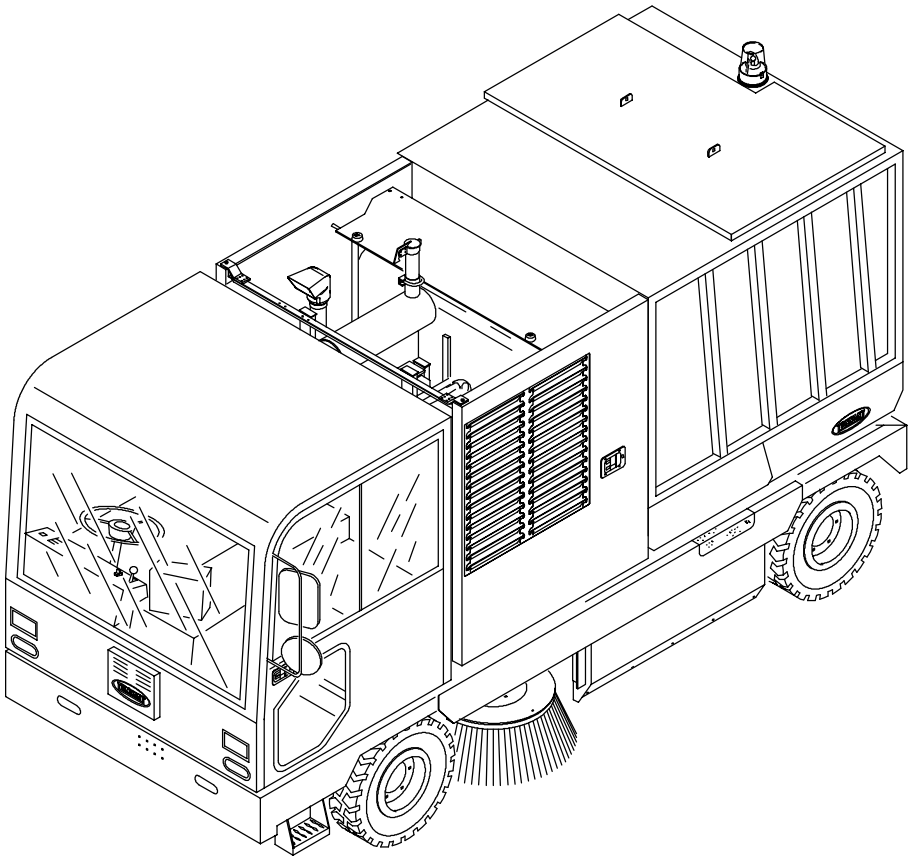
830-II

Parts Manual



330430

Rev. 06

Home Find... Go To..

This manual is furnished with each new TENNANT Model 830.

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

MACHINE DATA

Please fill out at time of installation for future reference.

Machine Model Number – 830–II

Machine Serial Number – _____

Machine Options – _____

TENNANT Representative/phone no. – _____

Customer ID Number – _____

Date of Installation – _____

Manual Number – 330430

Revision: 06

Published: 12–02

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HOW TO USE THIS MANUAL

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

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

IMPORTANT INFORMATION

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

MACHINE DATA

Please fill out at time of installation for future reference.

Machine Model Number – 830–II

Machine Serial Number – _____

Machine Options – _____

TENNANT Representative/phone no. – _____

Customer ID Number – _____

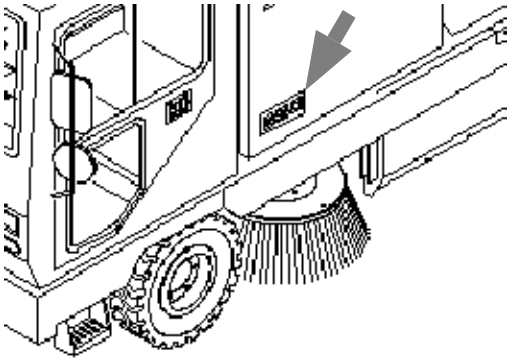
Date of Installation – _____

Manual Number – 330430

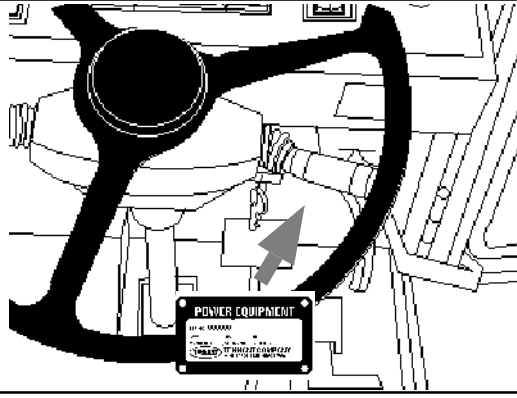
Revision: 00

Published: 6–98

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



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



FINDING A TENNANT PART NUMBER

This manual contains the following sections:

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

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

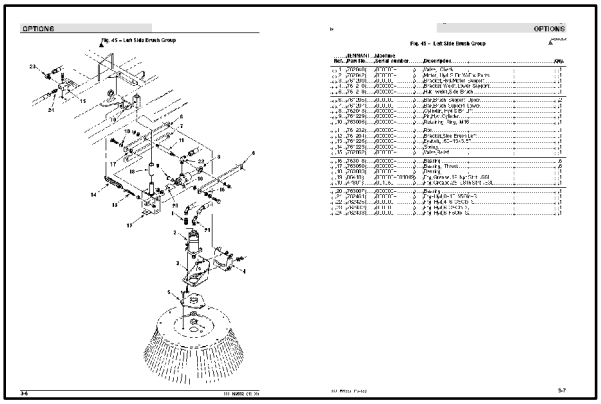
- General wear parts.
- Machine frame and related parts.
- Machine propelling system.
- Scrubbing components.
- Electrical parts.

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.

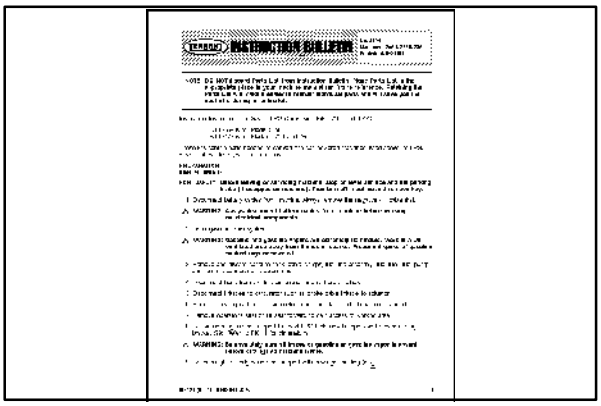
- ***Description*** – column is a brief description of the part.

- ***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	87355	000000	) Gearbox	1
▲ 2	87640	000000-	) O-Ring	2
▲ 3	87641	000000-	) Plug	2
▲ 4	87639	000000-	) Fitting, Grease	2
▲ 5	87640	000000	) Gear, Driving	1
6	12640	000000-	) Bolt, Wheel	5
▲ 7	61791	000000-	) Bearing and Housing Assembly	1
▲ 8	12649	000000-	) Seal, O-Ring	1
9	31992	000000-002017	(See Breakdowns) Replacement Kit Motor For 86366	1
9	60196	002018-	) Motor (See Breakdowns)	1
10	02076	000000-	) Cover, Terminal	4
11	09000	000000-	) Screw, Socket	2
12	09294	000000-	) Screw, Socket	1
13	88670	000000-	) Tire and Wheel Assembly	1
14	45027A	000000-	) Tire, Solid	1
15	87750	000000-	) Nut, Wheel	5
16	53655	000000	) Bumper, Rubber	2
17	61624	000000-	) Nut, Hex, 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.

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

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

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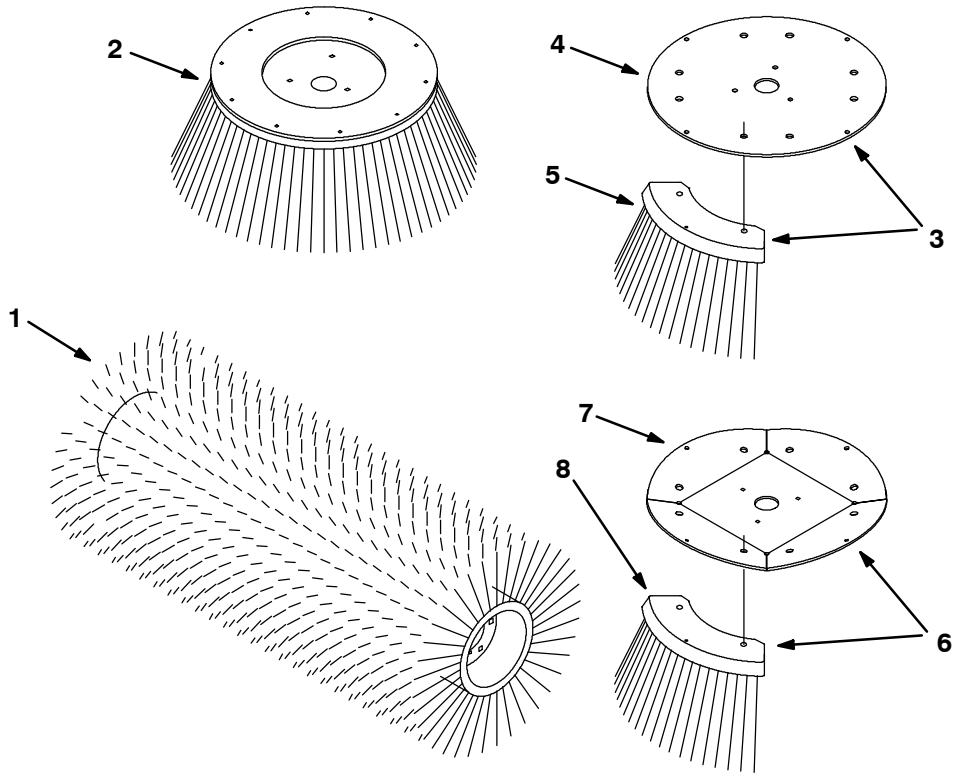
Fig. 1 - Recommended General Maintenance Items

Ref.	TENNANT Part No.	Machine Serial Number		Description	Qty.
	767013	(000000-	)	Filter Element,Hyd.Spin On	1
	762220	(000000-	)	Tee, Water Spray (Wet Dust Control)	1
	762221	(000000-	)	Nozzle, Water Spray (Wet Dust Control)	2
	762234	(000000-	)	Cap, Spray Nozzle (Wet Dust Control)	2
	764018	(000000-	)	Filter,Fuel	1
	52770-5	(000000-	)	Filter Element,Oil (Standard Engine)	1
	68986	(000000-	)	Filter Element,Oil (Turbo Engine)	1
	764131	(000000-	)	Filter Element,Air Donaldson (Standard Engine)	1
	764190	(000000-	)	Filter Element,Air Donaldson (Turbo Engine)	1
	760098	(000000-	)	Plug And Cap Kit, Hyd Ftg	1
	760099	(000000-	)	O-Ring Kit, Seal Lok	1
	761810	(000000-	)	Paint, Touch-up, Off-White, 12 oz.	1
	761811	(000000-	)	Paint, Touch-up, Blue-Green, 12 oz.	1
	65870-5	(000000-	)	Fluid, Hyd Oil, Lo Tp 5 Gal.	1
	767766	(000000-	)	424 Oil, Brakes, 2.5 Gal.	1
	764260	(000000-	)	Skirt Kit, Front (With 5 U-Nuts) (Dry Dust Control)	1
	764261	(000000-	)	Skirt Kit, S. B. (1 Per Side With 5 U-Nuts) (Dry Dust Control)	1
	768089	(000000-	)	Skirt, Dust Containment (1 Per Side With 2 U-Nuts) (Dry Dust Control)	2
	760749	(000000-	)	Strip, Rubber Paddle	11
	760897	(000000-	)	Skirt, Conveyor Lip	1
	760882	(000000-	)	Skirt, Conveyor Side	2
	765845	(000000-	)	Guide, Conveyor Chain	4
	760837	(000000-	)	Skirt, Side Deflectors	2
	761117	(000000-	)	Skirt, Dust, Rear	1
	761158	(000000-	)	Seal, Brush Door	2
	86385	(000000-	)	Grease, Anti-Corrosion Electrical	1
	761501	(000000-	)	Filter Bag Lifting Kit	1
	769657	(000000-	)	Filter, Cab Air Intake	1
	760914	(000000-	)	Pin, Kit Connecting 1.654	1
	760915	(000000-	)	Attachment, Repair Kit 1.654	1

Fig. 2 - Replacement Brushes



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	Ref.	TENNANT Part No.	Machine Serial Number	Description	Qty.
	1	761126	(000000-)	Brush-Main Sweep,51Lg Strp Poly	1
	2	761211	(000000-)	Brush-Side Sweep 32D Poly&Wire, Side	1
	2	761213	(000000-)	Brush-Side Sweep -32D Flatwire, Side	1
	2	761238	(000000-)	Brush-Side Sweep -32D Poly, Side	1
	2	761239	(000000-)	Brush-Side Sweep -38D Poly, Vario	1
	2	761372	(000000-)	Brush-Side Sweep-38D Poly&Wire, Vario	1
▽	3	768031	(000000-)	Brush Kit, Segmented -32 D-Poly	1
▲	4	768025	(000000-)	Plate, Side Brush	1
▲	5	768028	(000000-)	Brush-Side Swp, 4 Segments-Poly	1
▲▲		760107	(000000-)	Kit, Side Brush Spring	1
▲▲		769590	(000000-)	Kit, Ci, Linkage, Brush, Side	1
▽	3	768032	(000000-)	Brush Kit, Segmented -32 D-Flatwire	1
▲	4	768025	(000000-)	Plate, Side Brush	1
▲	5	768029	(000000-)	Brush-Side Swp, 4 Segments-Flatwire	1
▲▲		760107	(000000-)	Kit, Side Brush Spring	1
▲▲		769590	(000000-)	Kit, Ci, Linkage, Brush, Side	1
▽	3	768033	(000000-)	Brush Kit, Segmented -32 D-Poly&Wire	1
▲	4	768025	(000000-)	Plate, Side Brush	1
▲	5	768030	(000000-)	Brush-Side Swp, 4 Segments-Poly&Wire	1
▲▲		760107	(000000-)	Kit, Side Brush Spring	1
▲▲		769590	(000000-)	Kit, Ci, Linkage, Brush, Side	1
▽	6	768034	(000000-)	Brush Kit, Segmented -38 D-Poly	1
▲	7	768026	(000000-)	Plate, Front Brush/Vario	1
▲	8	768028	(000000-)	Brush-Side Swp, 4 Segments-Poly	1
▽	6	768036	(000000-)	Brush Kit, Segmented -38 D-Poly&Wire	1
▲	7	768026	(000000-)	Plate, Front Brush/Vario	1
▲	8	768030	(000000-)	Brush-Side Swp, 4 Segments-Poly&wire	1

Fig. 3 - Main Frame Group

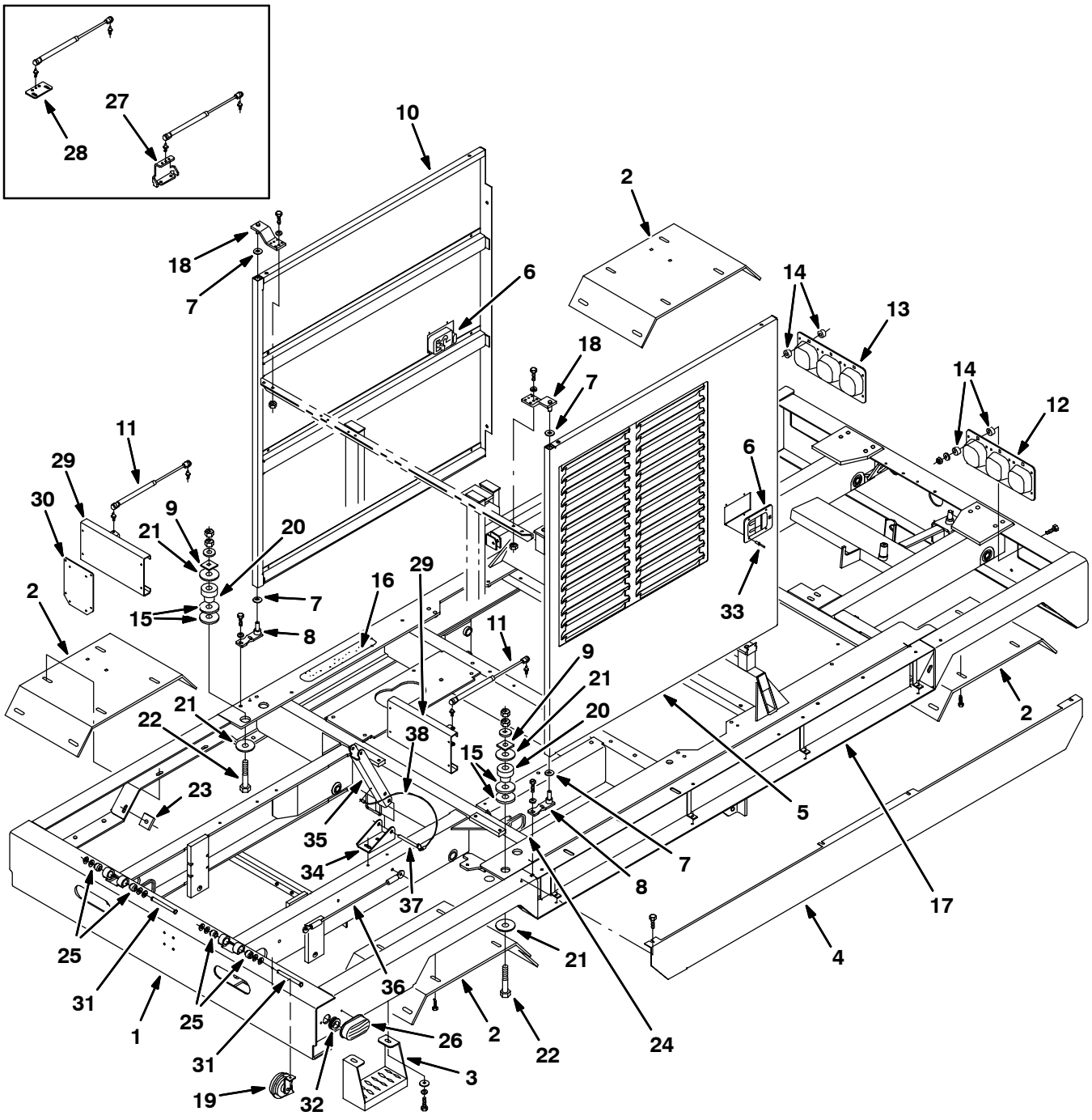

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Fig. 3 - Main Frame Group

	Ref.	TENNANT Part No.	Machine Serial Number		Description	Qty.
	1	765300	(000000-	)	Frame Wldt	1
	2	760357	(000000-	)	Fender	4
	3	765360	(000000-	)	Step Wldt	2
	4	765363	(000000-	)	Cover, Side Frame, Lh	1
▽	5	766935	(000000-003144	)	Kit, Engine Door Lh	1
▽	5	766930	(003145-	)	Door, Engine, Lh	1
▽	6	761956	(000000-	)	Latch,Eng.Door	2
▲		761957	(000000-	)	Key, Engine Door	2
	7	761044	(000000-	)	Bushing, Engine Door Hinge	4
	8	761043	(000000-	)	Pin, Hinge, Lower	2
	9	761093	(000000-	)	Pad,Cab Mount	2
▽	10	766945	(000000-003144	)	Kit, Engine Door Rh	1
▽	10	766940	(003145-	)	Door, Engine, Rh	1
	11	766980	(000000-	)	Gas Spring	2
▽	12	768620	(000000-	)	Taillight, Lh w/Connector	1
▲		762587	(000000-	)	Gasket, Taillight	3
▲		45779	(000000-	)	Bulb, GE (Signal/tail)	2
▲		45780	(000000-	)	Bulb, GE (Brake/backup)	1
▽	13	768619	(000000-	)	Taillight, Rh w/Connector	1
▲		762587	(000000-	)	Gasket, Taillight	3
▲		45779	(000000-	)	Bulb, GE (signal/tail)	2
▲		45780	(000000-	)	Bulb, GE (Brake/backup)	1
	14	762573	(000000-	)	Isolator, Taillight	12
	15	768487	(000000-	)	Washer	4
	16	75430	(000000-	)	Pad, Tread	1
	17	760395	(000000-	)	Retainer, Hoses	4
	18	766966	(000000-	)	Pin, Hinge, Upper	2
	19	369704	(000000-	)	Horn, 12V	1
	20	764016	(000000-	)	Isolator, Cab, Rear	2
	21	764073	(000000-	)	Washer, Special	4
	22	763083	(000000-	)	Bolt Weldt.	2
	23	763126	(000000-	)	U-Nut, 10mmx1.25x0.75in	16
	24	761237	(000000-	)	Molding, Rigid	4
	25	765307	(000000-	)	Bushing	4
	26	768614	(000000-	)	Lamp, Assy., Side Marker	2
	27	766977	(000000-003144	)	L.H. Bracket	1
	28	766979	(000000-003144	)	R.H. Bracket	1
	29	766987	(003145-	)	Door Limiter	2
	30	766984	(003145-	)	Plate	1
	31	51538	(000000-	)	Clevis Pin	2
	32	765391	(000000-	)	Grommet	2
	33	60428	(000000-	)	Pivet	8
	34	768411	(000000-	)	Bracket	1
	35	768410	(000000-	)	Channel	1
	36	768412	(000000-	)	Cable	1
	37	768413	(000000-	)	Pin	1
	38	57702	(000000-	)	Cable	1

Fig. 4 - Right Brush Door Group

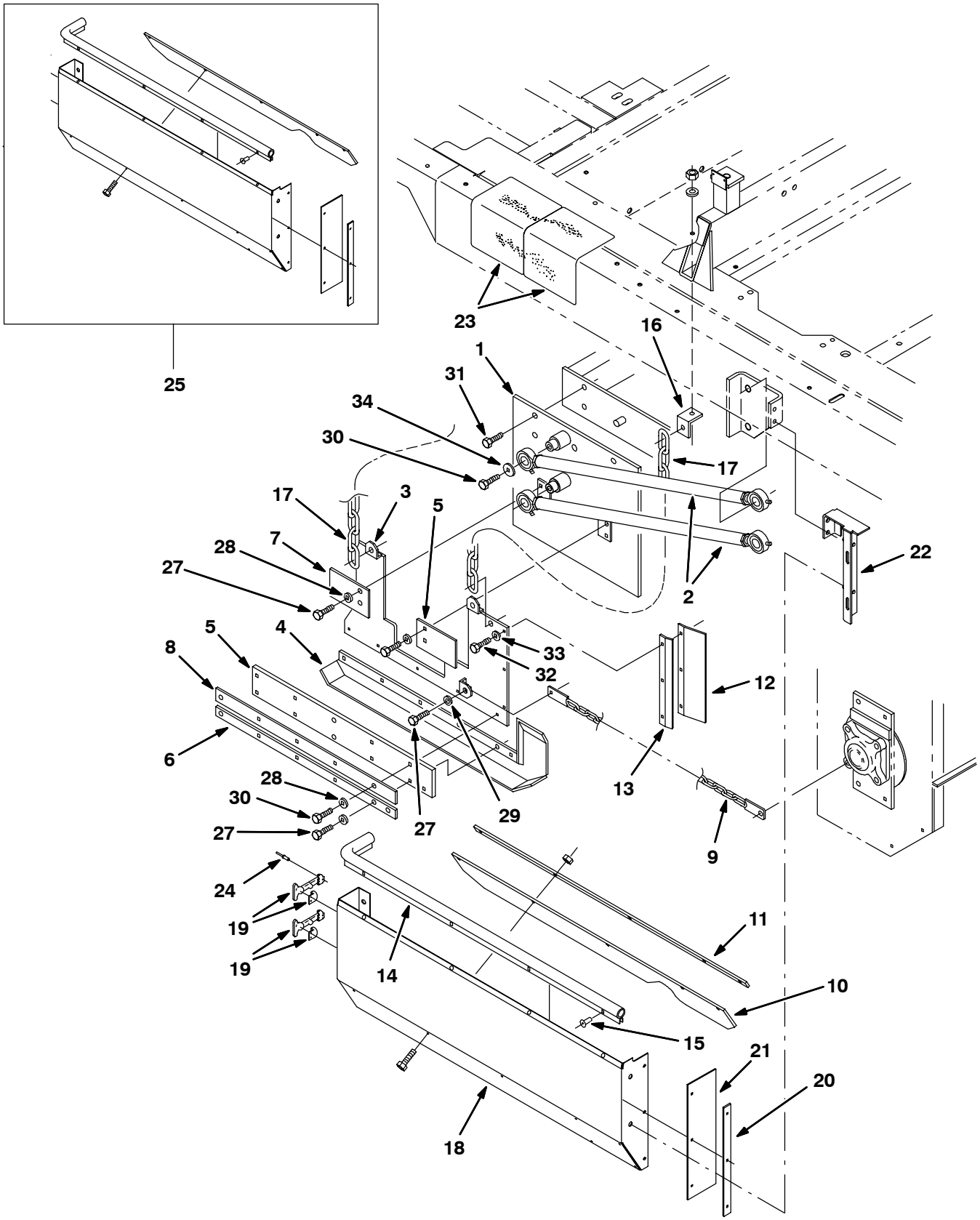

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Fig. 4 - Right Brush Door Group

	Ref.	TENNANT Part No.	Machine Serial Number	Description	Qty.
	1	761114	(000000-)	Plate Wldt, Cage, Rh	1
	2	768009	(000000-)	Rod Link, Brush Support Adj	2
	3	768205	(000000-)	Plate Wldt, Support, Side, Rh	1
▽	4	768222	(000000-)	Skid Kit, Carbide, Rh & Lh	1
▲		768207	(000000-)	Skid Weld't, Carbide Rh	1
▲		768202	(000000-)	Skid Weld't, Carbide Lh	1
▲	5	768209	(000000-)	Cushion,Side Skids	1
▲	6	768210	(000000-)	Strip, Retainer Skirt	1
	7	761106	(000000-)	Plate, Brush Guide	2
	8	768211	(000000-)	Strip, Retainer, Upper	1
	9	761170	(000000-)	Chain, Brush, Cage	1
	10	761158	(000000-)	Seal, Brush Door	1
	11	760208	(000000-)	Retainer, Side Skirt,Brushdoor	1
	12	761121	(000000-)	Seal, Vertical	1
	13	761120	(000000-)	Strip, Retainer, Vertical	2
	14	760205	(000000-)	Seal,Brush Door	1
	15	763075	(000000-)	Rivet, Pop .156Dx.710x.312Dhd	5
	16	761124	(000000-)	Angle, Skid Chain	2
	17	761125	(000000-)	Chain, 2/0 13 Links	2
	18	768043	(003436-)	Door, Brush, Rh	1
	19	761179	(000000-)	T-Handle, Latch 5"	2
	20	764256	(000000-)	Retainer	1
	21	768099	(000000-)	Seal	1
	22	765336	(000000-)	Support Wldt, Door Rh	1
	23	19895	(000000-)	Mat, Floor	2
	24	60428	(000000-)	Rivet	8
	25	768041	(000000-003435)	Replacement Kit, Door, Brush Rh	1
	26	47801	(000000-)	Fitting, Grease, Str Pm04 .63l	4
	27	39277	(000000-)	Screw, Hex, M 8 X 1.25 X 25	10
	28	763041	(000000-)	Washer, Belleville, M08	14
	29	32490	(000000-)	Washer, Flat, 0.25 Std	1
	30	16931	(000000-)	Screw, Hex, M 8 X 1.25 X 20	7
	31	76570	(000000-)	Screw, Hex, M 8 X 1.25 X 30	2
	32	06943	(000000-)	Screw, Hex, M 6 X 1.0 X 20	3
	33	763040	(000000-)	Washer, Belleville, M06	3
	34	39890	(000000-)	Washer, Flat, M08 Fender	2

Fig. 5 - Left Brush Door Group

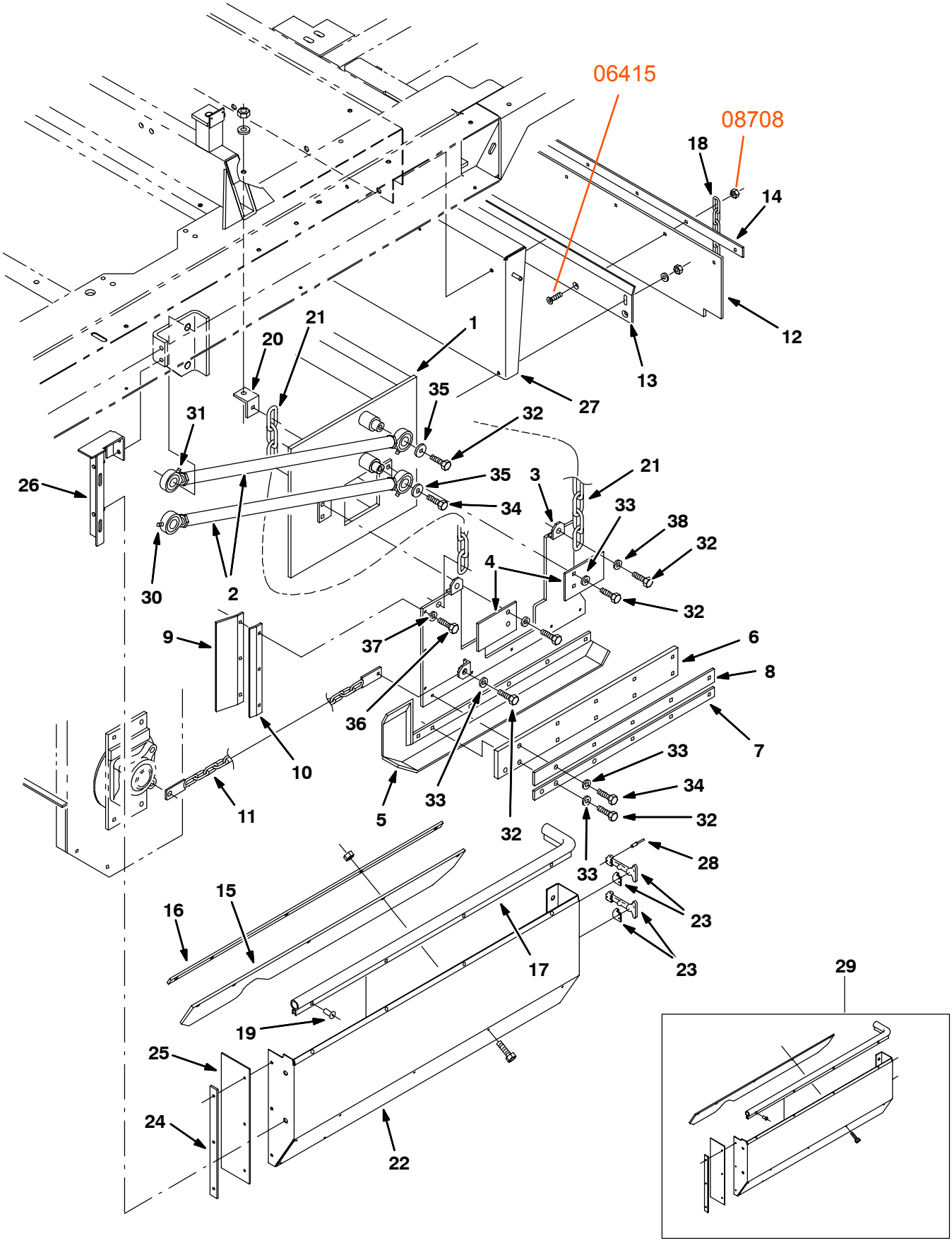

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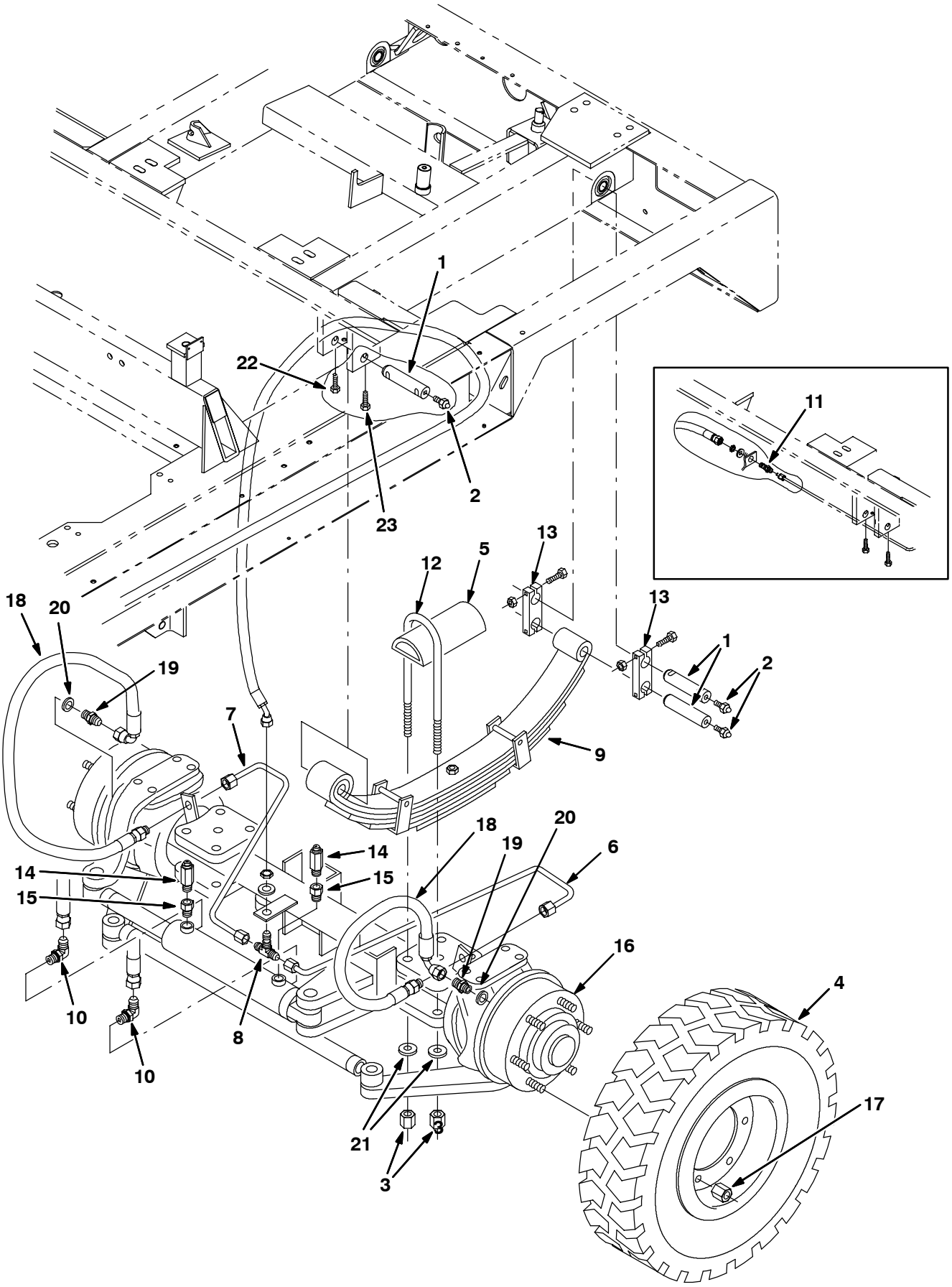
Fig. 5 - Left Brush Door Group

	Ref.	TENNANT Part No.	Machine Serial Number		Description	Qty.
	1	761104	(000000-	)	Cage Wldt, Support, Brush	1
	2	768009	(000000-	)	Rod Link, Brush Support Adj	2
	3	768200	(000000-	)	Plate Wldt, Support, Side, Lh	1
	4	761106	(000000-	)	Plate, Brush Guide	2
▽	5	768222	(000000-	)	Skid Kit, Carbide, Rh & Lh	1
▲		768202	(000000-	)	Skid Weld't, Carbide Lh	1
▲		768207	(000000-	)	Skid Weld't, Carbide Rh	1
▲	6	768209	(000000-	)	Cushion,Side Skids	1
▲	7	768210	(000000-	)	Strip, Retainer Skirt	1
	8	768211	(000000-	)	Strip, Retainer, Upper	1
	9	761121	(000000-	)	Seal, Vertical	1
	10	761120	(000000-	)	Strip, Retainer, Vertical	2
	11	761170	(000000-	)	Chain, Brush, Cage	1
	12	761117	(000000-	)	Skirt, Rear Dust	1
	13	761118	(000000-	)	Bracket, Retainer, Rear	1
	14	761119	(000000-	)	Strip, Retainer, Vertical	1
	15	761158	(000000-	)	Seal, Brush, Door	1
	16	760208	(000000-	)	Retainer, Side Skirt,Brushdoor	1
	17	760205	(000000-	)	Seal,Brush Door	1
	18	48183	(000000-	)	Chain,Link#2/0,11Links,Zinc Pl	1
	19	763075	(000000-	)	Rivet, Pop .156Dx.710x.312Dhd	5
	20	761124	(000000-	)	Angle, Skid Chain	2
	21	761125	(000000-	)	Chain, 2/0 13 Links	2
	22	768042	(003436-	)	Door, Brush Lh	1
	23	761179	(000000-	)	T-Handle, Latch 5"	2
	24	764256	(000000-	)	Retainer	1
	25	768099	(000000-	)	Seal	1
	26	765335	(000000-	)	Support Wldt, Brush Door Lh	1
	27	765322	(000000-	)	Brush Wrap	1
	28	60428	(000000-	)	Rivet	8
	29	768040	(000000-003435	)	Replacement Kit, Door, Brush Lh	1
	30	47801	(000000-	)	Fitting, Grease, Str Pm04 .63l	2
	31	09718	(000000-	)	Fitting, Grease, E90 Pm04 .75l	2
	32	39277	(000000-	)	Screw, Hex, M 8 X 1.25 X 25	13
	33	763041	(000000-	)	Washer, Belleville, M08	11
	34	16931	(000000-	)	Screw, Hex, M 8 X 1.25 X 20	6
	35	39890	(000000-	)	Washer, Flat, M08 Fender	4
	36	06943	(000000-	)	Screw, Hex, M 6 X 1.0 X 20	3
	37	763040	(000000-	)	Washer, Belleville, M06	3
	38	32490	(000000-	)	Washer, Flat, 0.25 Std	2

Fig. 6 - Rear Axle Group



351863

Fig. 6 - Rear Axle Group

	Ref.	TENNANT Part No.	Machine Serial Number		Description	Qty.
	1	761017	(000000-	)	Pin, Spring	6
	2	06418	(000000-	)	Ftg, Grease.12 Npt Strt .66L	6
	3	761010	(000000-	)	Nut, Special U-Bolt, .75 Deep	8
▽	4	761011	(000000-	)	Tire & Rim Assy, (Bias Ply)	2
▲		761012	(000000-	)	Wheel	1
▲		761013	(000000-	)	Tire,7.00X12 Hd Rib Lug, (Bias Ply)	1
▲		761014	(000000-	)	Tube,Tire 7.00X12, (Bias Ply)	1
▲		57048	(000000-	)	Washer, 0.53b 2.13d .11, Stl, Pl	1
▽	4	761799	(000000-	)	Tire & Rim Assy, (Radial)	2
▲		761012	(000000-	)	Wheel	1
▲		761798	(000000-	)	Tire,7.00X12, (Radial)	1
▲		761014	(000000-	)	Innertube, 7.00 X 12, [Tr440]	1
▲		57048	(000000-	)	Washer, .532 Bx2.13x.11 HR ZNC	1
	5	761019	(000000-	)	Saddle, U-Bolt	2
	6	761996	(000000-	)	Tube, Brake, Rear, Lh	1
	7	761997	(000000-	)	Tube, Brake, Rear, Rh	1
	8	34392	(000000-	)	Ftg-Hyd Tee	1
	9	761004	(000000-	)	Spring, Rear Leaf	2
	10	762432	(000000-	)	Ftg-Hyd, E90	2
	11	761037	(000000- xxxxxx	)	Ftg, Str, Bulkhead	1
	12	761005	(000000-	)	U-Bolt, Rear Spring	4
	13	761018	(000000-	)	Bar, Side Spring	4
	14	762430	(000000-	)	Ftg-Hyd Bleeder, 4	2
	15	762431	(000000-	)	Ftg-Hyd, 6	2
▽	16	767702	(000000-	)	Axle, Rear (See Breakdowns)	1
▲	17	761025	(000000-	)	Lug Nut, Flanged	12
▲	18	761995	(000000-	)	Hose	2
▲	19	761992	(000000-	)	Fitting, Brakeline	2
▲	20	761993	(000000-	)	Washer, Brakeline	2
	21	761020	(000000-	)	Washer	8
	22	21195	(000000-	)	Screw Hex .38-16x.75	2
	23	768872	(000000-	)	Screw Hex.38-16x 1.25	2

Fig. 7 - Front Axle And Transmission Group

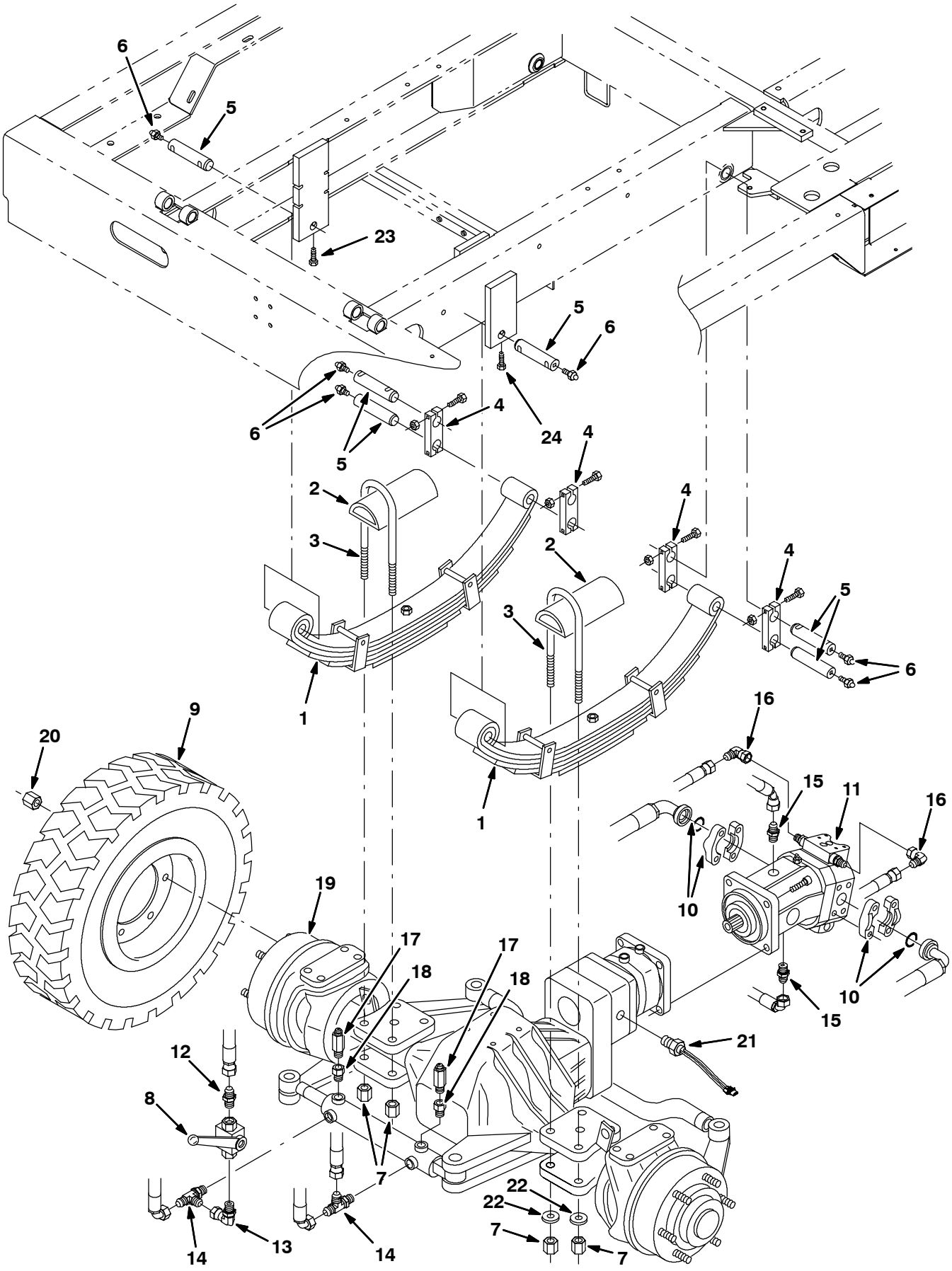


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Fig. 7 - Front Axle And Transmission Group

	Ref.	TENNANT Part No.	Machine Serial Number		Description	Qty.
	1	761003	(000000-004467	)	Spring, Front Leaf	2
	1	770016	(004468-	)	Spring, Front Leaf	2
	2	761019	(000000-	)	Saddle, U-Bolt	2
	3	761022	(000000-004467	)	U-Bolt, Front Spring	4
	3	761005	(004467-	)	U-Bolt, Front Spring	4
	4	761018	(000000-	)	Bar, Side Spring	4
	5	761017	(000000-	)	Pin, Spring	6
	6	06418	(000000-	)	Ftg, Grease.12 Npt Strt .66L	6
	7	761010	(000000-	)	Nut, Special U-Bolt, .75 Deep	8
	8	762007	(000000-	)	Valve, Ball Hycon	1
▽	9	761011	(000000-	)	Tire & Rim Assy, (Bias Ply)	2
▲		761012	(000000-	)	Wheel	1
▲		761013	(000000-	)	Tire,7.00X12 Hd Rib Lug, (Bias Ply)	1
▲		761014	(000000-	)	Tube,Tire 7.00X12, (Bias Ply)	1
▲		57048	(000000-	)	Washer, .532 Bx2.13x.11 HR ZNC	1
▽	9	761799	(000000-	)	Tire & Rim Assy, (Radial)	2
▲		761012	(000000-	)	Wheel	1
▲		761798	(000000-	)	Tire,7.00X12, (Radial)	1
▲		761014	(000000-	)	Innertube, 7.00 X 12, [Tr440]	1
▲		761796	(000000-	)	Washer, Valve Stem Slot	1
	10	762488	(000000-	)	Ftg-Hyd Sae Flange	2
	11	762136	(000000-	)	Motor, Piston, (See Breakdowns)	1
	11	376059	(000000-	)	Motor, Hyd, Rebuilt, F/762136, (See Breakdowns)	1
	12	762433	(000000-	)	Ftg-Hyd, Str	1
	13	762441	(000000-	)	Ftg-Hyd, E90	1
	14	762434	(000000-	)	Ftg-Hyd, Tee	2
	15	762109	(000000-	)	Fitting, Special	2
	16	762427	(000000-	)	Ftg-Hyd, E90	2
	17	762430	(000000-	)	Ftg-Hyd, Bleeder,4	2
	18	762431	(000000-	)	Ftg-Hyd, 6	2
▽	19	767701	(000000-	)	Axle, Front (See Breakdowns)	1
▲	20	761025	(000000-	)	Lug Nut, Flanged	12
	21	768608	(000000-	)	Sensor, Speed	1
	22	761020	(000000-	)	Washer	8
	23	21195	(000000-	)	Screw Hex .38-16x.75	2
	24	768872	(000000-	)	Screw Hex.38-16x 1.25	2

Fig. 8 - Front Brake Cable And Lines Group (000000-003969)

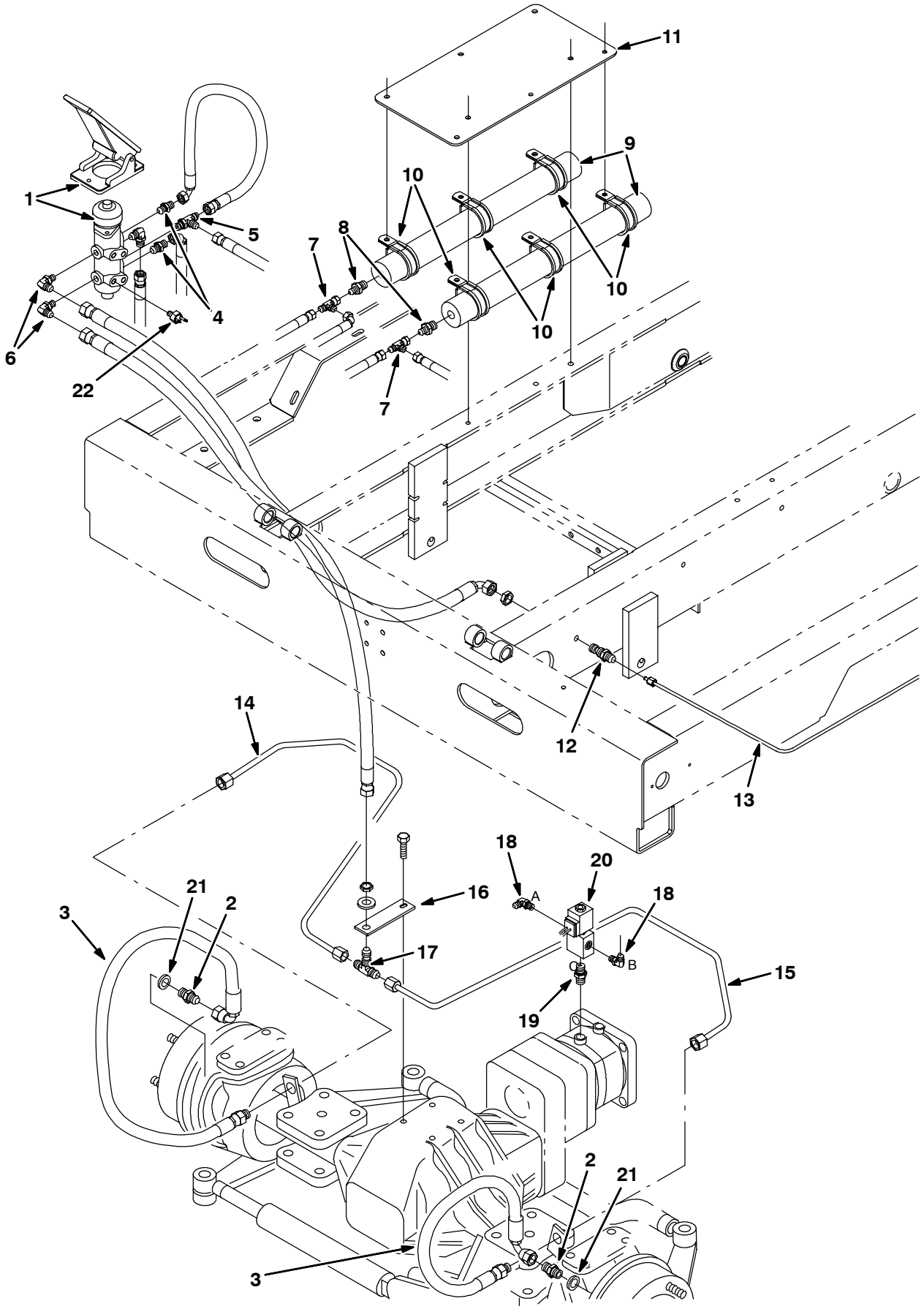

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Fig. 8 - Front Brake Cable And Lines Group (000000-003969)

Ref.	TENNANT Part No.	Machine Serial Number	Description	Qty.
1	767212	(000000-003969)	Valve, Brake	1
2	761992	(000000-003969)	Fitting, Brake Line	2
3	761995	(000000-003969)	Hose	2
4	762426	(000000-003969)	Fitting, Hyd, Str	2
5	762434	(000000-003969)	Fitting, Hyd	1
6	762425	(000000-003969)	Fitting, Hyd	2
7	767422	(000000-003969)	Fitting, Hyd, Tee	2
8	767421	(000000-003969)	Fitting, Hyd, Str	2
9	767016	(000000-003969)	Accumulator, Piston	2
10	70157	(000000-003969)	Clamp, Cable	6
11	767025	(000000-003969)	Plate, Accumulator	1
12	761037	(000000-003969)	Fitting, Str, Bkhd	1
13	765366	(000000-003969)	Brakeline	1
14	761998	(000000-003969)	Tube, Brake,Front, Rh	1
15	761999	(000000-003969)	Tube, Brake Front, Lh	1
16	766031	(000000-003969)	Plate, Hyd Line	1
17	34392	(000000-003969)	Fitting, Hyd, Tee	1
18	762427	(000000-003969)	Fitting, Hyd, Elbow	2
19	767423	(000000-003969)	Fitting, Hyd, Str	1
20	767207	(000000-003969)	Valve, Hyd Cntrl Sol (See Breakdowns)	1
21	761993	(000000-003969)	Washer	2
22	13959	(000000-003969)	Switch, Brakelight	1

Fig. 9 - Front Brake Cable And Lines Group (003970-)

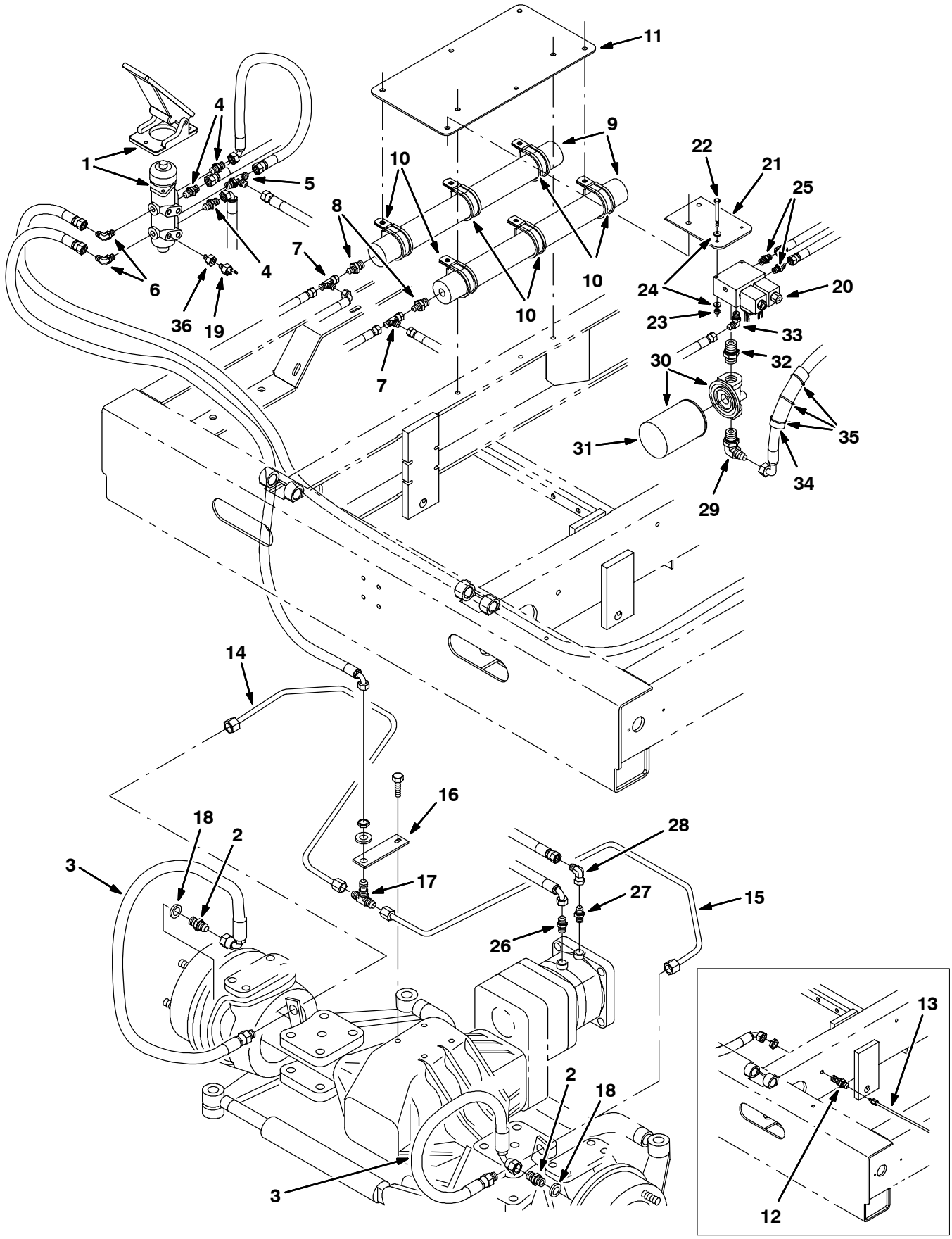

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Fig. 9 - Front Brake Cable And Lines Group (003970-)

Ref.	TENNANT Part No.	Machine Serial Number	Description	Qty.
1	767212	(003970-)	Valve, Brake	1
2	761992	(003970-)	Fitting, Brake Line	2
3	761995	(003970-)	Hose	2
4	762426	(003970-)	Fitting, Hyd, Str	3
5	762434	(003970-)	Fitting, Hyd	1
6	762425	(003970-)	Fitting, Hyd	2
7	767422	(003970-)	Fitting, Hyd, Tee	2
8	767421	(003970-)	Fitting, Hyd, Str	2
9	767016	(003970-)	Accumulator, Piston	2
10	70157	(003970-)	Clamp, Cable	6
11	767025	(003970-)	Plate, Accumulator	1
12	761037	(003970- xxxxxx)	Fitting, Str, Bkhd	1
13	770003	(003970- xxxxxx)	Kit, Hose Hyd. Brake	1
14	761998	(003970-)	Tube, Brake,Front, Rh	1
15	761999	(003970-)	Tube, Brake Front, Lh	1
16	766031	(003970-)	Plate, Hyd Line	1
17	34392	(003970-)	Fitting, Hyd, Tee	1
18	761993	(003970-)	Washer	2
19	770148	(003970-)	Switch, Press, 12vdc A Spst No 0060psi	1
20	768883	(003970-)	Valve, Hyd., Brake, Parking (See Breakdowns)	1
21	768887	(003970-)	Plate, Valve	1
22	06950	(003970-)	Screw, Hex m06	2
23	08708	(003970-)	Nut, Hex m06	2
32483 24	~~07799~~	(003970-)	Washer ~~m06~~ .250SAE	4
25	762428	(003970-)	Fitting, Hyd	2
26	762426	(003970-)	Fitting, Hyd	1
27	768886	(003970-)	Fitting, Hyd. Str	1
28	768884	(003970-)	Fitting, Hyd. E90	1
29	762462	(003970-)	Fitting, Hyd	1
30	55619	(003970-)	Filter Assy.	1
31	55740	(003970-)	Filter, Oil	1
32	768885	(003970-)	Fitting, Hyd. Str	1
33	762427	(003970-)	Fitting, Hyd. Elbow	1
34	762178	(003970-)	Guard, Hose	1
35	763116	(003970-)	Tie, Cable	3
36	767427	(003970-)	Fitting, Hyd, Str	1

Fig. 10 - Main Brush Group

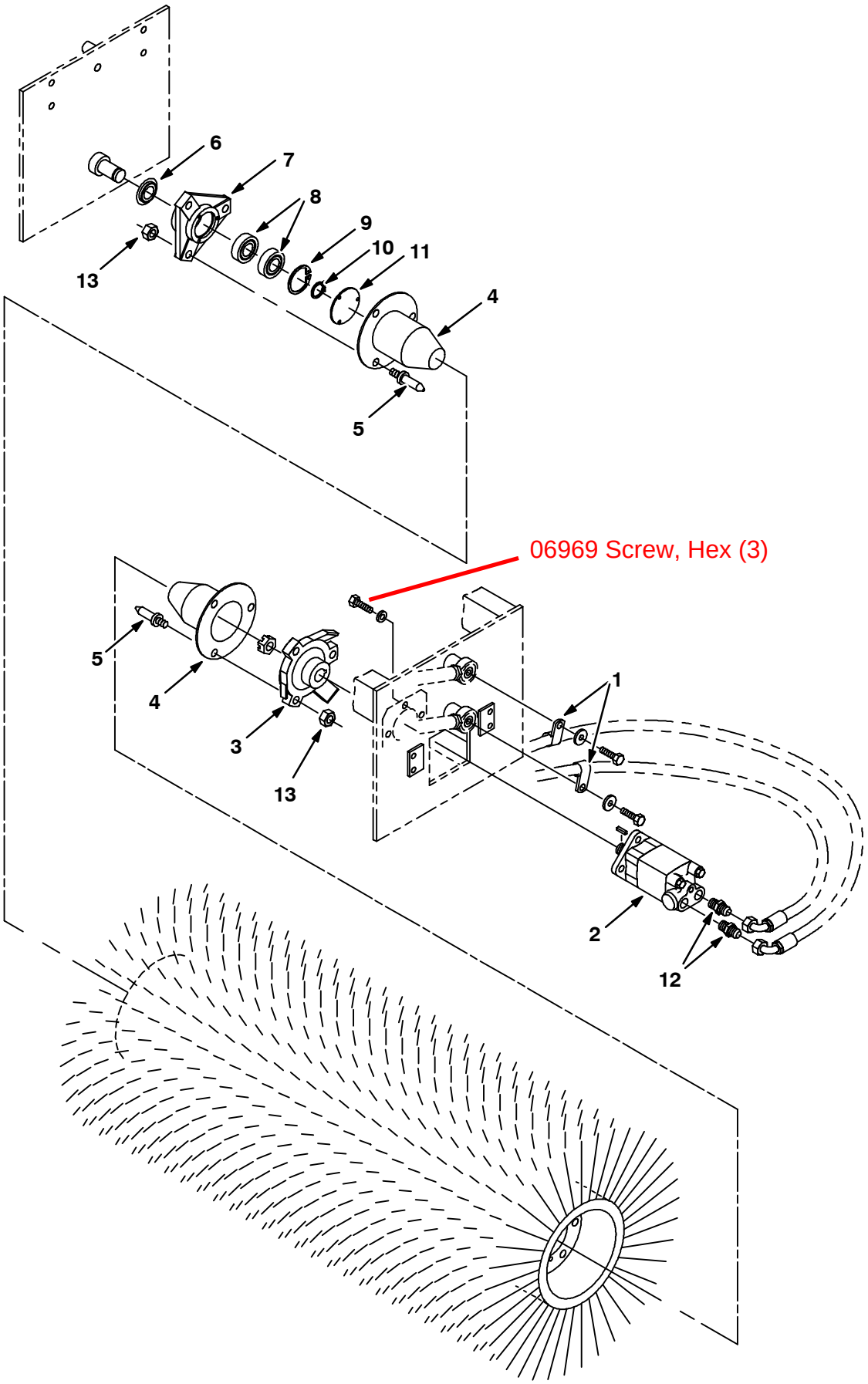

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Fig. 10 - Main Brush Group

Ref.	TENNANT Part No.	Machine Serial Number		Description	Qty.
1	58366	(000000-	)	Clamp-Cable, 1.25Dia. 1.0Wth	2
2	762045	(000000-	)	Motor,Hyd Main Brush (See Breakdowns)	1
3	761141	(000000-	)	Plug, Brush Drive,	1
4	761131	(000000-	)	Plug, Brush Guide	2
5	761128	(000000-	)	Pin, Brush Plug	6
6	763134	(000000-	)	Seal, Dust	1
7	761134	(000000-	)	Plug, Brush Idler	1
8	360074	(000000-	)	Bearing	2
9	763133	(000000-	)	Retaining Ring, 62 Dia	1
10	763131	(000000-	)	Retaining Ring, 30 Dia	1
11	761130	(000000-	)	Plate, Lid, Brush Drive	1
12	762463	(000000-	)	Ftg-Hyd, Str	2
13	33342	(000000-	)	Nut-Hxlocnyln M16x2.0 Reg Pltd	6

Fig. 11 - Main Brush Lift Group

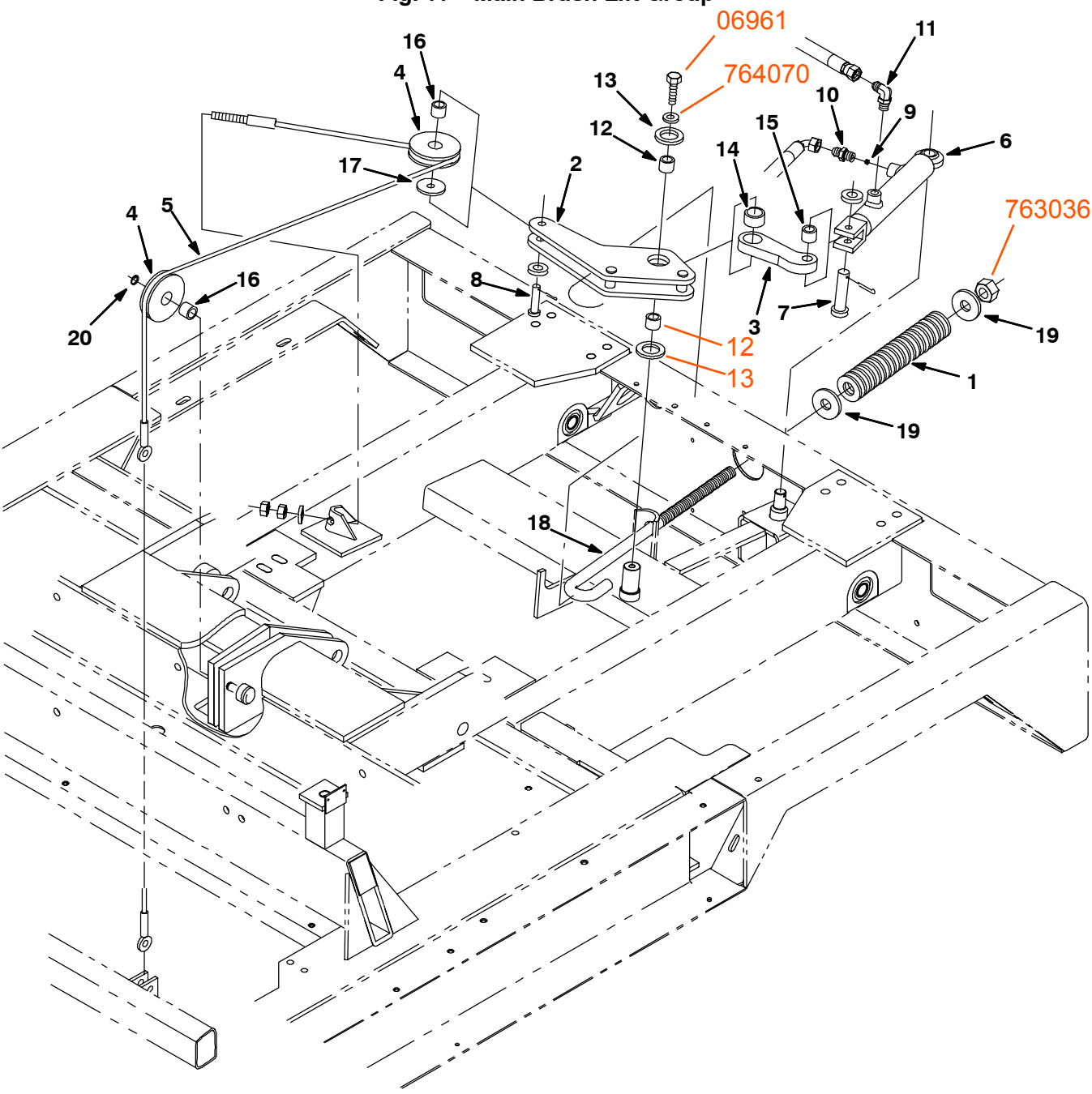

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Fig. 11 - Main Brush Lift Group

	Ref.	TENNANT Part No.	Machine Serial Number		Description	Qty.
	1	768014	(000000-	)	Spring, Brush Lift	1
	2	768019	(000000-	)	Arm Wldt	1
	3	765370	(000000-	)	Plate, Arm	1
	4	760916	(000000-	)	Pulley	2
	5	765488	(000000-	)	Cable, Brush Lift	1
▽	6	762010	(000000-	)	Cylinder, Hyd Main Brush Lift	1
▲		762072	(000000-	)	Kit, Seal, Cyl, Hyd	1
	7	760925	(000000-	)	Pin, Brush Lift	1
	8	760921	(000000-	)	Pin, Brush Lift	1
	9	767211	(000000-	)	Orifice, Hyd Cylinder	1
	10	762426	(000000-	)	Ftg-Hyd, Str	1
	11	762425	(000000-	)	Ftg-Hyd, E90	1
	12	763022	(000000-	)	Bearing, Sleeve 30x38x10	2
	13	763024	(000000-	)	Washer, Thrust 32.1x50.8x3.2	2
	14	763003	(000000-	)	Bearing	1
	15	763007	(000000-	)	Bearing	1
	16	763118	(000000-	)	Bearing	2
	17	763050	(000000-	)	Bearing, Thrust	1
	18	765380	(000000-	)	Hook, Threaded M20x10	1
	19	765381	(000000-	)	Washer, 2.250x.812x.250	2
	20	765461	(000000-	)	Retaining Ring	1

Fig. 12 - Engine And Mount Group

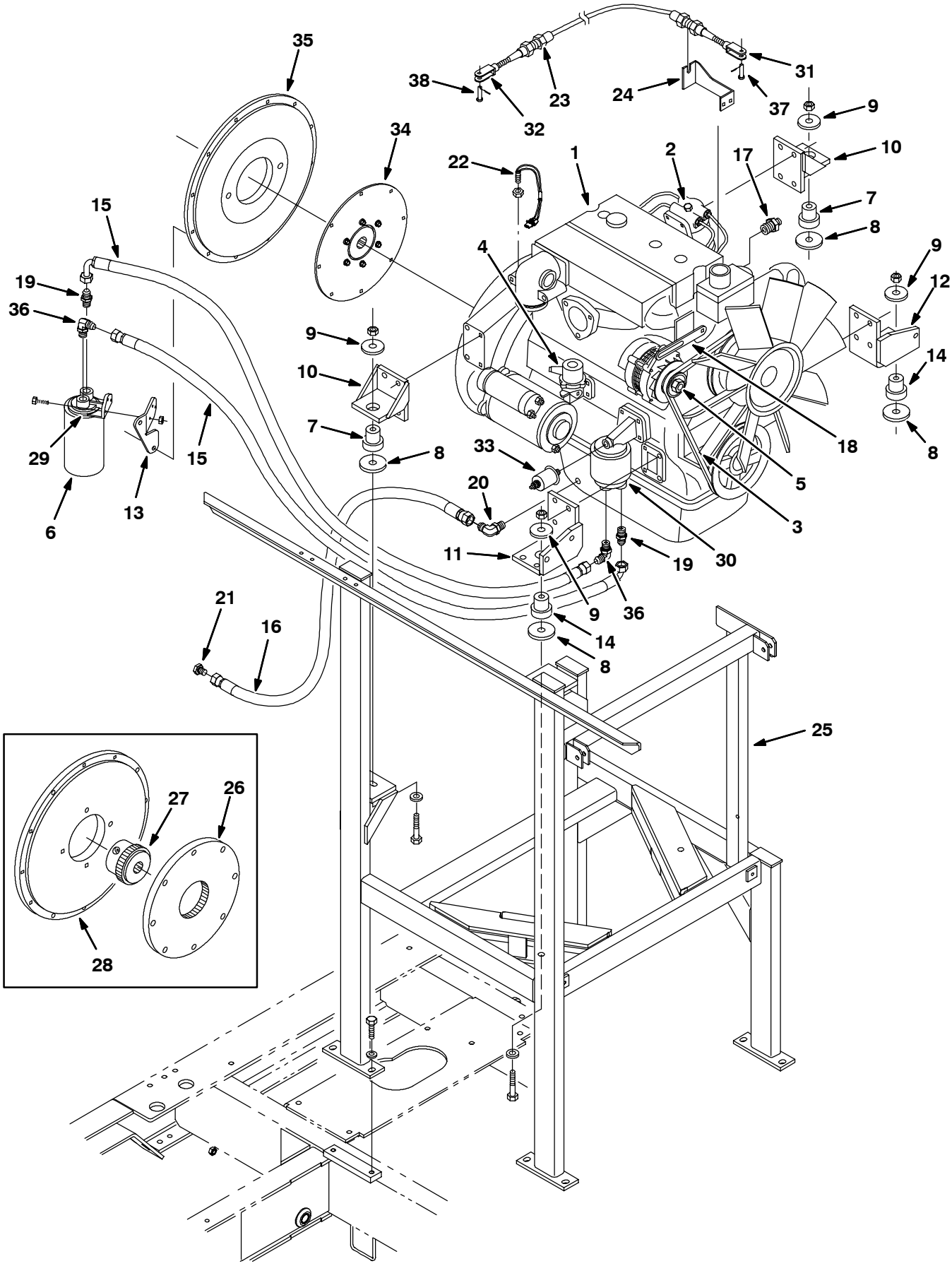

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Fig. 12 - Engine And Mount Group

	Ref.	TENNANT Part No.	Machine Serial Number	Description	Qty.
▽	1	766400	(000000-)	Engine Assy, (Std Engine)	1
▲	2	764018	(000000-)	Filter Element, Fuel	1
▲	3	766691	(000000-)	Belt,Alternator (Set Of 2)	1
▲	4	764017	(000000-)	Pump,Fuel	1
▲	5	766690	(000000-)	Alternator	1
▲	6	52770-5	(000000-)	Filter Element,Oil	1
▽	1	766402	(000000-)	Engine Assy, (Waste Gated Turbo Engine)	1
▲	2	764896	(000000-)	Filter Element, Fuel	1
▲	3	766691	(000000-)	Belt,Alternator (Set Of 2)	1
▲	4	764017	(000000-)	Pump,Fuel	1
▲	5	766690	(000000-)	Alternator	1
▲	6	68986	(000000-)	Filter Element,Oil Turbo	1
	7	764015	(000000-)	Isolator, Mtg,Flywheel,Orange	2
	8	764071	(000000-)	Washer, Special	4
	9	764070	(000000-)	Washer, Special	4
	10	764009	(000000-)	Support,Engine Flywheel	2
	11	764011	(000000-)	Support, Eng Fan, Side, Front	1
	12	764012	(000000-)	Support,Engine Fan Side Rear	1
	13	766016	(000000-)	Bracket,Oil Filter	1
	14	764014	(000000-)	Isolator, Mtg, Fan, Side	2
	15	767314	(000000-)	Hose,Hyd	1
	16	762409	(000000-)	Hose,Hyd	1
	17	762550	(000000-)	Sender, Water Temp	1
	18	762094	(003709-)	Lever, Alternator	1
	19	762456	(000000-)	Ftg-Hyd, Str	2
	20	762446	(000000-)	Ftg-Hyd, E90	1
	21	762448	(000000-)	Ftg-Hyd, Plug	1
	22	768593	(000000-)	Sensor, Magnetic Pickup	1
	23	764045	(000000-)	Cable, Engine Speed	1
	24	766035	(000000-)	Bracket,Throttle Cable	1
	25	766033	(000000-)	Support Weldt,Engine	1
	26	764006	(000000-004383)	Flywheel Flange, Nylon	1
	27	764008	(000000-004383)	Hub, Pump Drive Sae ”C”	1
	28	764007	(000000-004383)	Plate, Pump Mount, 2 Bolt ”C”	1
	29	764152	(000000-)	Base, Remote Oil Filter	1
	30	764151	(000000-)	Adaptor, Oil Filter	1
	31	761292	(000000-)	Clevi & Spring Assy .250	1
	32	761293	(000000-)	Clevi & Spring Assy .188	1
	33	768627	(000000-)	Sending Unit	1
	34	769588	(004384-)	Hub, Drive, Pump	1
	35	769587	(004384-)	Plate, Mounting, Pump	1
	36	79886	(000000-)	Fitting, Hyd	2
	37	761292	(000000-)	Clevis Assy, .25	1
	38	761293	(000000-)	Clevis Assy, .19	1

Fig. 13 - Fuel Tank & Lines Group

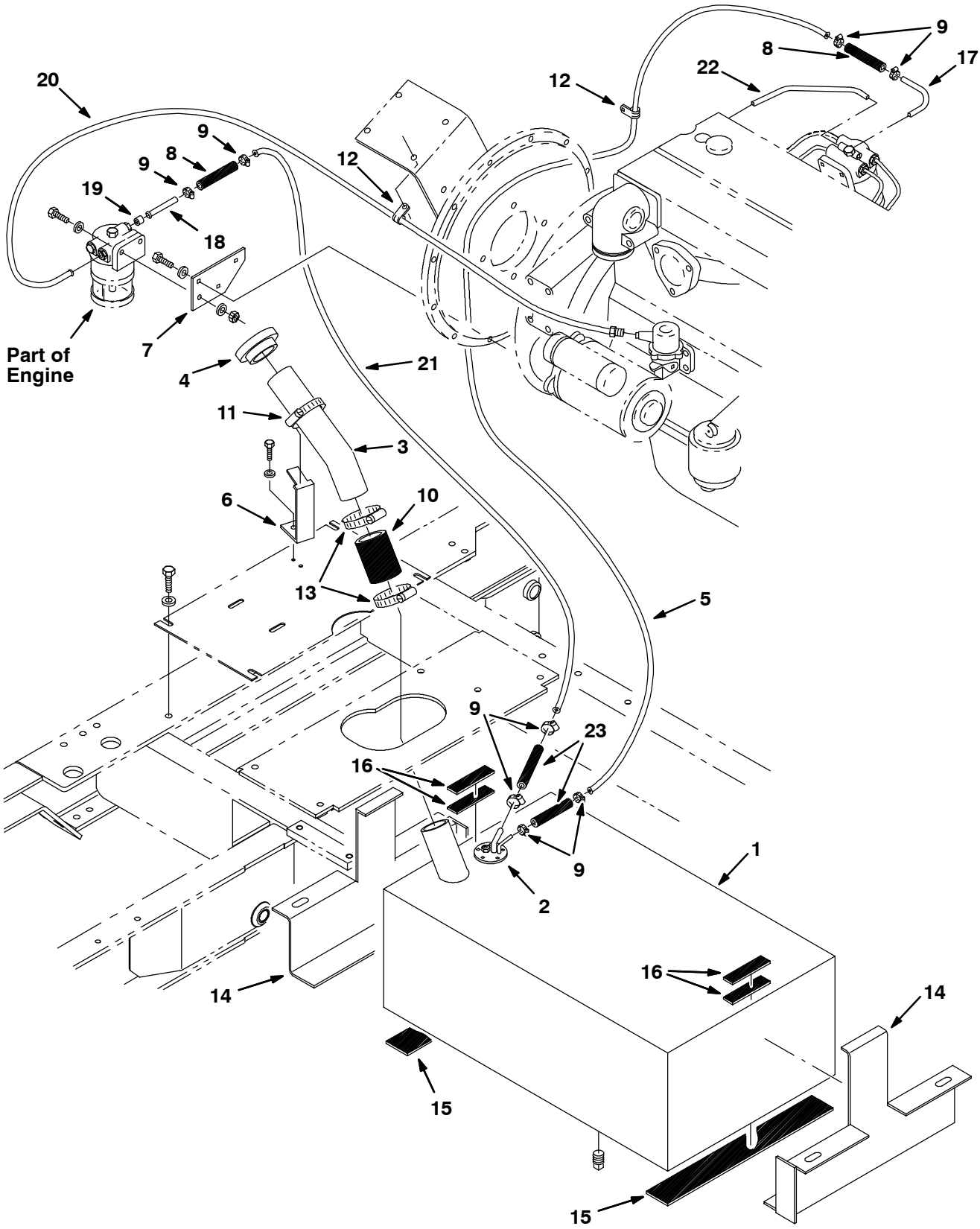

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Fig. 13 - Fuel Tank & Lines Group

	Ref.	TENNANT Part No.	Machine Serial Number		Description	Qty.
▽	1	764002	(000000-	)	Fuel Tank	1
▲	2	764064	(000000-	)	Sending Unit,Fuel Tank	1
	3	761035	(000000-	)	Filler, Neck, Fuel Tank	1
	4	761036	(000000-	)	Cap, Fuel Tank Filler	1
	5	765371	(000000-	)	Tube Assy, Return	1
	6	764087	(000000-	)	Bracket,Filler Tube	1
	7	764067	(000000-	)	Plate,Water Trap	1
	8	32808	(000000-	)	Hose .25 Dia. Fuel LineL	2
	9	43844	(000000-	)	Clamp-Wormdrive, 0.25- 0.62D	8
	10	764090	(000000-	)	Hose,Fuel Fill 2.25X3.75In Lg	1
	11	22297	(000000-	)	Clamp-Wormdrive, 1.56- 2.50D L	1
	12	76736	(000000-	)	Clamp-Cable, 0.38Dia 0.62Wth	2
	13	14432	(000000-	)	Clamp-Wormdrive, 1.81- 2.75D	2
	14	764126	(000000-	)	Bracket Weldt	2
	15	764129	(000000-	)	Strip, Rubber, Long	2
	16	764139	(000000-	)	Strip, Rubber, Short	4
	17	766037	(000000-	)	Tube, Fuel Line, 90	1
	18	764134	(000000-	)	Tube, Fuel Line	1
	19	764839	(000000-	)	Olive	1
	20	761503	(000000-	)	Tube, Fuel Line, Upper	1
	21	761504	(000000-	)	Tube , Fuel Line, Lower	1
	22	766047	(000000-	)	Tube, Fuel line	1
	22	766036	(000000-003865	)	Tube, Bleed-off Line (Waste Gated Turbo)	1
	23	769819	(000000-	)	Hose, Fuel .31 Dia.	2

Fig. 14 - Radiator And Hydraulic Cooler Group

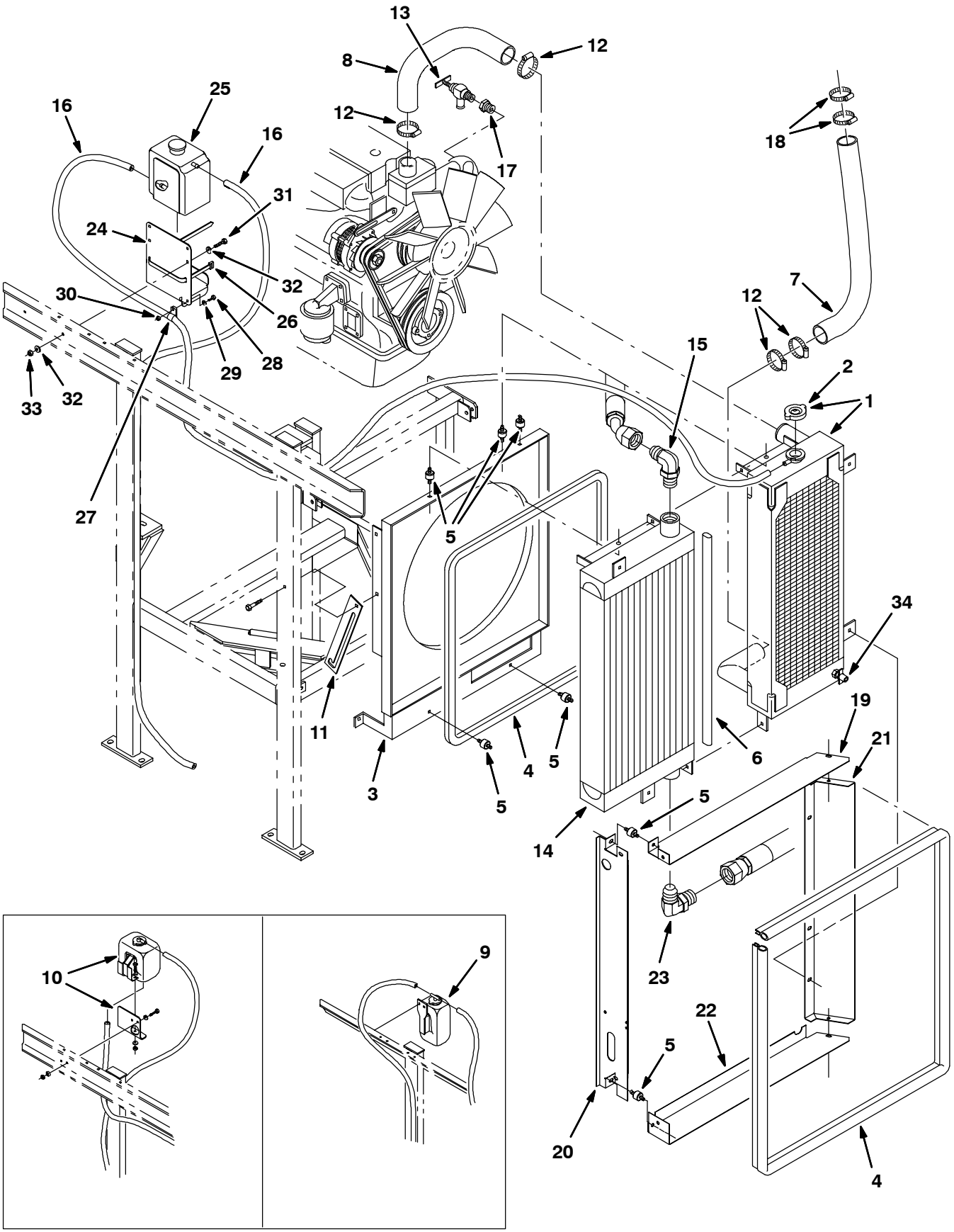

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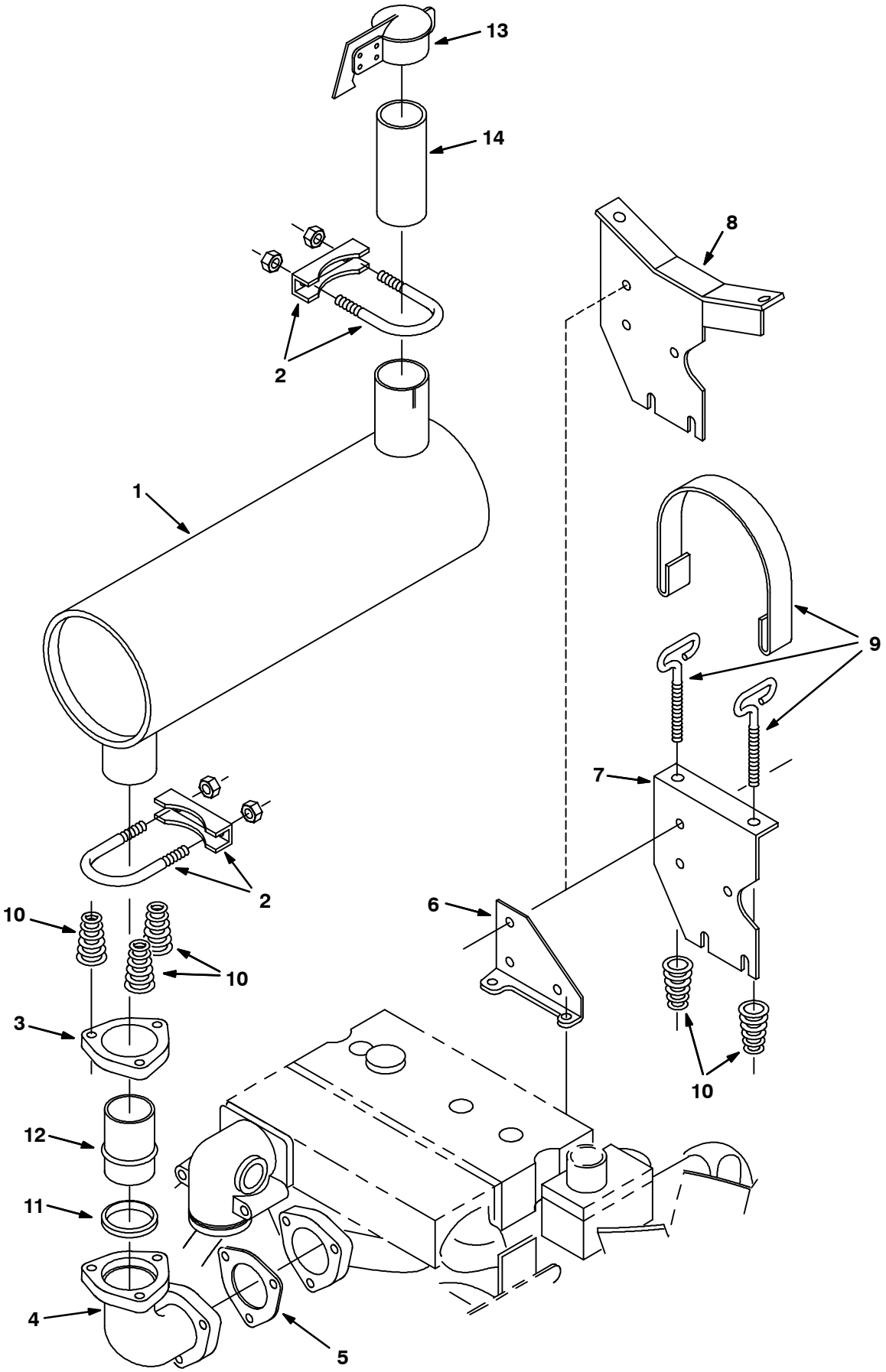
Fig. 14 - Radiator And Hydraulic Cooler Group

	Ref.	TENNANT Part No.	Machine Serial Number	Description	Qty.
▽	1	764010	(000000-)	Radiator (362mm)	1
▲	2	764047	(000000- 005023)	Cap,Radiator 2 in id	1
	3	764024	(000000-)	Support,Radiator&Fan Shroud	1
	4	760565	(000000-)	Seal,Bulb	2
	5	82661	(000000-)	Isolator-Vibration .25-20	7
	6	764041	(000000-)	Seal,Foam Rad/Coolr.25X.75X28	1
	7	764119	(000000-)	Hose,Rad.Lower, 2x2x24	1
	8	764290	(000000-)	Hose,Radiator Upper	1
	9	768870	(000000-003942)	Replacement Kit, Tank Recovery Coolant	1
	10	768870	(003942-004395)	Replacement Kit, Tank Recovery Coolant	1
	11	764069	(000000-)	Strap	1
	12	22297	(000000-)	Clamp-Wormdrive, 1.56- 2.50D L	4
	13	764183	(000000-)	Valve, Water Shut-off, Manual	1
	14	766412	(000000-)	Cooler, Hydraulic Oil (318mm)	1
	15	762484	(000000-)	Ftg-Hyd, E90	2
	16	766417	(000000-)	Hose,Radiator Overflow 5/16Id	1
	17	47167	(000000-)	Ftg-Str Npt/Npt 06pf/08pm	1
	18	14432	(000000-)	Clamp- Worm, 1.81-275D	2
	19	766044	(000000-)	Shroud, Radiator, Upper	1
	20	766046	(000000-)	Shroud, Radiator, L.H.	1
	21	766042	(000000-)	Shroud, Radiator, R.H.	1
	22	766043	(000000-)	Shroud, Radiator, Lower	1
	23	762483	(000000-)	Ftg-Hyd, E90	1
	24	768896	(004396-)	Bracket, Coolant Overflow	1
	25	768897	(004396-)	Tank, Hyd, 2.5 Qt Vol	1
	26	32815	(004396-)	Tie, Cable, Nyl, 28.5l .50w 8.0 Max D	1
	27	69234	(004396-)	Clamp, Cable, Stl, 1.00d X 0.62w, 1h	1
	28	06944	(004396-)	Screw, Hex, M06 X 1.0 X 25, 8.8	1
	29	32483	(004396-)	Washer, Flt, .25 Sae	1
	30	08708	(004396-)	Nut, Hex, Lock, M06 X 1.0, Nl	1
	31	76570	(004396-)	Screw Hex M08	4
	32	32491	(004396-)	Washer Flt .31	4
	33	08709	(004396-)	Nut, Hex Lock M08	4
	34	51305	(000000-)	Fitting, Draincock, .25npt 90	1
▲	2	1032822	(005024-)	Cap, Radiator 1.5 in id 1	

Fig. 15 - Muffler Group

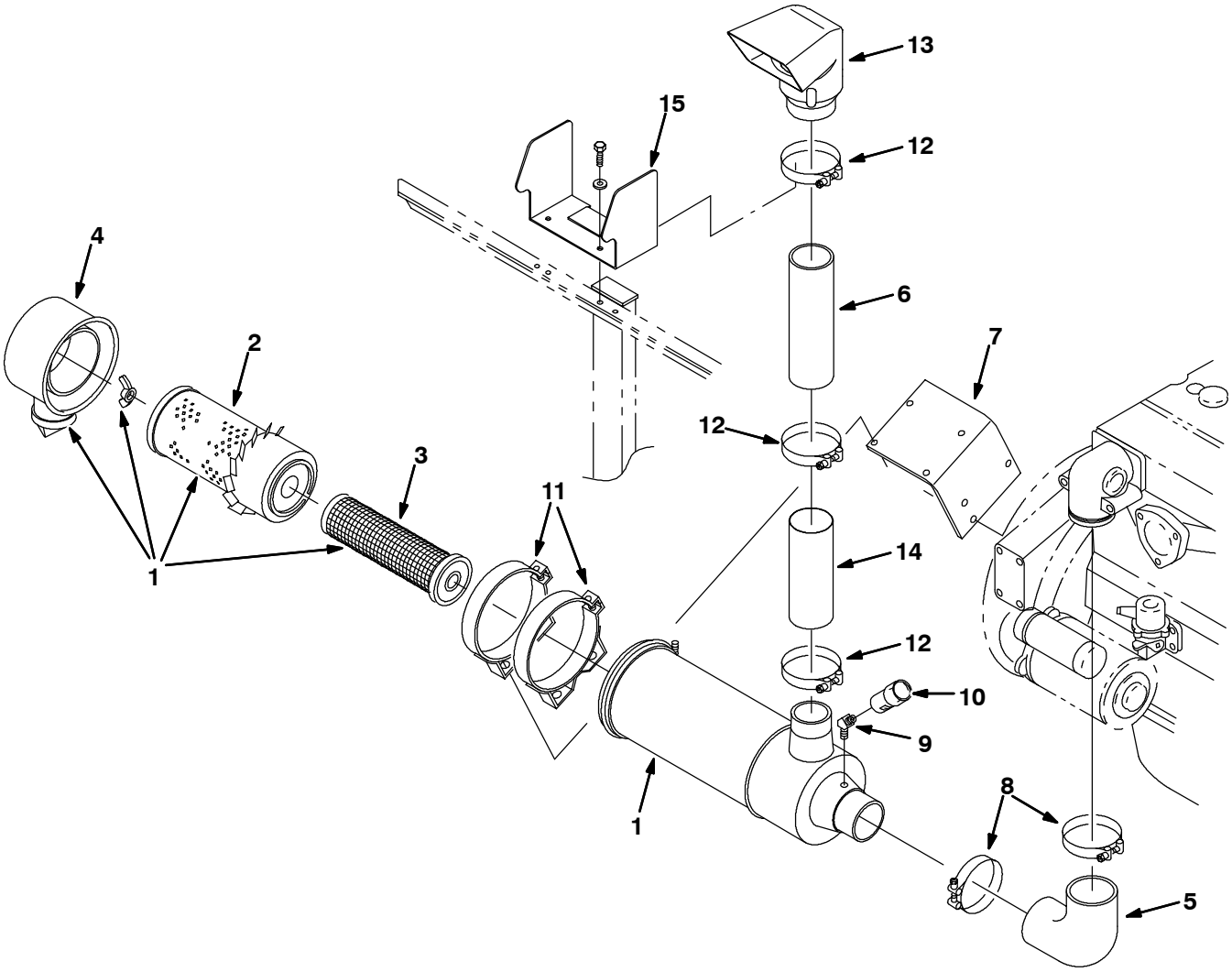


08716

Fig. 15 - Muffler Group

Ref.	TENNANT Part No.	Machine Serial Number		Description	Qty.
1	764077	(000000–	)	Muffler	1
2	764082	(000000–	)	Clamp, 2.5 Muffler	2
3	761824	(000000–	)	Flange, Exhaust	1
4	761825	(000000–	)	Elbow, Exhaust	1
5	764122	(000000–	)	Gasket, Exhaust	1
6	764097	(000000–	)	Bracket, Muffler, .25	1
7	764099	(000000–	)	Bracket, Muffler, .375, (Std Engine)	1
8	764105	(000000–	)	Bracket, Muffler, .375, (Turbo Engine)	1
9	764085	(000000–	)	Clamp,Muf 6-8 In	1
10	764098	(000000–	)	Spring,Exhaust	5
11	761826	(000000–	)	Ring, Seal	1
12	764106	(000000–	)	Adapter, Exhaust Tube	1
13	764120	(000000–	)	Rain Cap, Exhaust	1
14	764123	(000000–	)	Tube, 2.5x6L	1

Fig. 16 - Air Cleaner Group (Standard Engine)

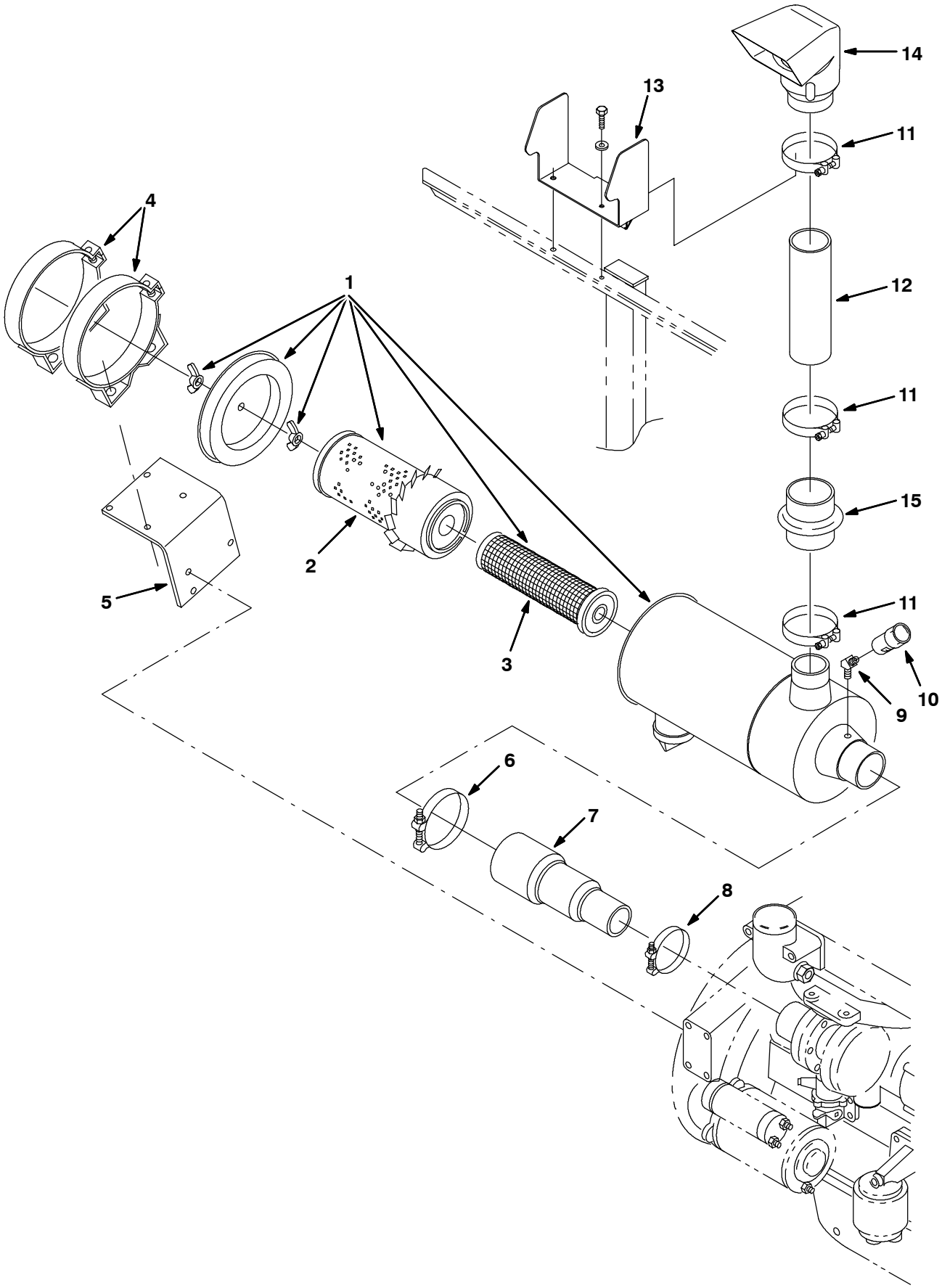


351877

Fig. 16 - Air Cleaner Group (Standard Engine)

	Ref.	TENNANT Part No.	Machine Serial Number		Description	Qty.
▽	1	764027	(000000–	)	Air Cleaner	1
▲	2	764131	(000000–	)	Filter Element,Air Donaldson	1
▲	3	60933	(000000–	)	Element, Filter Safety	1
▲	4	761830	(000000–	)	Aspirator,Air Cleaner	1
	5	75689	(000000–	)	Hose, Rubber, Elbow, 3.0 (Std Engine)	1
	6	766414	(000000–	)	Tube	1
	7	764081	(000000–	)	Bracket,Air Cleaner Support (Std Engine)	1
	8	764026	(000000–	)	Clamp, 3” Hose	2
	9	24976	(000000–	)	Ftg–Brs E45 Pm02/Pf02	1
	10	768567	(000000–	)	Switch, Vacuum Indicator	1
	11	76321	(000000–	)	Band,Mtg.	2
	12	17188	(000000–	)	Clamp, Wormdrive, 1.62–3.5OD	3
	13	766405	(000000–	)	Intake, Air, 90	1
	14	764291	(000000–	)	Tube, Air Intake 3”	1
	15	766420	(000000–	)	Bracket, Air Intake	1

Fig. 17 - Air Cleaner Group (Waste Gated Turbo Engine)

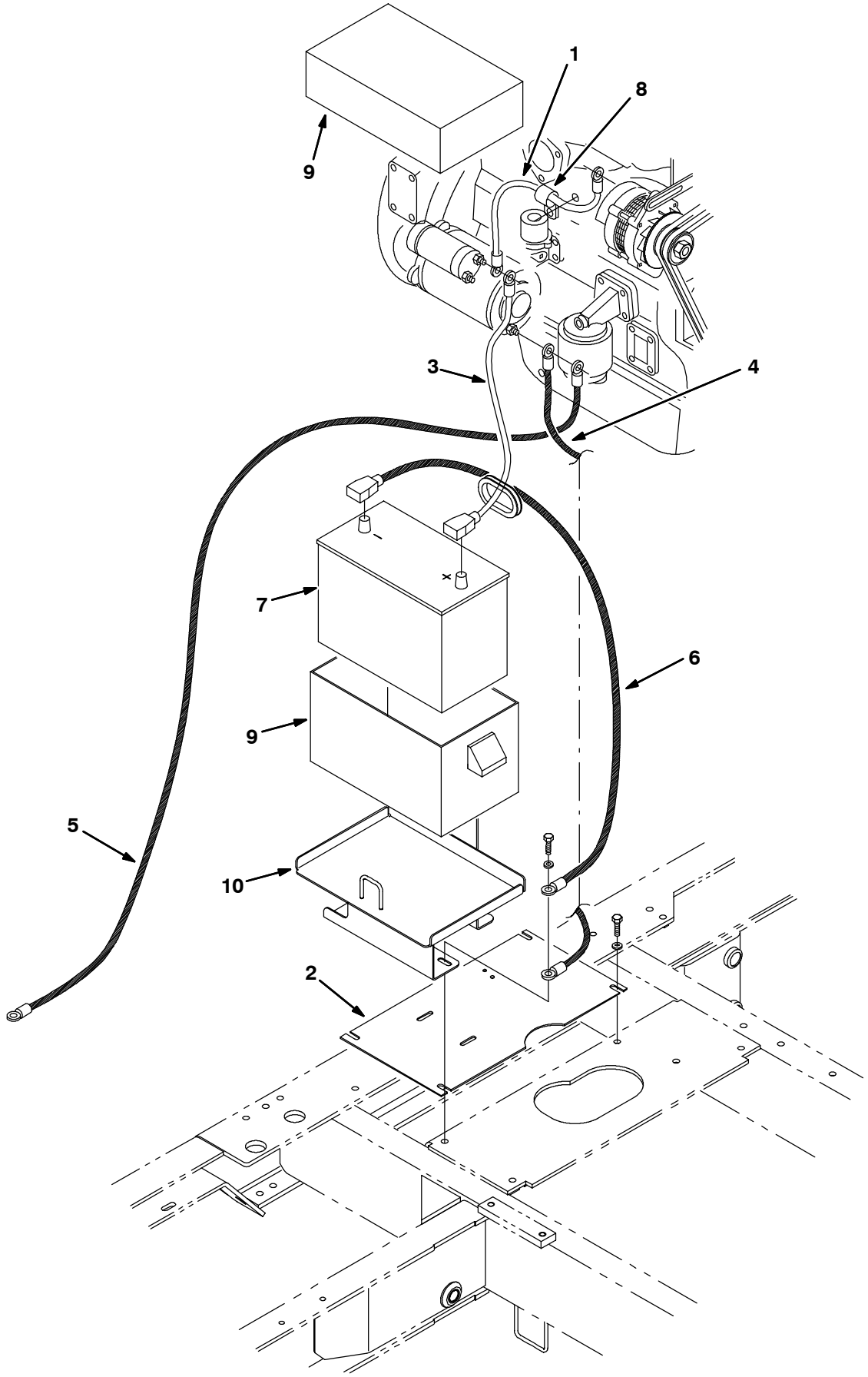


351879

Fig. 17 - Air Cleaner Group (Waste Gated Turbo Engine)

	Ref.	TENNANT Part No.	Machine Serial Number		Description	Qty.
▽	1	764168	(000000-	)	Air Cleaner, 8 inch	1
▲	2	764190	(000000-	)	Element, 8 inch Air Cleaner	1
▲	3	764191	(000000-	)	Element, Safety	1
	4	764182	(000000-	)	Clamp, 8 inch Air Cleaner	2
	5	764028	(000000-	)	Bracket Weldt, Air Cleaner	1
	6	17188	(000000-	)	Clamp-Wormdrive, 1.62-3.5OD	1
	7	764293	(000000-	)	Hose, Rubber	1
	8	14432	(000000-	)	Clamp-Wormdrive, 1.81-2.75D	1
	9	24976	(000000-	)	Ftg-Brs E45 Pm02/Pf02	1
	10	768568	(000000-	)	Switch, Vacuum Indicator	1
	11	766006	(000000-	)	Clamp	3
	12	766416	(000000-	)	Tube	1
	13	766421	(000000-	)	Bracket	1
	14	766406	(000000-	)	Elbow, Intake, Air	1
	15	764292	(000000-	)	Hose, Taper, Air Cleaner	1

Fig. 18 - Battery and Cables Group

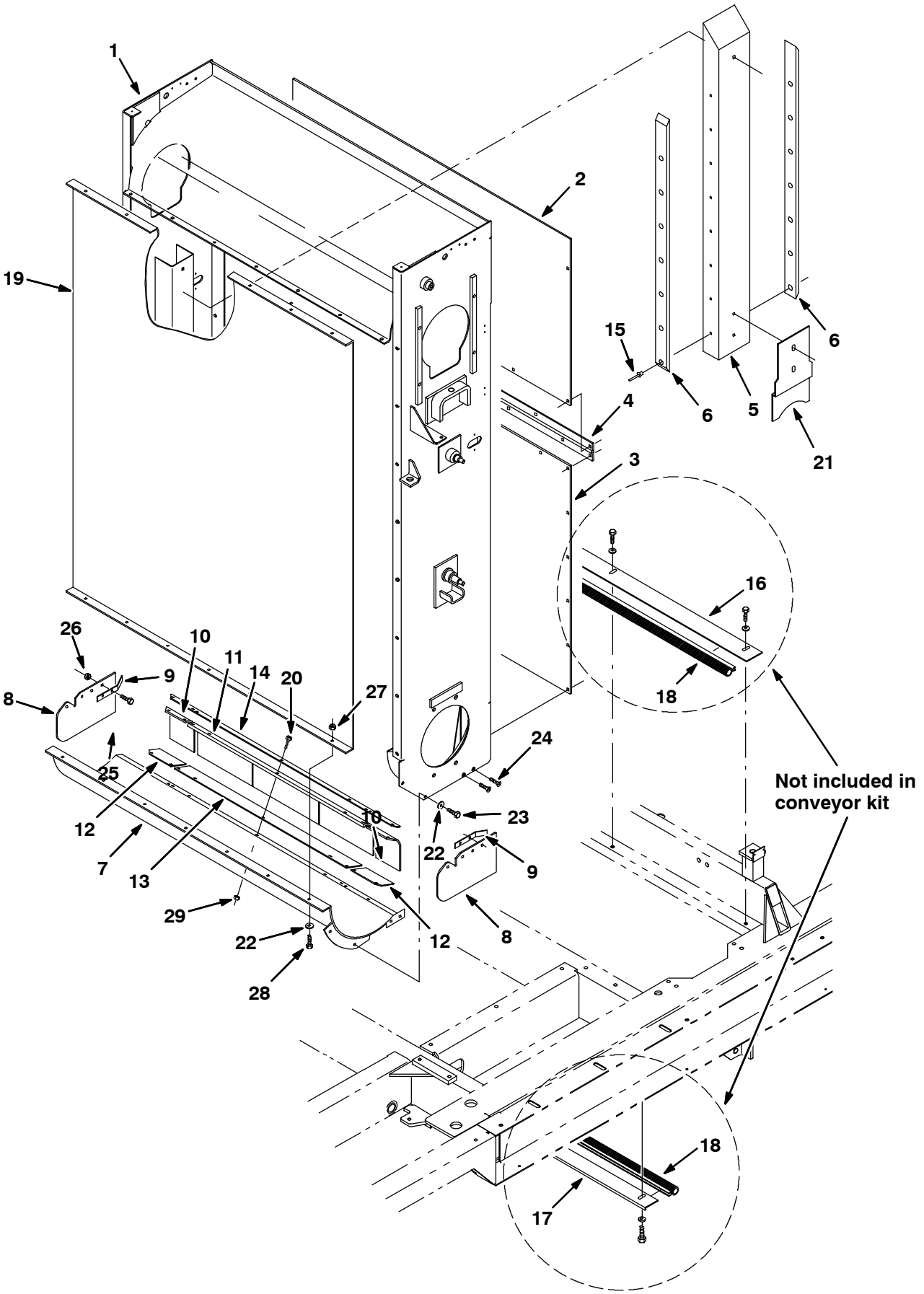


351881

Fig. 18 - Battery and Cables Group

Ref.	TENNANT Part No.	Machine Serial Number		Description	Qty.
1	762558	(000000-	)	Wire Assy, 20.0 Lg, 6 Ga, Red	1
2	766010	(000000-	)	Plate, Floor	1
3	762554	(000000-	)	Wire Assy, 48.0 Lg, 2 Ga, Pos	1
4	762556	(000000-	)	Wire Assy, 48.0 Lg, 2 Ga, Blk	1
5	762557	(000000-	)	Wire Assy, 36.0 Lg, 4 Ga, Blk	1
6	762555	(000000-	)	Wire Assy, 22.0 Lg, 2 Ga, Neg	1
7	10136	(000000-	)	Battery, 12V, Cc Amps:730 Wet	1
7	310580	(000000-	)	Battery, 12V, Cc Amps:1000 Wet	1
8	69234	(000000-	)	Clamp-Cable, 1.00Dia. .62Wth	1
9	766015	(000000-	)	Battery Box, Poly	1
10	766014	(000000-	)	Support Wldt	1

Fig. 19 - Conveyor And Skirts Group



351883

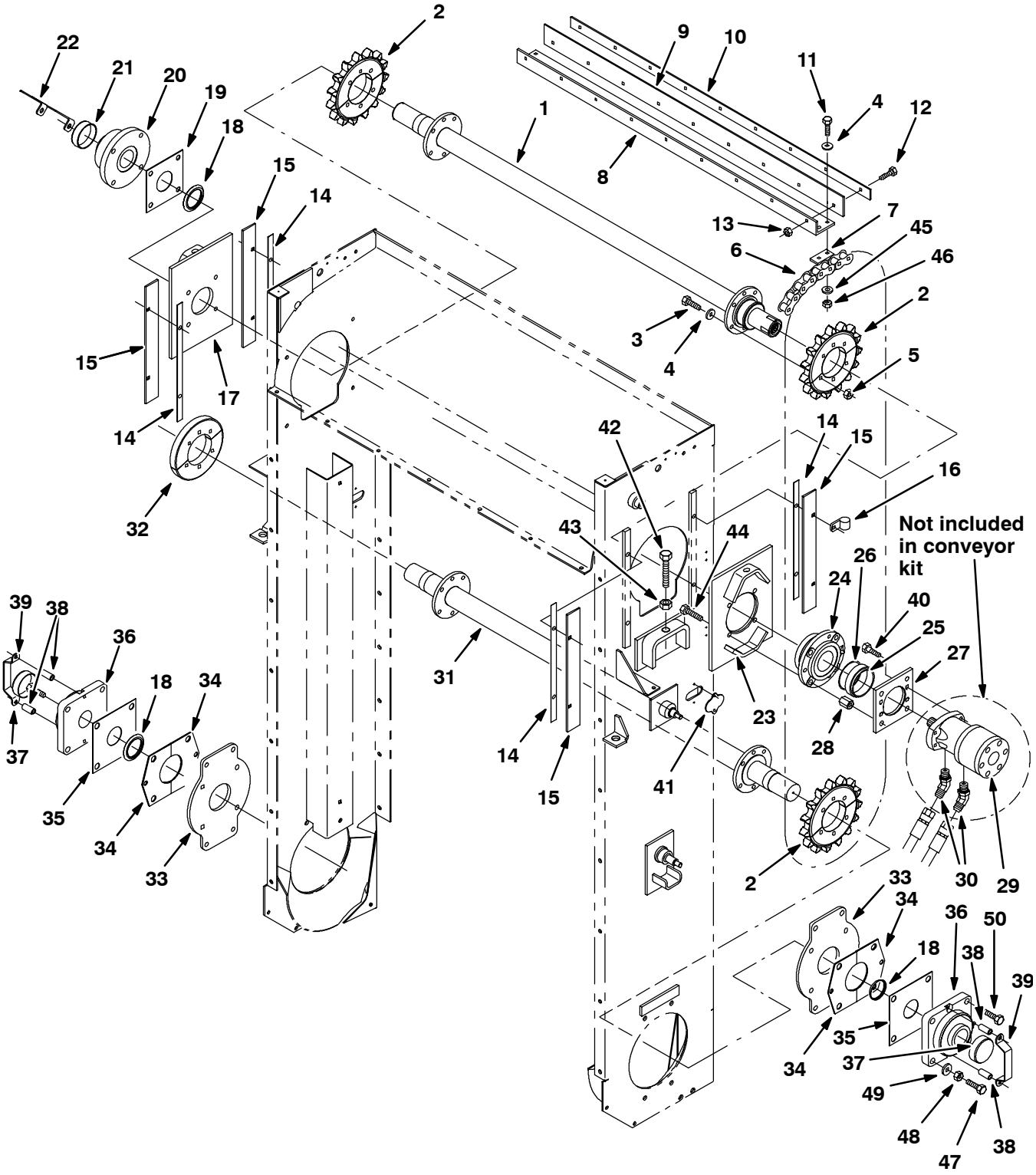
Fig. 19 - Conveyor And Skirts Group

NOTE: The Conveyor Assembly, Tennant Part Number 765908, includes Fig. 19 and Fig. 20.

Ref.	TENNANT Part No.	Machine Serial Number	Description	Qty.
1	761296	(000000-)	Conveyor Wldt, Bolt On Back	1
2	761804	(000000-)	Panel,Rear Upper W/Label	1
3	765827	(000000-)	Panel Wldt, Rear Lower	1
4	760851	(000000-)	Hinge, Conveyor	1
5	760906	(000000-)	Channel,Support Cover 1.654	2
6	765845	(000000-)	Guide,Chain	4
7	760798	(000000-)	Trough, Weldment Conveyor	1
8	760837	(000000-)	Skirt, Side Deflector	2
9	760838	(000000-)	Angle, Retainer Side Skirt	2
10	760882	(000000-)	Skirt, Conveyor Side	2
11	760897	(000000-)	Skirt, Conveyor, Lip	1
12	760883	(000000-)	Strip, Backup Uhmw	2
13	760884	(000000-)	Strip, Backup Main Uhmw	1
14	760896	(000000-)	Strip,Retainer Conveyer	1
15	763092	(000000-)	Rivet, Blind, .188d X 0.45 X .38d, Ss	32
16	761148	(000000-)	Strip, Seal Conveyor	1
17	761153	(000000-)	Strip, Seal, Conveyor, Lower	1
18	760785	(000000-)	Seal,Conveyor	2
19	760794	(000000-)	Plate, Weldment Back	1
20	09011	(000000-)	Scr Hexssm 8x1.25 30	9
21	760875	(000000-)	Guard, Debris 1.654	2
22	41186	(000000-)	Washer-Belleville .31	11
23	16931	(000000-)	Scr Hex M 8x1.25 20	4
24	32129	(000000-)	Scr Flt M 8x1.25 20	4
25	15678	(000000-)	Scr Hexssm 6x1.0	8
26	08712	(000000-)	Nut-Hxlocnyln M 6x1.0 Reg Ss	6
27	08709	(000000-)	Nut Hxlocnyln M 8x1.25	7
28	39277	(000000-)	Scr Hex M 8x1.25 25	7
29	08713	(000000-)	Nut-Hxlocnyln M 8x1.25 Reg Ss	9

Fig. 20 - Conveyor Drive Group

NOTE: The Conveyor Assembly, Tennant Part Number 765908, includes Fig. 19 and Fig. 20.



Ref.	TENNANT Part No.	Machine Serial Number	Description	Qty.
1	761279	(000000-)	Shaft Wldt, Upper	1
2	761283	(000000-)	Sprocket, 15 Tooth, 1.64 Pitch Dia.	3
3	16930	(000000-)	Screw, Hex, M10-1.5 X 50, 8.8	12
4	41187	(000000-)	Washer, Belleville, .38	20

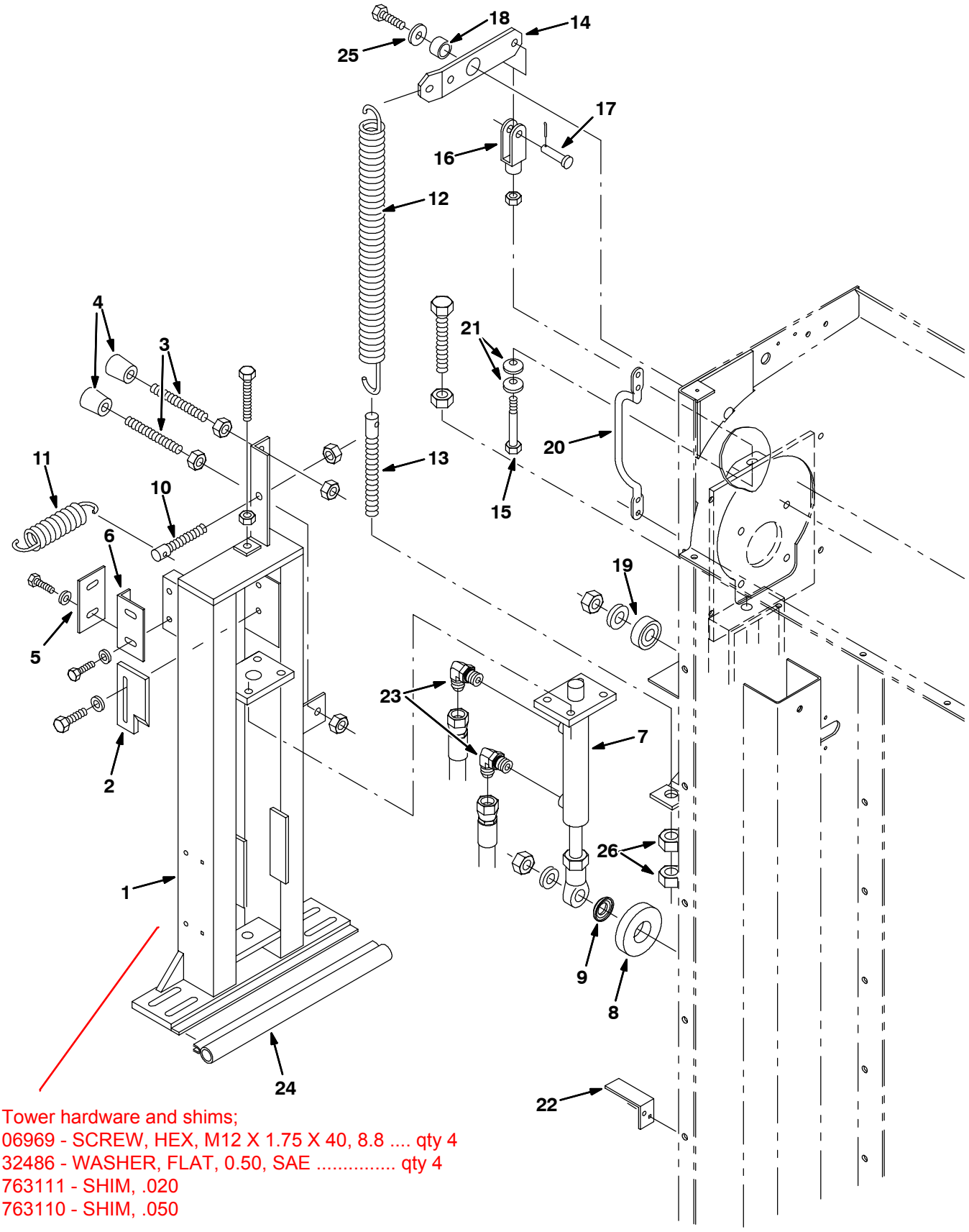
351885

Fig. 20 - Conveyor Drive Group

NOTE: The Conveyor Assembly, Tennant Part Number 765908, includes Fig. 19 and Fig. 20.

