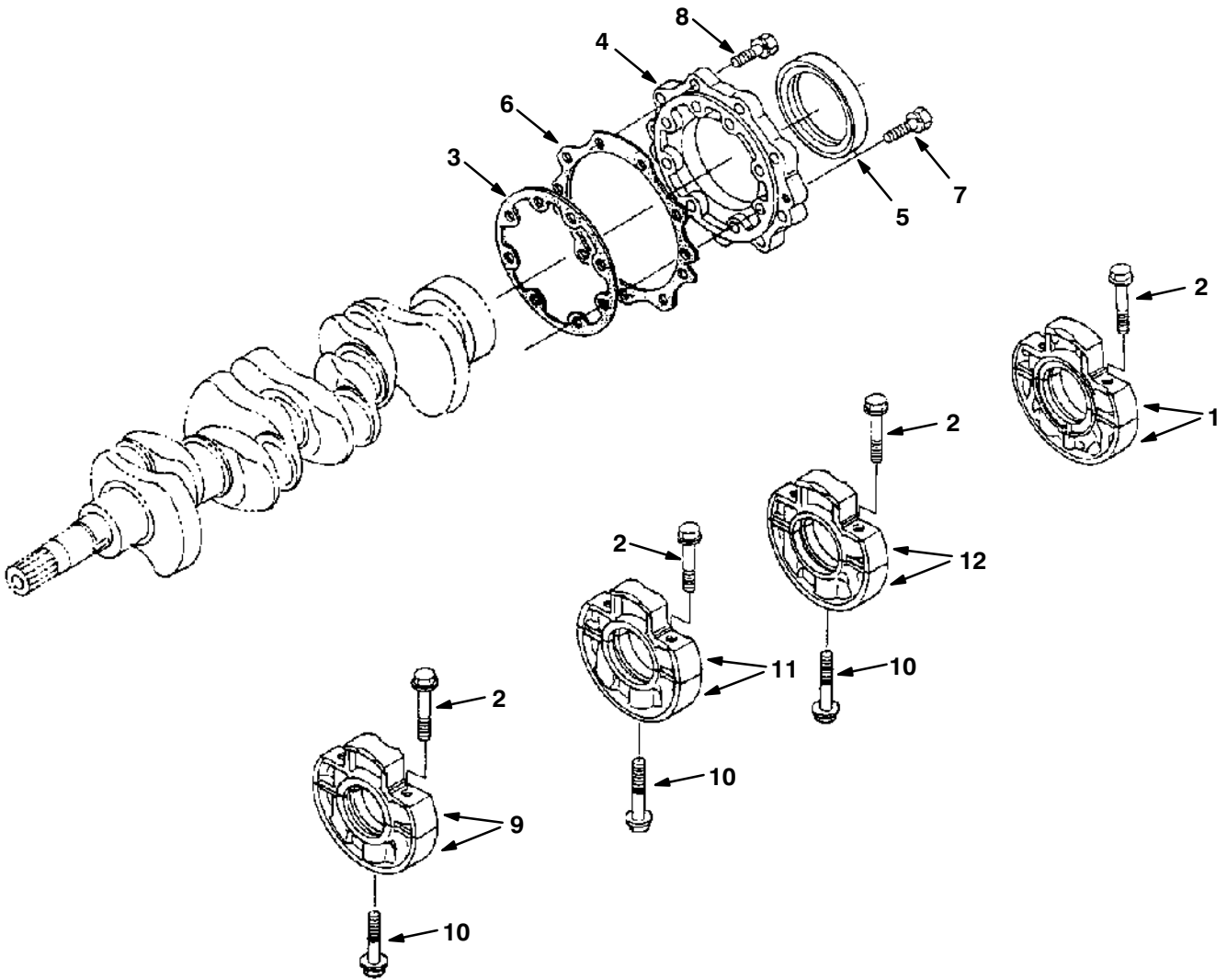
Fig. 5 – Water Pump Group



07414/07415

Ref.	Tennant Part No.	Kubota Part Number	Description	Qty.
▽ 1	66205		Assembly Pump, Water	1
▲ 2	70915	16241-7355-0	Bearing, Ball	1
▲ 3	70916	16241-7305-0	Assembly Seal, Mechanical	1
▲ 4	70917	16241-7351-0	Impeller, Water Pump	1
▲ 5	70918	16241-7334-0	Pipe, Water Return 1	1
▲ 6	70919	16241-7352-0	Flange, Water Pump	1
▲ 7	70920	16259-73430	Gasket, Water Pump	1
8	72997	01023-50680	Bolt	2
9	72996	01023-50630	Bolt	4
10	55847	16241-7425-0	Pully, Fan	1

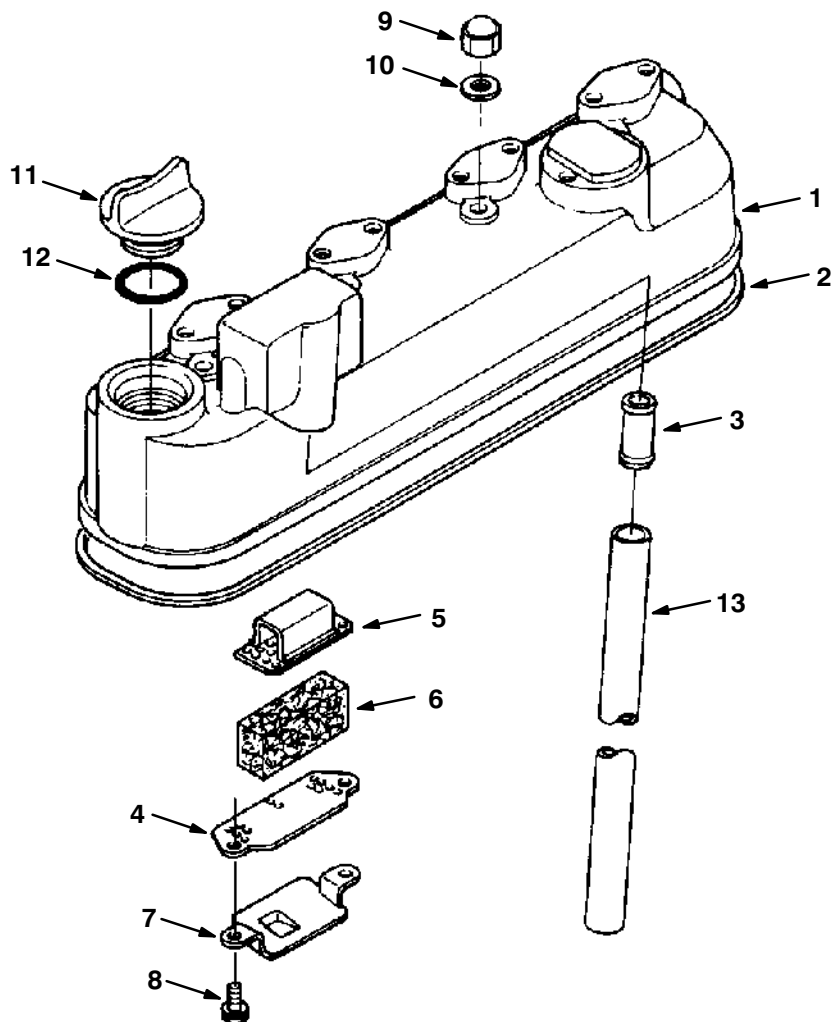
**Fig. 6 – Main Bearing Case Group**



07416/07417

Ref.	Tennant Part No.	Kubota Part Number	Description	Qty.
1	70921	16241-0409-0	Assembly Case, Main Bearing	1
2	72998	16241-0454-0	Bolt, Bearing Case 1	8
3	70922	16264-0436-0	Gasket, Bearing Case	1
4	70923	16241-0481-3	Cover, Bearing Case	1
5	70924	16241-0446-0	Seal, Oil	1
6	70925	16264-0482-0	Gasket, Bearing Case Cover	1
7	72999	01023-50625	Bolt	8
8	39119	01023-50620	Bolt	9
9	70926	16261-0404-0	Assembly Case, Main Bearing 1	1
10	73479	16241-0456-0	Bolt, Bearing Case 2	3
11	70927	16261-0405-0	Assembly Case, Main Bearing 2	1
12	70928	16282-0406-0	Assembly Case, Main Bearing 3	1

Fig. 7 – Head Cover Group

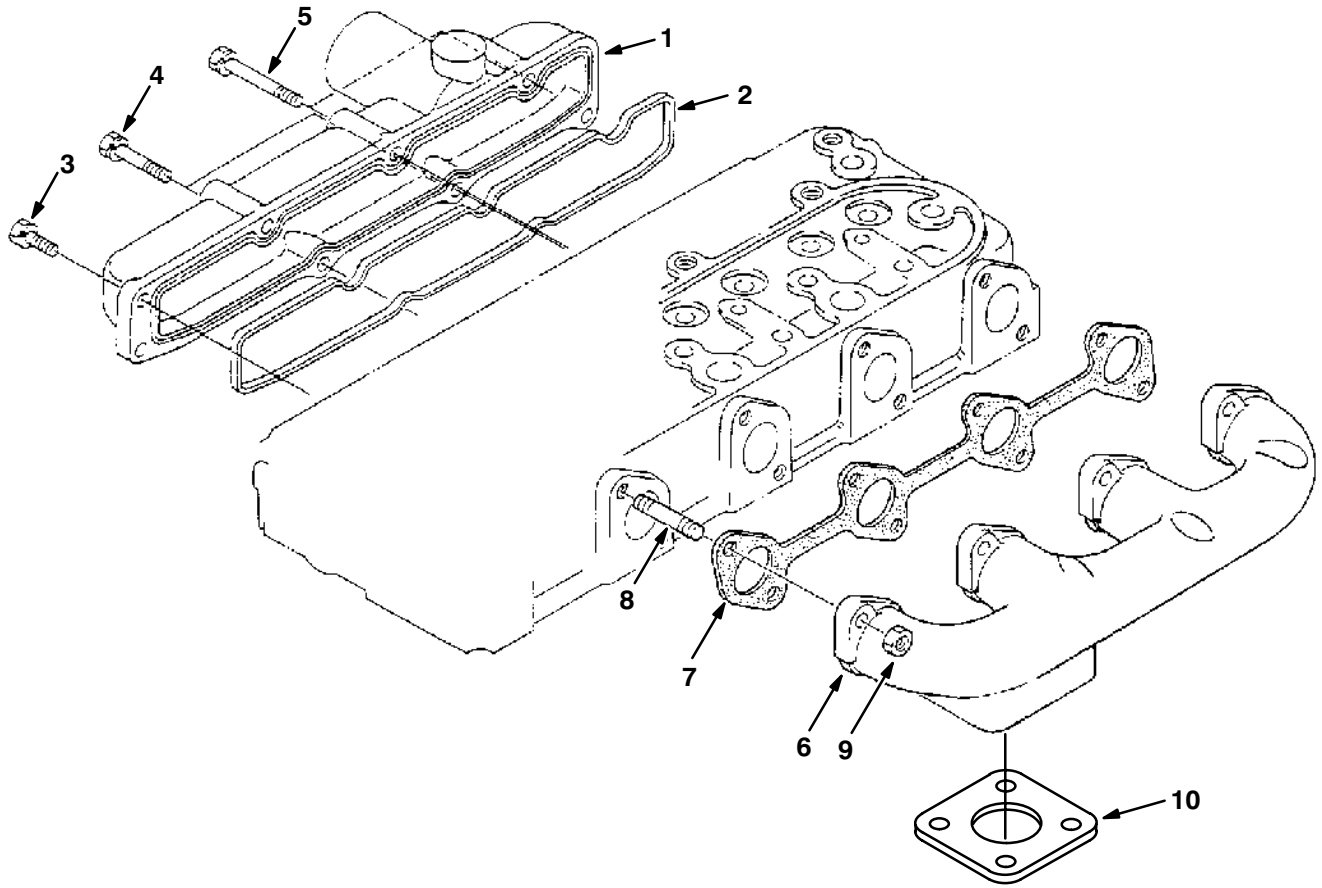


07418/07419

Ref.	Tennant Part No.	Kubota Part Number	Description	Qty.
▽ 1	73480	16241-1450-0	Cover, Cylinder Head	1
▲ 2	70929	16241-1452-0	Gasket, Head Cover	1
▲ 3	73481	16241-0555-0	Joint, Breather Pipe	1
▲ 4	70930	16241-0514-0	Plate, Element 1	1
▲ 5	70931	16241-0515-0	Plate, Element 2	1
▲ 6	70932	16241-0567-0	Element, Breather	1
▲ 7	70933	16241-0537-0	Oil Shield, Breather	1
▲ 8	73482	03024-50510	Screw, With Washer	2
9	73483	15952-9233-0	Nut, Cap	4
10	73484	15951-9666-0	Gasket	4
11	39161	15221-3314-0	Plug, Oil Filler	1
12	39162	04811-50300	O-Ring	1
13	73485	16241-0551-0	Pipe, Breather	1



