



97

(Parts Manual)

MM282



This manual is furnished with each new TENNANT Model 97. It provides necessary operating and preventive maintenance instructions. Read this manual completely and understand the machine before operating or servicing it.

This manual covers all machine variations and standard accessories. The instruction portion of the manual consists of the Specification, Operation, Maintenance, and Appendix sections. The parts portion consists of the Low Dump Model Parts; Multi-Level Dump Model Parts; Accessories; Hydraulic Components; and Engine Parts sections.

All right side and left side references to the machine are determined by facing the direction of forward travel. All hardware considered to be of a common nature or locally available has been omitted from the parts sections. Be aware that this machine may contain metric hardware. Make sure you use equivalent hardware when replacement becomes necessary.

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

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

Parts and supplies may be ordered by phone or mail from any Tennant Company parts and service center, distributor, or from any of the Tennant Company subsidiaries. Before ordering parts or supplies, be sure to have your machine model number and serial number handy. Fill out the data block below for future reference. The telephone numbers, telex numbers, mailing addresses, and locations of those outlets are listed in the Customer Documents section of the manual.

MACHINE DATA	
<i>Please fill out at time of installation.</i>	
Machine Serial Number –	_____
Engine Serial Number –	_____
Sales Representative –	_____
Customer Number –	_____
Date of Installation –	_____
Manual Number –	MM282
Revision:	00
Published:	2–91

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SECTION 5

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NOTE: SECTION 5, LOW DUMP MODEL PARTS, lists repair parts for a low dump model machine. This section also contains parts common to all models of the machine.

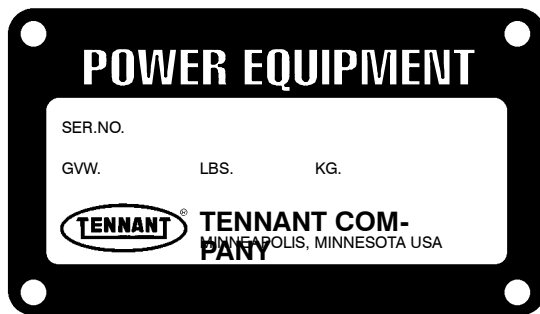
ORDERING REPAIR PARTS

The components used in this machine have been carefully selected for performance and safety. Use only TENNANT specified or equivalent parts.

To receive prompt service in filling of your parts orders, please direct all orders for parts with TENNANT part numbers to the TENNANT, and all orders for parts with vendor part numbers to the local supplier of the respective vendor.

When ordering parts, please furnish all of the following information:

1. Machine model number - shown on the machine data plate.



2. Machine serial number - shown on the machine data plate.
3. Power source - gasoline, LPG, diesel, electric.
4. Company name.
5. Shipping address.
6. Billing address.
7. Name, first and last - of person ordering parts.
8. Telephone number.
9. Purchase order number.
10. Part number, description, and quantity - of each item on the order.
11. Customer ID Number.

Do not order parts by key number or the figure number of the illustrated parts. Indented items indicate parts of assemblies. Standard hardware is furnished only when part of a purchased assembly. Please get hardware from a local hardware supplier.

If the old part cannot be identified, send it to us with the quantity needed specified on the order.

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

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

SERIAL NUMBER INFORMATION EXPLANATION

Serial number listings are shown to indicate on which machines each part can be used. These listings are explained by the following examples:

(000000—) The part can be used on all machines.

(003342—) The part can be used on all machines beginning with the serial number listed.

(000000—004320) The part can be used on all machines up to and including serial number listed.

(004321—005678) The part can be used on all machines between and including the serial numbers listed.

Where xxxxxx's are listed in place of a serial number, it indicates a change was made but the exact serial number had not been established when the catalog went to press.

SI UNITS OF MEASURE (INTERNATIONAL SYSTEM)

Metric equivalents have been included, where applicable, throughout this parts catalog.

FASTENER STRENGTH IDENTIFICATION

Fasteners required to have high—strength qualities equivalent to SAE Grade 8 are identified throughout this catalog by the description GR 8. Unless identified by this description, all standard fasteners are SAE Grade 5.

(Specifications and design subject to change without notice.)

Fig. 1 – Recommended General Maintenance Items

06768

Key	TENNANT Part No.	Machine Serial Number	Description	Qty.
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NOT AVAILABLE AT TIME OF PUBLICATION

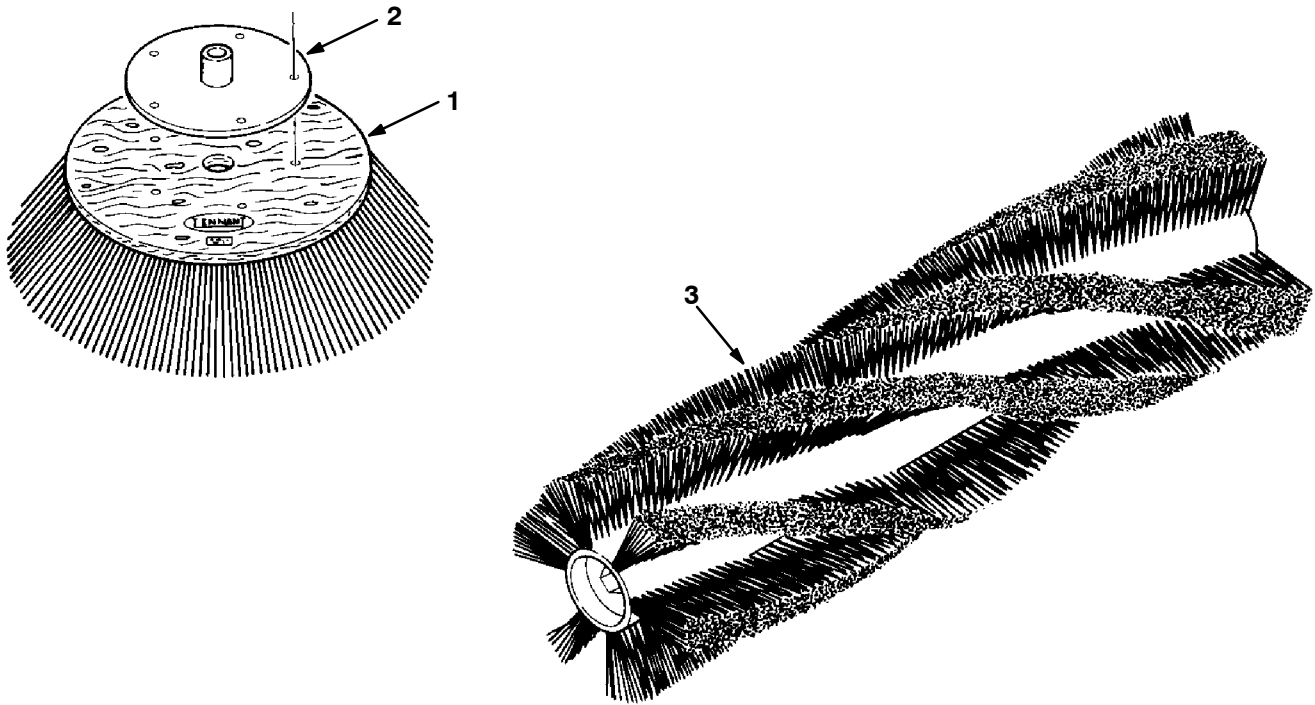


Fig. 2 – Replacement Brushes

06667

Key	TENNANT Part No.	Machine Serial Number	Description	Qty.
1	36141	(010000–)	Brush–Side Swp–26 D–Assy–Nyl	1
	51021N	(010000–)	Brush–Side Swp–26 D–Nyl	1
2	35776	(010000–)	Plate Wldt, Support,Side Brush	1
	36140	(010000–)	Brush–Side Swp–26 D–Assy–Fltw	1
	51542	(010000–)	Brush–Side Swp–26 D–Fltw	1
	35776	(010000–)	Plate Wldt, Support,Side Brush	1
3	35323	(010000–)	Brush–Sweep Spl–50Lg–24Sr–Nyl	1
3	35324	(010000–)	Brush–Sweep Spl–50Lg– 8Dr–P&W	1
3	35325	(010000–)	Brush–Outsd Spl–50Lg– 8Dr–Poly	1
3	35326	(010000–)	Brush–Sweep Spl–50Lg– 8Dr–Poly	1
3	35327	(010000–)	Brush–Sweep Spl–50Lg– 8Dr–Wire	1
3	35336	(010000–)	Brush–Patrl Spl–50Lg– 4Qr–Nyl	1