	Ref.	TENNANT Part No.	Machine Serial Number	Description	Qty.
	5	41430	(000000-)	Nut-Hxlocnyln	12
▽	6	760901	(000000-)	Chain, Grease, Seals	2
▲		760914	(000000-)	Pin, Kit Connecting 1.654 Chain	2
▲	7	760915	(000000-)	Attachment, Repair Kit 1.654	11
	8	760905	(000000-)	Angle	11
	9	760749	(000000-)	Strip, Rubber	11
	10	760891	(000000-)	Strip, Retainer Paddle	11
	11	02995	(000000-)	Screw, Hex, .38-16 X 1.25, Ss	44
	12	09011	(000000-)	Screw, Hex, M08-1.25 X 30, Ss	90
	13	08713	(000000-)	Nut, Hex, Lock, M08-1.25,Nl,Ss	90
	14	765813	(000000-)	Shim 18Ga, Bearing Mount	4
	15	765811	(000000-)	Strip, Sprocket Upper	4
	16	76736	(000000-)	Clamp, Cable	1
	17	760939	(000000-)	Plate Wldt, Slide Bearing	1
	18	760697	(000000-)	Seal, Shaft	3
	19	761254	(000000-)	Plate, Seal, Upper	1
▽	20	761289	(000000-)	Bearing, Flange, Roller	1
▲	21	765818	(000000-)	Cap, Grease	1
	22	765807	(000000-)	Strap, Upper	1
	23	760919	(000000-)	Plate Wldt, Upper Drive	1
	24	761108	(000000-)	Bearing, Flange	1
	25	761286	(000000-)	Retainer, Grease	1
	26	765816	(000000-)	O-Ring	1
	27	761252	(000000-)	Plate, Motor Mount	1
	28	761266	(000000-)	Spacer, Hex. .75x1.0 Long	4
▽	29	767180	(000000-)	Motor, Hyd	1
▲		762116	(000000-)	Kit, Seal	1
	30	762465	(000000-)	Fitting-Hyd, E45	2
	31	761280	(000000-)	Shaft Wldt, Lower	1
	32	761284	(000000-)	Idler, No Teeth, Split	1
	33	761257	(000000-)	Plate, Conveyor Lower Rh & Lh	2
	34	761265	(000000-)	Shim, Lower Shaft	8
	35	761253	(000000-)	Plate, Seal, Lower	2
▽	36	761111	(000000-)	Bearing, Flange	2
▲	37	765817	(000000-)	Cap, Grease	2
	38	765806	(000000-)	Spacer, Strap	4
	39	765805	(000000-)	Strap, Lower	2
	40	09029	(000000-)	Screw, Hex SSM 12x1.75	4
	41	760721	(000000-)	Plate	2
	42	763083	(000000-)	Screw, Hex M20x2.5x1.20	2
	43	763067	(000000-)	Nut, Hex Jam M20x2.5	2
	44	763146	(000000-)	Screw, Hex	4
	45	32492	(000000-)	Washer, Flat, 0.38 Std	11
	46	59156	(000000-)	Nut, Hex, Lock, .38-16, Nl, Ss	11
	47	763100	(000000-)	Screw, Hex, M12 X 1.75 X 60	1
	48	39313	(000000-)	Nut, Hex, Std, M12 X 1.75	1
	49	763043	(000000-)	Washer, Belleville, M12	1
	50	06970	(000000-)	Screw, Hex, M12 X 1.75 X 45, 8.8	3

Fig. 21 - Right Conveyor Lift Group



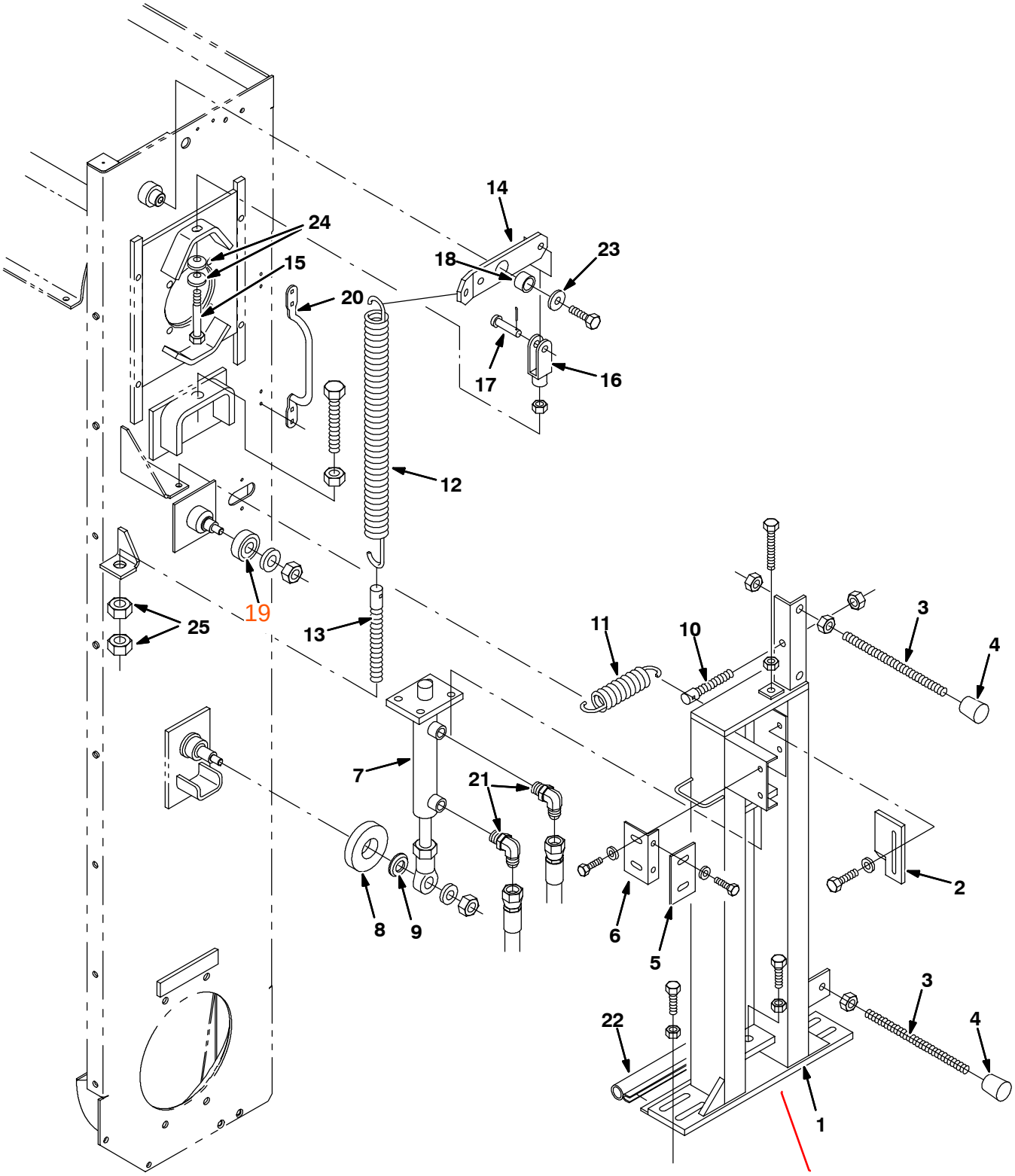
Tower hardware and shims;
06969 - SCREW, HEX, M12 X 1.75 X 40, 8.8 .... qty 4
32486 - WASHER, FLAT, 0.50, SAE ..... qty 4
763111 - SHIM, .020
763110 - SHIM, .050

351887

Fig. 21 - Right Conveyor Lift Group

Ref.	TENNANT Part No.	Machine Number Serial	Description	Qty.
1	765815	(000000-)	Tower Wldt, Conveyor, Rh	1
760753 2	~~760754~~	(000000-)	Plate, Cam, Rh	1
3	760757	(000000-)	Stud, M12 X 90	2
4	763061	(000000-)	Bumper, Engine Door	2
5	761049	(000000-)	Plate, Engine Door Latch	1
6	761051	(000000-)	Door Stop	1
1035838 ▽ 7	~~398293~~	(000000-)	Cylinder, Hyd Conveyor Lift	1
1040346 ▲	~~762066~~	(000000-)	Seal Kit	1
8	760756	(000000-)	Roller, Guide	1
9	760755	(000000-)	Washer, Cyl Head	1
10	761225	(000000-)	Eyebolt, .50-13X3.5”	1
11	760778	(000000-)	Spring, Extension 1.18X.25X4.8	1
12	760834	(000000-)	Spring, Ext Conveyor Tension	1
13	760833	(000000-)	Eye Bolt, M20 X 190	1
14	760839	(000000-)	Pivot Weldt, Tensioner	1
15	06975	(000000-)	Bolt, M12x90	1
16	763384	(000000-)	Yoke, M12	2
17	763383	(000000-)	Pin, Clevis Tensioner Conveyr	2
18	763380	(000000-)	Bushing	1
19	760740	(000000-)	Bearing, Cam Roller 52x14x20	1
20	32822	(000000-)	Handle, Grab	1
21	765810	(000000-)	Washer, Spherical	2
22	760779	(000000-)	Angle, Switch	1
23	762425	(000000-)	Ftg-Hyd, E90	2
24	760786	(000000-)	Seal,Conveyor Tower	1
25	32493	(000000-)	Washer Hard Flat .50	1
26	07783	(000000-)	Nut, Hex, Std, M20 X 2.5	2

Fig. 22 - Left Conveyor Lift Group



Tower hardware and shims;
06969 - SCREW, HEX, M12 X 1.75 X 40, 8.8 .... qty 4
32486 - WASHER, FLAT, 0.50, SAE ..... qty 4
763111 - SHIM, .020
763110 - SHIM, .050

351889

Fig. 22 - Left Conveyor Lift Group

	Ref.	TENNANT Part No.	Machine Serial Number	Description	Qty.
	1	765814	(000000-)	Tower Wldt, Conveyor, Lh	1
760754	2	~~760753~~	(000000-)	Plate, Cam, Lh	1
	3	760828	(000000-)	Stud, M12 X 200	2
	4	763061	(000000-)	Bumper, Engine Door	2
	5	761049	(000000-)	Plate, Engine Door Latch	1
	6	761051	(000000-)	Door Stop	1
1035838 ▽	7	~~398293~~	(000000-)	Cylinder, Hyd Conveyor Lift	1
1040346 ▲		~~762066~~	(000000-)	Seal Kit	1
	8	760756	(000000-)	Roller, Guide	1
	9	760755	(000000-)	Washer, Cyl Head	1
	10	761225	(000000-)	Eyebolt, .50-13X3.5”	1
	11	760778	(000000-)	Spring, Extension 1.18X.25X4.8	1
	12	760834	(000000-)	Spring, Ext Conveyor Tension	1
	13	760833	(000000-)	Eye Bolt, M20 X 190	1
	14	760839	(000000-)	Pivot Weldt, Tensioner	1
	15	06975	(000000-)	Bolt, M12x90	1
	16	763384	(000000-)	Yoke, M12	2
	17	763383	(000000-)	Pin, Clevis Tensioner Conveyr	2
	18	763380	(000000-)	Bushing	1
	19	760740	(000000-)	Bearing Cam, Roller 52x14x20	1
	20	32822	(000000-)	Handle, Grab	1
	21	762425	(000000-)	Ftg-Hyd, E90	2
	22	760786	(000000-)	Seal,Conveyor Tower	1
	23	32493	(000000-)	Washer Hard Flat .50	1
	24	765810	(000000-)	Washer, Shperical	1
	25	07783	(000000-)	Nut, Hex, Std, M20 X 2.5	2

Fig. 23 - Hopper Group

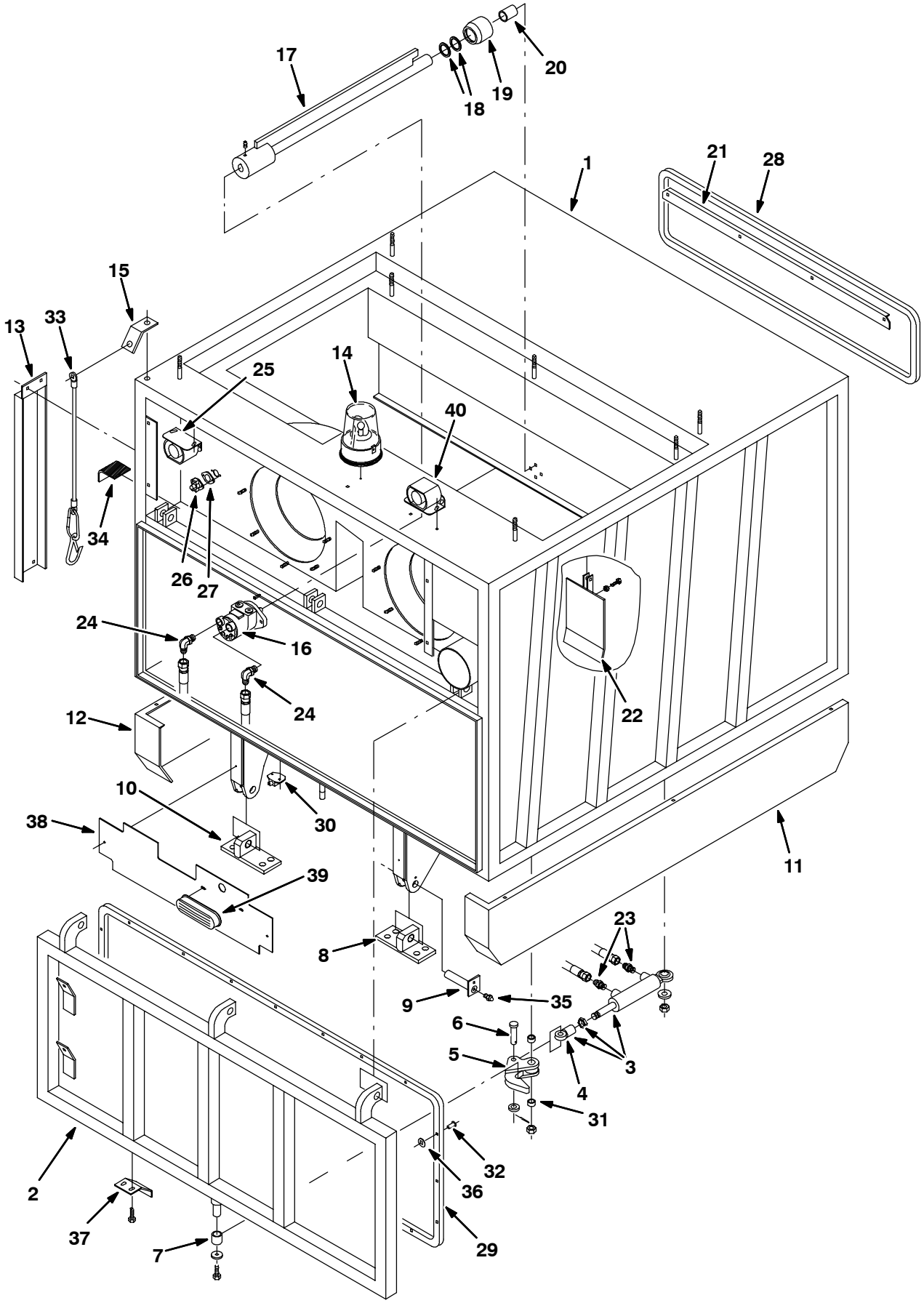


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Fig. 23 - Hopper Group

	Ref.	TENNANT Part No.	Machine Serial Number	Description	Qty.
▽		760500	(000000-)	Hopper Assembly	1
▲	1	760100	(000000-)	Hopper Wldt	1
▲	2	761545	(000000-)	Door, Hopper, Rear	1
▽	3	762011	(000000-)	Cylinder, Hyd Hopper Door	1
▲		770028	(000000-)	Kit, Seal, Cyl, Hyd	1
▲	4	762064	(000000-)	Rod End,16Mm	1
	5	760598	(000000-)	Hook, Door Release	1
	6	760586	(000000-)	Pin, Hydraulic Cylinder	1
	7	760577	(000000-)	Bushing	1
	8	765614	(000000-)	Pivot Wldt, Hopper Right	1
	9	760682	(000000-)	Pin, Hyd Cyl	2
	10	765612	(000000-)	Pivot Wldt, Hopper Left	1
	11	768621	(000000-)	Panel,Right Side W/Label	1
	12	768622	(000000-)	Panel,Left Side W/Label	1
	13	760503	(000000-)	Cover, Hyd Hoses	1
▽	14	768598	(000000-)	Light Assy Revl Amber 12V	1
▲		367946	(000000-)	Lens, Rev. Light Amber	1
▲		768605	(000000-)	Lamp, Halogen H1 12V 55W	1
	15	760647	(000000-)	Bracket,Cable Mount	1
	16	762035	(000000-)	Motor, Hyd Shaker W/End Ports (See Breakdowns)	1
	17	760548	(000000-)	Beater Bar, Filter Bag	1
	18	763244	(000000-)	Seal, Shaft	2
	19	760543	(000000-)	Bushing, Rear Support	1
	20	763278	(000000-)	Bearing, Sleeve	1
	21	760523	(000000-)	Clamp, Gasket, Front	2
	22	760504	(000000-)	Shutter, Vacuum	1
	23	762426	(000000-)	Ftg-Hyd, Str	2
	24	762437	(000000-)	Ftg-Hyd, E90	1
	25	61923	(000000-)	Alarm, Backup, Smart	1
	26	367679	(000000-)	Thermostat Assembly,~~155 Deg~~ 160 deg	1
	27	82733	(000000-)	Gasket, Fire Switch	1
	28	760522	(000000-)	Gasket,Hopper Opening	1
	29	760565	(000000-)	Gasket,Rear Hopper Door	1
	30	762591	(000000-)	Switch, Micro	1
	31	763284	(000000-)	Bushing	2
	32	763075	(000000-)	Rivet, Pop .156Dx.710x.312Dhd	18
	33	760663	(000000-)	Cable, Hopper Door Hook	1
	34	761417	(000000-)	Bar Flat, Rubber Hopper	1
	35	47801	(000000-)	Ftg, Grease	2
	36	19065	(000000-)	Washer Flt 08	18
	37	761542	(000000-)	Angle, Switch	1
	38	767045	(000000-)	Plate	1
	39	768613	(000000-)	Lamp, W/Conector	1
	40	761515	(000000-)	Hopper up Alarm	1

Fig. 24 - Hopper Filter Bags Group

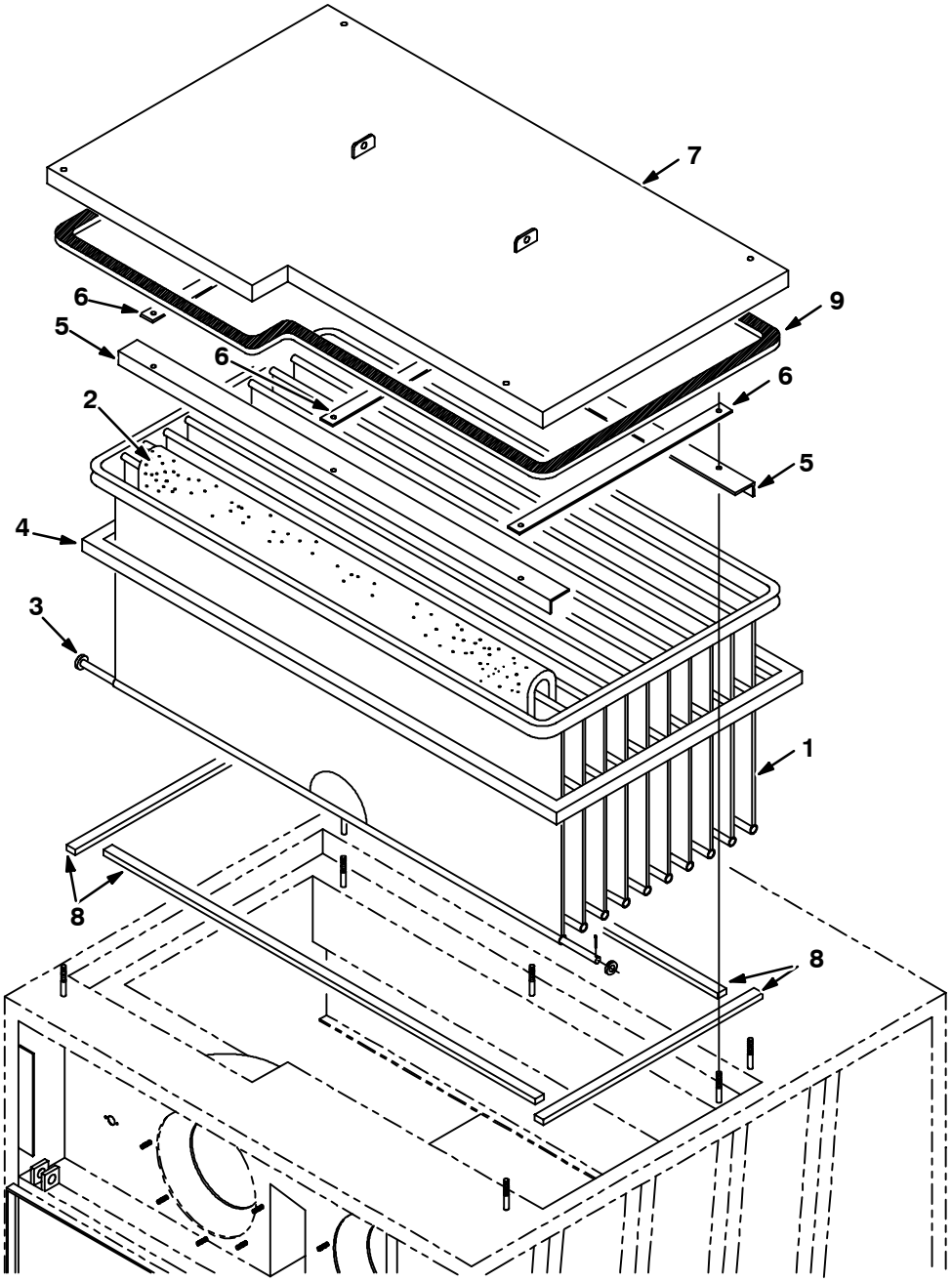

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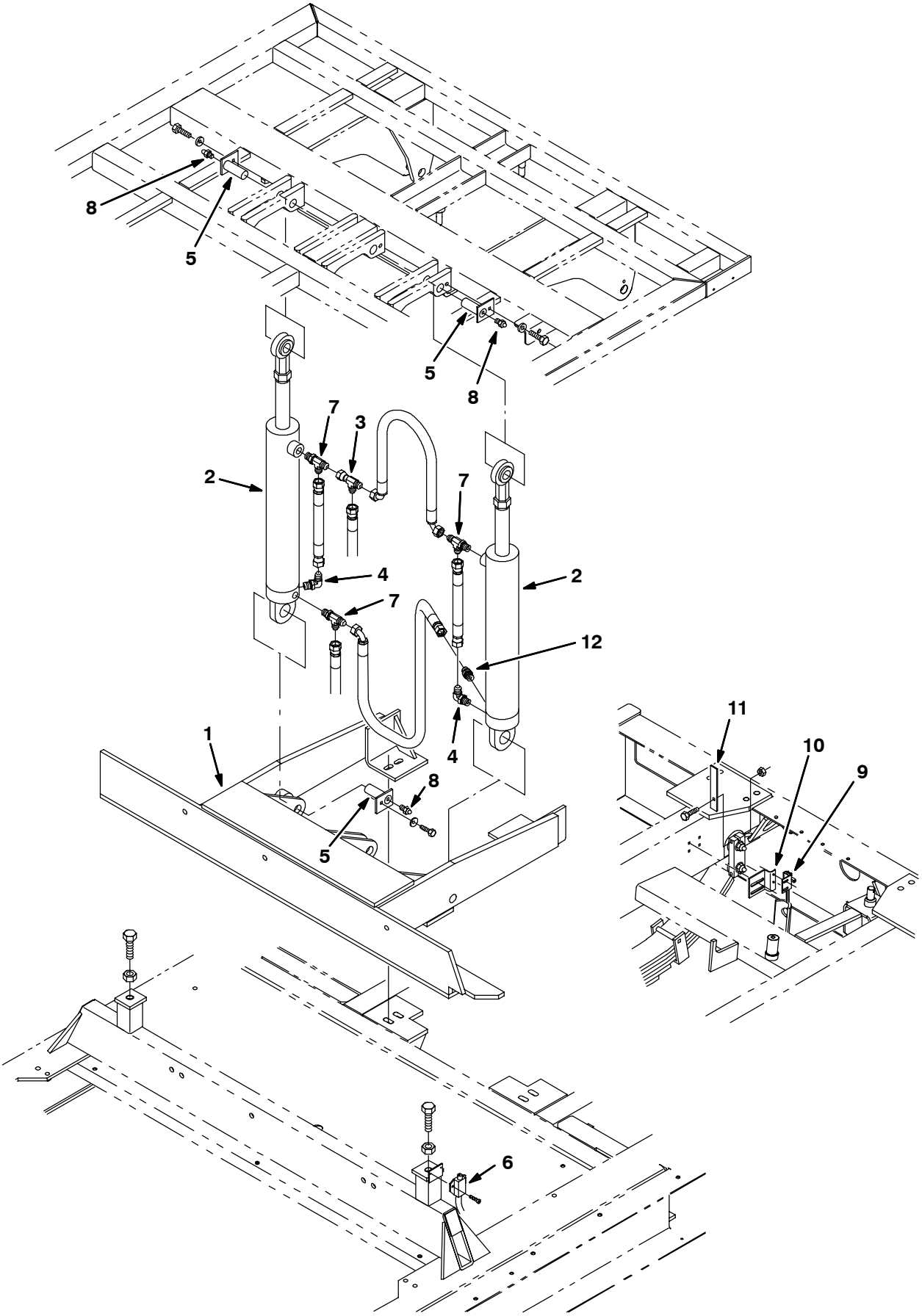
Fig. 24 - Hopper Filter Bags Group

	Ref.	TENNANT Part No.	Machine Serial Number	Description	Qty.
▽		761505	(000000–)	Filter Bag Assy, Hopper	1
▲	1	760537	(000000–)	Filter Bag	1
▲	2	760536	(000000–)	Separator, Filter Bag	10
▲	3	760545	(000000–)	Rod Wldt, Filter Bag	20
▲	4	760535	(000000–)	Rack, Filter Bag	1
	5	760529	(000000–)	Bracket, Filter Bag	2
	6	760550	(000000–)	Bar, Stop, Filter Bag	3
	7	760538	(000000–)	Cover, Filter Bag	1
	8	760532	(000000–)	Gasket,Filter Frame	1
	9	760540	(000000–)	Gasket,Filter Bag Cover	1

Fig. 25 - Hopper Tilt Cylinders Group

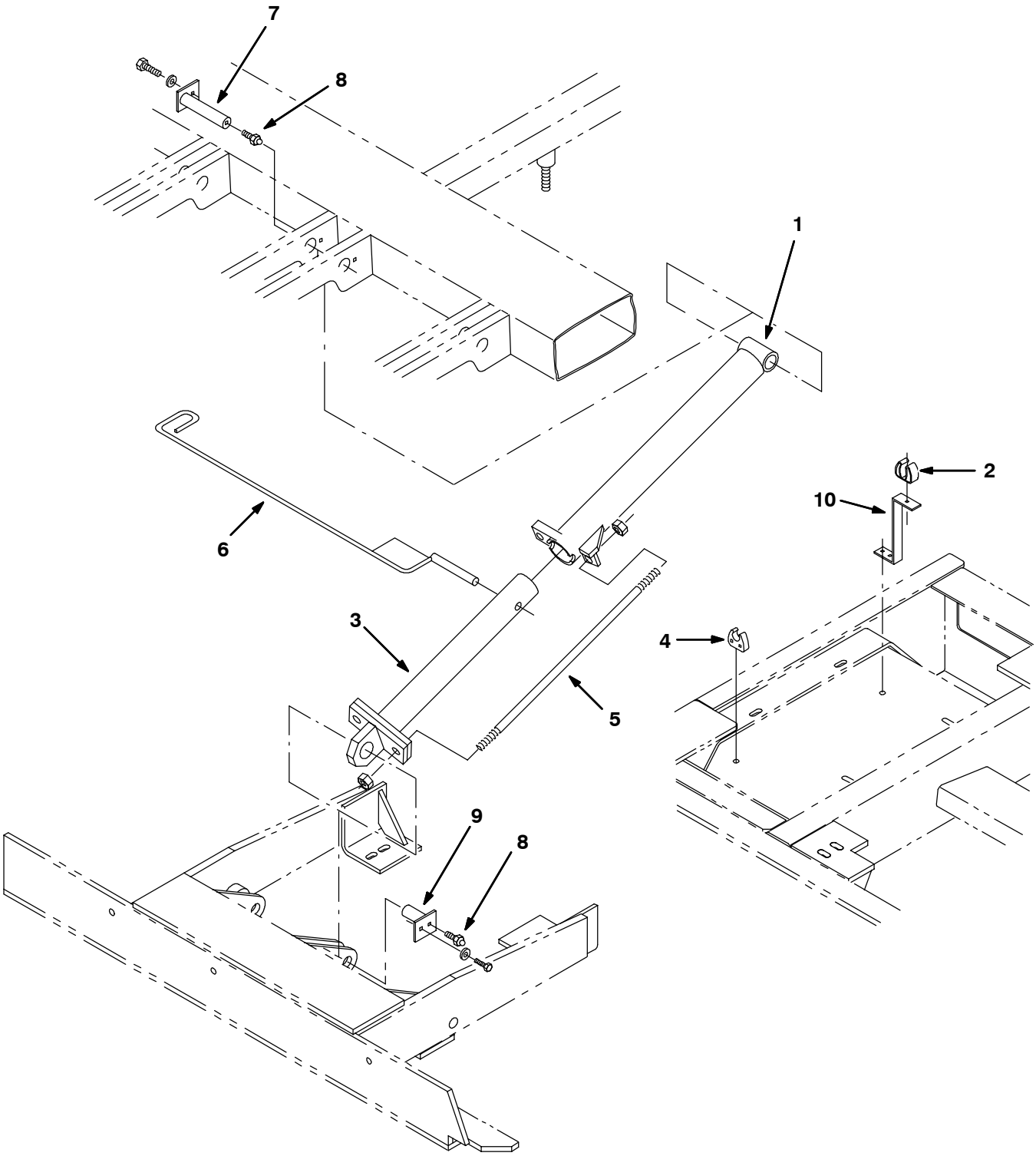


351893

Fig. 25 - Hopper Tilt Cylinders Group

	Ref.	TENNANT Part No.	Machine Serial Number	Description	Qty.
	1	765450	(000000-)	Base, Llft, Lower	1
▽	2	398294	(000000-)	Cylinder, Hyd Hopper Tilt	2
▲		762195	(000000-)	Seal Kit	1
	3	762435	(000000-)	Ftg-Hyd, Tee	1
	4	762432	(000000-)	Ftg-Hyd, Elbow	2
	5	760682	(000000-)	Pin Weldment, Safety Leg Lower	4
	6	762591	(000000-)	Switch, Micro	1
	7	762434	(000000-)	Ftg-Hyd, Tee	3
	8	47801	(000000-)	Ftg, Grease	4
	9	59965	(000000-)	Switch Assy, Roller-No	1
	10	770025	(000000-)	Bracket, Switch	1
	11	760447	(000000-)	Spring, Overload Switch	1
	12	762443	(000000-)	Fitting, Hyd	1

Fig. 26 - Hopper Support Cylinder Group

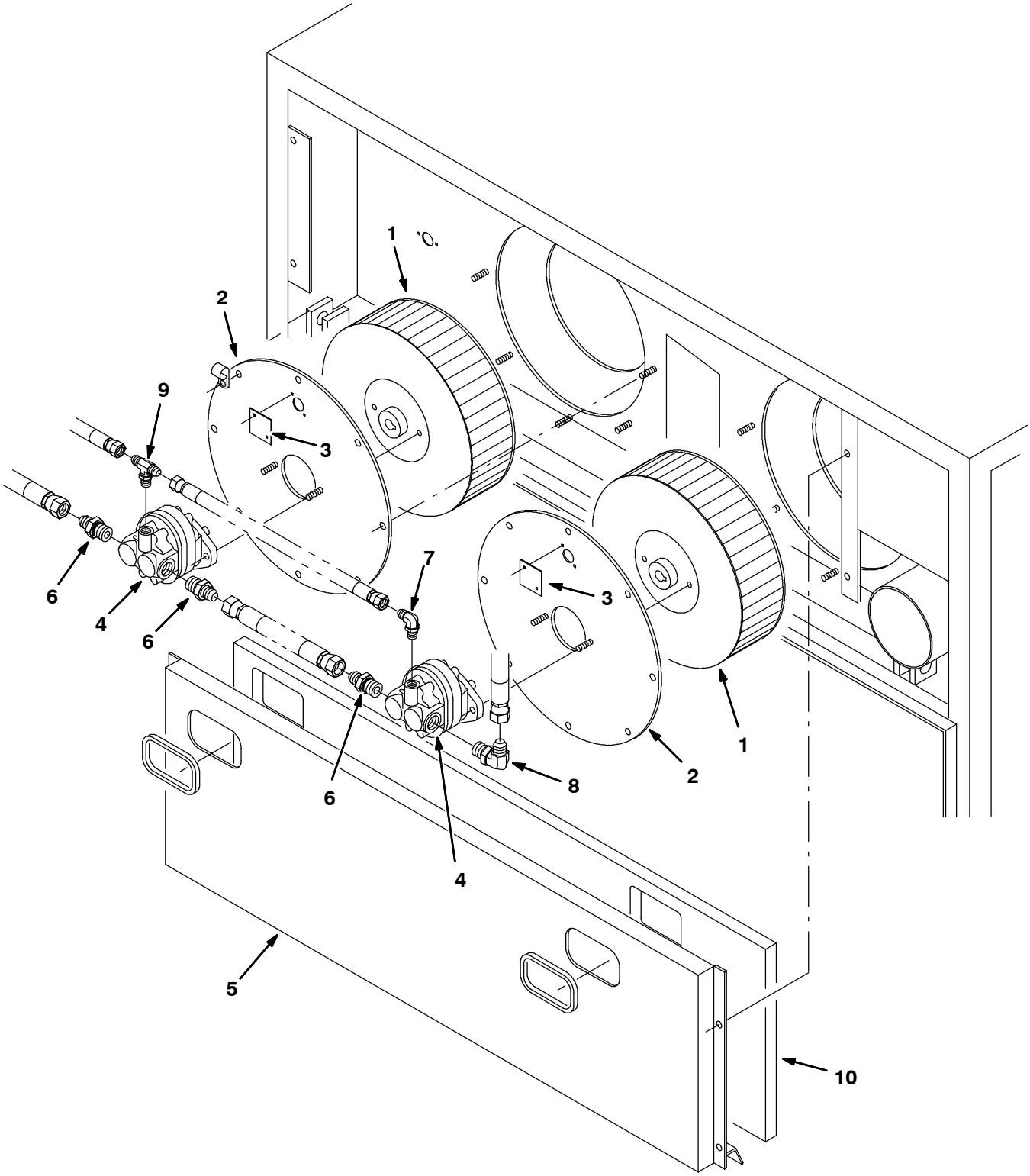


351895

Fig. 26 - Hopper Support Cylinder Group

Ref.	TENNANT Part No.	Machine Serial Number	Description	Qty.
1	760673	(000000-)	Hopper Support, Upper W/Label	1
2	761524	(000000-)	Clip, Finger Clip, Metal	1
3	760691	(000000-)	Hopper Support, Lower	1
4	760660	(000000-)	Clip, Finger Clip	1
5	760554	(000000-)	Tie Rod, Hopper Support	2
6	760824	(000000-)	Pin W/Label	1
7	760695	(000000-)	Pin Weldment,Safety Leg Upper	1
8	47801	(000000-)	Ftg, Grease.25-28th Strt .63L	2
9	760679	(000000-)	Pin Weldment,Safety Leg Lower	1
10	760668	(000000-)	Bracket, Extended Pin	1

Fig. 27 - Vacuum Fan Group

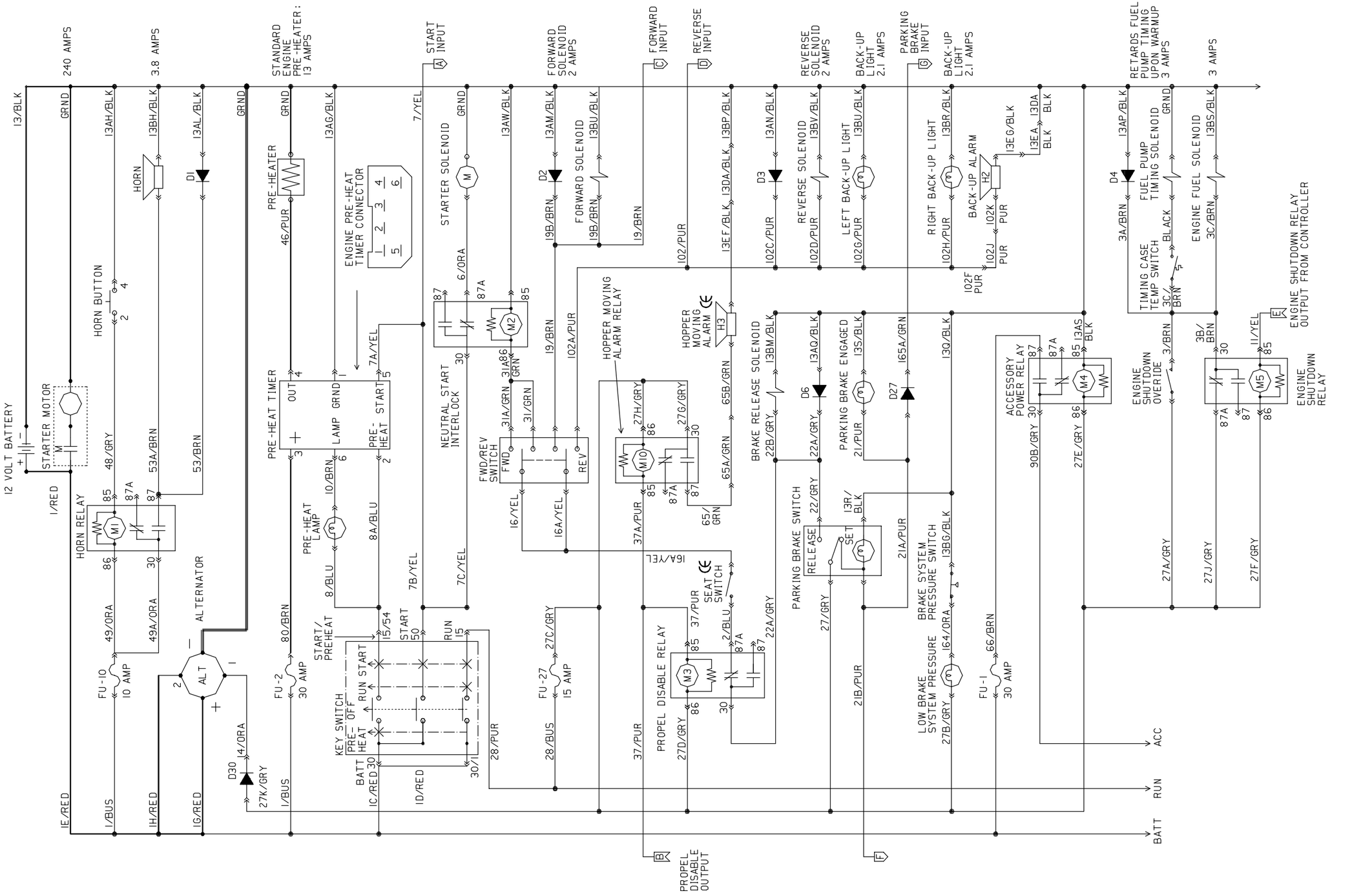


351897

Fig. 27 - Vacuum Fan Group

Ref.	TENNANT Part No.	Machine Serial Number	Description	Qty.
1	760562	(000000–)	Impeller, Intake	2
2	760560	(000000–)	Plate, Fan Housing	2
3	760566	(000000–)	Plate, Cover, Fan Housing	2
4	762032	(000000–)	Motor, Hyd Vac Fan (See Breakdowns)	2
5	760563	(000000–)	Guard, Motor	1
6	762468	(000000–)	Ftg–Hyd, Str	3
7	762432	(000000–)	Ftg–Hyd, E90	1
8	762469	(000000–)	Ftg–Hyd, E90	1
9	762436	(000000–)	Ftg–Hyd, Tee	1
10	770154	(000000–)	Insulation, Acstc, Vacfan	1

Fig. 28 - Electrical Schematic (000000-003706)



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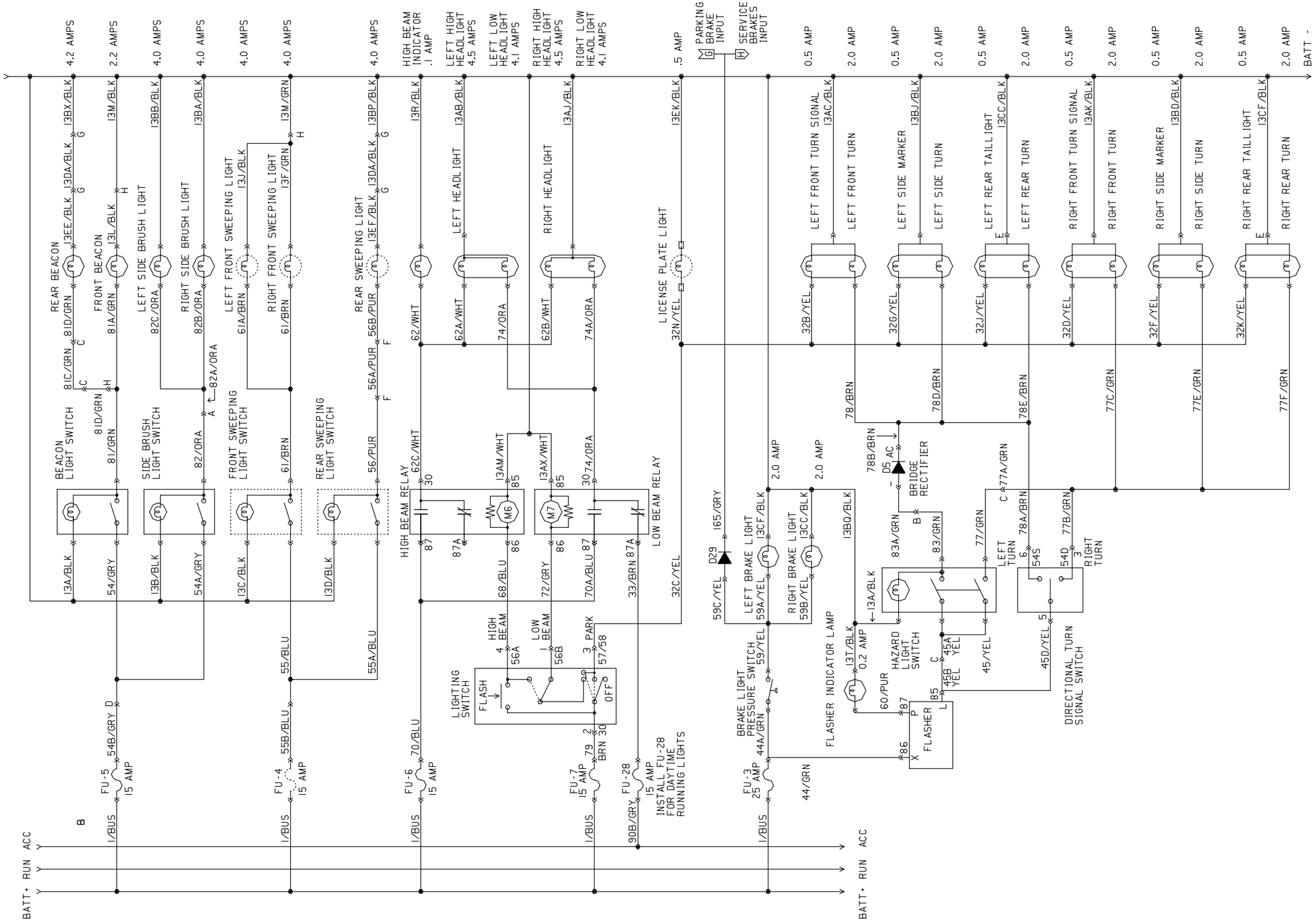
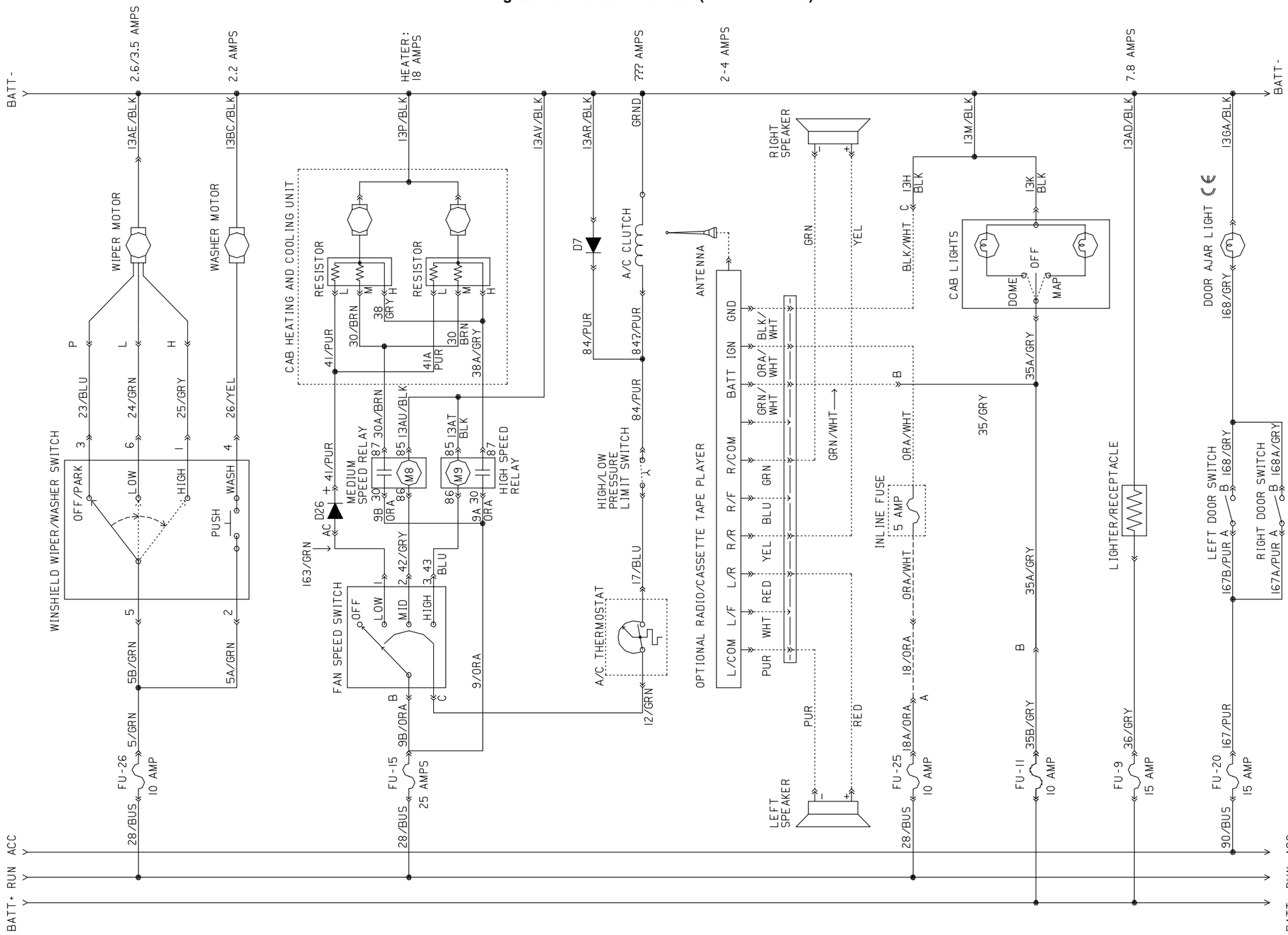
Home Find... Go To..

Fig. 28 - Electrical Schematic (000000-003706)



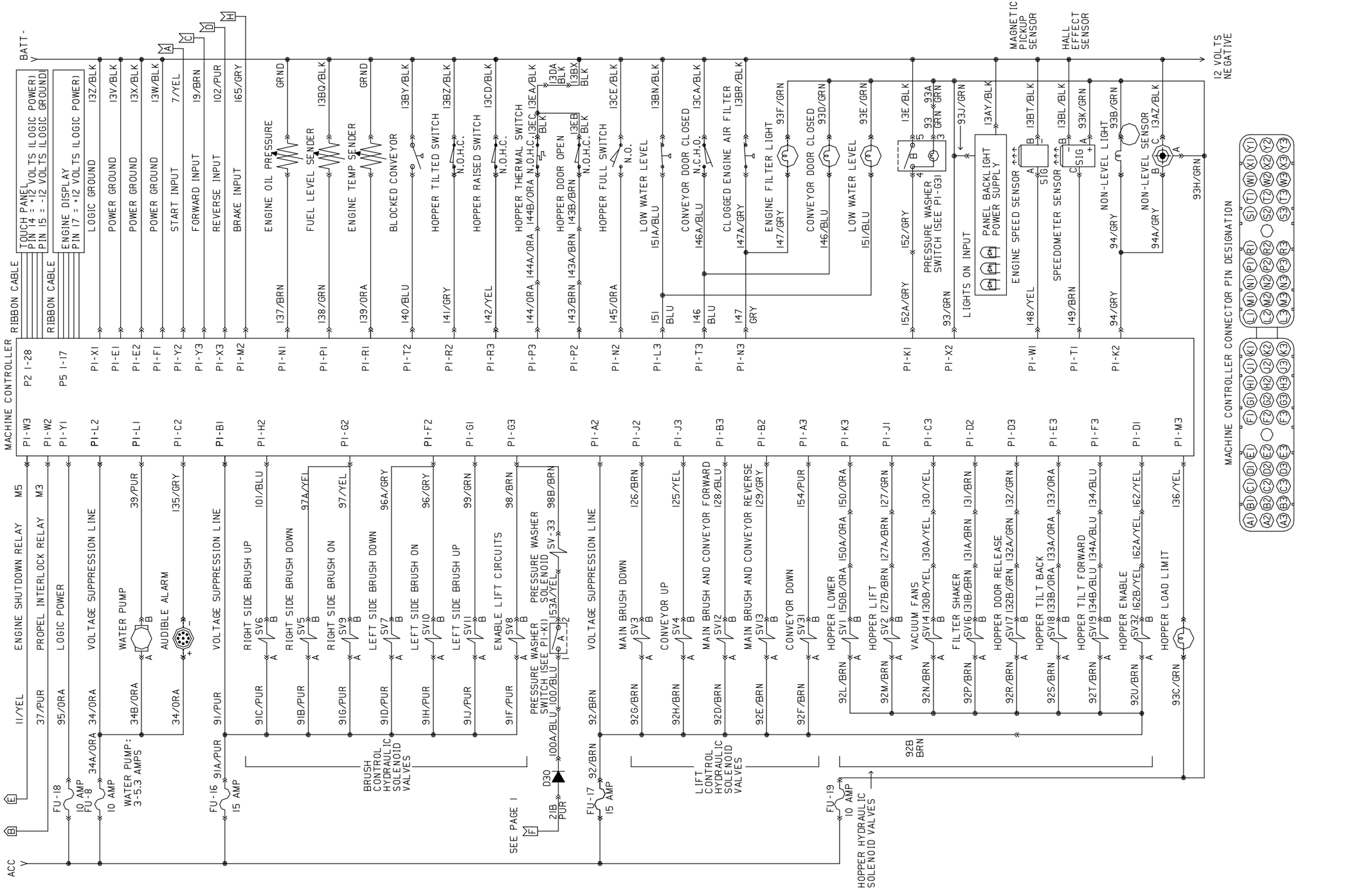
351973

Fig. 28 - Electrical Schematic (000000-003706)



351973

Fig. 28 - Electrical Schematic (000000-003706)



351973

Fig. 28 - Electrical Schematic (000000-003706)

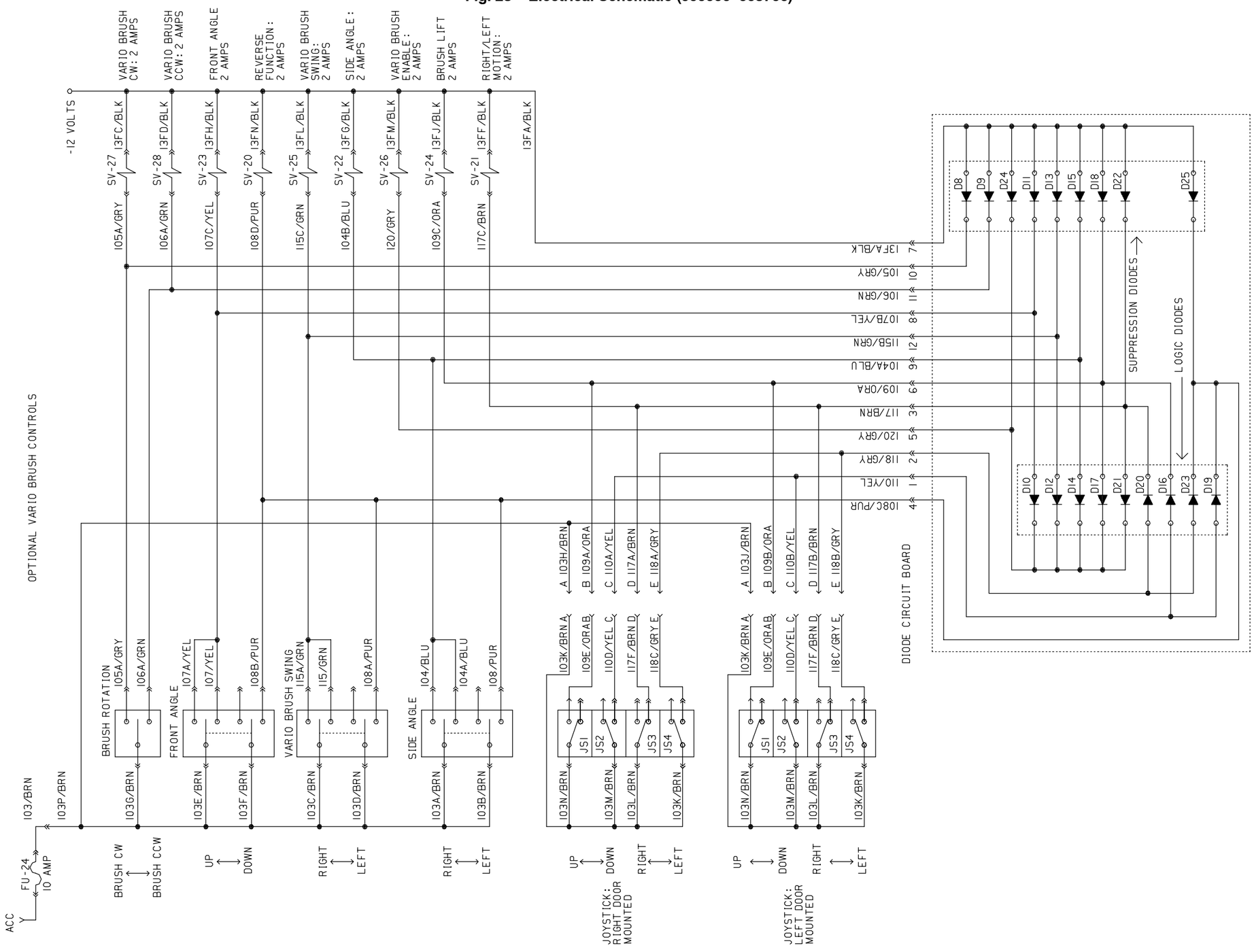


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Fig. 28 - Electrical Schematic (000000-003706)

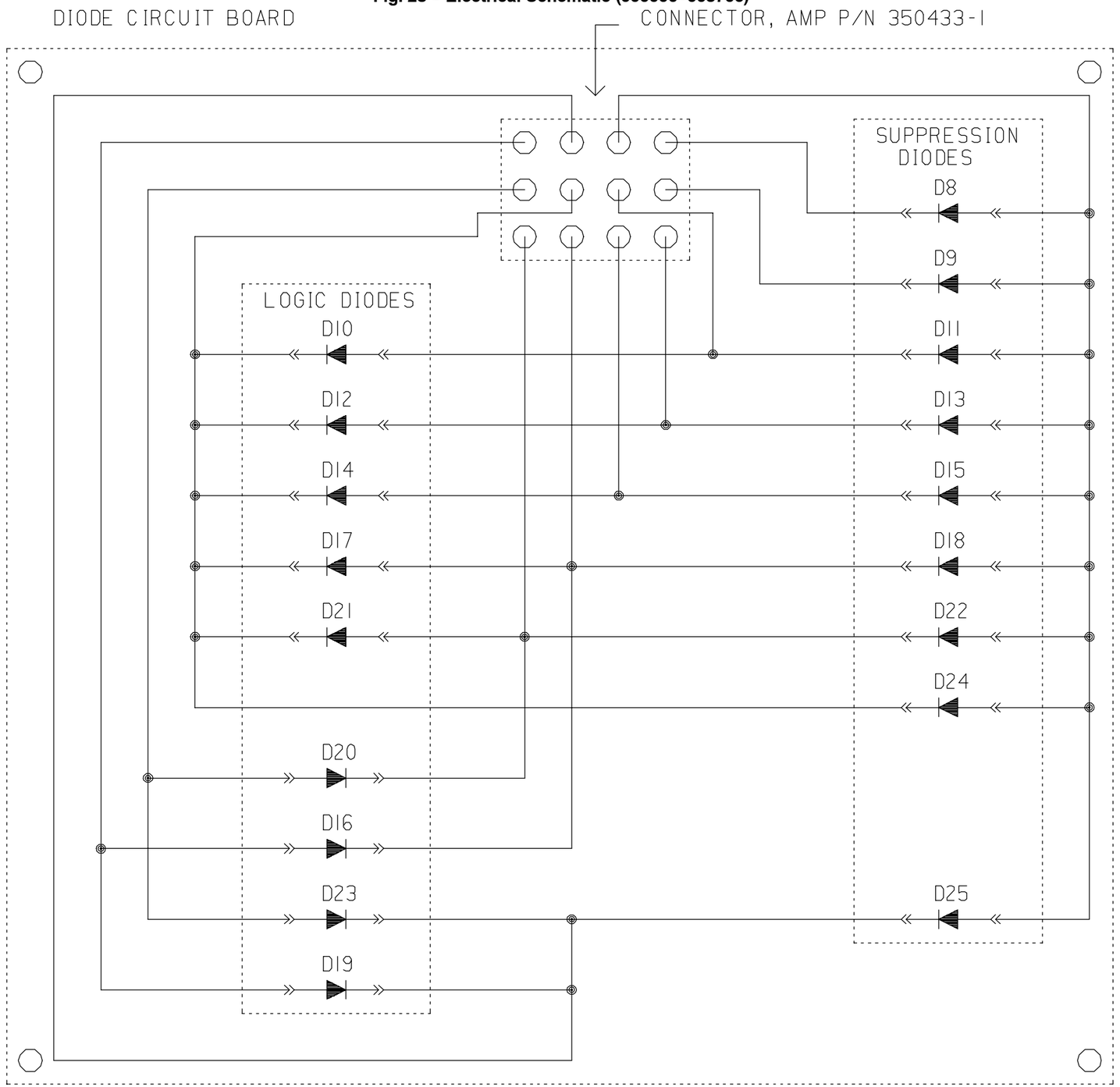

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Fig. 29 - Wire Harnesses Group (000000-003706)

Main Wire Harness

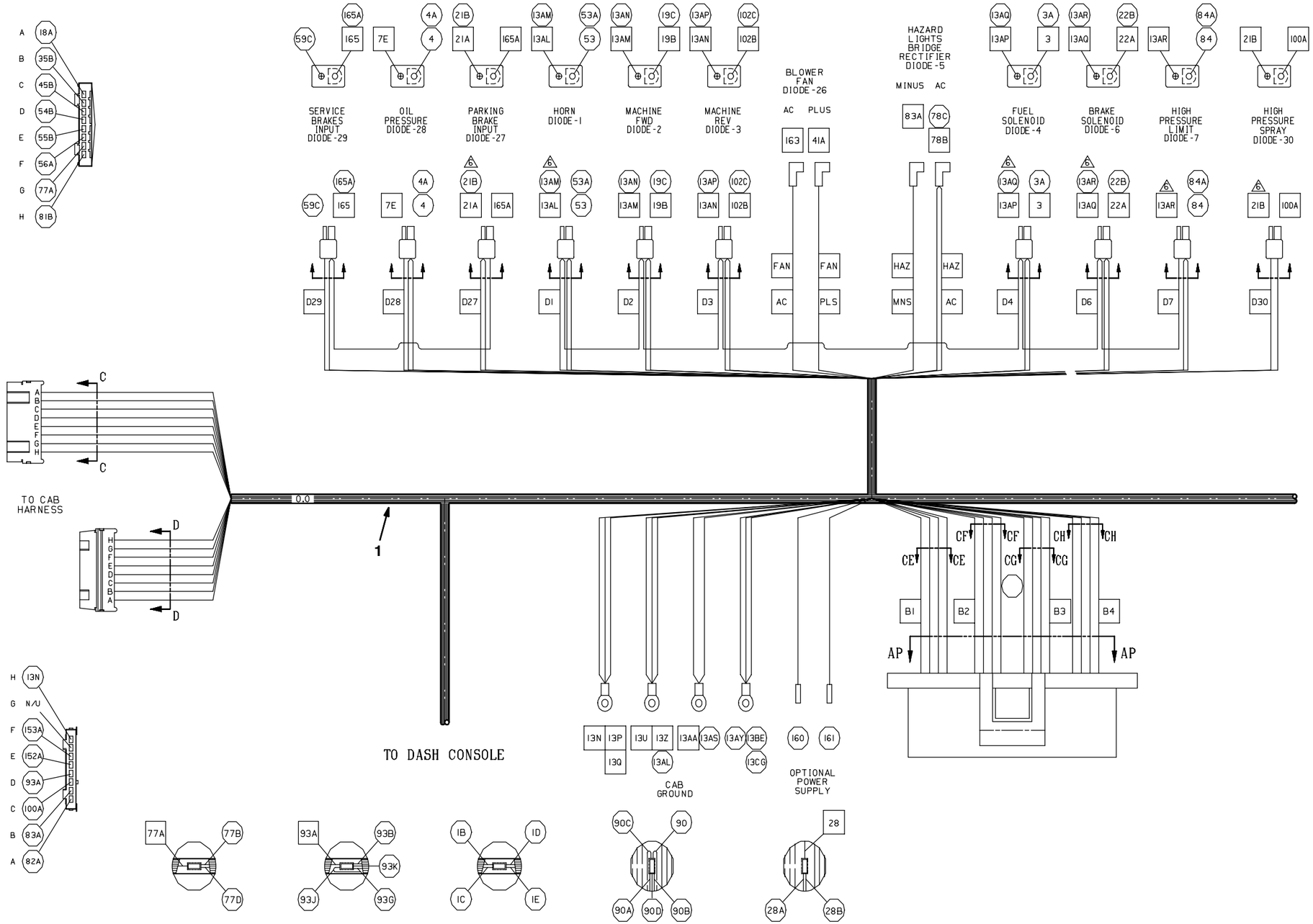

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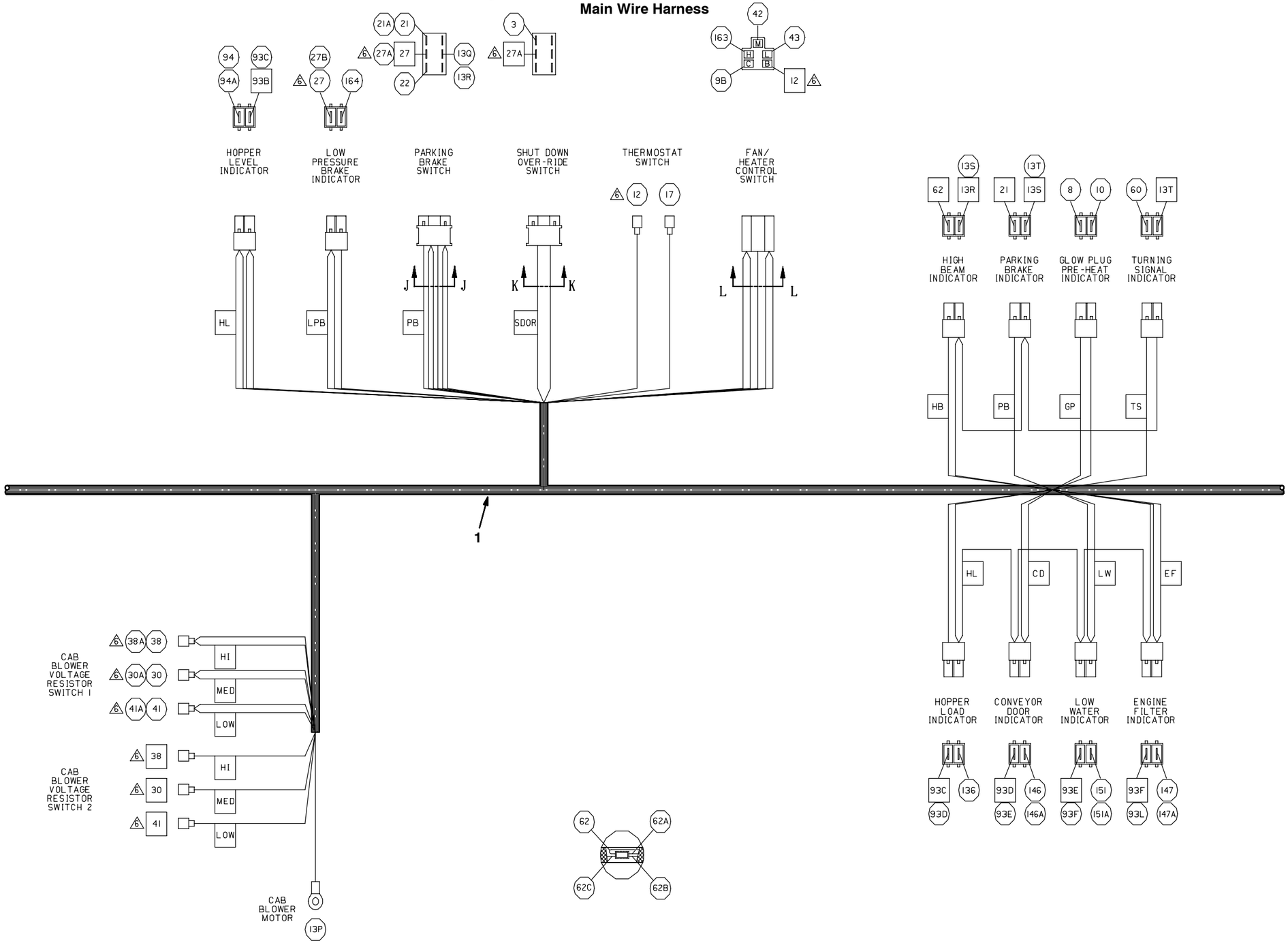
Fig. 29 - Wire Harnesses Group (000000-003706)
Main Wire Harness



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Home Find... Go To..

Fig. 29 - Wire Harnesses Group (000000-003706)
Main Wire Harness

CONNECTOR WIRING			
CONN. B	SOC. NO.	CONN. A	SOC. NO.
O 39	1-L	X N/U	1-A
X N/U	1-M	O 91	1-B
O 137	1-N	X N/U	1-C
O 138	1-P	O 162	1-D
O 139	1-R	□ 13V	1-E
O 34	2-L	O 92	2-A
O 165	2-M	O 129	2-B
O 145	2-N	O 135	2-C
O 143	2-P	O 131	2-D
O 141	2-R	□ 13X	2-E
□ 151	3-L	O 154	3-A
□ 136	3-M	O 128	3-B
□ 147	3-N	O 130	3-C
O 144	3-P	O 132	3-D
O 142	3-R	O 133	3-E
X N/U	1-S	□ 13W	1-F
O 149	1-T	O 99	1-G
O 148	1-W	X N/U	1-H
O 13Z	1-X	O 127	1-J
O 95	1-Y	□ 152A	1-K
X N/U	2-S	O 96	2-F
O 140	2-T	O 97	2-G
O 37	2-W	O 101	2-H
□ 93L	2-X	O 126	2-J
□ 7	2-Y	□ 94	2-K
X N/U	3-S	O 134	3-F
□ 146	3-T	O 98	3-G
O 11	3-W	X N/U	3-H
□ 102	3-X	O 125	3-J
□ 19	3-Y	O 150	3-K
PLUGS-SEE ITEM #10 & #11			

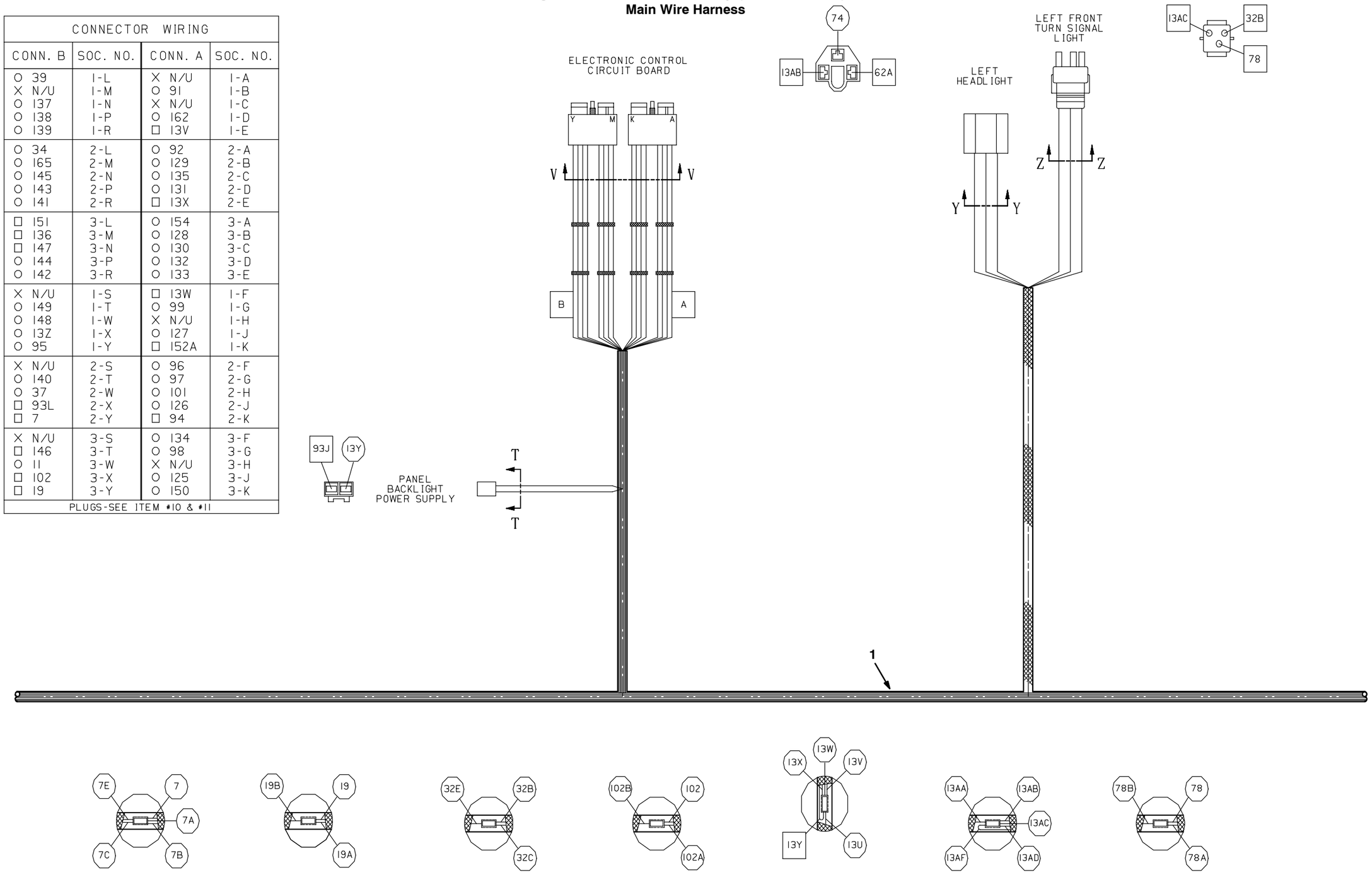

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Fig. 29 - Wire Harnesses Group (000000-003706)

Main Wire Harness

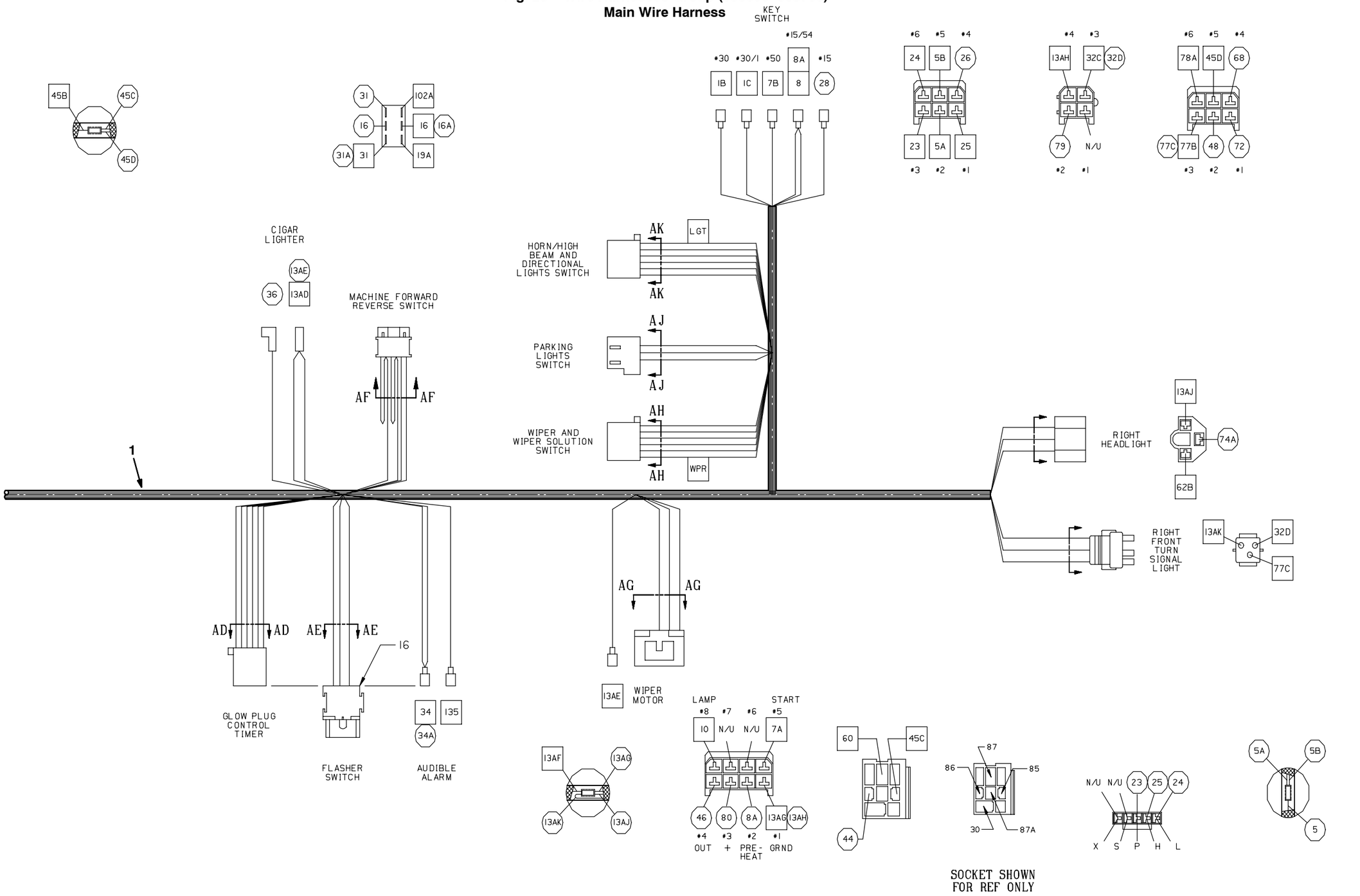

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Fig. 29 - Wire Harnesses Group (000000-003706)

Main Wire Harness

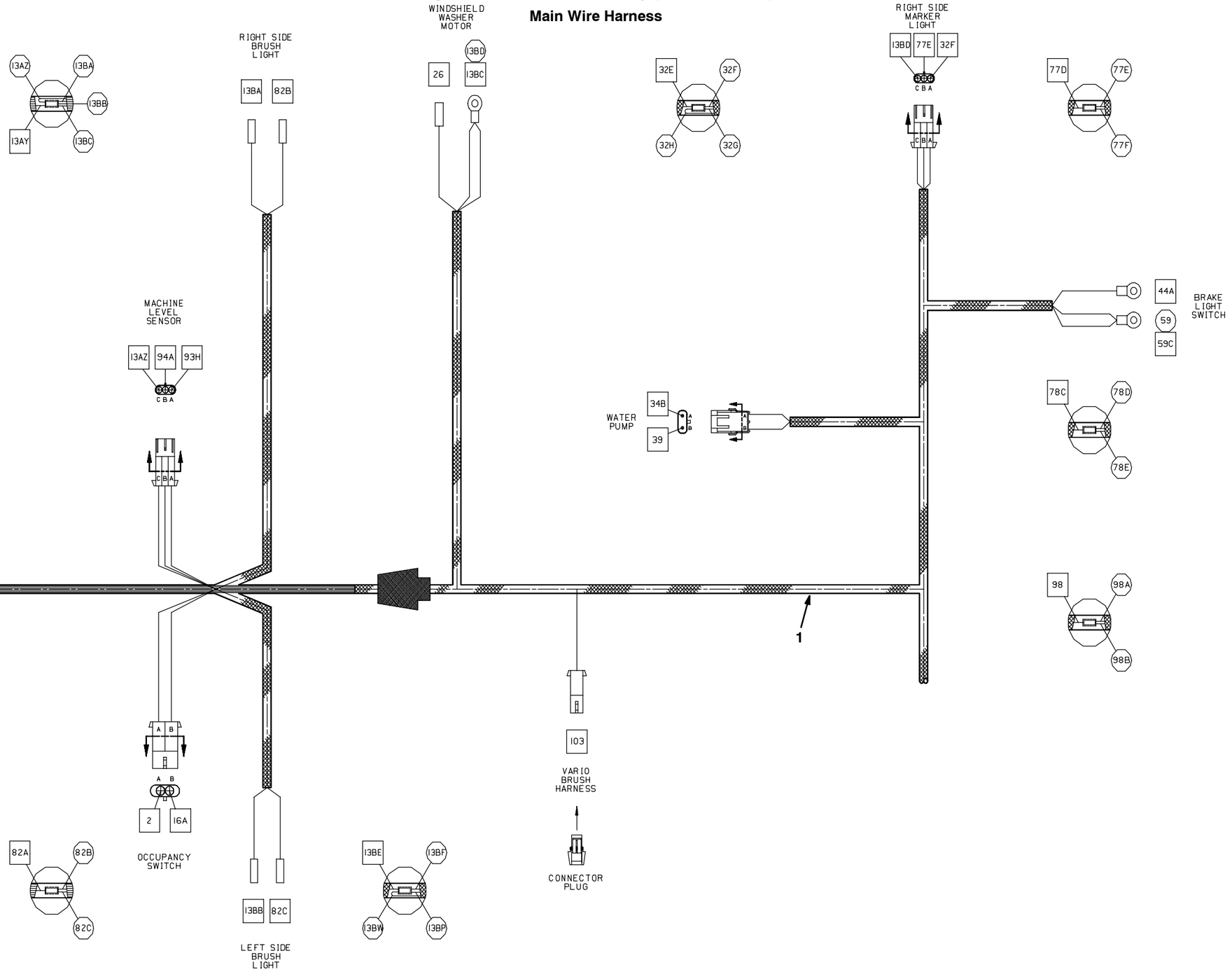

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Fig. 29 - Wire Harnesses Group (000000-003706)
Main Wire Harness

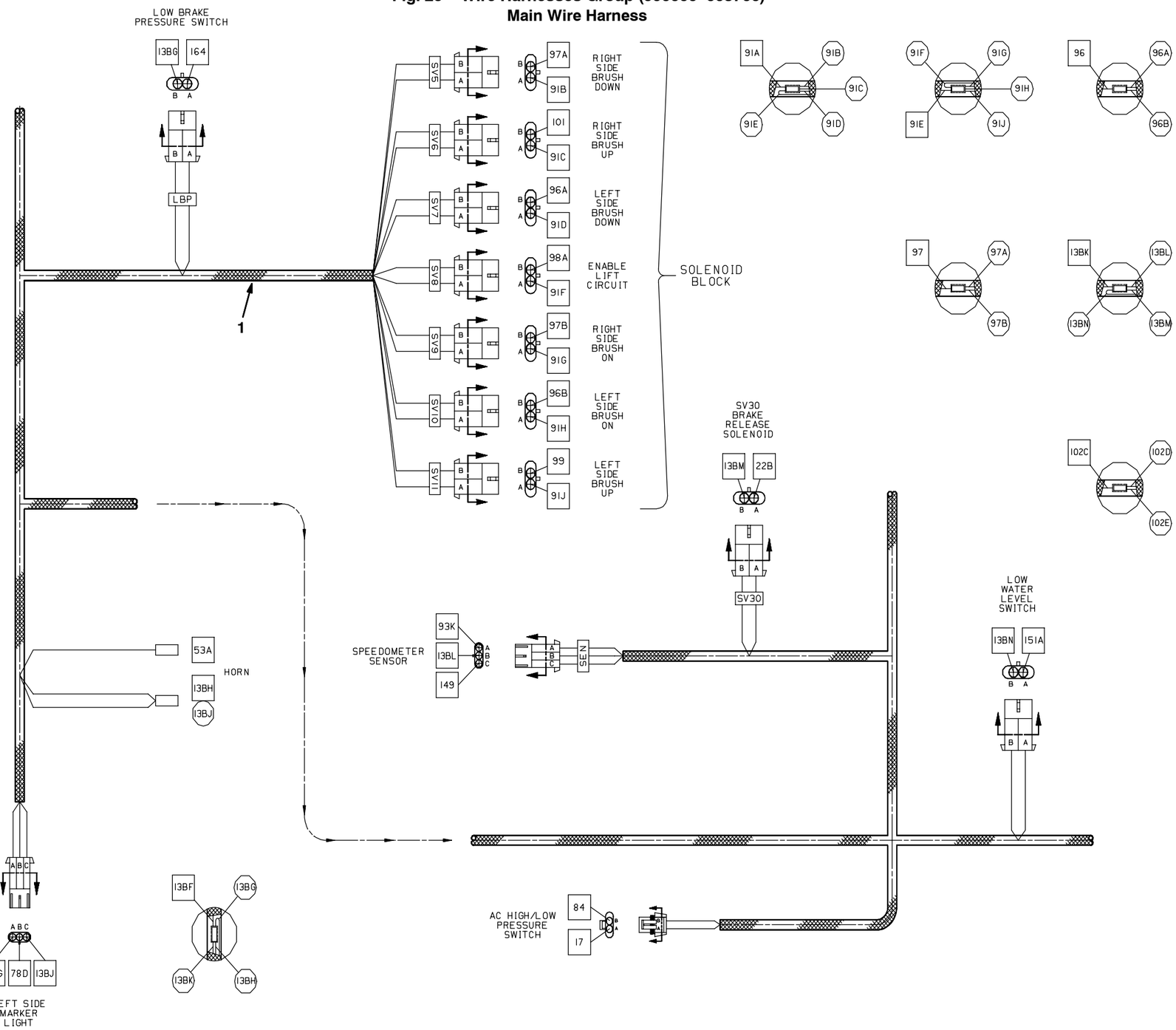

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Fig. 29 - Wire Harnesses Group (000000-003706)

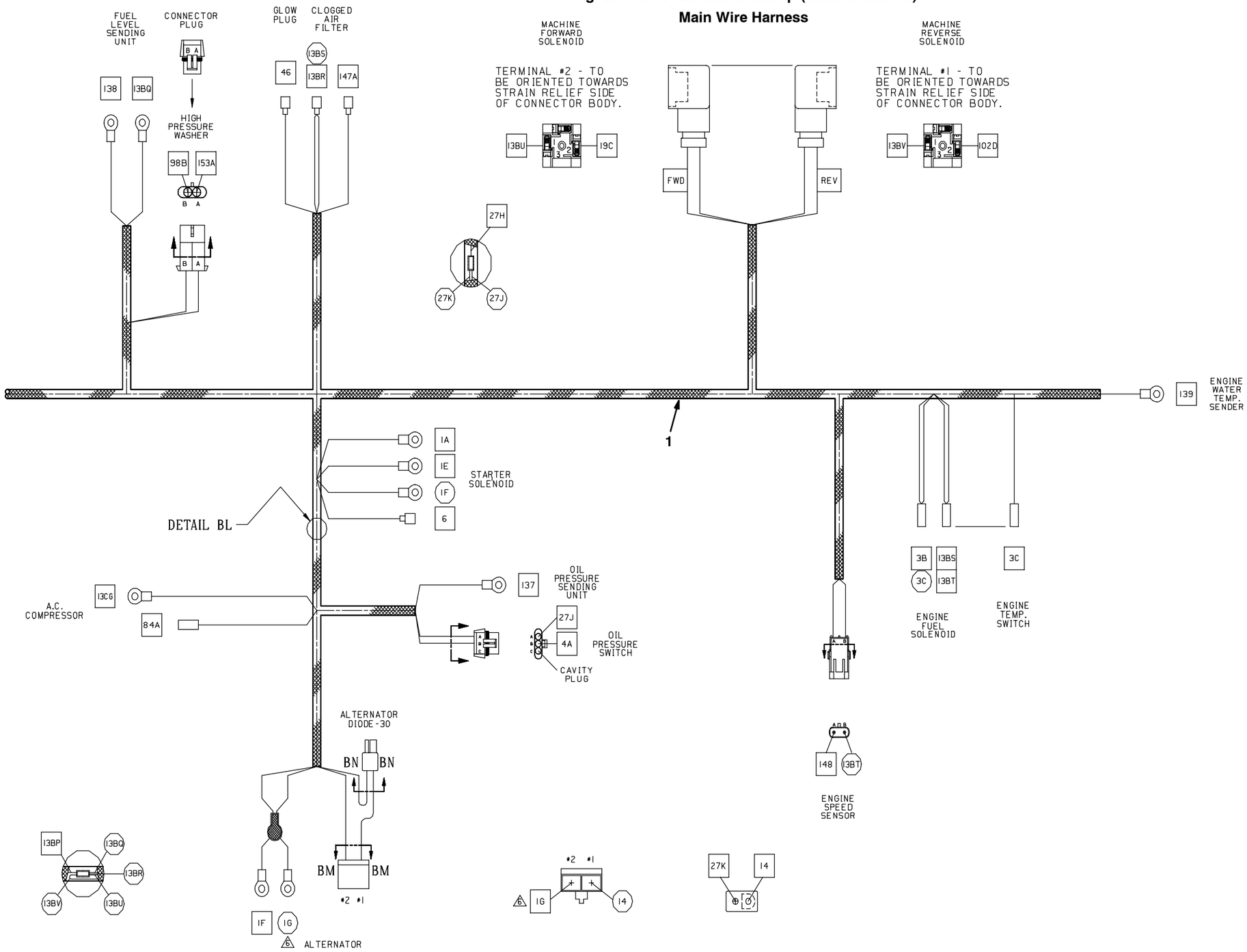

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Fig. 29 - Wire Harnesses Group (000000-003706)

Main Wire Harness

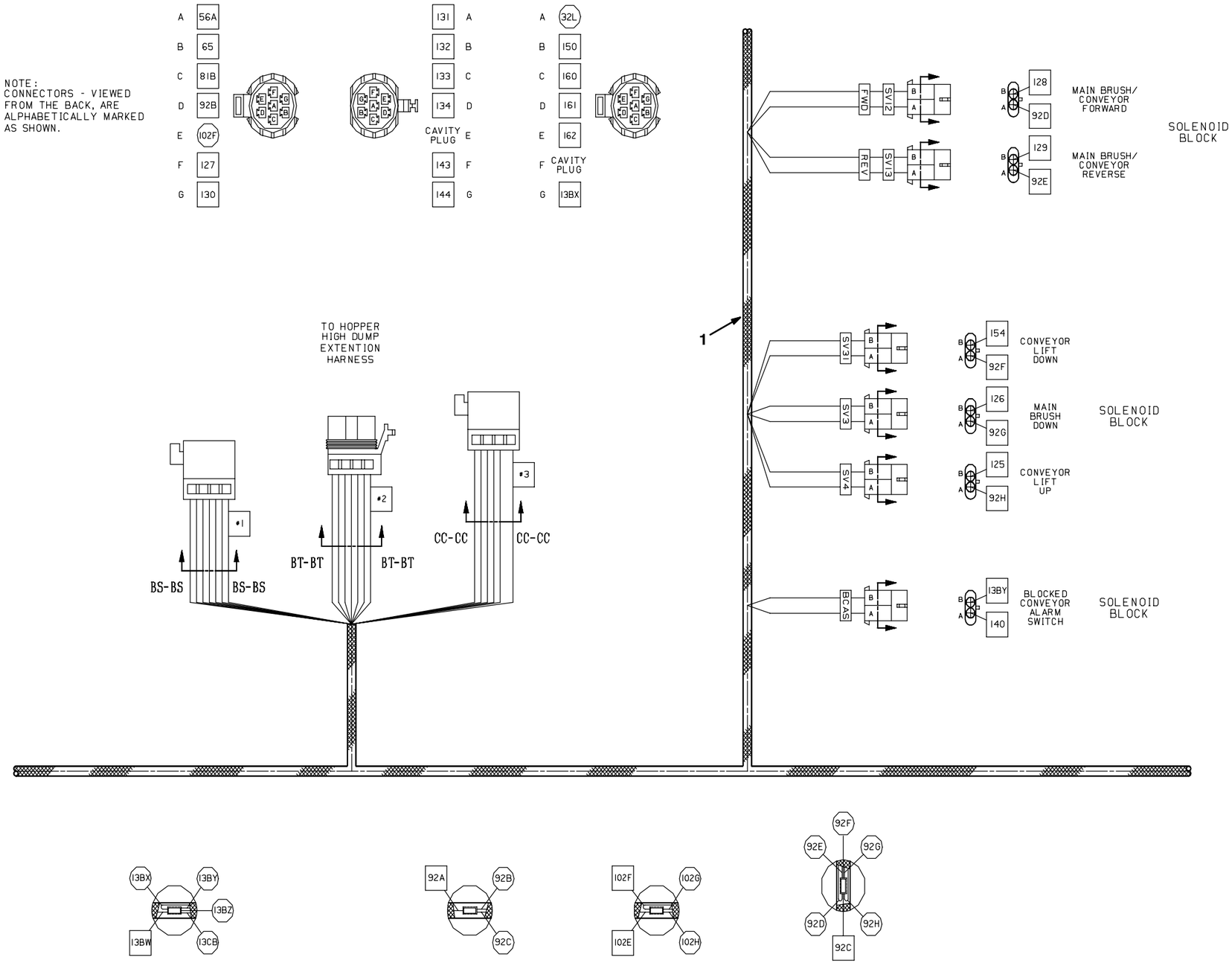

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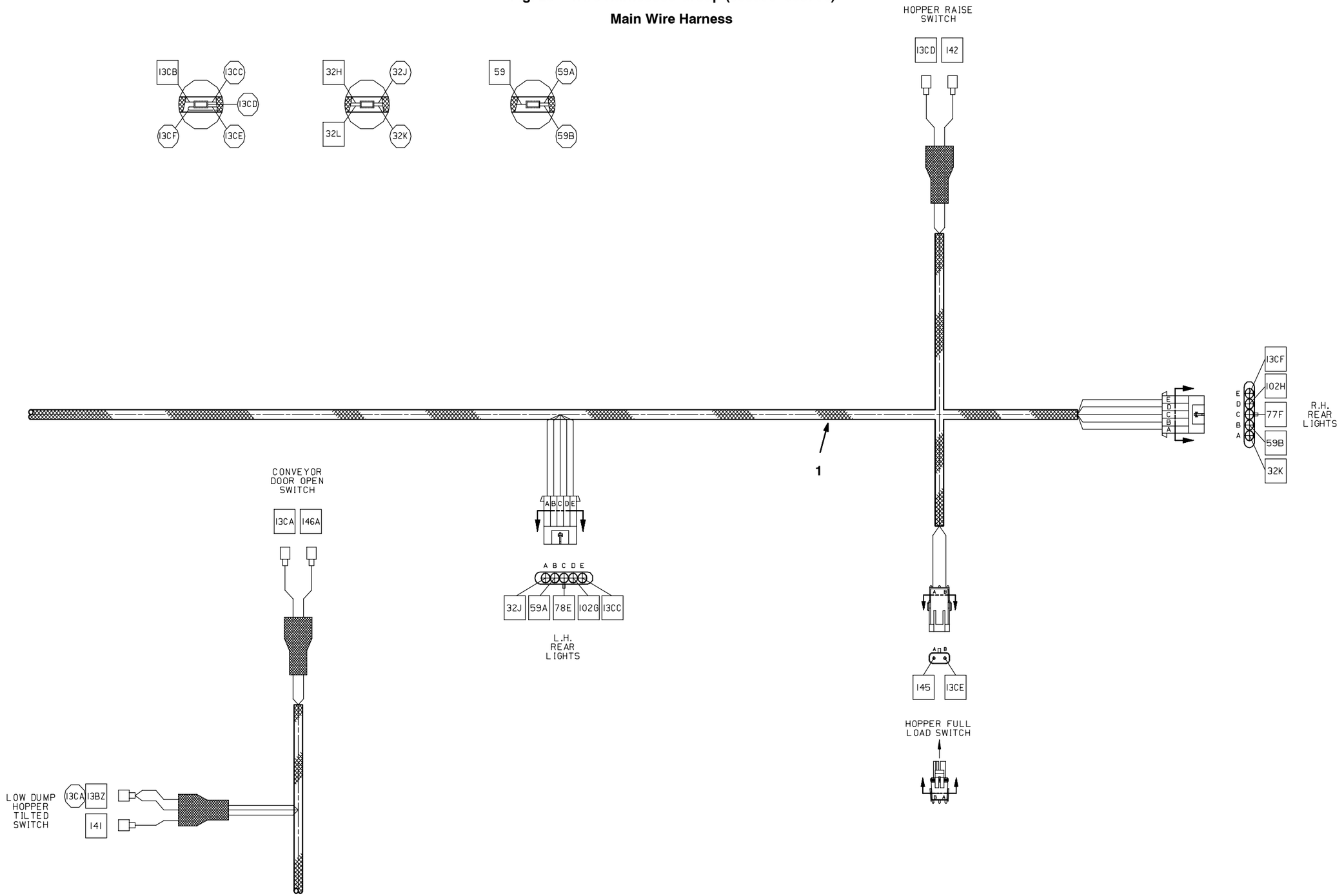
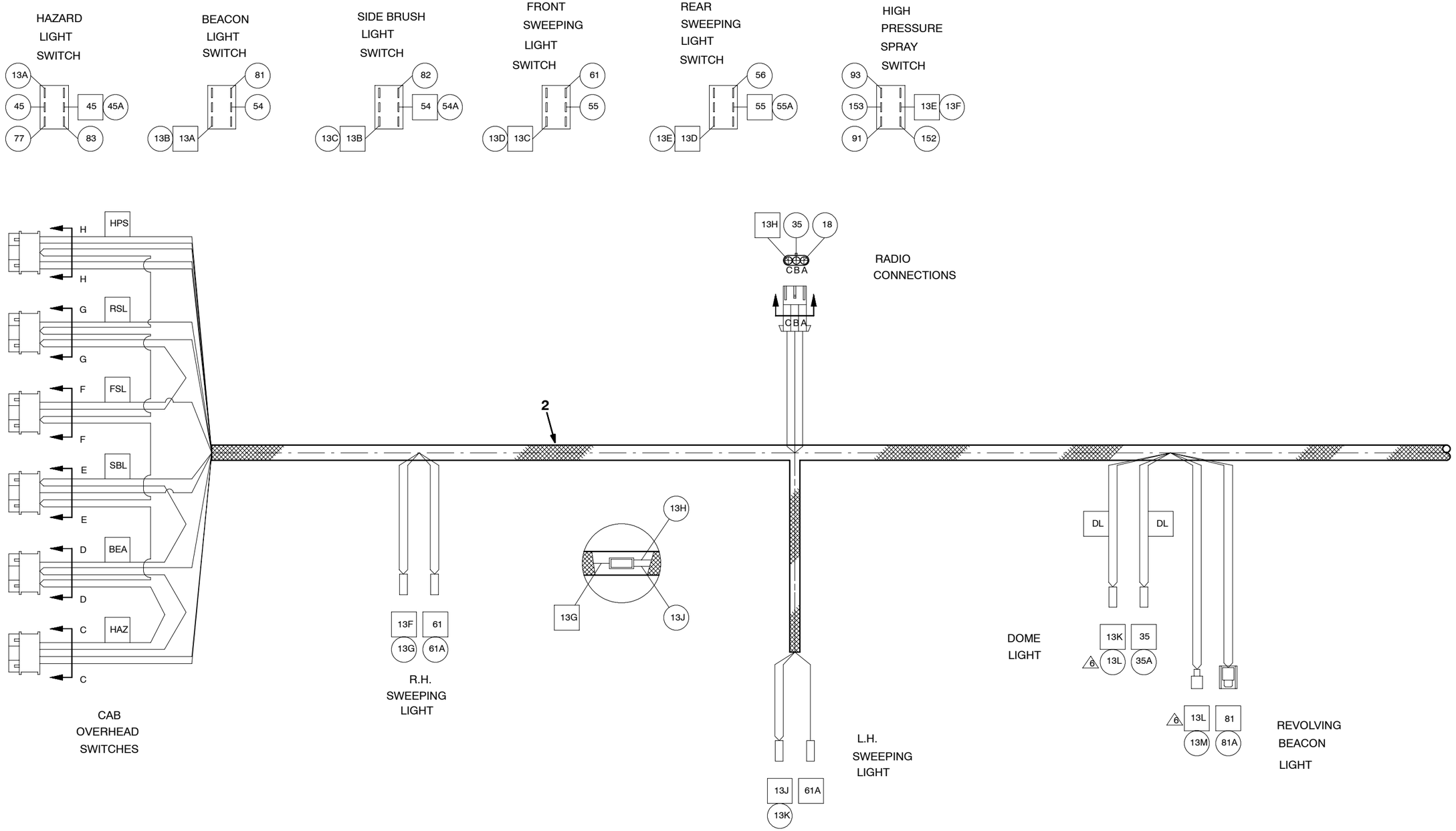
Fig. 29 - Wire Harnesses Group (000000-003706)

Main Wire Harness



351975

Fig. 29 - Wire Harnesses Group (000000-003706)
Cab Wire Harness



351976

Fig. 29 - Wire Harnesses Group (000000-003706)

Cab Wire Harness

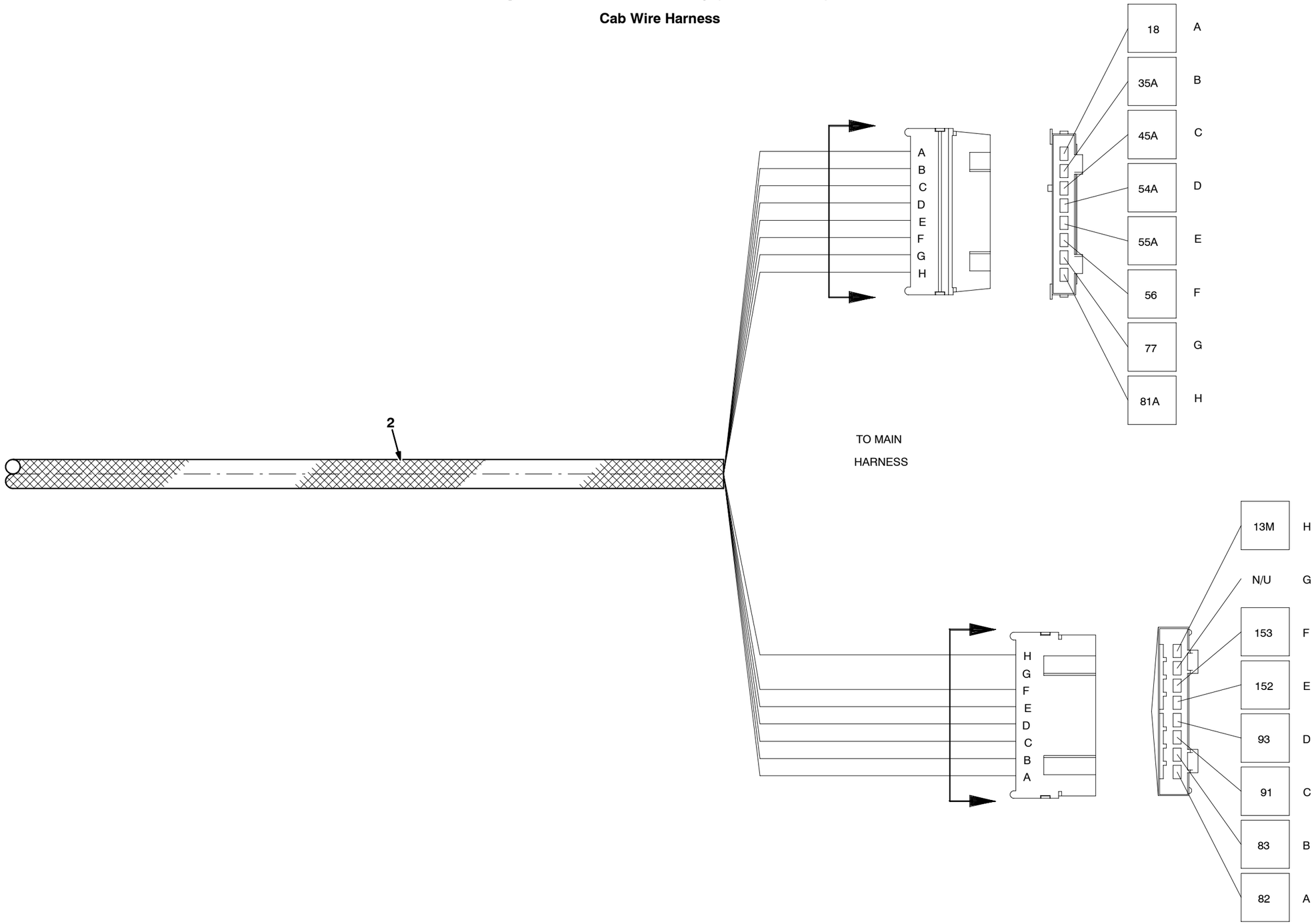
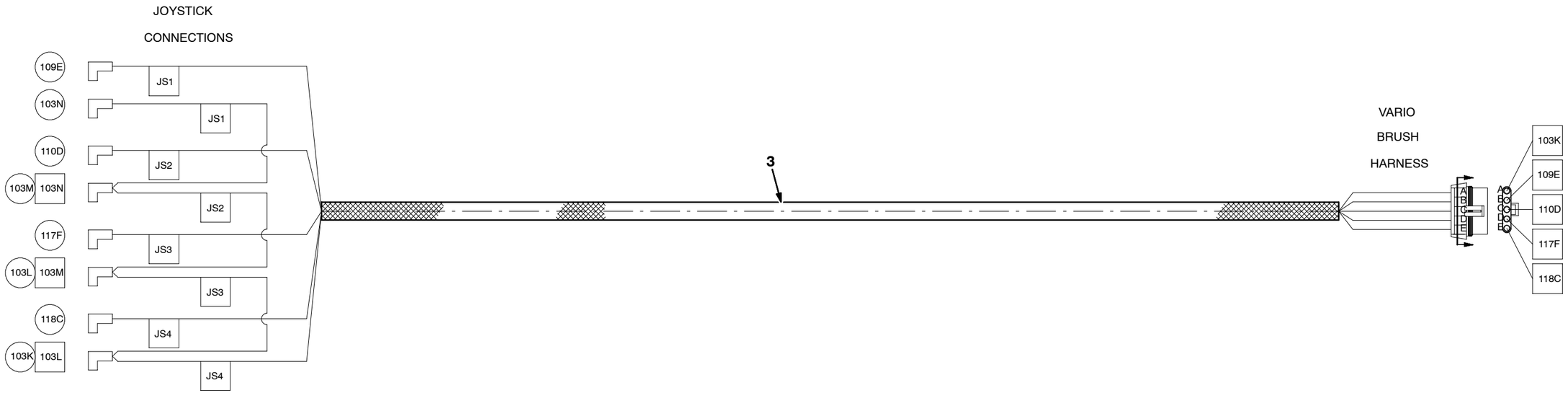


Fig. 29 - Wire Harnesses Group (000000-003706)

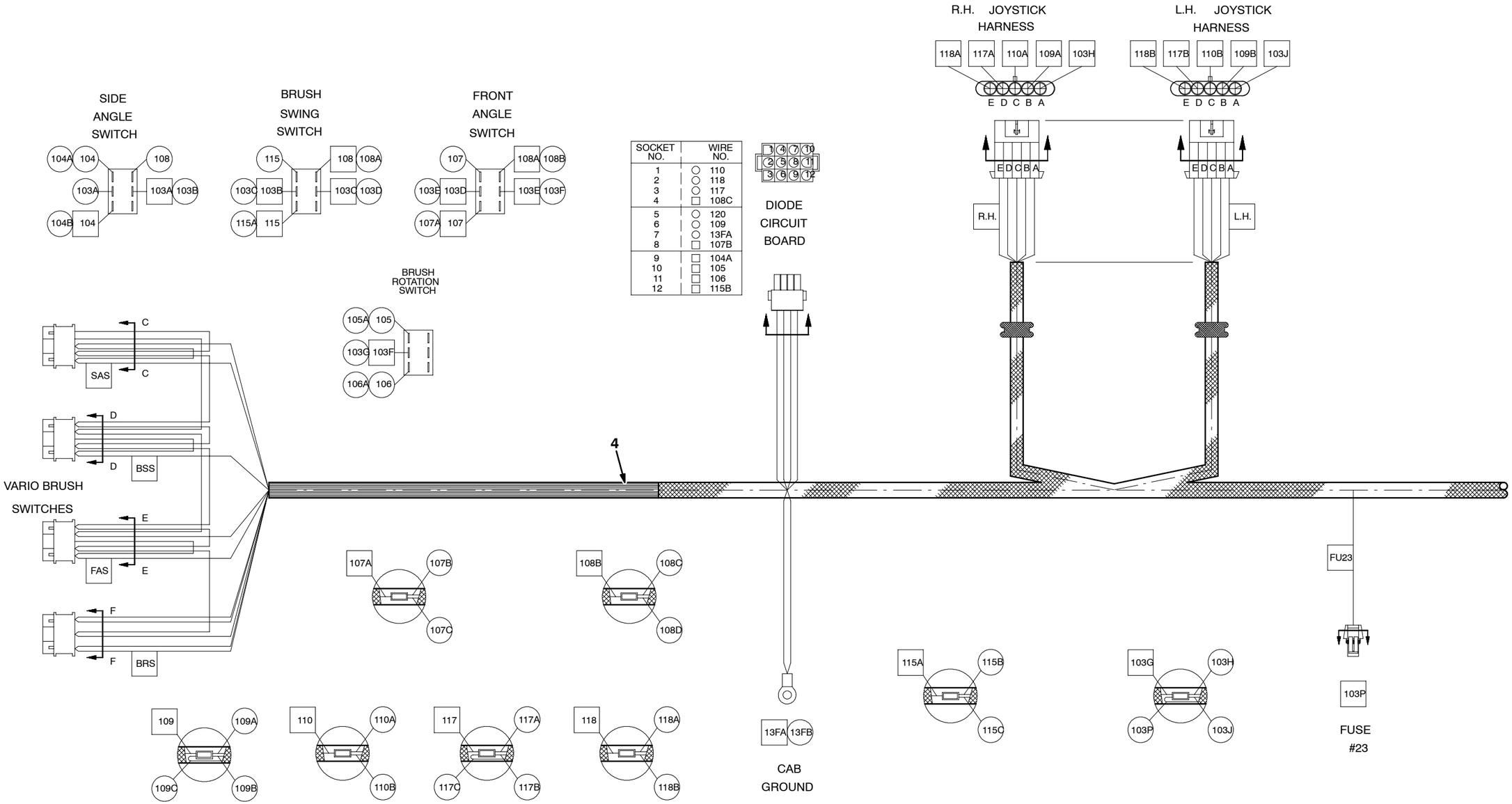
Vario Brush Control Wire Harness (Optional)



351977

Fig. 29 - Wire Harnesses Group (000000-003706)

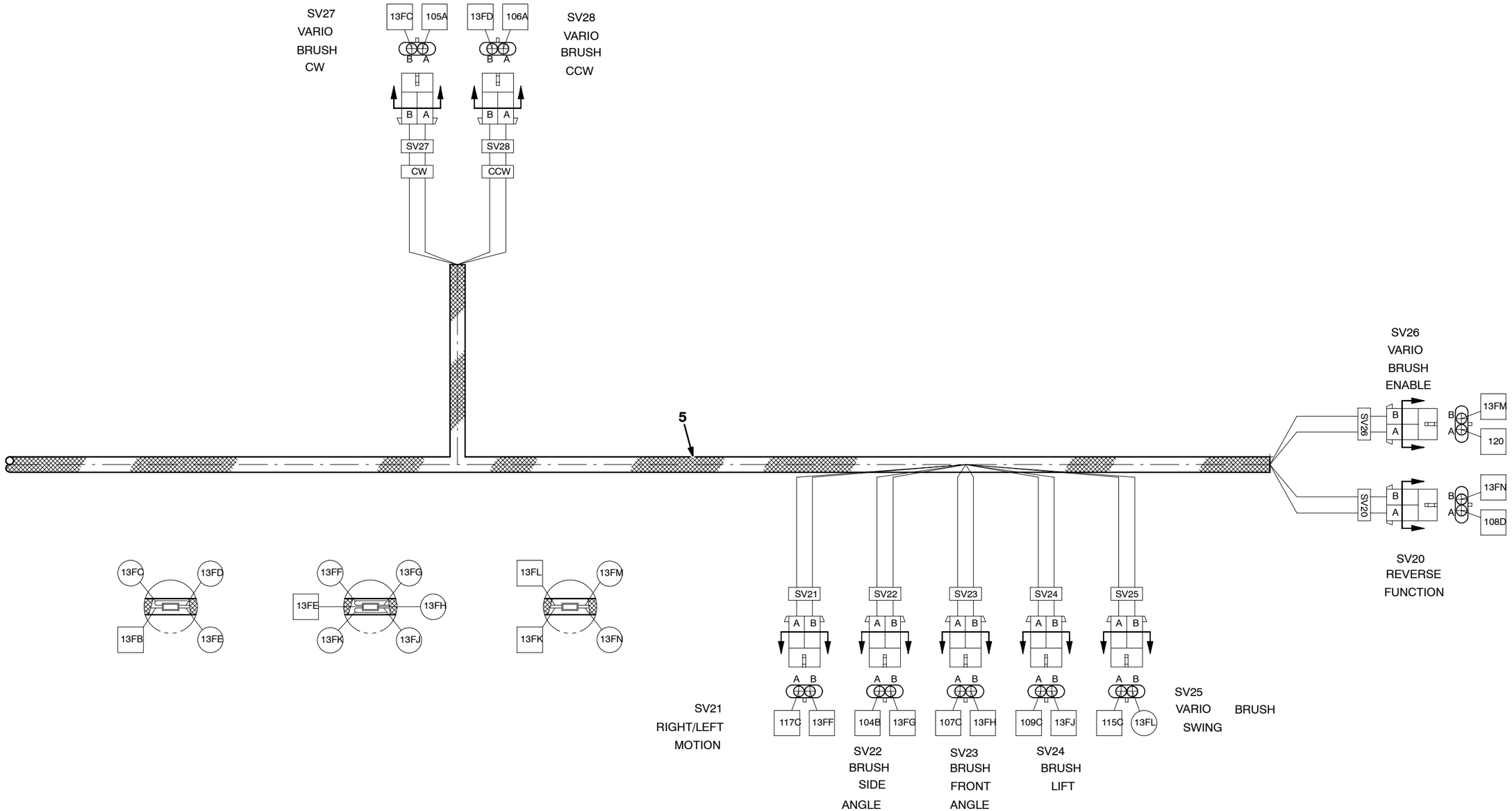
Vario Brush Wire Harness (Optional)



768566

Fig. 29 - Wire Harnesses Group (000000-003706)

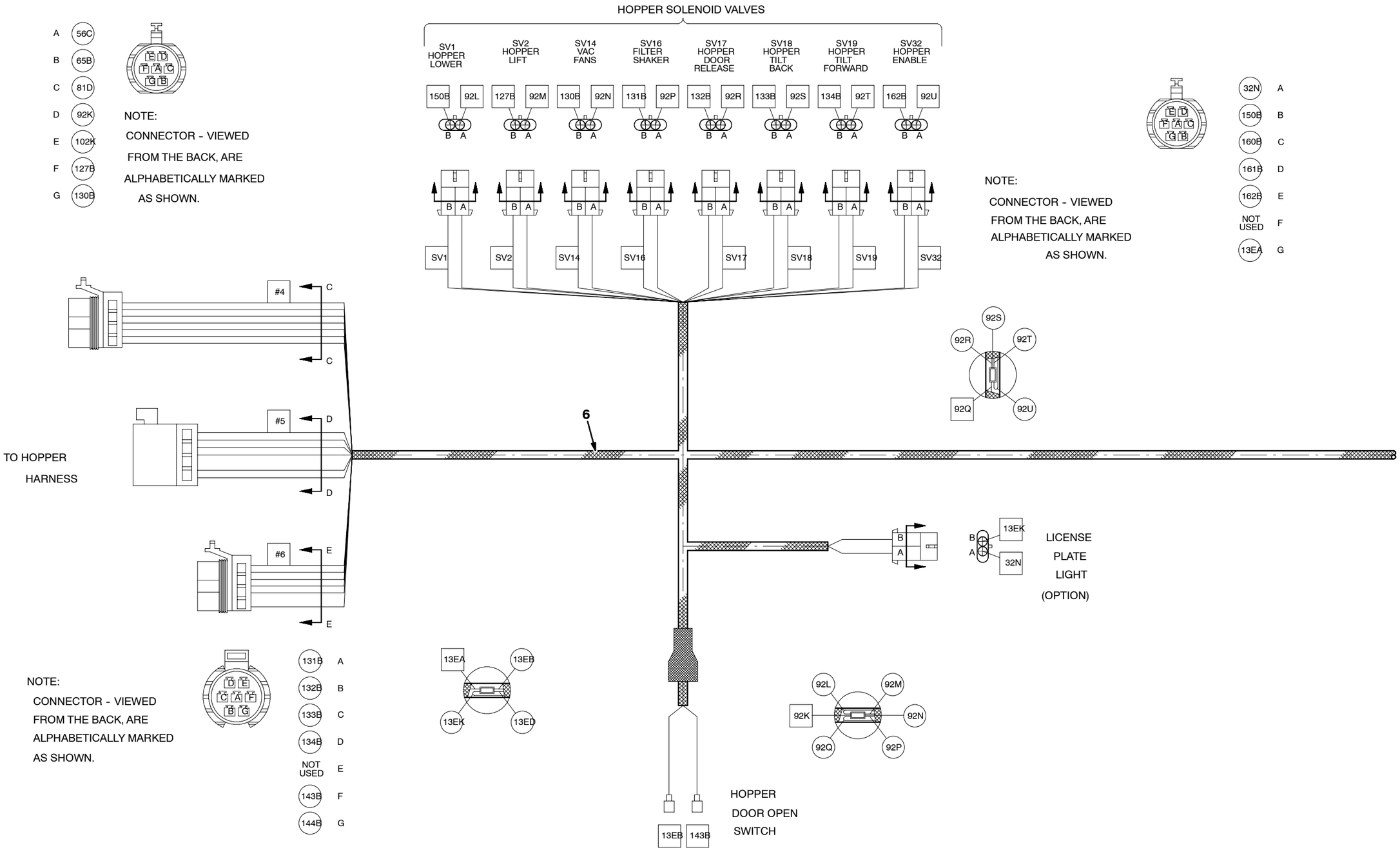
Hopper Lift Wire Harness (Optional)



351978

Fig. 29 - Wire Harnesses Group (000000-003706)

Hopper Wire Harness



351979

Fig. 29 - Wire Harnesses Group (000000-003706)

Hopper Wire Harness

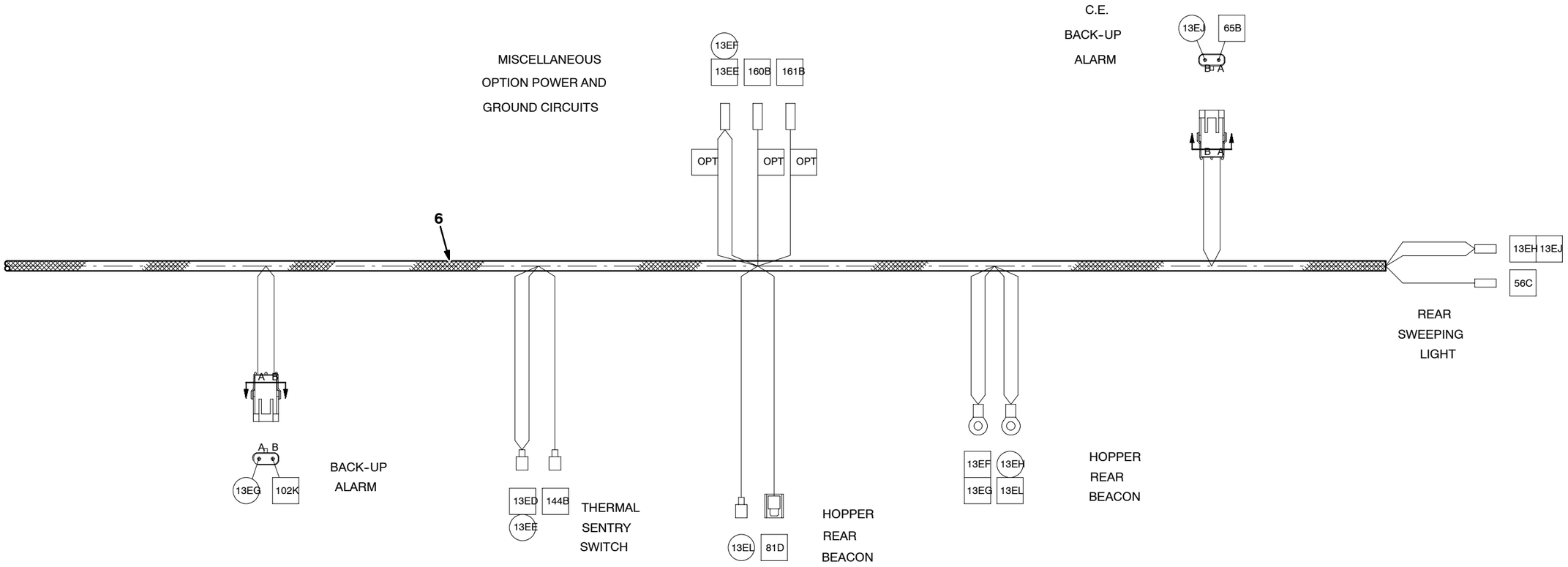


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Fig. 29 - Wire Harnesses Group (000000-003706)

Ref.	TENNANT Part No.	Machine Serial Number	Description	Qty.
1	768560	(000000-003706)	Harness, Main, Wire	1
2	768561	(000000-003706)	Harness, Cab, Wire	1
3	768562	(000000-003706)	Harness, Vario Brush Control, Wire	1
4	768566	(000000-003706)	Harness, Vario Brush, Wire	1
5	768563	(000000-003706)	Harness, Hopper Lift, Wire	1
6	768565	(000000-003706)	Harness, Hopper, Wire	1
	367407	(000000-003706)	Wire, Jumper (Low Dump)	1

Fig. 30 - Electrical Schematic (003707-)

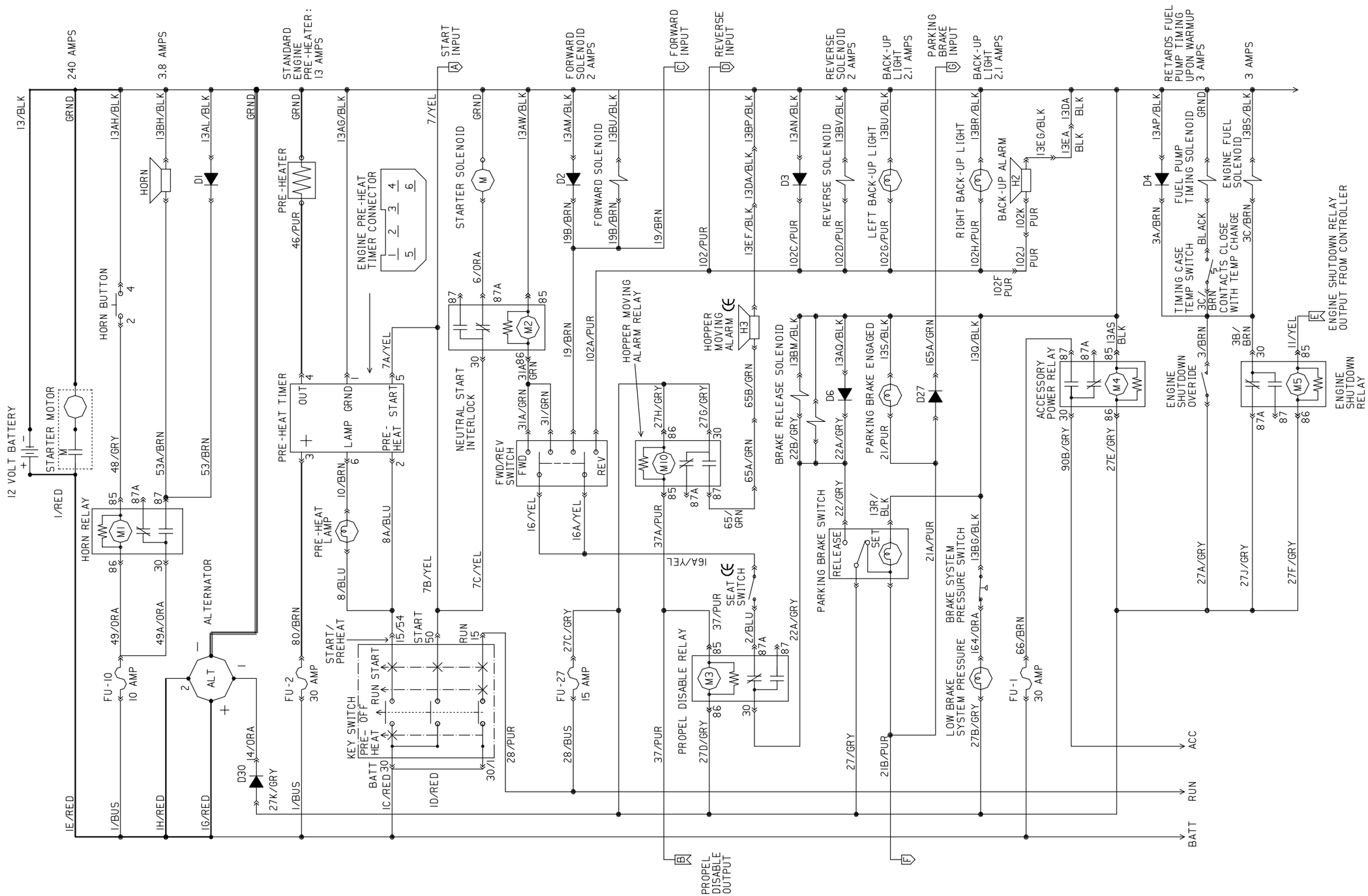

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Fig. 30 - Electrical Schematic (003707-)

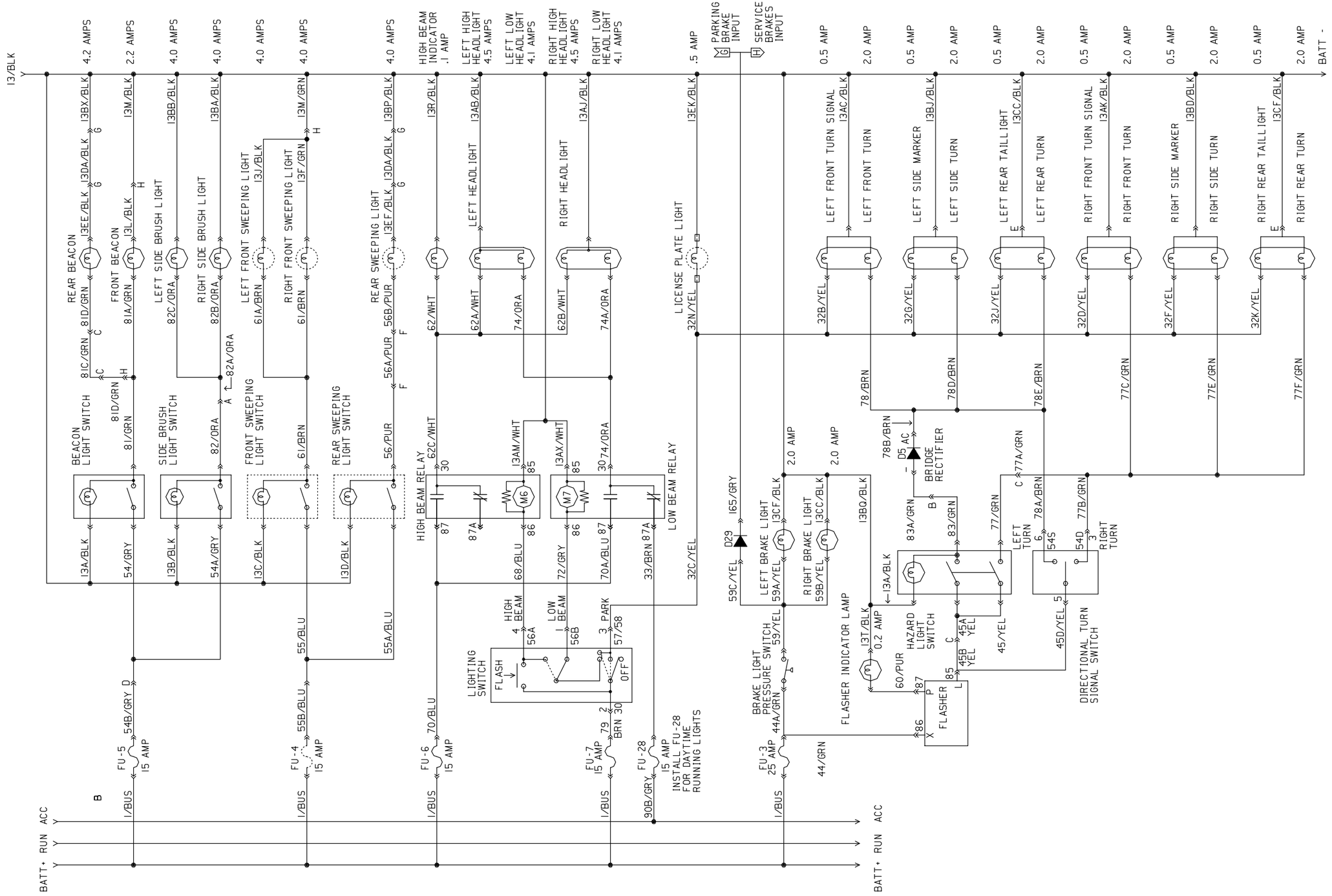
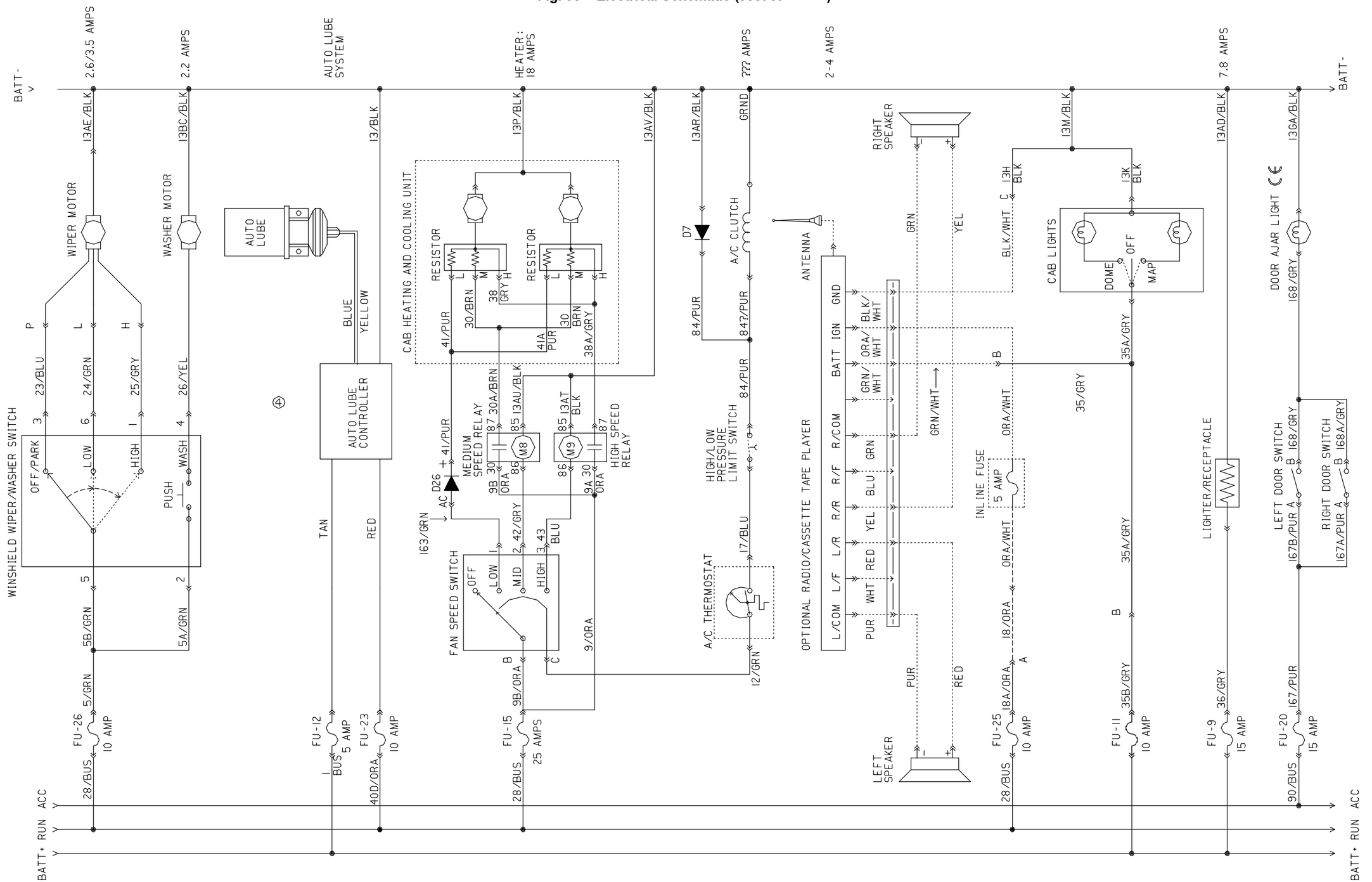


Fig. 30 - Electrical Schematic (003707-)



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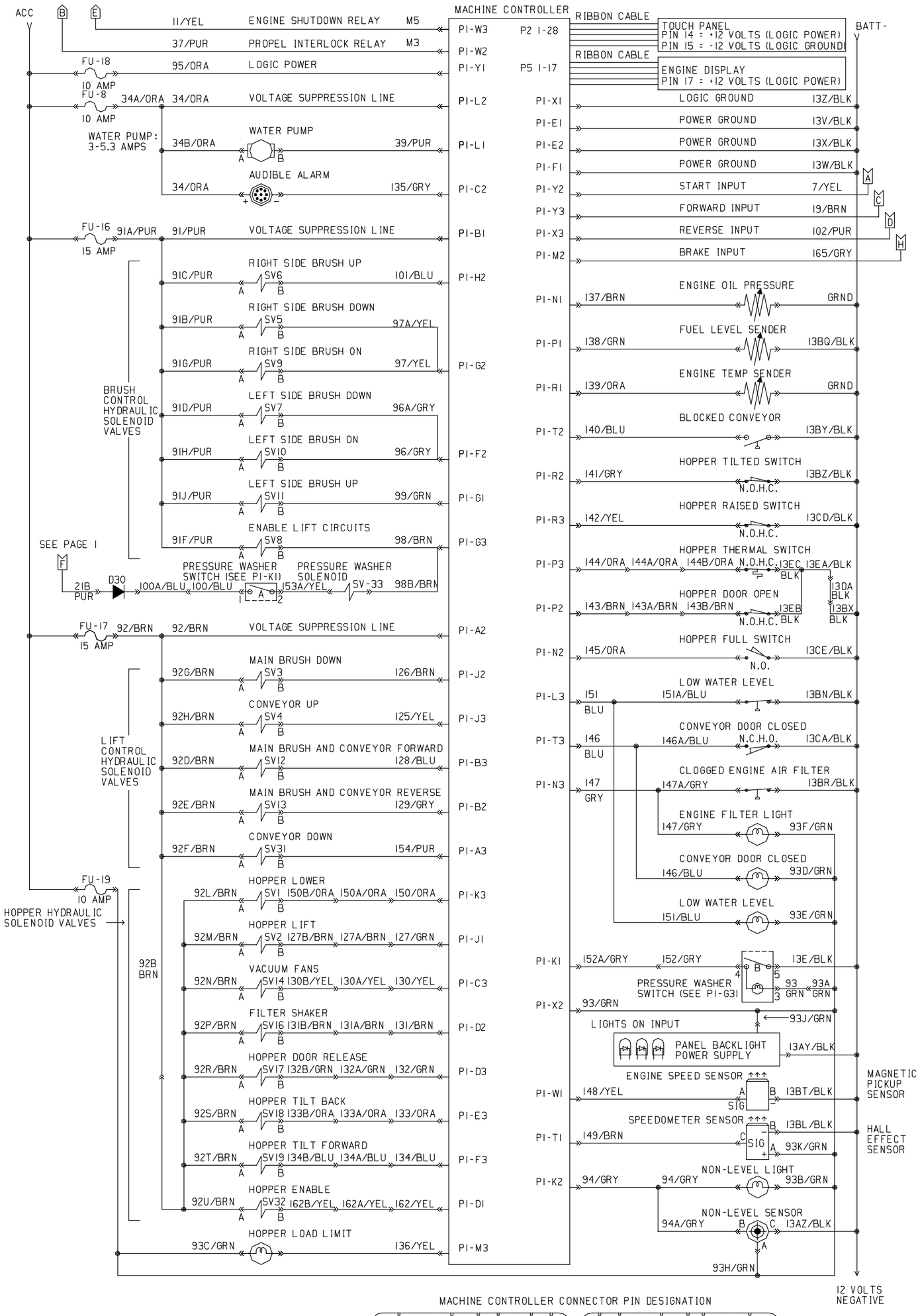

Fig. 30 - Electrical Schematic (003707-)

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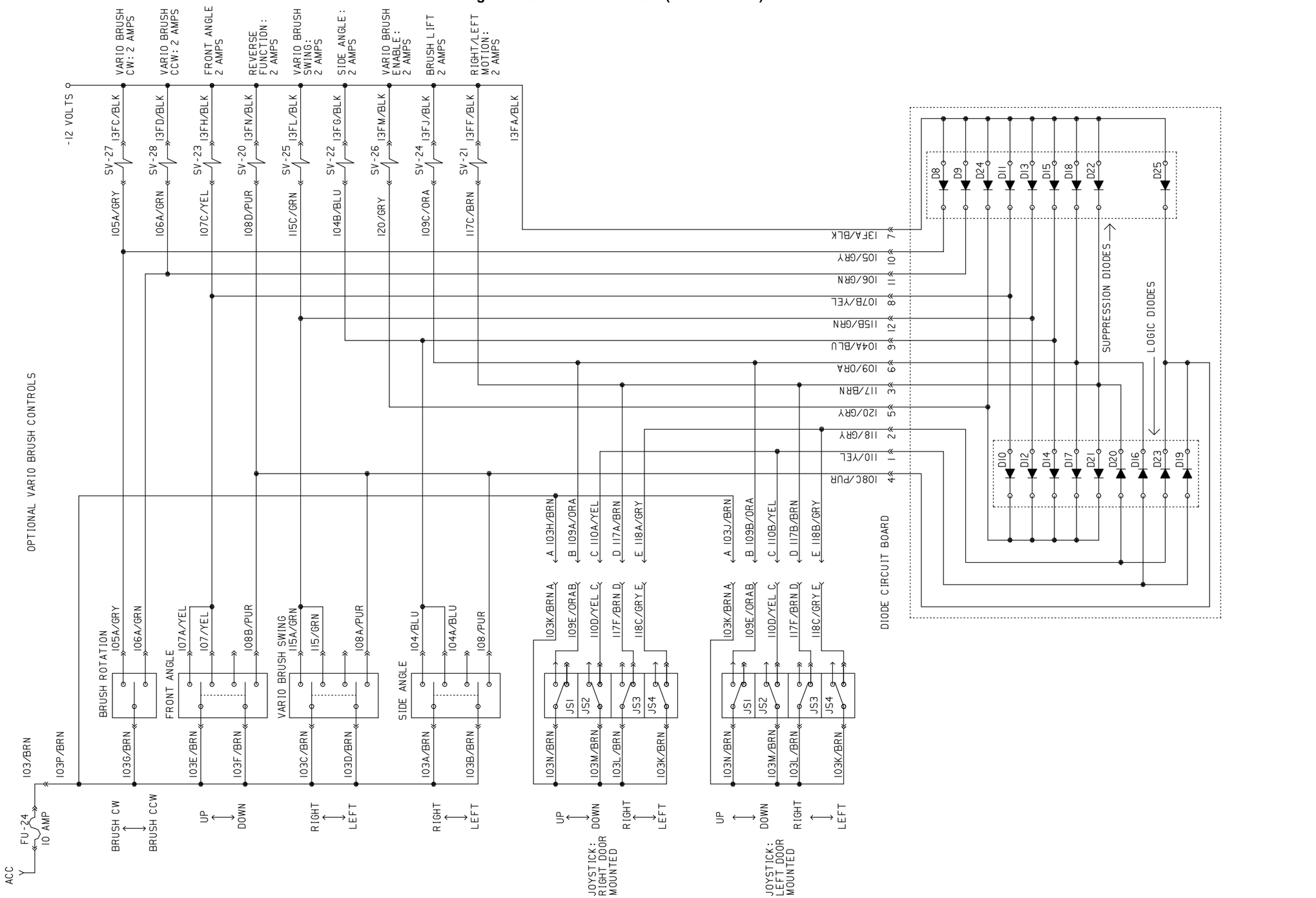

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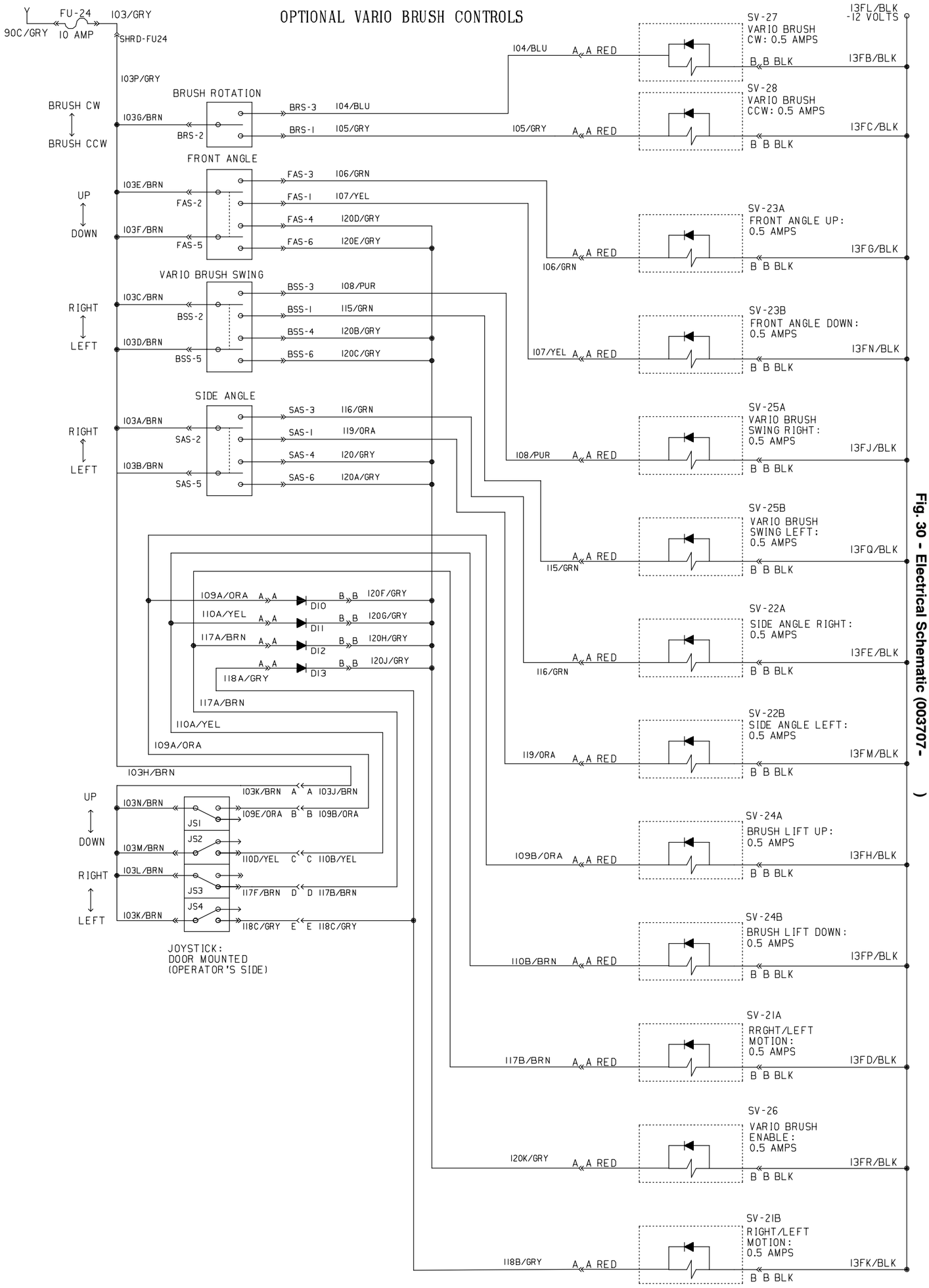
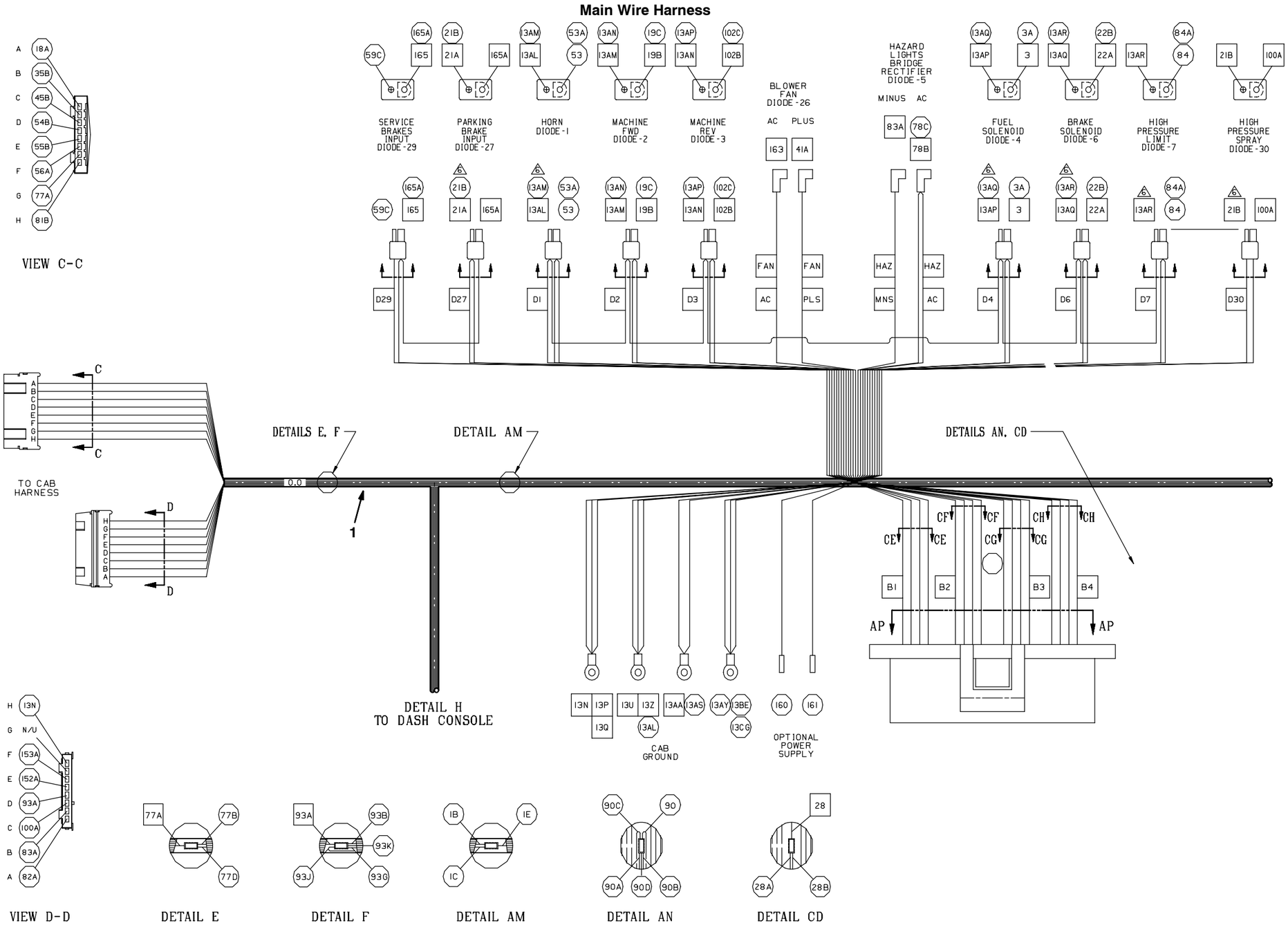


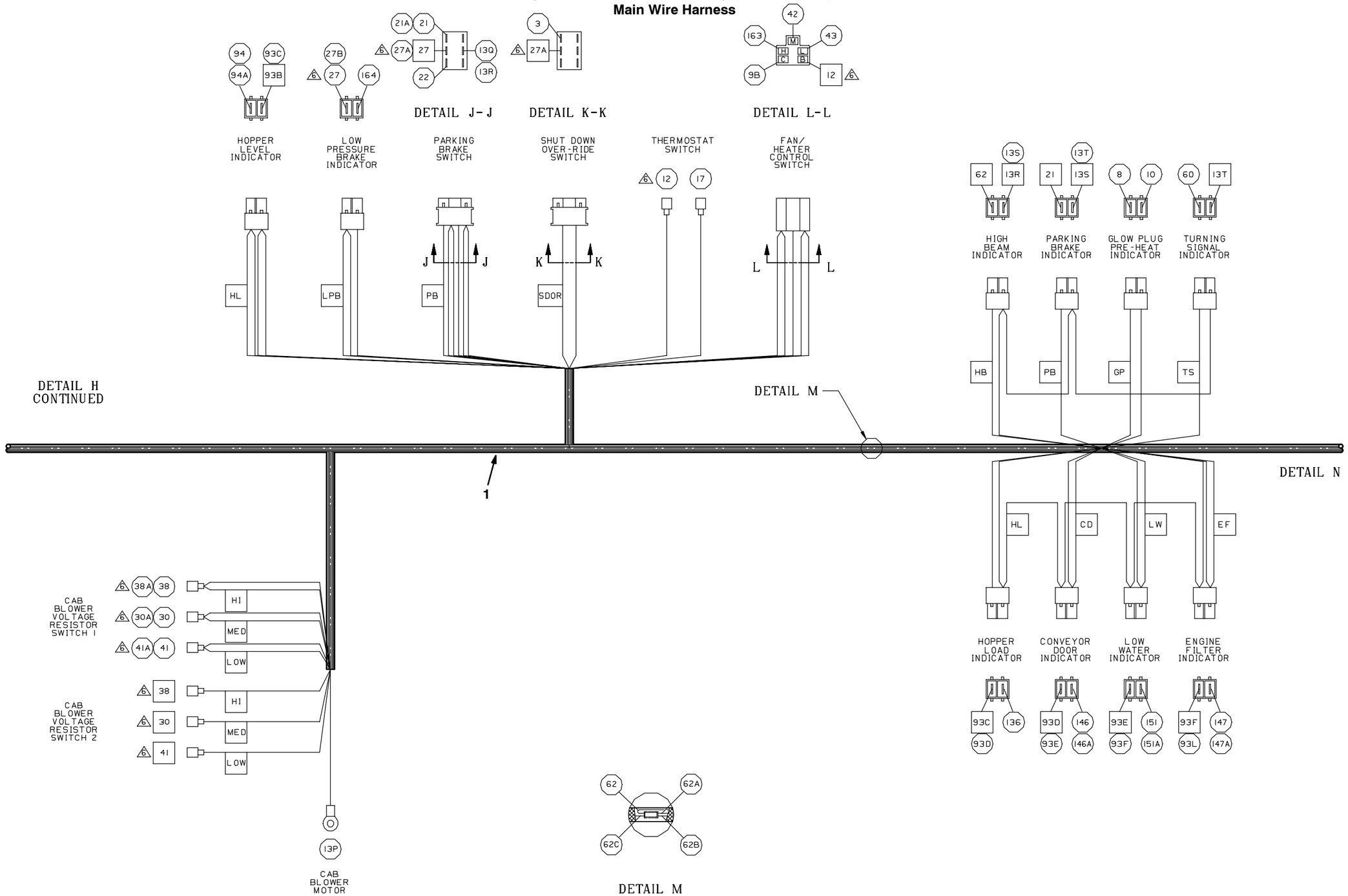
Fig. 30 - Electrical Schematic (003707-)

Fig. 31 - Wire Harnesses Group (003707-)



351975

Fig. 31 - Wire Harnesses Group (003707-)
Main Wire Harness



351975

Fig. 31 - Wire Harnesses Group (003707-)
Main Wire Harness

CONNECTOR WIRING			
CONN. B	SOC. NO.	CONN. A	SOC. NO.
O 39	1-L	X N/U	1-A
X N/U	1-M	O 91	1-B
O 137	1-N	X N/U	1-C
O 138	1-P	O 162	1-D
O 139	1-R	□ 13V	1-E
O 34	2-L	O 92	2-A
O 165	2-M	O 129	2-B
O 145	2-N	O 135	2-C
O 143	2-P	O 131	2-D
O 141	2-R	□ 13X	2-E
□ 151	3-L	O 154	3-A
□ 136	3-M	O 128	3-B
□ 147	3-N	O 130	3-C
O 144	3-P	O 132	3-D
O 142	3-R	O 133	3-E
X N/U	1-S	□ 13W	1-F
O 149	1-T	O 99	1-G
O 148	1-W	X N/U	1-H
O 13Z	1-X	O 127	1-J
O 95	1-Y	□ 152A	1-K
X N/U	2-S	O 96	2-F
O 140	2-T	O 97	2-G
O 37	2-W	O 101	2-H
□ 93L	2-X	O 126	2-J
□ 7	2-Y	□ 94	2-K
X N/U	3-S	O 134	3-F
□ 146	3-T	O 98	3-G
O 11	3-W	X N/U	3-H
□ 102	3-X	O 125	3-J
□ 19	3-Y	O 150	3-K
PLUGS-SEE ITEM #10 & #11			

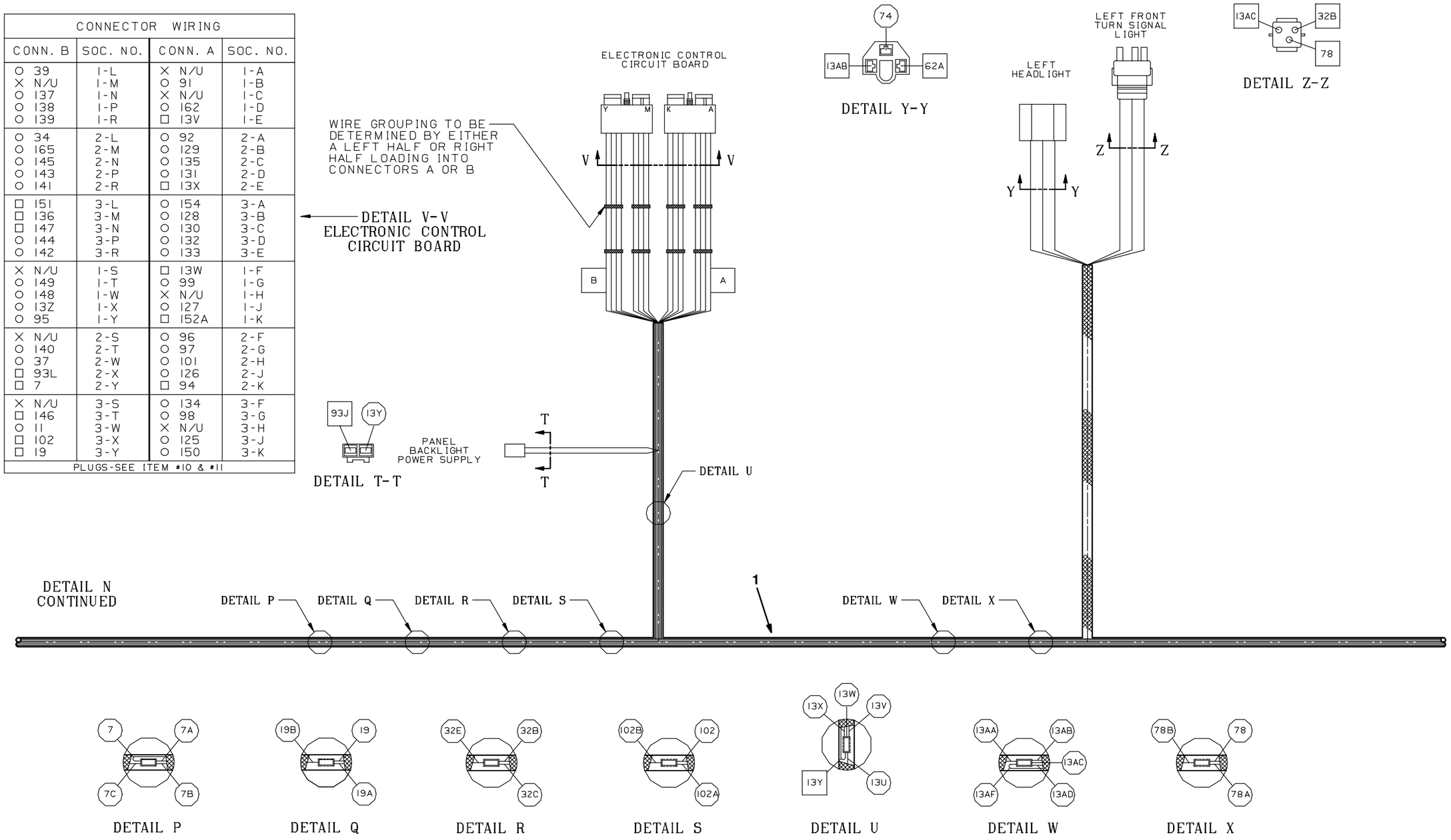


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Fig. 31 - Wire Harnesses Group (003707-)
Main Wire Harness

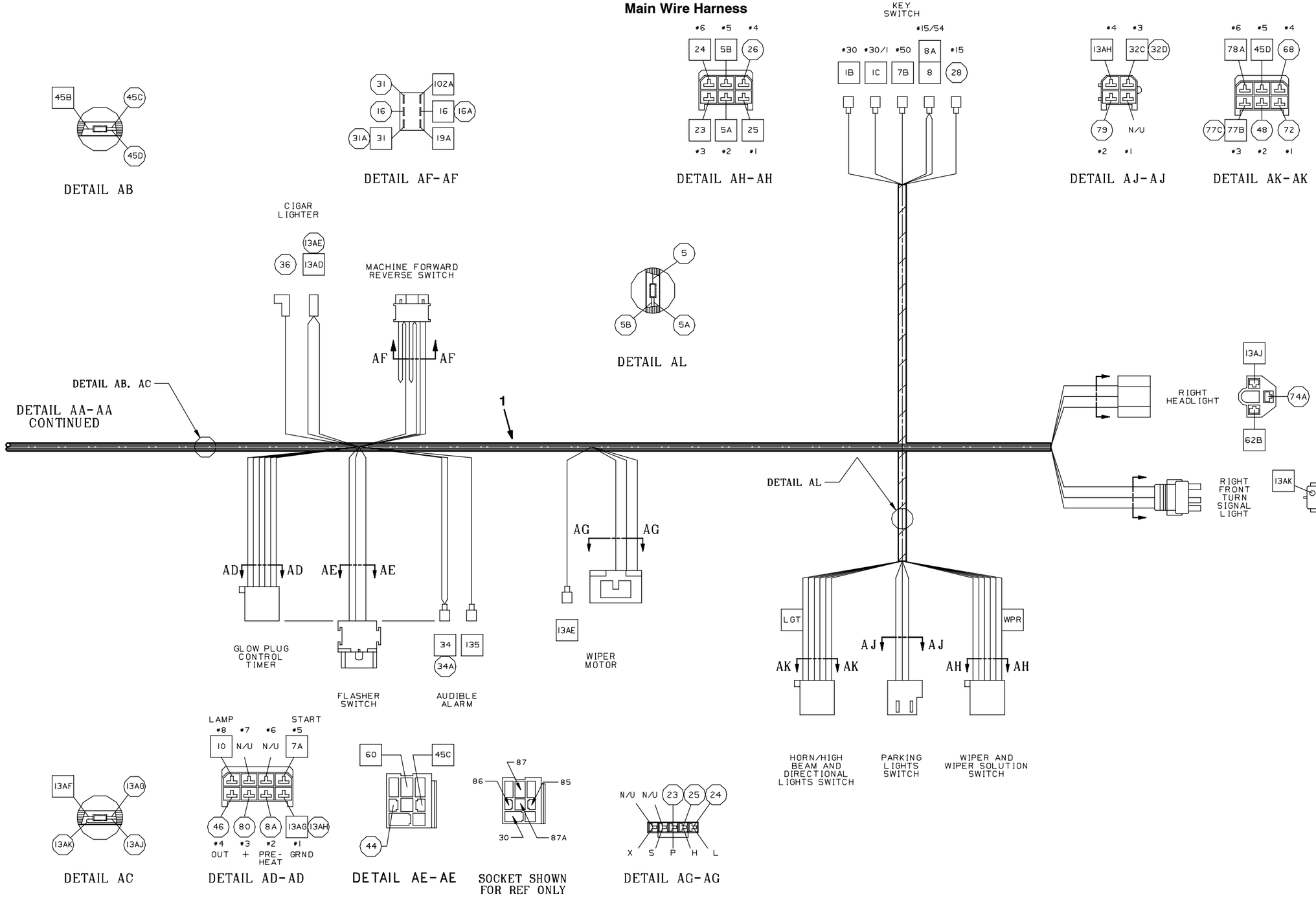

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Fig. 31 - Wire Harnesses Group (003707-)

Main Wire Harness

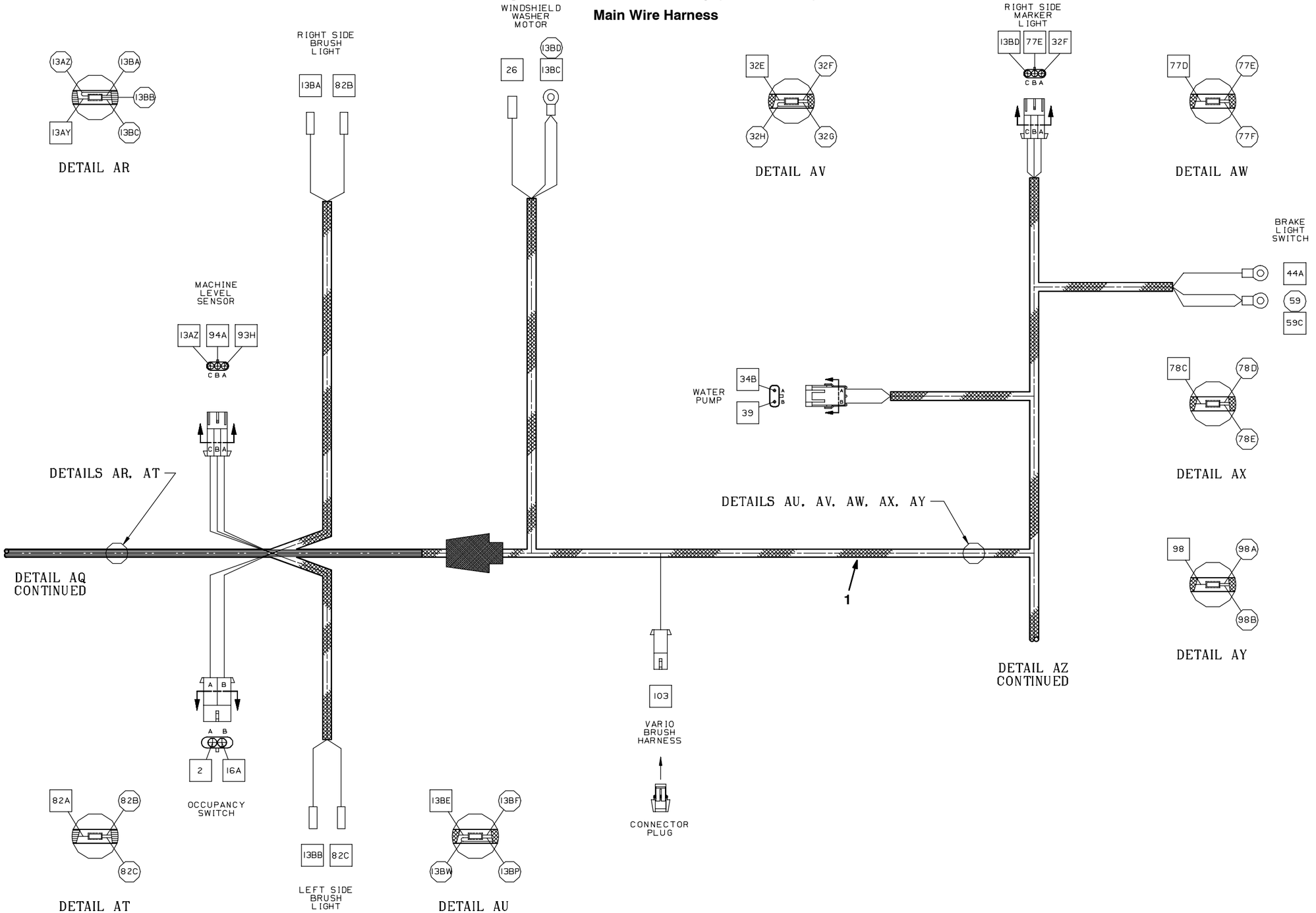

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Fig. 31 - Wire Harnesses Group (003707-)
Main Wire Harness

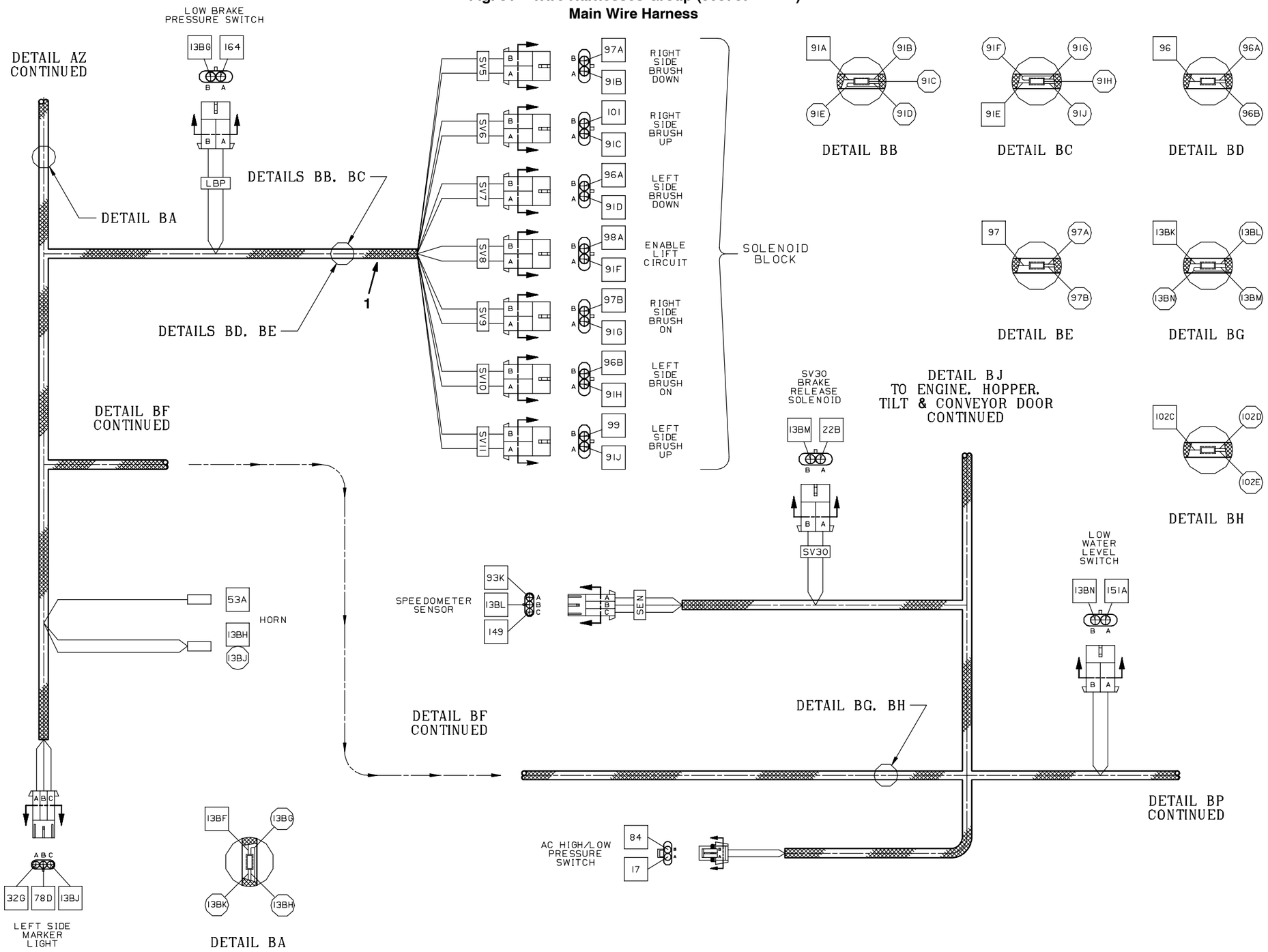

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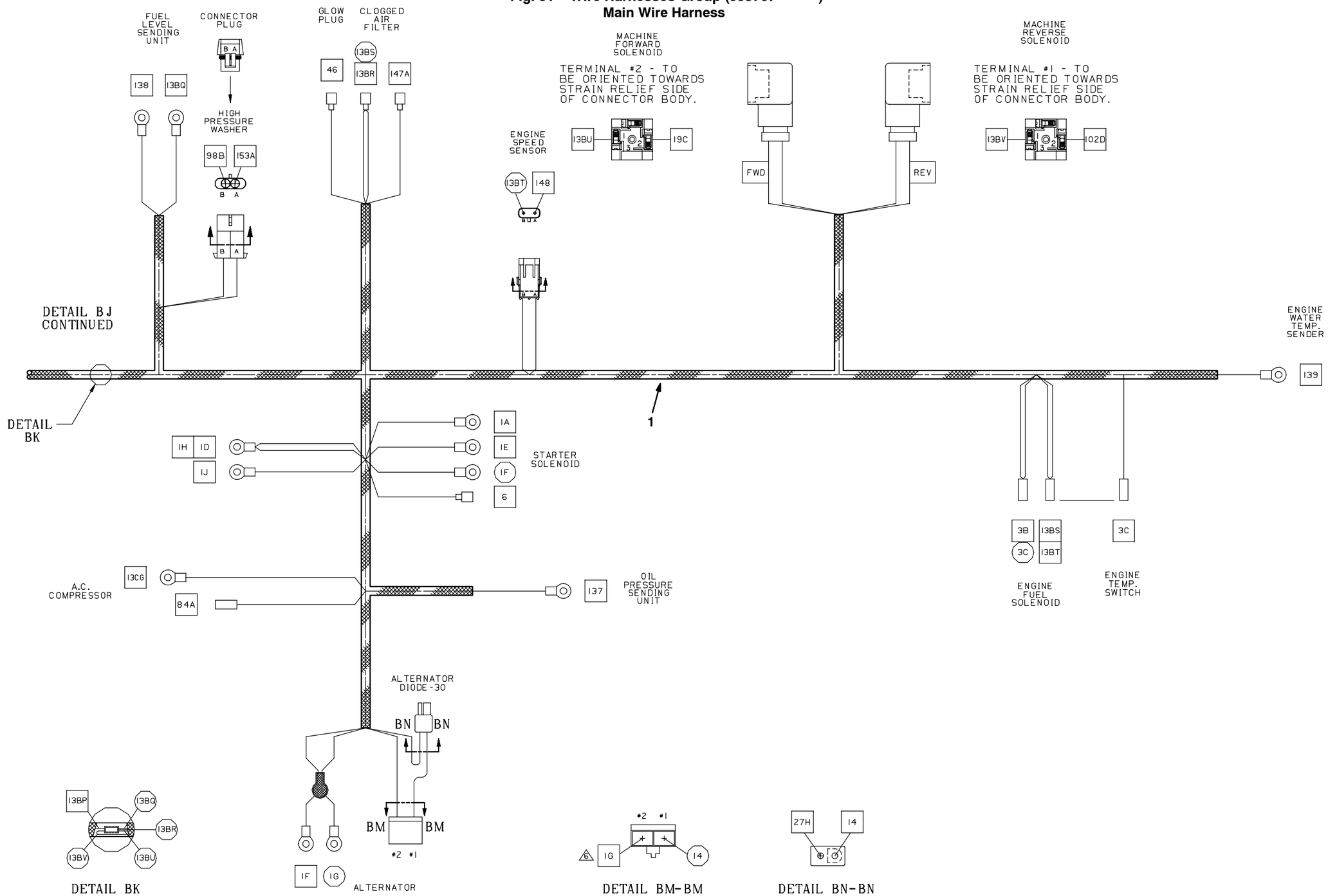
Fig. 31 - Wire Harnesses Group (003707-)
Main Wire Harness

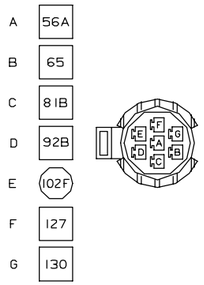


351975

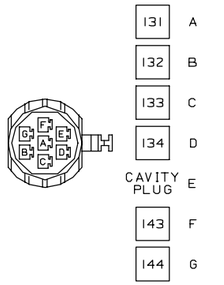
Fig. 31 - Wire Harnesses Group (003707-)

Main Wire Harness

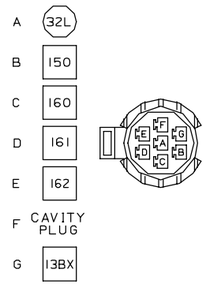
NOTE:
CONNECTORS - VIEWED FROM THE BACK, ARE ALPHABETICALLY MARKED AS SHOWN.