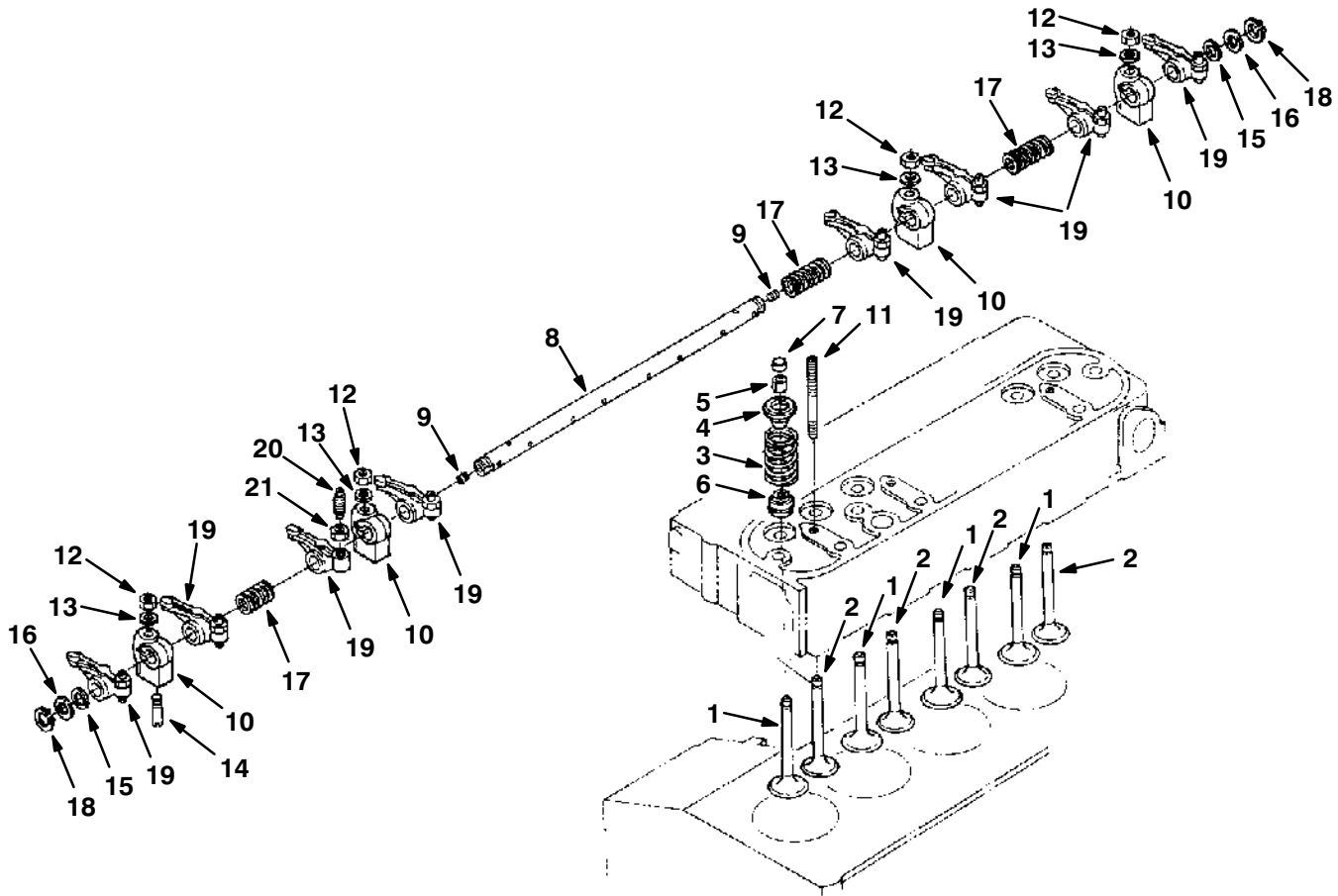
**Fig. 8 – Manifold Group**



07420/07421

Ref.	Tennant Part No.	Kubota Part Number	Description	Qty.
1	73486	16271-1176-3	Manifold, Inlet	1
2	70934	16241-1182-0	Gasket, In-manifold	1
3	40409	01023-50618	Bolt	3
4	72996	01023-50630	Bolt	2
5	72994	01023-50650	Bolt	3
6	73487	16283-12310	Manifold, Exhaust, Front, Down	1
7	70935	16241-1236-0	Gasket, Ex-manifold	1
8	73488	16241-9149-0	Stud	8
9	73489	16241-9201-0	Nut	8
10	51332	15371-1237-0	Gasket Ku	1

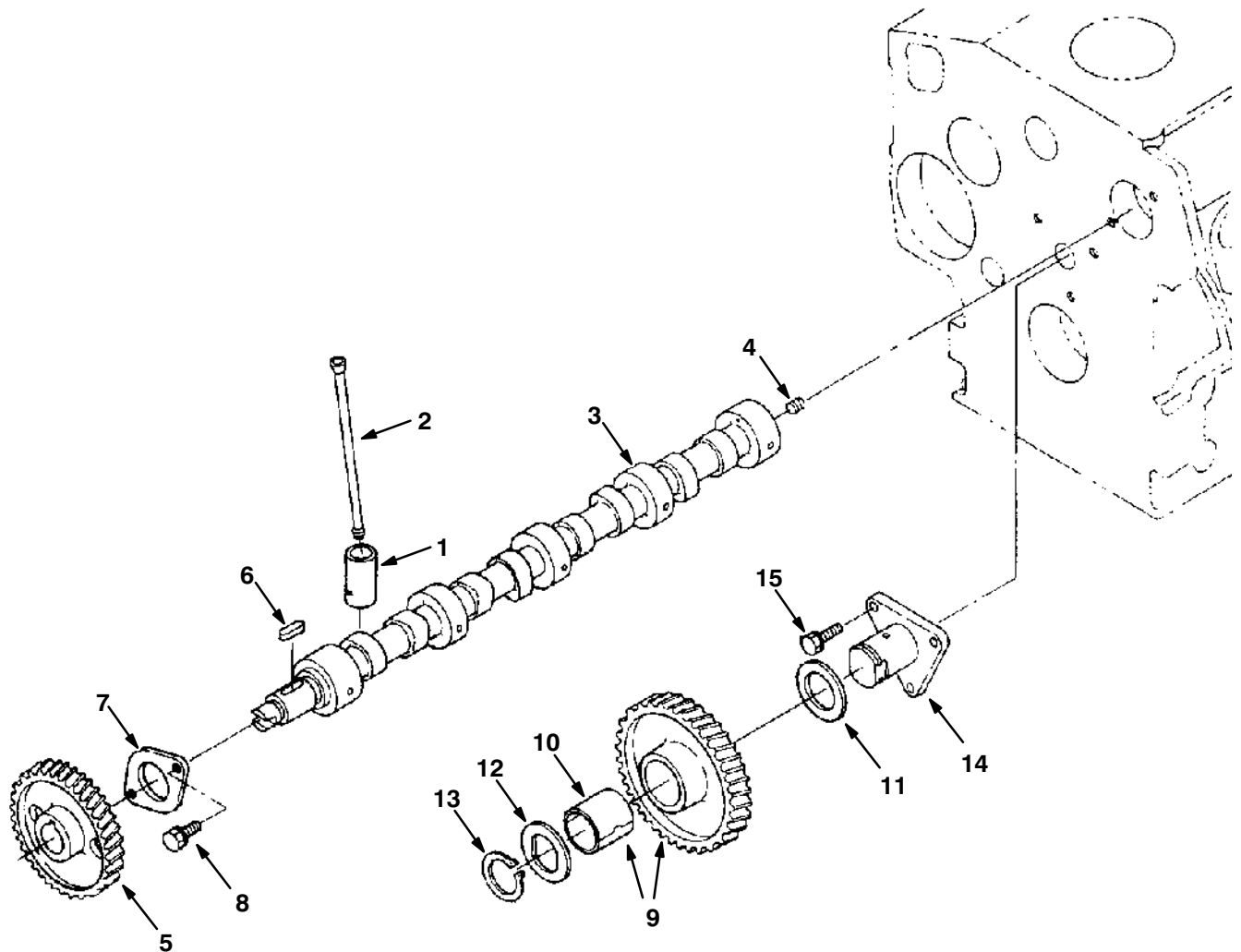
Fig. 9 – Valve, Rocker Arm Group



07422/07423

Ref.	Tennant Part No.	Kubota Part Number	Description	Qty.
1	70936	16241-1311-0	Valve, Inlet	4
2	70937	16241-1312-0	Valve, Exhaust	4
3	73491	16271-1324-0	Spring, Valve	8
4	73492	16241-1333-0	Retainer, Valve Spring	8
5	73493	15261-1336-0	Collet, Valve Spring	8
6	73494	16241-1315-0	Seal, Valve Stem	8
7	66201	15261-1328-0	Cap, Valve	8
▽ 8	73495	16241-1405-0	Assembly Shaft, R-arm	1
▲ 9	73496	03410-50606	Screw, Set	2
10	73497	16241-1435-0	Bracket, Rocker Arm	4
11	73498	16241-1441-0	Stud	4
12	73499	15261-9201-0	Nut	4
13	73500	15261-9401-0	Washer, Plain	4
14	73501	15261-1442-0	Screw, Set	1
15	73502	16241-1443-0	Washer 1	2
16	73503	16241-1444-0	Washer 2	2
17	73504	16241-1431-0	Spring, Rocker Arm	3
18	73505	04612-00120	Cir-clip, External	2
▽ 19	73506	16241-1403-0	Assembly Rocker Arm	8
▲ 20	73507	16241-1423-0	Screw, Adjusting	8
▲ 21	73508	16241-1424-0	Nut	8

**Fig. 10 – Camshaft Group**



07424/07425

Ref.	Tennant Part No.	Kubota Part Number	Description	Qty.
1	12895	15261-1555-0	Tappet	8
2	73509	16241-1511-0	Push Rod	8
▽ 3	73510	16271-1601-0	Assembly Camshaft	1
▲ 4	39197	15521-9361-0	Screw, Set	1
▲ 5	73511	16241-1651-0	Gear, Camshaft	1
▲ 6	73512	05712-00518	Key, Feather	1
▲ 7	73513	16241-1627-0	Stopper, Camshaft	1
▲ 8	39160	01053-50614	Bolt	2
▽ 9	73514	16271-2401-0	Comp Idle Gear 1	1
▲ 10	73515	16271-2498-0	Bush, Idle Gear	1
11	73516	16241-2436-0	Collar, Idle Gear 1	1
12	73517	16241-2437-0	Collar, Idle Gear 2	1
13	73518	16241-2432-0	Cir-clip, Idle Gear	1
14	73519	16241-2425-0	Shaft, Idle Gear 1	1
15	41973	01023-50616	Bolt	3