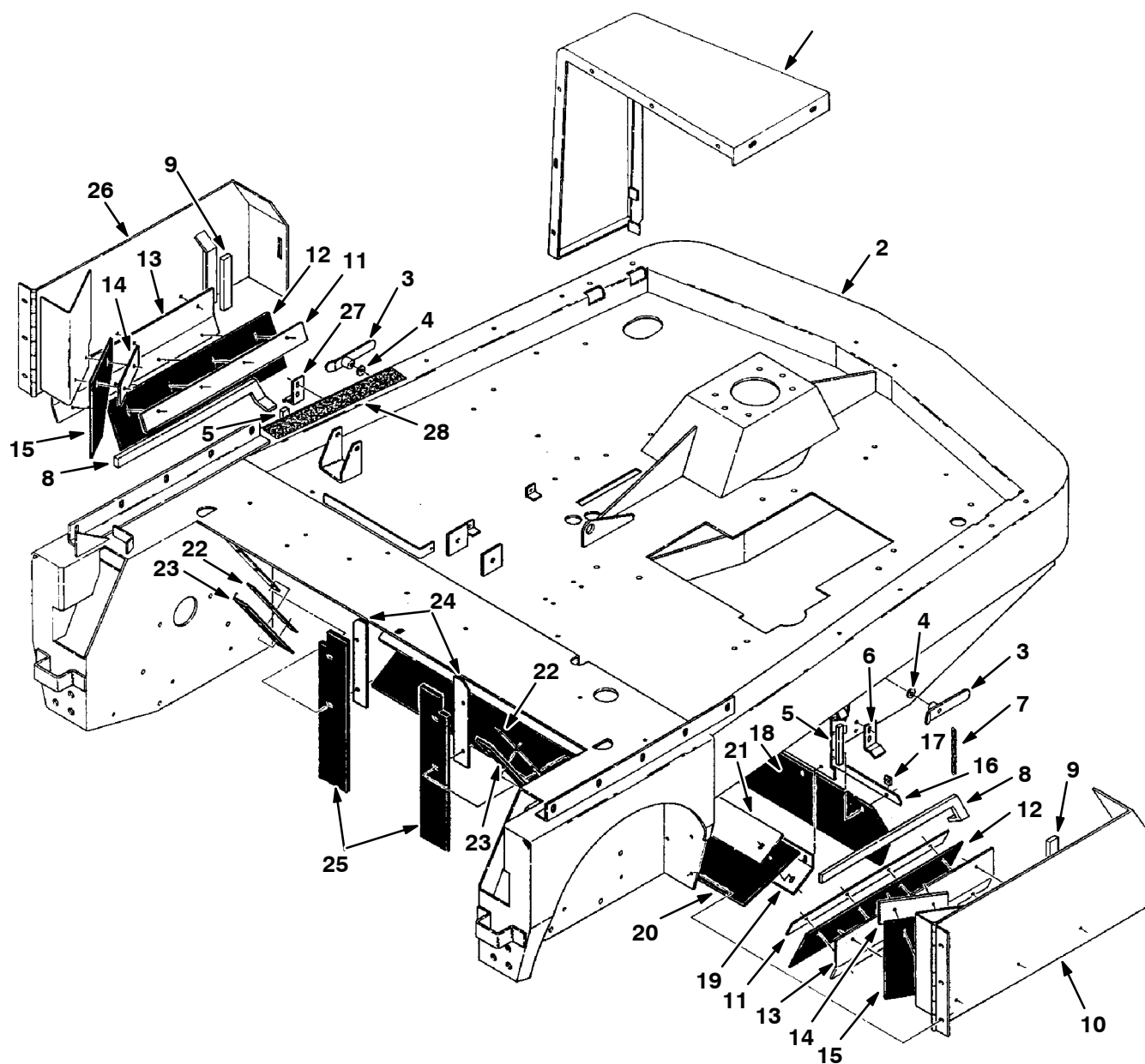


Fig. 3 – Main Frame Group

Fig. 3 – Main Frame Group

Key	TENNANT Part No.	Machine Serial Number	Description	Qty.
1	51325	(010000–)	Panel Weldm., Corner, Rear, R.H	1
2	35213	(010000–)	Frame Wldt, Main, 97 Lo–D	1
3	52290	(010000–)	Handle Weld	2
4	52296	(010000–)	Washer, Nyl, 0.405Bx0.812X.060Th	2
5	65079–1	(010000–)	Seal, Foam Rbr, .50 1.00W 4.3L	2
6	51172–1	(010000–)	Clip, S.Br.Door, L.H.	1
7	09342	(010000–)	Chain, Link#2/0, 5Links Plain	1
8	65079	(010000–)	Seal, Foam Rbr, .50 1.00W 32.5L	2
9	60731	(010000–)	Seal, Foam Rubber, .50X1.00X7.5	2
10	35338	(010000–)	Door Wldt, Brush, Lh	1
11	35343	(010000–)	Strip, Retainer, Skirt	2
12	35342	(010000–)	Skirt, Side Door	2
13	35341	(010000–)	Bracket, Side Skirt	2
14	35345	(010000–)	Strip, Retainer, Skirt	2
15	35344	(010000–)	Skirt, Side Door, Front	2
16	62111	(010000–)	Strip, .12T .8W51.5L 7/.38H8.0C	1
17	02485	(010000–)	Nut Speed, Retainer 5/16–18 Unc	7
18	36243	(010000–)	Skirt, Rear	1
19	62152	(010000–)	Bracket Deflector, Rear	1
20	36244	(010000–)	Flap, Rear	1
21	62644	(010000–)	Strip, .11T3.5W50.0L 7/.38S8.0C	1
22	65107	(010000–)	Strip, Retainer	2
23	65076	(010000–)	Seal	2
24	51091	(010000–)	Retainer, Seal, Side	2
25	51090	(010000–)	Seal, Pan, Side	2
26	35337	(010000–)	Door Wldt, Brush, Rh	1
27	51172	(010000–)	Clip, S.Br.Door, R.H.	1
28	75430	(010000–)	Pad, Tread	1