VIEW BS-BS

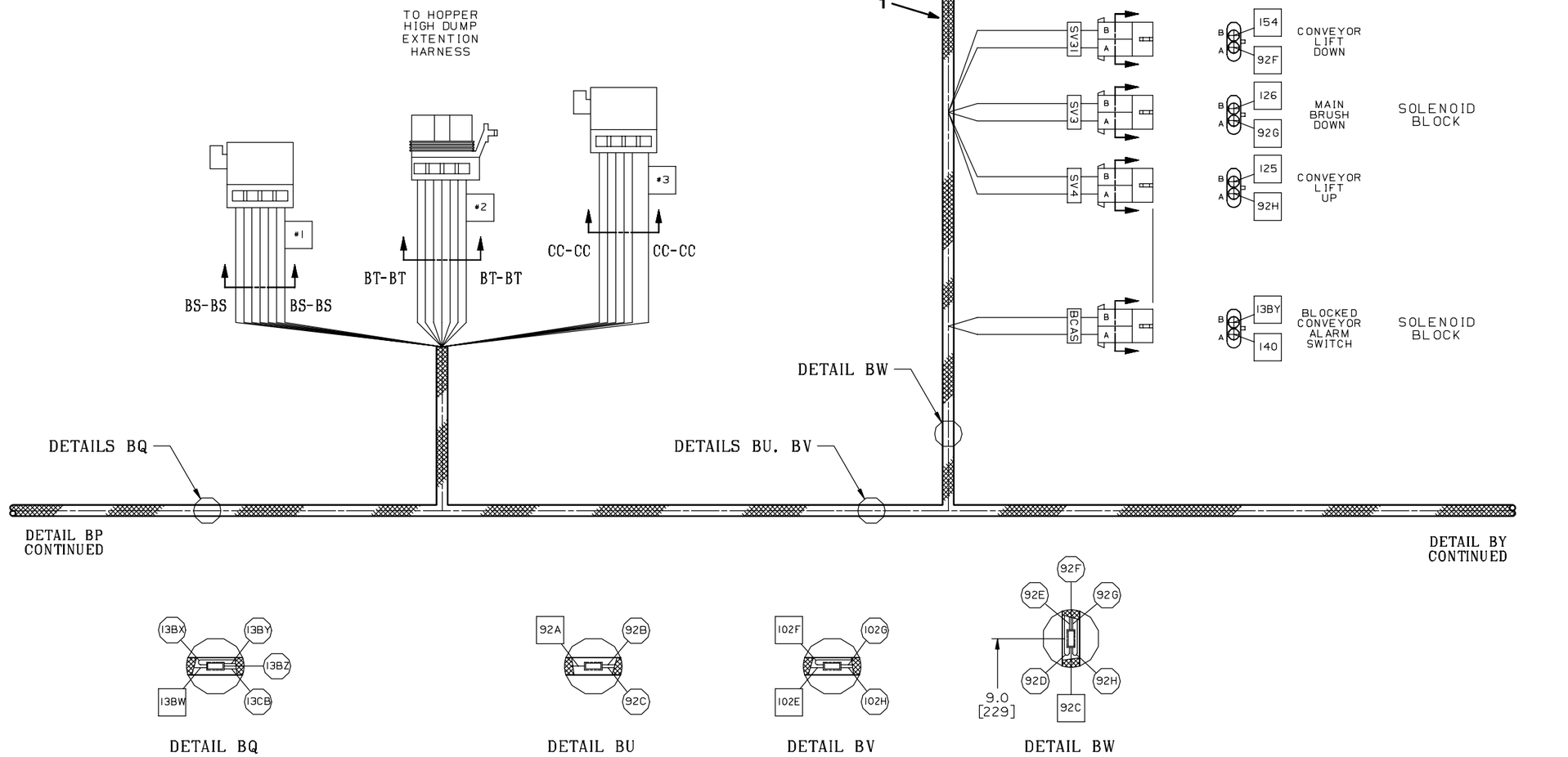


VIEW BT-BT



VIEW CC-CC

DETAIL BX CONTINUED



DETAIL BQ

DETAIL BU

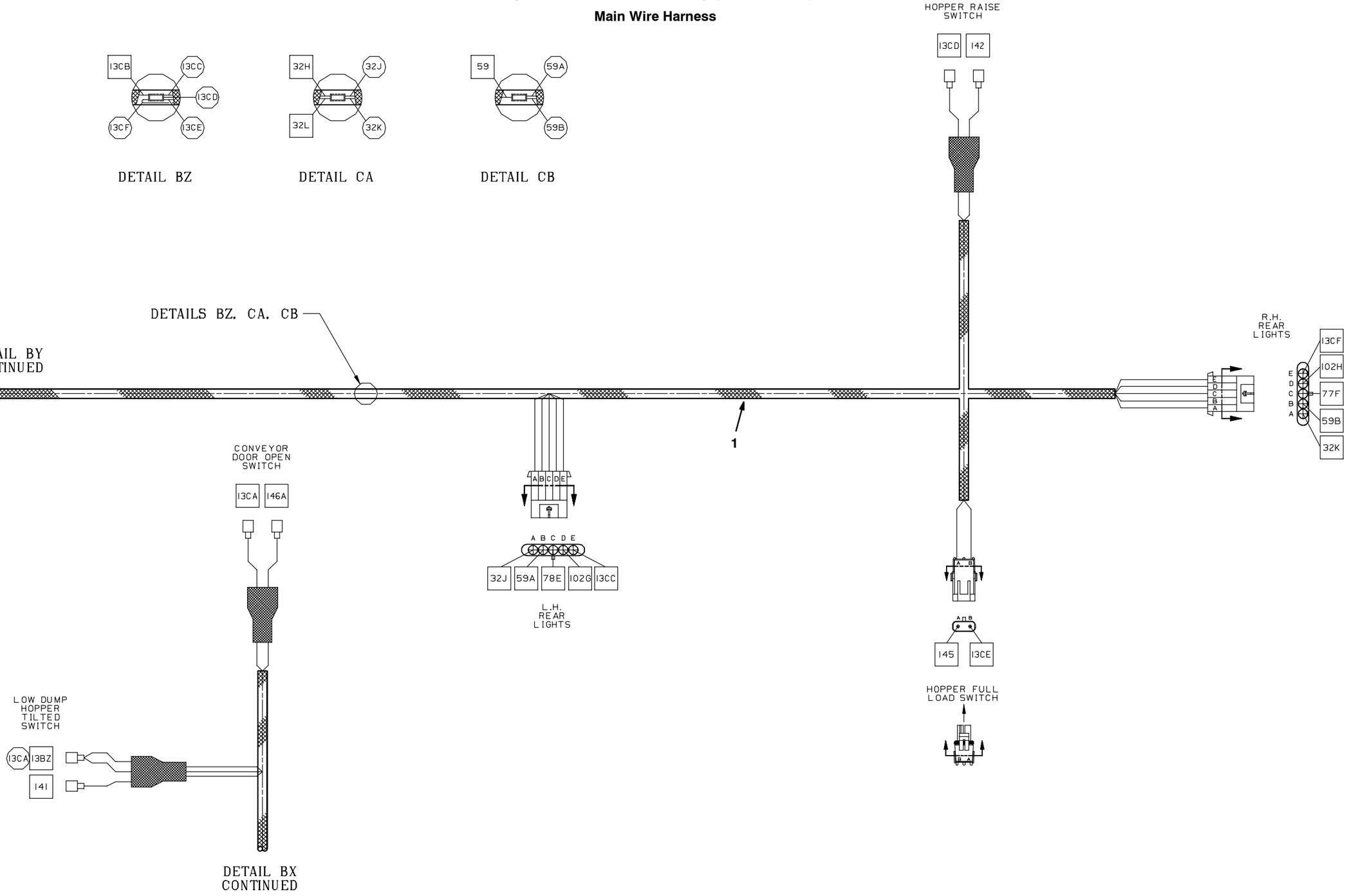
DETAIL BV

DETAIL BW

351975

Fig. 31 - Wire Harnesses Group (003707-)

Main Wire Harness

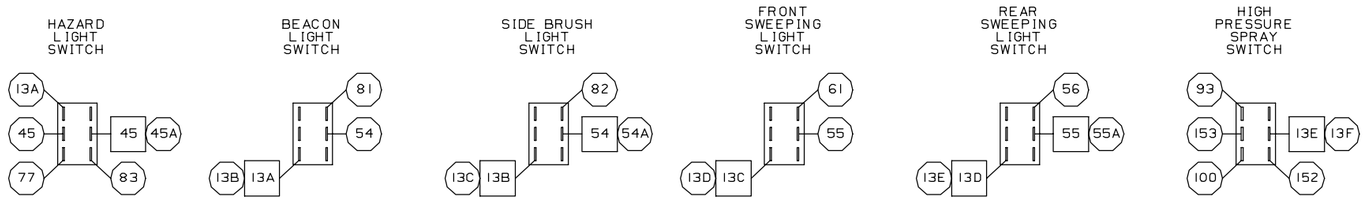


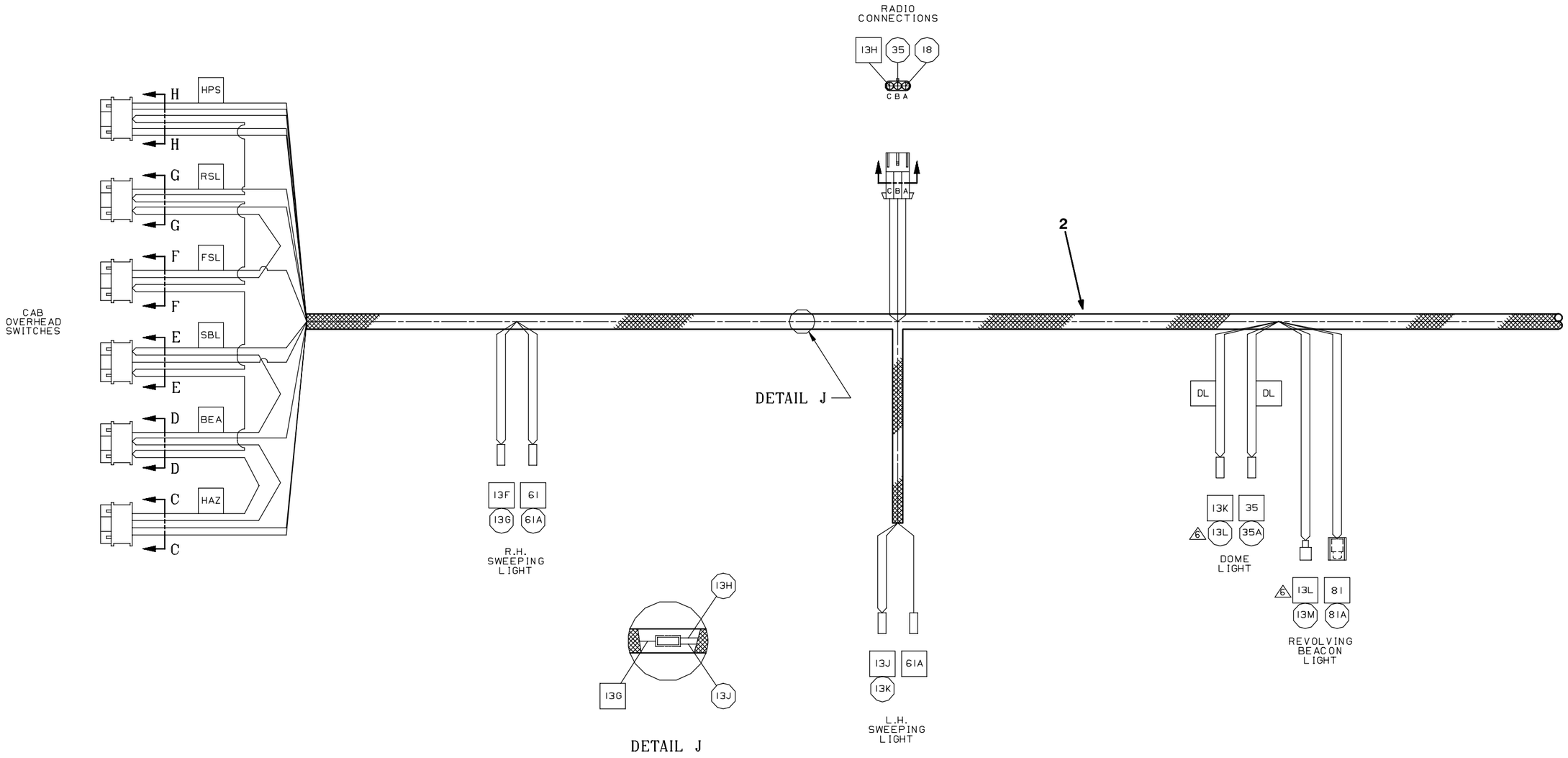
351975

Home Find... Go To..

Fig. 31 - Wire Harnesses Group (003707-)

Cab Wire Harness

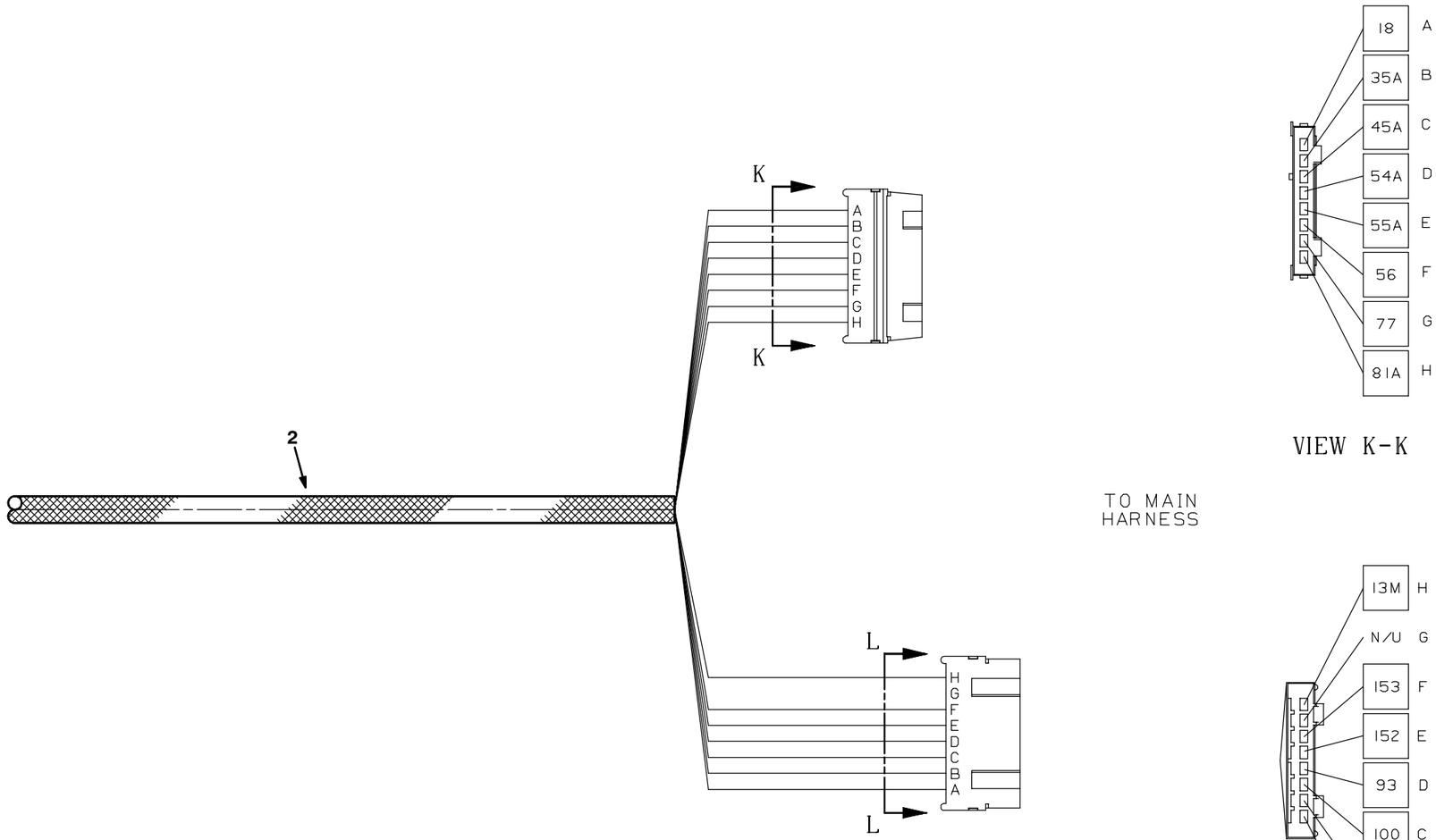




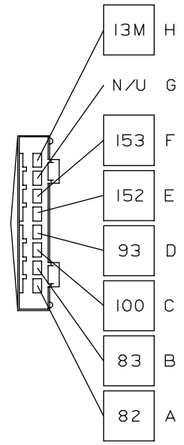
351976

Fig. 31 - Wire Harnesses Group (003707-)

Cab Wire Harness



VIEW K-K

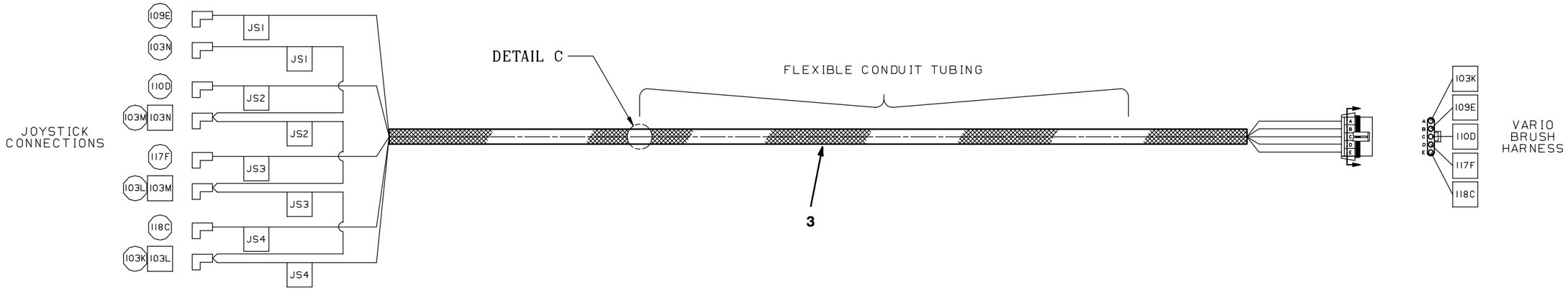


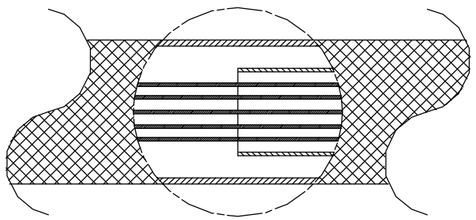
VIEW L-L

351976

Fig. 31 - Wire Harnesses Group (003707-)

Vario Brush Control Wire Harness (Optional)

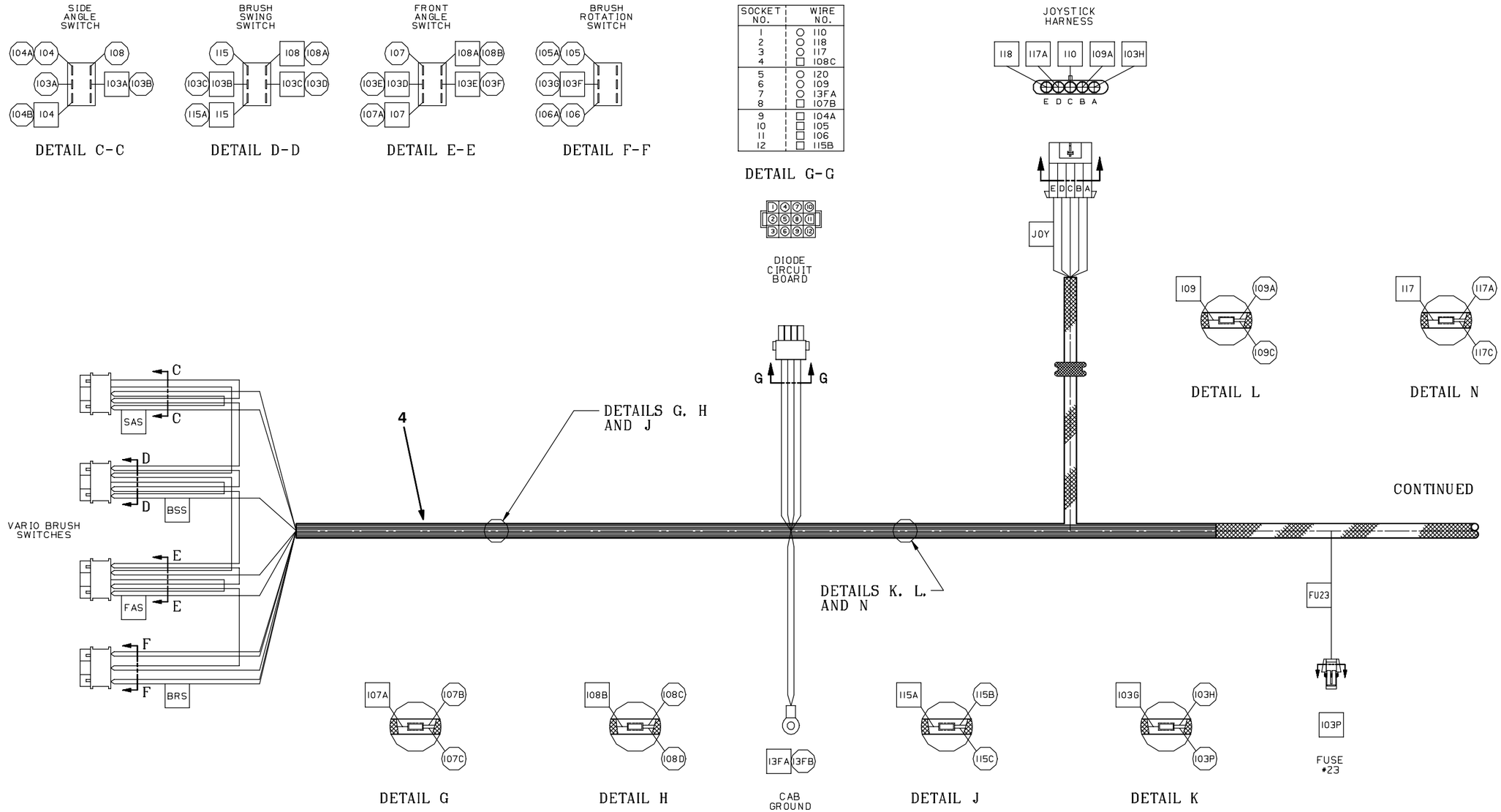




DETAIL C

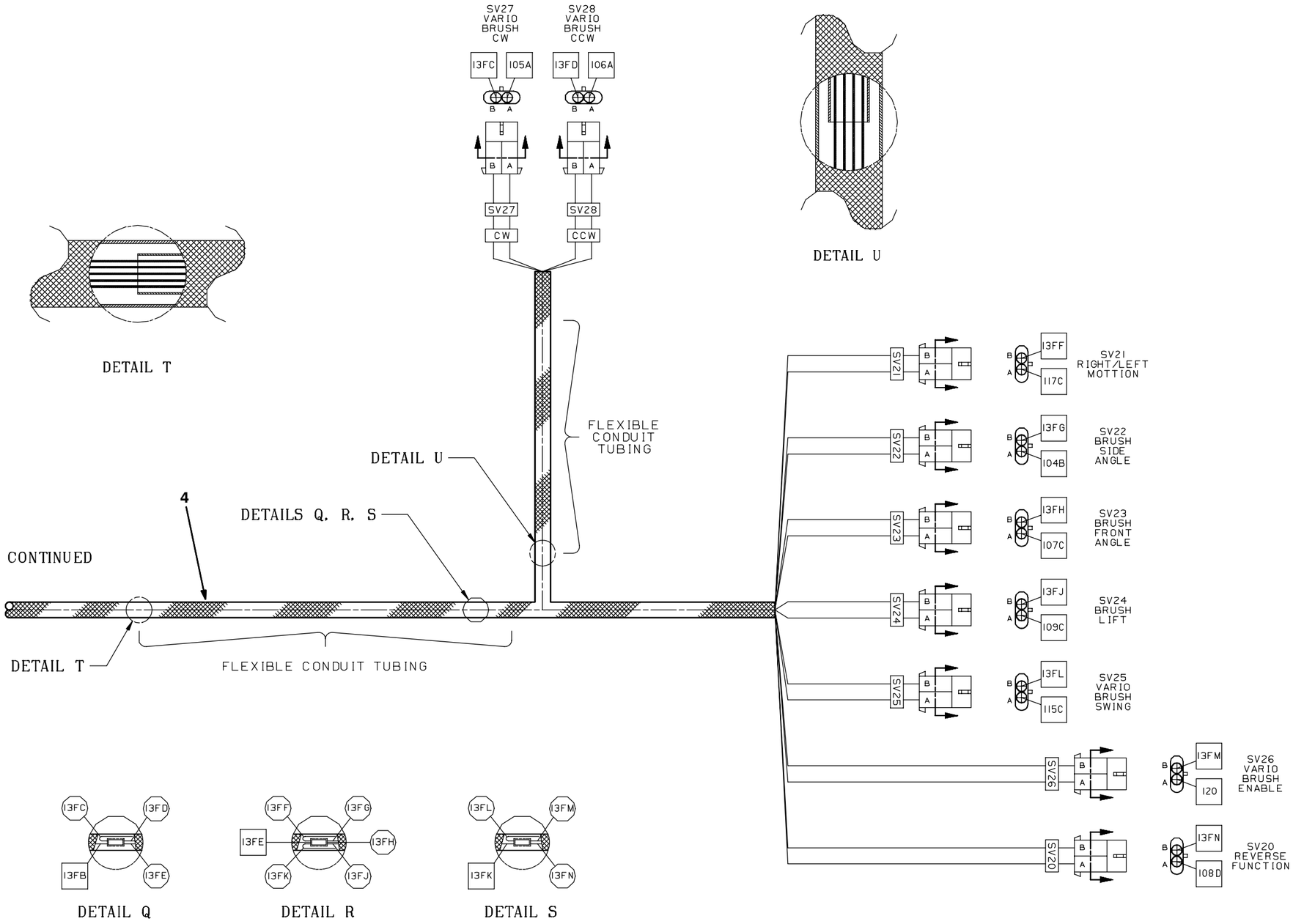
351977

Fig. 31 - Wire Harnesses Group (003707-)
Vario Brush Wire Harness (Optional)



351980

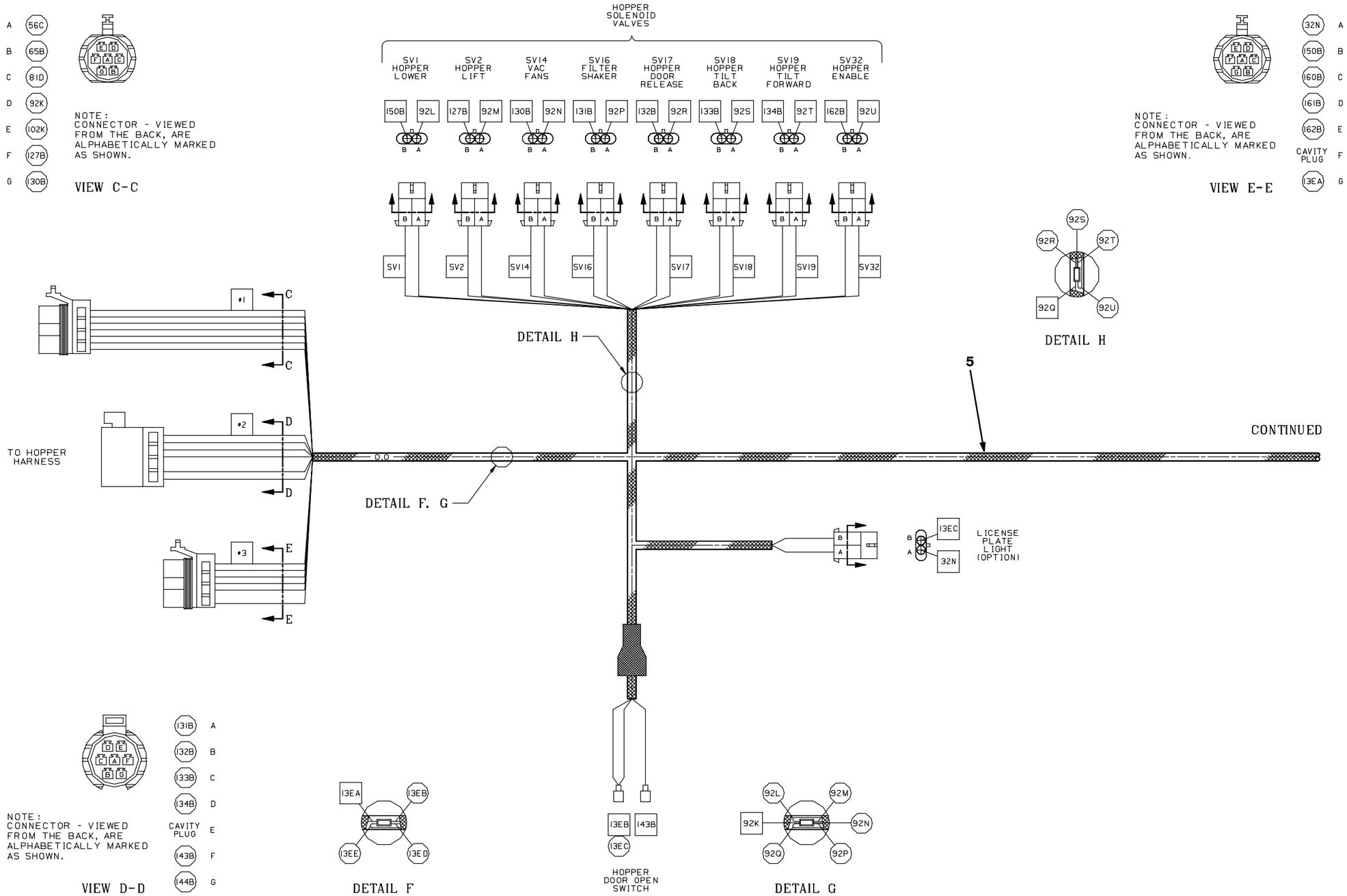
Fig. 31 - Wire Harnesses Group (003707-)
Vario Brush Wire Harness (Optional)



351980

Fig. 31 - Wire Harnesses Group (003707-)

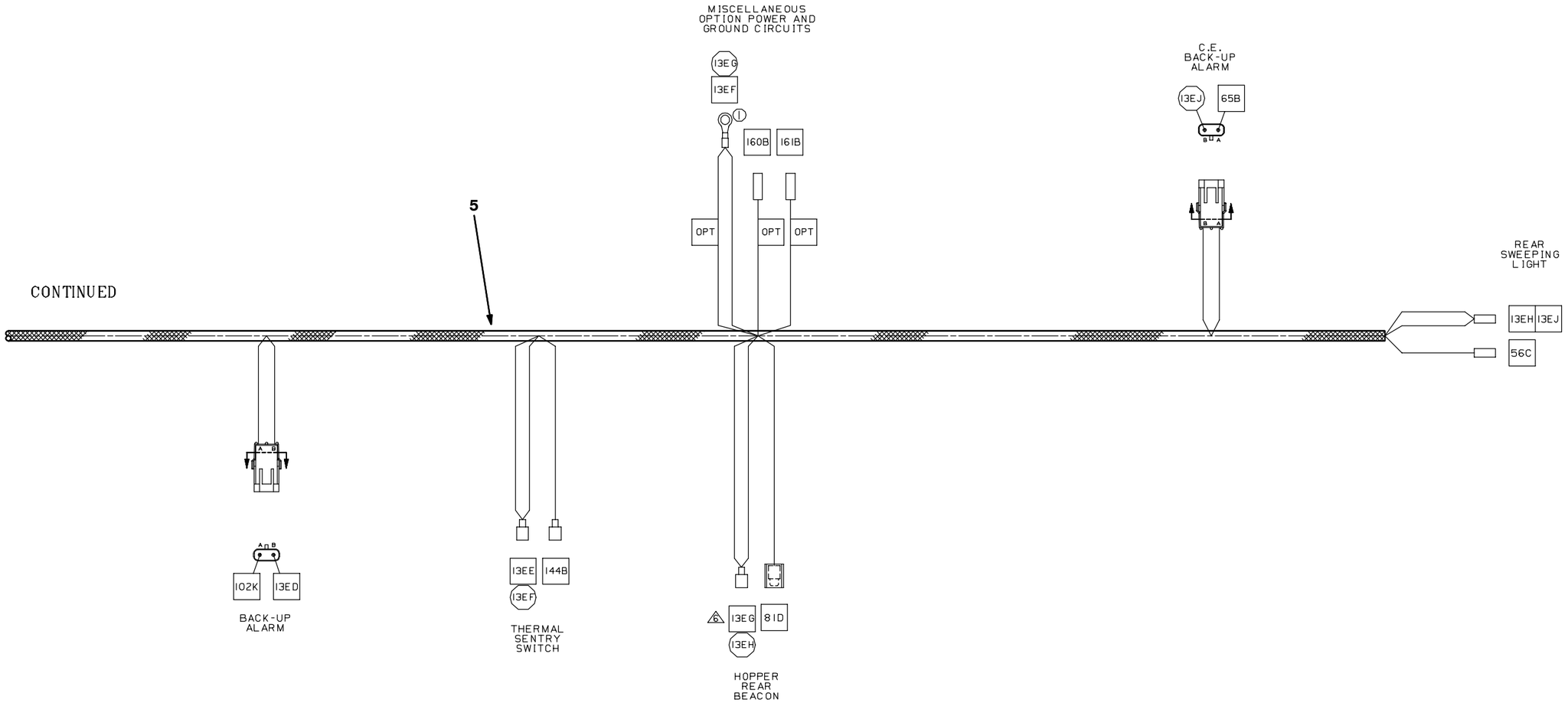
Hopper Lift Wire Harness (Optional)



351978

Fig. 31 - Wire Harnesses Group (003707-)

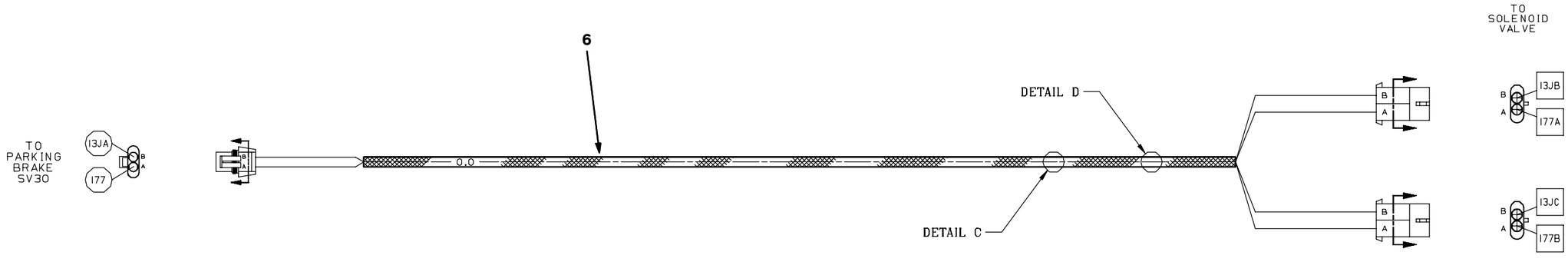
Hopper Wire Harness

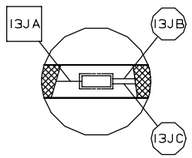


351978

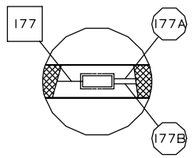
Fig. 31 - Wire Harnesses Group (003707-)

Parking Brake Jumper Wire Harness





DETAIL C



DETAIL D

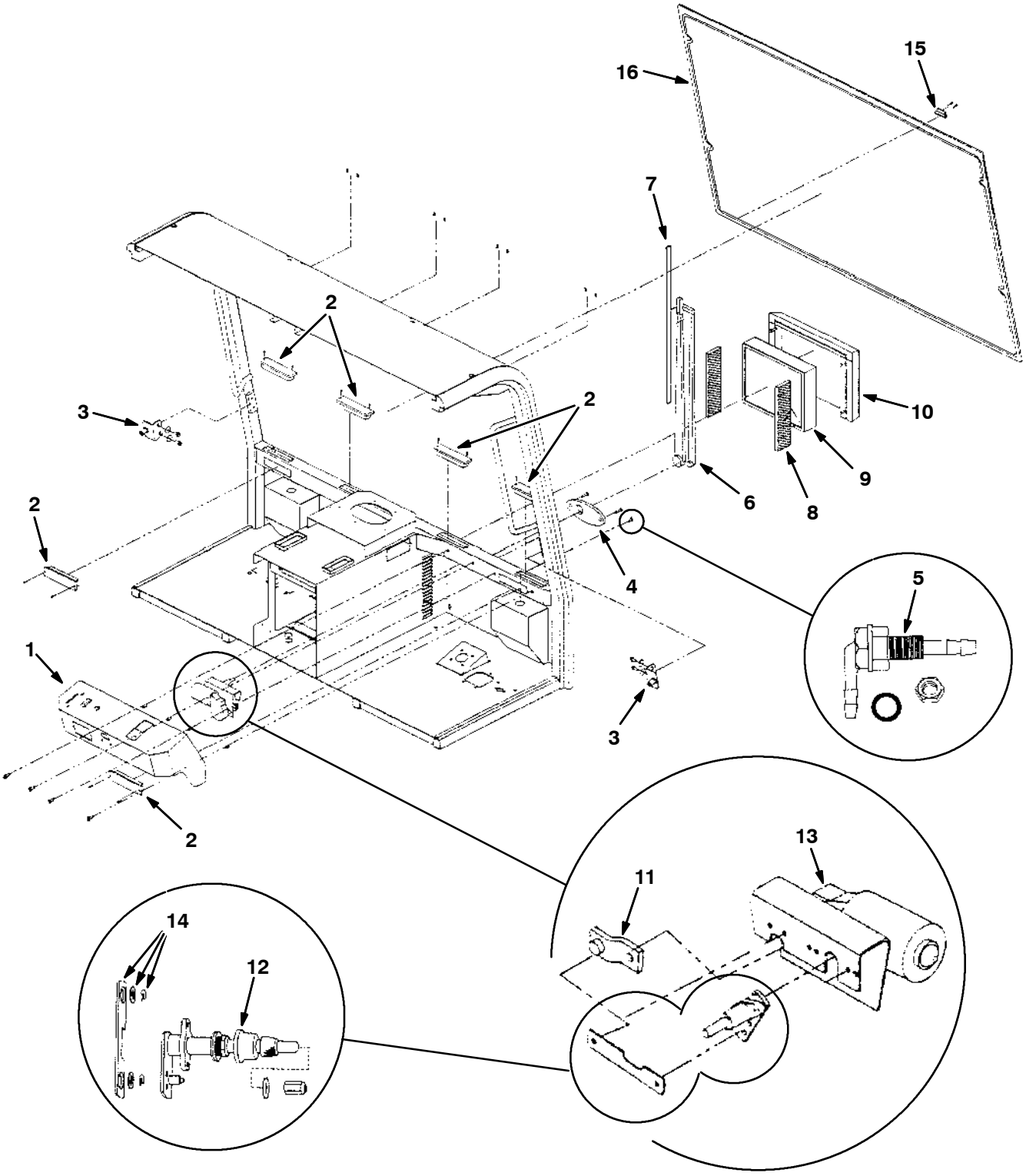
351979

351974

Fig. 31 - Wire Harnesses Group (003707-)

Ref.	TENNANT Part No.	Machine Serial Number	Description	Qty.
1	768560	(003707-)	Harness, Main, Wire	1
2	768561	(003707-)	Harness, Cab, Wire	1
3	768562	(003707-)	Harness, Vario Brush Control, Wire	1
4	768566	(003707-)	Harness, Vario Brush, Wire	1
5	768575	(003707-)	Harness, Hopper W/HD	1
6	768888	(003707-)	Harness, Jumper, Parking Brake	1

Fig. 32 - Front Cab Group

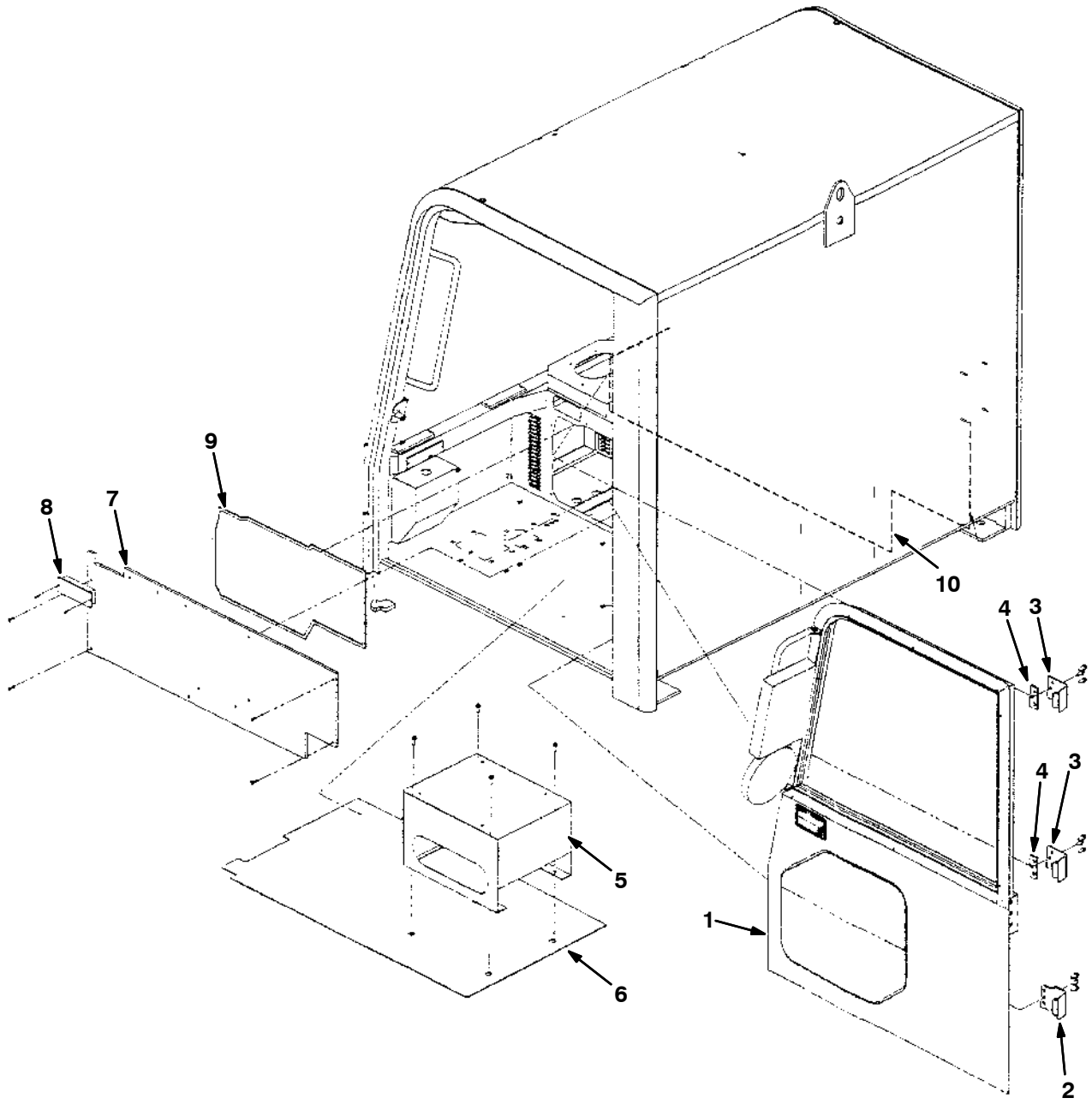


351994

Fig. 32 - Front Cab Group

Ref.	TENNANT Part No.	Machine Serial Number	Description	Qty.
1	768444	(000000–)	Wldt, Steer Console	1
2	769617	(000000–)	Louver, Spindle Nozz	6
3	769637	(000000–)	Weldt, Mount, Strike	2
4	769610	(000000–)	Pantograph Adapter Kit	1
5	761872	(000000–)	Bulkhead Fitting	1
6	769615	(000000–)	Arm, Wiper, Paneo	1
7	769609	(000000–)	Blade, Wiper, 28” Bl	1
8	769631	(000000–)	Foam, Filter, Recirc	2
9	769657	(000000–)	Air Filter, Pleated	1
10	769659	(000000–)	Assy, Filter Cover	1
11	769601	(000000–)	Drive Arm	1
12	769616	(000000–)	Pivot Shaft, Wiper	1
13	761867	(000000–)	Motor, Ele, Wiper	1
14	769071	(000000–)	Kit, Link, Connecting	1
15	769620	(000000–)	Window Clip, Glued-I	3
16	769630	(000000–)	Window, Front	1

Fig. 33 - Left Cab Group

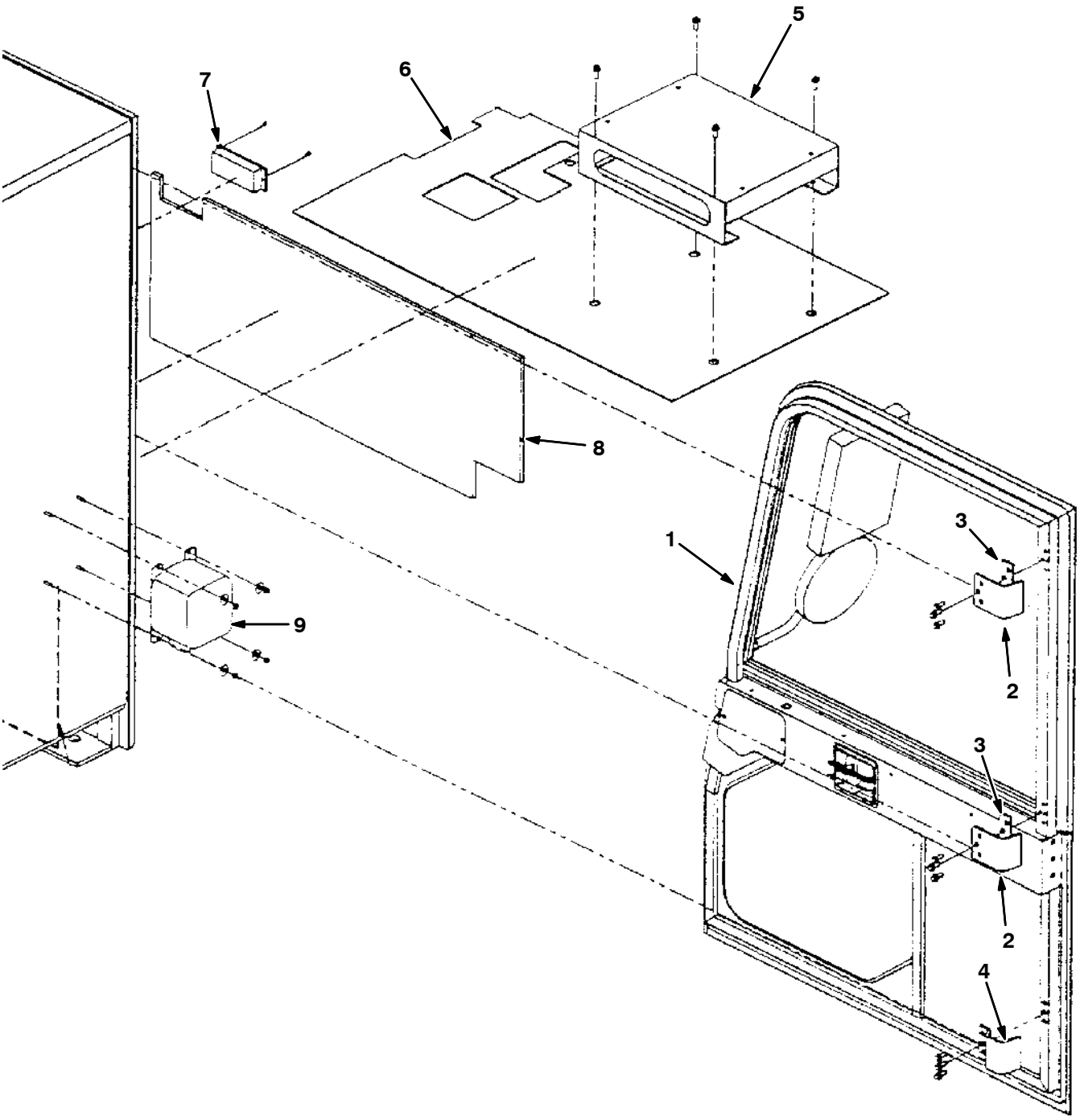


351939

Fig. 33 - Left Cab Group

Ref.	TENNANT Part No.	Machine Serial Number	Description	Qty.
1	769627	(000000–)	Assy, Door, Lh	1
2	769632	(000000–)	Weldt, Lower Hinge	1
3	769635	(000000–)	Weldt, Upper Hinge	2
4	769638	(000000–)	Spacer, Door, Upper	2
5	768448	(000000–)	Wldt, Seat Pedestal	1
6	769654	(000000–)	Floor Mat, Lh Side	1
7	769658	(000000–)	Assy, Console Cover,	1
8	769618	(000000–)	Louver, 49Mmx121Mm B	1
9	769619	(000000–)	Bulb Seal, ”D”	1
10	769602	(000000–)	Hose,Washer .156X.34	1

Fig. 34 - Right Cab Group

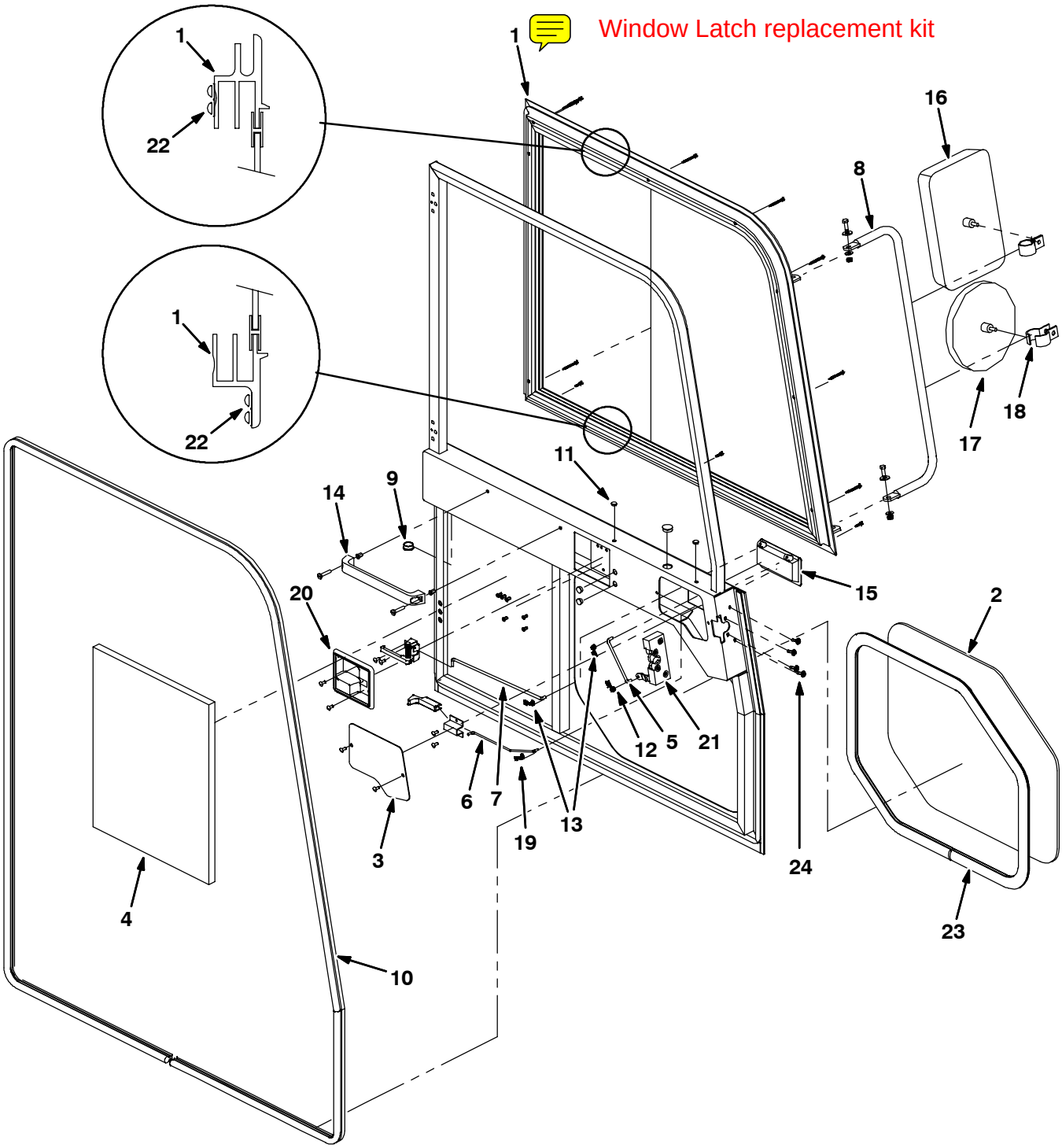


351941

Fig. 34 - Right Cab Group

Ref.	TENNANT Part No.	Machine Serial Number	Description	Qty.
1	769628	(000000–)	Assy, Door, Rh	1
2	769660	(000000–)	Wldt, Upper Hinge, R	2
3	769638	(000000–)	Spacer, Door, Upper	2
4	769661	(000000–)	Wldt, Lower Hinge, R	1
5	768447	(000000–)	Support, Seat, Drive	1
6	769655	(000000–)	Floor Mat, Rh Side	1
7	769618	(000000–)	Louver, 49Mmx121Mm B	1
8	769645	(000000–)	Foam, Ctr Console, R	1
9	761893	(000000–)	Bottle, Washer Fluid W/Pump	1

Fig. 35 - Left Cab Door Group

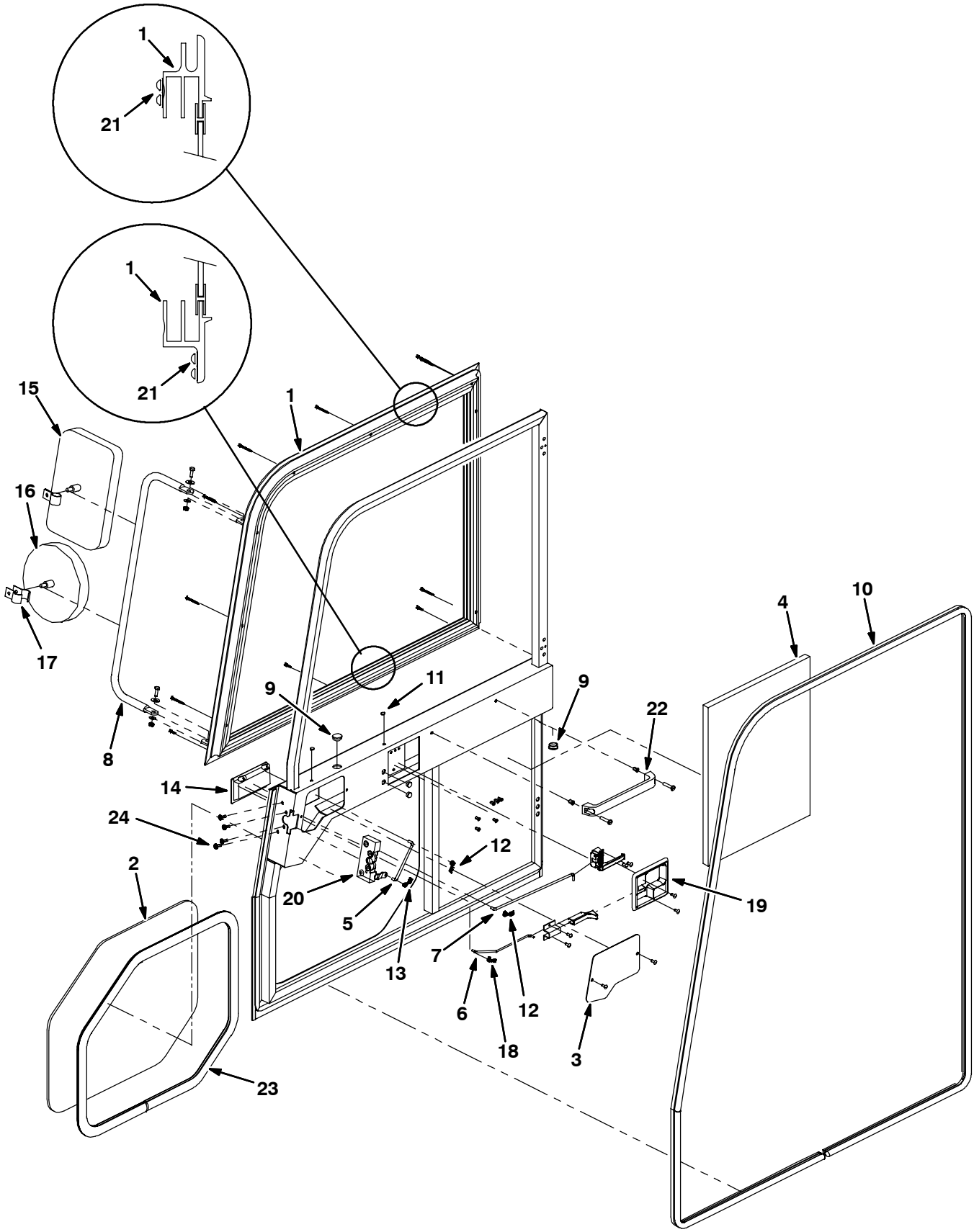


351984

Fig. 35 - Left Cab Door Group

	Ref.	TENNANT Part No.	Machine Number	Serial	Description	Qty.
	1	769633	(000000-	)	Window, Sliding, Lh	1
	2	769636	(000000-	)	Window, Lower Door	1
	3	769639	(000000-	)	Plate, Latch Cover	1
	4	769644	(000000-	)	Foam, Lower Door, Ps	1
	5	769646	(000000-	)	Rod, Cam Latch Relea	1
	6	769647	(000000-	)	Rod, Cam Latch Relea	1
	7	769649	(000000-	)	Rod, Inside Release	1
	8	769653	(000000-	)	Tube, Mirror	1
	9	769603	(000000-	)	Hose Plug, .8750 Hol	2
	10	761981	(000000-	)	Seal, Bulb, 90 Deg.	1
	11	769604	(000000-	)	Hole Plug, .313 Hole	2
	12	769605	(000000-	)	Clip-Rod, End Retain	1
	13	769606	(000000-	)	Clip-Rod, End Retain	2
	14	768456	(000000-	)	Grab Handle, Diecast	1
▽	15	761910	(000000-	)	Latch, Pddl Rh W/Key	1
▲		761958	(000000-	)	Key	1
	16	761914	(000000-	)	Mirror, Convex	1
	17	68445	(000000-	)	Mirror, Convex, Round	1
	18	761915	(000000-	)	Clamp, Dovetail	1
	19	769611	(000000-	)	Clip-Rod, End Retain	1
	20	769612	(000000-	)	Inside Rel W/Bezel	1
	21	769614	(000000-	)	Cam Latch, Rh, Offse	1
	22	769619	(000000-	)	Bulb Seal, "D"	1
	23	761909	(000000-	)	Rubber, Window	1
	24	39236	(000000-	)	Screw, Pan, .25-20 X 1.00, Ss	4

Fig. 36 - Right Cab Door Group

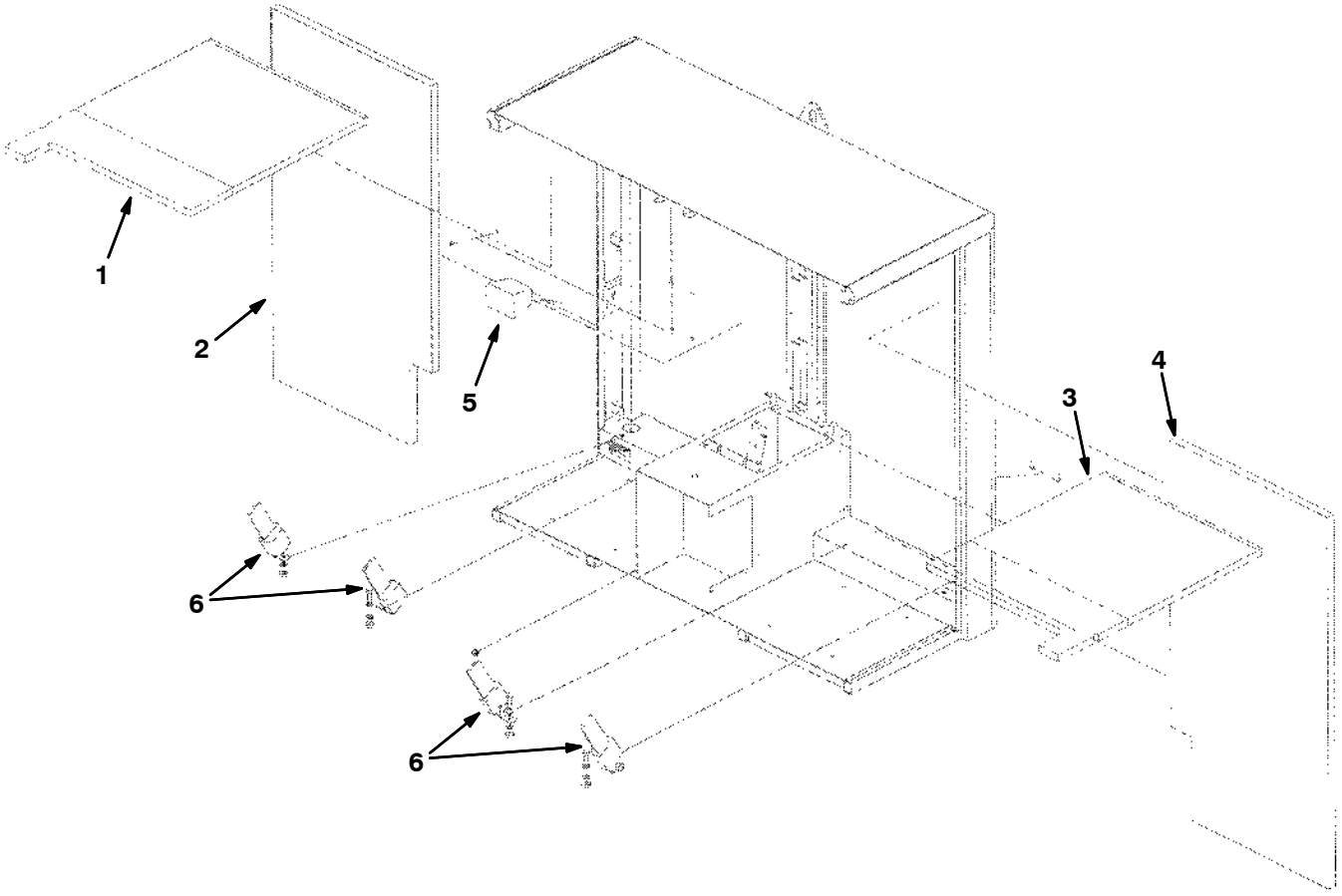


351986

Fig. 36 - Right Cab Door Group

	Ref.	TENNANT Part No.	Machine Number	Serial	Description	Qty.
	1	769634	(000000-	)	Window, Sliding, Rh	1
	2	769636	(000000-	)	Window, Lower Door	1
	3	769639	(000000-	)	Plate, Latch Cover	1
	4	769644	(000000-	)	Foam, Lower Door, Ps	1
	5	769646	(000000-	)	Rod, Cam Latch Relea	1
	6	769648	(000000-	)	Rod, Lock, Rh	1
	7	769650	(000000-	)	Rod, Inside Release	1
	8	769653	(000000-	)	Tube, Mirror	1
	9	769603	(000000-	)	Hose Plug, .8750 Hol	2
	10	761981	(000000-	)	Seal, Bulb, 90 Deg.	1
	11	769604	(000000-	)	Hole Plug, .313 Hole	2
	12	769605	(000000-	)	Clip-Rod, End Retain	2
	13	769606	(000000-	)	Clip-Rod, End Retain	1
▽	14	761922	(000000-	)	Latch, Pddl, Lh W/Key	1
▲		761958	(000000-	)	Key	1
	15	761914	(000000-	)	Mirror, Convex	1
	16	68445	(000000-	)	Mirror, Convex, Round	1
	17	761915	(000000-	)	Clamp, Dovetail	1
	18	769664	(000000-	)	Clip-Rod, End Retain	1
	19	769621	(000000-	)	Inside Release, W/Be	1
	20	769623	(000000-	)	Cam Latch, Offset Le	1
	21	769619	(000000-	)	Bulb Seal, "D"	1
	22	768456	(000000-	)	Grab Handle, Diecast	1
	23	761909	(000000-	)	Rubber, Window	1
	24	39236	(000000-	)	Screw, Pan, .25-20 X 1.00, Ss	4

Fig. 37 - Cab Insulation and Seat Belt Group

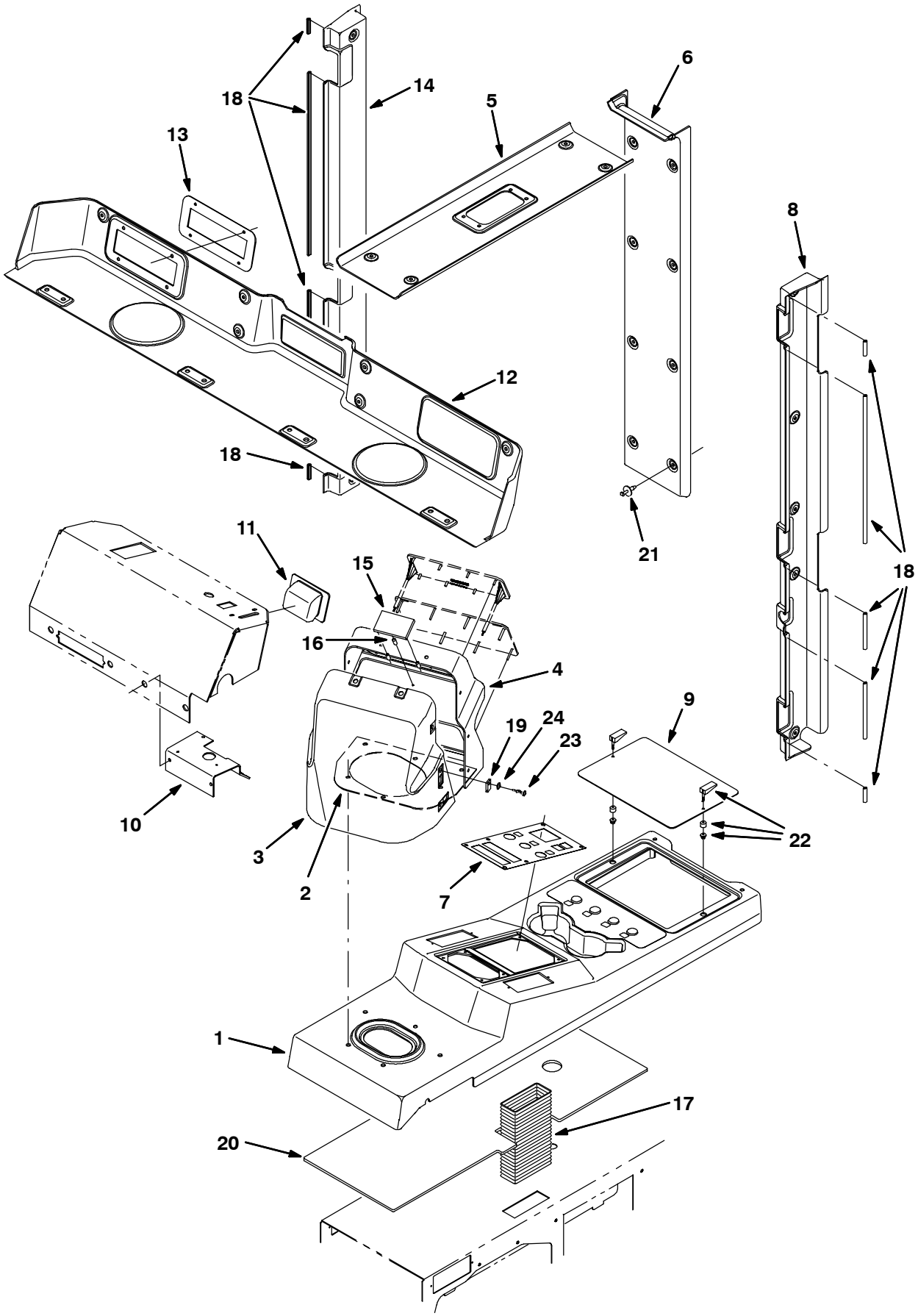


351937

Fig. 37 - Cab Insulation and Seat Belt Group

Ref.	TENNANT Part No.	Machine Serial Number	Description	Qty.
1	769643	(000000-)	Foam, Headliner, Rh	1
2	769641	(000000-)	Foam,Rr Panel,Rh W/B	1
3	769642	(000000-)	Foam, Headliner, Lh	1
4	769640	(000000-)	Foam,Rr Panel,Lh W/B	1
5	768591	(000000-)	Lamp, Flood, Side Brush	1
6	769613	(000000-)	Seat Belt, Blk, Retr	2

Fig. 38 - Cab Console and Covers Group

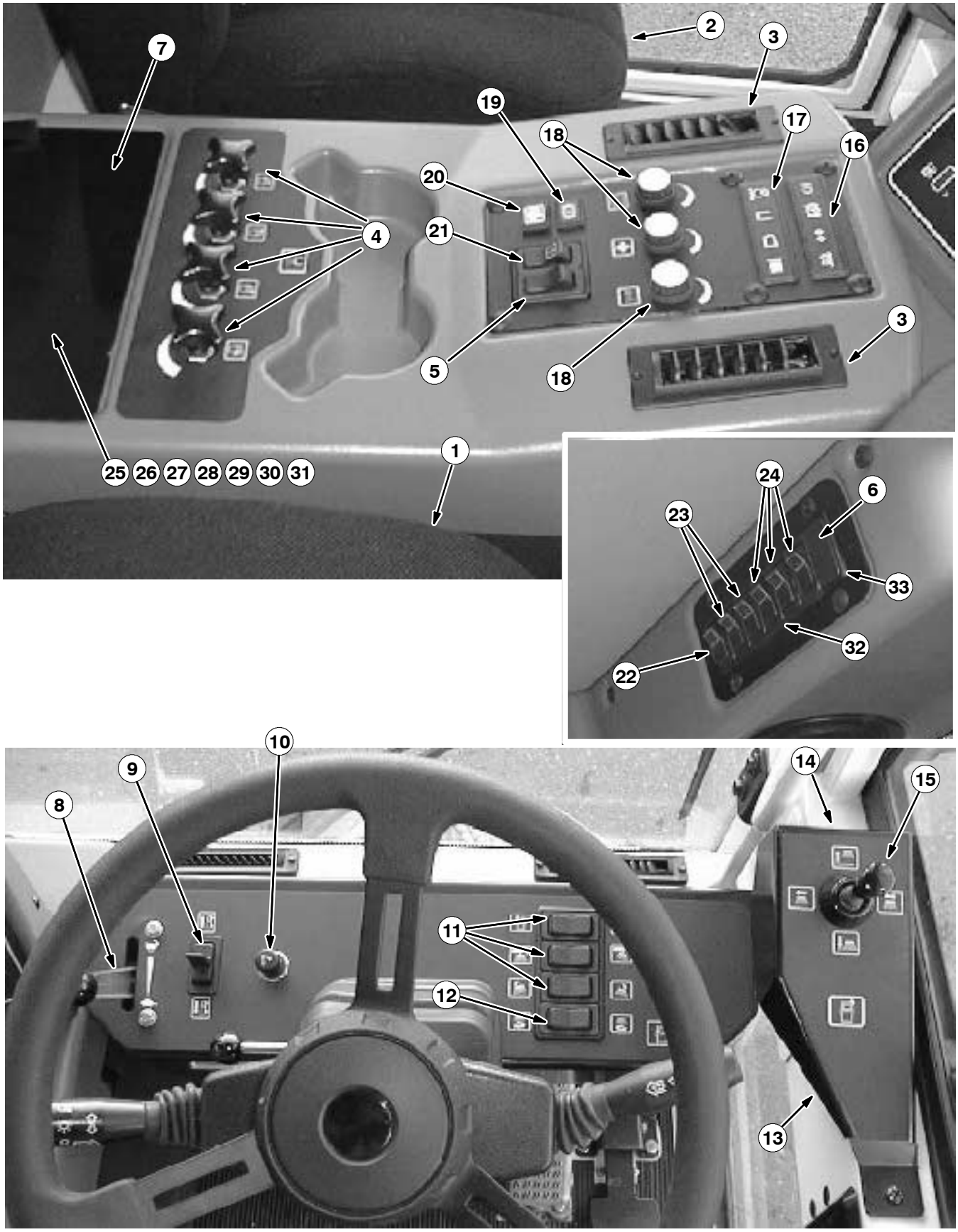


351988

Fig. 38 - Cab Console and Covers Group

	Ref.	TENNANT Part No.	Machine Serial Number	Description	Qty.
	1	768432	(000000–)	Panel, Console, Control, Cent	1
	2	768449	(000000–)	Plate	1
▽		768442	(000000–)	Shroud/Bezel, Instmt, Purch Kit	1
▲	3	768434	(000000–)	Shroud, Instrument	1
▲	4	768433	(000000–)	Bezel, Case, Instrument	1
	5	768430	(000000–)	Cover, Wire Channel, Top	1
	6	768431	(000000–)	Cover, Wire Channel, Back	1
	7	768446	(000000–)	Bezel, Switch, Center Console	1
	8	768429	(000000–)	Panel, Rear, Lh	1
	9	768452	(000000–)	Panel, Access	1
	10	768453	(000000–)	Bracket, Cable, Throttle	1
	11	761952	(000000–)	Ashtray, Side Mounting, Chr	1
	12	768425	(000000–)	Panel, Console, Upper, Switch	1
	13	768443	(000000–)	Plate, Switch, Upper	1
	14	768428	(000000–)	Panel, Rear, Rh	1
	15	768581	(000000–)	Circuit Board Power Supply	1
	16	768603	(000000–)	Support, Circuit Board	3
	17	768492	(000000–)	Duct, Air	2
	18	768467	(000000–)	Seal, Cab	1
	19	12271	(000000–)	U-Nut M6x 1.0	8
	20	768595	(000000–)	Insulation, Console	1
	21	72970	(000000–)	Screw, Plastic Rivet	30
	22	768451	(000000–)	Latch, Cover, Access	2
	23	763147	(000000–)	Screw	8
	24	763099	(000000–)	Washer	8

Fig. 39 - Cab Instruments and Controls Group

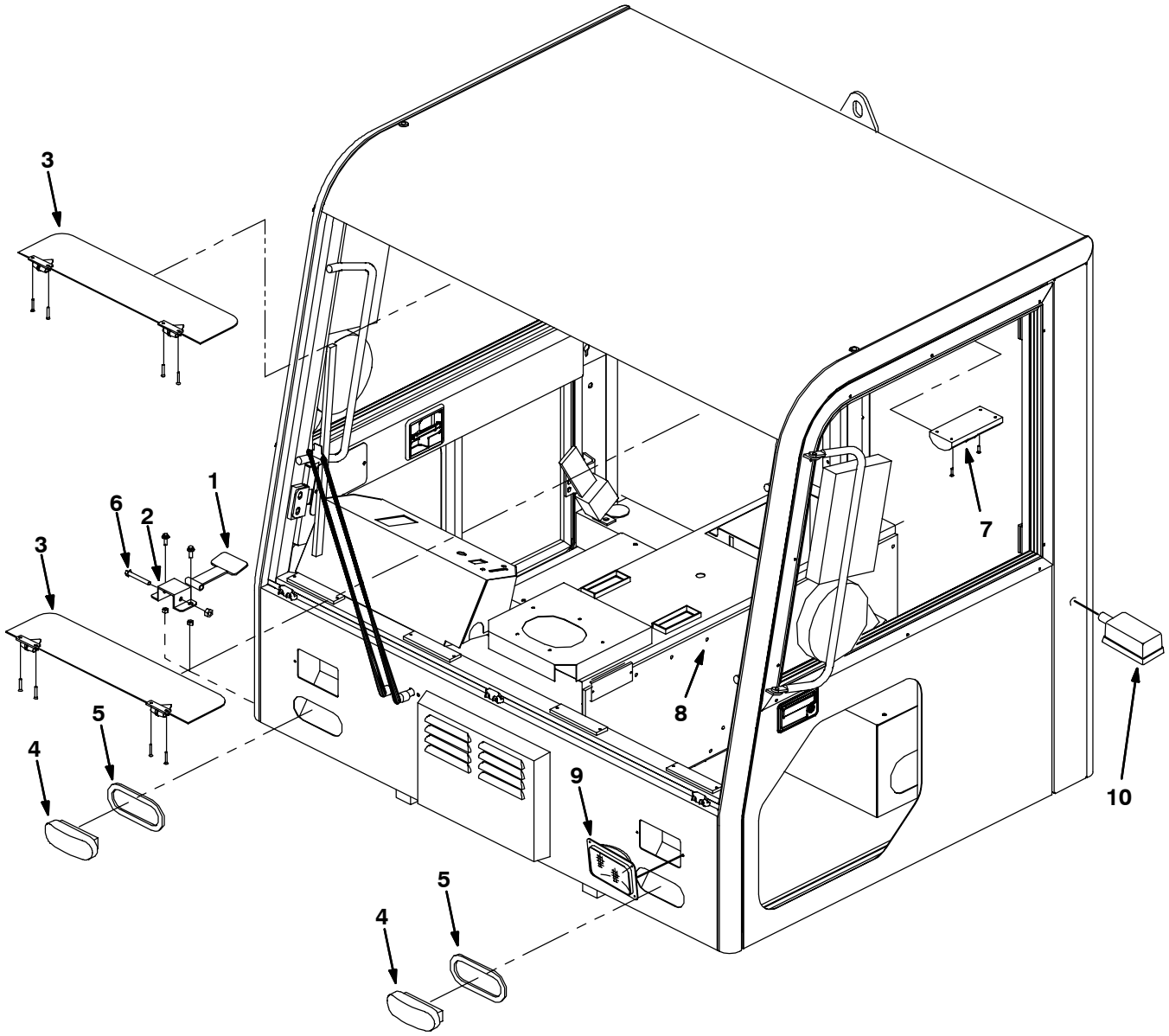


352004

Fig. 39 - Cab Instruments and Controls Group

	Ref.	TENNANT Part No.	Machine Serial Number	Description	Qty.
	1	768493	(000000-)	Operator Seat with Connector	1
	2	768485	(000000-)	Seat	1
	2	765283	(000000-)	Kit, Seat, Suspension, Passenger (Optional)	1
	3	769618	(000000-)	Louver	2
	4	762236	(000000-)	Knob, Water Valve (Option)	4
	5	768610	(000000-)	Switch, Parking Brake	1
	6	762521	(000000-)	Plug, Panel Switch	8
	7	762513	(000000-)	Fuse, 10 Amp	5
	7	762514	(000000-)	Fuse, 15 Amp	7
	7	762515	(004531-)	Fuse, 20 Amp	1
	7	762583	(000000-)	Fuse, 25 Amp	2
	7	762516	(000000-)	Fuse, 30 Amp	2
	8	768458	(000000-)	Lever, Throttle	1
	9	762525	(000000-)	Switch, Paddle Rocker DPDT	1
	10	761954	(000000-)	Lighter, 12V Cig	1
	11	762526	(000000-)	Switch, Rocker DPDT Momentary (Option)	3
	12	768529	(000000-)	Switch, Rocker SPDT on-off-on (Option)	1
	13	768462	(000000-)	Plate, Bottom, Vario (Option)	1
	14	768461	(000000-)	Bracket, Control, Vario (Option)	1
▽	15	762505	(000000-)	Joystick (Option)	1
▲		762575	(000000-)	Micro Switch, Joystick	4
	16	768551	(000000-)	Lamp,Warnig 4way	1
	17	768552	(000000-)	Lamp,Warnig 4way	1
	18	761926	(000000-)	Knob, Switch Fan (Air Conditioner Knob Optional)	3
	19	768601	(000000-)	Lamp,Warnig, Brake Pressure	1
	20	768554	(000000-)	Lamp,Warnig, Tilt Indicator (High Dump only)	1
	21	768609	(000000-)	Switch, Engine Shutdown	1
	22	768611	(000000-)	Switch, Lights, 4-way Warning	1
	23	768612	(000000-)	Switch, Lights	2
	24	768612	(000000-)	Switch (Option)	3
	25	768599	(000000-)	Circuit, Diode (Vario only)	1
	26	768603	(000000-)	Support, Circuit Board (Vario only)	3
	27	57804	(000000-)	Relay	10
	28	222290	(000000-)	Diode	10
	29	768580	(000000-)	Sensor, Directional Level (High Dump only)	1
	30	10962	(000000-)	Diode, Bridge	2
	31	768632	(000000-)	Kit, Fuse Box	1
	32	762520	(000000-)	Bezel, Center Switch	7
	33	762519	(000000-)	Bezel, End Switch	6
		31922	(000000-)	Flasher Heavy Duty	1
		762547	(000000-)	Buzzer	1
		762604	(000000-)	Glowplug preheater	1
		768399	(000000-)	Bracket	1
		46236	(000000-)	Clamp	1

Fig. 40 - Cab Lights, Visor, and Pedal Group

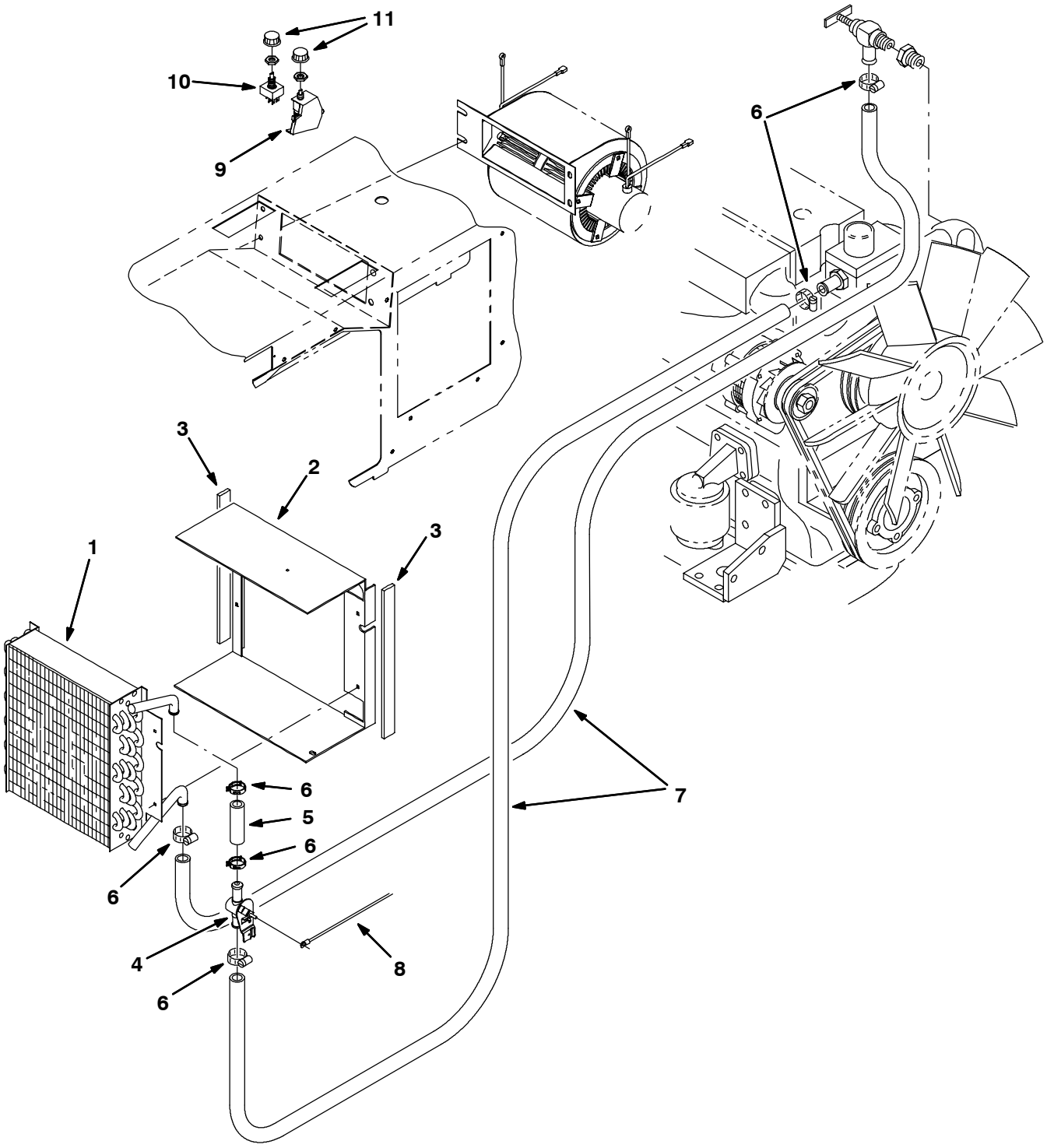


351982

Fig. 40 - Cab Lights, Visor, and Pedal Group

	Ref.	TENNANT Part No.	Machine Serial Number	Description	Qty.
	1	769651	(000000-)	Wldt, Accelerator Pe	1
	2	769652	(000000-)	Bracket, Accelerator	1
	3	769656	(000000-)	Sun Visor	2
	4	761881	(000000-)	Light, Signal, Amber	2
	5	769607	(000000-)	Grommet, Turn Signal	2
	6	35706	(000000-)	Bolt, .374-16X2.75	1
	7	768570	(000000-)	Dome Light W/Map 12V	1
	8	769626	(000000-)	Screw,.25-20X.75Blk	8
▽	9	768550	(000000-)	Headlight, Assy	2
▲		768607	(000000-)	Lamp #4	1
▽	10	768591	(000000-)	Side Brush Light R.H.	1
▲		768606	(000000-)	Bulb	1

Fig. 41 - Cab Heater Group

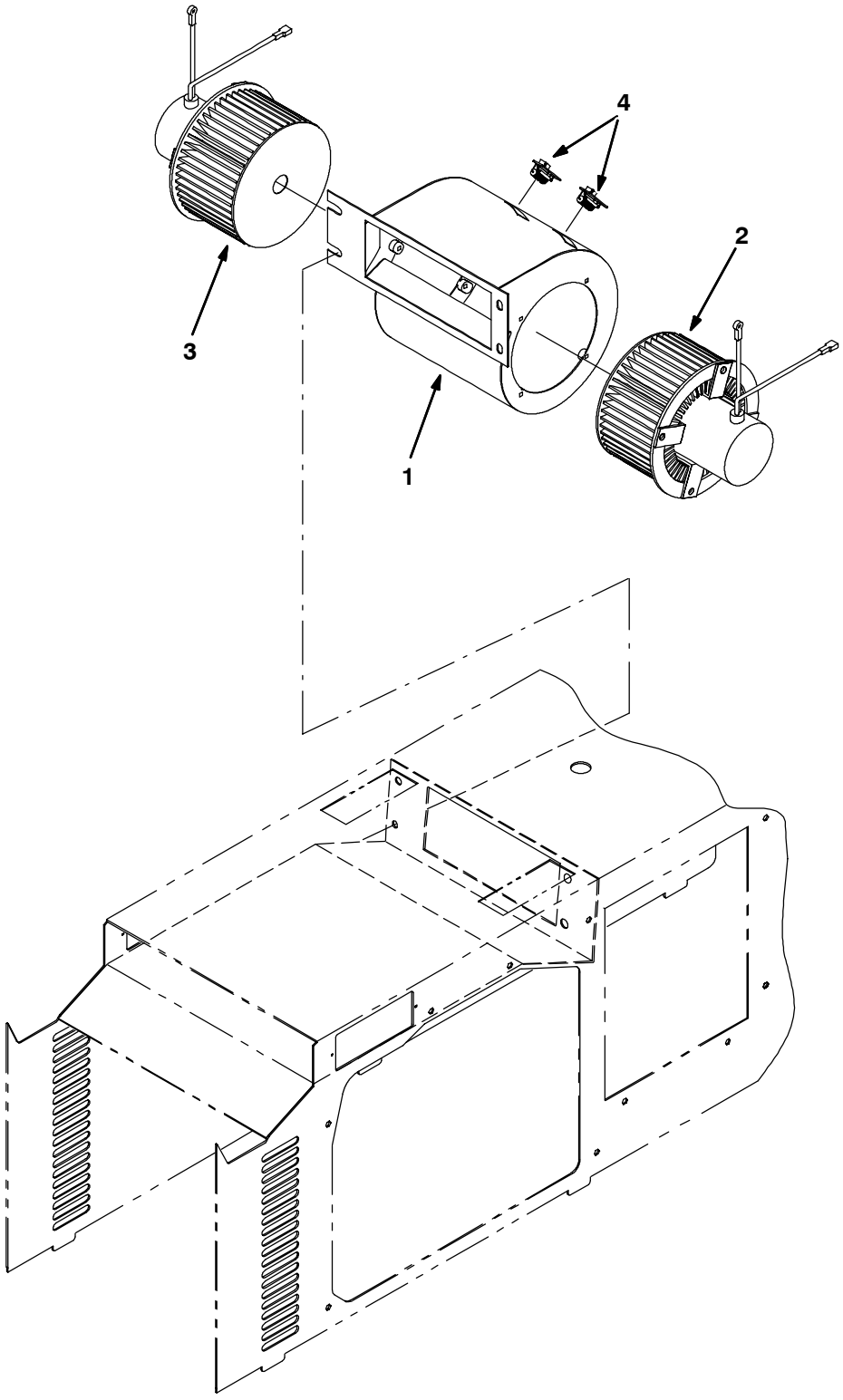


352510

Fig. 41 - Cab Heater Group

Ref.	TENNANT Part No.	Machine Serial Number	Description	Qty.
1	769024	(000000-)	Coil, Heater	1
2	769039	(000000-)	Bracket, Coil	1
3	769040	(000000-)	Seal, Weatherstrip	2
4	761950	(000000-)	Valve, Water	1
5	769038	(000000-)	Hose, Heater	1
6	63810	(000000-)	Clamp, Wormdrive	6
7	769046	(000000-)	Hose, Heater	2
8	761946	(000000-)	Cable, Push-Pull	1
9	761927	(000000-)	Cable, Rotary Control	1
10	761924	(000000-)	Switch, Fan, 3-Speed	1
11	761926	(000000-)	Knob, Switch	2

Fig. 42 - Blower Assembly

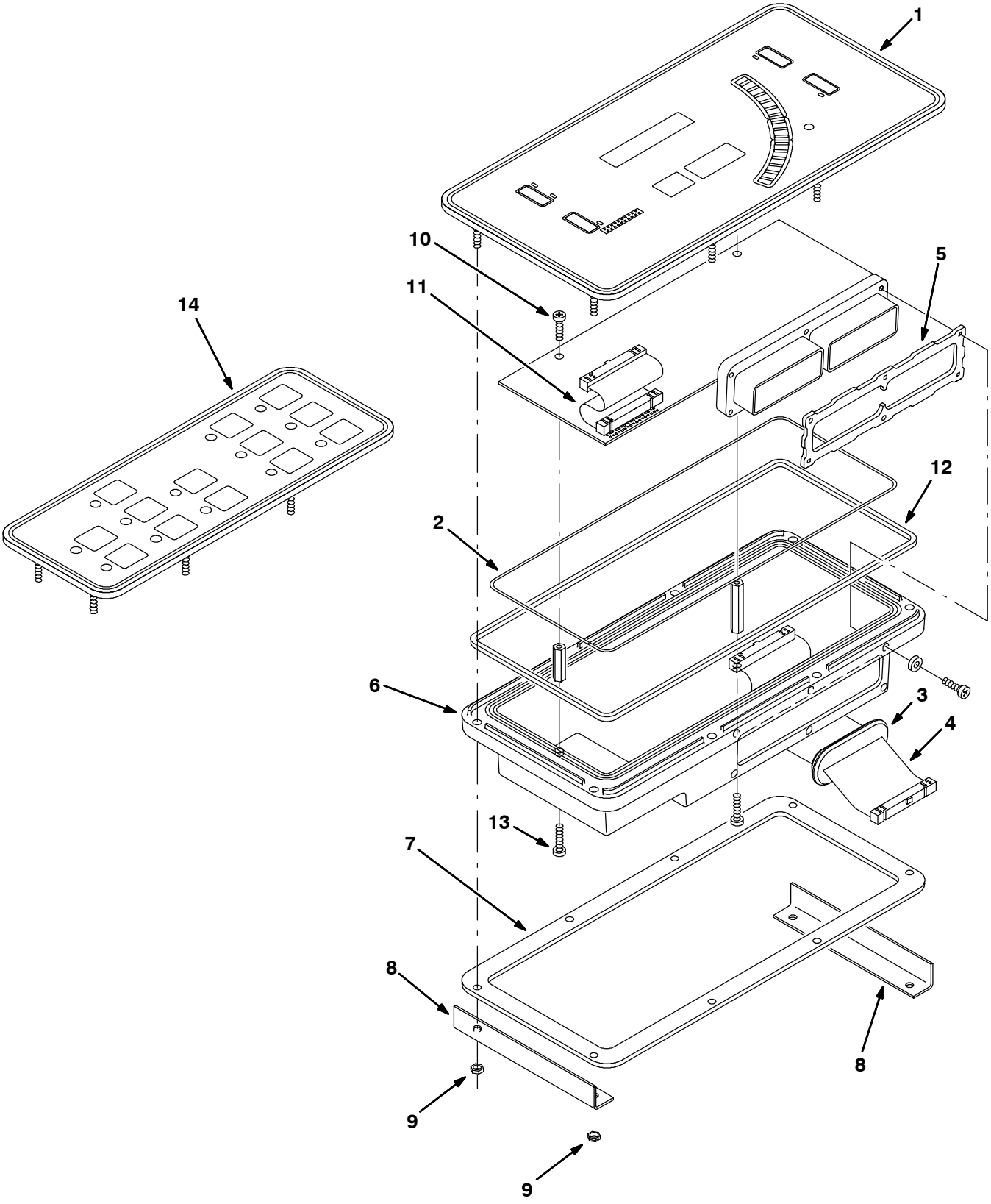


352512

Fig. 42 - Blower Assembly

	Ref.	TENNANT Part No.	Machine Serial Number	Description	Qty.
▽		769036	(000000–)	Blower, Assy	1
▲	1	769033	(000000–)	Housing, Blower	1
▲	2	769032	(000000–)	Motor, Assy, Blower, ~~Rh~~ Lh	1
▲	3	769031	(000000–)	Motor, Assy, Blower, ~~Lh~~ Rh	1
▲	4	761936	(000000–)	Resistor, Block	2

Fig. 43 - Instrument Panel Assembly

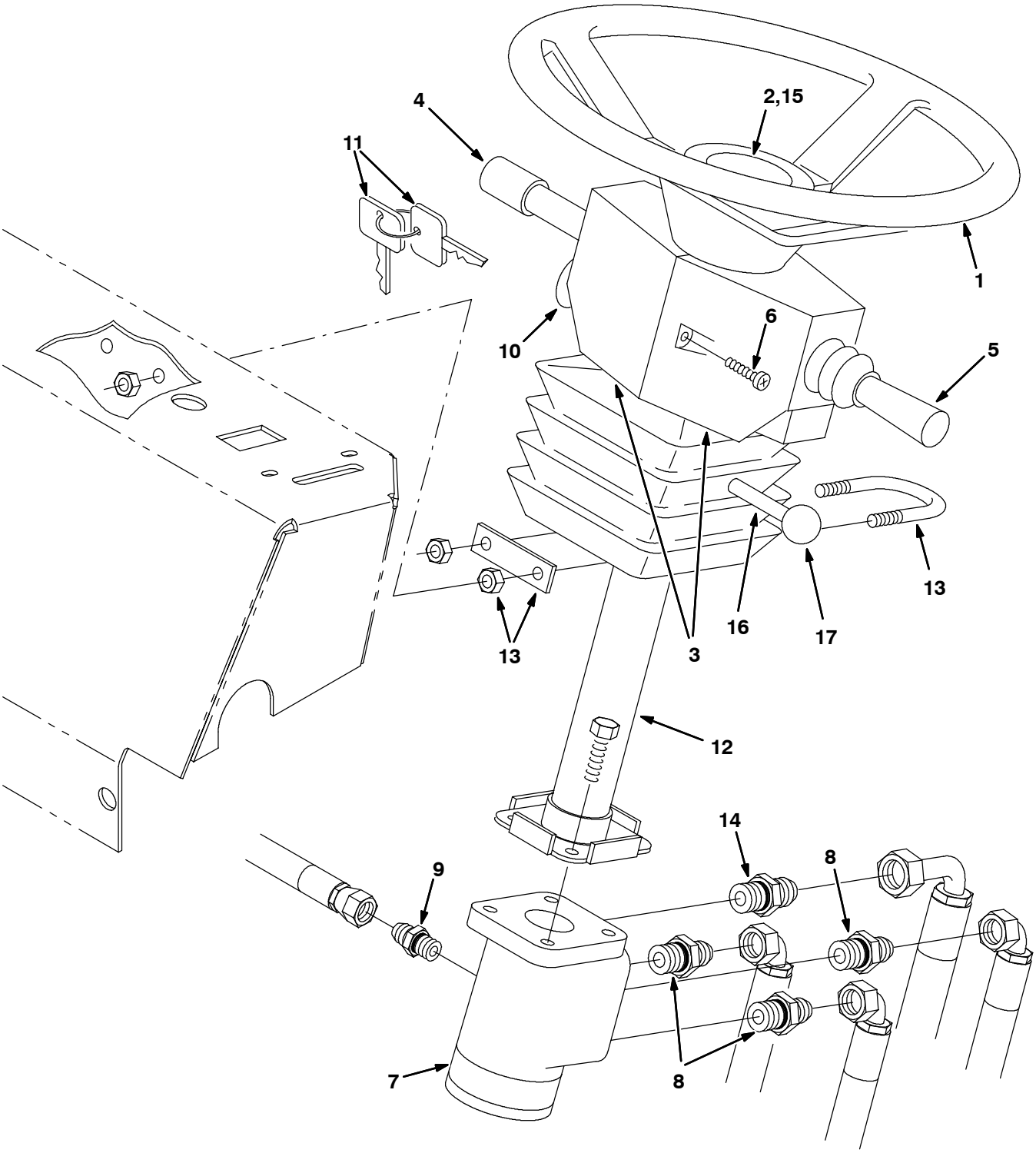


352002

Fig. 43 - Instrument Panel Assembly

	Ref.	TENNANT Part No.	Machine Serial Number	Description	Qty.
▽		768573	(000000-~~003706~~)	Kit, Instrument Panel Assembly	1
use 768573 ▽		~~768571~~	(~~003707-~~)	~~Instrument Panel Assembly~~	~~1~~
▲▽		768574	(000000-003706)	Panel Assembly, Control	1
▲▽		768572	(003707-)	Panel Assembly, Control	1
▲▲	1	768587	(000000-)	Panel, Instrument	1
▲▲	2	73219	(000000-)	O Ring Seal	1
▲▲	3	27928	(000000-)	Grommet, Ribbon Cable	1
▲▲	4	768583	(000000-)	Cable, Ribbon, 34 Conductor	1
▲▲	5	364943	(000000-)	Seal, Connector, 60 Pin	1
▲▲	6	768584	(000000-)	Box, Instrument	1
▲▲	7	364941	(000000-)	Plate, Backing	1
▲▲	8	364292	(000000-)	Bracket, L	2
▲▲	9	02850	(000000-)	Nut, Hex	8
▲▲	10	32515	(000000-)	Screw, Pan	2
▲▲	11	768582	(000000-)	Cable, Ribbon, 20 Conductor	1
▲▲	12	365183	(000000-)	Gasket, Box, Instrument	1
▲▲	13	364942	(000000-)	Screw, Pan	2
▲	14	768586	(000000-)	Panel, Touch	1
		768578	(000000-)	Replacement Kit, Controller, Micro	1
		27964	(000000-)	Static Strap	1

Fig. 44 - Steering Wheel Group

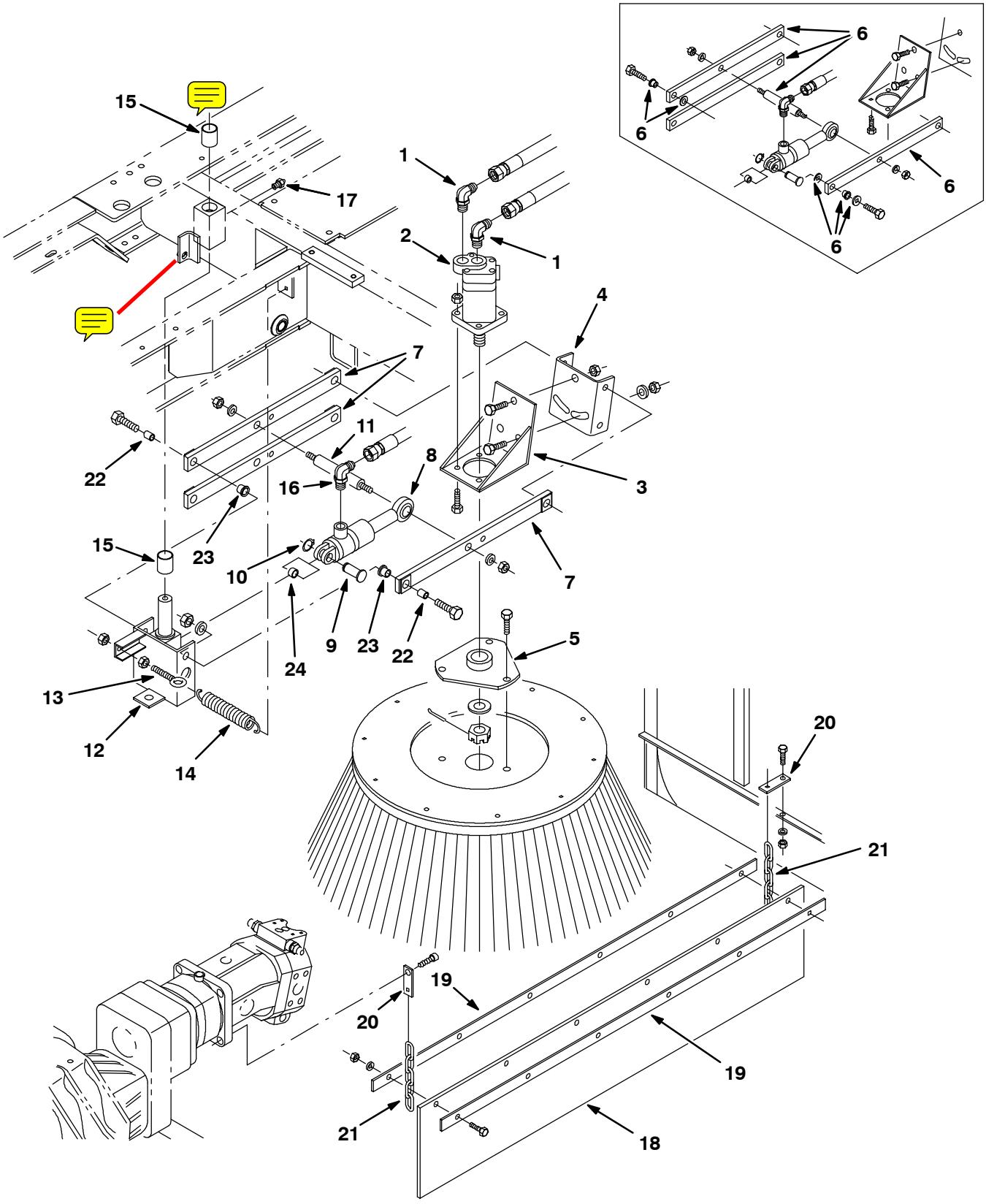


351924

Fig. 44 - Steering Wheel Group

	Ref.	TENNANT Part No.	Machine Serial Number	Description	Qty.
	1	768481	(000000-)	Wheel, Steering	1
	2	768482	(000000-)	Cover, Steering Wheel	1
▽	3	762501	(000000-)	Steering Column Switch	1
▲	4	762601	(000000-)	Switch, Assy Wipers	1
▲	5	762602	(000000-)	Switch, Assy Turn/Lights	1
▲	6	762603	(000000-)	Screw, Switch Assy	2
	7	762018	(000000-)	Steering Unit, Hyd Q-Amp	1
	8	762438	(000000-)	Ftg-Hyd, Str	3
	9	762427	(000000-)	Ftg-Hyd, Elbow, 4-6	1
	10	762504	(000000-)	Switch, Key, Steering Column	1
	11	762517	(000000-)	Key, Ignition Switch	2
	12	768480	(000000-)	Column, Steering (Tilt)	1
	13	768457	(000000-)	U Bolt	1
	14	767409	(000000-)	Ftg-Hyd, Str	1
	15	57676	(000000-)	Nut, Steering Wheel	1
	16	770023	(000000-)	Rod, Thrd	1
	17	26565	(000000-)	Knob, Ball, 1.25d 0.38-16 Plstc	1

Fig. 45 - Right Side Brush Group

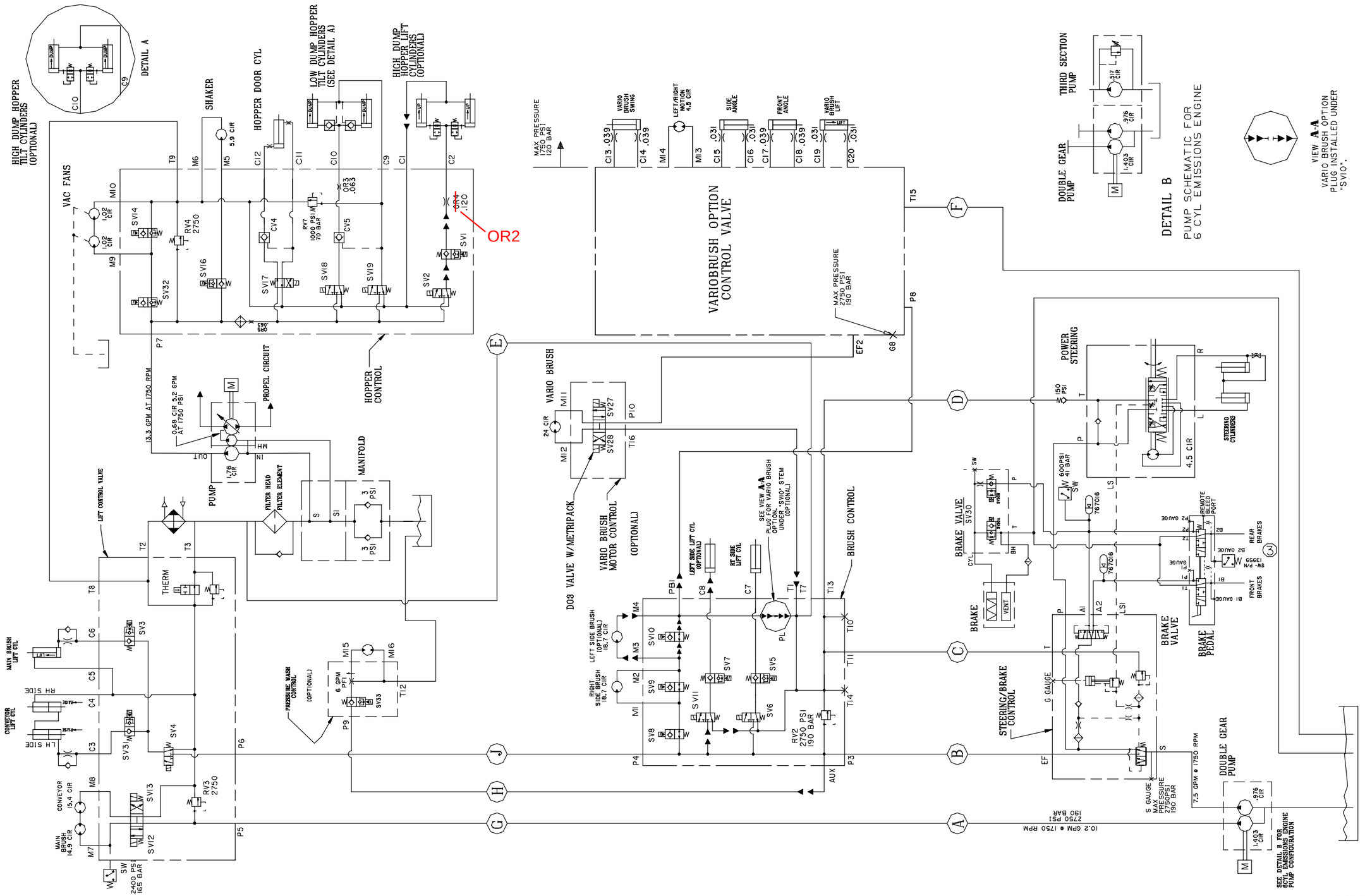


351962

Fig. 45 - Right Side Brush Group

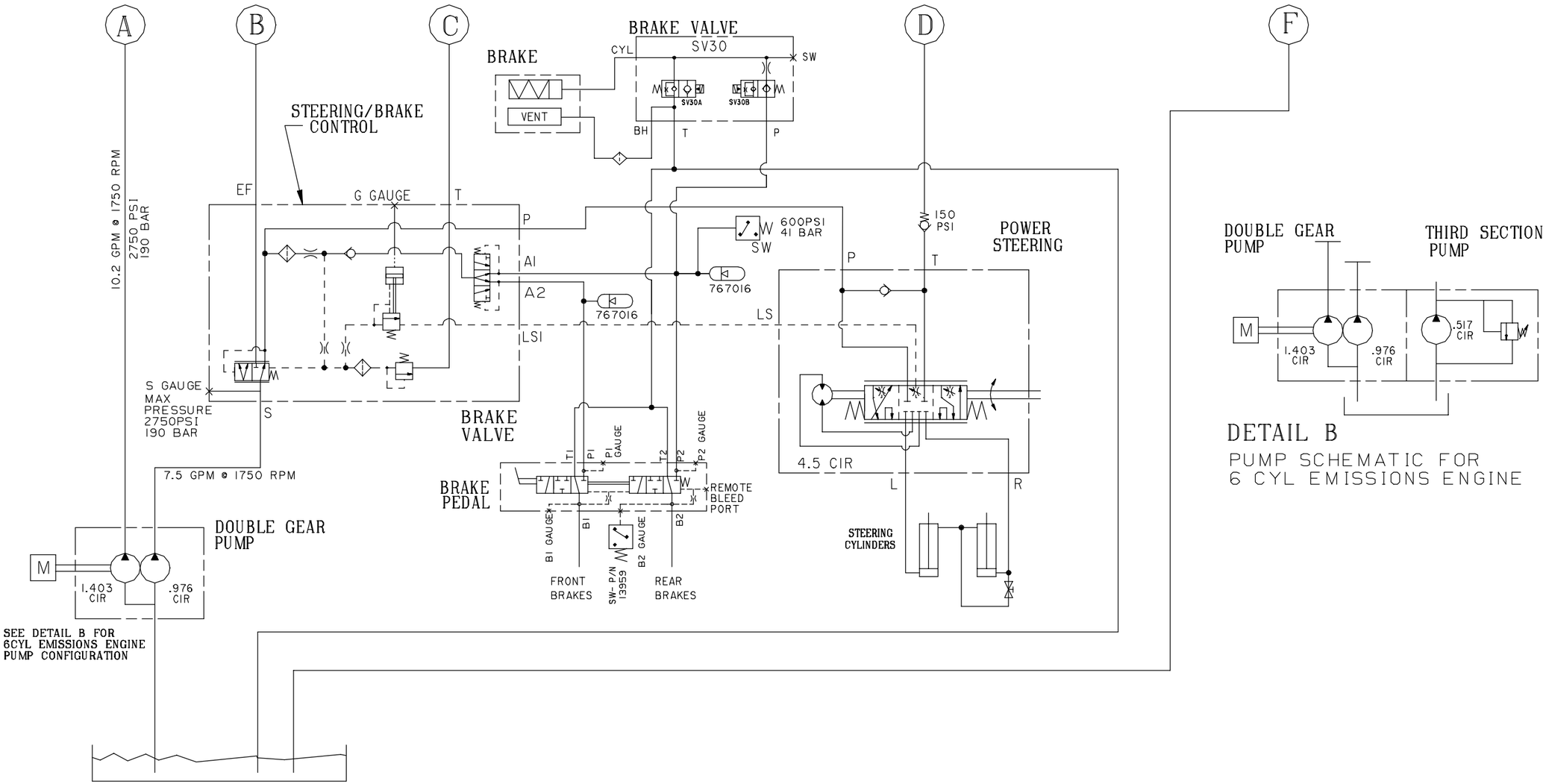
	Ref.	TENNANT Part No.	Machine Serial Number	Description	Qty.
	1	767411	(000000-)	Ftg-Hyd, E90	2
	2	762059	(000000-)	Motor, Hyd S Br W/End Ports (See Breakdowns)	1
	3	761209	(000000-)	Bracket,Hyd.Motor Support	1
	4	768834	(000000-)	Channel Weldt,Lower Support	1
	5	761428	(000000-)	Hub Weldt,Side Brush	1
	6	767642	(000000-004077)	Replacement Kit, Side Brush Linkage	1
	7	768836	(004078-)	Bar, Brush Support	3
▽	8	762043	(000000-)	Cylinder, Hyd S Br Lift	1
▲		762073	(000000-)	Kit, Seal, Cyl, Hyd	1
	9	761229	(000000-)	Pin,Hyd.Cylinder	1
	10	763005	(000000-)	Retaining Ring, M16	1
	11	767644	(004078-)	Shaft, Side Brush	1
	12	768843	(000000-)	Bracket,Side Brush Rh	1
	13	761225	(000000-)	Eyebolt, .50-13X3.5”	1
	14	761223	(000000-)	Spring	1
	15	763003	(000000-)	Bearing	2
	16	762425	(000000-)	Ftg-Hyd, E90	1
	17	47801	(000000-)	Ftg, Grease.25-28Th Strt .63L	1
	18	761215	(000000-)	Skirt, Rubber	1
	19	761216	(000000-)	Retainer,Skirt	2
	20	761217	(000000-)	Bracket,Skirt	2
	21	40758	(000000-)	Chain,Link#2/08 5Links,Br.Zinc	2
	22	768842	(004078-)	Tube	6
	23	767641	(004078-)	Bearing, Flange	6
	24	763007	(000000-)	Bearing	1

