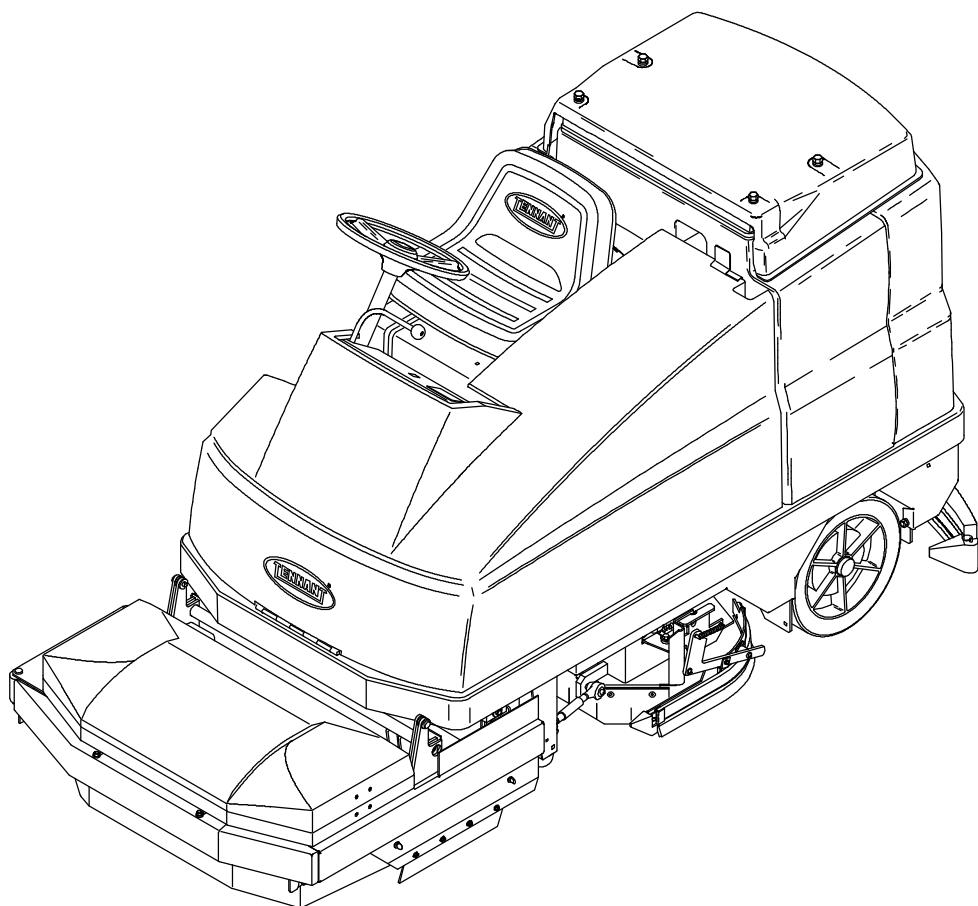




# 515SS

Parts Manual



MM419  
Rev.09



This manual is furnished with each new TENNANT Model 515SS.

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

#### MACHINE DATA

*Please fill out at time of installation for future reference.*

Machine Model Number - 515SS

Machine Serial Number - \_\_\_\_\_

Machine Options - \_\_\_\_\_

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

Customer ID Number - \_\_\_\_\_

Date of Installation - \_\_\_\_\_

Manual Number - MM419

Revision: 09

Published: 6-00

## HOW TO USE THIS MANUAL

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

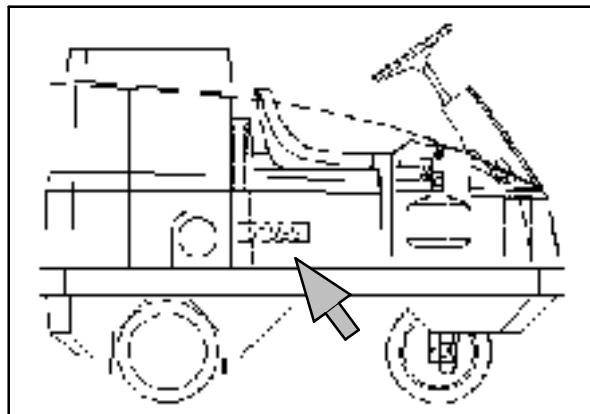
- Find important machine information for ordering correct repair parts.
- Find TENNANT part numbers.
- Order TENNANT parts and supplies.

### IMPORTANT INFORMATION

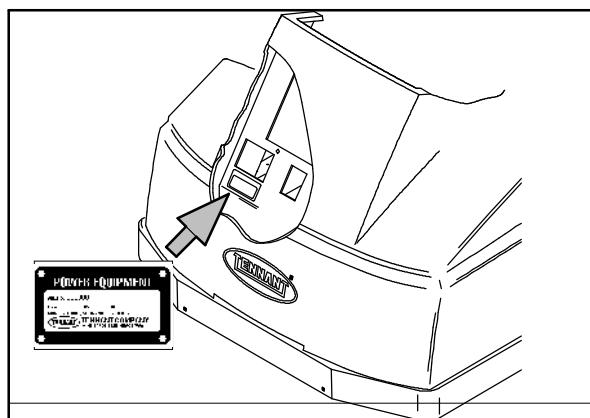
When placing an order for parts, the machine model and machine serial number are important. Refer to the *MACHINE DATA* box which is filled out during the installation of your machine. The *MACHINE DATA* box is located on the inside of the front cover of this manual.

MACHINE DATA	
Please fill in the following information to place your order.	
Machine Model Number	MM419
Machine Serial Number	_____
Machine Option	_____
TENNANT Equipment Type	_____
Serial Number	_____
Date of Purchase	_____
Model Year	_____
Hours Used	_____
Part Type	_____

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.



350415

# 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.

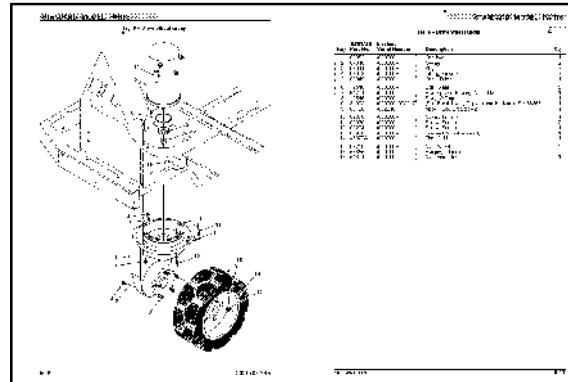
The BREAKDOWN section lists available repair parts of major components.

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:

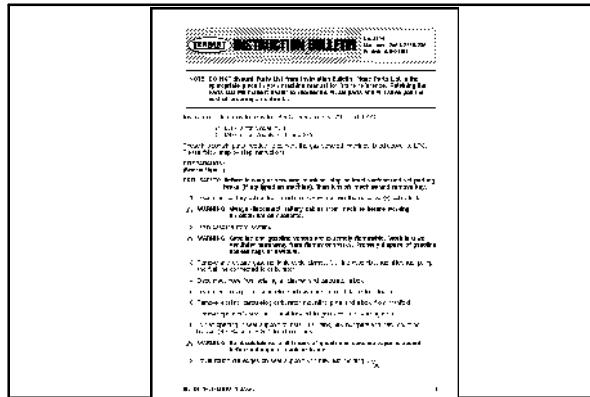
- **Ref** - column refers to the reference number on the parts illustration.  
▽ - indicates the part is an assembly.  
▲ - indicates the part is included in the assembly listed just before it.
- **TENNANT Part No.** - column lists the TENNANT part number for the part.
- **Serial Number** - column indicates 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.



Key	TENNANT Part No.	Machine Serial Number	Description	Qty.
1	86365	(UUUUU-	) Gearbox	1
2	87840	Q0000C0-	) O-Ring	2
3	87841	Q0000C0	) Plug	2
4	87839	Q0000C0-	) Fitting, Grease	2
5	87849	(INNNNN-	) Gear, Driving	1
6	13640	Q0000C0-	) Bolt, Wheel	5
7	61791	Q0000C0-	) Bearing and Housing Assembly	1
8	12545	(UUUUU-	) Seal, U-Hng	1
9	31992	Q0000C0-C02C17	(See Breakdowns) Replacement Kit Motor For 86366	1
9	60198	Q02018-	) Motor (See Breakdowns)	1
10	02076	Q0000C0-	) Cover, Terminal	4
11	09030	Q0000C0-	) Screw, Socket	2
12	09294	Q0000C0-	) Screw, Socket	1
13	48970	(INNNNN-	) "Tire and Wheel Assembly	1
14	45027A	Q0000C0-	) "Tire, Solid	1
15	87750	Q0000C0-	) Nut, Wheel	5
13	59885	Q0000C0-	) Bumper, Rubber	2
17	51624	Q0000C0-	) Nut, Flr, Thin	1

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

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



## 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**

---

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

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

**SECTION 2****CONTENTS**

	<b>PAGE</b>
Fig. 1 - Recommended General Maintenance Items .....	2-3
Fig. 2 - Replacement Brushes for MaxPro™ 1000 Two-Brush System .....	2-4
Fig. 3 - Replacement Brushes for MaxPro™ 1200 Three-Brush System .....	2-6
Fig. 4 - Main Frame .....	2-8
Fig. 5 - Seat Assembly .....	2-10
Fig. 6 - Steering Group .....	2-12
Fig. 7 - Drive Wheel Group .....	2-14
Fig. 8 - Front Brake Linkage Group .....	2-16
Fig. 9 - Rear Brake Linkage Group .....	2-18
Fig. 10 - Rear Wheel and Brake Group .....	2-20
Fig. 11 - Floor Plate Group .....	2-22
Fig. 12 - Directional Pedal Group .....	2-24
Fig. 13 - Sweeper Frame Group .....	2-26
Fig. 14 - Sweeper Drive Group .....	2-28
Fig. 15 - Brush Idler Group .....	2-30
Fig. 16 - Side Brush Group .....	2-32
Fig. 17 - Hopper Lift Group .....	2-34
Fig. 18 - Hopper Lift Arms Group .....	2-36
Fig. 19 - Vacuum System Group .....	2-38
Fig. 20 - Sweeper Control Box .....	2-40
Fig. 21 - Scrub Head Drive Group for MaxPro™ 1000 Two-Brush System .....	2-42
Fig. 22 - Scrub Head Mount Group for MaxPro™ 1000 Two-Brush System .....	2-44
Fig. 23 - Scrub Head Stop and Squeegee Mount Group for MaxPro™ 1000 Two-Brush System .....	2-45
Fig. 24 - Scrub Head Lift Group for MaxPro™ 1000 Two-Brush System .....	2-46
Fig. 25 - Edge Scrub Group for MaxPro™ 1000 Two-Brush System .....	2-48
Fig. 26 - Solution Valve Group for MaxPro™ 1000 Two-Brush System .....	2-50
Fig. 27 - Right Side Squeegee Group for MaxPro™ 1000 Two-Brush System .....	2-52
Fig. 28 - Left Side Squeegee Group for MaxPro™ 1000 Two-Brush System .....	2-53
Fig. 29 - Scrubhead Drive Group for MaxPro™ 1200 Three-Brush System .....	2-54
Fig. 30 - Scrub Head Lift Group for MaxPro™ 1200 Three-Brush System .....	2-56
Fig. 31 - Edge Scrub Group for MaxPro™ 1200 Three-Brush System .....	2-58
Fig. 32 - Scrub Head Stops and Squeegee Mount Group for MaxPro™ 1200 Three-Brush System .....	2-60
Fig. 33 - Scrub Head Mount Group for MaxPro™ 1200 Three-Brush System .....	2-61
Fig. 34 - Solution Group for MaxPro™ 1200 Three-Brush System .....	2-62
Fig. 35 - Right Side Squeegee Group for MaxPro™ 1200 Three-Brush System .....	2-64
Fig. 36 - Left Side Squeegee Group for MaxPro™ 1200 Three-Brush System .....	2-66
Fig. 37 - Rear Squeegee Mount Group .....	2-68
Fig. 38 - Rear Squeegee Group .....	2-70
Fig. 39 - Rear Squeegee Linkage Group .....	2-71
Fig. 40 - Recovery Tank Group .....	2-72
Fig. 41 - Solution Tank Group .....	2-74
Fig. 42 - Demister and Cover Group .....	2-76
Fig. 43 - Instrument Panel Group .....	2-78
Fig. 44 - Electronic Panel Group .....	2-80
Fig. 45 - Control Box Group .....	2-82
Fig. 46 - Vacuum Fan Group .....	2-84
Fig. 47 - Electrical Schematic (for machines below serial number 004287) .....	2-86
Fig. 48 - Electrical Schematic (for machines serial number 004287 and above) .....	2-87
Fig. 49 - Wire Harness Group .....	2-88
Fig. 50 - Label Group .....	2-94

## **STANDARD PARTS**

Fig. 1 - Recommended General Maintenance Items

Ref.	Tenant Part No.	Machine Serial Number	Description	Qty.
	24304	(000000-	) Squeegee Kit Rear	1
	14575	(000000-	) Squeegee Front	1
	86812	(000000-	) Gasket, Squeegee	2
	12542	(000000-	) Bracket, Retainer	2
	86859	(000000-	) Squeegee, Side	2
	14672	(000000-	) Skirt, Brush, Rh Front	1
	14674	(000000-	) Strip, Retainer, Skirt, Rh	1
	14671	(000000-	) Skirt, Brush, Lh Front	1
	14673	(000000-	) Strip, Retainer, Skirt, Lh	1
	15952	(000000-	) Skirt, Brushrear	3
	15951	(000000-	) Strip, Retainer, Skirt-Rear	3
	363123	(000000-	) Blade Assy, Squeegee, Side	1
	363165	(000000-	) Blade, Side Squeegee, Front	1
	363166	(000000-	) Retainer, Mtg, Front Blade	1
	363163	(000000-	) Skirt, Scrub Head Front	1
	72971	(000000-	) Rivet, Plastic .325Dx.787	12
	41178	(000000-	) Washer-Flt .25 Fender Pltd	12
	363367	(000000-	) Belt, V 3V X 630	1
	363366	(000000-	) Belt, V 3V X475	1
	363370	(000000-	) Seal, Foam Rbr 1.0 X 1.0 X19.0	3
	363187	(000000-	) Skirt, Side, Left	1
	363188	(000000-	) Strip, 4 .375 Dia Holes	1
	363041	(000000-	) Skirt, Side	1
	363042	(000000-	) Strip, 3 .374 Dia Holes	1
	363043	(000000-	) Strip, 2 .374 Dia Holes	1
	363428	(000000-	) Seal, Bulb, 35.250 Lg	1
	363044	(000000-	) Skirt, Rear	1
	363065	(000000-	) Skirt, Hopper Lip	1
	363066	(000000-	) Bracket, Retainer, Hopper Lip	1
	363426	(000000-	) Seal, Foam Rbr .5X1.0X20.0	2
	363427	(000000-	) Seal, Bulb, 9.375 Lg	1
	63319	(000000-	) Seal, Vac - Fan	1
	363463	(000000-	) Filter Pkg, Panel 119 Pleats	1

## STANDARD PARTS

**Fig. 2 - Replacement Brushes for MaxPro™ 1000 Two-Brush System**

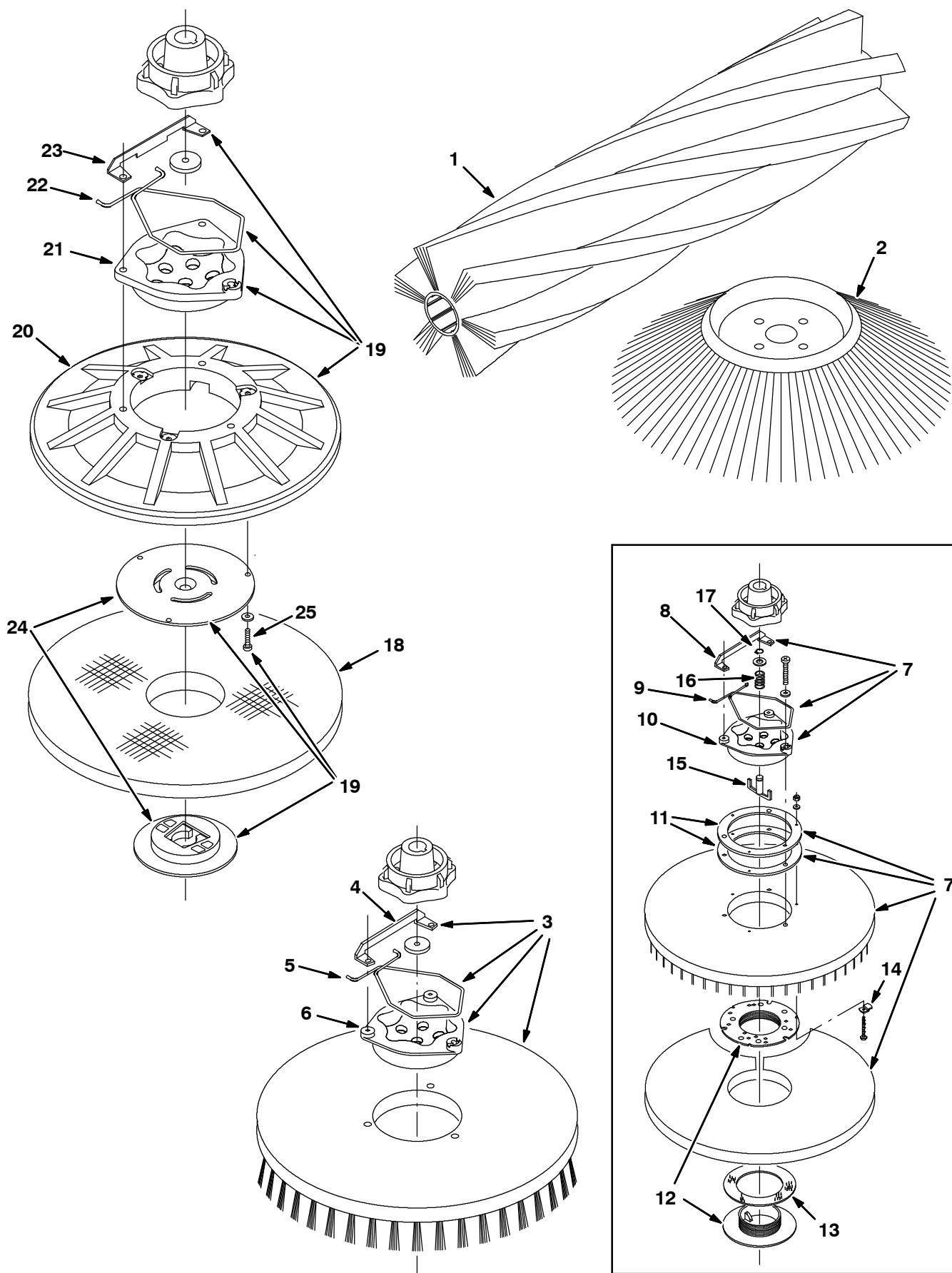


Fig. 2 - Replacement Brushes for MaxPro™ 1000 Two-Brush System

Ref.	Tenant Part No.	Machine Serial Number	Description	Qty.
1	363403	(000000-	) Brush Assy, 36 Inch Poly	1
2	87419	(000000-	) Brush-Side Swp -19 D- Poly	1
▼	3 14967	(000000-	) Brush-Disk Scr 20 D Assy Nylon	2
▲	4 24299	(000000-	) Bracket Spring Retainer	1
▲	5 14838	(000000-	) Spring, Brush Retaining	1
▲	6 15539	(000000-	) Adaptor, Brush	1
▼	3 14953	(000000-	) Brush-Disk Scr 20 D Assy Poly	2
▲	4 24299	(000000-	) Bracket Spring Retainer	1
▲	5 14838	(000000-	) Spring, Brush Retaining	1
▲	6 15539	(000000-	) Adaptor, Brush	1
▼	3 14586	(000000-	) Brush-Disk Scr 20 D-Assy-S Ab	2
▲	4 24299	(000000-	) Bracket Spring Retainer	1
▲	5 14838	(000000-	) Spring, Brush Retaining	1
▲	6 15539	(000000-	) Adaptor, Brush	1
▼	7 14584	(000000-xxxxxx	) Pad Driver Brush 20D Assy Poly	2
▲	8 24299	(000000-xxxxxx	) Bracket Spring Retainer	1
▲	9 14838	(000000-xxxxxx	) Spring, Brush Retaining	1
▲	10 15539	(000000-xxxxxx	) Adaptor, Brush	1
▲	11 11218	(000000-xxxxxx	) Spacer Pad Holder	2
▲	12 32506	(000000-xxxxxx	) Pad Holder, Threaded	1
▲	13 32505	(000000-xxxxxx	) Washer Brush Pad Retainer	1
▲	14 32432	(000000-xxxxxx	) Clip Retaining	3
▲	15 32657	(000000-xxxxxx	) Clip Locking	1
▲	16 32661	(000000-xxxxxx	) Spring Compression	1
▲	17 86953	(000000-xxxxxx	) Ring, Retain,Ex,0.50 Stl Steel	1
18	17260	(000000-	) Pad-Polish 20D-White	2
18	17261	(000000-	) Pad-Buff-20D Red	2
18	17262	(000000-	) Pad-Schu .20D Blue	2
18	17263	(000000-	) Pad-Strip-20D Brown	2
▼	19 370020	(xxxxxx-	) Pad, Driver	1
▲	20 370080	(xxxxxx-	) Back, Pad Drive, W/Face 20 Dia.	1
▲	21 15539	(xxxxxx-	) Adapter, Brush	1
▲	22 14838	(xxxxxx-	) Spring, Brush Retaining	1
▲	23 24299	(xxxxxx-	) Bracket Spring Retainer	1
▲	24 370090	(xxxxxx-	) Center Device Assembly	1
▲	25 09198	(xxxxxx-	) Scr Pan Ss M4x0.7	3

## STANDARD PARTS

**Fig. 3 - Replacement Brushes for MaxPro™ 1200 Three-Brush System**

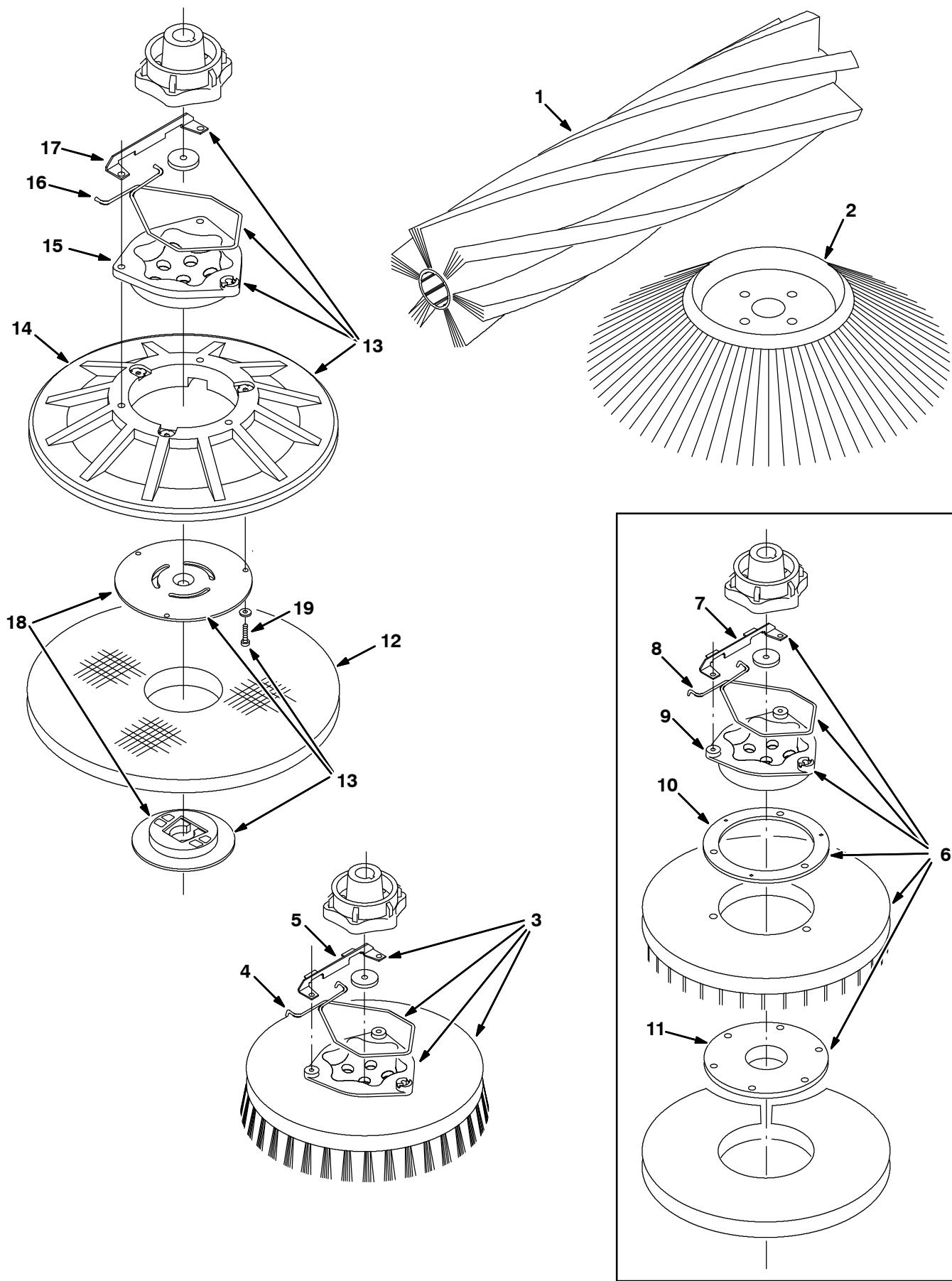


Fig. 3 - Replacement Brushes for MaxPro™ 1200 Three-Brush System

Ref.	Tenant Part No.	Machine Serial Number	Description	Qty.
1	363403	(000000-	) Brush Assy, 36 Inch Poly	1
2	87419	(000000-	) Brush-Side Swp -19 D- -Poly	1
▼	3 05724	(000000-	) Brush-Disk Scr 16 D-Assy-Nyl	3
▲	4 14838	(000000-	) Spring, Brush Retaining	1
▲	5 24299	(000000-	) Bracket Spring Retainer	1
▼	3 30241	(000000-	) Brush-Disk Scr 16 D Assy Poly	3
▲	4 14838	(000000-	) Spring, Brush Retaining	1
▲	5 24299	(000000-	) Bracket Spring Retainer	1
▼	3 05726	(000000-	) Brush-Disk Scr 16 D-Assy-S Ab	3
▲	4 14838	(000000-	) Spring, Brush Retaining	1
▲	5 24299	(000000-	) Bracket Spring Retainer	1
▼	6 30216	(000000-xxxxxx	) Brush-Pad Drive-16 D-Assy-Poly	3
▲	7 24299	(000000-xxxxxx	) Bracket Spring Retainer	1
▲	8 14838	(000000-xxxxxx	) Spring, Brush Retaining	1
▲	9 15539	(000000-xxxxxx	) Adaptor, Brush	1
▲	10 11218	(000000-xxxxxx	) Spacer Pad Holder	1
▲	11 19783	(000000-xxxxxx	) Pad Holder	1
12	63248-1	(000000-	) Pad-Strip-16D Brown	3
12	63248-2	(000000-	) Pad-Scrub-16D Blue	3
12	63248-3	(000000-	) Pad-Buff 16Dred	3
12	63248-4	(000000-	) Pad-Polis-16D White	3
▼	13 370020	( xxxxxx-	) Pad, Driver	1
▲	14 370080	( xxxxxx-	) Back, Pad Drive, W/Face 20 Dia.	1
▲	15 15539	( xxxxxx-	) Adapter, Brush	1
▲	16 14838	( xxxxxx-	) Spring, Brush Retaining	1
▲	17 24299	( xxxxxx-	) Bracket Spring Retainer	1
▲	18 370090	( xxxxxx-	) Center Device Assembly	1
▲	19 09198	( xxxxxx-	) Scr Pan Ss M4x0.7	3

## STANDARD PARTS

Fig. 4 - Main Frame

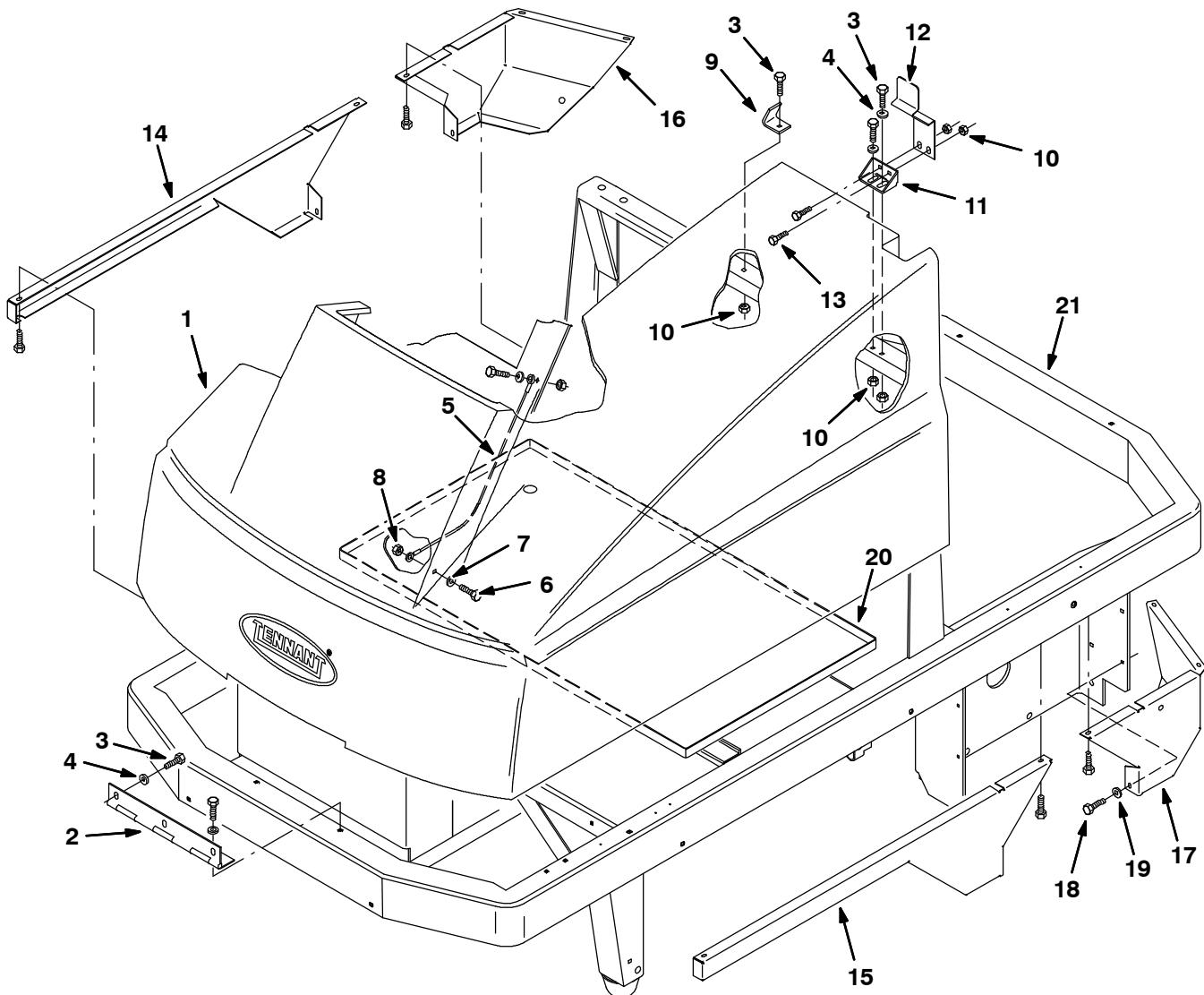


Fig. 4 - Main Frame

Ref.	Tenant Part No.	Machine Serial Number	Description	Qty.
1	363324	(000000-	) Cover, 515E	1
2	15964	(000000-	) Hinge	1
3	16931	(000000-	) Scr-Hex M 8X1.25 20 8.8 Pltd	8
4	32491	(000000-	) Washer Flt .31 Hard	7
5	36192	(000000-	) Lanyard Assy	1
6	06943	(000000-	) Scr Hex M6X1.0 20	2
7	32490	(000000-	) Washer Flt .25 Hard	3
8	08708	(000000-	) Nut Hxlocnyln M 6X1.0	2
9	41352	(000000-	) Angle Guide Cover	1
10	07791	(000000-	) Nut Hx Flange M 8X1.25	5
11	16539	(000000-	) Angle, Mtg, Latch	1
12	14051	(000000-	) Latch, Cover	1
13	16735	(000000-	) Scr-Hex M 8X1.25 16 8.8 Pltd	2
14	14994	(000000-	) Skirt, Frame, Rh Side	1
15	14995	(000000-	) Skirt, Frame Lh Side	1
16	14990	(000000-	) Skirt Frame Rh Rear	1
17	14993	(000000-	) Skirt Frame Lh Rear	1
18	16944	(000000-	) Scr-Hxfmgm 4X0.7 10 Pltd	21
19	41579	(000000-	) Washer, Flat 08 Ss	6
20	17191	(000000-	) Tray , Battery	1
21	363280	(000000-	) Frame Wldt	1

## STANDARD PARTS

Fig. 5 - Seat Assembly

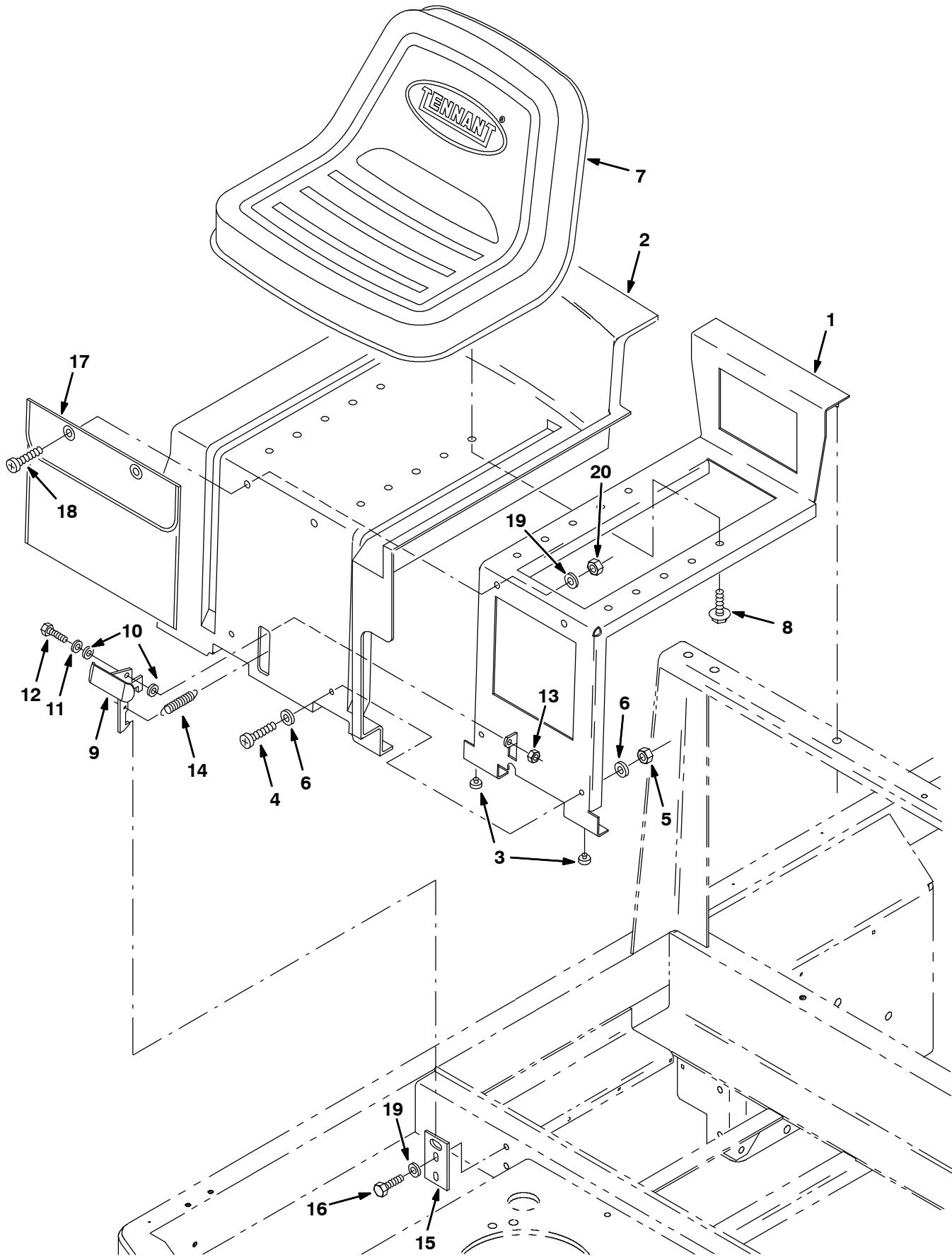


Fig. 5 - Seat Assembly

Ref.	Tenant Part No.	Machine Serial Number	Description	Qty.
▽	14516	(000000-	) Seat, W/ Support	1
▲	1 16201	(000000-	) Frame, Support, Seat	1
▲	2 16200	(000000-	) Panel, Shroud, Seat Support	1
▲	3 29233	(000000-	) Bumper, 3/32 Matl.	2
▲	4 09297	(000000-	) Screw Pan 8X1.25 30	2
▲	5 08709	(000000-	) Nut Hxlocnyln M 8X1.25	2
▲	6 32491	(000000-	) Washer Flt .31 Hard	4
▲	7 82342	(000000-	) Seat Assy	1
▲	8 01764	(000000-	) Scr-Hex .38-16X1.00 Sems Pltd	4
▲	9 16193	(000000-	) Latch	1
▲	10 24924	(000000-	) Washer, .281B .62D .06Nylon	2
▲	11 32490	(000000-	) Washer Flt .25 Hard	1
▲	12 06943	(000000-	) Scr Hex M6X1.0 20	1
▲	13 08708	(000000-	) Nut Hxlocnyln M 6X1.0	1
▲	14 09087	(000000-	) Sprng,Tens,0.56Odx.05Wire 0.9L	1
15	16196	(000000-	) Plate, Strike	1
16	16931	(000000-	) Scr-Hex M 8X1.25 20 8.8 Pltd	2
17	48790	(000000-	) Pouch Operator Handbook	1
18	09297	(000000-	) Screw Pan 8X1.25 30	2
19	32491	(000000-	) Washer Flt .31 Hard	4
20	08709	(000000-	) Nut Hxlocnyln M 8X1.25	2

## STANDARD PARTS

Fig. 6 - Steering Group

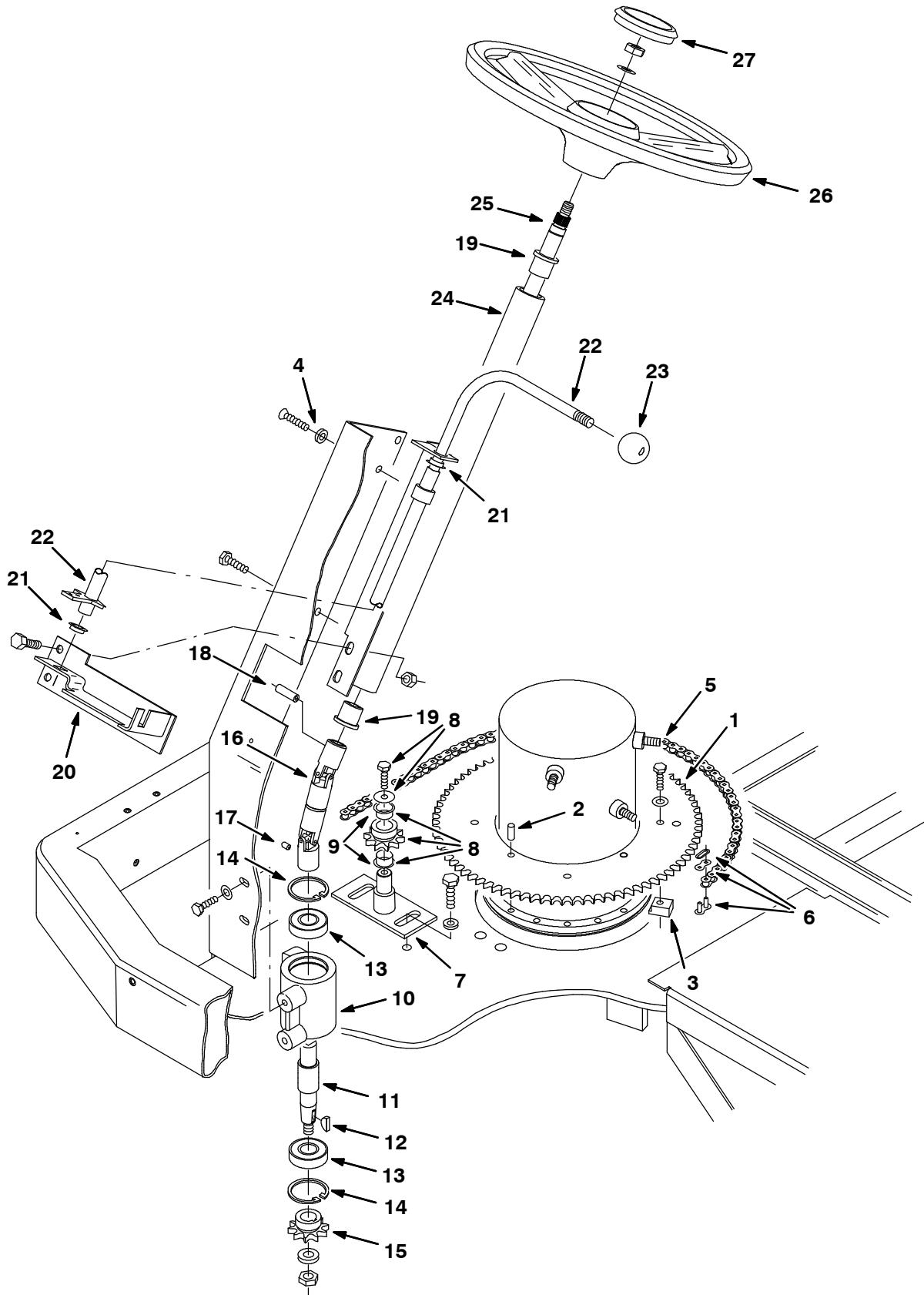


Fig. 6 - Steering Group

Ref.	Tenant Part No.	Machine Serial Number	Description	Qty.
1	363385	(000000-	) Sprocket, Steering	1
2	14296	(000000-	) Pin, Roll	4
3	14150	(000000-	) Clip, Sprocket	4
4	222466	(000000-	) Washer, Finishing	1
▽	5 363441	(000000-	) Steering Chain Kit	1
▲	6 07112	(000000-	) Link, Chain	1
	7 363986	(000000-	) Plate Wldt, Idler Mounting	1
▽	8 24353	(000000-	) Chain Idler Kit	1
▲	9 16370	(000000-	) Bearing, Flange	2
	10 14351	(000000-	) Housing, Bearing	1
	11 14335	(000000-	) Rod, Lower Steering	1
	12 00500-10	(000000-	) Key, Woodruff	1
	13 46390	(000000-	) Bearing, Ball	2
	14 26428	(000000-	) Ring, Retaining	2
	15 16386	(000000-	) Sprocket	1
	16 14355	(000000-	) Joint, Universal	1
	17 50011	(000000-	) Screw, Set	1
	18 26103	(000000-	) Pin, Roll	1
	19 16367	(000000-	) Bearing, Flange	2
	20 15830	(000000-	) Plate, Cable Mounting	1
	21 04843	(000000-	) Bearing, Flange	2
	22 15815	(000000-	) Rod, Control	1
	23 26156	(000000-	) Knob	1
	24 14336	(000000-	) Column, Steering	1
	25 14333	(000000-	) Shaft, Steering	1
	26 87488	(000000-	) Wheel, Steering	1
	27 57497	(000000-	) Cap, Steering Wheel	1

Fig. 7 - Drive Wheel Group

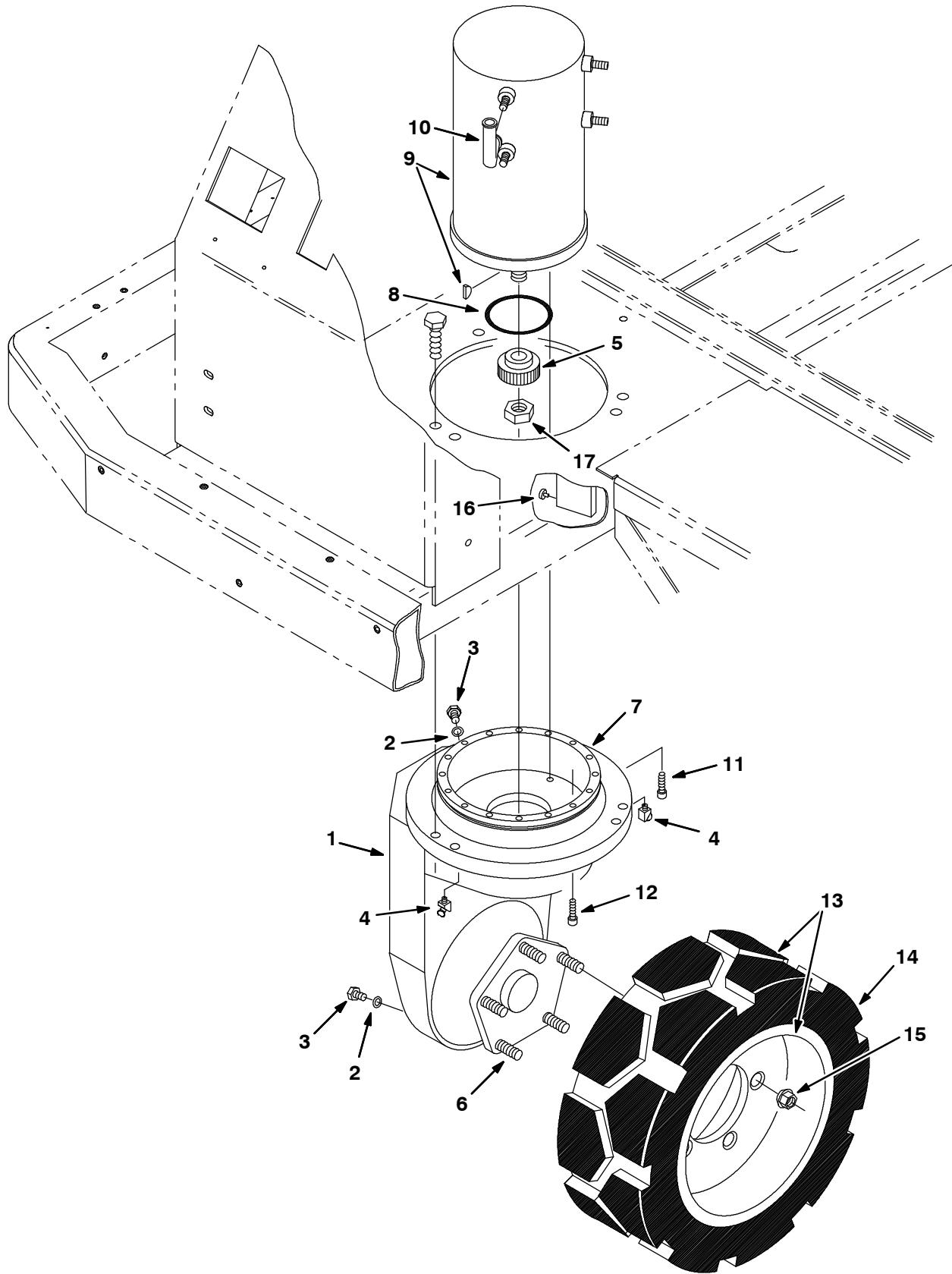
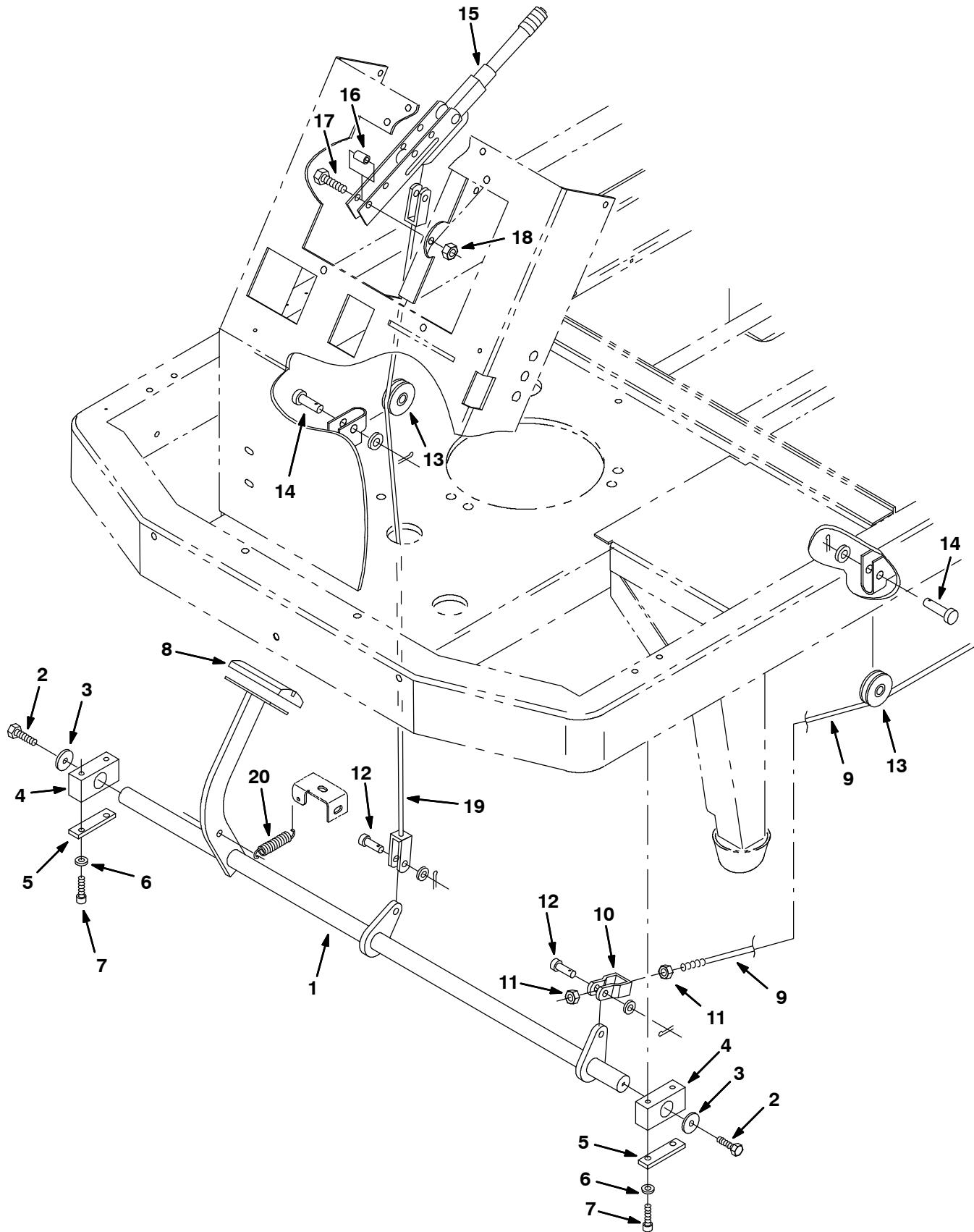


Fig. 7 - Drive Wheel Group

Tenant Ref.	Part No.	Machine Serial Number	Description	Qty.
▼ 1	87355	(000000-	) Gearbox, Hurth	1
▲ 2	87840	(000000-	) O-Ring	2
▲ 3	87841	(000000-	) Plug	2
▲ 4	87839	(000000-	) Grease Fitting	2
▲ 5	87849	(000000-	) Driving Gear	1
▲ 6	12540	(000000-	) Wheel Bolt	5
▲ 7	61791	(000000-	) Bearing & Housing	1
8	360980	(000000-	) Seal, O-Ring 2.987Id X .103T	1
9	60198	(000000-	) Motor, Traction 3.0Hp (See Breakdowns)	1
10	02076	(000000-	) Boot, 90Deg .50D .57X .84	4
11	09030	(000000-	) Scr Soc M 8X1.25 80	2
12	09294	(000000-	) Scr Soc M 8X1.25 60	1
▼ 13	86970	(000000-	) Tire & Wheel 16.25X6	1
▲ 14	45027A	(000000-	) Tire, 16.25X6X11.25 Sf/Xg, Solid	1
15	87750	(000000-	) Nut-Wheel M14 X 1.5	5
16	56855	(000000-	) Bumper,Rbr,W.Knurled Stud	2
17	51824	(000000-	) Nut-Hxlocnyln .50-20 Thin Pltd	1

## STANDARD PARTS

Fig. 8 - Front Brake Linkage Group

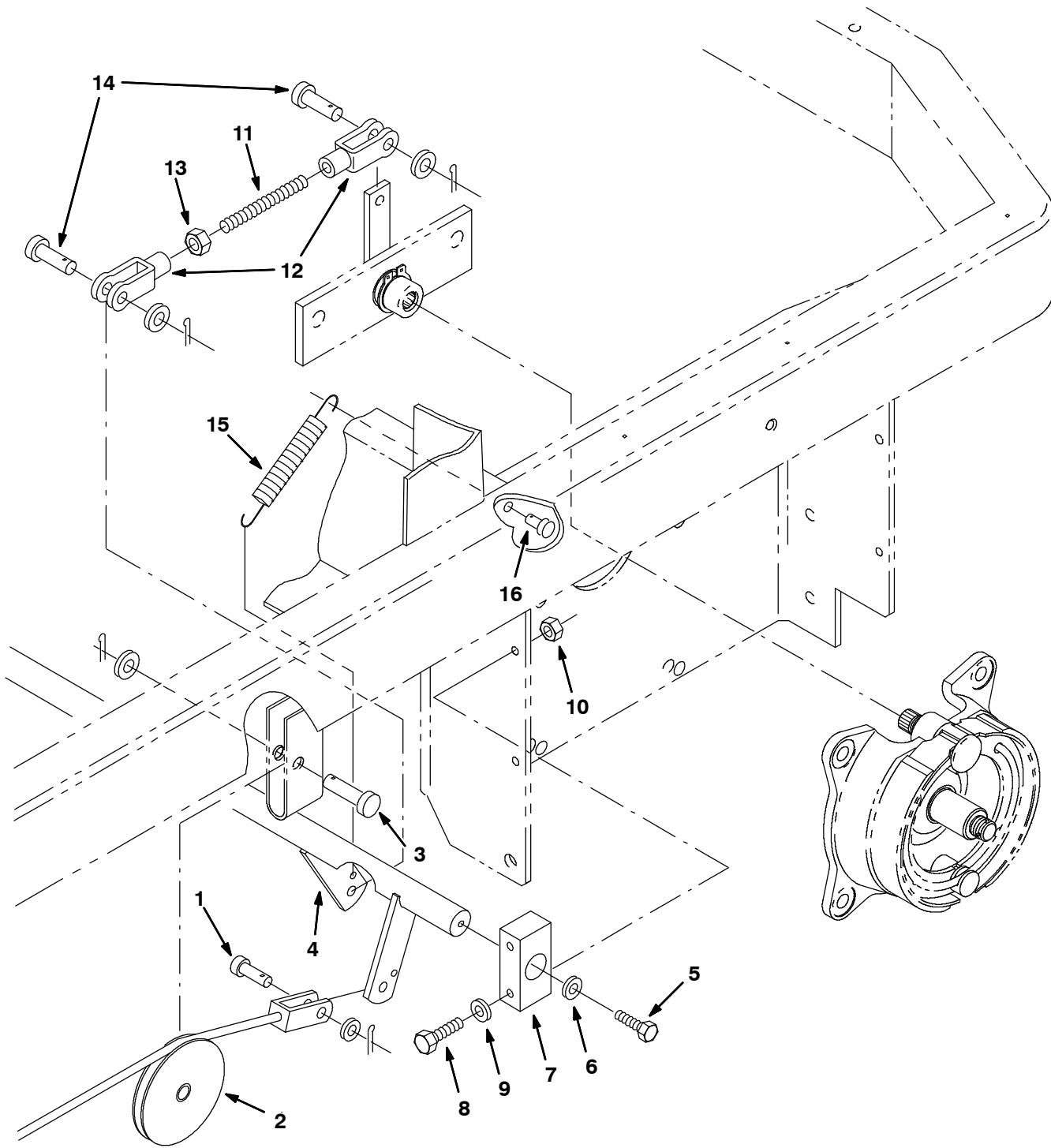


## Fig. 8 - Front Brake Linkage Group

Ref.	Tenant Part No.	Machine Serial Number	Description	Qty.
1	363210	(000000-	) Shaft Wldt, Cross, Brake,Front	1
2	06942	(000000-	) Screw M 6 X 1.0 16	2
3	41178	(000000-	) Washer-Flt .25 Fender Pltd	2
4	363215	(000000-	) Bearing, Brake	2
5	363425	(000000-	) Bar, Support, Brg	2
6	01685	(000000-	) Washer Flt .31 Ss	4
7	09294	(000000-	) Scr, Soc M 8X1.25	4
8	51109	(000000-	) Pad	1
9	14473	(000000-	) Cable Brake	1
10	14910	(000000-	) Clevis, Brake Adjust	1
11	25014	(000000-	) Nut Hx Std .38-16	2
12	09088	(000000-	) Pin,Clevis,0.37 Dia.X 1.00 Lg	2
13	74391	(000000-	) Pulley Assy, Cable, 1.5 Dia	2
14	06598	(000000-	) Pin Clevis 0.50 Dia.X 1.42 Lg	2
15	51545	(000000-	) Lever, Brake	1
16	51562	(000000-	) Sleeve, .344B .50D .81 Cr.Anc	2
17	41342	(000000-	) Scr-Hex M 8X1.25 40	2
18	07791	(000000-	) Nut Hx Flange M 8X1.25See25572	2
19	14475	(000000-	) Cable Service Brake	1
20	87222	(000000-	) Spring, Ext. .85X.085X2.75	1

## STANDARD PARTS

Fig. 9 - Rear Brake Linkage Group



**Fig. 9 - Rear Brake Linkage Group**

Ref.	Tenant Part No.	Machine Serial Number	Description	Qty.
1	09088	(000000-	) Pin,Clevis,0.37 Dia.X 1.00 Lg	1
2	363178	(000000-	) Pulley Assy, Cable, 3.5 Dia	1
3	06598	(000000-	) Pin Clevis 0.50 Dia.X 1.42 Lg	1
4	14227	(000000-	) Shaft Wldt, Cross, Brake Rear	1
5	06942	(000000-	) Screw M 6 X 1.0 16	2
6	41178	(000000-	) Washer-Flt .25 Fender Pltd	2
7	363215	(000000-	) Bearing, Brake	2
8	39278	(000000-	) Scr-Hex M 8X1.25 50	4
9	01685	(000000-	) Washer Flt .31 Ss	4
10	08709	(000000-	) Nut Hxlocnyln M 8X1.25	4
11	75290	(000000-	) Rod-Thrd, Full .38-24	2
12	14330	(000000-	) Yoke,End,Adjustable	4
13	43954	(000000-	) Nut Hx Std .38-24	2
14	86240	(000000-	) Pin Clevis .375 Dia X 1.13 Lg	4
15	87222	(000000-	) Spring, Ext. .85X.085X2.75	2
16	09370	(000000-	) Pin,Clevis,0.31 Dia.X 1.25 Lg	2

## STANDARD PARTS

Fig. 10 - Rear Wheel and Brake Group

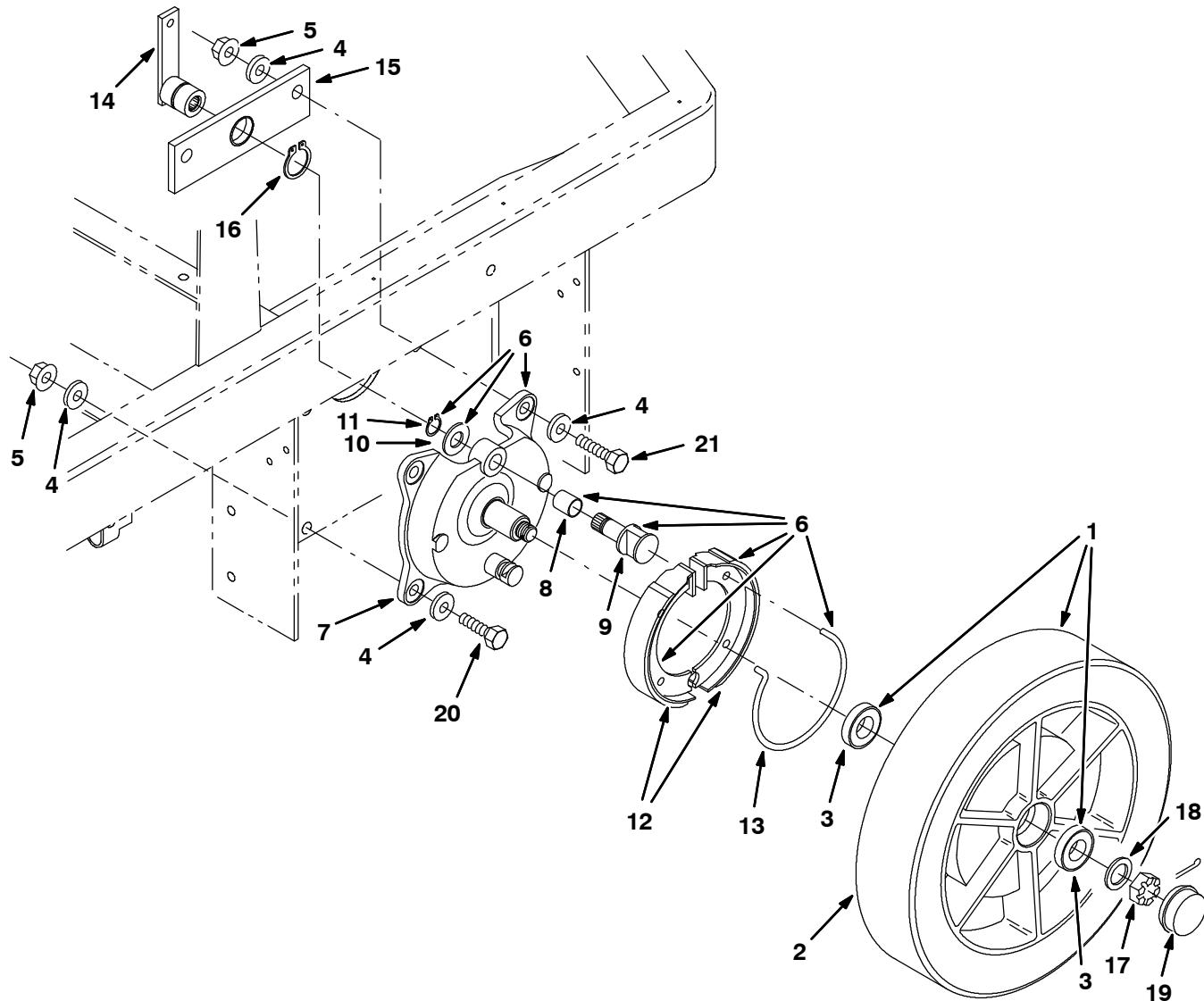
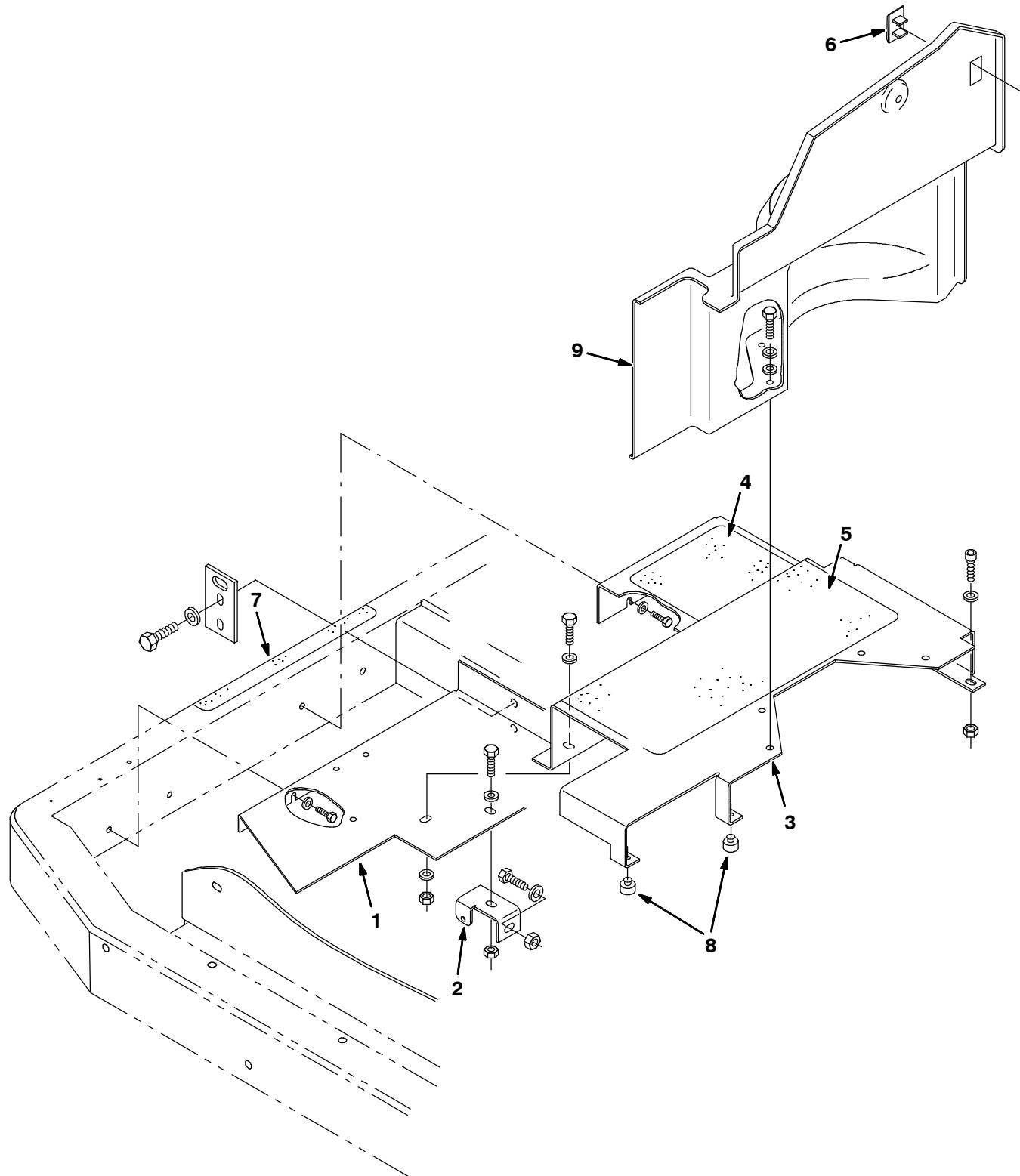


Fig. 10 - Rear Wheel and Brake Group

Tenant Ref.	Part No.	Machine Serial Number	Description	Qty.
▽ 1	363218	(000000-	) Wheel Assy, Rear	2
▲ 2	25197A	(000000-	) Tire, 16X3.5X12.12 Sf,Sol.Smth	1
▲ 3	360074	(000000-	) Bearing-Ball, 1.18B 2.44D 0.63W	2
4	32486	(000000-	) Washer Flt .50 Sae	16
5	08711	(000000-	) Nut Hxlocnyln M12X1.75	8
▽ 6	360023	(000000-	) Brake Assy	2
▲ 7	360270	(000000-	) Backing Plate	1
▲ 8	360271	(000000-	) Bushing	1
▲ 9	360272	(000000-	) Cam,Nickel Plated	1
▲ 10	360273	(000000-	) Washer	1
▲ 11	360274	(000000-	) Retainer Ring	1
▲ 12	360275	(000000-	) Shoe Assembly	2
▲ 13	360276	(000000-	) Return Spring	1
14	363283	(000000-	) Lever, Brake	2
15	363284	(000000-	) Plate Assy, Mtg, Brake Arm Brg	2
16	58359	(000000-	) Retaining Ring-External, 1.25D	2
17	86659	(000000-	) Nut-Hxslot .75-16 Pltd	2
18	49145	(000000-	) Washer, .765B 1.50D .06Ss18-8	2
19	54390	(000000-	) Cap, Hub	2
20	06969	(000000-	) Screw Hex M12X1.75 40	4
21	06971	(000000-	) Screw-Hex M12X1.75	4