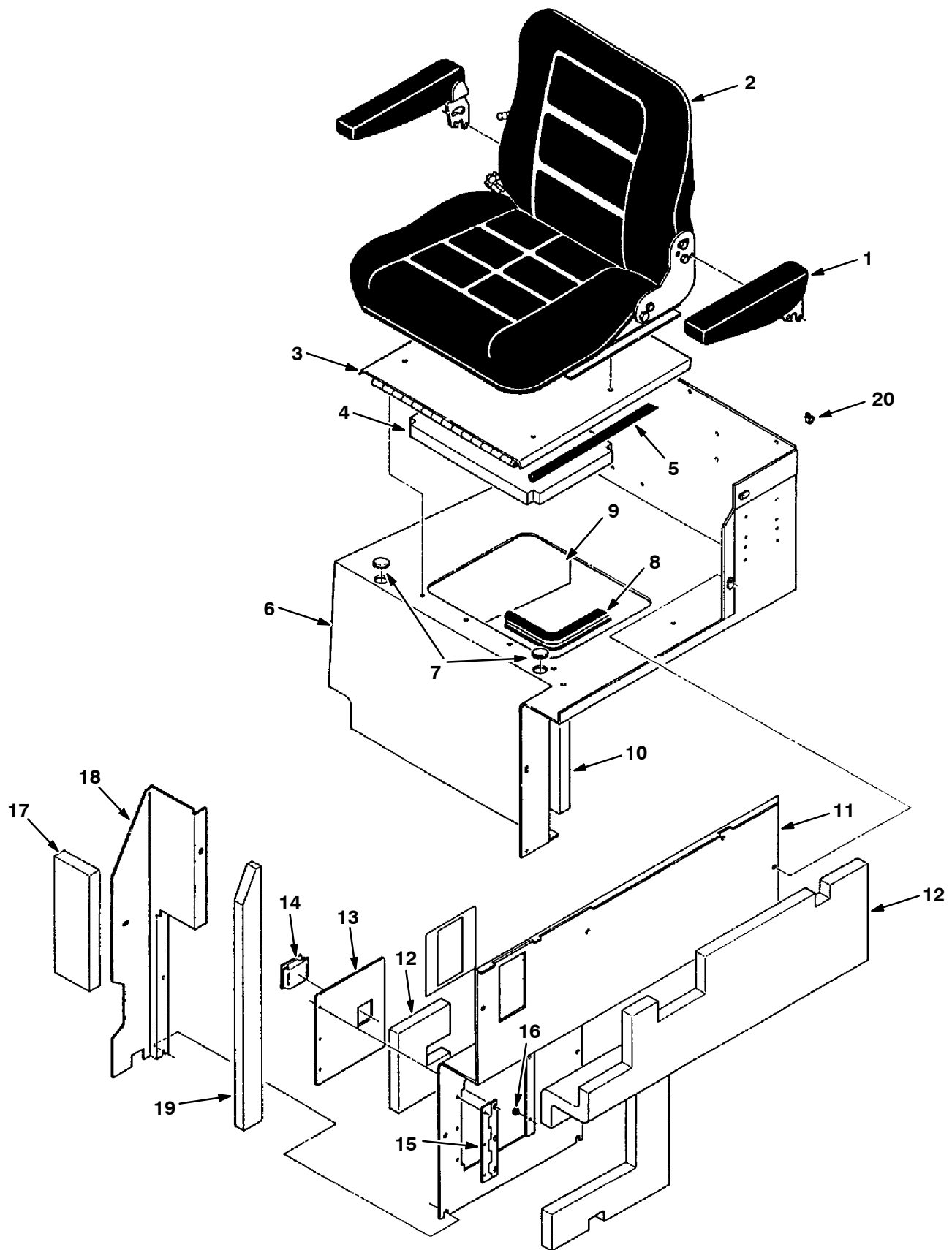


Fig. 4 – Seat Support Group

Fig. 4 – Seat Support Group

Key	TENNANT Part No.	Machine Serial Number	Description	Qty.
1	34252	(010000–)	Armrest Assy,Lh& Rh	1
2	34251	(010000–)	Seat, Grammer Gs–12	1
3	35403	(010000–)	Plate Wldt, Seat	1
4	60881	(010000–)	Insulation, S/Foam, Seat	1
5	60738	(010000–)	Molding, Trim 11–14Ga 51.5	1
6	35376	(010000–)	Frame Wldt, Seat Support	1
7	47178	(010000–)	Plugbtn 1.00H .11–.12 Chromstl	2
8	60739	(010000–)	Seal, 50.0 Lg	1
9	60882	(010000–)	Insulation, S/Foam, Seat Spt–R	1
10	60884	(010000–)	Insulation, S/Foam, Seat Spt–F	1
11	35394	(010000–)	Panel, Side	1
12	60887	(010000–)	Insulation, S/Foam, Access Pnl	1
13	35387	(010000–)	Door, Access	1
14	35397	(010000–)	Latch, Slide	1
15	35388	(010000–)	Hinge	1
16	36210	(010000–)	Bumper, Rubber	2
17	60885	(010000–)	Insulation, S/Foam, Fill Pnl	1
18	35347	(010000–)	Panel Wldt, Filler	1
19	60886	(010000–)	Insulation, S/Foam, Fill Pnl	1
20	40678	(010000–)	Clamp, Cable .44D .62Wide	3