Fig. 46 - Hydraulic Schematic



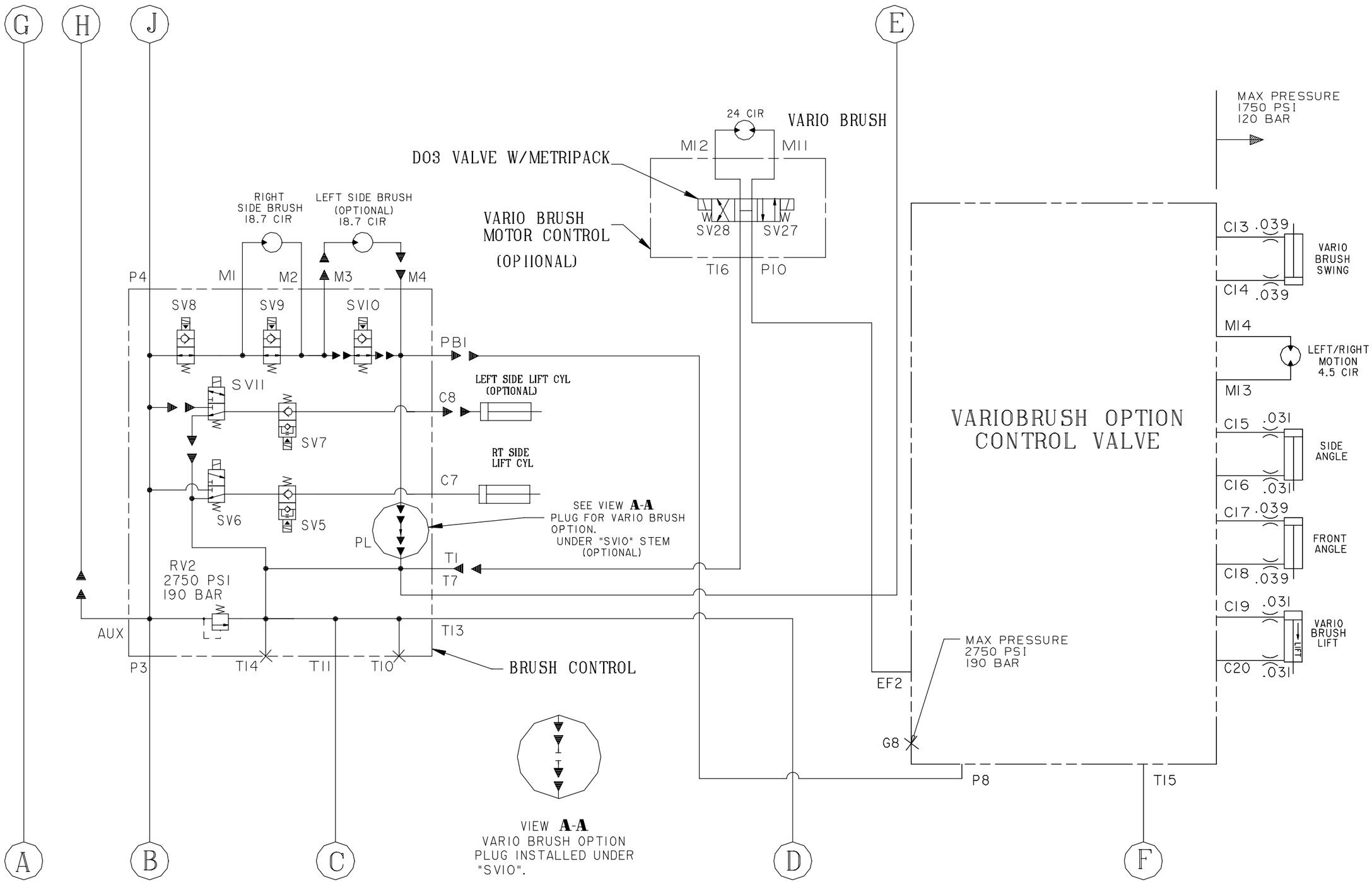
351943

Fig. 46 - Hydraulic Schematic



351943

Fig. 46 - Hydraulic Schematic



351943

Fig. 46 - Hydraulic Schematic

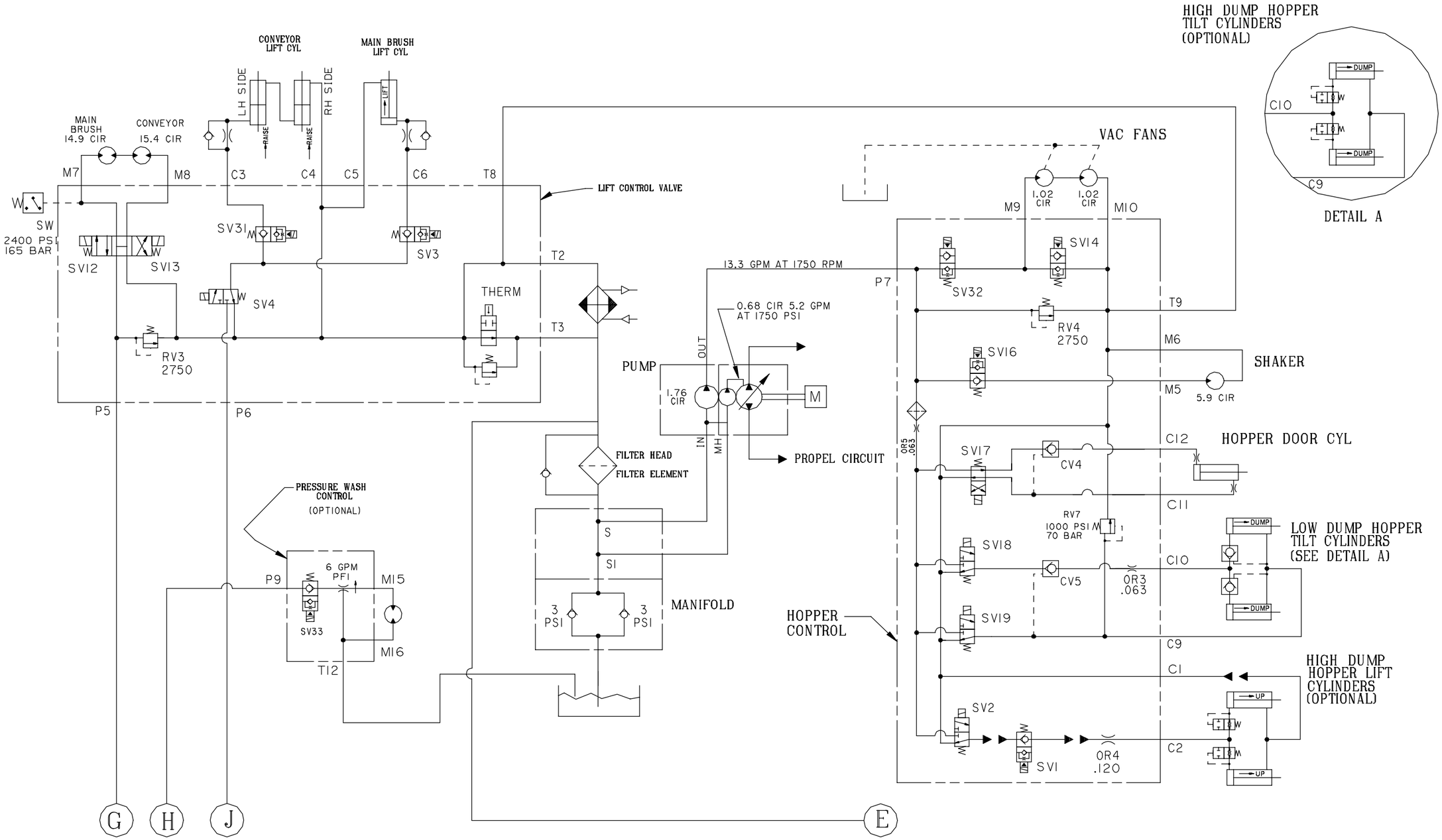


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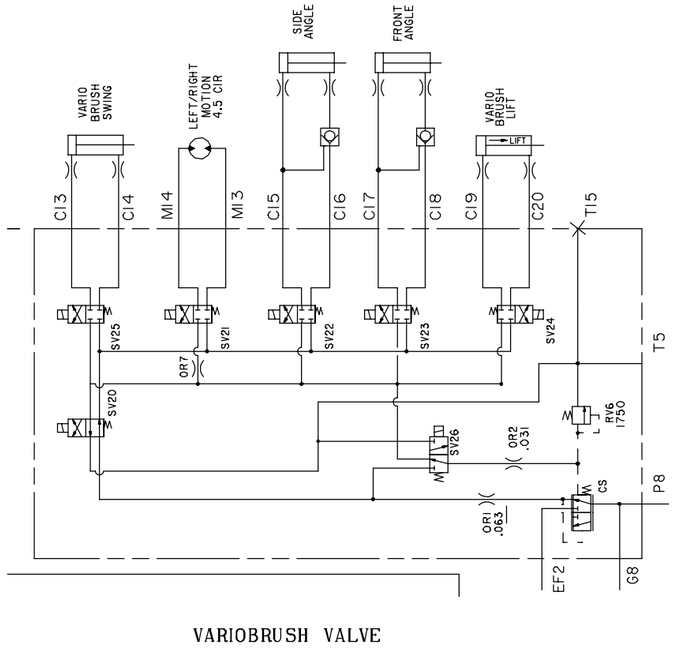
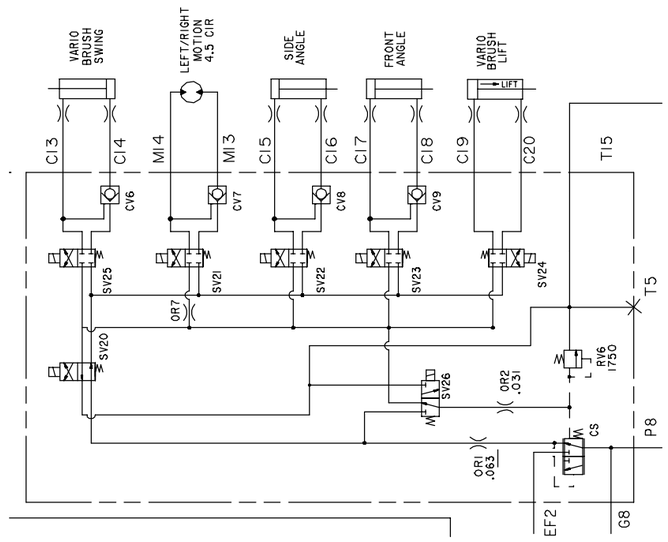
Fig. 46 - Hydraulic Schematic



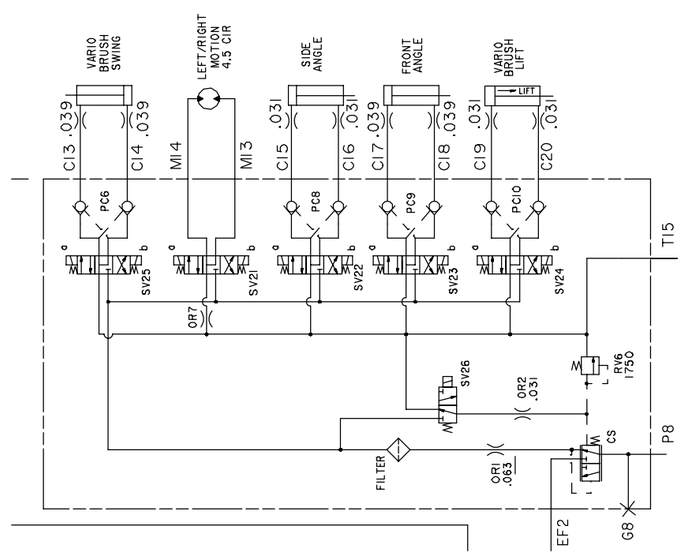
VARIOBRUSH VALVE

DETAIL A
SCHEMATIC OF VARIOBRUSH VALVE FOR SERIAL NO.S 000000-003174



VARIOBRUSH VALVE

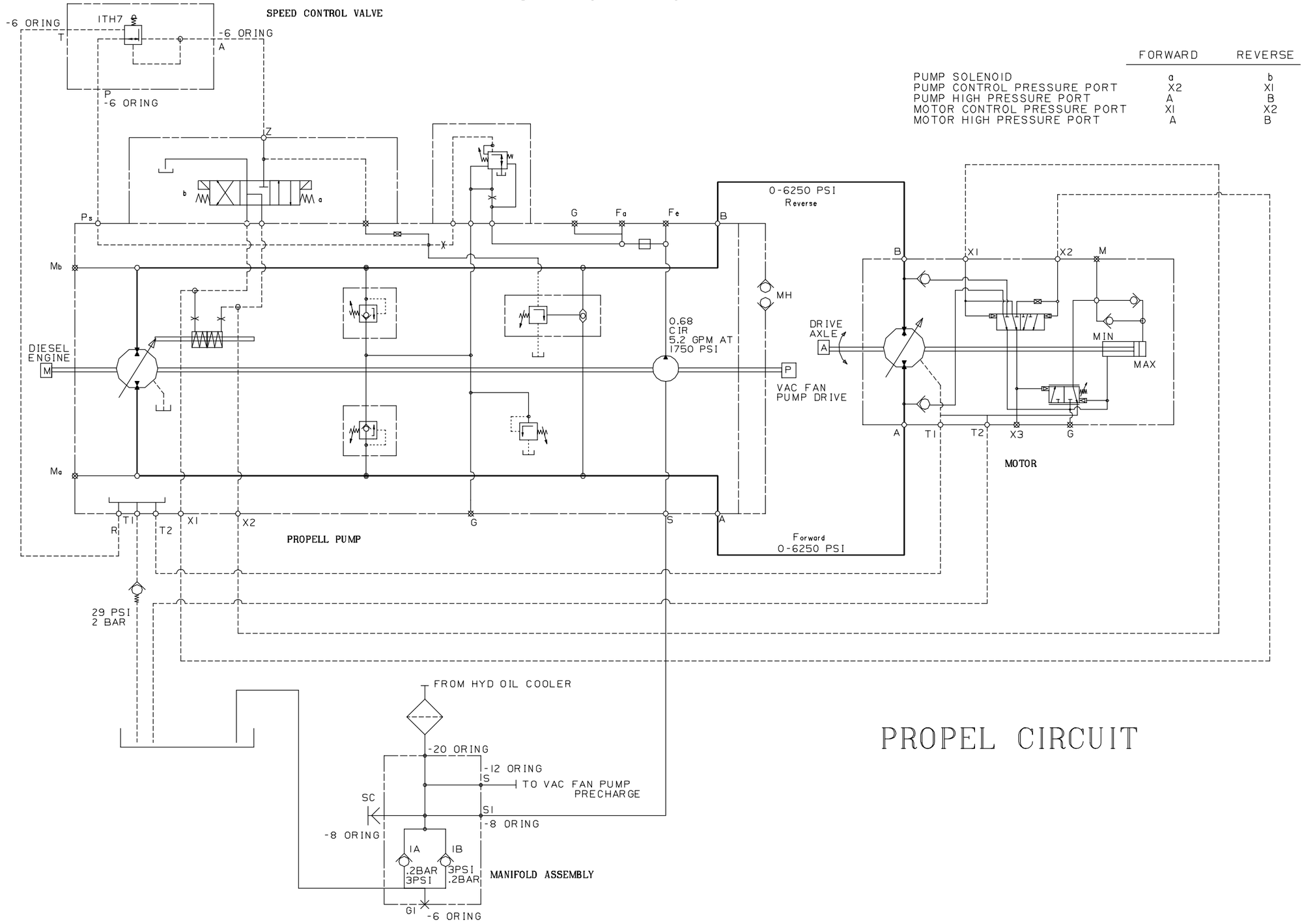
DETAIL B
SCHEMATIC OF VARIOBRUSH VALVE FOR SERIAL NO.S 003175-XXXXXX



VARIOBRUSH VALVE

DETAIL C
SCHEMATIC OF VARIOBRUSH VALVE FOR SERIAL NO.S XXXXXX-XXXXXX

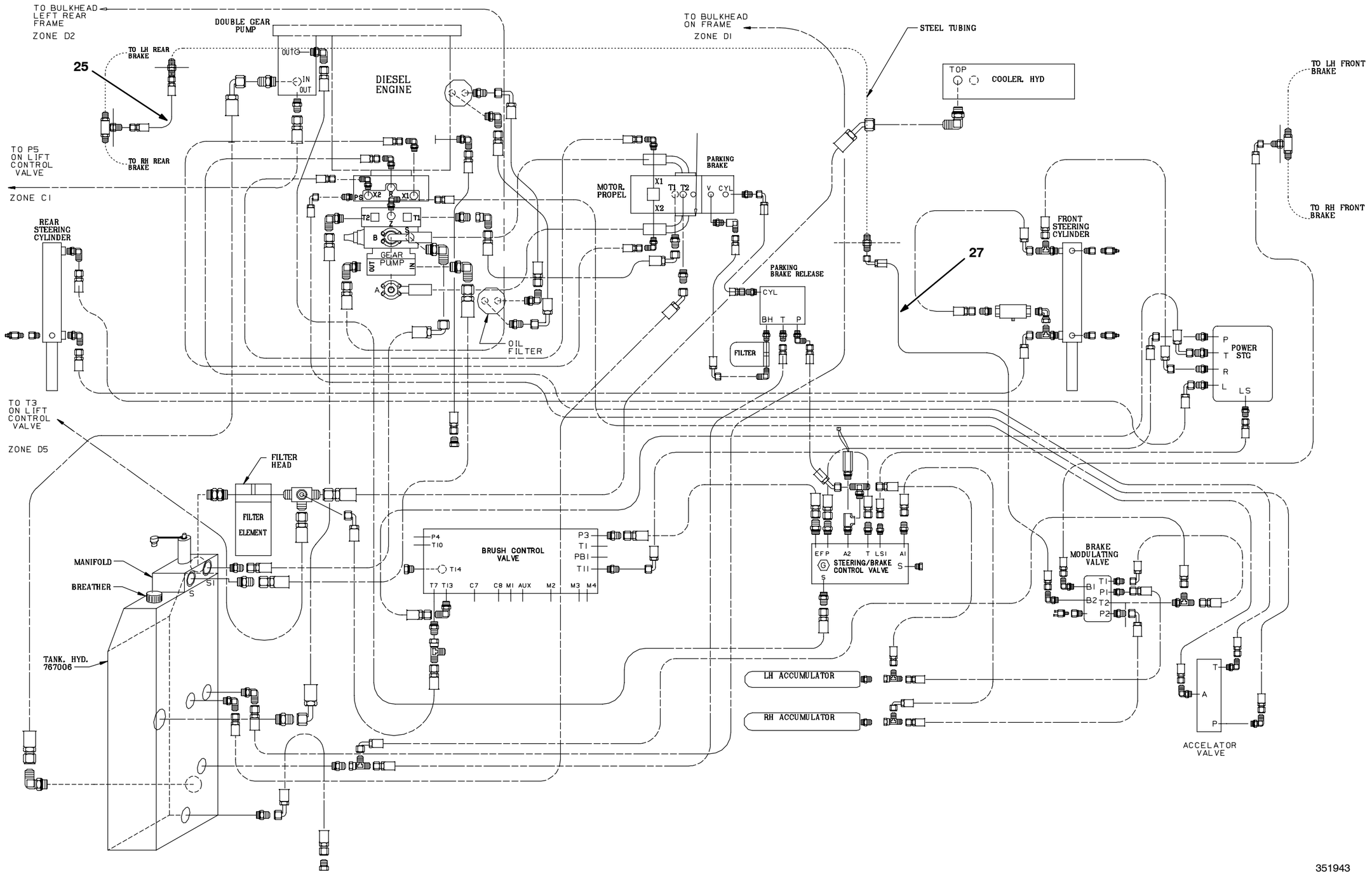
Fig. 46 - Propel Circuit Hydraulic Schematic



	FORWARD	REVERSE
PUMP SOLENOID	a	b
PUMP CONTROL PRESSURE PORT	X2	X1
PUMP HIGH PRESSURE PORT	A	B
MOTOR CONTROL PRESSURE PORT	X1	X2
MOTOR HIGH PRESSURE PORT	A	B

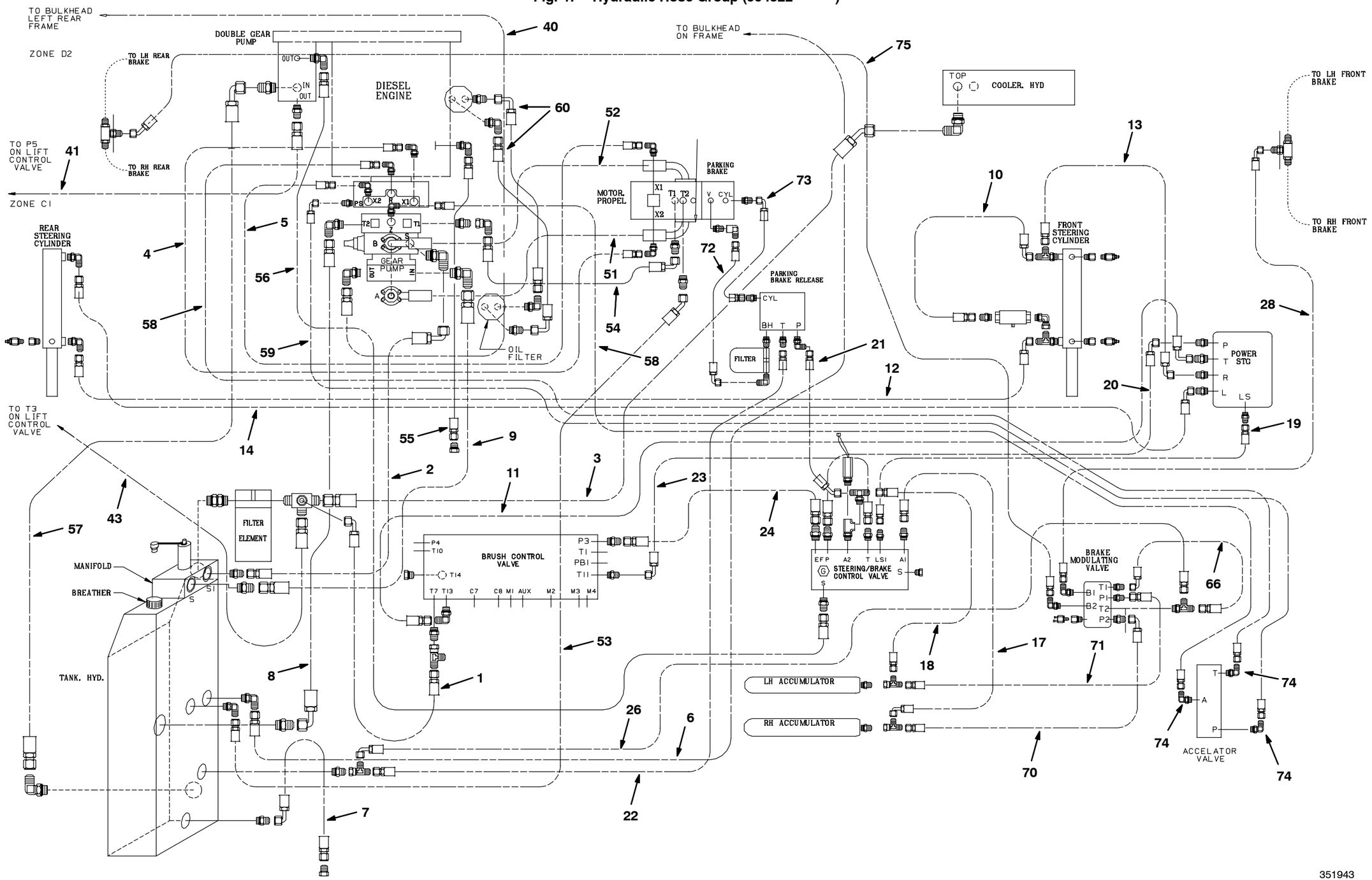
351943

Fig. 47 - Hydraulic Hose Group (000000-004521)



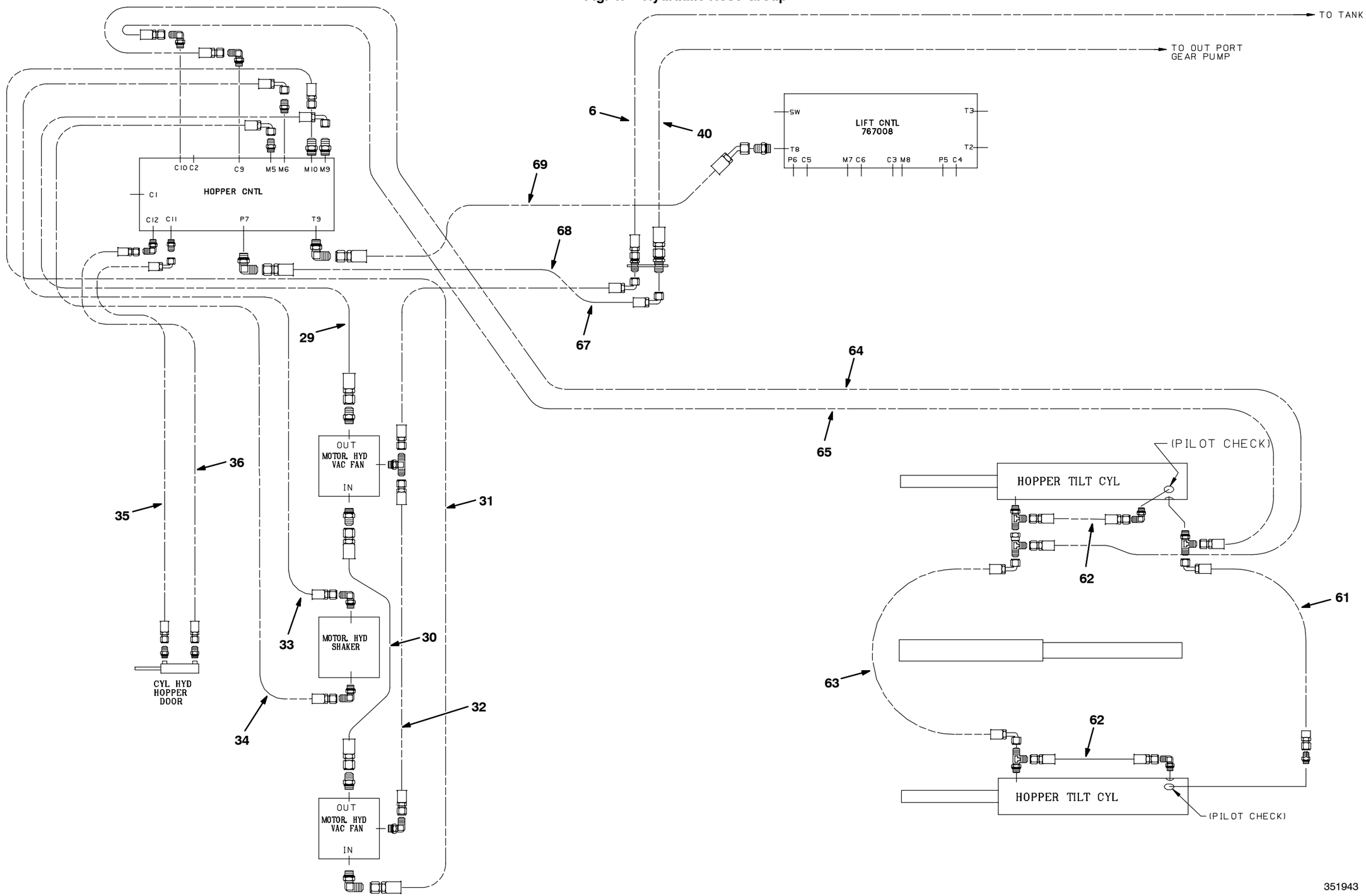
351943

Fig. 47 - Hydraulic Hose Group (004522-)



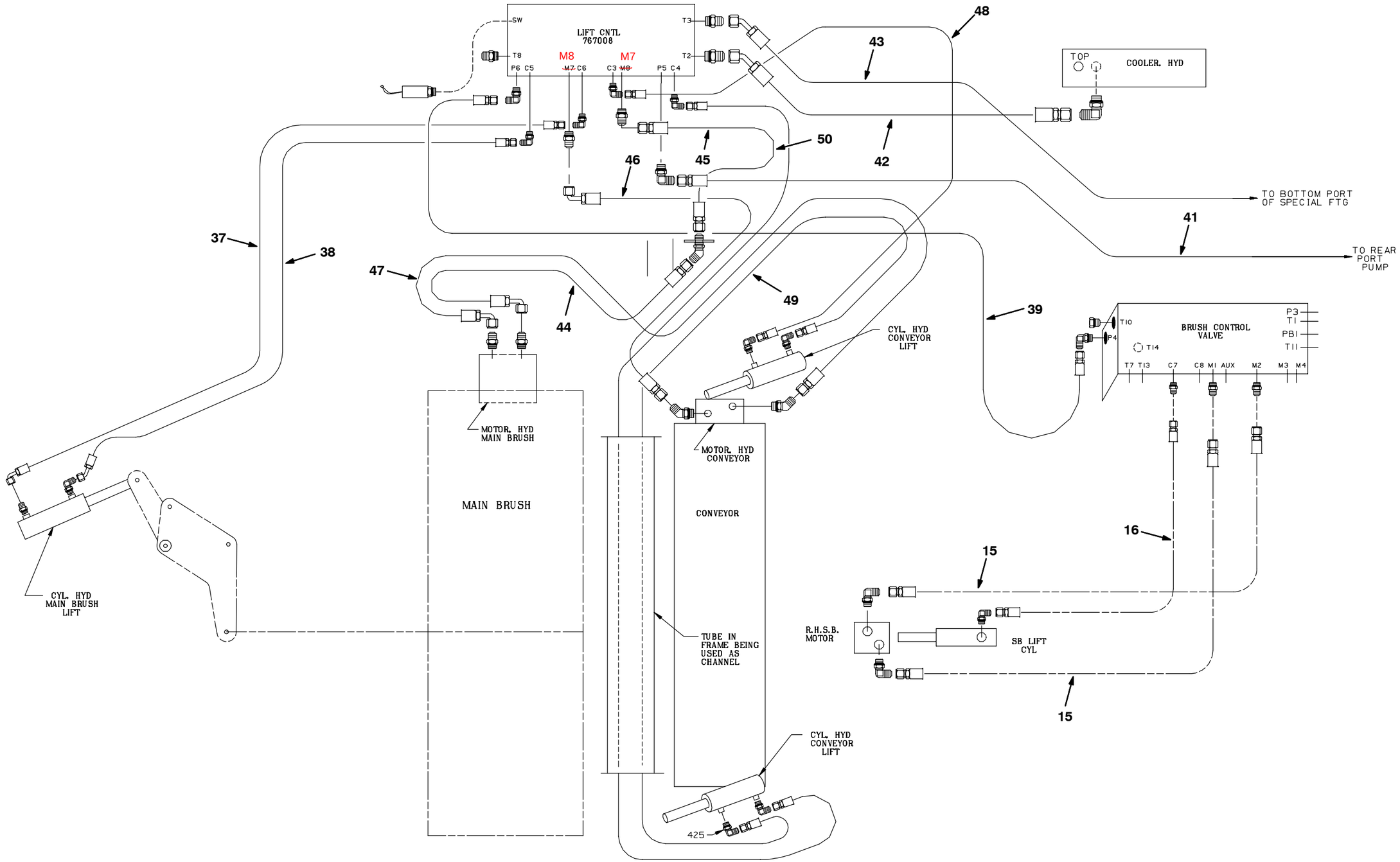
351943

Fig. 47 - Hydraulic Hose Group



351943

Fig. 47 - Hydraulic Hose Group



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351943

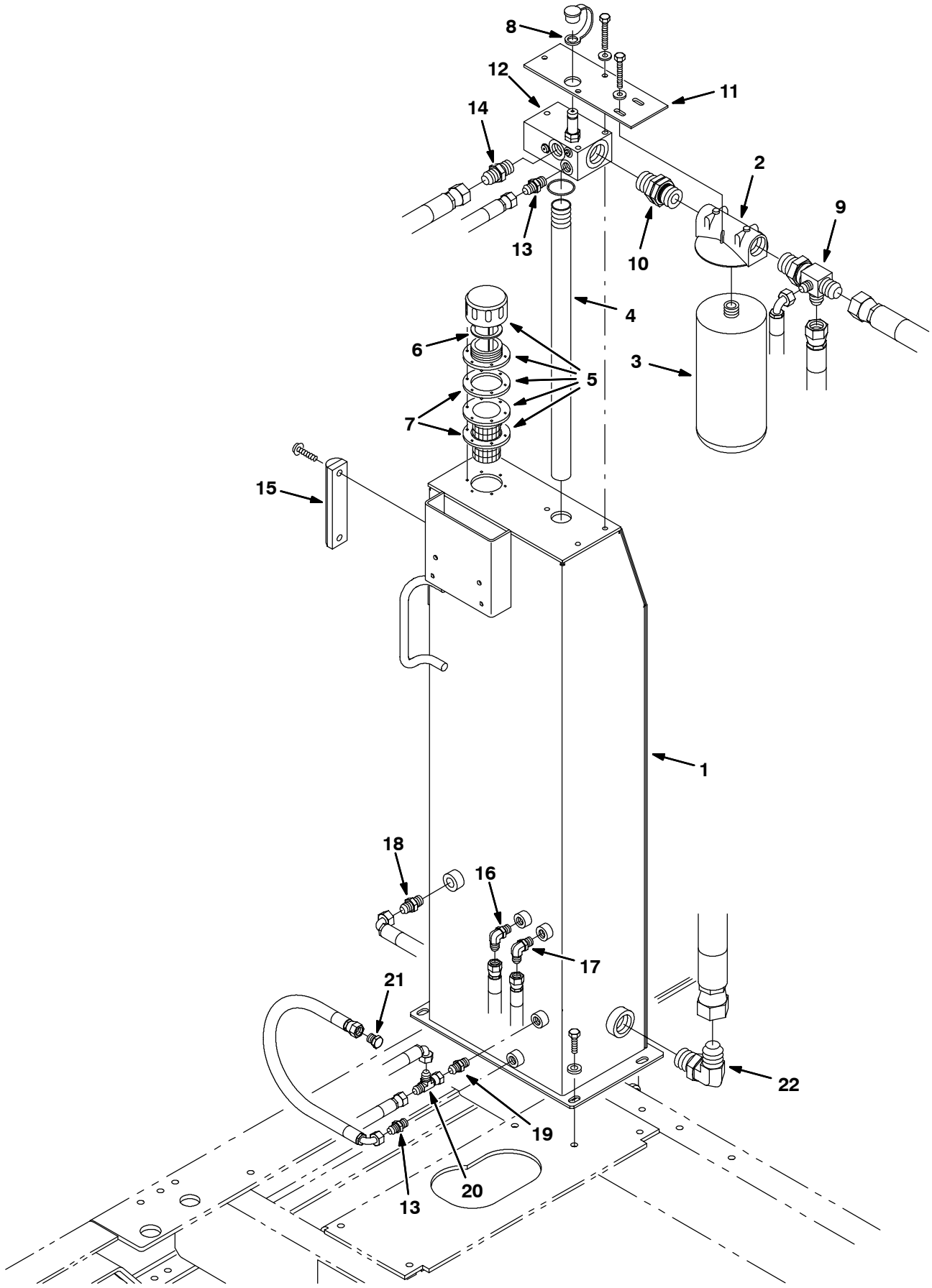
Fig. 47 - Hydraulic Hose Group

Ref.	TENNANT Part No.	Machine Serial Number	Description	Qty.
1	767222	(000000-)	Hose, Hyd	1
2	767243	(000000-)	Hose, Hyd	1
3	767280	(000000-)	Hose, Hyd	1
4	767308	(000000-)	Hose, Hyd	1
5	767309	(000000-)	Hose, Hyd	1
6	767313	(000000-)	Hose, Hyd	1
7	767315	(000000-)	Hose, Hyd	1
8	767324	(000000-)	Hose, Hyd	1
9	767328	(000000-)	Hose, Hyd	1
10	762399	(000000-)	Hose, Hyd	1
11	767223	(000000-)	Hose, Hyd	1
12	767239	(000000-)	Hose, Hyd	1
13	767241	(000000-)	Hose, Hyd	1
14	767242	(000000-)	Hose, Hyd	1
15	767249	(000000-)	Hose, Hyd	2
16	767251	(000000-)	Hose, Hyd	1
17	767252	(000000-)	Hose, Hyd	1
18	767254	(000000-)	Hose, Hyd	1
19	767256	(000000-)	Hose, Hyd	1
20	767257	(000000-)	Hose, Hyd	1
21	767258	(000000-)	Hose, Hyd	1
22	767259	(000000-)	Hose, Hyd	1
23	767305	(000000-)	Hose, Hyd	1
24	767307	(000000-)	Hose, Hyd	1
25	767316	(000000-004521)	Hose, Hyd	1
26	767415	(000000-)	Hose, Hyd	1
27	767416	(000000-004521)	Hose, Hyd	1
28	767417	(000000-)	Hose, Hyd	1
29	767230	(000000-)	Hose, Hyd	1
30	767231	(000000-)	Hose, Hyd	1
31	767232	(000000-)	Hose, Hyd	1
32	767234	(000000-)	Hose, Hyd	1
33	767235	(000000-)	Hose, Hyd	1
34	767236	(000000-)	Hose, Hyd	1
35	767237	(000000-)	Hose, Hyd	1
36	767238	(000000-)	Hose, Hyd	1
37	767244	(000000-)	Hose, Hyd	1
38	767245	(000000-)	Hose, Hyd	1
39	767260	(000000-)	Hose, Hyd	1
40	767266	(000000-)	Hose, Hyd	1
41	767267	(000000-)	Hose, Hyd	1
42	767268	(000000-)	Hose, Hyd	1
43	767270	(000000-)	Hose, Hyd	1
44	767282	(000000-)	Hose, Hyd	1
45	767283	(000000-)	Hose, Hyd	1
46	767284	(000000-)	Hose, Hyd	1
47	767285	(000000-)	Hose, Hyd	1
48	767286	(000000-)	Hose, Hyd	1
49	767287	(000000-)	Hose, Hyd	1
50	767288	(000000-)	Hose, Hyd	1

Fig. 47 - Hydraulic Hose Group

Ref.	TENNANT Part No.	Machine Number	Serial	Description	Qty.
51	767261	(000000-	)	Hose, Hyd	1
52	767262	(000000-	)	Hose, Hyd	1
53	767264	(000000-	)	Hose, Hyd	1
54	767265	(000000-	)	Hose, Hyd	1
55	762409	(000000-	)	Hose, Hyd	1
56	767269	(000000-	)	Hose, Hyd	1
57	767306	(000000-	)	Hose, Hyd	1
58	767311	(000000-	)	Hose, Hyd	2
59	767312	(000000-	)	Hose, Hyd	1
60	767314	(000000-	)	Hose, Hyd	2
61	762335	(000000-	)	Hose, Hyd	1
62	762349	(000000-	)	Hose, Hyd	2
63	762350	(000000-	)	Hose, Hyd	1
64	767224	(000000-	)	Hose, Hyd	1
65	767225	(000000-	)	Hose, Hyd	1
66	767418	(000000-	)	Hose, Hyd	1
67	767290	(000000-	)	Hose, Hyd	1
68	767333	(000000-	)	Hose, Hyd	1
69	767334	(000000-	)	Hose, Hyd	1
70	767253	(000000-	)	Hose, Hyd	1
71	767255	(000000-	)	Hose, Hyd	1
72	768881	(000000-	)	Hose, Hyd	1
73	768882	(000000-	)	Hose, Hyd	1
74	762425	(000000-	)	Fitting, Hyd	3
75	770002	(004522-	)	Hose, Hyd	1

Fig. 48 - Hydraulic Reservoir Group

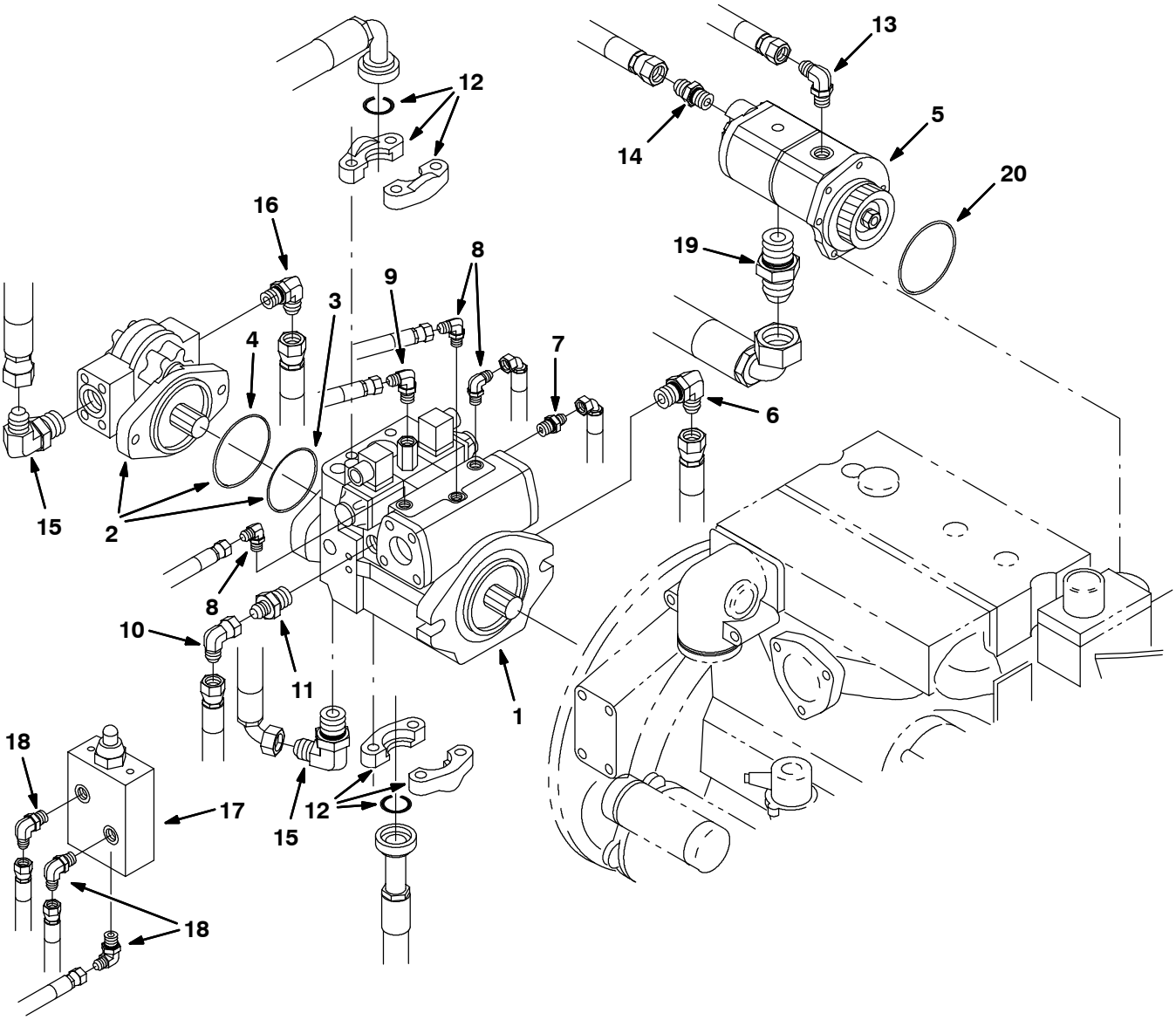


351899

Fig. 48 - Hydraulic Reservoir Group

	Ref.	TENNANT Part No.	Machine Number	Serial	Description	Qty.
	1	767006	(000000-	)	Tank, Hyd Oil	1
▽	2	767012	(000000-	)	Filter, Head	1
▲	3	767013	(000000-	)	Filter Element,Hyd.Spin On	1
	4	767011	(000000-	)	Nipple,Pipe	1
▽	5	767019	(000000-	)	Hyd Filler Breather Assembly	1
▲	6	70006	(000000-	)	Gasket, Hyd Cap	1
▲	7	61288	(000000-	)	Gasket, Hyd Tank Breather	2
	8	767248	(000000-	)	Cap. Quick Disconnect	1
	9	767271	(000000-	)	Ftg-Special	1
	10	767272	(000000-	)	Fitting, Hyd	1
	11	767275	(000000-	)	Plate, Filter Mount	1
	12	767273	(000000-	)	Manifold Block, Filter	1
	13	762445	(000000-	)	Fitting, Hyd	2
	14	79868	(000000-	)	Fitting, Hyd	1
	15	762075	(000000-	)	Gauge, Sight	1
	16	762437	(000000-	)	Fitting, Hyd	1
	17	762446	(000000-	)	Fitting, Hyd	1
	18	762105	(000000-	)	Valve, Check, Vonberg	1
	19	762438	(000000-	)	Fitting, Hyd	1
	20	762435	(000000-	)	Fitting, Hyd	1
	21	762448	(000000-	)	Fitting, Hyd	1
	22	762484	(000000-	)	Fitting-Hyd	1

Fig. 49 - Hydraulic Pumps Group



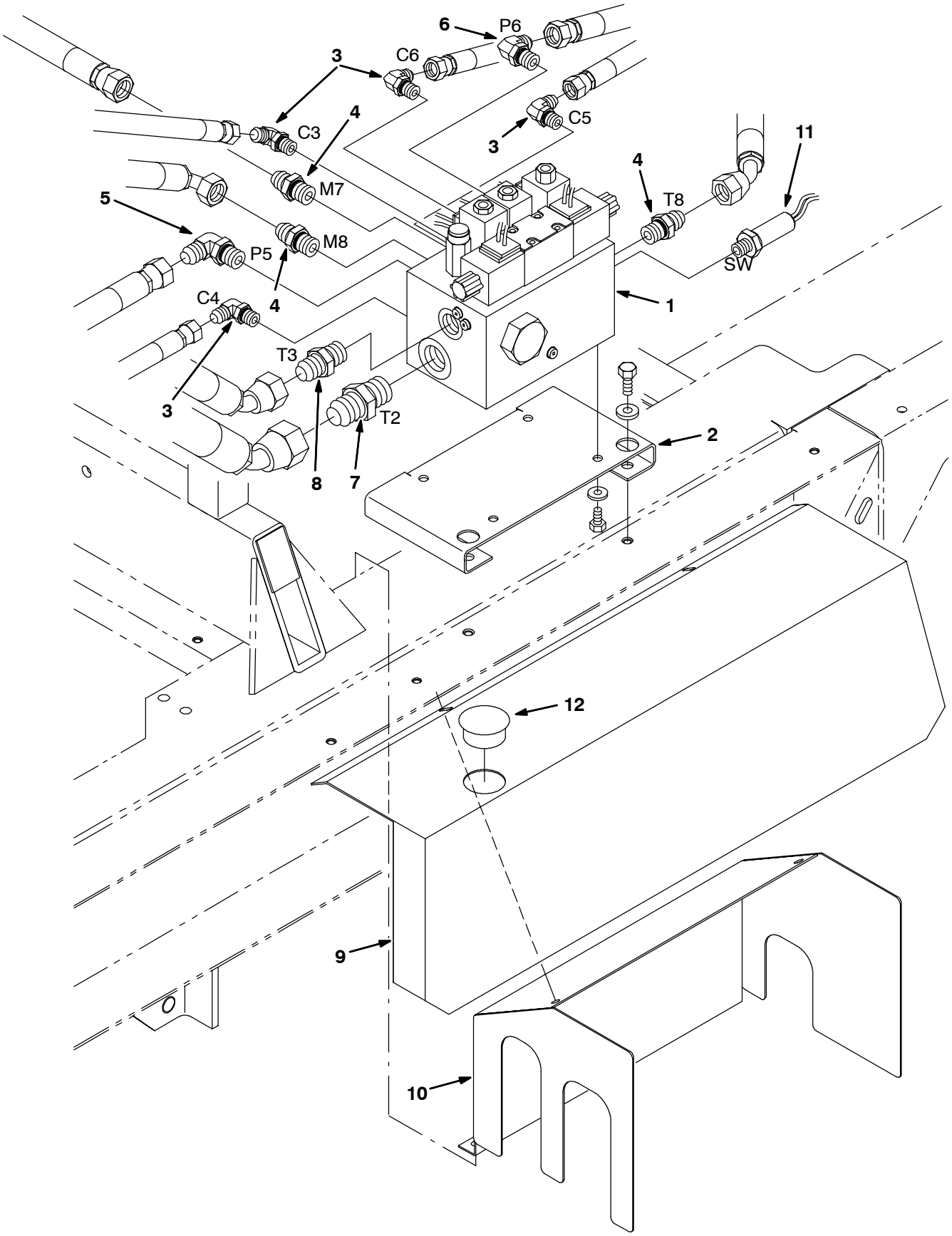
351901

Fig. 49 - Hydraulic Pumps Group

	Ref.	TENNANT Part No.	Machine Number	Serial	Description	Qty.
	1	767200	(000000-	)	Pump, Piston (See Breakdowns)	1
▽		769006	(000000-	)	Repl. Kit, Pump, Hyd Gear	1
▲	2	762024	(000000-	)	Pump, Hyd Gear 1.76 Cid (See Breakdowns)	1
▲	3	769004	(000000-	)	O-Ring	1
▲	4	769005	(000000-	)	O-Ring	1
▽	5	767005	(000000-	)	Pump, Hyd Double Gear	1
	6	762469	(000000-	)	Ftg-Hyd, Str	1
	7	762433	(000000-	)	Ftg-Hyd, Str	1
	8	762427	(000000-	)	Ftg-Hyd, E90	2
	9	762425	(000000-	)	Ftg_Hyd, E90	1
	10	762288	(000000-	)	Ftg-Hyd, E90	1
	11	762457	(000000-	)	Ftg-Hyd, Str	3
	12	762487	(000000-	)	Ftg-Hyd Sae Flange	2
	13	762446	(000000-	)	Ftg-Hyd, E90	1
	14	762463	(000000-	)	Ftg-Hyd, Str	1
	15	767407	(000000-	)	Ftg-Hyd, E90	2
	16	762464	(000000-	)	Ftg-Hyd, E90	1
▽	17	762103	(000000-	)	Valve, Speed Control	1
▲		371748	(000000-	)	Kit, Seal	1
	18	762425	(000000-	)	Ftg-Hyd, E90	3
	19	762489	(000000-	)	Ftg-Hyd, Str	1
	20	767014	(000000-	)	O-Ring	2

▲ 1035508 Seal kit 1

Fig. 50 - Hydraulic Conveyor Lift Control Valve Group

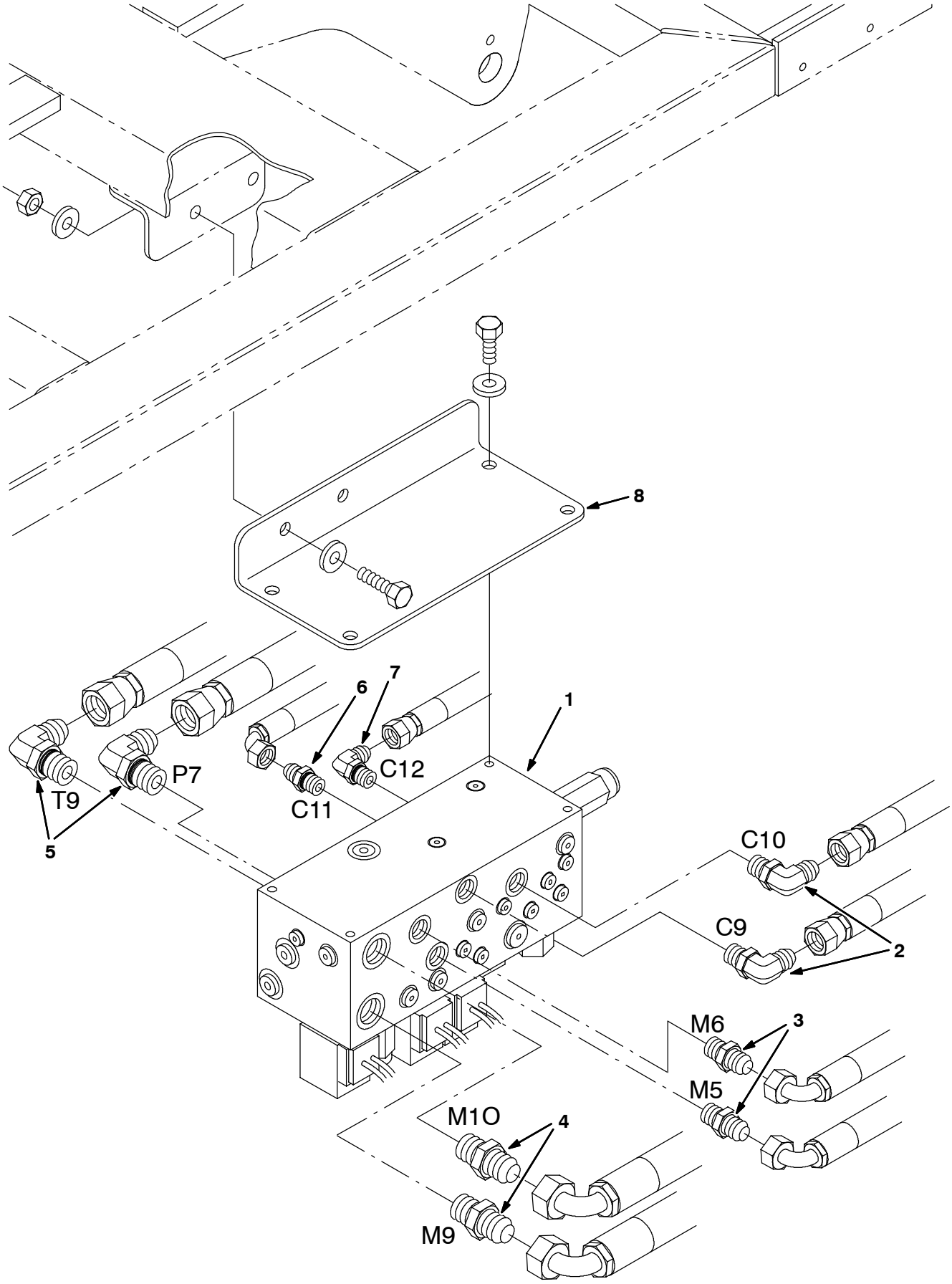


351907

Fig. 50 - Hydraulic Conveyor Lift Control Valve Group

Ref.	TENNANT Part No.	Machine Serial Number	Description	Qty.
1	767008	(000000–)	Valve, Hyd Control Sol (See Breakdowns)	1
2	767027	(000000–)	Bracket, Hyd Valve Mtg	1
3	762425	(000000–)	Fitting, Hyd	4
4	762463	(000000–)	Fitting, Hyd	3
5	762464	(000000–)	Fitting, Hyd	1
6	762437	(000000–)	Fitting, Hyd	1
7	762481	(000000–)	Fitting, Hyd	1
8	79868	(000000–)	Fitting, Hyd	1
9	767033	(000000–)	Cover, Valve, Outer	1
10	767040	(000000–)	Cover Wldt, Valve, Inner	1
11	769077	(000000–)	Switch Assembly, Pressure, Hyd	1
12	768471	(000000–)	Button, Plug	1

Fig. 51 - Hydraulic Hopper Control Valve Group

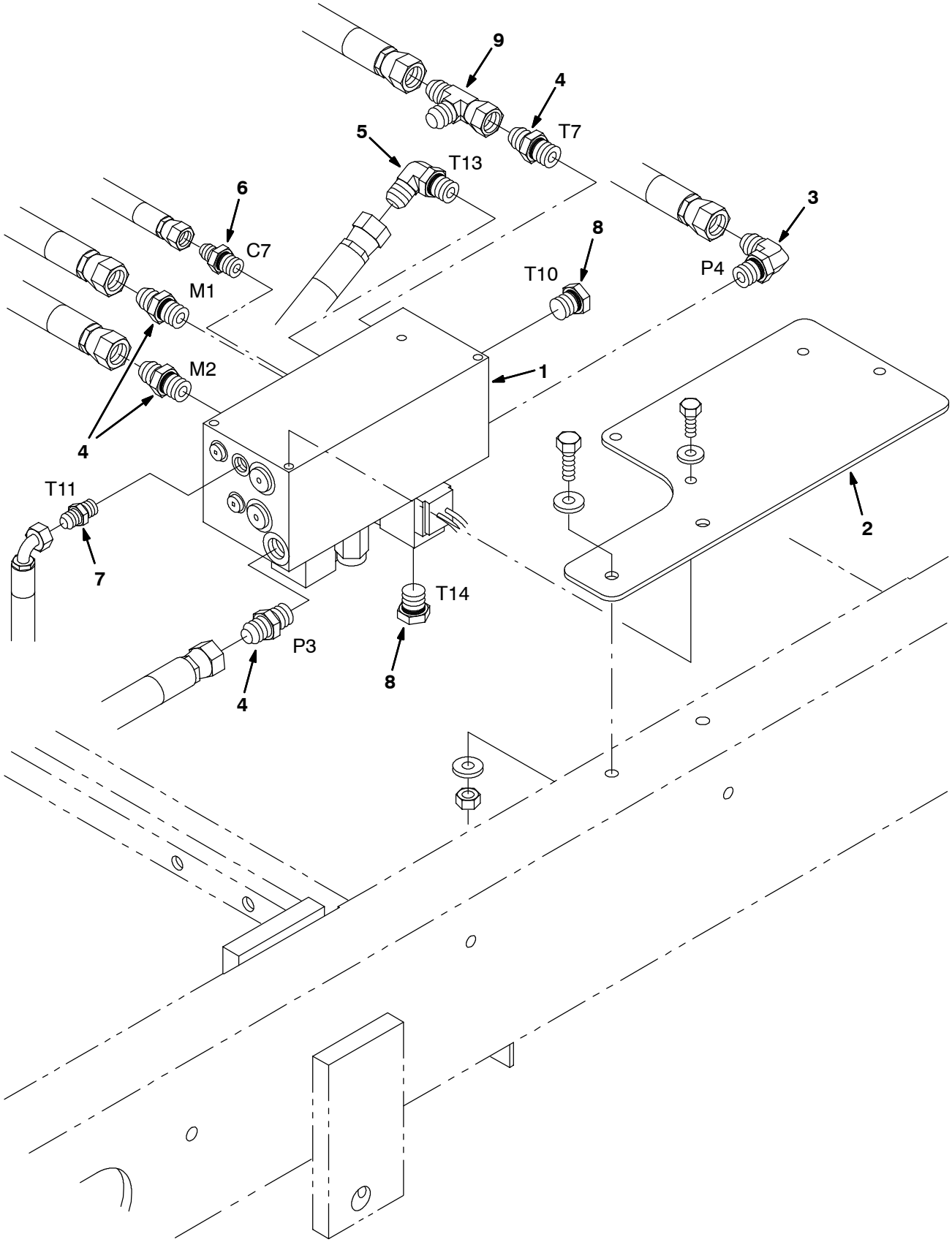


351909

Fig. 51 - Hydraulic Hopper Control Valve Group

Ref.	TENNANT Part No.	Machine Serial Number	Description	Qty.
1	767007	(000000-004332)	Valve, Hyd Control Sol-Hopper (See Breakdowns)	1
1	768899	(004333-)	Valve, Hyd Control Sol-Hopper (See Breakdowns)	1
2	762432	(000000-)	Fitting, Hyd	2
3	762433	(000000-)	Fitting, Hyd	2
4	762463	(000000-)	Fitting, Hyd	2
5	762464	(000000-)	Fitting, Hyd	2
6	762428	(000000-)	Fitting-Hyd, Str	1
7	762427	(000000-)	Fitting, Hyd, Elbow	1
8	767026	(000000-)	Angle, Hyd Valve Mount	1

Fig. 52 - Hydraulic Brush Control Valve Group

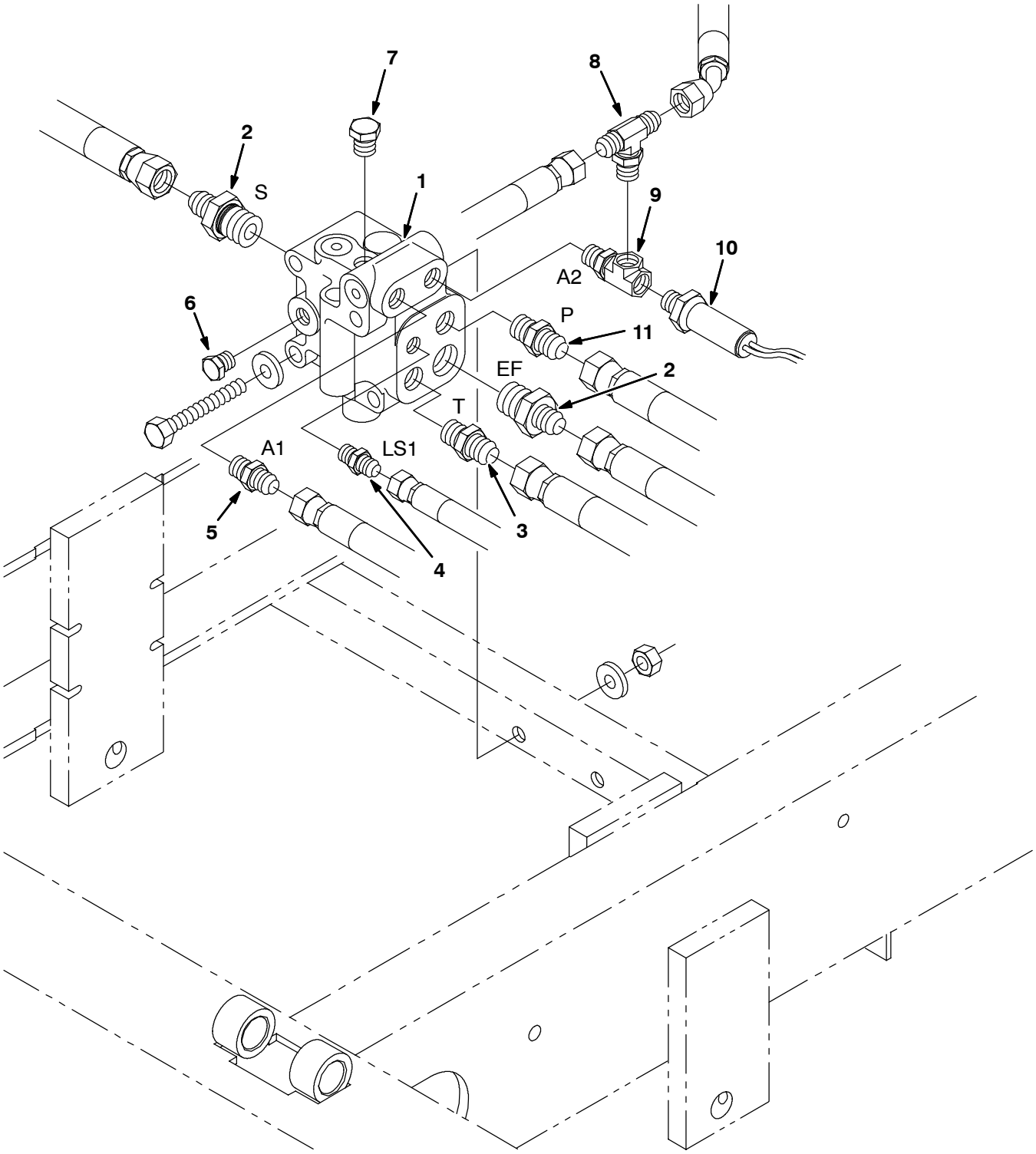


351905

Fig. 52 - Hydraulic Brush Control Valve Group

Ref.	TENNANT Part No.	Machine Serial Number	Description	Qty.
1	767220	(000000–)	Valve, Hyd Control Sol–Sb (See Breakdowns)	1
2	767030	(000000–)	Plate, Hyd Valve Mount	1
3	762437	(000000–)	Fitting, Hyd	1
4	762445	(000000–)	Fitting, Hyd	4
5	762446	(000000–)	Fitting, Hyd	1
6	762426	(000000–)	Fitting, Hyd, Str	1
7	762428	(000000–)	Fitting–Hyd, Str	1
8	762494	(000000–)	Fitting, Hyd, Plug	2
9	762447	(000000–)	Fitting, Hyd	1

Fig. 53 - Hydraulic Steering and Brake Valve Group

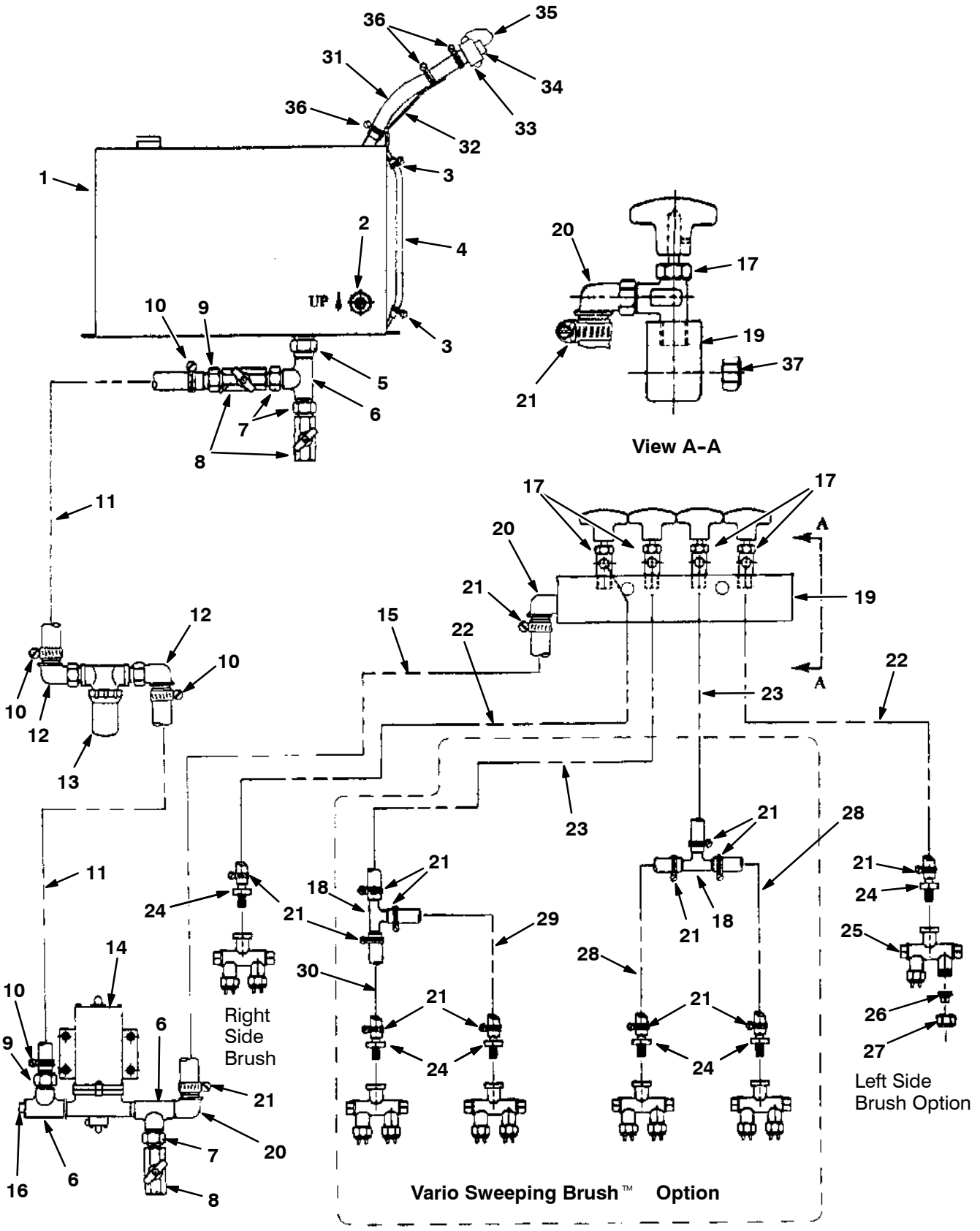


351903

Fig. 53 - Hydraulic Steering and Brake Valve Group

Ref.	TENNANT Part No.	Machine Serial Number	Description	Qty.
1	767221	(000000–)	Valve, Steering Dual Accumulator	1
2	762457	(000000–)	Fitting, Hyd	2
3	762438	(000000–)	Fitting, Hyd	1
4	762428	(000000–)	Fitting–Hyd, Str	1
5	762433	(000000–)	Fitting, Hyd	1
6	33812	(000000–)	Fitting, Hyd, Plug	1
7	46482	(000000–)	Fitting, Hyd, Plug	1
8	762436	(000000–)	Fitting, Hyd	1
9	767424	(000000–)	Fitting, Hyd	1
10	769078	(000000–)	Switch Assembly, Pressure, Hyd	1
11	762445	(000000–)	Fitting, Hyd	1

Fig. 54 - Water Spray Group

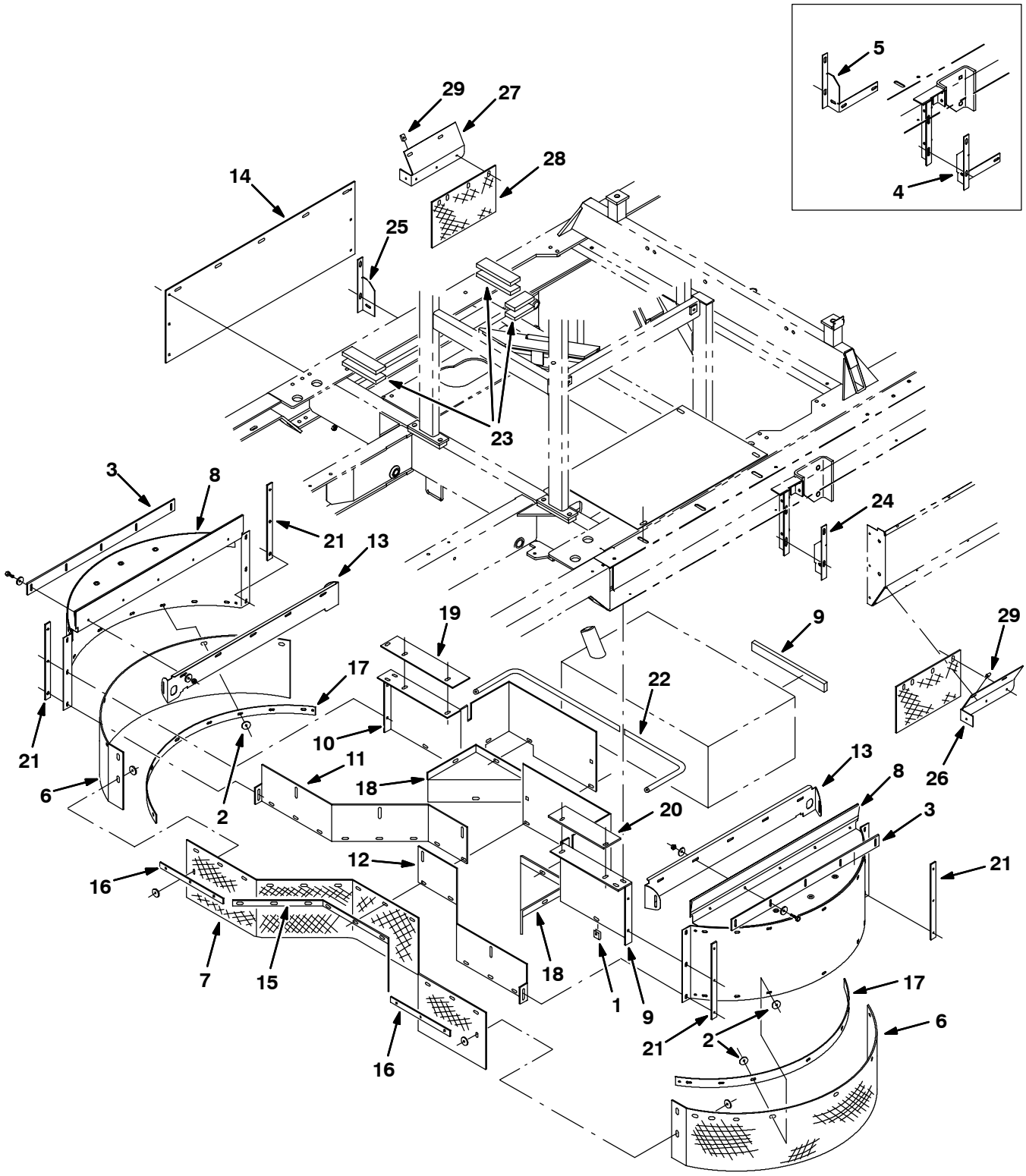


351935

Fig. 54 - Water Spray Group

	Ref.	TENNANT Part No.	Machine Serial Number	Description	Qty.
	1	768301	(000000-)	Water Tank	1
	2	57145	(000000-)	Switch, Level Sensor	1
	3	43844	(000000-)	Clamp-Wormdrive, 0.25- 0.62D	2
	4	762204	(000000-)	Indicator, Sight Tube	1
	5	762225	(000000-)	Ftg-Hyd Str	1
	6	762212	(000000-)	Tee, .50Fx.50Fx.50F	2
	7	762233	(000000-)	Nipple, .50Mx.50M	3
	8	762228	(000000-)	Valve, Vac Wand Spray .50F	3
	9	762214	(000000-)	Nipple, .50M X .75B	1
	10	11399	(000000-)	Clamp-Wormdrive, 0.81- 1.50D	4
	11	762213	(000000-)	Hose,Water .75Inx7.0Ft	1
	12	40145	(000000-)	Ftg,Plstc,Elb,Barb.50Pt-.75Hse	2
	13	762209	(000000-)	Filter, 50 Mesh	1
▽	14	761828	(000000-)	Pump, Water 12V (With Connectors)	1
▲		761832	(000000-)	Upper Housing	1
▲		761833	(000000-)	Bypass Vlv.Kit	1
▲		761834	(000000-)	Santoprene DiaphKit	1
	15	762222	(000000-)	Hose,Water .50 in x 8.0 Ft	1
	16	17521	(000000-)	Ftg, Plug	1
	17	762217	(000000-)	Valve, Water Spray	4
	18	762219	(000000-)	Tee, .50Bx.50Bx.50B	2
	19	767205	(000000-)	Manifold, Water	1
	20	63244-1	(000000-)	Ftg,Plstc,Elb,Barb.50Pt-.50Hse	6
	21	54333	(000000-)	Clamp-Wormdrive, 0.31- 0.88D	18
	22	762259	(000000-)	Hose,Water .50 In x 10.0 Ft	2
	23	762223	(000000-)	Hose,Water .50 In x16.0 Ft	2
	24	762249	(000000-)	Ftg-Brs Str Bm08/Pm04	6
	25	762220	(000000-)	Tee, Water Spray	6
	26	762221	(000000-)	Nozzle, Water Spray	12
	27	762234	(000000-)	Cap, Spray Nozzle	12
	28	762224	(000000-)	Hose,Water .50Inx1.0Ft	2
	29	762246	(000000-)	Hose,Water .50Inx2.08Ft	1
	30	762245	(000000-)	Hose,Water .50Inx0.29Ft	1
	31	768324	(000000-)	Hose, Water	1
	32	768305	(000000-)	Bracket, Nozzle	1
	33	768320	(000000-)	Coupler, Cam	1
	34	768323	(000000-)	Plug, Dust, Cam Coupler	1
	35	57702	(000000-)	Cable	1
	36	22297	(000000-)	Clamp, Wormdrive	3
	37	768311	(000000-)	Nut Retainer M8	2

Fig. 55 - Dry Dust Control Group

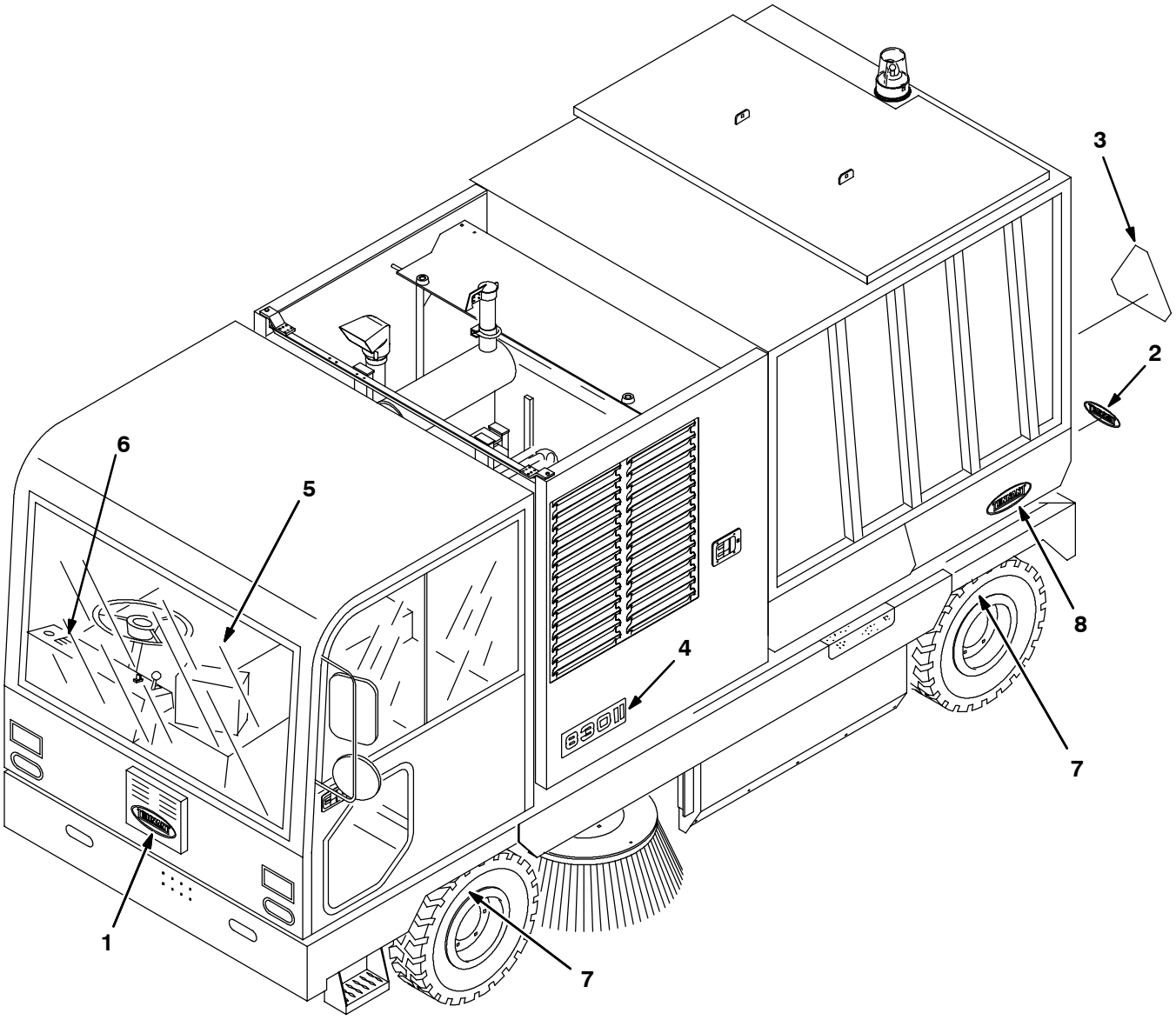


351913

Fig. 55 - Dry Dust Control Group

Ref.	TENNANT Part No.	Machine Serial Number	Description	Qty.
1	12271	(000000-)	Nut, U, M06-1.0	32
2	41178	(000000-)	Washer, Flat, .25 Fender	84
3	768091	(000000-)	Bar, Seal, Upper	2
4	768101	(000000-003099)	Kit, Brush Door, Lh	1
5	768102	(000000-003099)	Kit, Brush Door, Rh	1
6	764261	(000000-)	Skirt Kit, Side Brush	2
7	764260	(000000-)	Skirt Kit, Front Dust Control	1
8	768100	(000000-)	Shroud Assembly (Left Sidebrush Shroud Assy Optional)	2
9	764254	(000000-)	Panel	1
10	764253	(000000-)	Panel	1
11	764234	(000000-)	Panel	1
12	764235	(000000-)	Panel	1
13	769087	(000000-)	Arm, Seal, Upper	2
14	768096	(000000-)	Shroud, Side Modified (When no Sidebrush is used)	1
15	764238	(000000-)	Retainer	1
16	764263	(000000-)	Retainer, Front Ends SBDC	2
17	764240	(000000-)	Retainer	2
18	764241	(000000-)	Panel	2
19	764244	(000000-)	Bar, Support, Rh	1
20	764245	(000000-)	Bar, Support, Lh	1
21	764256	(000000-)	Retainer	4
22	760552	(000000-)	Seal, Str W/.75 Bubble 52”Lg	1
23	760532	(000000-)	Seal Kit, 15ft.	1
24	768103	(003100-)	Bracket, Skirt, Lh	1
25	768104	(003100-)	Bracket, Skirt, Rh	1
26	768038	(000000-)	Bracket, Dust Containment, Lh	1
27	768039	(000000-)	Bracket, Dust Containment, Rh	1
28	768089	(003100-)	Skirt, Dust Containment	2
29	58595	(003100-)	Nut, U, M08-1.25	4

Fig. 56 - Labels Group



351992 - NA

Ref.	TENNANT Part No.	Machine Serial Number	Description	Qty.
1	09901	(000000-)	Label,Tennant Logo	1
2	17200	(000000-)	Label, Tennant Logo- 10.0 Blue	1
3	760980	(000000-)	Label, Slow Moving Vehicle	1
4	768815	(000000-)	Label, Numeral, 830-II	2
5	765960	(000000-)	Label, Set, Info & Hazard	1
6	768800	(000000-)	Label, Set, Operational	1
7	760984	(000000-)	Label, Bias Tire	4
7	760983	(000000-)	Label, Radial Tire	4
8	09905	(000000-)	Label, Tennant Logo	2

SECTION 3

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Fig. 1 - High Dump Hopper Lift Group

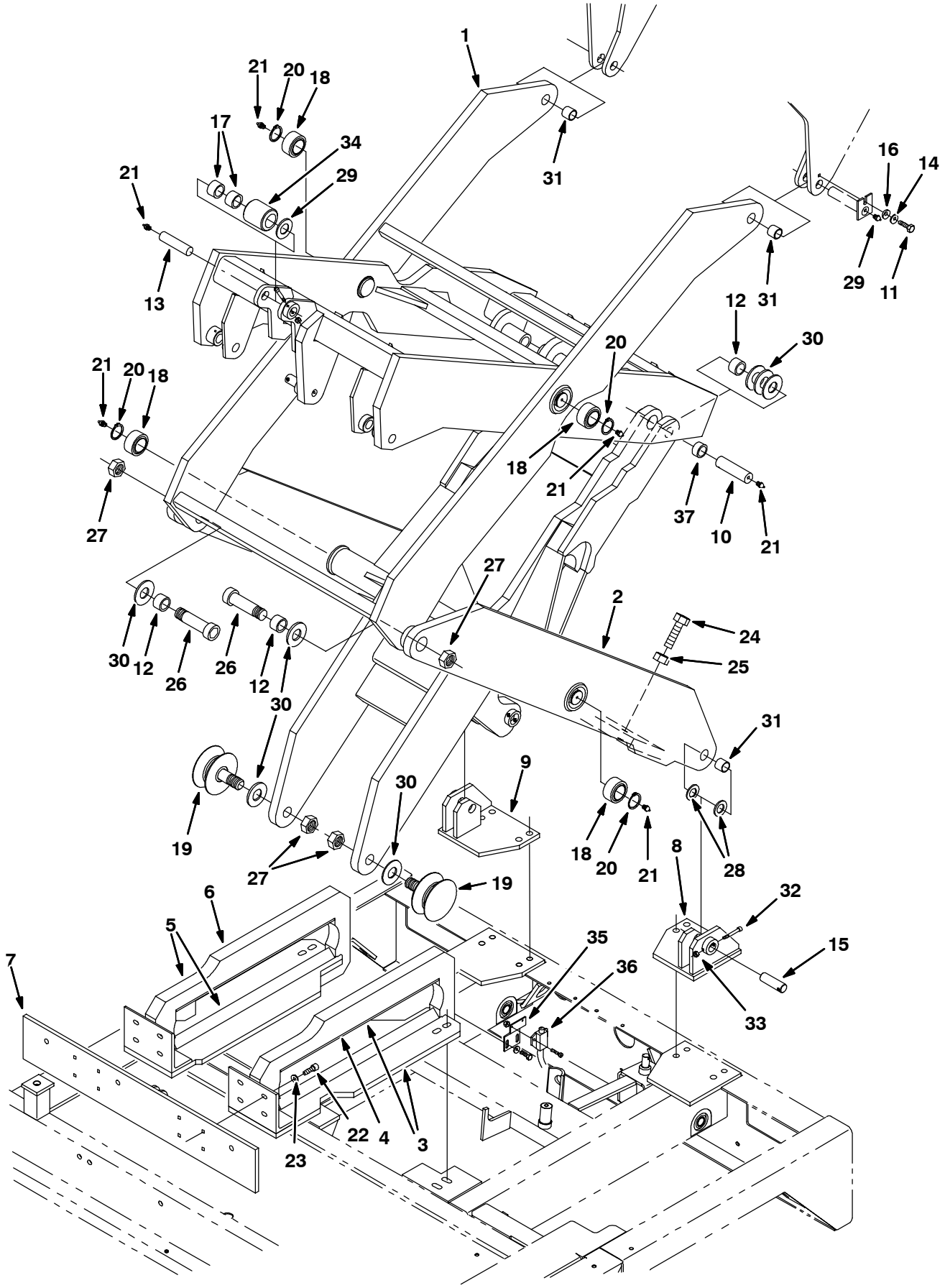

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Fig. 1 - High Dump Hopper Lift Group

	Ref.	TENNANT Part No.	Machine Serial Number		Description	Qty.
	1	769547	(000000-	)	Leg Assy, Upper W/Label	1
	2	769548	(000000-	)	Leg Assy, Lower W/Label	1
▽	3	769503	(000000-	)	Guide,Cam Roller,Lh	1
▲	4	765435	(000000-	)	Guide,Cam Roller,Up	1
▽	5	769504	(000000-	)	Guide,Cam Roller,Rh	1
▲	6	765435	(000000-	)	Guide,Cam Roller,Up	1
	7	765465	(000000-	)	Pulley, Lift,Brush	1
	8	765620	(000000-	)	Mount,Frame,Rear Lh	1
	9	765621	(000000-	)	Mount,Frame,Rear Rh	1
▽		769509	(000000-	)	Pin Assy,Leg,Inside	2
▲	10	769510	(000000-	)	Pin, Leg, Inside	2
	11	06961	(000000-	)	Screw, Hex, M10 X 1.5 X 20, 8.8	2
	12	769522	(000000-	)	Bushing, Sleeve, 30mmb 40mmd 25mml, Bnz	4
▽		769511	(000000-	)	Pin Assy, Roller, Hpr	1
▲	13	769512	(000000-	)	Pin, Roller,Hopper	1
	14	32988	(000000-	)	Washer, Lock, Int, .38	1
▽		769513	(000000-	)	Pin Assy,Leg,Outsid	2
▲	15	769514	(000000-	)	Pin, Leg, Outside	2
	16	32492	(000000-	)	Washer, Flat, 0.38 Std	2
	17	769522	(000000-	)	Bushing	2
	18	769524	(000000-	)	Bearing, Spherical	4
	19	769528	(000000-	)	Follower, Cam	2
	20	769529	(000000-	)	Ring, Retaining	4
	21	769534	(000000-	)	Ftg, Nipple, Grease	6
	22	39283	(000000-	)	Screw, Hex, M10 X 1.5 X 25, 8.8	12
	23	763042	(000000-	)	Washer, Belleville, M10	12
	24	06992	(000000-	)	Screw, Hex, M20 X 2.5 X 50, 8.8	2
	25	763067	(000000-	)	Nut, Hex, Jam M20 X 2.5	2
	26	769541	(000000-	)	Screw	2
	27	769542	(000000-	)	Nut, Lock, Ny	4
	28	769554	(000000-	)	Washer	4
	29	47801	(000000-	)	Fitting, Grease, Str Pm04 .63l	2
	30	769545	(000000-	)	Washer, Flat	7
	31	769523	(000000-	)	Bushing, Sleeve	4
	32	09294	(000000-	)	Screw, Soc, M 8 X 1.25 X 60, 12.9	3
	33	08709	(000000-	)	Nut, Hex, Lock, M 8 X 1.25 Nl	3
	34	769549	(000000-	)	Roller, Hopper	1
	35	768502	(000000-	)	Bracket	1
	36	762591	(000000-	)	Switch	1
	37	769563	(000000-	)	Bushing	2

Fig. 2 - High Dump Hopper Lift Cylinders Group

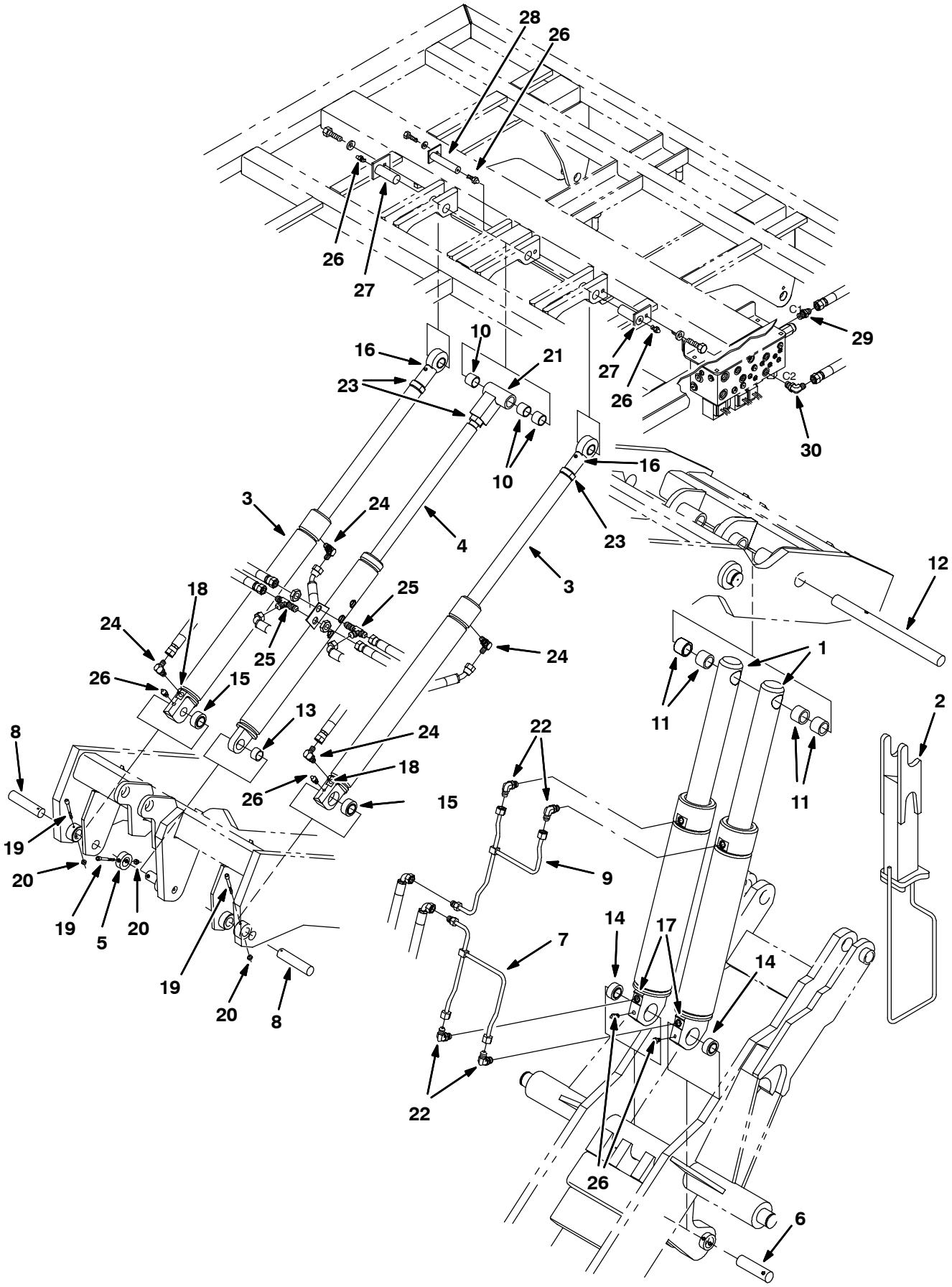

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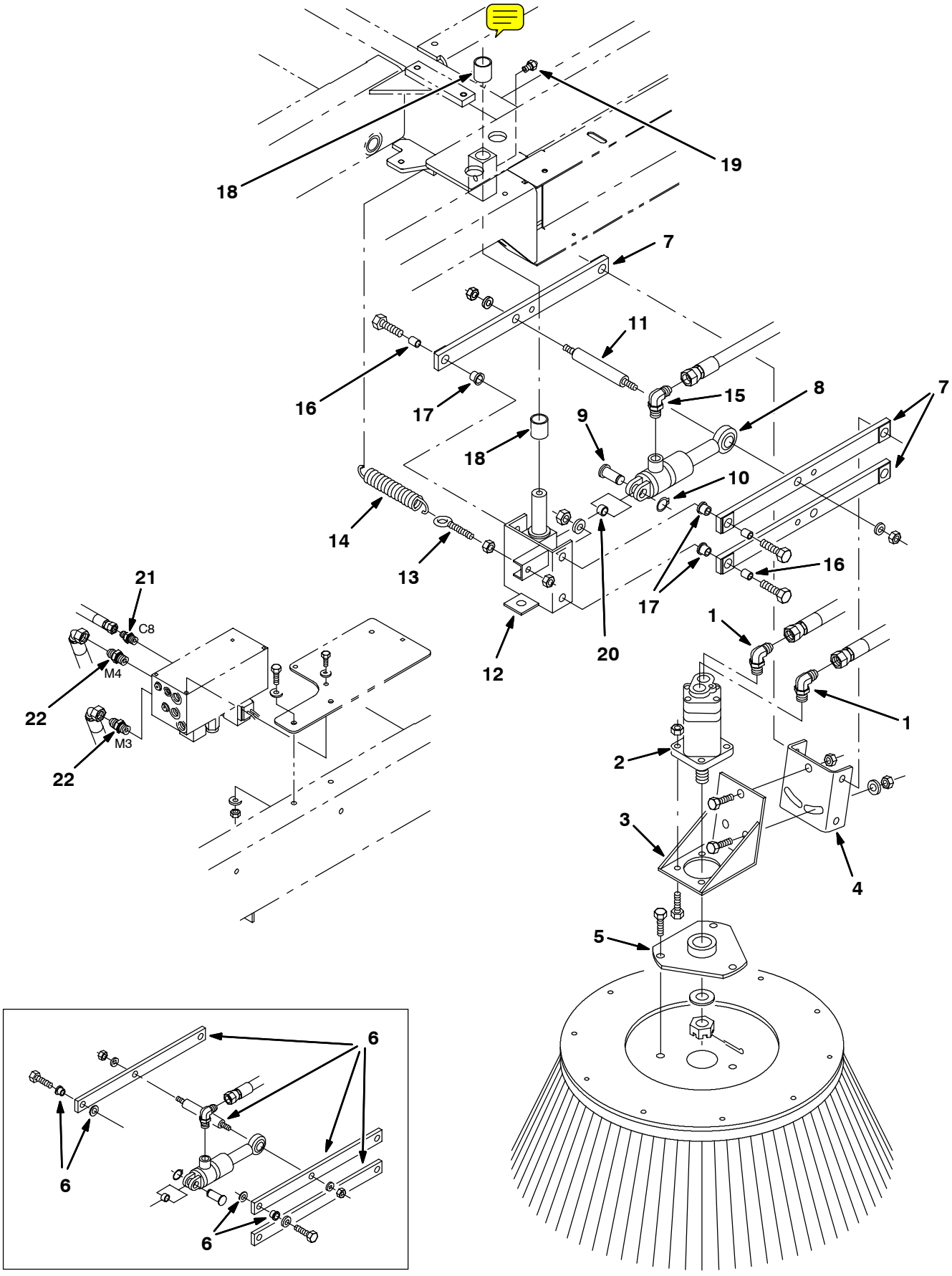
Fig. 2 - High Dump Hopper Lift Cylinders Group

	Ref.	TENNANT Part No.	Machine Serial Number	Description	Qty.
	1	765410	(000000–)	Cylinder, Lift	2
	2	765445	(000000–)	Support, Maintenance, Lift W/Label	1
	3	765409	(000000–)	Cylinder, Tilt	2
	4	765444	(000000–)	Tilt, Maintenance, Stand W/Label	1
	5	769518	(000000–)	Ring, Lock	1
▽		769507	(000000–)	Pin Assy, Cyl,Lift	2
▲	6	769508	(000000–)	Pin, Cyl, Lift	2
	7	765491	(000000–)	Tube	1
▽		769515	(000000–)	Pin Assy, Cyl,Tilt	2
▲	8	769516	(000000–)	Pin, Cyl, Tilt	2
	9	765492	(000000–)	Tube	1
	10	769523	(000000–)	Bushing	3
	11	769522	(000000–)	Bushing	4
	12	769561	(000000–)	Pin, Rod Cyl, Lift	1
	13	769562	(000000–)	Bushing	1
	14	769525	(000000–)	Bearing, Spherical	2
	15	769526	(000000–)	Bearing, Spherical	2
	16	769527	(000000–)	Rod, End, Cyl,Tilt	2
	17	769530	(000000–)	Fuse, Velocity	2
	18	769531	(000000–)	Fuse, Velocity	2
	19	09294	(000000–)	Screw, Soc, M 8 X 1.25 X 60	6
	20	08709	(000000–)	Nut, Hex, Lock, M 8 X 1.25	6
	21	769558	(000000–)	Clevis Assy, Support	1
	22	762438	(000000–)	Fitting, Hyd	4
	23	769540	(000000–)	Nut, Jam	3
	24	762425	(000000–)	Fitting, Hyd	4
	25	762444	(000000–)	Fitting, Hyd	2
	26	47801	(000000–)	Fitting, Grease	7
	27	760682	(000000–)	Pin Wldt, Safety Leg, Lower	2
	28	760695	(000000–)	Pin	1
	29	762433	(000000–)	Fitting, Hyd	1
	30	762432	(000000–)	Fitting, Hyd	1

Fig. 3 - Left Side Brush Group



351966

Fig. 3 - Left Side Brush Group

	Ref.	TENNANT Part No.	Machine Serial Number	Description	Qty.
	1	767411	(000000-)	Ftg-Hyd, E90	2
	2	762059	(000000-)	Motor, Hyd S Br W/End Ports (See Breakdowns)	1
	3	761209	(000000-)	Bracket,Hyd.Motor Support	1
	4	768834	(000000-)	Channel Weldt,Lower Support	1
	5	761428	(000000-)	Hub Weldt,Side Brush	1
	6	767642	(000000-004077)	Replacement Kit, Side Brush Linkage	1
	7	768836	(004078-)	Bar, Wldt. Brush Support	3
▽	8	762043	(000000-)	Cylinder, Hyd S Br Lift	1
▲		762073	(000000-)	Kit, Seal, Cyl, Hyd	1
	9	761229	(000000-)	Pin,Hyd.Cylinder	1
	10	763005	(000000-)	Retaining Ring, M16	1
	11	767644	(004078-)	Shaft, Side Brush	1
	12	768852	(000000-)	Bracket Wldt,Side Brush Lh	1
	13	761225	(000000-)	Eyebolt, .50-13X3.5”	1
	14	761223	(000000-)	Spring	1
	15	762425	(000000-)	Ftg-Hyd, E90	1
	16	768842	(004078-)	Tube	6
	17	767641	(004078-)	Bearing, Flange	6
	18	763003	(000000-)	Bearing,	2
	19	47801	(000000-)	Ftg, Grease.25-28Th Strt .63L	1
	20	763007	(000000-)	Bearing	1
	21	762426	(000000-)	Ftg-Hyd, str	1
	22	762445	(000000-)	Ftg-Hyd, str	2

Fig. 4 - Right Hand Vario Sweeping Brush™ Arm Group

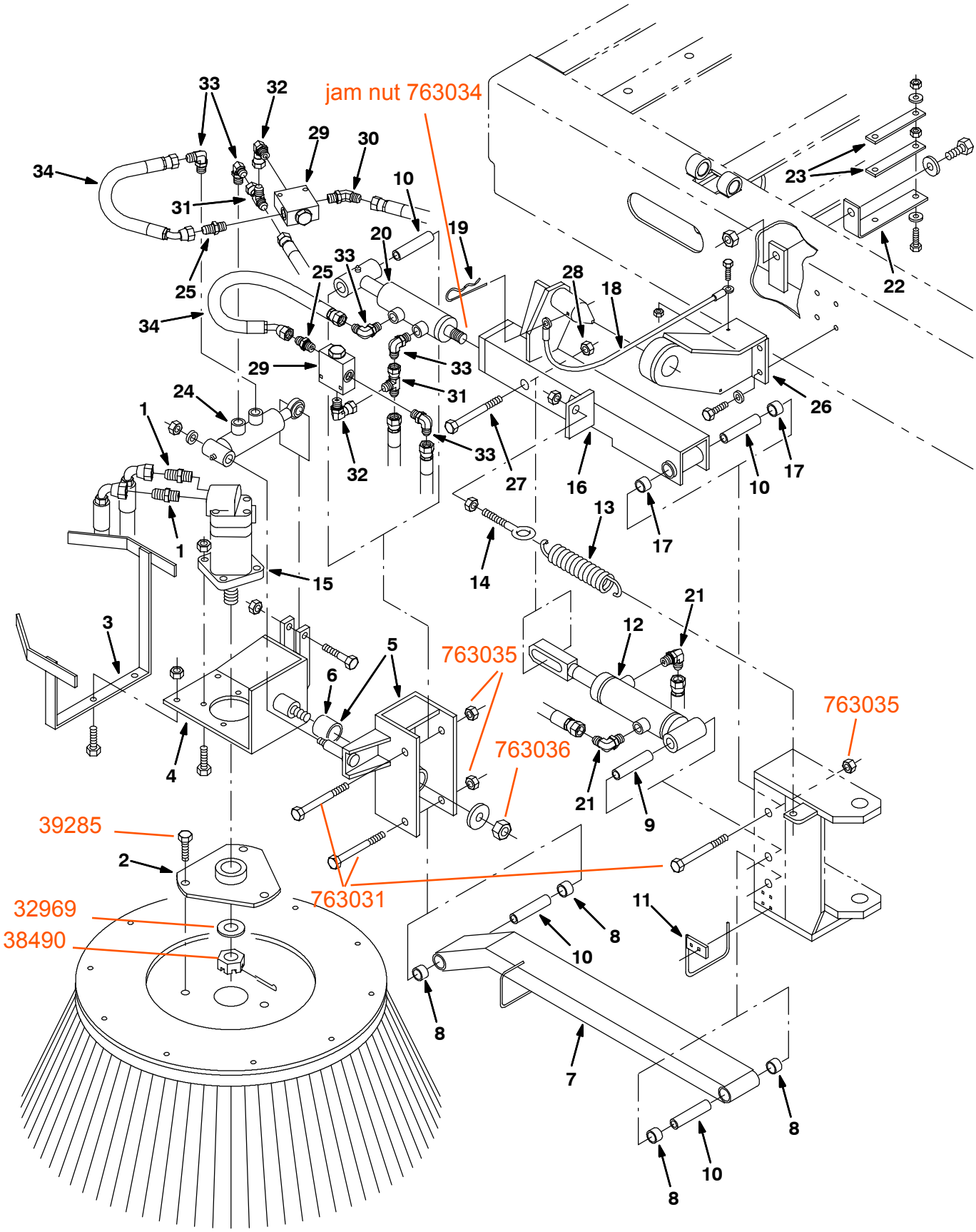


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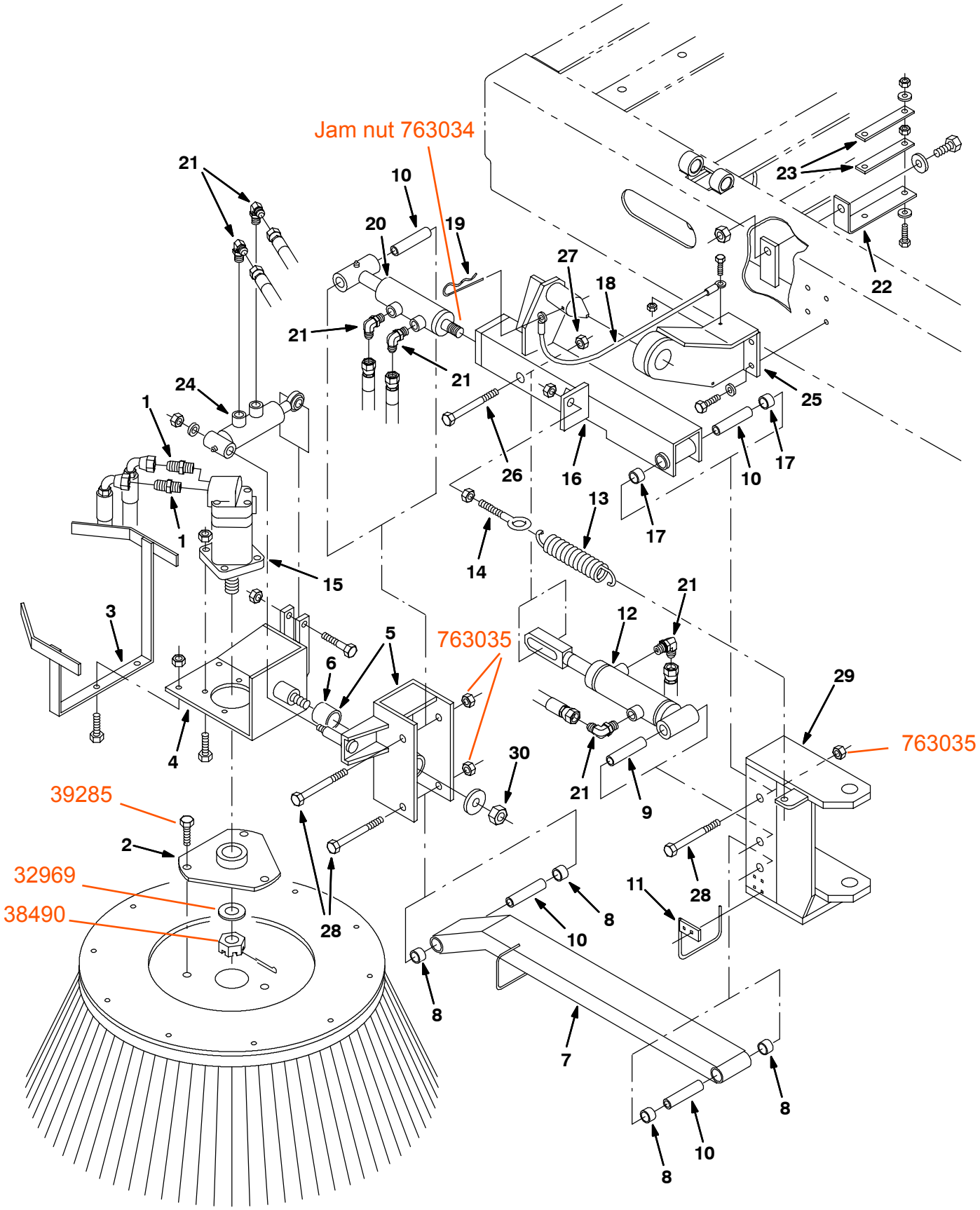
Fig. 4 - Right Hand Vario Sweeping Brush™ Arm Group

	Ref.	TENNANT Part No.	Machine Serial Number	Description	Qty.
	1	762456	(000000-003174)	Ftg-Hyd, Str	2
	2	761428	(000000-003174)	Hub Weldt,Side Brush	1
	3	761463	(000000-003174)	Bracket,Water System	1
	4	761451	(000000-003174)	Bracket Weldt,Hyd.Motor Mount	1
▽	5	761472	(000000-003174)	Bracket Weldt,Front Hinge	1
▲	6	761311	(000000-003174)	Bearing	1
▽	7	761469	(000000-003174)	Arm Weldt,Lower Brush Support	1
▲	8	761305	(000000-003174)	Bearing	4
	9	761445	(000000-003174)	Spacer,Hyd.Pivot	1
	10	761444	(000000-003174)	Spacer,Hyd.Pivot	4
	11	761464	(000000-003174)	Bracket Weldt,Hyd.Hose	1
▽	12	762004	(000000-003174)	Cylinder,Hyd, Brush Lift	1
▲		770029	(000000-003174)	Kit, Seal, Cyl, Hyd	1
	13	761343	(000000-003174)	Spring	1
	14	761225	(000000-003174)	Eyebolt, .50-13X3.5”	1
	15	762058	(000000-003174)	Motor, Hyd, Brush (See Breakdowns)	1
▽	16	761470	(000000-003174)	Arm Ass’y,Upper Brush Support	1
▲	17	761305	(000000-003174)	Bearing	2
	18	57702	(000000-003174)	Cable, Door, Access	1
	19	763026	(000000-003174)	Pin,Hair Cotter 1.00D.178Wire	1
	20	762002	(000000-003174)	Cylinder,Hyd, Curb Tilt	1
	21	762425	(000000-003174)	Ftg-Hyd, E90	3
	22	767038	(000000-003174)	Bracket, Hyd Hose Mount	1
	23	767037	(000000-003174)	Plate, Hyd Hose Mount	1
	24	762003	(000000-003174)	Cylinder,Hyd Brush Tilt	1
	25	762433	(000000-003174)	Ftg-Hyd, Str	2
	26	768077	(000000-003174)	Latch, Weldt, Brush Support	1
	27	763137	(000000-003174)	Scr, Hex M16x2.0x100	1
	28	33342	(000000-003174)	Nut-Hxlocnyln M16x2.0 Reg Pltd	1
	29	767247	(000000-003174)	Check Valve, Load Handling	2
	30	762442	(000000-003174)	Ftg-Hyd, E45	1
	31	762435	(000000-003174)	Ftg-Hyd, Tee	2
	32	762441	(000000-003174)	Ftg-Hyd, E90	2
	33	762432	(000000-003174)	Ftg-Hyd, E90	5
	34	767278	(000000-003174)	Hose-Hyd	2

Fig. 5 - Right Hand Vario Sweeping Brush™ Arm Group

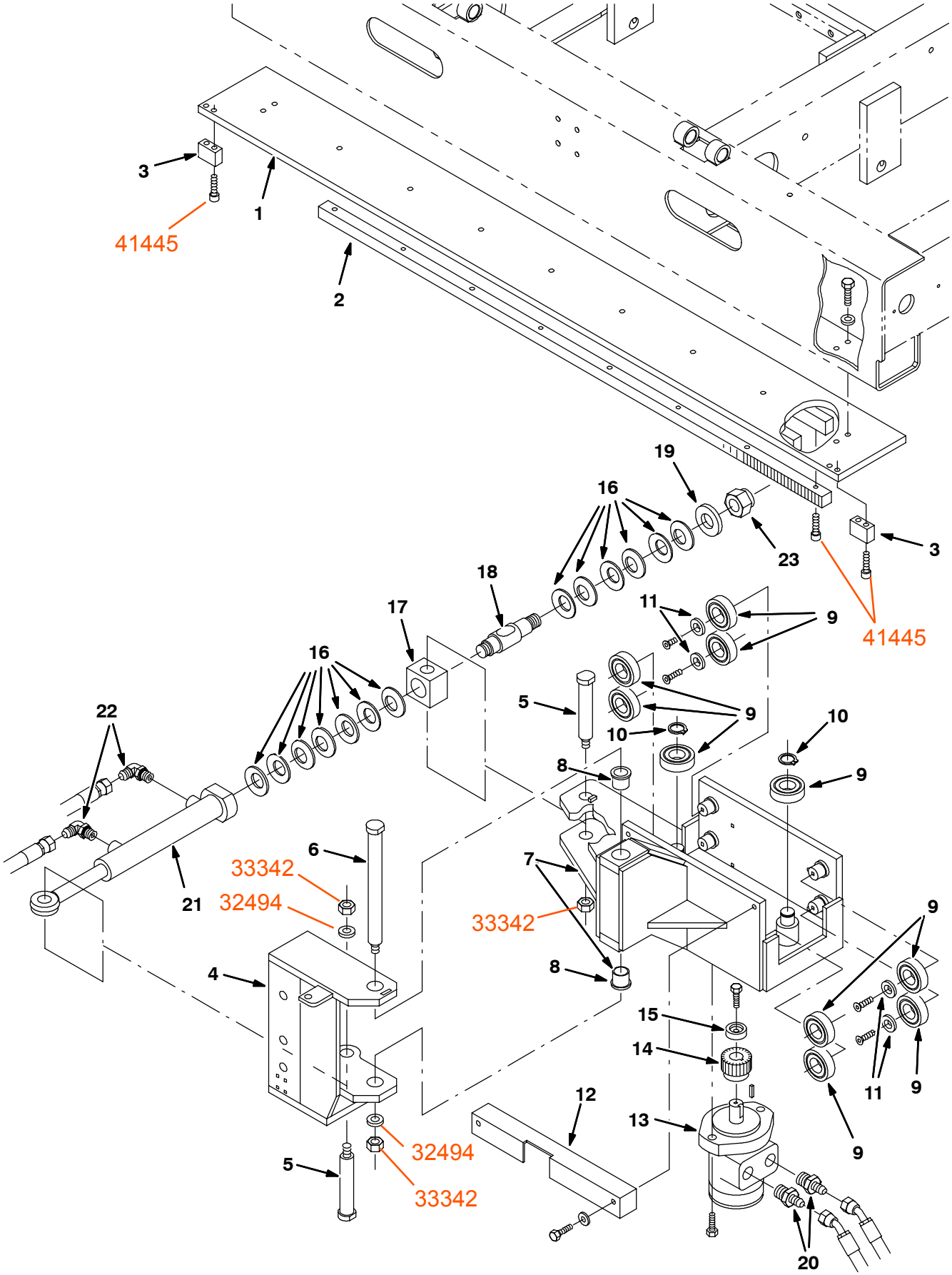


351917

Fig. 5 - Right Hand Vario Sweeping Brush™ Arm Group

	Ref.	TENNANT Part No.	Machine Serial Number	Description	Qty.
	1	762456	(003175-)	Ftg-Hyd, Str	2
	2	761428	(003175-)	Hub Weldt,Side Brush	1
	3	761463	(003175-)	Bracket,Water System	1
	4	761451	(003175-)	Bracket Weldt,Hyd.Motor Mount	1
▽	5	761472	(003175-)	Bracket Weldt,Front Hinge	1
▲	6	761311	(003175-)	Bearing	1
▽	7	761469	(003175-)	Arm Weldt,Lower Brush Support	1
▲	8	761305	(003175-)	Bearing	4
	9	761445	(003175-)	Spacer,Hyd.Pivot	1
	10	761444	(003175-)	Spacer,Hyd.Pivot	4
	11	761464	(003175-)	Bracket Weldt,Hyd.Hose	1
▽	12	762004	(003175-)	Cylinder,Hyd, Brush Lift	1
▲		770029	(003238-)	Kit, Seal, Cyl, Hyd	1
	13	761343	(003175-)	Spring	1
	14	761225	(003175-)	Eyebolt, .50-13X3.5”	1
	15	762058	(003175-)	Motor, Hyd, Brush (See Breakdowns)	1
▽	16	761470	(003175-)	Arm Ass’y,Upper Brush Support	1
▲	17	761305	(003175-)	Bearing	2
	18	57702	(003175-)	Cable, Door, Access	1
	19	763026	(003175-)	Pin,Hair Cotter 1.00D.178Wire	1
▽	20	762002	(003175-)	Cylinder,Hyd, Curb Tilt	1
▲		770027	(003238-)	Kit, Seal, Cyl, Hyd	1
	21	762425	(003175-)	Ftg-Hyd, E90	6
	22	767038	(003175-)	Bracket, Hyd Hose Mount	1
	23	767037	(003175-)	Plate, Hyd Hose Mount	1
▽	24	762003	(003175-)	Cylinder,Hyd Brush Tilt	1
▲		770028	(003286-)	Kit, Seal, Cyl, Hyd	1
	25	768077	(003175-)	Latch, Weldt, Brush Support	1
	26	763137	(003175-)	Scr, Hex M16x2.0x100	1
	27	33342	(003175-)	Nut-Hxlocnyln M16x2.0 Reg Pltd	1
	28	763031	(003175-)	Screw, Hex, M14 X 1.5 X 130	5
	29	763035	(003175-)	Nut, Hex, M14 X 1.5	5
	30	763036	(003175-)	Nut, Hex, Lock, M20 X 2.5	1

Fig. 6 - Right Hand Vario Sweeping Brush™ Dolly Group

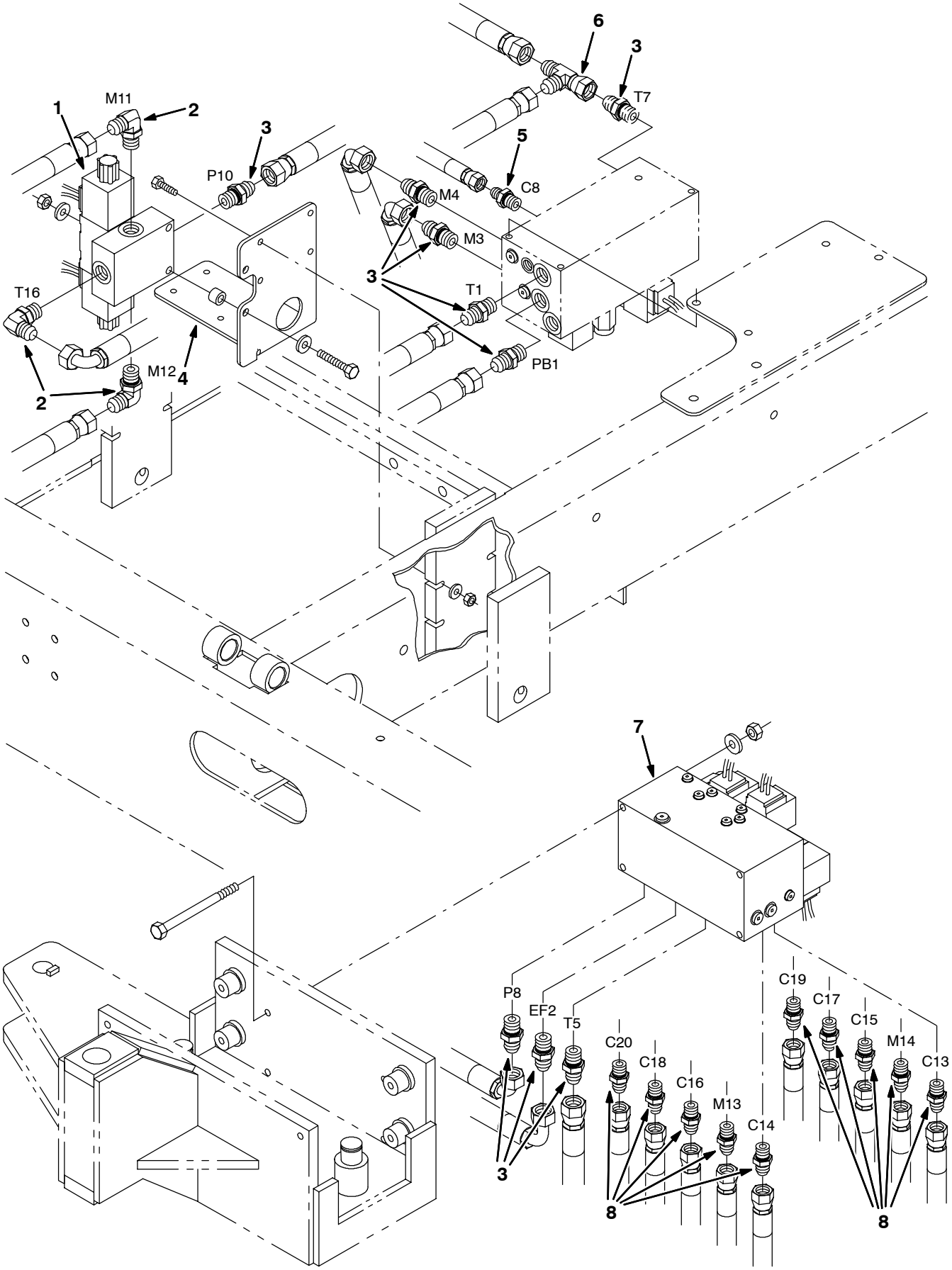


351915

Fig. 6 - Right Hand Vario Sweeping Brush™ Dolly Group

	Ref.	TENNANT Part No.	Machine Serial Number	Description	Qty.
	1	761447	(000000-)	Guide Weldt,Undercarriage	1
	2	761317	(000000-)	Rack, Undercarriage	1
	3	761460	(000000-)	Block,Undercarriage Limiter	2
	4	761458	(000000-)	Hinge Weldt,Brush Arm	1
	5	761455	(000000-)	Pin,Spring Mount	2
	6	761457	(000000-)	Pin,Hinge	1
▽	7	761479	(000000-)	Dolly Weldt,Undercarriage	1
▲	8	761312	(000000-)	Bearing	2
	9	761345	(000000-)	Bearing, Cam Follower	10
	10	761307	(000000-)	Ring, Retaining Ext 25Mm	2
	11	761446	(000000-)	Washer	8
	12	761448	(000000-)	Cover,Undercarriage	1
	13	767020	(000000-)	Motor, Hyd, Brush Transprt (See Breakdowns)	1
	14	761328	(000000-)	Gear	1
	15	761449	(000000-)	Washer,Hyd.Motor	1
	16	761340	(000000-)	Spring, Belleville	12
	17	761454	(000000-)	Pivot,Spring Guide	1
	18	761453	(000000-)	Guide, Spring	1
	19	761355	(000000-)	Washer, Mounting, Spring	1
	20	762439	(000000-)	Ftg-Hyd, Str	2
▽	21	762006	(000000-)	Cylinder,Hyd, Brush Swing	1
▲		762072	(003268-)	Kit, Seal, Cyl, Hyd	1
	22	762425	(000000-)	Ftg-Hyd, E90	2
	23	763120	(000000-)	Nut, Hex, Lock, M24x2.0nyln	1

Fig. 7 - Right Hand Hydraulic Vario Brush Control Group

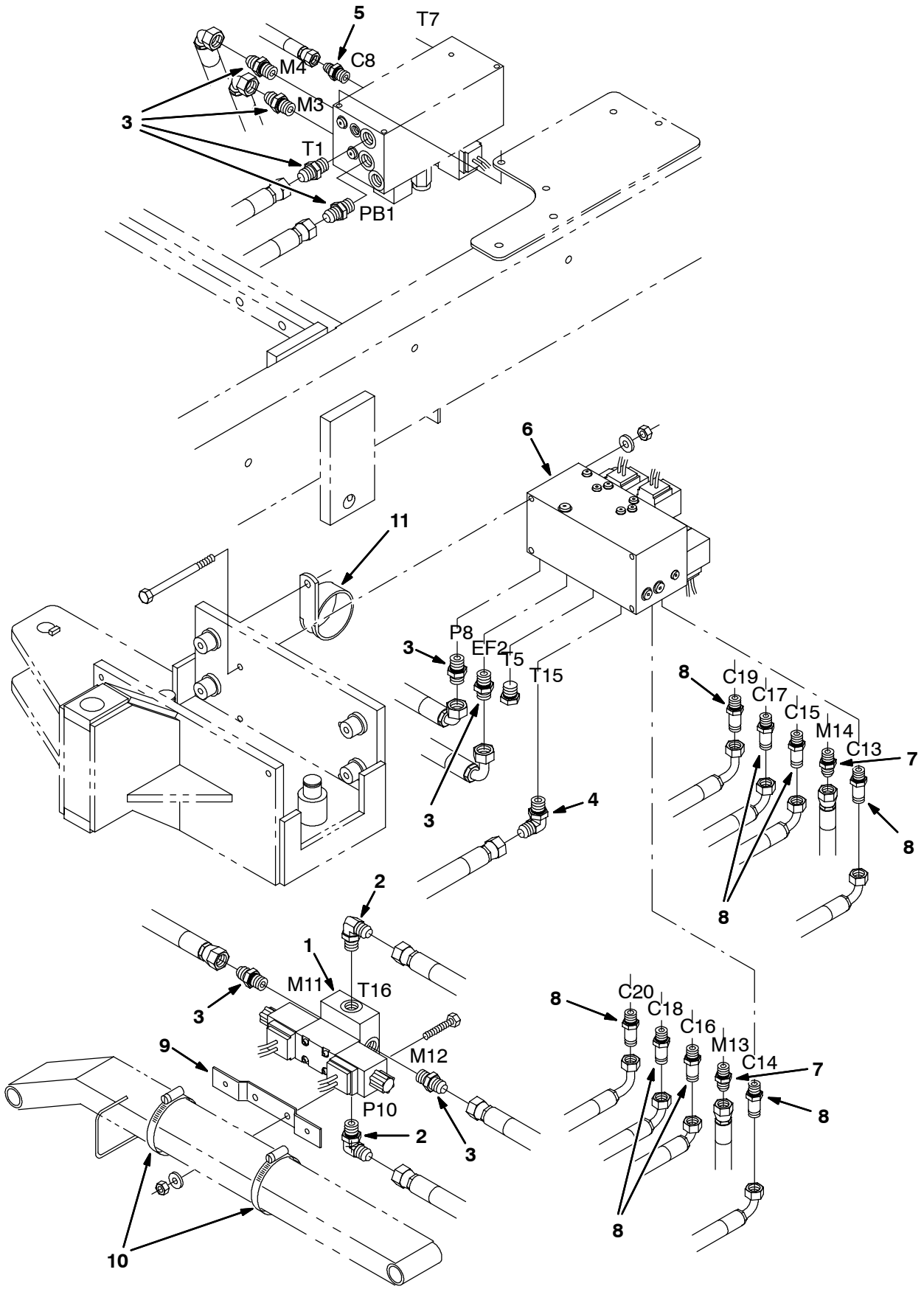


351911

Fig. 7 - Right Hand Hydraulic Vario Brush Control Group

Ref.	TENNANT Part No.	Machine Serial Number	Description	Qty.
1	767218	(000000-003174)	Valve, Hyd Cntrl Sol - Vario (See Breakdowns)	1
2	762446	(000000-003174)	Ftg-Hyd, 90	3
3	762445	(000000-003174)	Ftg-Hyd, Str	9
4	767024	(000000-003174)	Bracket, Mtg	1
5	762426	(000000-003174)	Ftg-Hyd	1
6	762447	(000000-003174)	Ftg-Hyd	1
7	767208	(000000-003174)	Valve, Hyd Cntrl Sol - Vario (See Breakdowns)	1
8	762428	(000000-003174)	Ftg-Hyd, Str	10

Fig. 8 - Right Hand Hydraulic Vario Brush Control Group

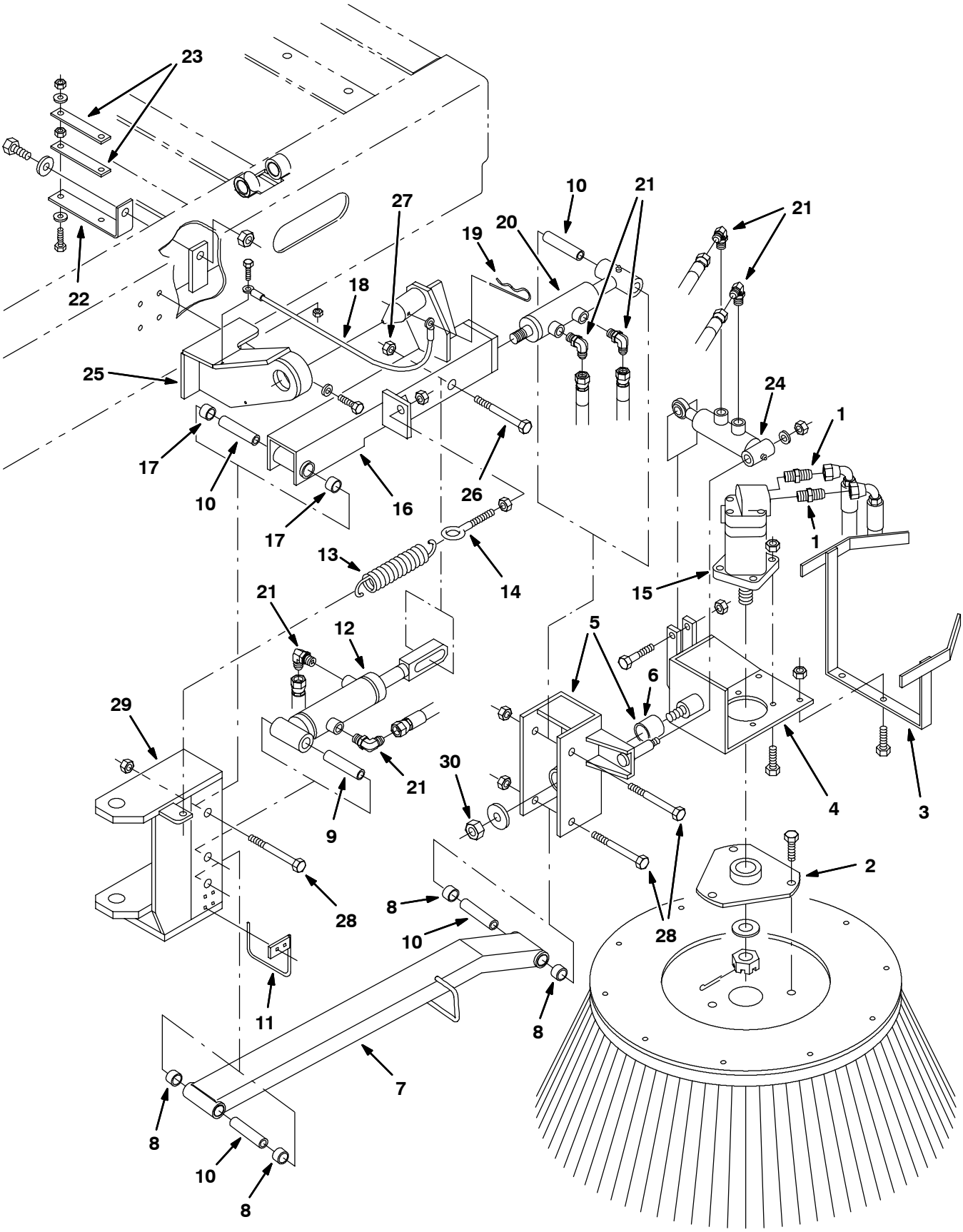


351911

Fig. 8 - Right Hand Hydraulic Vario Brush Control Group

Ref.	TENNANT Part No.	Machine Serial Number		Description	Qty.
1	767218	(003175-	)	Valve, Hyd Cntrl Sol - Vario (See Breakdowns)	1
2	762446	(003175-	)	Ftg-Hyd, 90	2
3	762445	(003175-	)	Ftg-Hyd, Str	8
4	762437	(003175-	)	Ftg-Hyd, 90	1
5	762426	(003175-	)	Ftg-Hyd, Str	1
6	767215	(003175-	)	Valve, Hyd Cntrl Sol - Vario (See Breakdowns)	1
7	762428	(003175-	)	Ftg-Hyd, Str	2
8	767429	(003175-	)	Ftg-Hyd, Str	8
9	768079	(003175-	)	Bracket	1
10	17188	(003175-	)	Hose Clamps	2
11	70157	(003175-	)	Clamp, Cable	1

Fig. 9 - Left Hand Vario Sweeping Brush™ Arm Group

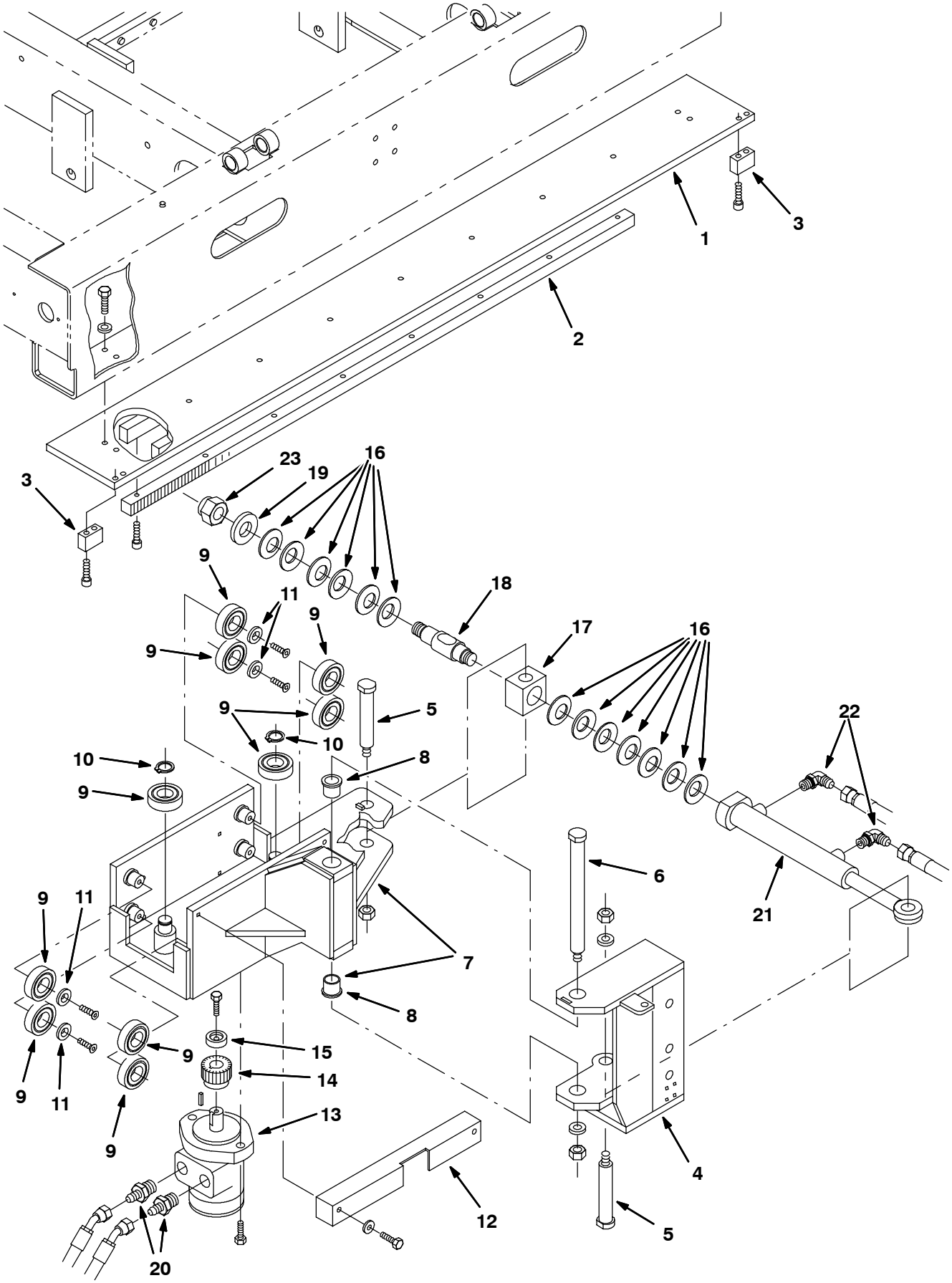


352058

Fig. 9 - Left Hand Vario Sweeping Brush™ Arm Group

	Ref.	TENNANT Part No.	Machine Serial Number	Description	Qty.
	1	762456	(000000-)	Fitting, Hyd, Str	2
	2	761428	(000000-)	Hub, Brush	1
	3	768067	(000000-)	Bracket Wldt, Water Sys, Lh	1
	4	768063	(000000-)	Bracket Wldt, Motor Mount, Lh	1
▽	5	768062	(000000-)	Bracket Wldt, Front Hinge, Lh	1
▲	6	761311	(000000-)	Bearing	1
▽	7	768060	(000000-)	Arm Wldt, Lower Brush Support	1
▲	8	761305	(000000-)	Bearing	4
	9	761445	(000000-)	Spacer	1
	10	761444	(000000-)	Spacer	4
	11	768078	(000000-)	Bracket, Hose, Hyd, Lh	1
▽	12	762004	(000000-)	Cylinder, Hyd	1
▲		770029	(003238-)	Kit, Seal, Cyl, Hyd	1
	13	761343	(000000-)	Spring	1
	14	761225	(000000-)	Bolt, Eye	1
	15	762058	(000000-)	Motor, Hyd 3Rd Brush	1
▽	16	768061	(000000-)	Arm Wldt, Upper Brush, Lh	1
▲	17	761305	(000000-)	Bearing	2
	18	57702	(000000-)	Cable, Door, Access	1
	19	763026	(000000-)	Pin, Hair Cotter	1
▽	20	762002	(000000-)	Cylinder, Hyd	1
▲		770027	(003238-)	Kit, Seal, Cyl, Hyd	1
	21	762425	(000000-)	Fitting, Hyd	6
	22	767038	(000000-)	Bracket, Hyd Hose Mount	1
	23	767037	(000000-)	Plate, Hyd Hose Mount	1
▽	24	762003	(000000-)	Cylinder, Hyd	1
▲		770028	(003286-)	Kit, Seal, Cyl, Hyd	1
	25	768053	(000000-)	Latch Wldt, Brush Arm, Lh	1
	26	763137	(000000-)	Screw, Hex	1
	27	33342	(000000-)	Nut, Hex, Lock, M16	1
	28	763031	(003175-)	Screw, Hex, M14 X 1.5 X 130	5
	29	763035	(003175-)	Nut, Hex, M14 X 1.5	5
	30	763036	(003175-)	Nut, Hex, Lock, M20 X 2.5	1

Fig. 10 - Left Hand Vario Sweeping Brush™ Dolly Group

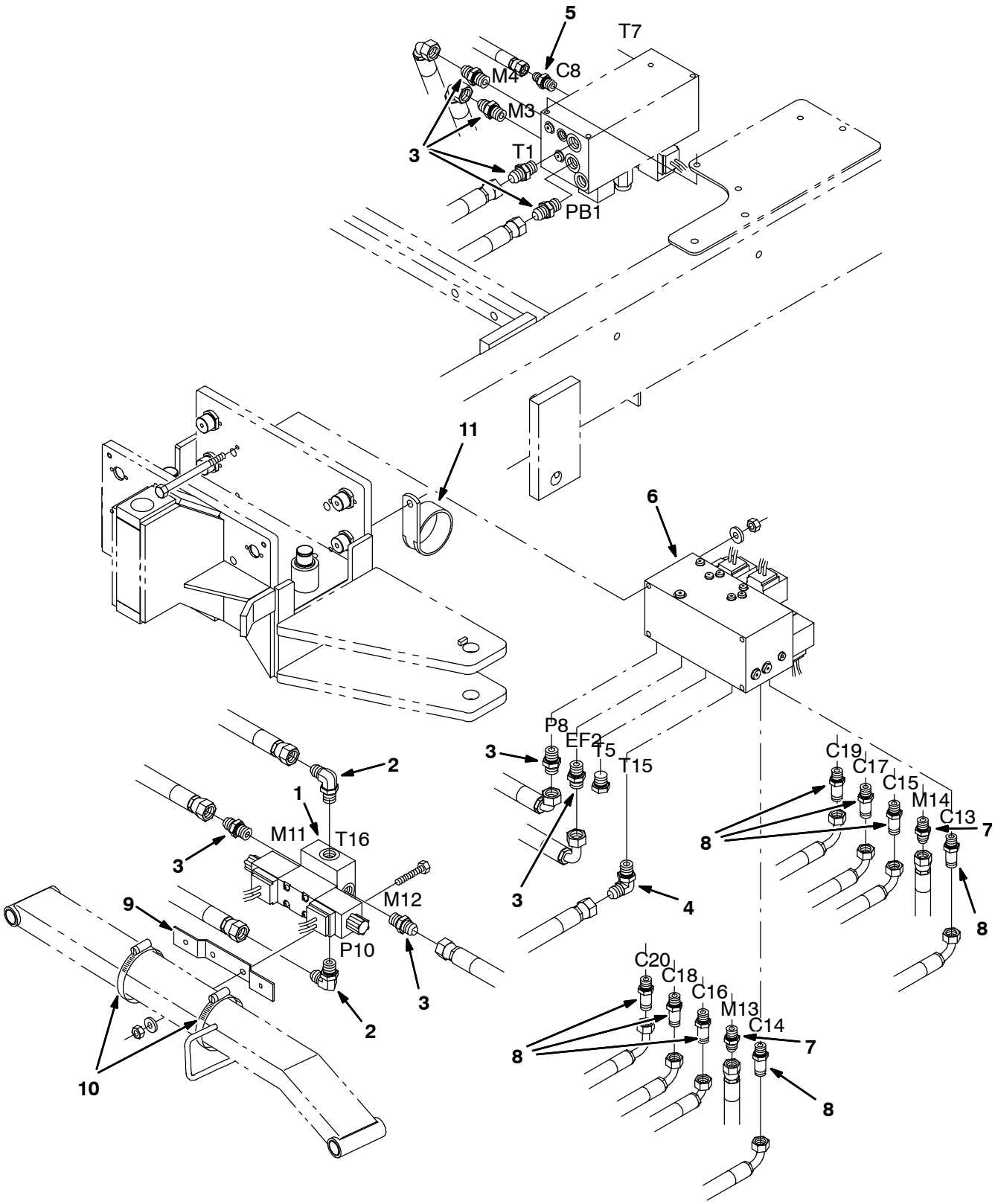


352060

Fig. 10 - Left Hand Vario Sweeping Brush™ Dolly Group

	Ref.	TENNANT Part No.	Machine Serial Number	Description	Qty.
	1	761447	(000000–)	Guide	1
	2	761317	(000000–)	Rack, Undercarriage	1
	3	761460	(000000–)	Block	2
	4	768052	(000000–)	Hinge Wldt, Brush Arm, Lh	1
	5	761455	(000000–)	Pin, Spring	2
	6	761457	(000000–)	Pin, Hinge	1
▽	7	768056	(000000–)	Dolly Wldt, Undercarriage	1
▲	8	761312	(000000–)	Bearing	2
	9	761345	(000000–)	Bearing, Cam Follower	10
	10	761307	(000000–)	Ring, Retaining	2
	11	761446	(000000–)	Washer	8
	12	768066	(000000–)	Cover, Undercarriage, Lh	1
	13	767020	(000000–)	Motor, Hyd Transport Vario	1
	14	761328	(000000–)	Gear	1
	15	761449	(000000–)	Washer	1
	16	761340	(000000–)	Spring, Bellville	12
	17	761454	(000000–)	Pivot	1
	18	761453	(000000–)	Guide	1
	19	761355	(000000–)	Washer	1
	20	762439	(000000–)	Fitting, Hyd	2
▽	21	762006	(000000–)	Cylinder, Hyd	1
▲		762072	(003268–)	Kit, Seal, Cyl, Hyd	1
	22	762425	(000000–)	Fitting, Hyd	2
	23	763120	(000000–)	Nut, Hex, Lock, M24x2.0nyln	1