## STANDARD PARTS

Fig. 11 - Floor Plate Group

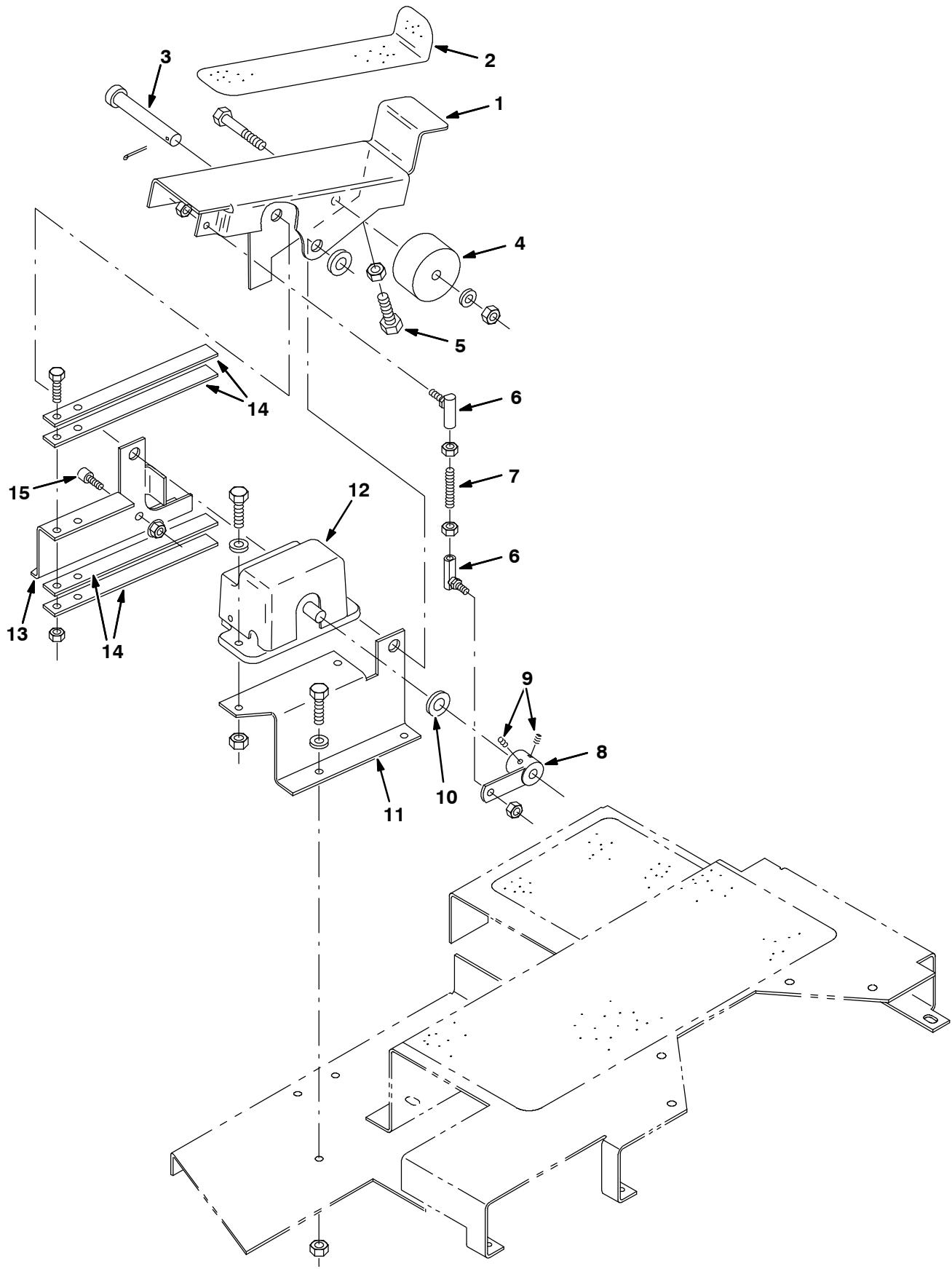


**Fig. 11 - Floor Plate Group**

<b>Ref.</b>	<b>Tenant Part No.</b>	<b>Machine Serial Number</b>	<b>Description</b>	<b>Qty.</b>
1	14282	(000000-	) Panel, Floor Rh	1
2	363423	(000000-	) Angle, Mtg, Floor Plate	1
▼	3 363935	(000000-	) Panel, Floor, Lh, w/Tread	1
▲	4 16368	(000000-	) Tread, Floor	1
▲	5 16369	(000000-	) Tread, Floor	1
6	57772	(000000-	) Plate-Cover	1
7	58819	(000000-	) Tread,Pedal, Anti-Slip	1
8	29233	(000000-	) Bumper, 3/32 Matl.	2
9	363442	(000000-	) Panel Assy, w/Label	1

## STANDARD PARTS

Fig. 12 - Directional Pedal Group



**Fig. 12 - Directional Pedal Group**

Tenant Ref.	Part No.	Machine Serial Number	Description	Qty.
▽ 1	363936	(000000-	) Pedal w/Tread	1
▲ 2	82839	(000000-	) Pad, Tread	1
3	06474A	(000000-	) Pin, Clevis	1
4	87725	(000000-	) Spacer	1
5	36801	(000000-	) Screw, Hex	1
6	12263	(000000-	) Balljoint	2
7	14397	(000000-	) Rod, Threaded	1
8	14400	(000000-	) Arm	1
9	17186	(000000-	) Screw, Set	2
10	43611	(000000-	) Washer, Nylon	1
11	14409	(000000-	) Bracket, Mounting, L.H.	1
12	14368	(000000-	) Accelerator	1
13	87718	(000000-	) Bracket, Mounting, R.H.	1
14	49681	(000000-	) Plate, Spring	4
15	39308	(000000-	) Screw, Socket	1

## STANDARD PARTS

Fig. 13 - Sweeper Frame Group

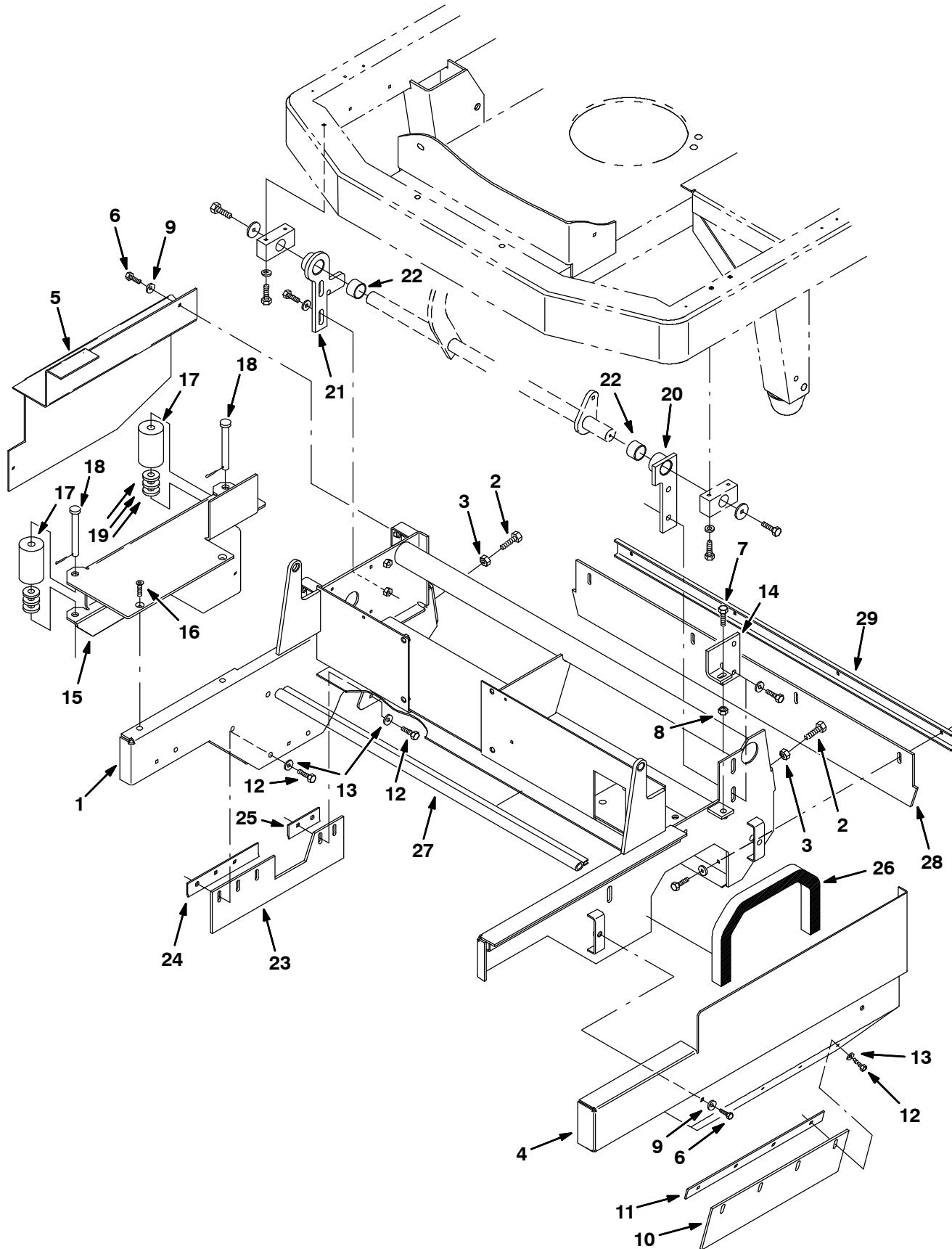


Fig. 13 - Sweeper Frame Group

Ref.	Tenant Part No.	Machine Serial Number	Description	Qty.
1	363020	(000000-	) Frame Wldt, Presweep	1
2	06419	(000000-	) Scr-Hex Ssm10X1.5 70 Full Thd	2
3	07787	(000000-	) Nut Hx Std Ss M10X1.5	2
4	363067	(000000-	) Cover, Left Side	1
5	363068	(000000-	) Cover, Side, Rh	1
6	09010	(000000-	) Scr-HexSs M8X1.25 25	4
7	33401	(000000-	) Scr-HexSs M8X1.25 50 Full Thd	2
8	07786	(000000-	) Nut Hx SS M8X1.25	2
9	01685	(000000-	) Washer Flt .31 Ss	4
10	363187	(000000-	) Skirt, Side, Left	1
11	363188	(000000-	) Strip, 4 .375 Dia Holes	1
12	08716	(000000-	) Screw Hex Ssm 6 X 1.0 20	9
13	01684	(000000-	) Washer Flt .25 Ss	9
14	363472	(000000-	) Hanger, Mtg, Sweeper Lh	1
15	363059	(000000-	) Guard, Side Brush	1
16	79246	(000000-	) Screw-Flat M 8X1.25	2
17	222178	(000000-	) Roller, Bumper	2
18	222196	(000000-	) Pin, Roller	2
19	32493	(000000-	) Washer Flt .50 Hard	6
20	375007	(000000-	) Bracket Wldt, Hanger, Left	1
21	375005	(000000-	) Bracket Wldt, Hanger, Right	1
22	35529	(000000-	) Bearing, Journal	2
23	363041	(000000-	) Skirt, Side	1
24	363495	(004135-	) Strip, 3 .374 Dia Holes	1
25	363496	(004135-	) Strip, 2 .374 Dia Holes	1
26	363459	(000000-	) Seal, Left Side	1
27	363428	(000000-	) Seal, Bulb, 35.250 Lg	1
28	363044	(000000-	) Skirt, Rear	1
29	363045	(000000-	) Channel, Mounting, Rear Skirt	1

## STANDARD PARTS

**Fig. 14 - Sweeper Drive Group**

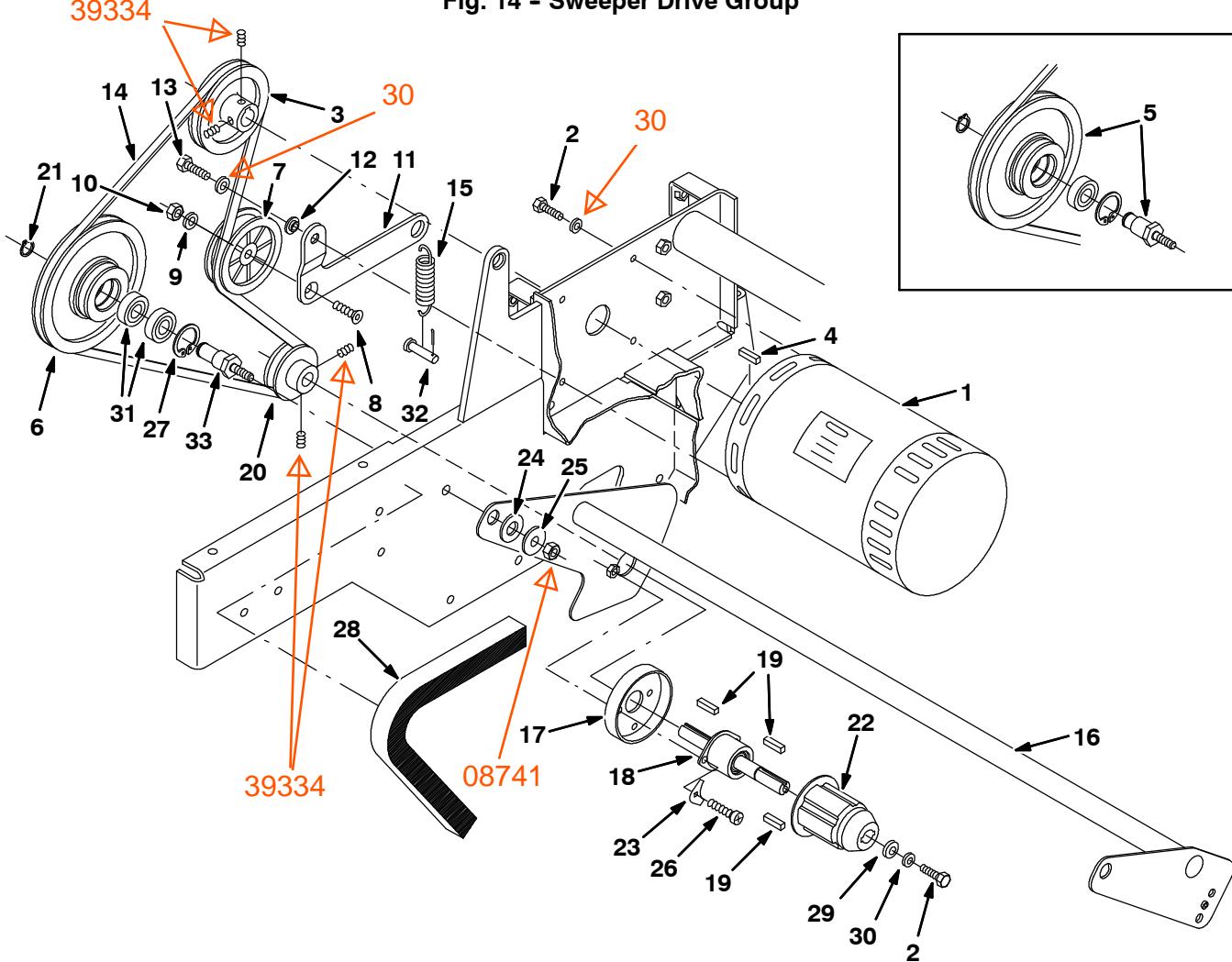


Fig. 14 - Sweeper Drive Group

Ref.	Tenant Part No.	Machine Serial Number	Description	Qty.
1	04922	(000000-	) Motor, .8 Hp. 36V	1
2	11329	(000000-	) Scr-Hexssm 6X1.0 16 Nylonloc	4
3	363048	(000000-	) Sheave, 3V 4.00 Od .75Id	1
4	00926	(000000-	) Key Square 0.25 0.25 01.00 Lg	1
5	375043	(000000-005025	) Kit, Sheave, Sweep Drive	1
6	375037	(005026-	) Sheave, 2 Groove	1
7	02356	(000000-	) Pulley,Idler,W.Brng,Plastic	1
8	45290	(000000-	) Scr Flt .38-16X2.00	1
9	01686	(000000-	) Washer Flt .38 Ss	1
10	50902	(000000-	) Nut Hxlocnyln .38-16	1
11	363040	(004135-	) Bracket, Idler	1
12	01047	(000000-	) Retainer	1
13	78939	(000000-	) Screw-Hexssm 6X1.0	1
14	363366	(000000-	) Belt, V 3V X 475	1
15	363386	(000000-	) Spring, Ext. .75X.085X2.75	1
16	363090	(000000-	) Tube Wldt, Brush Torque	1
17	32720	(000000-	) Shield, Plug	1
18	48748	(000000-	) Bearing & Shaft Assy, Brush Drive	1
19	00912	(000000-	) Key Square 0.18 0.18 01.00 Lg	3
20	363047	(000000-	) Sheave, 3V 2.46 Od	1
21	18136	(000000-	) Ring,Retain,Ex,0.62Od,Basic	1
22	12269	(000000-	) Plug, Brush Drive - Nylon	1
23	32408	(000000-	) Plate, Hold Down	2
24	64425	(000000-	) Washer, .656B 1.25D .06	2
25	363087	(000000-	) Spacer, Flanged	1
26	363503	(000000-	) Screw Panhead 6X1.00 20	2
27	01513	(000000-	) Ring,Retain,In,1.38Id,Basic	1
28	363461	(000000-	) Seal, Foam Rbr 1.0X1.0X16.0	1
29	41185	(000000-	) Washer-Belleville .25 Pltd	1
30	01684	(000000-	) Washer Flt .25 Ss	+
31	28010	(000000-	) Bearing-Ball,0.62B 1.38D 0.43W	2
32	69582	(000000-	) Pin, Clevis 0.31 D X 1.00	1
33	375038	(xxxxxx-	) Shaft, Idler Pulley	1

## STANDARD PARTS

Fig. 15 - Brush Idler Group

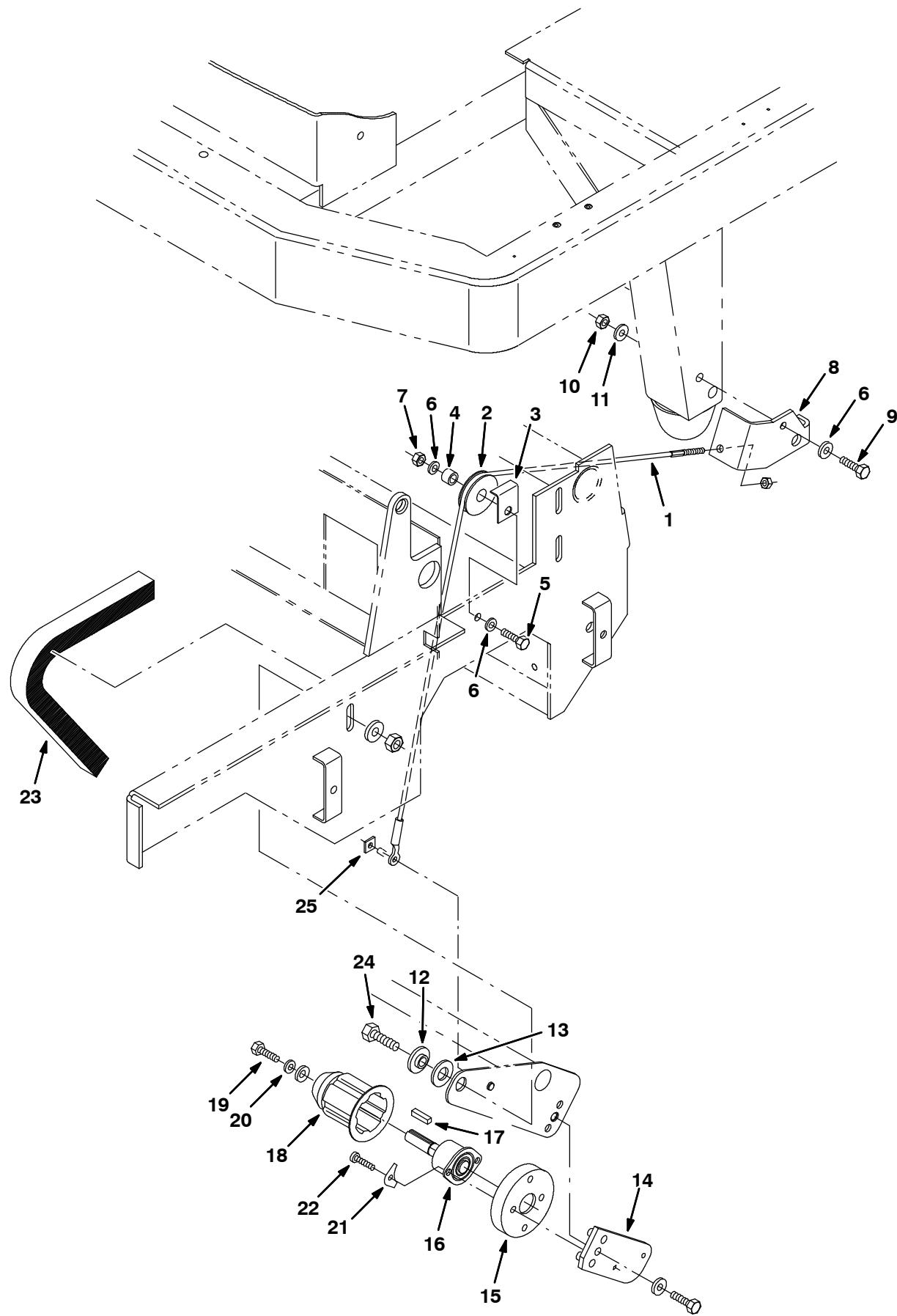


Fig. 15 - Brush Idler Group

Ref.	Tenant Part No.	Machine Serial Number	Description	Qty.
1	363062	(000000-	) Cable	1
2	74391	(000000-	) Pulley Assy, Cable, 1.5 Dia	1
3	54400	(000000-	) Angle, Cable Keeper	1
4	222460	(000000-	) Sleeve, .318B .49D .50L Ss	1
5	09010	(000000-	) Scr Hexssm 8X1.25 25	1
6	01685	(000000-	) Washer Flt .31 Ss	3
7	08713	(000000-	) Nut-Hxlocnyln M 8X1.25 Reg Ss	1
8	363377	(000000-	) Bracket, Mtg, Cable	1
9	09740	(000000-	) Scr Hexssm 8X1.25	1
10	41169	(000000-	) Nut-Hxlocnyln .25-20 Regss18-8	1
11	01684	(000000-	) Washer Flt .25 Ss	1
12	363087	(000000-	) Spacer, Flanged	1
13	64425	(000000-	) Washer, .656B 1.25D .06	2
14	363036	(000000-	) Arm, Brush Removal	1
15	48051	(000000-	) Shield, Plug	1
16	48749	(000000-	) Brg & Shaft Assy, Brush Idler	1
17	00912	(000000-	) Key Square 0.18 0.18 01.00 Lg	1
18	12269	(000000-	) Plug, Brush Drive - Nylon	1
19	11329	(000000-	) Scr-Hexssm 6X1.0 16 Nylonloc	1
20	33922	(000000-	) Washer Flat 6.4X12.5X1.6Ss M6	1
21	32408	(000000-	) Plate, Hold Down	2
22	363503	(000000-	) Screw Panhead 6 X 1.0 20	2
23	363460	(000000-	) Seal, Brush Lh	1
24	12317	(000000-	) Scr Hexssmio	1
25	58075	(000000-	) Clip-Push On .25 Dia.	1

## STANDARD PARTS

Fig. 16 - Side Brush Group

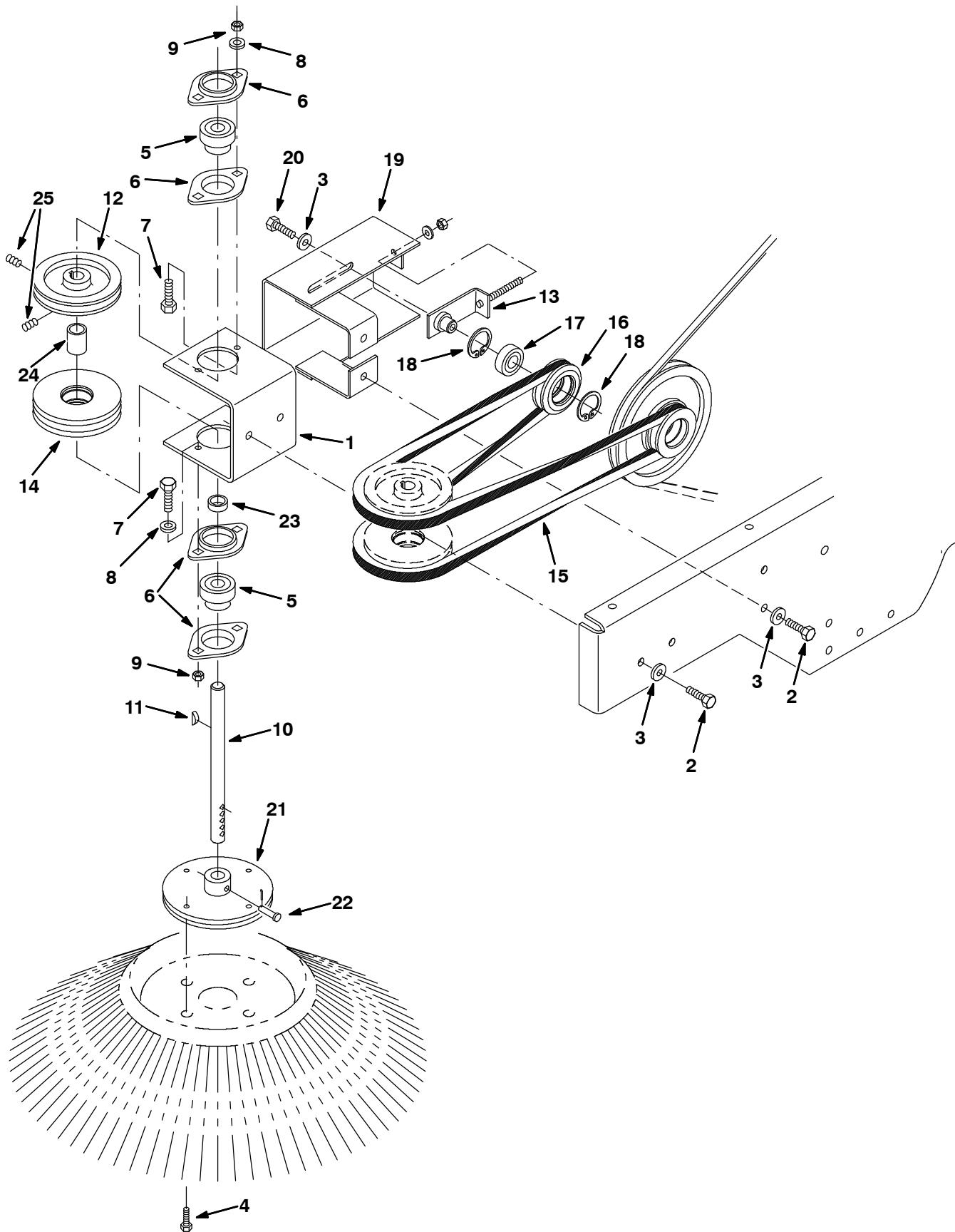
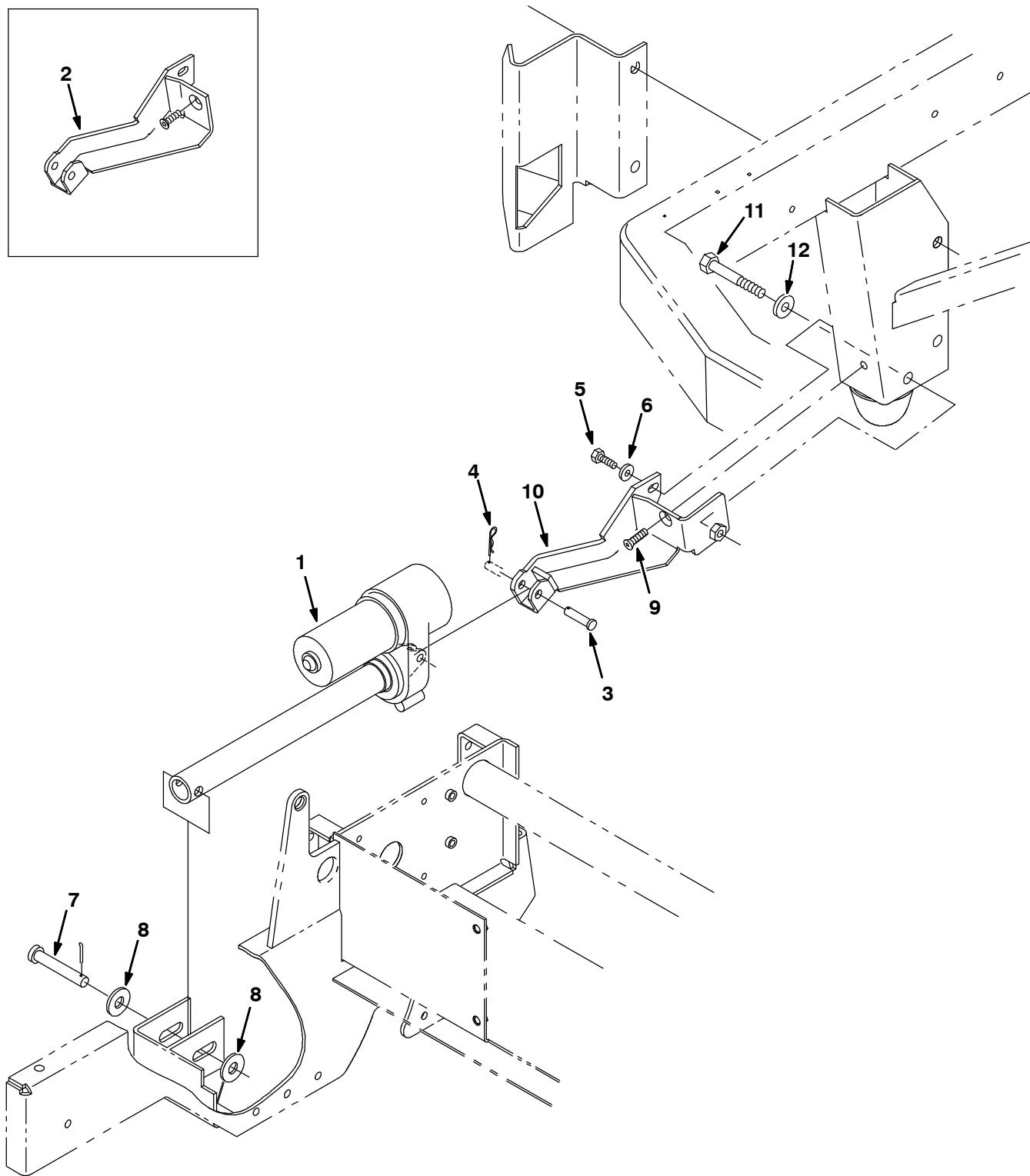
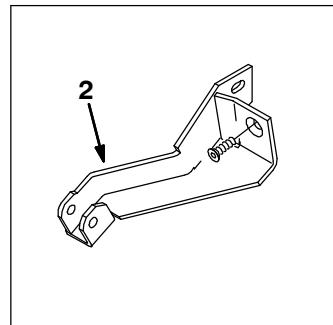


Fig. 16 - Side Brush Group

Ref.	Tenant Part No.	Machine Serial Number	Description	Qty.
1	363032	(000000-	) Bracket, Mtg, Side Brush	1
2	09010	(000000-	) Scr Hexssm 8X1.25 25	4
3	01685	(000000-	) Washer Flt .31 Ss	5
4	09007	(000000-	) Scr-Hexssm 6X1.00 25	4
5	48635	(000000-	) Bearing&Clr ,0.62B 1.57D . W	2
6	48636	(000000-	) Flange,Brg,2 Hole,	4
7	08716	(000000-	) Screw Hex Ssm 6 X 1.0 20	4
8	01684	(000000-	) Washer Flt .25 Ss	8
9	08712	(000000-	) Nut Hxlocnyln M 6X1.0 Reg Ss	4
10	363081	(000000-	) Shaft, Side Brush	1
11	00500-10	(000000-	) Key-Wdruff 0.19 0.75 Asa#0606	1
12	363046	(000000-	) Sheave, 3V 4.00 Od	1
13	16956	(000000-	) Bracket Pulley	1
14	363038	(000000-	) Sheave, Idler 3V 4.00	1
15	363367	(000000-	) Belt, V 3V X630	1
16	363057	(000000-	) Sheave, Idler 2.46 Od	1
17	28010	(000000-	) Bearing-Ball,0.62B 1.38D 0.43W	1
18	01513	(000000-	) Ring,Retain,In,1.38Id,Basic	2
19	363058	(000000-	) Bracket Wldt, Idler	1
20	12333	(000000-	) Scr-Hexssm 8X1.25 25 Nylnloc	1
21	363527	(000000-	) Plate, Mounting	1
22	04733-9	(000000-	) Pin, Clevis, 0.25 Dia X 1.50 Lg	1
23	363094	(000000-	) Sleeve, Spacer	1
24	363095	(000000-	) Sleeve, Spacer	1
25	70650	(000000-	) Screw Set M 8X1.25	2

## STANDARD PARTS

Fig. 17 – Side Brush Lift Group



**Fig. 17 - Side Brush Lift Group**

Ref.	Tenant Part No.	Machine Serial Number	Description	Qty.
1	363488	(000000-	) Replm Kit, Actuator, Sweeplift	1
2	370180	(000000-005071	) Kit, Bracket, Mtg Actuator	1
3	29558	(000000-	) Pin,Clevis,0.37 Dia.X 1.50 Lg	1
4	86866	(000000-	) Pin, Hair Cotter .375D .072Wir	1
5	09740	(000000-	) Scr Hexssm 8X 1.25	1
6	01685	(000000-	) Washer Flt .31 Ss	1
7	23683	(000000-	) Pin,Clevis,0.50 Dia.X 3.00 Lg	1
8	32486	(000000-	) Washer Flt .50 Sae	2
9	74077	(000000-	) Scr-Flt M8X1.25 25	1
10	370179	(005072-	) Bracket, Mtg. Actuator	1
11	03193	(005072-	) Scr, Hex M10 X 1.5	1
12	01686	(005072-	) Washer, Flt .38 Ss	1

## STANDARD PARTS

**Fig. 18 - Hopper Lift Arms Group**

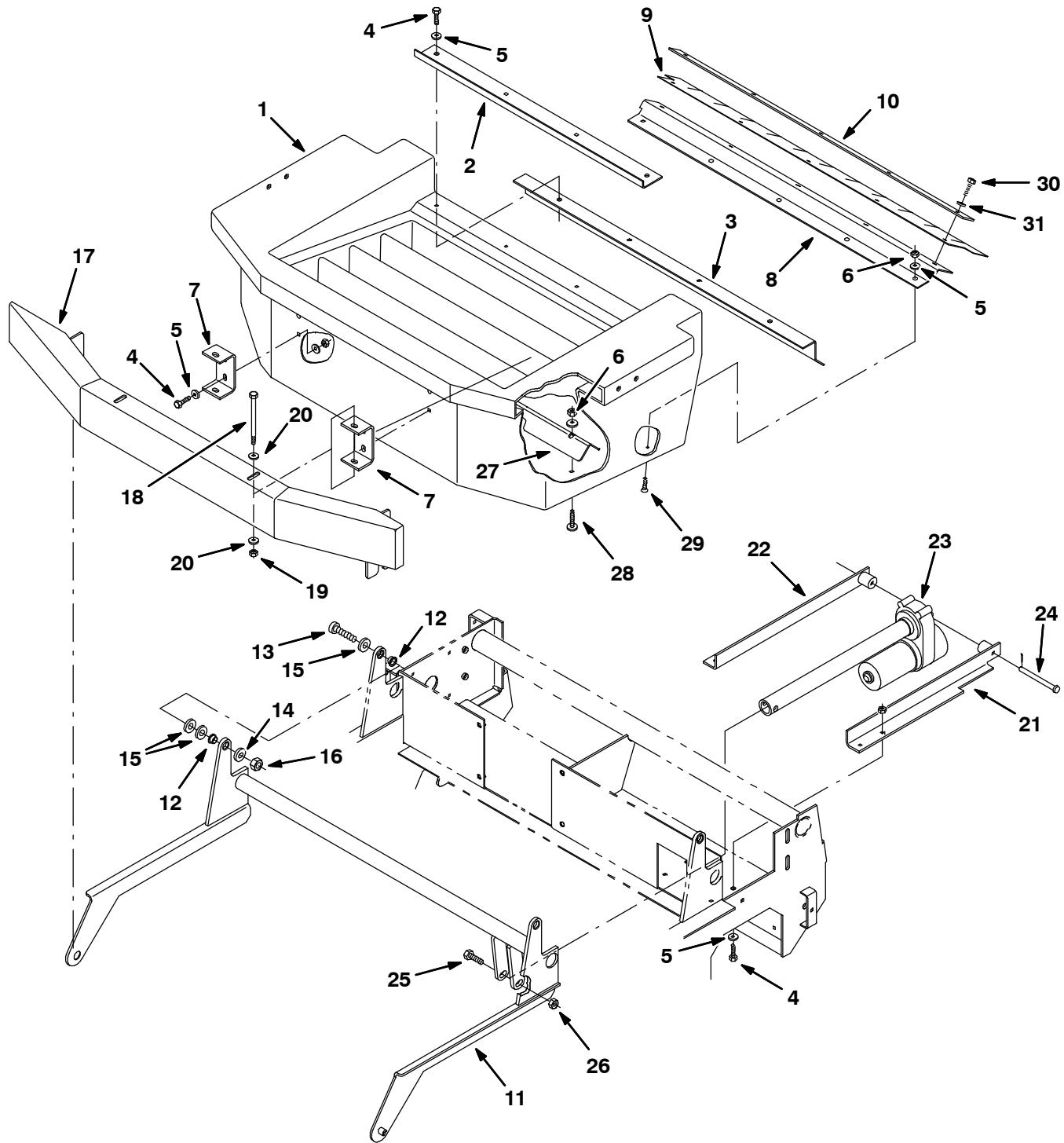


Fig. 18 - Hopper Lift Arms Group

Ref.	Tenant Part No.	Machine Serial Number	Description	Qty.
1	363064	(000000-	) Hopper	1
2	363383	(000000-	) Bracket, Mtg, Filter	1
3	363384	(000000-	) Bracket, Reinf, Hopper	1
4	09010	(000000-	) Scr Hexssm 8X1.25 25	12
5	01685	(000000-	) Washer Flt .31 Ss	21
6	08713	(000000-	) Nut-Hxlocnyln M 8X1.25 Reg Ss	9
7	363080	(000000-	) Bracket, Mtg, Bumper, Front	2
8	363071	(000000-	) Bracket, Hopper	1
9	363065	(000000-	) Skirt, Hopper Lip	1
10	363066	(000000-	) Bracket, Retainer, Hopper Lip	1
11	363052	(000000-	) Arm Wldt, Hopper Lift	1
12	15648	(000000-	) Bearing, Flange 0.500 Bore	4
13	58357	(000000-	) Scr-Shld .500Dx1.00L .38-16	2
14	01686	(000000-	) Washer, Flat .38 Sae	2
15	32486	(000000-	) Washer, Flat .50 Sae	6
16	50902	(000000-	) Nut-Hylocnyln .38-16	6
17	363069	(000000-	) Bumper Wldt, Front	6
18	39785	(000000-	) Screw-Hex .31-18X4.50	2
19	41437	(000000-	) Nut-Hxlocnyln .31-18 Regss18-8	2
20	39349	(000000-	) Washer Flt .31 Sae	4
21	363381	(000000-	) Bracket Wldt, Mtg,Actuator,Lh	1
22	363382	(000000-	) Bracket Wldt, Mtg,Actuator,Rh	1
23	363155	(000000-	) Actuator, 36V, 11.0 Strk 600Lb	1
24	49914	(000000-	) Pin,Clevis,0.37 Dia.X 4.00 Lg	1
25	04417	(000000-	) Scr, Hex Ss M10X1.50 60	6
26	08714	(000000-	) Nut-Hxlocnyln M1X1.50 Reg Ss	1
27	363431	(000000-	) Angle, Hopper Support	1
28	37817	(000000-	) Scr, Flt	4
29	79506	(000000-	) Scr, Flt M8X1.25 30	5
30	09007	(000000-	) Scr, Hex Ss M6X1.00 25	5
31	01684	(000000-	) Washer, Flat .25 Ss	5

## STANDARD PARTS

Fig. 19 - Vacuum System Group

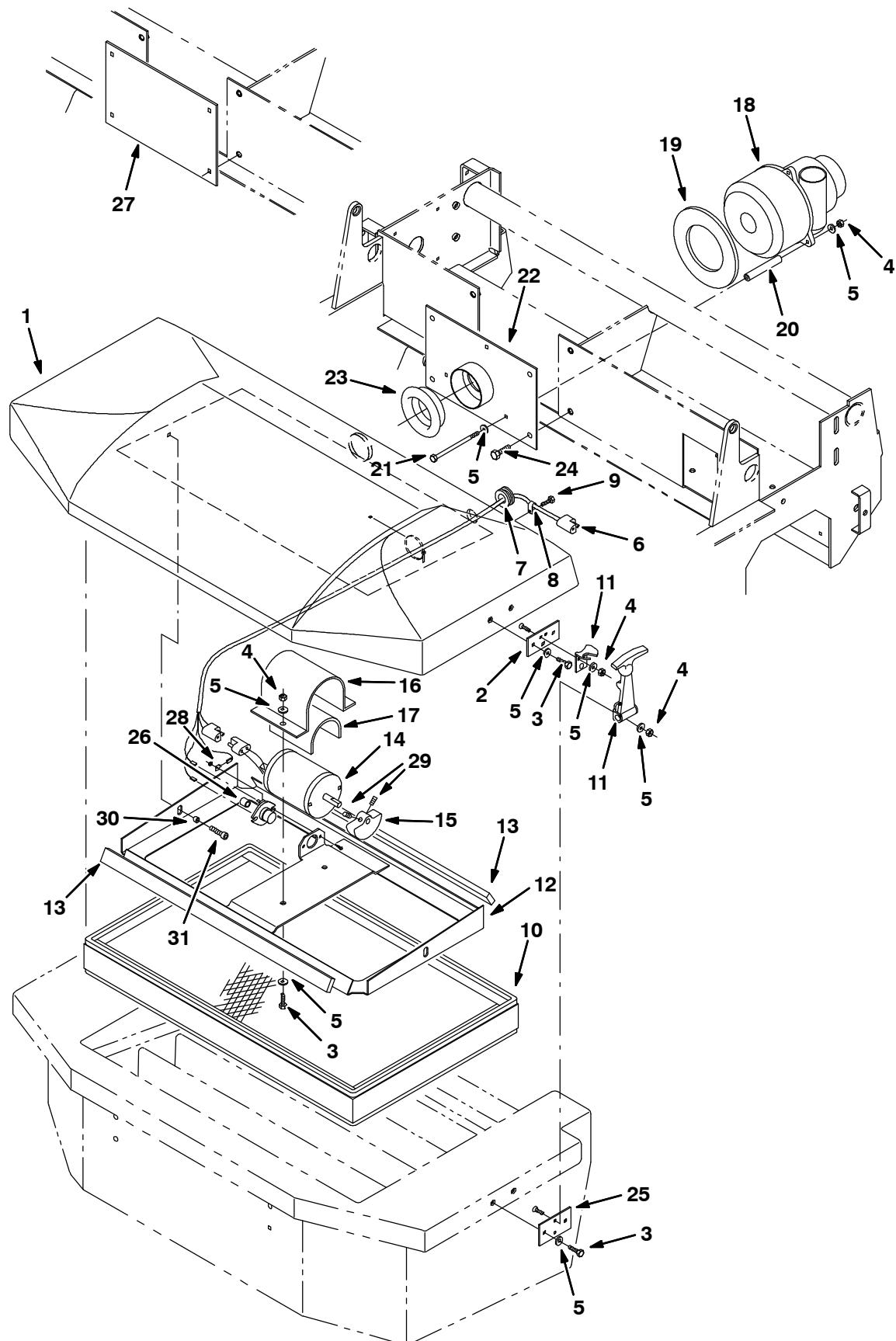
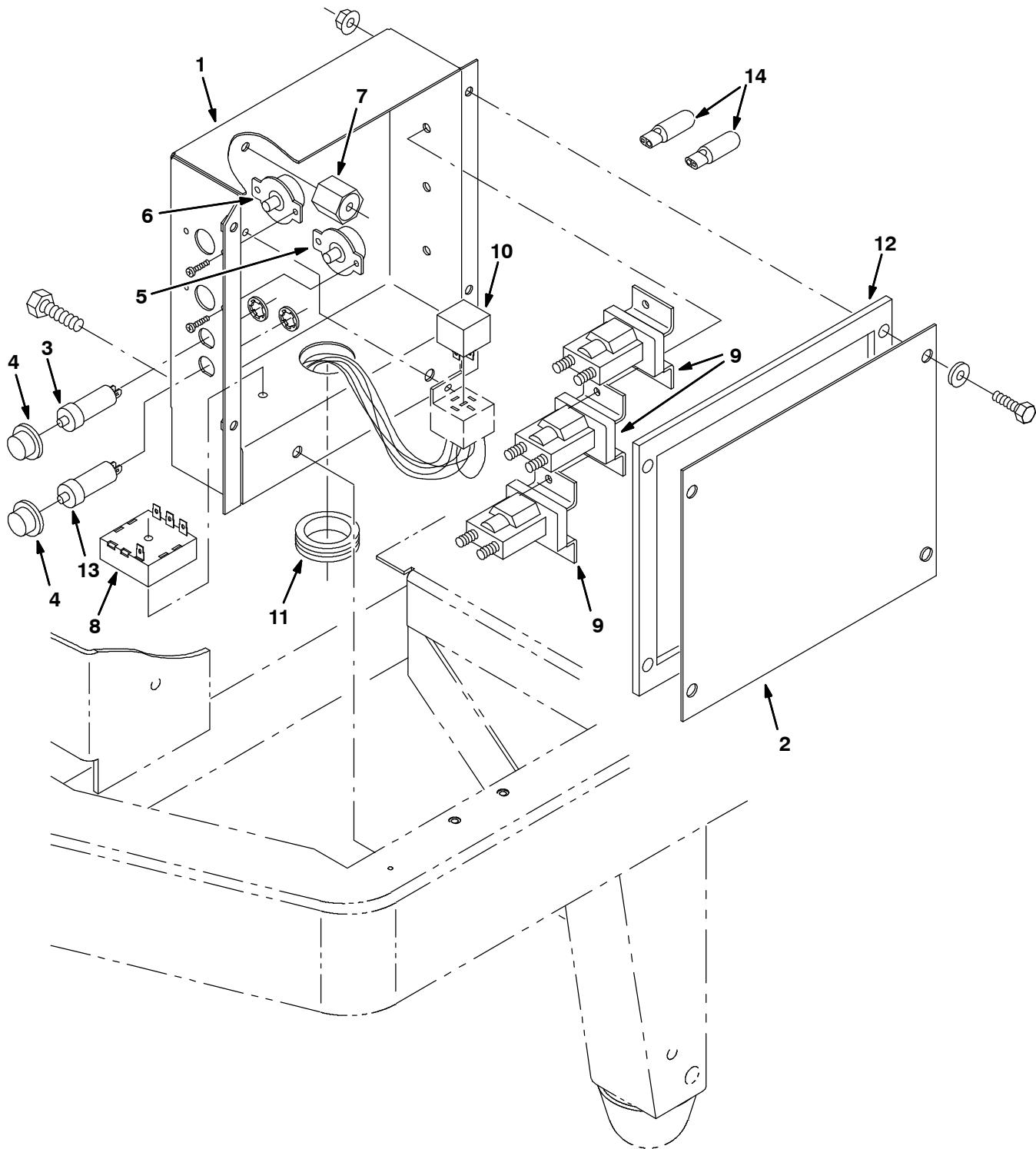


Fig. 19 - Vacuum System Group

Ref.	Tenant Part No.	Machine Serial Number	Description	Qty.
1	363072	(000000-	) Cover, Hopper	1
1	363400	(000000-	) Cover, Hopper,Less Dust Contrl	1
2	363193	(000000-	) Plate, Latch Keeper	2
3	09007	(000000-	) Scr Hexssm 6X1.0 25	10
4	08712	(000000-	) Nut Hxlocnyln M 6X1.0 Reg Ss	13
5	01684	(000000-	) Washer Flt .25 Ss	26
6	363227	(000000-004286	) Harness, Hopper, Presweep	1
6	363229	(004287-	) Harness, Hopper, Presweep	1
7	10632-18	(000000-	) Grommet,Rbr,0.69Id,For .25Matl	1
8	26395-1	(000000-	) Clamp-Cable, 0.38Dia 0.38Wth	1
9	74455	(000000-	) Scr-Hx Fmgm 6X1.0 12	1
10	363463	(000000-	) Filter Pkg, Panel, 119 Pleat	1
11	363195	(000000-	) Latch, Draw, Flexible	2
12	363497	(000000-	) Plate Wldt, Shaker	1
13	363426	(000000-	) Seal, Foam Rbr .5X1.0X20.0	2
14	44939	(000000-	) Motor, Shaker 36V	1
15	55130	(000000-	) Weight, Eccentric	1
16	36666	(000000-	) Strap, Motor, Shaker	1
17	36658	(000000-	) Bar-Flt .06T 4.00W 5.00L,Rbr	1
18	17363	(000000-	) Fan, Vac (See Breakdowns)	1
19	223264	(000000-	) Seal, Vac - Fan	1
20	18811	(000000-	) Tube, Steel .26X.50X3.16L	3
21	09773	(000000-	) Scr Hexssm 6X1.0 100	3
22	363374	(000000-	) Plate Wldt, Mtg, Fan	1
23	363427	(000000-	) Seal, Bulb, 9.375 Lg	1
24	12333	(000000-	) Scr-Hexssm 8X1.25 25 Nylnloc	4
25	363194	(000000-	) Plate, Latch	2
26	02715	(000000-	) Thermostat, Manual Reset 155D	1
27	363411	(000000-	) Plate, Brushwrap (Filter System Removal)	1
28	68106	(000000-	) Terminal, Qkdisc. .25M Tab .19 D	1
29	20634	(000000-	) Scr-Set, 10-24X0.25, Nylon Lock	2
30	39471	(000000-	) Sleeve, .25B .38D .27	2
31	06532	(000000-	) Scr, Soc 6X1.0X25	2

## STANDARD PARTS

Fig. 20 - Sweeper Control Box



**Fig. 20 - Sweeper Control Box**

Ref.	Tenant Part No.	Machine Serial Number	Description	Qty.
1	363074	(000000-	) Panel, Mtg, Elec	1
2	363093	(000000-	) Plate, Cover, Elec	1
3	57164	(000000-	) Breaker-Circuit 10 Resetable	1
4	57751	(000000-	) Boot,Circuit Breaker	2
5	222296	(000000-	) Breaker, Circuit 20 Amp	1
6	222298	(000000-	) Breaker-Circuit, 30 Amp	1
7	76062	(000000-	) Insulator, Panel & Switchboard	1
8	363222	(000000-	) Timer, Es, 15Sec, 36V	1
9	375091	(000000-	) Contactor Spst	3
10	222111	(000000-	) Relay, Control 36V	1
11	10632-13	(000000-	) Grommet,Rbr, 1.50ID, for .19 Matl	1
12	363518	(000000-	) Gasket, Electric Panel Cover	1
13	87977	(000000-	) Breaker-Circuit 7 Resetable	1
14	222290	(000000-	) Diode, Elect Plug	2

## STANDARD PARTS

Fig. 21 - Scrub Head Drive Group for MaxPro™ 1000 Two-Brush System

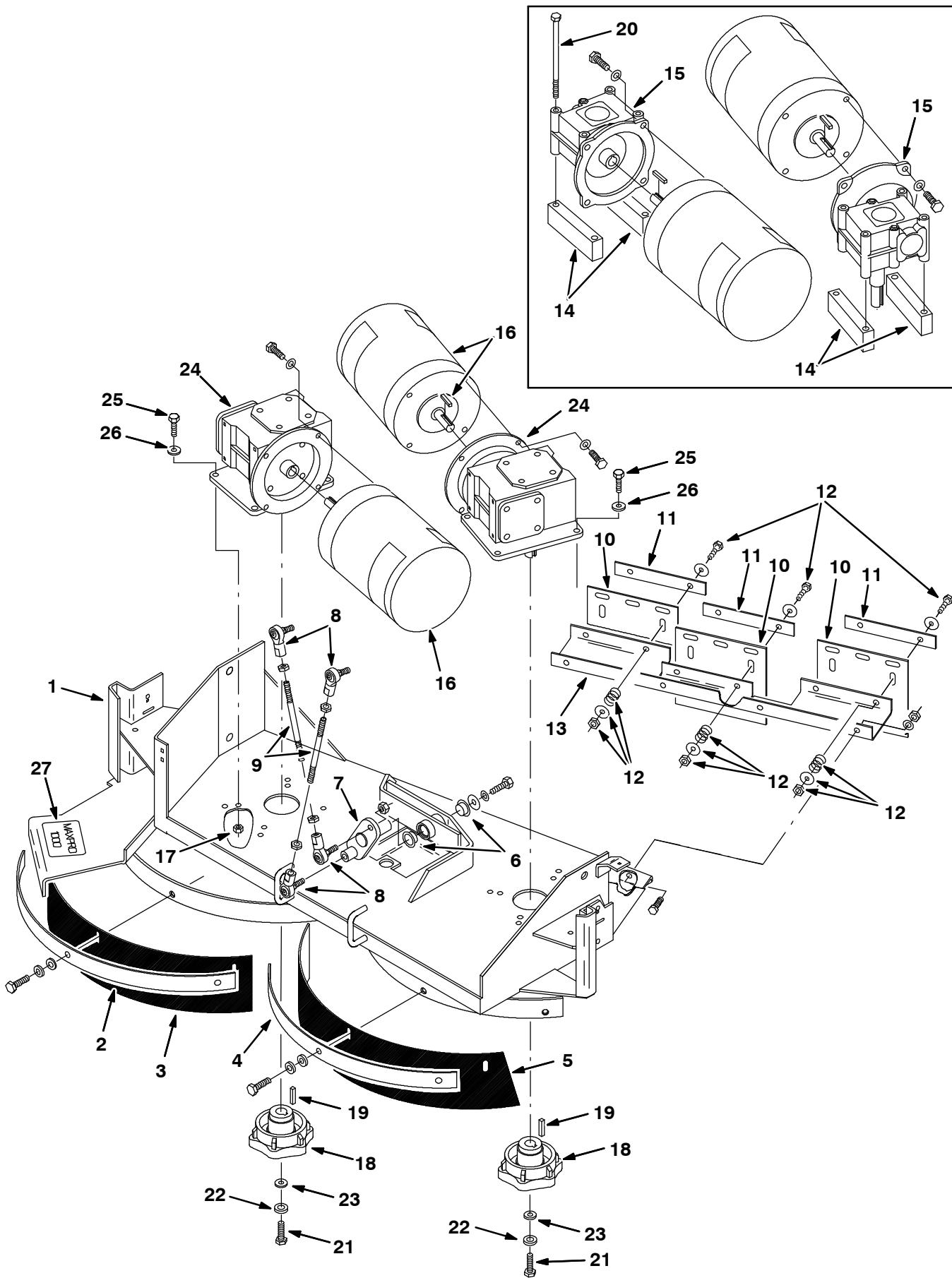
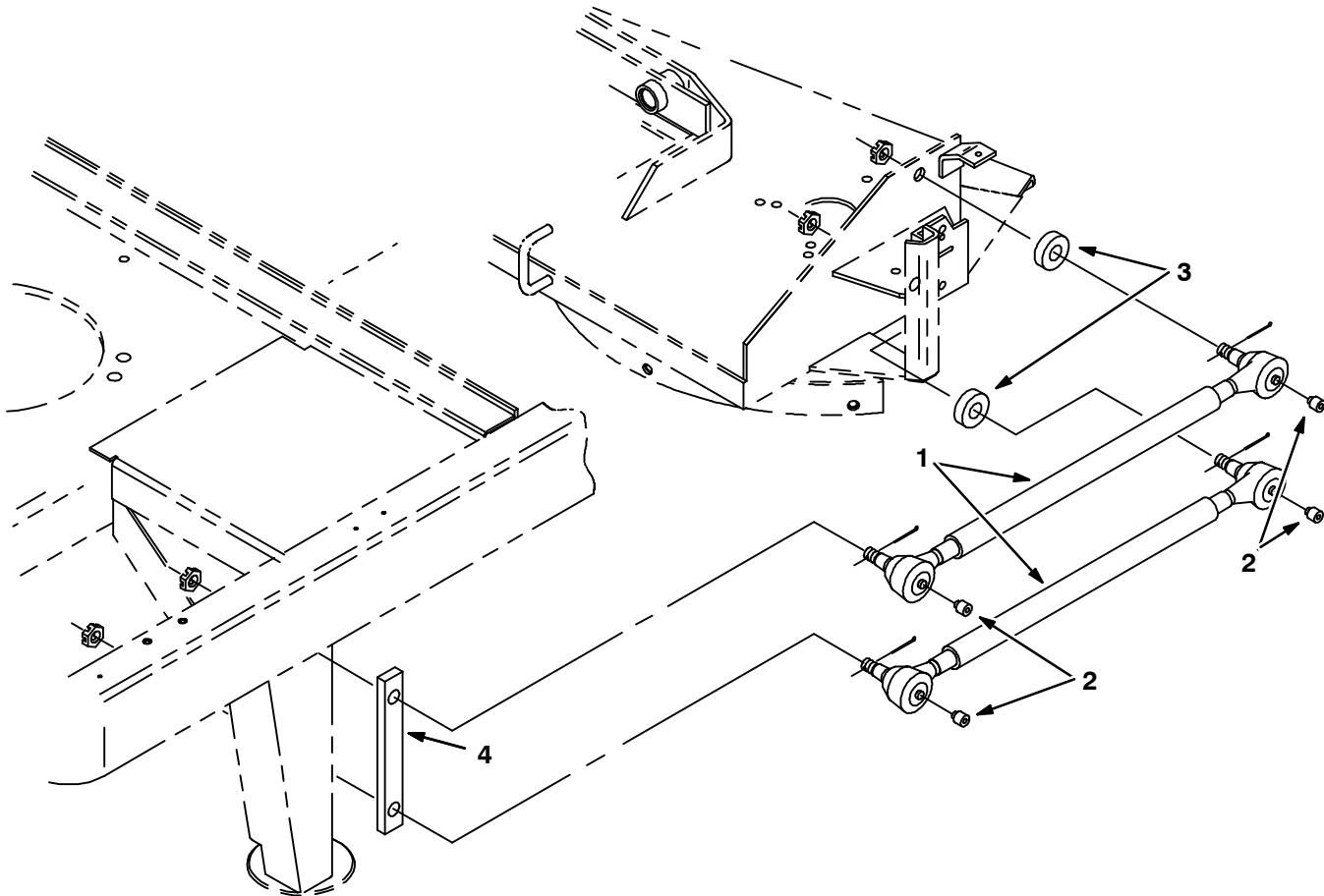


Fig. 21 - Scrub Head Drive Group for MaxPro™ 1000 Two-Brush System

Ref.	Tenant Part No.	Machine Serial Number	Description	Qty.
1	14626	(000000-	) Frame, Scrubber Head	1
2	14674	(000000-	) Strip, Skirt Retainer, R.H.	1
3	14672	(000000-	) Skirt, Front Brush, R.H.	1
4	14673	(000000-	) Strip, Skirt Retainer, L.H.	1
5	14671	(000000-	) Skirt, Front Brush, L.H.	1
6	24329	(000000-	) Head Bushing Kit	1
7	14666	(000000-	) Pivot, Equalizer	1
8	05686	(000000-	) End, Rod	4
9	14567	(000000-	) Rod, Threaded	2
10	15952	(000000-	) Skirt, Rear Brush	3
11	15951	(000000-	) Strip, Rear Skirt Retainer	3
12	24310	(000000-	) Skirt Spring Retaining Kit	6
13	15953	(000000-	) Bracket, Rear Skirt	1
14	16942	(000000- xxxxxx	) Spacer, Gearbox	4
15	16223	(000000- xxxxxx	) Gearbox (Repl. by 375066) (See Breakdowns)	2
16	16224	(000000-	) Motor, Electric (See Breakdowns)	2
17	08713	(000000-	) Nut, Hex	8
18	222506	(000000-	) Hub, Brush Drive	2
19	00927	(000000-	) Key, Square	2
20	16946	(000000- xxxxxx	) Screw, Hex	8
21	09740	(000000-	) Screw, Hexssm 8x1.25	2
22	41186	(000000-	) Washer Flt .38Ss	2
23	01686	(000000-	) Washer-Belleville .31 Pltd	2
24	375100	( xxxxxx-	) Gearbox, W/Mount (See Breakdowns)	2
25	09011	( xxxxxx-	) Screw, Hex, M8 Ss	8
26	01685	( xxxxxx-	) Washer, Flt .31 Ss	8
27	365156	(000000-	) Label Set, Info & Hazard, Max Pro™ 1000	1

## STANDARD PARTS

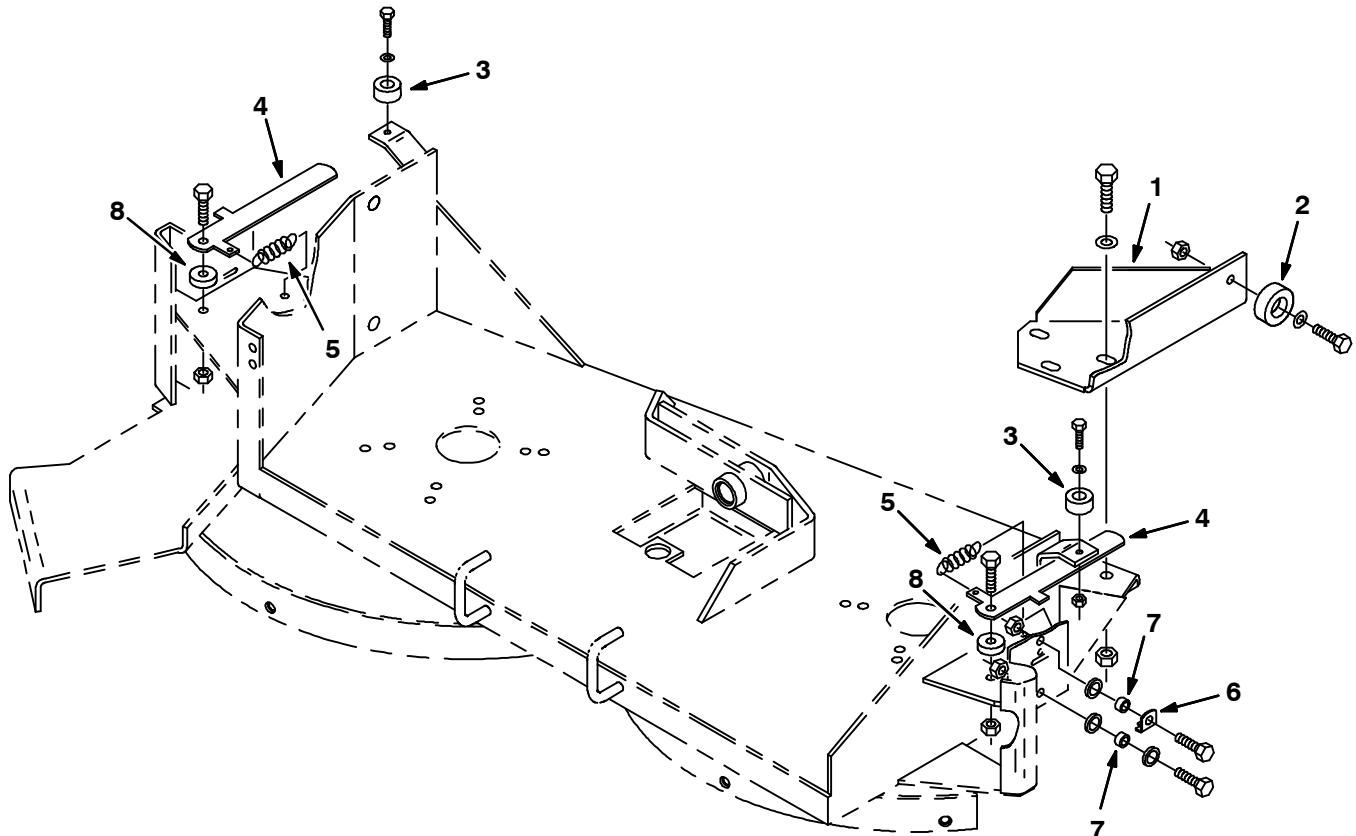
Fig. 22 - Scrub Head Mount Group for MaxPro™ 1000 Two-Brush System



05425-05425

Ref.	Tenant Part No.	Machine Serial Number	Description	Qty.
▽ 1	14523	(000000-	) Link, Scrubber Head Lift	4
▲ 2	07259	(000000-	) Fitting, Grease	8
3	14524	(000000-	) Spacer, Washer	4
4	24254	(000000-	) Bar, Spacer	2

Fig. 23 - Scrub Head Stop and Squeegee Mount Group for MaxPro™ 1000 Two-Brush System

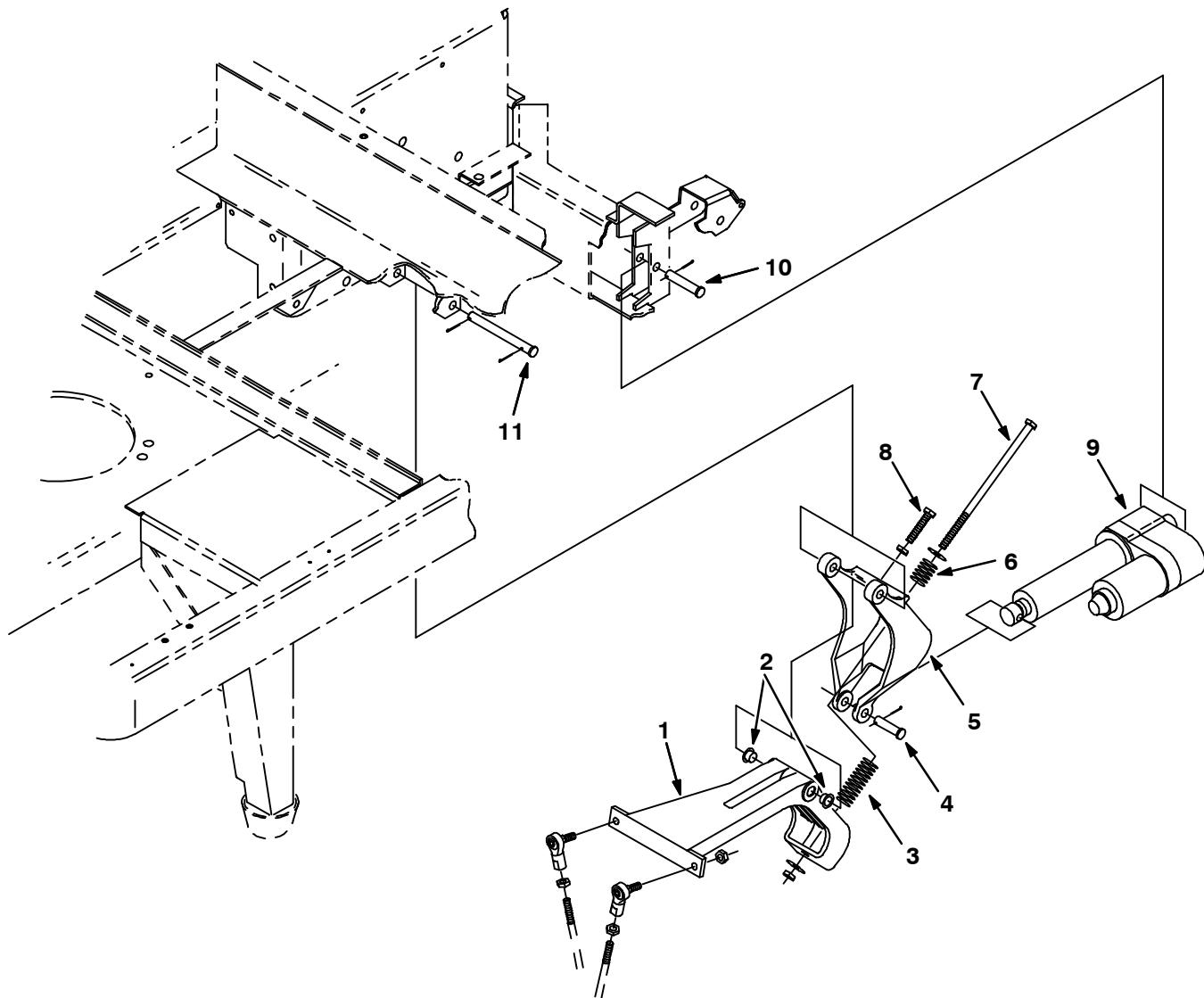


05222-05222

Ref.	Tenant Part No.	Machine Serial Number	Description	Qty.
1	15018	(000000-	) Bracket, Stop	1
2	15023	(000000-	) Bumper	1
3	82921	(000000-	) Bumper, Rubber	2
4	15569	(000000-	) Lever, Stop	2
5	09087	(000000-	) Spring, Tension	2
6	15900	(000000-	) Guide, Squeegee	2
7	363479	(000000-	) Spacer, .50 ODX .34IDX .312L Ss	4
8	15649	(000000-	) Tube	2

## STANDARD PARTS

Fig. 24 - Scrub Head Lift Group for MaxPro™ 1000 Two-Brush System



**Fig. 24 - Scrub Head Lift Group for MaxPro™ 1000 Two-Brush System**

Ref.	Tenant Part No.	Machine Serial Number	Description	Qty.
1	15864	(000000-	) Bracket, Head Lift	1
2	15648	(000000-	) Bearing, Flange 0.500 Bore	2
3	363544	(000000-	) Spring, Die, Red, 4.0Lg	1
4	63147	(000000-	) Pin,Clevis,0.50 Dia.X 1.87 Lg	1
5	15742	(000000-	) Bracket, Head Lift	1
6	15650	(000000-	) Spring Comp Die X 1.5Lg	1
7	17194	(000000-	) Scr-Hx M10X1.5 180 8.8 Pltd	1
8	06416	(000000-	) Scr-Hex M12X1.75 50 Full Thd	1
9	363150	(000000-	) Actuator, Scrubhead Lift 515	1
10	06279	(000000-	) Pin,Clevis,0.50 Dia.X 2.50 Lg	1
11	14933	(000000-	) Pin, Clevis .50 Dia X 5.75 Lg	1