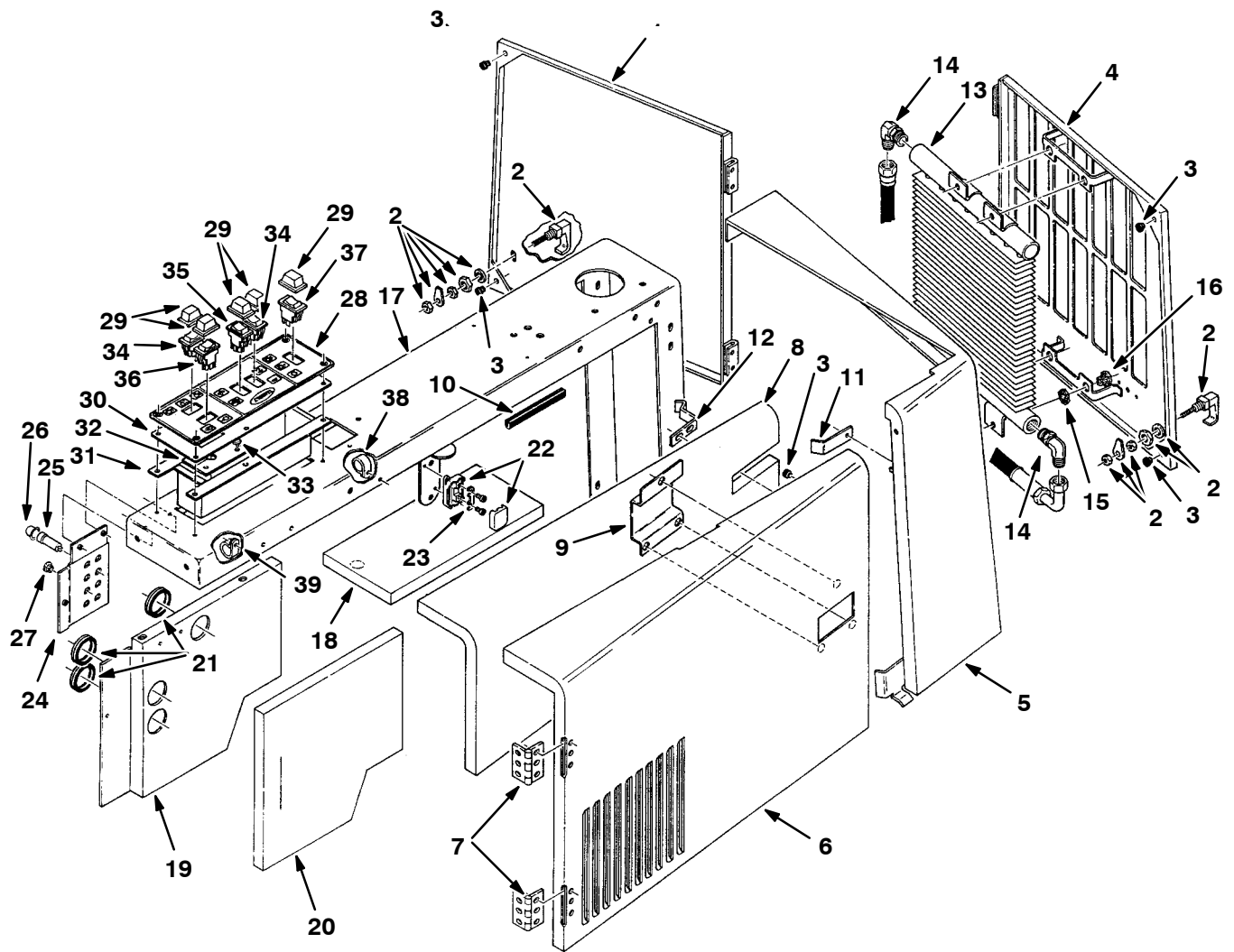


Fig. 5 – Side and Rear Doors Group

Fig. 5 – Side and Rear Doors Group

Key	TENNANT Part No.	Machine Serial Number	Description	Qty.
1	34275	(010000–)	Door Weldmt, Rear W/Label	1
2	51375–1	(010000–)	Latch, Rear Door	2
3	51787	(010000–)	Bumper, Rubber	6
4	35478	(010000–)	Door Wldt, Rear Lh	1
5	35474	(010000–)	Panel Wldt, Corner Rear Lh	1
6	35460	(010000–)	Door Wldt, Engine Side	1
7	47974	(010000–)	Hinge, Reversed Type	2
8	35458	(010000–)	Foam, Acoustic	1
9	16755	(010000–)	Channel, Door Pull	1
10	62595–3	(010000–)	Molding, Trim 11–14Ga 5.75	1
11	35472	(010000–)	Angle, Stop Engine Door	1
12	53697	(010000–)	Catch, Spring	2
13	13698	(010000–)	Cooler, Hyd	1
14	46481	(010000–)	Ftg–Hyd E90 Jm12/Om12	2
15	62172	(010000–)	Ring	4
16	62173	(010000–)	Bushing, Isolator–Inner,Rbr.	4
17	35374	(010000–)	Channel Wldt, Stiffener, Lintl	1
18	60880	(010000–)	Insulation, S/Foam, Channel	1
19	35384	(010000–)	Panel Wldt, Noise Deflector	1
20	62210	(010000–)	Insulation,S/Foam1.0Xw/Cut–Off	1
21	47080	(010000–)	Grommet,Rbr,1.63ld,For .06Matl	3
22	34802	(010000–)	Fuse Holder	1
23	34803	(010000–)	Fuse, 80 Amp	1
24	35386	(010000–)	Panel, Circuit Breaker	1
25	57803	(010000–)	Breaker–Circuit, 15A Resetable	3
26	57751	(010000–)	Boot–Circuit Breaker	3
27	57167	(010000–)	Plugbtn .62H .03–.12 Blacknyl	5
28	35367	(010000–)	Plate, Switch	1
29	57807	(010000–)	Cover, Rocker Switch Seal	5
30	61861	(010000–)	Gasket, Switch Plate	1
31	61858	(010000–)	Box Wldt, Switch	1
32	61865	(010000–)	Seal, Harness	1
33	36214	(010000–)	Clip, Dart	4
34	60901	(010000–)	Switch, Rocker Dpdt (Mom)	2
35	60904	(010000–)	Switch, Rocker Dpdt (Mom)	1
36	60905	(010000–)	Switch, Rocker Spdt (Mom)	1
37	35389	(010000–)	Switch, Rocker, Progressive	1
38	40678–1	(010000–)	Clamp–Cable, .88Dia .56Wth	1
39	58366	(010000–)	Clamp,Support, Hyd.Hose	1