Fig. 11 - Left Hand Hydraulic Vario Brush Control Group

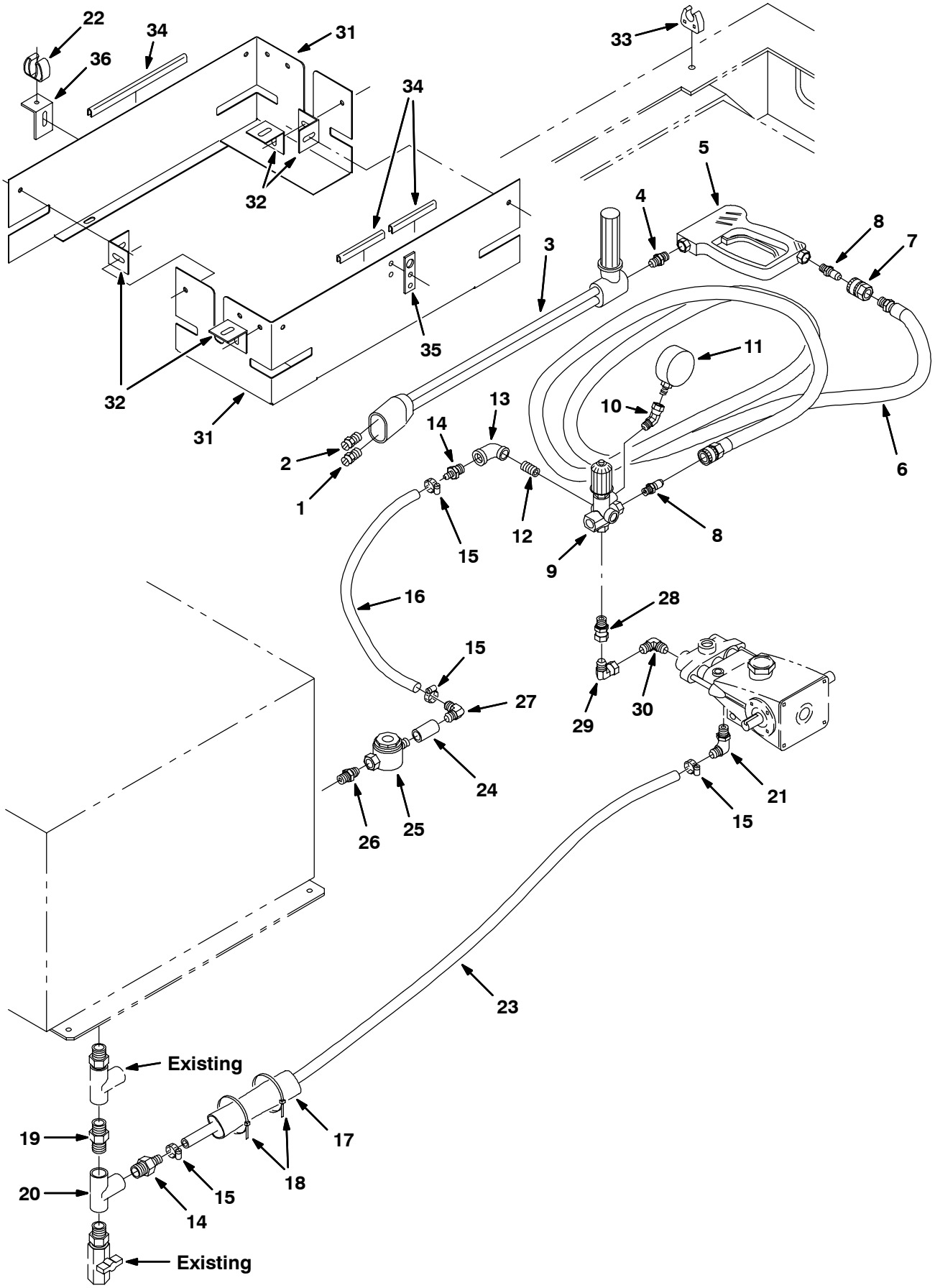


352062

Fig. 11 - Left Hand Hydraulic Vario Brush Control Group

Ref.	TENNANT Part No.	Machine Serial Number		Description	Qty.
1	767218	(000000-	)	Valve, Hyd Cntrl Sol - Vario (See Breakdowns)	1
2	762446	(000000-	)	Ftg-Hyd, 90	2
3	762445	(000000-	)	Ftg-Hyd, Str	8
4	762437	(000000-	)	Ftg-Hyd, 90	1
5	767426	(000000-	)	Ftg-Hyd, Str	1
6	767215	(000000-	)	Valve, Hyd Cntrl Sol - Vario (See Breakdowns)	1
7	762428	(000000-	)	Ftg-Hyd, Str	2
8	767429	(000000-	)	Ftg-Hyd, Str	8
9	768079	(000000-	)	Bracket	1
10	17188	(000000-	)	Hose Clamp	2
11	70157	(000000-	)	Clamp, Cable	1

Fig. 12 - High Pressure Sprayer Wand Group

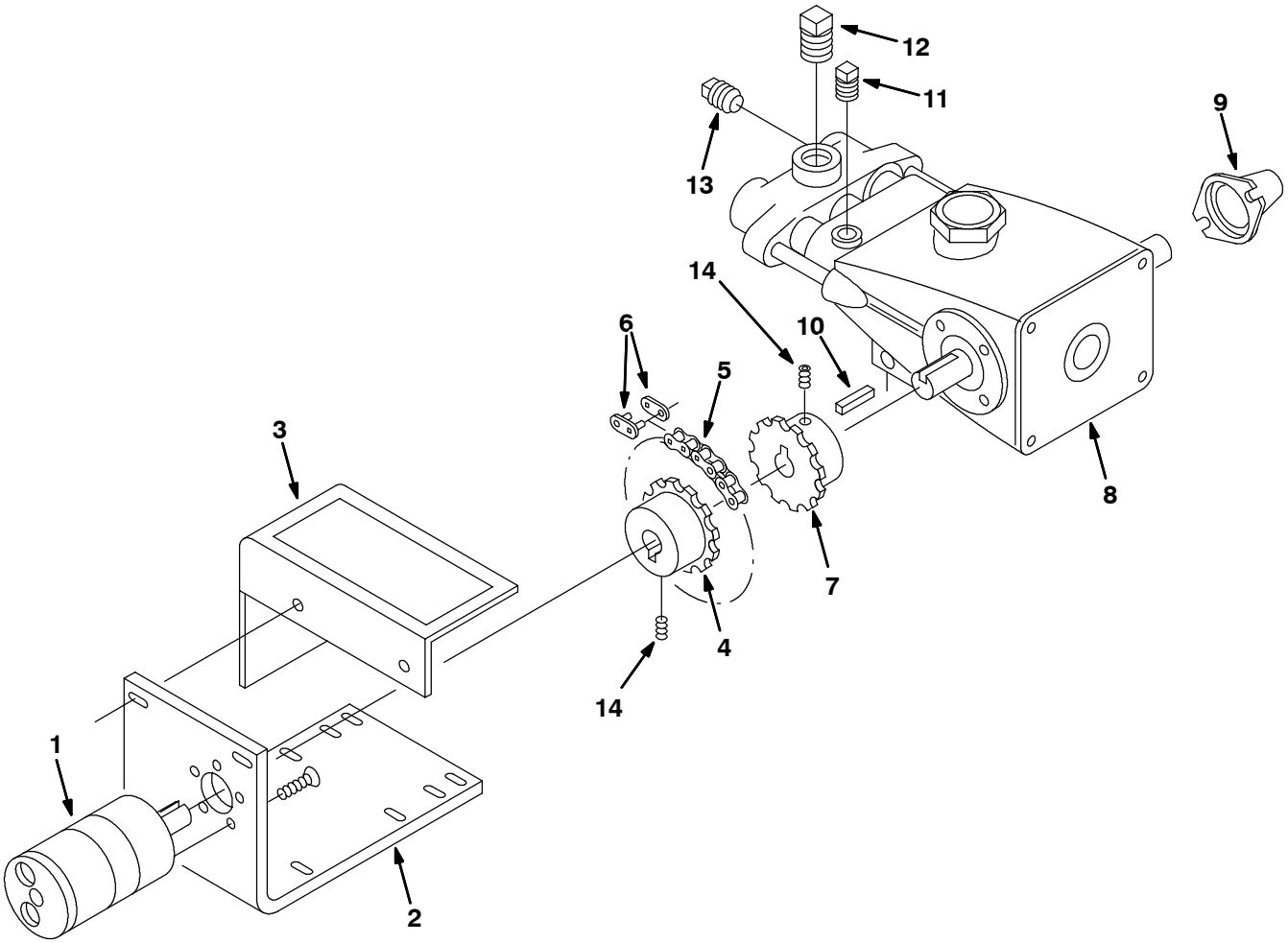


351998

Fig. 12 - High Pressure Sprayer Wand Group

Ref.	TENNANT Part No.	Machine Serial Number	Description	Qty.
1	762272	(000000-)	Nozzle, High Pressure	1
2	762271	(000000-)	Nozzle, Lo Pressure	1
3	762267	(000000-)	Lance, Dual	1
4	762278	(000000-)	Ftg-Hyd, Str	1
5	762266	(000000-)	Handle, High Pressure Spray	1
6	762270	(000000-)	Hose Assembly, Pressure Wash	1
7	762294	(000000-)	Coupler Body, .375F Brass	1
8	762293	(000000-)	Coupler Plug, .375M Ss	2
9	762264	(000000-)	Valve, Unloader	1
10	762256	(000000-)	Ftg-Hyd, E45	1
11	762265	(000000-)	Gauge, Glycerin	1
12	762292	(000000-)	Ftg,Nipple Galv .375Npt Close	1
13	762254	(000000-)	Ftg,90El Galv .375X.50 F Npt	1
14	762229	(000000-)	Nipple, .50Mx.50B	2
15	54333	(000000-)	Clamp-Wormdrive, 0.31- 0.88D	4
16	762259	(000000-)	Hose, Water .50In X 10.0Ft	1
17	87677	(000000-)	Sleeve-Nylon #20 20.0L	1
18	763115	(000000-)	Tie, Cable 6.0 Lg	15
	763116	(000000-)	Tie, Cable 15.25 Lg	10
19	762233	(000000-)	Nipple, .50Mx.50M	1
20	762212	(000000-)	Tee, .50Fx.50Fx.50F	1
21	40145	(000000-)	Ftg,Plstc,Elb,Barb.50Pt-.75Hse	1
22	761524	(000000-)	Clip, Finger Clip, Metal	1
23	762241	(000000-)	Hose, Water , Polywire.50Inx12.0Ft	1
24	762291	(000000-)	Ftg-Hyd, Str 8-8	1
25	762269	(000000-)	Filter, Inline Strainer	1
26	762290	(000000-)	Ftg-Hyd, Str 8-8	1
27	63244-1	(000000-)	Ftg, Plstc E90	1
28	762286	(000000-)	Ftg-Hyd, Str 8	1
29	762284	(000000-)	Ftg-Hyd, E90 8	1
30	762285	(000000-)	Ftg-Hyd, E90 8	1
31	768310	(000000-)	Plate, Tool Holder	2
32	762297	(000000-)	Angle	4
33	760660	(000000-)	Clip, Storage Plastic	1
34	768314	(000000-)	Molding, Trim 7.5 Ft	1
35	760599	(000000-)	Bracket, Tool Box	1
36	760672	(000000-)	Angle	1

Fig. 13 - High Pressure Sprayer Pump Group

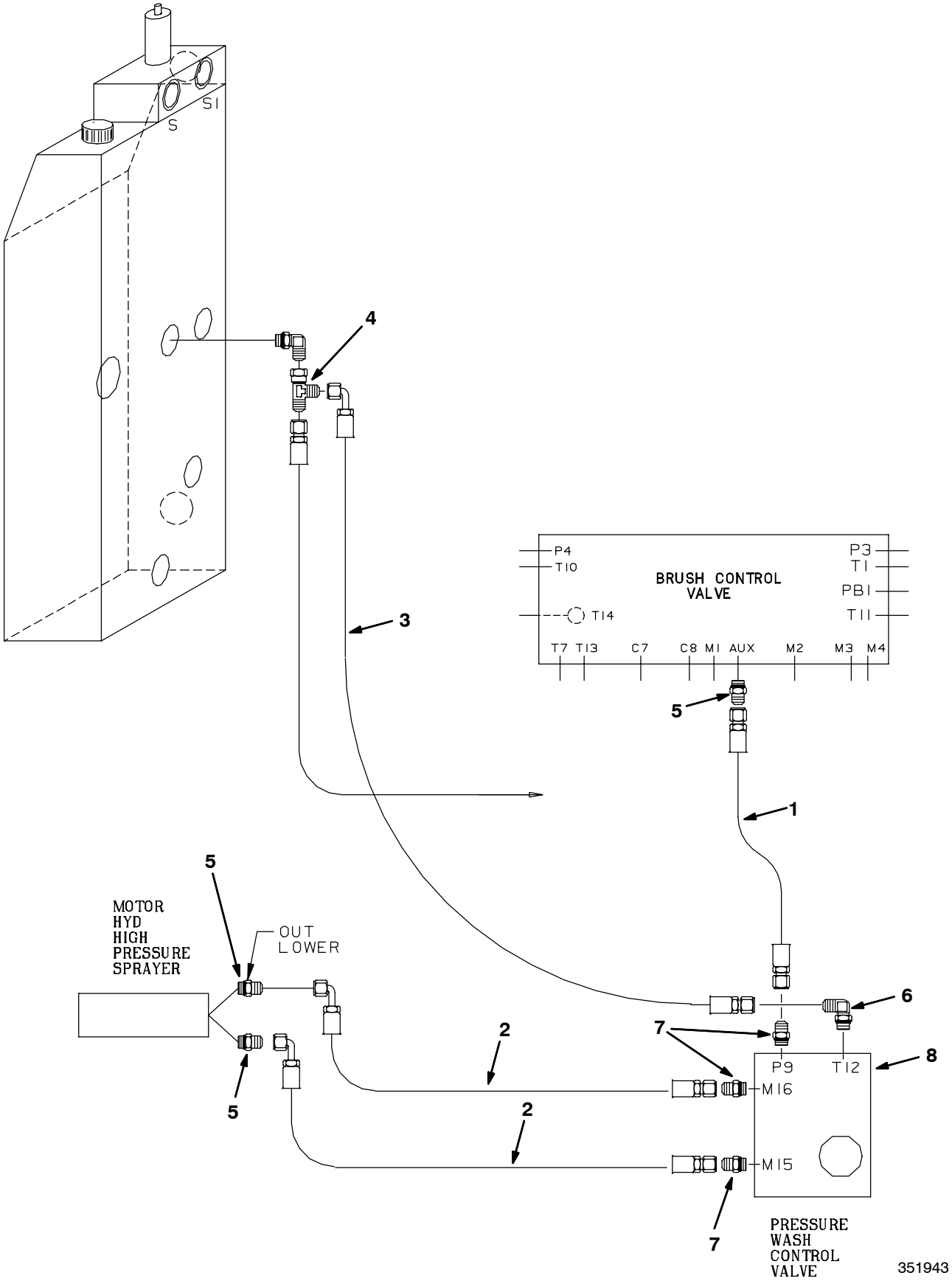


352006

Fig. 13 - High Pressure Sprayer Pump Group

	Ref.	TENNANT Part No.	Machine Serial Number	Description	Qty.
	1	762261	(000000-)	Motor, Hyd High Press Sprayer	1
	2	762277	(000000-)	Plate, Mount, Hyd Motor	1
	3	768309	(000000-)	Guard, Pump Coupling	1
	4	762280	(000000-)	Coupling, Motor Press Washer	1
	5	33691	(000000-)	Chain,Rlr, 15Pitchs	1
	6	33692	(000000-)	Link, Rlr.Chain	1
	7	40143	(000000-)	Coupling,Chain,L.H Half,Keyed	1
▽	8	762260	(000000-)	Pump, Cat 290 Press Wash (See Breakdowns)	1
▲		40144-4	(000000-)	Oil, Crankcase, Cat Pump (For 1 oil change)	1
	9	38321	(000000-)	Pump Cover	1
	10	40144-6	(000000-)	Key-5Mm	1
	11	762281	(000000-)	Ftg-Hyd, Plug	1
	12	17521	(000000-)	Ftg-Plug Npt 08Pm Sq Hd	1
	13	762282	(000000-)	Ftg-Hyd, Plug	1
	14	39322	(000000-)	Screw, Set .38 in	2

Fig. 14 - High Pressure Sprayer Hydraulic Hose Group



351996

Fig. 14 - High Pressure Sprayer Hydraulic Hose Group

Ref.	TENNANT Part No.	Machine Serial Number	Description	Qty.
1	767317	(000000-)	Hose, Hyd	1
2	767318	(000000-)	Hose, Hyd	2
3	767327	(000000-)	Hose, Hyd	1
4	762435	(000000-)	Ftg-Hyd, Tee	1
5	762433	(000000-)	Ftg-Hyd, Str	3
6	762437	(000000-)	Ftg-Hyd, E90	1
7	762438	(000000-)	Ftg-Hyd, Str	3
8	767009	(000000-)	Valve, Hyd Cntrl Sol-Press Wash (See Breakdowns)	1

Fig. 15 - High Dump Hopper Hydraulic Hose Group

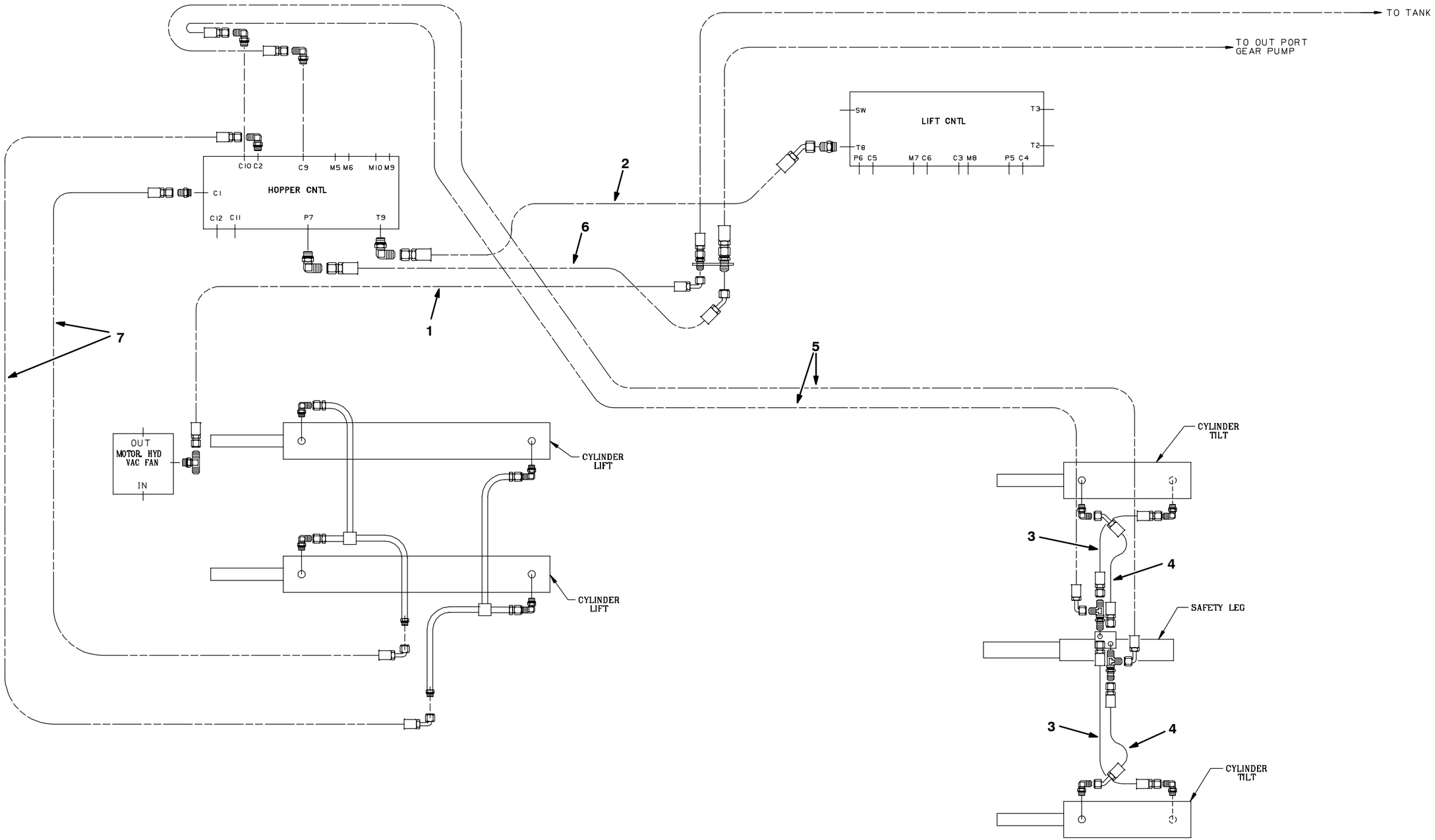


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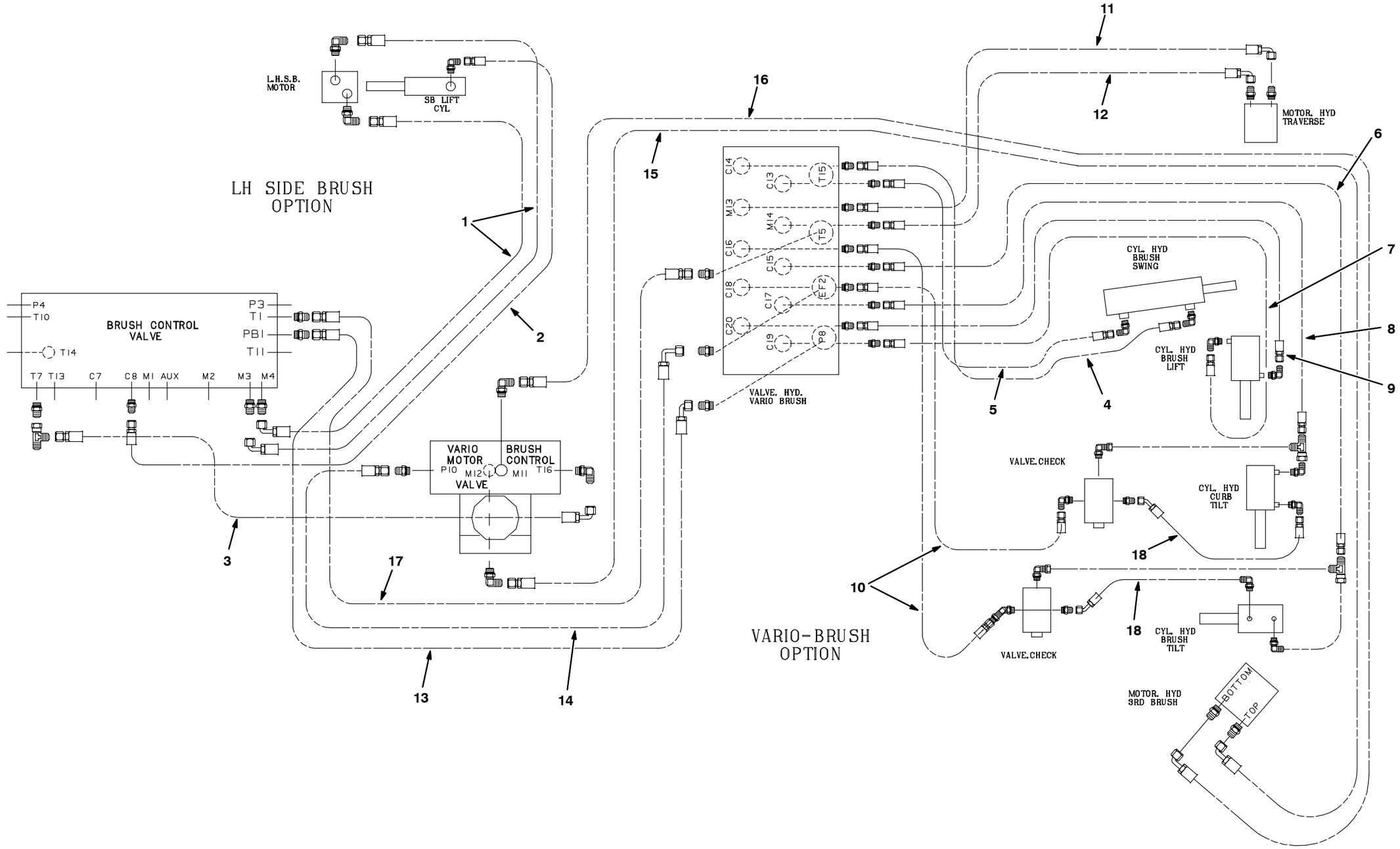
Fig. 15 - High Dump Hopper Hydraulic Hose Group

Ref.	TENNANT Part No.	Machine Serial Number	Description	Qty.
1	767233	(000000–)	Hose, Hyd	1
2	767281	(000000–)	Hose, Hyd	1
3	767319	(000000–)	Hose, Hyd	2
4	767320	(000000–)	Hose, Hyd	2
5	767321	(000000–)	Hose, Hyd	2
6	767323	(000000–)	Hose, Hyd	1
7	767325	(000000–)	Hose, Hyd	2

Fig. 16 - Vario Brush (000000-003174) and Left Hand Side Brush Hydraulic Hose Group



351943

Fig. 16 - Vario Brush (000000-003174) and Left Hand Side Brush Hydraulic Hose Group

Ref.	TENNANT Part No.	Machine Serial Number	Description	Qty.
1	767246	(000000-)	Hose, Hyd	2
2	767250	(000000-)	Hose, Hyd	1
3	767263	(000000-003174)	Hose, Hyd	1
4	767291	(000000-003174)	Hose, Hyd	1
5	767292	(000000-003174)	Hose, Hyd	1
6	767293	(000000-003174)	Hose, Hyd	1
7	767294	(000000-003174)	Hose, Hyd	1
8	767295	(000000-003174)	Hose, Hyd	1
9	767296	(000000-003174)	Hose, Hyd	1
10	767297	(000000-003174)	Hose, Hyd	2
11	767299	(000000-003174)	Hose, Hyd	1
12	767300	(000000-003174)	Hose, Hyd	1
13	767301	(000000-003174)	Hose, Hyd	1
14	767302	(000000-003174)	Hose, Hyd	1
15	767303	(000000-003174)	Hose, Hyd	1
16	767304	(000000-003174)	Hose, Hyd	1
17	767329	(000000-003174)	Hose, Hyd	1
18	767278	(000000-003174)	Hose, Hyd	2

Fig. 17 - Vario Brush Hydraulic Hose Group (003175-)

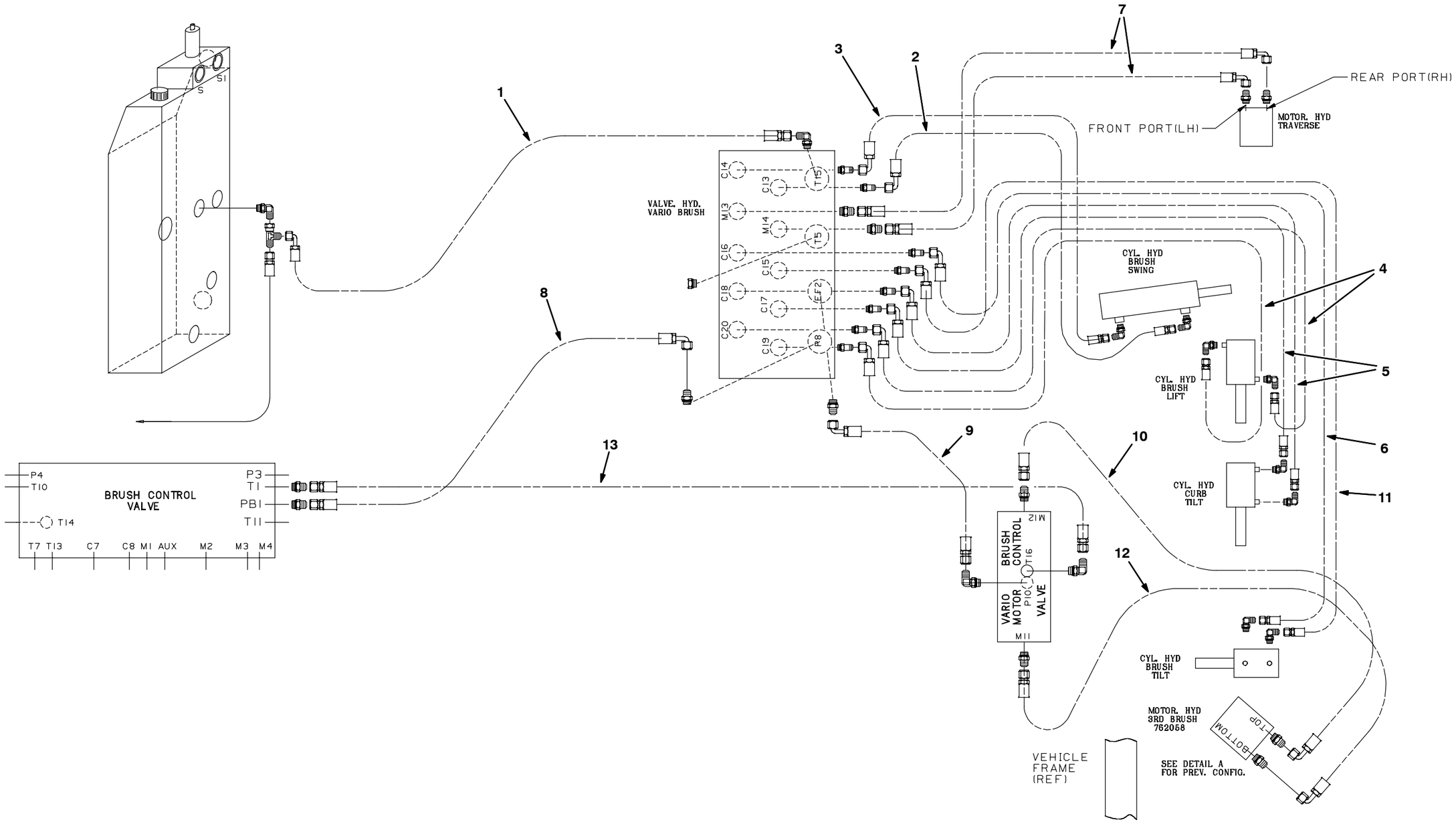


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Fig. 17 - Vario Brush Hydraulic Hose Group (003175-)

Ref.	TENNANT Part No.	Machine Serial Number	Description	Qty.
1	767446	(003175-)	Hose, Hyd	1
2	767436	(003175-)	Hose, Hyd	1
3	767437	(003175-)	Hose, Hyd	1
4	767431	(003175-)	Hose, Hyd	2
5	767432	(003175-)	Hose, Hyd	2
6	767433	(003175-)	Hose, Hyd	1
7	767435	(003175-)	Hose, Hyd	2
8	767444	(003175-)	Hose, Hyd	1
9	767438	(003175-)	Hose, Hyd	1
10	767440	(003175-)	Hose, Hyd	1
11	767434	(003175-)	Hose, Hyd	1
12	767344	(003175-)	Hose, Hyd	1
13	767445	(003175-)	Hose, Hyd	1

Fig. 18 - L.H. Steering Hydraulic Hose Group

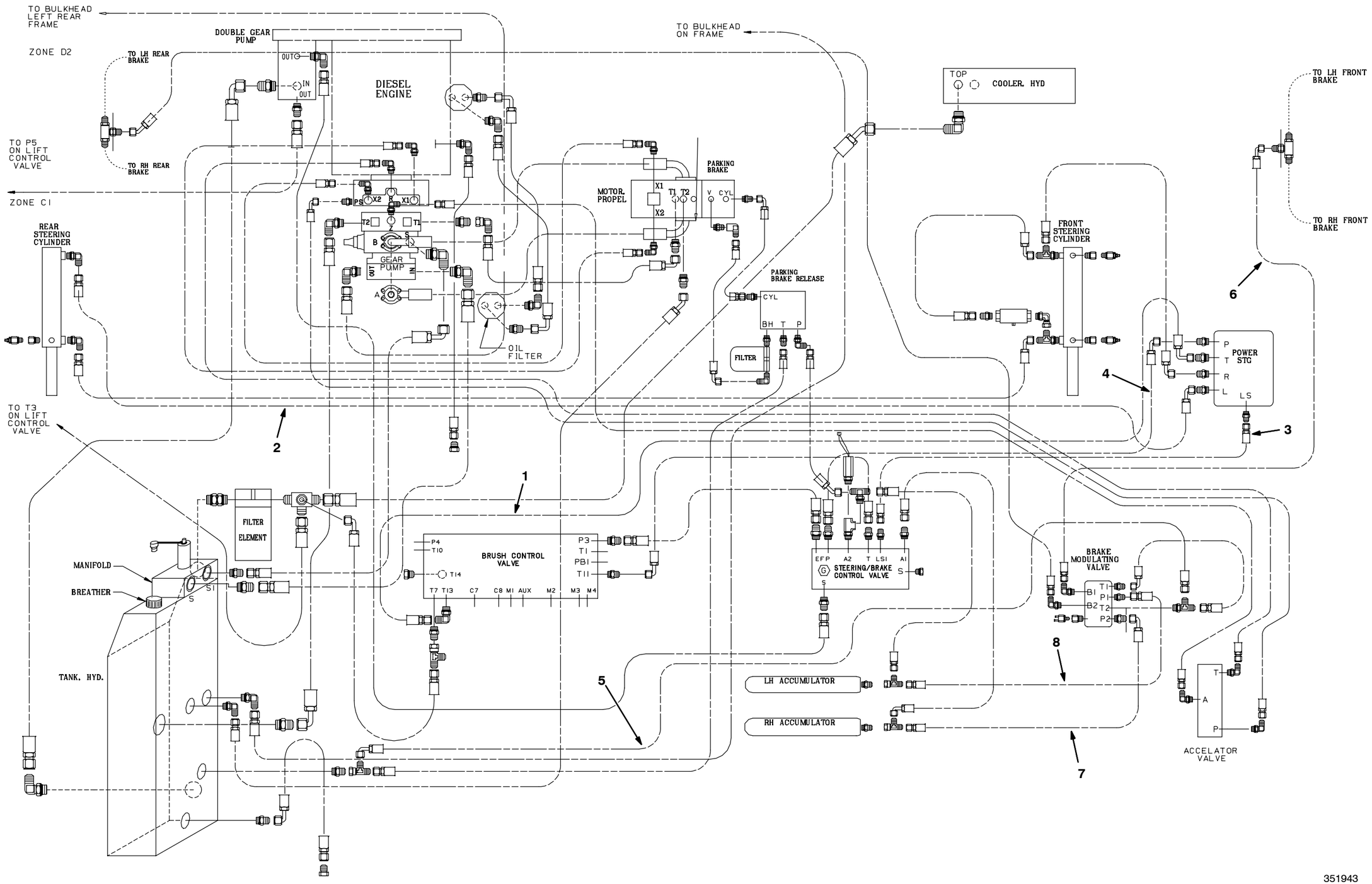

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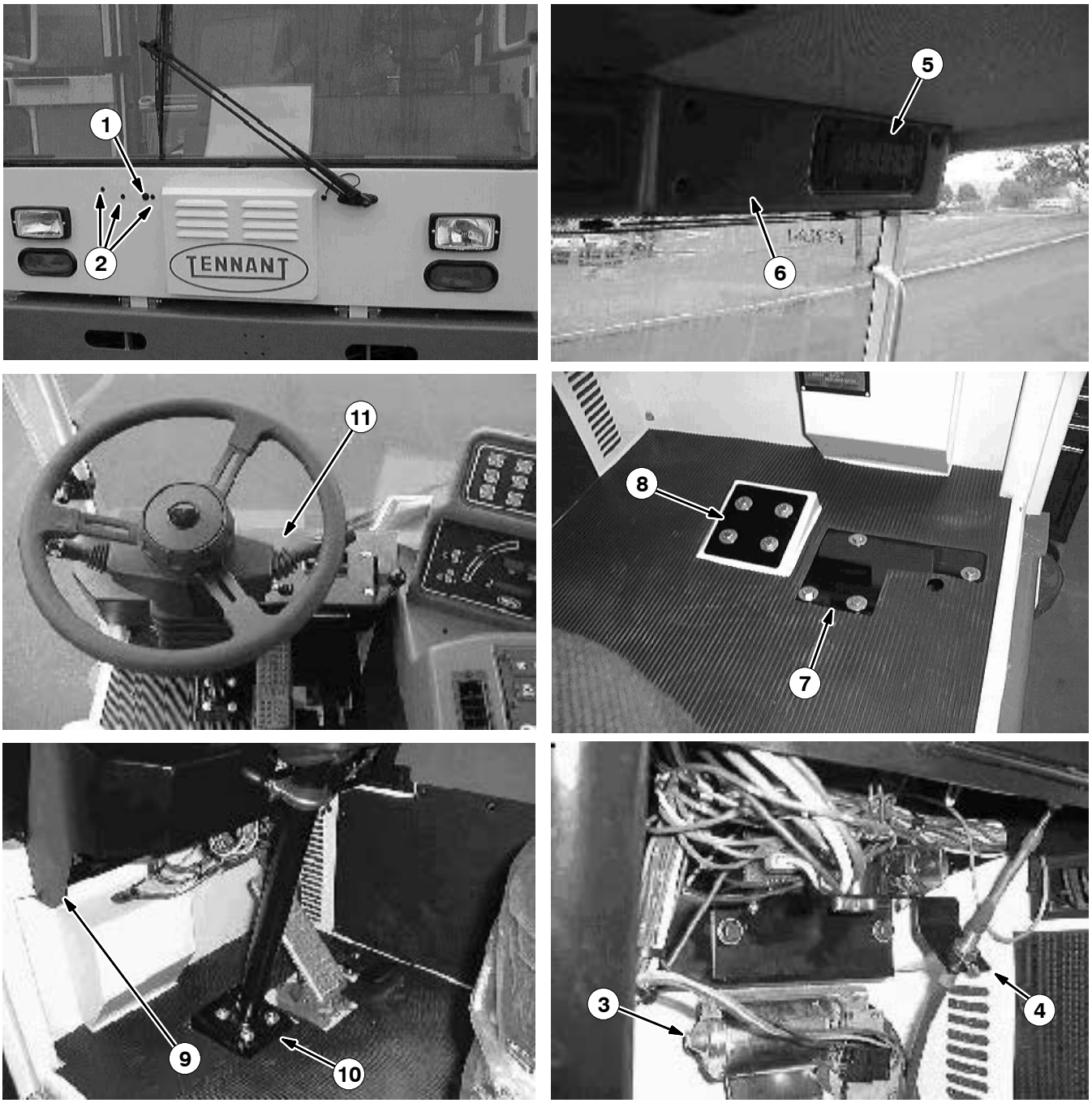
Fig. 18 - L.H. Steering Hydraulic Hose Group

Ref.	TENNANT Part No.	Machine Serial Number	Description	Qty.
1	767343	(000000-)	Hose,Hyd	1
2	767341	(000000-)	Hose,Hyd	1
3	767336	(000000-)	Hose,Hyd	1
4	767342	(000000-)	Hose,Hyd	1
5	767335	(000000-)	Hose,Hyd	1
6	767338	(000000-)	Hose,Hyd	1
7	767340	(000000-)	Hose,Hyd	1
8	767339	(000000-)	Hose,Hyd	1

Fig. 19 - Left Hand Operator Group

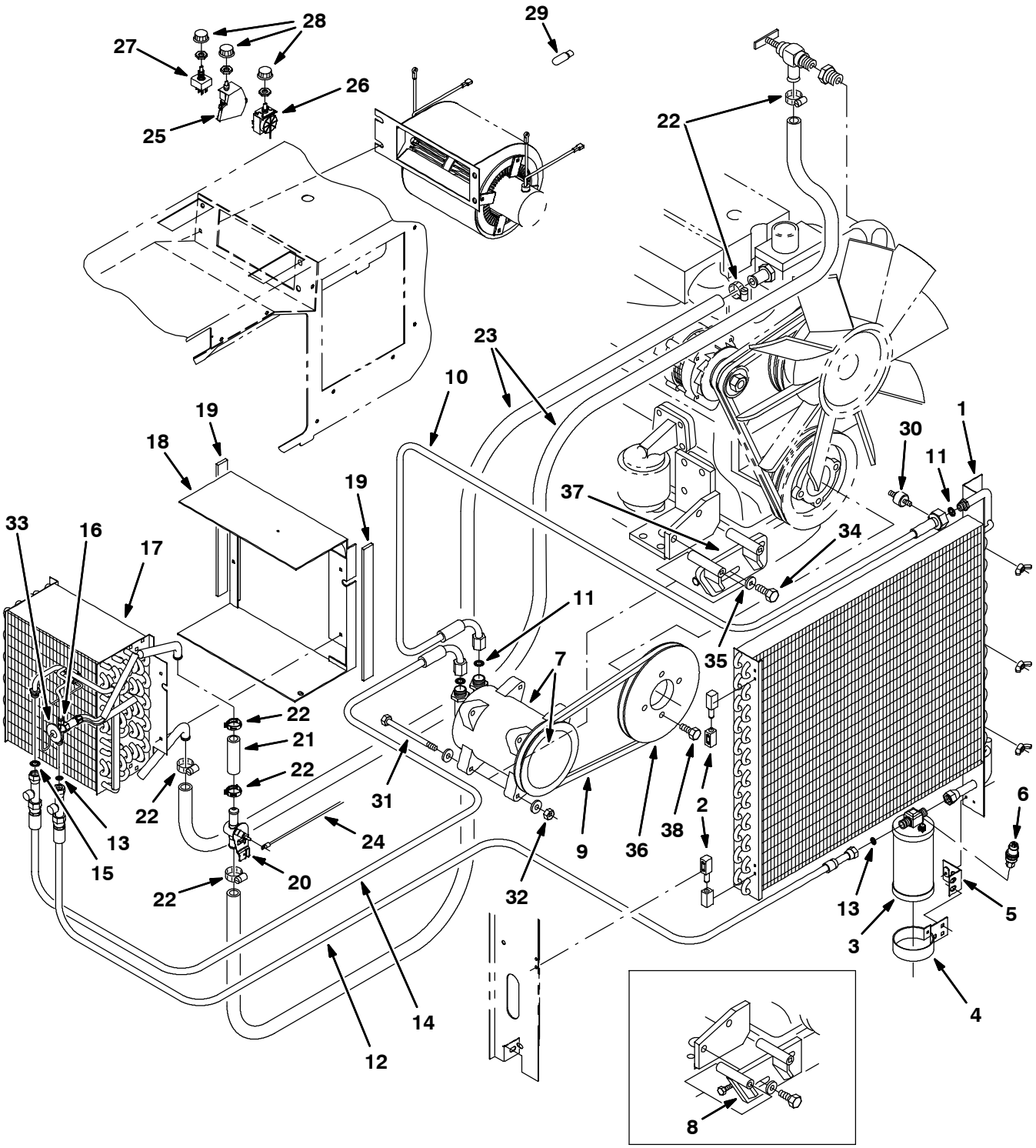


352513

Fig. 19 - Left Hand Operator Group

Ref.	TENNANT Part No.	Machine Serial Number	Description	Qty.
1	75428	(000000–)	Plugbtn .75H .03–.12 Blacknyl	1
2	768472	(000000–)	Plugbtn, 0.375H, .172, Blk	3
3	768421	(000000–)	Wiper Motor, 12V, Lh	1
4	768423	(000000–)	Bracket, Throttle, Lh	1
5	768445	(000000–)	Plate, Switch Blank	1
6	768469	(000000–)	Panel, Console Upper L.H.	1
7	768477	(000000–)	Cover, Floor Plate	1
8	768476	(000000–)	Cover, Steering Column	1
9	768422	(000000–)	Console, Steering, Lh	1
10	768496	(000000–)	Bracket, Steering Column, Lh	1
11	768811	(000000–)	Label, Set, Cab Lh	1

Fig. 20 - Cab Air Conditioner Heater Group

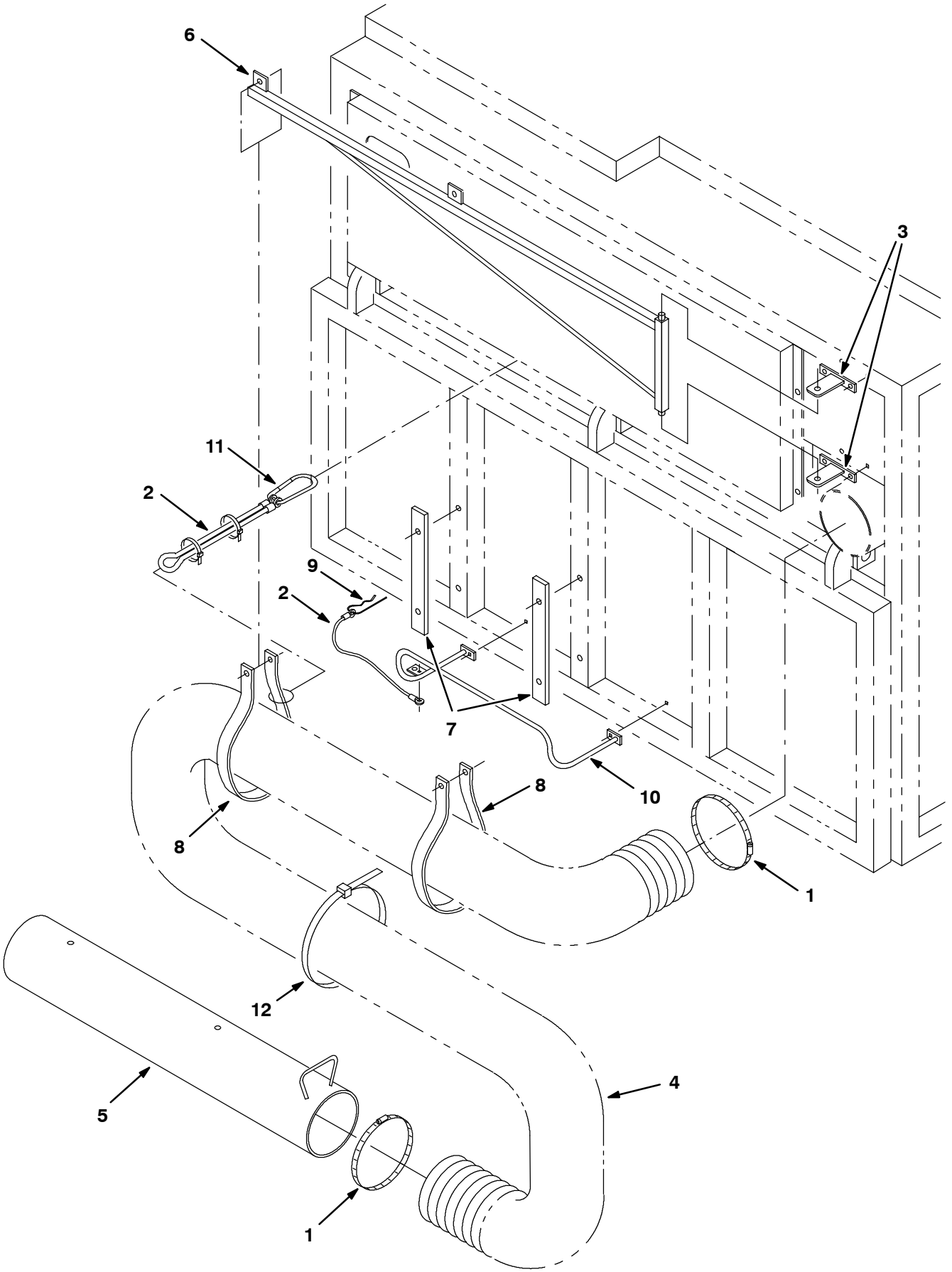


352508

Fig. 20 - Cab Air Conditioner Heater Group

	Ref.	TENNANT Part No.	Machine Serial Number	Description	Qty.
	1	768416	(000000-)	Coil, Condenser	1
	2	761963	(000000-)	Hinge	2
	3	769021	(000000-)	Dryer,Air-Cond	1
	4	769029	(000000-)	Clamp, Receiver, Dryer	1
	5	769030	(000000-)	Bracket, Receiver, Dryer	1
	6	769042	(000000-)	Switch, Pressure	1
▽	7	769020	(000000-)	Compressor,Air-Cond	1
▲		769080	(000000-)	Clutch, Air-Cond	1
	8	770009	(000000-004641)	Kit, Ci, Pulley, A/C	1
	9	764209	(000000-)	Belt	1
	10	767522	(000000-)	Hose,Ac	1
	11	761961	(000000-)	Seal, Oring	2
	12	767523	(000000-)	Hose,Ac	1
	13	761960	(000000-)	Seal, Oring	2
	14	767521	(000000-)	Hose,Ac	1
	15	761962	(000000-)	Seal, Oring	2
	16	761959	(000000-)	Seal, Oring	1
	17	769023	(000000-)	Coil, Air-Cond, Heater	1
	18	769039	(000000-)	Bracket, Coil	1
	19	769040	(000000-)	Seal, Weatherstrip	2
	20	761950	(000000-)	Valve, Water	1
	21	769038	(000000-)	Hose, Heater	1
	22	63810	(000000-)	Clamp, Wormdrive	6
	23	769046	(000000-)	Hose, Heater	2
	24	761946	(000000-)	Cable, Push-Pull	1
	25	761927	(000000-)	Cable, Rotary Control	1
	26	764212	(000000-)	Switch, Cold Control	1
	27	761924	(000000-)	Switch, Fan, 3-Speed	1
	28	761926	(000000-)	Knob, Switch	3
	29	222290	(000000-)	Diode, Electric Plug	1
	30	82661	(000000-)	Isolator	3
	31	763096	(000000-)	Bolt, M10x130	2
	32	08166	(000000-)	Nut, Hex, Stover, M10 X 1.5	2
	33	761965	(000000-)	Valve, Thermal Expansion	1
	34	41346	(000000-)	Screw, Hex	2
	35	763043	(000000-)	Washer, Bellville	2
	36	769593	(000000-)	Pulley, Belt, V	2
	37	770006	(004642-)	Bracket Wldt, Compressor, A/C	2
	38	39663	(000000-)	Screw, Hex, .44-20 X 1.00, 5	4

Fig. 21 - Vacuum Wand Group

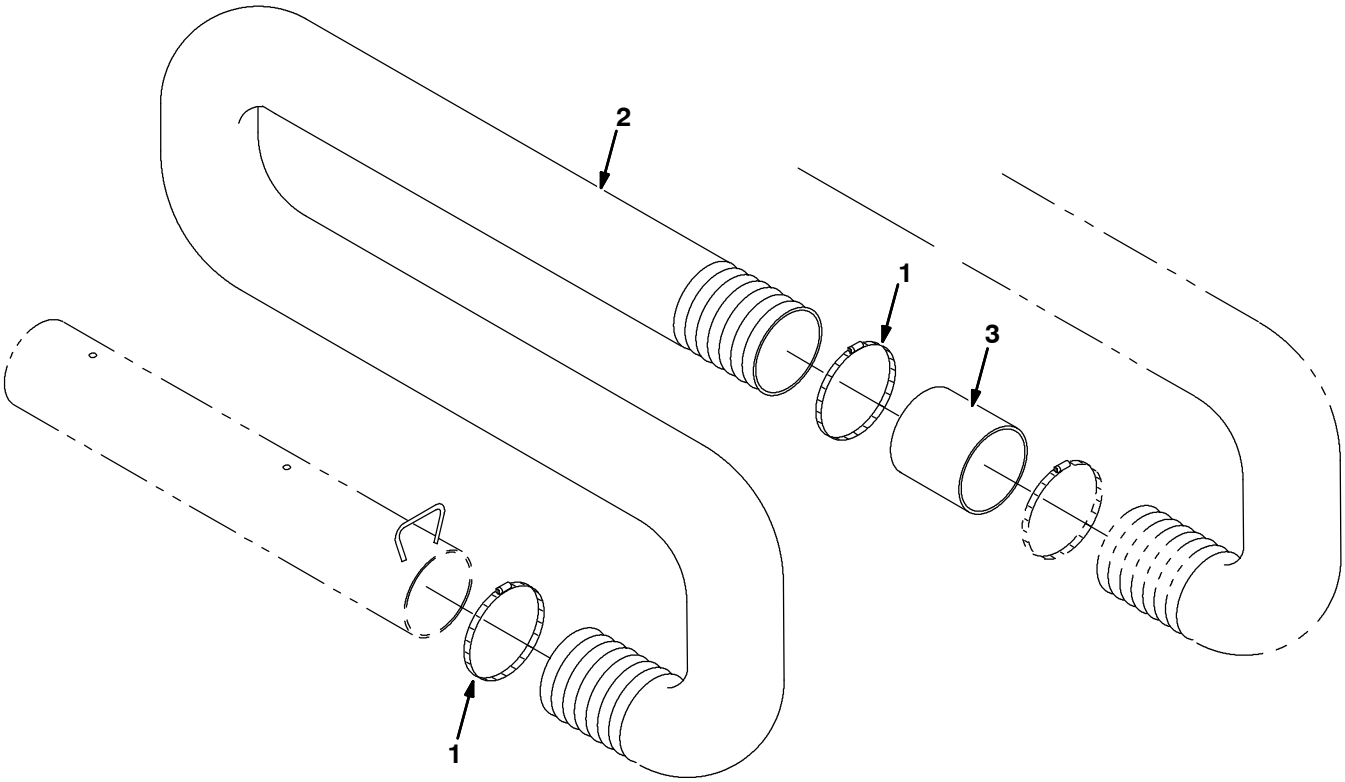


09202

Fig. 21 - Vacuum Wand Group

Ref.	TENNANT Part No.	Machine Serial Number	Description	Qty.
1	763212	(000000–)	Clamp, 6” Dia Bridge R.S.	2
2	57702	(000000–)	Cable, Door, Access	2
3	760507	(000000–)	Support, Vacuum Hose	2
4	760509	(000000–)	Hose, 6” Dia x 150 R.S.	1
5	760511	(000000–)	Nozzle, Vacuum Hose	1
6	760629	(000000–)	Boom, Vac Wand Hose	1
7	760640	(000000–)	Strip, Rub Nylon	2
8	760649	(000000–)	Strap, Vacuum Wand	2
9	763026	(000000–)	Pin,Hair Cotter 1.00D.178Wire	1
10	760991	(000000–)	Tube Wldt, Support, Rear	1
11	761233	(000000–)	Snap, Chain 0.25 Dia X 2.4	1
12	32815	(000000–)	Tie, Cable, Nyl, 28.5l .50w 8.0 Max D	4

Fig. 22 - Vacuum Wand Extension Group

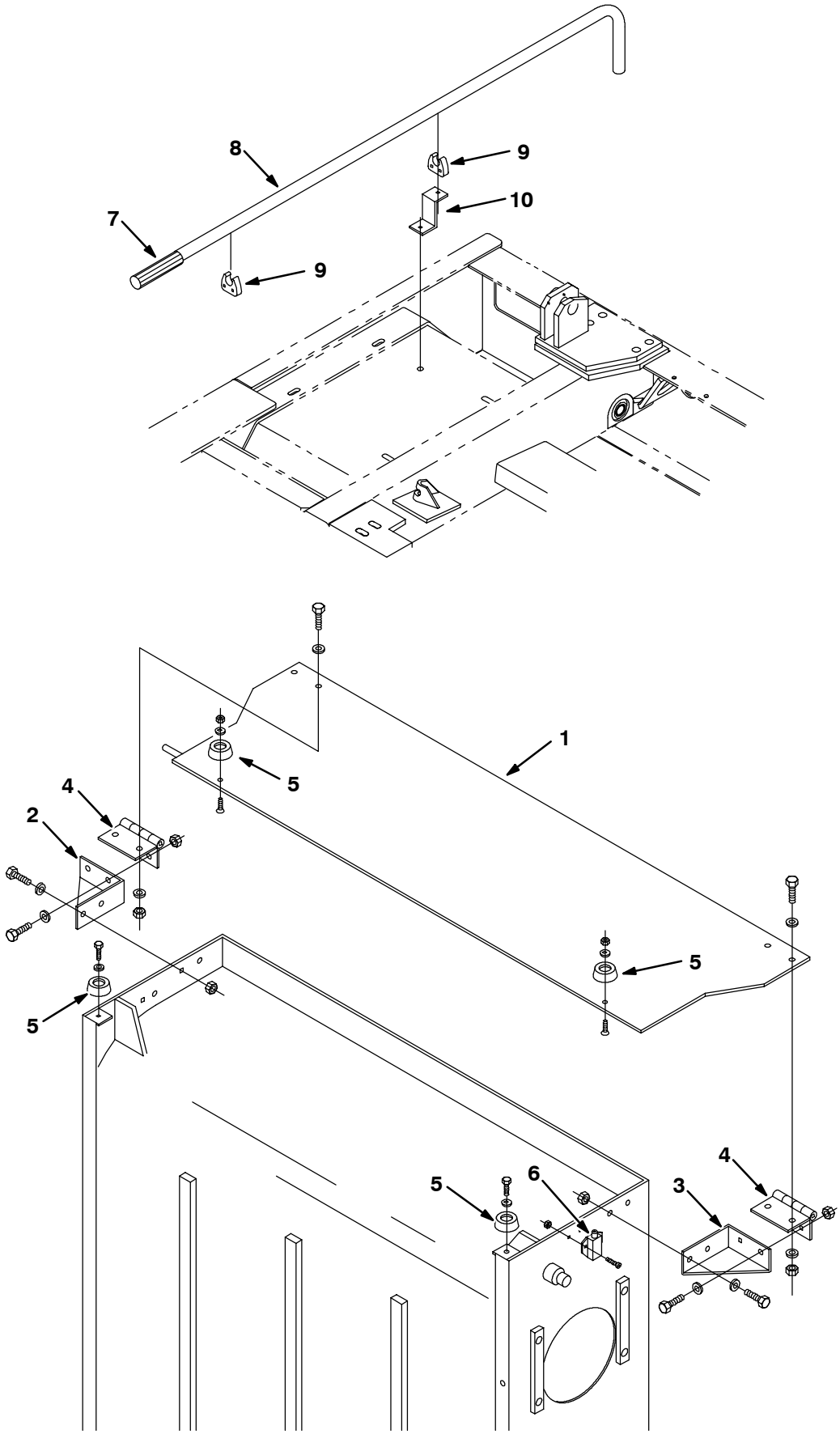


351964

Fig. 22 - Vacuum Wand Extension Group

Ref.	TENNANT Part No.	Machine Serial Number	Description	Qty.
1	763212	(000000–)	Clamp, 6” Dia Bridge R.S.	2
2	760509	(000000–)	Hose, 6” Dia x 150 R.S.	1
3	760665	(000000–)	Tube, Coupler Vac Wand	1

Fig. 23 - Vacuum Wand Door Group

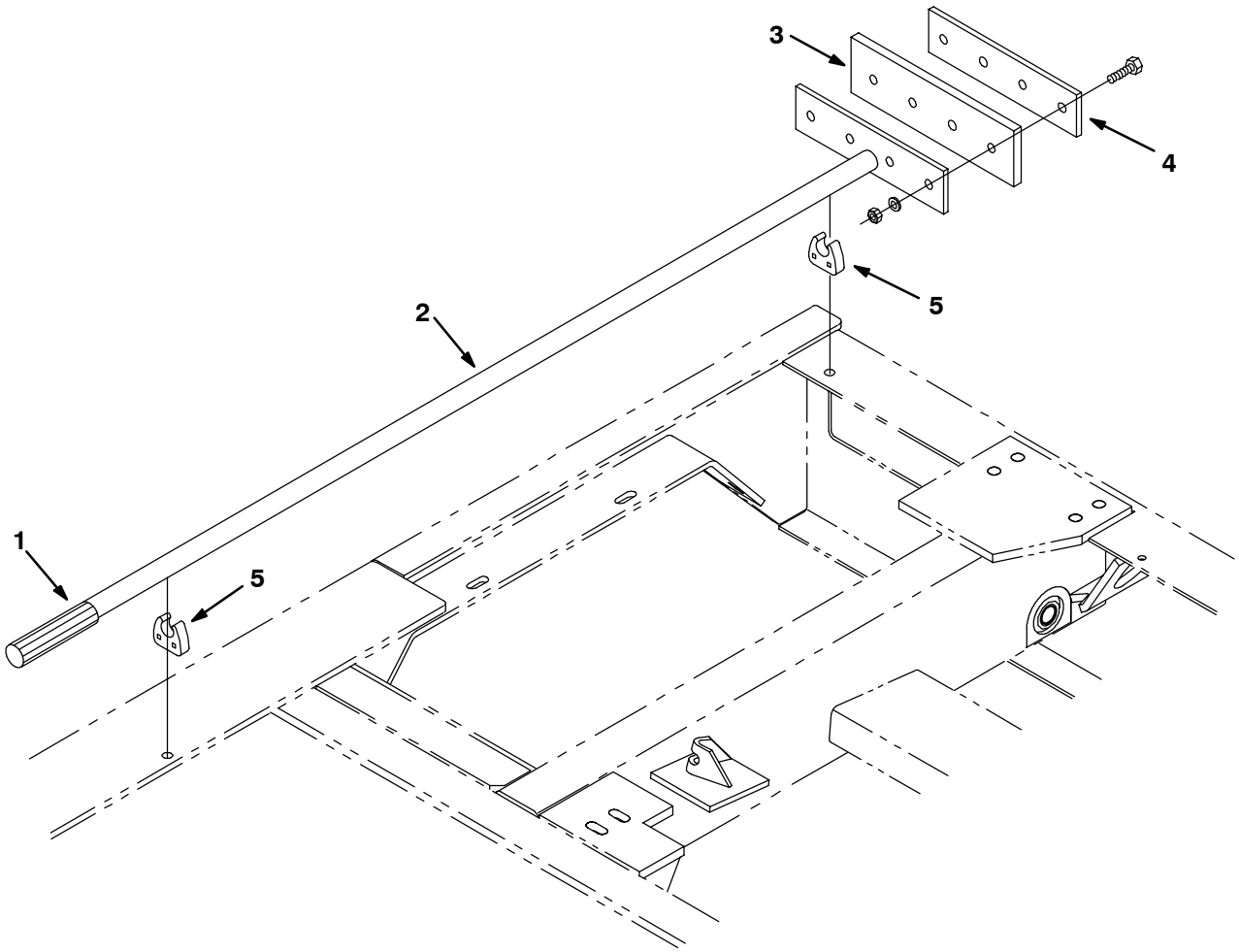


351969

Fig. 23 - Vacuum Wand Door Group

Ref.	TENNANT Part No.	Machine Serial Number	Description	Qty.
1	760726	(000000-)	Door, Weldt Vacuum Door	1
2	769063	(000000-)	Bracket, Hinge Mount, Rh	1
3	760727	(000000-)	Bracket, Hinge Mount Lh	1
4	760729	(000000-)	Hinge, Vacuum Wand Door	2
5	364614	(000000-)	Bumper, Rubber Recessed	4
6	762591	(000000-)	Switch, Micro	1
7	03292B	(000000-)	Grip, Handle-Rnd .72Id X 5.0L	1
8	760653	(000000-)	Tube, Vac Wand Door	1
9	760660	(000000-)	Clip,Finger Grip	2
10	760661	(000000-)	Bracket,Clip Mount	1

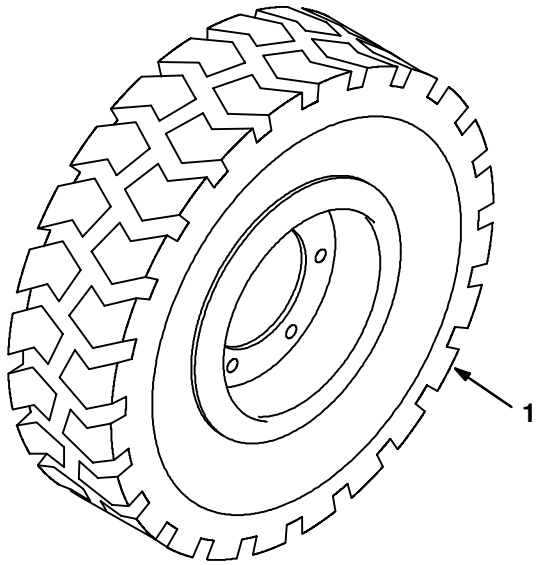
Fig. 24 - Hopper Cleanout Tool Kit



08705

	Ref.	TENNANT Part No.	Machine Serial Number	Description	Qty.
▽		760078	(000000-)	Hopper Cleanout Kit	1
▲▽		79518	(000000-)	Sludge Removal Tool Assy.	1
▲▲	1	03292B	(000000-)	Grip, Handle-Rnd .72Id X 5.0L	1
▲▲	2	79517	(000000-)	Handle Weldt.,Sludge Removal	1
▲▲	3	79515	(000000-)	Skirt.,25T3.0W11.0L 4/.31Hcomc	1
▲▲	4	79508-1	(000000-)	Strip,.11T2.5W10.0L 4/.31Hcomc	1
▲	5	760660	(000000-)	Clip,Finger Grip	2

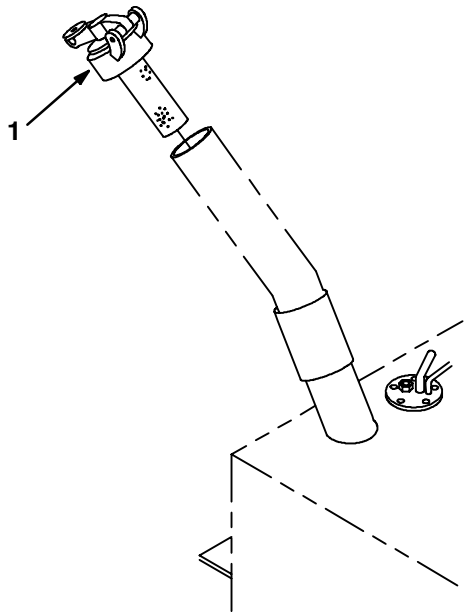
Fig. 25 - Foam Filled Tire Group



09208

Ref.	TENNANT Part No.	Machine Serial Number	Description	Qty.
1	760105	(000000-)	Tire Assy, Foam Filled, (Bias Ply)	1
1	761795	(000000-)	Tire Assy, Foam Filled, (Radial)	1

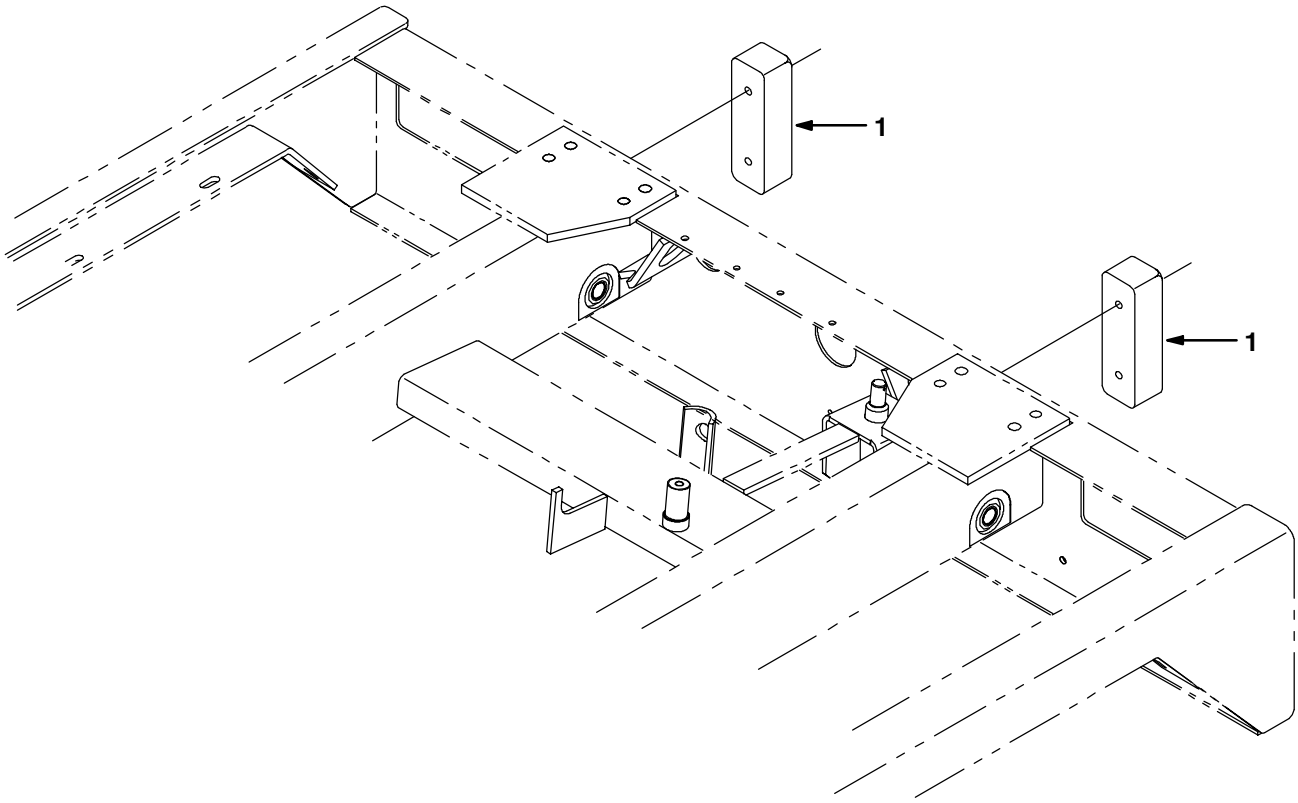
Fig. 26 - Protectoseal Fuel Cap Group



09209

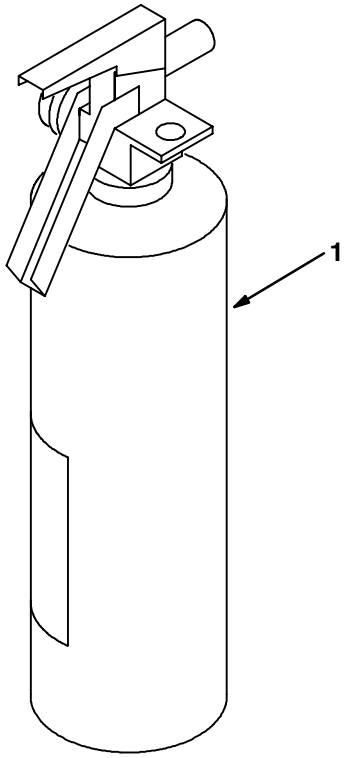
Ref.	TENNANT Part No.	Machine Serial Number	Description	Qty.
1	02506-6	(000000-)	Cap, Fuel, Protectoseal	1

Fig. 27 - Rear Rubber Bumper Kit



	Ref.	TENNANT Part No.	Machine Serial Number	Description	Qty.
▽		760073	(000000-)	Rear Rubber Bumper Kit	1
▲	1	770504	(000000-)	Bumper, Rear Rubber	2

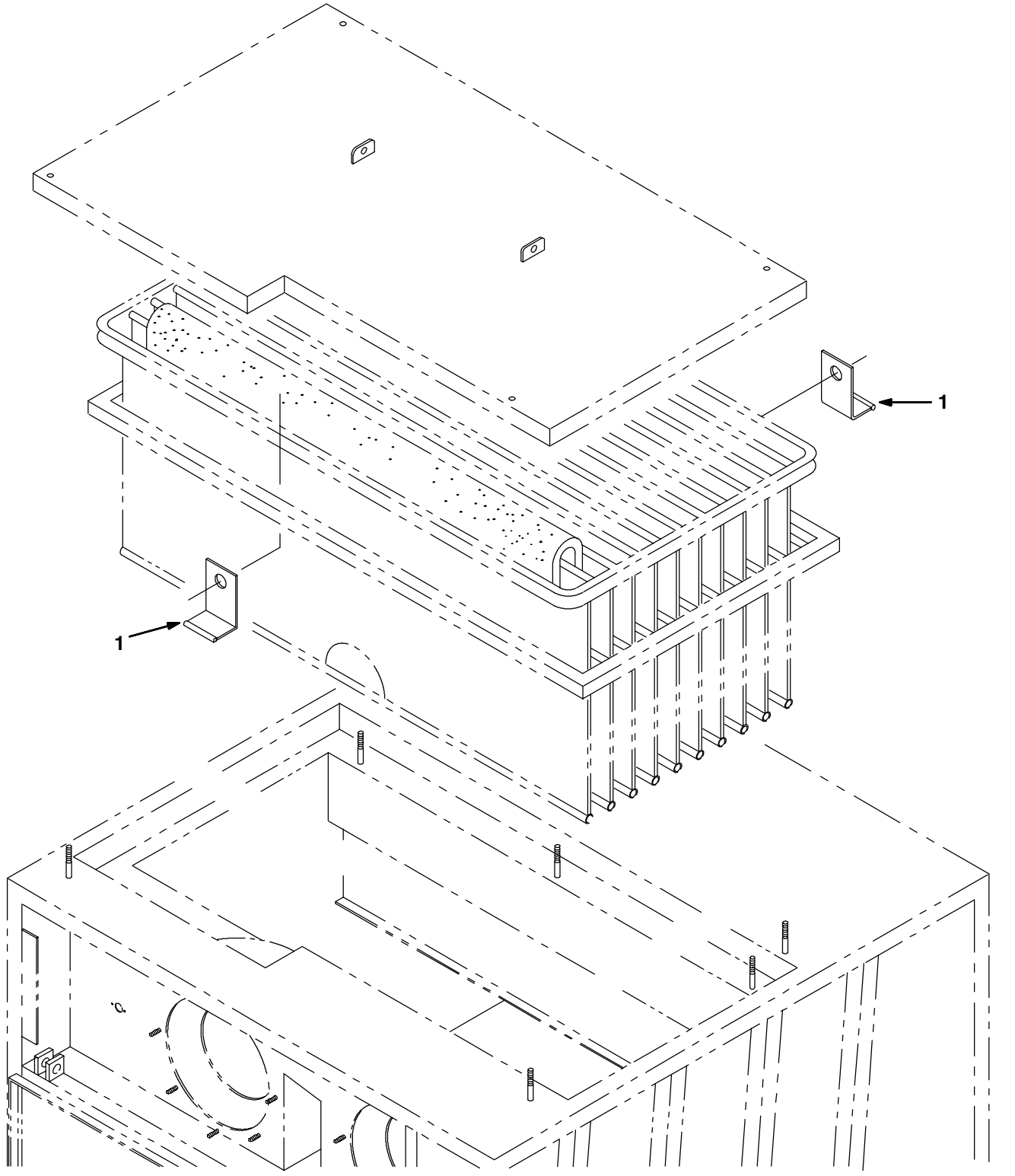
Fig. 28 - Fire Extinguisher Group



07516

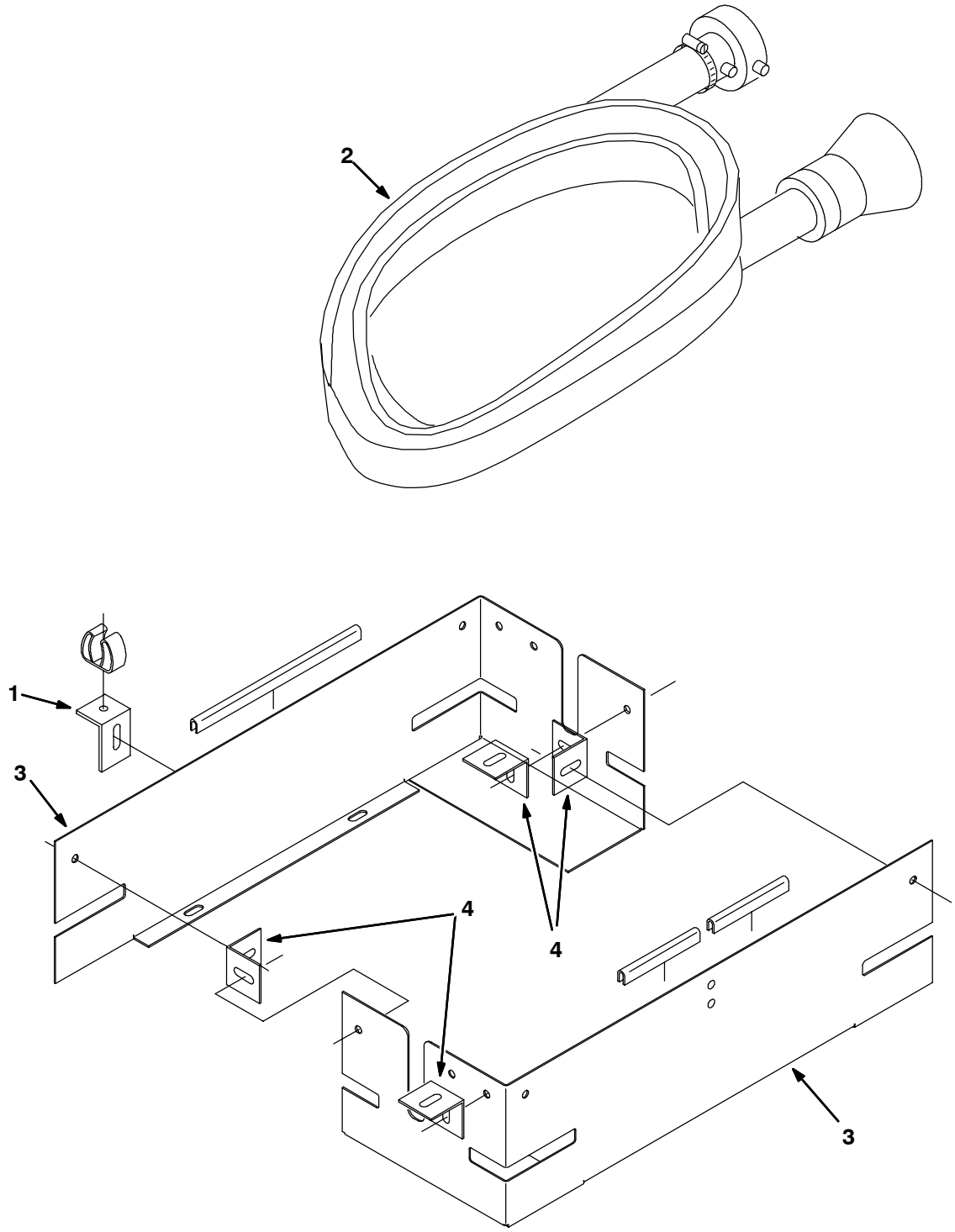
Ref.	TENNANT Part No.	Machine Serial Number	Description	Qty.
1	25312	(000000-)	Extinguisher, Fire	1

Fig. 29 - Filter Bag Lift Kit



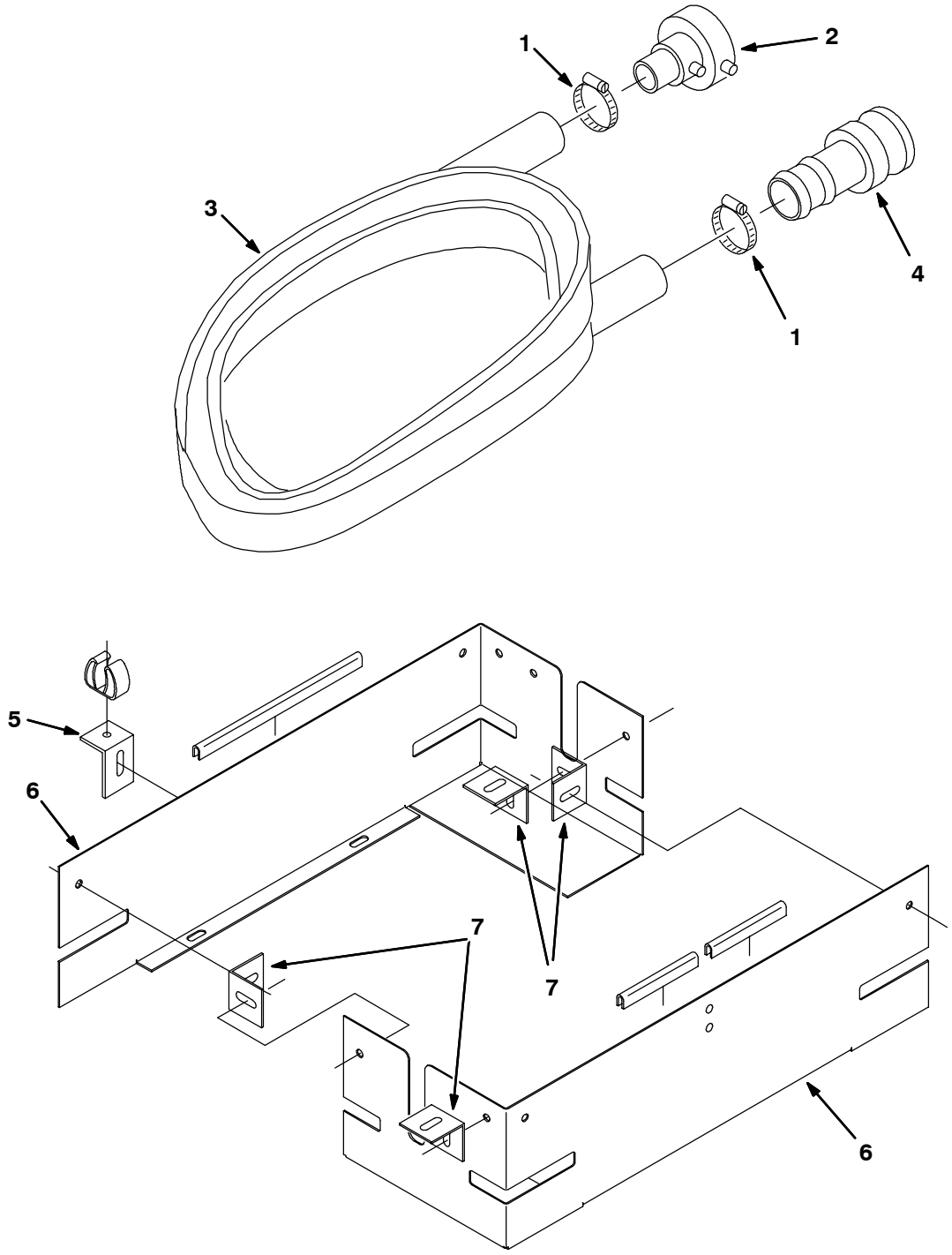
	Ref.	TENNANT Part No.	Machine Serial Number	Description	Qty.
▽		761501	(000000-)	Lift Kit, Filter Bag	1
▲	1	761791	(000000-)	Angle, Weld't, Filterbag Lift	2

Fig. 30 - Hydrant Wash Down Group



Ref.	TENNANT Part No.	Machine Serial Number	Description	Qty.
1	760672	(000000-)	Angle	1
2	762253	(000000-)	Hose Assy	1
3	768310	(000000-)	Plate, Tool Holder	2
4	762297	(000000-)	Angle	4

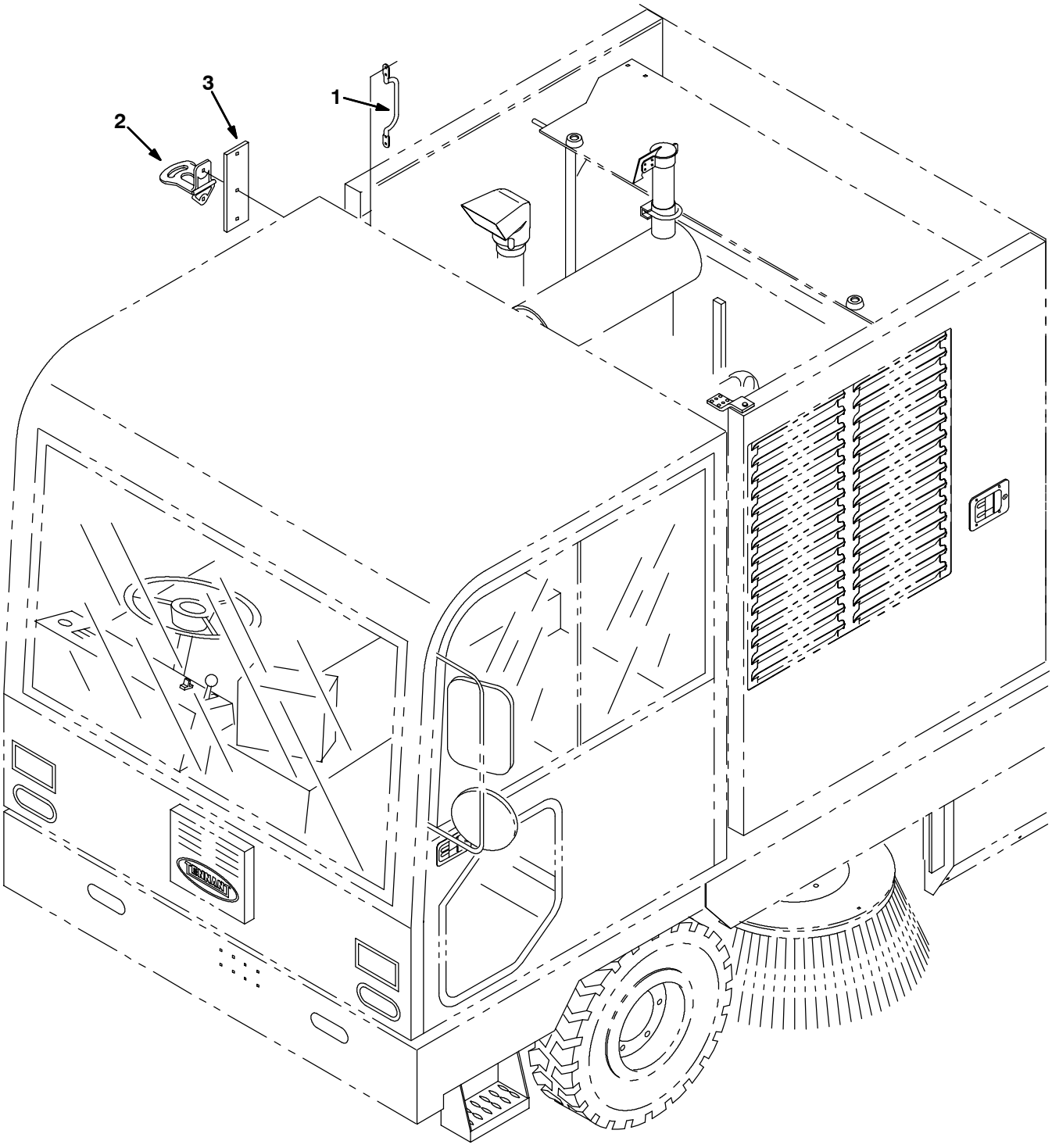
Fig. 31 - Hydrant Hose Group



09207

Ref.	TENNANT Part No.	Machine Serial Number	Description	Qty.
1	762207	(000000-)	Clamp, 1.25-2.12 Dia Power Gear	2
2	762201	(000000-)	Coupling, Tank Fill Hose	1
3	762210	(000000-)	Hose,Water Fill	1
4	768322	(000000-)	Adaptor, Cam Coupler	1
5	760672	(000000-)	Angle	1
6	768310	(000000-)	Plate, Tool Holder	2
7	762297	(000000-)	Angle	4

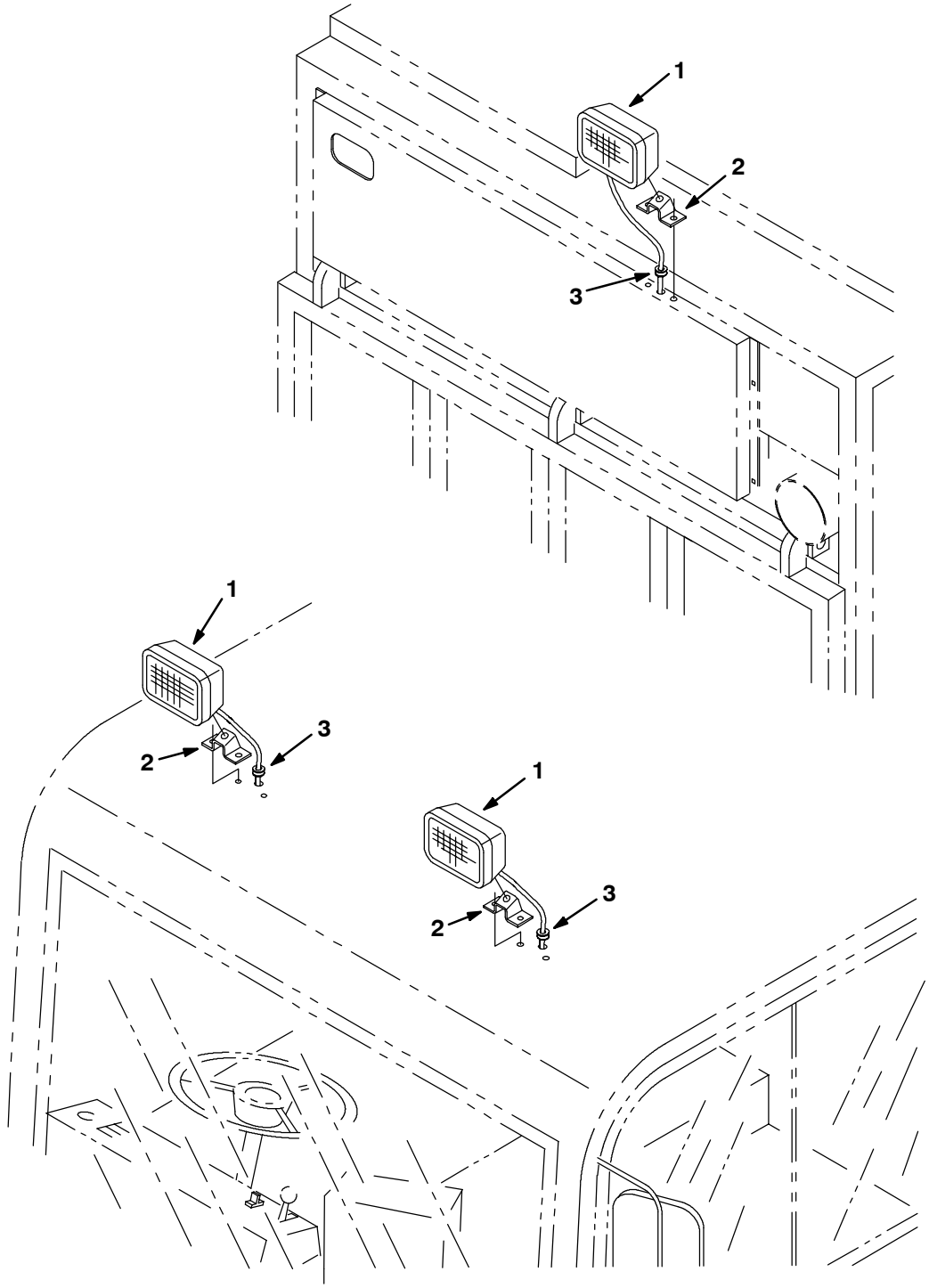
Fig. 32 - Engine Access Step Kit



351990

	Ref.	TENNANT Part No.	Machine Serial Number	Description	Qty.
▽		760143	(000000-)	Engine Access Step Kit	1
▲	1	32822	(000000-)	Handle, Grab	1
▲	2	761525	(000000-)	Step, Large Folding	1
▲	3	761526	(000000-)	Sitrip, Large Step	1

Fig. 33 - Night Light Kit



352008

	Ref.	TENNANT Part No.	Machine Serial Number	Description	Qty.
▽		765293	(000000-)	Light Kit, Halogen Night	1
▲▽	1	768555	(000000-)	Light, Halogen Flood	3
▲▲		768606	(000000-)	Lamp, Flood, Halogen	3
▲	2	762572	(000000-)	Bracket, Light, Night Sweeping	3
▲	3	10632-11	(000000-)	Grommet,Rbr,0.38Id,For .19Matl	2
▲		768612	(000000-)	Switch Kit, Spst	2
▲		762514	(000000-)	Fuse, 15Amp	1

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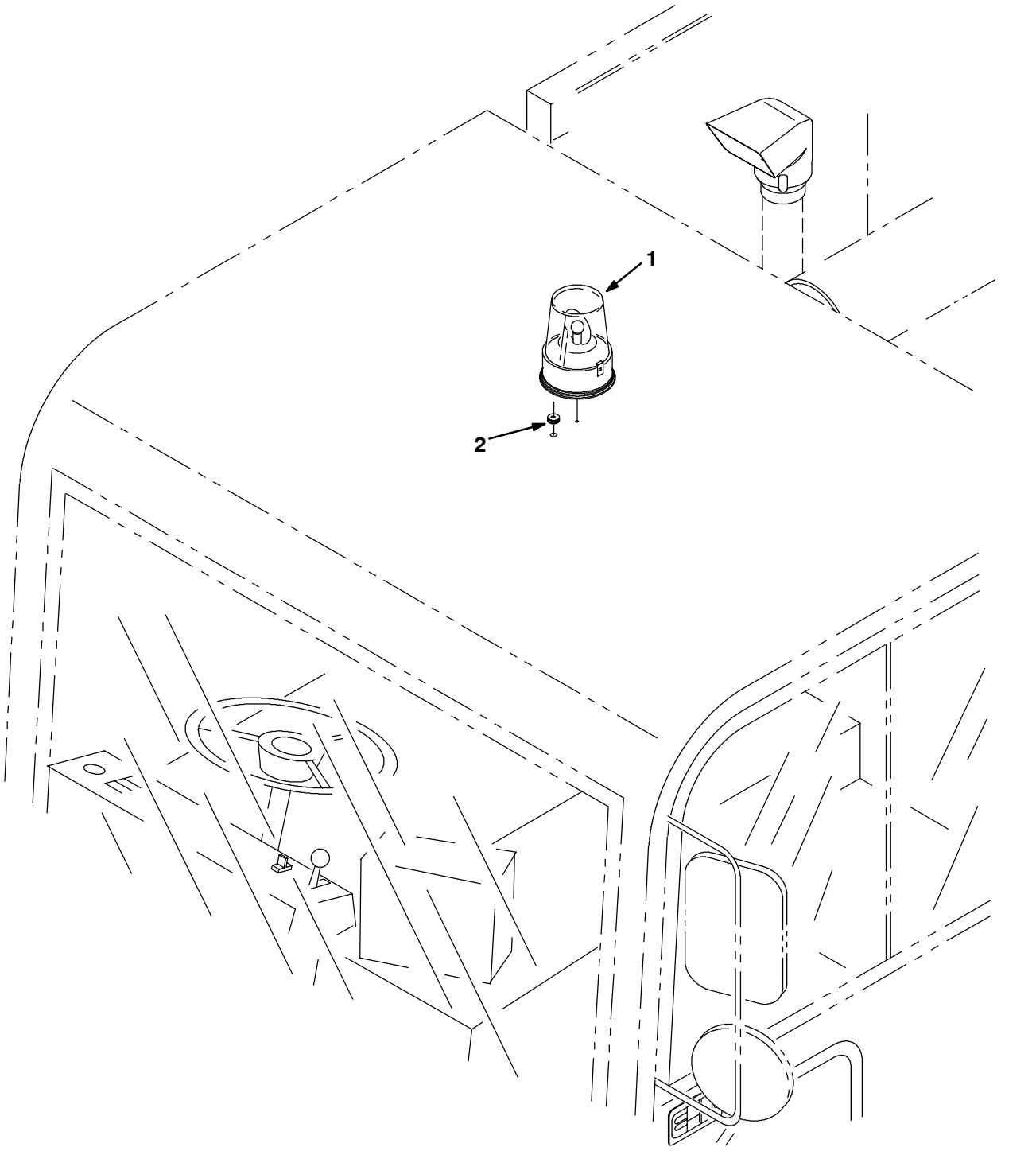
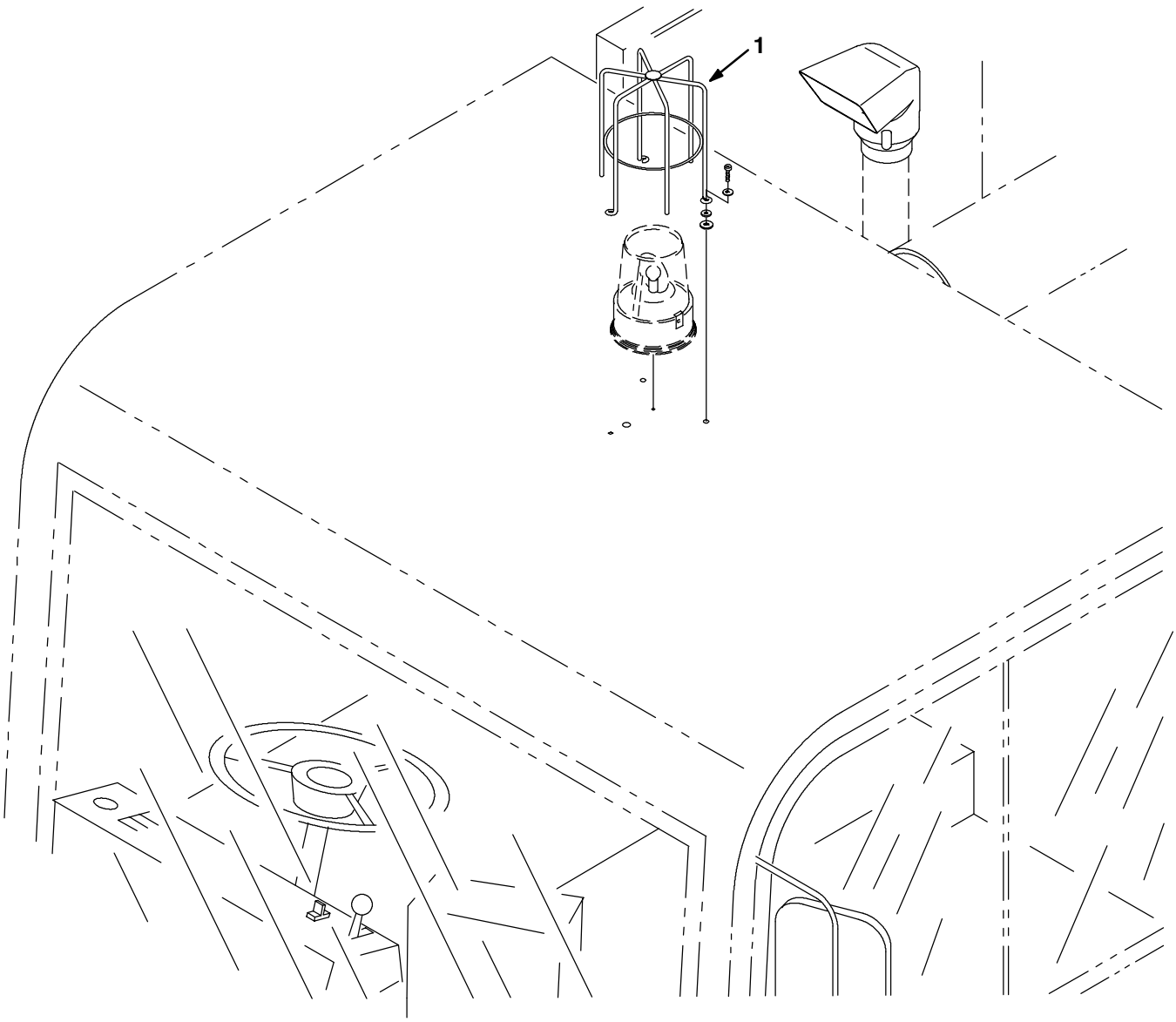
Fig. 34 - Cab Rotating Light Kit



	Ref.	TENNANT Part No.	Machine Serial Number	Description	Qty.
▽		765284	(000000-)	Lamp Assembly, Rotating, Cab	1
▲▽	1	768598	(000000-)	Lamp Assembly, Rotating	1
▲▲		367946	(000000-)	Lens, Amber, Light, Revl	1
▲▲		768605	(000000-)	Lamp, 12VDC, 55 Watt, Halogen	1
	2	10632-11	(000000-)	Grommet	1

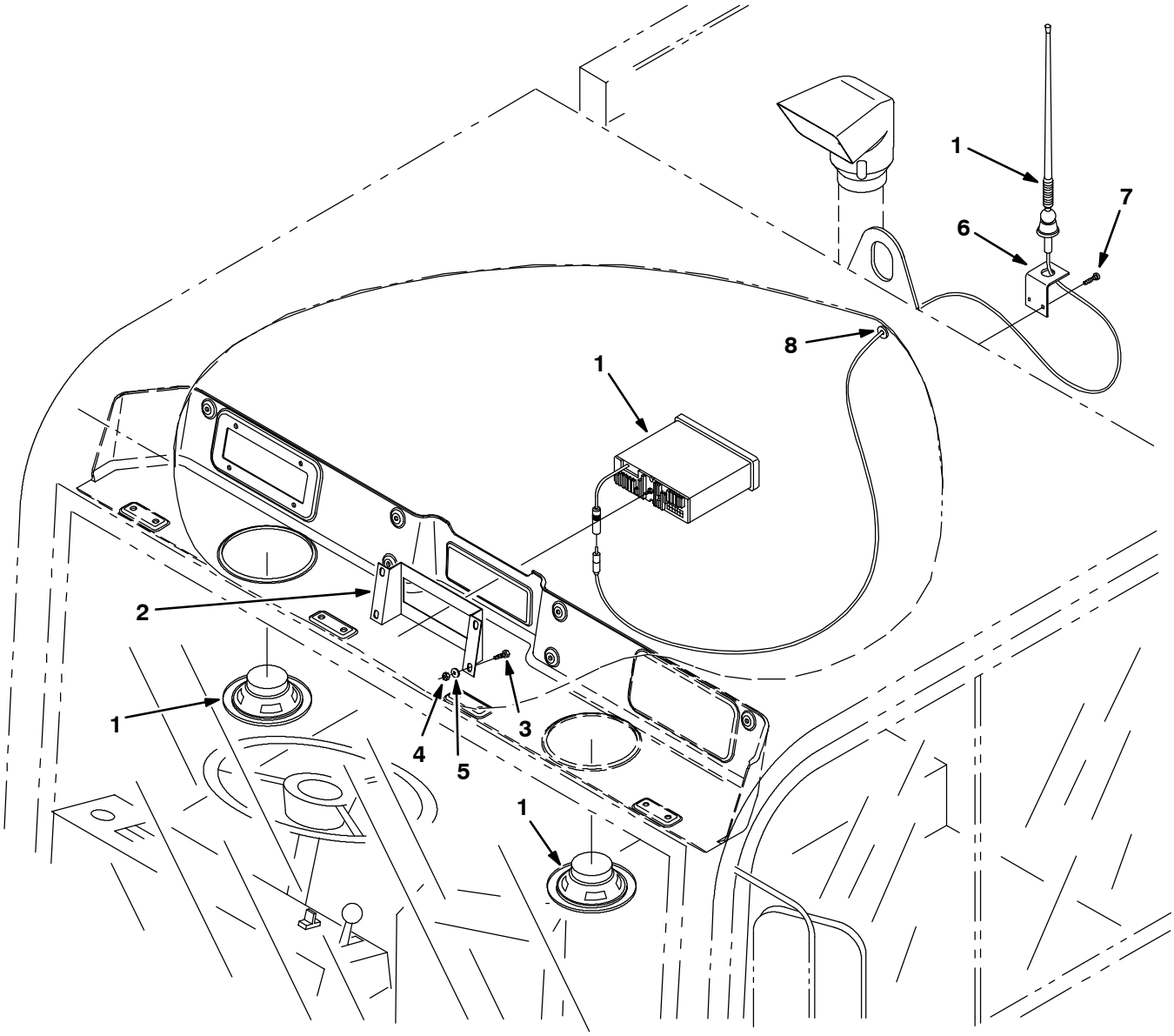
Fig. 35 - Brush Guard Kit



353285

	Ref.	TENNANT Part No.	Machine Serial Number	Description	Qty.
▽		765269	(000000-)	Kit, Guard, Brush	1
▲▽	1	768604	(000000-)	Guard, Rotating Lamp	1

Fig. 36 - Radio Tape Deck Kit

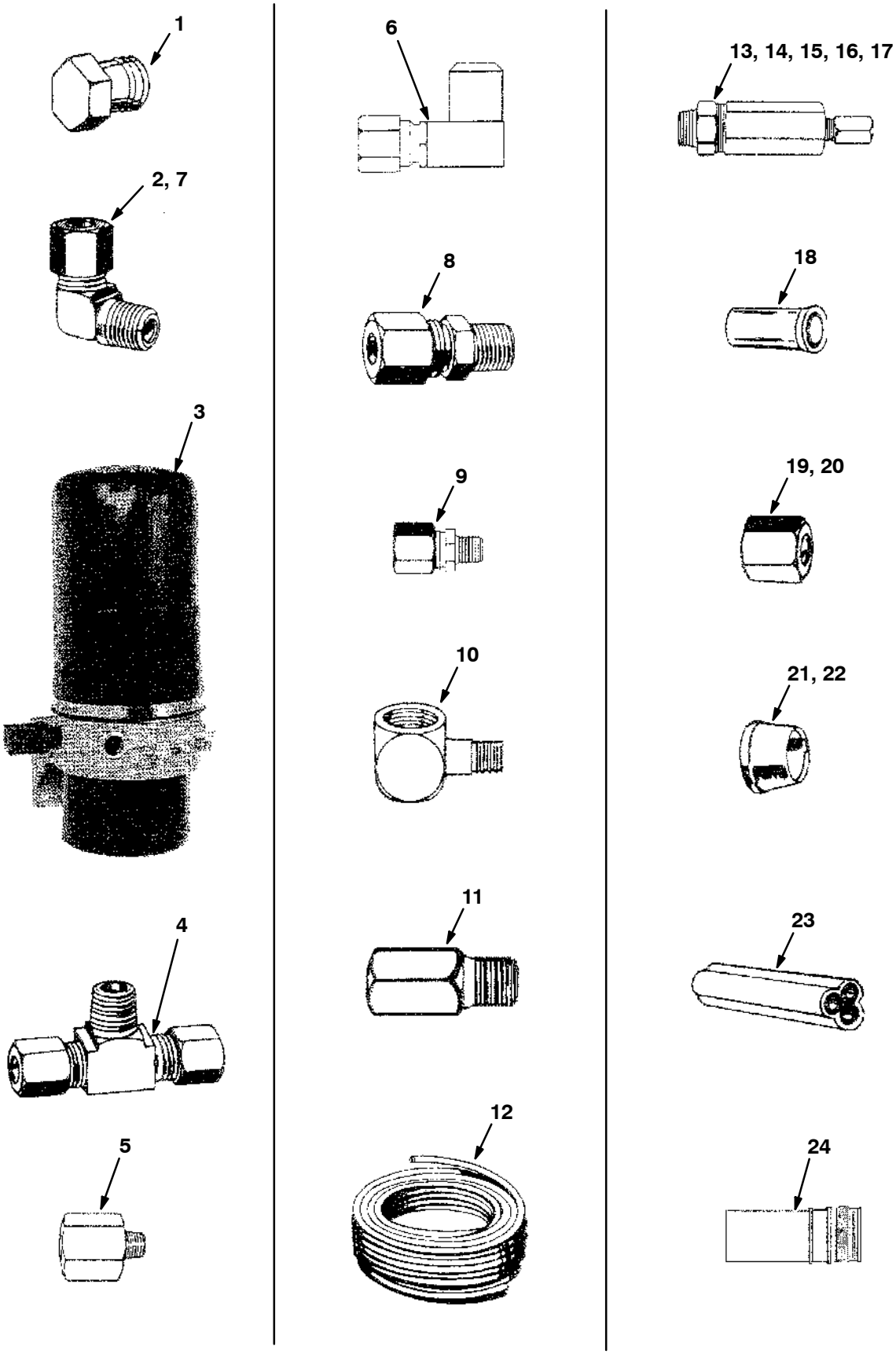


353284

Fig. 36 - Radio Tape Deck Kit

	Ref.	TENNANT Part No.	Machine Serial Number	Description	Qty.
▽		765292	(000000-)	Kit, Radio, Tape Deck	1
▲	1	768486	(000000-)	Kit, Radio	1
▲	2	768435	(000000-)	Bracket, Mtg, Radio	4
▲	3	06942	(000000-)	Screw, Hex M06x1.0x16	4
▲	4	08708	(000000-)	Nut, Hex, Lock, M06x1.0	4
▲	5	19066	(000000-)	Washer, Flt	1
▲	6	768438	(000000-)	Bracket, Antenna	2
▲	7	12459	(000000-)	Screw, Hex M06x1.0x20	1
▲	8	10632-11	(000000-)	Grommet	1
▲		25831	(000000-)	Connector	3
▲		78951	(000000-)	Terminal, Metripk280, Fem 16	3
▲		10917	(000000-)	Seal	1
▲		78954	(000000-)	Connector, Wire Lock	4
▲		49247	(000000-)	Terminal	1
▲		762513	(000000-)	Fuse	1

Fig. 37 - Auto-Lube System Group

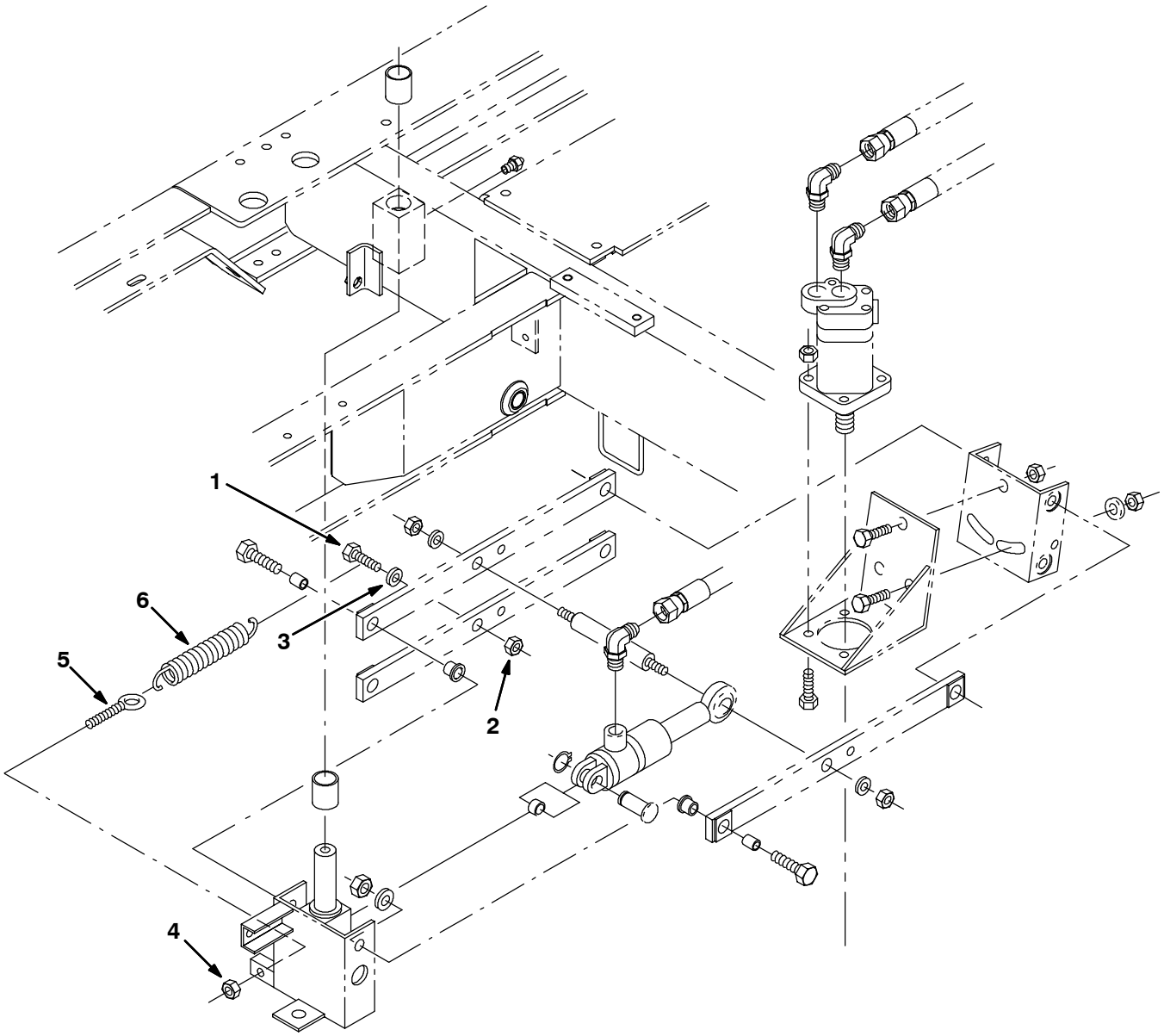


353677

Fig. 37 - Auto-Lube System Group

Ref.	TENNANT Part No.	Machine Number Serial	Description	Qty.
1	761741	(000000-)	Fitting, Plug	1
2	761742	(000000-)	Fitting, Elbow	1
3	761744	(000000-)	Pump, Assy Lubrication	1
	770035	(000000-)	Reservoir, Grease, 10lbs	1
4	761748	(000000-)	Fitting, Brass, Tee	1
5	761752	(000000-)	Fitting, Pipe, Str 02pm-.25-28sae	1
6	761753	(000000-)	Fitting, E90 Snap	1
7	761754	(000000-)	Fitting, Brass, E90 02pm-03com	1
8	761755	(000000-)	Fitting, Brass, Str 02pm-03com	1
9	761756	(000000-)	Fitting, Brass, Str 03com-.25-28sae	1
10	761757	(000000-)	Fitting, Brass, E90 02pm-.25-28sae	1
11	761758	(000000-)	Fitting, Pipe, Str 02pm-02pf	1
12	761759	(000000-)	Tube, Plstc 5/16 Od	1
13	761761	(000000-)	Valve, Metering #0	1
14	761762	(000000-)	Valve, Metering #1	1
15	761763	(000000-)	Valve, Metering #2	1
16	761781	(000000-)	Valve, Metering #3	1
17	761782	(000000-)	Valve, Metering #8	1
18	761783	(000000-)	Sleeve, Brass 05com	1
19	761784	(000000-)	Nut, Brass 03com	1
20	761785	(000000-)	Nut, Brass 05com	1
21	761786	(000000-)	Sleeve, Ferrule .188 Dia	1
22	761787	(000000-)	Sleeve, Ferrule .312	1
23	761790	(000000-)	Tube, Plstc, W/Grease .188 Od X 15 Ft	1
24	761595	(000000-)	Fitting, Qf	1
	761743	(000000-)	Fitting, Stud	1
	761788	(000000-)	Timer	1
	761745	(000000-)	Cable, Power	1
	761746	(000000-)	Plug, Outlet	1
	761747	(000000-)	Fitting, Plug	1
	761749	(000000-)	Fitting, Str	1
	761750	(000000-)	Fitting, Str, Nipple Npt	1
	761751	(000000-)	Fitting, Brass, E90	1
	761789	(000000-)	Valve, Relief	1
	770646	(000000-)	'Fitting, Tube, Union	1
	770149	(000000-)	Label, Blank, 08.5 X 11.0 Clr Poly	1
	769090	(000000-)	Grease, Gen Purpose, EP 35lbs 5 gal. Pail	1

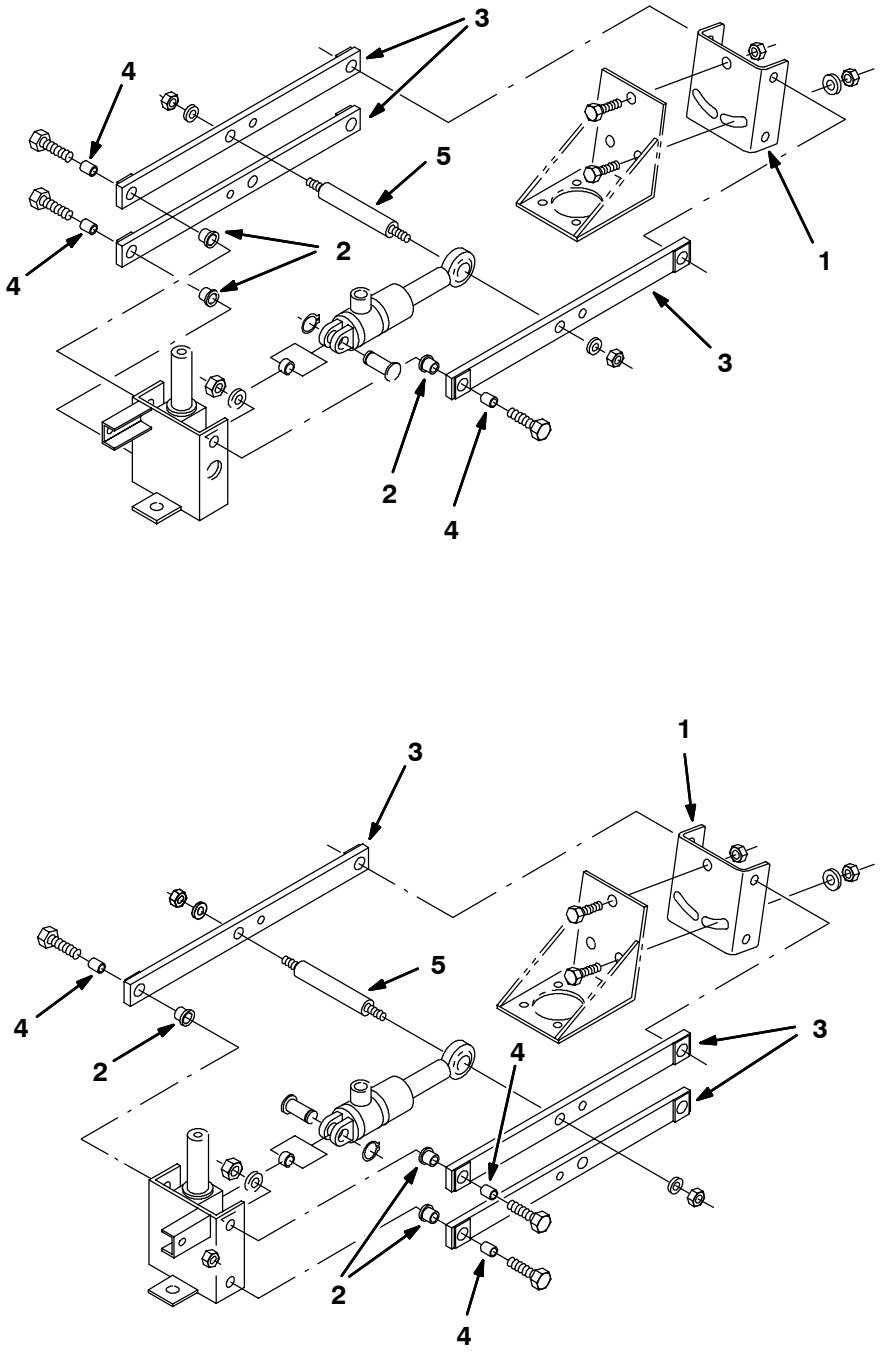
Fig. 38 - Side Brush Spring Kit



353152

	Ref.	TENNANT Part No.	Machine Serial Number	Description	Qty.
▽		760107	(000000-)	Spring Kit, Side Brush	1
▲	1	06969	(000000-)	Screw Hex M12X1.75X40	1
▲	2	08711	(000000-)	Nut HxLocNyln M12X1.75	1
▲	3	32486	(000000-)	Washer Flt .50 SAE	2
▲	4	32985	(000000-)	Nut HxLocNyln .50-13 Std.	1
▲	5	761225	(000000-)	Eyebolt, .50-13X3.5”	1
▲	6	761235	(000000-)	Spring, Tension 30X5.5X149	1

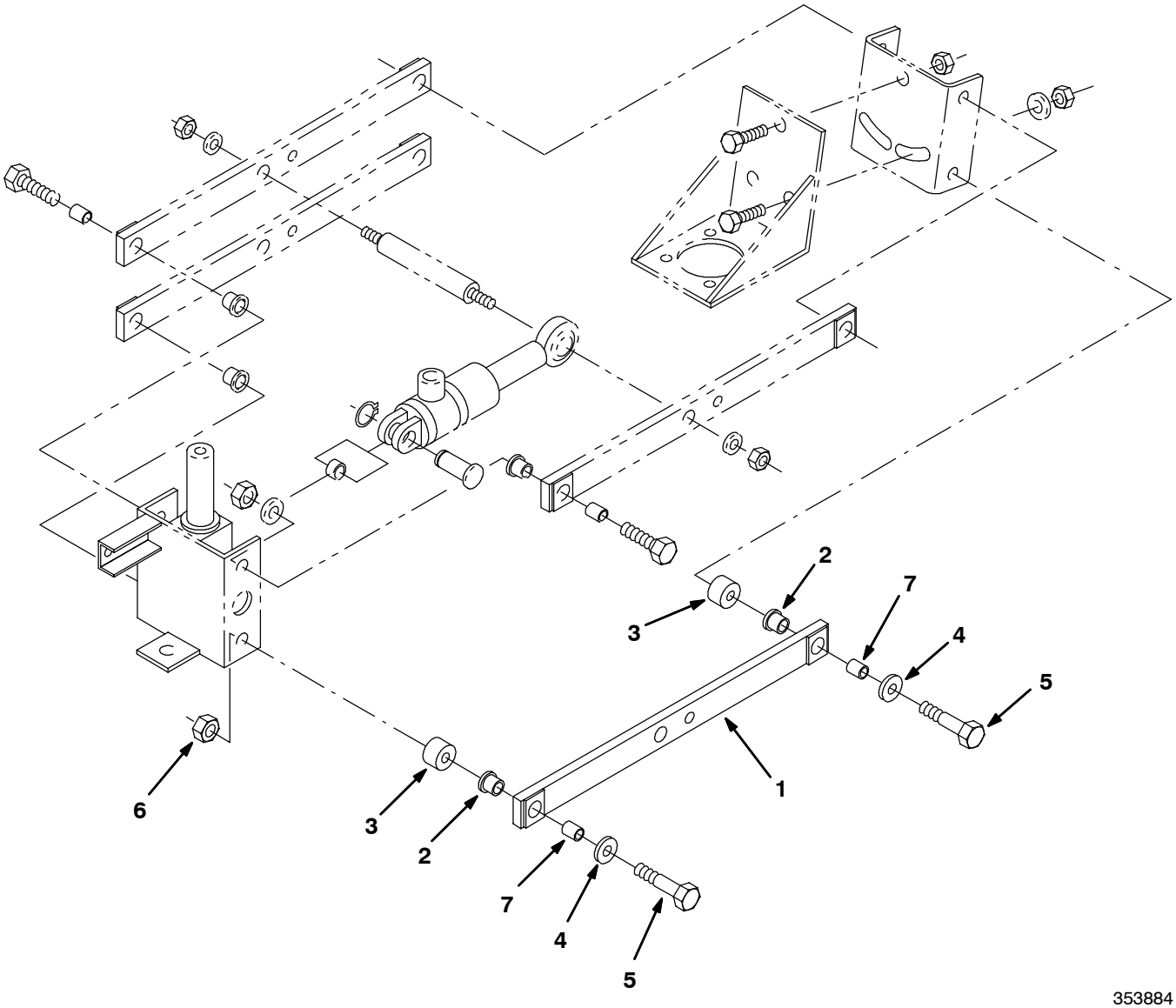
Fig. 39 - Side Brush Linkage Kit



353883

	Ref.	TENNANT Part No.	Machine Serial Number	Description	Qty.
▽		767642	(000000-)	Kit, Ci, Linkage, Brush, Side	1
▲	1	768834	(000000-)	Channel Wldt, Lower Support	1
▲	2	767641	(000000-)	Bushing, Flng, 0.63b 0.82d 0.75l, Bnz	1
▲	3	768836	(000000-)	Bar Wldt, Brush Support	1
▲	4	768842	(000000-)	Tube, 00.62d 00.47b 00.8l Stl	1
▲	5	767644	(000000-)	Shaft, Side Brush	1

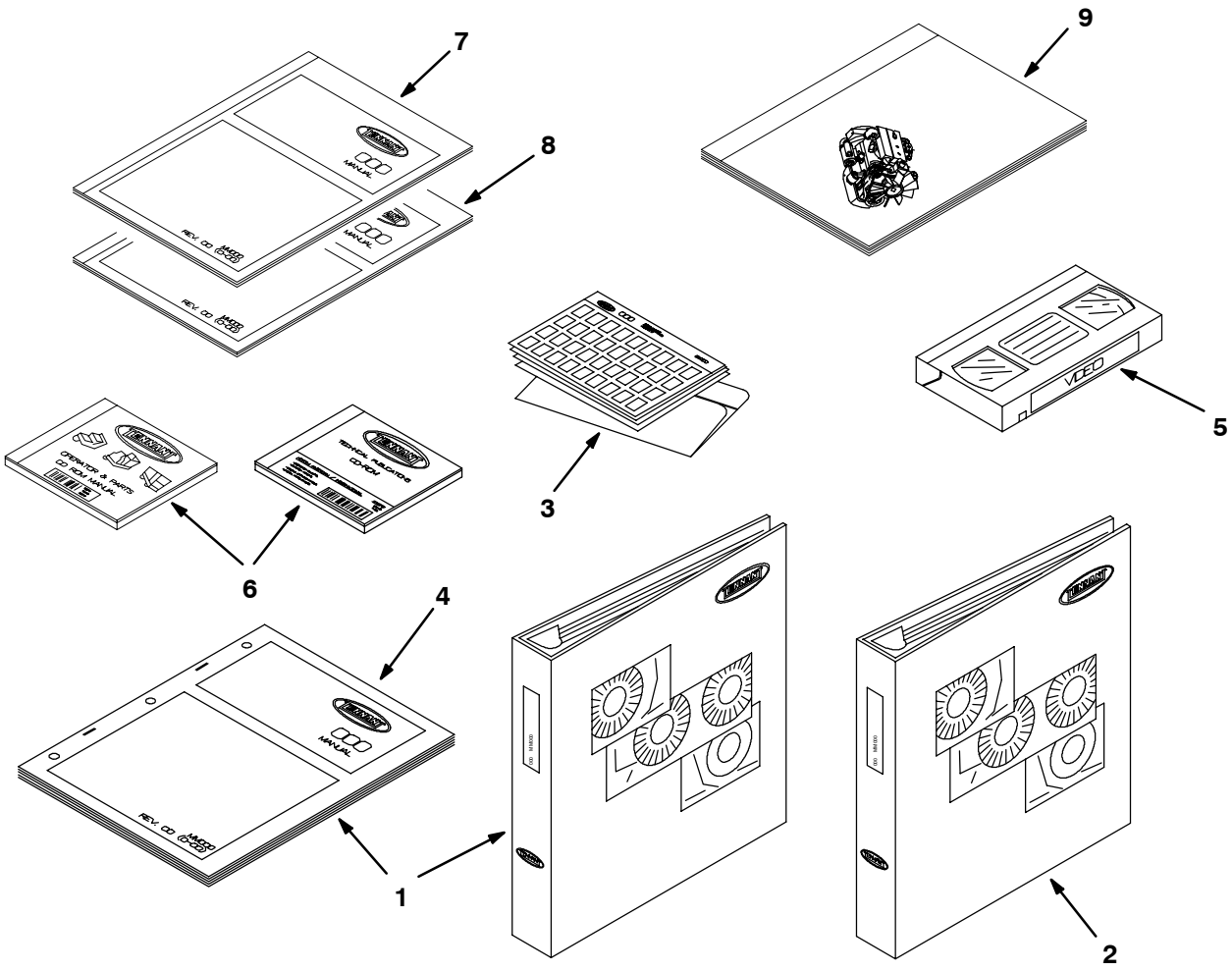
Fig. 40 - Fourth Bar Linkage Kit



353884

	Ref.	TENNANT Part No.	Machine Serial Number	Description	Qty.
▽		769590	(000000-)	Kit, Ci, Linkage, Brush, Side	1
▲	1	768836	(000000-)	Bar Wldt, Brush Support	2
▲	2	767641	(000000-)	Bushing, Flng, 0.63b 0.82d 0.75l, Bnz	2
▲	3	769589	(000000-)	Spacer	2
▲	4	32486	(000000-)	Washer, Flat, .50 Sae	2
▲	5	06973	(000000-)	Screw, Hex, M12 X 1.75 X 70, 8.8	2
▲	6	08167	(000000-)	Nut, Hex, Stover, M12 X 1.75	2
▲	7	768842	(000000-)	Tube, 00.62d 00.47b 00.8l Stl	2

Fig. 41 - Documentation Group



07501 - NA

Ref.	TENNANT Part No.	Machine Serial Number	Description	Qty.
1	330430	(000000-)	Manual Pkg 830II	1
2	330435	(000000-)	Service Manual Pkg 830	1
3	330431	(000000-)	Manual-Fiche Pkg 830	1
4	330432	(000000-)	Manual Op/Mt 830 Spanish	1
4	330433	(000000-)	Manual Op/Mt 830 French	1
5	765261	(000000-)	830 Oper/Video VHS	1
5	765262	(000000-)	830 Oper/Video PAL	1
6	330710	(000000-)	Manual, CD-ROM, Oprts&Parts, All (NA)	1
6	330715	(000000-)	Manual, CD-ROM, Service	1
7	330492	(000000-)	Cummins, 4 Cylinder Engine Breakdown	1
8	330493	(000000-)	Cummins, 6 Cylinder Engine Breakdown	1
9	330728	(000000-)	Manual, Engine Perkins ES	1

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Fig. 1 - Hydraulic Piston Motor Breakdown, 767200

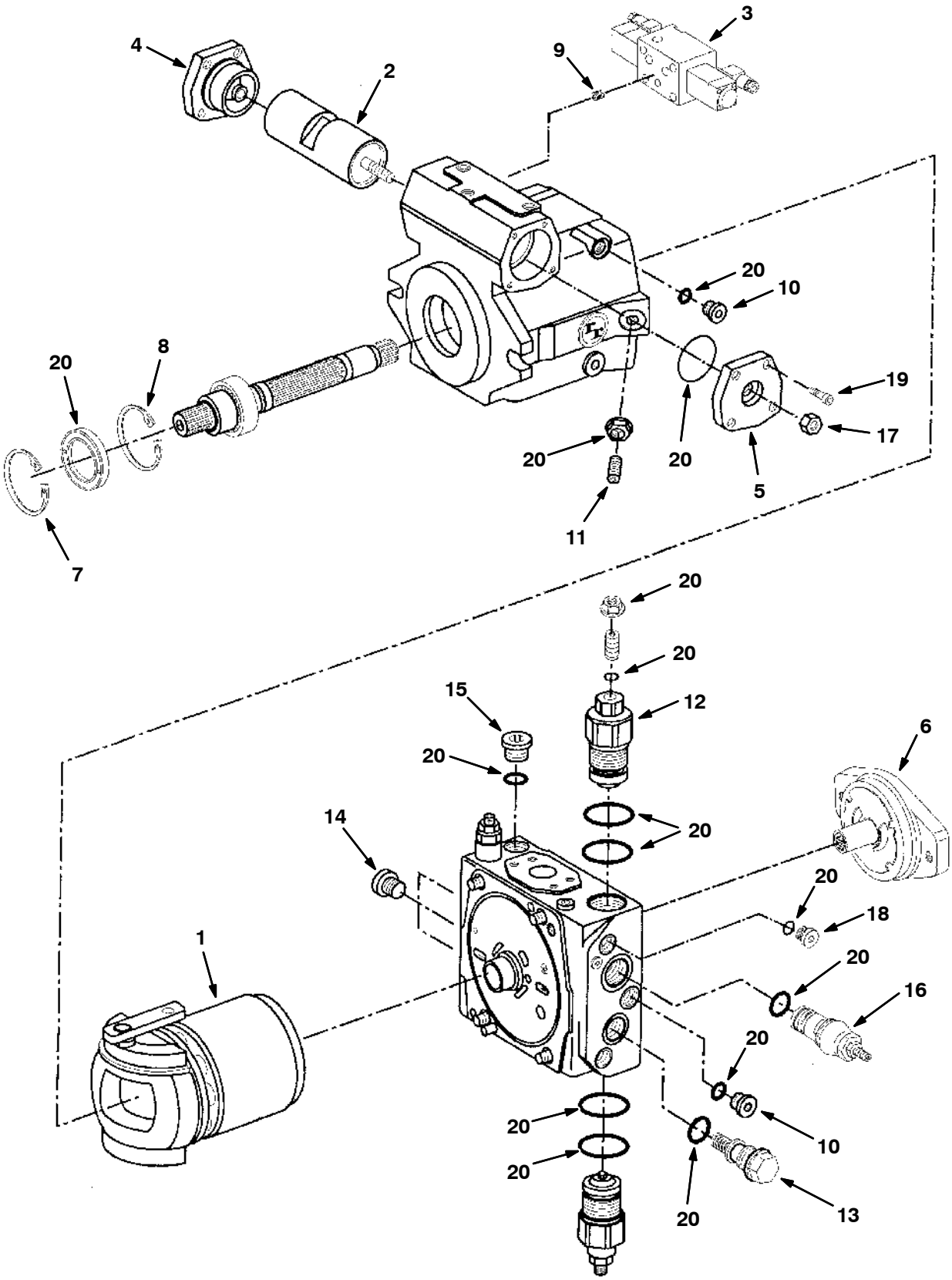


Fig. 1 - Hydraulic Piston Motor Breakdown, 767200

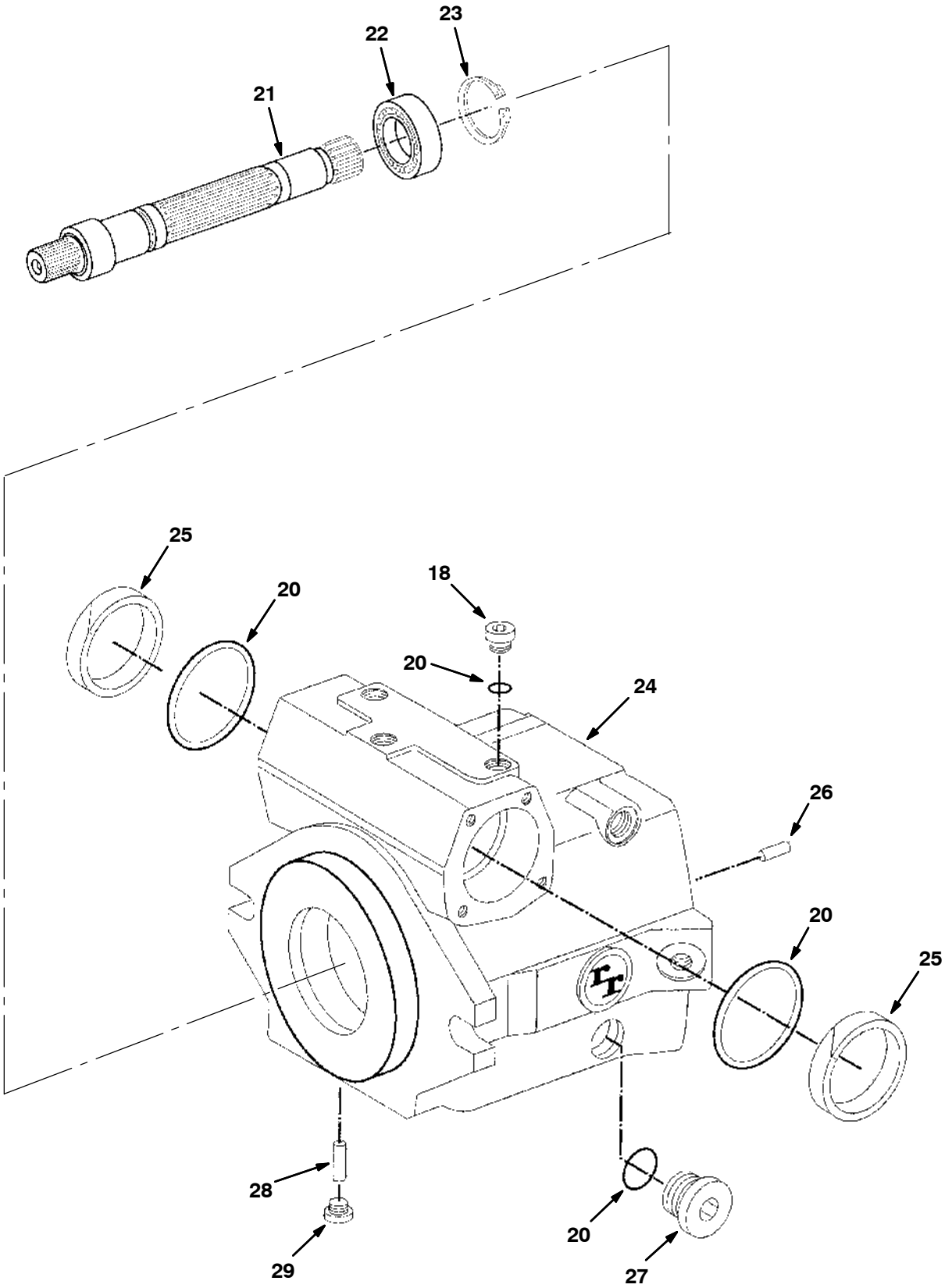


Fig. 1 - Hydraulic Piston Motor Breakdown, 767200

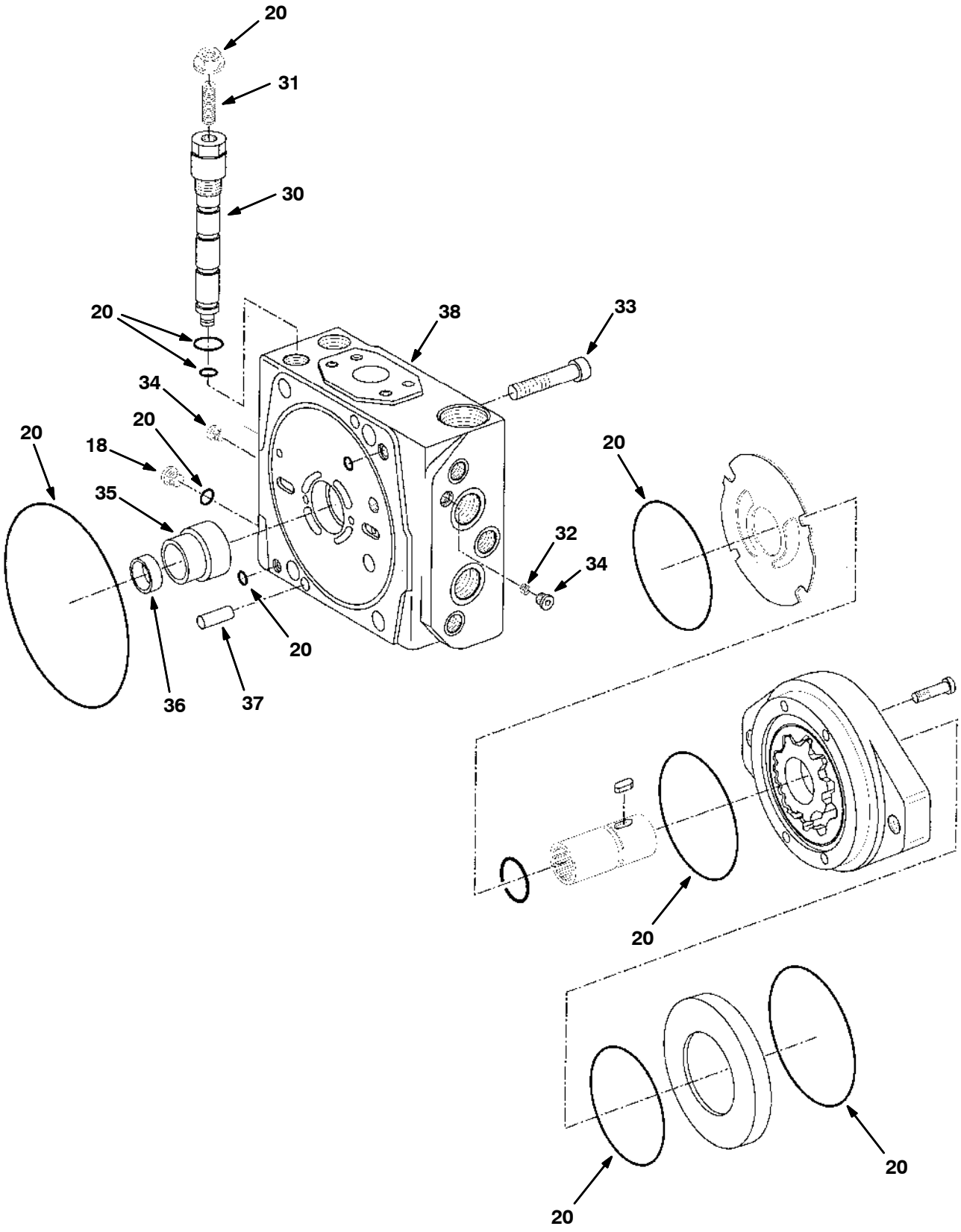
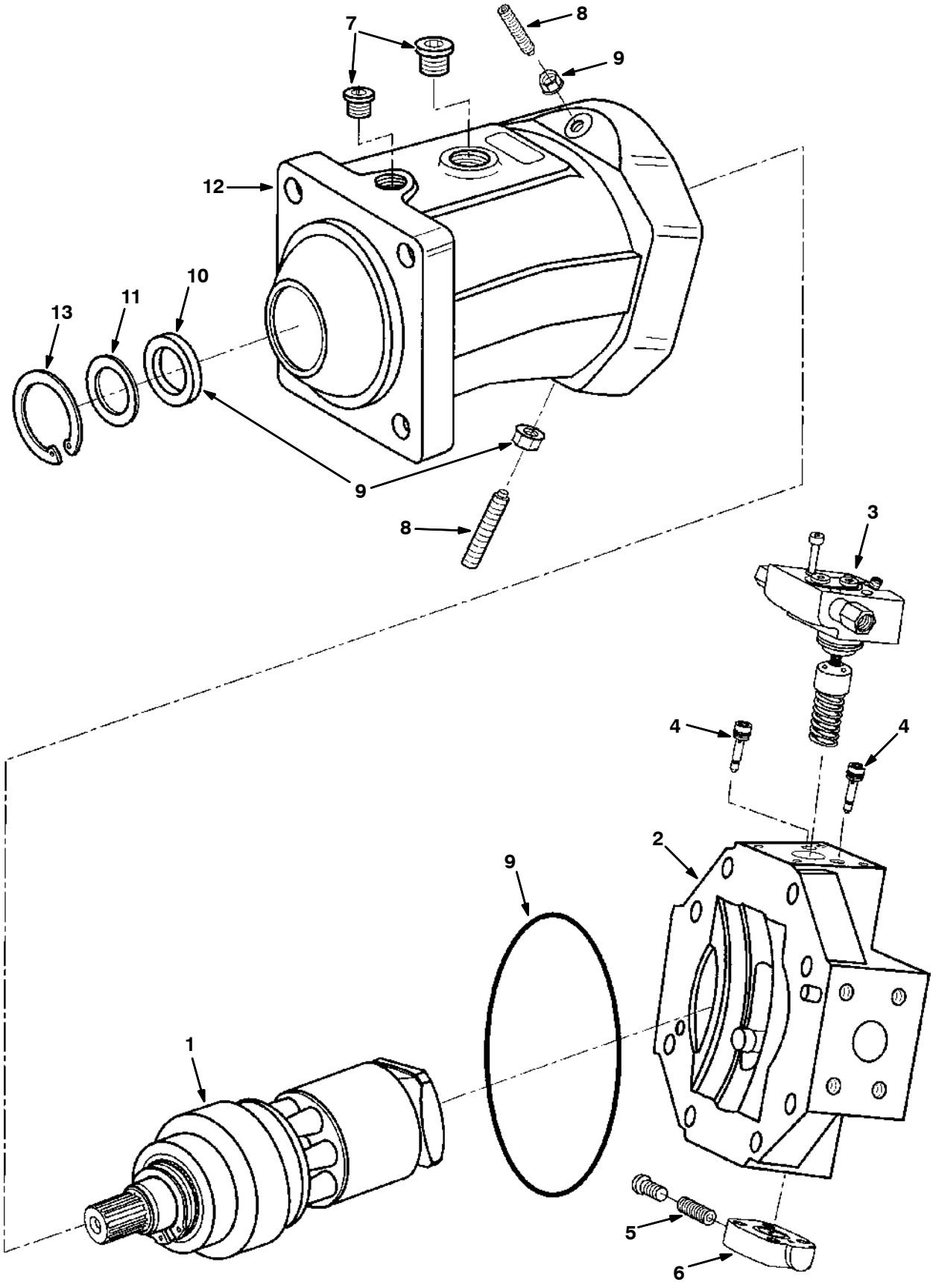


Fig. 1 - Hydraulic Piston Pump Breakdown, 767200

	Ref.	TENNANT Part No.	Manufacturer Serial Number		Description	Qty.
▽		767200	(000000-	)	Pump, Piston, Rexroth	1
▲	1	763521	(000000-	)	Rotary Group	1
▲	2	763527	(000000-	)	Stroking Piston Assembly	1
▲	3	763931	(000000-	)	DA Control Assembly	1
▲	4	763535	(000000-	)	Stroking Piston Cover	1
▲	5	763536	(000000-	)	Stroking Piston Cover	1
▲	6	763537	(000000-	)	Thru Drive Charge Pump Assembly	1
▲	7	763538	(000000-	)	Snap Ring	1
▲	8	763934	(000000-	)	Snap Ring	1
▲	9	763943	(000000-	)	Orifice (0.8 mm)	1
▲	10	13904	(000000-	)	Plug	2
▲	11	763443	(000000-	)	Eccentric Screw	1
▲	12	763539	(000000-	)	H.P.R.V. with Tow Option (4000-6100 psi)	2
▲	13	763446	(000000-	)	Charge Pressure Relief Valve Kit	1
▲	14	763447	(000000-	)	Plug	3
▲	15	13907	(000000-	)	Plug	1
▲	16	763449	(000000-	)	DA Cartridge	1
▲	17	763450	(000000-	)	Jam Nut	1
▲	18	74098	(000000-	)	Plug	6
▲	19	763541	(000000-	)	Cap Screw	8
▲	20	763542	(000000-	)	Seal Klt	1
▲	21	763518	(000000-	)	Shaft	1
▲	22	763519	(000000-	)	Bearing	1
▲	23	763520	(000000-	)	Retaining Ring	1
▲	24	763522	(000000-	)	Housing	1
▲	25	763523	(000000-	)	Bushing	2
▲	26	763524	(000000-	)	Locating Pin	1
▲	27	79779	(000000-	)	Plug	1
▲	28	763525	(000000-	)	Pin	1
▲	29	763526	(000000-	)	Plug	1
▲	30	763528	(000000-	)	P.O.R. Assembly	1
▲	31	763529	(000000-	)	Adjusting Screw	1
▲	32	763451	(000000-	)	Orifice (1.8 mm)	1
▲	33	763530	(000000-	)	Cap Screw	4
▲	34	763452	(000000-	)	Plug	3
▲	35	763531	(000000-	)	Bushing Support	1
▲	36	763532	(000000-	)	Bushing	1
▲	37	763533	(000000-	)	Dowell Pin	2
▲	38	763534	(000000-	)	Port Block	1

Fig. 2 - Hydraulic Piston Motor Breakdown, 762136



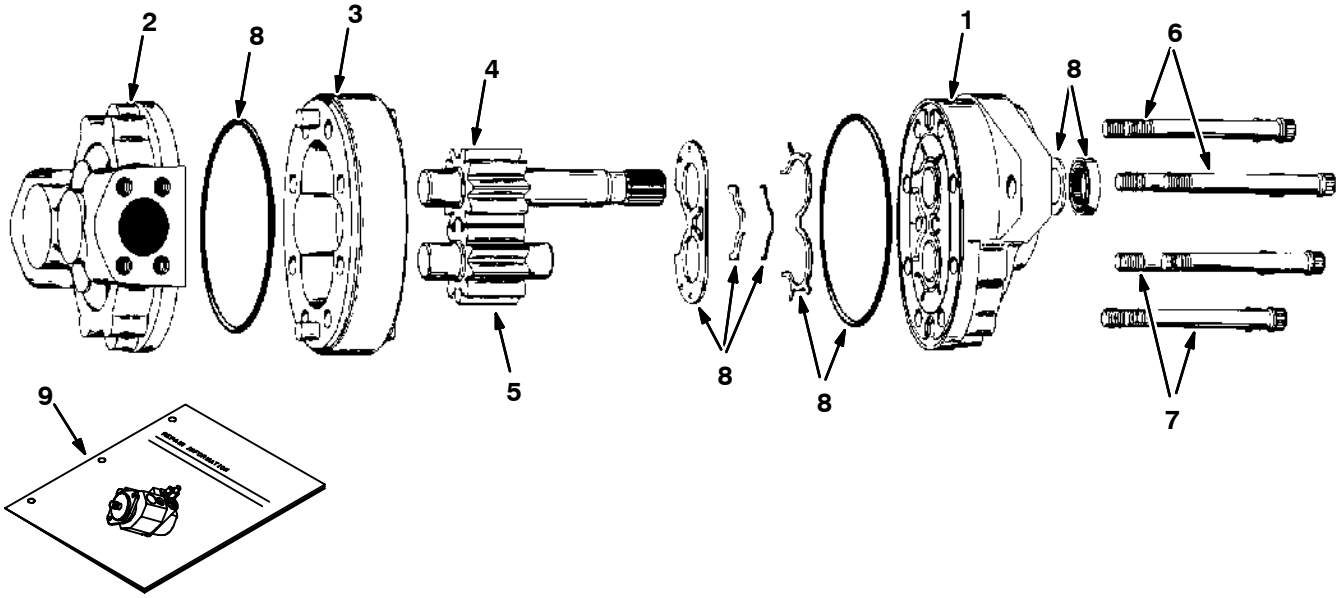
10975

Fig. 2 - Hydraulic Piston Motor Breakdown, 762136

NOTE: This hydraulic motor is available as a "rebuilt" motor, Tennant part number 376059.