## STANDARD PARTS

Fig. 25 - Edge Scrub Group for MaxPro™ 1000 Two-Brush System

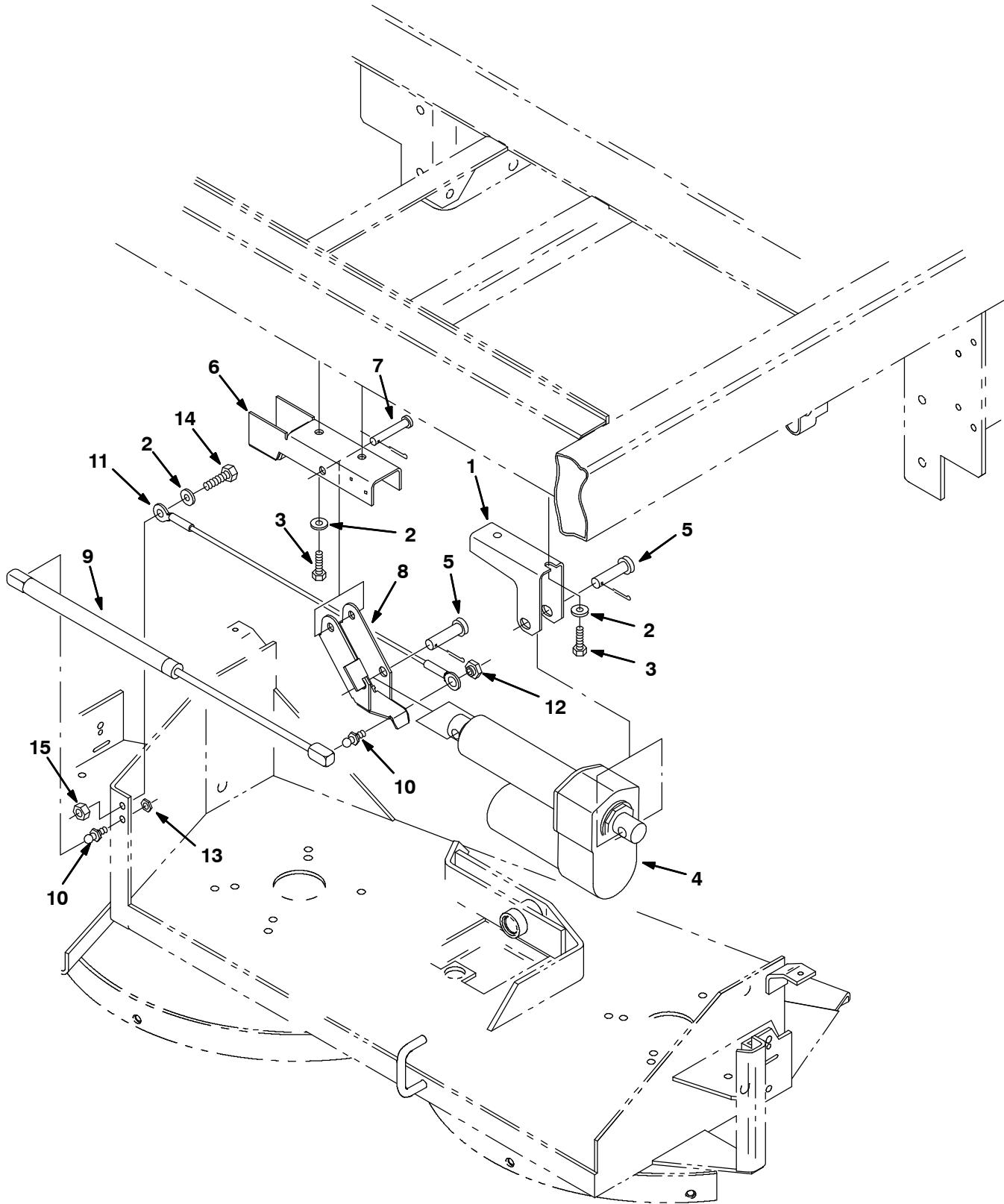


Fig. 25 - Edge Scrub Group for MaxPro™ 1000 Two-Brush System

Ref.	Tenant Part No.	Machine Serial Number	Description	Qty.
1	363289	(000000-	) Bracket, Mtg, Actuator	1
2	01685	(000000-	) Washer Flt .31 Ss	5
3	15675	(000000-	) Scr Hexssm 8X1.25	4
4	363152	(000000-	) Actuator, Edge Scrub, 515	1
5	63147	(000000-	) Pin,Clevis,0.50 Dia.X 1.87 Lg	2
6	363290	(000000-	) Bracket Wldt, Pivot	1
7	51813	(000000-	) Pin,Clevis,0.37 Dia.X 2.12 Lg	1
8	363293	(000000-	) Bracket Wldt, Gas Spring	1
9	14464	(000000-	) Spring, Gas 30Lb 8.04 Stroke	1
10	58494	(000000-	) Stud, Ball, Gas Spring	2
11	363515	(000000-	) Cable, Retaining, Side Scrub 18.20	1
12	14725	(000000-	) Nut, Retainer .31-18	1
13	01760	(000000-	) Nut-Hxlocnyln .31-18 Thin Pltd	1
14	09740	(000000-	) Scr Hexssm 8X1.25	1
15	08713	(000000-	) Nut-Hxlocnyln M 8X1.25 Reg Ss	1

## STANDARD PARTS

Fig. 26 - Solution Valve Group for MaxPro™ 1000 Two-Brush System

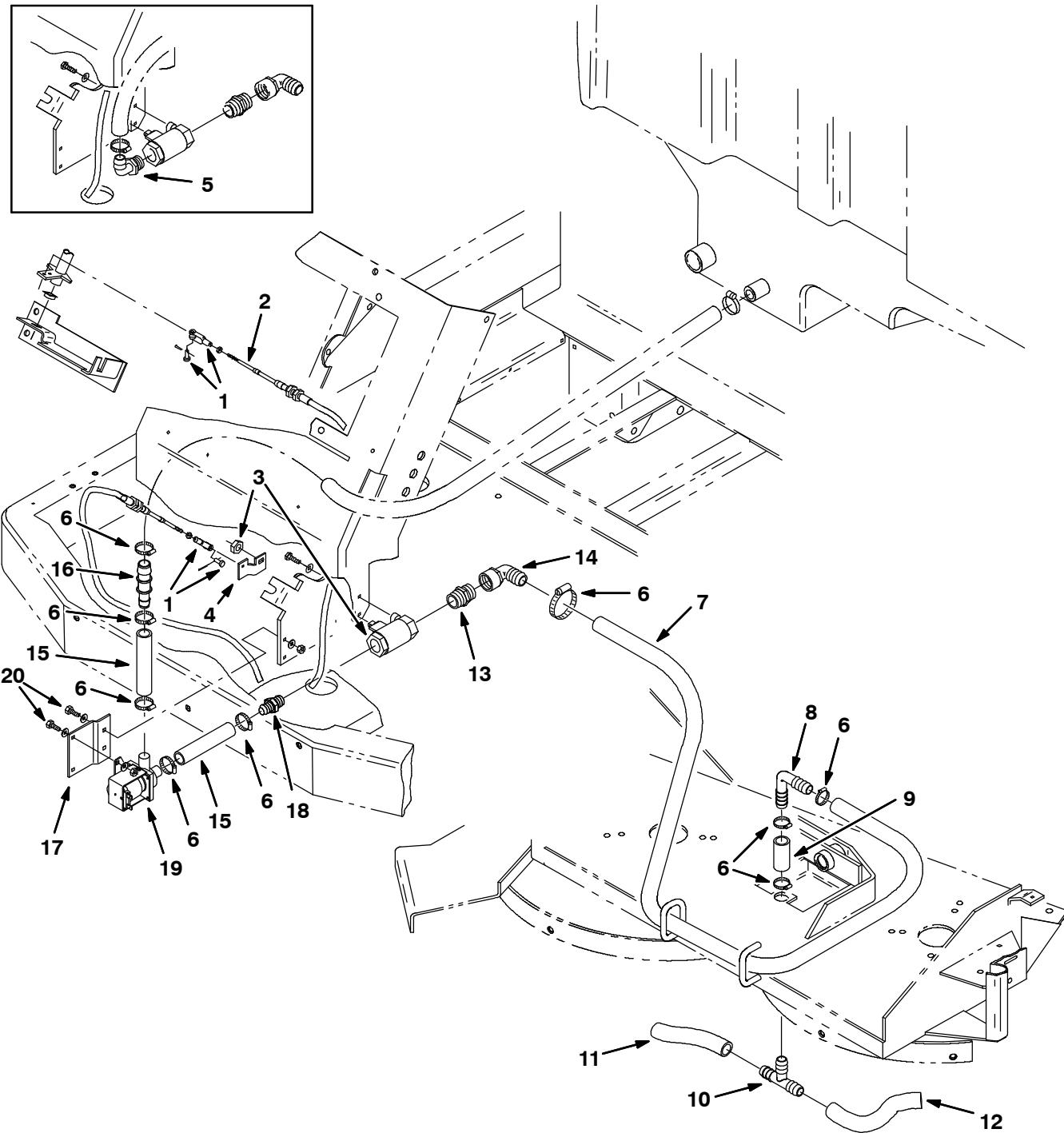
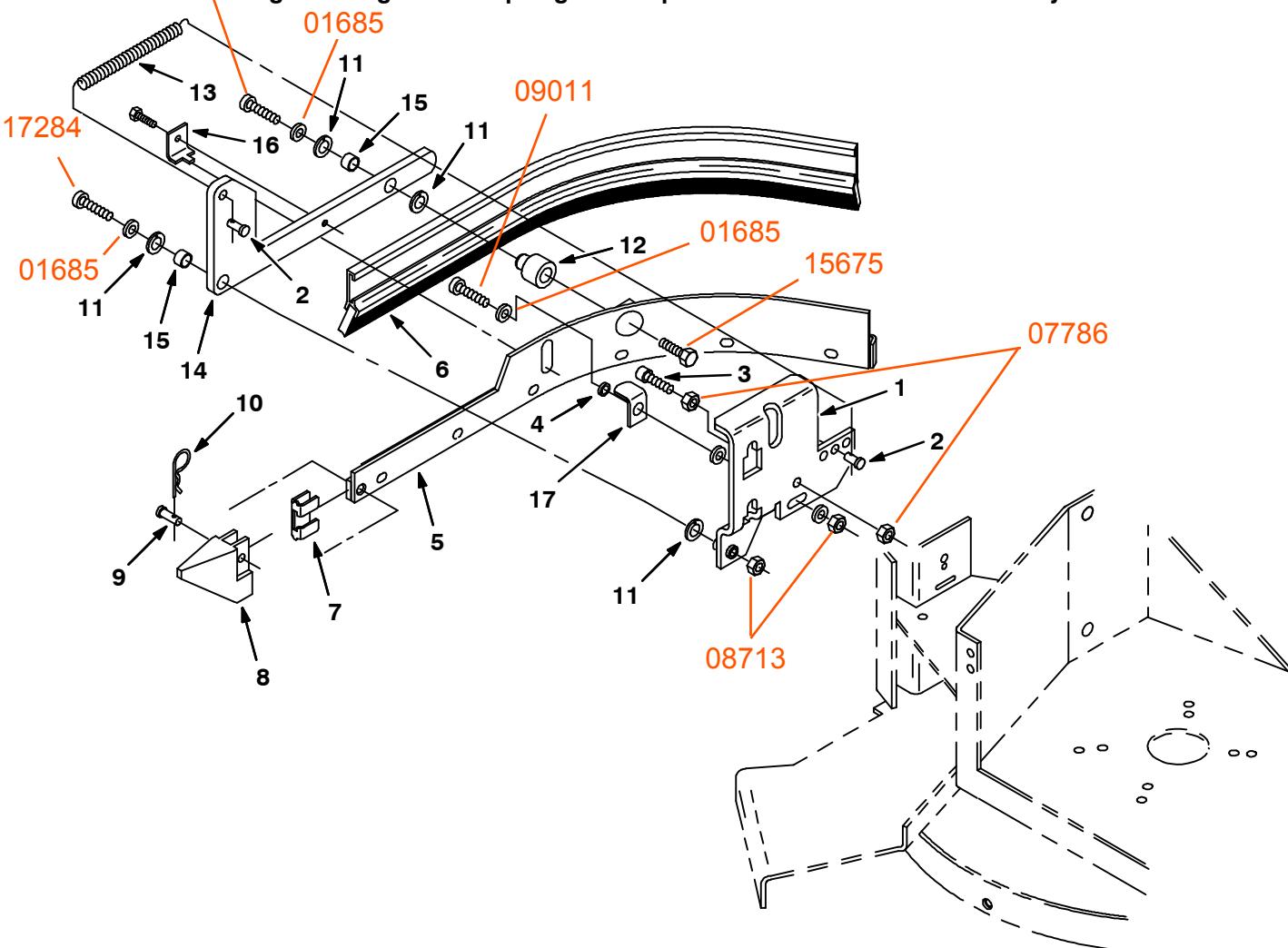


Fig. 26 - Solution Valve Group for MaxPro™ 1000 Two-Brush System

Ref.	Tenant Part No.	Machine Serial Number	Description	Qty.
1	27880	(000000-	) Yoke Assembly	2
2	14811	(000000-	) Cable, Control	1
3	12060	(000000-	) Valve, Water	1
4	15057	(000000-	) Lever, Valve	1
5	14877	(000000-004385	) Fitting, Barbed Elbow	1
6	86824	(000000-	) Clamp, Worm Drive	9
7	16913	(000000-	) Hose, Vinyl	1
8	40566	(000000-	) Fitting, Barbed Elbow	1
9	16914	(000000-	) Hose, Vinyl	1
10	41315	(000000-	) Fitting, Barbed Tee	1
11	48595	(000000-	) Hose, Vinyl	1
12	48596	(000000-	) Hose, Vinyl	1
13	24544	(000000-	) Fitting, Straight	1
14	24543	(000000-	) Fitting, Barbed Elbow	1
15	363522	(004386-	) Hose-Heater .62Id 4.5L	1
16	363543	(004386-	) Fitting, Reducer, 5/8-3/4	2
17	363489	(004386-	) Bracket, Mtg, Elect Valve	1
18	71628	(004386-	) Ftg, Plstc, Str, Barb .75Pt-.62Hse	1
19	84028	(004386-	) Valve, Water, Sol .62 Hose 36V	1
20	15678	(004386-	) Scr Hex Ss M6x1.0	4

## STANDARD PARTS

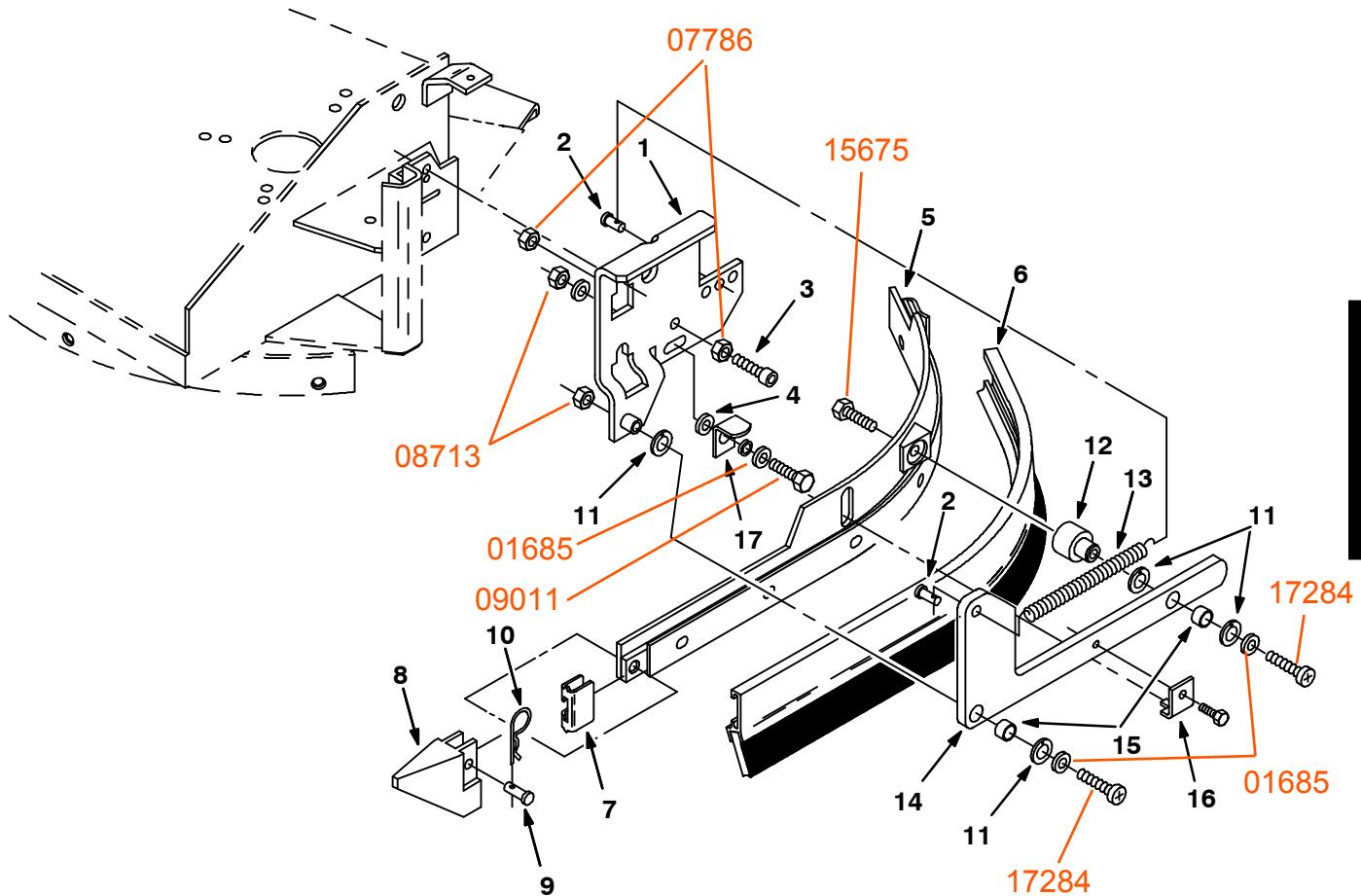
17284 Fig. 27 - Right Side Squeegee Group for MaxPro™ 1000 Two-Brush System



05421-04521

Ref.	Tenant Part No.	Machine Serial Number	Description	Qty.
▽	32707	(000000-	) Right Side Squeegee Group Assembly	1
▲ 1	15645	(000000-	) Bracket, R.H.	1
▲ 2	41305	(000000-	) Pin, Clevis	2
▲ 3	41445	(000000-	) Screw, Socket	1
▲ 4	41308	(000000-	) Spacer	1
▲ 5	14676	(000000-	) Frame, Side Squeegee, R.H.	1
▲ 6	86859	(000000-	) Squeegee Assembly, Side	1
▲ 7	86759	(000000-	) Retainer, Squeegee	1
▲ 8	14648	(000000-	) Guide, Side Squeegee	1
▲ 9	69582	(000000-	) Pin, Clevis	1
▲ 10	44906	(000000-	) Pin, Hair Cotter	1
▲ 11	86860	(000000-	) Bearing, Thrust	4
▲ 12	15681	(000000-	) Bar, Mounting	1
▲ 13	15047	(000000-	) Spring, Extension	1
▲ 14	14675	(000000-	) Bar, Squeegee Lift	1
▲ 15	64173	(000000-	) Bearing	2
▲ 16	15966	(000000-	) Angle, Stop	1
▲ 17	41307	(000000-	) Angle	1

**Fig. 28 - Left Side Squeegee Group for MaxPro™ 1000 Two-Brush System**



05418-05418

Tenant Ref.	Part No.	Machine Serial Number	Description	Qty.
▼	32710	(000000- )	Left Side Squeegee Group Assembly	1
▲	1	15647 (000000- )	Bracket, L.H.	1
▲	2	41305 (000000- )	Pin, Clevis	2
▲	3	41445 (000000- )	Screw, Socket	1
▲	4	41308 (000000- )	Spacer	1
▲	5	14677 (000000- )	Frame, Side Squeegee, L.H.	1
▲	6	86859 (000000- )	Squeegee Assembly, Side	1
▲	7	86759 (000000- )	Retainer, Squeegee	1
▲	8	14648 (000000- )	Guide, Side Squeegee	1
▲	9	69582 (000000- )	Pin, Clevis	1
▲	10	44906 (000000- )	Pin, Hair Cotter	1
▲	11	86860 (000000- )	Bearing, Thrust	4
▲	12	15681 (000000- )	Bar, Mounting	1
▲	13	15047 (000000- )	Spring, Extension	1
▲	14	14675 (000000- )	Bar, Squeegee Lift	1
▲	15	64173 (000000- )	Bearing	2
▲	16	15966 (000000- )	Angle, Stop	1
▲	17	41307 (000000- )	Angle	1

## STANDARD PARTS

Fig. 29 - Scrubhead Drive Group for MaxPro™ 1200 Three-Brush System

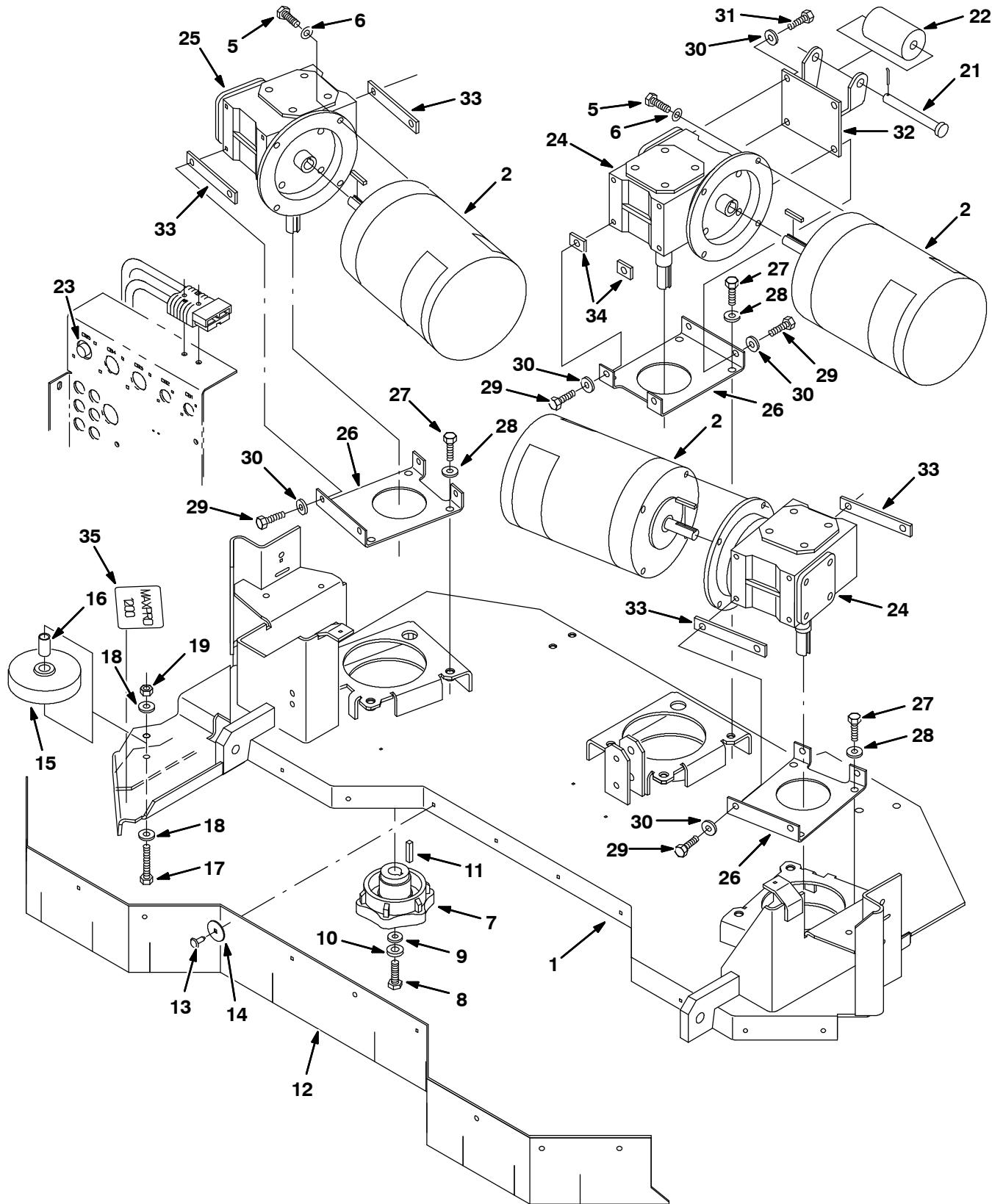
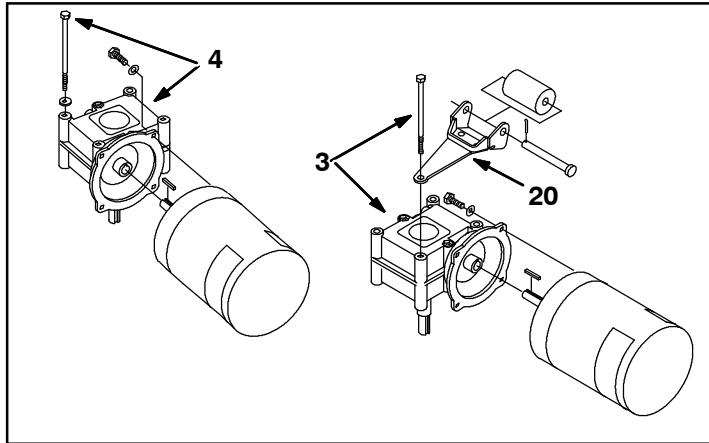


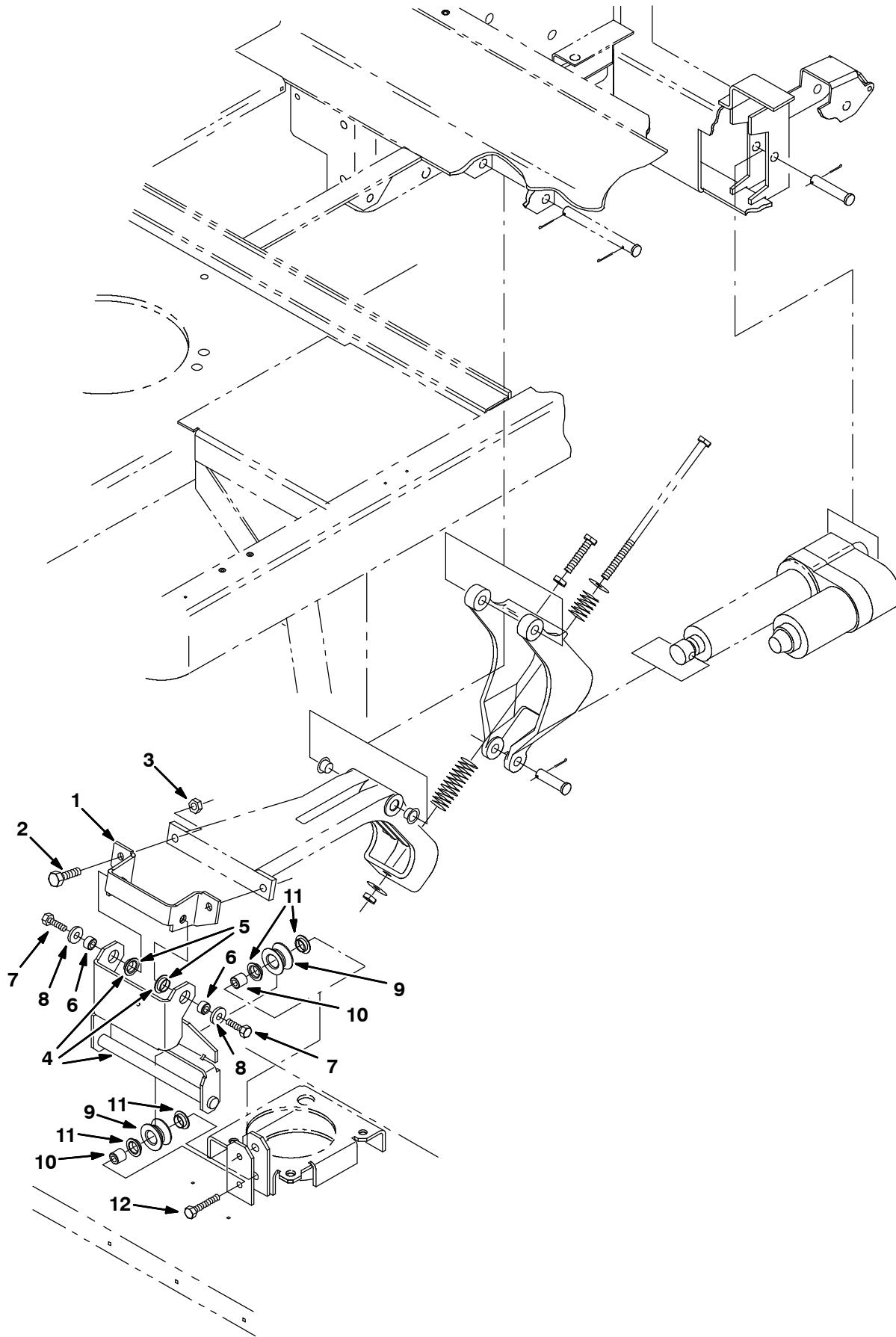
Fig. 29 - Scrubhead Drive Group for MaxPro™ 1200 Three-Brush System



Ref.	Tenant Part No.	Machine Serial Number	Description	Qty.
1	363100	(000000-	) Frame Wldt, Mounting, Scrub Hd	1
2	16224	(000000-	) Motor, Ele (See Breakdowns)	3
3	363164	(000000- xxxxxx	) Gearbox, (Repl. by 375075) (See Breakdowns)	2
4	16223	(000000- xxxxxx	) Gearbox, (Repl. by 375074) (See Breakdowns)	1
5	21196	(000000-	) Scr Hex .38-16X0.88	12
6	32485	(000000-	) Washer Flt .38 Sae	12
7	222506	(000000-	) Hub, Brush Drive	3
8	09740	(000000-	) Scr Hexsm 8X1.25	3
9	01686	(000000-	) Washer Flt .38 Ss	3
10	41186	(000000-	) Washer-Belleville .31 Pltd	3
11	00927	(000000-	) Key Square 0.25 0.25 01.25 Lg	3
12	363163	(000000-	) Skirt, Scrub Head Front	1
13	72971	(000000-	) Rivet, Plastic .325Dx.787	12
14	41178	(000000-	) Washer-Flt .25 Fender Pltd	12
15	363162	(000000-	) Wheel, Guide, Scrubhead	1
16	363301	(000000-	) Sleeve, .344B X .625D X 1.19Lg	1
17	49694	(000000-	) Scr Hex Ssm 8X1.25 50	1
18	01685	(000000-	) Washer Flt .31 Ss	2
19	08713	(000000-	) Nut-Hxlocnyln M 8X1.25 Reg Ss	1
20	363432	(000000- xxxxxx	) Bracket, Stop, Scrubhead	1
21	222196	(000000-	) Pin, Roller	1
22	222178	(000000-	) Roller, Bumper	1
23	375118	(000000-	) Breaker-Circuit, 40 Resetable	1
24	375111	( xxxxxxx-	) Gearbox, W/O Mount (See Breakdowns)	2
25	375110	( xxxxxxx-	) Gearbox, W/O Mount (See Breakdowns)	1
26	375040	( xxxxxxx-	) Bracket, Mount	3
27	69225	( xxxxxxx-	) Screw, Hex .38 Ss x 1.0	9
28	01686	( xxxxxxx-	) Washer, Flat .38 Ss	9
29	02992	( xxxxxxx-	) Screw, Hex .31 Ss x 1.0	12
30	01685	( xxxxxxx-	) Washer, Flat .31 Ss	14
31	02991	( xxxxxxx-	) Screw, Hex .31 Ss x .75	2
32	375070	( xxxxxxx-	) Stop Wldt, Scrubhead	1
33	375065	( xxxxxxx-	) Plate, Spacer	4
34	375086	( xxxxxxx-	) Spacer, Square	2
35	365156	(000000-	) Label Set, Info & Hazard, Max Pro™ 1200	1

## STANDARD PARTS

Fig. 30 - Scrub Head Lift Group for MaxPro™ 1200 Three-Brush System

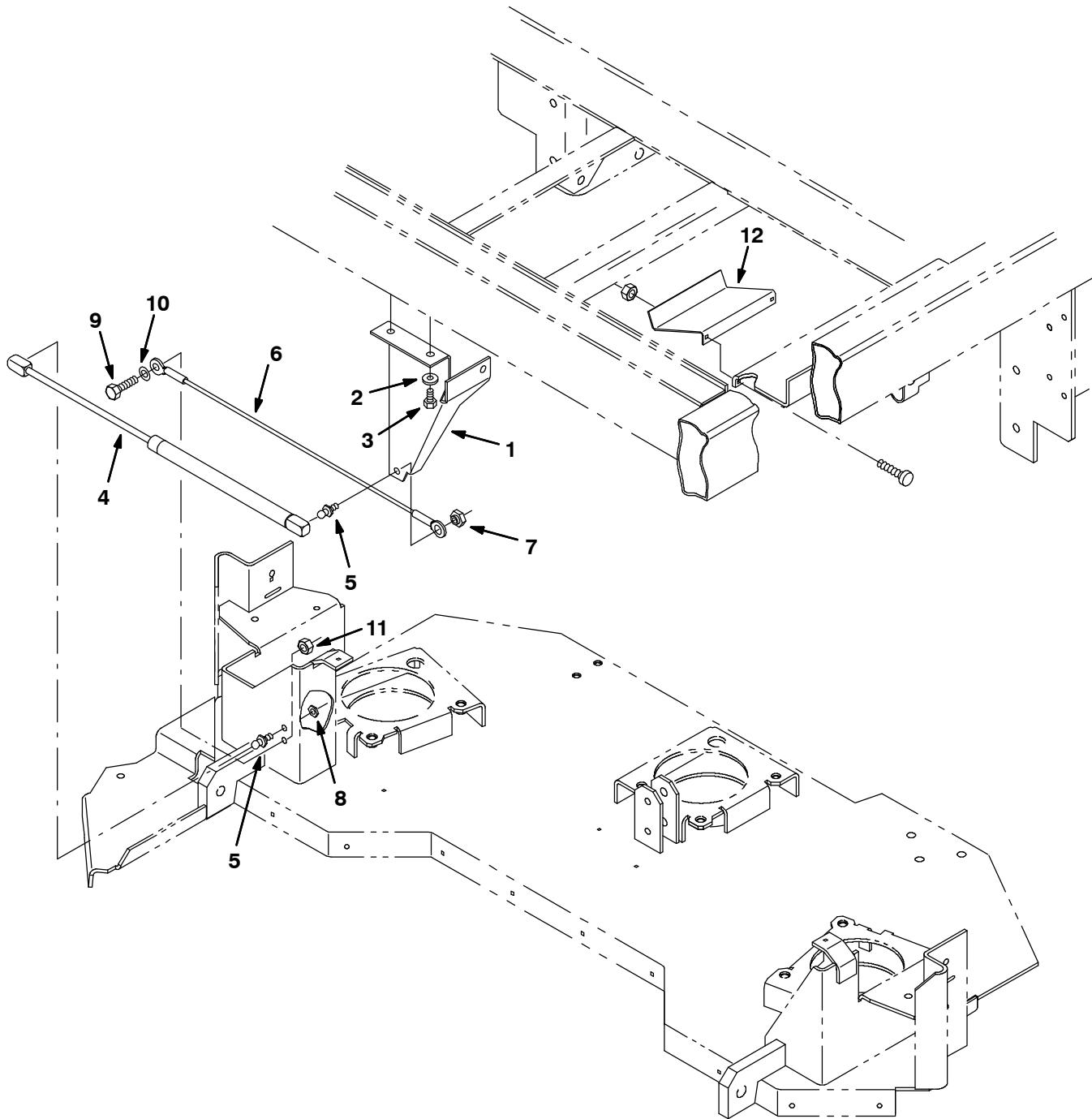


**Fig. 30 - Scrub Head Lift Group for MaxPro™ 1200 Three-Brush System**

Ref.	Tenant Part No.	Machine Serial Number	Description	Qty.
1	363139	(000000-	) Bracket, Mtg, Lift Link	1
2	09028	(000000-	) Scr Hexssm 10X1.5 25	2
3	08714	(000000-	) Nut-Hxlocnyln M10X1.5 Reg 18-8	2
▽	4	363310	(000000-) Bracket Assy, Head Lift	1
▲	5	04843	(000000-) Bearing, Flange .625 Bore	2
6	222556	(000000-	) Sleeve, .34B .62D .38	2
7	09010	(000000-	) Scr Hexssm 8X1.25 25	2
8	32491	(000000-	) Washer Flt .31 Hard	2
9	363120	(000000-	) Roller, Mounting, Brush Head	2
10	222277	(000000-	) Sleeve, .344B .62D.93 Bronze	2
11	04843	(000000-	) Bearing, Flange .625 Bore	4
12	222505	(000000-	) Screw Hex Ssm 8X1.25 45	2

## STANDARD PARTS

Fig. 31 - Edge Scrub Group for MaxPro™ 1200 Three-Brush System

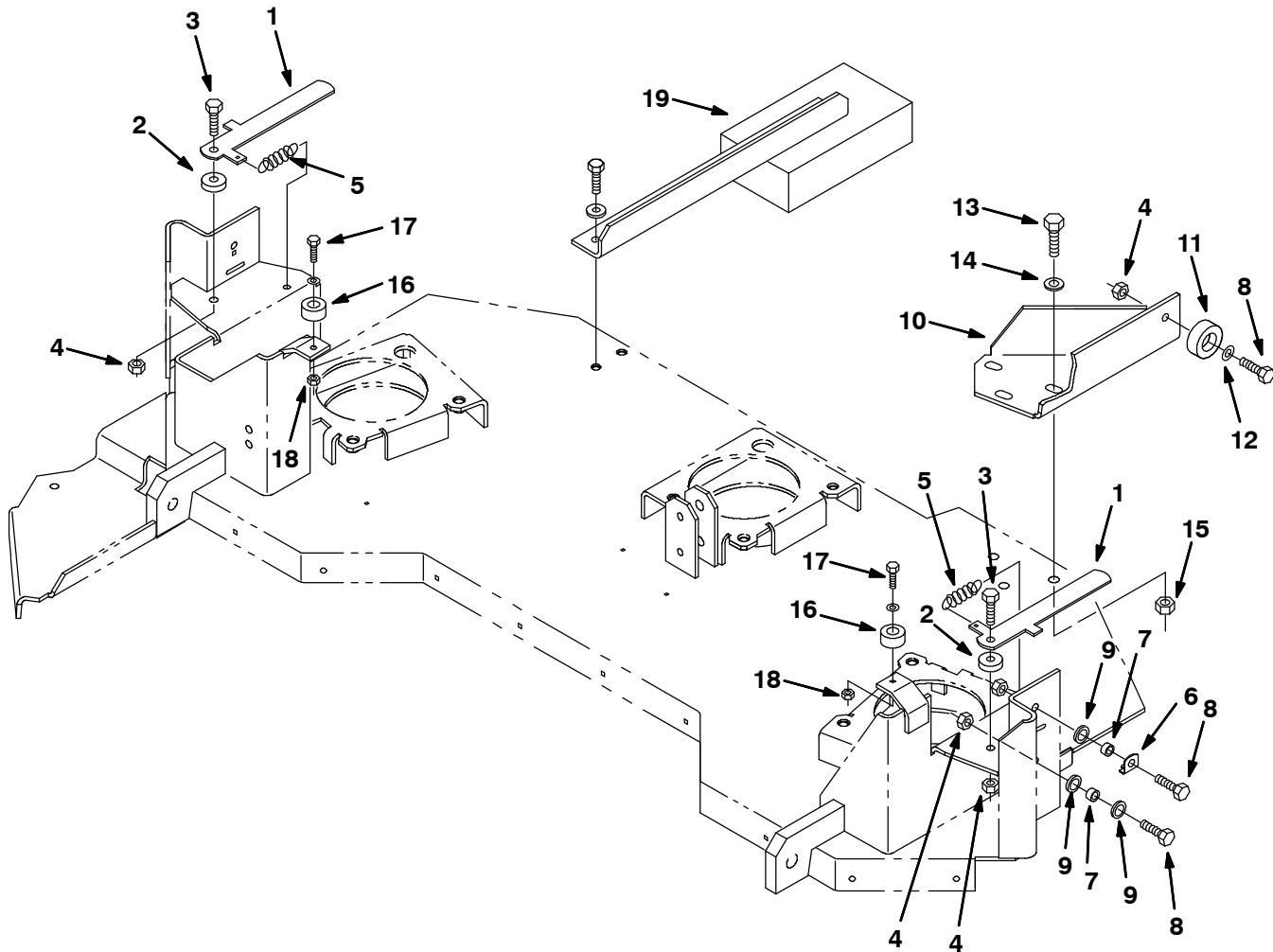


**Fig. 31 - Edge Scrub Group for MaxPro™ 1200 Three-Brush System**

Ref.	Tenant Part No.	Machine Serial Number	Description	Qty.
1	363116	(000000-	) Bracket, Mtg, Gas Shock	1
2	01685	(000000-	) Washer Flt .31 Ss	2
3	15675	(000000-	) Scr Hexssm 8X1.25ls	2
4	14464	(000000-	) Spring, Gas 30Lb 8.04 Stroke	1
5	58494	(000000-	) Stud, Ball, Gas Spring	2
6	14530	(000000-	) Cable, Retaining, Side Brush 18.81	1
7	14725	(000000-	) Nut, Retainer .31-18	1
8	01760	(000000-	) Nut-Hxlocnyln .31-18 Thin Pltd	1
9	09740	(000000-	) Scr Hexssm 8X1.25	1
10	01685	(000000-	) Washer Flt .31 Ss	1
11	08713	(000000-	) Nut-Hxlocnyln M 8X1.25 Reg Ss	1
12	24107	(000000-	) Bracket, Retainer	1

## STANDARD PARTS

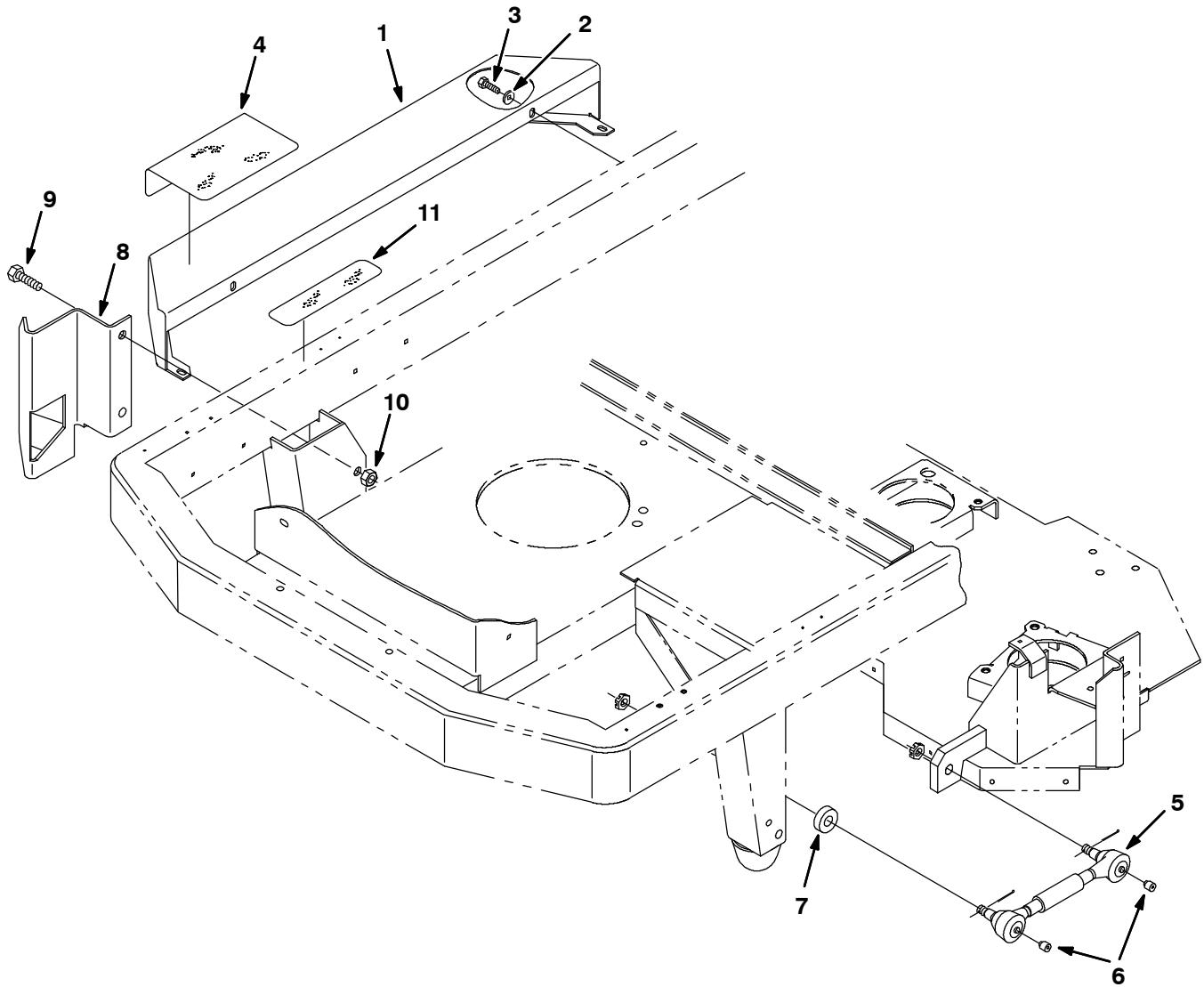
Fig. 32 - Scrub Head Stops and Squeegee Mount Group for MaxPro™ 1200 Three-Brush System



10365-10366

Ref.	Tenant Part No.	Machine Serial Number	Description	Qty.
1	15569	(000000-	) Lever, Stop	2
2	15649	(000000-	) Tube, Rnd, .34B 1.00D .30Lg	2
3	09011	(000000-	) Scr HexssM 8X1.25 30	2
4	08713	(000000-	) Nut-Hxlocnyln M 8X1.25 Reg Ss	7
5	09087	(000000-	) Sprng,Tens,0.56Odx.05Wire 0.9L	2
6	15900	(000000-	) Guide, Sqge Mtg	2
7	15568	(000000-	) Tube, Rnd, .34B .50D .27Lg	4
8	09010	(000000-	) Scr HexssM 8X1.25 25	5
9	32491	(000000-	) Washer Flt .31 Hard	6
10	15018	(000000-	) Bracket, Stop, Frame	1
11	15023	(000000-	) Bumper, Polyethylene	1
12	01685	(000000-	) Washer Flt .31 Ss	1
13	09028	(000000-	) Scr Hexss M10X1.5 25	3
14	01686	(000000-	) Washer-Flt .38 Ss	3
15	08714	(000000-	) Nut-Hxlocnyln M10X1.5 Reg 18-8	3
16	82921	(000000-	) Bumper, Rubber	2
17	24199	(000000-	) Screw HexssM 5X0.8	2
18	09739	(000000-	) Nut-Hxlocnyln M 5X0.8 Reg 18-8	2
19	363439	(000000-	) Bar Assembly, Weight	1

Fig. 33 - Scrub Head Mount Group for MaxPro™ 1200 Three-Brush System

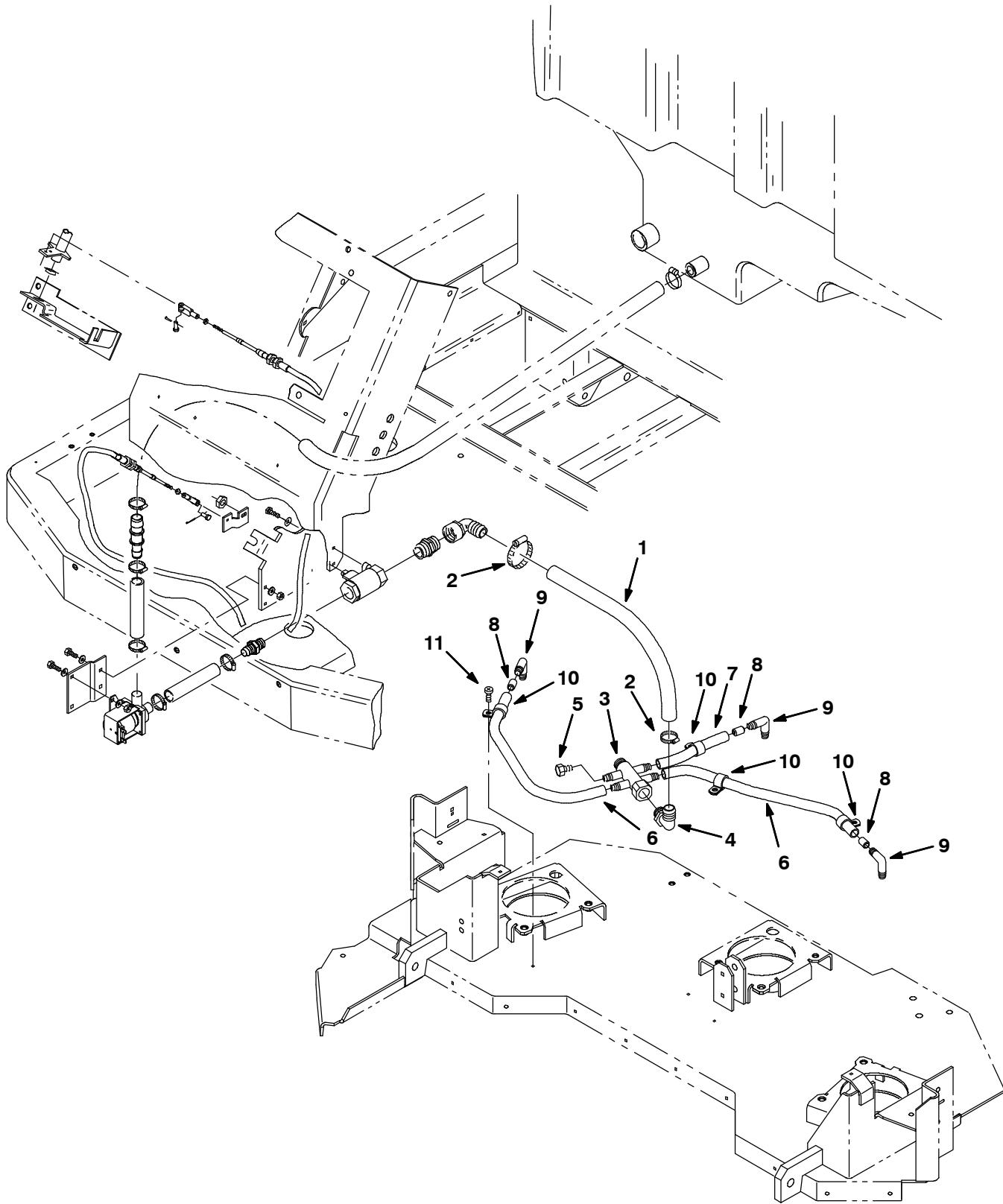


10727-10360

Ref.	Tenant Part No.	Machine Serial Number	Description	Qty.
1	363168	(000000-	) Bumper, Side	1
2	32491	(000000-	) Washer Flt .31 Hard	4
3	09740	(000000-	) Scr Hexssm 8X1.25	4
4	16368	(000000-	) Tread, Floor	1
5	363113	(000000-	) Link Wldt, Head, Drag	2
6	07259	(000000-	) Ftg, Grease.25-28Th Strt .47L	4
7	14524	(000000-	) Spacer, Washer	2
8	363142	(000000-	) Bracket Wldt, Mtg, Drag Link	1
9	09745	(000000-	) Screw Hexssm 12X1.75	2
10	09741	(000000-	) Nut-Hxlocnmm12X1.75 Reg Ss	2
11	363458	(000000-	) Tread, Floor	1

## STANDARD PARTS

Fig. 34 - Solution Group for MaxPro™ 1200 Three-Brush System



**Fig. 34 - Solution Group for MaxPro™ 1200 Three-Brush System**

Ref.	Tenant Part No.	Machine Serial Number	Description	Qty.
1	363490	(000000-	) Hose, Vinyl,Clr, .75Idx 16.Lg	1
2	86824	(000000-	) Clamp-Wormdrive 0.50-1.06D	2
3	72950	(000000-	) Manifold, Plastic	1
4	40145	(000000-	) Ftg,Plstc,Elb,Barb.50Pt-.75Hse	1
5	50896	(000000-	) Ftg-Plug Npt 02Pm Hx Hd Plasti	1
6	49142	(000000-	) Hose, Vinyl Clr,.50Id X 18.Lg	2
7	363322	(000000-	) Hose, Vinyl, Clear	1
8	77334	(000000-	) Fitting, Plastic, Str,Ba.31Id-	3
9	63987-1	(000000-	) Ftg,Plstc,Elb,Barb.50Hs-.50Hse	3
10	67767	(000000-	) Clamp-Cable,.69Dia. 62Wth	4
11	15675	(000000-	) Scr Hexssm 8X1.25	4

## STANDARD PARTS

Fig. 35 - Right Side Squeegee Group for MaxPro™ 1200 Three-Brush System

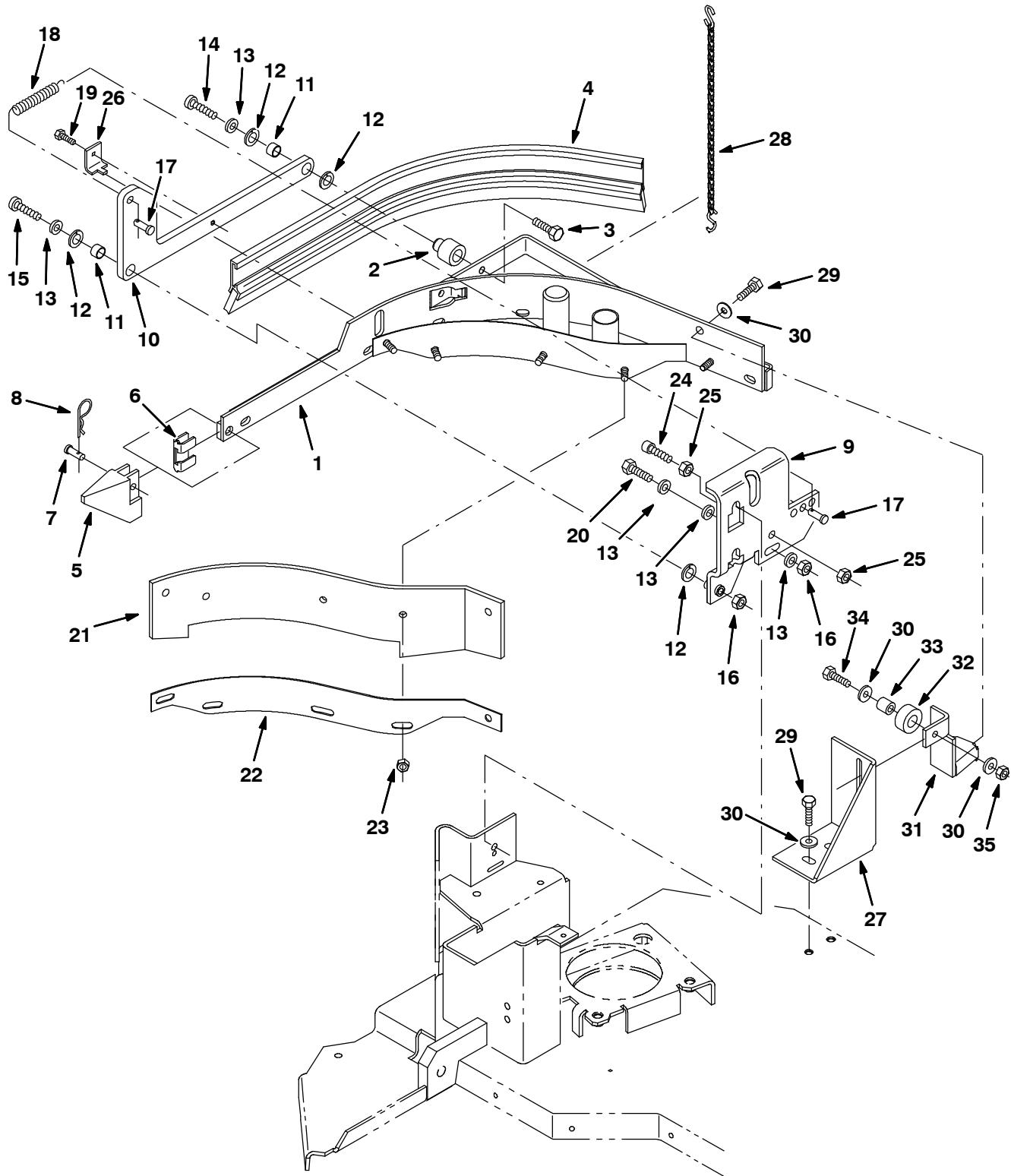


Fig. 35 - Right Side Squeegee Group for MaxPro™ 1200 Three-Brush System

Ref.	Tenant Part No.	Machine Serial Number	Description	Qty.
▼	363122	(000000-	Squeegee Assy, Side, Rh	1
▲ 1	363125	(000000-	Frame Wldt, Side Squeegee, Rh	1
▲ 2	15681	(000000-	Bar, Mtg	1
▲ 3	15675	(000000-	Scr Hexssm 8X1.25	1
▲ 4	363123	(000000-	Blade Assy, Squeegee, Side	1
▲ 5	14648	(000000-	Guide, Side Squeegee	1
▲ 6	86759	(000000-	Retainer, Squeegee	1
▲ 7	69582	(000000-	Pin,Clevis,0.31 Dia X 1.00 Lg	1
▲ 8	44906	(000000-	Pin,Hair Cotter #Lhcot-2,Leitk	1
▲ 9	15645	(000000-	Bracket, Wldt, Rh	1
▲ 10	363430	(000000-	Bar, Sqge Lift	1
▲ 11	64173	(000000-	Bearing,.50X.38	2
▲ 12	86860	(000000-	Bearing, Thrust .500	4
▲ 13	01685	(000000-	Washer Flt .31 Ss	5
▲ 14	17284	(000000-	Scr-Butn M8X1.25 16 Ss18-8	1
▲ 15	17288	(000000-	Scr-Butn M8X1.25 35 10.9Pltd	1
▲ 16	08713	(000000-	Nut-Hxlocnyln M 8X1.25 Reg Ss	2
▲ 17	76653	(000000-	Pin Clevis 0.37 Dia X 1.00 Lg	2
▲ 18	363469	(000000-	Spring, Tension, .750X.105X3.00	1
▲ 19	09744	(000000-	Scr Hexssm 6X1.0	1
▲ 20	09011	(000000-	Scr Hexssm 8X1.25 30	1
▲ 21	363165	(000000-	Blade, Side Squeegee, Front	1
▲ 22	363166	(000000-	Retainer, Mtg, Front Blade	1
▲ 23	41437	(000000-	Nut-Hxlocnyln .31-18 Regss18-8	5
▲ 24	41445	(000000-	Scr Soc M8X1.25	1
▲ 25	07786	(000000-	Nut Hx Ss M 8X1.25	2
▲ 26	15966	(000000-	Angle, Stop, Side Squeegee	1
27	363396	(000000-	Angle, Mtg, Squeegee Lift	1
28	363466	(000000-	Chain, Double Scrub	1
29	09740	(000000-	Scr Hexssm 8X1.25	3
30	01685	(000000-	Washer Flt .31 Ss	5
31	363443	(000000-	Brkt Wldt, Sq Lift	1
32	363445	(000000-	Bearing, Sq Lift	1
33	363446	(000000-	Spacer	1
34	09026	(000000-	Scr Hexssm 8X1.25 40	1
35	07786	(000000-	Nut Hx Ss M 8X1.25	1

## STANDARD PARTS

Fig. 36 - Left Side Squeegee Group for MaxPro™ 1200 Three-Brush System

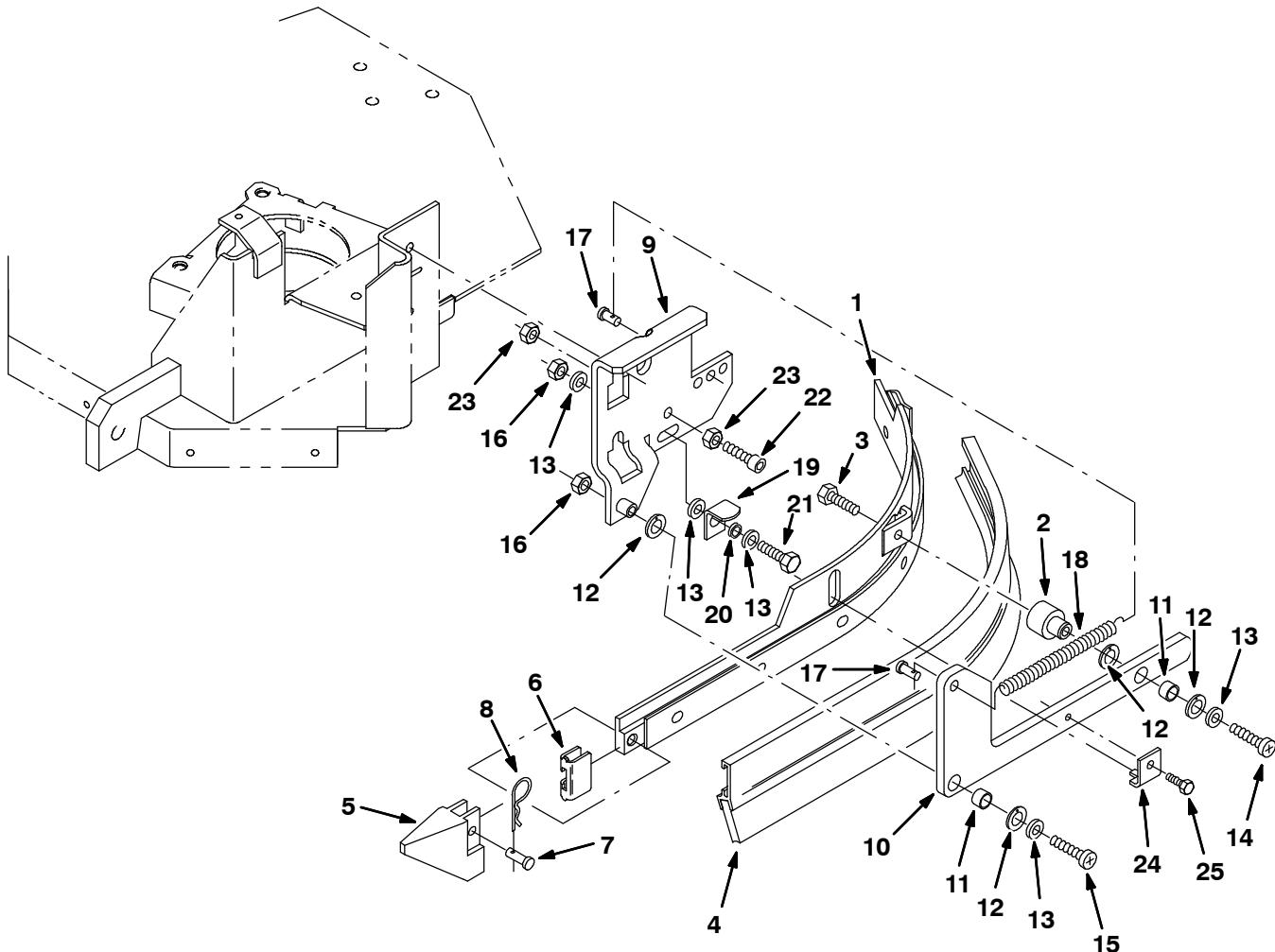


Fig. 36 - Left Side Squeegee Group for MaxPro™ 1200 Three-Brush System

Ref.	Tenant Part No.	Machine Serial Number	Description	Qty.
▼	32710	(000000-	Squeegee, Side Left Hand	1
▲ 1	14677	(000000-	Frame Wldt, Side Squeegee, Lh	1
▲ 2	15681	(000000-	Bar, Mtg	1
▲ 3	15675	(000000-	Scr Hexssm 8X1.25	1
▲ 4	86859	(000000-	Squeegee, Side	1
▲ 5	14648	(000000-	Guide, Side Squeegee	1
▲ 6	86759	(000000-	Retainer, Squeegee	1
▲ 7	69582	(000000-	Pin,Clevis,0.31 Dia X 1.00 Lg	1
▲ 8	44906	(000000-	Pin,Hair Cotter #Lhcot-2,Leitk	1
▲ 9	15647	(000000-	Bracket Wldt, Lh	1
▲ 10	14675	(000000-	Bar, Squeegee Lift	1
▲ 11	64173	(000000-	Bearing,.50X.38	2
▲ 12	86860	(000000-	Bearing, Thrust .500	4
▲ 13	01685	(000000-	Washer Flt .31 Ss	5
▲ 14	17284	(000000-	Scr-Butn M8X1.25 16 Ss18-8	1
▲ 15	17288	(000000-	Scr-Butn M8X1.25 35 10.9Pltd	1
▲ 16	08713	(000000-	Nut-Hxlocnyln M 8X1.25 Reg Ss	2
▲ 17	41305	(000000-	Pin Clevis 0.37 Dia X 0.75 Lg	2
▲ 18	15047	(000000-	Spring Extension	1
▲ 19	41307	(000000-	Angle	1
▲ 20	41308	(000000-	Spacer	1
▲ 21	09011	(000000-	Scr Hexssm 8X1.25 30	1
▲ 22	41445	(000000-	Scr Soc M8X1.25	1
▲ 23	07786	(000000-	Nut Hx Ss M 8X1.25	2
▲ 24	15966	(000000-	Angle, Stop, Side Squeegee	1
▲ 25	09744	(000000-	Scr Hexssm 6X1.0	1

## STANDARD PARTS

Fig. 37 - Rear Squeegee Mount Group

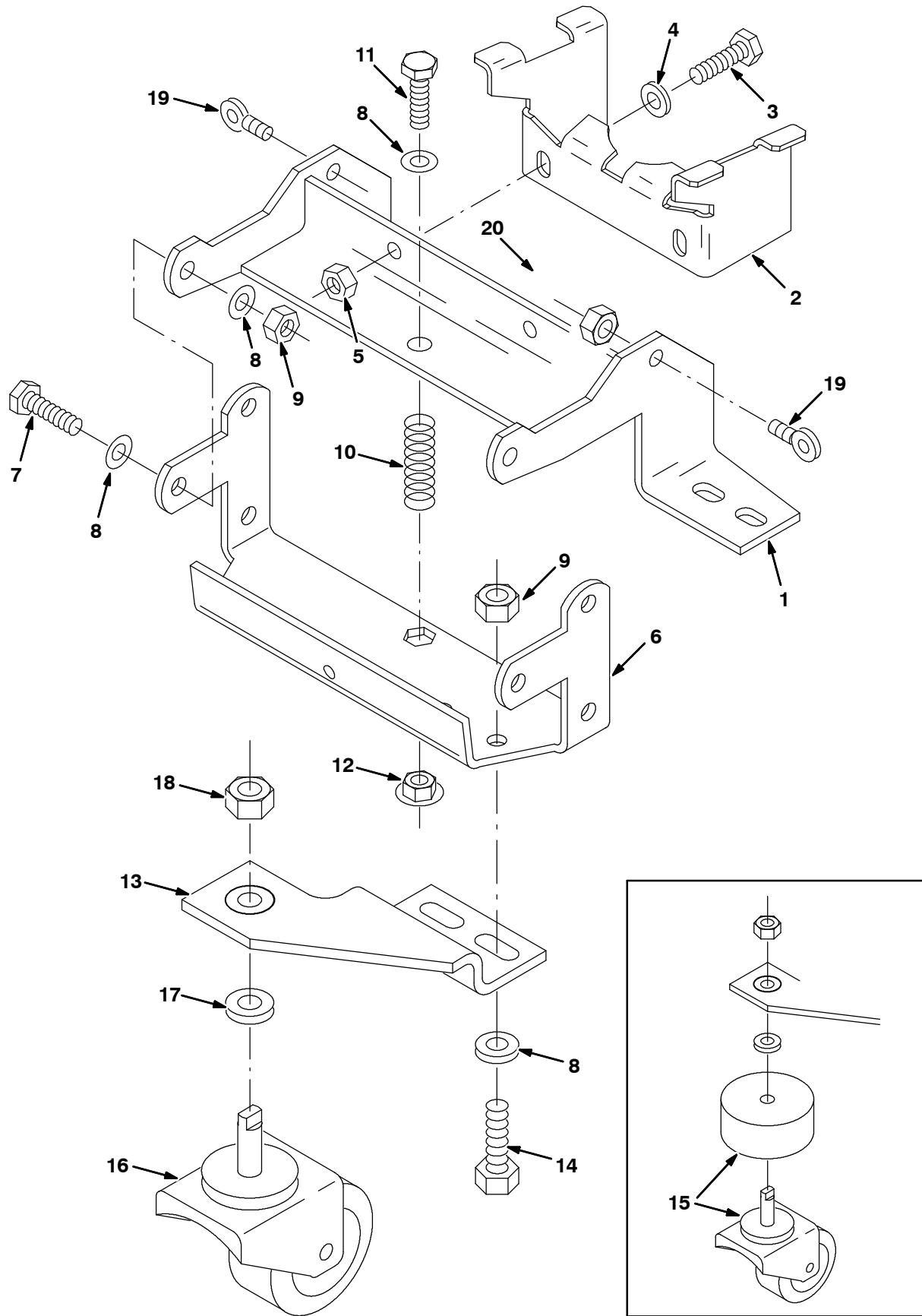
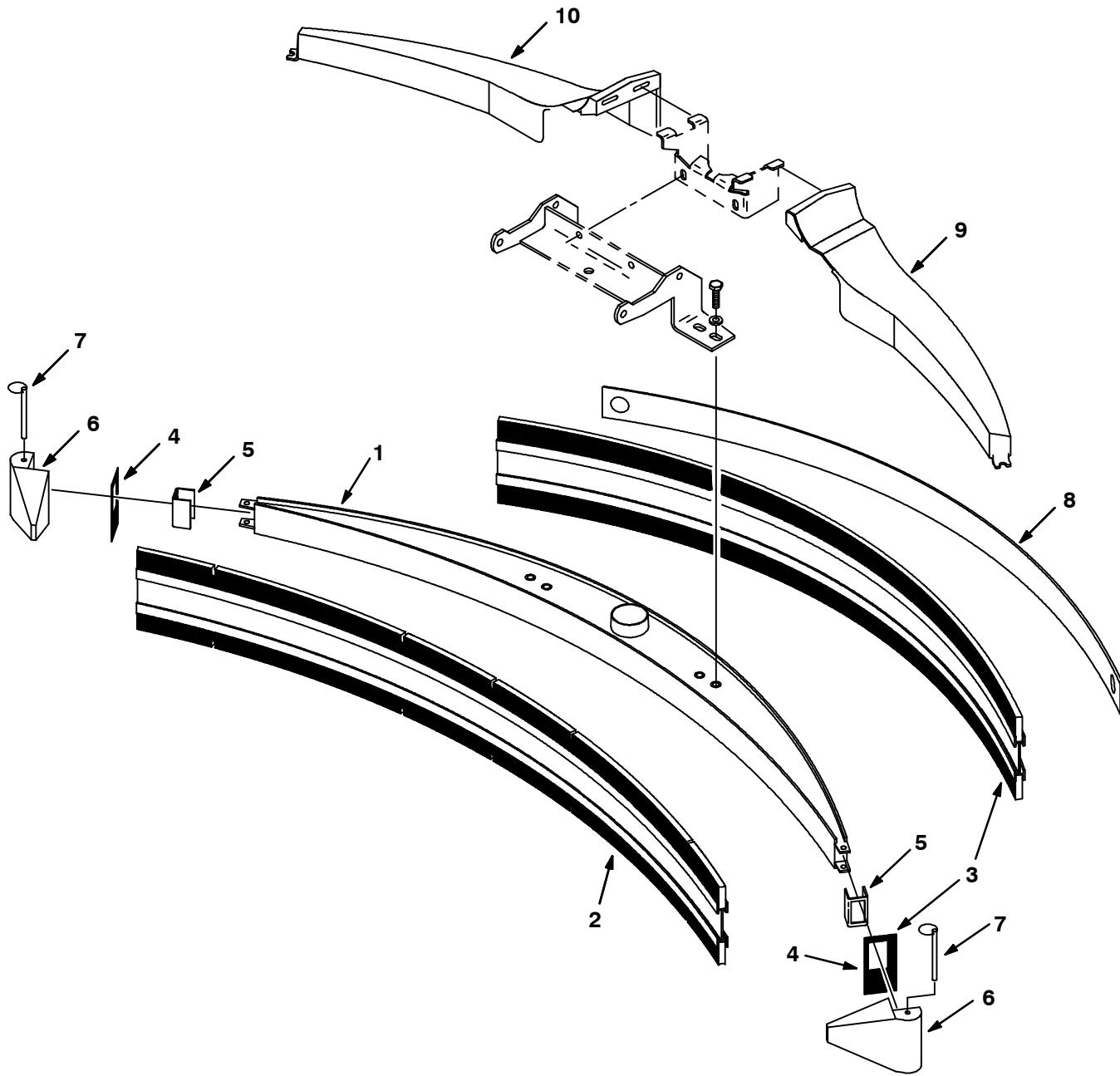