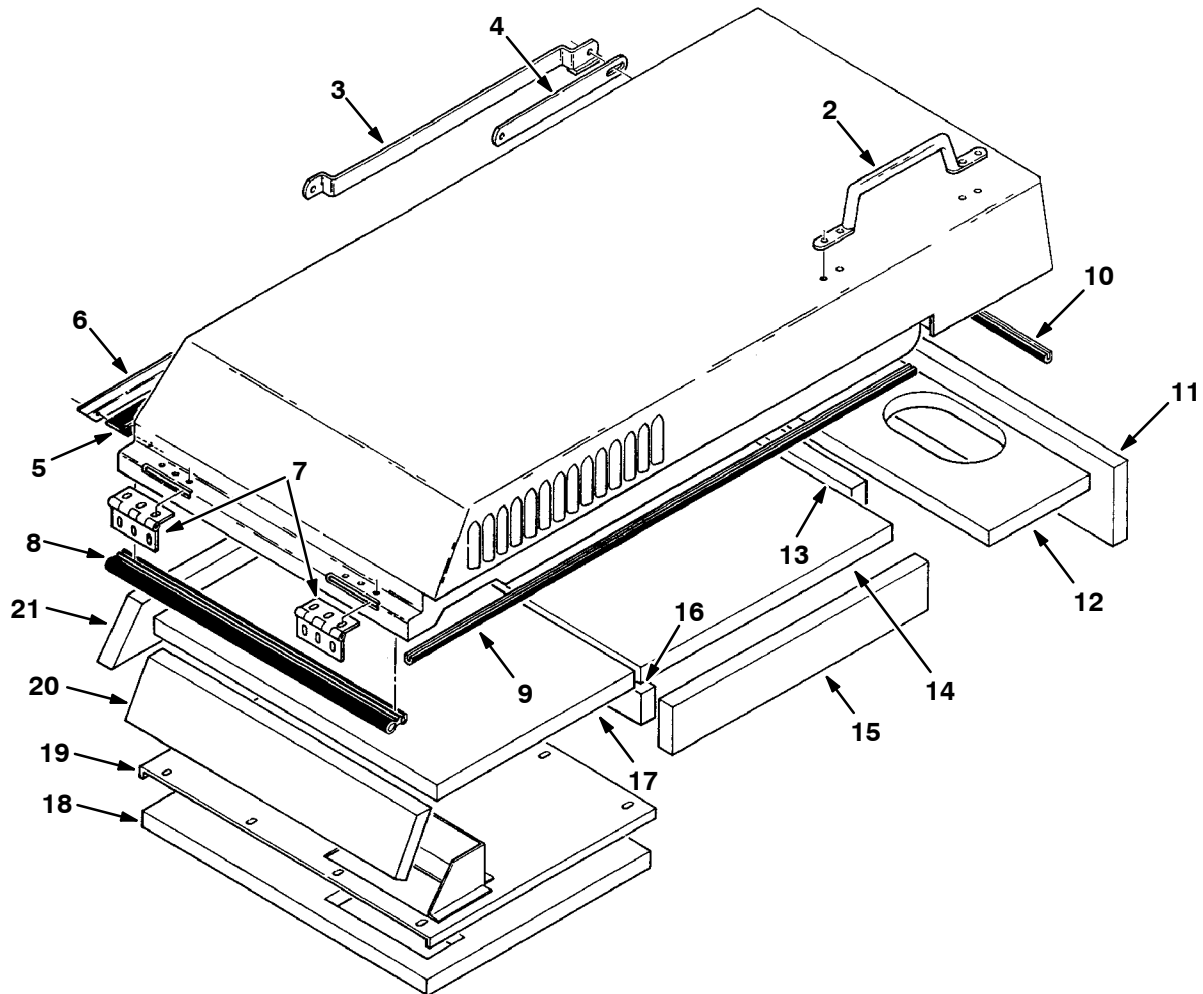


Fig. 6 – Engine Hood Group

06672

Key	TENNANT Part No.	Machine Serial Number	Description	Qty.
1	60700	(010000–)	Hood Wldt, Engine	1
2	32822	(010000–)	Handle, Grab	1
3	60706	(010000–)	Arm Wldt, Hinge	1
4	62759	(010000–)	Arm, Hinge – Short	1
5	60722	(010000–)	Seal, Engine Cover	1
6	60721	(010000–)	Strip, Retainer, Seal	1
7	47974	(010000–)	Hinge, Reversed Type	2
8	60719	(010000–)	Seal, 20.0 Lg	1
9	49758	(010000–)	Molding, Trim 16Ga&Thinnr37.0	1
10	59118–2	(010000–)	Molding, Trim 16Ga&Thinnr19.9	1
11	62055	(010000–)	Insul.,S/Foam1.0X 4.8X21.0 L	1
12	34934	(010000–)	Foam Acoustic	1
13	52843	(010000–)	Insulation,Hood 1X3.0X15.0 L	1
14	39745	(010000–)	Insulation,S/Foam1.0X17.6X20.0	1
15	39743	(010000–)	Insulation,S/Foam1.0X 3.0X18.0	2
16	39744	(010000–)	Insulation,S/Foam1.0X 2.0X19.1	1
17	39746	(010000–)	Insulation,S/Foam1.0X14.0X19.0	1
18	36067	(010000–)	Foam, Acoustic	1
19	60710	(010000–)	Plate Wldt, Exhaust Chamber	1
20	39748	(010000–)	Insulation,S/Foam1.0	1
21	39747	(010000–)	Insulation,S/Foam1.0Xw/Cut–Off	1

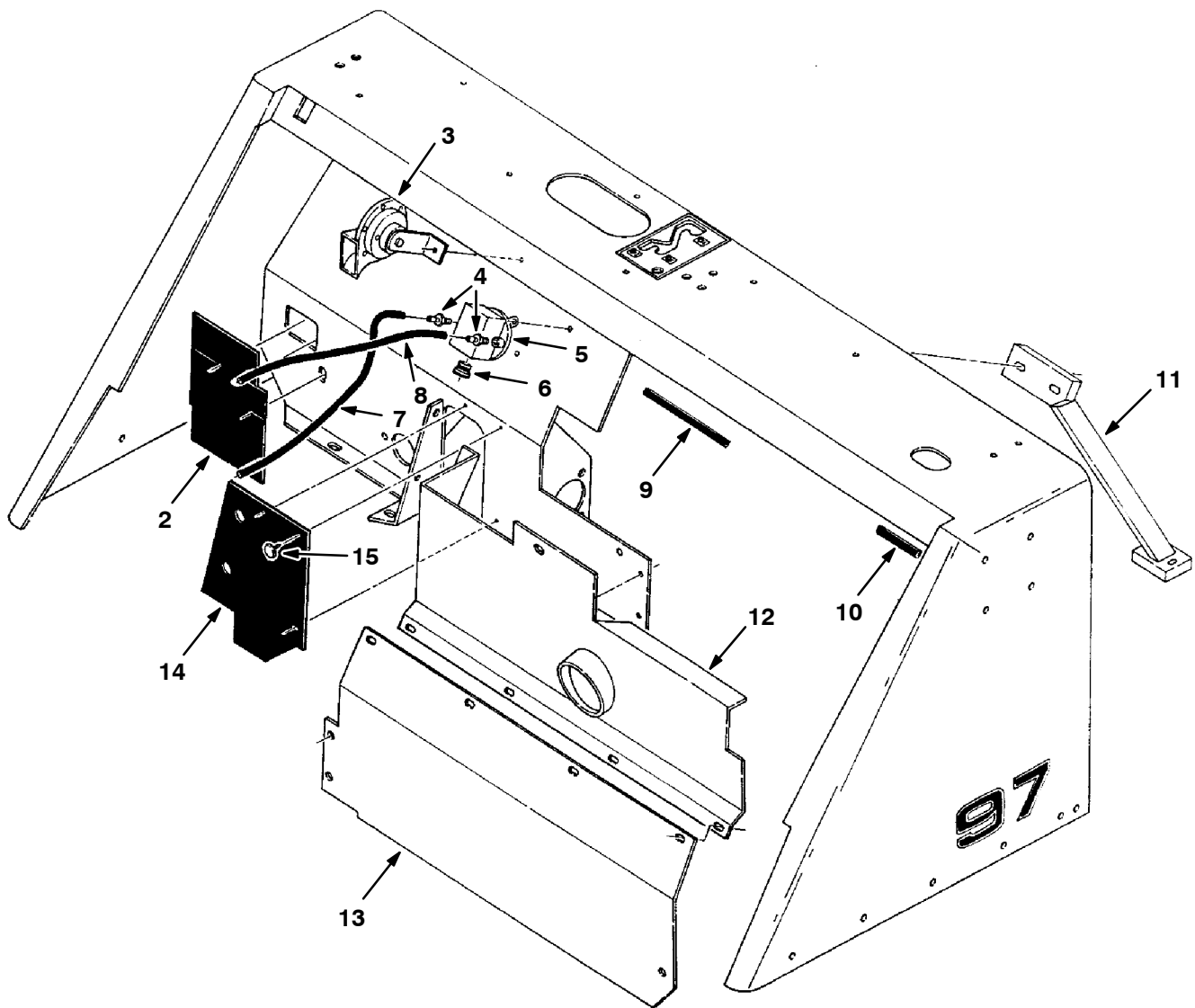


Fig. 7 – Lintel Group

06675

Key	TENNANT Part No.	Machine Serial Number	Description	Qty.
1	35391	(010000–)	Lintel Wldt, Lo–D	1
2	60708	(010000–)	Cover, Rubber, Cable	1
3	14138A	(010000–)	Horn, 12V	1
4	40607	(010000–)	Ftg–Brs Str Bm03/Pm02	2
5	34868	(010000–)	Switch, Pressure	1
6	37031	(010000–)	Strainrelief,F/Flat Spt–3 Cord	1
7	39780	(010000–)	Hose Vac.,Rubber, .16ld,40.0L	1
8	39780–1	(010000–)	Hose Vac.,Rubber, .16ld,28.0L	1
9	62595	(010000–)	Molding, Trim 11–14Ga 7.0	1
10	50850	(010000–)	Molding, Trim 11–14Ga 3.2	1
11	65054	(010000–)	Brace Weldm.,Lintel	1
12	36185	(010000–)	Panel Wldt, Front Upper, Lo–D	1
13	36193	(010000–)	Panel, Front Lower, 97	1
14	35789	(010000–)	Cover, Rubber	1
15	36214	(010000–)	Clip, Dart	5