	Ref.	TENNANT Part No.	Manufacturer Serial Number		Description	Qty.
▽		762136	(000000–	)	Motor, Piston, Rexroth	1
▲	1	763948	(000000–	)	Rotary Group	1
▲	2	763949	(000000–	)	Rear Cover Assembly	1
▲	3	763950	(000000–	)	DA Control Kit	1
▲	4	763951	(000000–	)	Check Valve Kit	2
▲	5	763457	(000000–	)	Swivel Orifice Kit	1
▲	6	763952	(000000–	)	Stroking Piston Cover	1
▲	7	763447	(000000–	)	Plug (M18 x 1.5)	2
▲	8	763461	(000000–	)	Stop Screw	2
▲▽	9	763956	(000000–	)	Seal Kit	1
▲▲	10	763464	(000000–	)	Shaft Seal	1
▲	11	763953	(000000–	)	Shim	1
▲	12	763954	(000000–	)	Housing	1
▲	13	763955	(000000–	)	Snap Ring	1

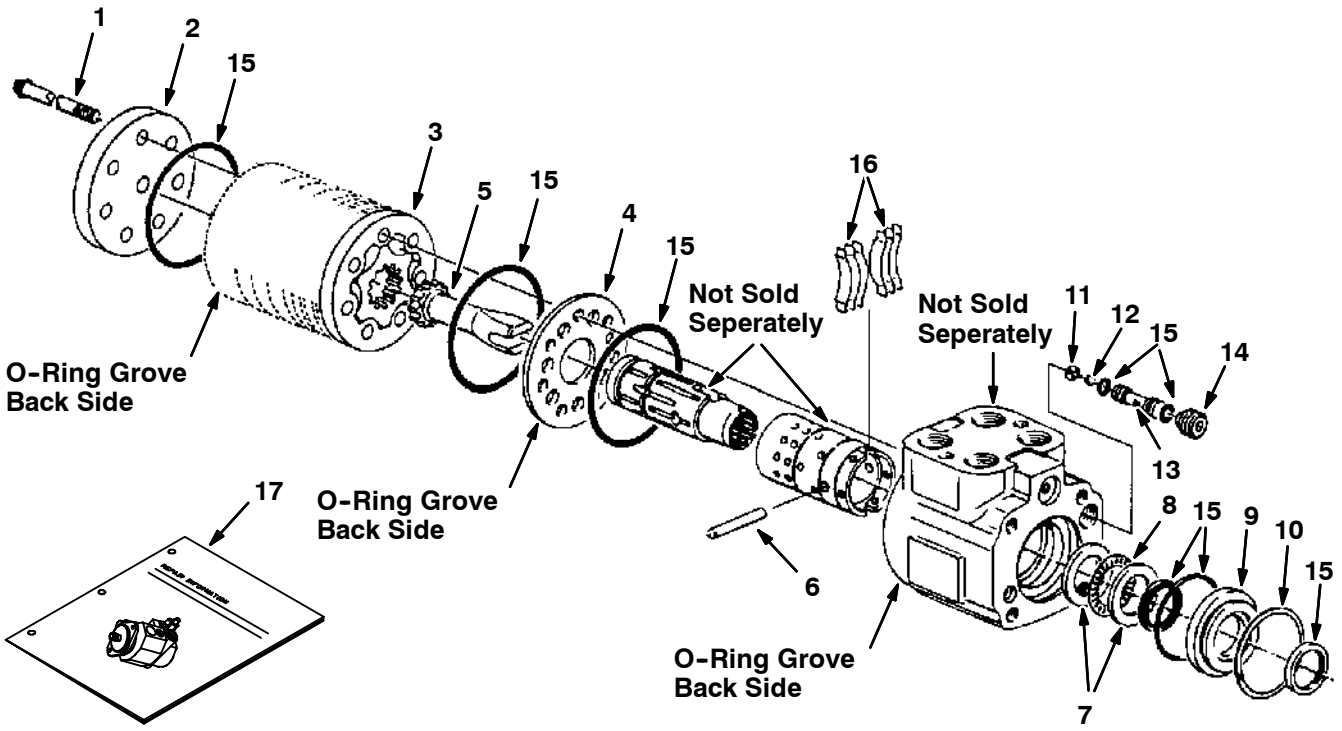
Fig. 3 - Hydraulic Gear Pump Breakdown, 762024



10308-09670

	Ref.	TENNANT Part No.	Manufacturer Serial Number		Description	Qty.
▽		762024	(000000-	)	Pump, Hyd Gear 1.76 Cid	1
▲	1	763485	(000000-	)	Frontplate	1
▲	2	763486	(000000-	)	Backplate	1
▲	3	763487	(000000-	)	Body	1
▲	4	763488	(000000-	)	Drive Gear	1
▲	5	763489	(000000-	)	Idler Gear	1
▲	6	763490	(000000-	)	Screw, Cap	4
▲	7	763501	(000000-	)	Screw, Cap	4
▲	8	763503	(000000-	)	Seal Kit	1
	9	763502	(000000-	)	Repair Info, Pmp	1

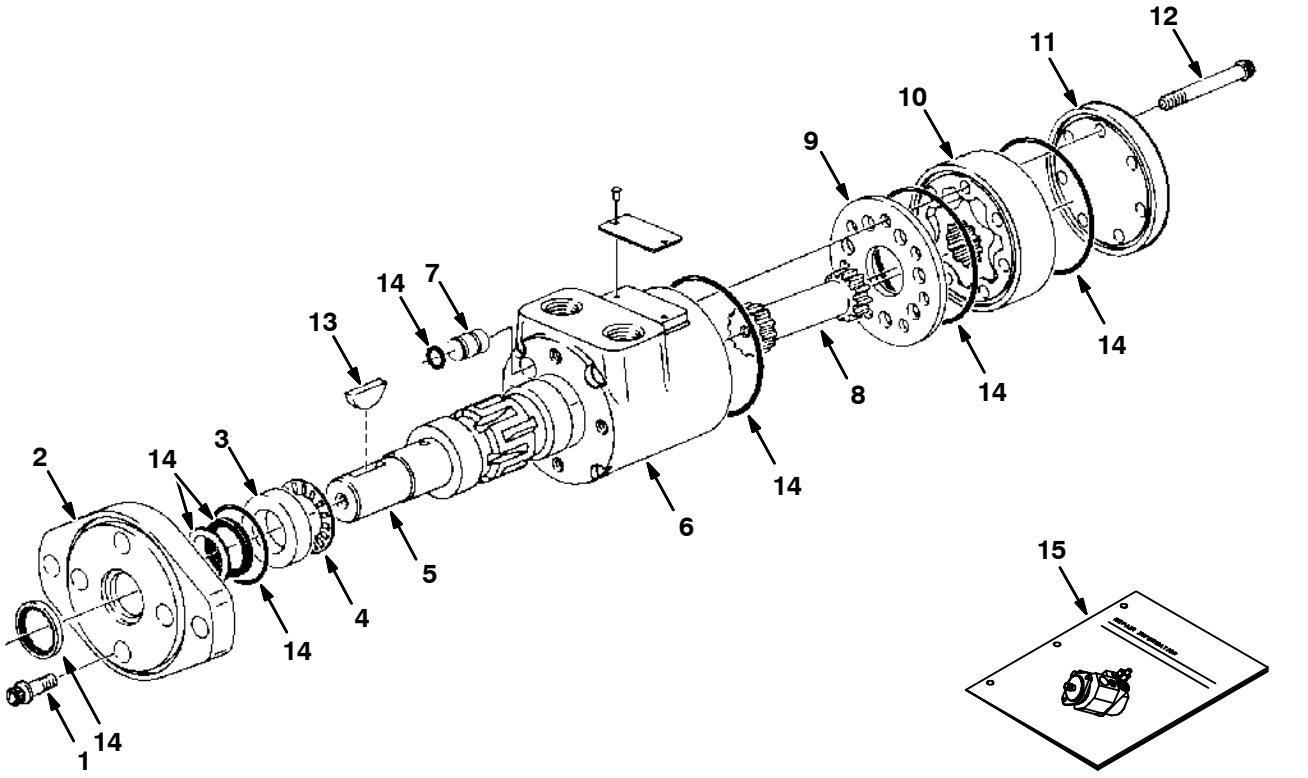
Fig. 4 - Hydraulic Steering Valve Breakdown, 762018



10172-09670

	Ref.	TENNANT Part No.	Manufacturer Serial Number		Description	Qty.
▽		762018	(000000-	)	Valve, Hydraulic Steering	1
▲	1	74174	(000000-	)	Cap, Screw	7
▲	2	74181	(000000-	)	Cap, End	1
▲	3	65235	(000000-	)	Gerotor Set	1
▲	4	74182	(000000-	)	Plate, Wear	1
▲	5	58596	(000000-	)	Drive	1
▲	6	74218	(000000-	)	Pin	1
▲	7	74109	(000000-	)	Race, Bearing	2
▲	8	74110	(000000-	)	Bearing, Needle	1
▲	9	763401	(000000-	)	Bushing, Gland Seal	1
▲	10	74111	(000000-	)	Ring, Retaining	1
▲	11	74186	(000000-	)	Retainer, Check	1
▲	12	74187	(000000-	)	Ball	1
▲	13	74188	(000000-	)	Seat, Check Ball	1
▲	14	74189	(000000-	)	Screw, Set	1
▲	15	763404	(000000-	)	Seal Kit, Scu	1
▲	16	763403	(000000-	)	Spring Kit, Centering	1
▲		763402	(000000-	)	Check Valve, Inlet	1
	17	763430	(000000-	)	Repair Info	1

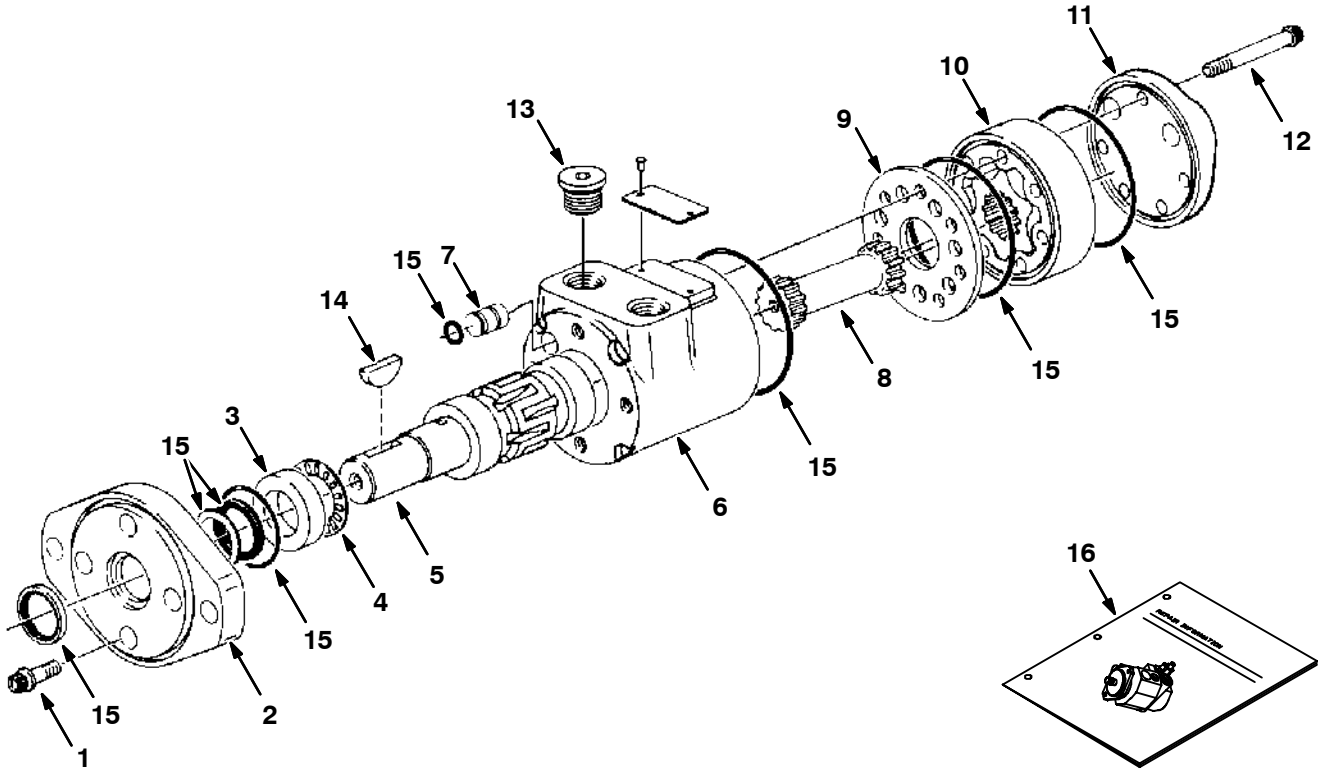
Fig. 5 - Hydraulic Motor Breakdown, 767020



10310-09670

	Ref.	TENNANT Part No.	Manufacturer Serial Number		Description	Qty.
▽		767020	(000000-	)	Motor, Hyd 3Rd Brush Transprt	1
▲	1	37555	(000000-	)	Screw	4
▲	2	763504	(000000-	)	Flg, Mtg 2-Bolt	1
▲	3	16695	(000000-	)	Race Thrust	1
▲	4	45628	(000000-	)	Thrust Bearing	1
▲	5	31357	(000000-	)	Shaft, Output	1
▲	6	763505	(000000-	)	Housing	1
▲	7	74093	(000000-	)	Plug Housing	1
▲	8	34172	(000000-	)	Drive	1
▲	9	74094	(000000-	)	Spacer Plate	1
▲	10		(000000-	)	Gerotor Assy	1
▲	11	38873	(000000-	)	Cover Cap	1
▲	12	74191	(000000-	)	Screw, Cap	7
▲	13	00500-15	(000000-	)	Key-Wdruff 0.25 1.00 Asa#0808	1
▲	14	28835	(000000-	)	Seal Kit, Motor A/H-Stnd	1
	15	763507	(000000-	)	Repair Info, Mtr	1

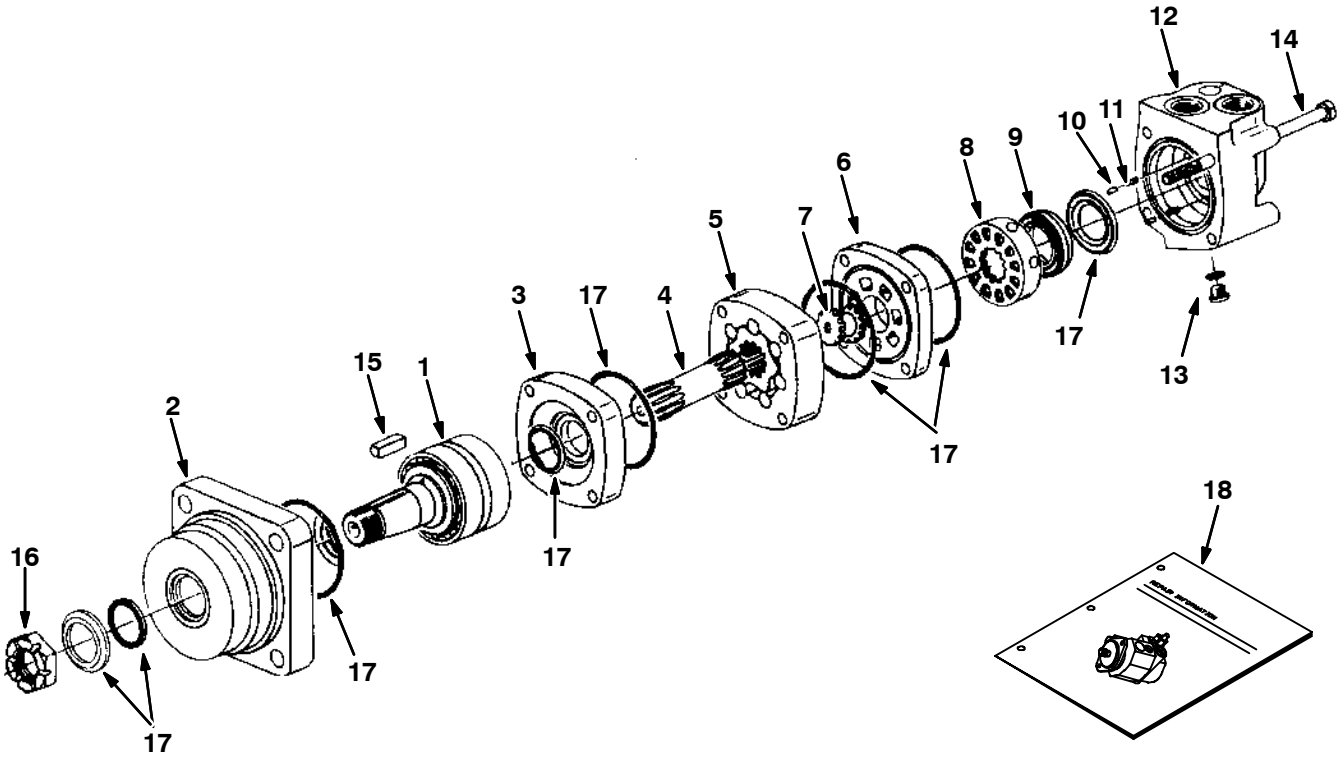
Fig. 6 - Hydraulic Motor Breakdown, 762035



10312-09670

	Ref.	TENNANT Part No.	Manufacturer Serial Number		Description	Qty.
▽		762035	(000000-	)	Motor, Hyd Shaker W/End Ports	1
▲	1	37555	(000000-	)	Screw	4
▲	2	763504	(000000-	)	Flg, Mtg 2-Bolt	1
▲	3	16695	(000000-	)	Race Thrust	1
▲	4	45628	(000000-	)	Thrust Bearing	1
▲	5	763508	(000000-	)	Output Shaft	1
▲	6	74092	(000000-	)	Housing	1
▲	7	74093	(000000-	)	Plug, Housing	1
▲	8	34172	(000000-	)	Drive	1
▲	9	74094	(000000-	)	Spacer Plate	1
▲	10	763506	(000000-	)	Gerotor Assy	1
▲	11	763509	(000000-	)	End Cap	1
▲	12	74191	(000000-	)	Screw, Cap	5
▲	13	74099	(000000-	)	Plug #10	2
▲	14	00500-15	(000000-	)	Key-Wdruff 0.25 1.00 Asa#0808	1
▲	15	28835	(000000-	)	Seal Kit, Motor A/H-Stnd	1
	16	763507	(000000-	)	Repair Info, Mtr	1

Fig. 7 - Hydraulic Gear Motor Breakdown, 762058

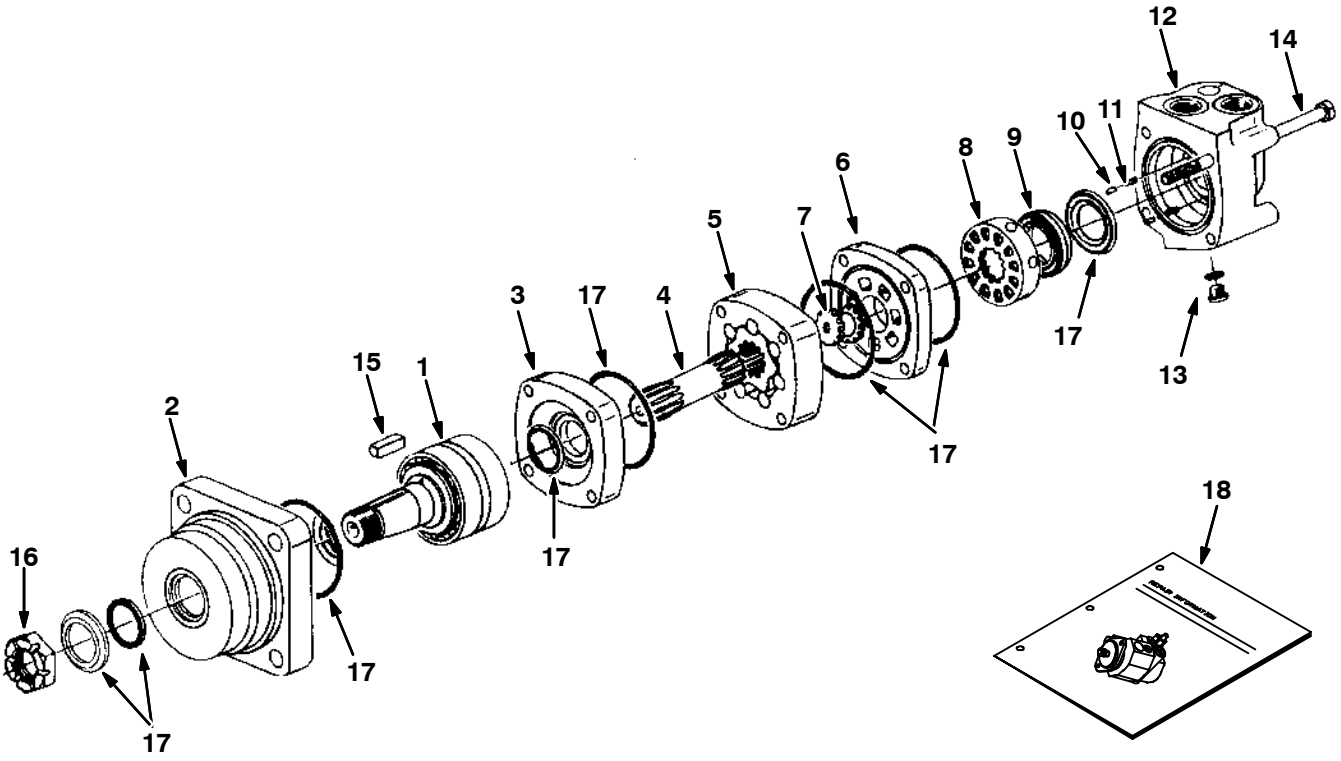


350298-09670

Fig. 7 - Hydraulic Gear Motor Breakdown, 762058

	Ref.	Tennant Part No.	Manufactuer Serial Number		Description	Qty.
▽		762058	(000000-	)	Motor, Hyd Gear	1
▲	1	21951	(000000-	)	Shaft/Brg Kit	1
▲	2	762083	(000000-	)	Housing, Brg	1
▲	3	51417	(000000-	)	Plate	1
▲	4	763512	(000000-	)	Drive	1
▲	5	763513	(000000-	)	Geroler	1
▲	6	02646	(000000-	)	Valve Plate	1
▲	7	57370	(000000-	)	Valve Drive	1
▲	8	02647	(000000-	)	Valve	1
▲	9	57373	(000000-	)	Balance Ring	1
▲	10	57374	(000000-	)	Pin	2
▲	11	57375	(000000-	)	Spring	2
▲	12	74119	(000000-	)	Housing, Valve	1
▲	13	74098	(000000-	)	Plug #4	1
▲	14	763514	(000000-	)	Bolt	4
▲	15	38315	(000000-	)	Key	1
▲	16	38490	(000000-	)	Nut	1
▲	17	21953	(000000-	)	Seal Kit, Mtr	1
	18	79729	(000000-	)	Repair Info, Motor	1

Fig. 8 - Hydraulic Gear Motor Breakdown, 762059

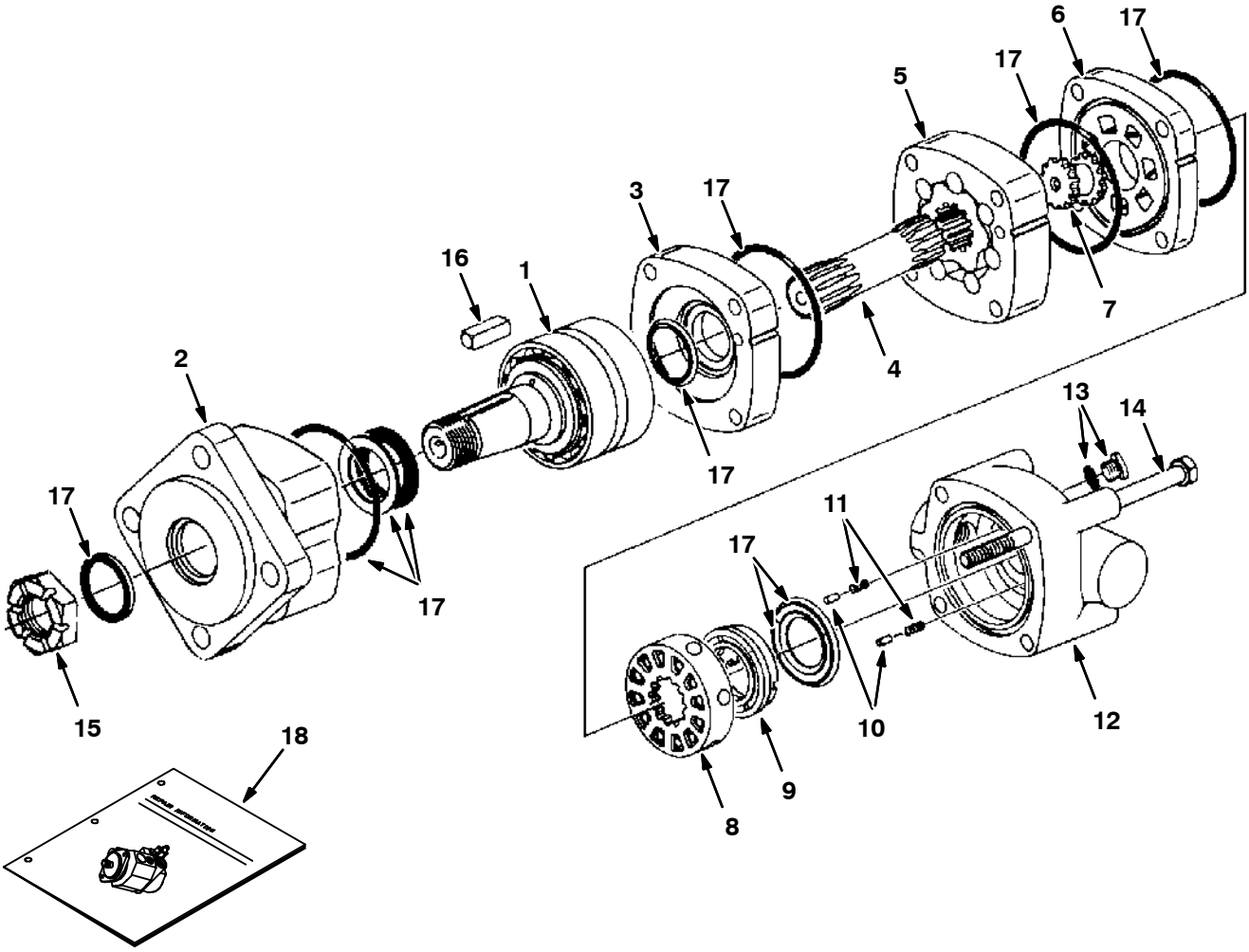


350298-09670

Fig. 8 - Hydraulic Gear Motor Breakdown, 762059

	Ref.	Tennant Part No.	Manufactuer Serial Number		Description	Qty.
▽		762059	(000000-	)	Motor, Hyd Gear	1
▲	1	21951	(000000-	)	Shaft/Brg Kit	1
▲	2	762083	(000000-	)	Housing, Brg	1
▲	3	51417	(000000-	)	Plate	1
▲	4	02603	(000000-	)	Drive	1
▲	5	02645	(000000-	)	Geroler	1
▲	6	02646	(000000-	)	Valve Plate	1
▲	7	57370	(000000-	)	Valve Drive	1
▲	8	02647	(000000-	)	Valve	1
▲	9	57373	(000000-	)	Balance Ring	1
▲	10	57374	(000000-	)	Pin	2
▲	11	57375	(000000-	)	Spring	2
▲	12	763515	(000000-	)	Housing, Valve	1
▲	13	74098	(000000-	)	Plug #4	1
▲	14	74120	(000000-	)	Bolt	4
▲	15	38315	(000000-	)	Key	1
▲	16	38490	(000000-	)	Nut	1
▲	17	21953	(000000-	)	Seal Kit, Mtr	1
	18	79729	(000000-	)	Repair Info, Motor	1

Fig. 9 - Hydraulic Motor Breakdown, 762045

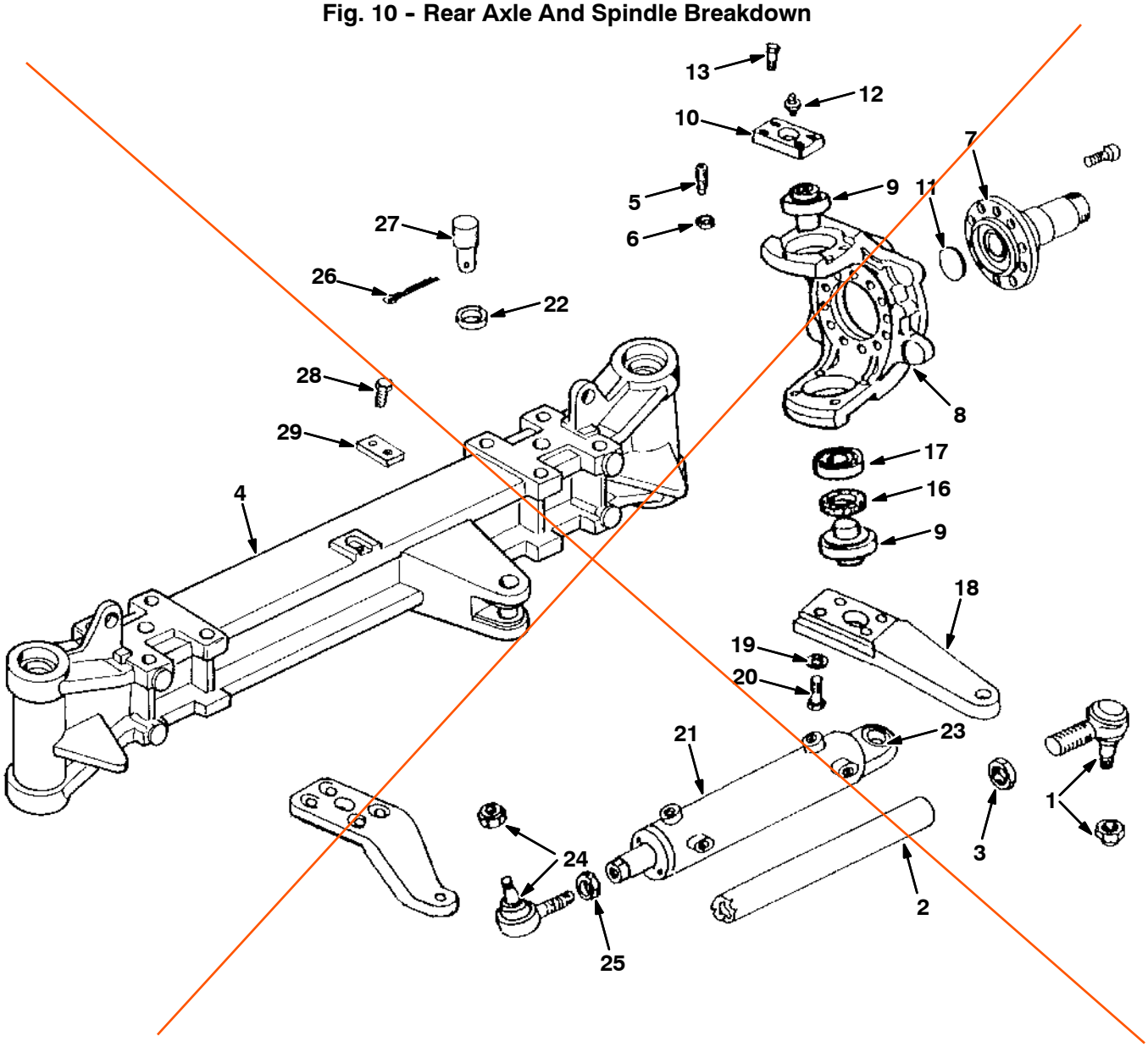


10316-09670

Fig. 9 - Hydraulic Motor Breakdown, 762045

	Ref.	TENNANT Part No.	Manufacturer Serial Number		Description	Qty.
▽		762045	(000000-	)	Motor, Hyd Main Brush W/Ports	1
▲	1	02644	(000000-	)	Shaft Bearing Kit	1
▲	2	763517	(000000-	)	Housing, Bearng	1
▲	3	51417	(000000-	)	Plate	1
▲	4	87784	(000000-	)	Drive	1
▲	5	87785	(000000-	)	Geroler	1
▲	6	02646	(000000-	)	Valve Plate	1
▲	7	57370	(000000-	)	Valve Drive	1
▲	8	02647	(000000-	)	Valve	1
▲	9	57373	(000000-	)	Balance Ring	1
▲	10	57374	(000000-	)	Pin	2
▲	11	57375	(000000-	)	Spring	2
▲	12	763515	(000000-	)	Housing, Valve	1
▲	13	74098	(000000-	)	Plug #4	1
▲	14	763516	(000000-	)	Screw, Cap	4
▲	15	38490	(000000-	)	Nut	1
▲	16	38315	(000000-	)	Key	1
▲	17	02643	(000000-	)	Seal Kit	1
	18	79729	(000000-	)	Repair Info, Mtr	1

Fig. 10 - Rear Axle And Spindle Breakdown



Please refer to the Sentinel manual #331000 for the most current parts information for this Breakdown.

351945

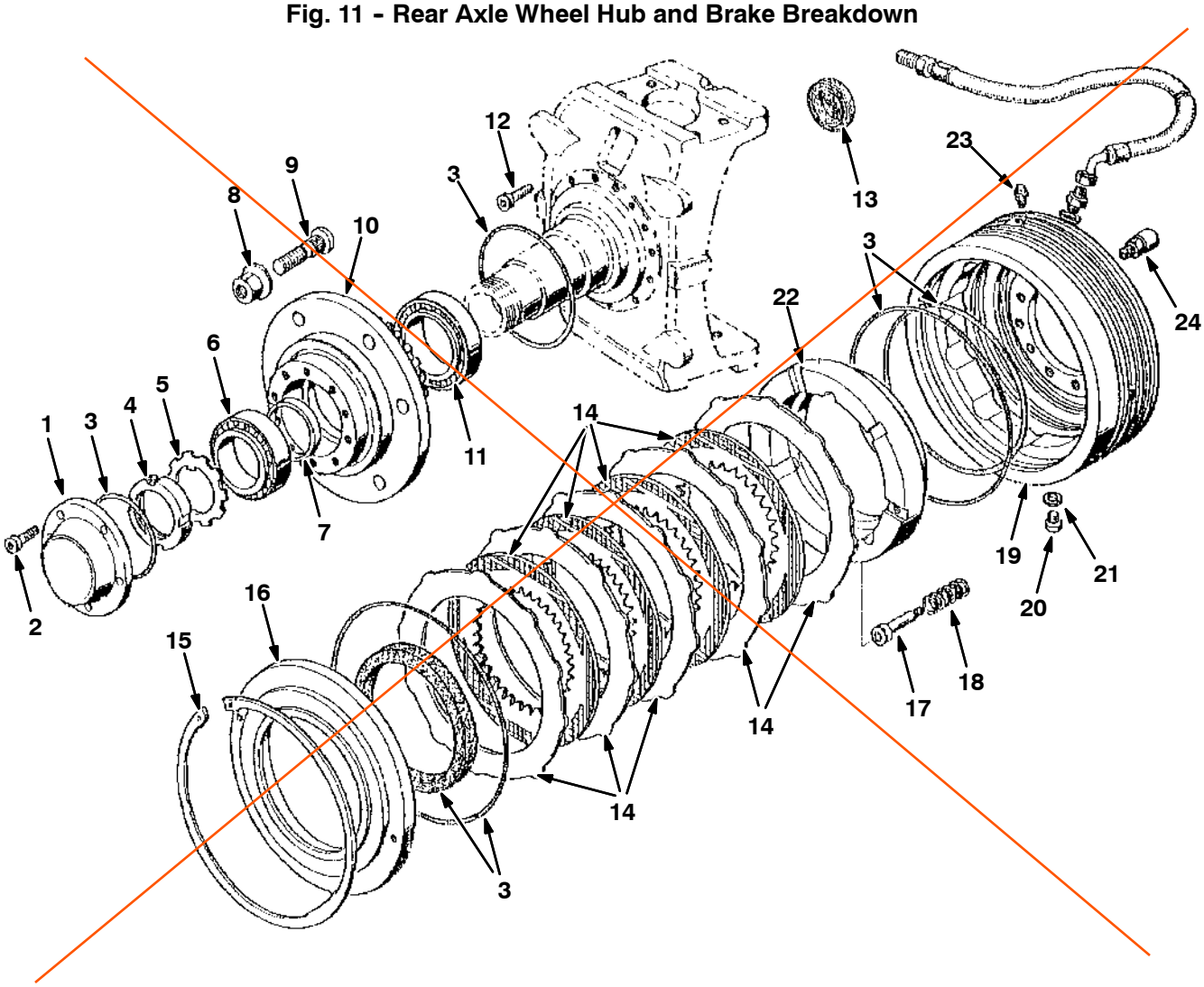
Fig. 10 - Rear Axle And Spindle Breakdown

NOTE: The Rear Axle Breakdown, Tennant part number 767702, includes Fig. 10 and Fig. 11.

Ref.	TENNANT Part No.	Manufacturer Serial Number	Description	Qty.
1	761601	(000000-)	Rod End Pivot Lh	1
1	761602	(000000-)	Rod End Pivot Rh	1
2	761603	(000000-)	Steering Rod Rear	1
3	761727	(000000-)	Nut, Rh	1
3	761728	(000000-)	Nut, Lh	1
4	767703	(000000-)	Rear Axle Housing	1
5	761607	(000000-)	Screw, M8x50	2
6	08709	(000000-)	Nut, Self Lock M8	2
7	761730	(000000-)	Carrying Flange	2
8	761628	(000000-)	Steering Housing	2
9	761629	(000000-)	Pivoting Hub	4
10	761630	(000000-)	Flange	1
11	761731	(000000-)	Dust Cover	2
12	761631	(000000-)	Grease Zerk	4
13	41346	(000000-)	Screw, M12x30	4
14	761733	(000000-)	Steering Lever, Rh, Upper	1
15	761632	(000000-)	Screw, M10x30	24
16	761609	(000000-)	Gasket	4
17	761610	(000000-)	Bearing	4
18	761635	(000000-)	Steering Lever, Lower	1
18	761732	(000000-)	Steering Lever, Lower, Lh	1
19	761611	(000000-)	Washer	16
20	06969	(000000-)	Screw, M12x40	12
▽ 21	762080	(000000-)	Cylinder, Hydraulic	1
▲	761714	(000000-)	Seal Kit, Cylinder	1
22	761720	(000000-)	Spacer	1
23	761715	(000000-)	Pivoting Hub	1
24	761716	(000000-)	Rod End	1
25	761717	(000000-)	Nut, M18x1.5	1
26	761718	(000000-)	Cotter Pin	1
27	769093	(000000-)	Cylinder Anchor Pin	1
28	06960	(000000-)	Screw M10x16	1
29	767704	(000000-)	Plate	1

Please refer to the Sentinel manual #331000 for the most current parts information for this Breakdown.

Fig. 11 - Rear Axle Wheel Hub and Brake Breakdown



Please refer to the Sentinel manual #331000 for the most current parts information for this Breakdown.

351947

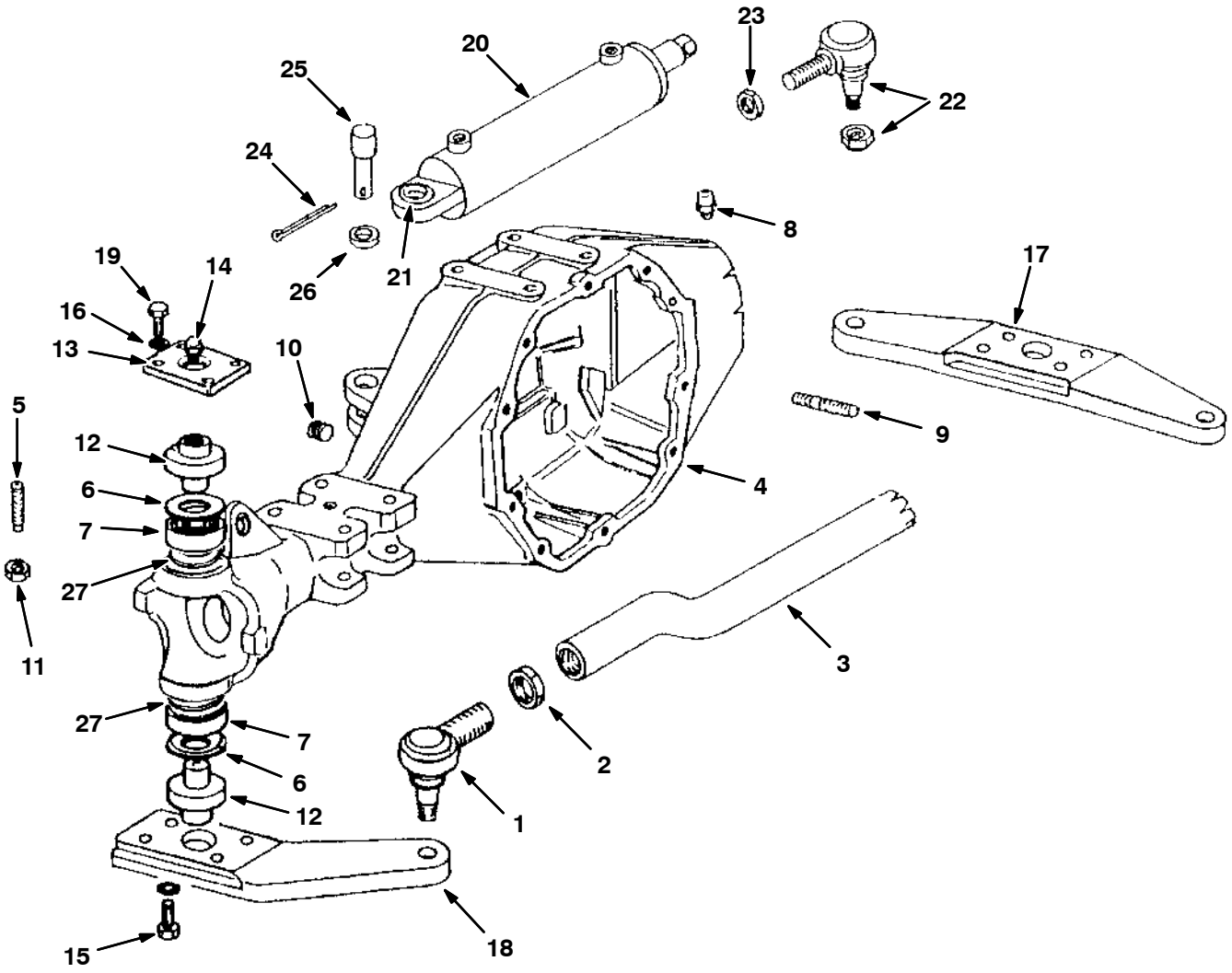
Fig. 11 - Rear Axle Wheel Hub and Brake Breakdown

NOTE: The Rear Axle Breakdown, Tennant part number 767702, includes Fig. 10and Fig. 11.

	Ref.	TENNANT Part No.	Manufacturer Serial Number		Description	Qty.
▽		767768	(000000–	)	Axle Assembly, Rear W/Brake	1
▲	1	767734	(000000–	)	Cover, Hub	1
▲	2	761648	(000000–	)	Screw	5
▲	3	767762	(000000–	)	Kit, Seal, Brake	1
▲	4	767738	(000000–	)	Nut	1
▲	5	767739	(000000–	)	Washer	1
▲	6	761644	(000000–	)	Bearing	1
▲	7	767764	(000000–	)	Spacer	1
▲	8	761025	(000000–	)	Nut, Lug, Flanged	6
▲	9	761641	(000000–	)	Stud	6
▲	10	767740	(000000–	)	Hub, Wheel	1
▲	11	767741	(000000–	)	Bearing	1
▲	12	761632	(000000–	)	Screw	12
▲	13	767735	(000000–	)	Gasket	1
▲	14	767763	(000000–	)	Kit, Discs, Brake	1
▲	15	767745	(000000–	)	Circlip	1
▲	16	767746	(000000–	)	Cover	1
▲	17	767747	(000000–	)	Screw	3
▲	18	767748	(000000–	)	Spring	3
▲	19	767749	(000000–	)	Hub, Brake	1
▲	20	767750	(000000–	)	Plug	3
▲	21	761993	(000000–	)	Washer	3
▲	22	767752	(000000–	)	Piston	1
▲	23	767753	(000000–	)	Screw, Bleed	1
▲	24	761613	(000000–	)	Breather	1

Please refer to the Sentinel manual #331000 for the most current parts information for this Breakdown.

Fig. 12 - Front Axle And Spindle Breakdown



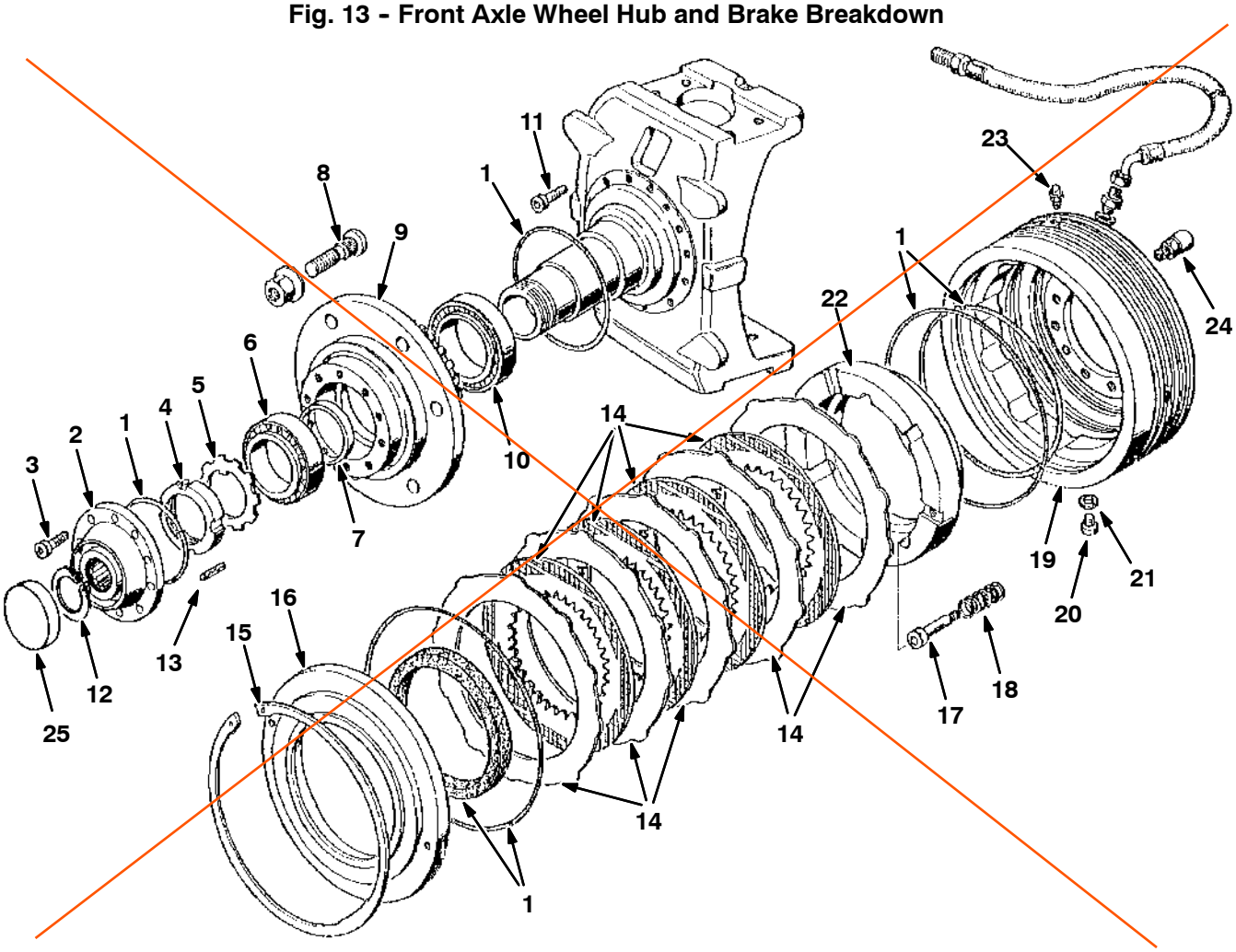
351949

Fig. 12 - Front Axle And Spindle Breakdown

NOTE: The Front Axle Breakdown, Tennant part number 767701, includes Fig. 12, Fig. 13, Fig. 14, Fig. 15 and Fig. 16.

	Ref.	TENNANT Part No.	Manufacturer Serial Number		Description	Qty.
	1	761601	(000000–	)	Rod End Pivot Lh	1
	1	761602	(000000–	)	Rod End Pivot Rh	1
	2	761727	(000000–	)	Nut, Rh	1
	2	761728	(000000–	)	Nut, Lh	1
	3	761600	(000000–	)	Steering Rod Front	1
	4	761606	(000000–	)	Front Axle Housing	1
	5	761607	(000000–	)	Screw, M8x50	2
	6	761609	(000000–	)	Gasket	4
	7	761610	(000000–	)	Bearing	4
	8	761613	(000000–	)	Breather	1
	9	761615	(000000–	)	Screw, M12x30	1
	10	761616	(000000–	)	Magnetic Plug	2
	11	08709	(000000–	)	Nut, Self Lock M8	2
	12	761629	(000000–	)	Pivoting Hub	4
	13	761630	(000000–	)	Flange	2
	14	761631	(000000–	)	Grease Zerk	4
	15	06969	(000000–	)	Screw, M12x40	8
	16	761611	(000000–	)	Washer	16
	17	761634	(000000–	)	Steering Lever, Rh, Lower	1
	18	761732	(000000–	)	Steering Lever, Lower	1
	19	41346	(000000–	)	Screw, M12x30	8
▽	20	762080	(000000–	)	Cylinder, Hydraulic	1
▲		761714	(000000–	)	Seal Kit, Cylinder	1
	21	761715	(000000–	)	Pivoting Hub	1
	22	761716	(000000–	)	Rod End	1
	23	761717	(000000–	)	Nut, M18x1.5	1
	24	08280	(000000–	)	Cotter Pin	1
	25	769093	(000000–	)	Cylinder Anchor Pin	1
	26	761720	(000000–	)	Spacer	1
	27	767735	(000000–	)	Gasket, Axle	4

Fig. 13 - Front Axle Wheel Hub and Brake Breakdown



Please refer to the Sentinel manual #331000 for the most current parts information for this Breakdown.

352000

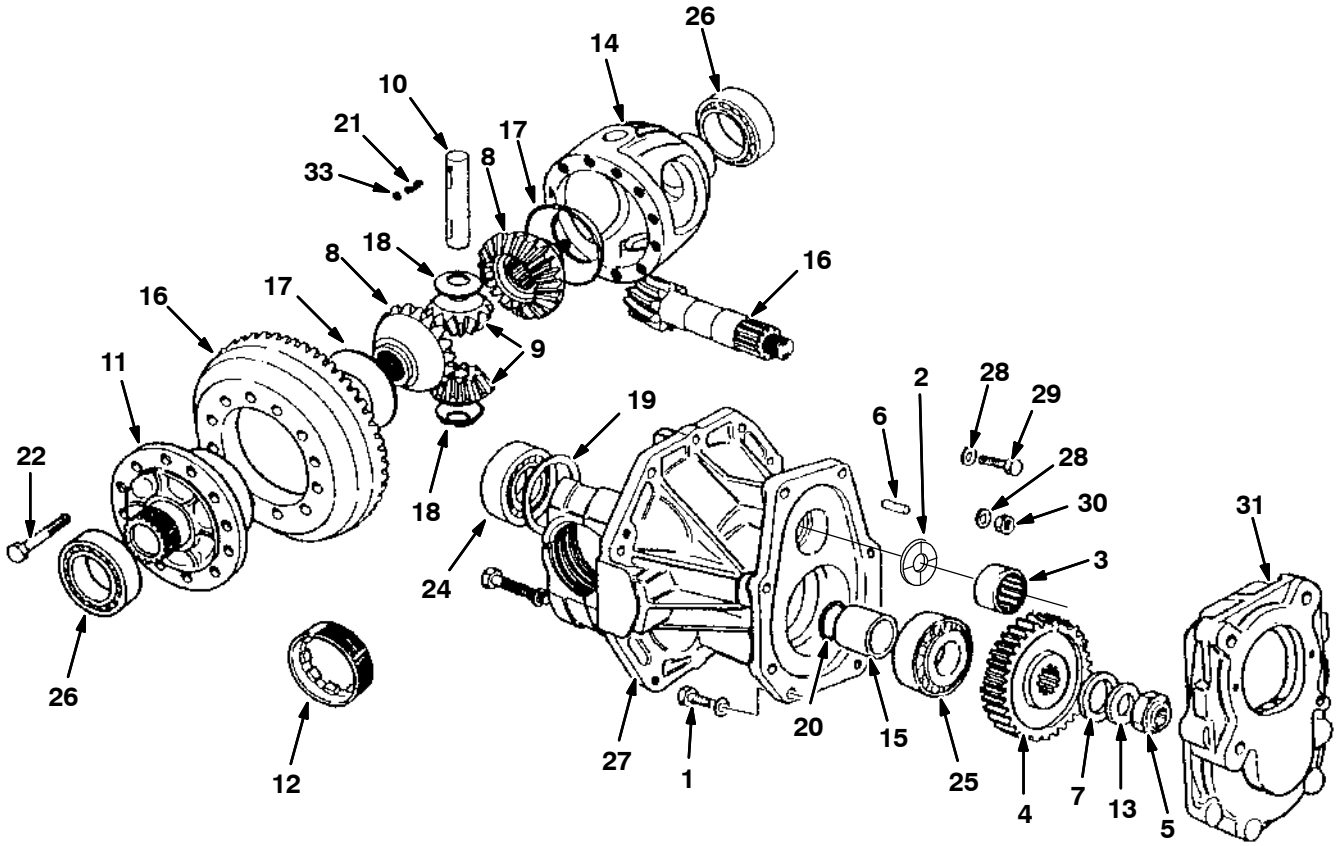
Fig. 13 - Front Axle Wheel Hub and Brake Breakdown

NOTE: The Front Axle Breakdown, Tennant part number 767701, includes Fig. 12, Fig. 13, Fig. 14, Fig. 15 and Fig. 16.

Please refer to the Sentinel manual #331000 for the most current parts information for this Breakdown.

	Ref.	TENNANT Part No.	Manufacturer Serial Number		Description	Qty.
▽		767767	(000000–	)	Hub Assy, Front W/Brake	1
▲	1	767762	(000000–	)	Kit, Seal, Brake	1
▲	2	767737	(000000–	)	Flange, Driven	1
▲	3	761648	(000000–	)	Screw	10
▲	4	767738	(000000–	)	Nut	1
▲	5	767739	(000000–	)	Washer	1
▲	6	761644	(000000–	)	Bearing	1
▲	7	767764	(000000–	)	Spacer	1
▲	8	761641	(000000–	)	Stud	6
▲	9	767740	(000000–	)	Hub, Wheel	1
▲	10	767741	(000000–	)	Bearing	1
▲	11	761632	(000000–	)	Screw	12
▲	12	767743	(000000–	)	Circlip	1
▲	13	767744	(000000–	)	Pin	2
▲	14	767763	(000000–	)	Kit, Discs, Brake	1
▲	15	767745	(000000–	)	Circlip	1
▲	16	767746	(000000–	)	Cover	1
▲	17	767747	(000000–	)	Screw	3
▲	18	767748	(000000–	)	Spring	3
▲	19	767749	(000000–	)	Hub, Brake	1
▲	20	767750	(000000–	)	Plug	3
▲	21	761993	(000000–	)	Washer	3
▲	22	767752	(000000–	)	Piston	1
▲	23	767753	(000000–	)	Screw, Bleed	1
▲	24	761613	(000000–	)	Breather	1
▲	25	761643	(000000–	)	Cover	1

Fig. 14 - Front Axle Differential Breakdown



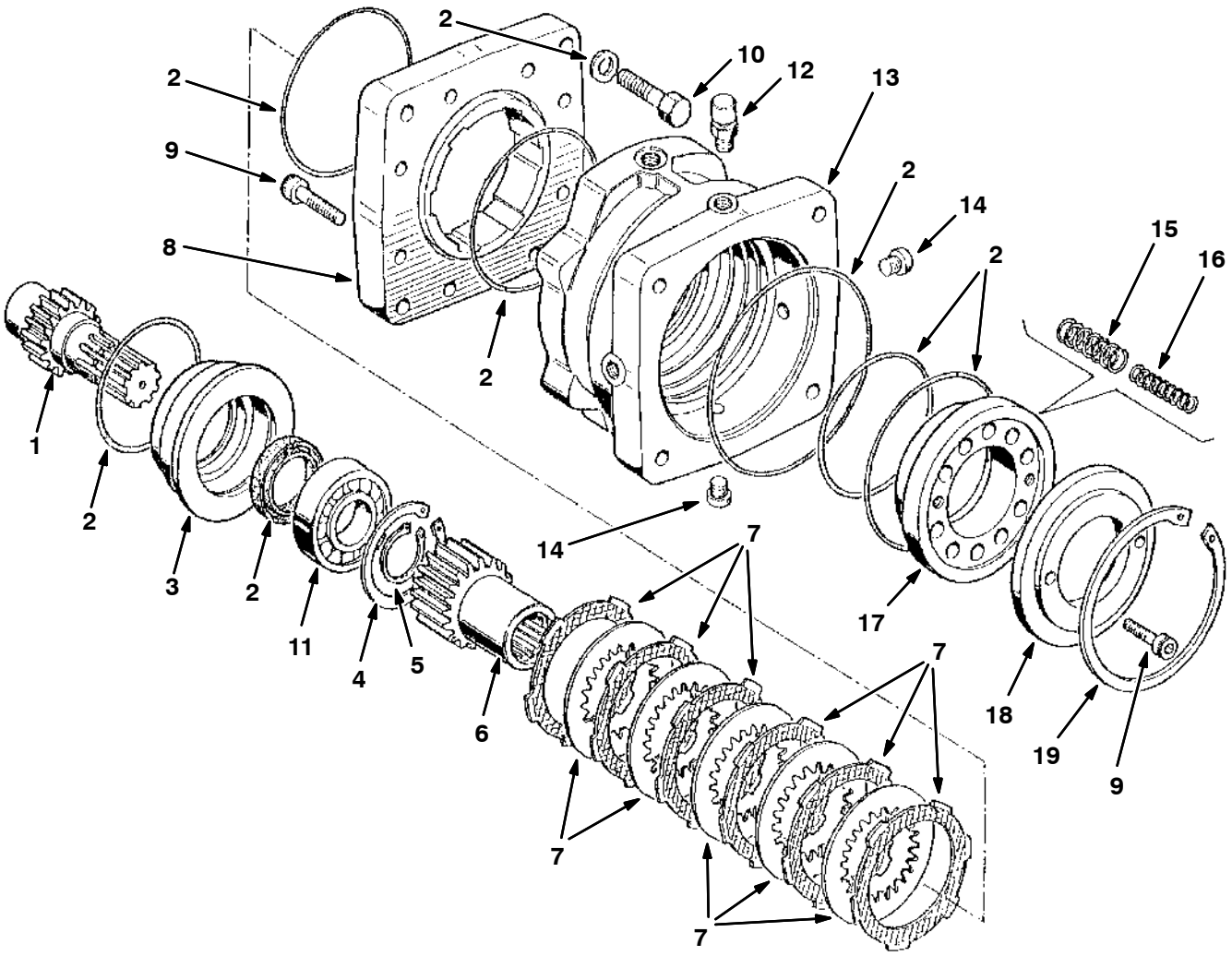
351951

Fig. 14 - Front Axle Differential Breakdown

NOTE: The Front Axle Breakdown, Tennant part number 767701, includes Fig. 12, Fig. 13, Fig. 14, Fig. 15 and Fig. 16.

	Ref.	TENNANT Part No.	Manufacturer Serial Number		Description	Qty.
	1	39284	(000000–	)	Screw, M10x1.5	8
▽		761988	(000000–	)	Kit, Speed Reducer Gear Set	1
▲	2	761604	(000000–	)	Thrust Bushing	1
▲	3	761670	(000000–	)	Bearing	1
▲	4	761672	(000000–	)	Output Gear	1
▲	5	761655	(000000–	)	Nut	1
	6	761682	(000000–	)	Pin, M8x20	2
	7	761674	(000000–	)	Spacer	1
▽		761987	(000000–	)	Kit, Differential Gear Set	1
▲	8	761650	(000000–	)	Planetary Gear	2
▲	9	761651	(000000–	)	Satellite Gear	2
▲	10	761652	(000000–	)	Differential Pivot	1
▲	11	761653	(000000–	)	Differential Flange	1
▲	12	761654	(000000–	)	Retaining Ring	2
▲	13	761669	(000000–	)	Lock Nut, D.25	1
▲	14	761649	(000000–	)	Differential Housing	1
▲	15	761656	(000000–	)	Spacer	1
▲	16	761657	(000000–	)	Ring Gear, Matched Pinion	1
▲	17	761658	(000000–	)	Planetary Spherical Washer	2
▲	18	761659	(000000–	)	Satellite Spherical Washer	2
▲	19	761661	(000000–	)	Spacer	2
▲	20	761662	(000000–	)	Spacer	1
▲	21	761663	(000000–	)	Screw, M12x20	1
▲	22	761664	(000000–	)	Screw, M14x1.5x40	12
▲	23	761665	(000000–	)	Washer, A6	1
▲	24	761666	(000000–	)	Bearing	1
▲	25	761667	(000000–	)	Bearing	1
▲	26	761668	(000000–	)	Bearing, 32012	2
	27	761608	(000000–	)	Differential Cover	1
	28	761611	(000000–	)	Washer	10
	29	41346	(000000–	)	Screw, M12x30	9
	30	761614	(000000–	)	Nut	1
	31	761678	(000000–	)	Front Housing	1

Fig. 15 - Parking Brake Breakdown



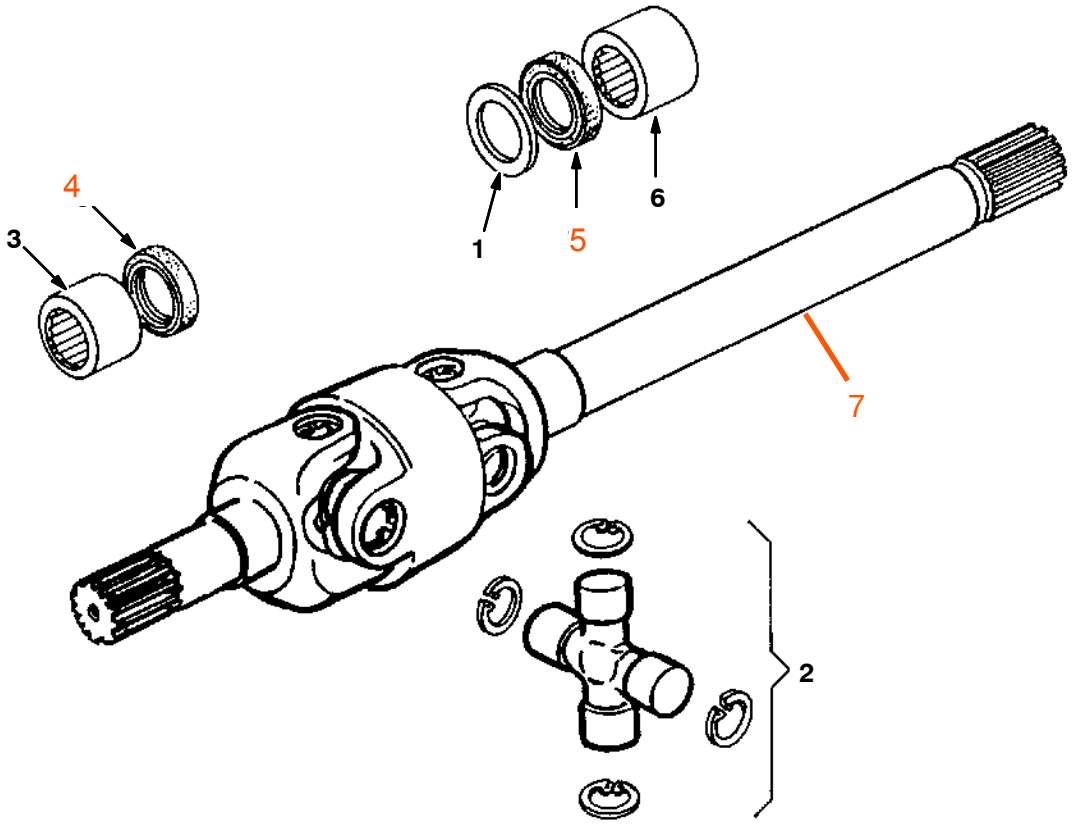
351953

Fig. 15 - Parking Brake Breakdown

NOTE: The Front Axle Breakdown, Tennant part number 767701, includes Fig. 12, Fig. 13, Fig. 14, Fig. 15 and Fig. 16.

	Ref.	TENNANT Part No.	Manufacturer Serial Number		Description	Qty.
▽		767769	(000000–	)	Brake Assembly, Parking	1
▲	1	767705	(000000–	)	Gear, Input	1
▲	2	767732	(000000–	)	Kit, Seal, Axle	1
▲	3	767707	(000000–	)	Bearing, Hub	1
▲	4	767709	(000000–	)	Circlip	1
▲	5	767710	(000000–	)	Circlip	1
▲	6	767711	(000000–	)	Sleave, Motor	1
▲	7	767733	(000000–	)	Kit, Brake, Disc	1
▲	8	767715	(000000–	)	Hub. Disks	1
▲	9	39309	(000000–	)	Screw, Soc, M10–1.5 X 25, Al	10
▲	10	06969	(000000–	)	Screw, Hex, M12–1.75 X 40, 8.8	4
▲	11	767731	(000000–	)	Bearing	1
▲	12	767718	(000000–	)	Breather	1
▲	13	767719	(000000–	)	Housing, Motor	1
▲	14	767721	(000000–	)	Plug	3
▲	15	767726	(000000–	)	Spring, Outer	10
▲	16	767727	(000000–	)	Spring, Inner	10
▲	17	767728	(000000–	)	Piston	1
▲	18	767729	(000000–	)	Cover, Springs	1
▲	19	767730	(000000–	)	Circlip	1

Fig. 16 - Front Axle CV Joint Breakdown



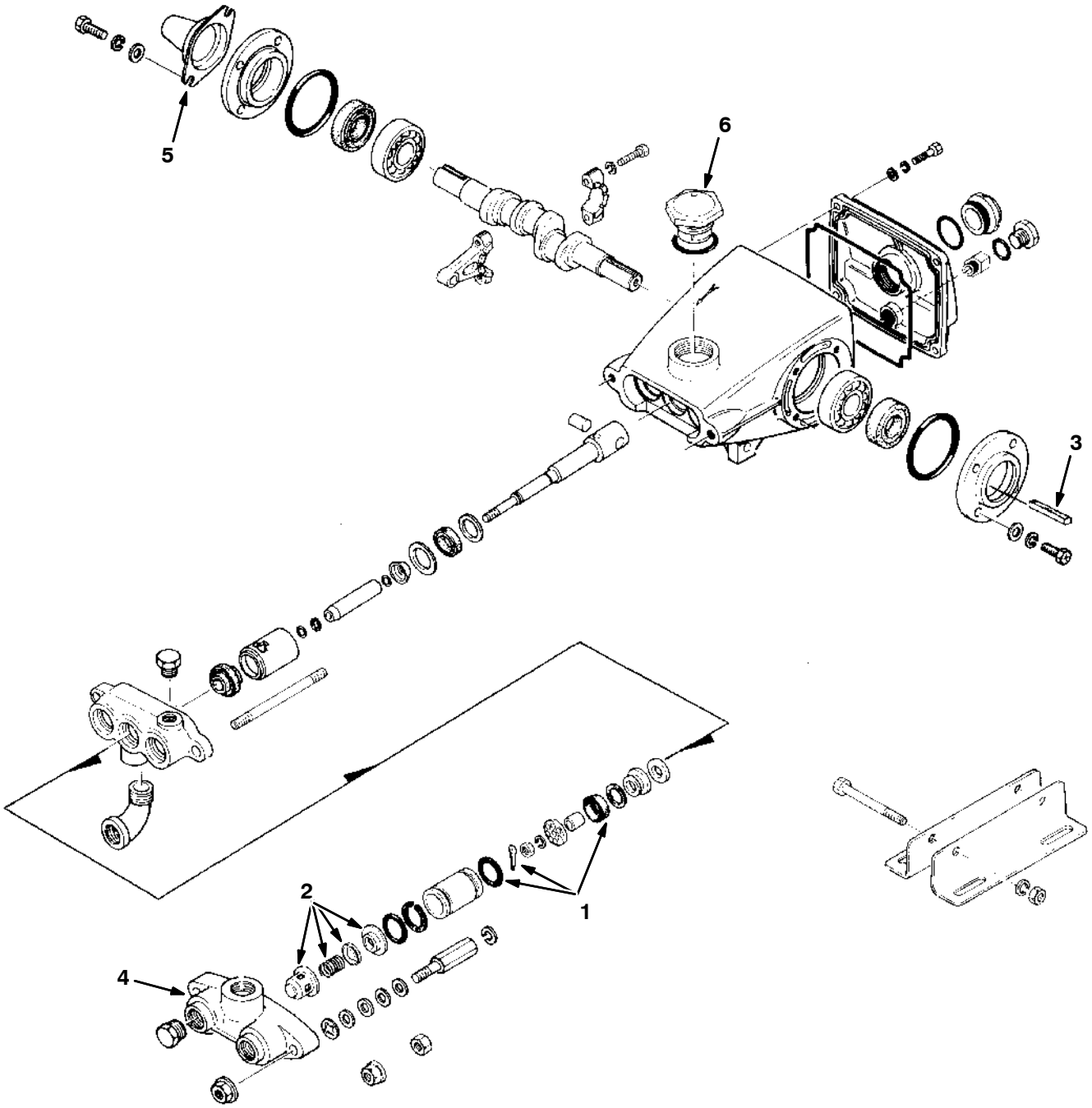
10973

Fig. 16 - Front Axle CV Joint Breakdown

NOTE: The Front Axle Breakdown, Tennant part number 767701, includes Fig. 12, Fig. 13, Fig. 14, Fig. 15 and Fig. 16.

	Ref.	TENNANT Part No.	Manufacturer Serial Number		Description	Qty.
▽		761986	(000000-	)	Kit, Cv Joints	2
▲	1	761618	(000000-	)	Dust Protector	1
▲	2	761660	(000000-	)	Cross Bearing Kit	2
▲	3	761623	(000000-	)	Bearing	1
9001524 ▲	4	~~761624~~	(000000-	)	Ring	1
▲	5	761625	(000000-	)	Ring	1
▲	6	761626	(000000-	)	Bearing	1
	7	1021410			Joint	1

Fig. 17 - Cat Pump Breakdown

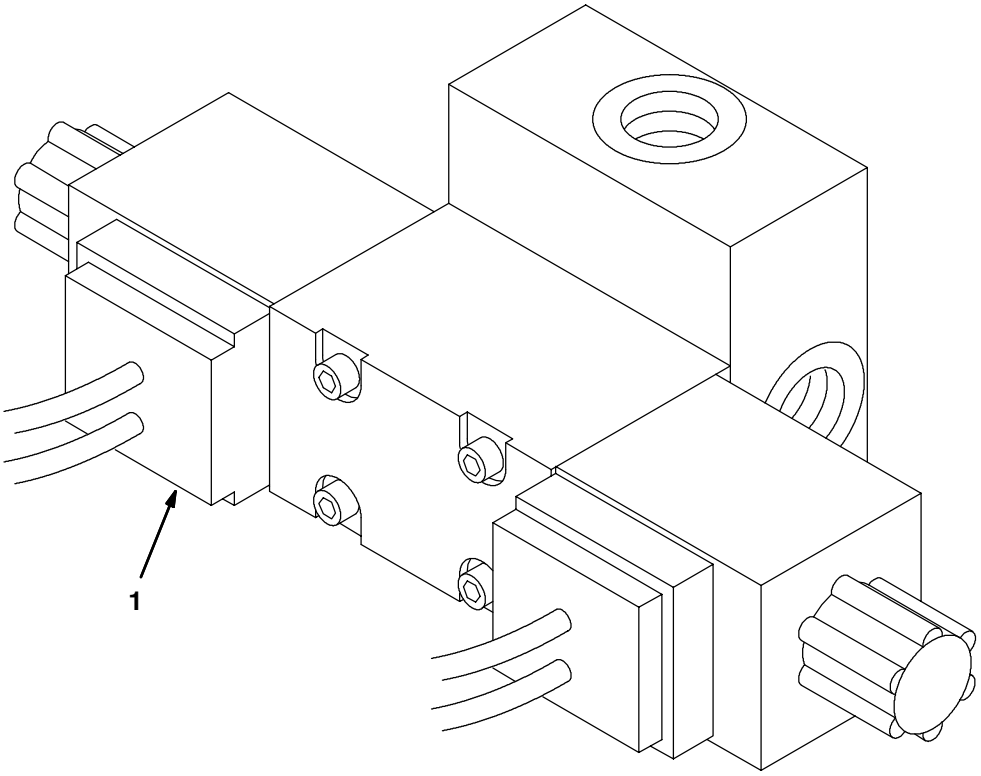


351217

Fig. 17 - Cat Pump Breakdown

	Ref.	TENNANT Part No.	Manufacturer Serial Number		Description	Qty.
▽		762260	(000000–	)	Pump Breakdown, Cat	1
▲		40144-4	(000000–	)	Oil, Crankcase (For 1 oil change)	1
▲	1	40144-21	(000000–	)	Cup Kit	1
▲	2	40144-22	(000000–	)	Dischrg Quiet Vlv Kit	1
▲	3	40144-6	(000000–	)	Key, 5mm	1
▲	4	37778	(000000–	)	Disc. Manifold	1
▲	5	38321	(000000–	)	Cover, Pump	1
▲	6	37573	(000000–	)	Cap, Oil Filler	1

Fig. 18 - Hydraulic Solenoid Valve Breakdown, 767218

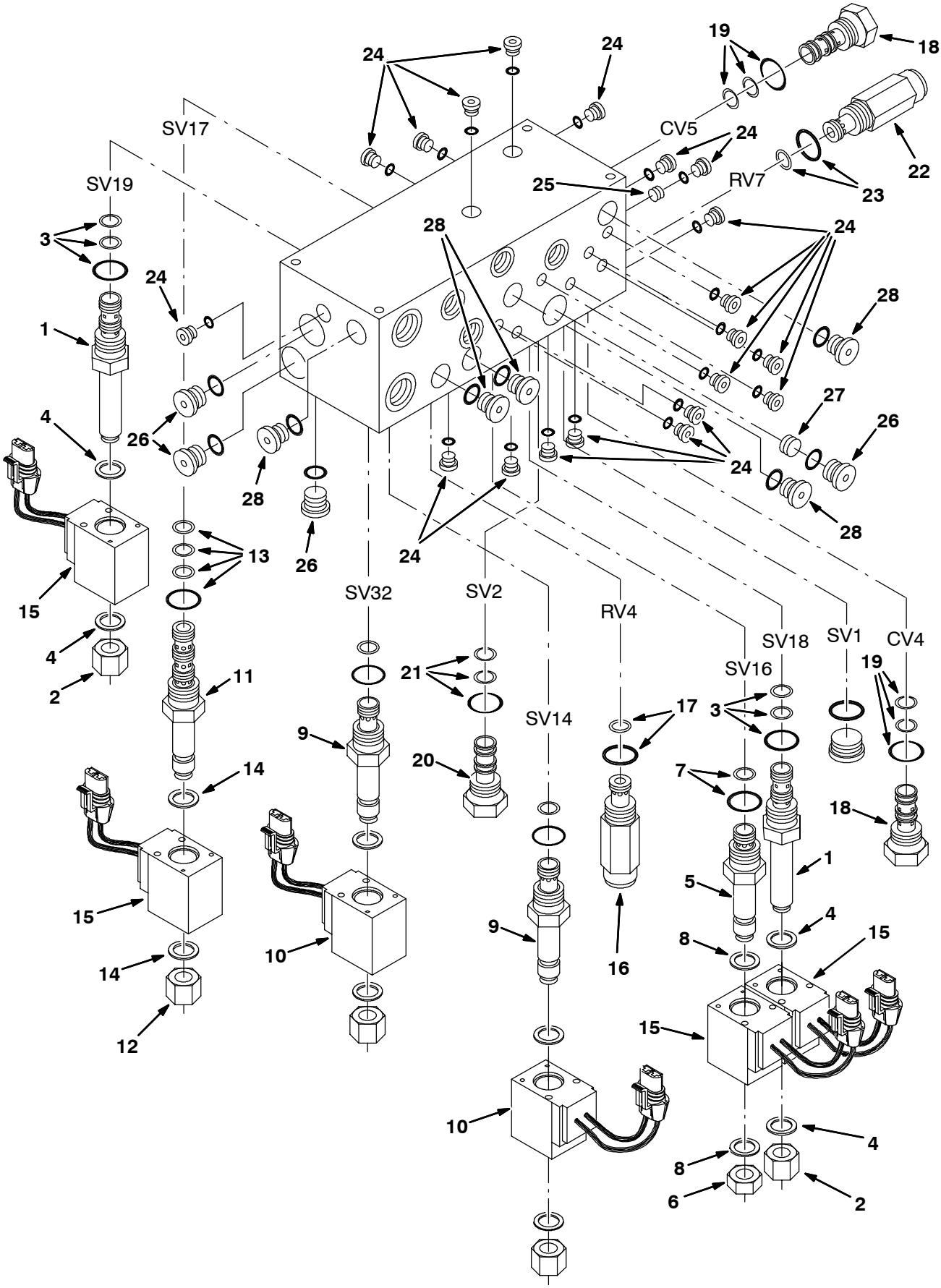


352450

Fig. 18 - Hydraulic Solenoid Valve Breakdown, 767218

	Ref.	TENNANT Part No.	Manufacturer Serial Number		Description	Qty.
▽		767218	(000000-	)	Valve, Hyd Cntrl Sol - Vario	1
▲	1	22682	(000000-	)	Valve, 3P4W Do3 Cp	1

Fig. 19 - Hydraulic Solenoid Valve Breakdown, 767007

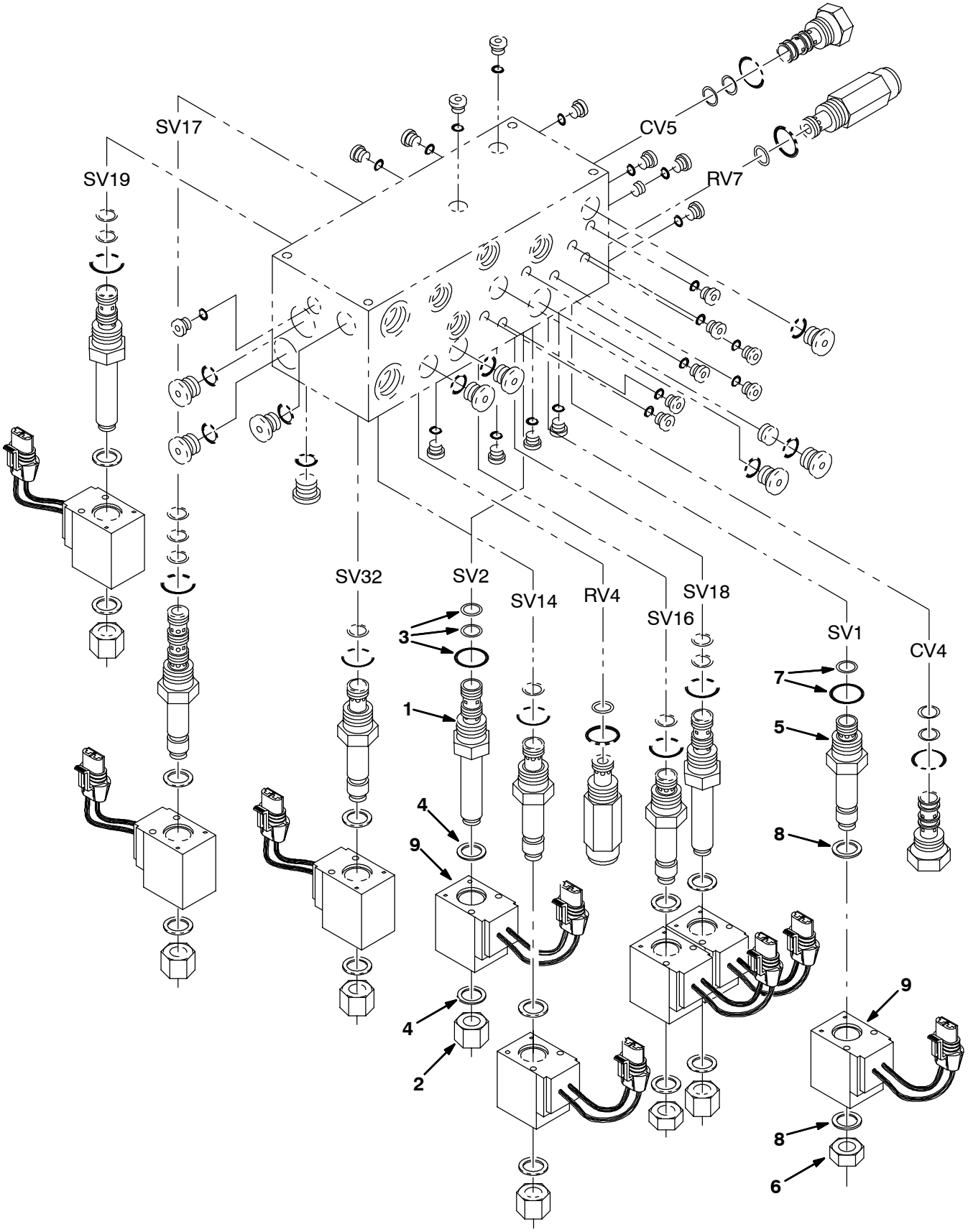


352454

Fig. 19 - Hydraulic Solenoid Valve Breakdown, 767007

	Ref.	TENNANT Part No.	Manufacturer Serial Number		Description	Qty.
▽		767007	(000000–	)	Valve, Hyd Control Sol	1
▲▽	1	21906	(000000–	)	Valve Stem 3W2P	2
▲▲	2	79731	(000000–	)	Nut	1
▲▲	3	79711	(000000–	)	Seal Kit, Cart	1
▲▲	4	79740	(000000–	)	Seal Kit, Coil	2
▲▽	5	79716	(000000–	)	Valve Stem	1
▲▲	6	79728	(000000–	)	Nut	1
▲▲	7	79711	(000000–	)	Seal Kit, Cart	1
▲▲	8	79740	(000000–	)	Seal Kit, Coil	2
▲▽	9	22680	(000000–	)	Valve Stem N.O. Cp	2
▲	10	22685	(000000–	)	Coil, 12V Cp	2
▲▽	11	79719	(000000–	)	Valve Stem 4W2P	1
▲▲	12	79731	(000000–	)	Nut	1
▲▲	13	79711	(000000–	)	Seal Kit, Cart	1
▲▲	14	79740	(000000–	)	Seal Kit, Coil	2
▲	15	21916	(000000–	)	Coil, 12V Cp	4
▲▽	16	22689	(000000–	)	Cart,Psi Cn Cp	1
▲▲	17	79711	(000000–	)	Seal Kit, Cart	1
▲▽	18	21919	(000000–	)	Cart, Pilot Chk	2
▲▲	19	79711	(000000–	)	Seal Kit, Cart	1
▲▽	20	22687	(000000–	)	Plug, Cavity Cp	1
▲▲	21	79711	(000000–	)	Seal Kit, Cart	1
▲▽	22	22688	(000000–	)	Cart,Psi Cn Cp	1
▲▲	23	79711	(000000–	)	Seal Kit, Cart	1
▲	24	13902	(000000–	)	Plug	1
▲	25	79723	(000000–	)	Plug	1
▲	26	13904	(000000–	)	Plug, Gauge	4
▲	27	22690	(000000–	)	Plug, Orifice Cp	1
▲	28	74098	(000000–	)	Plug	5

Fig. 20 - Hydraulic Solenoid Valve Breakdown, 767007
(For High Dump Hopper Lift Option)

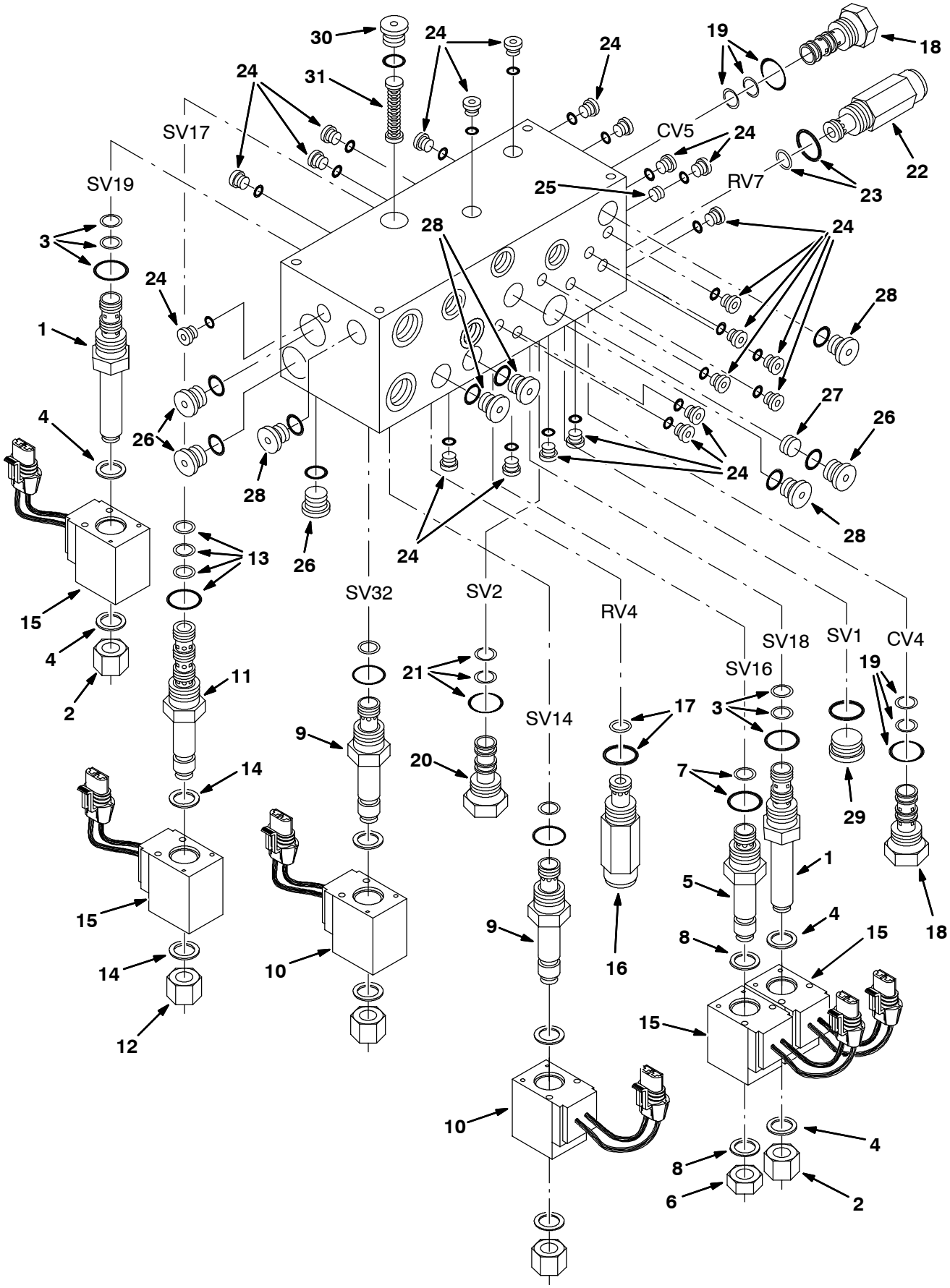


353144

Fig. 20 - Hydraulic Solenoid Valve Breakdown, 767007
(For High Dump Hopper Lift Option)

	Ref.	TENNANT Part No.	Manufacturer Serial Number		Description	Qty.
▽		767007	(000000–	)	Valve, Hyd Control Sol	1
▲▽	1	21906	(000000–	)	Valve Stem 3W2P	2
▲▲	2	79731	(000000–	)	Nut	1
▲▲	3	79711	(000000–	)	Seal Kit, Cart	1
▲▲	4	79740	(000000–	)	Seal Kit, Coil	2
▲▽	5	79716	(000000–	)	Valve Stem	1
▲▲	6	79728	(000000–	)	Nut	1
▲▲	7	79711	(000000–	)	Seal Kit, Cart	1
▲▲	8	79740	(000000–	)	Seal Kit, Coil	2
▲	9	21916	(000000–	)	Coil, 12V Cp	4

Fig. 21 - Hydraulic Solenoid Valve Breakdown, 768899

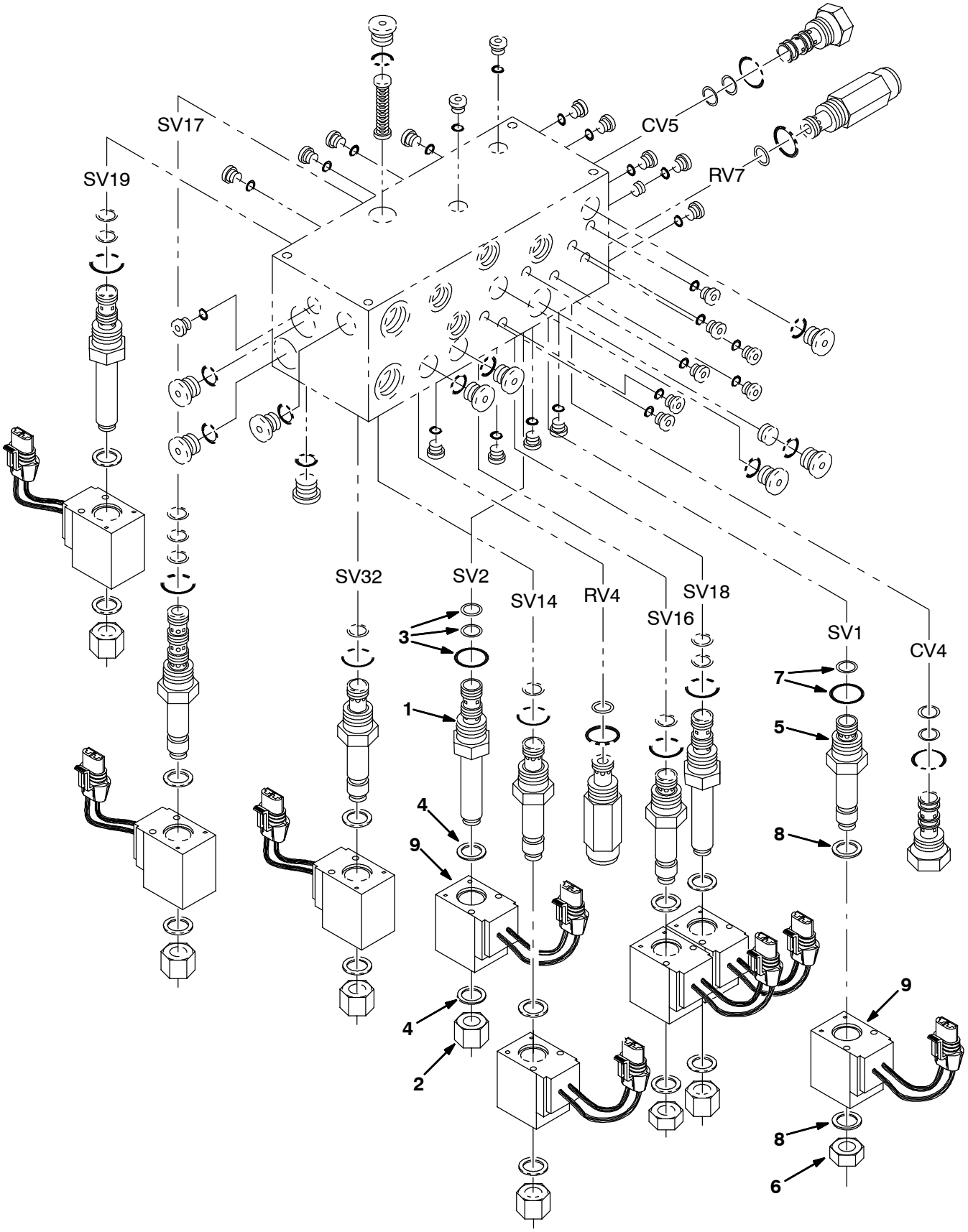


353675

Fig. 21 - Hydraulic Solenoid Valve Breakdown, 768899

	Ref.	TENNANT Part No.	Manufacturer Serial Number		Description	Qty.
▽		768899	(000000–	)	Valve, Hyd Control Sol	1
▲▽	1	79718	(000000–	)	Valve Stem 3W2P	2
▲▲	2	79731	(000000–	)	Nut	1
▲▲	3	79711	(000000–	)	Seal Kit, Cart	1
▲▲	4	79740	(000000–	)	Seal Kit, Coil	2
▲▽	5	79716	(000000–	)	Valve Stem	1
▲▲	6	79728	(000000–	)	Nut	1
▲▲	7	79711	(000000–	)	Seal Kit, Cart	1
▲▲	8	79740	(000000–	)	Seal Kit, Coil	2
▲▽	9	22680	(000000–	)	Valve Stem N.O. Cp	2
▲	10	22685	(000000–	)	Coil, 12V Cp	2
▲▽	11	79719	(000000–	)	Valve Stem 4W2P	1
▲▲	12	79731	(000000–	)	Nut	1
▲▲	13	79711	(000000–	)	Seal Kit, Cart	1
▲▲	14	79740	(000000–	)	Seal Kit, Coil	2
▲	15	21916	(000000–	)	Coil, 12V Cp	4
▲▽	16	22689	(000000–	)	Cart,Psi Cn Cp	1
▲▲	17	79711	(000000–	)	Seal Kit, Cart	1
▲▽	18	373417	(000000–	)	Cart, Pilot Chk	2
▲▲	19	79711	(000000–	)	Seal Kit, Cart	1
▲▽	20	22687	(000000–	)	Plug, Cavity Cp	1
▲▲	21	79711	(000000–	)	Seal Kit, Cart	1
▲▽	22	22688	(000000–	)	Cart,Psi Cn Cp	1
▲▲	23	79711	(000000–	)	Seal Kit, Cart	1
▲	24	13902	(000000–	)	Plug	26
▲	25	79723	(000000–	)	Plug	2
▲	26	13904	(000000–	)	Plug, Gauge	5
▲	27	22690	(000000–	)	Plug, Orifice Cp	1
▲	28	74098	(000000–	)	Plug	6
▲	29	74099	(000000–	)	Plug	1
▲	30	13907	(000000–	)	Plug	1
▲	31	373418	(000000–	)	Filter, 10 Micron	1

Fig. 22 - Hydraulic Solenoid Valve Breakdown, 768899
(For High Dump Hopper Lift Option)

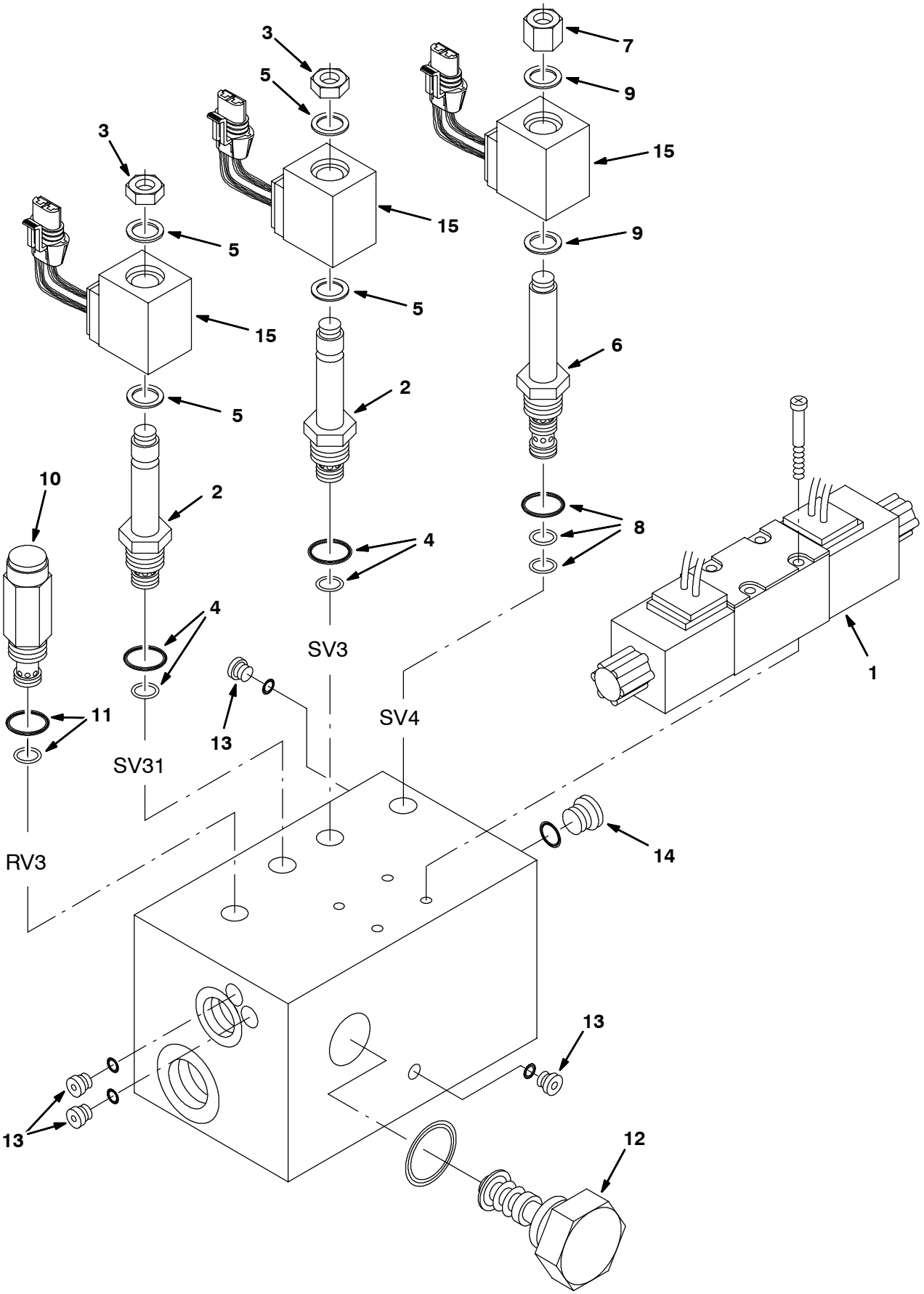


353676

Fig. 22 - Hydraulic Solenoid Valve Breakdown, 768899
(For High Dump Hopper Lift Option)

	Ref.	TENNANT Part No.	Manufacturer Serial Number		Description	Qty.
▽		768899	(000000–	)	Valve, Hyd Control Sol	1
▲▽	1	79718	(000000–	)	Valve Stem 3W2P	1
▲▲	2	79731	(000000–	)	Nut	1
▲▲	3	79711	(000000–	)	Seal Kit, Cart	1
▲▲	4	79740	(000000–	)	Seal Kit, Coil	2
▲▽	5	79716	(000000–	)	Valve Stem	1
▲▲	6	79728	(000000–	)	Nut	1
▲▲	7	79711	(000000–	)	Seal Kit, Cart	1
▲▲	8	79740	(000000–	)	Seal Kit, Coil	2
▲	9	21916	(000000–	)	Coil, 12V Cp	2

Fig. 23 - Hydraulic Solenoid Valve Breakdown, 767008

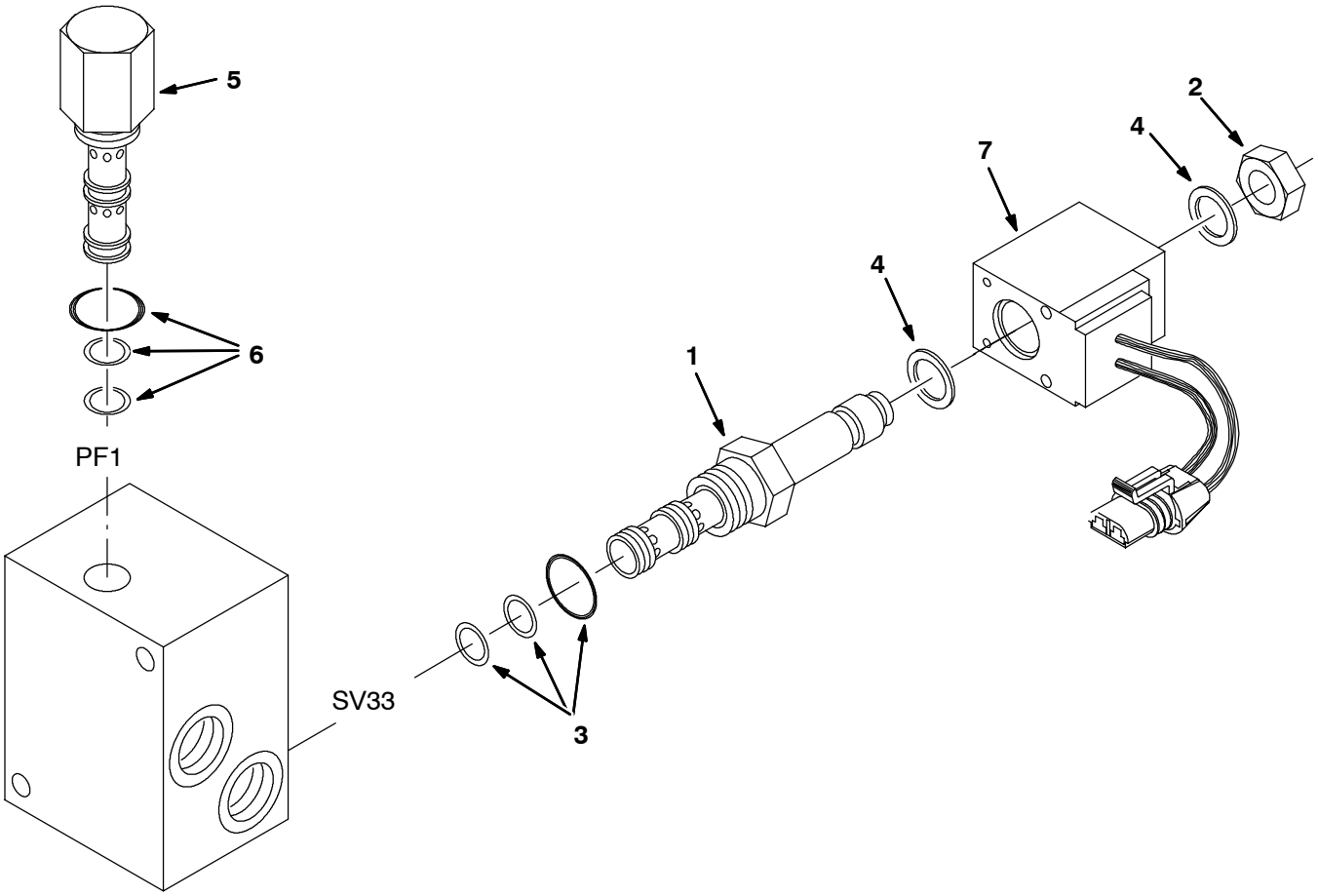


352456

Fig. 23 - Hydraulic Solenoid Valve Breakdown, 767008

	Ref.	TENNANT Part No.	Manufacturer Serial Number		Description	Qty.
▽		767008	(000000–	)	Valve, Hyd Cntrl Sol	1
▲	1	22682	(000000–	)	Valve, 3P4W Do3 Cp	1
▲▽	2	79716	(000000–	)	Valve Stem	2
▲▲	3	79728	(000000–	)	Nut	1
▲▲	4	79711	(000000–	)	Seal Kit, Cart	1
▲▲	5	79740	(000000–	)	Seal Kit, Coil	2
▲▽	6	21906	(000000–	)	Valve Stem 3W2P	1
▲▲	7	79731	(000000–	)	Nut	1
▲▲	8	79711	(000000–	)	Seal Kit, Cart	1
▲▲	9	79740	(000000–	)	Seal Kit, Coil	2
▲▽	10	22689	(000000–	)	Cart,Psi Cn Cp	1
▲▲	11	79711	(000000–	)	Seal Kit, Cart	1
▲	12	22678	(000000–	)	Vlv, Thermostat Cp	1
▲	13	13902	(000000–	)	Plug	6
▲	14	13904	(000000–	)	Plug, Gauge	1
▲	15	21916	(000000–	)	Solenoid, 12V	3

Fig. 24 - Hydraulic Solenoid Valve Breakdown, 767009

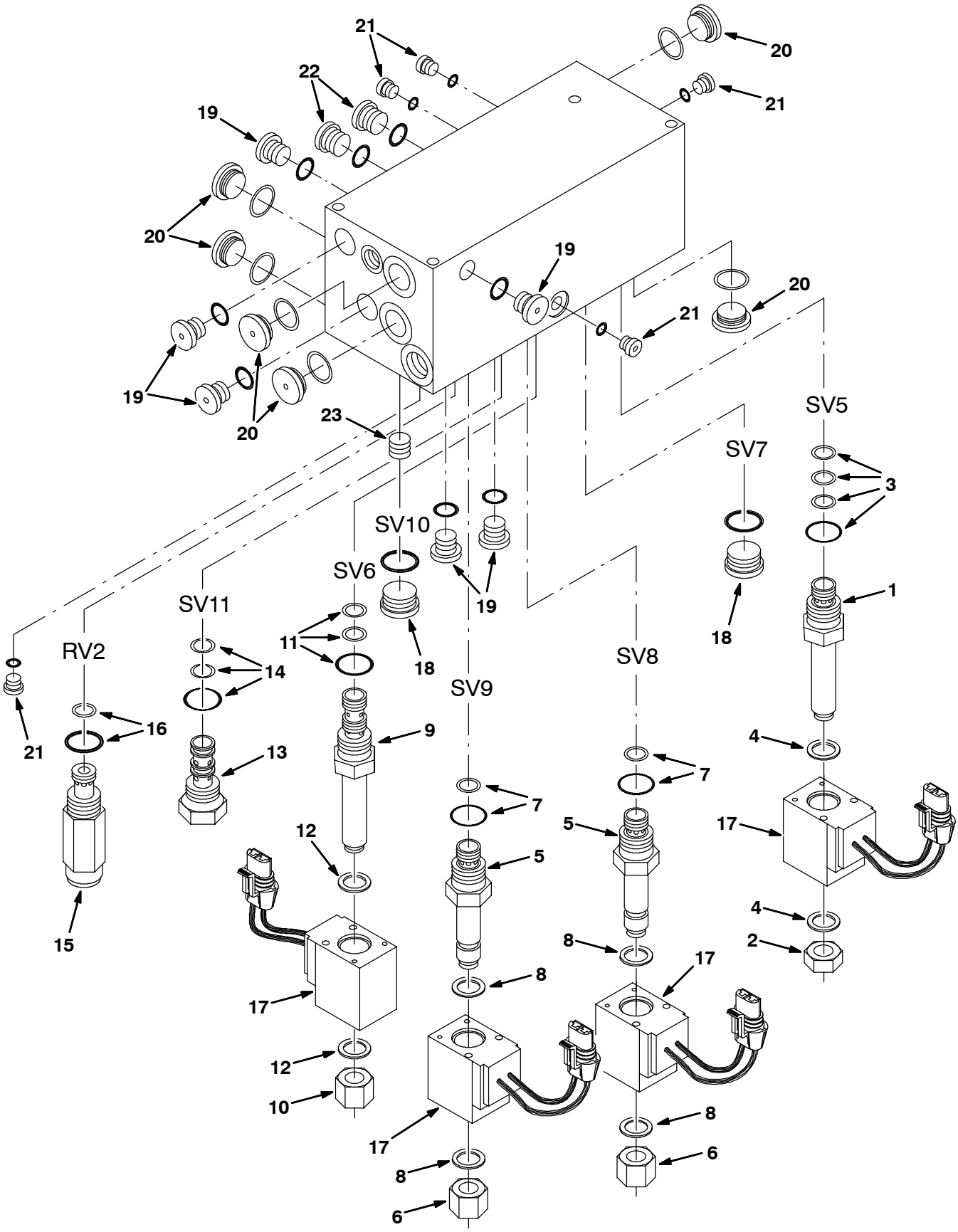


352458

Fig. 24 - Hydraulic Solenoid Valve Breakdown, 767009

	Ref.	TENNANT Part No.	Manufacturer Serial Number		Description	Qty.
▽		767009	(000000–	)	Valve, Hyd Cntrl Sol	1
▲▽	1	79716	(000000–	)	Valve Stem	1
▲▲	2	79728	(000000–	)	Nut	1
▲▲	3	79711	(000000–	)	Seal Kit, Cart	1
▲▲	4	79740	(000000–	)	Seal Kit, Coil	2
▲▽	5	22692	(000000–	)	Cart, Priority Cp	1
▲▲	6	22699	(000000–	)	Seal Kit, Cart. Cp	1
▲	7	21916	(000000–	)	Solenoid, 12V	1

Fig. 25 - Hydraulic Solenoid Valve Breakdown, 767220
(For Standard R.H. Side Brush)

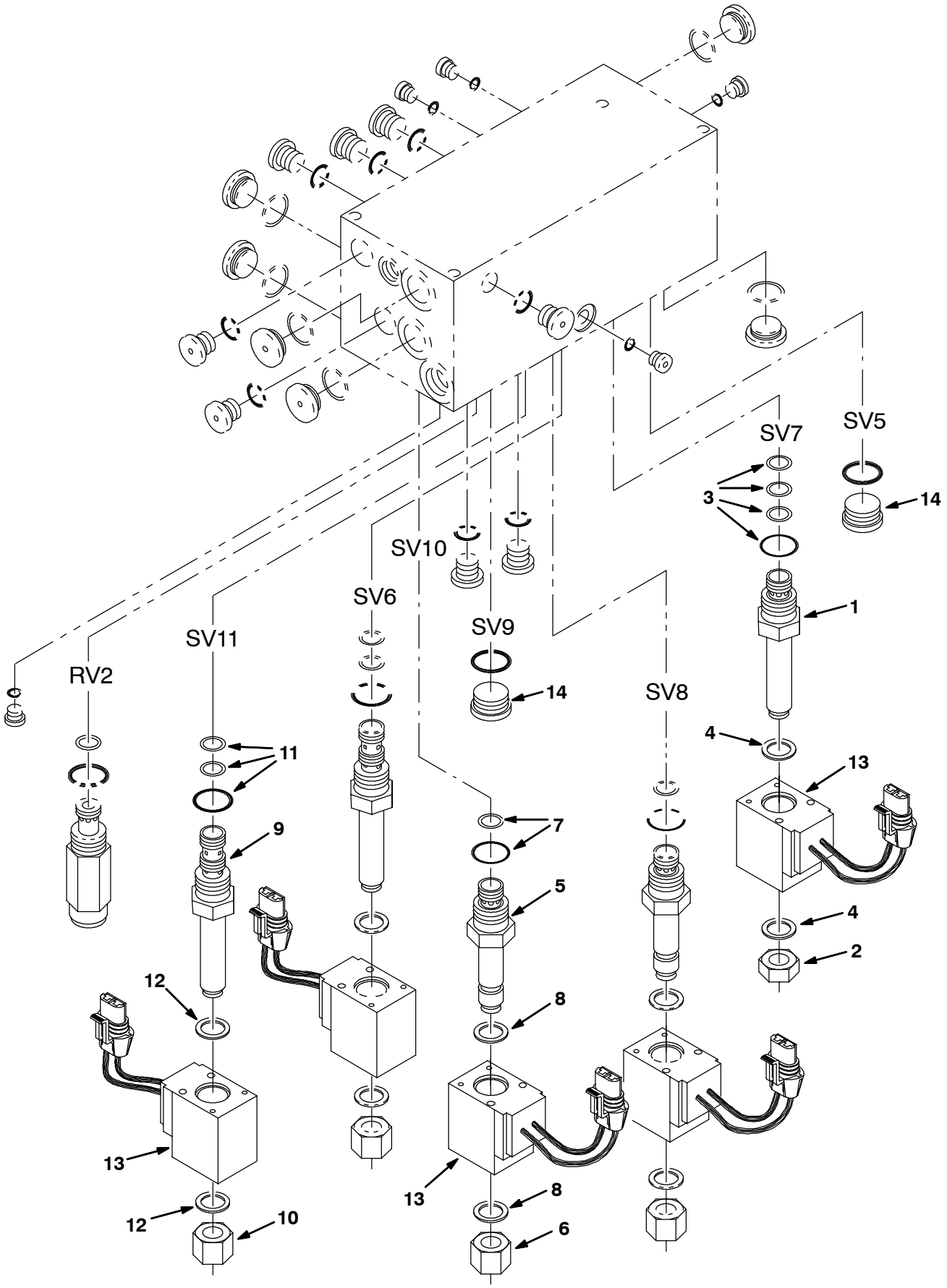


352452

Fig. 25 - Hydraulic Solenoid Valve Breakdown, 767220
(For Standard R.H. Side Brush)

	Ref.	TENNANT Part No.	Manufacturer Serial Number		Description	Qty.
▽		767220	(000000–	)	Valve, Hyd Cntrl Sol	1
▲▽	1	79716	(000000–	)	Valve Stem	1
▲▲	2	79728	(000000–	)	Nut	1
▲▲	3	79711	(000000–	)	Seal Kit, Cart	1
▲▲	4	79740	(000000–	)	Seal Kit, Coil	2
▲▽	5	79732	(000000–	)	Valve Stem	2
▲▲	6	79731	(000000–	)	Nut	1
▲▲	7	79711	(000000–	)	Seal Kit, Cart	1
▲	8	79740	(000000–	)	Seal Kit, Coil	2
▲▽	9	21906	(000000–	)	Valve Stem 3W2P	1
▲▲	10	79731	(000000–	)	Nut	1
▲▲	11	79711	(000000–	)	Seal Kit, Cart	1
▲▲	12	79740	(000000–	)	Seal Kit, Coil	2
▲▽	13	22687	(000000–	)	Plug, Cavity Cp	1
▲▲	14	79711	(000000–	)	Seal Kit, Cart	1
▲▽	15	22689	(000000–	)	Cart,Psi Cn Cp	1
▲▲	16	79711	(000000–	)	Seal Kit, Cart	1
▲	17	21916	(000000–	)	Solenoid, 12V	4
▲	18	74099	(000000–	)	Plug	2
▲	19	74098	(000000–	)	Plug	6
▲	20	13907	(000000–	)	Plug	6
▲	21	13902	(000000–	)	Plug	5
▲	22	13904	(000000–	)	Plug, Gauge	2
▲	23	767219	(000000–	)	Plug, Set Screw (Vario Brush only)	1

Fig. 26 - Hydraulic Solenoid Valve Breakdown, 767220
(For Standard L.H. Side Brush)

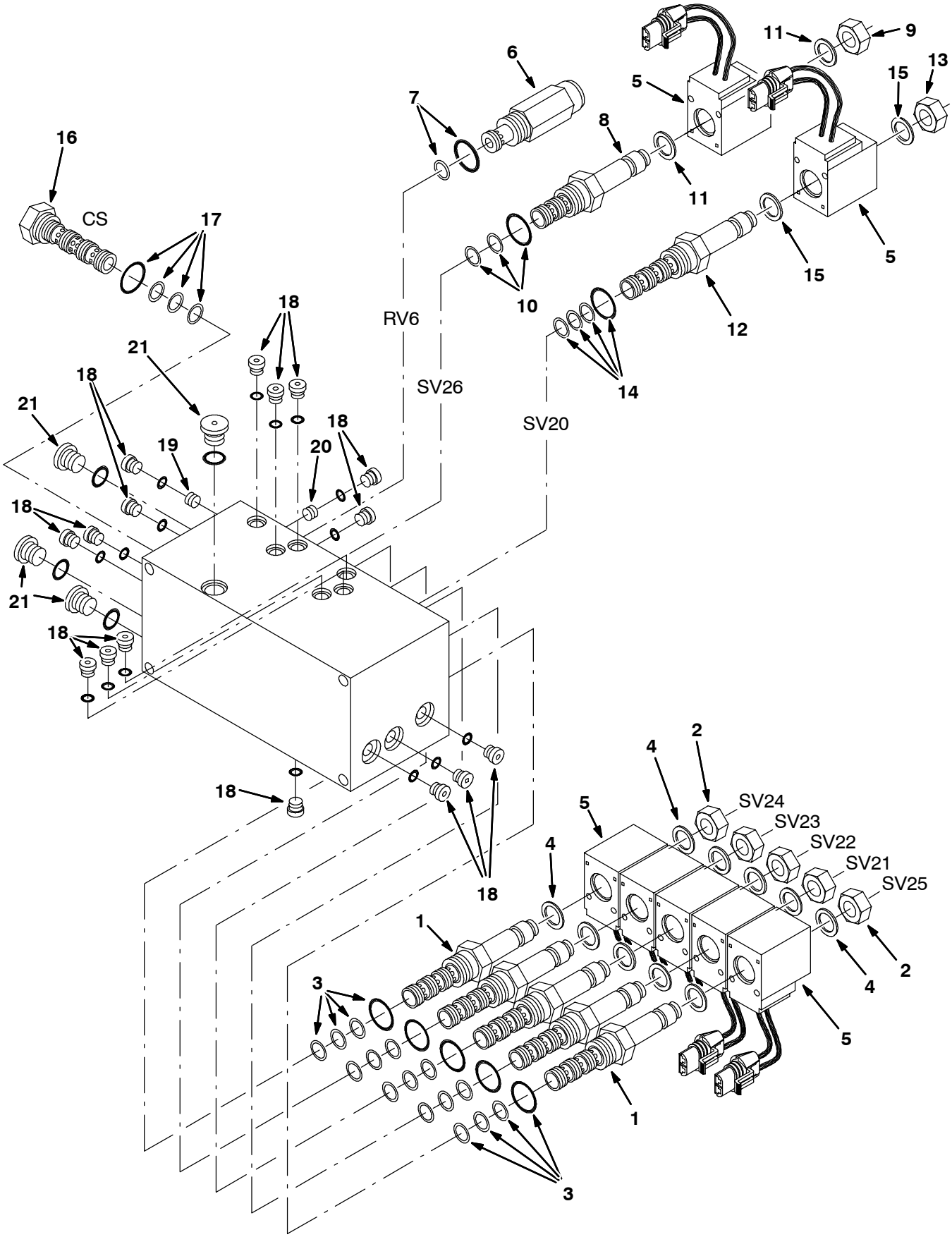


353143

Fig. 26 - Hydraulic Solenoid Valve Breakdown, 767220
(For Standard L.H. Side Brush)

	Ref.	TENNANT Part No.	Manufacturer Serial Number		Description	Qty.
▽		767220	(000000–	)	Valve, Hyd Cntrl Sol	1
▲▽	1	79716	(000000–	)	Valve Stem	1
▲▲	2	79728	(000000–	)	Nut	1
▲▲	3	79711	(000000–	)	Seal Kit, Cart	1
▲▲	4	79740	(000000–	)	Seal Kit, Coil	2
▲▽	5	79732	(000000–	)	Valve Stem	1
▲▲	6	79731	(000000–	)	Nut	1
▲▲	7	79711	(000000–	)	Seal Kit, Cart	1
▲	8	79740	(000000–	)	Seal Kit, Coil	2
▲▽	9	21906	(000000–	)	Valve Stem 3W2P	1
▲▲	10	79731	(000000–	)	Nut	1
▲▲	11	79711	(000000–	)	Seal Kit, Cart	1
▲▲	12	79740	(000000–	)	Seal Kit, Coil	2
▲	13	21916	(000000–	)	Solenoid, 12vdc, Valve, Hyd	3
▲	14	74099	(000000–	)	Seal Kit, Cart	2

Fig. 27 - Hydraulic Solenoid Valve Breakdown, 767208

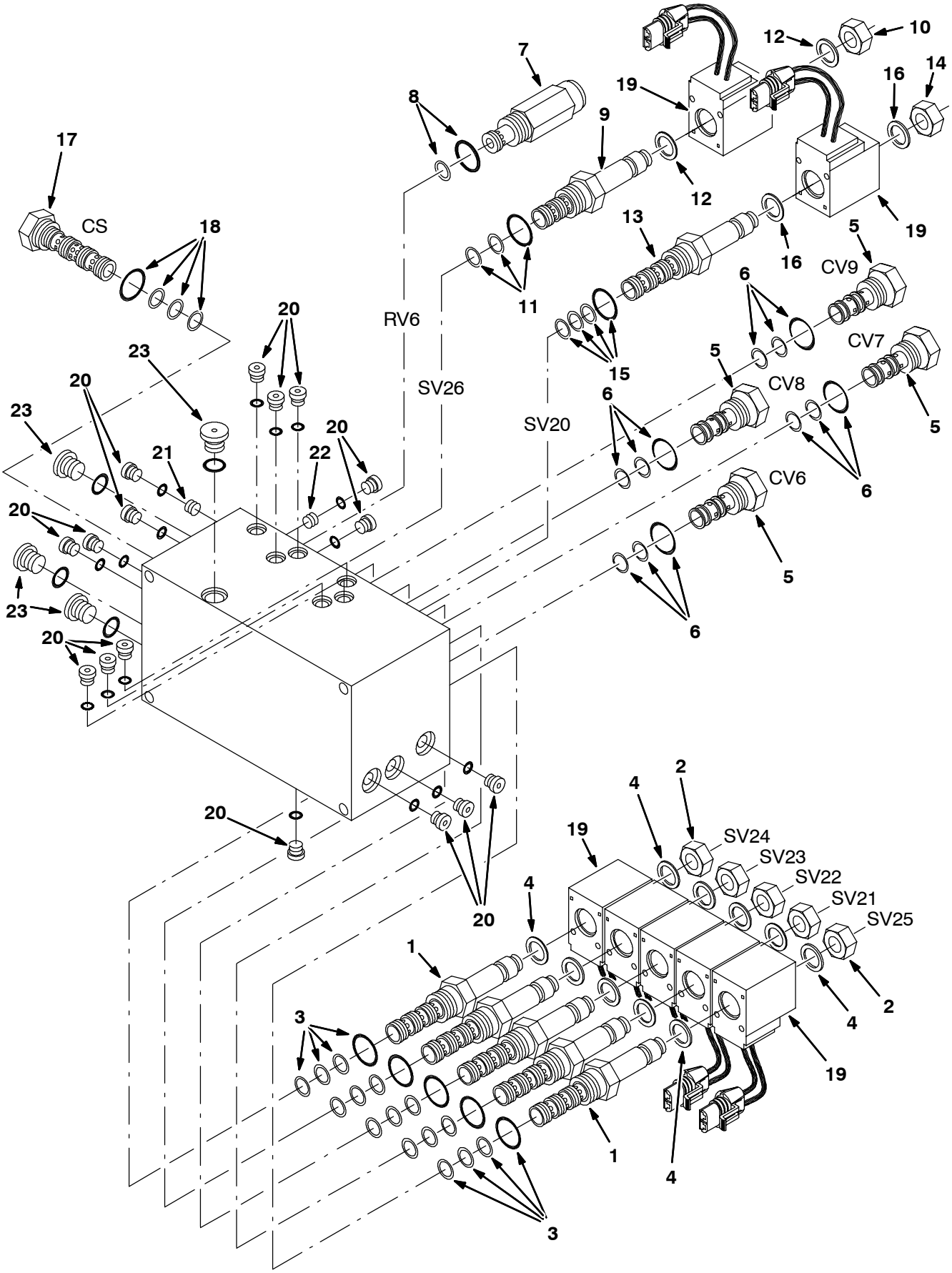


352515

Fig. 27 - Hydraulic Solenoid Valve Breakdown, 767208

	Ref.	TENNANT Part No.	Manufacturer Serial Number		Description	Qty.
▽		767208	(000000–	)	Valve, Hyd Cntrl Sol – Vario	1
▲▽	1	22697	(000000–	)	Valve Stem 4W2P Cp	5
▲▲	2	79728	(000000–	)	Nut	1
▲▲	3	22698	(000000–	)	Seal Kit, Cart. Cp	1
▲▲	4	79740	(000000–	)	Seal Kit, Coil	2
▲	5	22681	(000000–	)	Coil, 12V Cp	7
▲▽	6	22693	(000000–	)	Cart,Psi Cn Cp	1
▲▲	7	22698	(000000–	)	Seal Kit, Cart. Cp	1
▲▽	8	22694	(000000–	)	Valve Stem 3W2P Cp	1
▲▲	9	79728	(000000–	)	Nut	1
▲▲	10	22698	(000000–	)	Seal Kit, Cart. Cp	1
▲▲	11	79740	(000000–	)	Seal Kit, Coil	2
▲▽	12	22696	(000000–	)	Valve Stem 4W2P Cp	1
▲▲	13	79728	(000000–	)	Nut	1
▲▲	14	22698	(000000–	)	Seal Kit, Cart. Cp	1
▲▲	15	79740	(000000–	)	Seal Kit, Coil	2
▲▽	16	22691	(000000–	)	Cart,Logic Cntl Cp	1
▲▲	17	22699	(000000–	)	Seal Kit, Cart. Cp	1
▲	18	13902	(000000–	)	Plug	17
▲	19	22670	(000000–	)	Plug, Orifice Cp	1
▲	20	79723	(000000–	)	Plug	1
▲	21	74098	(000000–	)	Plug	6