Fig. 11 – Piston and Crankshaft Group

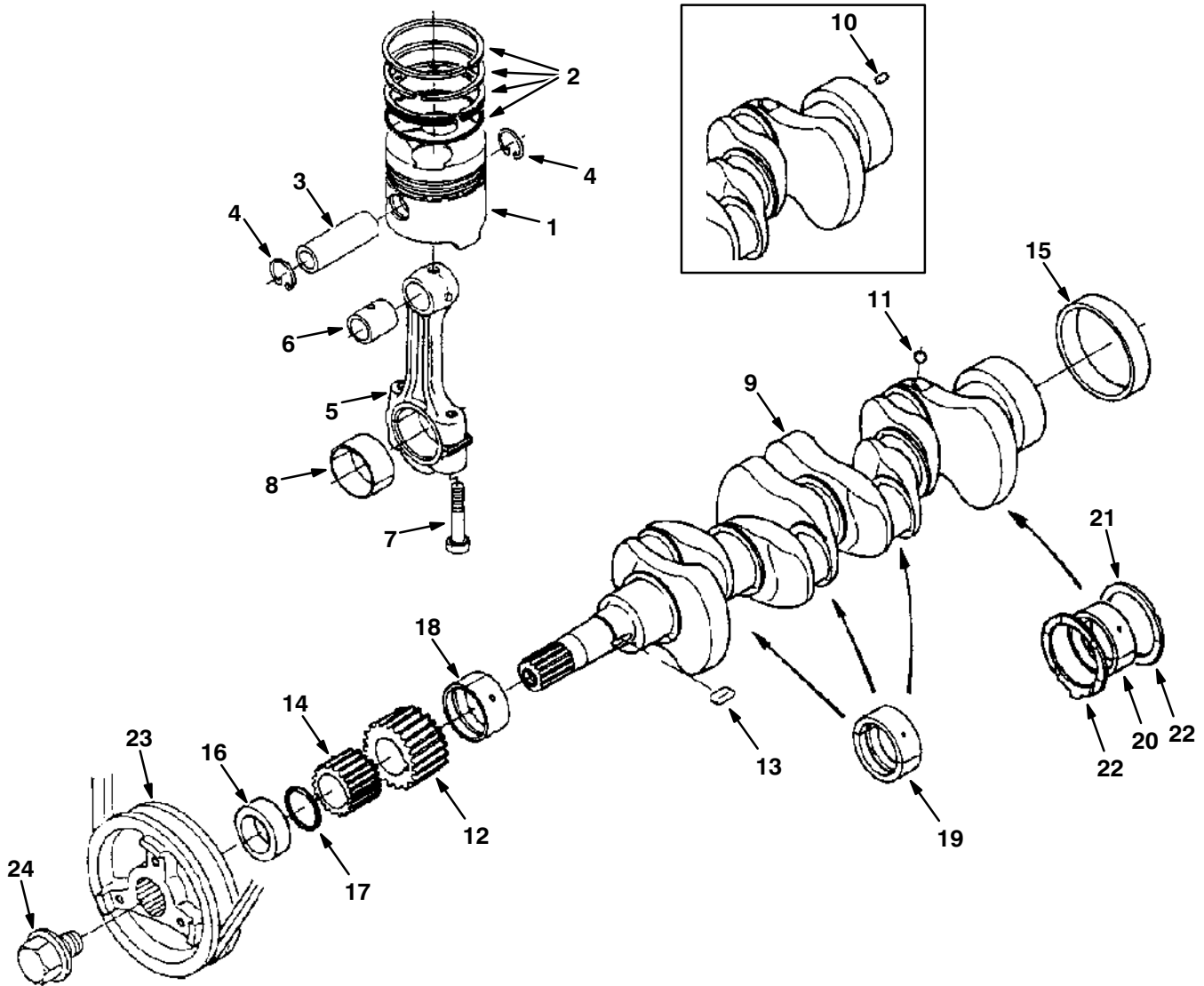


Fig. 11 – Piston and Crankshaft Group

Ref.	Tennant Part No.	Kubota Part Number	Description	Qty.
1	73520	16060-2111-0	Piston	4
1	73521	16060-2191-0	Piston 05	4
2	70938	16261-2105-0	Assembly Piston Ring	4
2	70939	16261-2109-0	Assembly Piston Ring 05	4
3	73522	16241-2131-0	Pin, Piston	4
4	73523	16241-2133-0	Cir-clip, Piston Pin	8
▽	5	73524	Assembly Connecting Rod	4
▲	6	70940	Bush, Piston Pin	4
▲	7	73525	Bolt, Connecting Rod	8
▲	8	70941	Metal, Crankpin	4
▲	8	66204	Metal, Crankpin 02	4
▲	8	66207	Metal, Crankpin 04	4
▽	9	73526	Comp. Crankshaft	1
▲	10	71987	05012-00508 <sup>①</sup> Pin, Straight	1
▲	11	73527	07715-00401 Ball	4
▲	12	73528	16241-2411-0 Gear, Crankshaft	1
▲	13	73529	16271-9523-0 Key	1
▲	14	73530	16241-3563-0 Gear, Oil Pump Drive	1
▲	15	70942	16241-2328-0 Sleeve, Crankshaft	1
	16	70943	16241-2325-0 Collar, Crankshaft	1
	17	70944	04811-10280 O-Ring	1
	18	70945	16241-2347-0 Metal, Crankshaft 1	1
	18	70946	16241-2391-0 Metal, Crankshaft1 02	1
	18	70947	16241-2392-0 Metal, Crankshaft1 04	1
	19	70948	16241-2348-0 Metal, Crankshaft 2	3
	19	70949	16241-2393-0 Metal, Crankshaft2 02	3
	19	70950	16241-2394-0 Metal, Crankshaft2 04	3
	20	70951	16241-2349-0 Metal, Crankshaft 3	1
	20	70952	16241-2386-0 Metal, Crankshaft3 02	1
	20	70953	16241-2387-0 Metal, Crankshaft3 04	1
	21	10844	15521-2353-0 Metal, Side 1	2
	21	70954	15521-2395-0 Metal, Side 1 02	2
	21	70955	15521-2396-0 Metal, Side 1 04	2
	22	10845	19202-2354-0 Metal, Side 2	2
	22	30121	19202-2397-0 Metal, Side 2 02	2
	22	30122	19202-2398-0 Metal, Side 2 04	2
	23	73531	16271-74281 Pulley, Fan Drive, 112mm	1
	24	73532	16241-9102-0 Bolt	1

<sup>①</sup> Kubota Engine Serial Number (000000-459953)

**Fig. 12 – Flywheel Group**

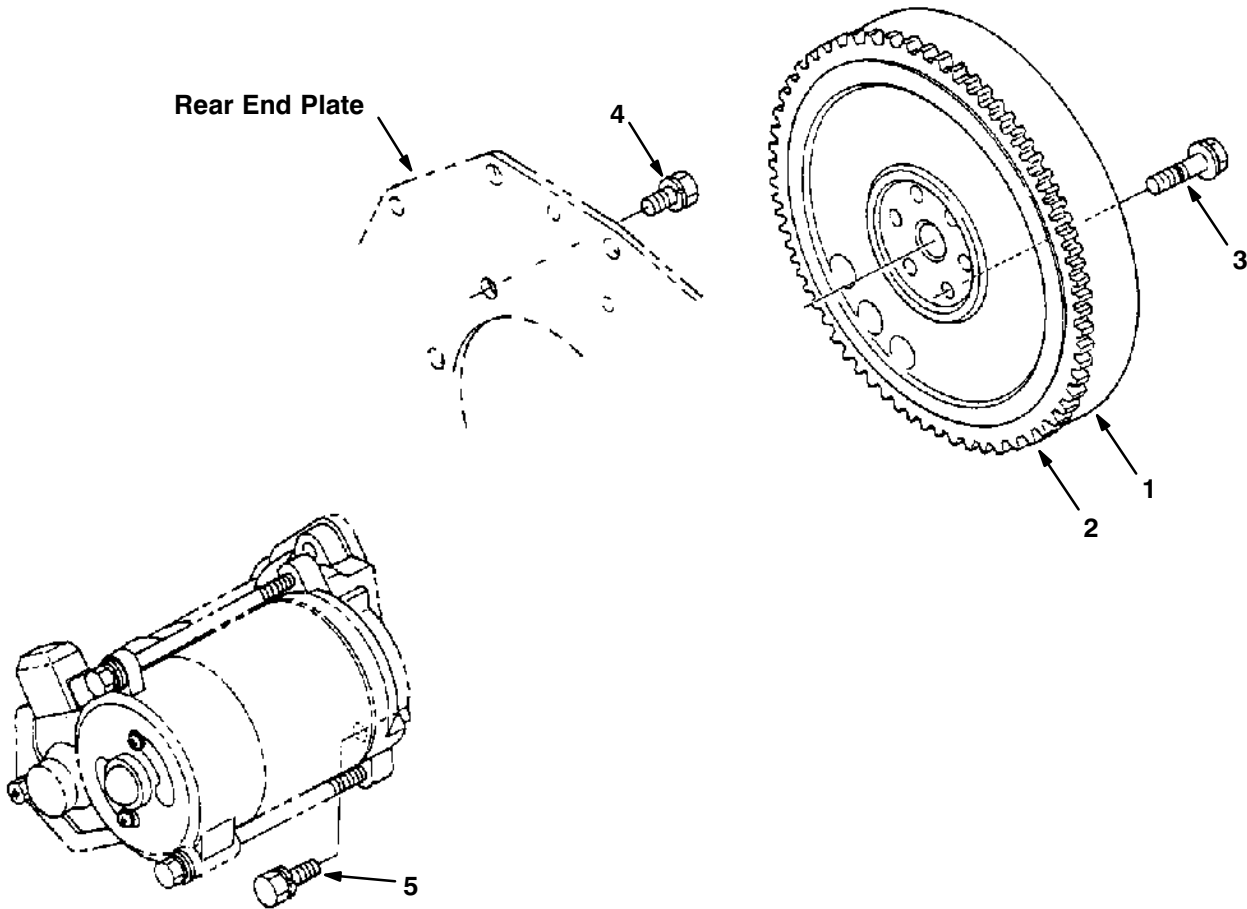


Fig. 12 – Flywheel Group

	<b>Ref.</b>	<b>Tennant Part No.</b>	<b>Kubota Part Number</b>	<b>Description</b>	<b>Qty.</b>
▽	1	70956	16614-2501-2	Comp. Flywheel	1
▲	2	70957	15262-6382-0	Gear, Ring	1
	3	73533	16241-2516-0	Bolt, Flywheel	6
	4	73534	15261-9119-0	Bolt	8
	5	73535	01123-50830	Bolt	2

Fig. 13 – Starter Breakdown, 55860 (000000–xxxxxx)