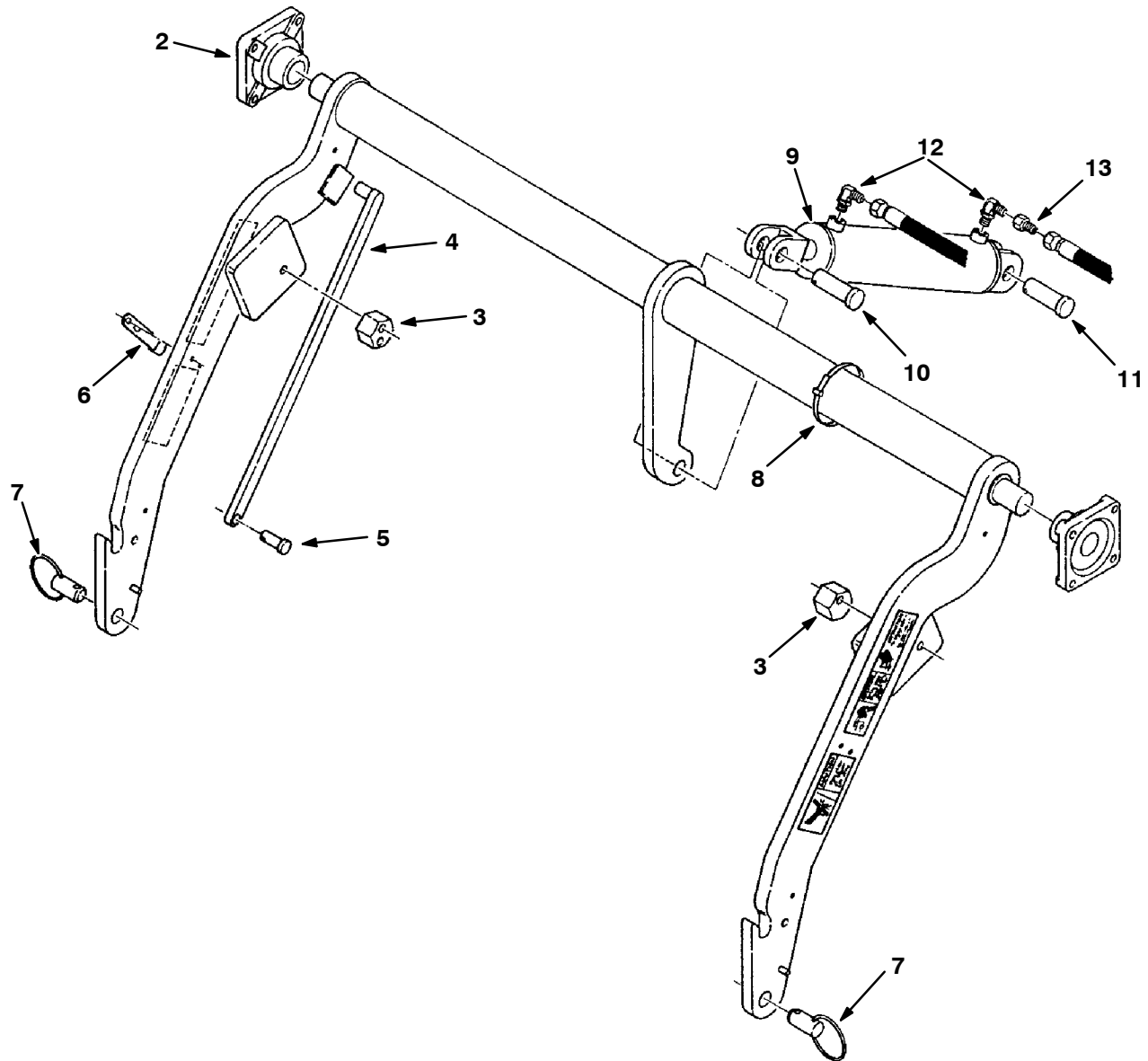


Fig. 8 – Hopper Lift Arms Group

06676

Key	TENNANT Part No.	Machine Serial Number	Description	Qty.
1	60949	(010000—)	Arm, Lift, Lo—D W/Label	1
2	51315	(010000—)	Bearing—Flange,4 Hole 1.44Bore	2
3	36995	(010000—)	Cam, Eccentric	2
4	51883	(010000—)	Arm Weldm.,Hopper Stop L	1
5	51876	(010000—)	Pin,Clevis,0.62 Dia.X1.50 Lg	1
6	52036	(010000—)	Catch,Spring,Ht.Trtd.&Cad.Pltd	1
7	51316	(010000—)	Pin,Quick Release,1.00DiaX2.34	2
8	44961	(010000—)	Tie, Cable 4.00D Max 14.50Lg	8
9	34327	(010000—)	Cylinder 3.0 20.8Ret11.80 2500	1
10	34410	(010000—)	Pin,Clevis 1.0D X 3.0L	1
11	04733—4	(010000—)	Pin,Clevis,1.00 Dia.X 2.50 Lg	1
12	77097	(010000—)	Ftg—Hyd E90 Jm04/Om04	2
13	35689	(010000—)	Ftg—Hyd Rst Jm04/.078	1