Fig. 37 - Rear Squeegee Mount Group

Ref.	Tenant Part No.	Machine Serial Number	Description	Qty.
1	16355	(000000-	) Bracket, Mtg, Squeeggee	1
2	15990	(000000-	) Bracket, Hose, Sqge	1
3	09740	(000000-	) Scr Hexssm 8X1.25	2
4	01685	(000000-	) Washer Flt .31 Ss	2
5	08713	(000000-	) Nut-Hxlocnyln M 8X1.25 Reg Ss	2
6	363231	(000000-	) Pivot, Lift, Squeegee	1
7	12317	(000000-	) Scr Hexssm10X1.5 30	2
8	01686	(000000-	) Washer-Flt .38 Ss	7
9	08714	(000000-	) Nut-Hxlocnyln M10X1.5 Reg 18-8	4
10	16816	(000000-	) Spring, Comp .50Id 1.00Od 2.0	1
11	04417	(000000-	) Screw Hex Ssm 10X1.5	1
12	07792	(000000-	) Nut Hx Flange M10X1.5	1
13	32735	(000000-	) Bracket,Caster	1
14	09028	(000000-	) Scr Hexssm 10X1.5 25	2
15	370134	(000000-004732	) Caster Kit, Sealed. 3.0Dia	1
16	370133	(004733-	) Caster, Swivel, Sealed 3.0Dia	1
17	51564	(000000-	) Washer, .531B 1.75D .12Cr.Znc	1
18	32523	(000000-	) Nut Hx Jam .50-13	1
19	48079	(000000-	) Bolt-Eye, .25-20Th .25B 1.4L	2
20	41169	(000000-	) Nut-Hxlocnyln .25-20 Regss18-8	3

## STANDARD PARTS

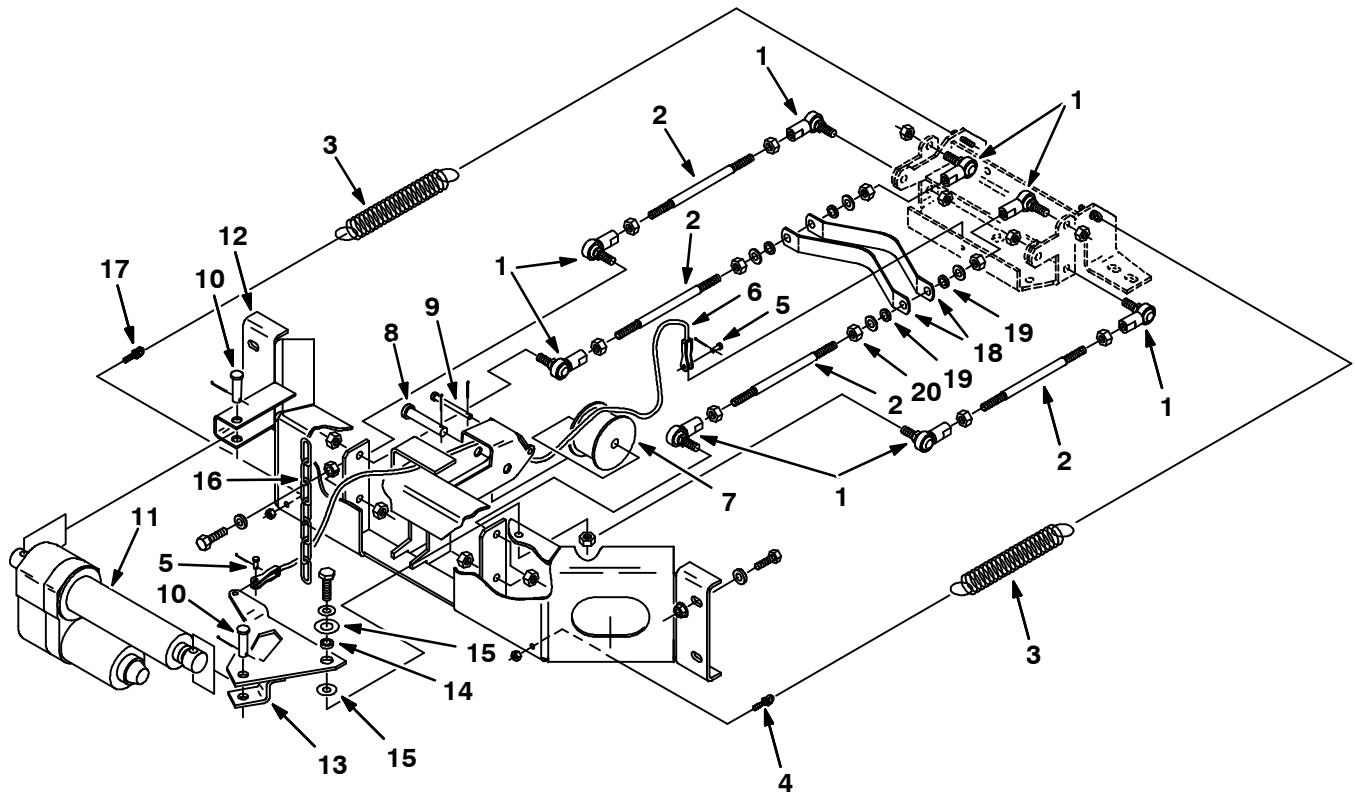
Fig. 38 - Rear Squeegee Group



05216-05216

Ref.	Tenant Part No.	Machine Serial Number	Description	Qty.
1	17104	(000000-	) Frame, Squeegee	1
2	14575	(000000-	) Squeegee Assembly, Front	1
▼	3 24304	(000000-	) Rear Squeegee Kit	1
▲	4 86812	(000000-	) Gasket, Squeegee	2
5	12542	(000000-	) Bracket, Retainer	2
6	17038	(000000-	) Bumper, Squeegee	2
7	86327	(000000-	) Pin, Hitch	2
8	17140	(000000-	) Strip, Retaining	1
9	17084	(000000-	) Cover, Squeegee, L.H.	1
10	17083	(000000-	) Cover, Squeegee, R.H.	1

Fig. 39 - Rear Squeegee Linkage Group



10699-05218

Ref.	Tenant Part No.	Machine Serial Number	Description	Qty.
▽	24306	(000000- )	Link Rear Squeegee	4
▲	1 05686	(000000- )	Rod End M10 X1.5 W/Stud	2
▲	2 14555	(000000- )	Rod-Thread, 2End M10X1.5X7.35	1
3	52238	(000000- )	Sprng,Tens,1.12Odx.12Wire 6.2L	2
4	48079	(000000- )	Bolt-Eye, .25-20Th .25B 1.4L	1
5	76782	(000000- )	Pin,Clevic,0.19 Dia.X 0.75 Lg	2
6	363230	(000000- )	Cable, Control,Sqg Lift Rear	1
7	223054	(000000- )	Drum, Lift Cable	1
8	06279	(000000- )	Pin,Clevis,0.50 Dia.X 2.50 Lg	1
9	04733-10	(000000- )	Pin, Clevis,0.25 Dia X 2.44 Lg	1
10	51534	(000000- )	Pin,Clevis,0.50 Dia.X 2.00 Lg	2
11	363151	(000000- )	Actuator, Squeegee Lift 515	1
12	363404	(000000- )	Bracket Wldt, Mounting, Squeeg	1
13	14662	(000000- )	Lever Wldt, Sqge Lift	1
14	363420	(000000- )	Sleeve, Bearing	1
15	64425	(000000- )	Washer, .656B 1.25D .06	2
16	43500	(000000- )	Chain,Link#2/0,7Links	1
17	10444	(000000- )	Eye Bolt,0.188Eye,.25-20Thd.	1
18	32739	(000000- )	Spring, Centering Squeegee	2
19	32713	(000000- )	Washer .812 Od 406 Id Ureth	4
20	32715	(000000- )	Nut Hxloc, M10 X.5	2

## STANDARD PARTS

Fig. 40 - Recovery Tank Group

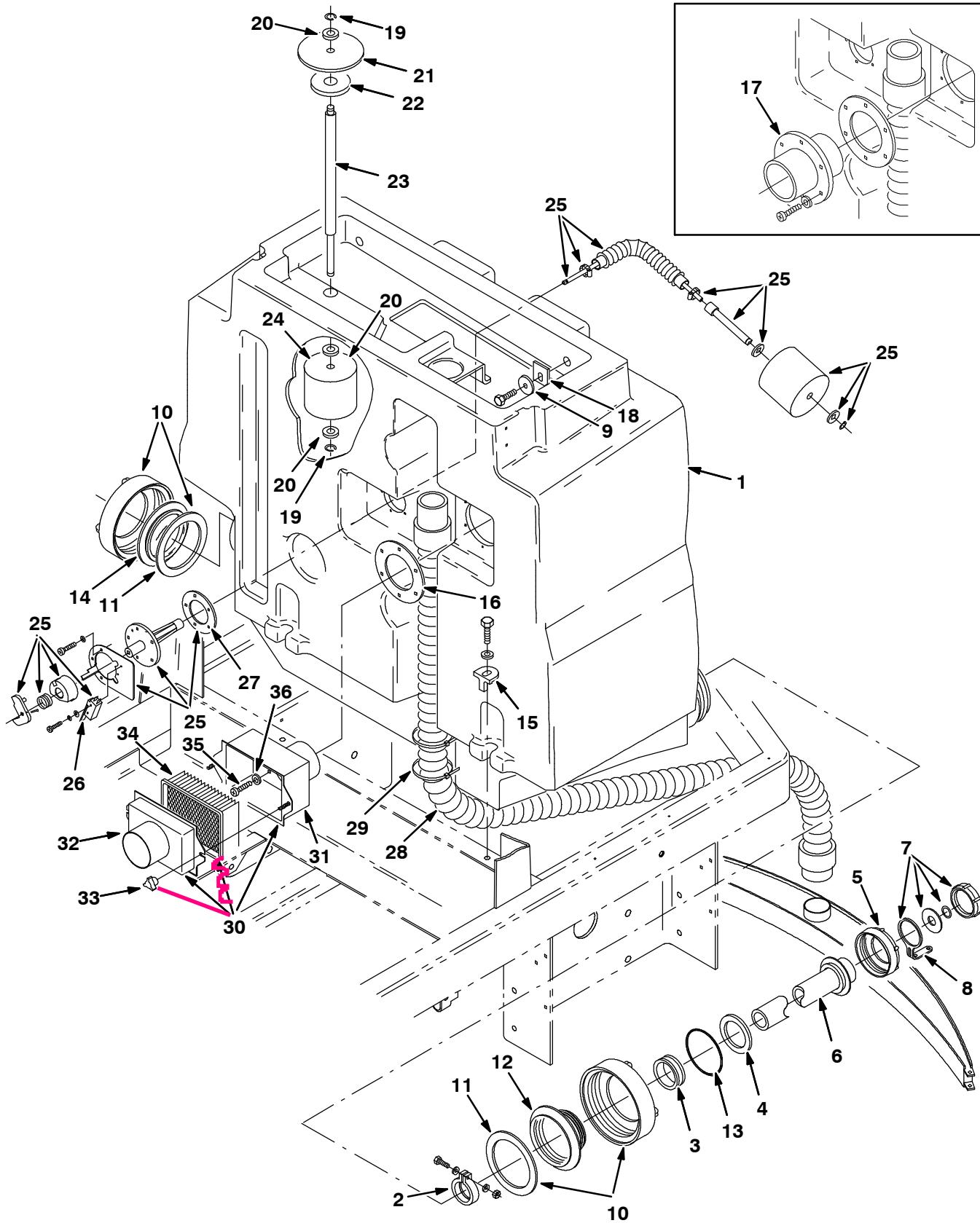


Fig. 40 - Recovery Tank Group

Ref.	Tenant Part No.	Machine Serial Number	Description	Qty.
1	14148	(000000-	) Tank, Recovery	1
▽	32503	(000000-	) Drain Hose Kit	1
▲	2 41454	(000000-	) Clamp, Hose	1
▲	3 41421	(000000-	) Seal, Hose	1
▲	4 41451	(000000-	) Gasket, Lid	1
▲	5 14880	(000000-	) Cap, Drain Hose	1
▲	6 24174	(000000-	) Hose Assembly, Drain	1
▲▽	7 32501	(000000-	) Cap, Drain Kit	1
▲▲	8 32508	(000000-	) Strap, Cap Retainer	1
	9 32662	(000000-	) Washer	2
▽	10 24358	(000000-	) Tank Cap Kit	2
▲	11 374675	(000000-	) Gasket, Lid	1
	12 14864	(000000-	) Cover, Insert	1
	13 79320	(000000-	) Gasket, Drain Cap	1
	14 86636	(000000-	) Lid, Cover	1
	15 14439	(000000-	) Washer, Molded Plastic	2
	16 16203	(000000-	) Gasket, Fitting	1
	17 16202	(000000-004867 )	Fitting, Plastic	1
	18 24438	(000000-	) Plate	2
	19 86953	(000000-	) Ring, Retaining	2
	20 86952	(000000-	) Washer, Nylon	3
	21 15034	(000000-	) Plate, Plastic	1
	22 16205	(000000-	) Gasket, Float	1
	23 15025	(000000-	) Rod, Plastic	1
	24 32663	(000000-	) Float, Polyfoam	1
▽	25 24288	(000000-	) Level Sensing Kit, Standard	1
▲	26 44847	(000000-	) Switch	1
▲	27 86591	(000000-	) Gasket	1
	28 16917	(000000-	) Hose, Vacuum	1
	29 44961	(000000-	) Tie, Cable	2
▽	370106	(004868-	) Kit, Syn Fltr, Vac-Fan	1
▲▽	30 370123	(004868-	) Box Assy, Air Filter	1
▲▲	31 370140	(004868-	) Housing Wldt, Air Filter	1
▲▲	32 370141	(004868-	) Cover Wldt, Air Filter	1
▲▲	33 370167	(004868-	) Knob 3Prong W/.25x20-Knob-Lo	2
▲	34 370113	(004868-	) Filter, Vac Fan	1
▲	35 24196	(004868-	) Scr Panssm 5x0.8	4
▲	36 07514	(004868-	) Washer-Loc Int Ss	4

## STANDARD PARTS

Fig. 41 - Solution Tank Group

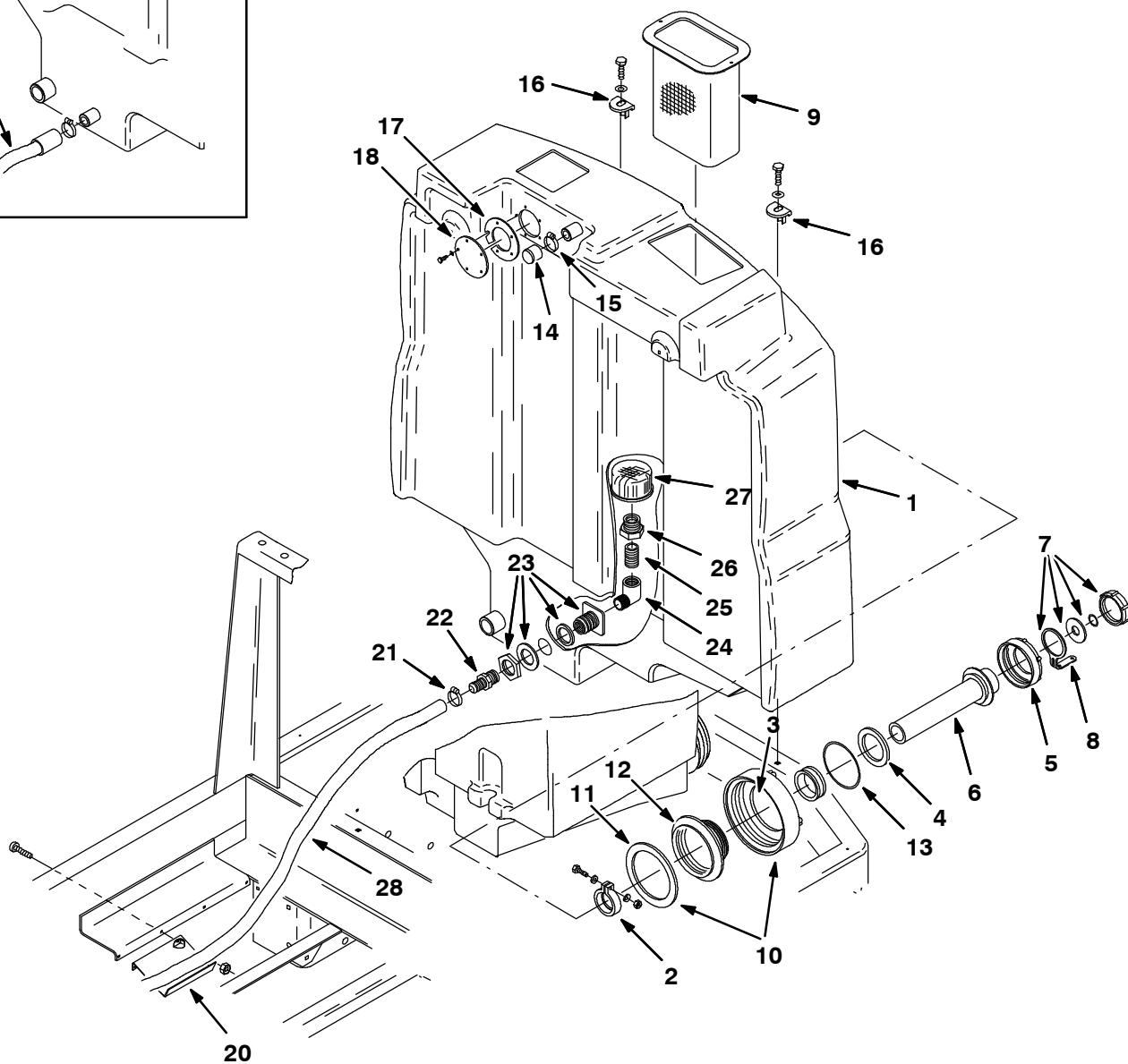
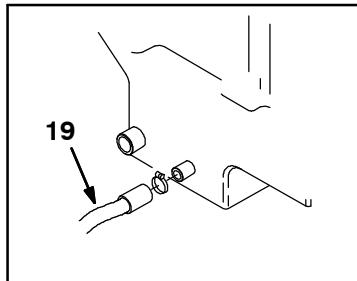
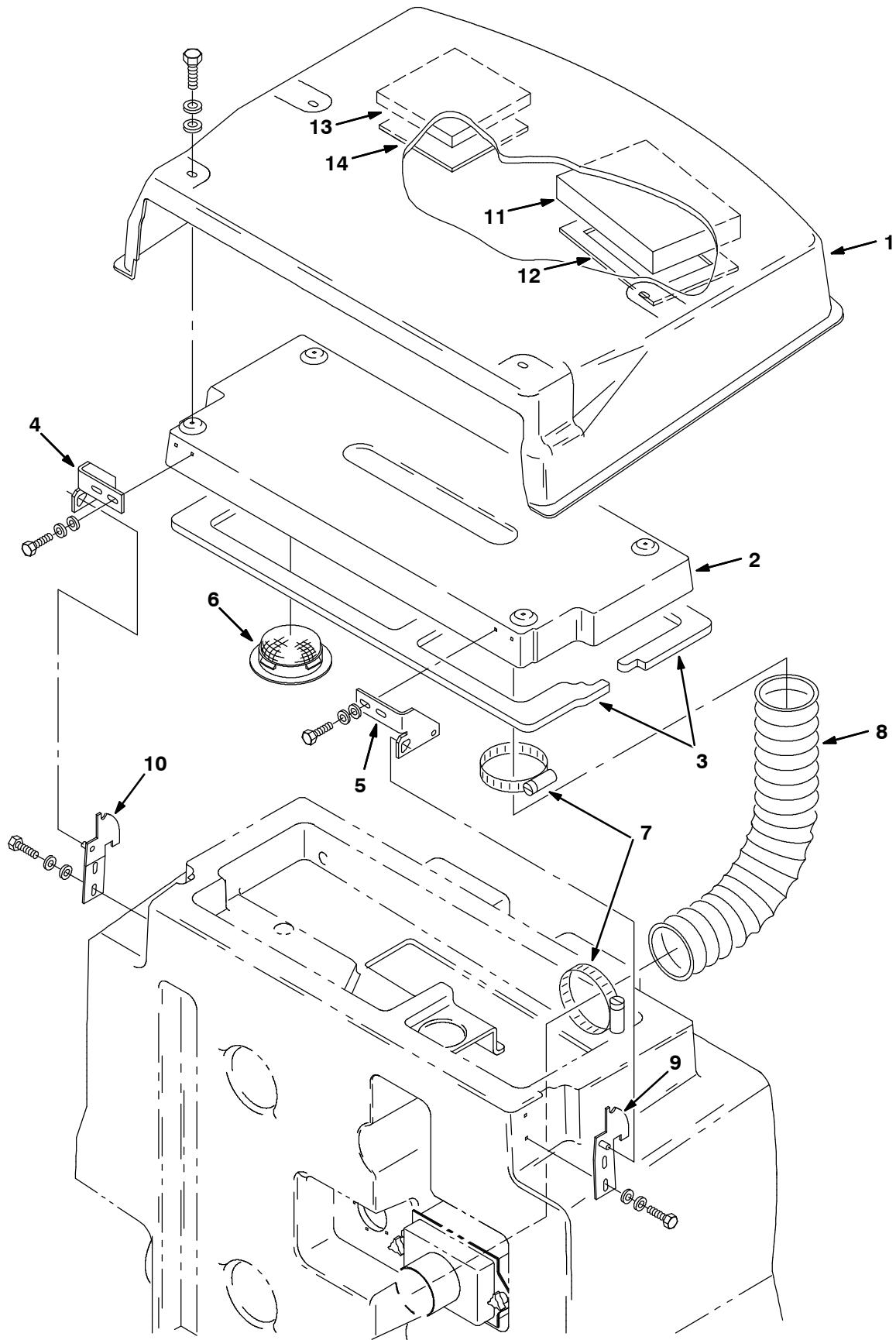


Fig. 41 - Solution Tank Group

Ref.	Tenant Part No.	Machine Serial Number	Description	Qty.
1	14147	(000000-	) Tank, Solution	1
▽	32502	(000000-	) Drain, Hose Kit	1
▲	41454	(000000-	) Clamp, Hose	1
▲	41421	(000000-	) Seal, Hose	1
▲	41451	(000000-	) Gasket, Lid	1
▲	14880	(000000-	) Cap, Drain Hose	1
▲	24175	(000000-	) Hose Assembly, Drain	1
▲▽	32501	(000000-	) Cap, Drain Kit	1
▲▲	32508	(000000-	) Strap, Cap Retainer	1
9	375025	(000000-	) Basket	1
▽	10 24358	(000000-	) Tank Cap Kit	1
▲	11 374675	(000000-	) Gasket, Lid	1
12	14864	(000000-	) Cover, Insert	1
13	79320	(000000-	) Gasket, Drain Cap	1
14	32790	(000000-	) Cap, End	1
15	86824	(000000-	) Clamp, Worm Drive	1
16	14439	(000000-	) Washer, Molded Plastic	2
17	86591	(000000-	) Gasket	1
18	86755	(000000-	) Cap, Plate	1
19	16912	(000000-004433 )	Hose, Clear Vinyl	1
20	24107	(000000-	) Bracket, Retainer	1
21	11399	(000000-	) Clamp, Worm Drive	1
22	79273-2	(004434-	Ftg-Plstc Str	1
23	370112	(004434-	Ftg-Plstc Str Blkhd Chmfred	1
24	69785	(004434-	Ftg-Plstc E90	1
25	69784	(004434-	Ftg-Plstc Str	1
26	20811	(004434-	Ftg-Plstc Str	1
27	20810	(004434-	Strainer, Screen	1
28	375024	(004434-	Hose, Clear Vinyl	1

## STANDARD PARTS

Fig. 42 - Demister and Cover Group



**Fig. 42 - Demister and Cover Group**

Ref.	Tenant Part No.	Machine Serial Number	Description	Qty.
1	14731	(000000-	) Cover and Label Assembly	1
2	14441	(000000-	) Tank, Demister	1
3	16204	(000000-	) Gasket Set	1
4	14422	(000000-	) Hinge, Top Tank, R.H.	1
5	14416	(000000-	) Hinge, Top Tank, L.H.	1
6	15977	(000000-	) Screen	1
7	17188	(000000-	) Clamp, Worm Drive	2
8	48728	(000000-	) Hose, Vacuum	1
9	14426	(000000-	) Hinge, Bottom Tank, L.H.	1
10	14438	(000000-	) Hinge, Bottom Tank, R.H.	1
11	33289	(000000-	) Filter, Foam	1
12	15491	(000000-	) Seal, Tank	1
13	33288	(000000-	) Filter, Foam	1
14	15493	(000000-	) Seal, Tank	1

## STANDARD PARTS

Fig. 43 - Instrument Panel Group

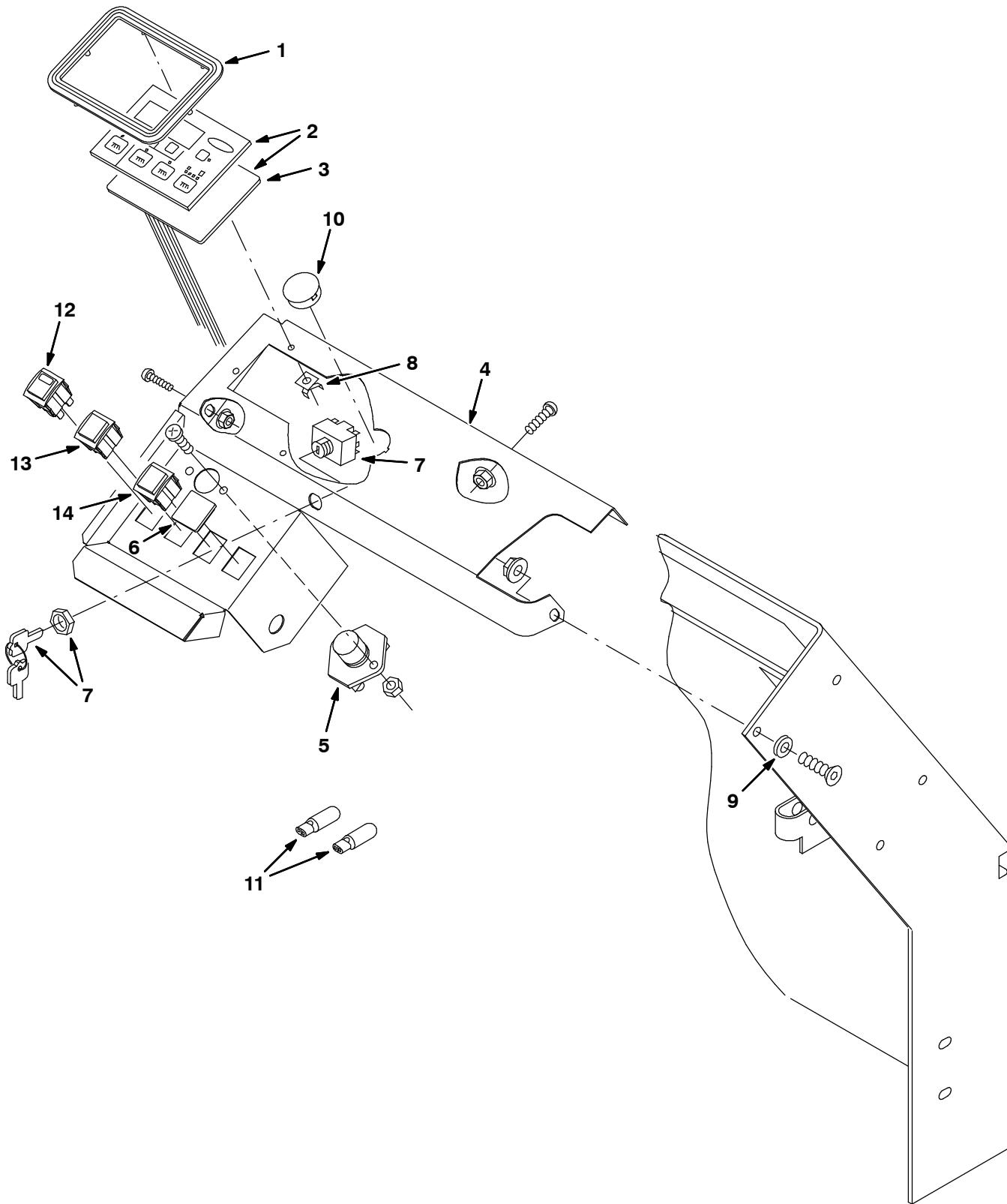


Fig. 43 - Instrument Panel Group

Tenant Ref.	Part No.	Machine Serial Number	Description	Qty.
1	16906	(000000-	) Bezel, Touch Panel	1
▽ 2	362199	(000000-	) Panel, Membrane Touch	1
▲ 3	16923	(000000-	) Gasket, Touch Panel	1
4	363286	(000000-	) Panel Wldt, Instrument	1
5	44078	(000000-	) Switch, Pushmom, Spst100A 12V	1
6	222534	(000000-	) Plug, Switch	1
▽ 7	11651	(000000-	) Switch Assy Key W/ Start	1
▲ 8	31204	(000000-	) Key Ring Assy.	1
9	05280	(000000-	) Clip, Stud, Receiver Speed	2
9	222466	(000000-	) Washer, Finishing M8 Pltd	1
10	76888	(000000-	) Plugbtn 1.25H .12 Max Blacknly	1
11	222290	(000000-	) Diode, Elec, Plug	2
12	363220	(000000-	) Switch, Rocker	1
13	222116	(000000-	) Switch, Rocker	1
14	383831	(000000-	) Switch, Rocker, Spdt,3Position	1

## STANDARD PARTS

Fig. 44 - Electronic Panel Group

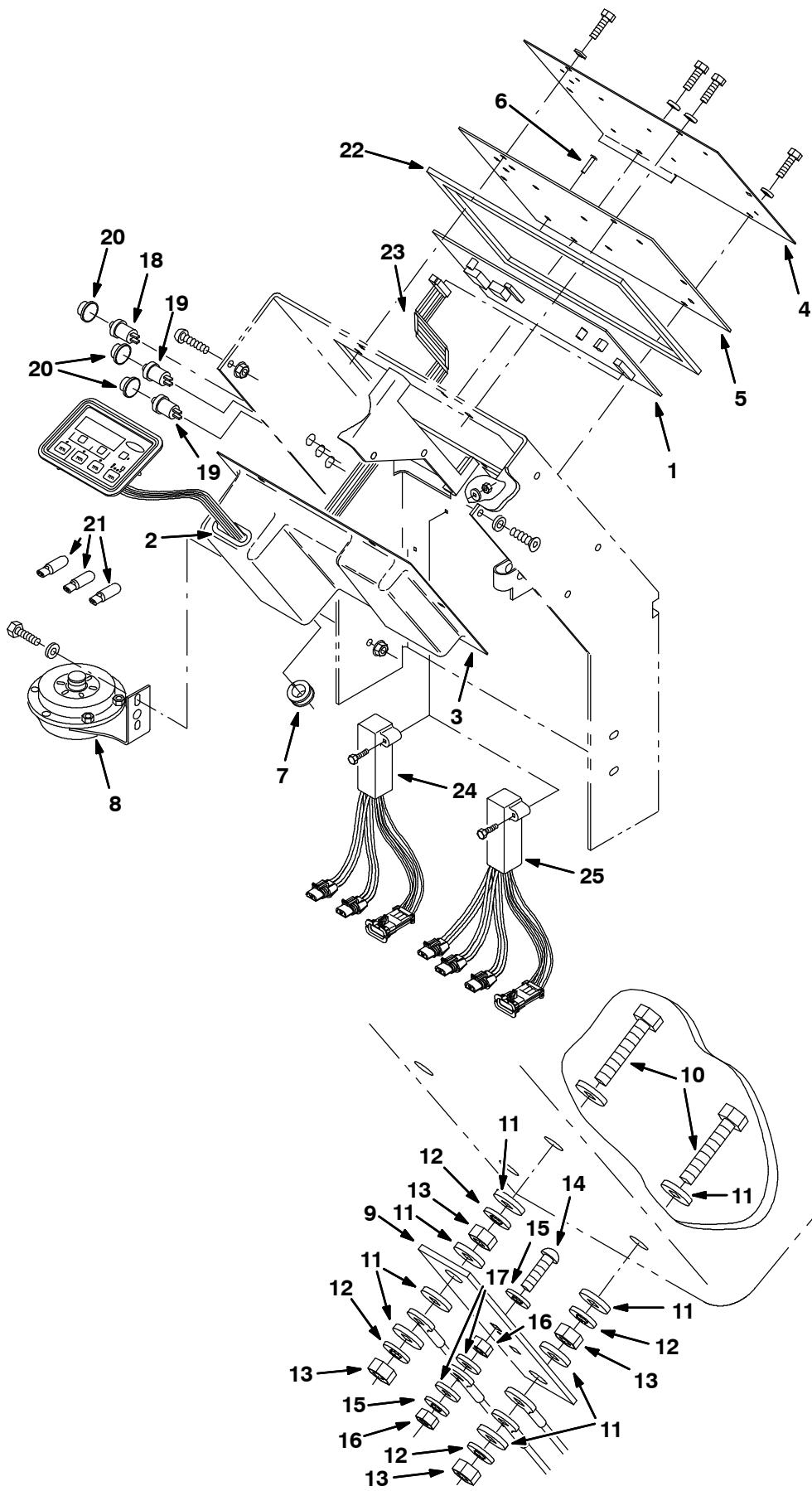


Fig. 44 - Electronic Panel Group

Ref.	Tenant Part No.	Machine Serial Number	Description	Qty.
1	370176	(000000-	) Kit, Replacement Controller, Machine Logic for Max Pro™ 1000 Two-Brush System	1
1	370175	(000000-	) Kit, Replacement Controller, Machine Logic for Max Pro™ 1200 Three-Brush System	1
2	27928	(000000-	) Grommet, Ribbon Cable	1
3	363303	(000000-	) Cover, Circuit Board	1
4	15391	(000000-	) Plate, Mtg, Circuit Board	1
5	15392	(000000-	) Gasket, Circuit Board	1
6	15840	(000000-	) Pin, Prong, Pc Board	9
7	10632-1	(000000-	) Grommet,Rbr,1.06Id,For .19Matl	1
8	369702	(000000-	) Horn	1
9	362190	(000000-004286	) Shunt, Amp Measurement	2
10	06944	(000000-004286	) Scr Hex M 6X1.0 25	4
11	19066	(000000-004286	) Washer Flt 10	18
12	07515	(000000-004286	) Washer-Loc Int .25 Ss	8
13	41359	(000000-004286	) Nut-Hx Std M 6X1.0	8
14	09146	(000000-004286	) Scr Pan M3X0.5 12	2
15	01757	(000000-004286	) Washer- Loc Int M 3 Ss	4
16	01754	(000000-004286	) Nut Hx Std M 3X0.5	4
17	41578	(000000-004286	) Washer Flt 06 Ss See 25564	4
18	87583	(000000-	) Breaker-Circuit 2.5 Resetable	1
19	57803	(000000-	) Breaker-Circuit, 15A Resetable	2
20	57751	(000000-	) Boot,Circuit Breaker	3
21	222290	(000000-	) Diode, Elec, Plug	3
22	363519	(000000-	) Gasket, Controller Cover	1
23	362200	(000000-	) Cable, Ribbon 34 Conductor	1
24	363236	(004287-	) Shunt, 2 Std Mtrs BLK for Max Pro™ 1000 Two-Brush System	1
25	363238	(004287-	) Shunt, 3 Std Mtrs for Max Pro™ 1200 Three-Brush System	1

## STANDARD PARTS

Fig. 45 - Control Box Group

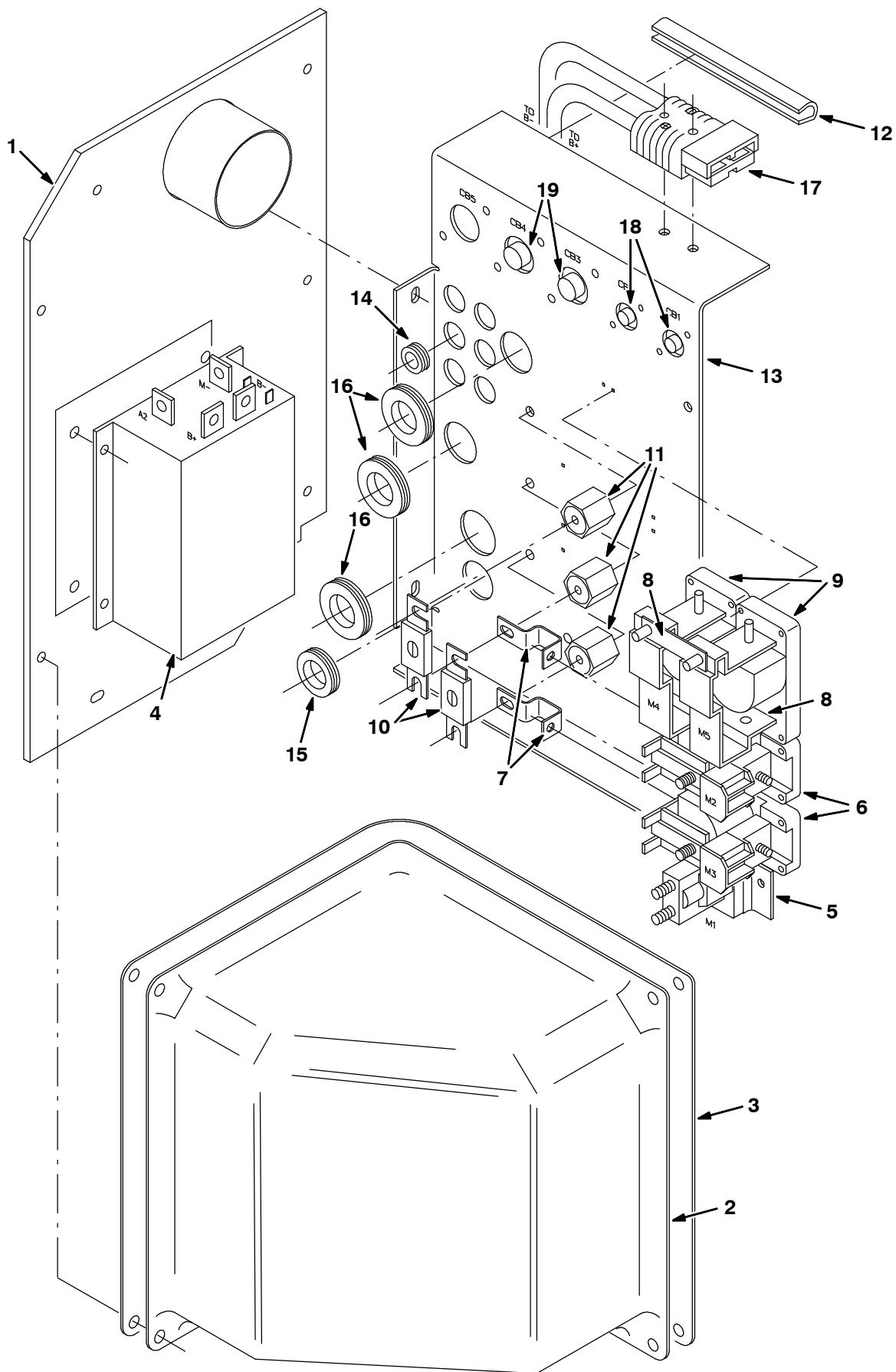
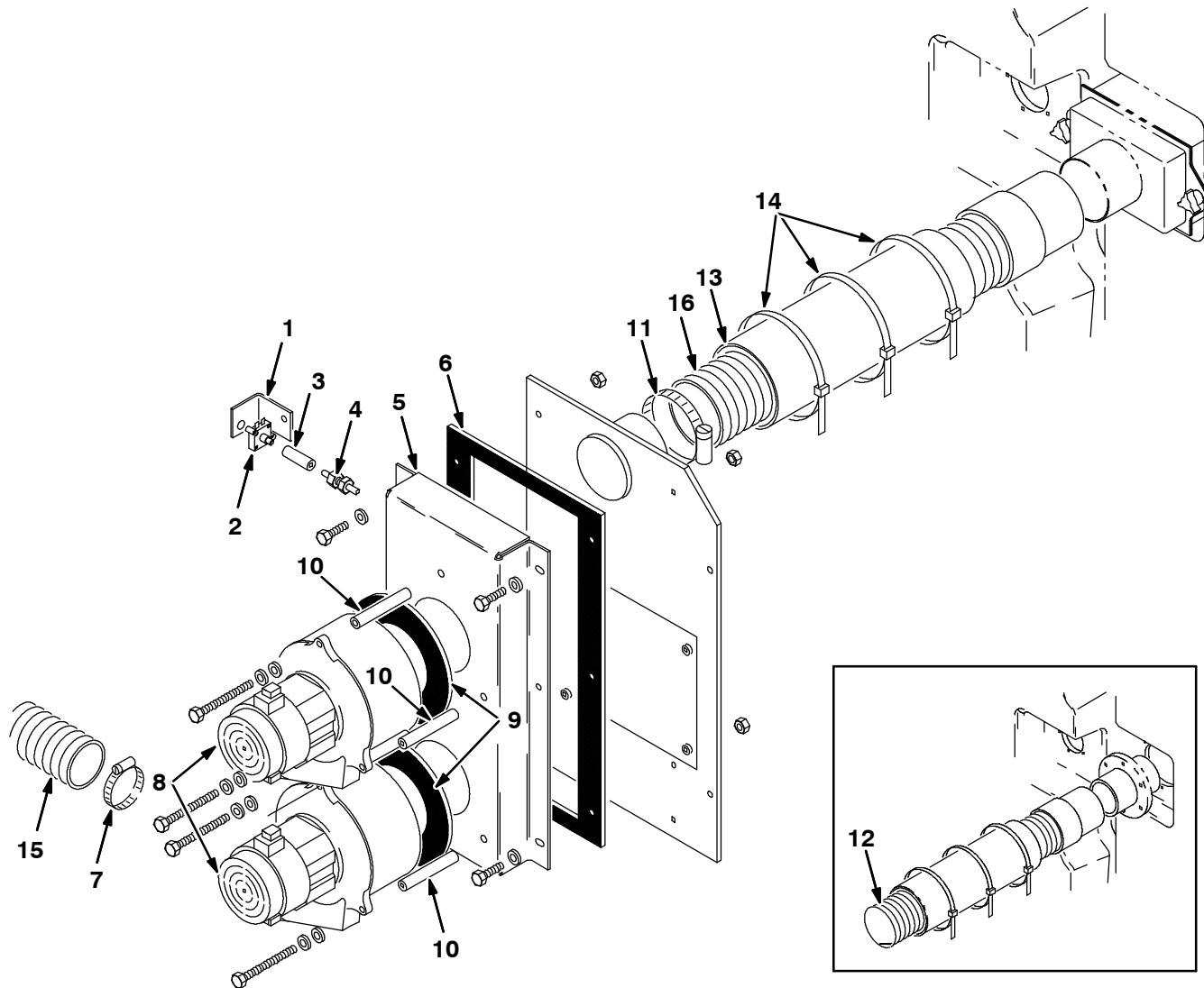


Fig. 45 - Control Box Group

Ref.	Tenant Part No.	Machine Serial Number	Description	Qty.
1	363387	(000000-	) Plate Wldt, Mounting	1
2	15012	(000000-	) Cover Control	1
3	41423	(000000-	) Gasket, Control Cover	1
4	363553	(000000-	) Controller, Motor Speed	1
5	375091	(000000-	) Contactor Spst	1
6	86375	(000000-	) Contactor, 36 Volt/Spno	2
7	87507	(000000-	) Buss Bar, Fuse	2
8	87483	(000000-	) Buss Bar, Relay	2
9	87482	(000000-	) Contactor, 36 Volt/Spdt	2
10	86379	(000000-	) Fuse	2
11	76062	(000000-	) Insulator, Panel & Switchboard	3
12	62595-3	(000000-	) Molding, Trim 11-14Ga 5.75	1
13	363224	(000000-	) Panel, Mounting, Control	1
14	10632-17	(000000-	) Grommet, Rbr,0.50Id,For.12Matl	6
15	10632	(000000-	) Grommet,Rbr,0.88Id,For .14Matl	1
16	10632-1	(000000-	) Grommet,Rbr,1.06Id, For .19 Matl	3
17	362193	(000000-	) Harness, Wire, Controller	1
18	04679	(000000-	) Breaker-Circuit, 20A Resetable	2
19	375118	(000000-	) Breaker-Circuit 40 Resetable	2

## STANDARD PARTS

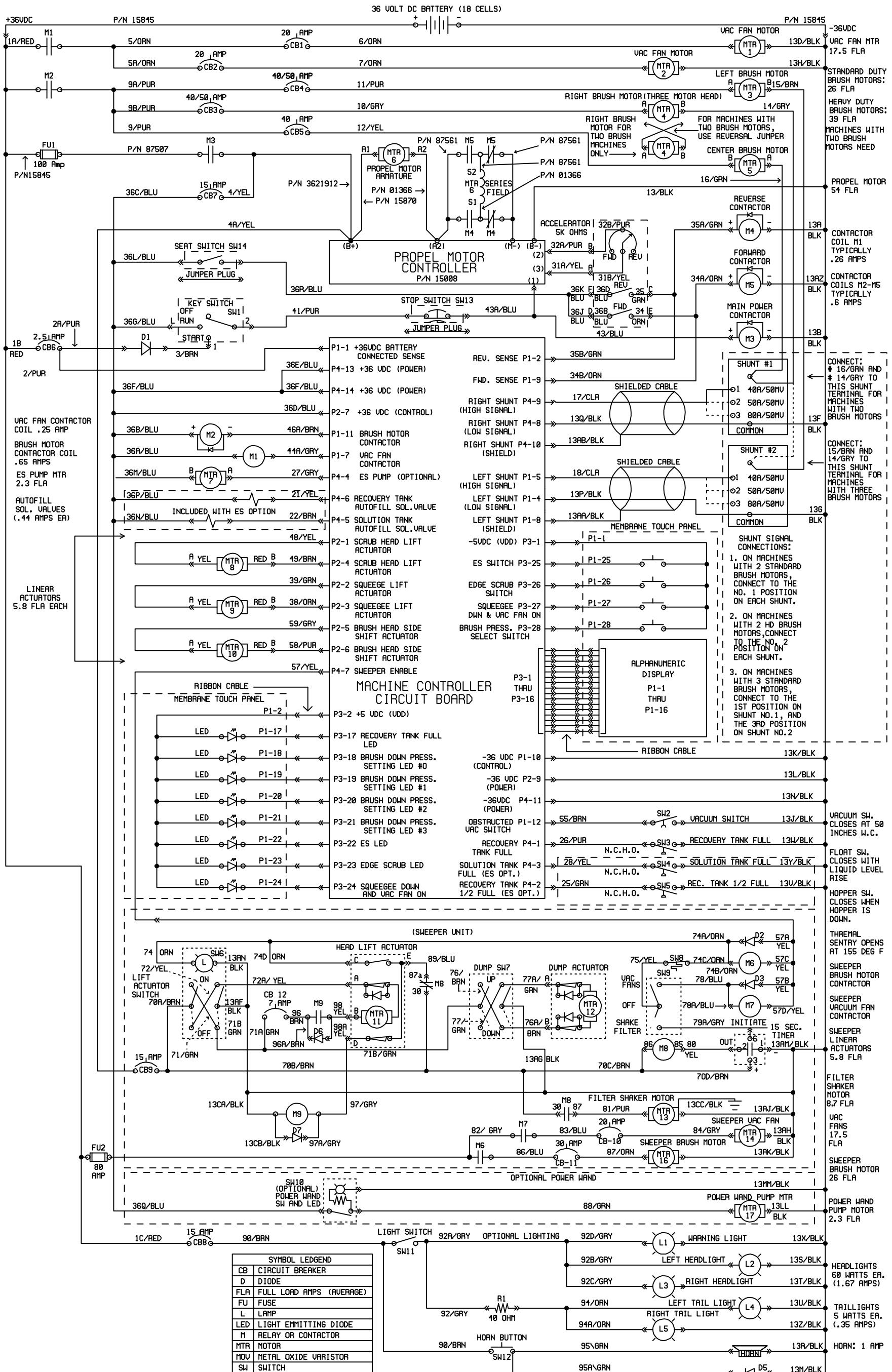
Fig. 46 - Vacuum Fan Group



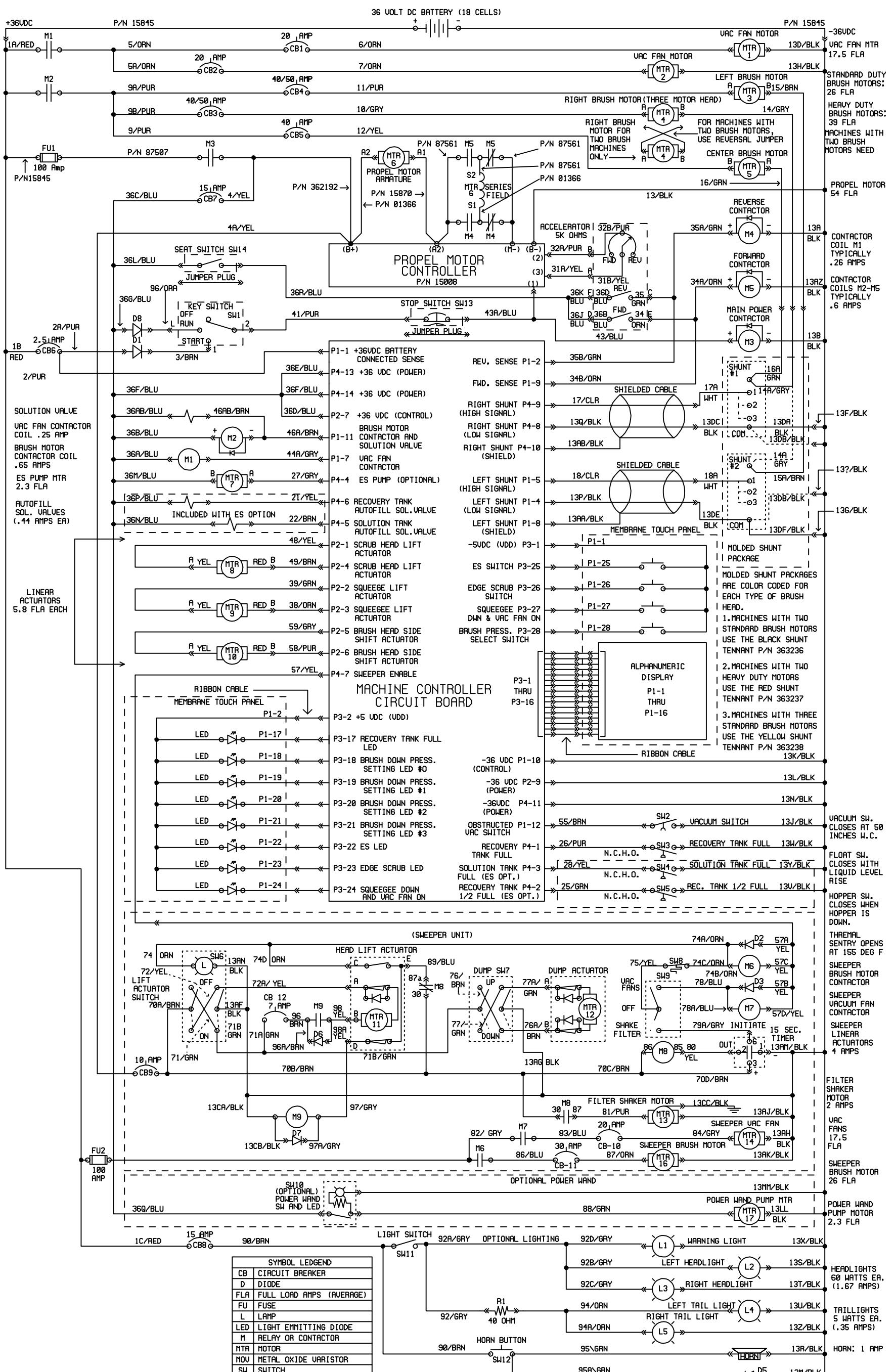
**Fig. 46 – Vacuum Fan Group**

Ref.	Tenant Part No.	Machine Serial Number	Description	Qty.
1	16967	(000000-	) Bracket, Vacuum Switch Mounting	1
2	17129	(000000-	) Switch, Vacuum	1
3	17164	(000000-	) Hose, Vacuum	1
4	39923	(000000-	) Fitting, Bulkhead	1
5	16902	(000000-	) Box, Fan Mounting	1
6	16903	(000000-	) Gasket, Vacuum Fan	1
7	22297	(000000-	) Clamp, Worm Drive	1
8	17363	(000000-	) Fan Assy, Vacuum (See Breakdowns)	2
9	223264	(000000-	) Seal, Vacuum Fan	2
10	18811	(000000-	) Tube	6
11	17188	(000000-	) Clamp, Worm Drive	1
12	16919	(000000-004867	) Hose, Cuff	1
13	75375	(000000-	) Flap, Containment	1
14	44961	(000000-	) Tie, Cable	3
15	32454	(000000-	) Hose	1
16	370160	(004868-	) Hose,Cuff	1

**Fig. 47 - Electrical Schematic (for machines below serial number 004287)**



**Fig. 48 - Electrical Schematic (for machines serial number 004287 and above)**



## STANDARD PARTS

Fig. 49 - Wire Harness Group

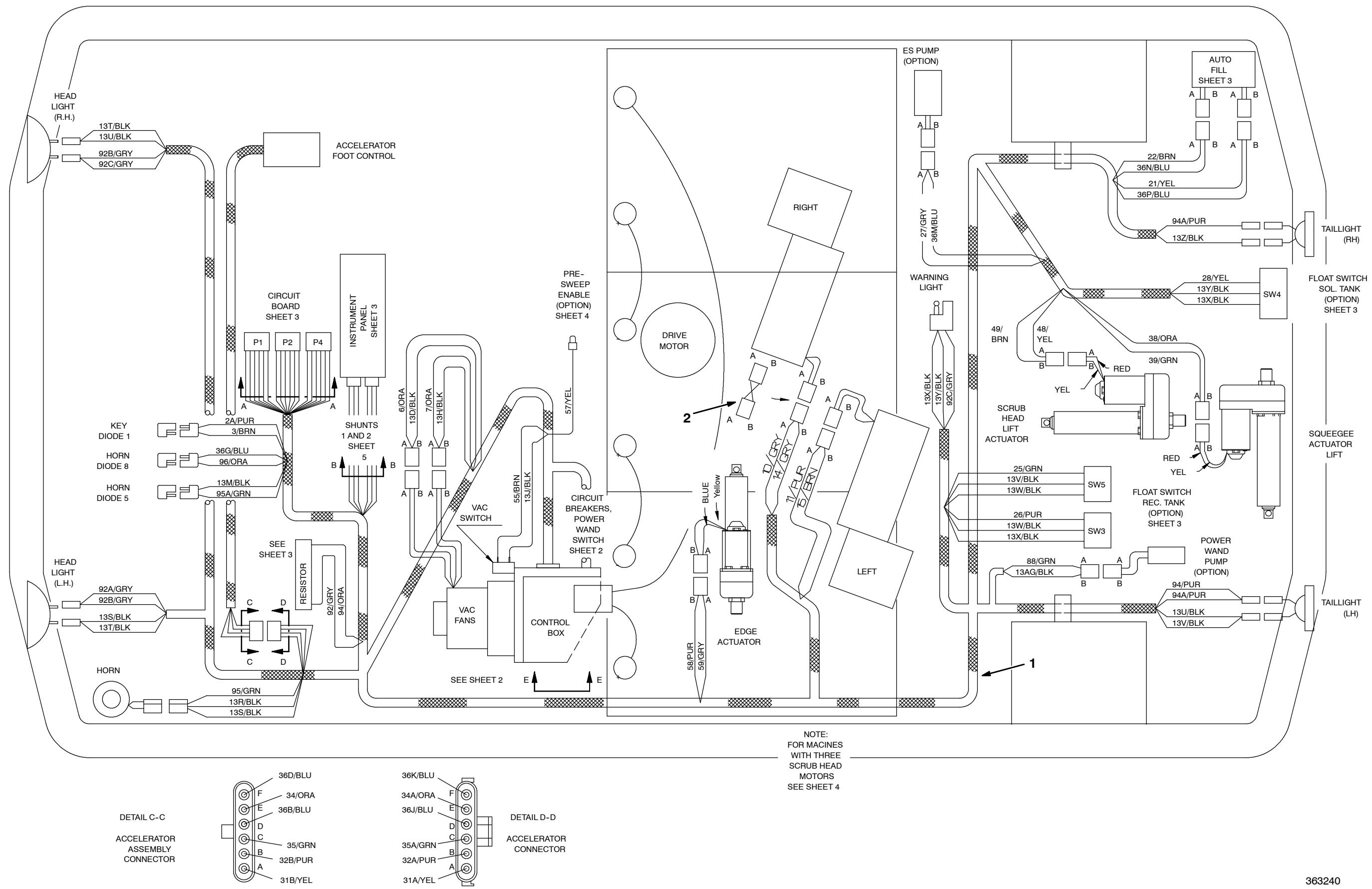
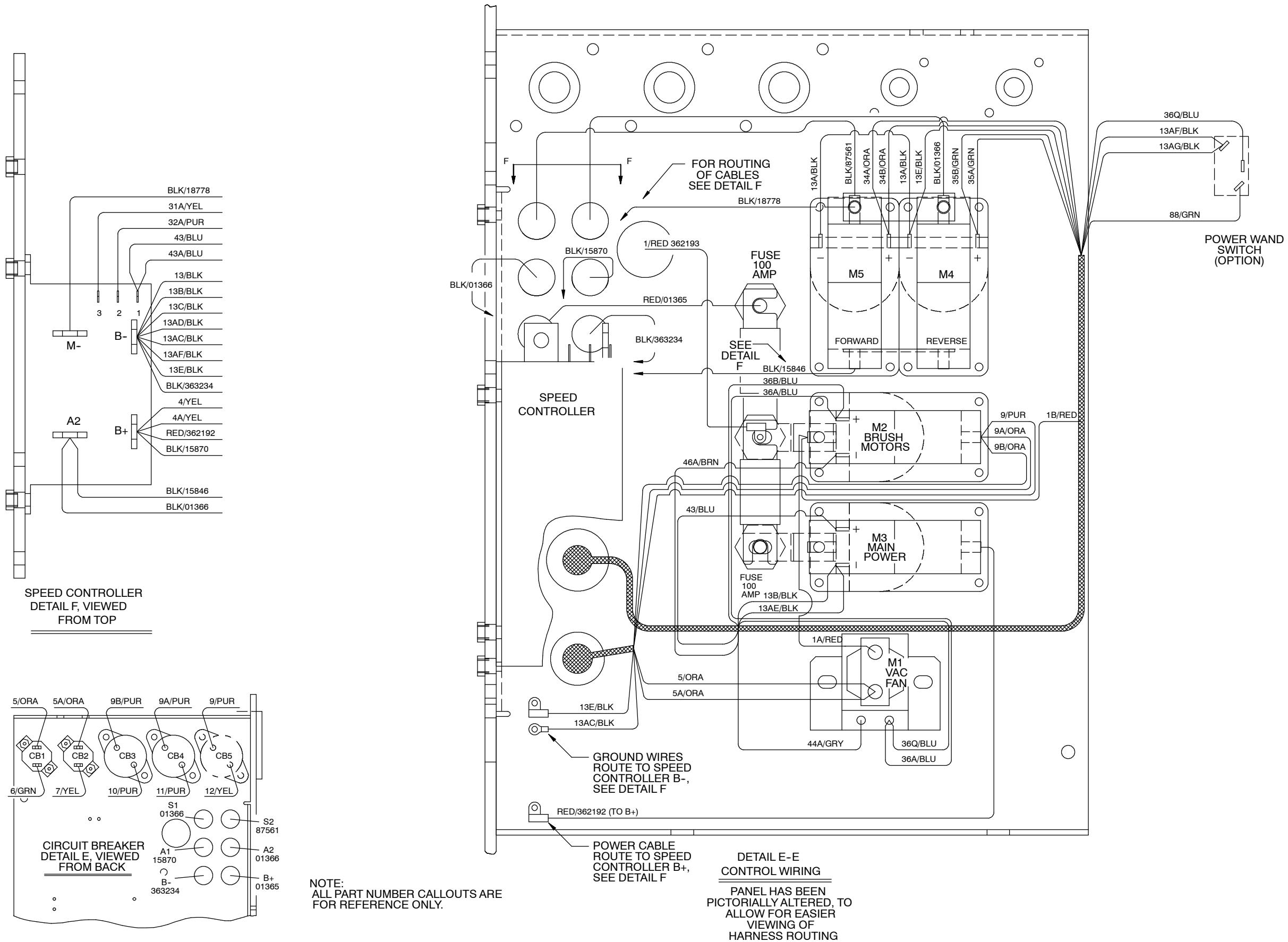


Fig. 49 - Wire Harness Group



## STANDARD PARTS

Fig. 49 - Wire Harness Group

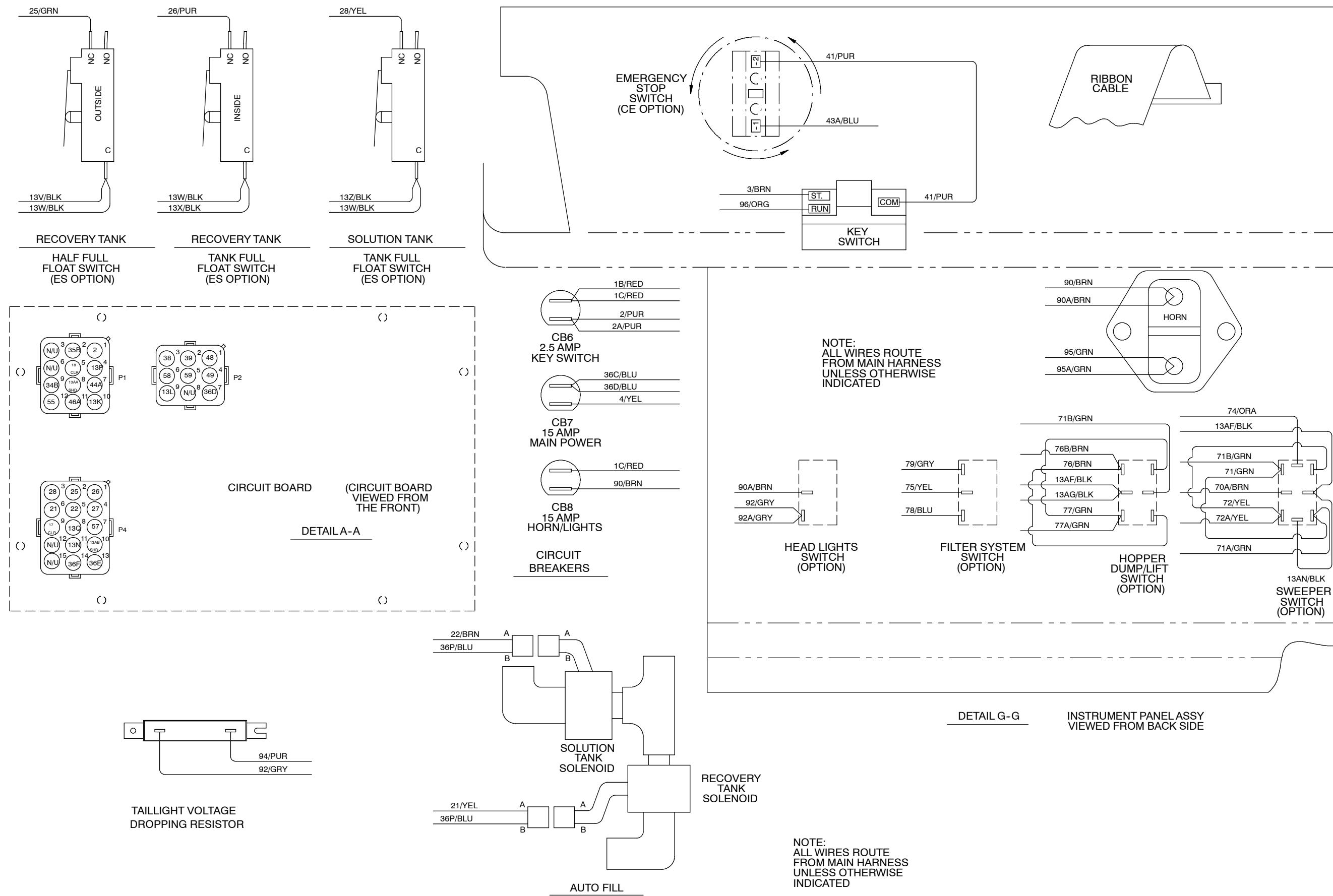
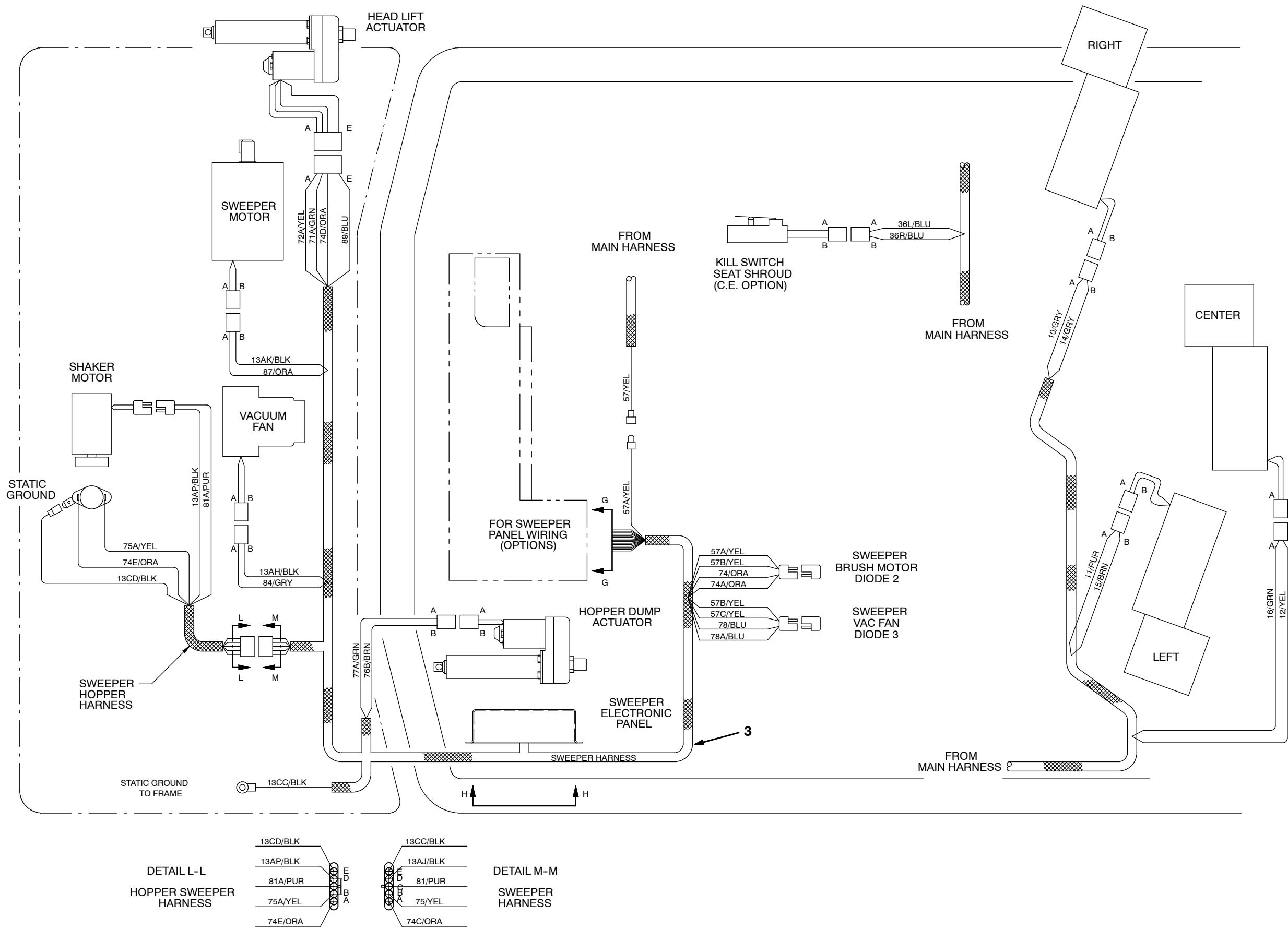


Fig. 49 - Wire Harness Group

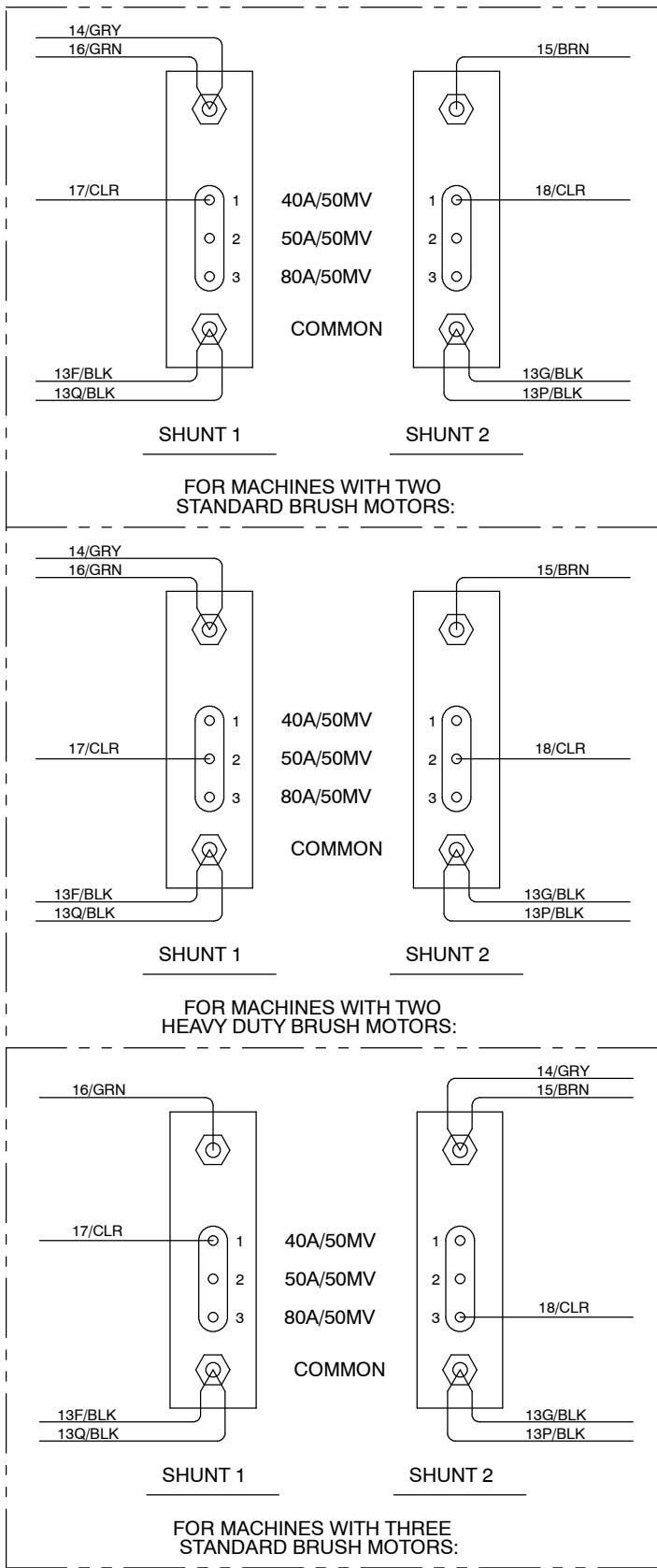


# STANDARD PARTS

**Fig. 49 - Wire Harness**

DETAIL B-B =

SHUNT CONNECTIONS  
FOR BRUSH MOTORS



### HARDWARE FOR LARGE SHUNT HOLES

06944 (4) - SCR HEX M6 X 1.0 25  
19066 (20) - WASHER FLT 10  
07515 (4) - WASHER-LOC INT .25 SS  
41359 (8) - NUT HEX STD M6 X 1.0

### HARDWARE FOR SMALL SHUNT HOLES

09146 (2) - SCR PAN M3 X .05 12  
01757 (4) - WASHER-LOC INT M3 SS  
01754 (4) - NUT HEX STD M3 X .05  
41578 (4) - WASHER FLT #06 SS

### NOTE:

FOR CORRECT ELECTRICAL CONTINUITY OF THE 13/BLK CONNECTIONS TO THE SHUNTS, MAKE SURE THAT POWER LEAD TERMINALS (LARGE GAUGE WIRE) BE POSITIONED FIRST AGAINST THE SHUNT SURFACE, THEN PLACEMENT OF THE 13/BLK SIGNAL LEAD (SMALLER GAUGE WIRE) IS DIRECTLY AFTER, FOLLOWED BY THE APPROPRIATE HARDWARE.