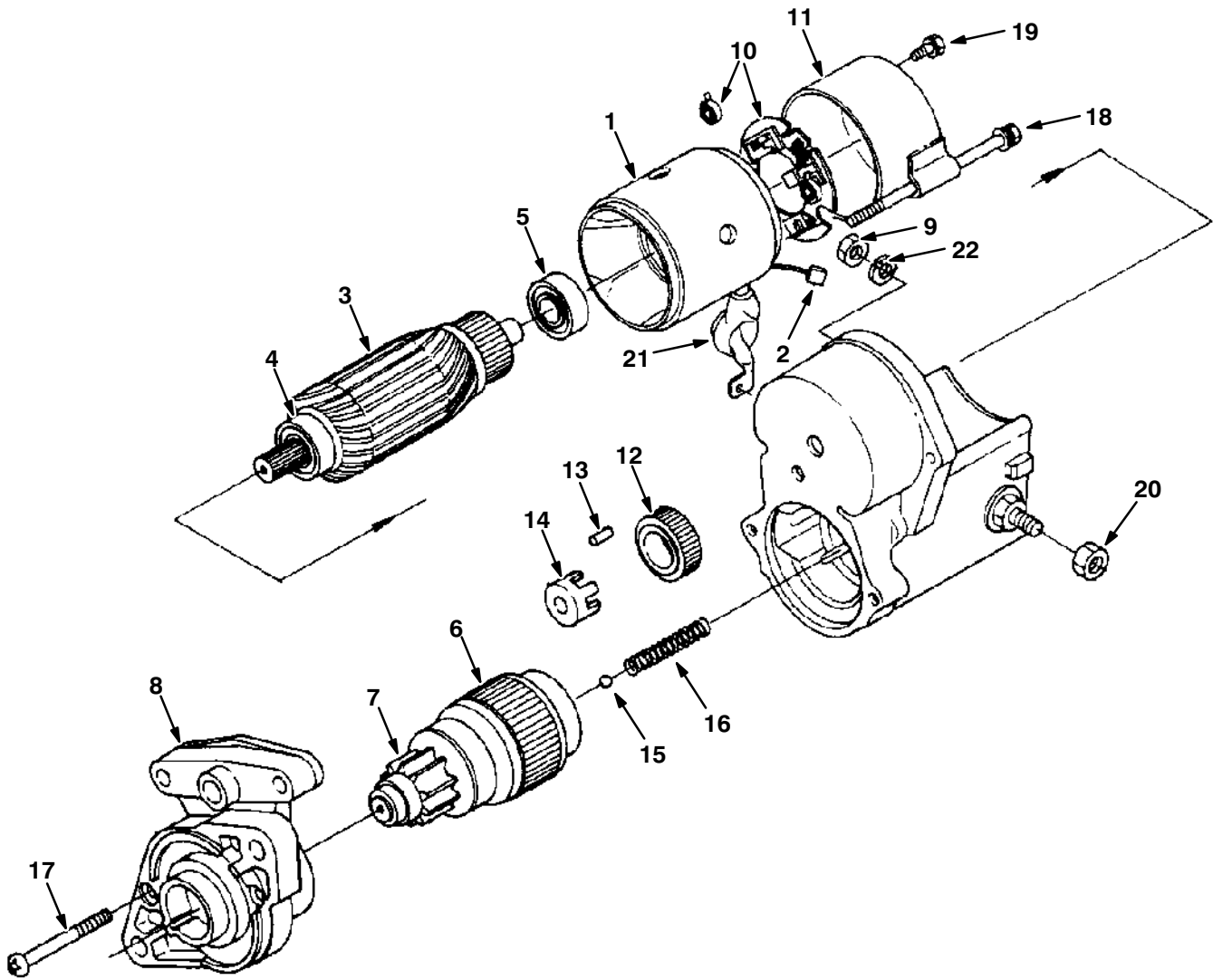




Fig. 13 – Starter Breakdown, 55860 (000000–xxxxxx)

	Ref.	Tennant Part No.	Kubota Part Number	Description	Qty.
▽		55860		Assembly Starter	1
▲	1	73536	16271-6308-0	Yoke	1
▲	2	70959	15501-6337-0	Brush	2
▲	3	73537	16271-6307-0	Armature	1
▲	4	73538	15504-6353-0	Bearing, Ball	1
▲	5	70960	16271-6353-0	Bearing, Ball	1
▲	6	70961	15504-6304-0	Clutch	1
▲	7	70962	16271-6314-0	Pinion, Bevel	1
▲	8	73539	15504-6303-0	Housing	1
▲	9	73553	19616-9201-0	Nut, Hexagon	1
▲	10	73541	16271-6338-0	Holder, Brush	1
▲		40442	15401-6339-0	Spring, Brush	4
▲	11	73543	15501-6320-0	Frame, End	1
▲	12	40457	15401-6327-0	Gear	1
▲	13	73544	19212-6310-0	Roller	5
▲	14	73545	19212-6311-0	Retainer	1
▲	15	73546	19212-9713-0	Ball	1
▲	16	73547	19212-6312-0	Spring	1
▲	17	73548	15501-9331-0	Screw, Pan Head	2
▲	18	73549	15501-6332-0	Bolt, Through	2
▲	19	73550	15501-9102-0	Bolt	2
▲	20	73551	13963-9201-0	Nut, Hexagon	1
▲	21	73552	15504-6312-0	Cover, Cord	1
▲	22	39097	04512-50080	Washer, Spring	1

Fig. 14 – Starter Breakdown, 74405 (xxxxxx- )

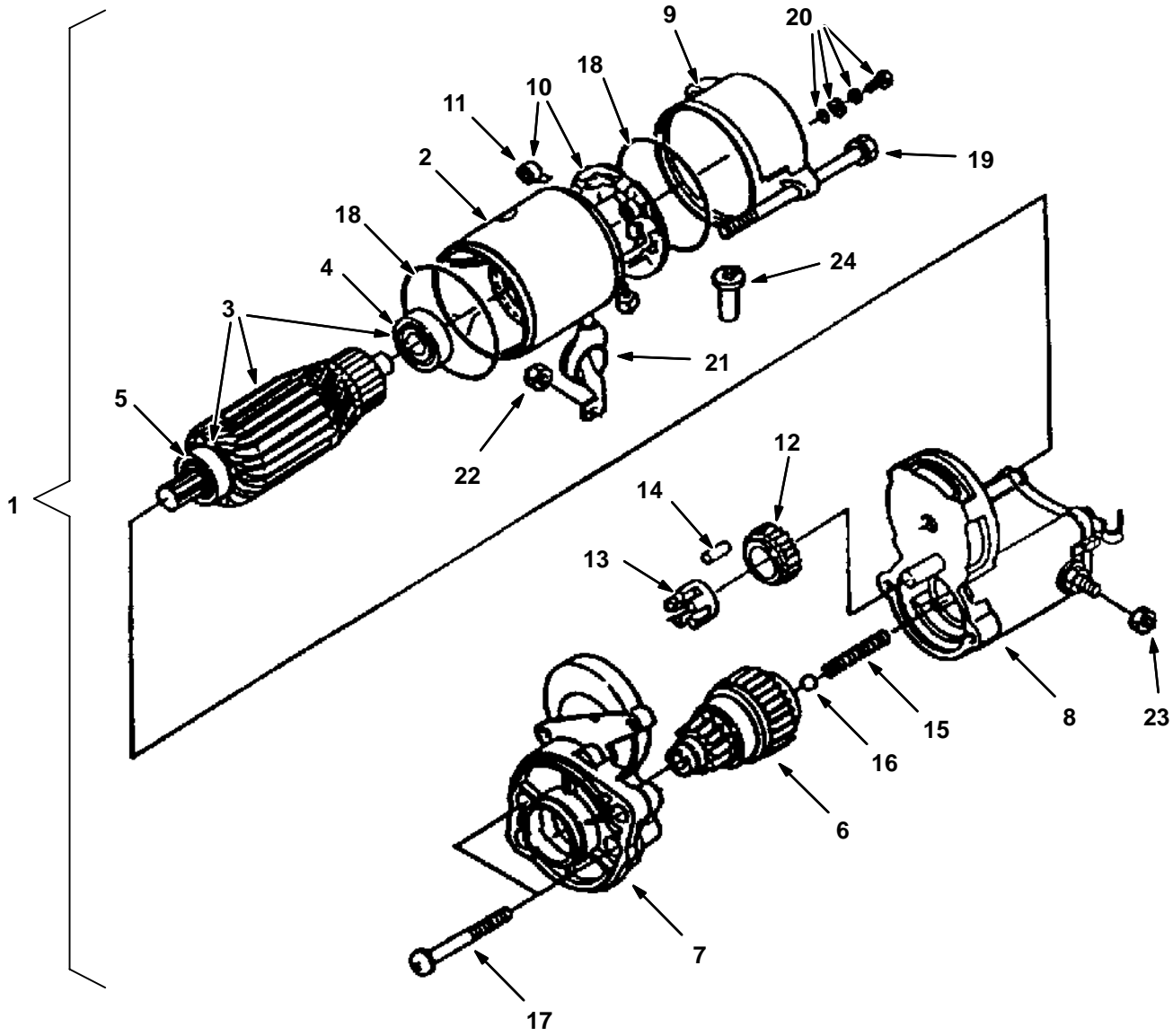


Fig. 14 – Starter Breakdown, 74405 (xxxxxx– )

	Ref.	Tennant Part No.	Kubota Part Number	Description	Qty.
▽	1	74405	16695-63012	Assy Starter	1
▲	2	70196	11460-63080	Assy Yoke	1
▲▽	3	70197	11460-63070	Assy Armature	1
▲▲	4	70198	11460-6350-0	Bearing	1
▲▲	5	70199	11460-6353-0	Bearing	1
▲	6	70200	34070-16810	Clutch, Over Running	1
▲	7	70201	16285-63030	Frame, Drive End	1
▲	8	70202	16695-63022	Assy Switch, Magneto	1
▲	9	70203	16695-63202	Frame, End	1
▲▽	10	70204	16695-63380	Assy Holder, Brush	1
▲▲	11	70205	11460-63390	Spring, Brush	4
▲	12	70206	34070-16820	Gear	1
▲	13	70207	11460-6311-0	Retainer	1
▲	14	73545	19212-6310-0	Roller	5
▲	15	70208	11460-6312-0	Spring	1
▲	16	73547	19212-9713-0	Ball	1
▲	17	70209	11460-9331-0	Bolt	2
▲	18	20433	15511-9666-0	O-Ring	2
▲	19	70210	11460-63320	Bolt	2
▲	20	20432	15511-6376-0	Assy Bolt	2
▲	21	70211	16695-63870	Cover	1
▲	22	73551	13963-92010	Nut, Hexagon	1
▲	23	70212	16285-9201-0	Nut, Hexagon	1
▲	24	70213	16285-6357-0	Pipe, Drain	1



Fig. 15 – Nozzle Holder Group

Ref.	Tennant Part No.	Kubota Part Number	Description	Qty.
1	73554	16271-4250-2	Pipe, Over Flow	1
2	73555	15841-5136-0	Screw	1
3	40166	15601-9665-0	Gasket	1
▽ 4	73557	16271-4202-0	Assembly Pipe, Over Flow	1
▲ 5	73558	16241-4232-0	Band, Pipe	2
6	73559	16032-5300-0	Holder Assembly, Nozzle (See Bkdn)	4
7	70964	15841-5362-0	Gasket	4
8	70965	16271-5371-2	Pipe, Injection 1	1
9	70966	16271-5372-2	Pipe, Injection 2	1
10	70967	16271-5373-2	Pipe, Injection 3	1
11	70968	16271-5374-2	Pipe, Injection 4	1
12	30131	15841-5385-0	Clamp, Pipe 1	3
13	30132	15841-5386-0	Clamp, Pipe 2	3
14	39508	03024-50520	Screw, With Washer	3
15	70969	16241-6551-0	Plug, Glow	4
15	84638	16851-6551-0	② Plug, Glow	4
16	73560	16271-6556-0	① Cord, Glow Plug	1
17	20719	19077-5365-0	② Seal, Heat	4

① Kubota Engine Serial Number (000000-489290)

② Kubota Engine Serial Number (489291- )