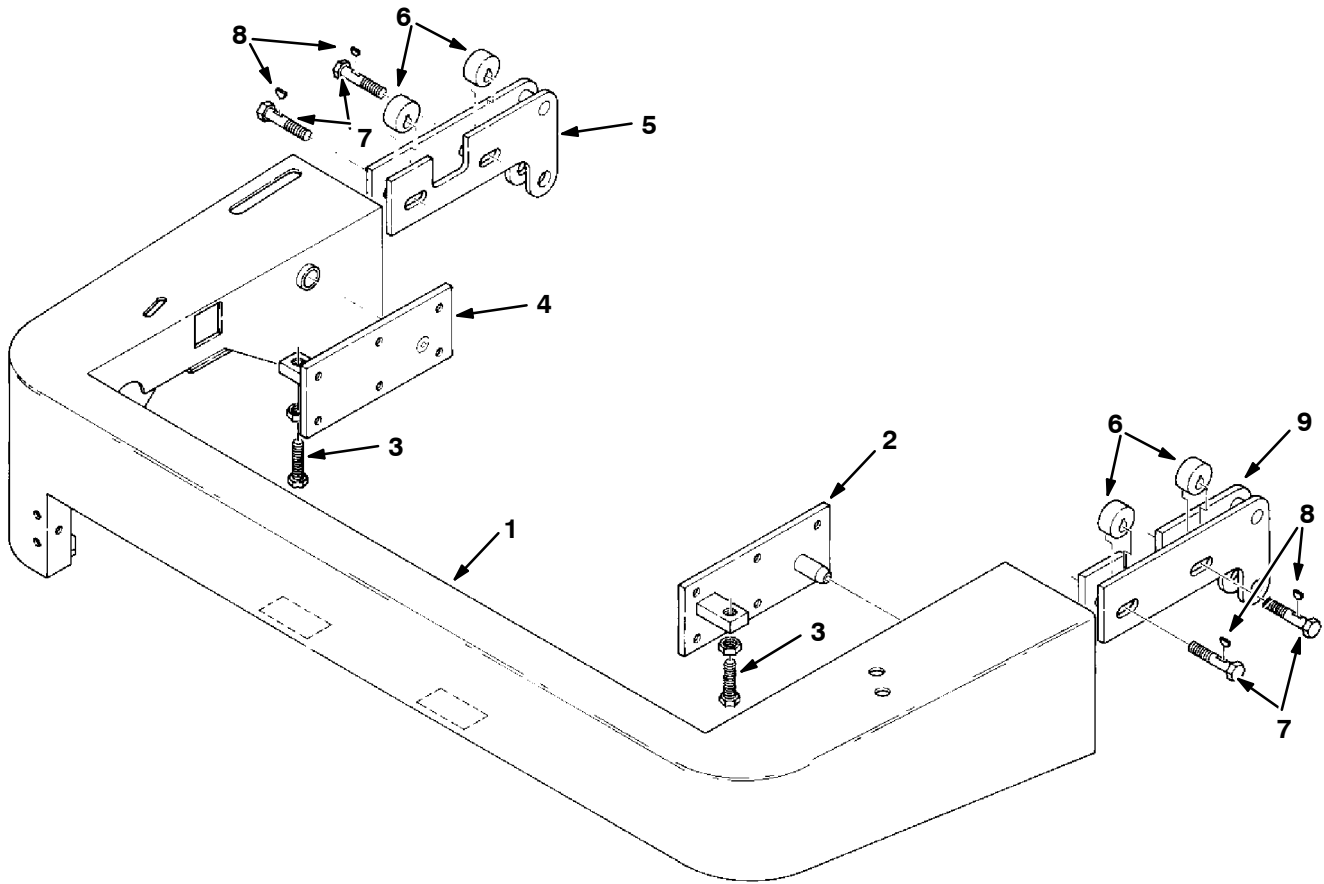


Fig. 9 – Bumper Group

06677

Key	TENNANT Part No.	Machine Serial Number	Description	Qty.
1	60953	(010000–)	Bumper, Hopper, Lo–D W/Label	1
2	51156	(010000–)	Left Hopper Adj. Weld.	1
3	39395	(010000–)	Scr–Hex .75–10X2.50 Full Thd	2
4	51151	(010000–)	Right Hopper Adj. Weld.	1
5	51116–1	(010000–)	Hopper L.Adapt.Weld.,R.H.	1
6	51128	(010000–)	Cam, Lift Bar	4
7	51108	(010000–)	Scrw Hex Cap .62–11X3.0	4
8	00500–5	(010000–)	Key–Wdruff 0.12 0.62 Asa#0405	4
9	51116	(010000–)	Hopper L.Adapt.Weld.,L.H.	1

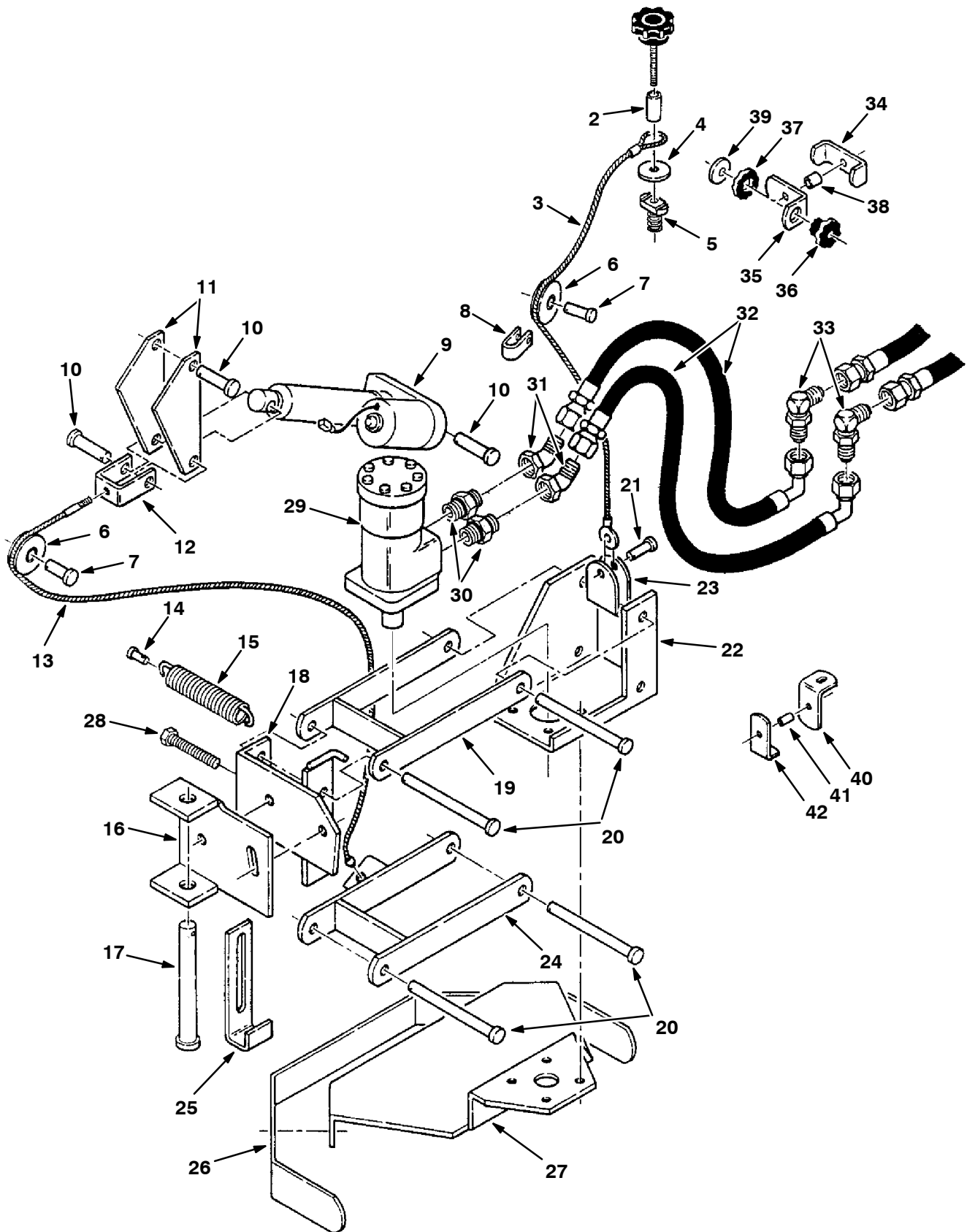


Fig. 10 – Side Brush Group

Fig. 10 -- Side Brush Group

Key	TENNANT Part No.	Machine Serial Number	Description	Qty.
1	41341	(010000—)	Knob, Plastic	1
2	40716	(010000—)	Sleeve, .385B .62D.62Cd.Cad	1
3	34500	(010000—)	Cable Side Brush Adjust .18X22	1
4	36996	(010000—)	Washer, .406B 1.50D .19Hr	1
5	34511	(010000—)	Nut, Spring Loaded .38—16	1
6	34532	(010000—)	Roller, Cable	2
7	51529	(010000—)	Pin, Clevis, 0.50 Dia. X 1.25 Lg	2
8	34529	(010000—)	Bracket, Cable Retainer	1
9	35297	(010000—)	Actuator, 12 Vdc	1
10	51534	(010000—)	Pin, Clevis, 0.50 Dia. X 2.00 Lg	3
11	16781	(010000—)	Arm, Swing, Actuator, Stop	2
12	34504	(010000—)	Connector Cable	1
13	34501	(010000—)	Cable Side Brush Lift .18X18	1
14	46800	(010000—)	Pin, Clevis .312D.; .750 D.	1
15	47745	(010000—)	Sprng, Tens, 1.12Odx.14Wire 6.3L	1
16	52667	(010000—)	Pivot Weldment	1
17	51414	(010000—)	Pin, Clevis, 0.75 Dia. X 6.50 Lg	1
18	52663	(010000—)	Bracket Weld, Side Brush	1
19	45599	(010000—)	Link Weldt, Side Brush	1
20	51225	(010000—)	Pin, Clevis, 0.50 Dia. X 5.50 Lg	4
21	46657	(010000—)	Pin, Clevis, 0.37 Dia. X 1.25 Lg	1
22	62303	(010000—)	Brkt, Motor	1
23	52742	(010000—)	Channel, Connector — Cable	1
24	34523	(010000—)	Link, Parallel, Weld'T Lower	1
25	34522	(010000—)	Bracket Side Brush Stop	1
26	51210	(010000—)	Bumper, Side Brush, Spring Steel	1
27	51209A	(010000—)	Bracket, Support, Bumper S.Br.92	1
28	53963A	(010000—)	Scr—Hex .50—13X3.00 Full Thd	1
29	19349	(010000—)	Motor—Hyd Gear (See Hydraulic Components)	1
30	47508	(010000—)	Ftg—Hyd Str Jm06/Om10	2
31	16472	(010000—)	Ftg—Hyd E45 Jm06/Jf06	2
32	35486	(010000—)	Hose—Hyd Med06 Jf/J9	2
33	57075	(010000—)	Ftg—Hyd E90 Jm06/Jm06	2
34	51715	(010000—)	Clamp, Hose	1
35	62697	(010000—)	Brkt, Hose	1
36	62173	(010000—)	Bushing, Isolator—Inner, Rbr.	1
37	62172	(010000—)	Ring	1
38	09900—1	(010000—)	Sleeve, .260B .50D .75 Pnt.Gr	1
39	30013	(010000—)	Washer—Flt .31 Fender Pltd	1
40	34068	(010000—)	Brkt, Hose	1
41	34069	(010000—)	Sleeve, .260B .375D .75 Stl	1
42	34067	(010000—)	Clamp, Hose	1