Fig. 28 - Hydraulic Solenoid Valve Breakdown, 767215



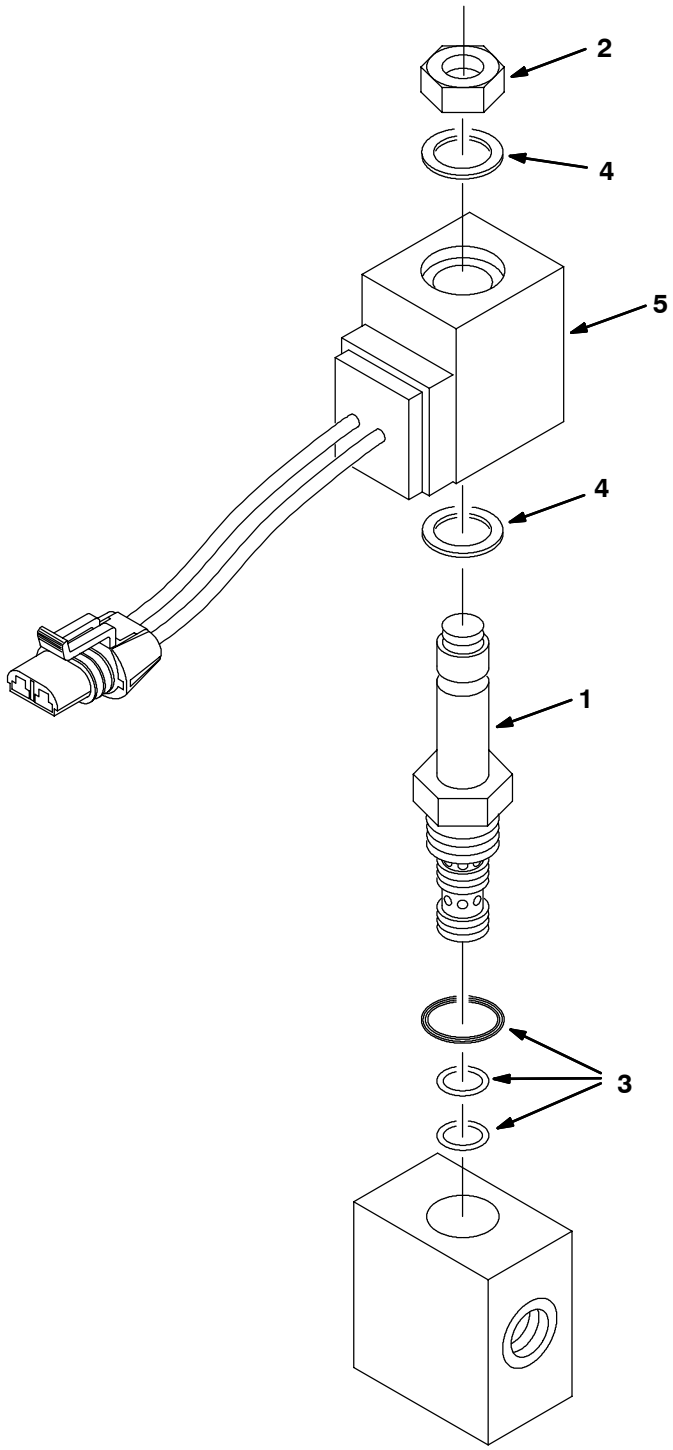
352460

Fig. 28 - Hydraulic Solenoid Valve Breakdown, 767215

	Ref.	TENNANT Part No.	Manufacturer Serial Number		Description	Qty.
▽		767215	(000000–	)	Valve, Hyd Cntrl Sol	1
▲▽	1	22697	(000000–	)	Valve Stem 4W2P Cp	5
▲▲	2	79728	(000000–	)	Nut	1
▲▲	3	22698	(000000–	)	Seal Kit, Cart. Cp	1
▲▲	4	79740	(000000–	)	Seal Kit, Coil	2
▲▽	5	~~22679~~	(000000–	)	Cart,Pilot Cntr Cp	4
▲▲	6	22698	(000000–	)	Seal Kit, Cart. Cp	1
▲▽	7	22693	(000000–	)	Cart,Psi Cn Cp	1
▲▲	8	22698	(000000–	)	Seal Kit, Cart. Cp	1
▲▽	9	22694	(000000–	)	Valve Stem 3W2P Cp	1
▲▲	10	79728	(000000–	)	Nut	1
▲▲	11	22698	(000000–	)	Seal Kit, Cart. Cp	1
▲▲	12	79740	(000000–	)	Seal Kit, Coil	2
▲▽	13	22696	(000000–	)	Valve Stem 4W2P Cp	1
▲▲	14	79728	(000000–	)	Nut	1
▲▲	15	22698	(000000–	)	Seal Kit, Cart. Cp	1
▲▲	16	79740	(000000–	)	Seal Kit, Coil	2
▲▽	17	22691	(000000–	)	Cart,Logic Cntl Cp	1
▲▲	18	22699	(000000–	)	Seal Kit, Cart. Cp	1
▲	19	22681	(000000–	)	Coil, 12V Cp	7
▲	20	13902	(000000–	)	Plug	17
▲	21	22670	(000000–	)	Plug, Orifice Cp	1
▲	22	79723	(000000–	)	Plug	1
▲	23	74098	(000000–	)	Plug	6

373470

Fig. 29 - Hydraulic Solenoid Valve Breakdown, 767207

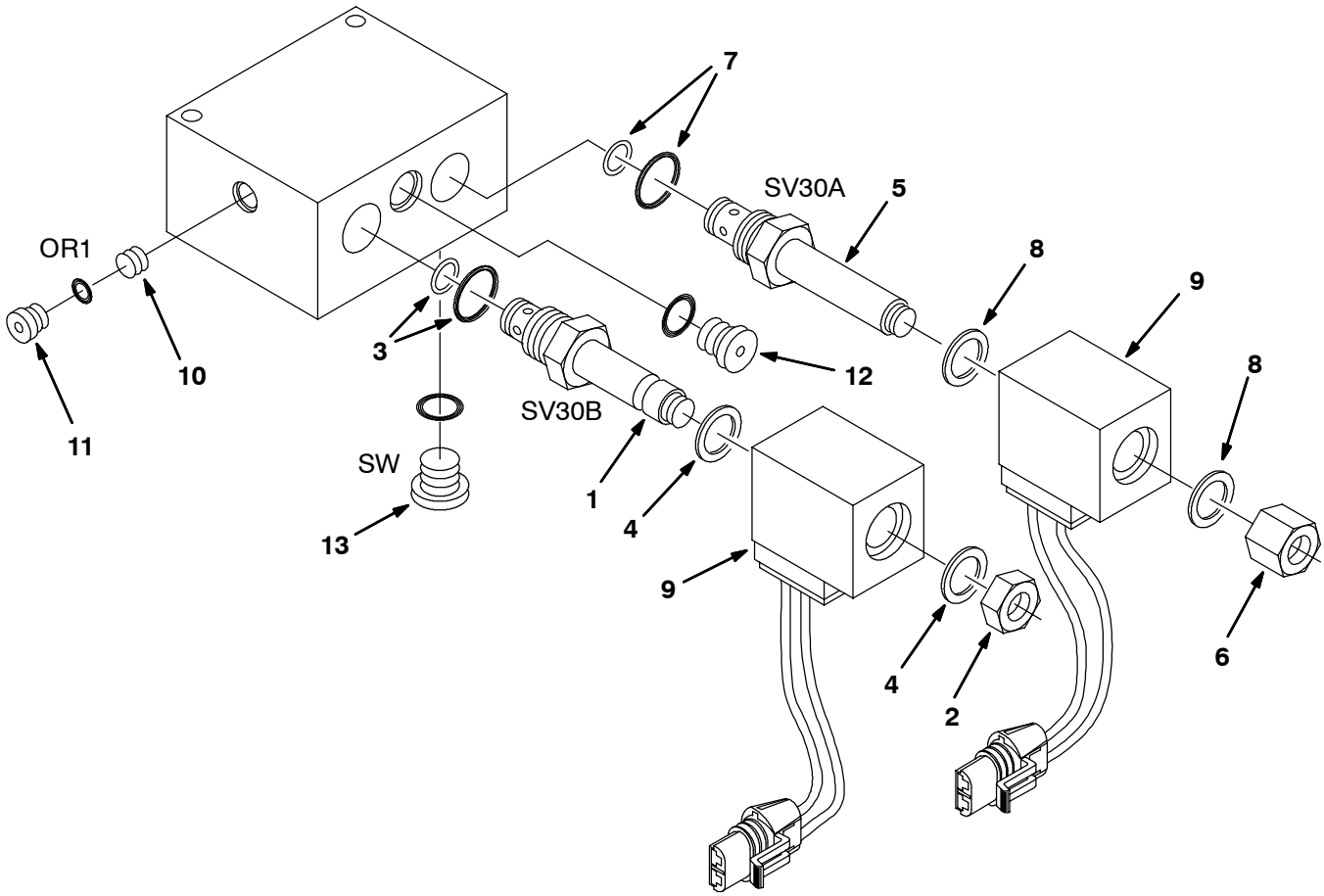


353287

Fig. 29 - Hydraulic Solenoid Valve Breakdown, 767207

	Ref.	TENNANT Part No.	Manufacturer Serial Number		Description	Qty.
▽		767207	(000000–	)	Valve, Hyd Cntrl Sol	1
▲▽	1	22694	(000000–	)	Valve Stem	1
▲▲	2	373360	(000000–	)	Nut	1
▲▲	3	22698	(000000–	)	Seal Kit, Cartridge	1
▲▲	4	373361	(000000–	)	Seal Kit, Coil	1
▲	5	22681	(000000–	)	Coil	1

Fig. 30 - Hydraulic Solenoid Valve Breakdown, 768883

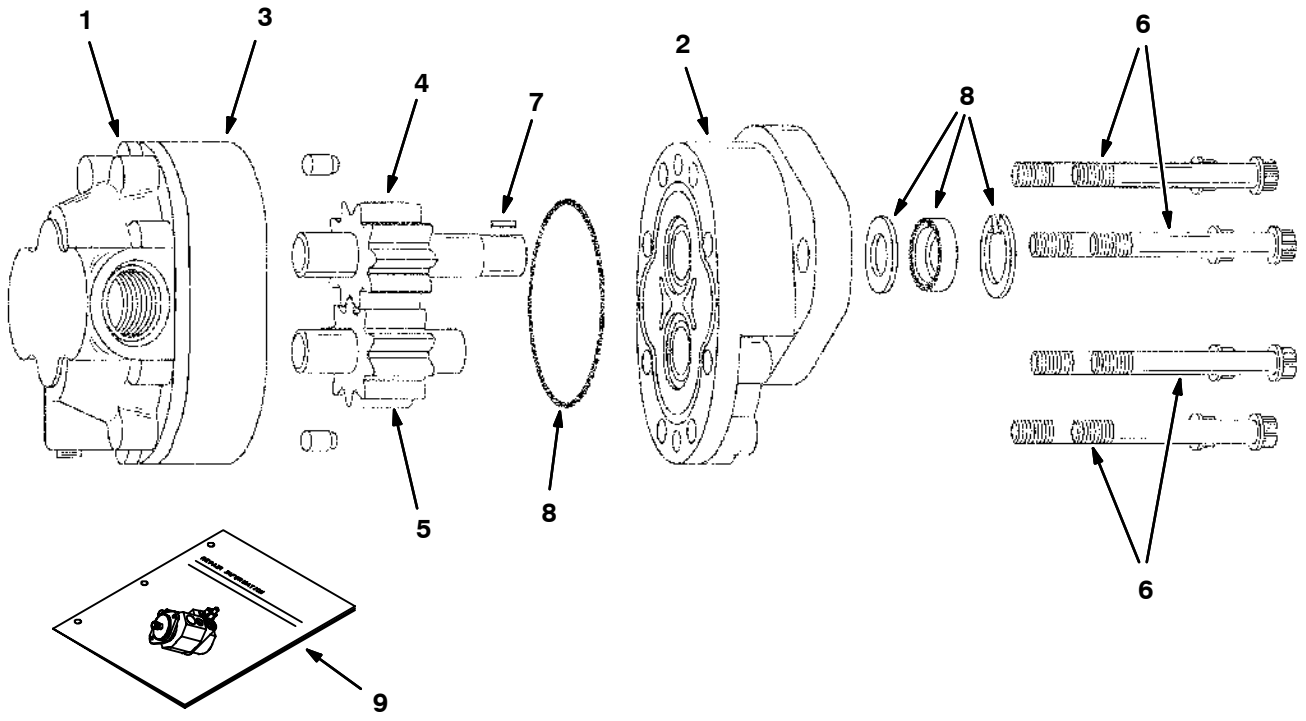


353288

Fig. 30 - Hydraulic Solenoid Valve Breakdown, 768883

	Ref.	TENNANT Part No.	Manufacturer Serial Number		Description	Qty.
▽		768883	(000000–	)	Valve, Hyd, Solenoid	1
▲▽	1	768890	(000000–	)	Valve Stem, NC	1
▲▲	2	373360	(000000–	)	Nut	1
▲▲	3	373342	(000000–	)	Seal Kit, Cartridge	1
▲▲	4	373361	(000000–	)	Seal Kit, Coil	1
▲▽	5	768891	(000000–	)	Valve Stem, NO	1
▲▲	6	373416	(000000–	)	Nut	1
▲▲	7	373342	(000000–	)	Seal Kit, Cartridge	1
▲▲	8	373361	(000000–	)	Seal Kit, Coil	1
▲	9	22681	(000000–	)	Coil, 12VDC	2
▲	10	21920	(000000–	)	Plug	1
▲	11	13902	(000000–	)	Plug	1
▲	12	74098	(000000–	)	Plug	1
▲	13	13904	(000000–	)	Plug	1

Fig. 31 - Hydraulic Motor Breakdown, 762032



	Ref.	TENNANT Part No.	Manufacturer Serial Number		Description	Qty.
▽		762032	(000000-	)	Motor, Hyd, Vacfan 1.02 Cid	1
▲	1	373561	(000000-	)	Backplate	1
▲	2	373562	(000000-	)	Frontplate	1
▲	3	373563	(000000-	)	Body	1
▲	4	373564	(000000-	)	Drive Gear	1
▲	5	373565	(000000-	)	Idler Gear	1
▲	6	373212	(000000-	)	Cap Screw	8
▲	7	373213	(000000-	)	Key	1
▲	8	762117	(000000-	)	Kit, Seal, Hyd Motor	1
	9	373566	(000000-	)	Repair Info, Pmp	1

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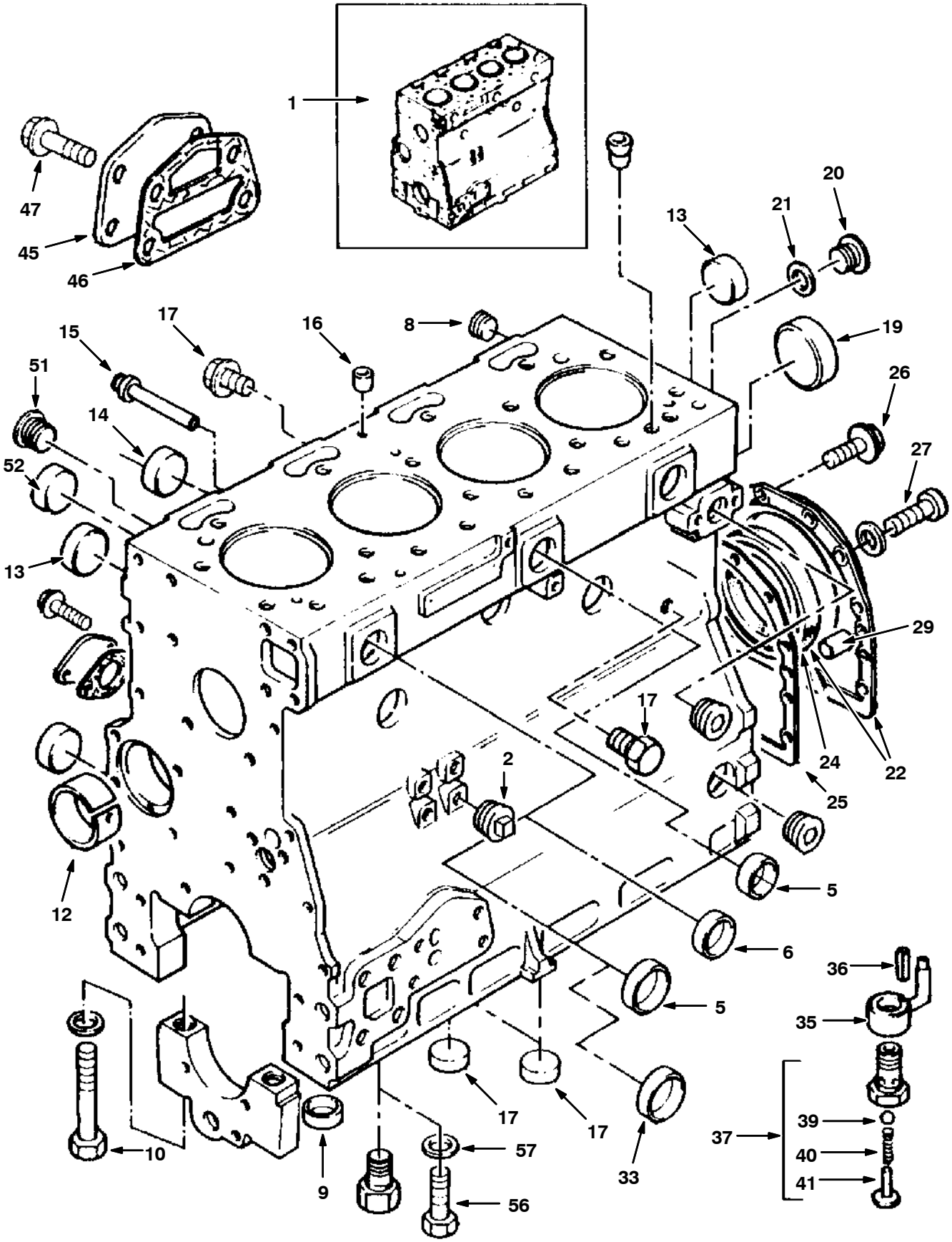
Fig. 1 - Cylinder Block Group

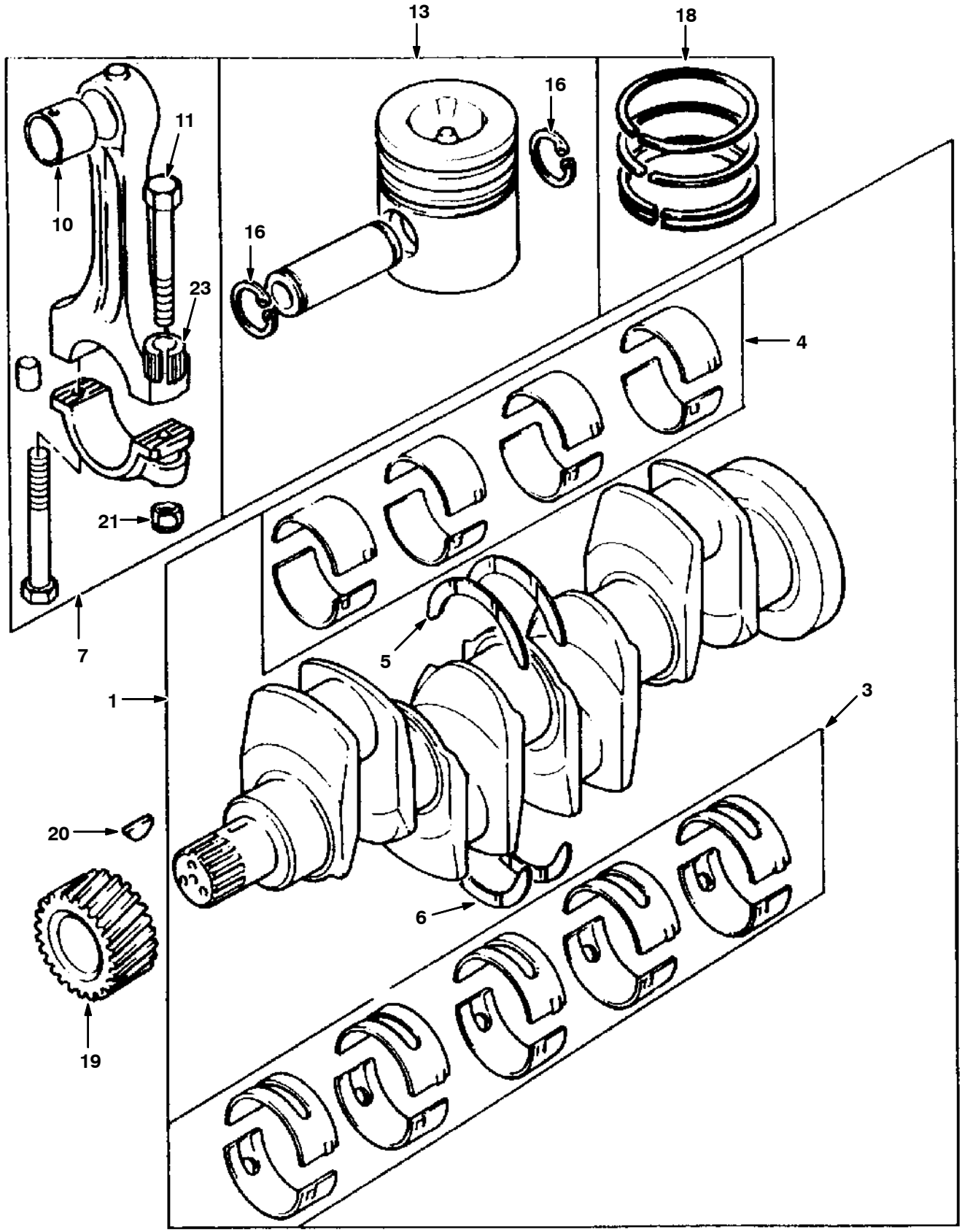


352374

Fig. 1 - Cylinder Block Group

	Ref.	Tennant Part No.	Perkins Part Number	Description	Qty.
	1	766631	ZZ50280	BLOCK, CYLINDER	1
	2	763924	0650594	PLUG	1
	5	764404	0650710	PLUG	6
	6	764455	0650713	PLUG	1
	8	764403	0650588	PLUG	2
	9	764456	33142111	THIMBLE	10
	10	764461	32166329	BOLT	10
	12	764953	31134165	BUSHING	1
	13	764465	32418122	PLUG	6
	14	764965	32416118	PLUG	3
	15	764466	2485A204	PLUG	1
	16	764467	32417134	PLUG	1
	17	764836	32161114	PLUG	4
	19	765039	32416119	PLUG	1
764470	20	~~766665~~	32168212	PLUG	1
	21	764471	3311R003	WASHER	1
▽	22	763802	4142V066	HOUSING	1
▲	24	764473	2418F475	SEAL	1
	25	765040	3681T012	JOINT	1
	26	764409	2314H003	SCREW	12
	27	765038	3212V002	SCREW	2
	29	764478	0350009	DOWEL	2
	33	766669	3314A103	PLUG	1
	35	765036	4126X124	JET	1
	36	765034	2116A022	DOWEL	1
▽	37	763806	4138A017	VALVE	1
▲	39	763807	2538753	BALL	1
▲	40	763808	3174A004	SPRING	1
▲	41	763809	3271A003	RETAINER	1
	45	764743	3623H008	PLATE	1
	46	764877	3687W008	JOINT	1
	47	764744	2314J033	SCREW	4
	51	766664	3212T006	PLUG	2
	52	766666	32417145	PLUG	1
	56	764481	2182110	SCREW	3
	57	764482	0920469	SPACER	3
	58	372946	U5MK8121	Block, Long, w/o cam shaft and lifters	1
	59	372947	AR39789	Block, Short, w/o cam shaft and lifters	1

Fig. 2 - Crankshafts, Pistons and Connecting Rods Group

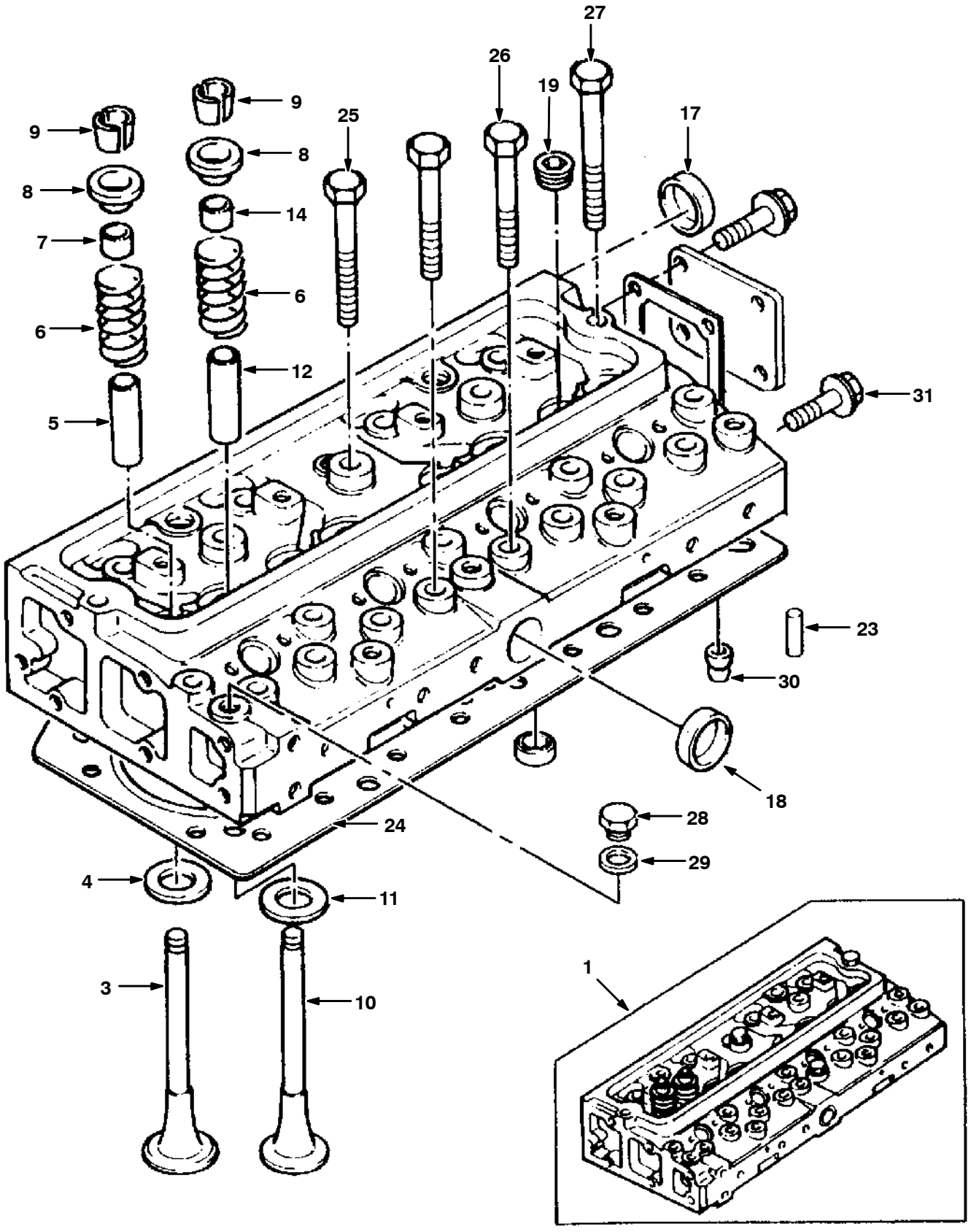


352376

Fig. 2 - Crankshafts, Pistons and Connecting Rods Group

	Ref.	Tennant Part No.	Perkins Part Number	Description	Qty.
▽	1	764923	ZZ90145	KIT, CRANKSHAFT	1
▲	3	764484	81558	KIT, BEARING	1
▲	3	764485	81558A	KIT, BEARING	1
▲	3	764486	81558B	KIT, BEARING	1
▲	3	764487	81558C	KIT, BEARING	1
▲	4	763811	U5ME0006	KIT, BEARING	1
▲	4	763812	U5ME0006A	KIT, BEARING	1
▲	4	763813	U5ME0006B	KIT, BEARING	1
▲	4	763814	U5ME0006C	KIT, BEARING	1
▲	5	764493	31137312	THRUST WASHER, TOP	1
▲	5	764492	31137551	THRUST WASHER, TOP	1
▲	6	764495	31137322	THRUST WASHER, BOTTOM	1
▲	6	764494	31137561	THRUST WASHER, BOTTOM	1
	7	766634	ZZ90188	CONN ROD (HI GRADE)	4
	7	766635	ZZ90189	CONN ROD (INTERMEDIATE GR)	4
	7	766636	ZZ90190	CONN ROD (INTERMEDIATE GR)	4
	7	766637	ZZ90191	CONN ROD (LOW GRADE)	4
	10	764952	3112E011	BUSHING	1
	11	766667	32762145	SCREW	2
	13	766625	U5LP0058	KIT, PISTON (STD)	4
	13	766626	U5LP0058B	KIT, PISTON (+0.5MM)	4
	13	766627	U5LP0058D	KIT, PISTON (+1.0MM)	4
	16	764951	2721332	CIRCLIP	2
	18	766621	U4181A045	KIT, PISTON RING (STD)	4
	18	766622	U4181A046	KIT, PISTON RING (+0.5MM)	4
	18	766623	U4181A047	KIT, PISTON RING (+1.0MM)	4
	19	764503	3117C061	GEAR, CRANKSHAFT	1
	20	764402	0500012	WOODRUFF KEY	1
	21	764499	33221328	NUT	2
	23	766638	2135A001	THIMBLE	2

Fig. 3 - Cylinder Head Group

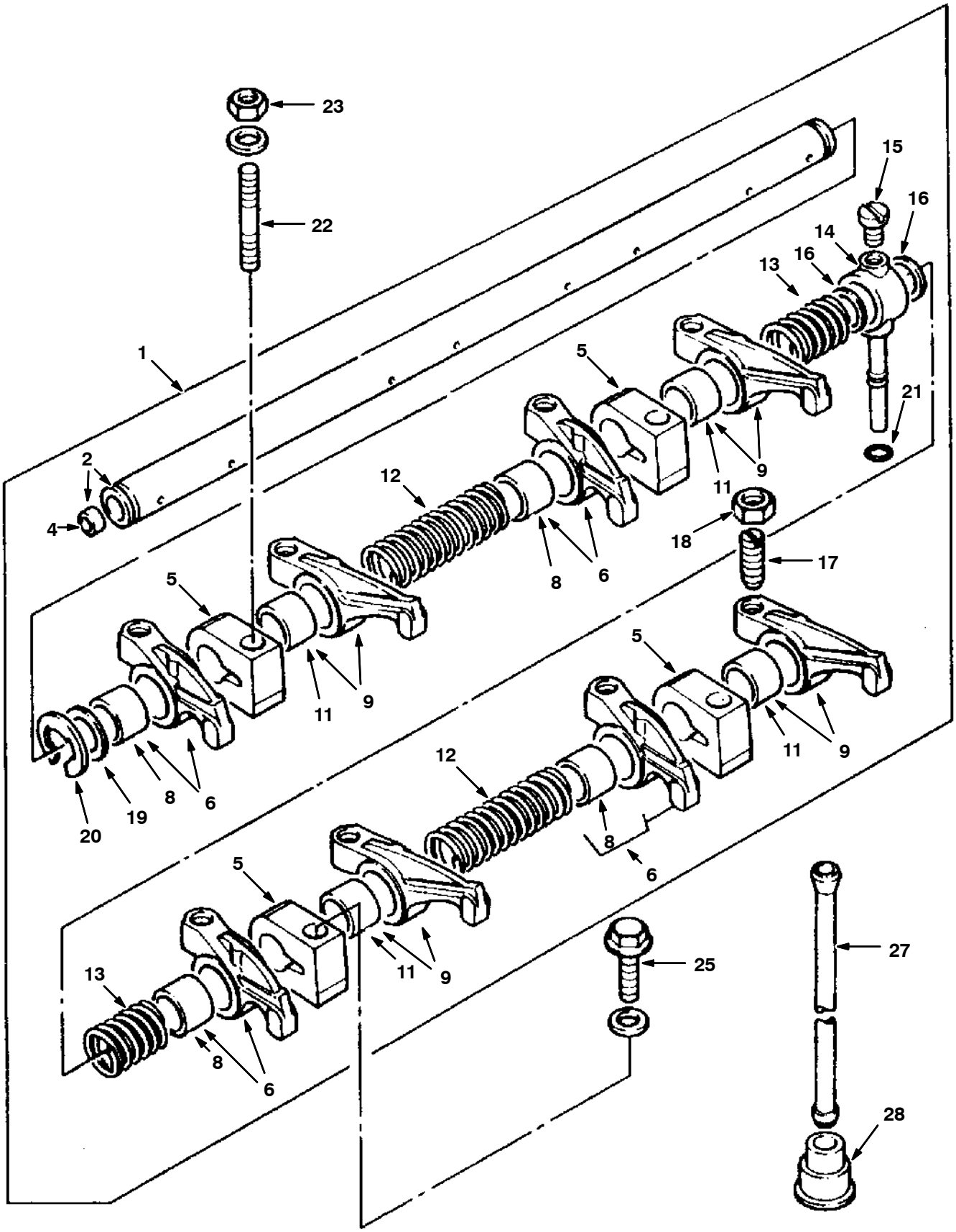


352378

Fig. 3 - Cylinder Head Group

Ref.	Tennant Part No.	Perkins Part Number	Description	Qty.
1	766632	ZZ80255	HEAD, CYLINDER	1
3	766605	U3142H041	VALVE, INLET	4
4	766611	U3314A101	INSERT	4
5	766668	3313E021	GUIDE	4
6	766606	U3174P412	SPRING	8
7	766600	U2418M507	SEAL	4
8	764978	3342N011	CAP	8
9	766658	3142W004	PIN, COTTER	16
10	766604	U3142D061	VALVE, EXHAUST	4
11	766612	U3314A102	INSERT	4
12	766613	U3318A705	GUIDE	4
14	766648	2418M505	SEAL	4
17	764465	32418122	PLUG	1
18	764404	0650710	PLUG	1
19	764517	2431A054	PLUG	4
23	766610	U3244A009	PIN, DOWEL	2
24	766614	U3681E039	GASKET, HEAD	1
25	766607	U3218J303	SCREW	8
26	766608	U3218J606	SCREW	12
27	766609	U3218J607	SCREW	2
28	764834	0650203	PLUG	1
29	764835	2411157	WASHER	1
30	765037	29990001	DOWEL	2
31	764408	2314H002	SCREW	3

Fig. 4 - Rocker Shaft Group

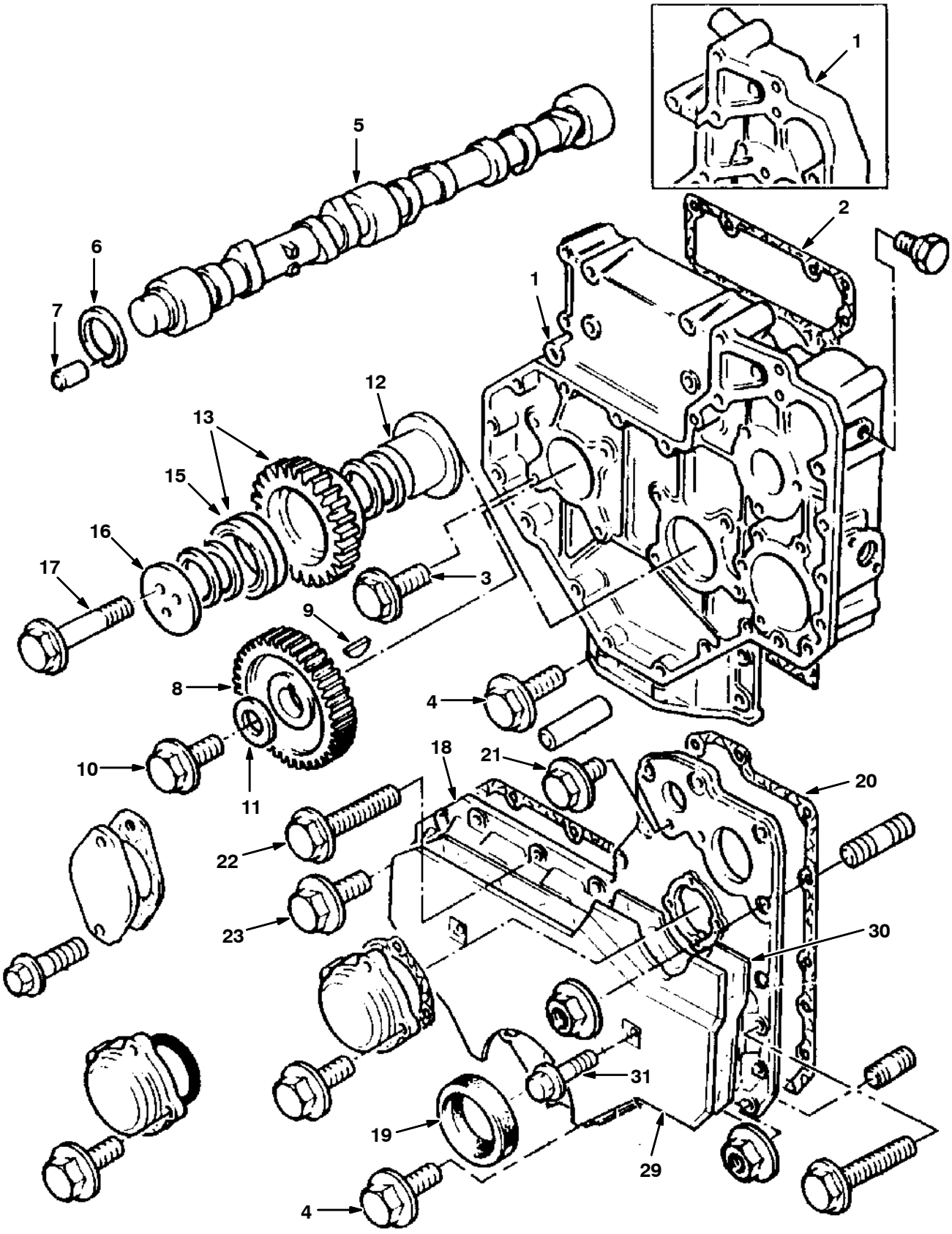


352380

Fig. 4 - Rocker Shaft Group

	Ref.	Tennant Part No.	Perkins Part Number	Description	Qty.
▽	1	766633	ZZ90184	SHAFT, ROCKER	1
▲▽	2	764926	ZZ90172	ROCKERSHAFT	1
▲▲	4	764524	0650507	PLUG	2
▲	5	763830	3818X901	BRACKET	4
▲▽	6	765023	4115R005	LEVER	4
▲▲	8	764954	31134166	BUSHING	1
▲▽	9	765024	4115R006	LEVER	4
▲▲	11	764954	31134166	BUSHING	4
▲	12	764530	31744123	SPRING	2
▲	13	764531	31743108	SPRING	2
▲	14	764532	3775E012	CONNECTION	1
▲	15	764533	2233022	SCREW	1
▲	16	764535	33117426	SHIM	2
▲	17	764536	0720579	SCREW	8
▲	18	764537	0576052	NUT	8
▲	19	764971	3311K012	WASHER	2
▲	20	764539	0170151	CIRCLIP	2
▲	21	764434	33811113	OLIVE	1
	22	763832	2313H331	STUD	3
	23	764640	2318A605	NUT	3
	25	764543	2314J607	SCREW	1
	27	764544	31434307	PUSHROD	8
	28	765042	3142U031	TAPPET	8

Fig. 5 - Timing Gear and Camshaft Group

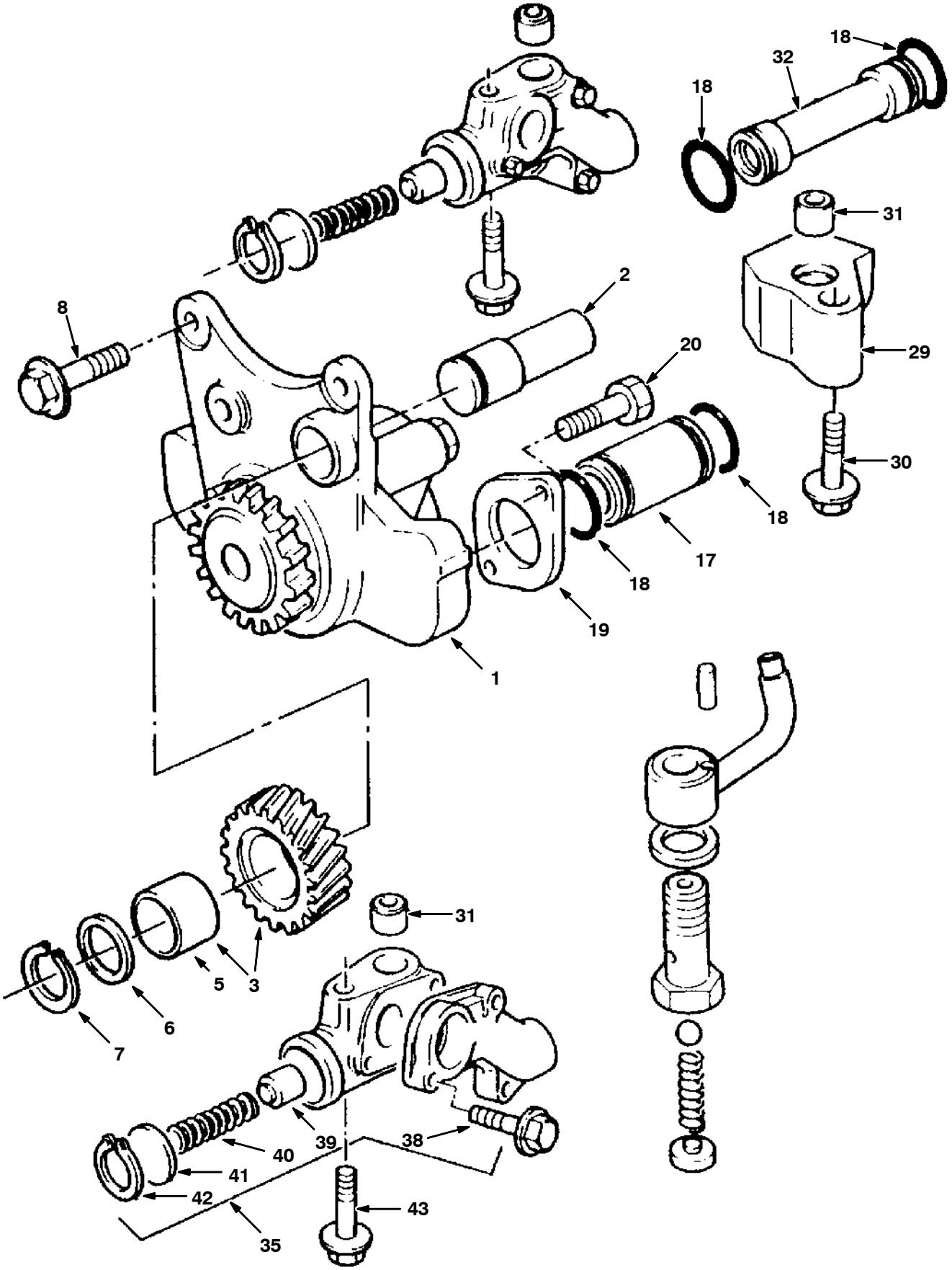


352382

Fig. 5 - Timing Gear and Camshaft Group

	Ref.	Tennant Part No.	Perkins Part Number	Description	Qty.
	1	764910	U3716C161	TIMING CASE	1
	2	764871	3681P009	JOINT	1
	3	764409	2314H003	SCREW	8
	4	764547	2314H034	SCREW	6
	5	766603	U3141D171	SHAFT, CAM	1
	6	763834	33153135	WASHER	1
	7	764550	2116053	PIN	1
	8	765044	3117L023	GEAR, CAMSHAFT	1
	9	764402	0500012	WOODRUFF KEY	1
	10	765043	2314J606	SCREW	1
	11	764552	3321A003	WASHER	1
	12	764553	33426161	HUB	1
▽	13	764554	4111A013	GEAR, IDLER	1
▲	15	764457	0050345	BUSHING	1
	16	765045	3241H009	PLATE	1
	17	764556	2314J010	SCREW	3
	18	766683	4142A404	COVER	1
	19	764558	2418F436	SEAL	1
	20	764999	3681P038	JOINT	1
	21	764560	2314H013	SCREW	6
	22	764410	2314H004	SCREW	1
	23	764575	2314H005	SCREW	7
	29	765020	3781N043	SHIELD	1
	30	765019	3781N042	DAMPER	1
	31	764567	2314F003	SCREW	2

Fig. 6 - Lubricating Oil Pump Group

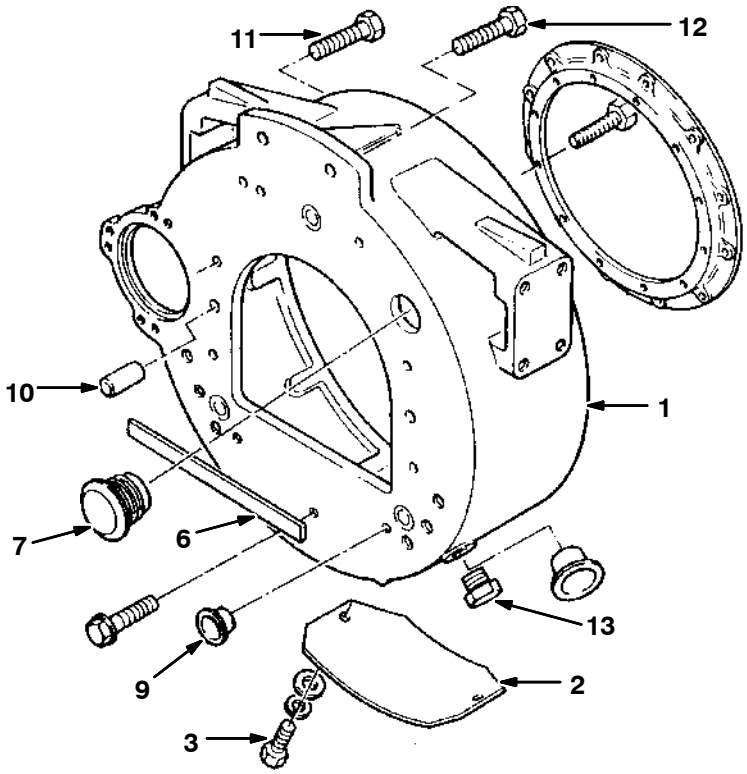


352384

Fig. 6 - Lubricating Oil Pump Group

	Ref.	Tennant Part No.	Perkins Part Number	Description	Qty.
	1	764568	4132F051	OIL PUMP	1
	2	765046	3271H004	SHAFT	1
▽	3	764571	4111A021	GEAR, IDLER	1
▲	5	764529	2511437	BUSHING	1
	6	765047	33123125	WASHER	1
	7	764574	2722A206	CIRCLIP	1
	8	764575	2314H005	SCREW	3
	17	764576	3343F012	PIPE, OIL	1
	18	764577	2415H201	O-RING	4
	19	764578	3748C011	FLANGE	1
	20	764410	2314H004	SCREW	2
	29	764579	3763W011	ADAPTOR	1
	30	764580	2314J008	SCREW	1
	31	765048	33137409	THIMBLE	2
	32	764582	3343M307	PIPE, OIL	1
▽	35	764583	4138A036	RELIEF VALVE	1
▲	38	764584	2314F907	SCREW	3
▲	39	764585	32712726	PLUNGER	1
▲	40	764586	3174L003	SPRING	1
▲	41	764587	32712111	SEAT	1
▲	42	764588	2721130	CIRCLIP	1
	43	764589	2314J011	SCREW	1

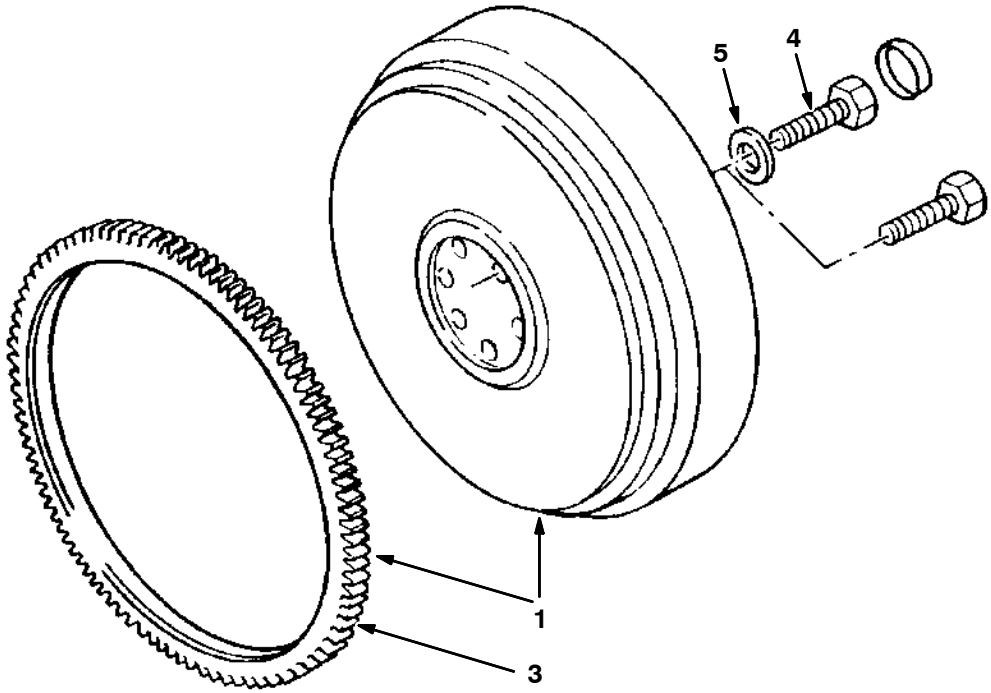
Fig. 7 - Flywheel Housing Group



352390

Ref.	Tennant Part No.	Perkins Part Number	Description	Qty.
1	765051	3713M042	FLYWHEEL HOUSING	1
2	764591	36212132	PLATE	1
3	765049	2314H102	SCREW	2
6	763868	36843154	SEAL	1
7	765050	2487402	PLUG	1
9	764595	2487204	PLUG	3
10	764596	0350025	DOWEL	2
11	766643	2314J204	SCREW	6
12	764420	2314J603	SCREW	2
13	764427	2487Y005	PLUG	1

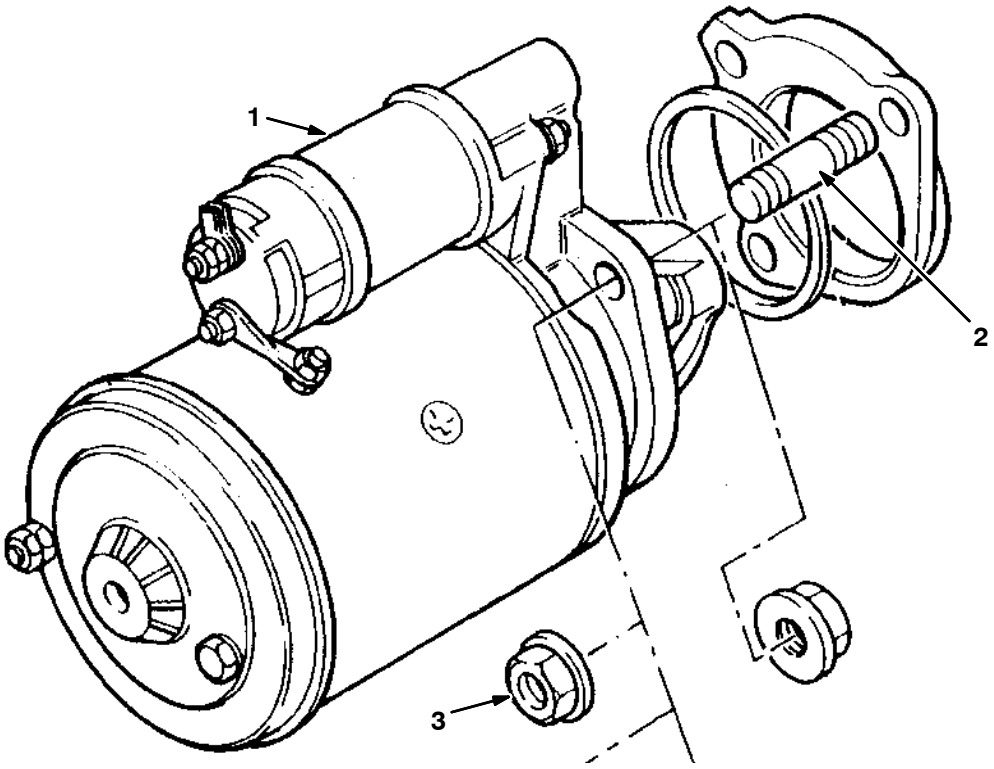
Fig. 8 - Flywheel Group



352392

	Ref.	Tennant Part No.	Perkins Part Number	Description	Qty.
▽	1	764597	4111D095	FLYWHEEL	1
▲	3	764598	31162121	GEAR, STARTER RING	1
	4	764460	0096803	BOLT	6
	5	764599	33117127	WASHER	6

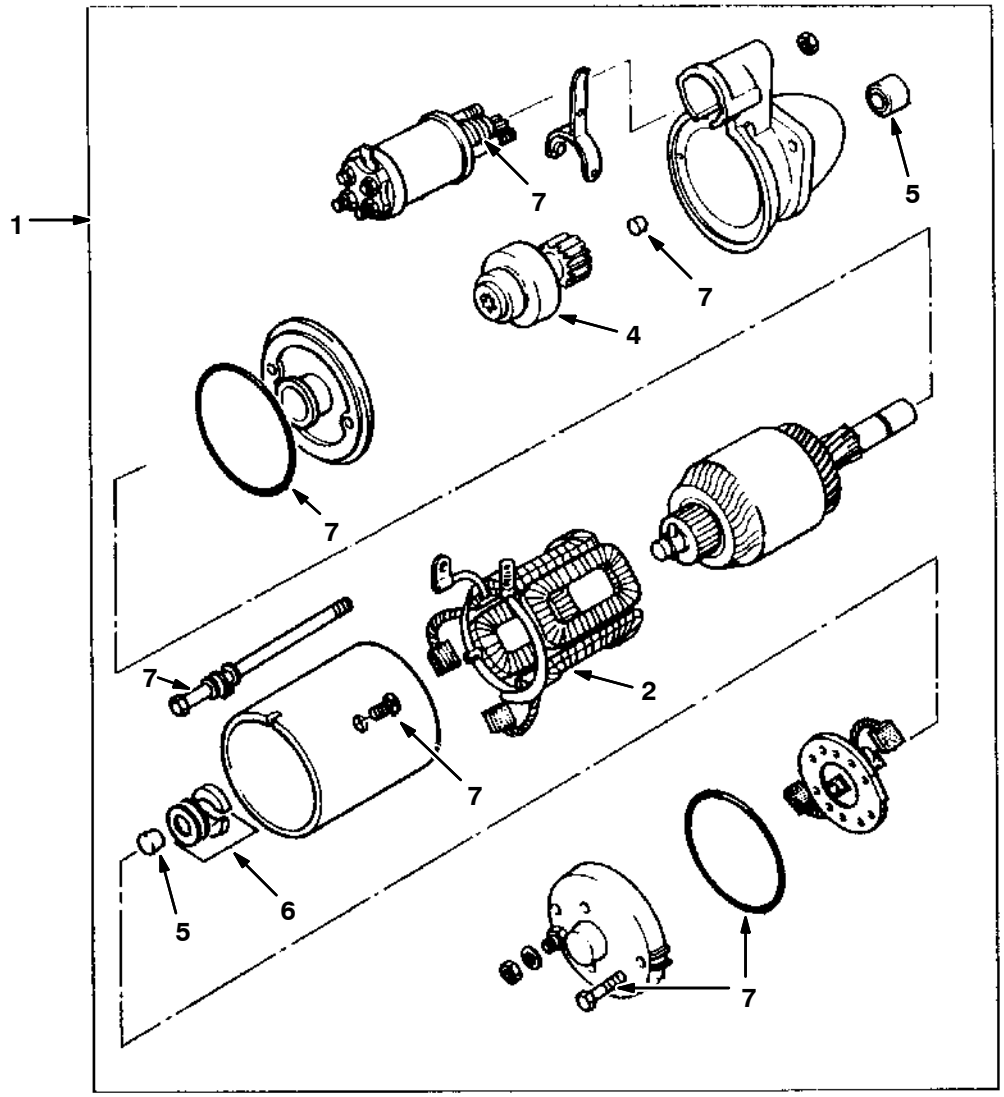
Fig. 9 - Starter Motor Group



352394

Ref.	Tennant Part No.	Perkins Part Number	Description	Qty.
1	764431	2873B071	STARTER MOTOR (SEE BREAKDOWN)	1
2	764407	2313C077	STUD	3
3	764422	2318A604	NUT	3

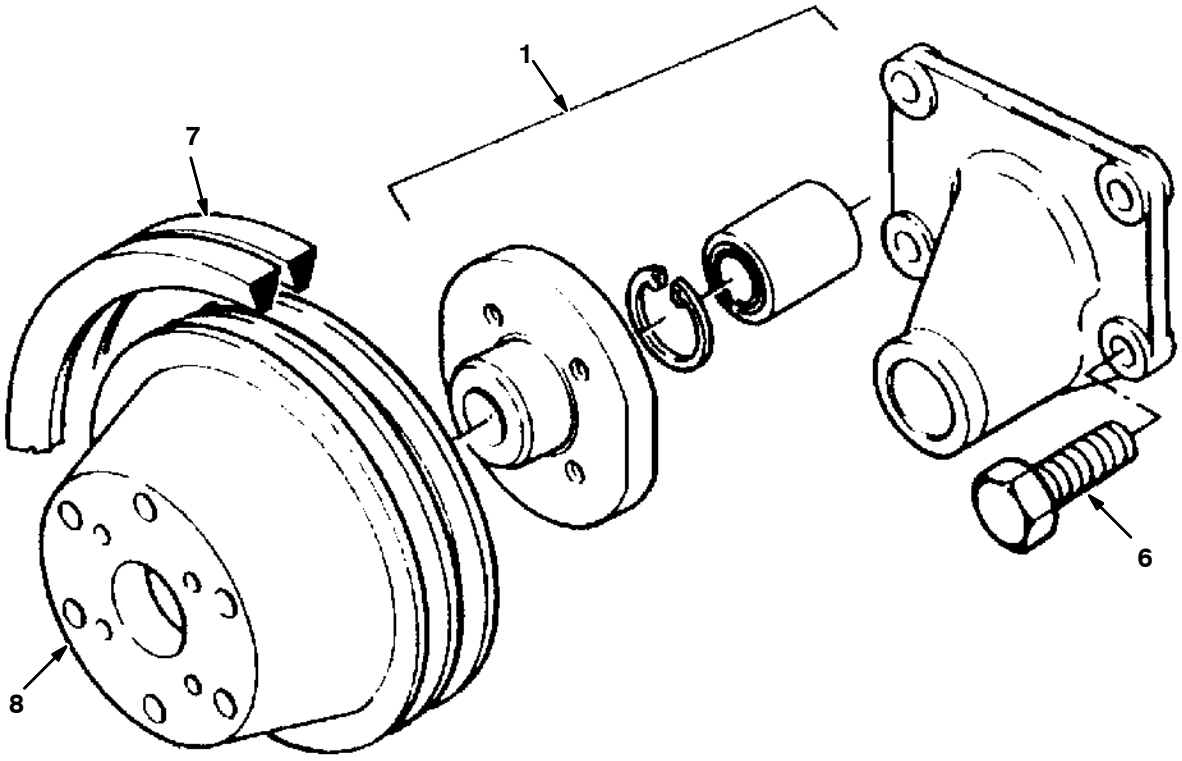
Fig. 10 - Starter Motor Breakdown



352396

	Ref.	Tennant Part No.	Perkins Part Number	Description	Qty.
▽	1	764431	2873B071	STARTER MOTOR	1
▲	2	765052	28730201	KIT, BRUSH	1
▲	4	765054	28730267	DRIVE	1
▲	5	764603	28730238	KIT, BRUSH	1
▲	6	764604	28730193	KIT, BRAKE	1
▲	7	765053	28730209	KIT, REPAIR	1

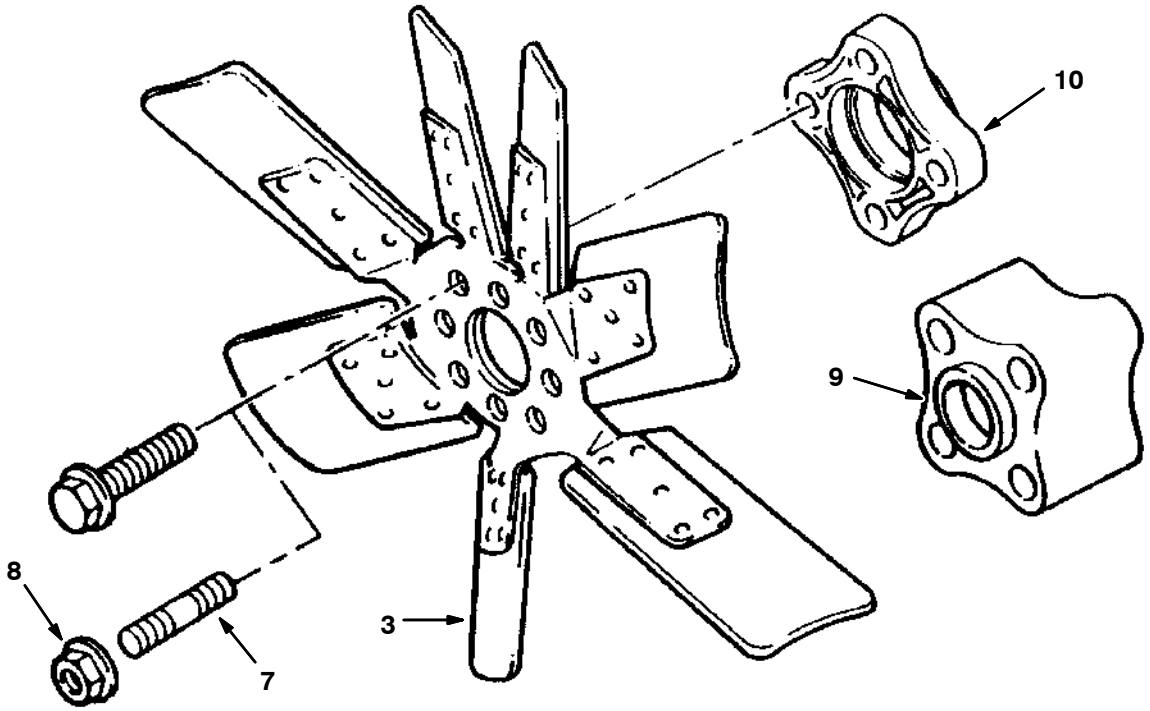
Fig. 11 - Fan Drive Group



352398

Ref.	Tennant Part No.	Perkins Part Number	Description	Qty.
1	765056	4113H074	HOUSING	1
6	764418	2314J015	SCREW	4
7	766649	2614B659	BELT, FAN	1
8	766656	3115C111	PULLEY	1

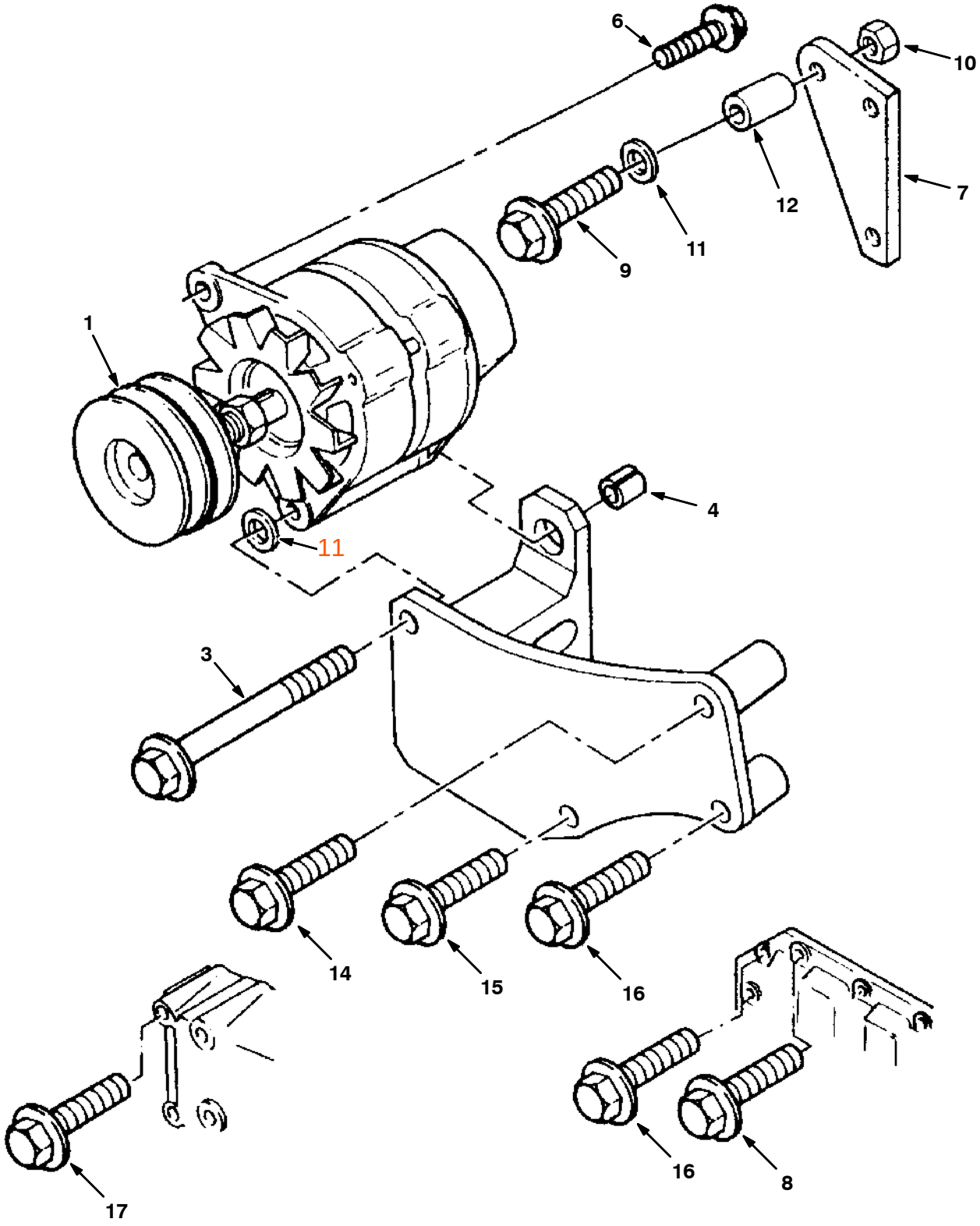
Fig. 12 - Fan Group



352412

Ref.	Tennant Part No.	Perkins Part Number	Description	Qty.
3	767601	2485C517	FAN	1
7	765060	2313H229	STUD	4
8	765061	2318D208	NUT	4
9	765062	3748W223	EXTENSION	1
10	764608	3748W202	EXTENSION	1

Fig. 13 - Alternator Group

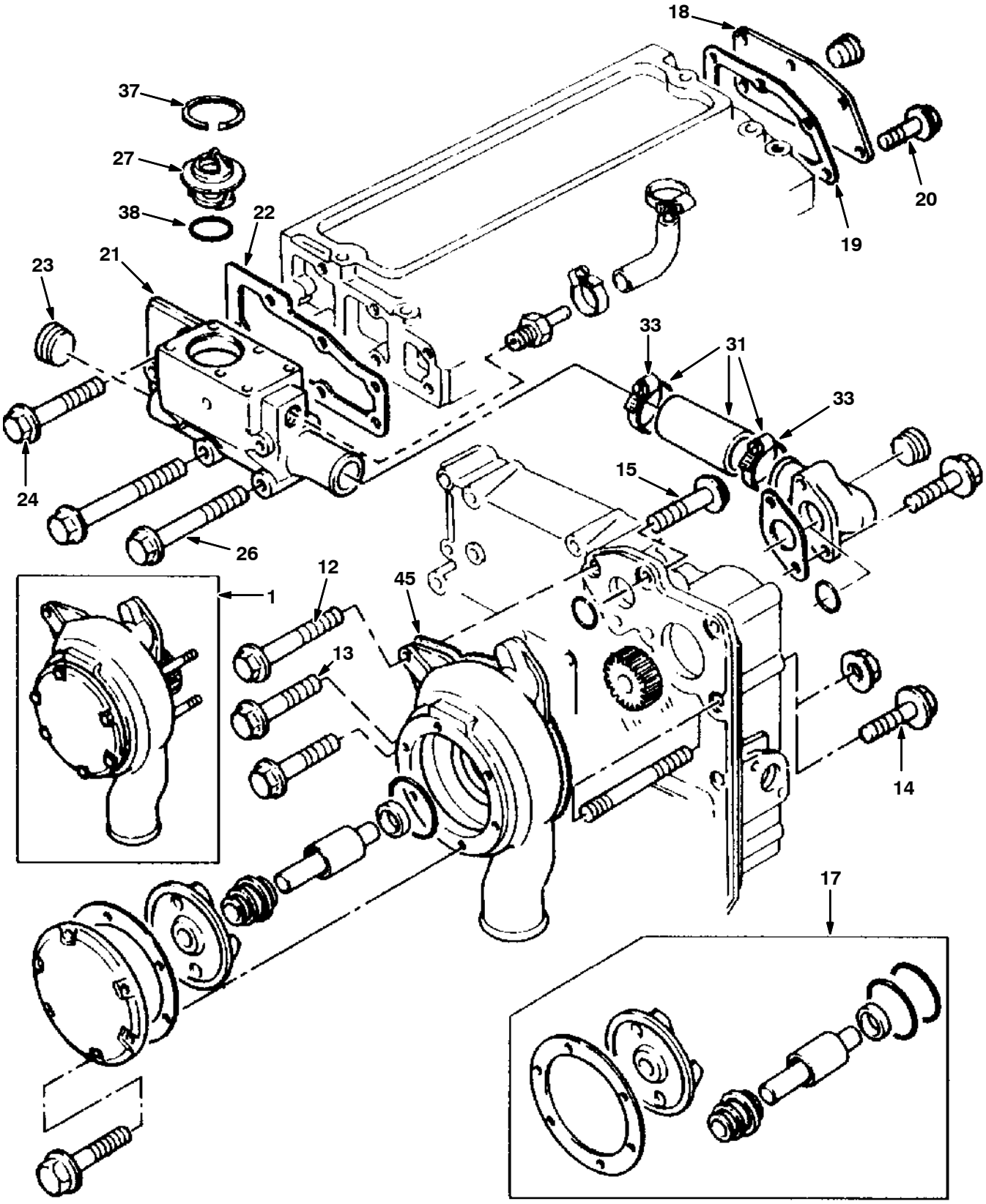


352414

Fig. 13 - Alternator Group

Ref.	Tennant Part No.	Perkins Part Number	Description	Qty.
1	766692	18900009	PULLEY, ALTERNATOR	1
3	764418	2314J015	SCREW	1
4	764618	3318H105	SLEEVE	1
6	764409	2314H003	SCREW	1
7	764907	U3623T012	BRACKET	1
8	764575	2314H005	SCREW	1
9	766642	2314J007	SCREW	1
10	764936	2318D240	NUT	1
11	764613	2131A010	WASHER	1
12	764972	3312K026	SPACER	1
14	764636	2314J006	SCREW	2
15	766641	2314H018	SCREW	1
16	764609	2314K159	SCREW	2
17	764560	2314H013	SCREW	2

Fig. 14 - Water Pump Group

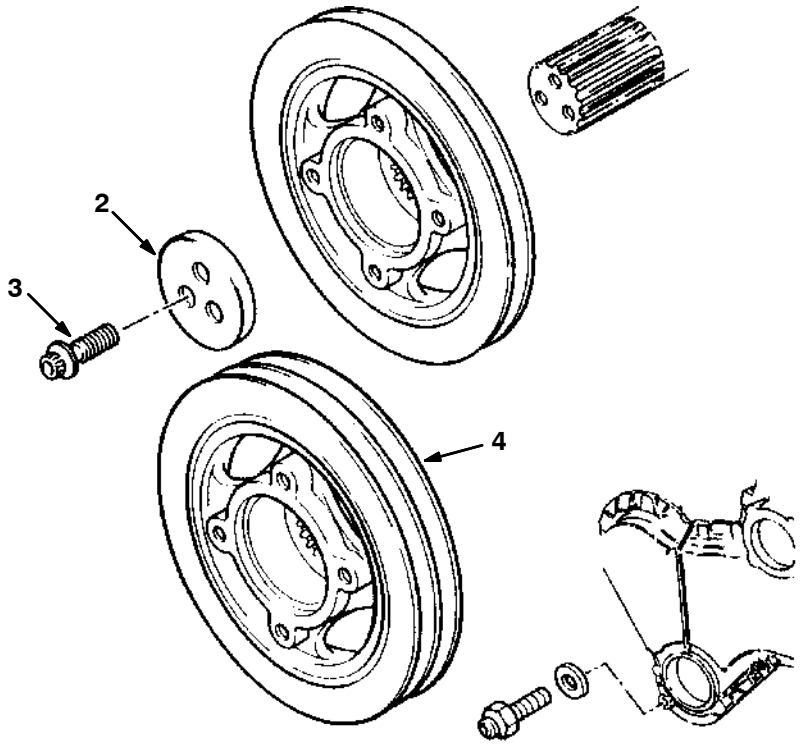


352408

Fig. 14 - Water Pump Group

	Ref.	Tennant Part No.	Perkins Part Number	Description	Qty.
	1	766629	U5MW0164	PUMP, WATER	1
	12	764414	2314H017	SCREW	3
	12	764609	2314K159	SCREW	1
	13	764747	2314H034	SCREW	3
	14	766640	2314H012	SCREW	2
	15	370806	2314K166	SCREW	1
	17	766630	U7LW0161	KIT, REPAIR, WATER PUMP	1
	18	766671	3623H024	COVER	1
	19	764909	U3685R009	JOINT	1
	20	764408	2314H002	SCREW	3
	21	766677	3771K251	HOUSING	1
	22	765006	3686D007	JOINT	1
	23	764425	2431154	PLUG	1
	24	764620	2314K161	SCREW	3
	26	764412	2314H008	SCREW	3
	27	764941	2485C025	THERMOSTAT	1
▽	31	764918	U5MH0056	KIT, HOSE	1
▲	33	764929	21825198	CLIP	2
	37	764983	3381J005	RING	1
	38	764938	2415A090	O-RING	1
	45	765008	3687Y016	JOINT	1

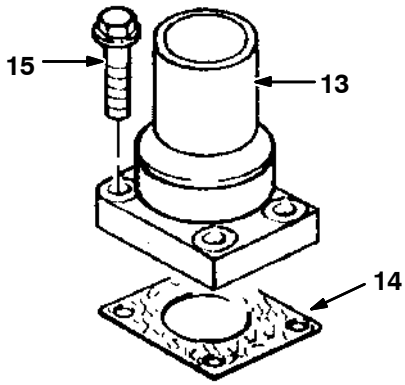
Fig. 15 - Front End Drive Input Group



352406

Ref.	Tennant Part No.	Perkins Part Number	Description	Qty.
2	764776	3241N001	BLOCK	1
3	764777	32186137	BOLT	3
4	764778	3115T051	PULLEY, CRANK	1

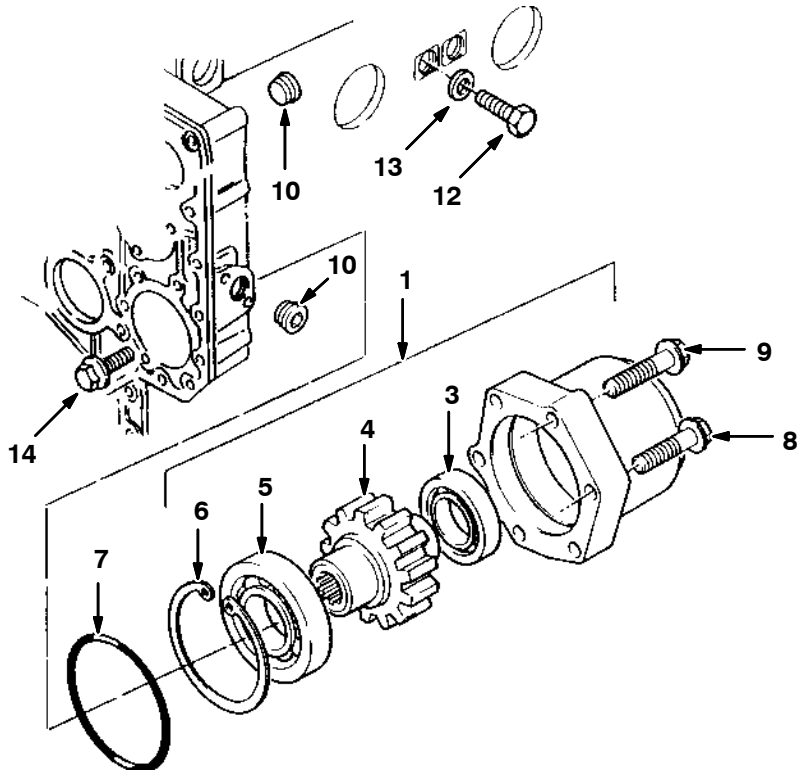
Fig. 16 - Water Outlet Group



352410

Ref.	Tennant Part No.	Perkins Part Number	Description	Qty.
13	765016	3766P411	CONNECTION	1
14	765003	3684N017	JOINT	1
15	764409	2314H003	SCREW	4

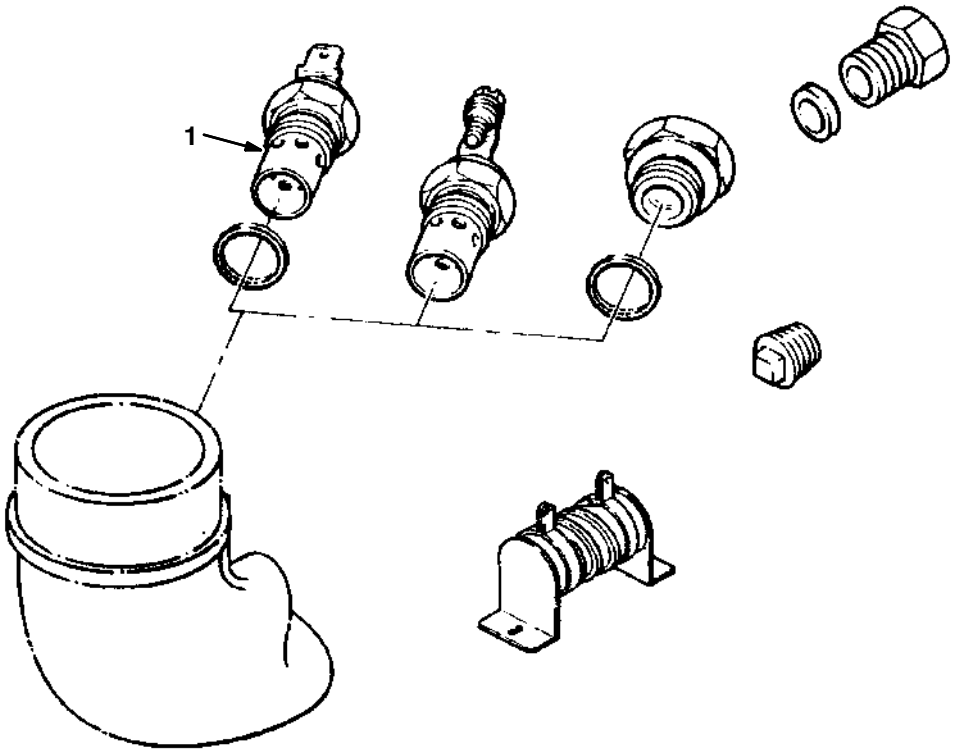
Fig. 17 - Gear Drive Group



352416

	Ref.	Tennant Part No.	Perkins Part Number	Description	Qty.
▽	1	764624	4113H068	ADAPTOR	1
▲	3	764625	2521A207	BEARING, BALL	1
▲	4	764626	3117C116	GEAR, HYD PUMP	1
▲	5	764627	2521A415	BEARING, BALL	1
▲	6	764628	2721A537	CIRCLIP	1
	7	764629	2415B167	O-RING	1
	8	764630	2311D578	SCREW	1
	9	764631	2311D559	SCREW	5
	10	764425	2431154	PLUG	2
	12	764632	2314C049	SCREW	1
	13	764633	0920155	WASHER	1
	14	764417	2314J004	SCREW	1

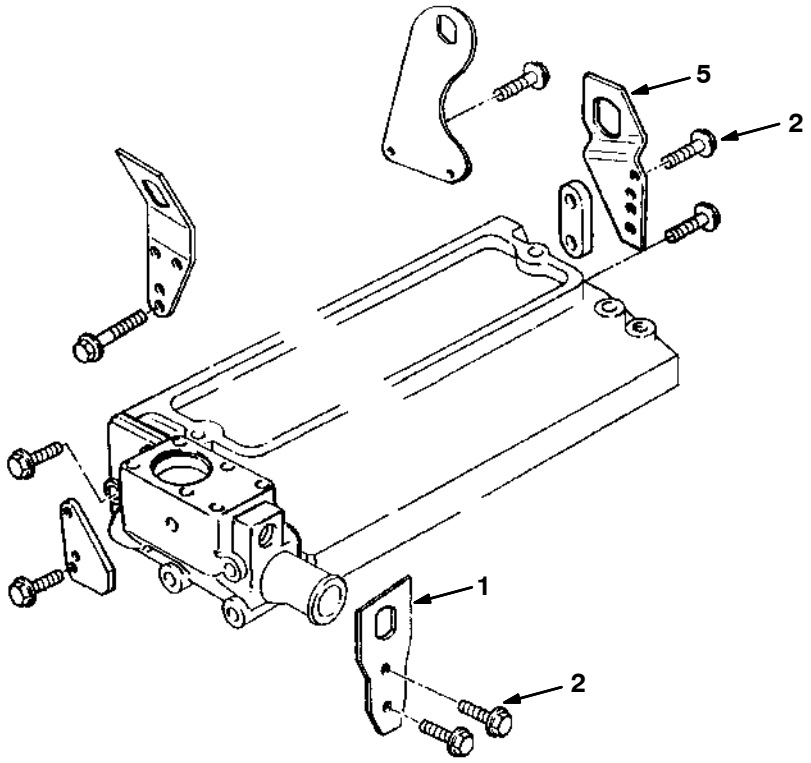
Fig. 18 - Intake Heater Group



352430

Ref.	Tennant Part No.	Perkins Part Number	Description	Qty.
1	764634	2666108	INTAKE HEATER	1

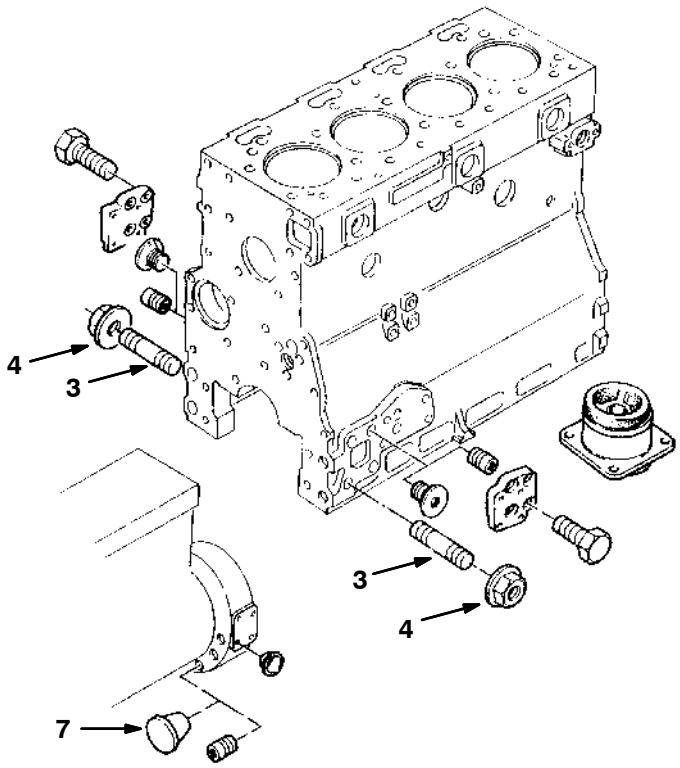
Fig. 19 - Engine Lifting Group



352432

Ref.	Tennant Part No.	Perkins Part Number	Description	Qty.
1	764908	U3648C008	PLATE	1
2	764416	2314J003	SCREW	4
5	764993	3654W007	PLATE	1

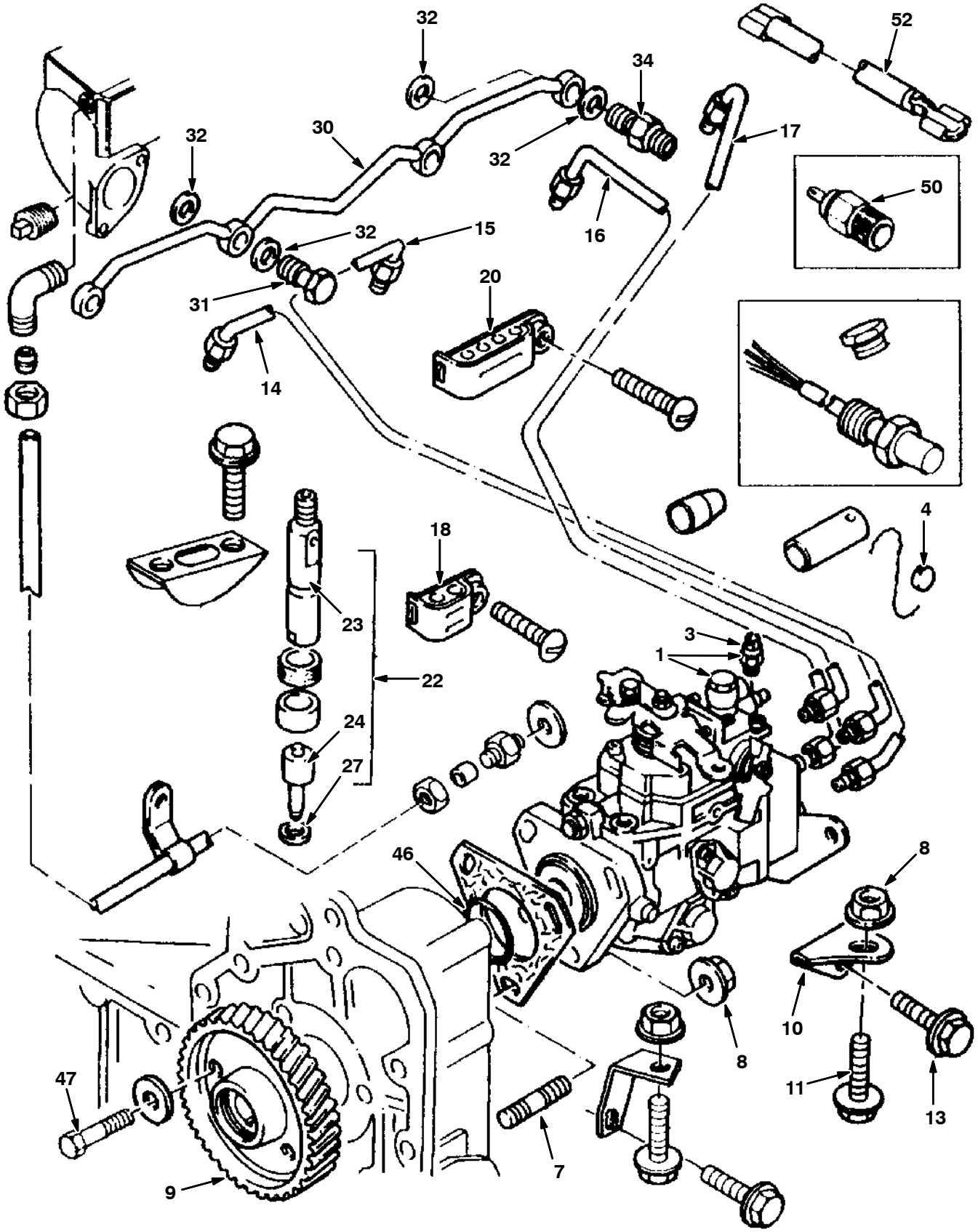
Fig. 20 - Mounting Group



352438

Ref.	Tennant Part No.	Perkins Part Number	Description	Qty.
3	764639	2313M101	STUD	8
4	764640	2318A605	NUT	8
7	764641	2487208	PLUG	10

Fig. 21 - Fuel Injection Group

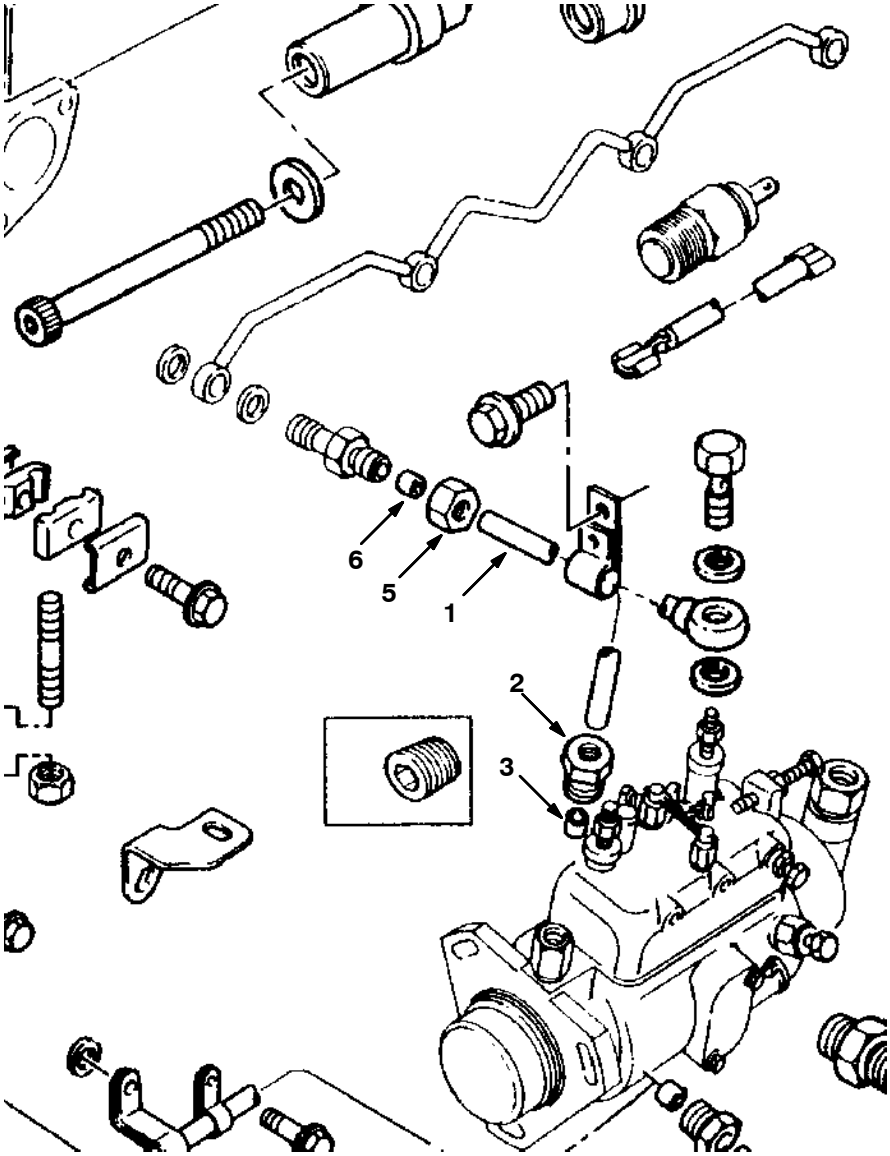


352388

Fig. 21 - Fuel Injection Group

	Ref.	Tennant Part No.	Perkins Part Number	Description	Qty.
▽	1	766601	U2644G701	PUMP, INJECTION, FUEL	1
▲		766693		PIPE	1
▲		766694		WASHER, SEALING	1
▲		766695		OLIVE	1
▲	3	764657	28730179	SOLENOID	1
	4	766654	2648A116	CAP	1
	7	766662	3211P004	STUD	3
	8	764421	2318A603	NUT	4
	9	766657	3117L212	GEAR, FUEL PUMP	1
	10	764992	3644Y004	BRACKET	1
	11	764409	2314H003	SCREW	1
	13	764415	2314J002	SCREW	1
	14	766684	3521H065	PIPE, FUEL, INJECTION #1	1
	15	766685	3521H066	PIPE, FUEL, INJECTION #2	1
	16	766686	3521H067	PIPE, FUEL, INJECTION #3	1
	17	766687	3521H068	PIPE, FUEL, INJECTION #4	1
	18	766653	2646E017	CLIP	2
	20	764670	2646E019	CLIP	1
▽	22	766602	U2645A058	NOZZLE, ADJ	4
▲	23	766651	2645A311	HOLDER	1
▲	24	766652	2645K609	NOZZLE	1
▲	27	369259	L311FF02	WASHER	4
	30	764988	3558X051	LEAK-OFF PIPE	1
	31	764981	3355V002	BOLT	1
	32	764970	3311A001	WASHER	8
	34	764962	3218R005	CONNECTION	3
	46	766650	26420318	O-RING	1
	47	764408	2314H002	SCREW	4
	50	766655	2755A009	SEND-UNIT	1
	52	766659	3162A001	WIRE	1

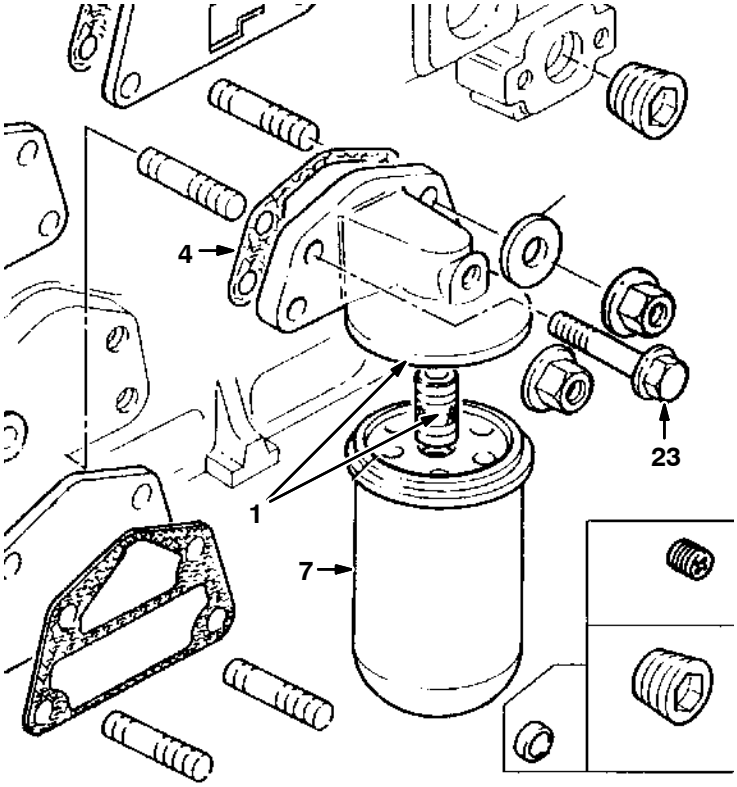
Fig. 22 - Fuel Injection Line Group



352386

Ref.	Tennant Part No.	Perkins Part Number	Description	Qty.
1	766678	4121C057	PIPE, AIR	1
2	764676	3353D004	NUT	1
3	764823	3381A002	OLIVE	1
5	764432	33225412	UNION NUT	1
6	764433	33811112	OLIVE	1

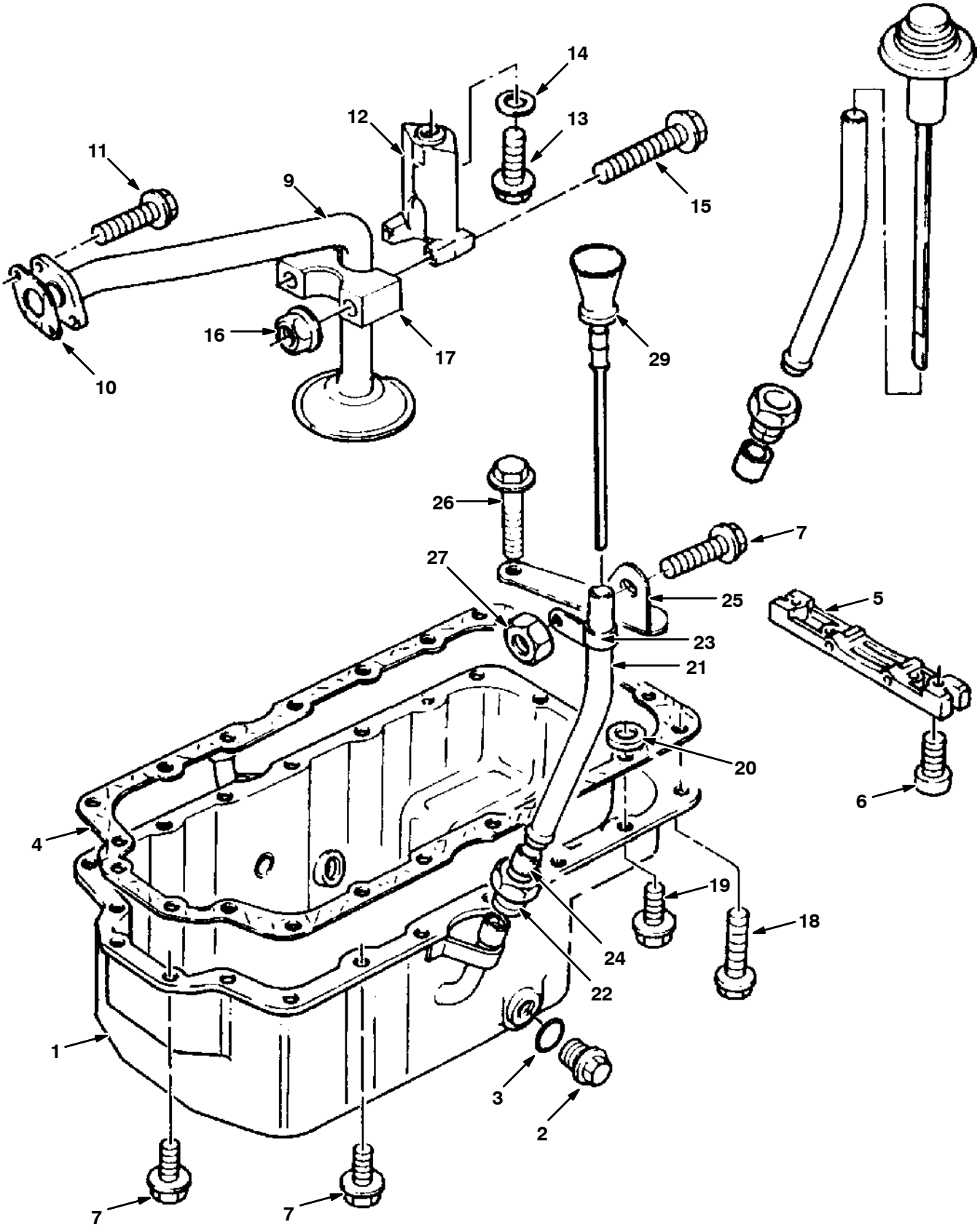
Fig. 23 - Lubricating Oil Filter and Integral Oil Cooler Group



352404

Ref.	Tennant Part No.	Perkins Part Number	Description	Qty.
1	764737	3773K003	FILTER HEAD	1
4	764877	3687W008	JOINT	1
7	52770-5	2654403	OIL FILTER	1
23	764419	2314J034	SCREW	4

Fig. 24 - Lubricating Oil Sump Group

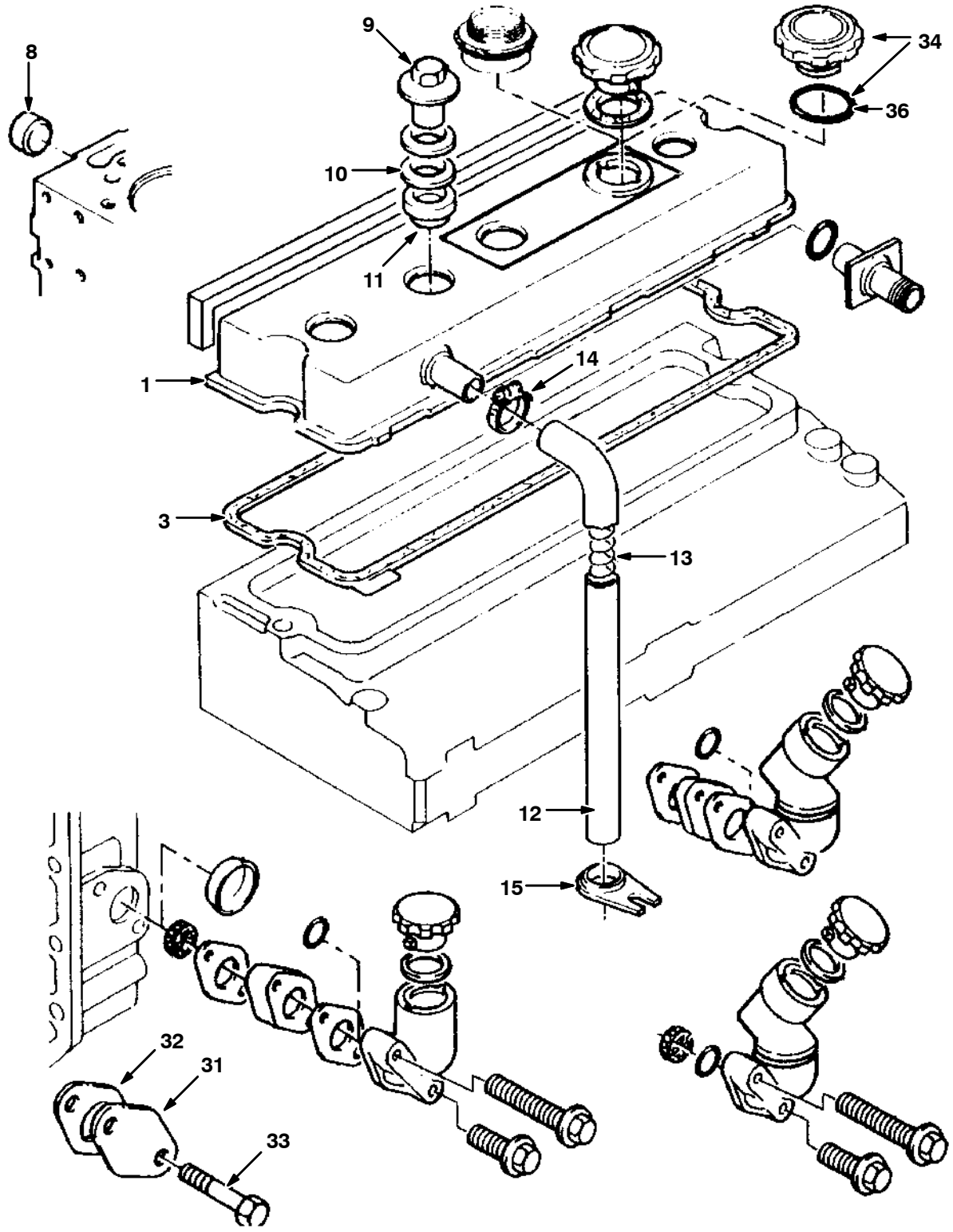


352400

Fig. 24 - Lubricating Oil Sump Group

Ref.	Tennant Part No.	Perkins Part Number	Description	Qty.
1	764701	3717Y002	SUMP	1
2	764702	2487A020	PLUG	2
3	764703	2415715	O-RING	2
4	764868	3681K005	JOINT	1
5	765057	3627P023	BRIDGE PIECE	1
6	764707	2311D039	SCREW	2
7	764408	2314H002	SCREW	18
9	764709	3575A018	PIPE, OIL	1
10	764888	36832137	JOINT	1
11	764710	2314H007	SCREW	2
12	764711	3824A021	BRACKET	1
13	764410	2314H004	SCREW	1
14	764712	0330807	SPACER	1
15	764713	2314F016	SCREW	2
16	764714	2318D802	NUT	2
17	763870	3735A011	CLAMP	1
18	764719	2314H031	SCREW	2
19	764409	2314H003	SCREW	1
20	764720	0920460	SPACER	1
21	765058	4126X091	TUBE	1
22	764716	3353D005	NUT	1
23	766672	3656P009	CLIP	1
24	764717	33812116	OLIVE	1
25	765059	3823D024	BRACKET	1
26	763886	2314J001	SCREW	1
27	764421	2318A603	NUT	1
29	370702	3178C126	DIPSTICK	1

Fig. 25 - Lubricating Oil Filler and Breather Group

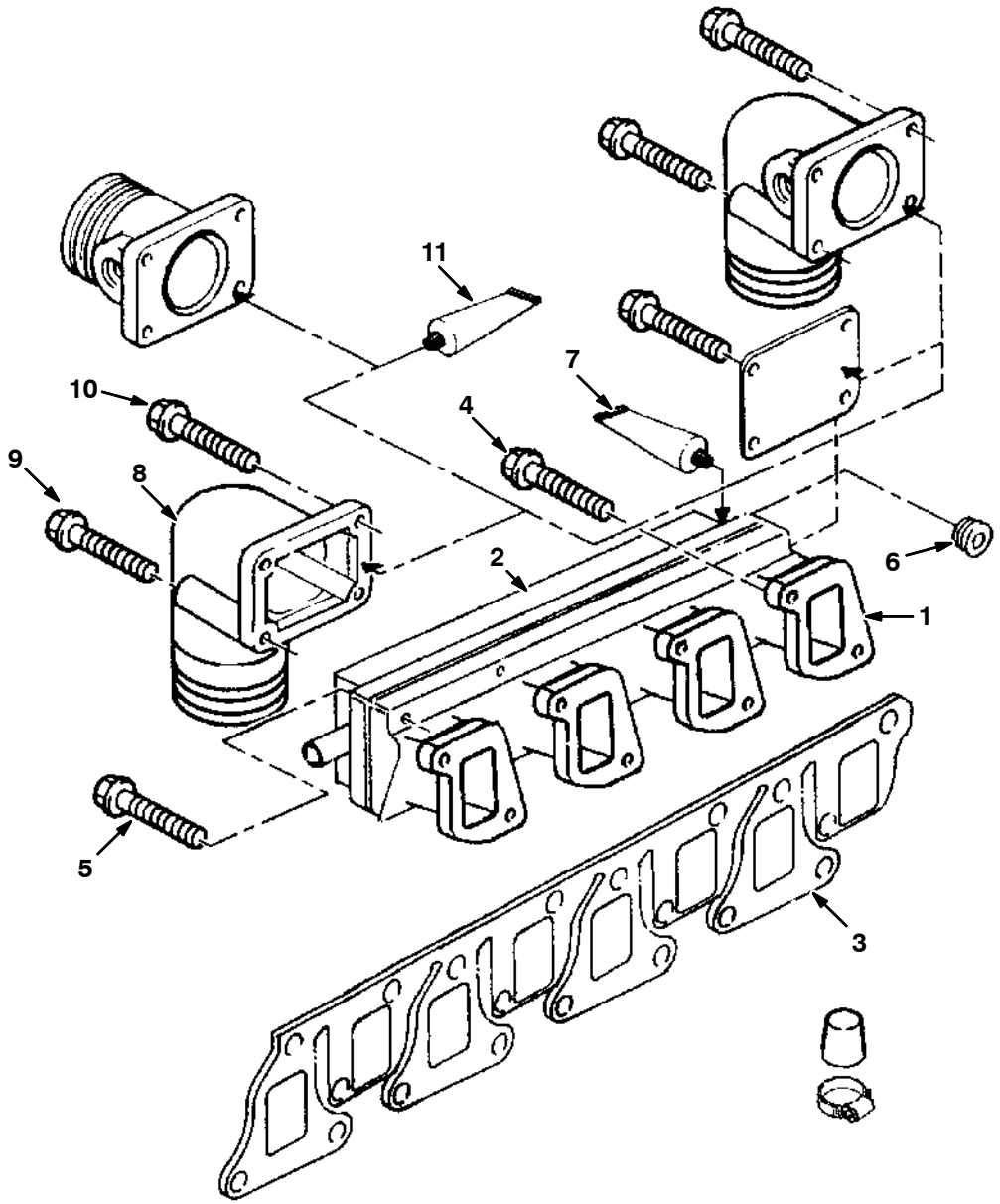


352402

Fig. 25 - Lubricating Oil Filler and Breather Group

	Ref.	Tennant Part No.	Perkins Part Number	Description	Qty.
	1	766620	U4142X125	COVER, CYL HEAD	1
	3	766616	U3688X011	GASKET	1
	8	764965	32416118	PLUG	1
	9	764968	3274P003	NUT	1
	10	369003	0920009	WASHER	3
	11	369211	33817135	SEAL	3
	12	764726	33872525	PIPE, BREATHER	3
	13	766660	3175P003	SPRING	1
	14	763879	2481877	HOSE CLIP	1
	15	764728	36241123	BRACKET	1
	31	764730	3617A001	PLATE	1
	32	765001	3683H006	JOINT	1
	33	764409	2314H003	SCREW	2
▽	34	764733	4142X099	CAP AND SEAL	1
▲	36	764734	2415731	O-RING	1

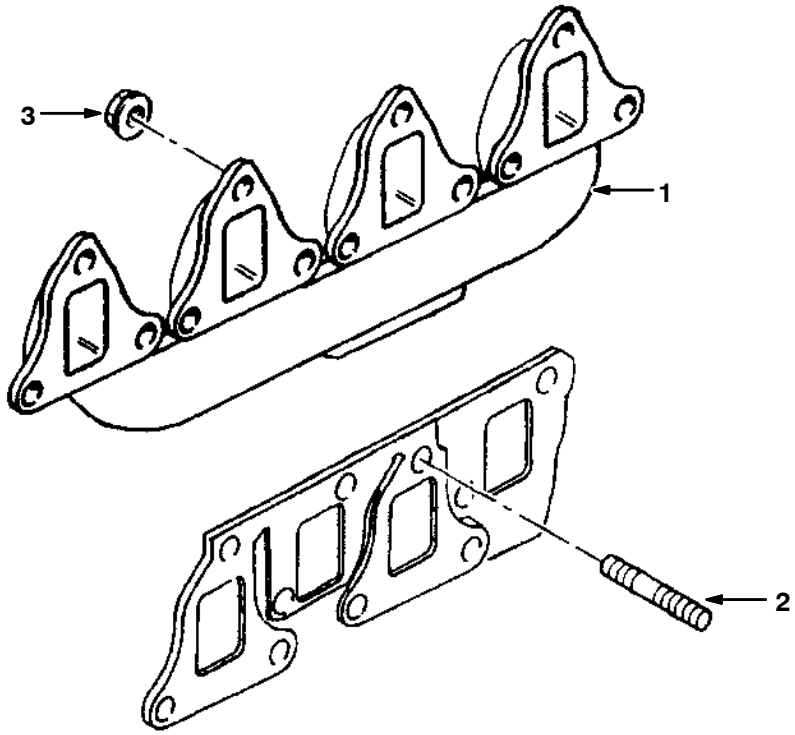
Fig. 26 - Induction Manifold Group



352418

Ref.	Tennant Part No.	Perkins Part Number	Description	Qty.
1	766618	U3777R111	MANIFOLD, INDUCTION	1
2	766617	U3777R092	MANIFOLD, INDUCTION	1
3	766615	U3681V012	GASKET	1
4	766645	2316A317	SCREW	8
5	766644	2316A117	SCREW	8
6	764785	2431131	PLUG	1
6	766661	3211P002	PLUG	1
7	766674	3681X001	SEALANT	1
8	766676	3766T073	ELBOW	1
9	764410	2314H004	SCREW	2
10	764414	2314H017	SCREW	2
11	766675	3681X002	SEALANT	1

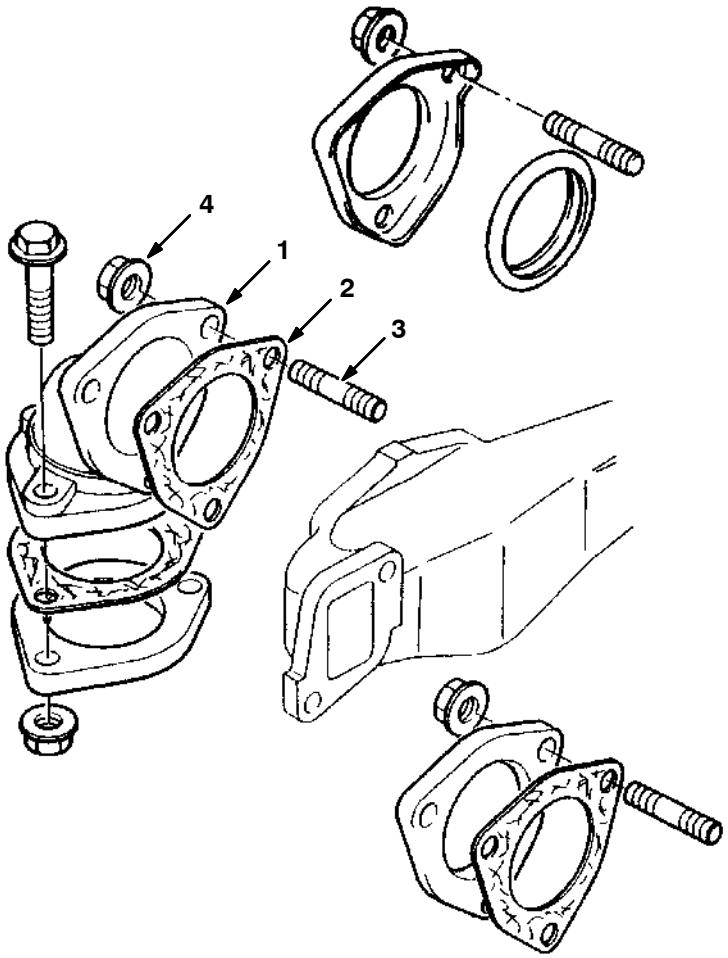
Fig. 27 - Exhaust Manifold Group



352420

Ref.	Tennant Part No.	Perkins Part Number	Description	Qty.
1	766619	U3778E111	MANIFOLD, EXHAUST	1
2	766663	3211P018	STUD	12
3	766646	2318A734	NUT	12

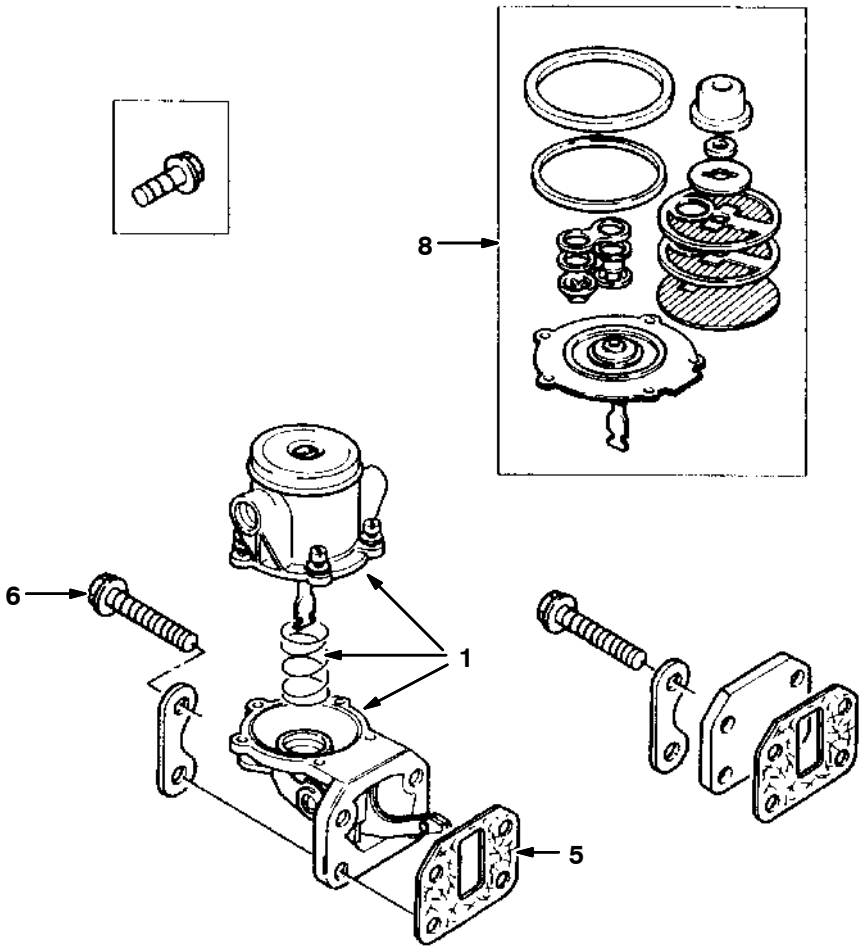
Fig. 28 - Exhaust Flange Group



352422

Ref.	Tennant Part No.	Perkins Part Number	Description	Qty.
1	761825	3767A011	ELBOW	1
2	764790	3681V502	GASKET	1
3	766639	2313C078	STUD	3
4	764423	2318A634	NUT	3

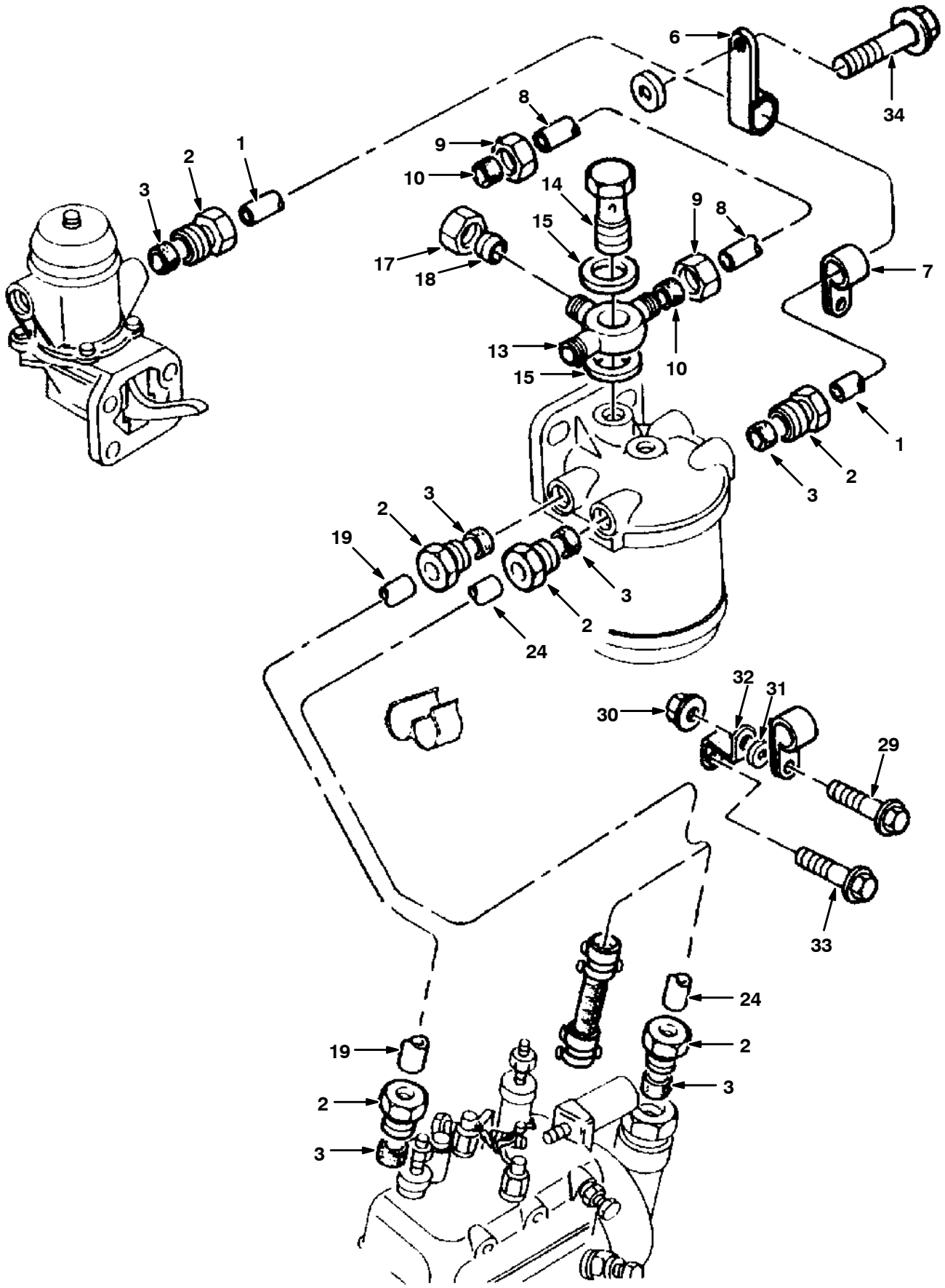
Fig. 29 - Fuel Pump Group



352426

Ref.	Tennant Part No.	Perkins Part Number	Description	Qty.
1	763916	ULPK0005	LIFT PUMP	1
5	21796	36851123	JOINT	1
6	764794	2314H033	SCREW	4
8	763917	ULPR0001	KIT, REPAIR	1

Fig. 30 - Low Pressure Fuel Group

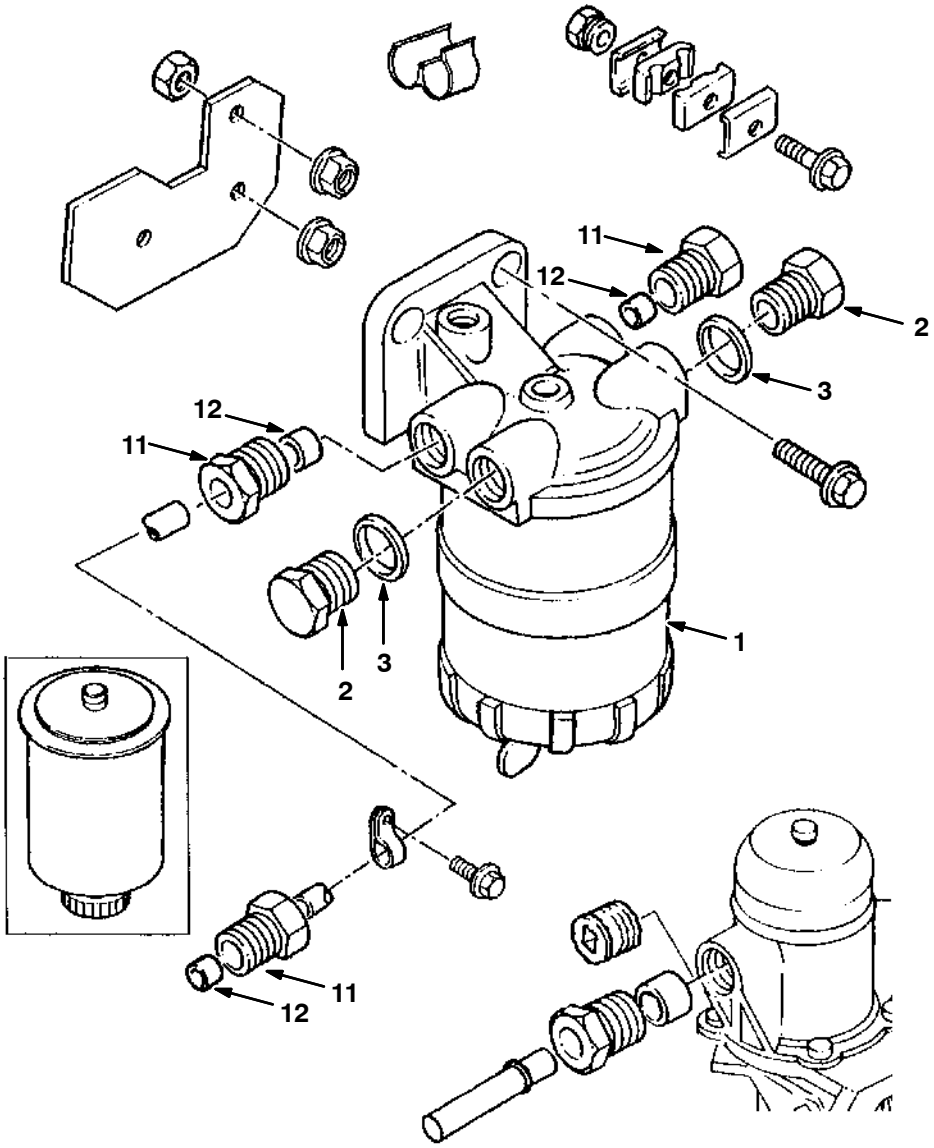


352424

Fig. 30 - Low Pressure Fuel Group

Ref.	Tennant Part No.	Perkins Part Number	Description	Qty.
1	766682	4125T011	PIPE	1
2	30063	33532129	NUT	6
3	32590	33811114	OLIVE	6
6	764994	3656P004	CLIP	1
7	764995	3656P008	CLIP	1
8	766670	3435P019	PIPE, FUEL	1
9	764432	33225412	UNION NUT	2
10	764433	33811112	OLIVE	2
13	764960	3172X004	CONNECTION	1
14	764963	3218R013	BOLT	1
15	766647	2415928	WASHER	2
17	764803	0576112	NUT	1
18	764804	0566003	OLIVE	1
19	766679	4122M012	PIPE	1
24	766680	4122T008	PIPE	1
29	764813	2314F006	SCREW	1
30	764814	2318A602	NUT	1
31	763921	0920496	WASHER	1
32	764811	3653R002	BRACKET	1
33	764812	2314F002	SCREW	1
34	764409	2314H003	SCREW	1

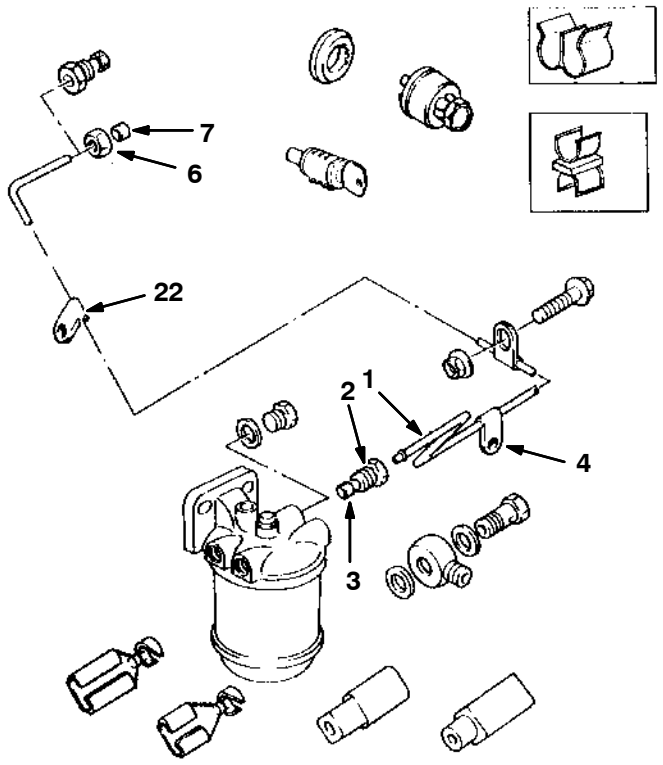
Fig. 31 - Fuel Pre-Lift Pump Group



352498

Ref.	Tennant Part No.	Perkins Part Number	Description	Qty.
1	764947	2656F810	FILTER	1
32436 2	~~764840~~	0650204	PLUG	2
32435 3	~~764841~~	0920154	WASHER	2
11	30063	33532129	NUT	3
12	764839	0566004	OLIVE	3
	764950	26560145	ELEMENT	1

Fig. 32 - Fuel Line Group



352440

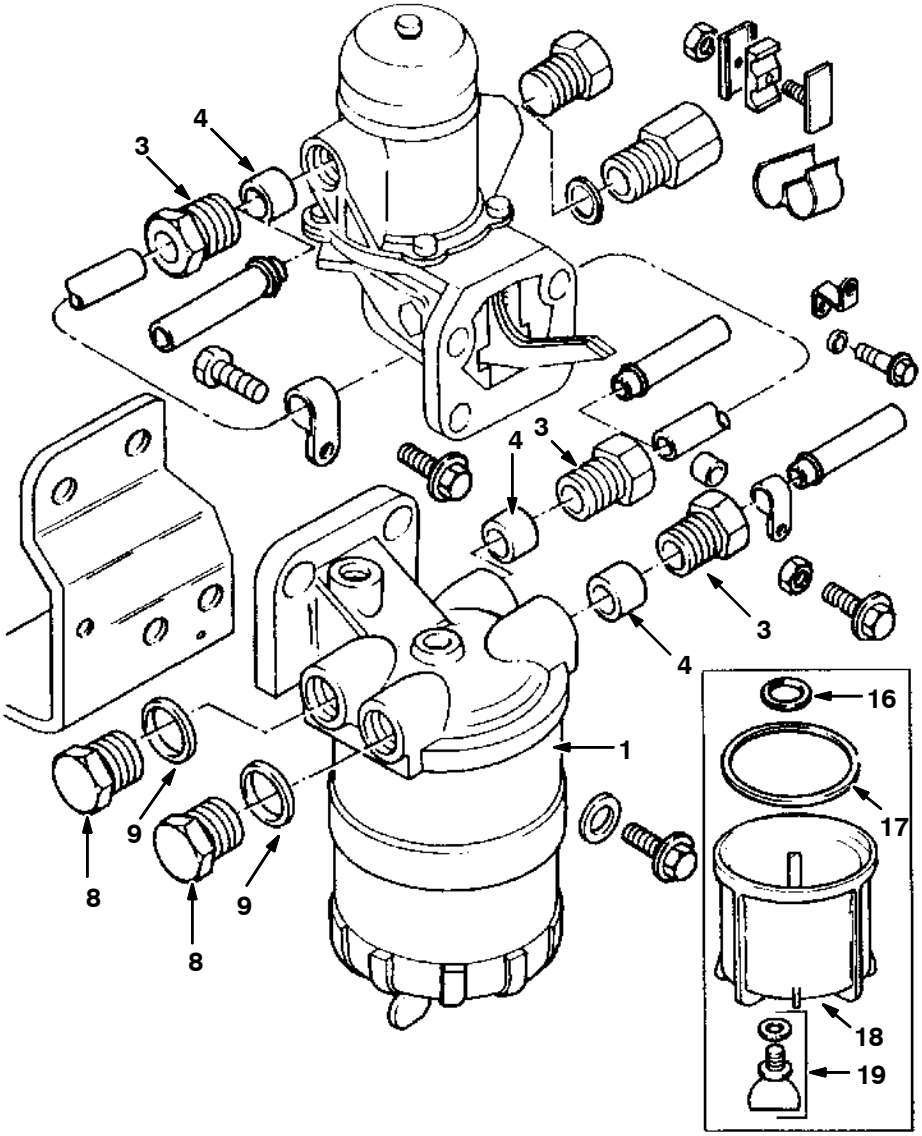
Ref.	Tennant Part No.	Perkins Part Number	Description	Qty.
1	766681	4124E177	PIPE	1
2	764822	33532148	NUT	1
3	764823	3381A002	OLIVE	1
4	764996	36568132	CLIP	1
6	764432	33225412	UNION NUT	1
7	764433	33811112	OLIVE	1
22	766673	3656X014	CLIP	1

Fig. 33 - Adaptor Group

352444

Ref.	Tennant Part No.	Perkins Part Number	Description	Qty.
1	764655	33552414	ADAPTOR	2

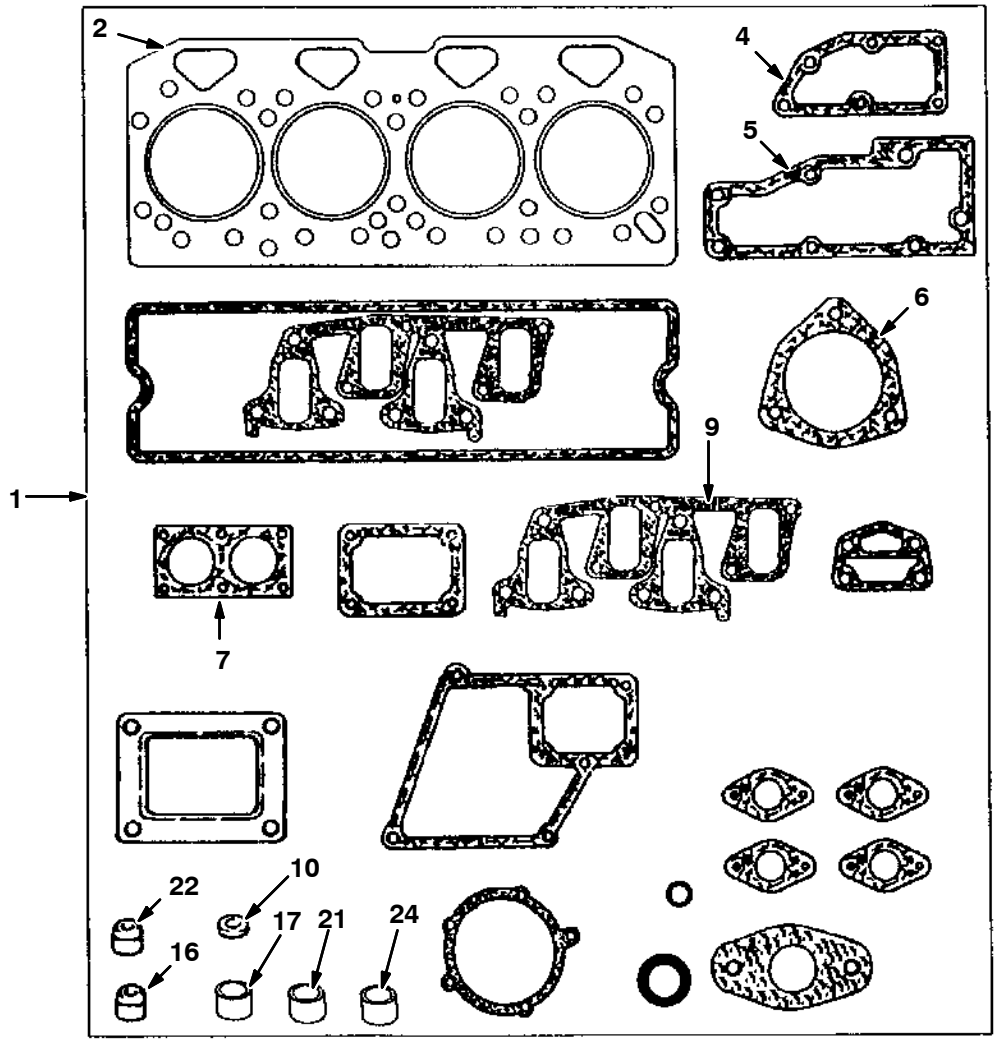
Fig. 34 - Fuel Pre-Lift Pump Group



352442

Ref.	Tennant Part No.	Perkins Part Number	Description	Qty.
1	764837	2656086	FUEL FILTER	1
3	30063	33532129	NUT	3
4	764839	0566004	OLIVE	3
32436 8	~~764840~~	0650204	PLUG	2
32435 9	~~764841~~	0920154	WASHER	2
16	764842	26560016	WASHER	1
17	764843	0490786	JOINT	2
18	764844	26560075	CONTAINER	1
19	764845	26560614	PLUG	1