**Fig. 16 – Nozzle Holder Breakdown**

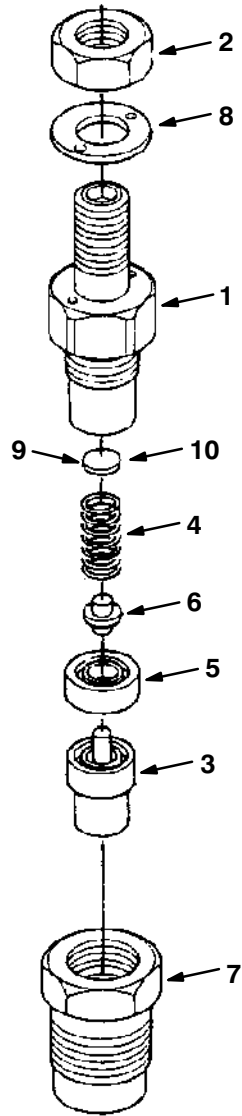


Fig. 16 – Nozzle Holder Breakdown

	Ref.	Tennant Part No.	Kubota Part Number	Description	Qty.
▽	1	73559	16032-5300-0	Holder Assembly, Nozzle	4
▲	2		16032-9203-0	Nut	4
▲	3		16032-5361-0	Piece, Nozzle	4
▲	4		16032-5317-0	Spring, Nozzle	4
▲	5		16032-5335-0	Piece, Distance	4
▲	6		16032-5316-0	Push Rod	4
▲	7		16032-5328-0	Nut, Nozzle	4
▲	8		16032-9404-0	Washer	4
▲▽	9		16032-9810-0	Assembly Washer, Adjust	1
▲▲	10		16032-5323-0	Washer, Adjusting	1
▲▲	10		16032-9850-0	Washer, Adjusting 0.10 mm	1
▲▲	10		16032-9851-0	Washer, Adjusting 0.20 mm	1
▲▲	10		16032-9852-0	Washer, Adjusting 0.30 mm	1
▲▲	10		16032-9853-0	Washer, Adjusting 0.40 mm	1
▲▲	10		16032-9854-0	Washer, Adjusting 0.50 mm	1
▲▲	10		16032-9855-0	Washer, Adjusting 0.52 mm	1
▲▲	10		16032-9856-0	Washer, Adjusting 0.54 mm	1
▲▲	10		16032-9857-0	Washer, Adjusting 0.56 mm	1
▲▲	10		16032-9858-0	Washer, Adjusting 0.58 mm	1
▲▲	10		16032-9859-0	Washer, Adjusting 0.80 mm	1

**Fig. 17 – Injection Pump Group**

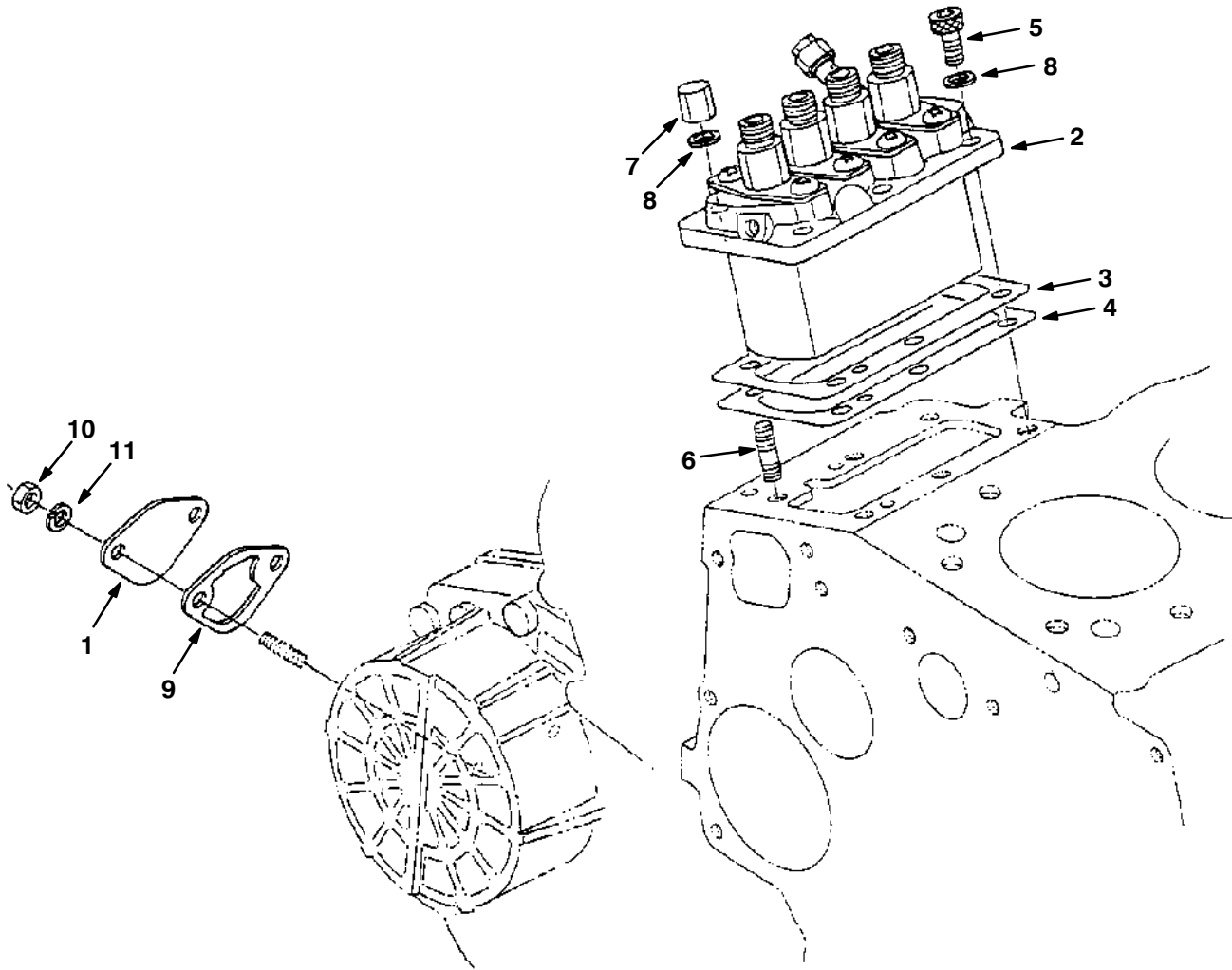




Fig. 17 – Injection Pump Group

Ref.	Tennant Part No.	Kubota Part Number	Description	Qty.
1	73565	15852-52140	Fuel Pump Cover Plate	1
2	70971	16285-5101-0	① Pump Assembly, Injection (See Bkdn)	1
2	84635	16060-5101-0	② Pump Assembly, Injection (See Bkdn)	1
3	70972	16040-5209-2	Shim, Injection Pump, 0.20 mm	1
4	70973	16040-5211-2	Shim, Injection Pump, 0.25 mm	2
4	84644	16040-5212-2	Shim, Injection Pump, 0.30 mm	1
5	73561	01311-10620	Bolt	3
6	73562	15841-9150-0	Stud	3
7	73563	15841-9232-0	Nut, Cap	3
8	39065	04512-50060	Washer, Spring	6
9	70974	15841-5214-0	Gasket, Fuel Pump	1
10	39121	02056-50060	Nut	2
11	39065	04512-50060	Washer, Spring	2

① Kubota Engine Serial Number (000000-489290)

② Kubota Engine Serial Number (489291- )

Fig. 18 – Injection Pump Breakdown (000000–489290)

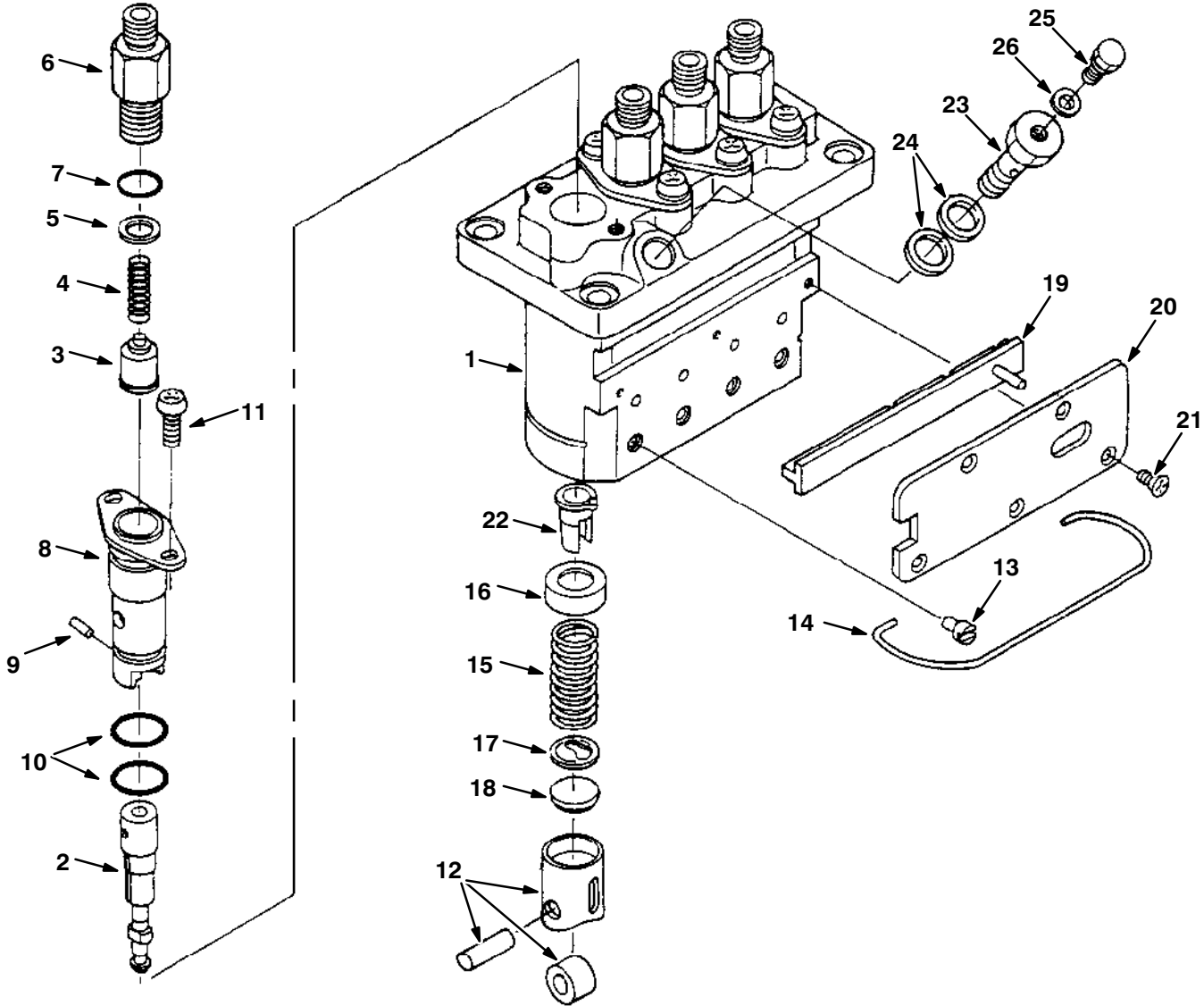


Fig. 18 – Injection Pump Breakdown (000000–489290)

	Ref.	Tennant Part No.	Kubota Part Number	Description	Qty.
▽	1	70971	16285-5101-0	Pump Assembly, Injection	1
▲	2	73566	16282-5105-0	Plunger, Pump	4
▲	3	73567	15841-5103-0	Valve, Delivery	4
▲	4	73568	15841-5123-0	Spring, Delivery Valve	4
▲	5	73569	15841-5124-0	Gasket, Delivery Valve	4
▲	6	73570	16271-5122-0	Holder, Delivery Valve	4
▲	7	73571	15841-9676-0	O-Ring	4
▲	8	73572	15841-5156-0	Flange, Sleeve	4
▲	9	73573	15841-9457-0	Pin, Joint	4
▲	10	73574	15841-5120-0	O-Ring	8
▲	11	73575	15862-9143-0	Screw	8
▲	12	73576	15841-5107-0	Assembly Tappet	4
▲	13	73577	15841-5125-0	Pin, Tappet Guide	4
▲	14	73578	16271-5143-0	Pin, Clamp	1
▲	15	73579	15841-5128-0	Spring, Plunger	4
▲	16	73580	15841-5127-0	Seat, Spring Upper	4
▲	17	73581	15841-5129-0	Seat, Spring Lower	4
▲	18	73582	15841-5149-0	Shim	1
▲	19	73583	16271-5106-0	Rack, Control	1
▲	20	73584	16271-5154-0	Plate	1
▲	21	73585	15841-9311-0	Screw	5
▲	22	73586	15841-5138-0	Sleeve, Control	4
▲	23	73587	16285-5132-0	Screw, Follow	1
▲	24	73588	15841-9665-0	Gasket	2
▲	25	73589	15841-5135-0	Screw	1
▲	26	73590	15841-9666-0	Gasket	1