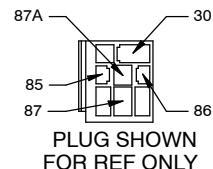
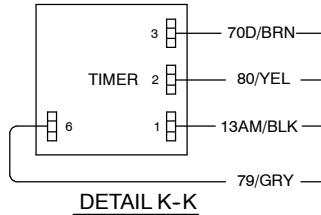
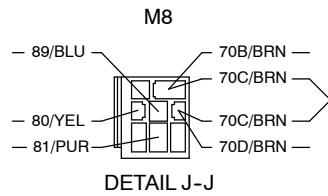
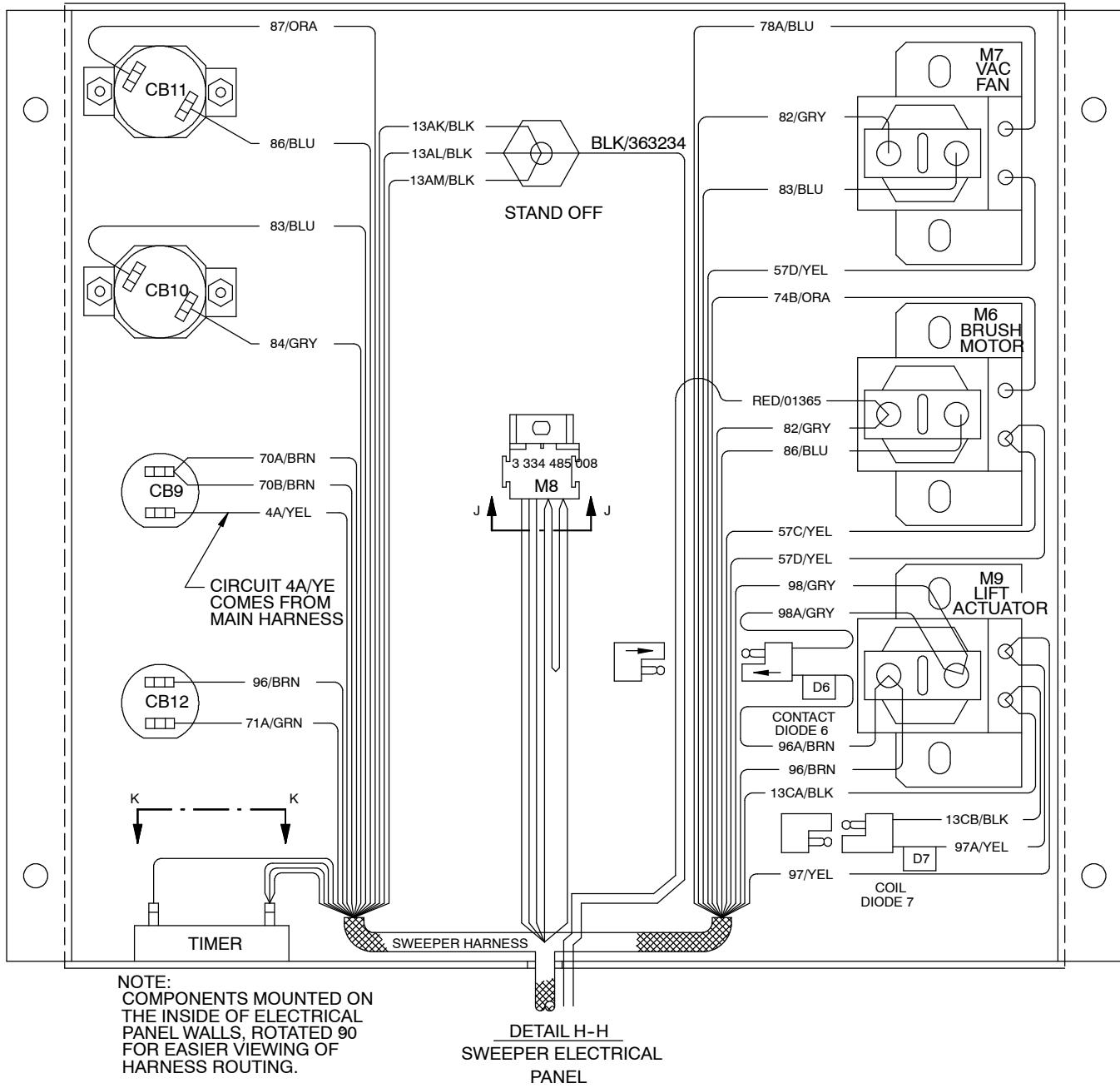


Fig. 49 - Wire Harness

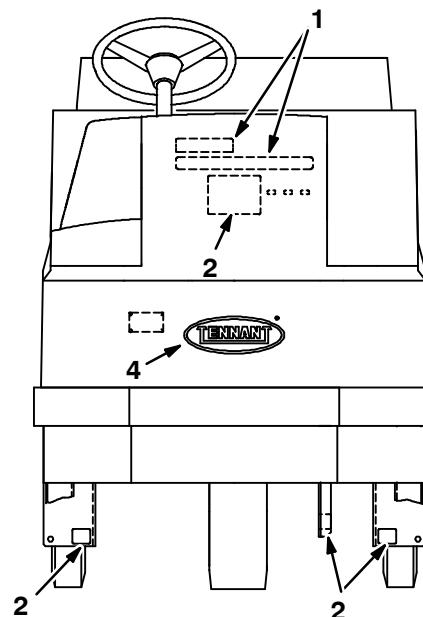
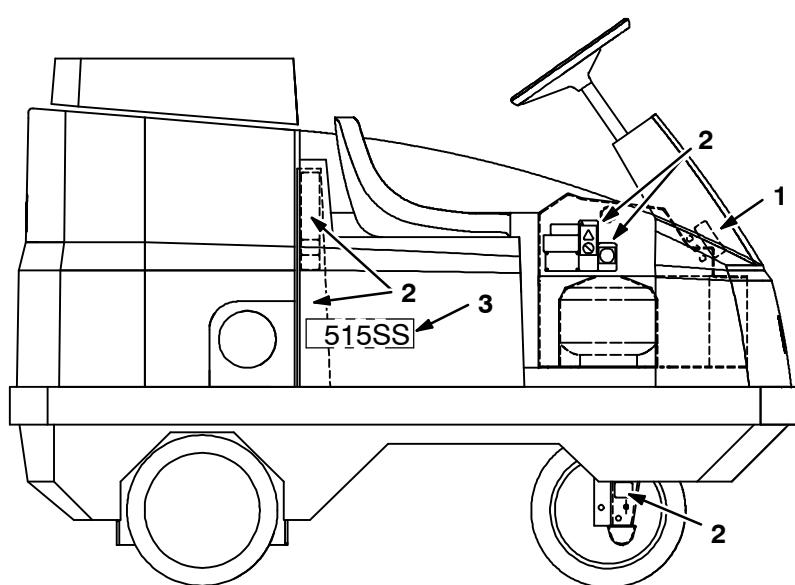
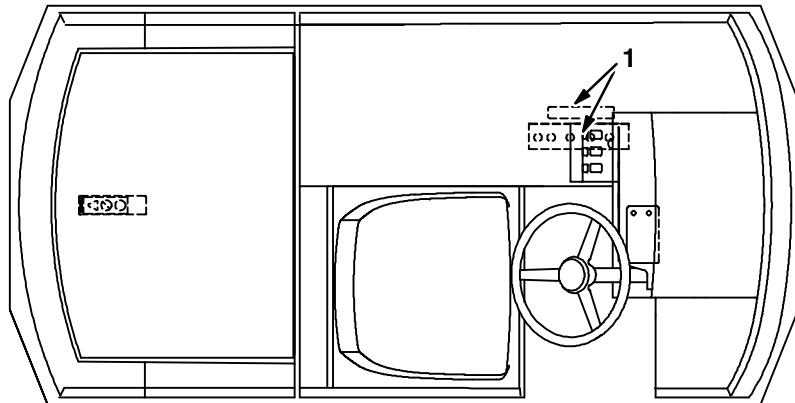


10703-10704

Ref.	Tenant Part No.	Machine Serial Number	Description	Qty.
1	362101	(000000-004286 )	Harness, Main, Wire	1
1	363524	(004287- )	Harness, Main, Wire	1
2	363468	(000000- )	Wire Assy, Jumper, Reverse	1
3	363226	(000000-004286 )	Harness, Wire, Sweeper	1
3	363228	(004287- )	Harness, Wire, Sweeper	1
	363539	(000000- )	Harness, Water Valve	1

## STANDARD PARTS

**Fig. 50 - Label Group**



10706-10707

Ref.	Tennant Part No.	Machine Serial Number	Description	Qty.
1	363363	(000000-	) Label Set, Operational	1
2	363364	(000000-	) Label Set, Info & Hazard	1
3	363362	(000000-	) Label, Side 515SS	1
4	17200	(000000-	) Tenant Logo-10.0 Blue	1

# SECTION 3

## CONTENTS

	PAGE
Fig. 1 - Extended Scrub Group .....	3-2
Fig. 2 - Side Squeegee Vac Hose Group .....	3-4
Fig. 3 - Auto Water Valve Group .....	3-5
Fig. 4 - Light Kit .....	3-6
Fig. 5 - Revolving Light Kit, Lintel .....	3-8
Fig. 6 - Revolving Light Kit, Overhead Guard .....	3-10
Fig. 7 - Overhead Guard Kit .....	3-12
Fig. 8 - Heavy Duty Bumper Kit .....	3-13
Fig. 9 - Suspension Slide Seat Kit .....	3-14
Fig. 10 - Vacuum Wand Kit .....	3-15
Fig. 11 - Seat Support Group, Heavy Duty Battery .....	3-16
Fig. 12 - Heavy Duty Motor Kit for Max Prot 1000 Two-Brush System .....	3-18
Fig. 13 - Transport Kit .....	3-20
Fig. 14 - Grooved Tire Assembly .....	3-22
Fig. 15 - Non-Mark, Non-Skid Tires .....	3-23
Fig. 16 - Battery Group .....	3-24
Fig. 17 - Battery Kit, 420 A/h, Wet .....	3-25
Fig. 18 - Battery Kit, 690 A/h, Wet .....	3-26
Fig. 19 - Battery Kit, 700 A/h, Dry, International Only .....	3-27
Fig. 20 - Battery Charger Group, 380 A/h Batteries, 60Hz .....	3-28
Fig. 21 - Battery Charger Group, 380 A/h Batteries, 50Hz, International Only .....	3-29
Fig. 22 - Battery Charger Group, 420 A/h Batteries, 60Hz .....	3-30
Fig. 23 - Battery Charger Group, 420 A/h Batteries, 50Hz, International Only .....	3-31
Fig. 24 - Battery Charger Group, 690 A/h Batteries, 60Hz .....	3-32
Fig. 25 - Battery Charger Group, 630 A/h Batteries, 50Hz, International Only .....	3-33
Fig. 26 - Positive Solution Control Drain Kit, Std .....	3-34
Fig. 27 - Positive Solution Control Drain Kit, ES™ .....	3-35
Fig. 28 - Power Wand Mount and Pump Group .....	3-36
Fig. 29 - Power Wand Assembly .....	3-38
Fig. 30 - Power Wand Hose Assembly .....	3-40
Fig. 31 - Wet Vac Filter Kit .....	3-41
Fig. 32 - Front Squeegee Blade Group, Tile .....	3-42
Fig. 33 - Fire Extinguisher Kit .....	3-43
Fig. 34 - Documentation Group .....	3-44

## OPTIONS

Fig. 1 - Extended Scrub Group

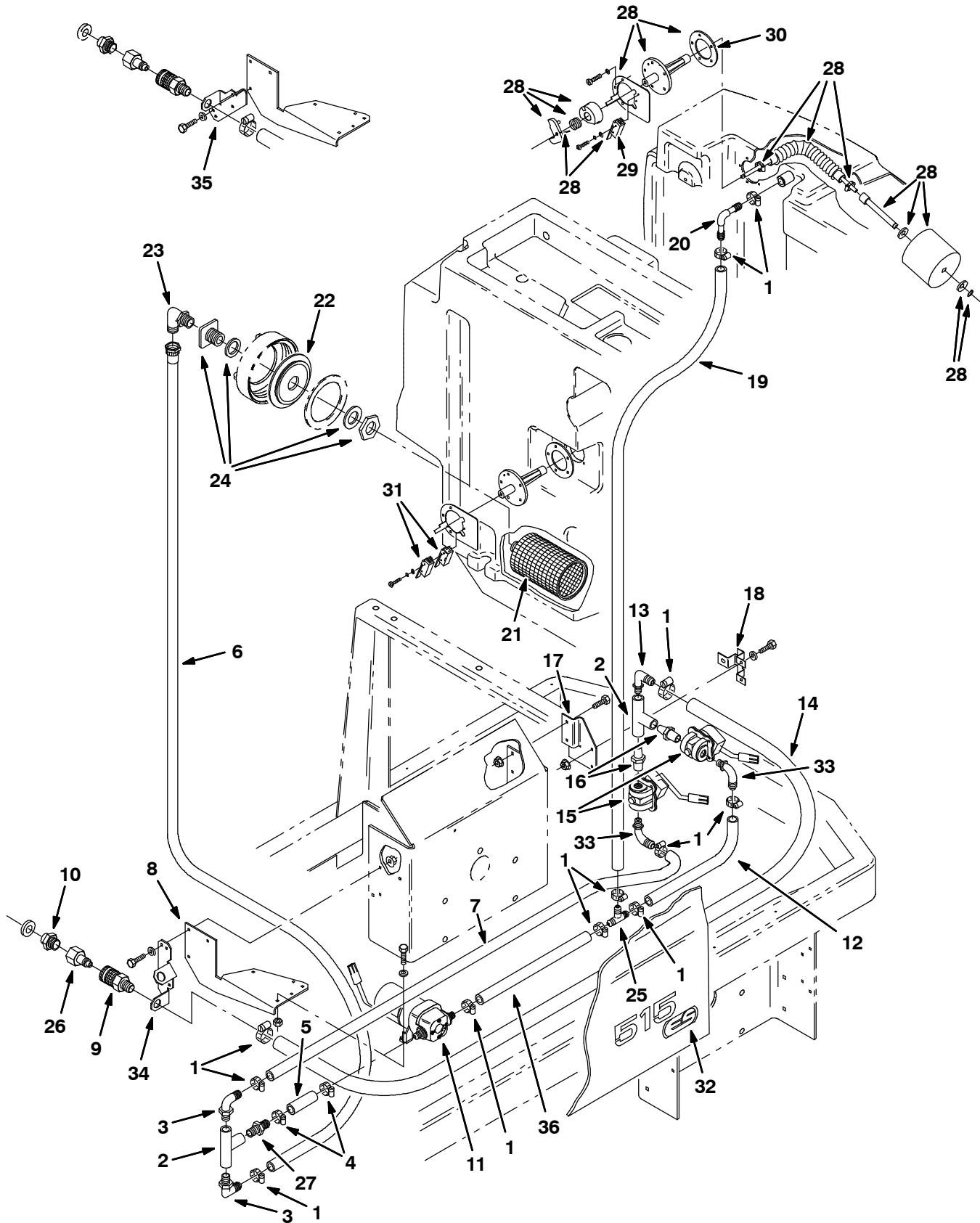
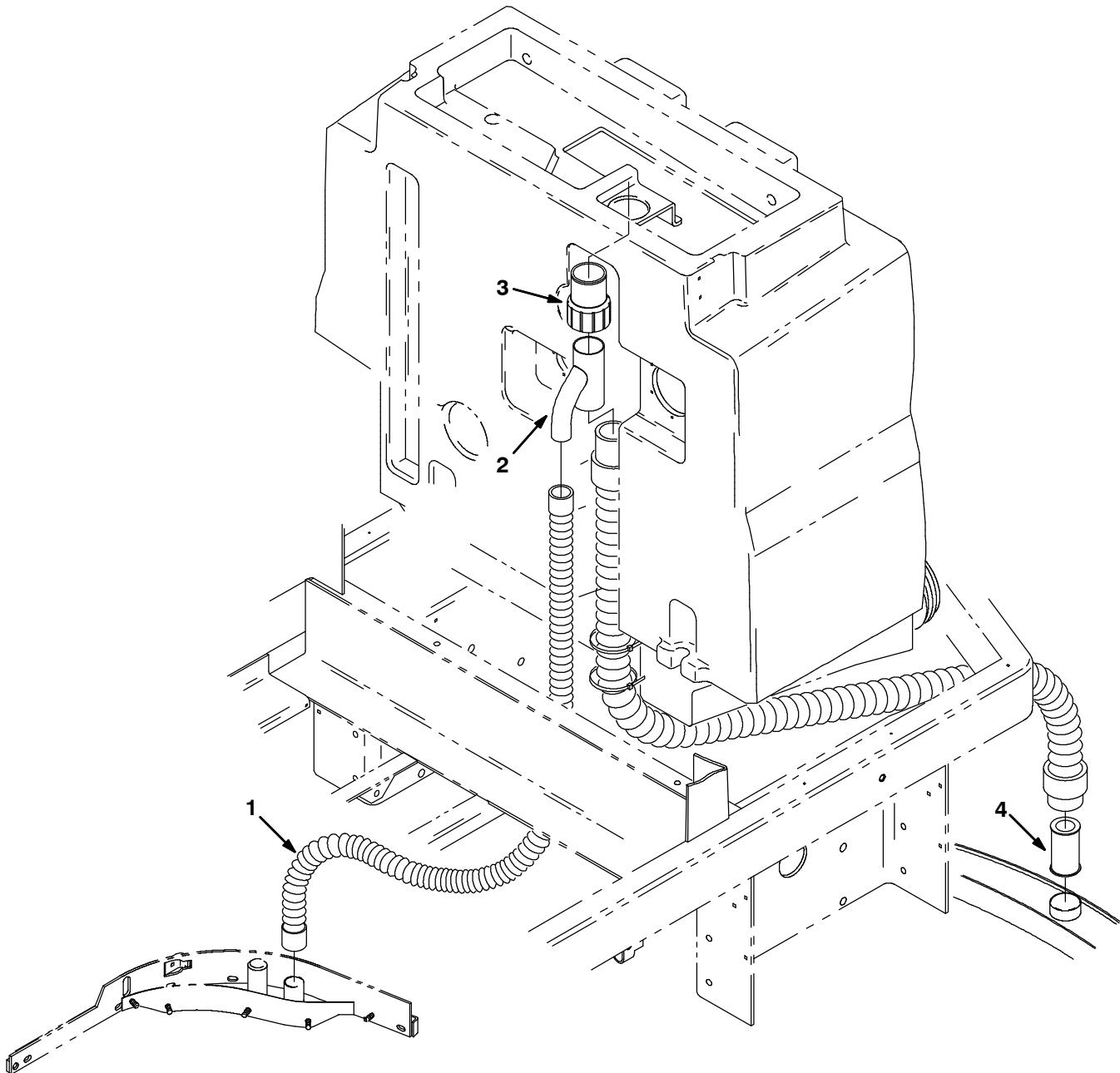


Fig. 1 - Extended Scrub Group

Ref.	Tenant Part No.	Machine Serial Number	Description	Qty.
1	86824	(000000-	) Clamp, Worm Drive	12
2	79497	(000000-	) Fitting, Plastic Tee	2
3	47701	(000000-	) Fitting, Barbed Elbow	2
4	11399	(000000-	) Clamp, Worm Drive	2
5	16910	(000000-	) Hose, Clear Vinyl	1
6	375022	(000000-	) Hose, Vinyl	1
7	41427	(000000-	) Hose, Clear Vinyl	1
8	363312	(000000-	) Plate, Pump Mounting	1
9	24105	(000000-	) Fitting, Quick-disconnect, Female	1
10	33295	(000000-	) Fitting, Quick-disconnect, Male	1
11	17333	(000000-	) Pump Assembly (See Breakdowns)	1
12	41435	(000000-	) Hose, Clear Vinyl, .63IdX11.00Lg	1
13	48697	(000000-	) Fitting, Barbed Elbow Brass 3/4 Hose	1
14	73476	(000000-	) Hose, Clear Vinyl, .75IdX30.00 Lg	1
15	41410	(000000-	) Valve, Solenoid	2
16	11442-3	(000000-	) Fitting, Nipple Blk 1/2NPT	2
17	15838	(000000-	) Plate, Bent	1
18	15965	(000000-	) Plate, Bent	1
19	16911	(000000-	) Hose, Clear Vinyl	1
20	45486	(000000-	) Fitting, Barbed Elbow	1
21	370101	(000000-	) Screen, Solution 35 Mesh 10.5 Lg	1
22	15987	(000000-	) Cover, Lid	1
23	17118	(000000-	) Fitting, Elbow	1
24	370112	(000000-	) Fitting, Straight	1
25	16356	(000000-	) Fitting, Tee	1
26	33294	(000000-	) Fitting, Brass	1
27	41440	(000000-	) Fitting, Straight	1
▼	28	24301	(000000-) Level Sensing Kit, ES™	1
▲	29	41407	(000000-) Switch, 15Amp	1
▲	30	86591	(000000-) Gasket	1
31	44847	(000000-	) Switch, 15 A mp	2
32	14715	(000000-	) Label, ES™ Logo	2
33	30268	(000000-	) Fitting, Brass 5/8 Hose	2
34	363470	(000000-	) Bracket, Hose Fitting, Max Pro™ 1000	1
35	363470	(000000-	) Bracket, Hose Fitting, Max Pro™ 1200	1
36	363462	(000000-	) Hose, Clear Vinyl, .62IdX7.00Lg	1

## OPTIONS

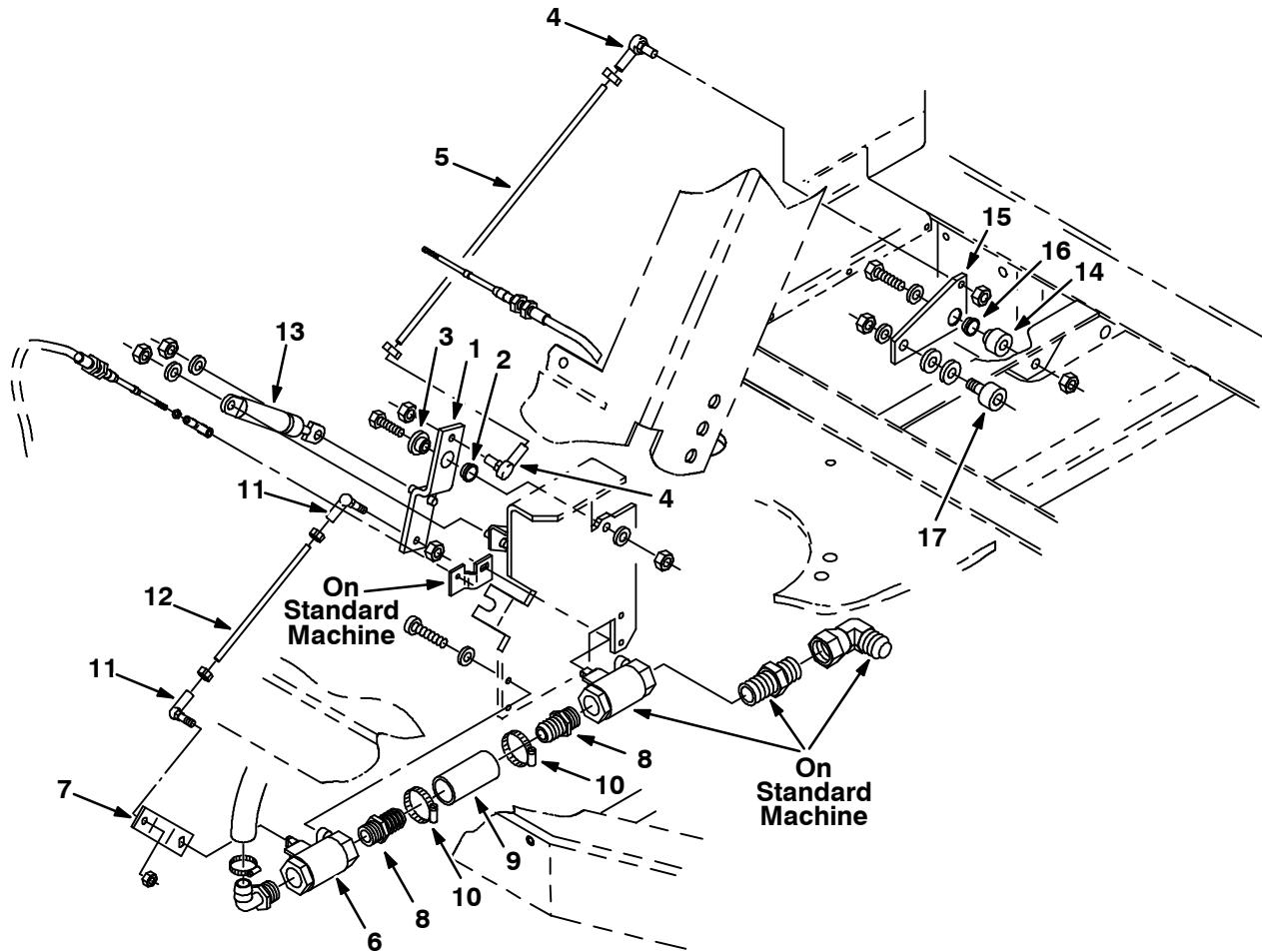
**Fig. 2 - Side Squeegee Vac Hose Group**



10666-10667

Ref.	Tenant Part No.	Machine Serial Number	Description	Qty.
1	363401	(000000-	Hose, Vacuum	1
2	363311	(000000-	) Tube, Wye, Round, 2X2X1	1
3	363233	(000000-	) Cuff, Vac	1
4	363232	(000000-	) Restrictor	1

Fig. 3 - Auto Water Valve Group



06068-06068

Ref.	Tenant Part No.	Machine Serial Number	Description	Qty.
1	15079	(000000-004385 )	Lever, Idler	1
2	04843	(000000-004385 )	Bearing, Flange	1
3	14818	(000000-004385 )	Sleeve, Pivot	1
4	50541-1	(000000-004385 )	End, Rod	2
5	15082	(000000-004385 )	Rod, Threaded	1
6	12060	(000000-004385 )	Valve, Water	1
7	15054	(000000-004385 )	Lever, Valve, Front	1
8	79273-2	(000000-004385 )	Fitting, Barbed Coupling	2
9	14734	(000000-004385 )	Hose, Clear Vinyl	1
10	86824	(000000-004385 )	Clamp, Worm Drive	2
11	12263	(000000-004385 )	Balljoint	2
12	14849	(000000-004385 )	Rod, Threaded	1
13	65577	(000000-004385 )	Spring, Gas	1
14	15511	(000000-004385 )	Boss, Bellcrank Pivot	1
15	15510	(000000-004385 )	Bellcrank, Water Shutoff	1
16	04843	(000000-004385 )	Bearing, Flange	1
17	48930	(000000-004385 )	Cam, Follower	1

**Fig. 4 - Light Kit**

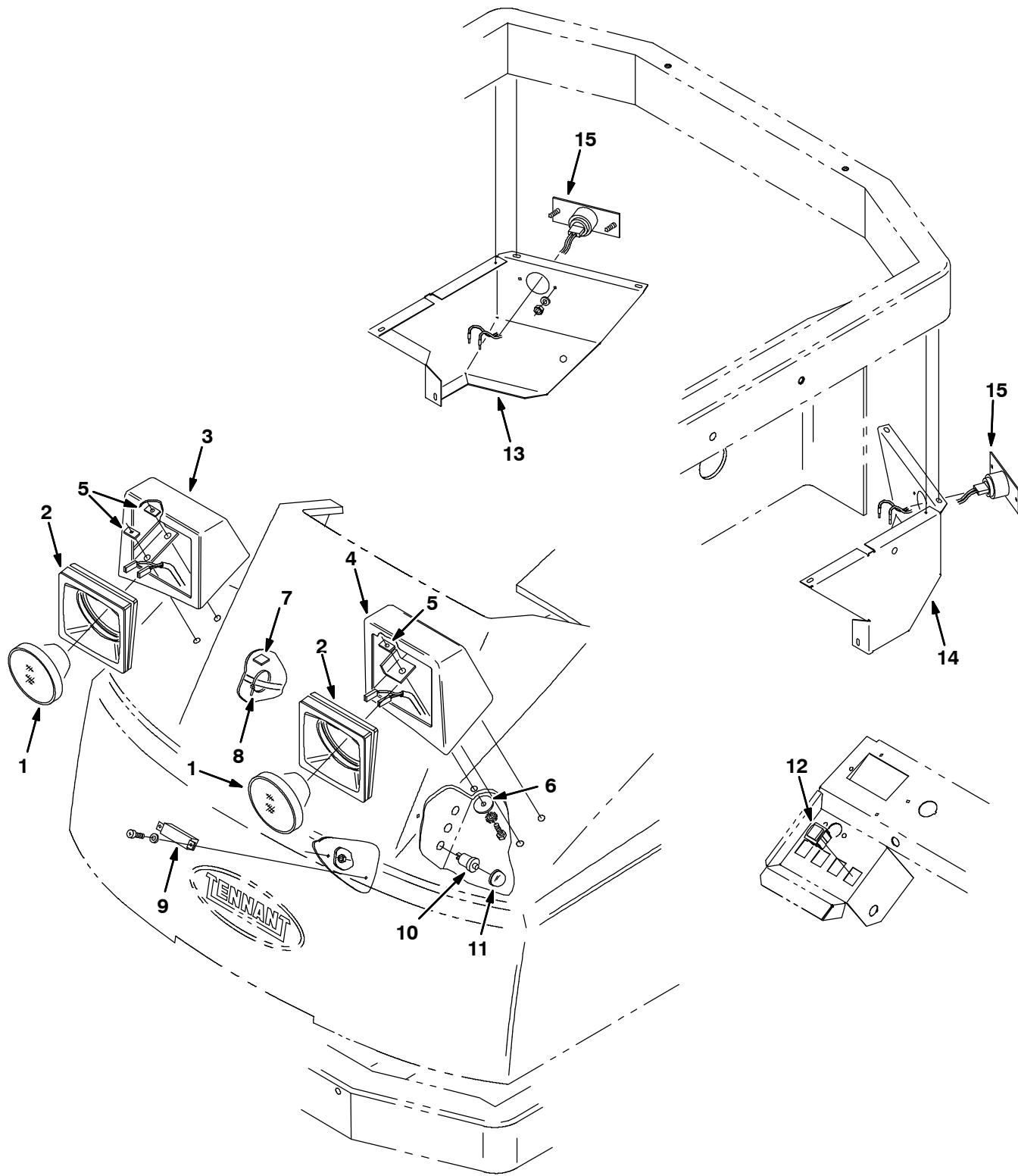


Fig. 4 - Light Kit

Ref.	Tenant Part No.	Machine Serial Number	Description	Qty.
▼	363244	(000000-	) Light Kit, Hd & Tail	1
▲ 1	45391	(000000-	) Light Head Rnd 36V 1.7A#4350	2
▲ 2	87460	(000000-	) Mount, Headlight	2
▲ 3	41442	(000000-	) Housing Headlight Rh	1
▲ 4	41443	(000000-	) Housing Headlight Lh	1
▲ 5	12271	(000000-	) U-Nut M 6X1.0 Pltd	6
▲ 6	41178	(000000-	) Washer-Flt .25 Fender Pltd	6
▲ 7	55248	(000000-	) Cabletie Mount, Adhesive	4
▲ 8	49266	(000000-	) Tie, Cable 1.75D Max 7.50Lg	4
▲ 9	87349	(000000-	) Resistor, 40.00Ohms-40.00Watt	1
▲ 10	57803	(000000-	) Breaker-Circuit, 15A Resetable	1
▲ 11	57751	(000000-	) Boot,Circuit Breaker	1
▲ 12	360521	(000000-	) Switch, Rocker, Spdt, 2 Pos	1
▲ 13	15991	(000000-	) Skirt Frame Rh Rear	1
▲ 14	16893	(000000-	) Skirt Frame Lh Rear	1
▲▼ 15	87346	(000000-	) Light Assy Tail	2
▲▲	87948	(000000-	) Bulb, 12V .27A 2Cp #194	1
▲▲	87949	(000000-	) Socket Assy	1

## OPTIONS

Fig. 5 - Revolving Light Kit, Lintel

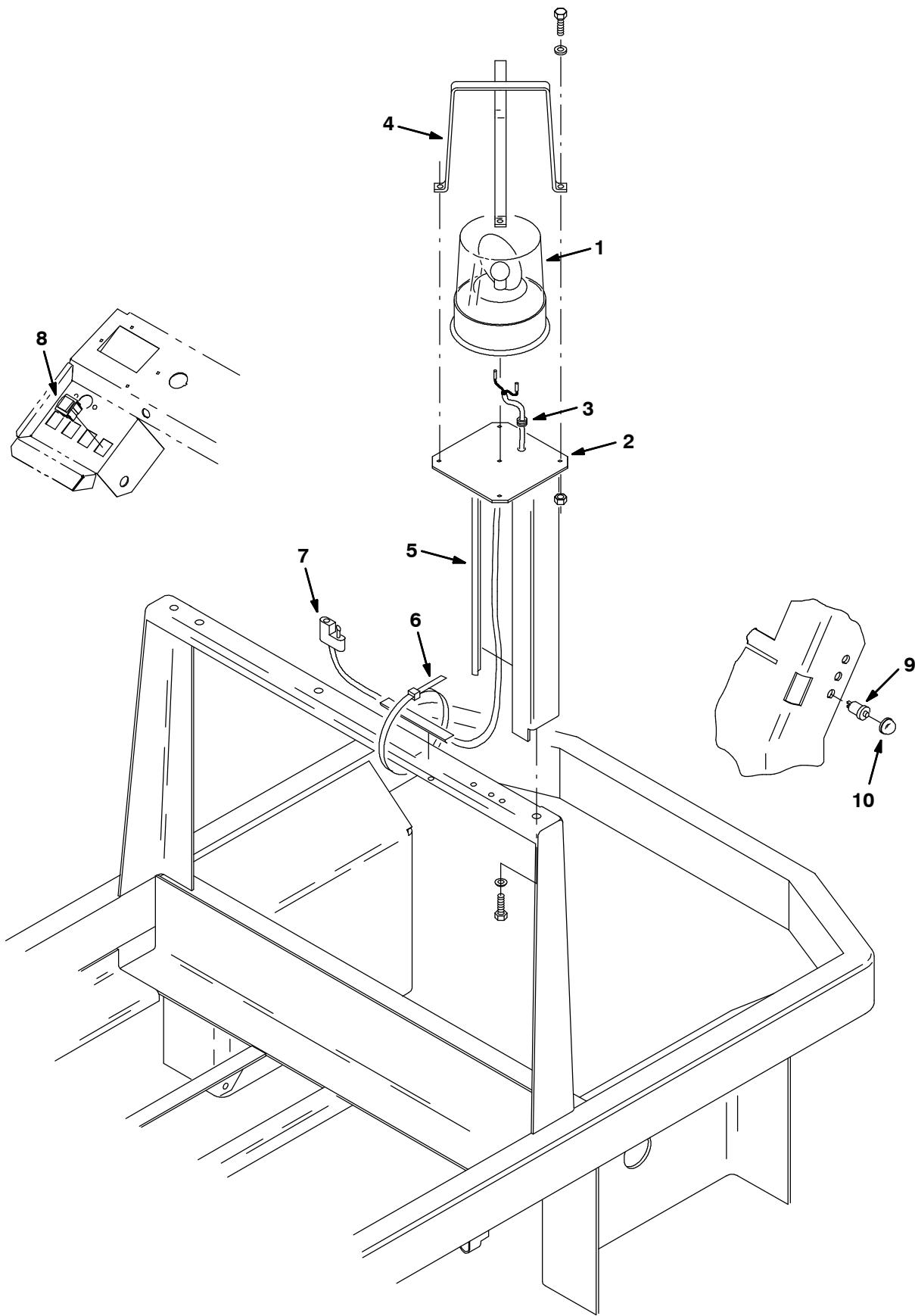


Fig. 5 - Revolving Light Kit, Lintel

Ref.	Tenant Part No.	Machine Serial Number	Description	Qty.
▽	363451	(000000-	) Light Kit Revolving Lintel	1
▲▽ 1	87709	(000000-	) Light, Rev. Amber 36V-Rework	1
▲▲	44681-1	(000000-	) Lens,Rev.Light,Amber	1
▲▲	45283	(000000-	) Bulb, 40V .9A 50Cp #1062	1
▲ 2	14807	(000000-	) Bracket Light	1
▲ 3	10632-11	(000000-	) Grommet,Rbr,0.38Id,For .19Matl	1
▲ 4	45272	(000000-	) Guard Wldt, Lights, Revl&Flsh	1
▲ 5	369817	(000000-	) Duct, Vinyl,.40X .75X48.0 25D	1
▲ 6	49266	(000000-	) Tie, Cable 1.75D Max 7.50Lg	3
▲ 7	87649	(000000-	) Wire Harness Warning Light	1
▲ 8	360521	(000000-	) Switch, Rocker, Spdt, 2 Pos	1
▲ 9	57803	(000000-	) Breaker-Circuit, 15A Resetable	1
▲ 10	57751	(000000-	) Boot,Circuit Breaker	1
	44681	(000000-	) Lens,Rev.Light,Red	1
	44681-2	(000000-	) Lens,Rev.Light,Blue	1

## OPTIONS

Fig. 6 - Revolving Light Kit, Overhead Guard

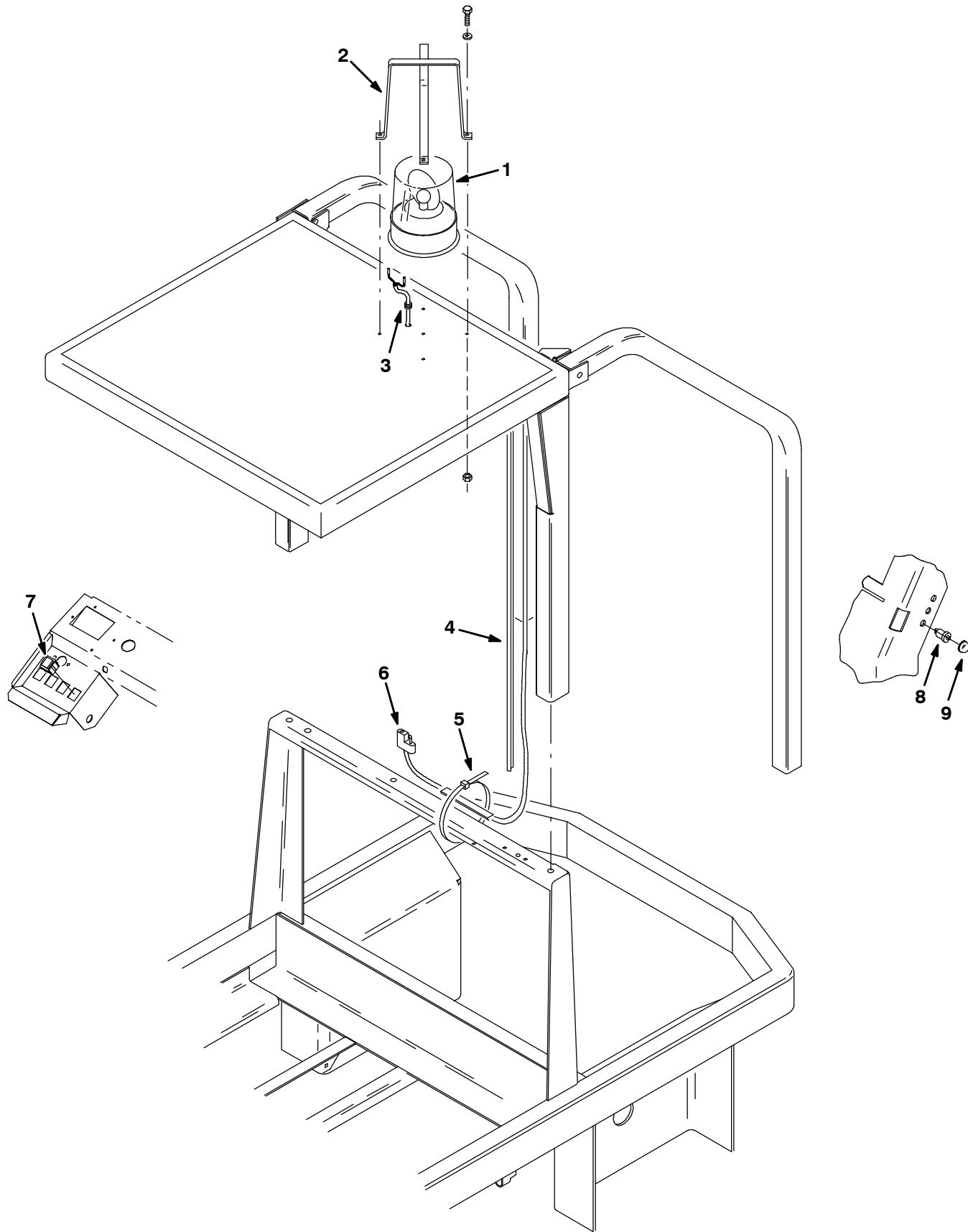
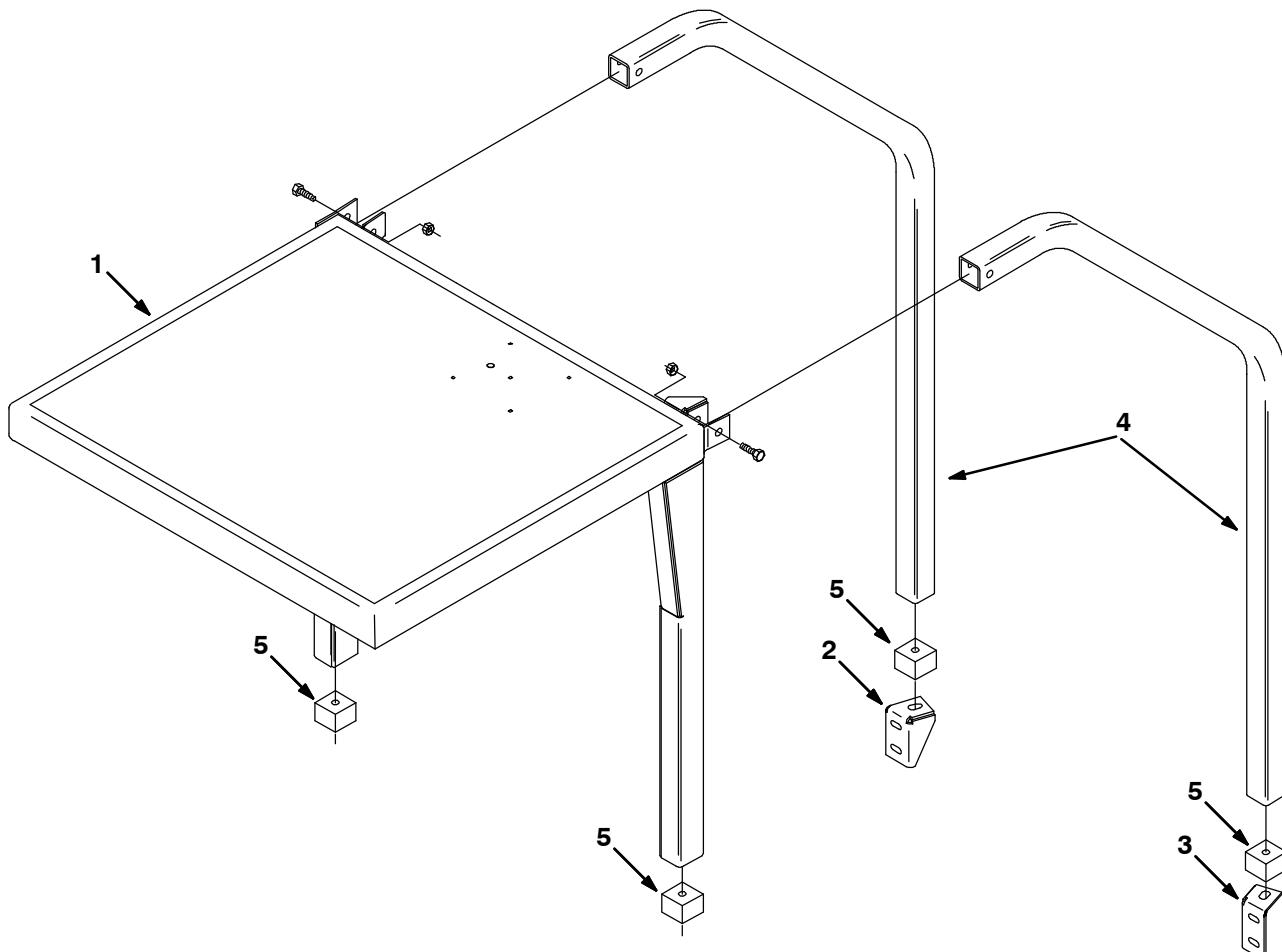


Fig. 6 - Revolving Light Kit, Overhead Guard

Ref.	Tenant Part No.	Machine Serial Number	Description	Qty.
▽	363452	(000000-	) Light Kit Revl Amb 510E Ohgd	1
▲▽ 1	87709	(000000-	) Light, Rev. Amber 36V-Rework	1
▲▲	44681-1	(000000-	) Lens,Rev.Light,Amber	1
▲▲	45283	(000000-	) Bulb, 40V .9A 50Cp #1062	1
▲ 2	45272	(000000-	) Guard Wldt, Lights, Revl&Flsh	1
▲ 3	10632-12	(000000-	) Grommet,Rbr,0.38Id,For .12Matl	1
▲ 4	369817	(000000-	) Duct, Vinyl,.40X .75X48.0 25D	1
▲ 5	49266	(000000-	) Tie, Cable 1.75D Max 7.50Lg	2
▲ 6	87649	(000000-	) Wire Harness Warning Light	1
▲ 7	360521	(000000-	) Switch, Rocker, Spdt, 2 Pos	1
▲ 8	57803	(000000-	) Breaker-Circuit, 15A Resetable	1
▲ 9	57751	(000000-	) Boot,Circuit Breaker	1
	44681	(000000-	) Lens,Rev.Light,Red	1
	44681-2	(000000-	) Lens,Rev.Light,Blue	1

## OPTIONS

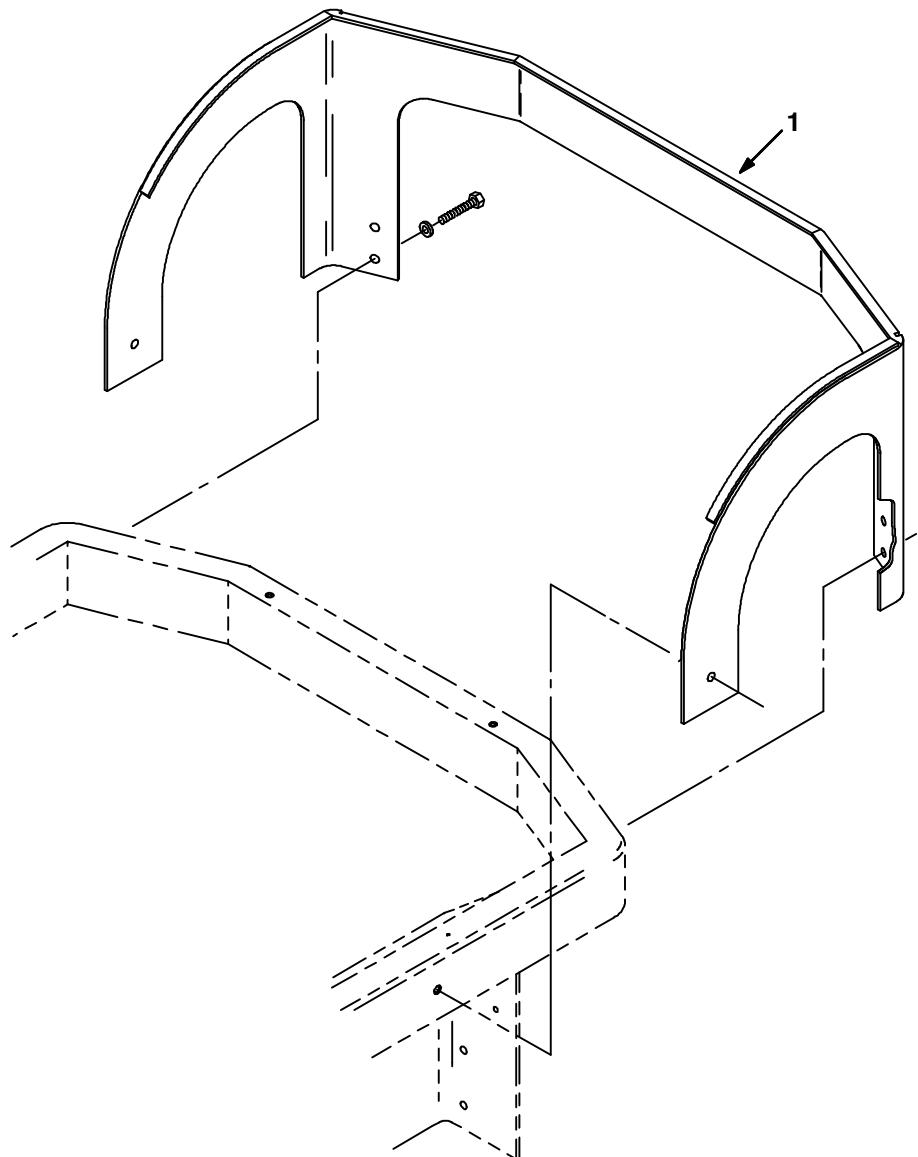
Fig. 7 - Overhead Guard Kit



06066-06066

Ref.	Tenant Part No.	Machine Serial Number	Description	Qty.
▽	14727	(000000-	) Guard Kit, Overhead	1
▲ 1	16880	(000000-	) Guard, Overhead	1
▲ 2	16889	(000000-	) Bracket, Mounting, R.H.	1
▲ 3	16890	(000000-	) Bracket, Mounting, L.H.	1
▲ 4	41316	(000000-	) Leg, Overhead Guard	2
▲ 5	363520	(000000-	) Spacer, Heavy Duty Battery	4

Fig. 8 - Heavy Duty Bumper Kit

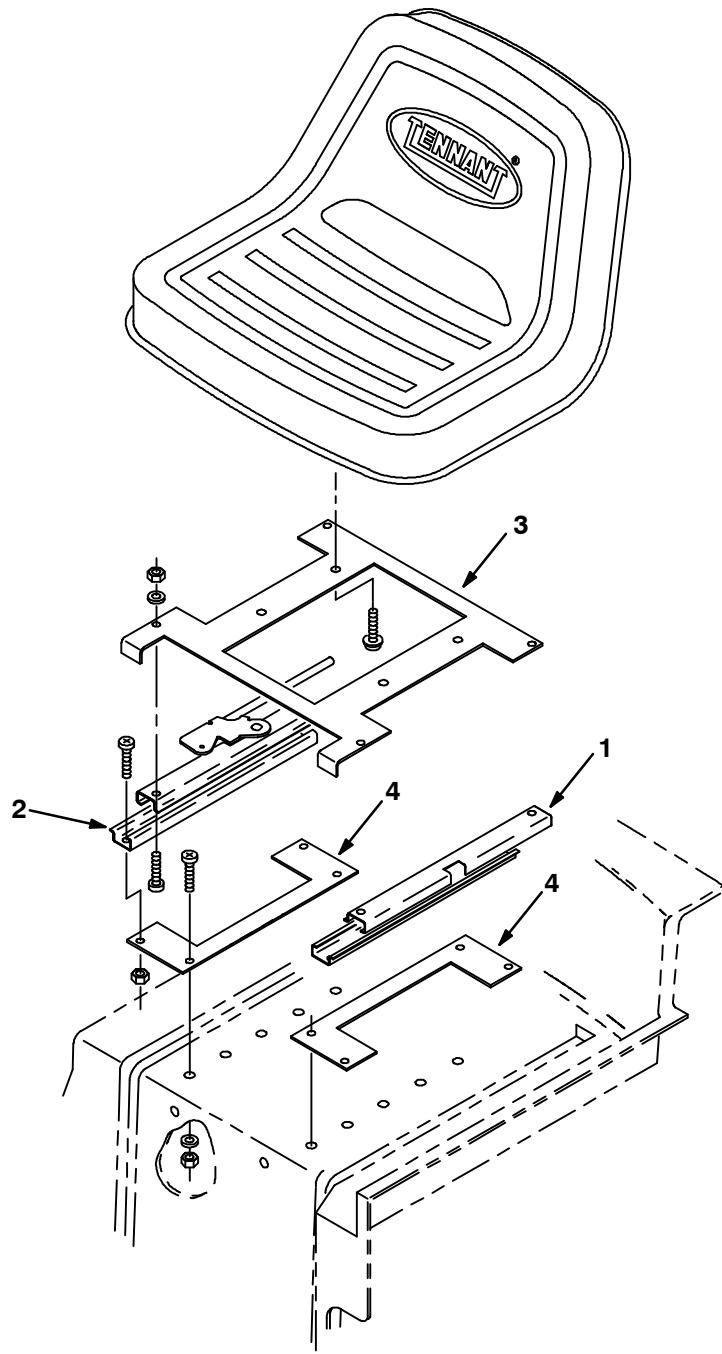


06081-06081

Ref.	Tenant Part No.	Machine Serial Number	Description	Qty.
▽	14820	(000000-	) Bumper Kit, Heavy Duty	1
▲	1 14987	(000000-	) Bumper, Heavy Duty	1

## OPTIONS

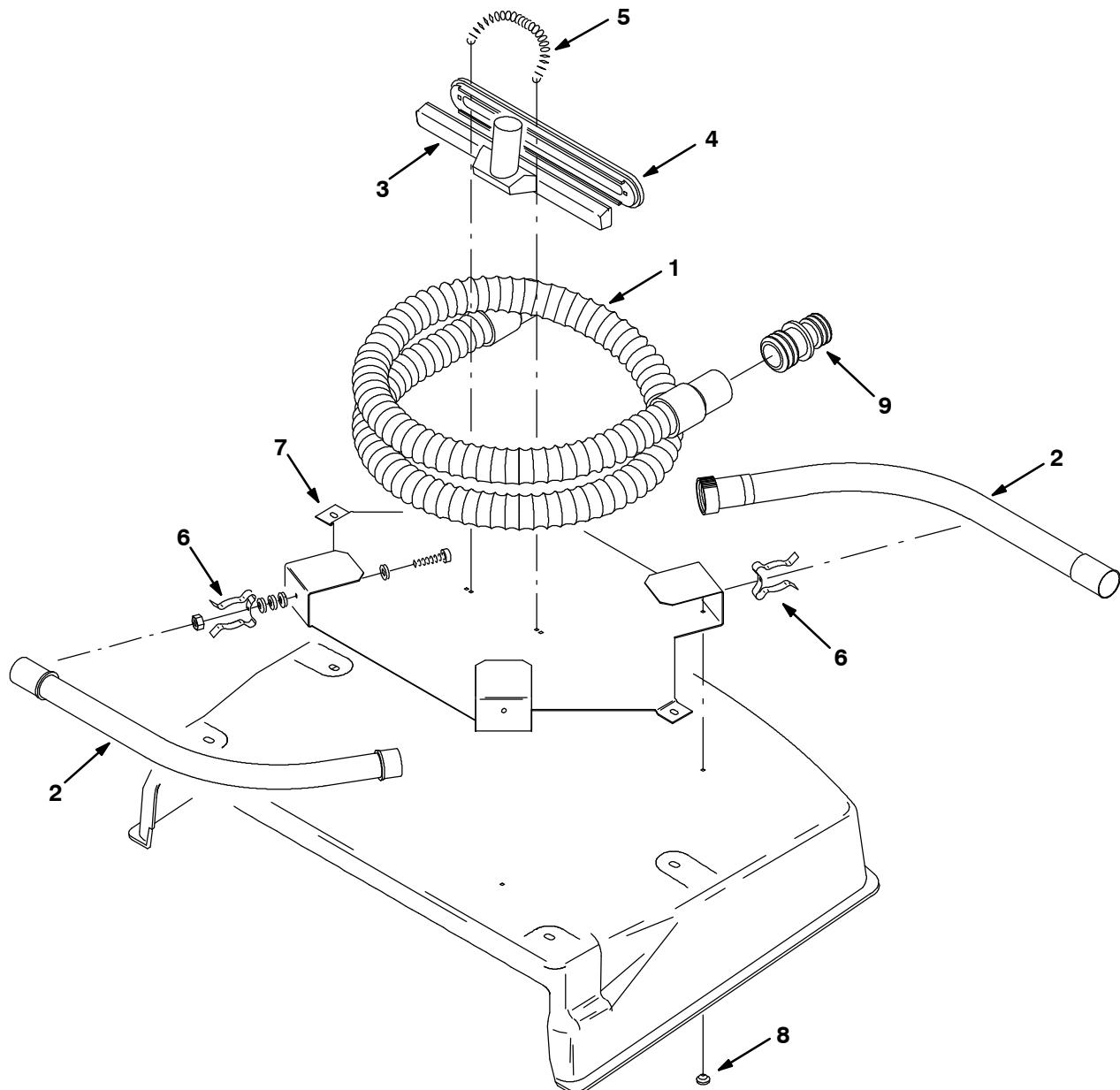
Fig. 9 - Suspension Slide Seat Kit



06062-06062

Tennant Ref.	Part No.	Machine Serial Number	Description	Qty.
▽	14971	(000000-	) Seat, Suspension Slide	1
▲ 1	14657	(000000-	) Rail, Slide Adjuster	1
▲ 2	14724	(000000-	) Bracket Assembly, Seat	1
▲ 3	14998	(000000-	) Plate, Seat Mounting	1
▲ 4	14514	(000000-	) Bracket, Seat Support	2

Fig. 10 - Vacuum Wand Kit

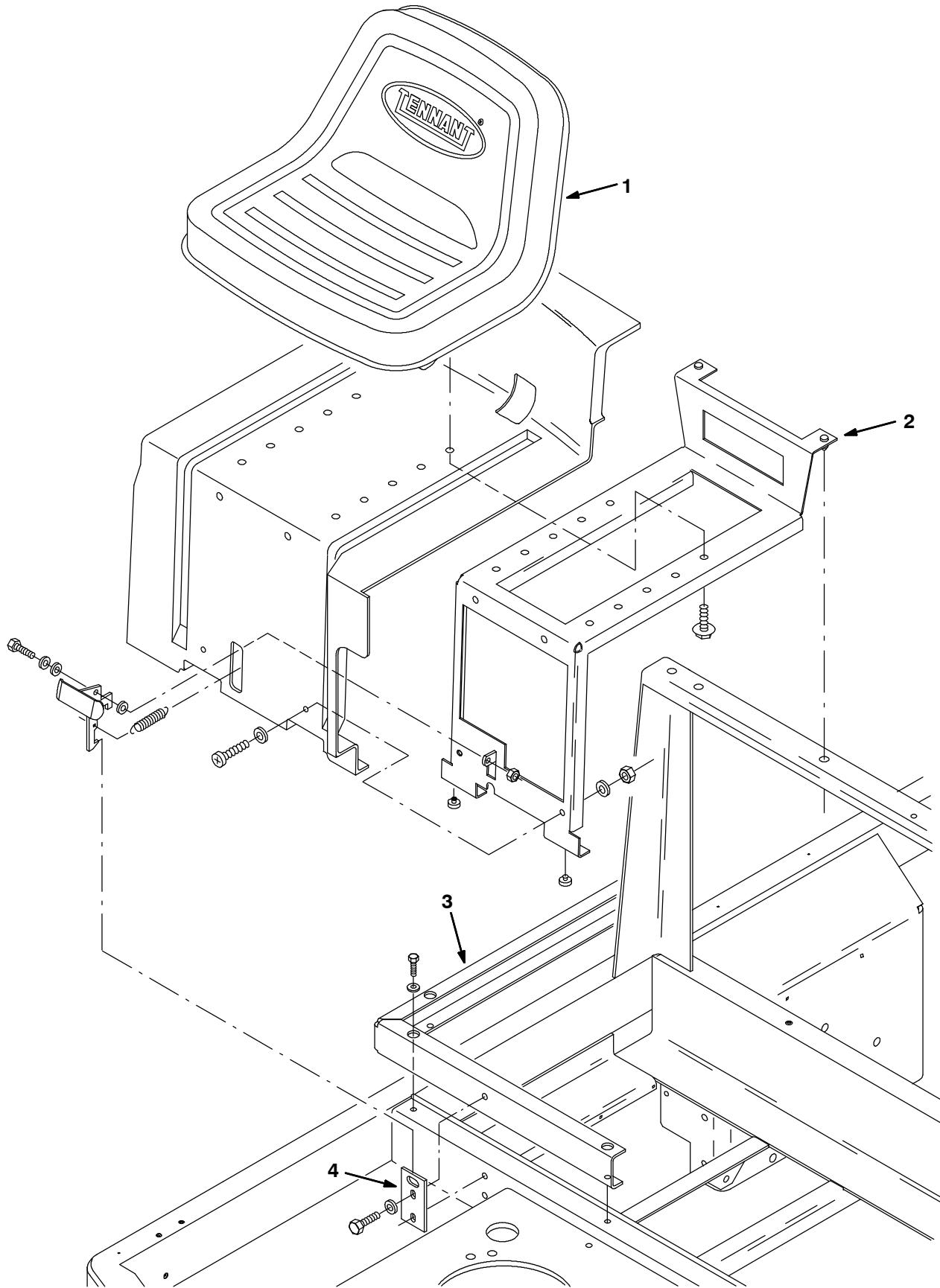


06064-06064

Ref.	Tenant Part No.	Machine Serial Number	Description	Qty.
▽	14465	(000000-	) Wand Kit, Vacuum	1
▲	1 86767	(000000-	) Hose and Cuff Assembly	1
▲	2 63448	(000000-	) Wand, Metal, 2 Piece	1
▲	3 63451	(000000-	) Nozzle, Plastic Wand	1
▲	4 63430	(000000-	) Shoe, Plastic Squeegee	1
▲	5 50304	(000000-	) Spring	1
▲	6 67004	(000000-	) Clip, Finger Grip	4
▲	7 14951	(000000-	) Wand Kit, Cradle	1
▲	8 29233	(000000-	) Bumper	4
▲	9 48609	(000000-	) Ftg-Pstc Str	1

## OPTIONS

Fig. 11 - Seat Support Group, Heavy Duty Battery



**Fig. 11 - Seat Support Group, Heavy Duty Battery**

Ref.	Tenant Part No.	Machine Serial Number	Description	Qty.
1	363199	(000000-	) Panel, Shroud, Seat Support	1
2	363200	(000000-	) Seat Wldt, Support	1
3	363202	(000000-	) Channel, Mtg, Seat Support	1
4	363203	(000000-	) Plate, Strike	1