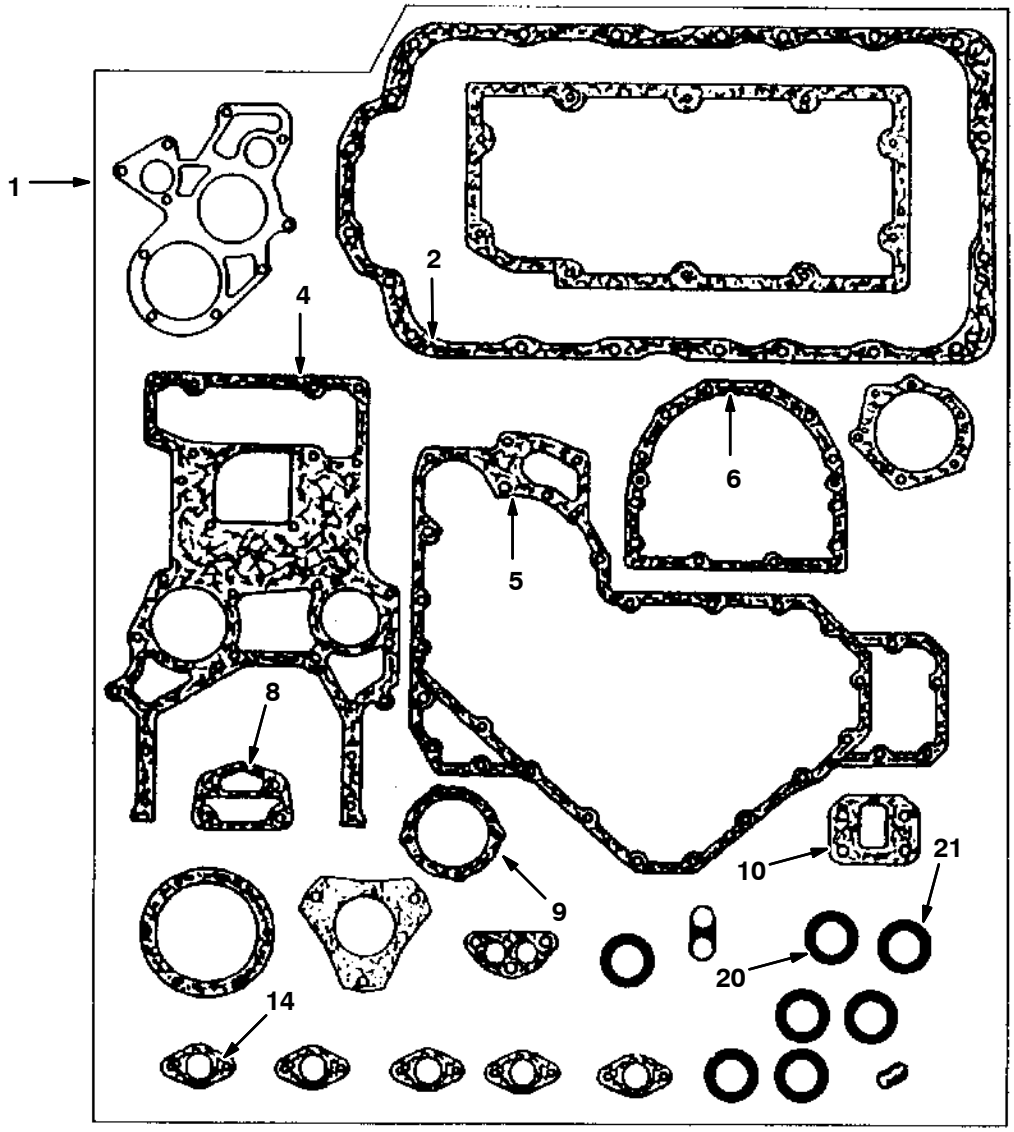
Fig. 35 - Top Gaskets Group



352446

	Ref.	Tennant Part No.	Perkins Part Number	Description	Qty.
▽	1	766628	U5LT1002	KIT, GASKET	1
▲	2	766614	U3681E039	GASKET, HEAD	1
▲	4	764909	U3685R009	GASKET	1
▲	5	765006	3686D007	JOINT	1
▲	6	765012	3688C018	JOINT	1
▲	6	761825	3767A011	ELBOW	1
▲	7	765003	3684N017	JOINT	1
▲	9	766615	U3681V012	GASKET	1
▲	10	764970	3311A001	WASHER	4
▲	16	766600	U2418M507	SEAL	4
▲	17	764433	33811112	OLIVE	1
▲	21	764804	0566003	OLIVE	1
▲	22	764900	U2418M505	SEAL	4
▲	24	32590	33811114	OLIVE	6

Fig. 36 - Bottom Gaskets Group



352448

	Ref.	Tennant Part No.	Perkins Part Number	Description	Qty.
▽	1	766624	U5LB0322	KIT, GASKET	1
▲	2	764868	3681K005	JOINT	1
▲	4	764871	3681P009	JOINT	1
▲	5	764999	3681P038	JOINT	1
▲	6	765040	3681T012	JOINT	1
▲	8	764877	3687W008	JOINT	1
▲	9	765001	3683H006	JOINT	1
▲	10	21796	36851123	JOINT	1
▲	14	764888	36832137	JOINT	1
▲	20	766650	26420318	JOINT	1
▲	21	765008	3687Y016	JOINT	1

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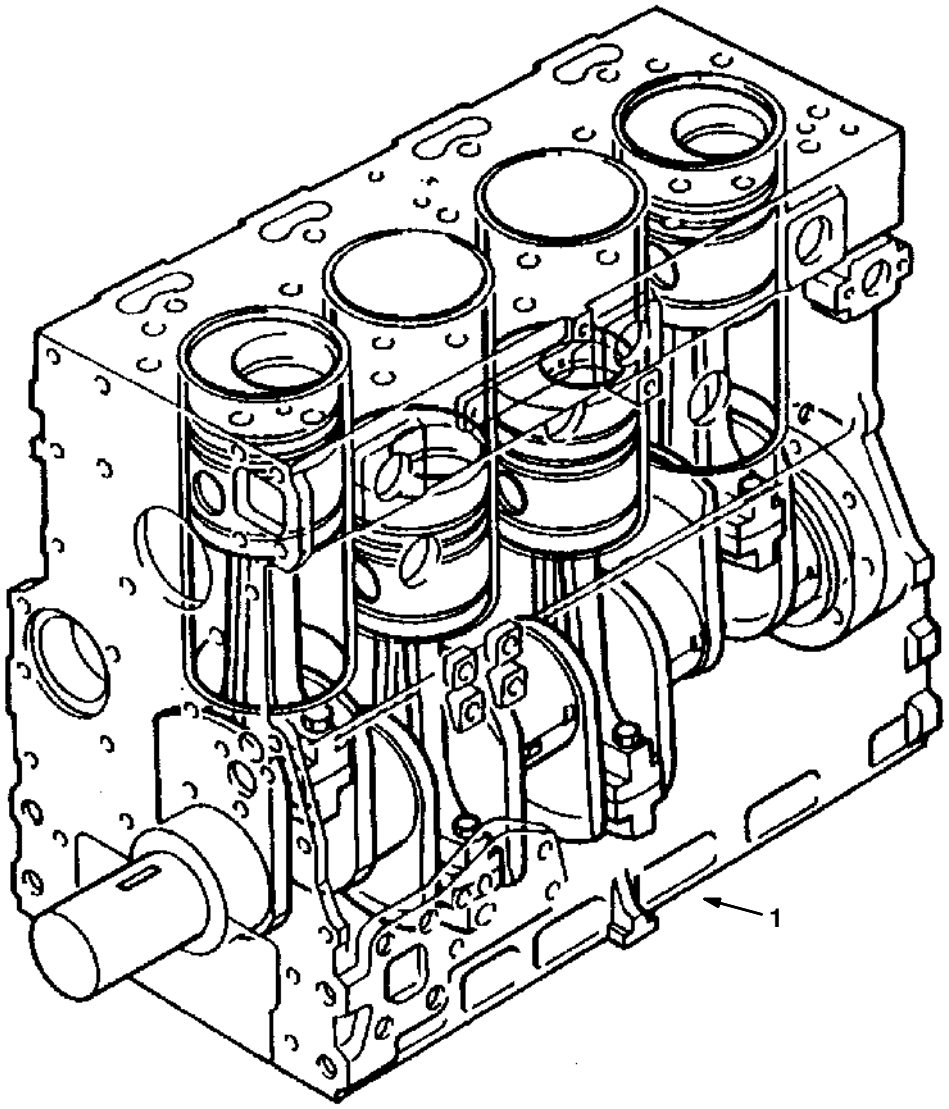
Fig. 1 - Engine Block Group

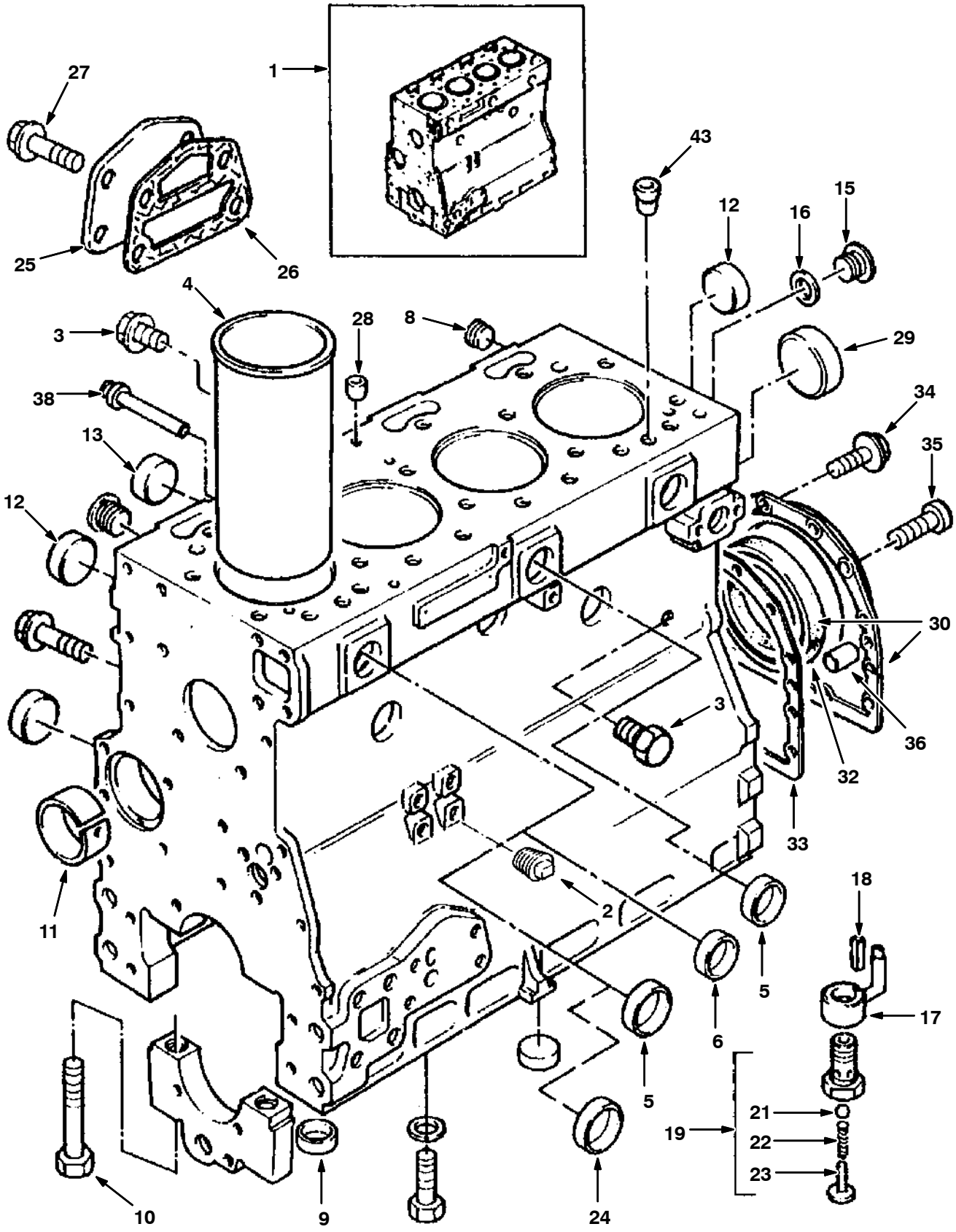


352462

Fig. 1 - Engine Block Group

Ref.	Tennant Part No.	Perkins Part Number	Description	Qty.
1	764899	AL39762	SHORT ENGINE	1
2	764921	ZZ50265	KIT, CYLINDER BLOCK	1
2	764956	3135X063	LINER	4
2	764923	ZZ90145	KIT, CRANKSHAFT	1
2	764915	U5LH0003	KIT, PISTON	4
2	764916	U5LL0024	KIT, PISTON	4
2	765033	4181A033	KIT, PISTON RING	4
2	764924	ZZ90170	KIT, CONROD	4
2	764484	81558	KIT, BEARING	10
2	763811	U5ME0006	KIT, BEARING	8
2	764492	31137551	TOP	2
2	764494	31137561	BOTTOM	2
2	764473	2418F475	SEAL	1
2	763802	4142V066	HOUSING	1

Fig. 2 - Cylinder Block Group

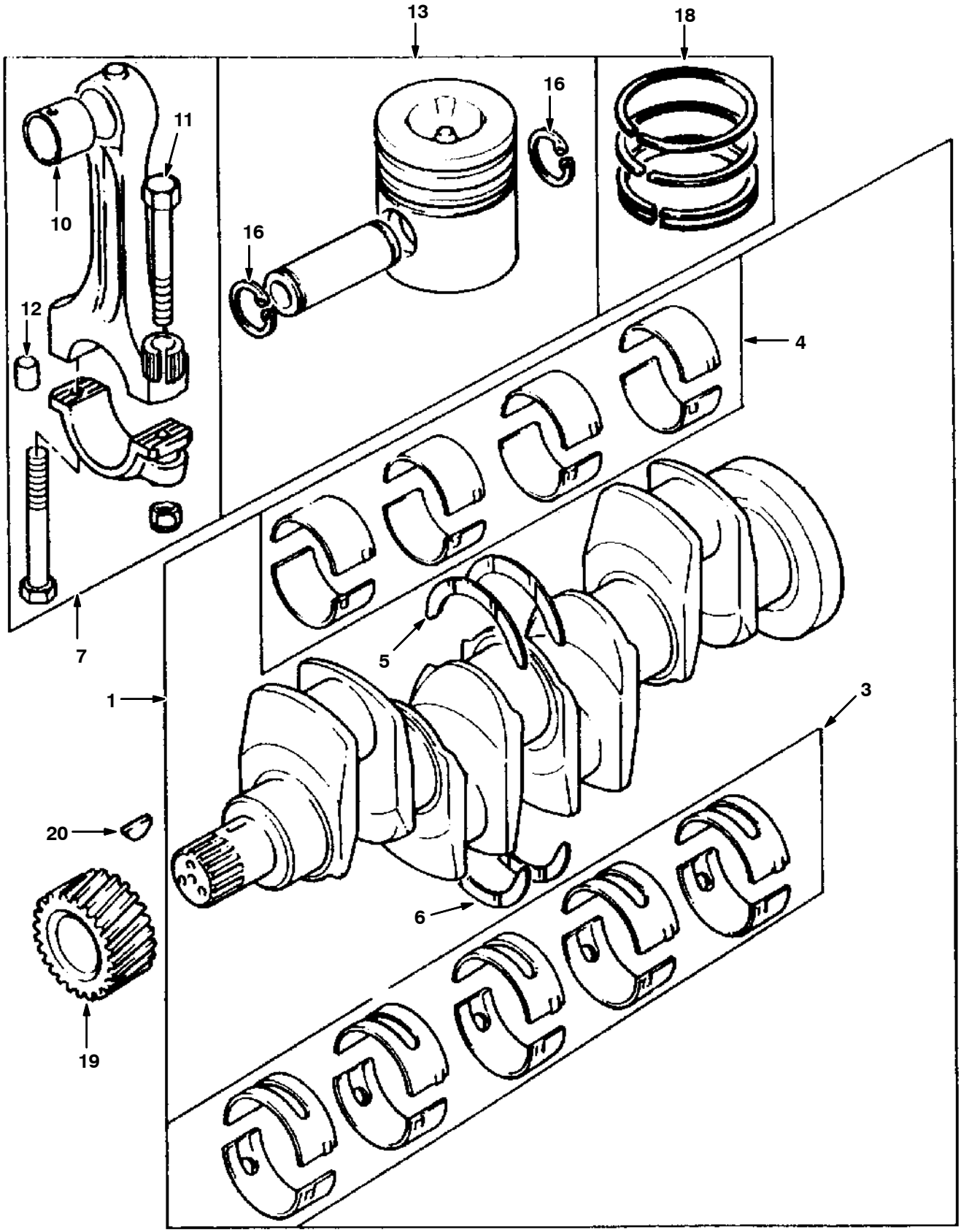


352464

Fig. 2 - Cylinder Block Group

	Ref.	Tennant Part No.	Perkins Part Number	Description	Qty.
	1	764921	ZZ50265	KIT, CYLINDER BLOCK	1
	2	763924	0650594	PLUG	2
	3	764836	32161114	PLUG	2
	4	764956	3135X063	LINER	4
	5	764404	0650710	PLUG	6
	6	764455	0650713	PLUG	1
	8	764403	0650588	PLUG	1
	9	764456	33142111	THIMBLE	10
	10	764461	32166329	BOLT	10
	11	764953	31134165	BUSHING	1
	12	764465	32418122	PLUG	6
	13	764965	32416118	PLUG	3
	15	764470	0650582	PLUG	1
	16	764471	3311R003	WASHER	1
	17	765036	4126X124	JET	4
	18	765034	2116A022	DOWEL	1
▽	19	763806	4138A017	VALVE	4
▲	21	763807	2538753	BALL	1
▲	22	763808	3174A004	SPRING	1
▲	23	763809	3271A003	RETAINER	1
	24	765035	32418124	PLUG	1
	25	764743	3623H008	PLATE	1
	26	764877	3687W008	JOINT	1
	27	764744	2314J033	SCREW	4
	28	764467	32417134	PLUG	1
	29	765039	32416119	PLUG	1
▽	30	763802	4142V066	HOUSING	1
▲	32	764473	2418F475	SEAL	1
	33	765040	3681T012	JOINT	1
	34	764409	2314H003	SCREW	12
	35	765038	3212V002	SCREW	2
	36	764478	0350009	DOWEL	2
	38	764466	2485A204	PLUG	1
	43	765037	29990001	DOWEL	2

Fig. 3 - Crankshafts, Pistons and Connecting Rods Group

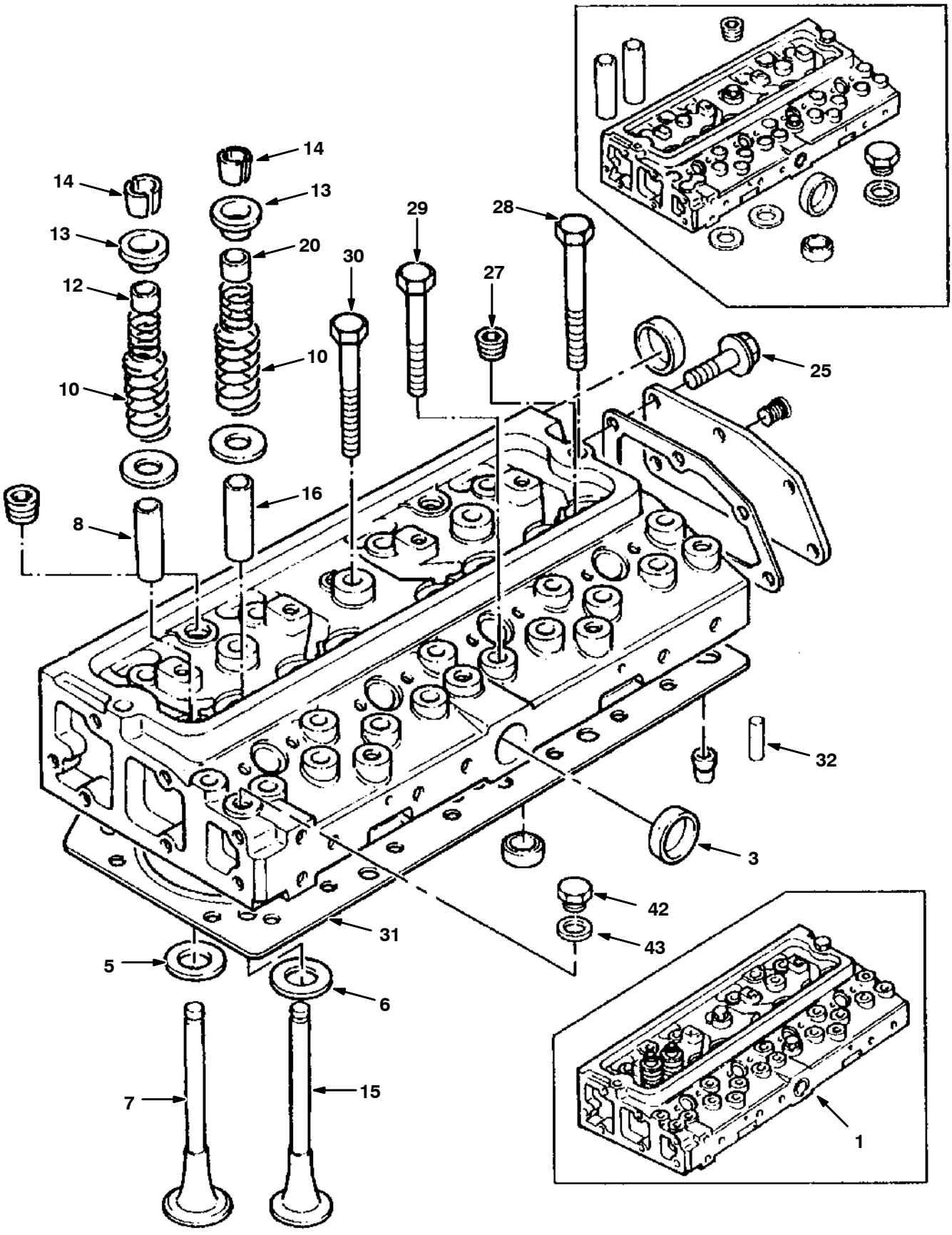


352376

Fig. 3 - Crankshafts, Pistons and Connecting Rods Group

	Ref.	Tennant Part No.	Perkins Part Number	Description	Qty.
▽	1	764923	ZZ90145	KIT, CRANKSHAFT	1
▲	3	764484	81558	KIT, BEARING	1
▲	3	764485	81558A	KIT, BEARING	1
▲	3	764486	81558B	KIT, BEARING	1
▲	3	764487	81558C	KIT, BEARING	1
▲	4	763811	U5ME0006	KIT, BEARING	1
▲	4	763812	U5ME0006A	KIT, BEARING	1
▲	4	763813	U5ME0006B	KIT, BEARING	1
▲	4	763814	U5ME0006C	KIT, BEARING	1
▲	5	764492	31137551	TOP	1
▲	5	764493	31137312	THRUST WASHER	1
▲	6	764494	31137561	BOTTOM	1
▲	6	764495	31137322	THRUST WASHER	1
▽	7	764924	ZZ90170	KIT, CONROD	4
▲	10	764952	3112E011	BUSHING	1
▲	11	764964	32186142	SCREW	2
▲	12	764966	3246A001	DOWEL	2
	13	764915	U5LH0003	KIT, PISTON	4
	13	764916	U5LL0024	KIT, PISTON	4
	16	764951	2721332	CIRCLIP	2
	18	765033	4181A033	KIT, PISTON RING	4
	19	764503	3117C061	GEAR, CRANKSHAFT	1
	20	764402	0500012	WOODRUFF KEY	1

Fig. 4 - Cylinder Head Group

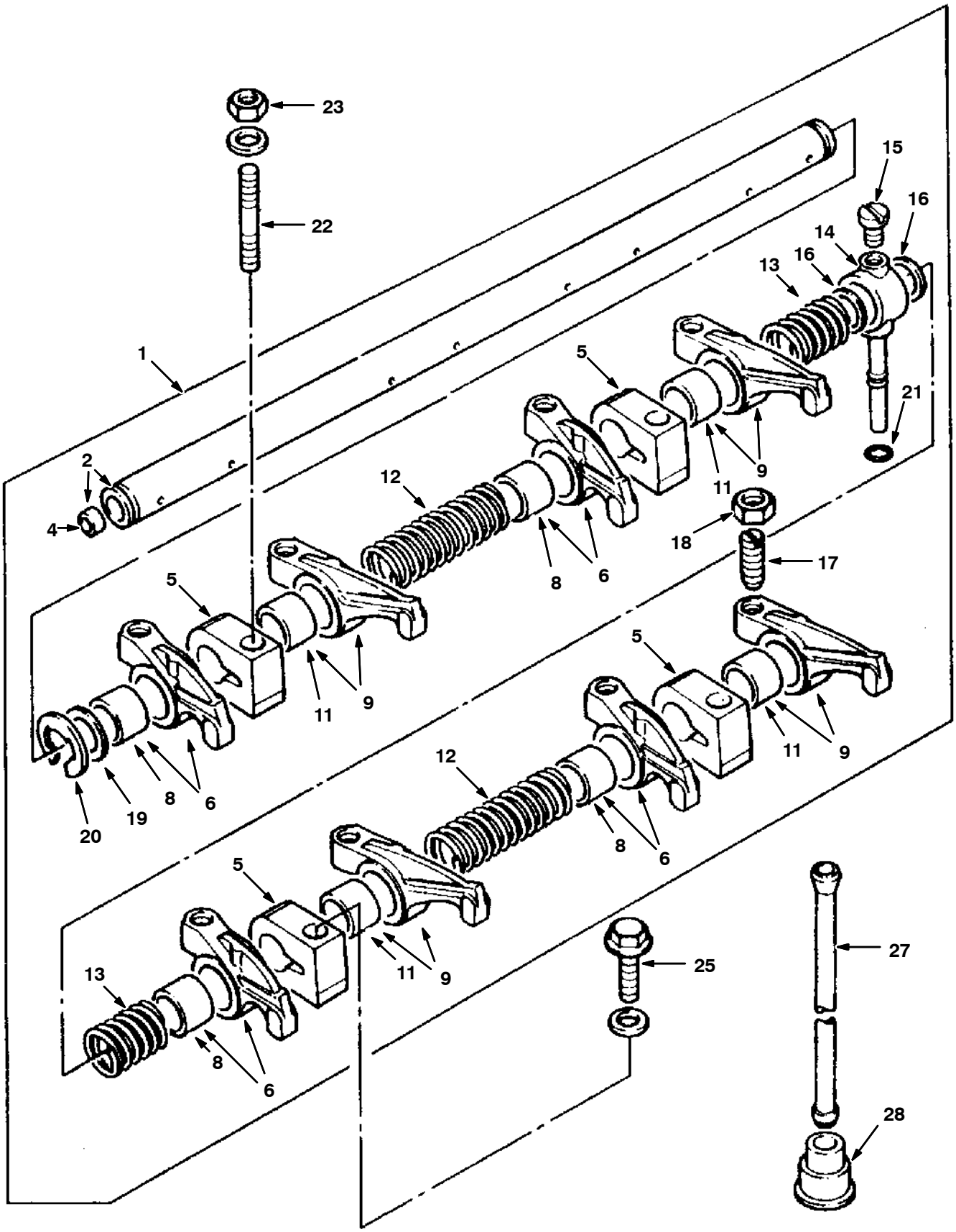


352467

Fig. 4 - Cylinder Head Group

Ref.	Tennant Part No.	Perkins Part Number	Description	Qty.
1	764922	ZZ80238	KIT, CYL HEAD	1
3	764404	0650710	PLUG	1
5	764974	3314A061	INSERT	4
6	764973	3314A051	INSERT	4
7	764959	3142D041	VALVE, INLET	4
8	764976	3318A721	GUIDE	4
10	764961	3174T003	SPRING	8
12	764901	U2418M506	SEAL	4
13	764978	3342N011	CAP	8
14	764905	U3142W004	COTTER	16
15	764958	3142D031	VALVE, EXHAUST	4
16	764975	3318A711	GUIDE	4
20	764900	U2418M505	SEAL	4
25	764408	2314H002	SCREW	3
27	764517	2431A054	PLUG	4
28	764518	32166222	SCREW	2
29	764519	32166219	BOLT	8
30	764520	32166221	BOLT	12
31	764998	3681E031	HEAD GASKET	1
31	765041	3681E033	HEAD GASKET	1
32	764928	2116081	DOWEL	2
42	764927	0650203	PLUG	1
43	764835	2411157	WASHER	1

Fig. 5 - Rocker Shaft Group

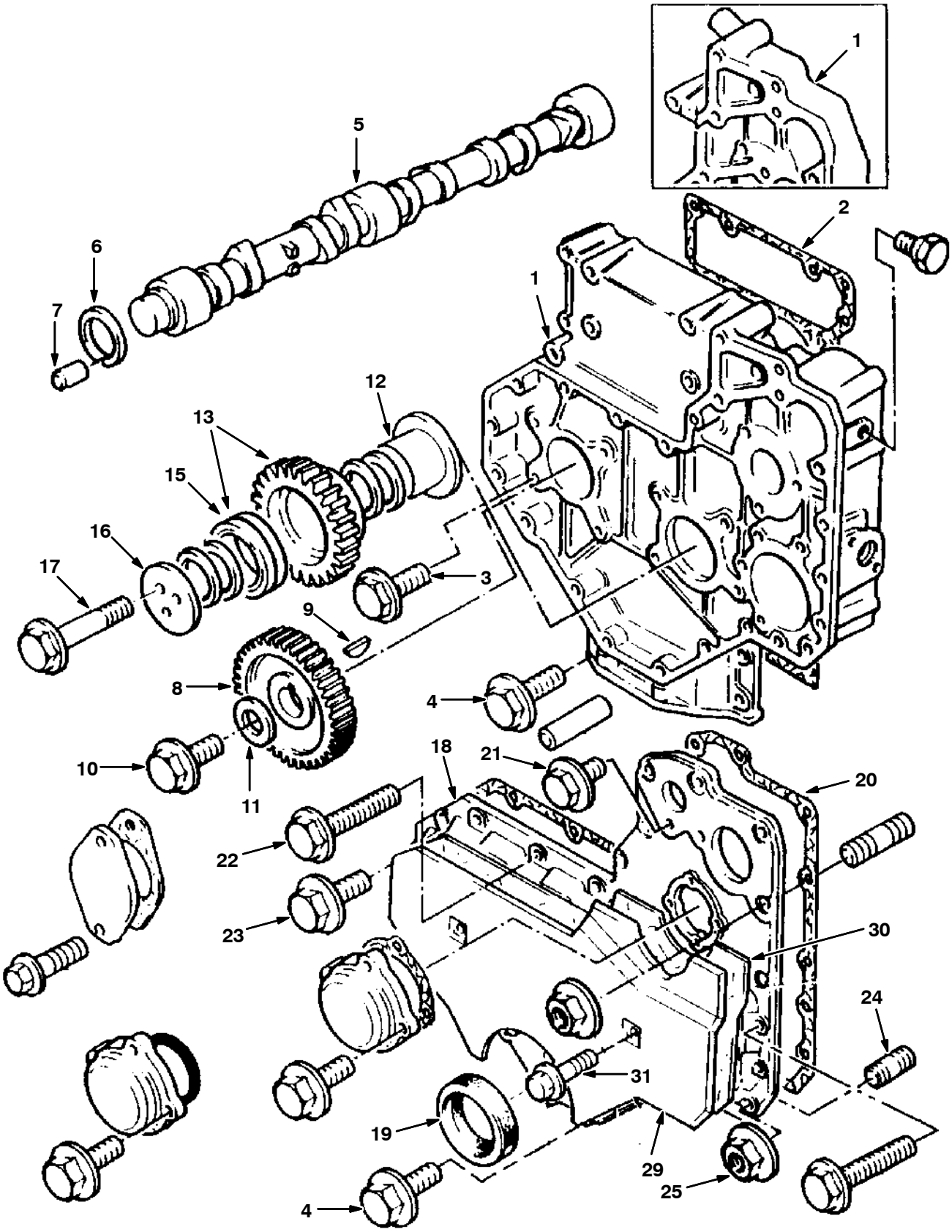


352380

Fig. 5 - Rocker Shaft Group

	Ref.	Tennant Part No.	Perkins Part Number	Description	Qty.
▽	1	764925	ZZ90171	ROCKERSHAFT ASSY	1
▲▽	2	764926	ZZ90172	ROCKERSHAFT	1
▲▲	4	764524	0650507	PLUG	2
▲	5	763830	3818X901	BRACKET	4
▲▽	6	765023	4115R005	LEVER	4
▲▲	8	764954	31134166	BUSHING	1
▲▽	9	765024	4115R006	LEVER	4
▲▲	11	764954	31134166	BUSHING	4
▲	12	764530	31744123	SPRING	2
▲	13	764531	31743108	SPRING	2
▲	14	764532	3775E012	CONNECTION	1
▲	15	764533	2233022	SCREW	1
▲	16	764535	33117426	SHIM	2
▲	17	764536	0720579	SCREW	8
▲	18	764537	0576052	NUT	8
▲	19	764971	3311K012	WASHER	2
▲	20	764539	0170151	CIRCLIP	2
▲	21	764434	33811113	OLIVE	1
	22	763832	2313H331	STUD	3
	23	764640	2318A605	NUT	3
	25	764543	2314J607	SCREW	1
	27	764544	31434307	PUSHROD	8
	28	765042	3142U031	TAPPET	8

Fig. 6 - Timing Gear and Camshaft Group

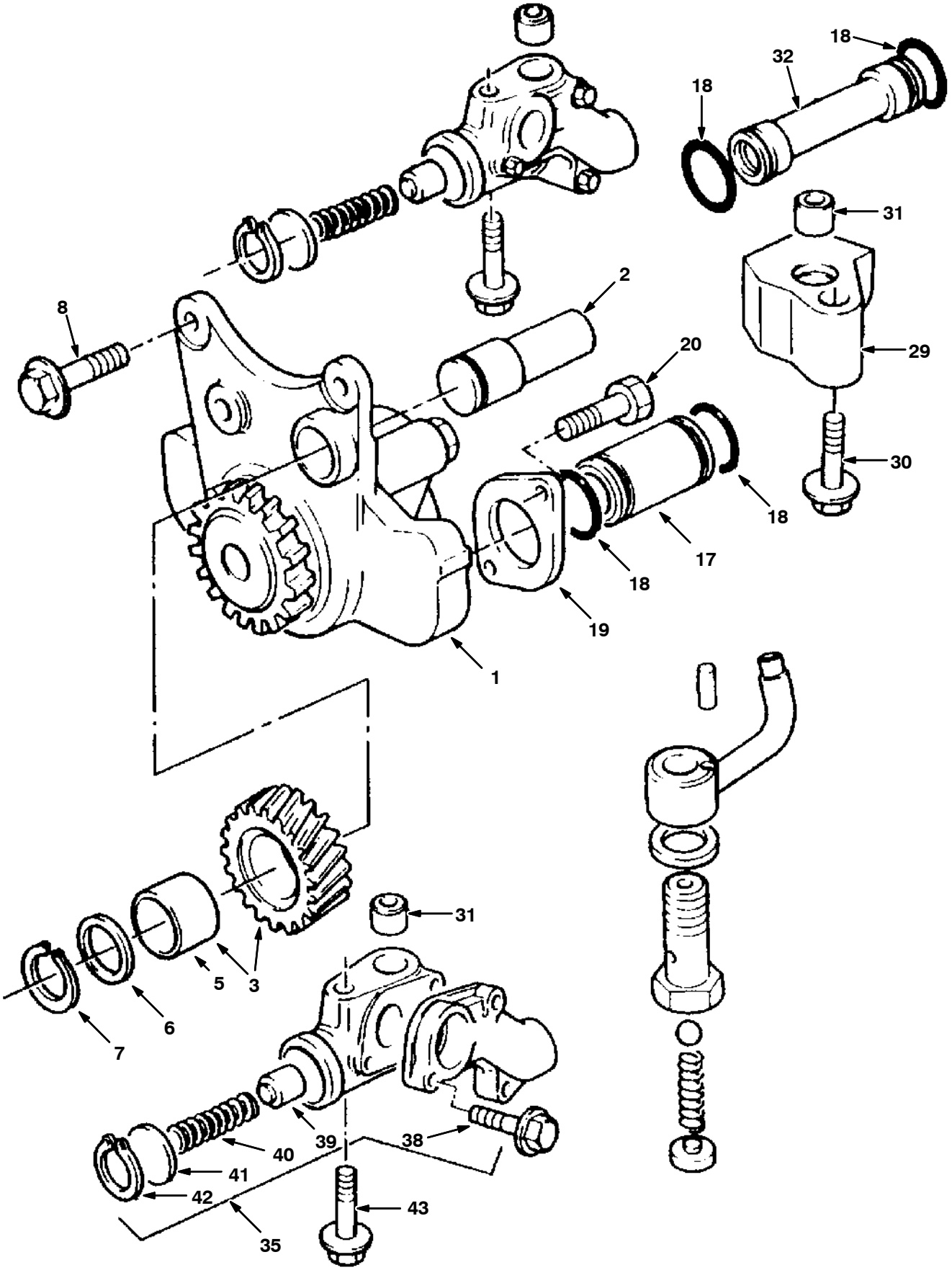


352382

Fig. 6 - Timing Gear and Camshaft Group

	Ref.	Tennant Part No.	Perkins Part Number	Description	Qty.
	1	764910	U3716C161	TIMING CASE	1
	2	764871	3681P009	JOINT	1
	3	764409	2314H003	SCREW	8
	4	764410	2314H004	SCREW	4
	5	764957	3141D071	CAMSHAFT	1
	6	763834	33153135	WASHER	1
	7	764550	2116053	PIN	1
	8	765044	3117L023	GEAR, CAMSHAFT	1
	9	764402	0500012	WOODRUFF KEY	1
	10	765043	2314J606	SCREW	1
	11	764552	3321A003	WASHER	1
	12	764553	33426161	HUB	1
▽	13	764554	4111A013	GEAR, IDLER	1
▲	15	764457	0050345	BUSHING	1
	16	765045	3241H009	PLATE	1
	17	764556	2314J010	SCREW	3
	18	764914	U4142A404	COVER	1
	19	764558	2418F436	SEAL	1
	20	764999	3681P038	JOINT	1
	21	764560	2314H013	SCREW	6
	22	764410	2314H004	SCREW	1
	23	764575	2314H005	SCREW	7
	24	764561	2313M058	STUD	2
	25	764421	2318A603	NUT	2
	29	765020	3781N043	SHIELD	1
	30	765019	3781N042	DAMPER	1
	31	764567	2314F003	SCREW	2

Fig. 7 - Lubricating Oil Pump Group

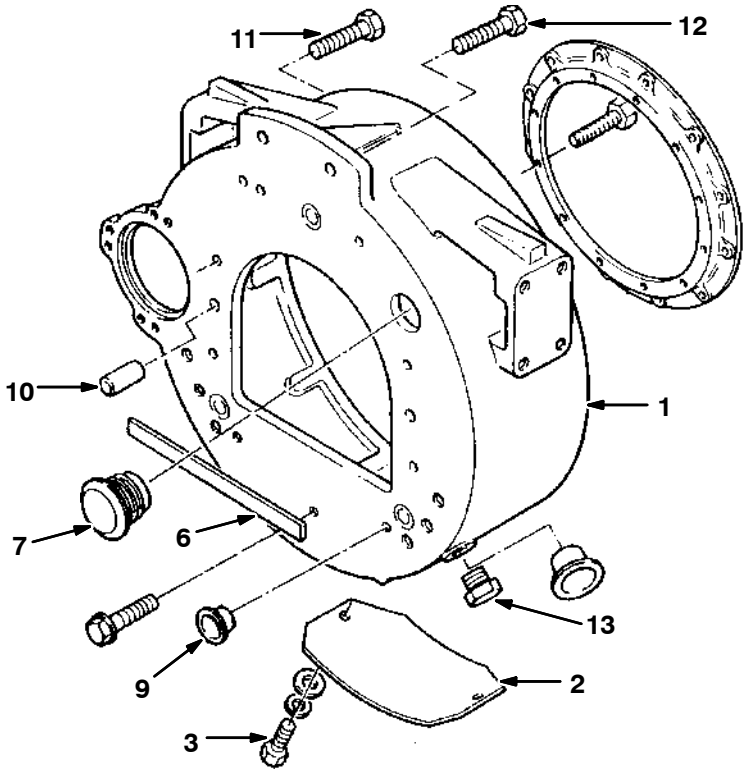


352384

Fig. 7 - Lubricating Oil Pump Group

	Ref.	Tennant Part No.	Perkins Part Number	Description	Qty.
	1	763836	4132F056	OIL PUMP	1
	2	765046	3271H004	SHAFT	1
▽	3	764571	4111A021	GEAR, IDLER	1
▲	5	764529	2511437	BUSHING	1
	6	765047	33123125	WASHER	1
	7	764574	2722A206	CIRCLIP	1
	8	764575	2314H005	SCREW	3
	17	764576	3343F012	PIPE, OIL	1
	18	764577	2415H201	O-RING	4
	19	764578	3748C011	FLANGE	1
	20	764410	2314H004	SCREW	2
	29	764579	3763W011	ADAPTOR	1
	30	764580	2314J008	SCREW	1
	31	765048	33137409	THIMBLE	2
	32	764582	3343M307	PIPE, OIL	1
▽	35	763837	4138A037	RELIEF VALVE	1
▲	38	764584	2314F907	SCREW	3
▲	39	764585	32712726	PLUNGER	1
▲	40	764586	3174L003	SPRING	1
▲	41	764587	32712111	SEAT	1
▲	42	764588	2721130	CIRCLIP	1
	43	764589	2314J011	SCREW	1

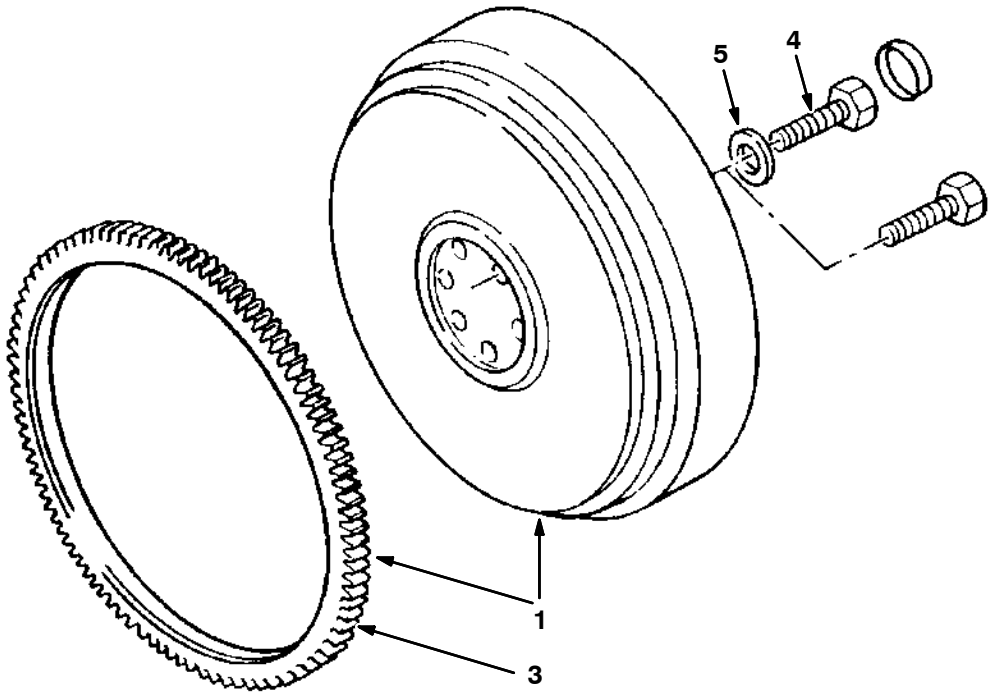
Fig. 8 - Flywheel Housing Group



352390

Ref.	Tennant Part No.	Perkins Part Number	Description	Qty.
1	765051	3713M042	FLYWHEEL HOUSING	1
2	764591	36212132	PLATE	1
3	765049	2314H102	SCREW	2
6	763868	36843154	SEAL	1
7	765050	2487402	PLUG	1
9	764595	2487204	PLUG	3
10	764596	0350025	DOWEL	2
11	766643	2314J204	SCREW	6
12	764420	2314J603	SCREW	2
13	764427	2487Y005	PLUG	1

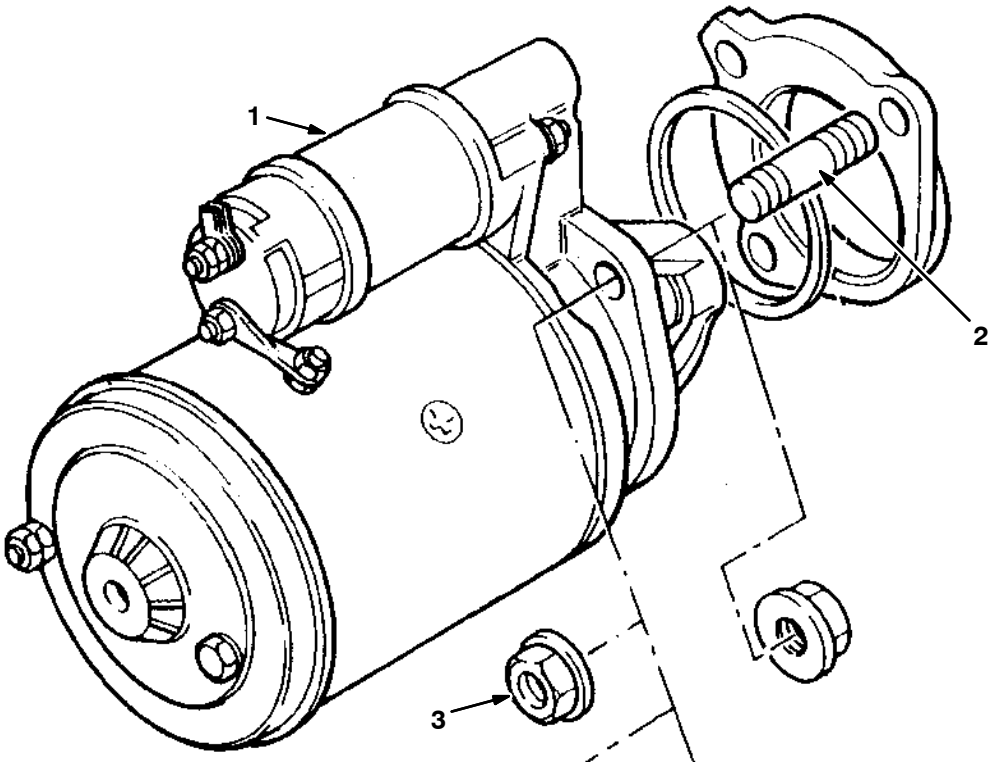
Fig. 9 - Flywheel Group



352392

	Ref.	Tennant Part No.	Perkins Part Number	Description	Qty.
▽	1	764597	4111D095	FLYWHEEL	1
▲	3	764598	31162121	GEAR, STARTER RING	1
	4	764460	0096803	BOLT	6
	5	764599	33117127	WASHER	6

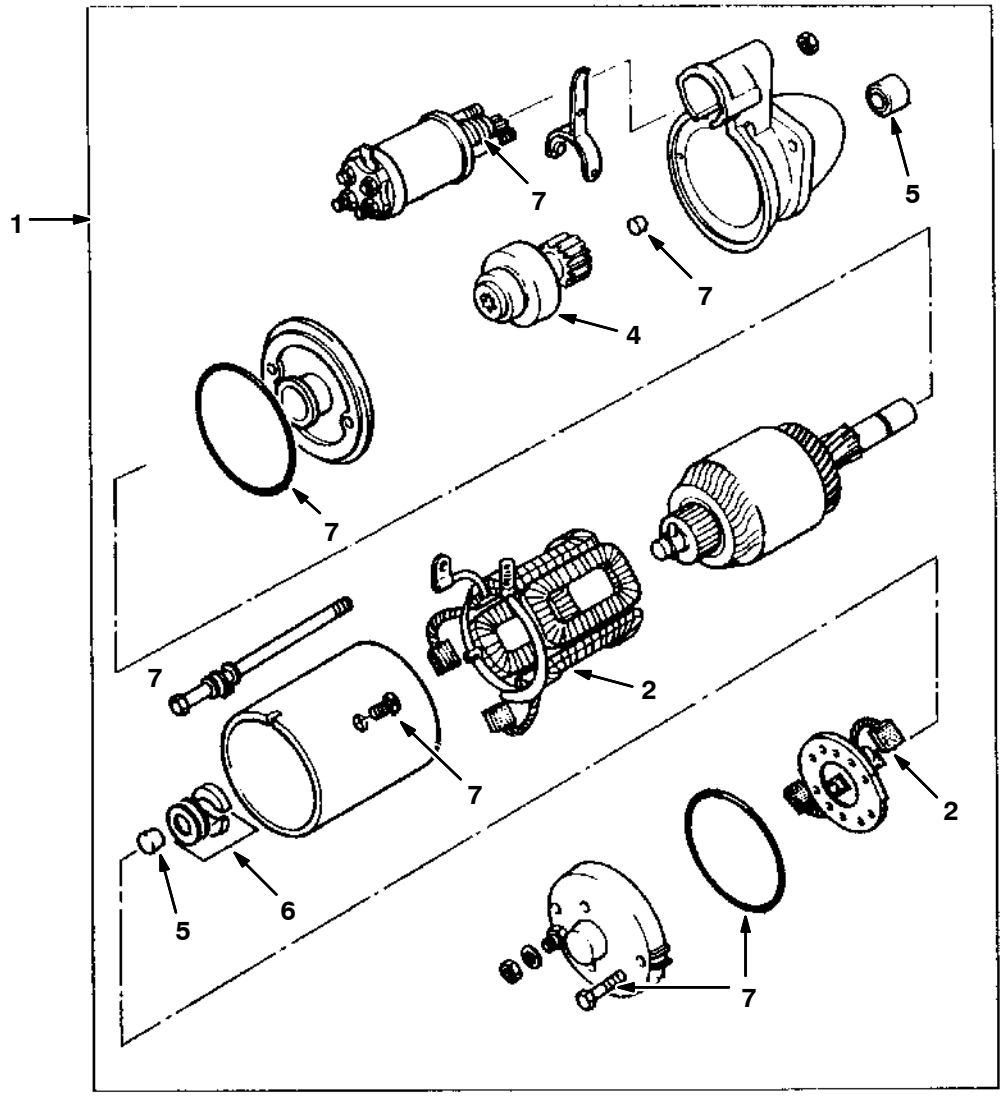
Fig. 10 - Starter Motor Group



352394

Ref.	Tennant Part No.	Perkins Part Number	Description	Qty.
1	764431	2873B071	STARTER MOTOR (SEE BREAKDOWN)	1
2	764407	2313C077	STUD	3
3	764422	2318A604	NUT	3

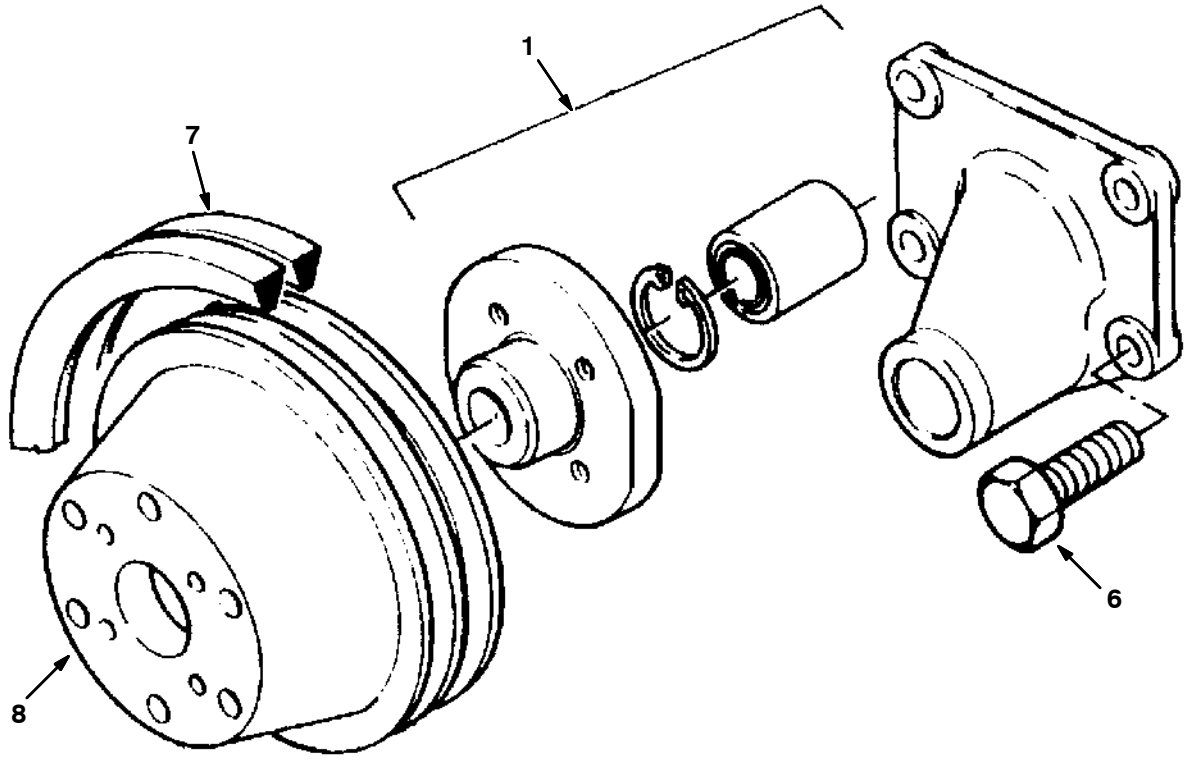
Fig. 11 - Starter Motor Breakdown



352396

	Ref.	Tennant Part No.	Perkins Part Number	Description	Qty.
▽	1	764431	2873B071	STARTER MOTOR	1
▲	2	765052	28730201	KIT, BRUSH	1
▲	4	765054	28730267	DRIVE	1
▲	5	764603	28730238	KIT, BRUSH	1
▲	6	764604	28730193	KIT, BRAKE	1
▲	7	765053	28730209	KIT, REPAIR	1

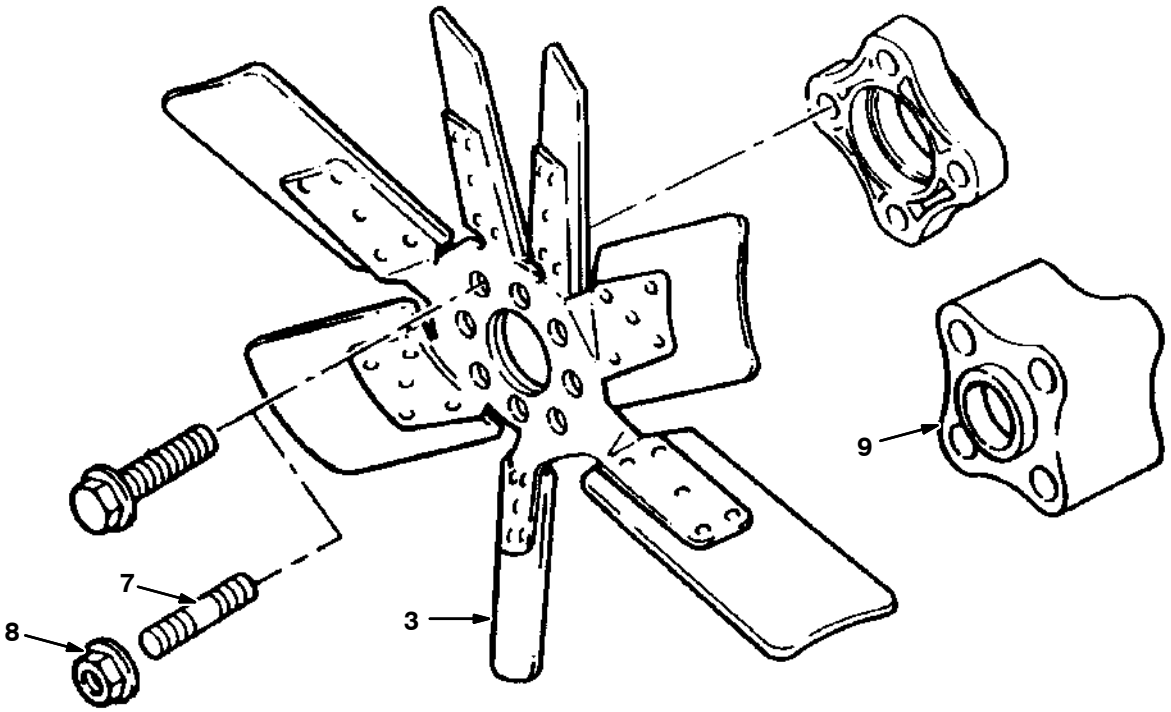
Fig. 12 - Fan Drive Group



352398

Ref.	Tennant Part No.	Perkins Part Number	Description	Qty.
1	765056	4113H074	HOUSING	1
6	764418	2314J015	SCREW	4
7	766649	2614B659	BELT, FAN	1
8	766656	3115C111	PULLEY	1

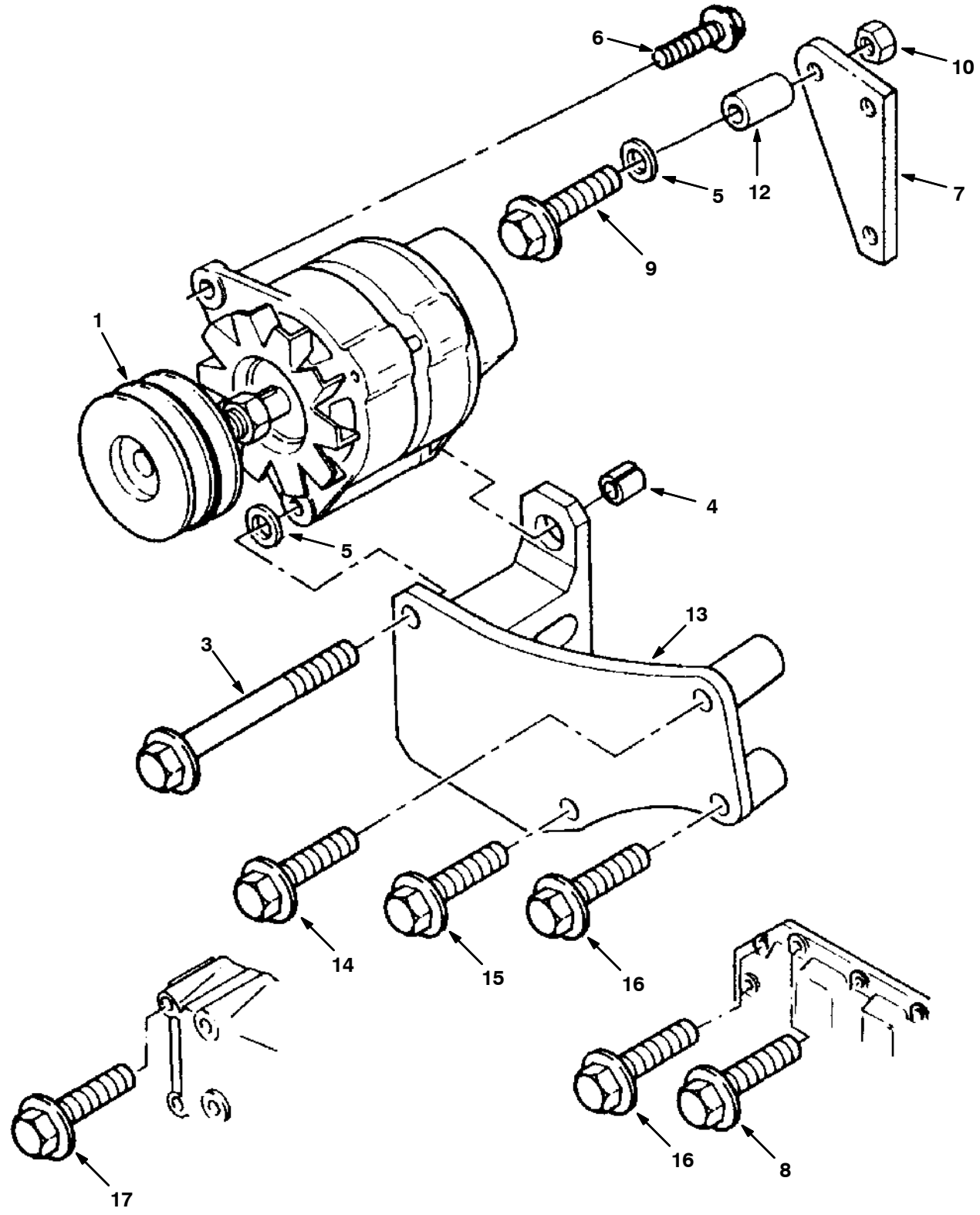
Fig. 13 - Fan Group



352412

Ref.	Tennant Part No.	Perkins Part Number	Description	Qty.
3	767601	2485C517	FAN	1
7	765060	2313H229	STUD	4
8	765061	2318D208	NUT	4
9	765062	3748W223	EXTENSION	1

Fig. 14 - Alternator Group

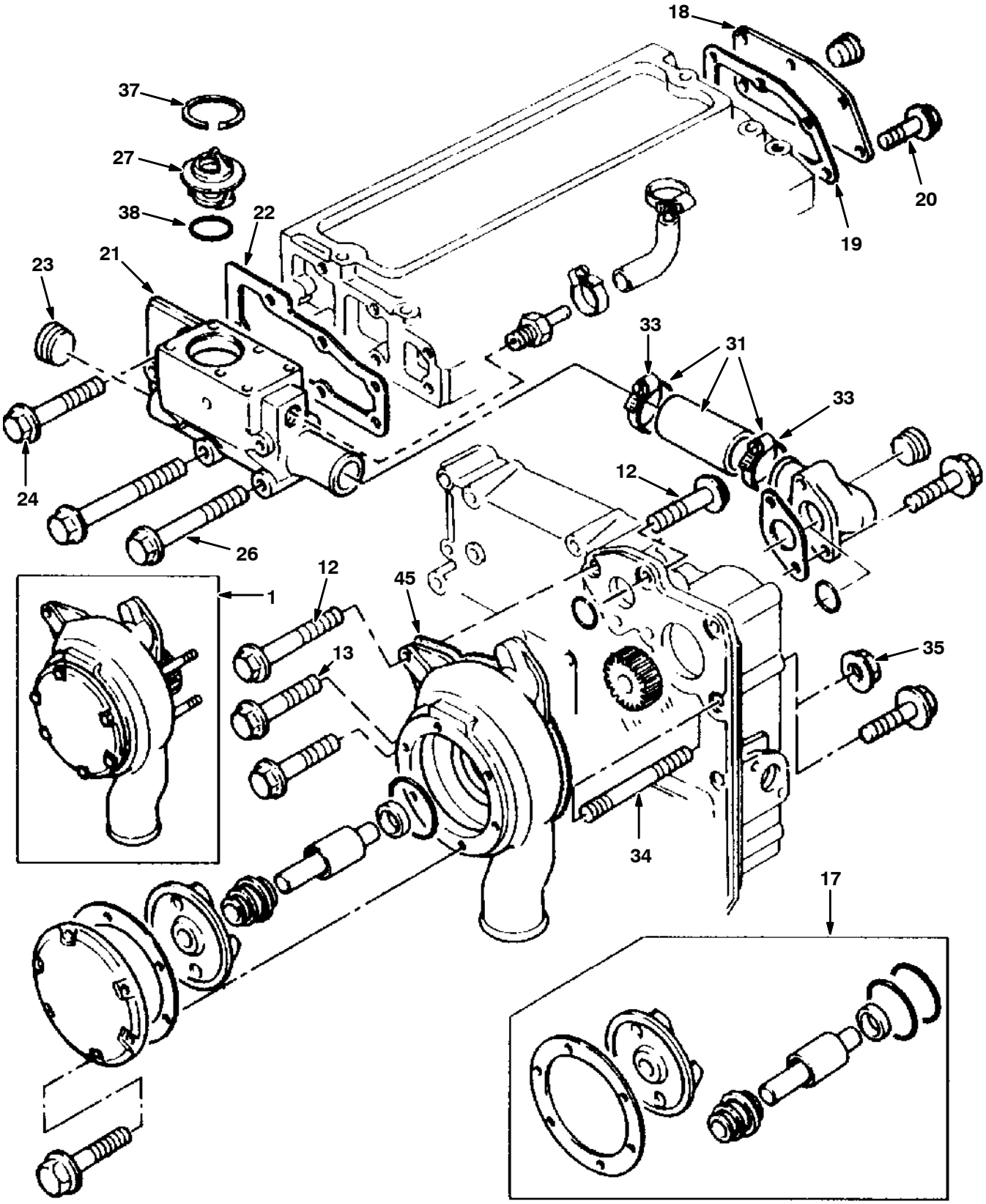


352414

Fig. 14 - Alternator Group

Ref.	Tennant Part No.	Perkins Part Number	Description	Qty.
1	764611	3115A044	PULLEY, ALTERNATOR	1
3	764418	2314J015	SCREW	1
4	764618	3318H105	SLEEVE	1
5	764613	2131A010	WASHER	2
6	764409	2314H003	SCREW	1
7	764907	U3623T012	BRACKET	1
8	764575	2314H005	SCREW	1
9	764580	2314J008	SCREW	1
10	764936	2318D240	NUT	1
12	764972	3312K026	SPACER	1
13	764616	3822P011	BRACKET	1
14	764636	2314J006	SCREW	2
15	764414	2314H017	SCREW	1
16	764609	2314K159	SCREW	2
17	764560	2314H013	SCREW	2

Fig. 15 - Water Pump Group

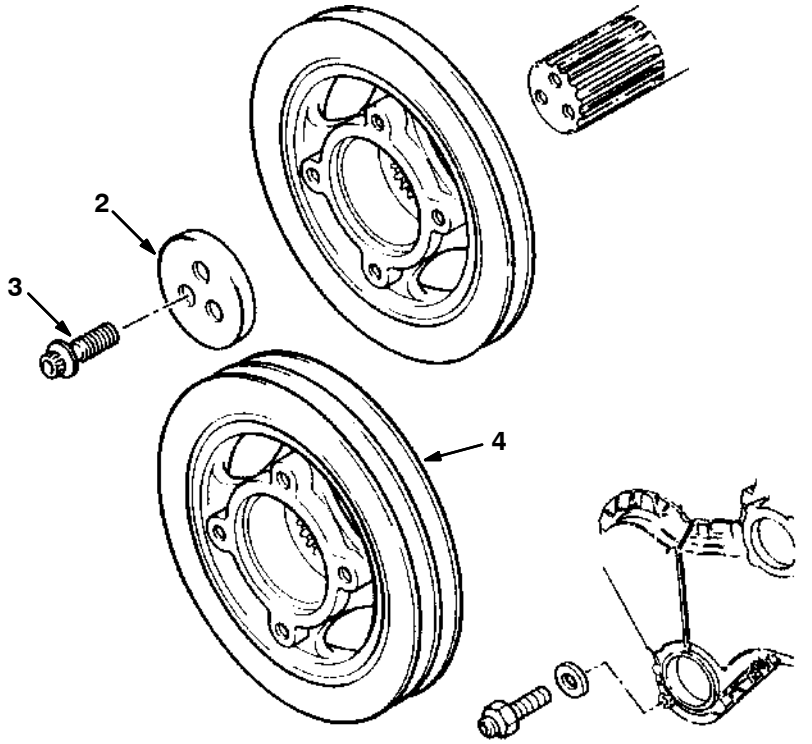


352408

Fig. 15 - Water Pump Group

	Ref.	Tennant Part No.	Perkins Part Number	Description	Qty.
	1	766629	U5MW0164	WATER PUMP	1
	12	764414	2314H017	SCREW	5
	13	764794	2314H033	SCREW	3
	17	764920	U7LW0147	KIT, REPAIR	1
	18	764906	U3623H024	COVER	1
	19	764909	U3685R009	JOINT	1
	20	764408	2314H002	SCREW	3
	21	765017	3771K214	HOUSING	1
	22	765006	3686D007	JOINT	1
	23	764425	2431154	PLUG	1
	24	764620	2314K161	SCREW	3
	26	764412	2314H008	SCREW	3
	27	764941	2485C025	THERMOSTAT	1
▽	31	764918	U5MH0056	KIT, HOSE	1
▲	33	369000	0180066	CLIP	2
	33	764929	21825198	CLIP	2
	34	764930	2313F068	STUD	2
	35	764421	2318A603	NUT	2
	37	764983	3381J005	RING	1
	38	764938	2415A090	O-RING	1
	45	765008	3687Y016	JOINT	1

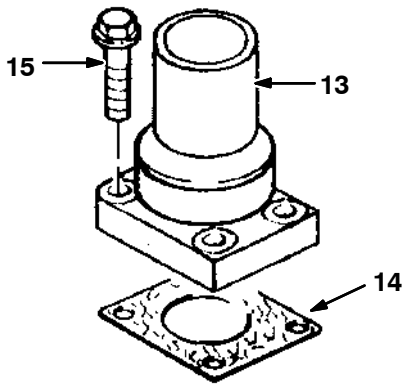
Fig. 16 - Front End Drive Input Group



352406

Ref.	Tennant Part No.	Perkins Part Number	Description	Qty.
2	764776	3241N001	BLOCK	1
3	764777	32186137	BOLT	3
4	764778	3115T051	PULLEY, CRANK	1

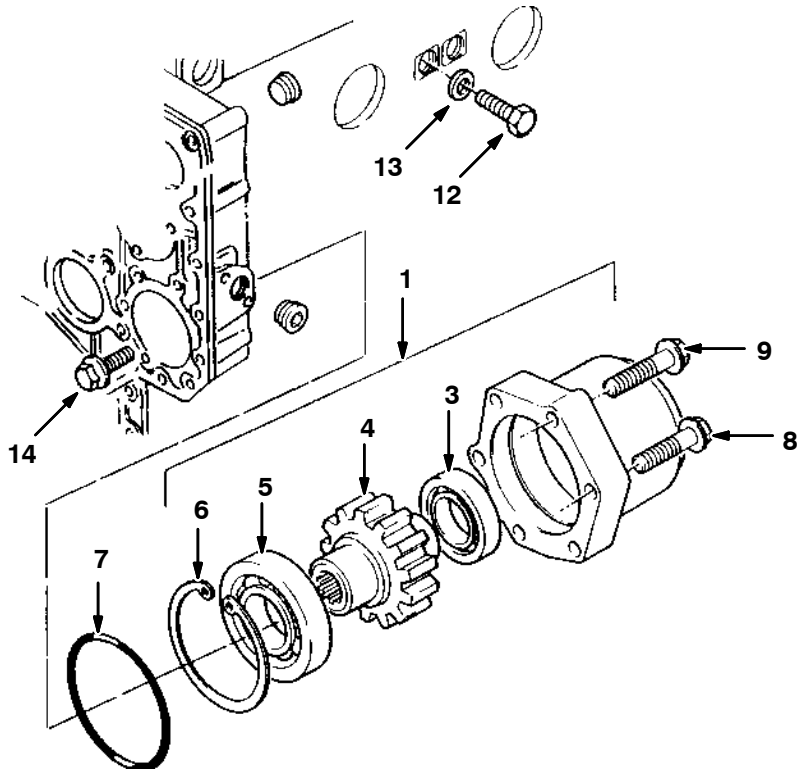
Fig. 17 - Water Outlet Group



352410

Ref.	Tennant Part No.	Perkins Part Number	Description	Qty.
13	765016	3766P411	CONNECTION	1
14	765003	3684N017	JOINT	1
15	764409	2314H003	SCREW	4

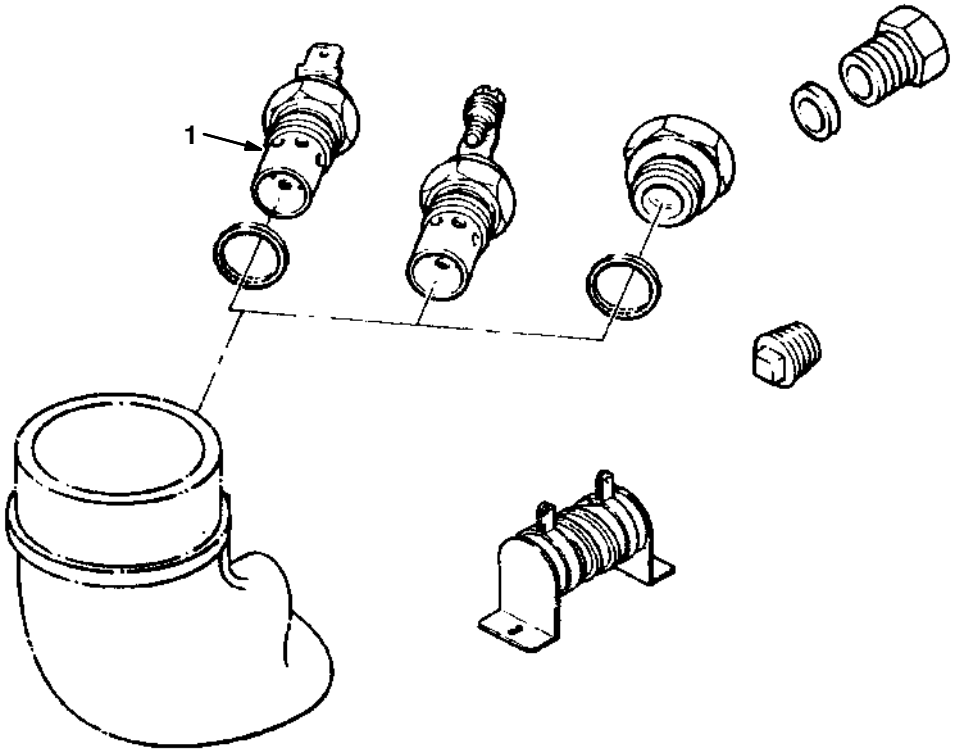
Fig. 18 - Gear Drive Group



352416

	Ref.	Tennant Part No.	Perkins Part Number	Description	Qty.
▽	1	764624	4113H068	ADAPTOR	1
▲	3	764625	2521A207	BEARING, BALL	1
▲	4	764626	3117C116	GEAR, HYD PUMP	1
▲	5	764627	2521A415	BEARING, BALL	1
▲	6	764628	2721A537	CIRCLIP	1
	7	764629	2415B167	O-RING	1
	8	764630	2311D578	SCREW	1
	9	764631	2311D559	SCREW	5
	12	764632	2314C049	SCREW	1
	13	764633	0920155	WASHER	1
	14	764417	2314J004	SCREW	1

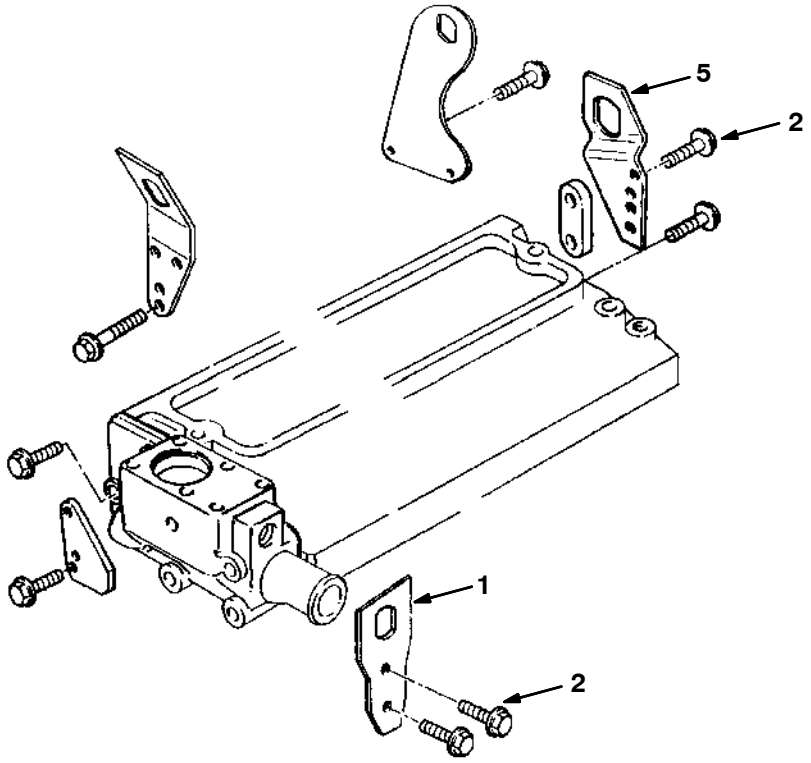
Fig. 19 - Intake Heater Group



352430

Ref.	Tennant Part No.	Perkins Part Number	Description	Qty.
1	764634	2666108	INTAKE HEATER	1

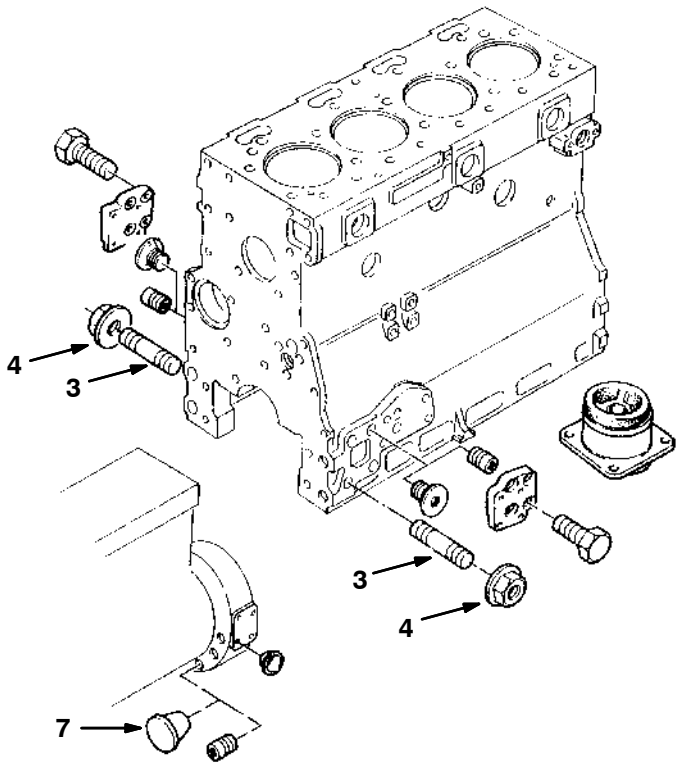
Fig. 20 - Engine Lifting Group



352432

Ref.	Tennant Part No.	Perkins Part Number	Description	Qty.
1	764908	U3648C008	PLATE	1
2	764416	2314J003	SCREW	4
5	764993	3654W007	PLATE	1

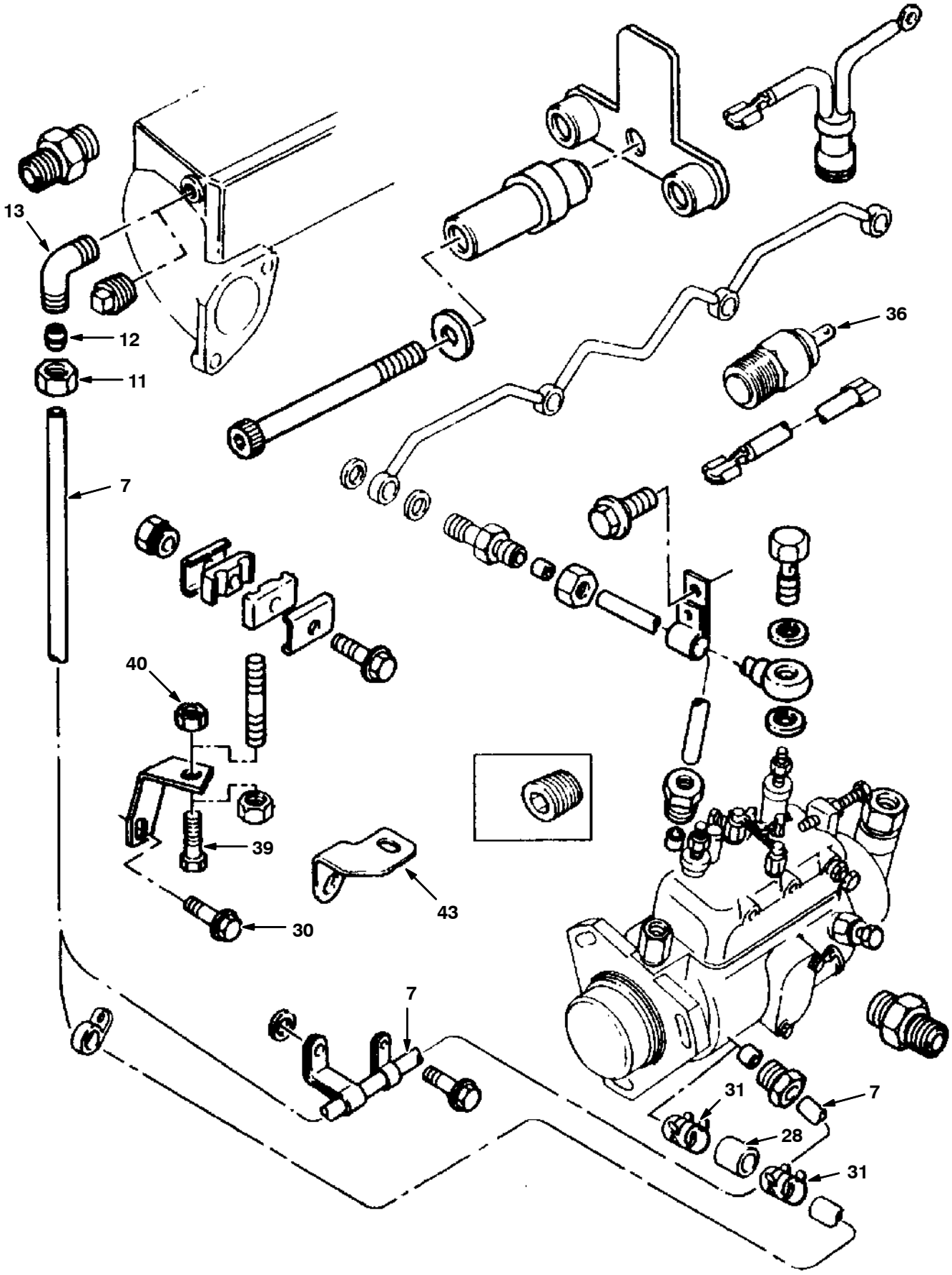
Fig. 21 - Mounting Group



352438

Ref.	Tennant Part No.	Perkins Part Number	Description	Qty.
3	764639	2313M101	STUD	8
4	764640	2318A605	NUT	8
7	764641	2487208	PLUG	10

Fig. 22 - Fuel Injection Group

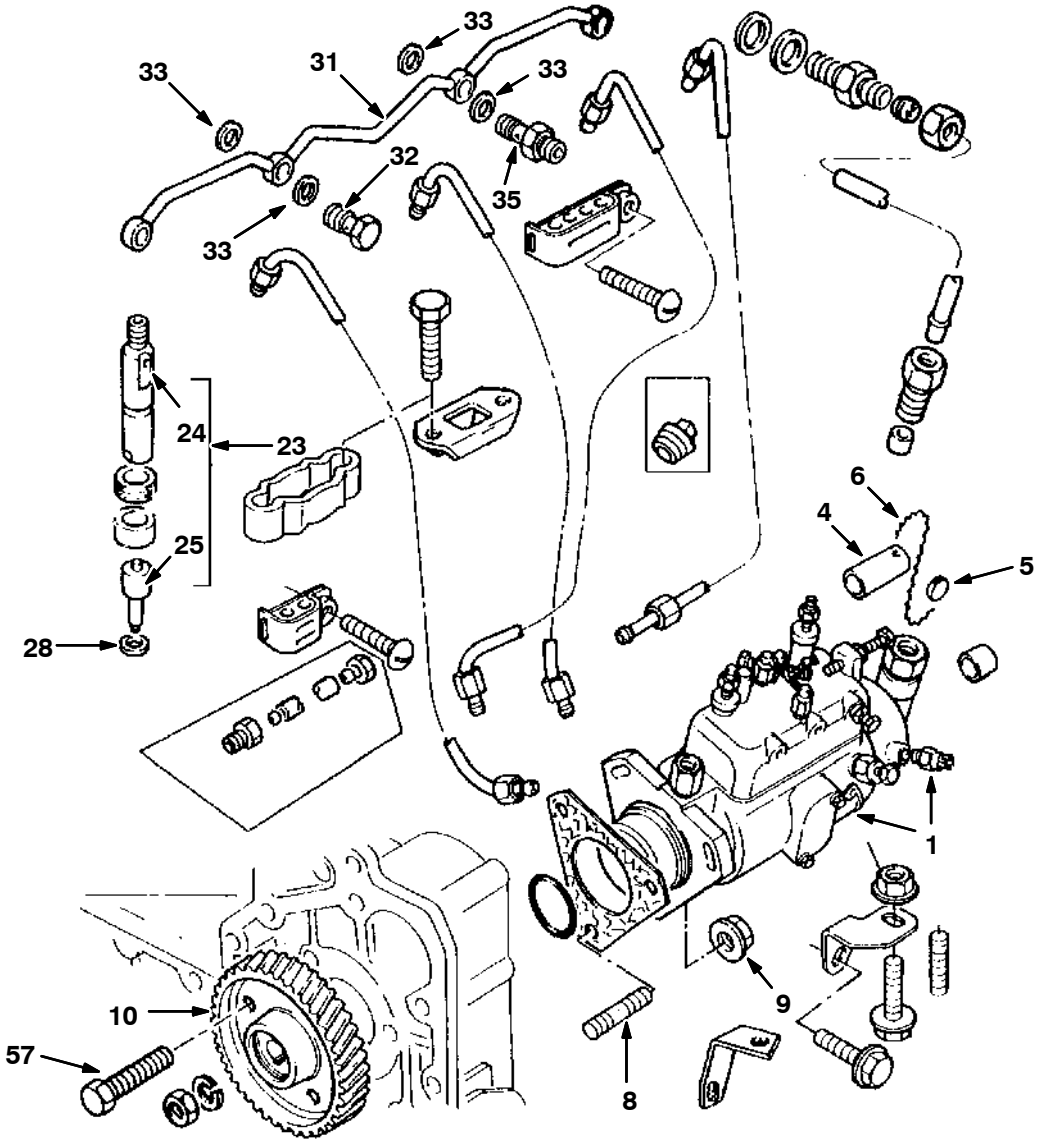


352388

Fig. 22 - Fuel Injection Group

Ref.	Tennant Part No.	Perkins Part Number	Description	Qty.
7	765030	4126A012	PIPE, AIR	1
11	763850	0576111	NUT	1
12	763851	0566002	OLIVE	1
13	763852	0201047	CONNECTION	1
28	764986	3386A004	HOSE	1
30	764409	2314H003	SCREW	1
31	764940	2481C002	CLIP	2
36	765032	4173A101	SWITCH	1
39	764415	2314J002	SCREW	1
40	764421	2318A603	NUT	1
43	764992	3644Y004	BRACKET	1

Fig. 23 - Fuel Injection Line Group

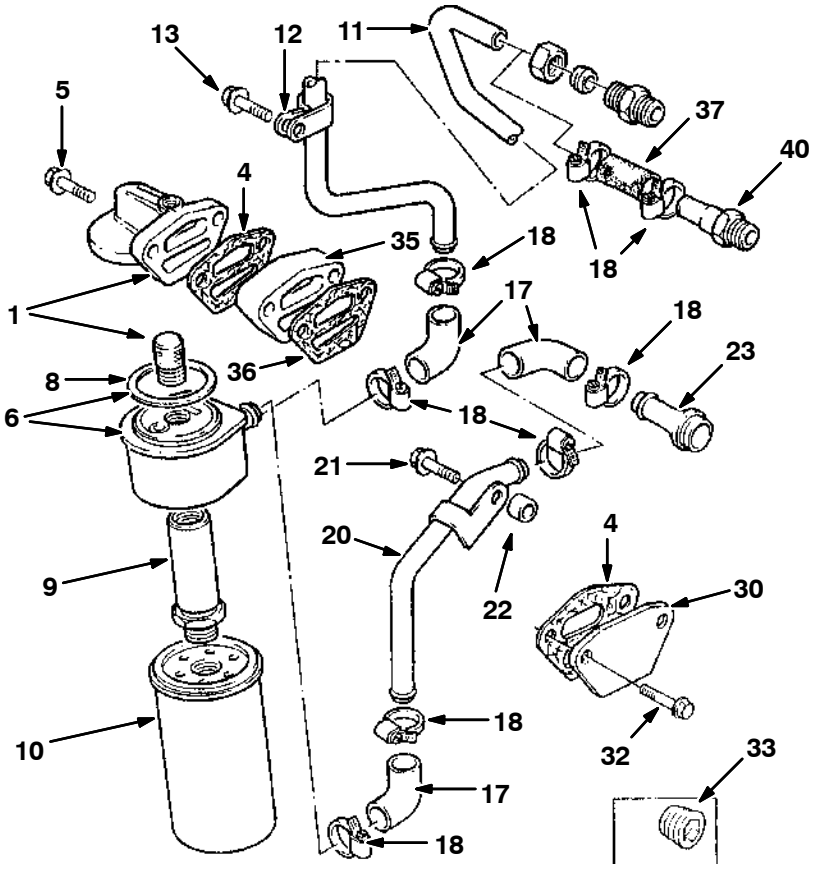


352472

Fig. 23 - Fuel Injection Line Group

	Ref.	Tennant Part No.	Perkins Part Number	Description	Qty.
▽	1	764902	U2643U228	INJECTION PUMP	1
▲		766693		PIPE	1
▲		766694		WASHER, SEALING	1
▲		766695		OLIVE	1
	4	764969	3281M002	SLEEVE	1
	5	764659	31718104	SEAL	1
	6	764660	31718105	WIRE	1
	8	764662	2313M059	STUD	3
	9	764421	2318A603	NUT	3
	10	764955	3117L192	GEAR, FUEL PUMP	1
▽	23	764903	~~2645L621~~	ATOMIZER	4
▲	24	764945	2645L306	HOLDER	1
▲	25	764946	2645L617	NOZZLE	1
	28	369259	L311FF02	WASHER	4
	31	764988	3558X051	LEAK-OFF PIPE	1
	32	764962	3218R005	BOLT	3
	33	764970	3311A001	WASHER	8
	35	764981	3355V002	CONNECTION	1
	57	764408	2314H002	SCREW	4
		9004068	UFK4C739	INJECTION PUMP (Starting with engine S/N U969465G)	1

Fig. 24 - Lubricating Oil Filter and Integral Oil Cooler Group

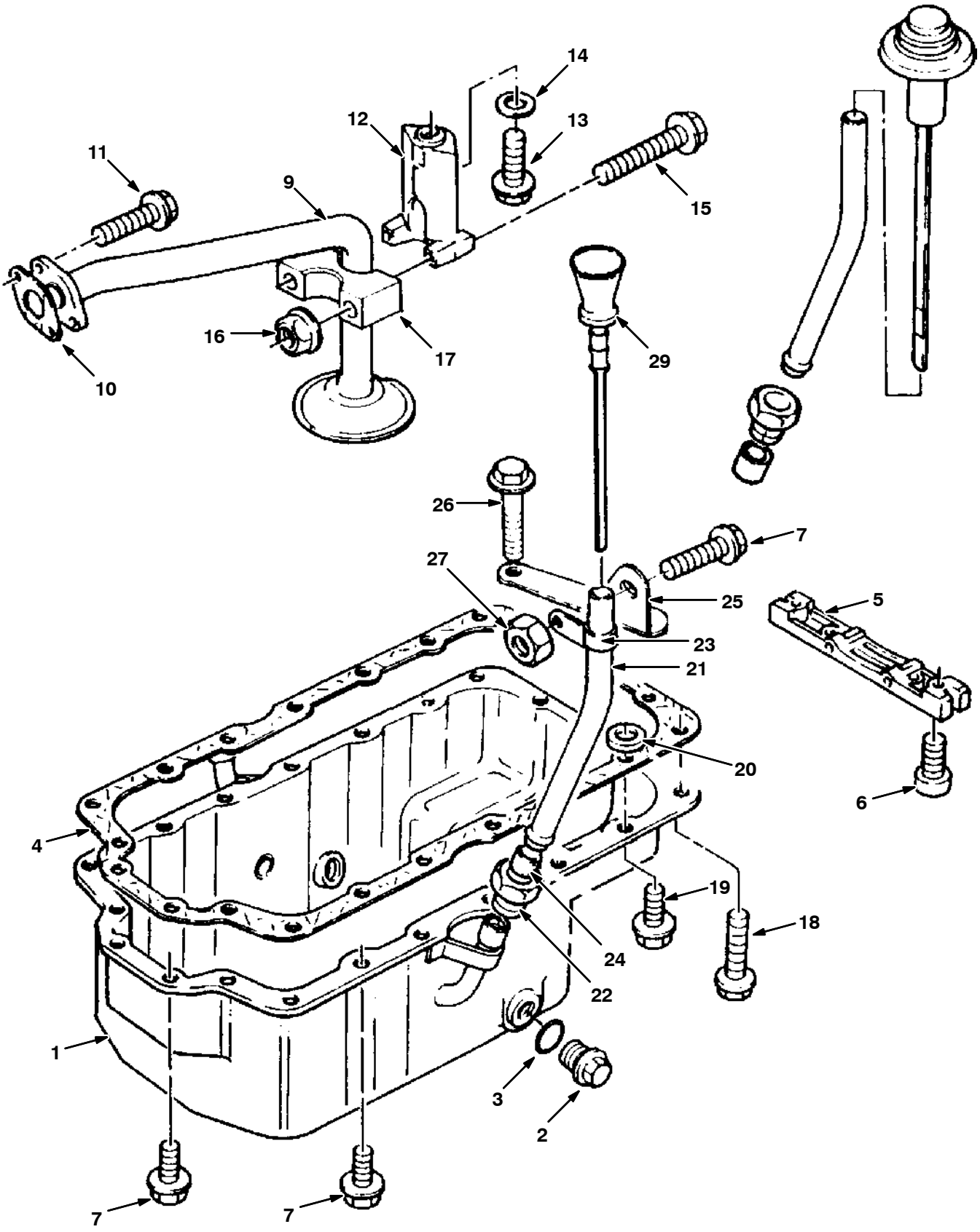


352478

Fig. 24 - Lubricating Oil Filter and Integral Oil Cooler Group

	Ref.	Tennant Part No.	Perkins Part Number	Description	Qty.
	1	763873	3773K004	FILTER HEAD	1
	4	764877	3687W008	JOINT	2
	5	763877	2314J040	SCREW	4
▽	6	763874	2486A206	OIL COOLER	1
▲	8	764740	2486A211	GASKET	1
	9	763876	2486A209	CONNECTOR	1
	10	68986	2654407	OIL FILTER	1
	11	765031	4126K149	PIPE, WATER	1
	12	764747	3656M003	CLIP	1
	13	763886	2314J001	SCREW	1
	17	764745	34821121	HOSE	3
	18	763879	2481877	HOSE CLIP	8
	20	763880	3573M009	PIPE, WATER	1
	21	764609	2314K159	SCREW	1
	22	763884	33246123	SPACER	1
	23	763881	3346C006	ADAPTOR	1
	30	764743	3623H008	PLATE	1
	32	764744	2314J033	SCREW	4
	33	764403	0650588	PLUG	1
	35	763878	3773T101	ADAPTOR	1
	36	765007	3686T006	JOINT	1
	37	763885	3383A001	HOSE	1
	40	764655	33552414	ADAPTOR	1

Fig. 25 - Lubricating Oil Sump Group

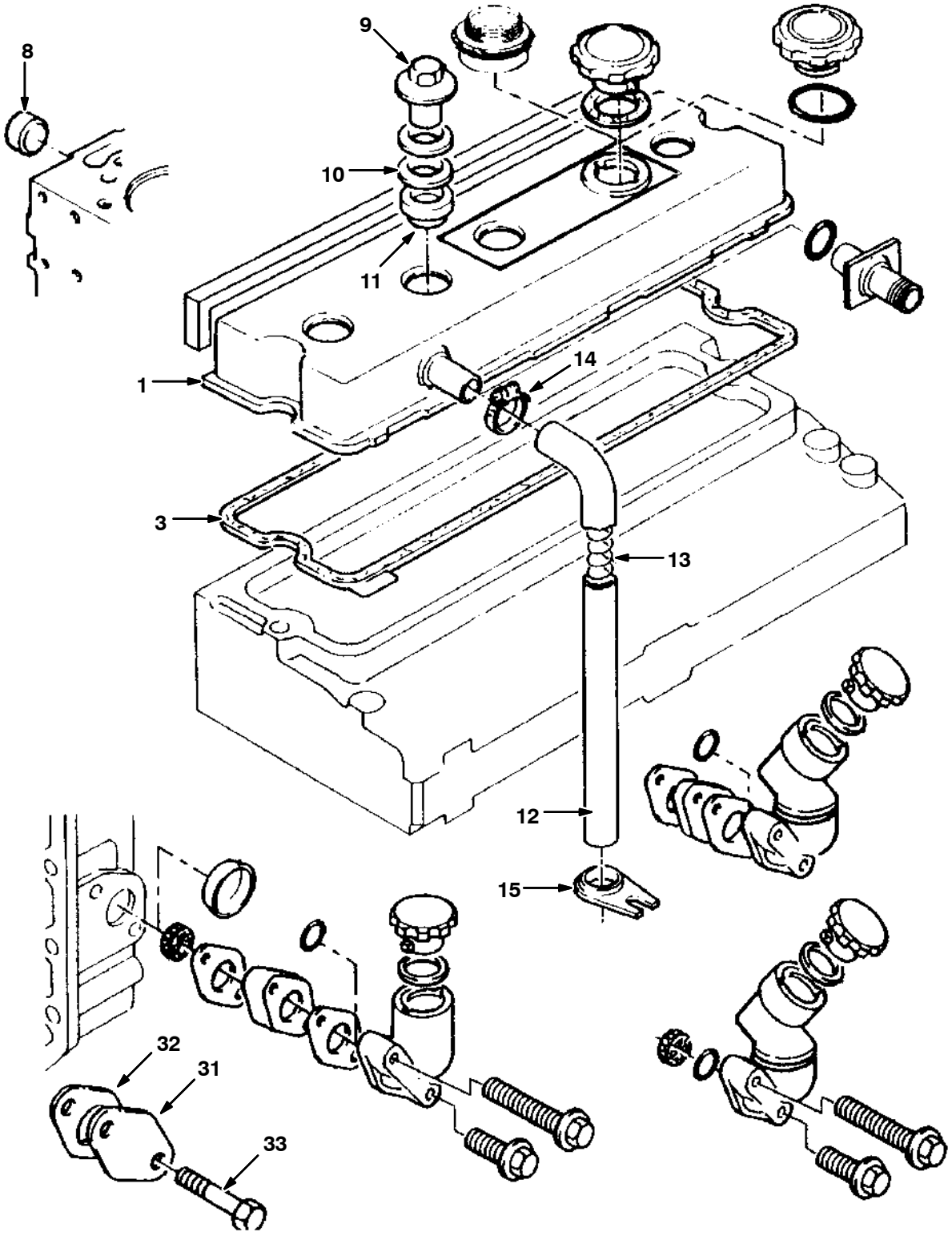


352400

Fig. 25 - Lubricating Oil Sump Group

Ref.	Tennant Part No.	Perkins Part Number	Description	Qty.
1	764701	3717Y002	SUMP	1
2	764702	2487A020	PLUG	2
3	764703	2415715	O-RING	2
4	764868	3681K005	JOINT	1
5	765057	3627P023	BRIDGE PIECE	1
6	764707	2311D039	SCREW	2
7	764408	2314H002	SCREW	18
9	764709	3575A018	PIPE, OIL	1
10	764888	36832137	JOINT	1
11	764710	2314H007	SCREW	2
12	764711	3824A021	BRACKET	1
13	764410	2314H004	SCREW	1
14	764712	0330807	SPACER	1
15	764713	2314F016	SCREW	2
16	764714	2318D802	NUT	2
17	763870	3735A011	CLAMP	1
18	764719	2314H031	SCREW	2
19	764409	2314H003	SCREW	1
20	764720	0920460	SPACER	1
21	765058	4126X091	TUBE	1
22	764716	3353D005	NUT	1
23	763872	36565517	CLIP	1
24	764717	33812116	OLIVE	1
25	765059	3823D024	BRACKET	1
26	763886	2314J001	SCREW	1
27	764421	2318A603	NUT	1
29	370702	3178C126	DIPSTICK	1

Fig. 26 - Lubricating Oil Filler and Breather Group

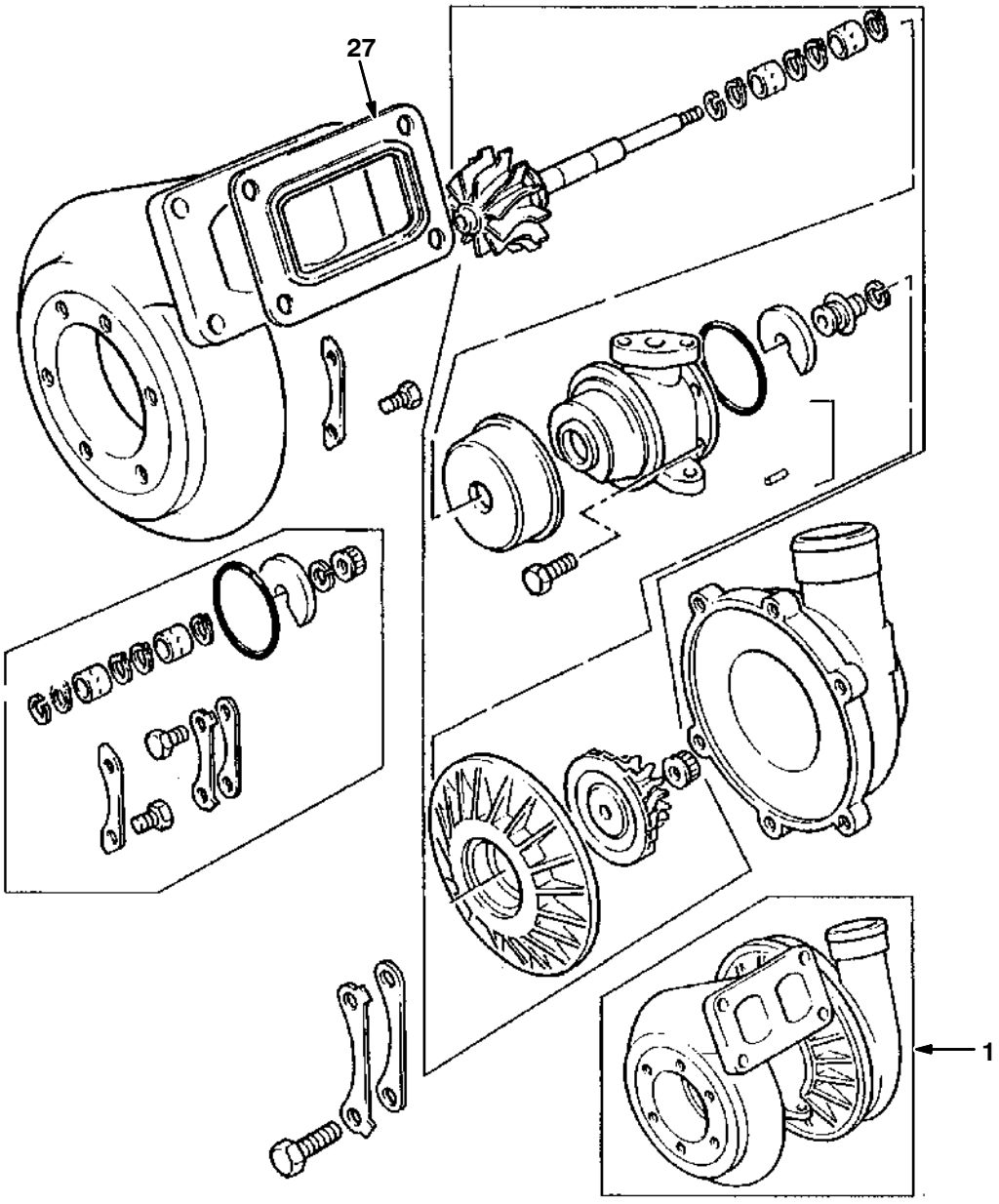


352402

Fig. 26 - Lubricating Oil Filler and Breather Group

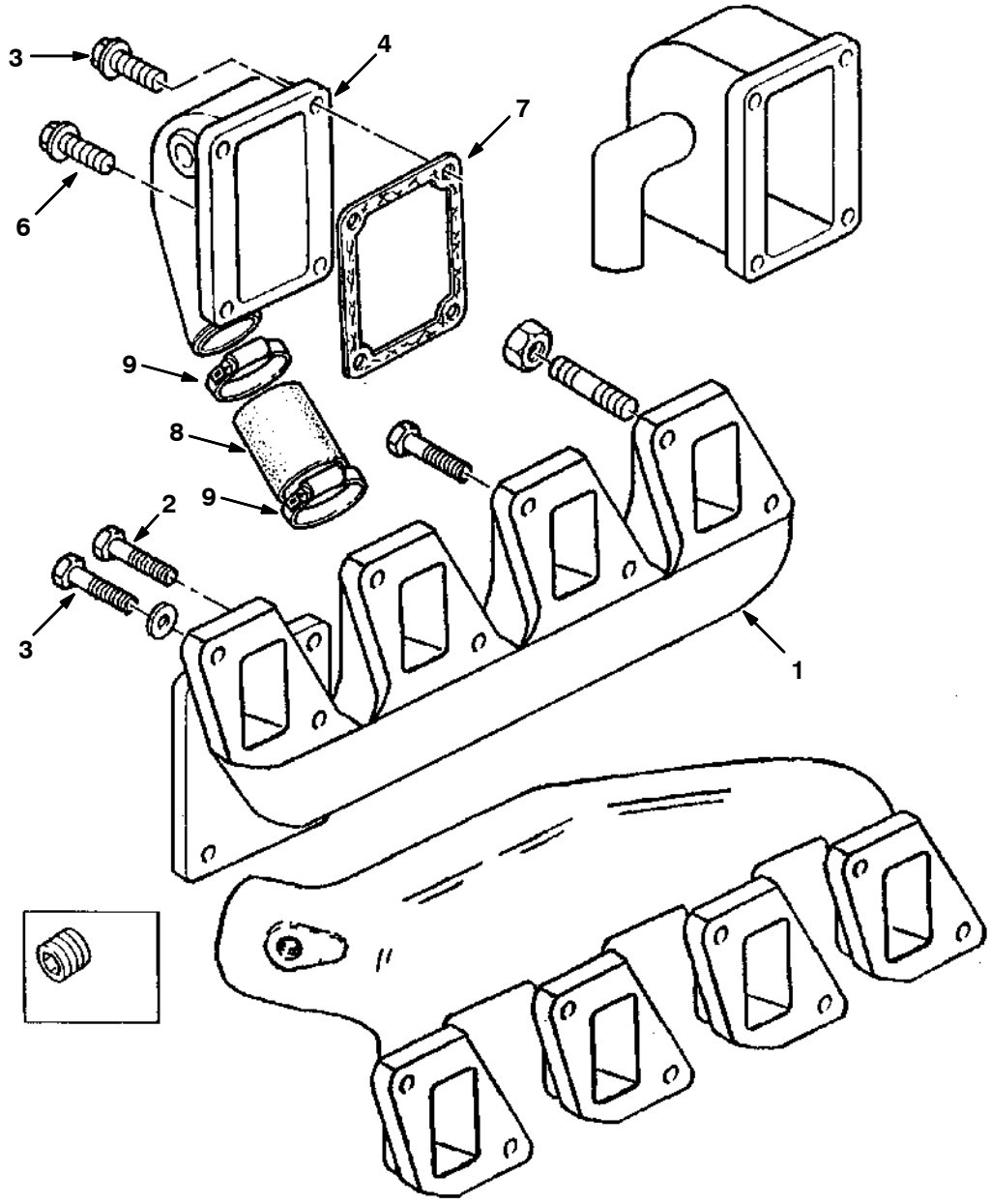
Ref.	Tennant Part No.	Perkins Part Number	Description	Qty.
1	764913	U3781F345	CYL. HEAD COVER	1
3	766616	U3688X011	GASKET	1
8	764965	32416118	PLUG	1
9	764968	3274P003	NUT	1
10	369003	0920009	WASHER	3
11	369211	33817135	SEAL	3
12	764726	33872525	PIPE, BREATHER	3
13	764727	31754119	SPRING	1
14	763879	2481877	HOSE CLIP	1
15	764728	36241123	BRACKET	1
31	764730	3617A001	PLATE	1
32	765001	3683H006	JOINT	1
33	764409	2314H003	SCREW	2

Fig. 27 - Turbocharger Group



Ref.	Tennant Part No.	Perkins Part Number	Description	Qty.
1	764904	U2674A093	TURBOCHARGER	1
27	765010	3688A008	JOINT	1

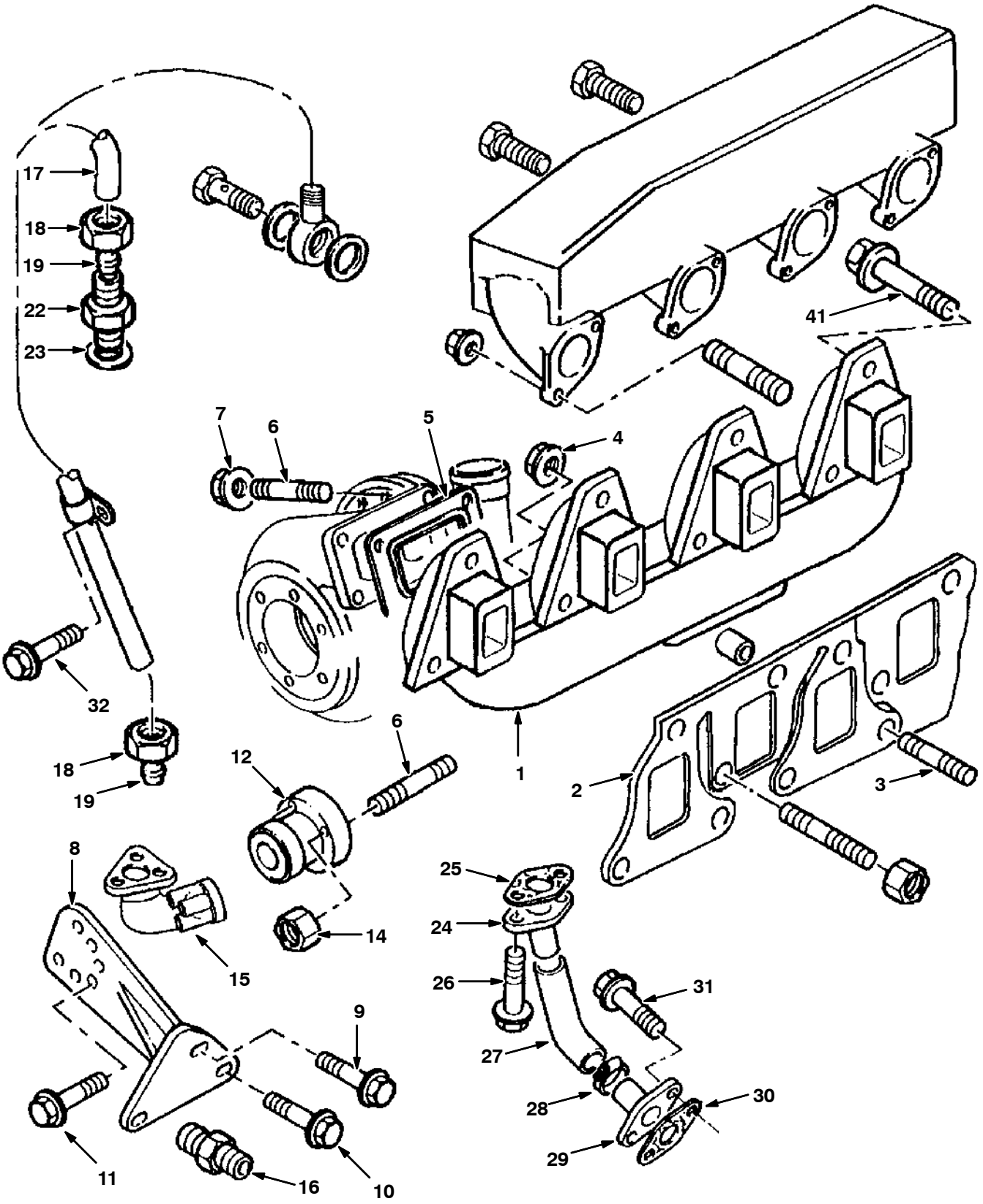
Fig. 28 - Turbochargers Manifolds Group



352487

Ref.	Tennant Part No.	Perkins Part Number	Description	Qty.
1	764912	U3777R012	INDUCT. MANIFOLD	1
2	373194	2314H039	SCREW	4
3	764414	2314H017	SCREW	6
4	764911	U3766P361	ELBOW	1
6	764410	2314H004	SCREW	2
7	765004	3684N505	JOINT	1
8	764985	3383E009	HOSE	1
9	764773	21825199	CLIP	2

Fig. 29 - Turbochargers, Manifolds, and Air Charge Cooler Group

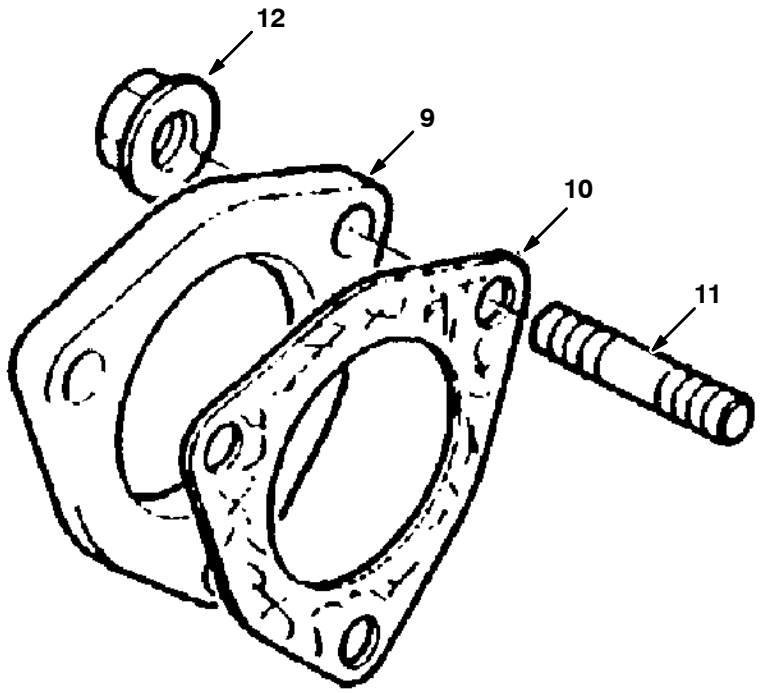


352485

Fig. 29 - Turbochargers, Manifolds, and Air Charge Cooler Group

Ref.	Tennant Part No.	Perkins Part Number	Description	Qty.
1	765018	3778E052	EXHAUST MANIFOLD	1
2	765013	3688C035	JOINT	2
3	373191	3275R003	STUD	4
4	373192	3331C004	NUT	4
5	765010	3688A008	JOINT	1
6	764967	3254K013	STUD	7
7	764423	2318A634	NUT	4
8	765021	3823P006	BRACKET	1
9	764409	2314H003	SCREW	1
10	764415	2314J002	SCREW	2
11	764416	2314J003	SCREW	3
12	764979	3374E021	ADAPTOR	1
14	369024	2318A633	NUT	3
15	765015	3766E005	ELBOW	1
16	764982	33555138	CONNECITON	1
17	765027	4123T014	PIPE, OIL	1
18	764977	33225418	NUT	2
19	764839	0566004	OLIVE	2
22	764980	3353H004	ADAPTOR	1
23	764937	2411B122	WASHER	1
24	764989	3571C029	PIPE, OIL	1
25	765000	3683A004	JOINT	1
26	764933	2314F004	SCREW	2
27	764984	3383A006	HOSE	1
28	763879	2481877	HOSE CLIP	1
29	764990	3571C031	PIPE, OIL	1
30	764860	36832144	JOINT	1
31	764794	2314H033	SCREW	2
32	764408	2314H002	SCREW	1
41	373193	3218J015	SCREW	8

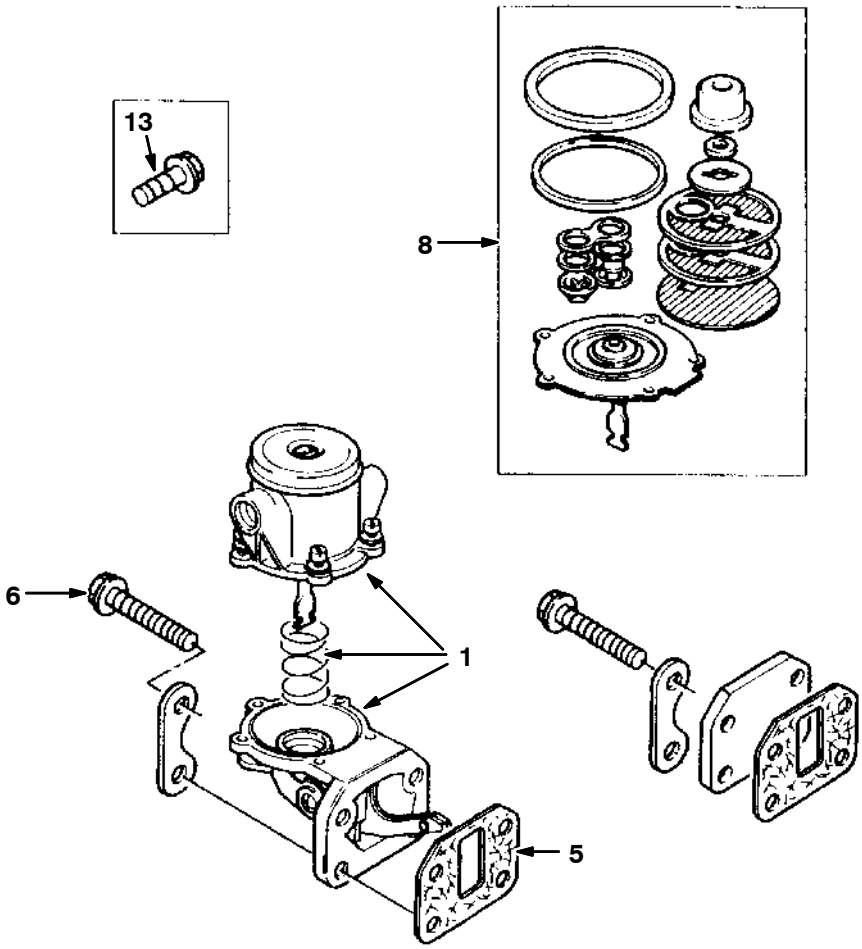
Fig. 30 - Exhaust Flange Group



352489

Ref.	Tennant Part No.	Perkins Part Number	Description	Qty.
9	764789	3623E006	FLANGE	1
10	765012	3688C018	JOINT	1
11	764407	2313C077	STUD	3
12	764423	2318A634	NUT	3

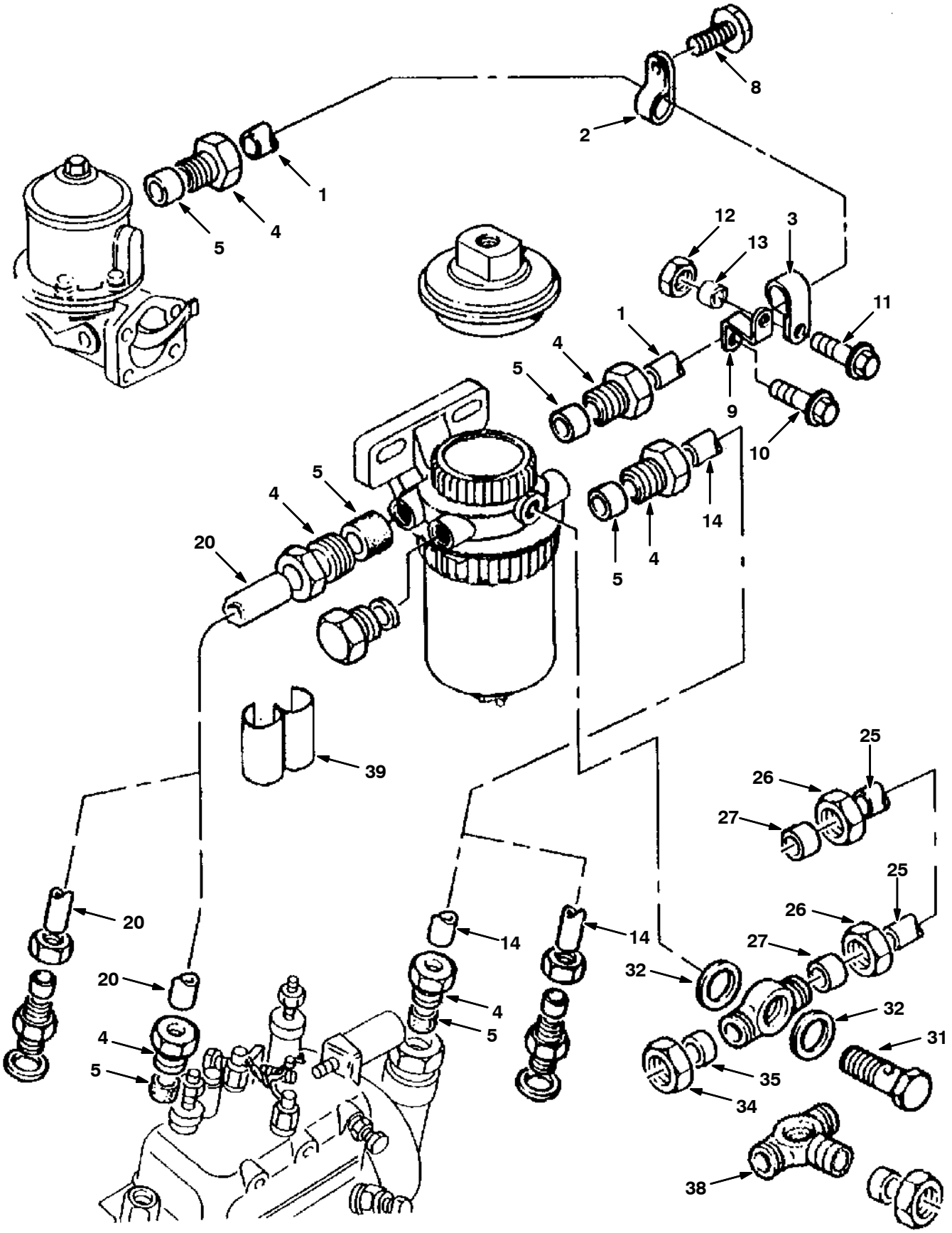
Fig. 31 - Fuel Pump Group



352426

Ref.	Tennant Part No.	Perkins Part Number	Description	Qty.
1	763916	ULPK0005	LIFT PUMP	1
5	21796	36851123	JOINT	1
6	764794	2314H033	SCREW	4
8	763917	ULPR0001	KIT, REPAIR	1
13	764409	2314H003	SCREW	1

Fig. 32 - Low Pressure Fuel Group

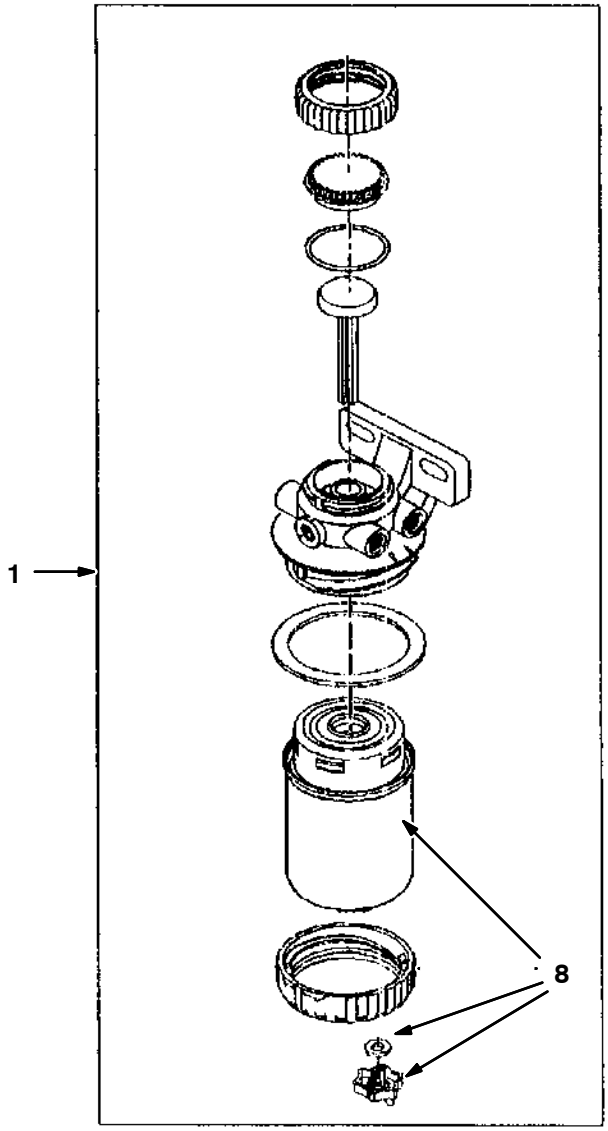


352495

Fig. 32 - Low Pressure Fuel Group

Ref.	Tennant Part No.	Perkins Part Number	Description	Qty.
1	765029	4125T012	PIPE, FUEL	1
2	764995	3656P008	CLIP	1
3	764994	3656P004	CLIP	1
4	30063	33532129	NUT	6
5	32590	33811114	OLIVE	6
8	764409	2314H003	SCREW	1
9	764811	3653R002	BRACKET	1
10	764812	2314F002	SCREW	1
11	764813	2314F006	SCREW	1
12	764814	2318A602	NUT	1
13	763921	0920496	WASHER	1
14	765026	4122M014	PIPE, FUEL	1
20	765025	4122M013	PIPE, FUEL	1
25	764987	3432A025	PIPE, FUEL	1
26	764432	33225412	UNION NUT	2
27	764433	33811112	OLIVE	2
31	764963	3218R013	BOLT	1
32	764802	0920146	WASHER	2
34	764803	0576112	NUT	1
35	764804	0566003	OLIVE	1
38	764960	3172X004	CONNECTION	1
39	765063	2481D301	CLIP	1

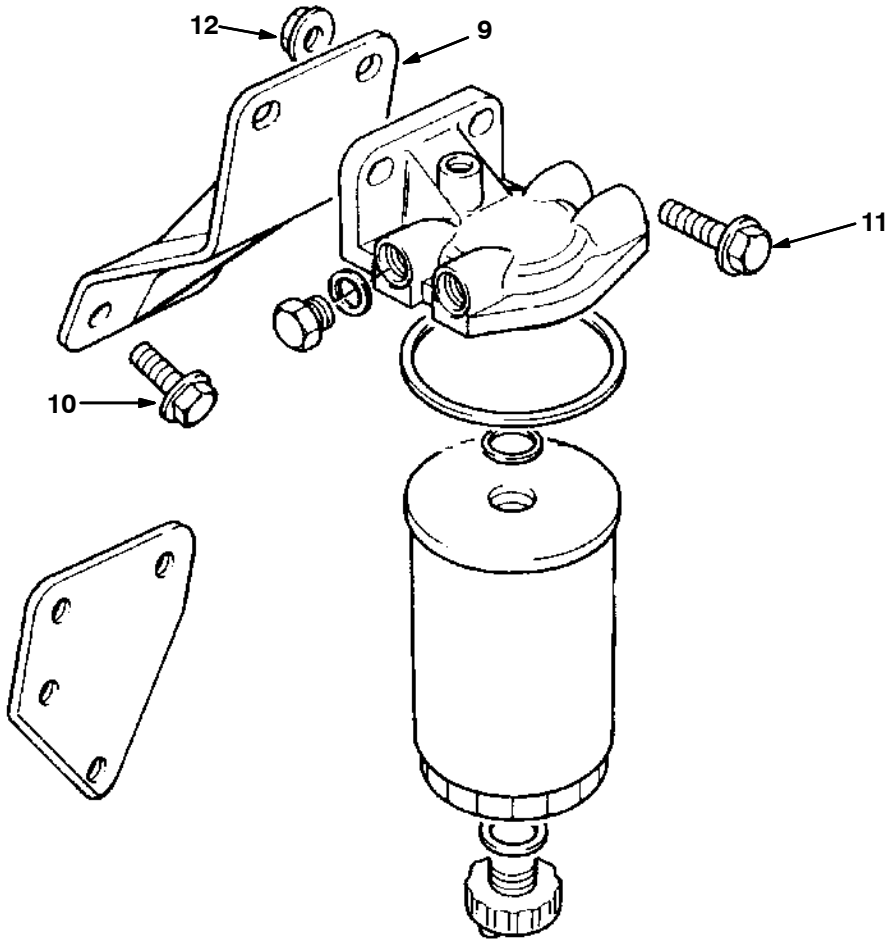
Fig. 33 - Fuel Filter Group



352493

	Ref.	Tennant Part No.	Perkins Part Number	Description	Qty.
▽	1	764948	2656F815	FILTER	1
▲	8	764949	26560143	ELEMENT	1

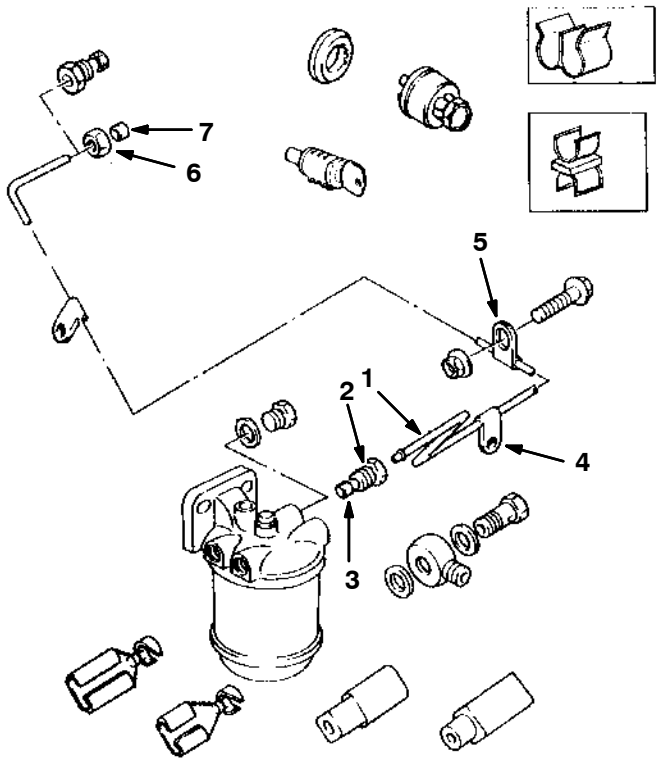
Fig. 34 - Fuel Filter Mount Group



352428

Ref.	Tennant Part No.	Perkins Part Number	Description	Qty.
9	765022	3831E011	BRACKET	1
10	764415	2314J002	SCREW	2
11	764417	2314J004	SCREW	2
12	764422	2318A604	NUT	2

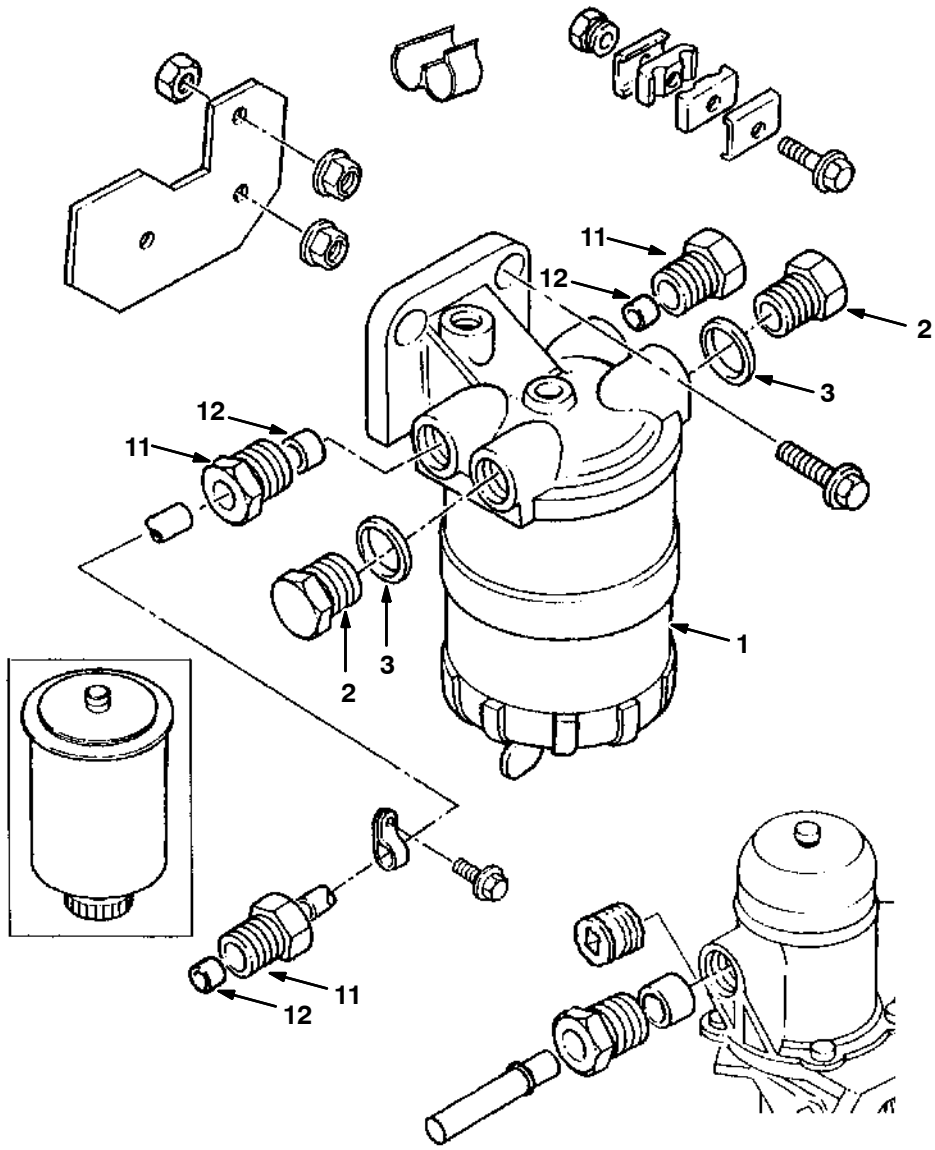
Fig. 35 - Fuel Line Group



352440

Ref.	Tennant Part No.	Perkins Part Number	Description	Qty.
1	765028	4124E128	PIPE, FUEL	1
2	764822	33532148	NUT	1
3	764823	3381A002	OLIVE	1
4	764996	36568132	CLIP	1
5	764997	36568133	CLIP	1
6	764432	33225412	UNION NUT	1
7	764433	33811112	OLIVE	1

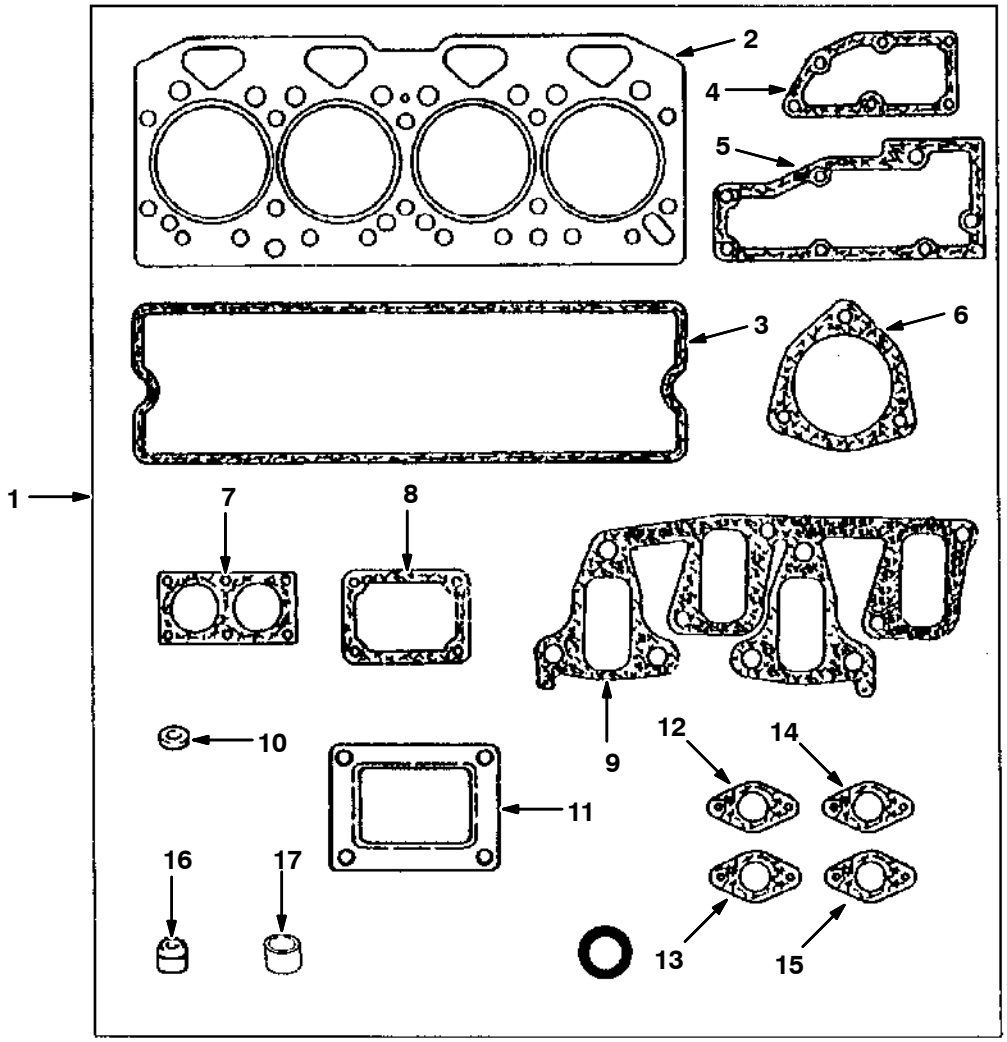
Fig. 36 - Fuel Pre-Lift Pump Group



352498

Ref.	Tennant Part No.	Perkins Part Number	Description	Qty.
1	764947	2656F810	FILTER	1
32436 2	~~764840~~	0650204	PLUG	2
32435 3	~~764841~~	0920154	WASHER	2
11	30063	33532129	NUT	3
12	764839	0566004	OLIVE	3
	764950	26560145	ELEMENT	1

Fig. 37 - Top Gaskets Group



352500

	Ref.	Tennant Part No.	Perkins Part Number	Description	Qty.
▽	1	764917	U5LT0198	GASKET KIT	1
▲	2	764998	3681E031	HEAD GASKET	1
▲	3	765014	3688X005	JOINT	1
▲	4	764850	3687M018	JOINT	1
▲	5	765005	3685A012	JOINT	1
▲	6	764944	2638C026	JOINT	1
▲	7	764853	3684A004	JOINT	1
▲	8	764856	3684N503	JOINT	1
▲	9	765013	3688C035	JOINT	2
▲	10	369259	L311FF02	WASHER	4
▲	11	765009	3688A007	JOINT	1
▲	12	765000	3683A004	JOINT	1
▲	13	764860	36832144	JOINT	1
▲	14	765011	3688C015	JOINT	1
▲	15	765002	36833155	JOINT	1
▲	16	764939	2418M504	SEAL	8
▲	17	764434	33811113	OLIVE	1

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