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Fig. 19 – Injection Pump Breakdown (489291- )

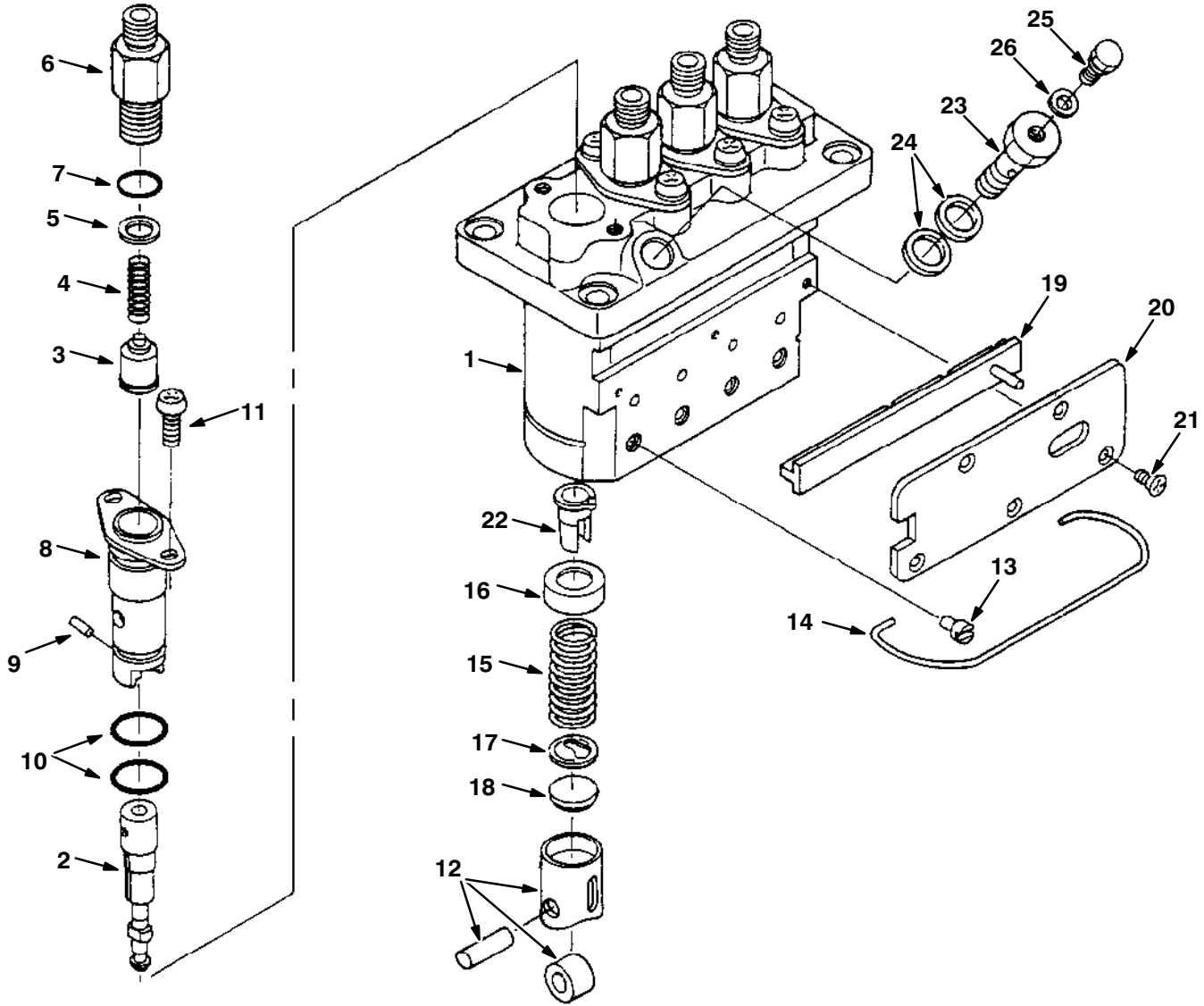
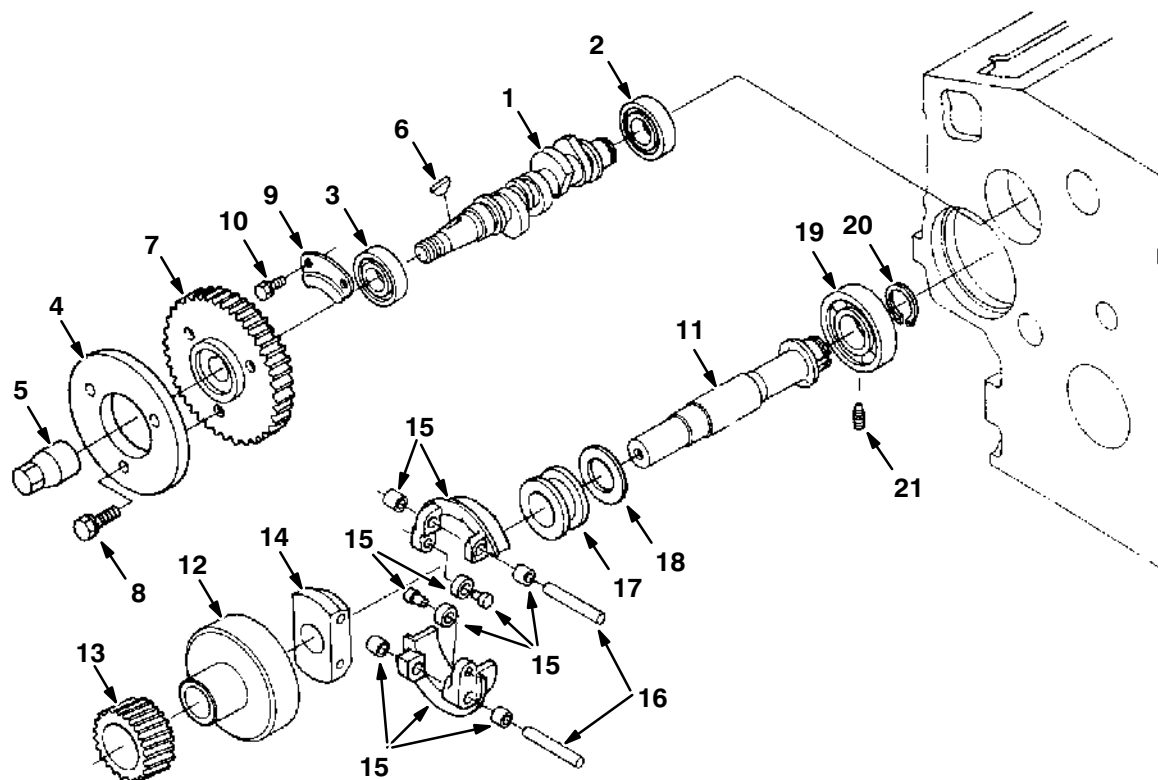


Fig. 19 – Injection Pump Breakdown (489291– )

	Ref.	Tennant Part No.	Kubota Part Number	Description	Qty.
▽	1	84635	16060-5101-0	Pump Assembly, Injection	1
▲	2	84648	16030-5105-0	Plunger, Pump	4
▲	3	73567	15841-5103-0	Valve, Delivery	4
▲	4	73568	15841-5123-0	Spring, Delivery Valve	4
▲	5	73569	15841-5124-0	Gasket, Delivery Valve	4
▲	6	73570	16271-5122-0	Holder, Delivery Valve	4
▲	7	73571	15841-9676-0	O-Ring	4
▲	8	73572	15841-5156-0	Flange, Sleeve	4
▲	9	73573	15841-9457-0	Pin, Joint	4
▲	10	73574	15841-5120-0	O-Ring	8
▲	11	73575	15862-9143-0	Screw	8
▲	12	73576	15841-5107-0	Assembly Tappet	4
▲	13	73577	15841-5125-0	Pin, Tappet Guide	4
▲	14	73578	16271-5143-0	Pin, Clamp	1
▲	15	73579	15841-5128-0	Spring, Plunger	4
▲	16	73580	15841-5127-0	Seat, Spring Upper	4
▲	17	73581	15841-5129-0	Seat, Spring Lower	4
▲	18	73582	15841-5149-0	Shim	1
▲	19	84649	16060-5106-0	Rack, Control	1
▲	20	84650	16060-5154-0	Plate	1
▲	21	73585	15841-9311-0	Screw	5
▲	22	73586	15841-5138-0	Sleeve, Control	4
▲	23	84651	16030-5132-0	Screw, Follow	1
▲	24	73588	15841-9665-0	Gasket	2
▲	25	73589	15841-5135-0	Screw	1
▲	26	73590	15841-9666-0	Gasket	1