## OPTIONS

Fig. 12 - Heavy Duty Motor Kit for Max Pro™ 1000 Two-Brush System

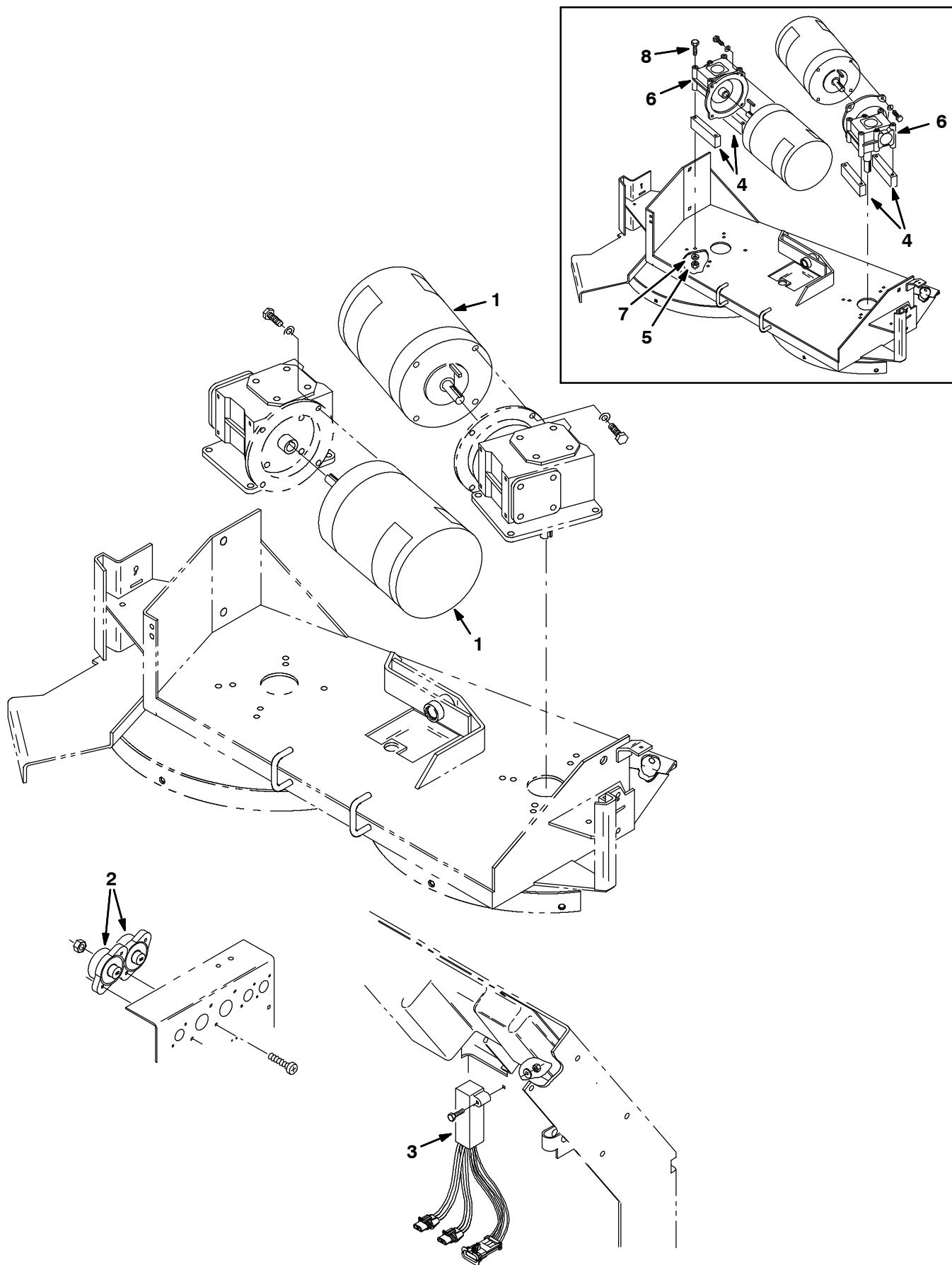
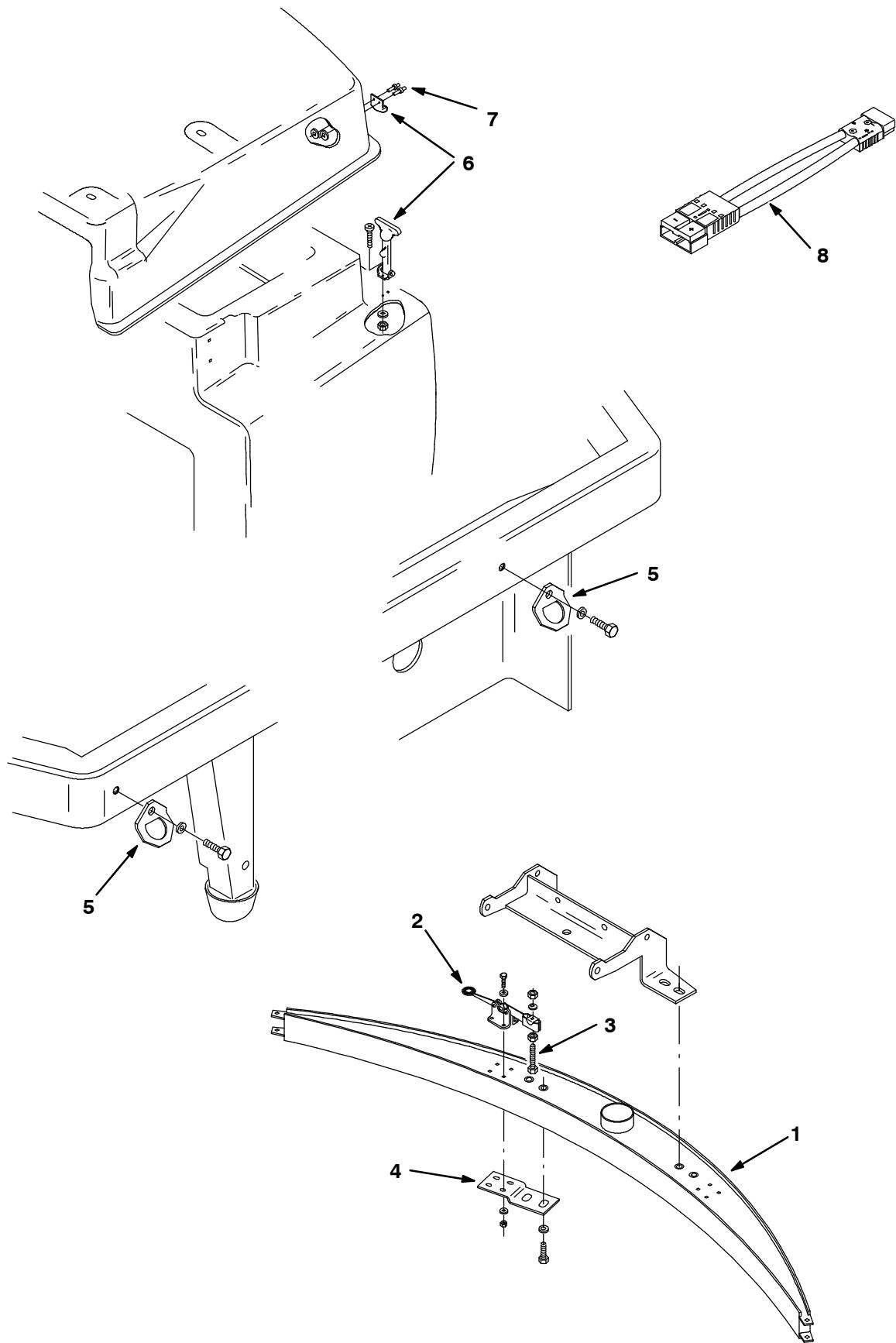


Fig. 12 - Heavy Duty Motor Kit for Max Pro™ 1000 Two-Brush System

Ref.	Tenant Part No.	Machine Serial Number	Description	Qty.
▽	16966	(000000-	) Motor Kit, Heavy Duty	1
▲	1 <del>16225</del>	(000000-	) Motor (See Breakdowns) (Replaced by 377369)	2
▲	2 375119	(000000-	) Breaker, Circuit, 50 A	2
▲	3 363237	(004287-	) Shunt, 2 Hd Mtrs	1
	4 16891	(000000- xxxxxx	) Spacer, Gearbox	4
	5 08713	(000000- xxxxxx	) Nut, Hex	8
	6 16226	(000000- xxxxxx	) Gearbox (Repl by 375066) (See Breakdowns)	2
	7 01685	(000000- xxxxxx	) Washer, Flat, .31 Ss	2
	8 14455	(000000- xxxxxx	) Screw, Hex	8

## OPTIONS

Fig. 13 - Transport Kit

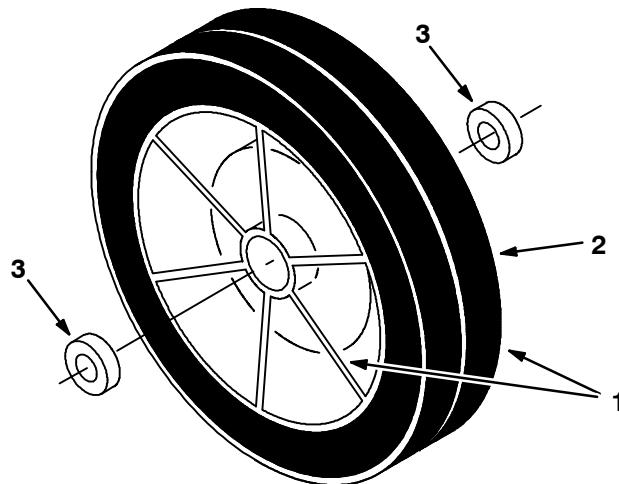


**Fig. 13 - Transport Kit**

Tenant Ref.	Part No.	Machine Serial Number	Description	Qty.
▽	363018	(000000-	) Transport Kit	1
▲ 1	41392	(000000-	) Frame Squeege Quick	1
▲ 2	15513	(000000-	) Clamp Toggle	2
▲ 3	39612	(000000-	) Scr-Hex .31-18X2.00 Full Thd	2
▲ 4	16179	(000000-	) Bracket	2
▲ 5	14983	(000000-	) Bracket Tie Down	4
▲ 6	11636	(000000-	) Latch, Draw, Flexible	2
▲ 7	56799	(000000-	) Rivet Pop-.125Dx.38X.25Dhd Al	4
▲ 8	363480	(000000-	) Adapter, Wire	1

## OPTIONS

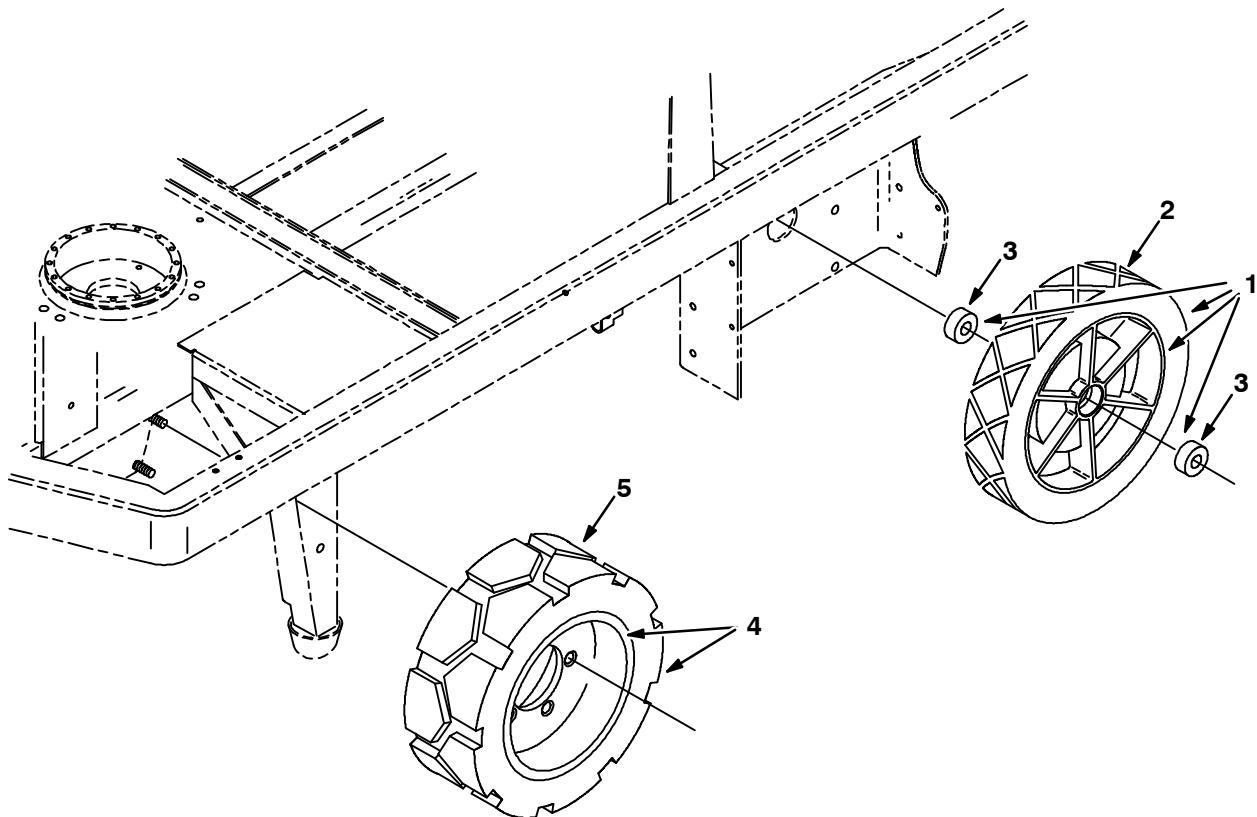
Fig. 14 - Grooved Tire Assembly



10713-06063

Ref.	Tenant Part No.	Machine Serial Number	Description	Qty.
▽	1 363175	(000000-	) Tire Assy, Grooved	2
▲	2 33320	(000000-	) Tire, 16 X 3.5 X 12.13 Grooved	1
▲	3 360074	(000000-	) Bearing-Ball,1.18B 2.44D 0.63W	2

Fig. 15 - Non-Mark, Non-Skid Tires

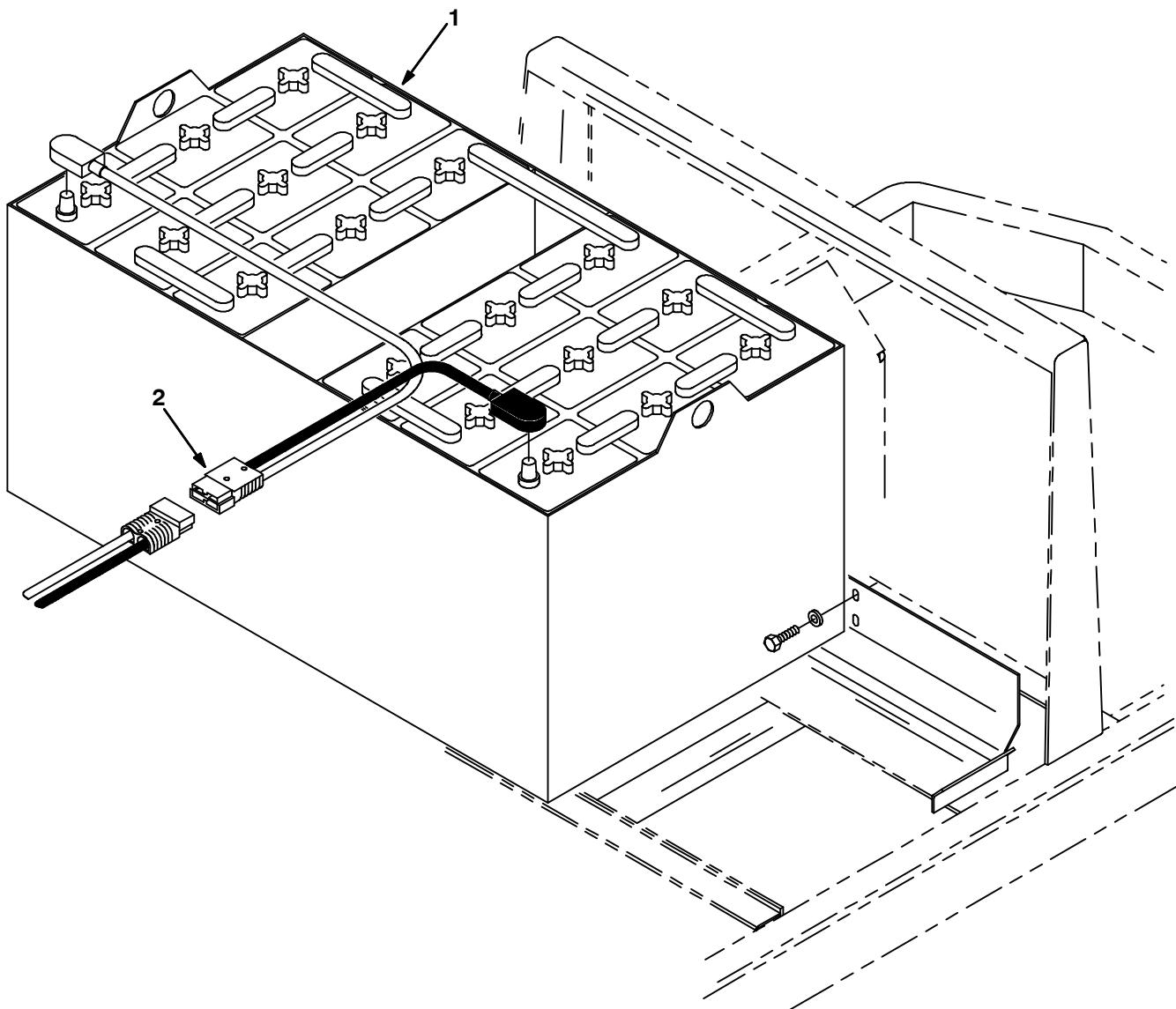


10714-08039

Ref.	Tenant Part No.	Machine Serial Number	Description	Qty.
▼ 1	363413	(000000-	Tire Assy, Non-Skid, 16 X 3.5	2
▲ 2	48588	(000000-	Tire 16.0x3.5x12.1 Non Skid	2
▲ 3	360074	(000000-	Bearing-Ball,1.18B 2.44D 0.63W	2
▼ 4	48591	(000000-	Tire, Non-Skid, 16.25 X 6	1
▲ 5	48589	(000000-	Tire 16.25X6.00X11.25 Non Skid	1

## OPTIONS

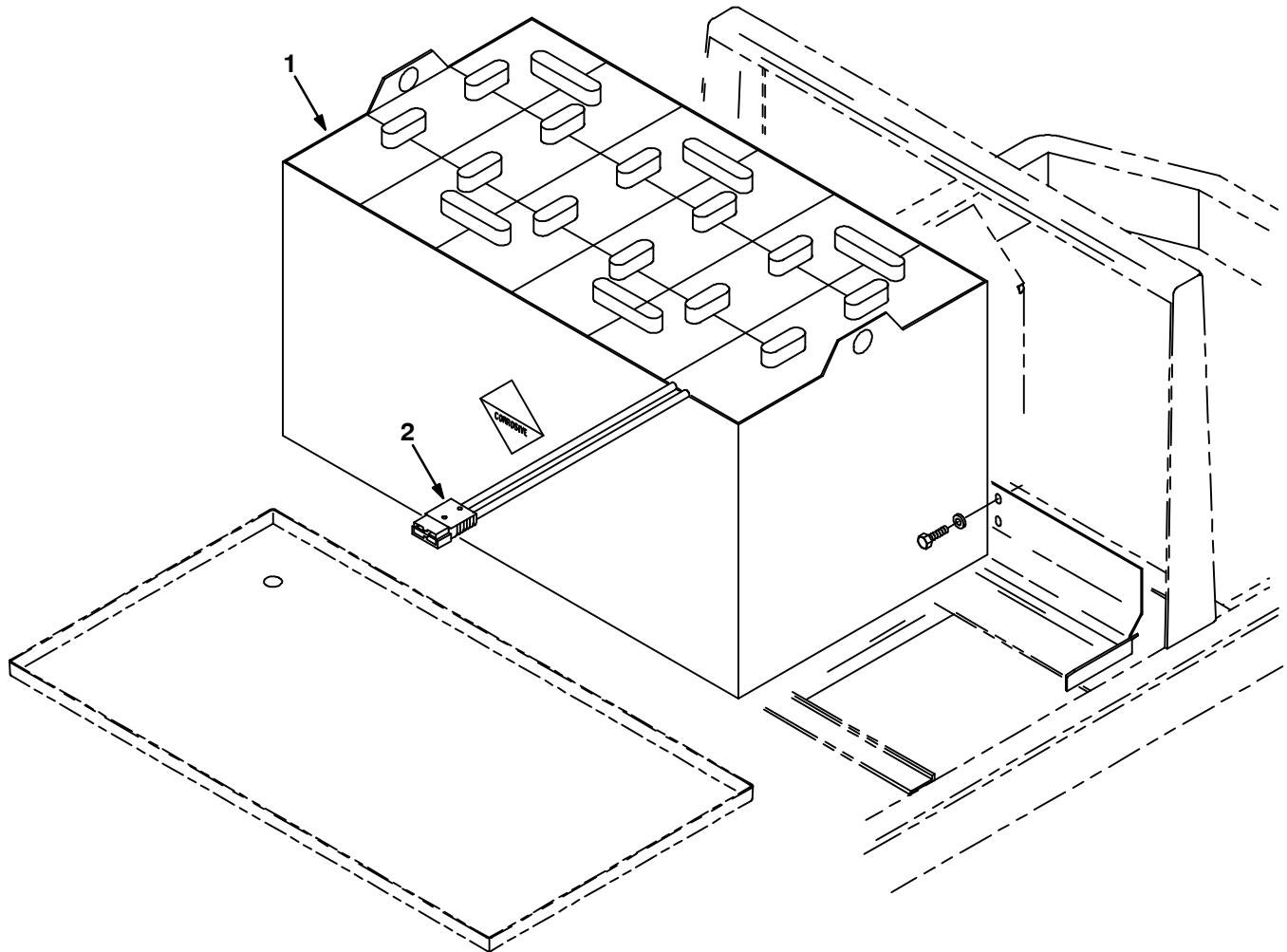
Fig. 16 - Battery Group



10716-06043

Ref.	Tenant Part No.	Machine Serial Number	Description	Qty.
▽ 1	363305	(000000-	) Battery, 36V 380Ah Wet	1
▲ 2	01726	(000000-	) Connector,	1

Fig. 17 - Battery Kit, 420 A/h, Wet

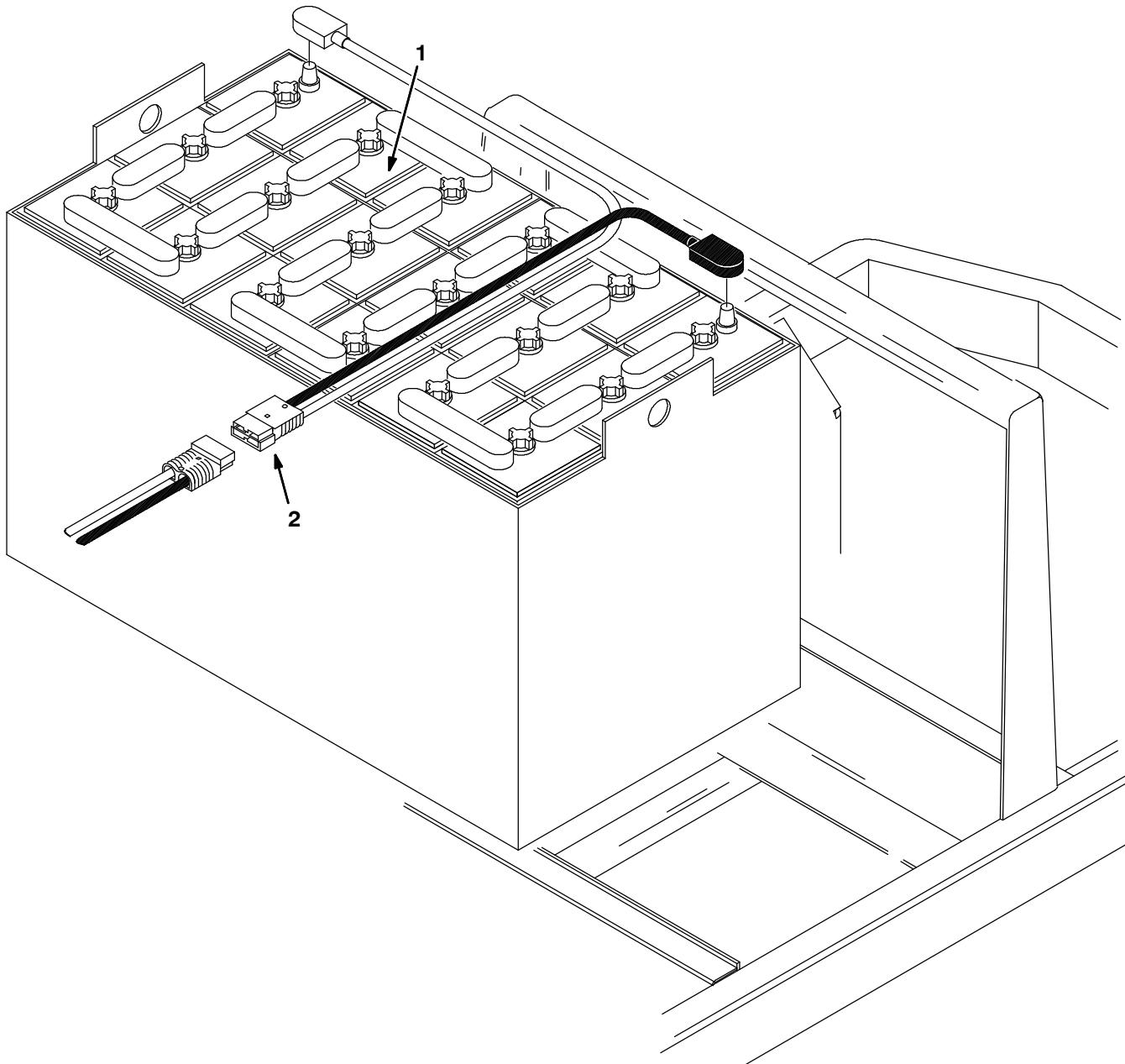


10717-06050

	Tenant Ref.	Part No.	Machine Serial Number	Description	Qty.
▼	1	363306	(000000-	) Battery, 36V-420Ah, Wet	1
▲	2	01726	(000000-	) Connector,	1

## OPTIONS

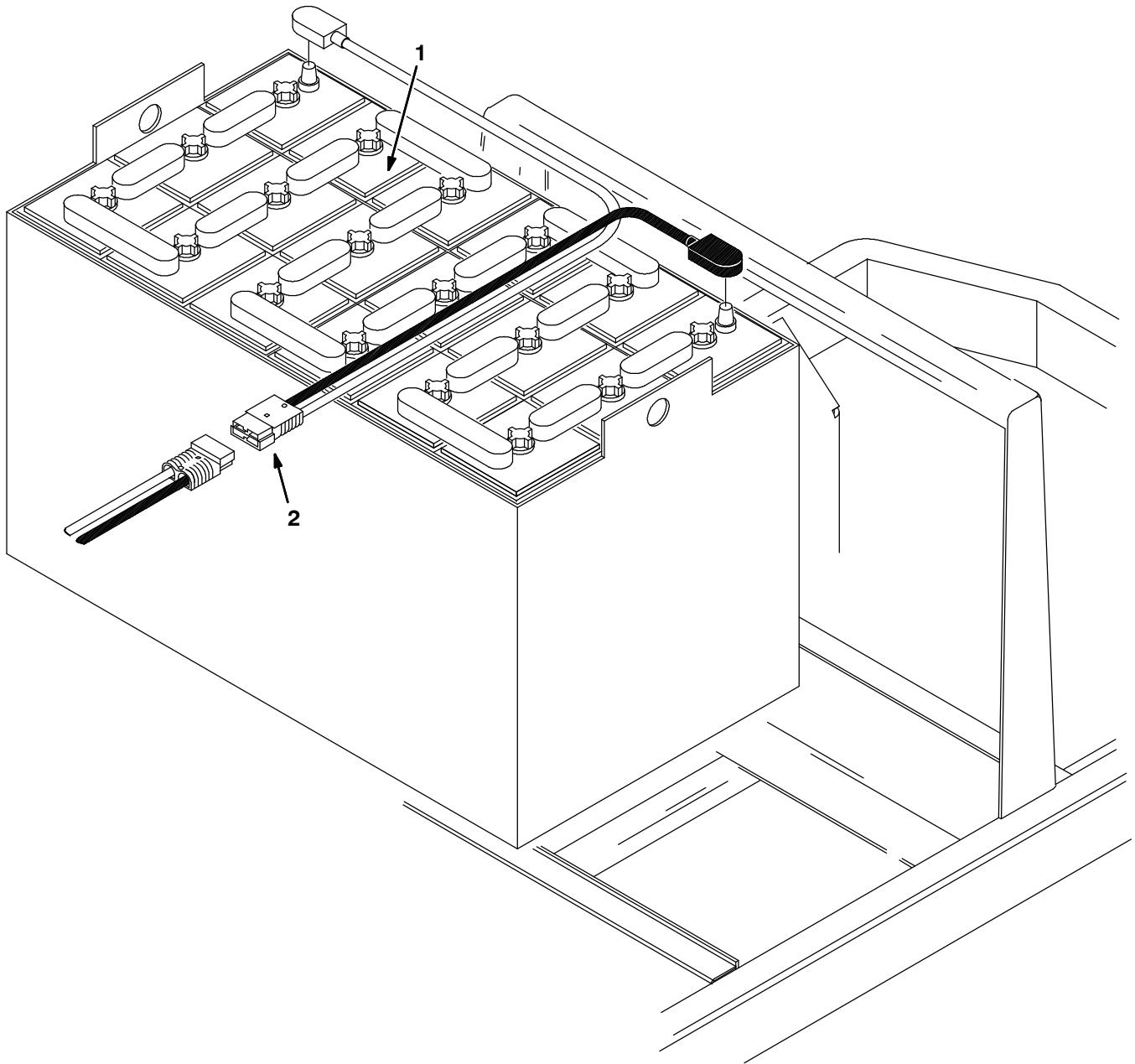
Fig. 18 - Battery Kit, 690 A/h, Wet



10375-10376

Tenant Ref.	Part No.	Machine Serial Number	Description	Qty.
▼ 1	363153	(000000-	) Battery, 36V-690A/h, Wet	1
▲ 2	01726	(000000-	) Connector,	1

Fig. 19 - Battery Kit, 700 A/h, Dry, International Only

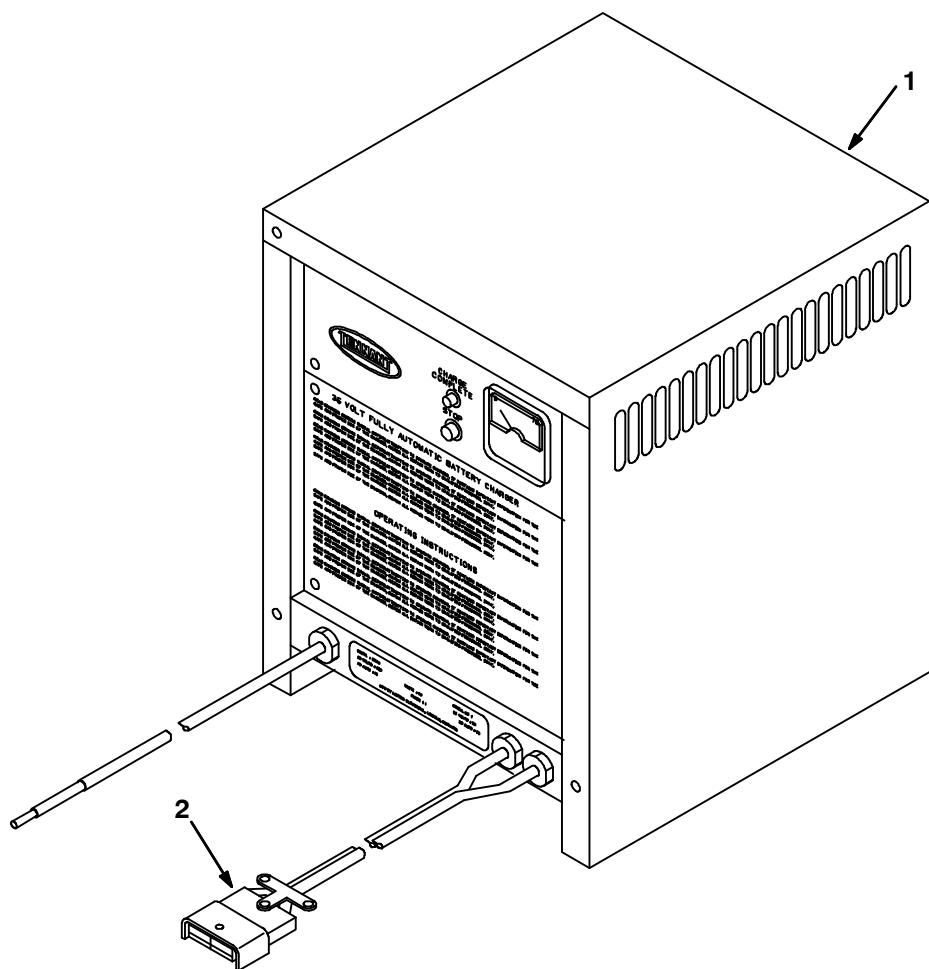


10715-10376

	Tenant Ref.	Part No.	Machine Serial Number	Description	Qty.
▽	1	363304	(000000-	) Battery, 36V 700A/h, Dry	1
▲	2	01726	(000000-	) Connector,	1

## OPTIONS

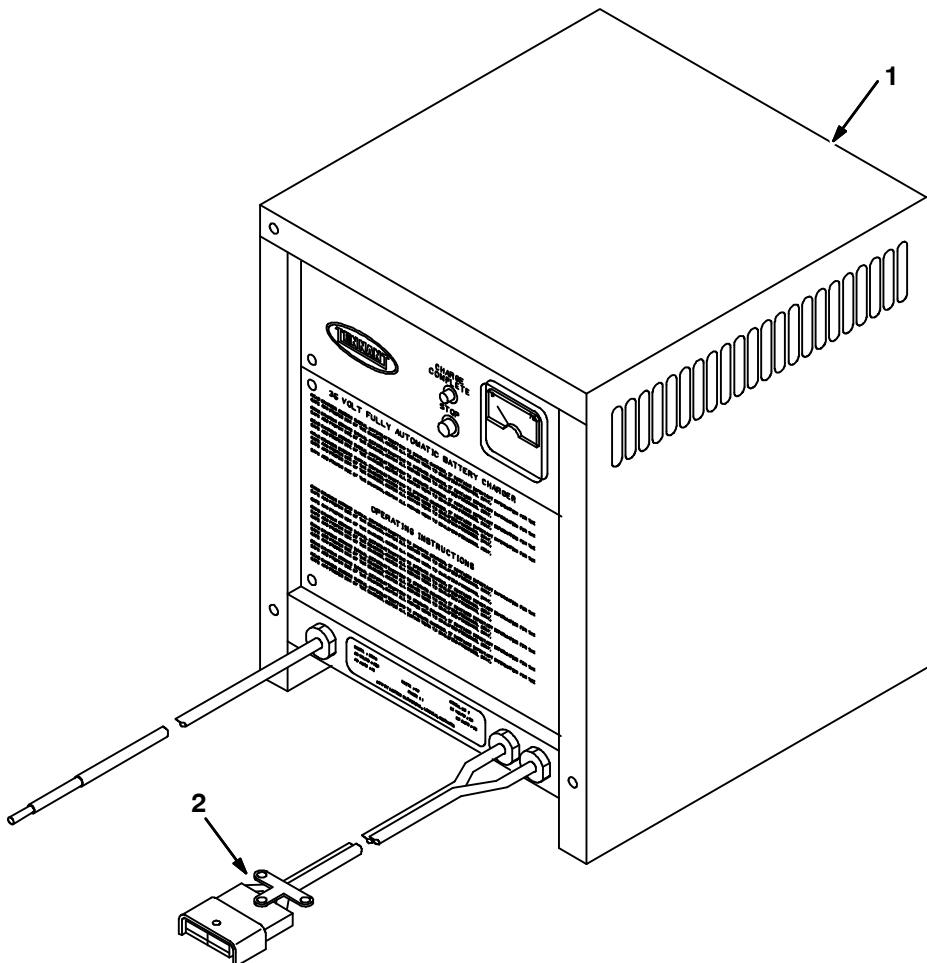
Fig. 20 - Battery Charger Group, 380 A/h Batteries, 60Hz



10720-06049

Ref.	Tenant Part No.	Machine Serial Number	Description	Qty.
▽ 1	363354	(000000- )	Charger Fi, 36V/50A 60Hz/1Ph	1
▲ 2	01726	(000000- )	Connector,	1
▽ 1	363352	(000000- )	Charger, 36V/075A 60Hz/3Ph	1
▲ 2	01726	(000000- )	Connector,	1
▽ 1	363510	(000000- )	Charger, 36V/045A 60Hz/1Ph	1
▲ 2	01726	(000000- )	Connector,	1

Fig. 21 - Battery Charger Group, 380 A/h Batteries, 50Hz, International Only

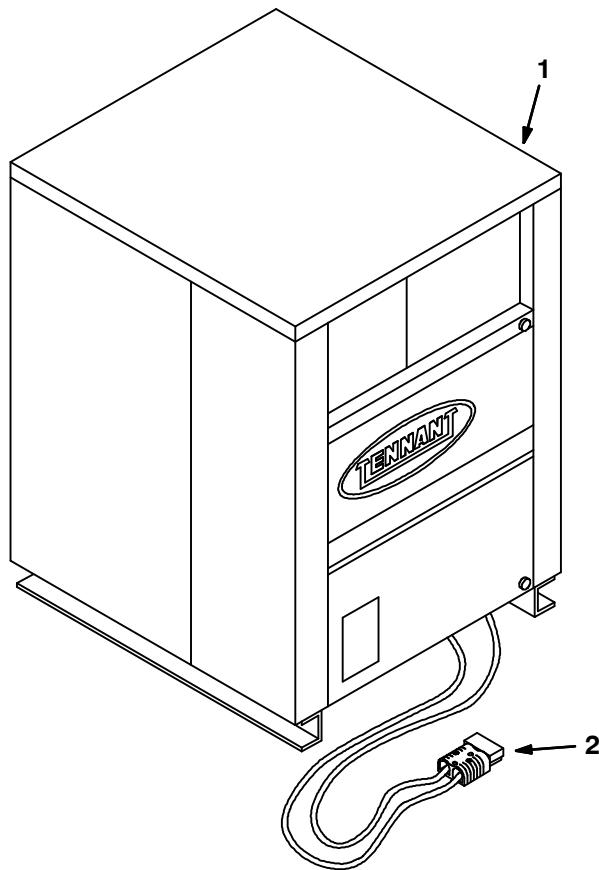


10721-06049

	Tenant Ref.	Part No.	Machine Serial Number	Description	Qty.
▼	1	363509	(000000-	) Charger, 36V/050A 50Hz/1Ph	1
▲	2	01726	(000000-	) Connector,	1
▼	1	363512	(000000-	) Charger, 36V/075A 50Hz/3Ph	1
▲	2	01726	(000000-	) Connector,	1
▼	1	363510	(000000-	) Charger, 36V/045A 60Hz/1Ph	1
▲	2	01726	(000000-	) Connector,	1

## OPTIONS

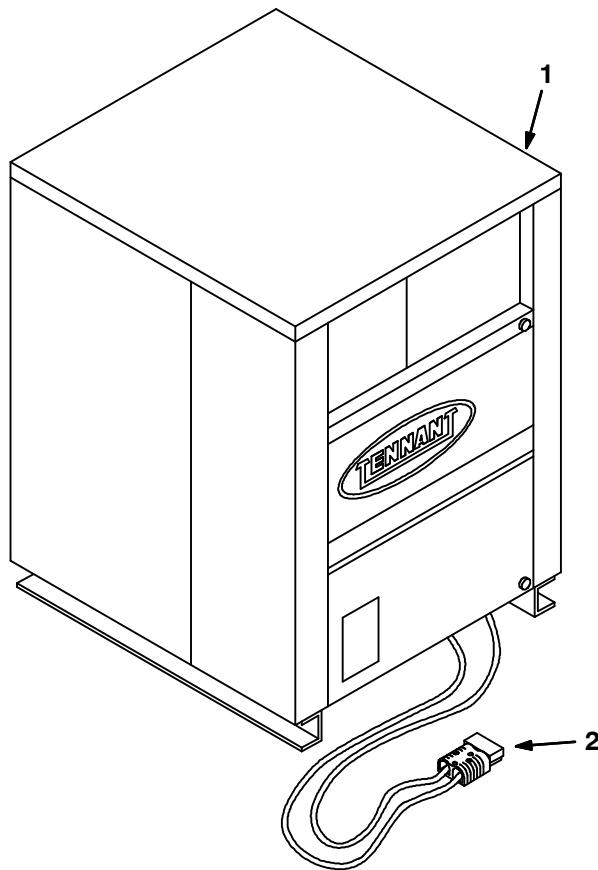
Fig. 22 - Battery Charger Group, 420 A/h Batteries, 60Hz



10722-07528

Tennant Ref.	Part No.	Machine Serial Number	Description	Qty.
▽	1	363353	(000000-) ) Charger, 36V/75A 60Hz/1Ph	1
▲	2	01726	(000000-) ) Connector,	1
▽	1	363352	(000000-) ) Charger, 36V/075A 60Hz/3Ph	1
▲	2	01726	(000000-) ) Connector,	1

Fig. 23 - Battery Charger Group, 420 A/h Batteries, 50Hz, International Only

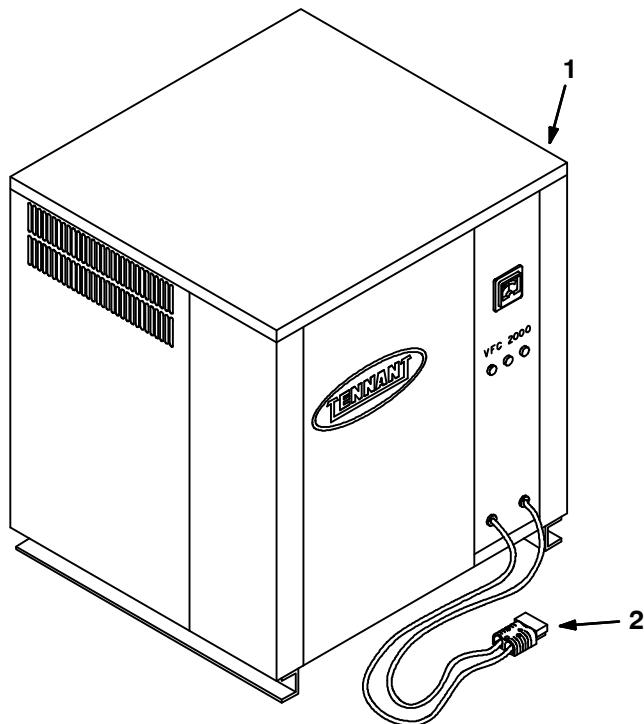


10723-07528

Tenant Ref.	Part No.	Machine Serial Number	Description	Qty.
▽	1	363511	(000000-) ) Charger, 36V/075A 50Hz/1Ph	1
▲	2	01726	(000000-) ) Connector,	1
▽	1	363512	(000000-) ) Charger, 36V/075A 50Hz/3Ph	1
▲	2	01726	(000000-) ) Connector,	1

## OPTIONS

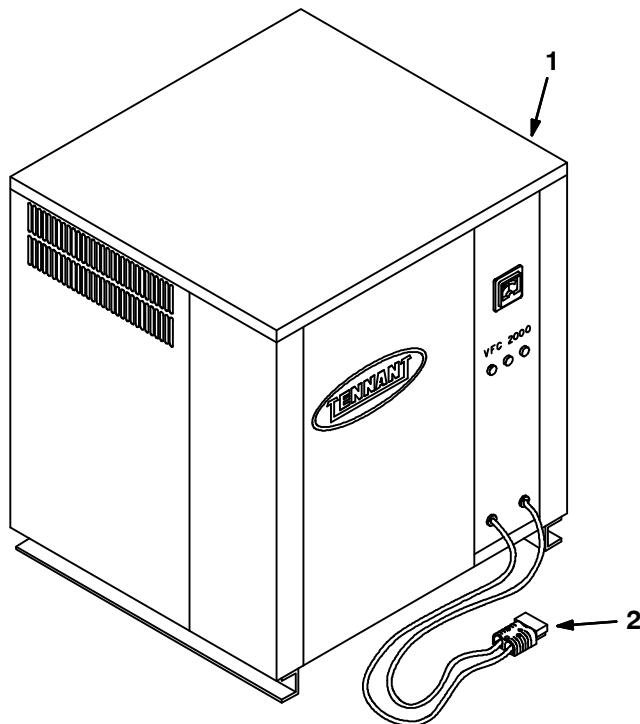
Fig. 24 - Battery Charger Group, 690 A/h Batteries, 60Hz



10724-06051

Ref.	Tennant Part No.	Machine Serial Number	Description	Qty.
▽	1 363507	(000000-	) Charger 36V/120A 60Hz/1Ph	1
▲	2 01726	(000000-	) Connector,	1
▽	1 363508	(000000-	) Charger, 36V/120A 60Hz/3Ph	1
▲	2 01726	(000000-	) Connector,	1

Fig. 25 - Battery Charger Group, 630 A/h Batteries, 50Hz, International Only

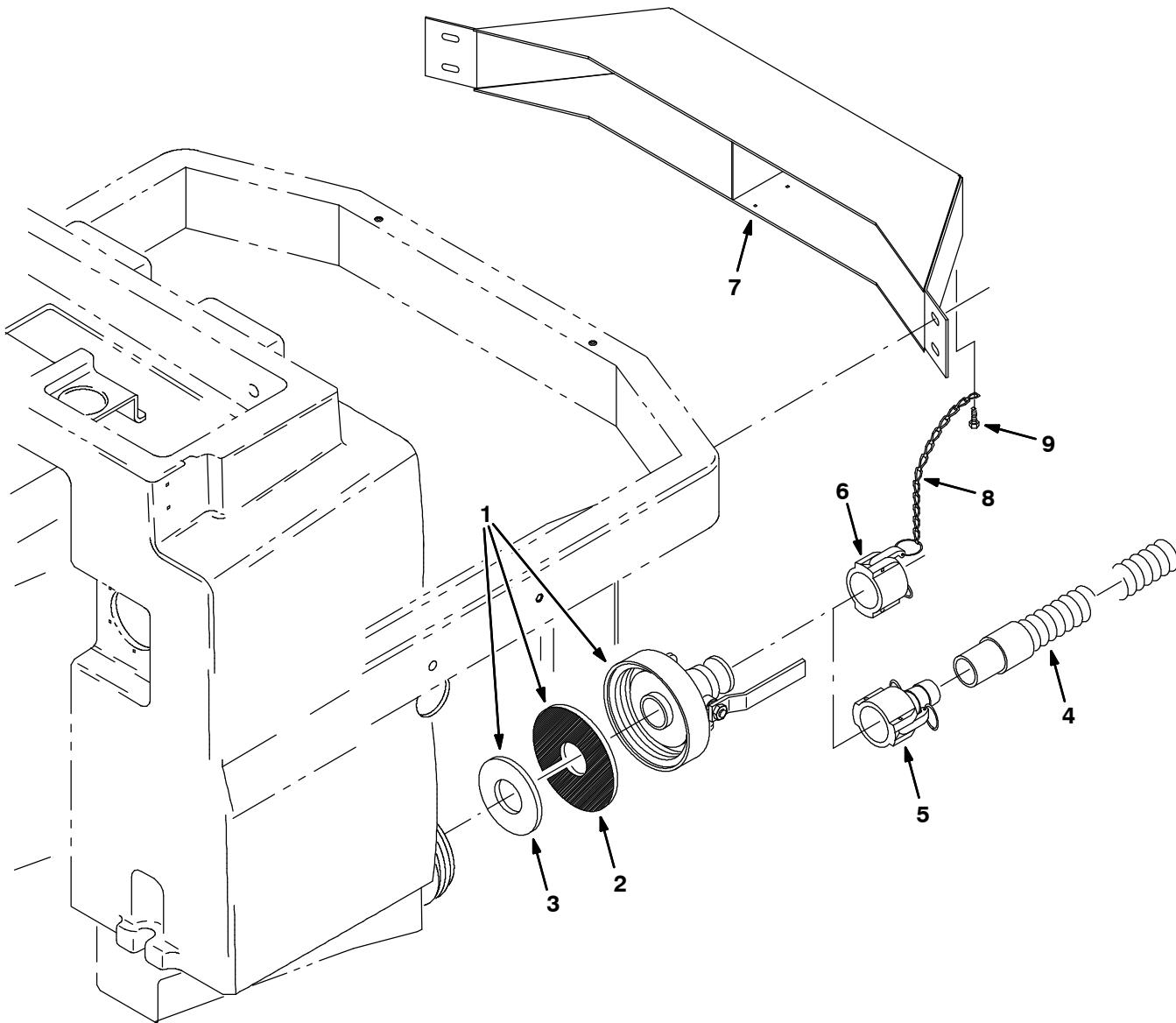


10725-06051

Tenant Ref.	Part No.	Machine Serial Number	Description	Qty.
▽ 1	363513	(000000-	Charger, 36V/120A 50Hz/1Ph	1
▲ 2	01726	(000000-	Connector,	1
▽ 1	363514	(000000-	Charger, 36V/120A 50Hz/3Ph	1
▲ 2	01726	(000000-	Connector,	1

## OPTIONS

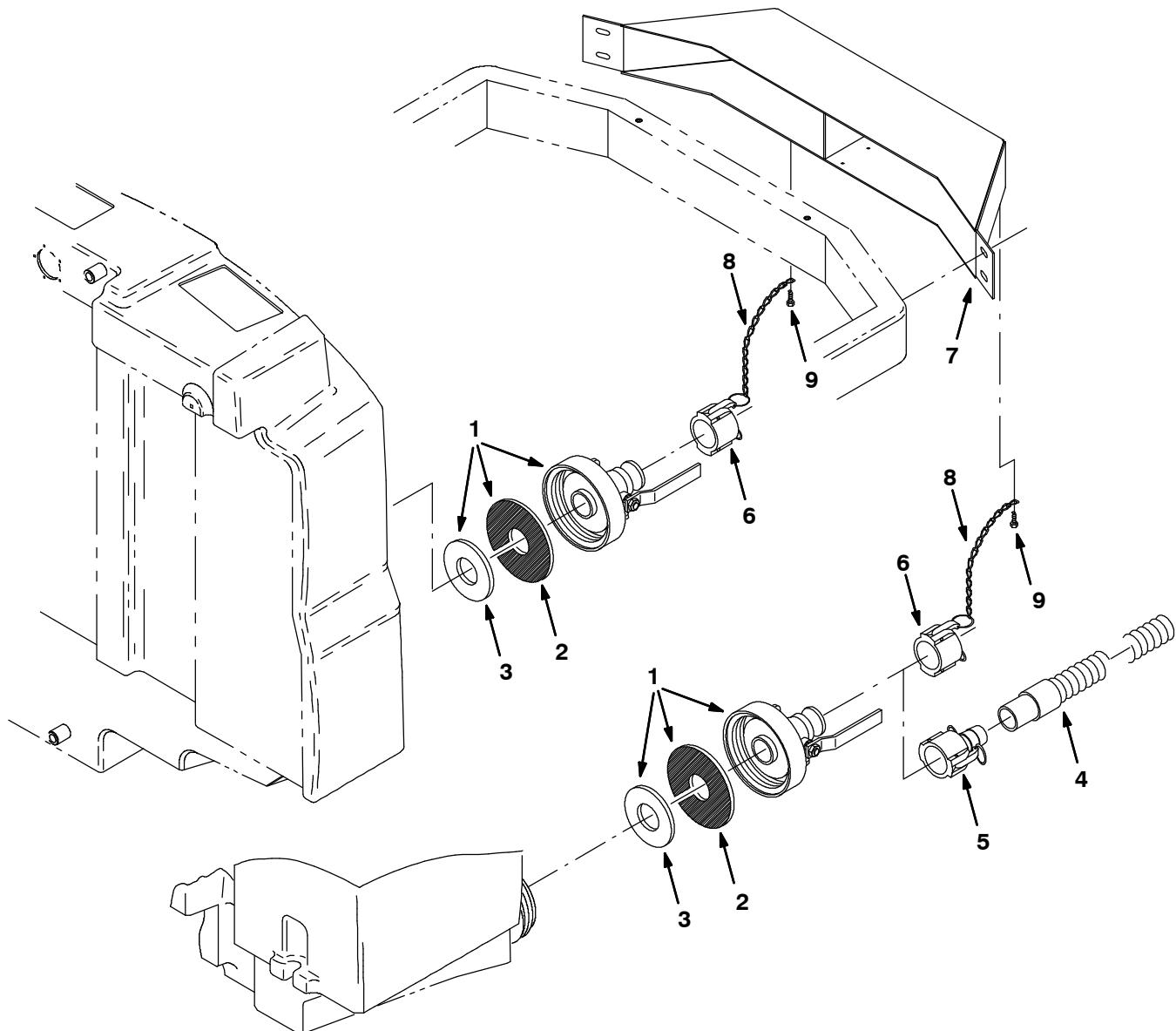
Fig. 26 - Positive Solution Control Drain Kit, Std



10198-10199

Ref.	Tenant Part No.	Machine Serial Number	Description	Qty.
▼	48725	(000000-	) Posi-Sol Control Drain Sys Kit	1
▲▼ 1	48739	(000000-	) Cap Assy, Pos Drain	1
▲▲	23456	(000000-	) Cap, Drain	1
▲▲	375014	(000000-	) Kit, Valve Handle	1
▲▲	374618	(000000-	) Ball and Seal Kit	1
▲▲ 2	20933	(000000-	) Gasket	1
▲▲ 3	20932	(000000-	) Washer, Polyethylene	1
▲ 4	75635	(000000-	) Hose & Cuff Assy	1
▲ 5	48734	(000000-	) Coupler, Female X Hose Shank	1
▲ 6	48733	(000000-	) Cap, Dust	1
▲ 7	48738	(000000-	) Bumper Wldt	1
▲ 8	19903	(000000-	) Chain,Sash#35 ,13Links,Zn 7.15	1
▲ 9	16944	(000000-	) Scr-Hxfmgm 4X0.7 10 Pltd	1

Fig. 27 - Positive Solution Control Drain Kit, ES™

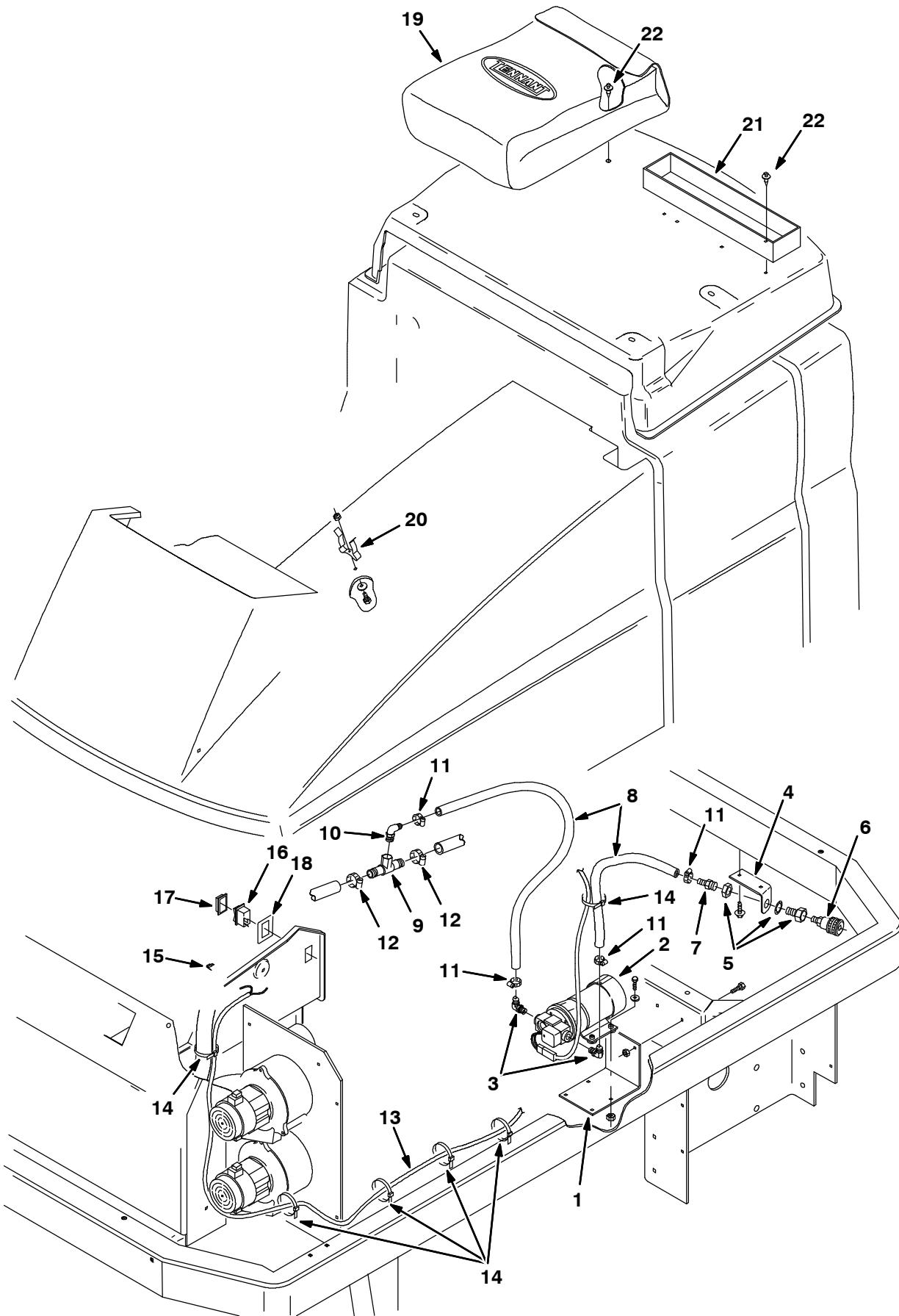


10200-10201

Tenant Ref.	Part No.	Machine Serial Number	Description	Qty.
▽	48726	(000000-	Posi-Sol Control Drain Sys Es	1
▲▽	1 48739	(000000-	Cap Assy, Pos Drain	2
▲▲	23456	(000000-	Cap, Drain	1
▲▲	375014	(000000-	Kit, Valve Handle	1
▲▲	374618	(000000-	Ball and Seal Kit	1
▲▲	2 20933	(000000-	Gasket	1
▲▲	3 20932	(000000-	Washer, Polyethylene	1
▲	4 75635	(000000-	Hose & Cuff Assy	1
▲	5 48734	(000000-	Coupler, Female X Hose Shank	1
▲	6 48733	(000000-	Cap, Dust	2
▲	7 48738	(000000-	Bumper Wldt	1
▲	8 19903	(000000-	Chain,Sash#35 ,13Links,Zn 7.15	2
▲	9 16944	(000000-	Scr-Hxfmgm 4X0.7 10 Pltd	2

## OPTIONS

Fig. 28 - Power Wand Mount and Pump Group



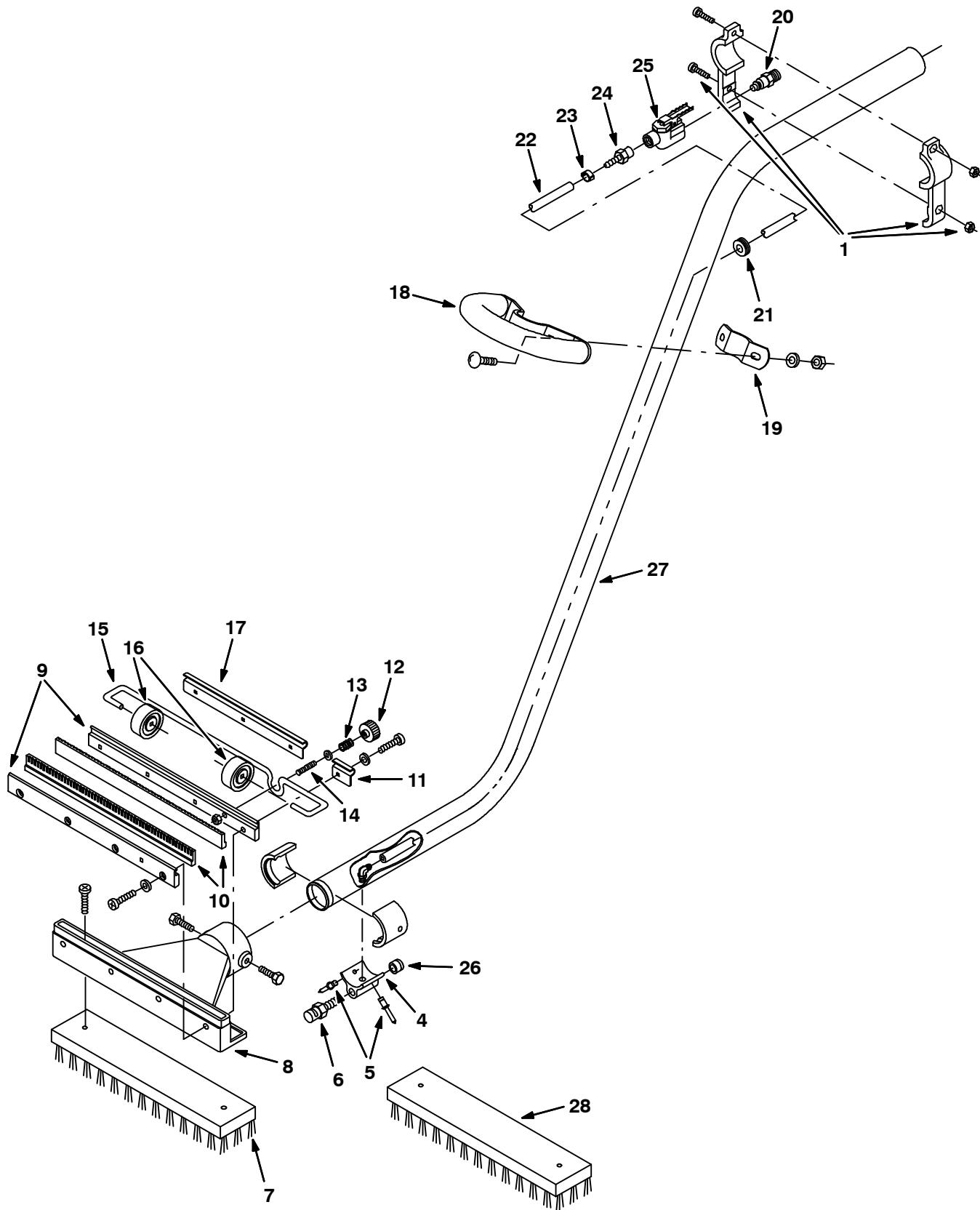
NOTE: Power Wand Kit, TENNANT Part Number 48601, includes Fig. 28, Fig. 29, Fig. 30.

**Fig. 28 - Power Wand Mount and Pump Group**

Ref.	Tenant Part No.	Machine Serial Number	Description	Qty.
1	48606	(000000-	) Bracket, Mounting, Pump	1
2	65590	(000000-	) Pump, Power Wand (See Breakdowns)	1
3	65581	(000000-	) Fitting, Plastic, El90.25Npt	2
4	48607	(000000-	) Bracket, Mounting, Valve	1
5	78122	(000000-	) Ftg,Bulkhead .25Npt Wh W21204	1
6	65342	(000000-	) Fitting-Brs,Female Quick Conn	1
7	48610	(000000-	) Fitting, Plastic .25Npt.50Barb	1
8	65588	(000000-	) Hose, Pvc .50Idx.73Od 37.0Lg	2
9	64740	(000000-	) Ftg,Plstc,Tee,Barb.75-.50Pt-.7	1
10	63244-1	(000000-	) Ftg,Plstc,Elb,Barb.50Pt-.50Hse	1
11	54333	(000000-	) Clamp-Wormdrive, 0.31- 0.88D	4
12	63810	(000000-	) Clamp-Wormdrive, 0.56- 1.06D	2
13	48608	(000000-	) Harness, Wire, Power Wand	1
14	49266	(000000-	) Tie, Cable 1.75D Max 7.50Lg	6
15	27184	(000000-	) Connector,3-Way Quick-Disc.	1
16	65557	(000000-	) Switch, Rocker Spst Lighted36V	1
17	57807	(000000-	) Cover, Rocker Switch Seal	1
18	19800	(000000-	) Label, Solution Control-Nv	1
19	65580	(000000-	) Bag, Power Wand	1
20	67004	(000000-	) Clip-Finger Grip	1
21	61212	(000000-	) Tray, Wand	1
22	72968	(000000-	) Rivet, Plastic .25 x .89	7

## OPTIONS

Fig. 29 - Power Wand Assembly



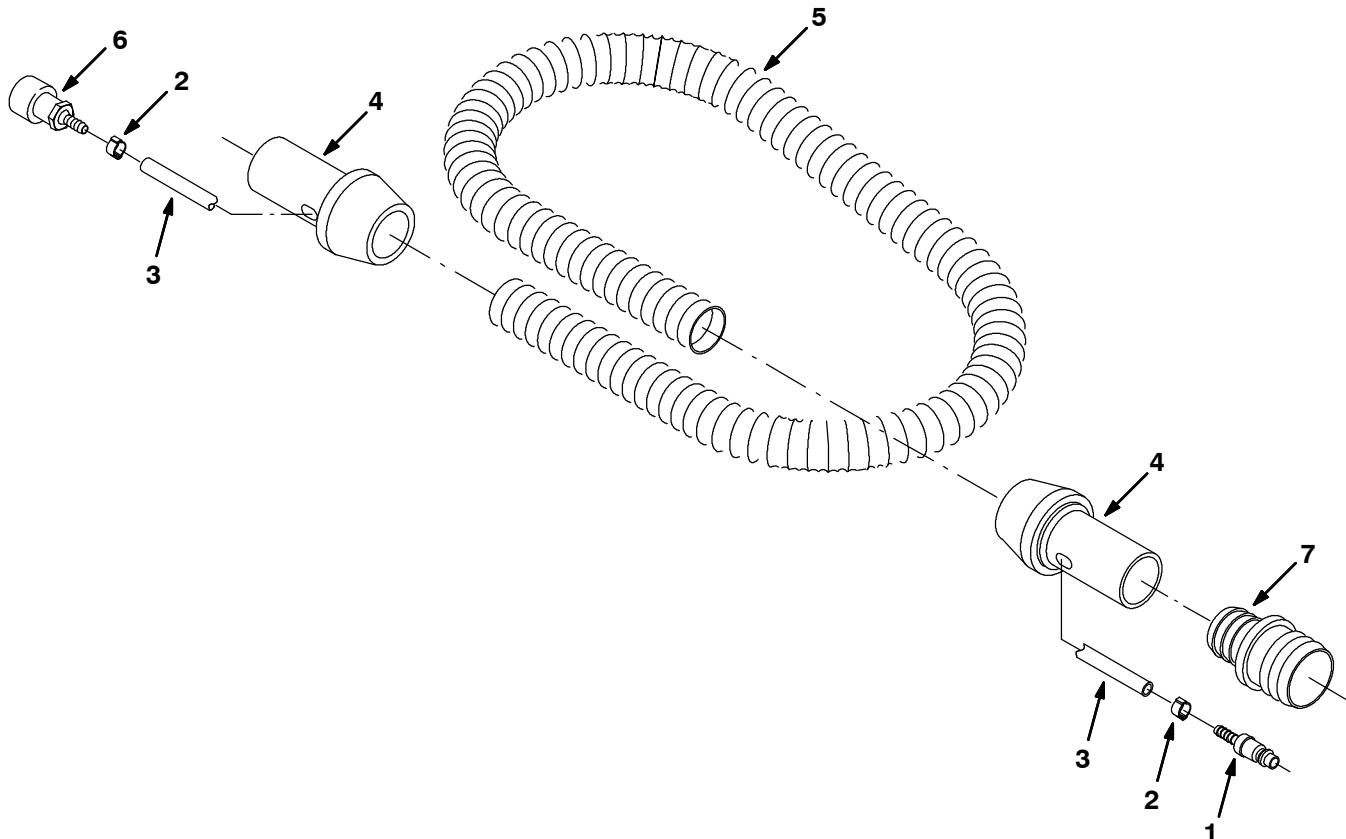
NOTE: Power Wand Kit, TENNANT Part Number 48601, includes Fig. 28, Fig. 29, Fig. 30.