Fig. 20 – Fuel Camshaft Group



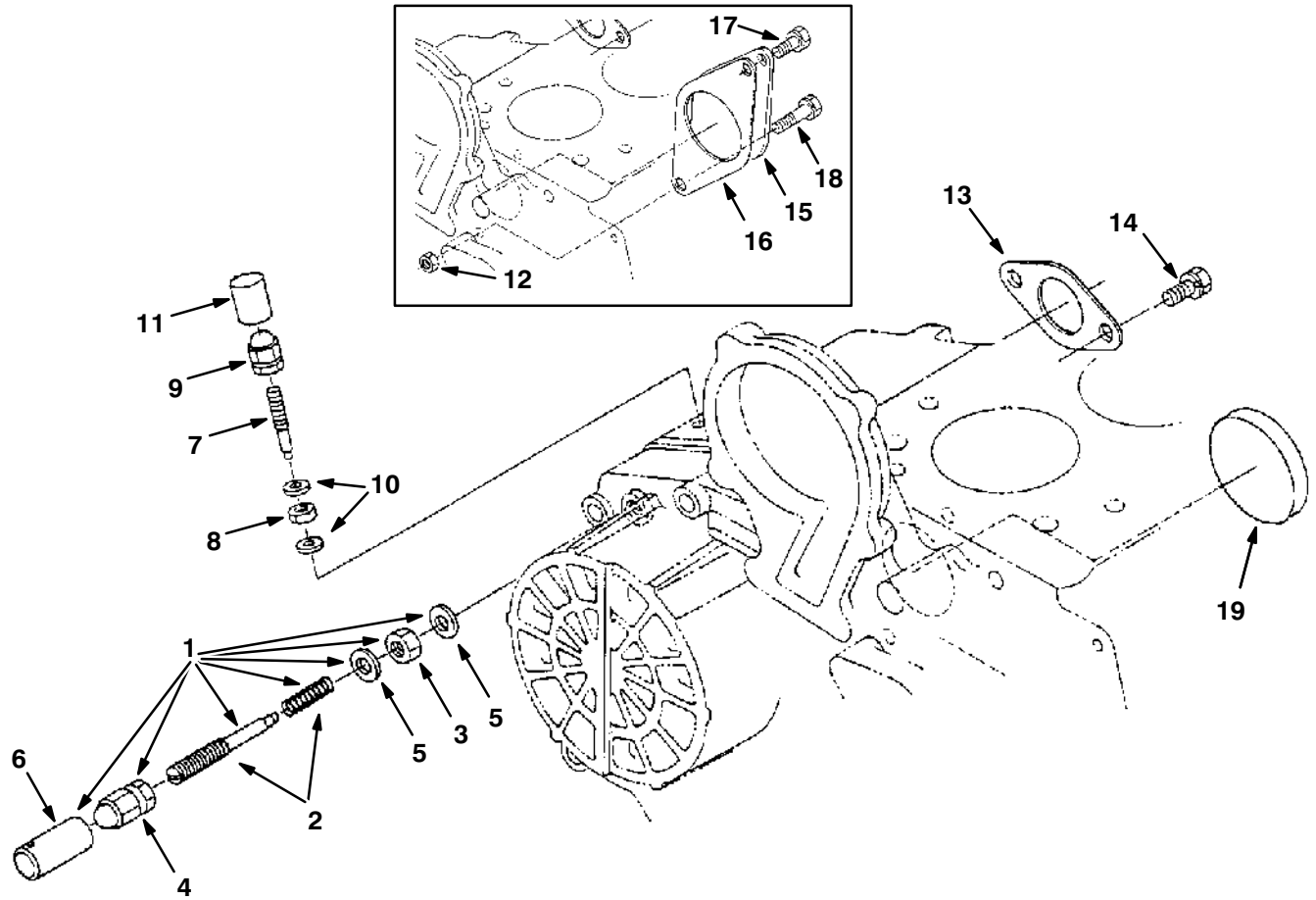
07440/07441

Ref.	Tennant Part No.	Kubota Part Number	Description	Qty.
1	73591	16241-1617-0	① Camshaft, Fuel	1
1	84636	16040-1617-0	② Camshaft, Fuel	1
2	70975	08103-06202	Bearing, Ball	1
3	70976	08103-06204	Bearing, Ball	1
4	73592	16241-5111-3	Cam, Fuel	1
5	73593	16241-9233-0	Nut, Cap	1
6	73594	16241-9523-0	Key, Woodruff	1
7	73595	16272-5115-0	Gear, Injection Pump	1
8	40409	01023-50618	Bolt	3
9	73596	16241-1632-0	Stopper	1
10	71995	01023-50612	Bolt	2
▽ 11	73597	16282-5501-2	Assembly Shaft, Governor	1
▲ 12	73598	16241-5539-2	Holder, Governor Gear	1
▲ 13	73599	16282-5532-0	Gear, Governor	1
▲ 14	73600	16241-5527-0	Holder,	1
▲ 15	73601	16241-5506-2	Comp. Weight, Governor	2
▲ 16	73602	16241-5526-0	Shaft, Governor Weight	2
▲ 17	70977	16241-5545-0	Sleeve, Governor	1
▲ 18	70978	16241-5546-3	Washer, Thrust	1
19	70979	08101-06304	Bearing, Ball	1
20	73603	16271-5541-0	Cir-clip, Governor Shaft	1
21	73604	16241-5555-4	Screw, Set	1

① Kubota Engine Serial Number (000000-489290)

② Kubota Engine Serial Number (489291- )

**Fig. 21 – Idling Group**



07442/07443

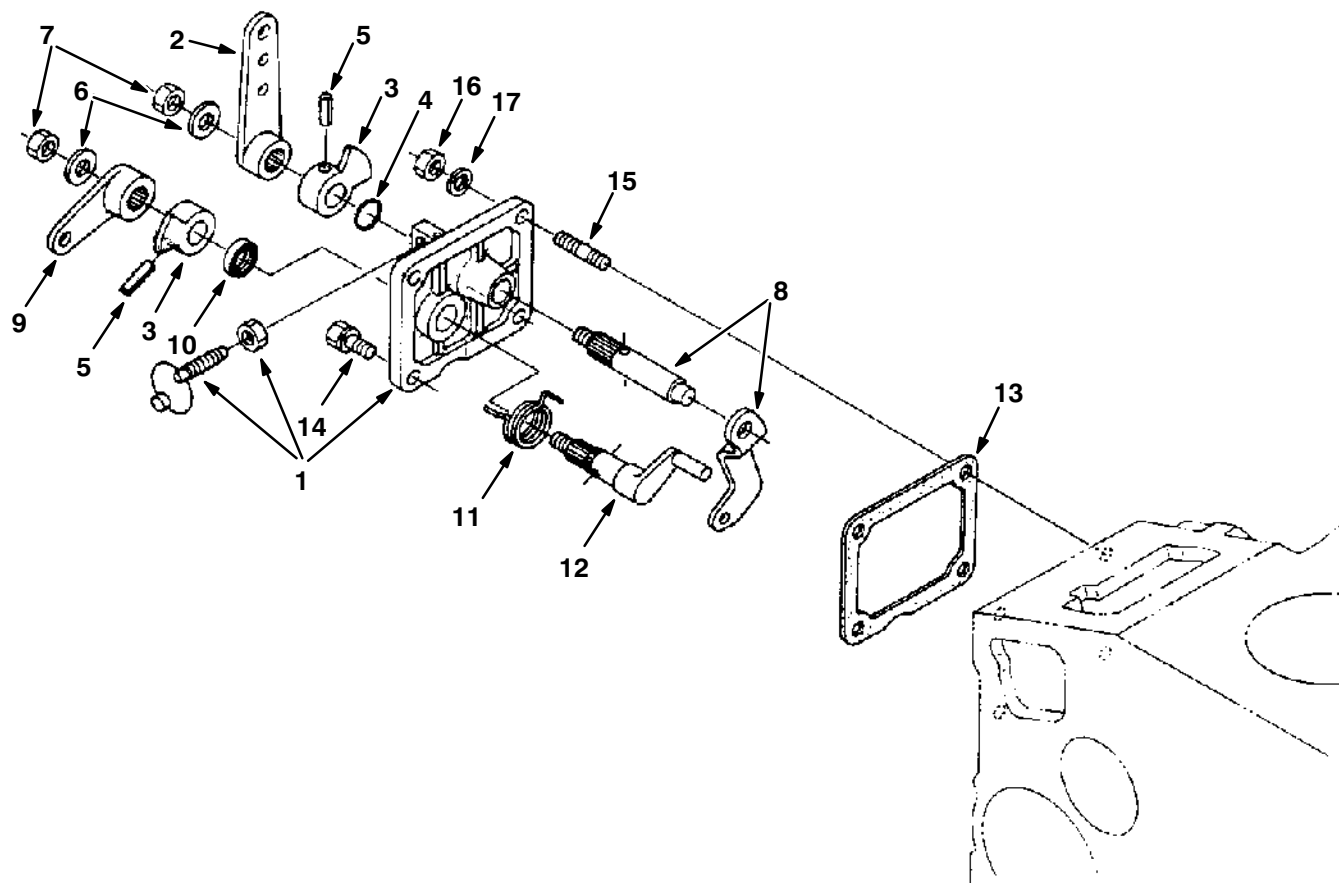
Ref.	Tennant Part No.	Kubota Part Number	Description	Qty.
▽ 1	70980	16285-5409-0	Assembly Apparatus, Idle	1
▲ 2	73605	16285-5410-0	Assembly Bolt, Adjusting	1
▲ 3	73606	15841-9202-0	Nut	1
▲ 4	73607	15841-9233-0	Nut, Cap	1
▲ 5	40166	15601-9665-0	Gasket	2
▲ 6	30136	16241-5442-0	Cap	1
7	73610	16241-5412-0	Bolt, Adjusting	1
8	73606	15841-9202-0	Nut	1
9	73607	15841-9233-0	Nut, Cap	1
10	40166	15601-9665-0	Gasket	2
11	30136	16241-5442-0	Cap	1
12	39096	02156-50080	① Nut	1
13	70165	16299-60150	Gasket, Thrtl Blk	1
14	39160	01053-50614	Bolt	2
15	73614	16282-8315-0	① Cover, Hydraulic Pump	1
16	73615	16282-8311-0	① Gasket	1
17	73616	01123-50820	① Bolt	1
18	40079	01123-50832	① Bolt	1
19	70188	16264-83151	② Cover	1

① Kubota Engine Serial Number (000000-534271)

② Kubota Engine Serial Number (534272- )

# ENGINE BREAKDOWN

Fig. 22 – Speed Control Plate Group

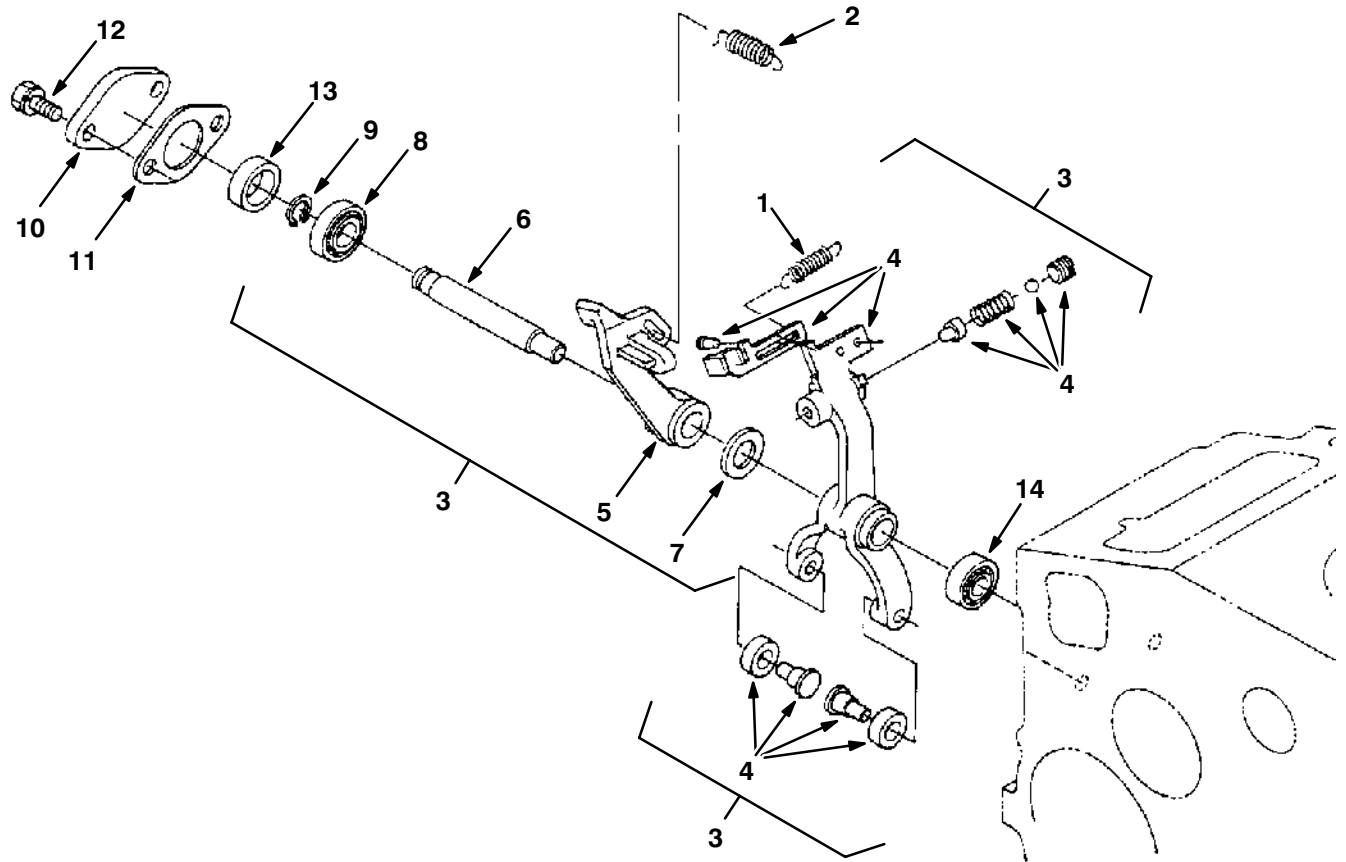


07444/07445

Ref.	Tennant Part No.	Kubota Part Number	Description	Qty.
▽ 1	70982	16271-5701-5	Assembly Plate, Control	1
▲ 2	73618	16271-5715-0	Lever, Speed Control	1
▲ 3	73619	16241-5716-0	Lever, Speed Control	2
▲ 4	73620	04811-00100	O-Ring	1
▲ 5	40407	05411-00420	Pin, Spring	2
▲ 6	73621	16241-9402-0	Washer, Plain	2
▲ 7	73622	16241-9202-0	Nut	2
▲ 8	73623	16271-5602-3	Comp. Lever, Governor	1
▲ 9	73624	16271-5772-0	Lever, Engine Stop	1
▲ 10	70983	15471-5798-0	Seal, Oil	1
▲ 11	73625	16222-5751-0	Spring, Return	1
▲ 12	73626	16271-5774-0	Shaft, Stop Lever	1
13	70984	16264-5721-0	Gasket	1
14	41973	01023-50616	Bolt	2
15	72018	01513-50616	Stud	2
16	39121	02056-50060	Nut	2
17	39065	04512-50060	Washer, Spring	2



**Fig. 23 – Governor Group**

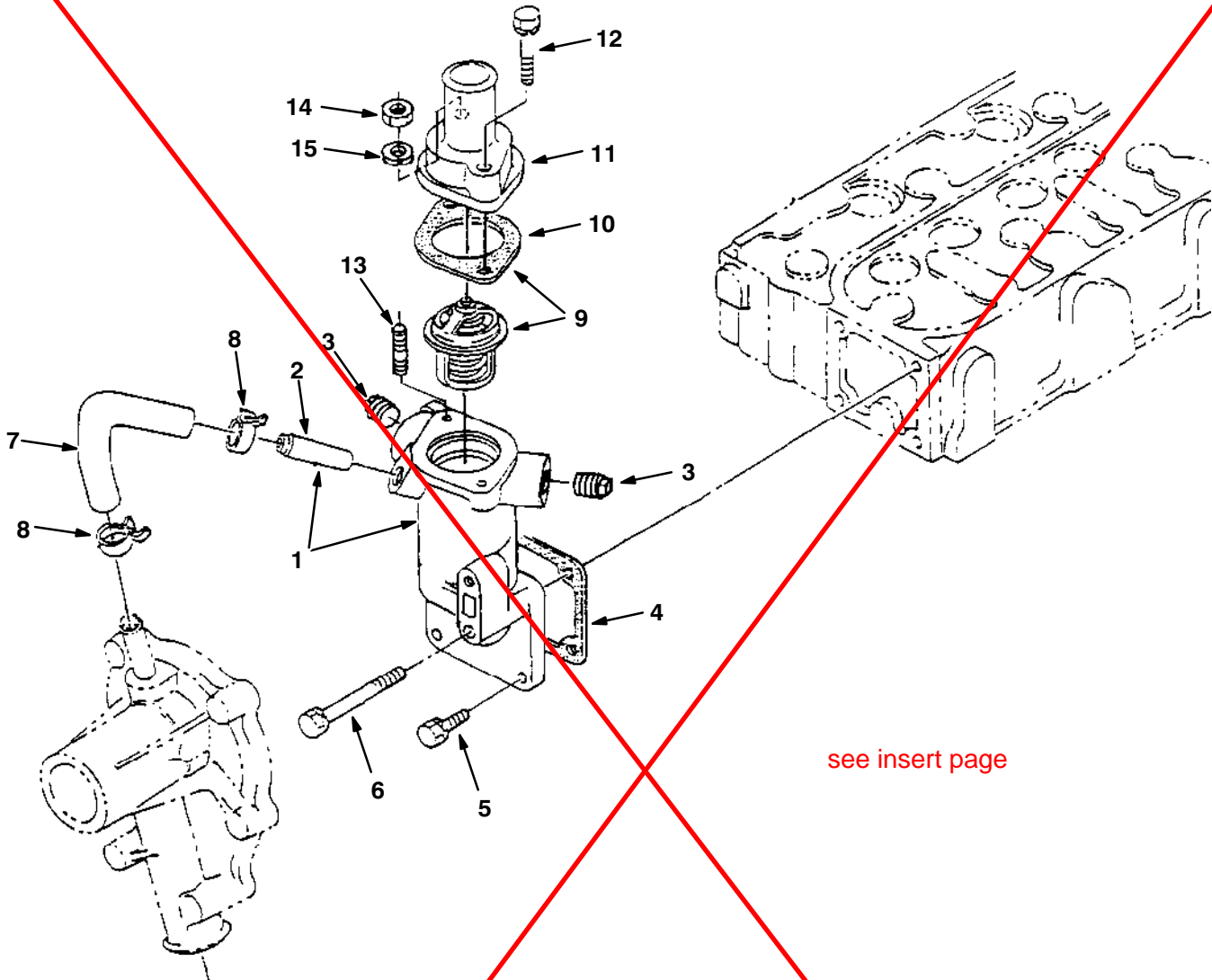


07446/07447

Ref.	Tennant Part No.	Kubota Part Number	Description	Qty.
1	70985	16285-5648-0	Spring, Start	1
2	70986	16285-5641-0	Spring, Governor	1
▽ 3	73627	16060-5605-0	Assembly Lever, Fork	1
▲ 4	70987	16285-5604-2	Comp. Lever, Fork 1	1
▲ 5	73628	16271-5613-2	Lever, Fork 2	1
▲ 6	73629	16241-5615-3	Shaft, Fork Lever	1
▲ 7	70988	16241-9401-0	Washer, Plain	1
▲ 8	70989	16241-5633-0	Bearing, Ball	1
▲ 9	73630	04612-00090	Cir-clip, External	1
10	73631	16241-5625-0	Cover, Fork Lever Shaft	1
11	70990	16241-5626-0	Gasket	1
12	39160	01053-50614	Bolt	2
13	70991	16241-5621-0	Collar 1	1
14	70992	16241-5634-0	Bearing, Ball	1

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Fig. 24 – Water Flange Group

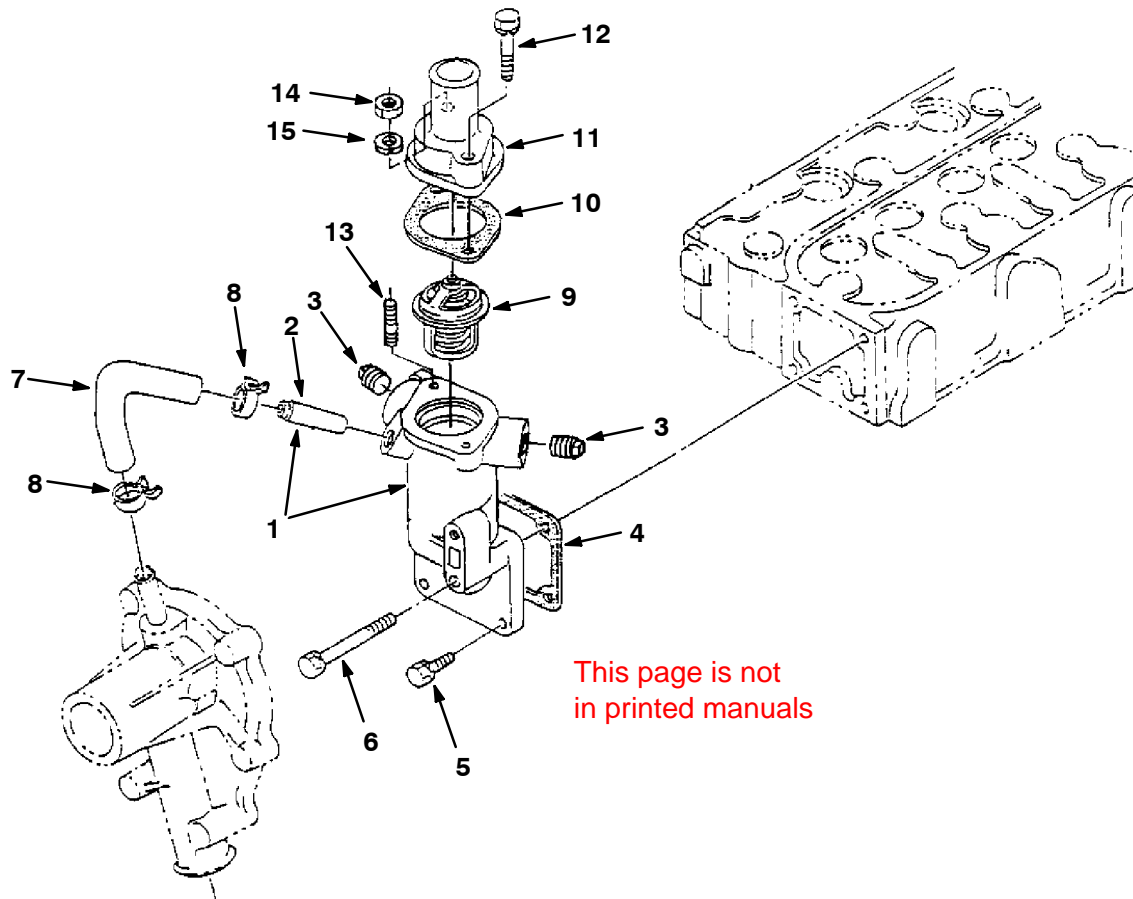


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07450/07451

Ref.	Tennant Part No.	Kubota Part Number	Description	Qty.
▽ 1	70993	16616-7270-0	Comp. Flange, Water	1
▲ 2	70918	16241-7334-0	Pipe, Water Return 1	1
3	73632	19298-9602-0	Plug	2
4	70994	16264-7292-0	Gasket, Water Flange	1
5	41973	01023-50616	Bolt	3
6	72995	01023-50655	Bolt	1
7	73633	16241-7335-0	Pipe, Water Return 2	1
8	73634	16241-7336-0	Band, Pipe	2
▽ 9	71455		Assembly Thermostat	1
▲ 10	70996	16264-7327-0	Gasket	1
11	73635	16271-7326-0	Cover, Thermostat	1
12	72996	01023-50630	Bolt	1
13	73636	01513-50630	Stud	1
14	39121	02056-50060	Nut	1
15	39065	04512-50060	Washer, Spring	2

Fig. 24 - Water Flange Group



07451 D

Ref.	Part No.		Description	Qty.
▽	1	70993	① Comp. Flange, Water (1.5 Dia.)	1
▲	2	361440	① Pipe, Water Return	1
▽	1	368090	② Flange, Water (1.7 Dia)	1
▲	2	361440	② Pipe, Water Return (1.7 Dia)	1
	3	73632	Plug	2
	4	70994	Gasket, Water Flange	1
	5	41973	Bolt	3
	6	72995	Bolt	1
	7	73633	Pipe, Water Return 2	1
	8	73634	Band, Pipe	2
	9	71456	① Thermostat (1.5 Dia.)	1
	9	10852	② Thermostat (1.7 Dia)	1
	10	368092	① Gasket (1.5 Dia.)	1
	10	10851	② Gasket (1.7 Dia)	1
	11	73635	① Cover, Thermostat (1.5 Dia.)	1
	11	368091	② Housing, Thermostat (1.7 Dia)	1
	12	72996	Bolt	1
	13	73636	Stud	1
	14	39121	Nut	1
	15	39065	Washer, Spring	2

① Kubota engines built before June 1997

② Kubota engines built June 1997 and later

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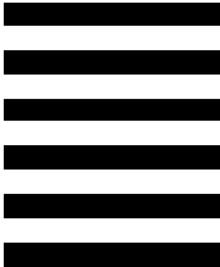
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