**Fig. 29 - Power Wand Assembly**

Ref.	Tenant Part No.	Machine Serial Number	Description	Qty.
▼	65340	(000000-	) Wand Assembly	1
▲ 1	578077	(000000-	) Bracket, Valve Mounting	1
▲ 2	578061	(000000-	) Adapter, Head	2
▲ 3	578214	(000000-	) Fitting, 90° Elbow	1
▲ 4	578067	(000000-	) Adapter, Nozzle	1
▲ 5	602036	(000000-	) Rivet, Pop	2
▲ 6	578066	(000000-	) Nozzle, Spray	1
▲ 7	65610	(000000-	) Brush, Wand, Poly	1
▲ 8	578063	(000000-	) Head, Wand	1
▲ 9	578078	(000000-	) Strip, Retainer	2
▲ 10	578074	(000000-	) Blade, Squeegee	2
▲ 11	578124	(000000-	) Bracket, Axle	1
▲ 12	578439	(000000-	) Knob, Adjustable, Squeegee	1
▲ 13	578228	(000000-	) Spring, Compression	1
▲ 14	578143	(000000-	) Stud, Adjustable	1
▲ 15	578126	(000000-	) Axle, Wand	1
▲ 16	578125	(000000-	) Wheel, Guide	2
▲ 17	578123	(000000-	) Bracket, Axle	1
▲ 18	578155	(000000-	) Handle, Wand	1
▲ 19	578154	(000000-	) Bracket, Handle Mounting	1
▲ 20	578091	(000000-	) Fitting, Quick Disconnect	1
▲ 21	578164	(000000-	) Grommet	1
▲ 22	578821	(000000-	) Hose, Solution	1
▲ 23	578161	(000000-	) Clamp, Hose	2
▲ 24	578094	(000000-	) Fitting, Straight	1
▲ 25	578064	(000000-	) Valve, Water	1
▲ 26	150208	(000000-	) Fitting, Plug	1
▲ 27	578060	(000000-	) Wand, Off Aisle	1
▲ 28	65582	(000000-	) Brush, Wand AB	1

## OPTIONS

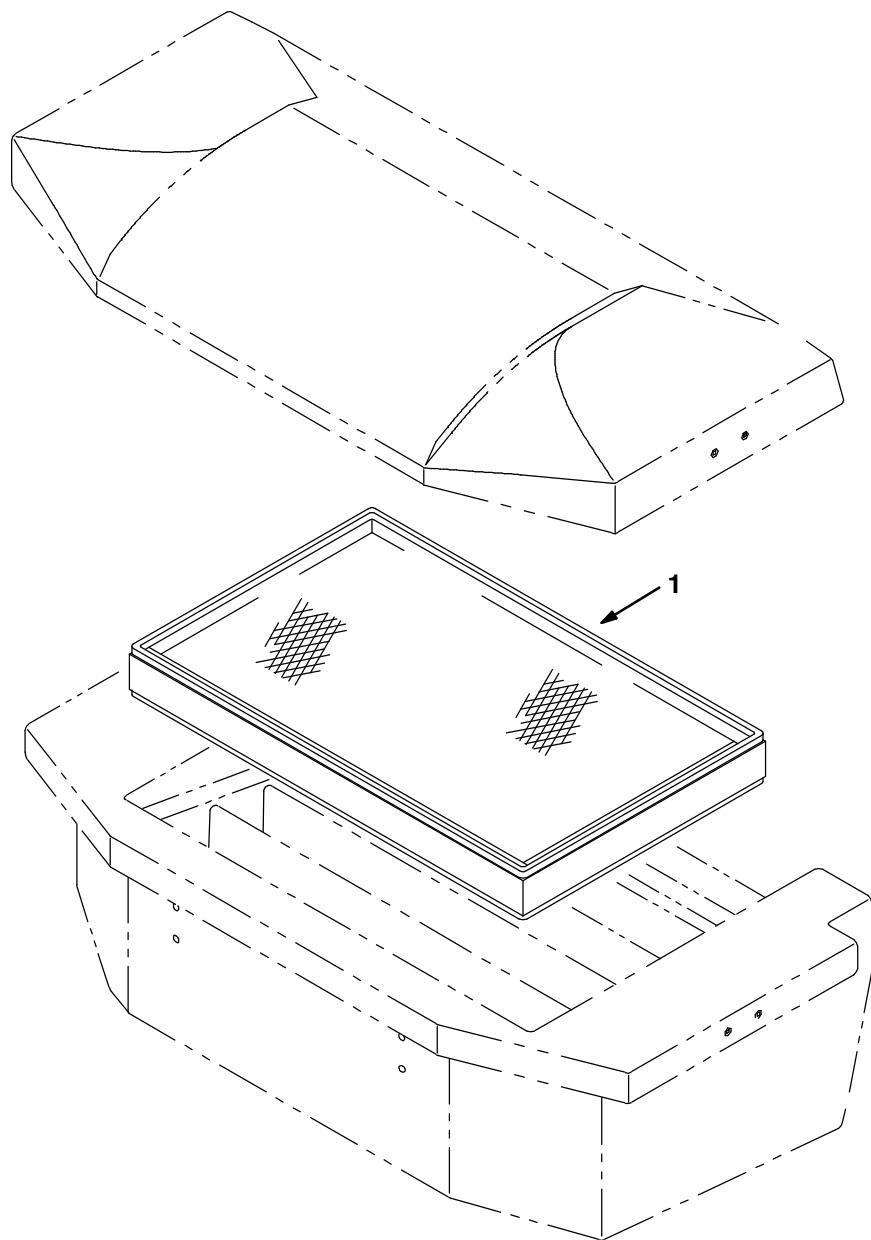
**Fig. 30 - Power Wand Hose Assembly**



08045-08042

*NOTE: Power Wand Kit, TENNANT Part Number 48601, includes Fig. 28, Fig. 29, Fig. 30.*

Ref.	Tennant Part No.	Machine Serial Number	Description	Qty.
▽	65341	(000000-	Hose Assembly	1
▲ 1	578318	(000000-	Fitting, Quick Disconnect	1
▲ 2	578160	(000000-	Clamp, Hose	2
▲ 3	578820	(000000-	Hose	1
▲ 4	578072	(000000-	Cuff, Swivel	2
▲ 5	578276	(000000-	Hose, Vacuum	1
▲ 6	578071	(000000-	Fitting, Quick Disconnect	1
7	48609	(000000-	Fitting, Plastic	1

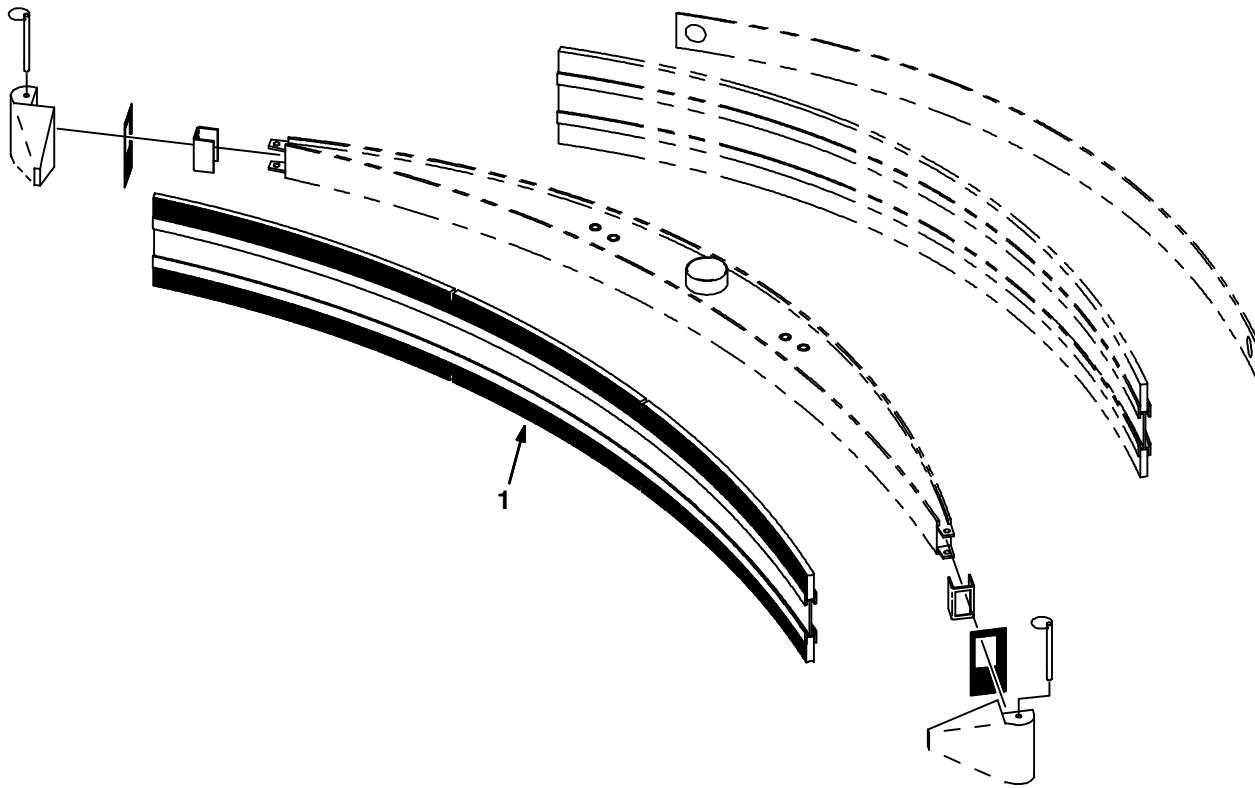
**Fig. 31 - Wet Vac Filter Kit**

06064-06064

Ref.	Tenant Part No.	Machine Serial Number	Description	Qty.
1	370137	(000000-	) Kit, Syn. Filter, Panel	1

## OPTIONS

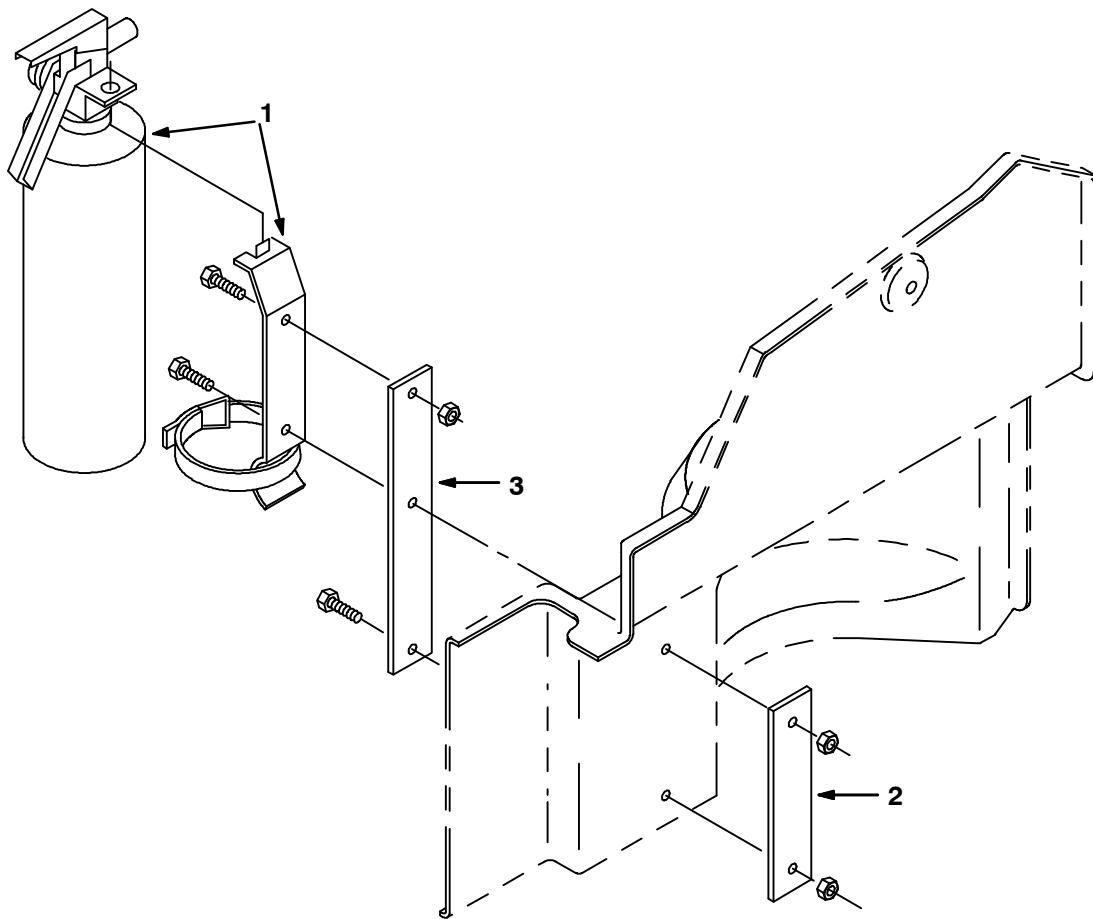
Fig. 32 - Front Squeegee Blade Group, Tile



06410-06410

Ref.	Tenant Part No.	Machine Serial Number	Description	Qty.
1	32600	(000000-	) Front Squeegee Blade, Tile	1

Fig. 33 - Fire Extinguisher Kit

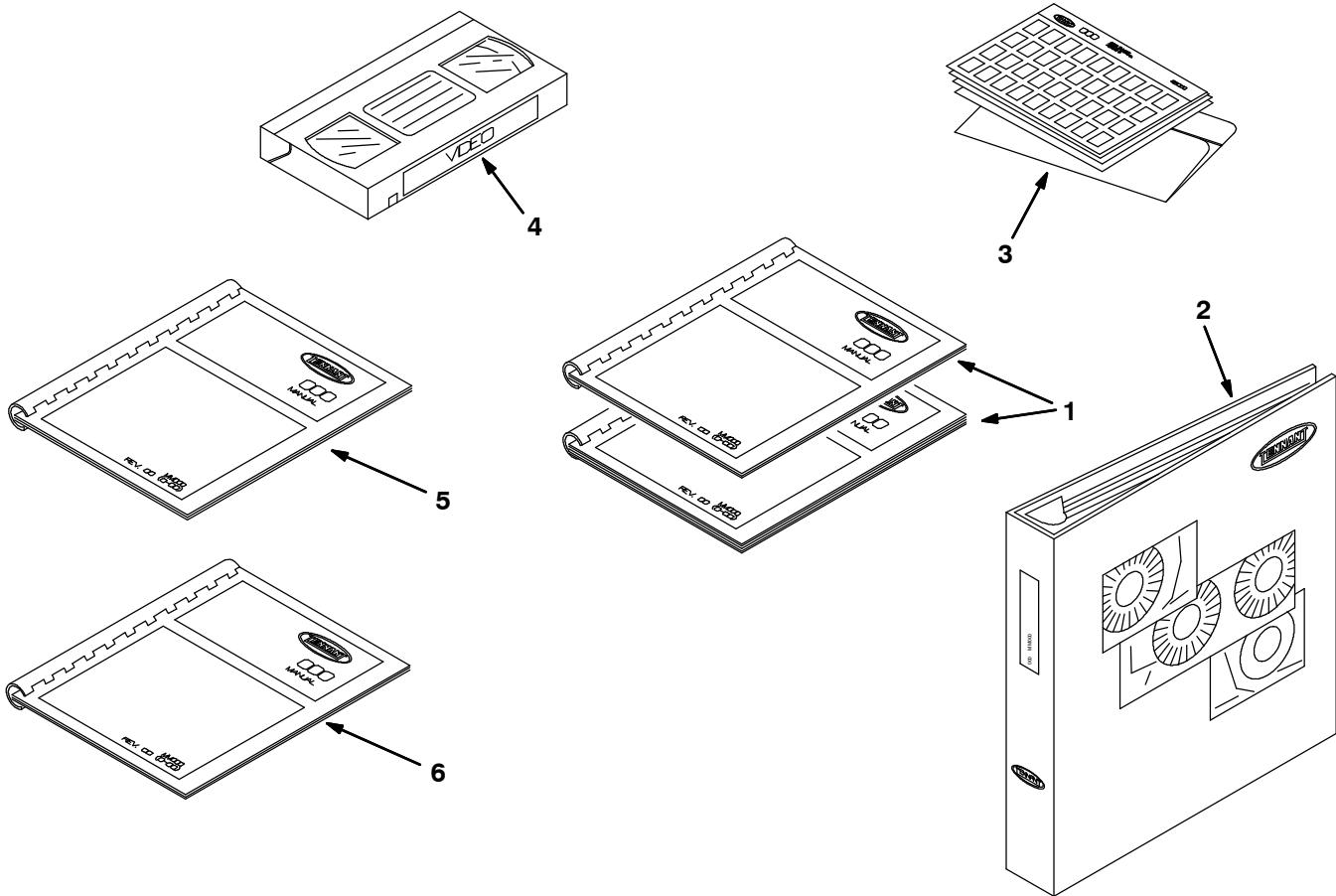


06087-06087

Ref.	Tenant Part No.	Machine Serial Number	Description	Qty.
▼	41328	(000000- )	Fire Extinguisher Kit	1
▲ 1	25312	(000000- )	Extinguisher, Fire	1
▲ 2	41329	(000000- )	Bar	1
▲ 3	41330	(000000- )	Bar	1

## OPTIONS

Fig. 34 - Documentation Group



10718-07501

Ref.	Tenant Part No.	Machine Serial Number	Description	Qty.
1	MM419	(000000-	) Manual Pkg 515SS	1
2	MM421	(000000-	) Manual Service 515	1
3	85419	(000000-	) Manual - Fiche Pkg 515SS	1
4	363456	(000000-	) Tape, Video, Operator 515	1
5	MM419ES	(000000-	) Manual Optm 515SS ES	1
6	MM419FR	(000000-	) Manual Optm 515SS FR	1

**SECTION 4****CONTENTS**

	<b>PAGE</b>
Fig. 1 - Electric Motor Breakdown, 17363 .....	4-2
Fig. 2 - Electric Motor Breakdown, 16225 .....	4-4
Fig. 3 - Electric Motor Breakdown, 16224 .....	4-5
Fig. 4 - Electric Motor Breakdown, 60198 .....	4-6
Fig. 5 - Electric Motor Breakdown, 04922 .....	4-7
Fig. 6 - Water Pump Breakdown, 17333 .....	4-8
Fig. 7 - Water Pump Breakdown, 65590 .....	4-9
Fig. 8 - Gearbox Breakdown, 16223 .....	4-10
Fig. 9 - Gearbox Breakdown, 16226 .....	4-11
Fig. 10 - Gearbox Breakdown, 363164 .....	4-12
Fig. 11 - Gearbox Breakdown, 375111 .....	4-13
Fig. 12 - Gearbox Breakdown, 375110 .....	4-14
Fig. 13 - Gearbox Breakdown, 375100 .....	4-15

## BREAKDOWNS

Fig. 1 - Electric Motor Breakdown, 17363

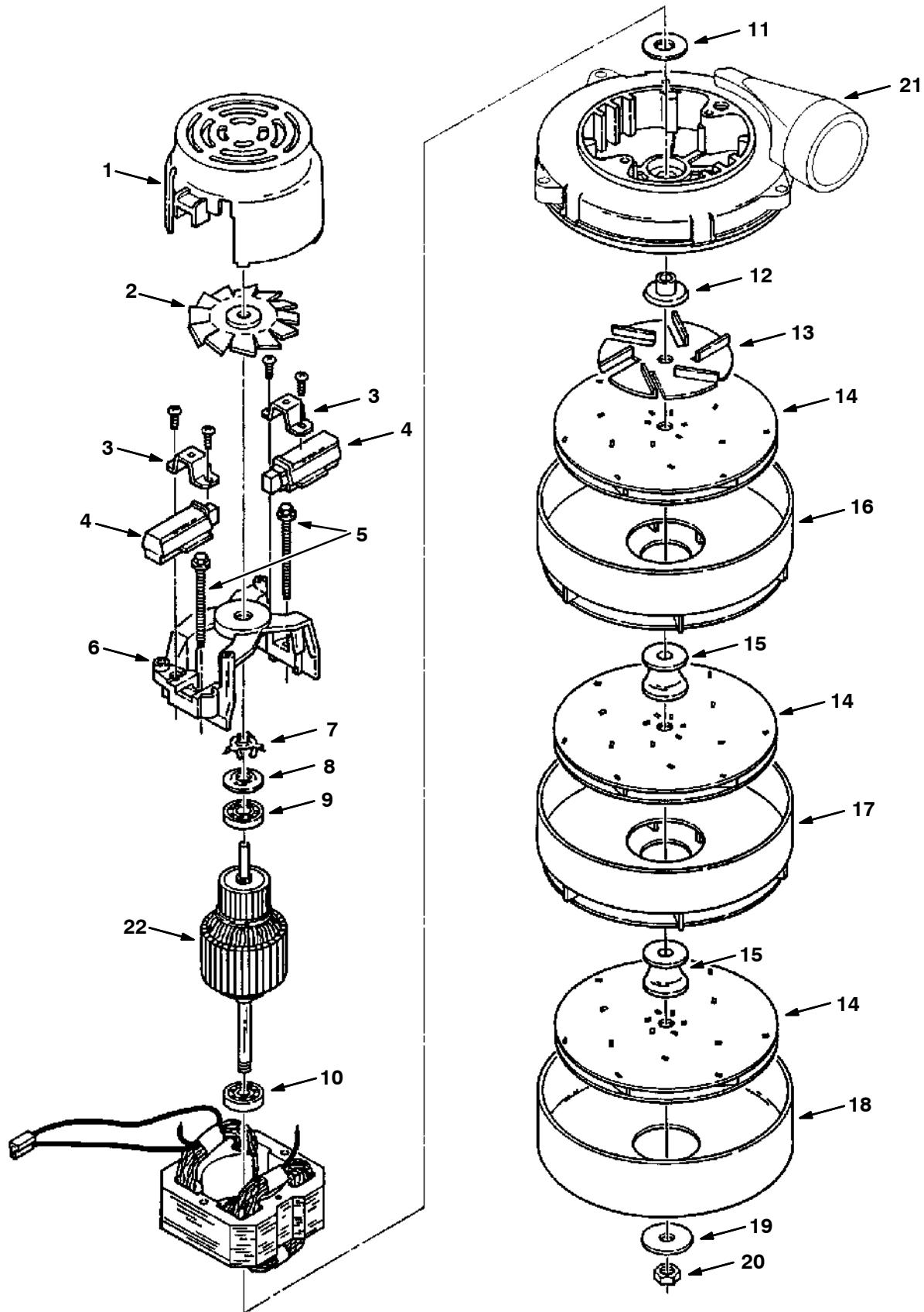
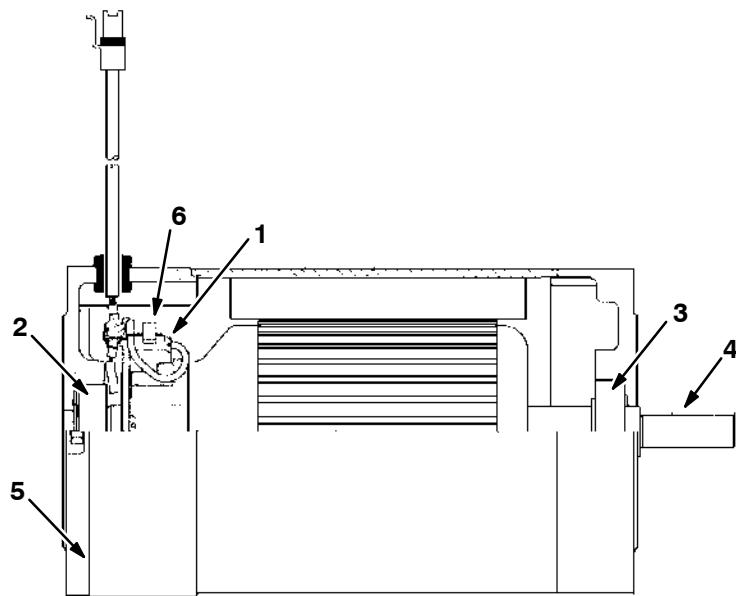
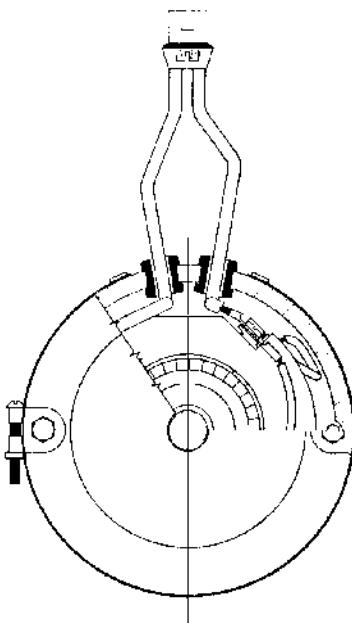


Fig. 1 - Electric Motor Breakdown, 17363

Ref.	Tenant Part No.	Machine Serial Number	Description	Qty.
▽	17363	(000000-	) Fan, Vacuum	1
▲	1 37926	(000000-	) Housing	1
▲	2 61298	(000000-	) Fan	1
▲	3 01982	(000000-	) Clamp	2
▲	4 11756	(000000-	) Brush Mechanism	2
▲	5 01969	(000000-	) Screw	2
▲	6 01983	(000000-	) Comm. Bracket	1
▲	7 01856	(000000-	) Spring	1
▲	8 37909	(000000-	) Disc	1
▲	9 01842	(000000-	) Bearing	1
▲	10 01837	(000000-	) Bearing	1
▲	11 37912	(000000-	) Washer, Neo.	1
▲	12 18627	(000000-	) Spacer	1
▲	13 01971	(000000-	) Fan	1
▲	14 18628	(000000-	) Vacuum Fan	3
▲	15 18630	(000000-	) Spacer	2
▲	16 61300	(000000-	) Stationary Fan	1
▲	17 61297	(000000-	) Stationary Fan	1
▲	18 61301	(000000-	) Shell	1
▲	19 18632	(000000-	) Washer	1
▲	20 37929	(000000-	) Nut	1
▲	10925	(000000-	) Connector, 2 Conductor	1
▲	10926	(000000-	) Terminal, Female	2
▲	21 60386	(000000-	) Bracket, Fan End	1
▲	22 21765	(000000-	) Armature	1

## BREAKDOWNS

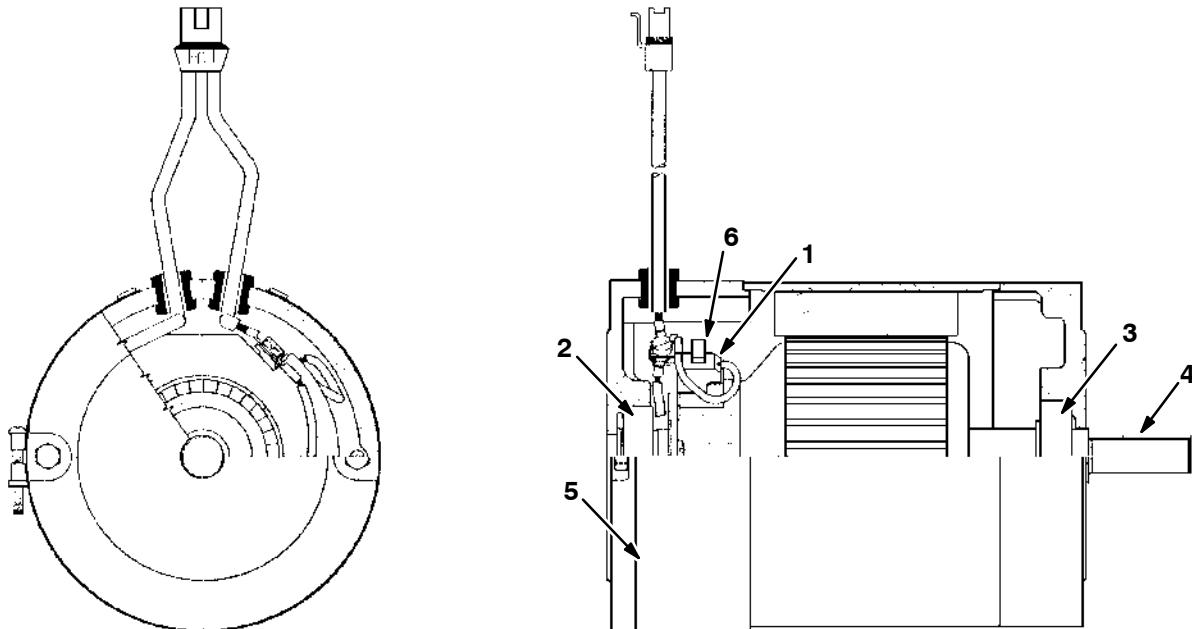
Fig. 2 - Electric Motor Breakdown, 16225



06858-06859

Tenant Ref.	Part No.	Machine Serial Number	Description	Qty.
▽	16225	(000000-	) Motor, Electric	1
▲	41367	(000000-	) Brush Kit	4
▲	41368	(000000-	) Bearing	1
▲	41369	(000000-	) Bearing	1
▲	00918	(000000-	) Key, Square	1
▲	24537	(000000-	) Terminal, Female	2
▲	10925	(000000-	) Connector, 2 Conductor	1
▲	375017	(000000-	) Band Assy	1
▲	21799	(000000-	) Brush Ring/Holder Assembly	1

Fig. 3 - Electric Motor Breakdown, 16224

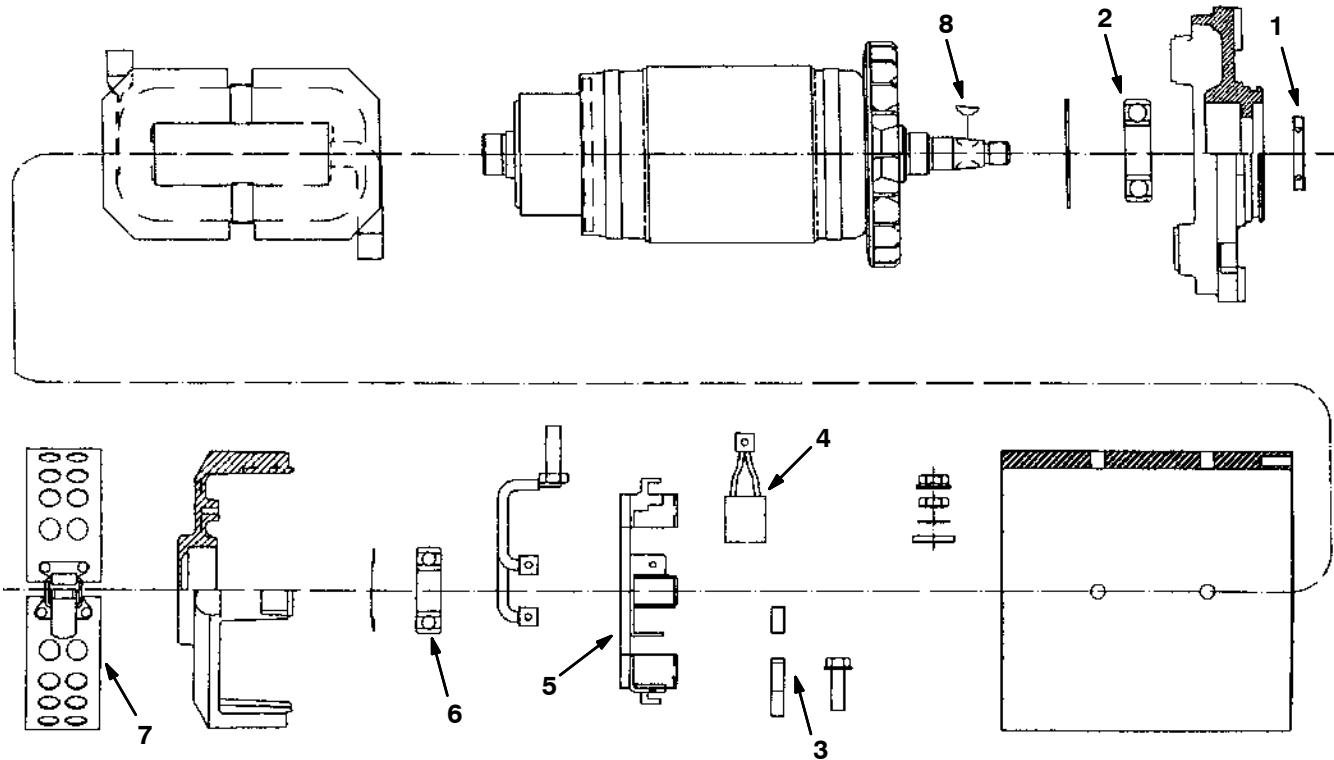


06860-06861

Ref.	Tenant Part No.	Machine Serial Number	Description	Qty.
▼	16224	(000000-	) Motor, Electric	1
▲	1	41367	(000000-) Brush Kit	4
▲	2	41368	(000000-) Bearing	1
▲	3	41371	(000000-) Bearing	1
▲	4	00918	(000000-) Key, Square	1
▲	24537	(000000-	) Terminal, Female	2
▲	10925	(000000-	) Connector, 2 Conductor	1
▲	5	375017	(000000-) Band Assy	1
▲	6	21799	(000000-) Brush Ring/Holder Assembly	1

## BREAKDOWNS

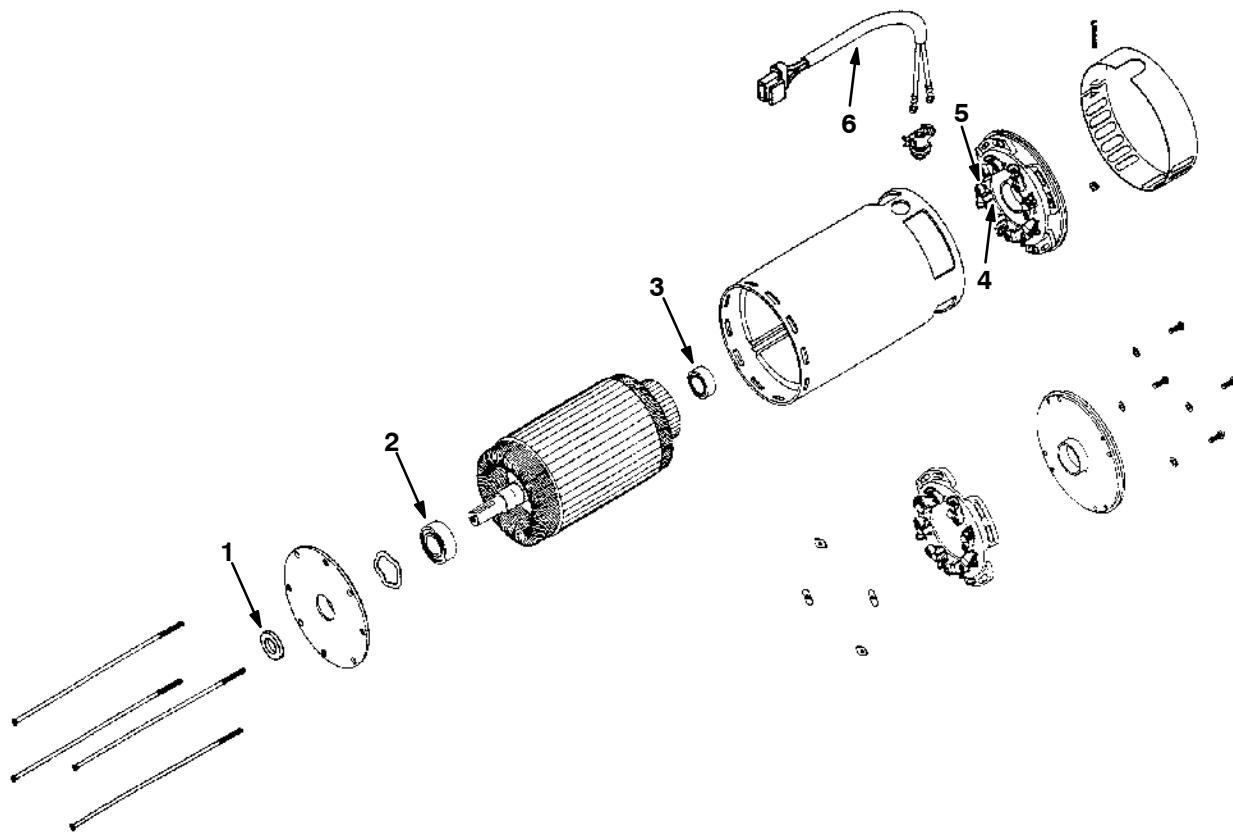
Fig. 4 - Electric Motor Breakdown, 60198



10413-10414

Ref.	Tenant Part No.	Machine Serial Number	Description	Qty.
▽	60198	(000000-	) Motor, Traction 3.0 Hp	1
▲	1 48753	(000000-	) Seal	1
▲	2 48754	(000000-	) Bearing	1
▲	3 48755	(000000-	) Brush Spring	4
▲	4 363491	(000000-	) Brush Kit, Propelling Motor	1
▲	5 48757	(000000-	) Brush Box And Plate Assembly	1
▲	6 48758	(000000-	) Bearing	1
▲	7 48759	(000000-	) Head Band Ass'y	1
▲	8 00500-7	(000000-	) Key-Wdruff 0.16 0.62	1

Fig. 5 - Electric Motor Breakdown, 04922

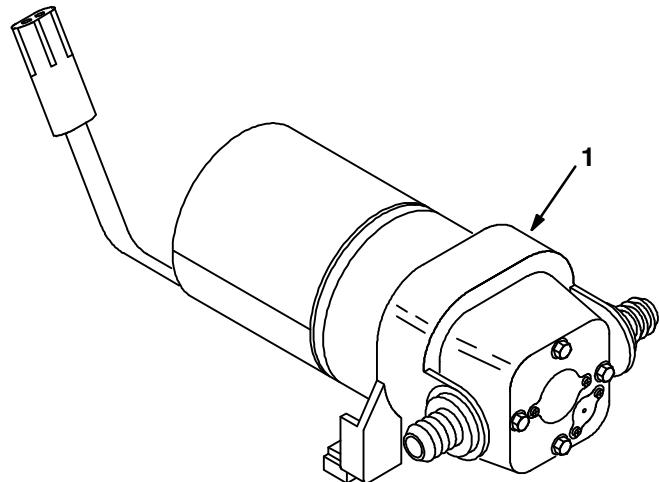


05208-00169

Ref.	Tenant Part No.	Machine Serial Number	Description	Qty.
▽	04922	(000000-	) Motor, Electric	1
▲	1 37637	(000000-	) Seal, Oil	1
▲	2 18626	(000000-	) Bearing	1
▲	3 38378	(000000-	) Bearing	1
▲	4 37638	(000000-	) Brush Assembly	8
▲	5 11757	(000000-	) Spring	8
▲	6 21757	(000000-	) Cord, Lead	1

## BREAKDOWNS

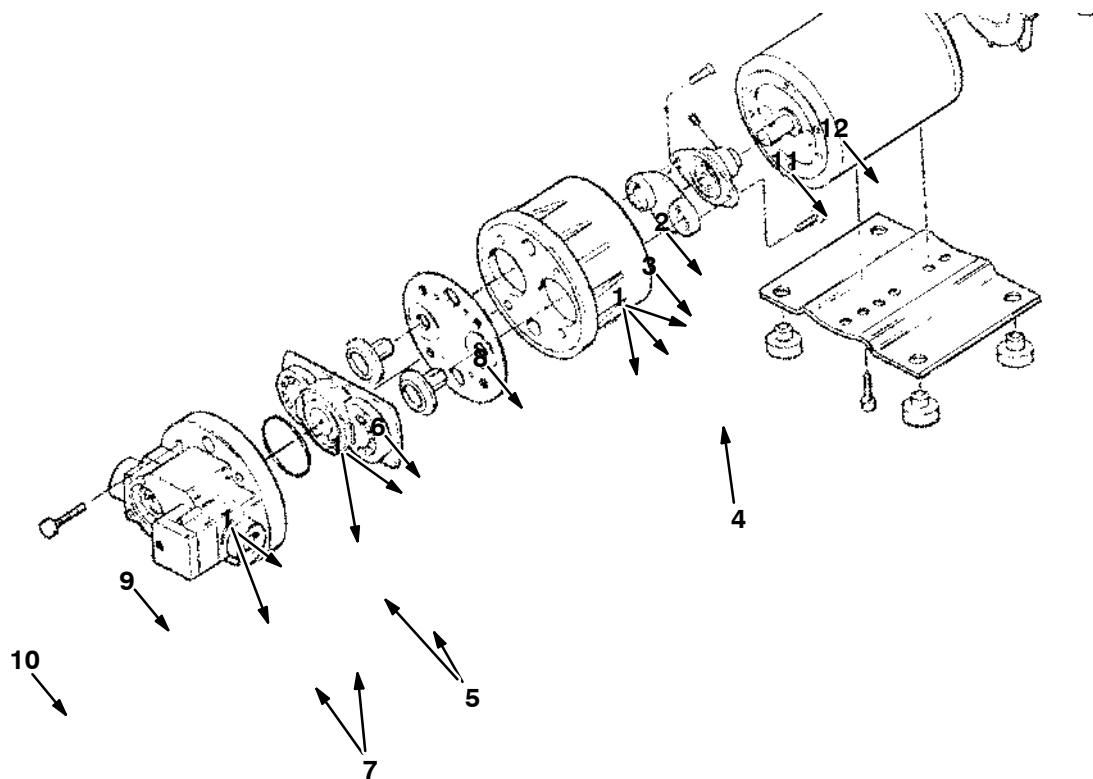
Fig. 6 - Water Pump Breakdown, 17333



06862-06865

Ref.	Tenant Part No.	Machine Serial Number	Description	Qty.
▽	1 17333	(000000-	) Pump, Water	1
▲	41309	(000000-	) Motor, 36VDC	1
▲	41310	(000000-	) Endbell, Brush	1
▲	41311	(000000-	) Diaphram Kit	1
▲	41312	(000000-	) Cam/Bearing Kit	1
▲	375010	(000000-	) Check Valve Assembly	1
▲	375011	(000000-	) Port Kit	2
▲	10918	(000000-	) Connector, 2 Conductor	1
▲	10919	(000000-	) Terminal, Male	2
▲	10917	(000000-	) Seal, Connector	2

Fig. 7 - Water Pump Breakdown, 65590

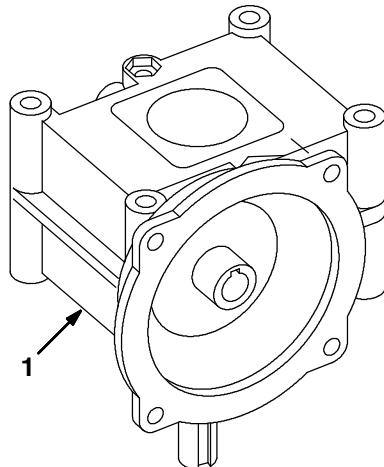


07525-07526

Ref.	Tenant Part No.	Machine Serial Number	Description	Qty.
▽	65590	(000000-	Pump, Water	1
▲	1 65678	(000000-	) Seal Kit	1
▲	2 65667	(000000-	) Cam/Bearing Screw	1
▲	3 65668	(000000-	) Cam/Bearing Set Screw	1
▲	4 370923	(000000-	) Cam/Bearing/Diaphram Kit	1
▲	5 65671	(000000-	) Piston Inner/Out	1
▲	6 65672	(000000-	) Diaphram Kit	1
▲	7 65673	(000000-	) Check Valve Assembly	1
▲	8 65670	(000000-	) Bearing Cover	1
▲	9 65674	(000000-	) Switch Assembly/Housing	1
▲	10 65675	(000000-	) Pump Screws	1
▲	11 65676	(000000-	) Motor, 36VDC	1
▲	12 65677	(000000-	) Brush/Rectifier Assembly	1
▲	10923	(000000-	) Connector, 2 Conductor	1
▲	10924	(000000-	) Terminal, Male	2
▲	10917	(000000-	) Seal, Connector	2

## BREAKDOWNS

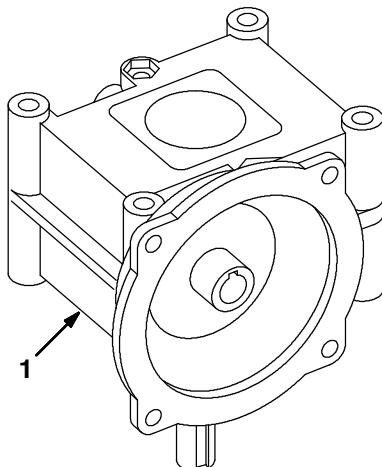
Fig. 8 - Gearbox Breakdown, 16223



352789-352790

Tenant Ref.	Part No.	Manufacturer Serial Number	Description	Qty.
▽ 1	16223	(000000-	) Gearbox	1
▲	41412	(000000-	) Bearing	4
▲	41413	(000000-	) Seal, Input Oil	1
▲	41414	(000000-	) Seal, Output Oil	1
▲	41415	(000000-	) Plug	2
▲	24451	(000000-	) Lubricant, Synthetic	1
▲	32740	(000000-	) Shaft Assembly, Output, Std. Duty	1

Fig. 9 - Gearbox Breakdown, 16226

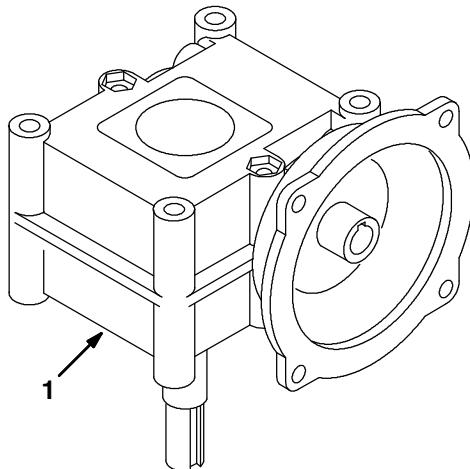


352787-352788

Tenant Ref.	Part No.	Manufacturer Serial Number	Description	Qty.
▽ 1	16226	(000000-	) Gearbox	1
▲	41416	(000000-	) Bearing	4
▲	41417	(000000-	) Seal, Input Oil	1
▲	41418	(000000-	) Seal, Output Oil	1
▲	41419	(000000-	) Plug	2
▲	24451	(000000-	) Lubricant, Synthetic	1
▲	32741	(000000-	) Shaft Assembly, Output, Heavy Duty	1

## BREAKDOWNS

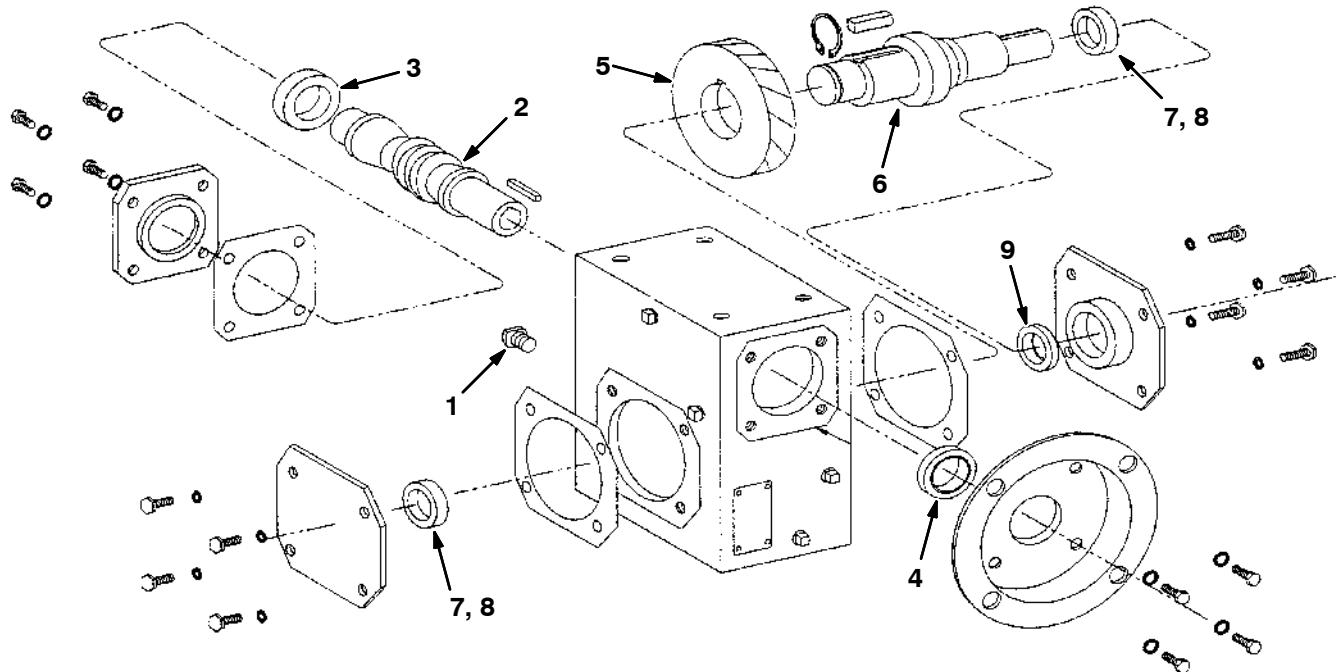
Fig. 10 - Gearbox Breakdown, 363164



352785-352786

Ref.	Tenant Part No.	Manufacturer Serial Number	Description	Qty.
▽	1	363164	(000000-) ) Gearbox	1
▲	41412	(000000- )	Bearing	4
▲	41413	(000000- )	Seal, Input Oil	1
▲	41414	(000000- )	Seal, Output Oil	1
▲	41415	(000000- )	Plug	2
▲	24451	(000000- )	Lubricant, Synthetic	1
▲	32740	(000000- )	Shaft Assembly, Output, Std. Duty	1

Fig. 11 - Gearbox Breakdown, 375111

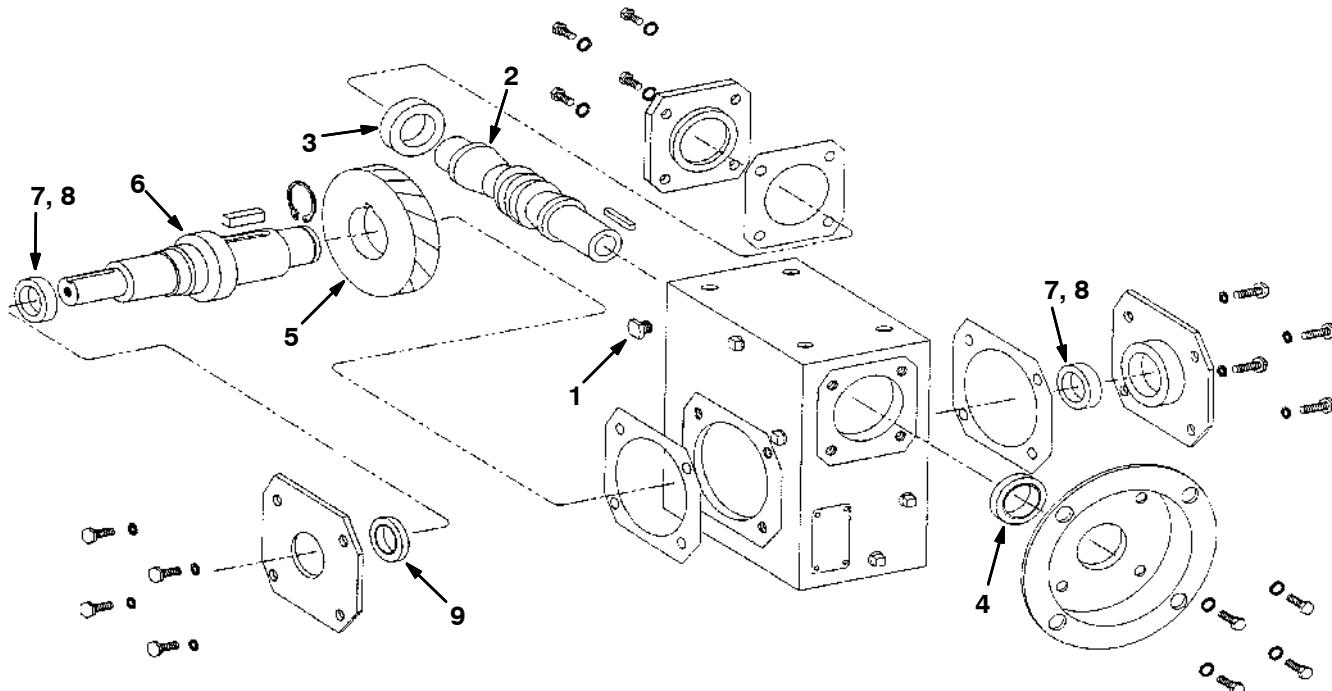


352779-352780

Ref.	Tenant Part No.	Manufacturer Serial Number	Description	Qty.
▽	375111	(000000-	) Gearbox, W/O Mount	1
▲ 1	375089	(000000-	) Breather	1
▲ 2	375090	(000000-	) Input Shaft	1
▲ 3	375092	(000000-	) Bearing	1
▲ 4	375093	(000000-	) Seal	1
▲ 5	375094	(000000-	) Gear	1
▲ 6	375095	(000000-	) Output Shaft	1
▲ 7	375097	(000000-	) Bearing Cone	2
▲ 8	375098	(000000-	) Bearing Cup	2
▲ 9	375099	(000000-	) Seal	1

## BREAKDOWNS

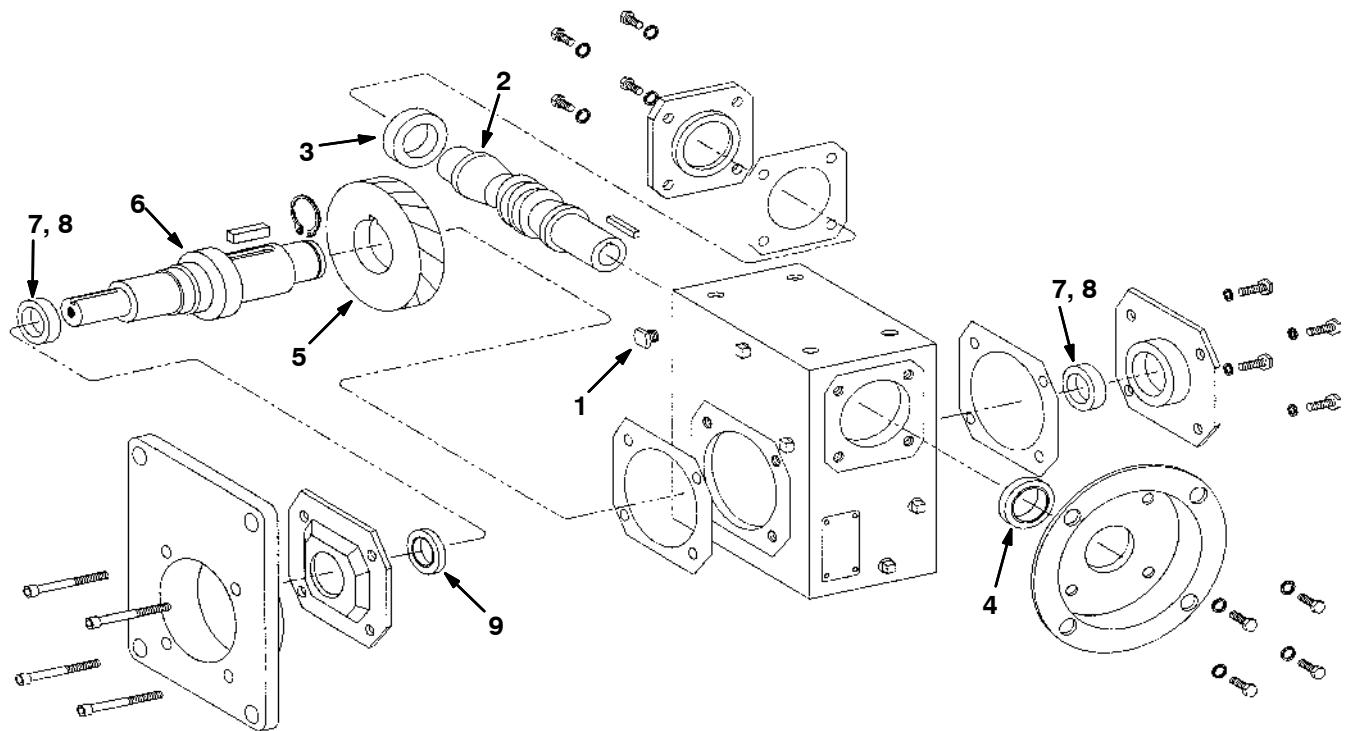
Fig. 12 - Gearbox Breakdown, 375110



352781-352782

Ref.	Tenant Part No.	Manufacturer Serial Number	Description	Qty.
▽	375110	(000000-	) Gearbox, W/O Mount	1
▲	1	375089	(000000-) Breather	1
▲	2	375090	(000000-) Input Shaft	1
▲	3	375092	(000000-) Bearing	1
▲	4	375093	(000000-) Seal	1
▲	5	375094	(000000-) Gear	1
▲	6	375095	(000000-) Output Shaft	1
▲	7	375097	(000000-) Bearing Cone	2
▲	8	375098	(000000-) Bearing Cup	2
▲	9	375099	(000000-) Seal	1

Fig. 13 - Gearbox Breakdown, 375100



352783-352784

Ref.	Tenant Part No.	Manufacturer Serial Number	Description	Qty.
▼	375100	(000000- )	Gearbox, W Mount	1
▲ 1	375089	(000000- )	Breather	1
▲ 2	375090	(000000- )	Input Shaft	1
▲ 3	375092	(000000- )	Bearing	1
▲ 4	375093	(000000- )	Seal	1
▲ 5	375094	(000000- )	Gear	1
▲ 6	375096	(000000- )	Output Shaft	1
▲ 7	375097	(000000- )	Bearing Cone	2
▲ 8	375098	(000000- )	Bearing Cup	2
▲ 9	375099	(000000- )	Seal	1

## BREAKDOWNS

**SECTION 5****CONTENTS**

	<b>PAGE</b>
PART NUMBER TO PAGE NUMBER CROSS REFERENCE LIST .....	5-2
PART DESCRIPTION TO PAGE NUMBER CROSS REFERENCE LIST .....	5-11

## CROSS REFERENCE

### PART NUMBER TO PAGE NUMBER CROSS REFERENCE LIST

Part Number	Page Number	Part Number	Page Number
MM419 .....	3-44	06944 .....	2-81
MM419ES .....	3-44	06969 .....	2-21
MM419FR .....	3-44	06971 .....	2-21
MM421 .....	3-44	07112 .....	2-13
00500-10 .....	2-13, 2-33	07259 .....	2-44, 2-61
00500-7 .....	4-6	07514 .....	2-73
00912 .....	2-29, 2-31	07515 .....	2-81
00918 .....	4-4, 4-5	07786 .....	2-27, 2-65, 2-67
00926 .....	2-29	07787 .....	2-27
00927 .....	2-43, 2-55	07791 .....	2-9, 2-17
01047 .....	2-29	07792 .....	2-69
01513 .....	2-29, 2-33	08708 .....	2-9, 2-11
01684 .....	2-27, 2-29, 2-31, 2-33, 2-37, 2-39	08709 .....	2-11, 2-19
01685 .....	2-17, 2-19, 2-27, 2-31, 2-33, 2-35, 2-37, 2-43, 2-49, 2-55, 2-59, 2-60, 2-65, 2-67, 2-69, 3-19	08711 .....	2-21
01686 .....	2-29, 2-35, 2-37, 2-43, 2-55, 2-60, 2-69	08712 .....	2-33, 2-39
01726 .....	3-24, 3-25, 3-26, 3-27, 3-28, 3-29, 3-30, 3-31, 3-32, 3-33	08713 .....	2-31, 2-37, 2-43, 2-49, 2-55, 2-59, 2-60, 2-65, 2-67, 2-69, 3-19
01754 .....	2-81	08714 .....	2-37, 2-57, 2-60, 2-69
01757 .....	2-81	08716 .....	2-27, 2-33
01760 .....	2-49, 2-59	09007 .....	2-33, 2-37, 2-39
01764 .....	2-11	09010 .....	2-27, 2-31, 2-33, 2-37, 2-57, 2-60
01837 .....	4-3	09011 .....	2-43, 2-60, 2-65, 2-67
01842 .....	4-3	09026 .....	2-65
01856 .....	4-3	09028 .....	2-57, 2-60, 2-69
01969 .....	4-3	09030 .....	2-15
01971 .....	4-3	09087 .....	2-11, 2-45, 2-60
01982 .....	4-3	09088 .....	2-17, 2-19
01983 .....	4-3	09146 .....	2-81
02076 .....	2-15	09198 .....	2-5, 2-7
02356 .....	2-29	09294 .....	2-15, 2-17
02715 .....	2-39	09297 .....	2-11
02991 .....	2-55	09370 .....	2-19
02992 .....	2-55	09739 .....	2-60
03193 .....	2-35	09740 .....	2-31, 2-35, 2-43, 2-49, 2-55, 2-59, 2-61, 2-65, 2-69
04417 .....	2-37, 2-69	09741 .....	2-61
04679 .....	2-83	09744 .....	2-65, 2-67
04733-10 .....	2-71	09745 .....	2-61
04733-9 .....	2-33	09773 .....	2-39
04843 .....	2-13, 2-57, 3-5	10444 .....	2-71
04922 .....	2-29, 4-7	10632-1 .....	2-81, 2-83
05280 .....	2-79	10632-11 .....	3-9
05686 .....	2-43, 2-71	10632-12 .....	3-11
05724 .....	2-7	10632-13 .....	2-41
05726 .....	2-7	10632-17 .....	2-83
06279 .....	2-47, 2-71	10632-18 .....	2-39
06416 .....	2-47	10632 .....	2-83
06419 .....	2-27	10917 .....	4-8, 4-9
06474A .....	2-25	10918 .....	4-8
06532 .....	2-39	10919 .....	4-8
06598 .....	2-17, 2-19	10923 .....	4-9
06942 .....	2-17, 2-19	10924 .....	4-9
06943 .....	2-9, 2-11	10925 .....	4-3, 4-4, 4-5
		10926 .....	4-3
		11218 .....	2-5, 2-7

## CROSS REFERENCE

Part Number	Page Number	Part Number	Page Number
11329 . . . . .	2-29, 2-31	14672 . . . . .	2-3, 2-43
11399 . . . . .	2-75, 3-3	14673 . . . . .	2-3, 2-43
11442-3 . . . . .	3-3	14674 . . . . .	2-3, 2-43
11636 . . . . .	3-21	14675 . . . . .	2-52, 2-53, 2-67
11651 . . . . .	2-79	14676 . . . . .	2-52
11756 . . . . .	4-3	14677 . . . . .	2-53, 2-67
11757 . . . . .	4-7	14715 . . . . .	3-3
12060 . . . . .	2-51, 3-5	14724 . . . . .	3-14
12263 . . . . .	2-25, 3-5	14725 . . . . .	2-49, 2-59
12269 . . . . .	2-29, 2-31	14727 . . . . .	3-12
12271 . . . . .	3-7	14731 . . . . .	2-77
12317 . . . . .	2-31, 2-69	14734 . . . . .	3-5
12333 . . . . .	2-33, 2-39	14807 . . . . .	3-9
12540 . . . . .	2-15	14811 . . . . .	2-51
12542 . . . . .	2-3, 2-70	14818 . . . . .	3-5
14051 . . . . .	2-9	14820 . . . . .	3-13
14147 . . . . .	2-75	14838 . . . . .	2-5, 2-7
14148 . . . . .	2-73	14849 . . . . .	3-5
14150 . . . . .	2-13	14864 . . . . .	2-73, 2-75
14227 . . . . .	2-19	14877 . . . . .	2-51
14282 . . . . .	2-23	14880 . . . . .	2-73, 2-75
14296 . . . . .	2-13	14910 . . . . .	2-17
14330 . . . . .	2-19	14933 . . . . .	2-47
14333 . . . . .	2-13	14951 . . . . .	3-15
14335 . . . . .	2-13	14953 . . . . .	2-5
14336 . . . . .	2-13	14967 . . . . .	2-5
14351 . . . . .	2-13	14971 . . . . .	3-14
14355 . . . . .	2-13	14983 . . . . .	3-21
14368 . . . . .	2-25	14987 . . . . .	3-13
14397 . . . . .	2-25	14990 . . . . .	2-9
14400 . . . . .	2-25	14993 . . . . .	2-9
14409 . . . . .	2-25	14994 . . . . .	2-9
14416 . . . . .	2-77	14995 . . . . .	2-9
14422 . . . . .	2-77	14998 . . . . .	3-14
14426 . . . . .	2-77	15012 . . . . .	2-83
14438 . . . . .	2-77	15018 . . . . .	2-45, 2-60
14439 . . . . .	2-73, 2-75	150208 . . . . .	3-39
14441 . . . . .	2-77	15023 . . . . .	2-45, 2-60
14455 . . . . .	3-19	15025 . . . . .	2-73
14464 . . . . .	2-49, 2-59	15034 . . . . .	2-73
14465 . . . . .	3-15	15047 . . . . .	2-52, 2-53, 2-67
14473 . . . . .	2-17	15054 . . . . .	3-5
14475 . . . . .	2-17	15057 . . . . .	2-51
14514 . . . . .	3-14	15079 . . . . .	3-5
14516 . . . . .	2-11	15082 . . . . .	3-5
14523 . . . . .	2-44	15391 . . . . .	2-81
14524 . . . . .	2-44, 2-61	15392 . . . . .	2-81
14530 . . . . .	2-59	15491 . . . . .	2-77
14555 . . . . .	2-71	15493 . . . . .	2-77
14567 . . . . .	2-43	15510 . . . . .	3-5
14575 . . . . .	2-3, 2-70	15511 . . . . .	3-5
14584 . . . . .	2-5	15513 . . . . .	3-21
14586 . . . . .	2-5	15539 . . . . .	2-5, 2-7
14626 . . . . .	2-43	15568 . . . . .	2-60
14648 . . . . .	2-52, 2-53, 2-65, 2-67	15569 . . . . .	2-45, 2-60
14657 . . . . .	3-14	15645 . . . . .	2-52, 2-65
14662 . . . . .	2-71	15647 . . . . .	2-53, 2-67
14666 . . . . .	2-43	15648 . . . . .	2-37, 2-47
14671 . . . . .	2-3, 2-43	15649 . . . . .	2-45, 2-60

## CROSS REFERENCE

Part Number	Page Number	Part Number	Page Number
15650 . . . . .	2-47	16931 . . . . .	2-9, 2-11
15675 . . . . .	2-49, 2-59, 2-63, 2-65, 2-67	16942 . . . . .	2-43
15678 . . . . .	2-51	16944 . . . . .	2-9, 3-34, 3-35
15681 . . . . .	2-52, 2-53, 2-65, 2-67	16946 . . . . .	2-43
15742 . . . . .	2-47	16956 . . . . .	2-33
15815 . . . . .	2-13	16966 . . . . .	3-19
15830 . . . . .	2-13	16967 . . . . .	2-85
15838 . . . . .	3-3	17038 . . . . .	2-70
15840 . . . . .	2-81	17083 . . . . .	2-70
15864 . . . . .	2-47	17084 . . . . .	2-70
15900 . . . . .	2-45, 2-60	17104 . . . . .	2-70
15951 . . . . .	2-3, 2-43	17118 . . . . .	3-3
15952 . . . . .	2-3, 2-43	17129 . . . . .	2-85
15953 . . . . .	2-43	17140 . . . . .	2-70
15964 . . . . .	2-9	17164 . . . . .	2-85
15965 . . . . .	3-3	17186 . . . . .	2-25
15966 . . . . .	2-52, 2-53, 2-65, 2-67	17188 . . . . .	2-77, 2-85
15977 . . . . .	2-77	17191 . . . . .	2-9
15987 . . . . .	3-3	17194 . . . . .	2-47
15990 . . . . .	2-69	17200 . . . . .	2-94
15991 . . . . .	3-7	17260 . . . . .	2-5
16179 . . . . .	3-21	17261 . . . . .	2-5
16193 . . . . .	2-11	17262 . . . . .	2-5
16196 . . . . .	2-11	17263 . . . . .	2-5
16200 . . . . .	2-11	17284 . . . . .	2-65, 2-67
16201 . . . . .	2-11	17288 . . . . .	2-65, 2-67
16202 . . . . .	2-73	17333 . . . . .	3-3, 4-8
16203 . . . . .	2-73	17363 . . . . .	2-39, 2-85, 4-3
16204 . . . . .	2-77	18136 . . . . .	2-29
16205 . . . . .	2-73	18626 . . . . .	4-7
16223 . . . . .	2-43, 2-55, 4-10	18627 . . . . .	4-3
16224 . . . . .	2-43, 2-55, 4-5	18628 . . . . .	4-3
16225 . . . . .	3-19, 4-4	18630 . . . . .	4-3
16226 . . . . .	3-19, 4-11	18632 . . . . .	4-3
16355 . . . . .	2-69	18811 . . . . .	2-39, 2-85
16356 . . . . .	3-3	19066 . . . . .	2-81
16367 . . . . .	2-13	19783 . . . . .	2-7
16368 . . . . .	2-23, 2-61	19800 . . . . .	3-37
16369 . . . . .	2-23	19903 . . . . .	3-34, 3-35
16370 . . . . .	2-13	20634 . . . . .	2-39
16386 . . . . .	2-13	20810 . . . . .	2-75
16539 . . . . .	2-9	20811 . . . . .	2-75
16735 . . . . .	2-9	20932 . . . . .	3-34, 3-35
16816 . . . . .	2-69	20933 . . . . .	3-34, 3-35
16880 . . . . .	3-12	21196 . . . . .	2-55
16889 . . . . .	3-12	21757 . . . . .	4-7
16890 . . . . .	3-12	21765 . . . . .	4-3
16891 . . . . .	3-19	21799 . . . . .	4-4, 4-5
16893 . . . . .	3-7	222111 . . . . .	2-41
16902 . . . . .	2-85	222116 . . . . .	2-79
16903 . . . . .	2-85	222178 . . . . .	2-27, 2-55
16906 . . . . .	2-79	222196 . . . . .	2-27, 2-55
16910 . . . . .	3-3	222277 . . . . .	2-57
16911 . . . . .	3-3	222290 . . . . .	2-41, 2-79, 2-81
16912 . . . . .	2-75	222296 . . . . .	2-41
16913 . . . . .	2-51	222298 . . . . .	2-41
16914 . . . . .	2-51	222460 . . . . .	2-31
16917 . . . . .	2-73	222466 . . . . .	2-13, 2-79
16919 . . . . .	2-85	222505 . . . . .	2-57
16923 . . . . .	2-79	222506 . . . . .	2-43, 2-55

## CROSS REFERENCE

Part Number	Page Number	Part Number	Page Number
222534 .....	2-79	32523 .....	2-69
222556 .....	2-57	32600 .....	3-42
22297 .....	2-85	32657 .....	2-5
223054 .....	2-71	32661 .....	2-5
223264 .....	2-39, 2-85	32662 .....	2-73
23456 .....	3-34, 3-35	32663 .....	2-73
23683 .....	2-35	32707 .....	2-52
24105 .....	3-3	32710 .....	2-53, 2-67
24107 .....	2-59, 2-75	32713 .....	2-71
24174 .....	2-73	32715 .....	2-71
24175 .....	2-75	32720 .....	2-29
24196 .....	2-73	32735 .....	2-69
24199 .....	2-60	32739 .....	2-71
24254 .....	2-44	32740 .....	4-10, 4-12
24288 .....	2-73	32741 .....	4-11
24299 .....	2-5, 2-7	32790 .....	2-75
24301 .....	3-3	33288 .....	2-77
24304 .....	2-3, 2-70	33289 .....	2-77
24306 .....	2-71	33294 .....	3-3
24310 .....	2-43	33295 .....	3-3
24329 .....	2-43	33320 .....	3-22
24353 .....	2-13	33401 .....	2-27
24358 .....	2-73, 2-75	33922 .....	2-31
24438 .....	2-73	35529 .....	2-27
24451 .....	4-10, 4-11, 4-12	360023 .....	2-21
24537 .....	4-4, 4-5	360074 .....	2-21, 3-22, 3-23
24543 .....	2-51	360270 .....	2-21
24544 .....	2-51	360271 .....	2-21
24924 .....	2-11	360272 .....	2-21
25014 .....	2-17	360273 .....	2-21
25197A .....	2-21	360274 .....	2-21
25312 .....	3-43	360275 .....	2-21
26103 .....	2-13	360276 .....	2-21
26156 .....	2-13	360521 .....	3-7, 3-9, 3-11
26395-1 .....	2-39	360980 .....	2-15
26428 .....	2-13	36192 .....	2-9
27184 .....	3-37	362101 .....	2-93
27880 .....	2-51	362190 .....	2-81
27928 .....	2-81	362193 .....	2-83
28010 .....	2-29, 2-33	362199 .....	2-79
29233 .....	2-11, 2-23, 3-15	362200 .....	2-81
29558 .....	2-35	363018 .....	3-21
30216 .....	2-7	363020 .....	2-27
30241 .....	2-7	363032 .....	2-33
30268 .....	3-3	363036 .....	2-31
31204 .....	2-79	363038 .....	2-33
32408 .....	2-29, 2-31	363040 .....	2-29
32432 .....	2-5	363041 .....	2-3, 2-27
32454 .....	2-85	363042 .....	2-3
32485 .....	2-55	363043 .....	2-3
32486 .....	2-21, 2-35, 2-37	363044 .....	2-3, 2-27
32490 .....	2-9, 2-11	363045 .....	2-27
32491 .....	2-9, 2-11, 2-57, 2-60, 2-61	363046 .....	2-33
32493 .....	2-27	363047 .....	2-29
32501 .....	2-73, 2-75	363048 .....	2-29
32502 .....	2-75	363052 .....	2-37
32503 .....	2-73	363057 .....	2-33
32505 .....	2-5	363058 .....	2-33
32506 .....	2-5	363059 .....	2-27
32508 .....	2-73, 2-75	363062 .....	2-31

## CROSS REFERENCE

Part Number	Page Number	Part Number	Page Number
363064 .....	2-37	363233 .....	3-4
363065 .....	2-3, 2-37	363236 .....	2-81
363066 .....	2-3, 2-37	363237 .....	3-19
363067 .....	2-27	363238 .....	2-81
363068 .....	2-27	363244 .....	3-7
363069 .....	2-37	363280 .....	2-9
363071 .....	2-37	363283 .....	2-21
363072 .....	2-39	363284 .....	2-21
363074 .....	2-41	363286 .....	2-79
363080 .....	2-37	363289 .....	2-49
363081 .....	2-33	363290 .....	2-49
363087 .....	2-29, 2-31	363293 .....	2-49
363090 .....	2-29	363301 .....	2-55
363093 .....	2-41	363303 .....	2-81
363094 .....	2-33	363304 .....	3-27
363095 .....	2-33	363305 .....	3-24
363100 .....	2-55	363306 .....	3-25
363113 .....	2-61	363310 .....	2-57
363116 .....	2-59	363311 .....	3-4
363120 .....	2-57	363312 .....	3-3
363122 .....	2-65	363322 .....	2-63
363123 .....	2-3, 2-65	363324 .....	2-9
363125 .....	2-65	363352 .....	3-28, 3-30
363139 .....	2-57	363353 .....	3-30
363142 .....	2-61	363354 .....	3-28
363150 .....	2-47	363362 .....	2-94
363151 .....	2-71	363363 .....	2-94
363152 .....	2-49	363364 .....	2-94
363153 .....	3-26	363366 .....	2-3, 2-29
363155 .....	2-37	363367 .....	2-3, 2-33
363162 .....	2-55	363370 .....	2-3
363163 .....	2-3, 2-55	363374 .....	2-39
363164 .....	2-55, 4-12	363377 .....	2-31
363165 .....	2-3, 2-65	363381 .....	2-37
363166 .....	2-3, 2-65	363382 .....	2-37
363168 .....	2-61	363383 .....	2-37
363175 .....	3-22	363384 .....	2-37
363178 .....	2-19	363385 .....	2-13
363187 .....	2-3, 2-27	363386 .....	2-29
363188 .....	2-3, 2-27	363387 .....	2-83
363193 .....	2-39	363396 .....	2-65
363194 .....	2-39	363400 .....	2-39
363195 .....	2-39	363401 .....	3-4
363199 .....	3-17	363403 .....	2-5, 2-7
363200 .....	3-17	363404 .....	2-71
363202 .....	3-17	363411 .....	2-39
363203 .....	3-17	363413 .....	3-23
363210 .....	2-17	363420 .....	2-71
363215 .....	2-17, 2-19	363423 .....	2-23
363218 .....	2-21	363425 .....	2-17
363220 .....	2-79	363426 .....	2-3, 2-39
363222 .....	2-41	363427 .....	2-3, 2-39
363224 .....	2-83	363428 .....	2-3, 2-27
363226 .....	2-93	363430 .....	2-65
363227 .....	2-39	363431 .....	2-37
363228 .....	2-93	363432 .....	2-55
363229 .....	2-39	363439 .....	2-60
363230 .....	2-71	363441 .....	2-13
363231 .....	2-69	363442 .....	2-23
363232 .....	3-4	363443 .....	2-65

## CROSS REFERENCE

Part Number	Page Number	Part Number	Page Number
363445 .....	2-65	370113 .....	2-73
363446 .....	2-65	370123 .....	2-73
363451 .....	3-9	370133 .....	2-69
363452 .....	3-11	370134 .....	2-69
363456 .....	3-44	370137 .....	3-41
363458 .....	2-61	370140 .....	2-73
363459 .....	2-27	370141 .....	2-73
363460 .....	2-31	370160 .....	2-85
363461 .....	2-29	370167 .....	2-73
363462 .....	3-3	370175 .....	2-81
363463 .....	2-3, 2-39	370176 .....	2-81
363466 .....	2-65	370179 .....	2-35
363468 .....	2-93	370180 .....	2-35
363469 .....	2-65	370923 .....	4-9
363470 .....	3-3	374618 .....	3-34, 3-35
363472 .....	2-27	374675 .....	2-73, 2-75
363479 .....	2-45	375005 .....	2-27
363480 .....	3-21	375007 .....	2-27
363488 .....	2-35	375010 .....	4-8
363489 .....	2-51	375011 .....	4-8
363490 .....	2-63	375014 .....	3-34, 3-35
363491 .....	4-6	375017 .....	4-4, 4-5
363495 .....	2-27	375022 .....	3-3
363496 .....	2-27	375024 .....	2-75
363497 .....	2-39	375025 .....	2-75
363503 .....	2-29, 2-31	375037 .....	2-29
363507 .....	3-32	375038 .....	2-29
363508 .....	3-32	375040 .....	2-55
363509 .....	3-29	375043 .....	2-29
363510 .....	3-28, 3-29	375065 .....	2-55
363511 .....	3-31	375070 .....	2-55
363512 .....	3-29, 3-31	375086 .....	2-55
363513 .....	3-33	375089 .....	4-13, 4-14, 4-15
363514 .....	3-33	375090 .....	4-13, 4-14, 4-15
363515 .....	2-49	375091 .....	2-41, 2-83
363518 .....	2-41	375092 .....	4-13, 4-14, 4-15
363519 .....	2-81	375093 .....	4-13, 4-14, 4-15
363520 .....	3-12	375094 .....	4-13, 4-14, 4-15
363522 .....	2-51	375095 .....	4-13, 4-14
363524 .....	2-93	375096 .....	4-15
363527 .....	2-33	375097 .....	4-13, 4-14, 4-15
363539 .....	2-93	375098 .....	4-13, 4-14, 4-15
363543 .....	2-51	375099 .....	4-13, 4-14, 4-15
363544 .....	2-47	375100 .....	2-43, 4-15
363553 .....	2-83	375110 .....	2-55, 4-14
363935 .....	2-23	375111 .....	2-55, 4-13
363936 .....	2-25	375118 .....	2-55, 2-83
363986 .....	2-13	375119 .....	3-19
365156 .....	2-43, 2-55	37637 .....	4-7
36658 .....	2-39	37638 .....	4-7
36666 .....	2-39	37817 .....	2-37
36801 .....	2-25	37909 .....	4-3
369702 .....	2-81	37912 .....	4-3
369817 .....	3-9, 3-11	37926 .....	4-3
370020 .....	2-5, 2-7	37929 .....	4-3
370080 .....	2-5, 2-7	38378 .....	4-7
370090 .....	2-5, 2-7	383831 .....	2-79
370101 .....	3-3	39278 .....	2-19
370106 .....	2-73	39308 .....	2-25
370112 .....	2-75, 3-3	39349 .....	2-37

## CROSS REFERENCE

Part Number	Page Number	Part Number	Page Number
39471 . . . . .	2-39	44847 . . . . .	2-73, 3-3
39612 . . . . .	3-21	44906 . . . . .	2-52, 2-53, 2-65, 2-67
39785 . . . . .	2-37	44939 . . . . .	2-39
39923 . . . . .	2-85	44961 . . . . .	2-73, 2-85
40145 . . . . .	2-63	45027A . . . . .	2-15
40566 . . . . .	2-51	45272 . . . . .	3-9, 3-11
41169 . . . . .	2-31, 2-69	45283 . . . . .	3-9, 3-11
41178 . . . . .	2-3, 2-17, 2-19, 2-55, 3-7	45290 . . . . .	2-29
41185 . . . . .	2-29	45391 . . . . .	3-7
41186 . . . . .	2-43, 2-55	45486 . . . . .	3-3
41305 . . . . .	2-52, 2-53, 2-67	46390 . . . . .	2-13
41307 . . . . .	2-52, 2-53, 2-67	47701 . . . . .	3-3
41308 . . . . .	2-52, 2-53, 2-67	48051 . . . . .	2-31
41309 . . . . .	4-8	48079 . . . . .	2-69, 2-71
41310 . . . . .	4-8	48588 . . . . .	3-23
41311 . . . . .	4-8	48589 . . . . .	3-23
41312 . . . . .	4-8	48591 . . . . .	3-23
41315 . . . . .	2-51	48595 . . . . .	2-51
41316 . . . . .	3-12	48596 . . . . .	2-51
41328 . . . . .	3-43	48606 . . . . .	3-37
41329 . . . . .	3-43	48607 . . . . .	3-37
41330 . . . . .	3-43	48608 . . . . .	3-37
41342 . . . . .	2-17	48609 . . . . .	3-15, 3-40
41352 . . . . .	2-9	48610 . . . . .	3-37
41359 . . . . .	2-81	48635 . . . . .	2-33
41367 . . . . .	4-4, 4-5	48636 . . . . .	2-33
41368 . . . . .	4-4, 4-5	48697 . . . . .	3-3
41369 . . . . .	4-4	48725 . . . . .	3-34
41371 . . . . .	4-5	48726 . . . . .	3-35
41392 . . . . .	3-21	48728 . . . . .	2-77
41407 . . . . .	3-3	48733 . . . . .	3-34, 3-35
41410 . . . . .	3-3	48734 . . . . .	3-34, 3-35
41412 . . . . .	4-10, 4-12	48738 . . . . .	3-34, 3-35
41413 . . . . .	4-10, 4-12	48739 . . . . .	3-34, 3-35
41414 . . . . .	4-10, 4-12	48748 . . . . .	2-29
41415 . . . . .	4-10, 4-12	48749 . . . . .	2-31
41416 . . . . .	4-11	48753 . . . . .	4-6
41417 . . . . .	4-11	48754 . . . . .	4-6
41418 . . . . .	4-11	48755 . . . . .	4-6
41419 . . . . .	4-11	48757 . . . . .	4-6
41421 . . . . .	2-73, 2-75	48758 . . . . .	4-6
41423 . . . . .	2-83	48759 . . . . .	4-6
41427 . . . . .	3-3	48790 . . . . .	2-11
41435 . . . . .	3-3	48930 . . . . .	3-5
41437 . . . . .	2-37, 2-65	49142 . . . . .	2-63
41440 . . . . .	3-3	49145 . . . . .	2-21
41442 . . . . .	3-7	49266 . . . . .	3-7, 3-9, 3-11, 3-37
41443 . . . . .	3-7	49681 . . . . .	2-25
41445 . . . . .	2-52, 2-53, 2-65, 2-67	49694 . . . . .	2-55
41451 . . . . .	2-73, 2-75	49914 . . . . .	2-37
41454 . . . . .	2-73, 2-75	50011 . . . . .	2-13
41578 . . . . .	2-81	50304 . . . . .	3-15
41579 . . . . .	2-9	50541-1 . . . . .	3-5
43500 . . . . .	2-71	50896 . . . . .	2-63
43611 . . . . .	2-25	50902 . . . . .	2-29, 2-37
43954 . . . . .	2-19	51109 . . . . .	2-17
44078 . . . . .	2-79	51534 . . . . .	2-71
44681-1 . . . . .	3-9, 3-11	51545 . . . . .	2-17
44681-2 . . . . .	3-9, 3-11	51562 . . . . .	2-17
44681 . . . . .	3-9, 3-11	51564 . . . . .	2-69

## CROSS REFERENCE

Part Number	Page Number	Part Number	Page Number
51813 .....	2-49	62595-3 .....	2-83
51824 .....	2-15	63147 .....	2-47, 2-49
52238 .....	2-71	63244-1 .....	3-37
54333 .....	3-37	63248-1 .....	2-7
54390 .....	2-21	63248-2 .....	2-7
54400 .....	2-31	63248-3 .....	2-7
55130 .....	2-39	63248-4 .....	2-7
55248 .....	3-7	63319 .....	2-3
56799 .....	3-21	63430 .....	3-15
56855 .....	2-15	63448 .....	3-15
57164 .....	2-41	63451 .....	3-15
57497 .....	2-13	63810 .....	3-37
57751 .....	2-41, 2-81, 3-7, 3-9, 3-11	63987-1 .....	2-63
57772 .....	2-23	64173 .....	2-52, 2-53, 2-65, 2-67
57803 .....	2-81, 3-7, 3-9, 3-11	64425 .....	2-29, 2-31, 2-71
578060 .....	3-39	64740 .....	3-37
578061 .....	3-39	65340 .....	3-39
578063 .....	3-39	65341 .....	3-40
578064 .....	3-39	65342 .....	3-37
578066 .....	3-39	65557 .....	3-37
578067 .....	3-39	65577 .....	3-5
57807 .....	3-37	65580 .....	3-37
578071 .....	3-40	65581 .....	3-37
578072 .....	3-40	65582 .....	3-39
578074 .....	3-39	65588 .....	3-37
578077 .....	3-39	65590 .....	3-37, 4-9
578078 .....	3-39	65610 .....	3-39
578091 .....	3-39	65667 .....	4-9
578094 .....	3-39	65668 .....	4-9
578123 .....	3-39	65670 .....	4-9
578124 .....	3-39	65671 .....	4-9
578125 .....	3-39	65672 .....	4-9
578126 .....	3-39	65673 .....	4-9
578143 .....	3-39	65674 .....	4-9
578154 .....	3-39	65675 .....	4-9
578155 .....	3-39	65676 .....	4-9
578160 .....	3-40	65677 .....	4-9
578161 .....	3-39	65678 .....	4-9
578164 .....	3-39	67004 .....	3-15, 3-37
578214 .....	3-39	67767 .....	2-63
578228 .....	3-39	68106 .....	2-39
578276 .....	3-40	69225 .....	2-55
578318 .....	3-40	69582 .....	2-29, 2-52, 2-53, 2-65, 2-67
578439 .....	3-39	69784 .....	2-75
578820 .....	3-40	69785 .....	2-75
578821 .....	3-39	70650 .....	2-33
58075 .....	2-31	71628 .....	2-51
58357 .....	2-37	72950 .....	2-63
58359 .....	2-21	72968 .....	3-37
58494 .....	2-49, 2-59	72971 .....	2-3, 2-55
58819 .....	2-23	73476 .....	3-3
60198 .....	2-15, 4-6	74077 .....	2-35
602036 .....	3-39	74391 .....	2-17, 2-31
60386 .....	4-3	74455 .....	2-39
61212 .....	3-37	75290 .....	2-19
61297 .....	4-3	75375 .....	2-85
61298 .....	4-3	75635 .....	3-34, 3-35
61300 .....	4-3	76062 .....	2-41, 2-83
61301 .....	4-3	76653 .....	2-65
61791 .....	2-15	76782 .....	2-71

## CROSS REFERENCE

Part Number	Page Number
76888 .....	2-79
77334 .....	2-63
78122 .....	3-37
78939 .....	2-29
79246 .....	2-27
79273-2 .....	2-75, 3-5
79320 .....	2-73, 2-75
79497 .....	3-3
79506 .....	2-37
82342 .....	2-11
82839 .....	2-25
82921 .....	2-45, 2-60
84028 .....	2-51
85419 .....	3-44
86240 .....	2-19
86327 .....	2-70
86375 .....	2-83
86379 .....	2-83
86591 .....	2-73, 2-75, 3-3
86636 .....	2-73
86659 .....	2-21
86755 .....	2-75
86759 .....	2-52, 2-53, 2-65, 2-67
86767 .....	3-15
86812 .....	2-3, 2-70
86824 .....	2-51, 2-63, 2-75, 3-3, 3-5
86859 .....	2-3, 2-52, 2-53, 2-67
86860 .....	2-52, 2-53, 2-65, 2-67
86866 .....	2-35
86952 .....	2-73
86953 .....	2-5, 2-73
86970 .....	2-15
87222 .....	2-17, 2-19
87346 .....	3-7
87349 .....	3-7
87355 .....	2-15
87419 .....	2-5, 2-7
87460 .....	3-7
87482 .....	2-83
87483 .....	2-83
87488 .....	2-13
87507 .....	2-83
87583 .....	2-81
87649 .....	3-9, 3-11
87709 .....	3-9, 3-11
87718 .....	2-25
87725 .....	2-25
87750 .....	2-15
87839 .....	2-15
87840 .....	2-15
87841 .....	2-15
87849 .....	2-15
87948 .....	3-7
87949 .....	3-7
87977 .....	2-41

**PART DESCRIPTION TO PAGE NUMBER CROSS REFERENCE LIST****A**

Accelerator, 2-25  
Actuator, 36V, 11.0 Strk 600Lb, 2-37  
Actuator, Edge Scrub, 515, 2-49  
Actuator, Scrubhead Lift 515, 2-47  
Actuator, Squeegee Lift 515, 2-71  
Adapter, Brush, 2-5, 2-7  
Adapter, Head, 3-39  
Adapter, Nozzle, 3-39  
Adapter, Wire, 3-21  
Adaptor, Brush, 2-5, 2-7  
Angle Guide Cover, 2-9  
Angle, Cable Keeper, 2-31  
Angle, Hopper Support, 2-37  
Angle, Mtg, Floor Plate, 2-23  
Angle, Mtg, Latch, 2-9  
Angle, Mtg, Squeegee Lift, 2-65  
Angle, Stop, Side Squeegee, 2-65, 2-67  
Angle, Stop, 2-52, 2-53  
Angle, 2-52, 2-53, 2-67  
Arm Wldt, Hopper Lift, 2-37  
Arm, Brush Removal, 2-31  
Arm, 2-25  
Armature, 4-3  
Axe, Wand, 3-39

**B**

Back, Pad Drive, W/Face 20 Dia., 2-5, 2-7  
Backing Plate, 2-21  
Bag, Power Wand, 3-37  
Ball and Seal Kit, 3-34, 3-35  
Balljoint, 2-25, 3-5  
Band Assy, 4-4, 4-5  
Bar Assembly, Weight, 2-60  
Bar, Mounting, 2-52, 2-53  
Bar, Mtg, 2-65, 2-67  
Bar, Spacer, 2-44  
Bar, Sqge Lift, 2-65  
Bar, Squeegee Lift, 2-52, 2-53, 2-67  
Bar, Support, Brg, 2-17

Bar-Flt .06T 4.00W 5.00L,Rbr, 2-39  
Bar, 3-43  
Basket, 2-75  
Battery Pkg, 36V-380Ah, Wet, 3-24  
Battery Pkg, 36V-420Ah, Wet, 3-25  
Battery, 36V 380Ah Wet, 3-24  
Battery, 36V 700A/h, Dry, 3-27  
Battery, 36V-420Ah, Wet, 3-25  
Battery, 36V-690A/h, Wet, 3-26  
Bearing & Housing, 2-15  
Bearing & Shaft Assy, Brush Drive, 2-29  
Bearing Cone, 4-13, 4-14, 4-15  
Bearing Cover, 4-9  
Bearing Cup, 4-13, 4-14, 4-15  
Bearing, Ball, 2-13  
Bearing, Brake, 2-17, 2-19  
Bearing, Flange 0.500 Bore, 2-37, 2-47  
Bearing, Flange .625 Bore, 2-57  
Bearing, Flange, 2-13, 3-5  
Bearing, Journal, 2-27  
Bearing, Sq Lift, 2-65  
Bearing, Thrust .500, 2-65, 2-67  
Bearing, Thrust, 2-52, 2-53  
Bearing,.50X.38, 2-65, 2-67  
Bearing&Clr ,0.62B 1.57D . W, 2-33  
Bearing-Ball,0.62B 1.38D 0.43W, 2-29, 2-33  
Bearing-Ball,1.18B 2.44D 0.63W, 2-21, 3-22, 3-23  
Bearing, 2-52, 2-53, 4-3, 4-4, 4-5, 4-6, 4-7, 4-10, 4-11, 4-12, 4-13, 4-14, 4-15  
Bellcrank, Water Shutoff, 3-5  
Belt, V 3V X 475, 2-29  
Belt, V 3V X 630, 2-3  
Belt, V 3V X475, 2-3  
Belt, V 3V X630, 2-33  
Bezel, Touch Panel, 2-79  
Blade Assy, Squeegee, Side, 2-3, 2-65  
Blade, Side Squeegee, Front, 2-3, 2-65  
Blade, Squeegee, 3-39  
Bolt-Eye, .25-20Th .25B 1.4L, 2-69, 2-71  
Boot, 90Deg .50D .57X .84, 2-15  
Boot,Circuit Breaker, 2-41, 2-81, 3-7, 3-9, 3-11

## CROSS REFERENCE

Boss, Bellcrank Pivot, 3-5	Bracket, Mtg, Gas Shock, 2-59
Box Assy, Air Filter, 2-73	Bracket, Mtg, Lift Link, 2-57
Box, Fan Mounting, 2-85	Bracket, Mtg, Side Brush, 2-33
Bracket Light, 3-9	Bracket, Mtg, Squeeggee, 2-69
Bracket Assembly, Seat, 3-14	Bracket, R.H., 2-52
Bracket Assy, Head Lift, 2-57	Bracket, Rear Skirt, 2-43
Bracket Battery Spacer, 3-24, 3-25	Bracket, Reinf, Hopper, 2-37
Bracket Pulley, 2-33	Bracket, Retainer, Hopper Lip, 2-3, 2-37
Bracket Spring Retainer, 2-5, 2-7	Bracket, Retainer, 2-3, 2-59, 2-70, 2-75
Bracket Tie Down, 3-21	Bracket, Seat Support, 3-14
Bracket Wldt, Gas Spring, 2-49	Bracket, Stop, Frame, 2-60
Bracket Wldt, Hanger, Left, 2-27	Bracket, Stop, Scrubhead, 2-55
Bracket Wldt, Hanger, Right, 2-27	Bracket, Stop, 2-45
Bracket Wldt, Idler, 2-33	Bracket, Vacuum Switch Mounting, 2-85
Bracket Wldt, Lh, 2-67	Bracket, Valve Mounting, 3-39
Bracket Wldt, Mounting, Squeeg, 2-71	Bracket, Wldt, Rh, 2-65
Bracket Wldt, Mtg, Drag Link, 2-61	Bracket, Caster, 2-69
Bracket Wldt, Mtg,Actuator,Lh, 2-37	Bracket, 3-21
Bracket Wldt, Mtg,Actuator,Rh, 2-37	Brake Assy, 2-21
Bracket Wldt, Pivot, 2-49	Breaker, Circuit 20 Amp, 2-41
Bracket, Axle, 3-39	Breaker, Circuit, 50 A, 3-19
Bracket, Fan End, 4-3	Breaker-Circuit 10 Resetable, 2-41
Bracket, Handle Mounting, 3-39	Breaker-Circuit 2.5 Resetable, 2-81
Bracket, Head Lift, 2-47	Breaker-Circuit 40 Resetable, 2-83
Bracket, Hopper, 2-37	Breaker-Circuit 7 Resetable, 2-41
Bracket, Hose Fitting, Max Prot 1000, 3-3	Breaker-Circuit, 15A Resetable, 2-81, 3-7, 3-9, 3-11
Bracket, Hose Fitting, Max Prot 1200, 3-3	Breaker-Circuit, 20A Resetable, 2-83
Bracket, Hose, Sqge, 2-69	Breaker-Circuit, 30 Amp, 2-41
Bracket, Idler, 2-29	Breaker-Circuit, 40 Resetable, 2-55
Bracket, L.H., 2-53	Breather, 4-13, 4-14, 4-15
Bracket, Mount, 2-55	Brg & Shaft Assy, Brush Idler, 2-31
Bracket, Mounting, L.H., 2-25, 3-12	Brkt Wldt, Sq Lift, 2-65
Bracket, Mounting, Pump, 3-37	Brush Assembly, 4-7
Bracket, Mounting, R.H., 2-25, 3-12	Brush Assy, 36 Inch Poly, 2-5, 2-7
Bracket, Mounting, Valve, 3-37	Brush Box And Plate Assembly, 4-6
Bracket, Mtg. Actuator, 2-35	Brush Kit, Propelling Motor, 4-6
Bracket, Mtg, Actuator, 2-49	Brush Kit, 4-4, 4-5
Bracket, Mtg, Bumper, Front, 2-37	Brush Mechanism, 4-3
Bracket, Mtg, Cable, 2-31	Brush Ring/Holder Assembly, 4-4, 4-5
Bracket, Mtg, Elect Valve, 2-51	Brush Spring, 4-6
Bracket, Mtg, Filter, 2-37	Brush, Wand AB, 3-39

Brush, Wand, Poly, 3-39	Cam/Bearing Screw, 4-9
Brush-Disk Scr 16 D Assy Poly, 2-7	Cam/Bearing Set Screw, 4-9
Brush-Disk Scr 16 D-Assy-Nyl, 2-7	Cam/Bearing/Diaphram Kit, 4-9
Brush-Disk Scr 16 D-Assy-S Ab, 2-7	Cap Assy, Pos Drain, 3-34, 3-35
Brush-Disk Scr 20 D Assy Nylon, 2-5	Cap, Drain Hose, 2-73, 2-75
Brush-Disk Scr 20 D Assy Poly, 2-5	Cap, Drain Kit, 2-73, 2-75
Brush-Disk Scr 20 D-Assy-S Ab, 2-5	Cap, Drain, 3-34, 3-35
Brush-Pad Drive-16 D-Assy-Poly, 2-7	Cap, Dust, 3-34, 3-35
Brush-Side Swp -19 D- -Poly, 2-7	Cap, End, 2-75
Brush-Side Swp -19 D- Poly, 2-5	Cap, Hub, 2-21
Brush/Rectifier Assembly, 4-9	Cap, Plate, 2-75
Bulb, 12V .27A 2Cp #194, 3-7	Cap, Steering Wheel, 2-13
Bulb, 40V .9A 50Cp #1062, 3-9, 3-11	Caster Kit, Sealed. 3.0Dia, 2-69
Bumper Kit, Heavy Duty, 3-13	Caster, Swivel, Sealed 3.0Dia, 2-69
Bumper Wldt, Front, 2-37	Center Device Assembly, 2-5, 2-7
Bumper Wldt, 3-34, 3-35	Chain Idler Kit, 2-13
Bumper, 3/32 Matl., 2-11, 2-23	Chain, Double Scrub, 2-65
Bumper, Heavy Duty, 3-13	Chain,Link#2/0,7Links, 2-71
Bumper, Polyethylene, 2-60	Chain,Sash#35 ,13Links,Zn 7.15, 3-34, 3-35
Bumper, Rubber, 2-45, 2-60	Channel, Mounting, Rear Skirt, 2-27
Bumper, Side, 2-61	Channel, Mtg, Seat Support, 3-17
Bumper, Squeegee, 2-70	Charger 36V/120A 60Hz/1Ph, 3-32
Bumper,Rbr,W.Knurled Stud, 2-15	Charger Fi, 36V/50A 60Hz/1Ph, 3-28
Bumper, 2-45, 3-15	Charger, 36V/045A 60Hz/1Ph, 3-28, 3-29
Bushing, 2-21	Charger, 36V/050A 50Hz/1Ph, 3-29
Buss Bar, Fuse, 2-83	Charger, 36V/075A 50Hz/1Ph, 3-31
Buss Bar, Relay, 2-83	Charger, 36V/075A 50Hz/3Ph, 3-29, 3-31
<b>C</b>	
Cable Brake, 2-17	Charger, 36V/075A 60Hz/3Ph, 3-28, 3-30
Cable Service Brake, 2-17	Charger, 36V/120A 50Hz/1Ph, 3-33
Cable, Control,Sqg Lift Rear, 2-71	Charger, 36V/120A 50Hz/3Ph, 3-33
Cable, Control, 2-51	Charger, 36V/120A 60Hz/3Ph, 3-32
Cable, Retaining, Side Brush 18.81, 2-59	Charger, 36V/75A 60Hz/1Ph, 3-30
Cable, Retaining, Side Scrub 18.20, 2-49	Check Valve Assembly, 4-8, 4-9
Cable, Ribbon 34 Conductor, 2-81	Clamp Toggle, 3-21
Cable, 2-31	Clamp, Hose, 2-73, 2-75, 3-39, 3-40
Cabletie Mount, Adhesive, 3-7	Clamp, Worm Drive, 2-51, 2-75, 2-77, 2-85, 3-3, 3-5
Cam, Follower, 3-5	Clamp-Cable, 0.38Dia 0.38Wth, 2-39
Cam,Nickel Plated, 2-21	Clamp-Cable, 69Dia. 62Wth, 2-63
Cam/Bearing Kit, 4-8	Clamp-Wormdrive 0.50-1.06D, 2-63
	Clamp-Wormdrive, 0.31- 0.88D, 3-37
	Clamp-Wormdrive, 0.56- 1.06D, 3-37

## CROSS REFERENCE

- Clamp, 4-3  
Clevis, Brake Adjust, 2-17  
Clip Locking, 2-5  
Clip Retaining, 2-5  
Clip, Finger Grip, 3-15  
Clip, Sprocket, 2-13  
Clip, Stud, Receiver Speed, 2-79  
Clip-Finger Grip, 3-37  
Clip-Push On .25 Dia., 2-31  
Column, Steering, 2-13  
Comm. Bracket, 4-3  
Connector, 2 Conductor, 4-3, 4-4, 4-5, 4-8, 4-9  
Connector,, 3-24, 3-25, 3-26, 3-27, 3-28, 3-29, 3-30, 3-31, 3-32, 3-33  
Connector,3-Way Quick-Disc., 3-37  
Contactor Spst, 2-41, 2-83  
Contactor, 36 Volt/Spdt, 2-83  
Contactor, 36 Volt/Spno, 2-83  
Controller, Motor Speed, 2-83  
Cord, Lead, 4-7  
Coupler, Female X Hose Shank, 3-34, 3-35  
Cover and Label Assembly, 2-77  
Cover Control, 2-83  
Cover Wldt, Air Filter, 2-73  
Cover, 515E, 2-9  
Cover, Circuit Board, 2-81  
Cover, Hopper,Less Dust Contrl, 2-39  
Cover, Hopper, 2-39  
Cover, Insert, 2-73, 2-75  
Cover, Left Side, 2-27  
Cover, Lid, 3-3  
Cover, Rocker Switch Seal, 3-37  
Cover, Side, Rh, 2-27  
Cover, Squeegee, L.H., 2-70  
Cover, Squeegee, R.H., 2-70  
Cuff, Swivel, 3-40  
Cuff, Vac, 3-4
- Diaphram Kit, 4-8, 4-9  
Diode, Elec, Plug, 2-79, 2-81  
Diode, Elect Plug, 2-41  
Disc, 4-3  
Drain Hose Kit, 2-73  
Drain, Hose Kit, 2-75  
Driving Gear, 2-15  
Drum, Lift Cable, 2-71  
Duct, Vinyl,.40X .75X48.0 25D, 3-9, 3-11
- End, Rod, 2-43, 3-5  
Endbell, Brush, 4-8  
Extinguisher, Fire, 3-43  
Eye Bolt,0.188Eye,.25-20Thd., 2-71
- Fan Assy, Vacuum (See Breakdowns), 2-85  
Fan, Vac (See Breakdowns), 2-39  
Fan, Vacuum, 4-3  
Fan, 4-3  
Filter Pkg, Panel 119 Pleats, 2-3  
Filter Pkg, Panel, 119 Pleat, 2-39  
Filter, Foam, 2-77  
Filter, Vac Fan, 2-73  
Fire Extinguisher Kit, 3-43  
Fitting, Straight, 2-51  
Fitting, 90\_ Elbow, 3-39  
Fitting, Barbed Coupling, 3-5  
Fitting, Barbed Elbow Brass 3/4 Hose, 3-3  
Fitting, Barbed Elbow, 2-51, 3-3  
Fitting, Barbed Tee, 2-51  
Fitting, Brass 5/8 Hose, 3-3  
Fitting, Brass, 3-3  
Fitting, Bulkhead, 2-85  
Fitting, Elbow, 3-3  
Fitting, Grease, 2-44

Fitting, Nipple Blk 1/2NPT, 3-3  
Fitting, Plastic .25Npt.50Barb, 3-37  
Fitting, Plastic Tee, 3-3  
Fitting, Plastic, El90.25Npt, 3-37  
Fitting, Plastic, Str.Ba.31Id-, 2-63  
Fitting, Plastic, 2-73, 3-40  
Fitting, Plug, 3-39  
Fitting, Quick Disconnect, 3-39, 3-40  
Fitting, Quick-disconnect, Female, 3-3  
Fitting, Quick-disconnect, Male, 3-3  
Fitting, Reducer, 5/8-3/4, 2-51  
Fitting, Straight, 3-3, 3-39  
Fitting, Tee, 3-3  
Fitting-Brs,Female Quick Conn, 3-37  
Flange,Brg,2 Hole,, 2-33  
Flap, Containment, 2-85  
Float, Polyfoam, 2-73  
Frame Squeegee Quick, 3-21  
Frame Wldt, Mounting, Scrub Hd, 2-55  
Frame Wldt, Presweep, 2-27  
Frame Wldt, Side Squeegee, Lh, 2-67  
Frame Wldt, Side Squeegee, Rh, 2-65  
Frame Wldt, 2-9  
Frame, Scrubber Head, 2-43  
Frame, Side Squeegee, L.H., 2-53  
Frame, Side Squeegee, R.H., 2-52  
Frame, Squeegee, 2-70  
Frame, Support, Seat, 2-11  
Front Squeegee Blade, Tile, 3-42  
Ftg, Grease.25-28Th Strt .47L, 2-61  
Ftg, Plstc, Str, Barb .75Pt-.62Hse, 2-51  
Ftg,Bulkhead .25Npt Wh W21204, 3-37  
Ftg,Plstc,Elb,Barb.50Hs-.50Hse, 2-63  
Ftg,Plstc,Elb,Barb.50Pt-.50Hse, 3-37  
Ftg,Plstc,Elb,Barb.50Pt-.75Hse, 2-63  
Ftg,Plstc,Tee,Barb.75-.50Pt-.7, 3-37  
Ftg-Plstc Str, 2-75  
Ftg-Plstc E90, 2-75  
Ftg-Plstc Str, 3-15  
Ftg-Plstc Str , 2-75  
Ftg-Plstc Str Blkh Chmfred, 2-75

Ftg-Plstc Str, 2-75  
Ftg-Plug Npt 02Pm Hx Hd Plasti, 2-63  
Fuse, 2-83  
**G**  
Gasket Set, 2-77  
Gasket, Circuit Board, 2-81  
Gasket, Control Cover, 2-83  
Gasket, Controller Cover, 2-81  
Gasket, Drain Cap, 2-73, 2-75  
Gasket, Electric Panel Cover, 2-41  
Gasket, Fitting, 2-73  
Gasket, Float, 2-73  
Gasket, Lid, 2-73, 2-75  
Gasket, Squeegee, 2-3, 2-70  
Gasket, Touch Panel, 2-79  
Gasket, Vacuum Fan, 2-85  
Gasket, 2-73, 2-75, 3-3, 3-34, 3-35  
Gear, 4-13, 4-14, 4-15  
Gearbox (Repl by 375066) (See Breakdowns), 3-19  
Gearbox (Repl. by 375066) (See Breakdowns), 2-43  
Gearbox, (Repl. by 375074) (See Breakdowns), 2-55  
Gearbox, (Repl. by 375075) (See Breakdowns), 2-55  
Gearbox, Hurth, 2-15  
Gearbox, W Mount, 4-15  
Gearbox, W/Mount (See Breakdowns), 2-43  
Gearbox, W/O Mount (See Breakdowns), 2-55  
Gearbox, W/O Mount, 4-13, 4-14  
Gearbox, 4-10, 4-11, 4-12  
Grease Fitting, 2-15  
Grommet, Rbr,0.50Id,For.12Matl, 2-83  
Grommet, Ribbon Cable, 2-81  
Grommet,Rbr, 1.50ID, for .19 Matl, 2-41  
Grommet,Rbr,0.38Id,For .12Matl, 3-11  
Grommet,Rbr,0.38Id,For .19Matl, 3-9  
Grommet,Rbr,0.69Id,For .25Matl, 2-39  
Grommet,Rbr,0.88Id,For .14Matl, 2-83  
Grommet,Rbr,1.06Id, For .19 Matl, 2-83  
Grommet,Rbr,1.06Id,For .19Matl, 2-81  
Grommet, 3-39  
Guard Kit, Overhead, 3-12

## CROSS REFERENCE

Guard Wldt, Lights, Revl&Flsh, 3-9, 3-11  
Guard, Overhead, 3-12  
Guard, Side Brush, 2-27  
Guide, Side Squeegee, 2-52, 2-53, 2-65, 2-67  
Guide, Sqge Mtg, 2-60  
Guide, Squeegee, 2-45

### H

Handle, Wand, 3-39  
Hanger, Mtg, Sweeper Lh, 2-27  
Harness, Hopper, Presweep, 2-39  
Harness, Main, Wire, 2-93  
Harness, Water Valve, 2-93  
Harness, Wire, Controller, 2-83  
Harness, Wire, Power Wand, 3-37  
Harness, Wire, Sweeper, 2-93  
Head Band Ass'y, 4-6  
Head Bushing Kit, 2-43  
Head, Wand, 3-39

Hinge, Bottom Tank, L.H., 2-77  
Hinge, Bottom Tank, R.H., 2-77  
Hinge, Top Tank, L.H., 2-77  
Hinge, Top Tank, R.H., 2-77  
Hinge, 2-9  
Hopper, 2-37  
Horn, 2-81  
Hose & Cuff Assy, 3-34, 3-35  
Hose and Cuff Assembly, 3-15  
Hose Assembly, Drain, 2-73, 2-75  
Hose Assembly, 3-40  
Hose, Clear Vinyl, .62IdX7.00Lg, 3-3  
Hose, Clear Vinyl, .63IdX11.00Lg, 3-3  
Hose, Clear Vinyl, .75IdX30.00 Lg, 3-3  
Hose, Clear Vinyl, 2-75, 3-3, 3-5  
Hose, Cuff, 2-85  
Hose, Pvc .50Idx.73Od 37.0Lg, 3-37  
Hose, Solution, 3-39  
Hose, Vacuum, 2-73, 2-77, 2-85, 3-4, 3-40  
Hose, Vinyl Clr,.50Id X 18.Lg, 2-63  
Hose, Vinyl, Clear, 2-63  
Hose, Vinyl,Clr, .75Idx 16.Lg, 2-63

Hose, Vinyl, 2-51, 3-3  
Hose,Cuff, 2-85  
Hose-Heater .62Id 4.5L, 2-51  
Hose, 2-85, 3-40  
Housing Headlight Lh, 3-7  
Housing Headlight Rh, 3-7  
Housing Wldt, Air Filter, 2-73  
Housing, Bearing, 2-13  
Housing, 4-3  
Hub, Brush Drive, 2-43, 2-55

### I

Input Shaft, 4-13, 4-14, 4-15  
Insulator, Panel & Switchboard, 2-41, 2-83

### J

Joint, Universal, 2-13

### K

Key Ring Assy., 2-79  
Key Square 0.18 0.18 01.00 Lg, 2-29, 2-31  
Key Square 0.25 0.25 01.00 Lg, 2-29  
Key Square 0.25 0.25 01.25 Lg, 2-55  
Key, Square, 2-43, 4-4, 4-5  
Key, Woodruff, 2-13  
Key-Wdruff 0.19 0.75 Asa#0606, 2-33  
Key-Wdruff 0.16 0.62, 4-6  
Kit, Bracket, Mtg Actuator, 2-35  
Kit, Replacement Controller, Machine Logic for Max Prot 1000 Two-Brush System, 2-81  
Kit, Replacement Controller, Machine Logic for Max Prot 1200 Three-Brush System, 2-81  
Kit, Sheave, Sweep Drive, 2-29  
Kit, Syn Fltr, Vac-Fan, 2-73  
Kit, Syn. Filter, Panel, 3-41  
Kit, Valve Handle, 3-34, 3-35  
Knob 3Prong W/.25x20-Knob-Lo, 2-73  
Knob, Adjustable, Squeegee, 3-39  
Knob, 2-13

**L**

Label Set, Info & Hazard, Max Prot 1000, 2-43  
Label Set, Info & Hazard, Max Prot 1200, 2-55  
Label Set, Info & Hazard, 2-94  
Label Set, Operational, 2-94  
Label, ESt Logo, 3-3  
Label, Side 515SS, 2-94  
Label, Solution Control-Nv, 3-37  
Lanyard Assy, 2-9  
Latch, Cover, 2-9  
Latch, Draw, Flexible, 2-39, 3-21  
Latch, 2-11  
Left Side Squeegee Group Assembly, 2-53  
Leg, Overhead Guard, 3-12  
Lens, Rev.Light, Amber, 3-9, 3-11  
Lens, Rev.Light, Blue, 3-9, 3-11  
Lens, Rev.Light, Red, 3-9, 3-11  
Level Sensing Kit, ESt, 3-3  
Level Sensing Kit, Standard, 2-73  
Lever Wldt, Sqge Lift, 2-71  
Lever, Brake, 2-17, 2-21  
Lever, Idler, 3-5  
Lever, Stop, 2-45, 2-60  
Lever, Valve, Front, 3-5  
Lever, Valve, 2-51  
Lid, Cover, 2-73  
Light Assy Tail, 3-7  
Light Head Rnd 36V 1.7A#4350, 3-7  
Light Kit Revl Amb 510E Ohgd, 3-11  
Light Kit Revolving Lintel, 3-9  
Light Kit, Hd & Tail, 3-7  
Light, Rev. Amber 36V-Rework, 3-9, 3-11  
Link Rear Squeegee, 2-71  
Link Wldt, Head, Drag, 2-61  
Link, Chain, 2-13  
Link, Scrubber Head Lift, 2-44  
Lubricant, Synthetic, 4-10, 4-11, 4-12

**M**

Manifold, Plastic, 2-63  
Manual - Fiche Pkg 515SS, 3-44  
Manual Opmt 515SS ES, 3-44  
Manual Opmt 515SS FR, 3-44  
Manual Pkg 515SS, 3-44  
Manual Service 515, 3-44  
Molding, Trim 11-14Ga 5.75, 2-83  
Motor (See Breakdowns), 3-19  
Motor Kit, Heavy Duty, 3-19  
Motor, .8 Hp. 36V, 2-29  
Motor, 36VDC, 4-8, 4-9  
Motor, Ele (See Breakdowns), 2-55  
Motor, Electric (See Breakdowns), 2-43  
Motor, Electric, 4-4, 4-5, 4-7  
Motor, Shaker 36V, 2-39  
Motor, Traction 3.0 Hp, 4-6  
Motor, Traction 3.0Hp (See Breakdowns), 2-15  
Mount, Headlight, 3-7

**N**

Nozzle, Plastic Wand, 3-15  
Nozzle, Spray, 3-39  
Nut Hx Flange M 8X1.25, 2-9  
Nut Hx Flange M 8X1.25See25572, 2-17  
Nut Hx Flange M10X1.5, 2-69  
Nut Hx Jam .50-13, 2-69  
Nut Hx Ss M 8X1.25, 2-65, 2-67  
Nut Hx SS M8X1.25, 2-27  
Nut Hx Std .38-16, 2-17  
Nut Hx Std M 3X0.5, 2-81  
Nut Hx Std .38-24, 2-19  
Nut Hx Std Ss M10X1.5, 2-27  
Nut Hxloc, M10 X.5, 2-71  
Nut Hxlocnyln .38-16, 2-29  
Nut Hxlocnyln M 6X1.0 Reg Ss, 2-33, 2-39  
Nut Hxlocnyln M 6X1.0, 2-9, 2-11

## CROSS REFERENCE

Nut Hxlocnyln M 8X1.25, 2-11, 2-19  
Nut Hxlocnyln M12X1.75, 2-21  
Nut, Hex, 2-43, 3-19  
Nut, Retainer .31-18, 2-49, 2-59  
Nut-Hx Std M 6X1.0, 2-81  
Nut-Hxlocnyln .25-20 Regss18-8, 2-31, 2-69  
Nut-Hxlocnyln .31-18 Regss18-8, 2-37, 2-65  
Nut-Hxlocnyln .31-18 Thin Pltd, 2-49, 2-59  
Nut-Hxlocnyln .50-20 Thin Pltd, 2-15  
Nut-Hxlocnyln M 5X0.8 Reg 18-8, 2-60  
Nut-Hxlocnyln M 8X1.25 Reg Ss, 2-31, 2-37, 2-49, 2-55, 2-59, 2-60, 2-65, 2-67, 2-69  
Nut-Hxlocnyln M10X1.5 Reg 18-8, 2-57, 2-60, 2-69  
Nut-Hxlocnyln M1X1.50 Reg Ss, 2-37  
Nut-Hxlocnmm12X1.75 Reg Ss, 2-61  
Nut-Hxslot .75-16 Pltd, 2-21  
Nut-Hylocnyln .38-16, 2-37  
Nut-Wheel M14 X 1.5, 2-15  
Nut, 4-3

### O

O-Ring, 2-15  
Output Shaft, 4-13, 4-14, 4-15

### P

Pad Driver Brush 20D Assy Poly, 2-5  
Pad Holder, Threaded, 2-5  
Pad Holder, 2-7  
Pad, Driver, 2-5, 2-7  
Pad, Tread, 2-25  
Pad-Buff 16Dred, 2-7  
Pad-Buff-20D Red, 2-5  
Pad-Polis-16D White, 2-7  
Pad-Polish 20D-White, 2-5  
Pad-Scru .20D Blue, 2-5  
Pad-Scrub-16D Blue, 2-7  
Pad-Strip-16D Brown, 2-7  
Pad-Strip-20D Brown, 2-5  
Pad, 2-17  
Panel Assy, w/Label, 2-23  
Panel Wldt, Instrument, 2-79

Panel, Floor Rh, 2-23  
Panel, Floor, Lh, w/Tread, 2-23  
Panel, Membrane Touch, 2-79  
Panel, Mounting, Control, 2-83  
Panel, Mtg, Elec, 2-41  
Panel, Shroud, Seat Support, 2-11, 3-17  
Pedal w/Tread, 2-25  
Pin Clevis .375 Dia X 1.13 Lg, 2-19  
Pin Clevis 0.37 Dia X 0.75 Lg, 2-67  
Pin Clevis 0.37 Dia X 1.00 Lg, 2-65  
Pin Clevis 0.50 Dia.X 1.42 Lg, 2-17, 2-19  
Pin, Clevis .50 Dia X 5.75 Lg, 2-47  
Pin, Clevis 0.31 D X 1.00, 2-29  
Pin, Clevis, 0.25 Dia X 1.50 Lg, 2-33  
Pin, Clevis,0.25 Dia X 2.44 Lg, 2-71  
Pin, Clevis, 2-25, 2-52, 2-53  
Pin, Hair Cotter .375D .072Wir, 2-35  
Pin, Hair Cotter, 2-52, 2-53  
Pin, Hitch, 2-70  
Pin, Prong, Pc Board, 2-81  
Pin, Roll, 2-13  
Pin, Roller, 2-27, 2-55  
Pin,Clevic,0.19 Dia.X 0.75 Lg, 2-71  
Pin,Clevis,0.31 Dia X 1.00 Lg, 2-65, 2-67  
Pin,Clevis,0.31 Dia.X 1.25 Lg, 2-19  
Pin,Clevis,0.37 Dia.X 1.00 Lg, 2-17, 2-19  
Pin,Clevis,0.37 Dia.X 1.50 Lg, 2-35  
Pin,Clevis,0.37 Dia.X 2.12 Lg, 2-49  
Pin,Clevis,0.37 Dia.X 4.00 Lg, 2-37  
Pin,Clevis,0.50 Dia.X 1.87 Lg, 2-47, 2-49  
Pin,Clevis,0.50 Dia.X 2.00 Lg, 2-71  
Pin,Clevis,0.50 Dia.X 2.50 Lg, 2-47, 2-71  
Pin,Clevis,0.50 Dia.X 3.00 Lg, 2-35  
Pin,Hair Cotter #Lhcot-2,Leitk, 2-65, 2-67  
Piston Inner/Out, 4-9  
Pivot, Equalizer, 2-43  
Pivot, Lift, Squeegee, 2-69  
Plate Assy, Mtg,Brake Arm Brg, 2-21  
Plate Wldt, Idler Mounting, 2-13  
Plate Wldt, Mounting, 2-83  
Plate Wldt, Mtg, Fan, 2-39

- Plate Wldt, Shaker, 2-39  
Plate, Bent, 3-3  
Plate, Brushwrap (Filter System Removal), 2-39  
Plate, Cable Mounting, 2-13  
Plate, Cover, Elec, 2-41  
Plate, Hold Down, 2-29, 2-31  
Plate, Latch Keeper, 2-39  
Plate, Latch, 2-39  
Plate, Mounting, 2-33  
Plate, Mtg, Circuit Board, 2-81  
Plate, Plastic, 2-73  
Plate, Pump Mounting, 3-3  
Plate, Seat Mounting, 3-14  
Plate, Spacer, 2-55  
Plate, Spring, 2-25  
Plate, Strike, 2-11, 3-17  
Plate-Cover, 2-23  
Plate, 2-73  
Plug, Brush Drive - Nylon, 2-29, 2-31  
Plug, Switch, 2-79  
Plug, 2-15, 4-10, 4-11, 4-12  
Plugbtn 1.25H .12 Max Blacknlyl, 2-79  
Port Kit, 4-8  
Posi-Sol Control Drain Sys Es, 3-35  
Posi-Sol Control Drain Sys Kit, 3-34  
Pouch Operator Handbook, 2-11  
Prep For Battery Kit - 36V, 3-24, 3-25  
Pulley Assy, Cable, 1.5 Dia, 2-17, 2-31  
Pulley Assy, Cable, 3.5 Dia, 2-19  
Pulley,Idler,W.Brng,Plastic, 2-29  
Pump Assembly (See Breakdowns), 3-3  
Pump Screws, 4-9  
Pump, Power Wand (See Breakdowns), 3-37  
Pump, Water, 4-8, 4-9

**R**

- Rail, Slide Adjuster, 3-14  
Rear Squeegee Kit, 2-70  
Relay, Control 36V, 2-41  
Replm Kit, Actuator, Sweeplift, 2-35  
Resistor, 40.00Ohms-40.00Watt, 3-7

- Restrictor, 3-4  
Retainer Ring, 2-21  
Retainer, Mtg, Front Blade, 2-3, 2-65  
Retainer, Squeegee, 2-52, 2-53, 2-65, 2-67  
Retainer, 2-29  
Retaining Ring-External, 1.25D, 2-21  
Return Spring, 2-21  
Right Side Squeegee Group Assembly, 2-52  
Ring, Retaining, 2-13, 2-73  
Ring,Retain,Ex,0.50 Stl Steel, 2-5  
Ring,Retain,Ex,0.62Od,Basic, 2-29  
Ring,Retain,In,1.38Id,Basic, 2-29, 2-33  
Rivet Pop-.125Dx.38X.25Dhd Al, 3-21  
Rivet, Plastic .25 x .89, 3-37  
Rivet, Plastic .325Dx.787, 2-3, 2-55  
Rivet, Pop, 3-39  
Rod End M10 X1.5 W/Stud, 2-71  
Rod, Control, 2-13  
Rod, Lower Steering, 2-13  
Rod, Plastic, 2-73  
Rod, Threaded, 2-25, 2-43, 3-5  
Rod-Thrd, Full .38-24, 2-19  
Rod-Thread, 2End M10X1.5X7.35, 2-71  
Roller, Bumper, 2-27, 2-55  
Roller, Mounting, Brush Head, 2-57

**S**

- Scr Flt .38-16X2.00, 2-29  
Scr Hex .38-16X0.88, 2-55  
Scr Hex M6X1.0 20, 2-9, 2-11  
Scr Hex M 6X1.0 25, 2-81  
Scr Hex Ss M6x1.0, 2-51  
Scr Hex Ssm 8X1.25 50, 2-55  
Scr Hexss M10X1.5 25, 2-60  
Scr Hexssm 10X1.5 25, 2-57, 2-69  
Scr Hexssm 6X1.0 100, 2-39  
Scr Hexssm 6X1.0 25, 2-39  
Scr Hexssm 6X1.0, 2-65, 2-67  
Scr Hexssm 8X 1.25, 2-35  
Scr HexssM 8X1.25 30, 2-60  
Scr Hexssm 8X1.25 30, 2-65, 2-67

## CROSS REFERENCE

- Scr HexssM 8X1.25 25, 2-60  
Scr Hexssm 8X1.25 25, 2-31, 2-33, 2-37, 2-57  
Scr Hexssm 8X1.25 40, 2-65  
Scr Hexssm 8X1.25, 2-31, 2-49, 2-55, 2-59, 2-61, 2-63, 2-65, 2-67, 2-69  
Scr Hexssm 8X1.25ls, 2-59  
Scr Hexssm10X1.5 30, 2-69  
Scr Hexssmio, 2-31  
Scr Pan M3X0.5 12, 2-81  
Scr Pan Ss M4x0.7, 2-5, 2-7  
Scr Panssm 5x0.8, 2-73  
Scr Soc M 8X1.25 60, 2-15  
Scr Soc M 8X1.25 80, 2-15  
Scr Soc M8X1.25, 2-65, 2-67  
Scr, Flt M8X1.25 30, 2-37  
Scr, Flt, 2-37  
Scr, Hex M10 X 1.5, 2-35  
Scr, Hex Ss M10X1.50 60, 2-37  
Scr, Hex Ss M6X1.00 25, 2-37  
Scr, Soc 6X1.0X25, 2-39  
Scr, Soc M 8X1.25, 2-17  
Scr-Butn M8X1.25 16 Ss18-8, 2-65, 2-67  
Scr-Butn M8X1.25 35 10.9Pld, 2-65, 2-67  
Scr-Flt M8X1.25 25, 2-35  
Scr-Hex .31-18X2.00 Full Thd, 3-21  
Scr-Hex .38-16X1.00 Sems Pld, 2-11  
Scr-Hex M 8X1.25 16 8.8 Pld, 2-9  
Scr-Hex M 8X1.25 20 8.8 Pld, 2-9, 2-11  
Scr-Hex M 8X1.25 40, 2-17  
Scr-Hex M 8X1.25 50, 2-19  
Scr-Hex M12X1.75 50 Full Thd, 2-47  
Scr-Hex Ssm10X1.5 70 Full Thd, 2-27  
Scr-HexSs M8X1.25 25, 2-27  
Scr-HexSs M8X1.25 50 Full Thd, 2-27  
Scr-Hexssm 6X1.0 16 Nylonloc, 2-29, 2-31  
Scr-Hexssm 6X1.00 25, 2-33  
Scr-Hexssm 8X1.25 25 Nylnloc, 2-33, 2-39  
Scr-Hx Fmgm 6X1.0 12, 2-39  
Scr-Hx M10X1.5 180 8.8 Pld, 2-47  
Scr-Hxfmgm 4X0.7 10 Pld, 2-9, 3-34, 3-35  
Scr-Set, 10-24X0.25, Nylon Lock, 2-39  
Scr-Shld .500Dx1.00L .38-16, 2-37  
Screen, Solution 35 Mesh 10.5 Lg, 3-3  
Screen, 2-77  
Screw Hex M12X1.75 40, 2-21  
Screw Hex Ssm 10X1.5, 2-69  
Screw Hex Ssm 6 X 1.0 20, 2-27, 2-33  
Screw Hex Ssm 8X1.25 45, 2-57  
Screw Hexssm 12X1.75, 2-61  
Screw HexssM 5X0.8, 2-60  
Screw M 6 X 1.0 16, 2-17, 2-19  
Screw Pan 8X1.25 30, 2-11  
Screw Panhead 6 X 1.0 20, 2-31  
Screw Panhead 6X1.00 20, 2-29  
Screw Set M 8X1.25, 2-33  
Screw, Hex .31 Ss x .75, 2-55  
Screw, Hex .31 Ss x 1.0, 2-55  
Screw, Hex .38 Ss x 1.0, 2-55  
Screw, Hex, M8 Ss, 2-43  
Screw, Hex, 2-25, 2-43, 3-19  
Screw, Hexssm 8x1.25, 2-43  
Screw, Set, 2-13, 2-25  
Screw, Socket, 2-25, 2-52, 2-53  
Screw-Flat M 8X1.25, 2-27  
Screw-Hex .31-18X4.50, 2-37  
Screw-Hex M12X1.75, 2-21  
Screw-Hexssm 6X1.0, 2-29  
Screw, 4-3  
Seal Kit, 4-9  
Seal, Brush Lh, 2-31  
Seal, Bulb, 35.250 Lg, 2-3, 2-27  
Seal, Bulb, 9.375 Lg, 2-3, 2-39  
Seal, Connector, 4-8, 4-9  
Seal, Foam Rbr .5X1.0X20.0, 2-3, 2-39  
Seal, Foam Rbr 1.0 X 1.0 X19.0, 2-3  
Seal, Foam Rbr 1.0X1.0X16.0, 2-29  
Seal, Hose, 2-73, 2-75  
Seal, Input Oil, 4-10, 4-11, 4-12  
Seal, Left Side, 2-27  
Seal, O-Ring 2.987Id X .103T, 2-15  
Seal, Oil, 4-7  
Seal, Output Oil, 4-10, 4-11, 4-12  
Seal, Tank, 2-77  
Seal, Vac - Fan, 2-3, 2-39

- Seal, Vacuum Fan, 2-85  
Seal, 4-6, 4-13, 4-14, 4-15  
Seat Assy, 2-11  
Seat Wldt, Support, 3-17  
Seat, Suspension Slide, 3-14  
Seat, W/ Support, 2-11  
Shaft Assembly, Output, Heavy Duty, 4-11  
Shaft Assembly, Output, Std. Duty, 4-10, 4-12  
Shaft Wldt, Cross, Brake Rear, 2-19  
Shaft Wldt, Cross, Brake,Front, 2-17  
Shaft, Idler Pulley, 2-29  
Shaft, Side Brush, 2-33  
Shaft, Steering, 2-13  
Sheave, 2 Groove, 2-29  
Sheave, 3V 2.46 Od, 2-29  
Sheave, 3V 4.00 Od .75Id, 2-29  
Sheave, 3V 4.00 Od, 2-33  
Sheave, Idler 2.46 Od, 2-33  
Sheave, Idler 3V 4.00, 2-33  
Shell, 4-3  
Shield, Plug, 2-29, 2-31  
Shoe Assembly, 2-21  
Shoe, Plastic Squeegee, 3-15  
Shunt, 2 Hd Mtrs, 3-19  
Shunt, 2 Std Mtrs for Max Prot 1000 Two-Brush System, 2-81  
Shunt, 3 Std Mtrs for Max Prot 1200 Three-Brush System, 2-81  
Shunt, Amp Measurement, 2-81  
Skirt Frame Lh Rear, 2-9  
Skirt Frame Lh Rear, 3-7  
Skirt Frame Rh Rear, 2-9, 3-7  
Skirt Spring Retaining Kit, 2-43  
Skirt, Brush, Lh Front, 2-3  
Skirt, Brush, Rh Front, 2-3  
Skirt, Brushrear, 2-3  
Skirt, Frame Lh Side, 2-9  
Skirt, Frame, Rh Side, 2-9  
Skirt, Front Brush, L.H., 2-43  
Skirt, Front Brush, R.H., 2-43  
Skirt, Hopper Lip, 2-3, 2-37  
Skirt, Rear Brush, 2-43  
Skirt, Rear, 2-3, 2-27  
Skirt, Scrub Head Front, 2-3, 2-55  
Skirt, Side, Left, 2-3, 2-27  
Skirt, Side, 2-3, 2-27  
Sleeve, .25B .38D .27, 2-39  
Sleeve, .318B .49D .50L Ss, 2-31  
Sleeve, .344B .50D .81 Cr.Anc, 2-17  
Sleeve, .344B .62D.93 Bronze, 2-57  
Sleeve, .344B X .625D X 1.19Lg, 2-55  
Sleeve, .34B .62D .38, 2-57  
Sleeve, Bearing, 2-71  
Sleeve, Pivot, 3-5  
Sleeve, Spacer, 2-33  
Socket Assy, 3-7  
Spacer Pad Holder, 2-5, 2-7  
Spacer, .50 ODX .34IDX .312L Ss, 2-45  
Spacer, Flanged, 2-29, 2-31  
Spacer, Gearbox, 2-43, 3-19  
Spacer, Heavy Duty Battery, 3-12  
Spacer, Square, 2-55  
Spacer, Washer, 2-44, 2-61  
Spacer, 2-25, 2-52, 2-53, 2-65, 2-67, 4-3  
Spring Comp Die X 1.5Lg, 2-47  
Spring Compression, 2-5  
Spring Extension, 2-67  
Spring, Brush Retaining, 2-5, 2-7  
Spring, Centering Squeegee, 2-71  
Spring, Comp .50Id 1.00Od 2.0, 2-69  
Spring, Compression, 3-39  
Spring, Die, Red, 4.0Lg, 2-47  
Spring, Ext. .85X.085X2.75, 2-17, 2-19  
Spring, Ext, .75X.085X2.75, 2-29  
Spring, Extension, 2-52, 2-53  
Spring, Gas 30Lb 8.04 Stroke, 2-49, 2-59  
Spring, Gas, 3-5  
Spring, Tension, .750X.105X3.00, 2-65  
Spring, Tension, 2-45  
Spring, 3-15, 4-3, 4-7  
Sprng,Tens,0.56Odx.05Wire 0.9L, 2-11, 2-60  
Sprng,Tens,1.12Odx.12Wire 6.2L, 2-71  
Sprocket, Steering, 2-13

## CROSS REFERENCE

- Sprocket, 2-13
- Squeegee Assembly, Front, 2-70
- Squeegee Assembly, Side, 2-52, 2-53
- Squeegee Assy, Side, Rh, 2-65
- Squeegee Front, 2-3
- Squeegee Kit Rear, 2-3
- Squeegee, Side Left Hand, 2-67
- Squeegee, Side, 2-3, 2-67
- Stationary Fan, 4-3
- Steering Chain Kit, 2-13
- Stop Wldt, Scrubhead, 2-55
- Strainer, Screen, 2-75
- Strap, Cap Retainer, 2-73, 2-75
- Strap, Motor, Shaker, 2-39
- Strip, 2 .374 Dia Holes, 2-3, 2-27
- Strip, 3 .374 Dia Holes, 2-3, 2-27
- Strip, 4 .375 Dia Holes, 2-3, 2-27
- Strip, Rear Skirt Retainer, 2-43
- Strip, Retainer, Skirt, Lh, 2-3
- Strip, Retainer, Skirt, Rh, 2-3
- Strip, Retainer, Skirt-Rear, 2-3
- Strip, Retainer, 3-39
- Strip, Retaining, 2-70
- Strip, Skirt Retainer, L.H., 2-43
- Strip, Skirt Retainer, R.H., 2-43
- Stud, Adjustable, 3-39
- Stud, Ball, Gas Spring, 2-49, 2-59
- Switch Assembly/Housing, 4-9
- Switch Assy Key W/ Start, 2-79
- Switch, 15Amp, 3-3
- Switch, 15 A mp, 3-3
- Switch, Pushmom, Spst100A 12V, 2-79
- Switch, Rocker Spst Lighted36V, 3-37
- Switch, Rocker, Spdt, 2 Pos, 3-7, 3-9, 3-11
- Switch, Rocker, Spdt,3Position, 2-79
- Switch, Rocker, 2-79
- Switch, Vacuum, 2-85
- Switch, 2-73
- Tank Cap Kit, 2-73, 2-75
- Tank, Demister, 2-77
- Tank, Recovery, 2-73
- Tank, Solution, 2-75
- Tape, Video, Operator 515, 3-44
- Tennant Logo-10.0 Blue, 2-94
- Terminal, Female, 4-3, 4-4, 4-5
- Terminal, Male, 4-8, 4-9
- Terminal, Qkdisc. .25M Tab .19 D, 2-39
- Thermostat, Manual Reset 155D, 2-39
- Tie, Cable 1.75D Max 7.50Lg, 3-7, 3-9, 3-11, 3-37
- Tie, Cable, 2-73, 2-85
- Timer, Es, 15Sec, 36V, 2-41
- Tire & Wheel 16.25X6, 2-15
- Tire 16.0x3.5x12.1 Non Skid, 3-23
- Tire 16.25X6.00X11.25 Non Skid, 3-23
- Tire Assy, Grooved, 3-22
- Tire Assy, Non-Skid, 16 X 3.5, 3-23
- Tire, 16 X 3.5 X 12.13 Grooved, 3-22
- Tire, Non-Skid, 16.25 X 6, 3-23
- Tire,16.25X6X11.25 Sf/Xg,Solid, 2-15
- Tire,16X3.5X12.12 Sf,Sol.Smth, 2-21
- Transport Kit, 3-21
- Tray , Battery, 2-9
- Tray, Wand, 3-37
- Tread, Floor, 2-23, 2-61
- Tread,Pedal, Anti-Slip, 2-23
- Tube Wldt, Brush Torque, 2-29
- Tube, Rnd, .34B .50D .27Lg, 2-60
- Tube, Rnd, .34B 1.00D .30Lg, 2-60
- Tube, Steel .26X.50X3.16L, 2-39
- Tube, Wye, Round, 2X2X1, 3-4
- Tube, 2-45, 2-85
- U
- U-Nut M 6X1.0 Pltd, 3-7

**V**

Vacuum Fan, 4-3  
Valve, Solenoid, 3-3  
Valve, Water, Sol .62 Hose 36V, 2-51  
Valve, Water, 2-51, 3-5, 3-39

**W**

Wand Assembly, 3-39  
Wand Kit, Cradle, 3-15  
Wand Kit, Vacuum, 3-15  
Wand, Metal, 2 Piece, 3-15  
Wand, Off Aisle, 3-39  
Washer .812 Od 406 Id Ureth, 2-71  
Washer , 2-21  
Washer Brush Pad Retainer, 2-5  
Washer Flat 6.4X12.5X1.6Ss M6, 2-31  
Washer Flt 06 Ss See 25564, 2-81  
Washer Flt 10, 2-81  
Washer Flt .25 Hard, 2-9, 2-11  
Washer Flt .25 Ss, 2-27, 2-29, 2-31, 2-33, 2-39  
Washer Flt .31 Hard, 2-9, 2-11, 2-57, 2-60, 2-61  
Washer Flt .31 Sae, 2-37  
Washer Flt .31 Ss, 2-17, 2-19, 2-27, 2-31, 2-33, 2-35, 2-37, 2-49, 2-55, 2-59, 2-60, 2-65, 2-67, 2-69  
Washer Flt .38 Sae, 2-55  
Washer Flt .38 Ss, 2-29, 2-55  
Washer Flt .50 Hard, 2-27  
Washer Flt .50 Sae, 2-21, 2-35  
Washer Flt .38Ss, 2-43  
Washer, .281B .62D .06Nylon, 2-11  
Washer, .531B 1.75D .12Cr.Znc, 2-69  
Washer, .656B 1.25D .06, 2-29, 2-31, 2-71  
Washer, .765B 1.50D .06Ss18-8, 2-21  
Washer, Finishing M8 Pltd, 2-79  
Washer, Finishing, 2-13

Washer, Flat .25 Ss, 2-37  
Washer, Flat .31 Ss, 2-55  
Washer, Flat .38 Sae, 2-37  
Washer, Flat .38 Ss, 2-55  
Washer, Flat .50 Sae, 2-37  
Washer, Flat 08 Ss, 2-9  
Washer, Flat, .31 Ss, 3-19  
Washer, Flt .31 Ss, 2-43  
Washer, Flt .38 Ss, 2-35  
Washer, Molded Plastic, 2-73, 2-75  
Washer, Neo., 4-3  
Washer, Nylon, 2-25, 2-73  
Washer, Polyethylene, 3-34, 3-35  
Washer- Loc Int M 3 Ss, 2-81  
Washer-Belleville .25 Pltd, 2-29  
Washer-Belleville .31 Pltd, 2-43, 2-55  
Washer-Flt .25 Fender Pltd, 2-3, 2-17, 2-55, 3-7  
Washer-Flt .25 Fender Pltd, 2-19  
Washer-Flt .38 Ss, 2-60  
Washer-Flt .38 Ss, 2-69  
Washer-Loc Int .25 Ss, 2-81  
Washer-Loc Int Ss, 2-73  
Washer, 2-73, 4-3  
Weight, Eccentric, 2-39  
Wheel Assy, Rear, 2-21  
Wheel Bolt, 2-15  
Wheel, Guide, Scrubhead, 2-55  
Wheel, Guide, 3-39  
Wheel, Steering, 2-13  
Wire Assy, Jumper, Reverse, 2-93  
Wire Harness Warning Light, 3-9, 3-11

**Y**

Yoke Assembly, 2-51  
Yoke,End,Adjustable, 2-19

## CROSS REFERENCE

---



T.M.

## We Need Your Help...

As part of Tennant's Zero Defects Program, we want to know about errors you have found or suggestions you may have regarding our machine manuals. If you find an error or have a suggestion, please complete this postage-paid form and mail it to us. Thank you for helping us make zero defects a way of life at Tennant.

Manual No. \_\_\_\_\_ Rev. No. \_\_\_\_\_ Publish Date \_\_\_\_\_ Page \_\_\_\_\_  
Machine \_\_\_\_\_  Report Error  Suggestion

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

Name \_\_\_\_\_ Date \_\_\_\_\_

Customer Number \_\_\_\_\_

Company \_\_\_\_\_

Address \_\_\_\_\_

City/State/Zip Code \_\_\_\_\_

|||||

Minneapolis, MN 55440-9947  
P.O. Box 1452  
701 North Lilac Drive  
Technical Publications #15

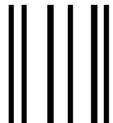
TENNANT COMPANY

POSTAGE WILL BE PAID BY ADDRESSEE

FIRST CLASS MAIL PERMIT NO. 94 MINNEAPOLIS, MN

**BUSINESS REPLY MAIL**

UNITED STATES  
IN THE  
IF MAILED  
NECESSARY  
NO POSTAGE



Tape here

Fold along dotted lines



T.M.

## We Need Your Help...

As part of Tennant's Zero Defects Program, we want to know about errors you have found or suggestions you may have regarding our machine manuals. If you find an error or have a suggestion, please complete this postage-paid form and mail it to us. Thank you for helping us make zero defects a way of life at Tennant.

Manual No. \_\_\_\_\_ Rev. No. \_\_\_\_\_ Publish Date \_\_\_\_\_ Page \_\_\_\_\_  
Machine \_\_\_\_\_  Report Error  Suggestion

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

Name \_\_\_\_\_ Date \_\_\_\_\_

Customer Number \_\_\_\_\_

Company \_\_\_\_\_

Address \_\_\_\_\_

City/State/Zip Code \_\_\_\_\_

|||||

Minneapolis, MN 55440-9947  
P.O. Box 1452  
701 North Lilac Drive  
Technical Publications #15

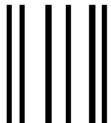
TENNANT COMPANY

POSTAGE WILL BE PAID BY ADDRESSEE

FIRST CLASS MAIL PERMIT NO. 94 MINNEAPOLIS, MN

**BUSINESS REPLY MAIL**

UNITED STATES  
IN THE  
IF MAILED  
NECESSARY  
NO POSTAGE



Tape here

Fold along dotted lines