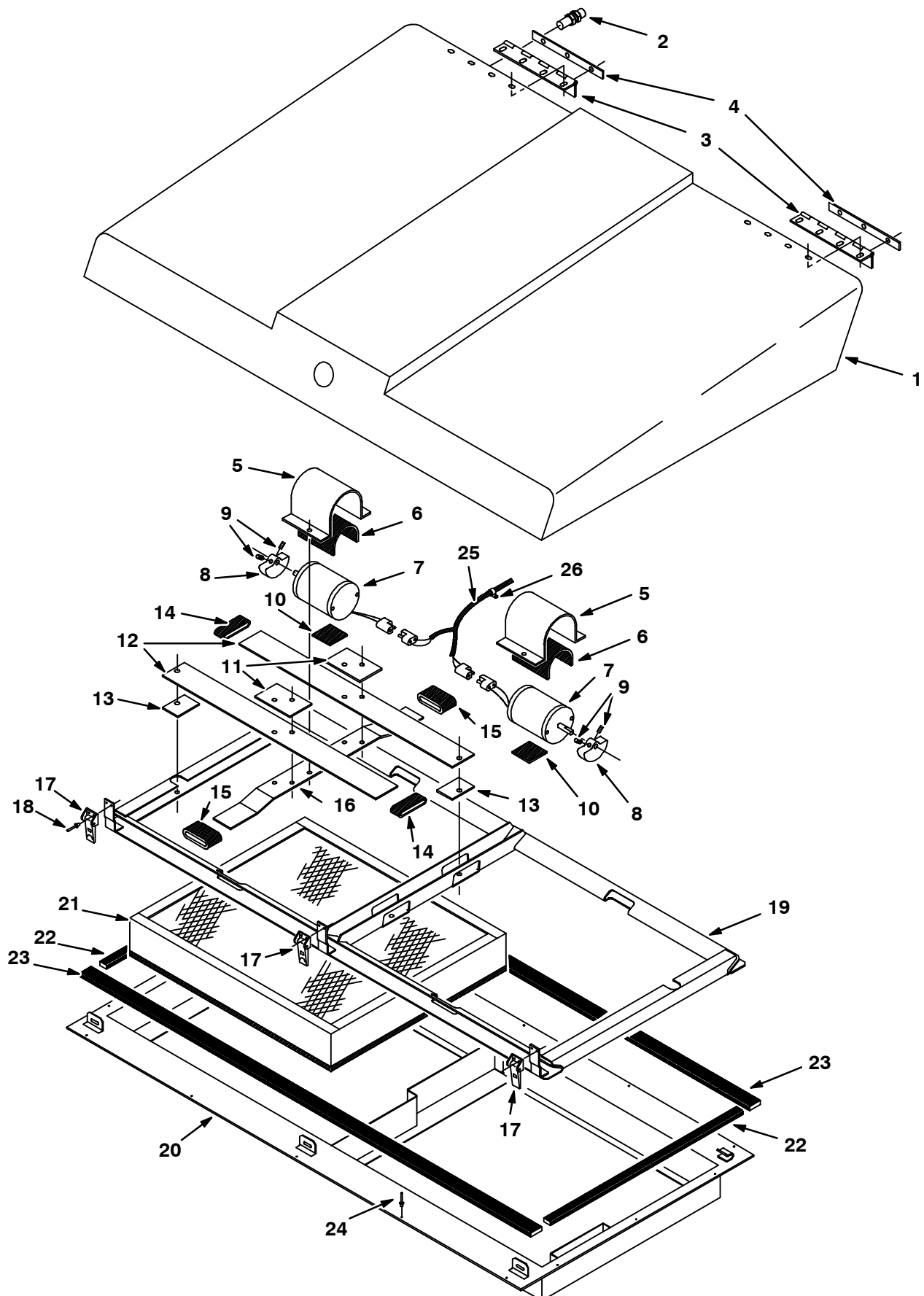


Fig. 11 – Filter Box Assembly

Fig. 11 – Filter Box Assembly

Key	TENNANT Part No.	Machine Serial Number	Description	Qty.
1	35234	(010000–)	Cover Wldt, Filterbox	1
2	39923	(010000–)	Ftg,Bulkhead–Barb Wh 1074X4	1
3	34622	(010000–)	Hinge	2
4	34070	(010000–)	Shim,LdHinge	2
	35421	(010000–)	Filter Box Assy	1
5	36666	(010000–)	Strap, Motor, Shaker	2
6	36658	(010000–)	Bar–Flt .06T 4.00W 5.00L,Rbr	2
7	54121	(010000–)	Motor, Ele Shaker 12V	2
8	34773	(010000–)	Weight,Eccentric	2
9	20634	(010000–)	Scr–Set 10–24X0.25 Nylon Loc	4
10	36661	(010000–)	Bar–Flt .06T 1.00W 4.00L,Rbr	2
11	58483	(010000–)	Bar, Shaker	2
12	35220	(010000–)	Spring, Shaker	2
13	34741	(010000–)	Bar,Spacer	8
14	16785	(010000–)	Sleeve, Rubber 1.25ld X .125W	4
15	36665	(010000–)	Sleeve,1.12B 1.62D1.50 Rubber	4
16	82475	(010000–)	Bar, Spring, Shaker	1
17	87579	(010000–)	Latch, Tension	3
18	34738	(010000–)	Rivet, Pop–.125Dx.32X.25Dhd St	6
19	35224	(010000–)	Frame Wldt, Shaker	1
20	35225	(010000–)	Filterbox Wldt	1
21	35414	(010000–)	Filter Shpg Pkg, Panel 97	2
22	53052	(010000–)	Seal,Foam Rbr, .38 .75W 24.0L	2
23	34759	(010000–)	Seal .38 X 1.25 X 51.5	2
24	34738	(010000–)	Rivet, Pop–.125Dx.32X.25Dhd St	16
25	36092	(010000–)	Harness, Hopper	1
26	09385	(010000–)	Clamp, Cable .43D .50Wide	4

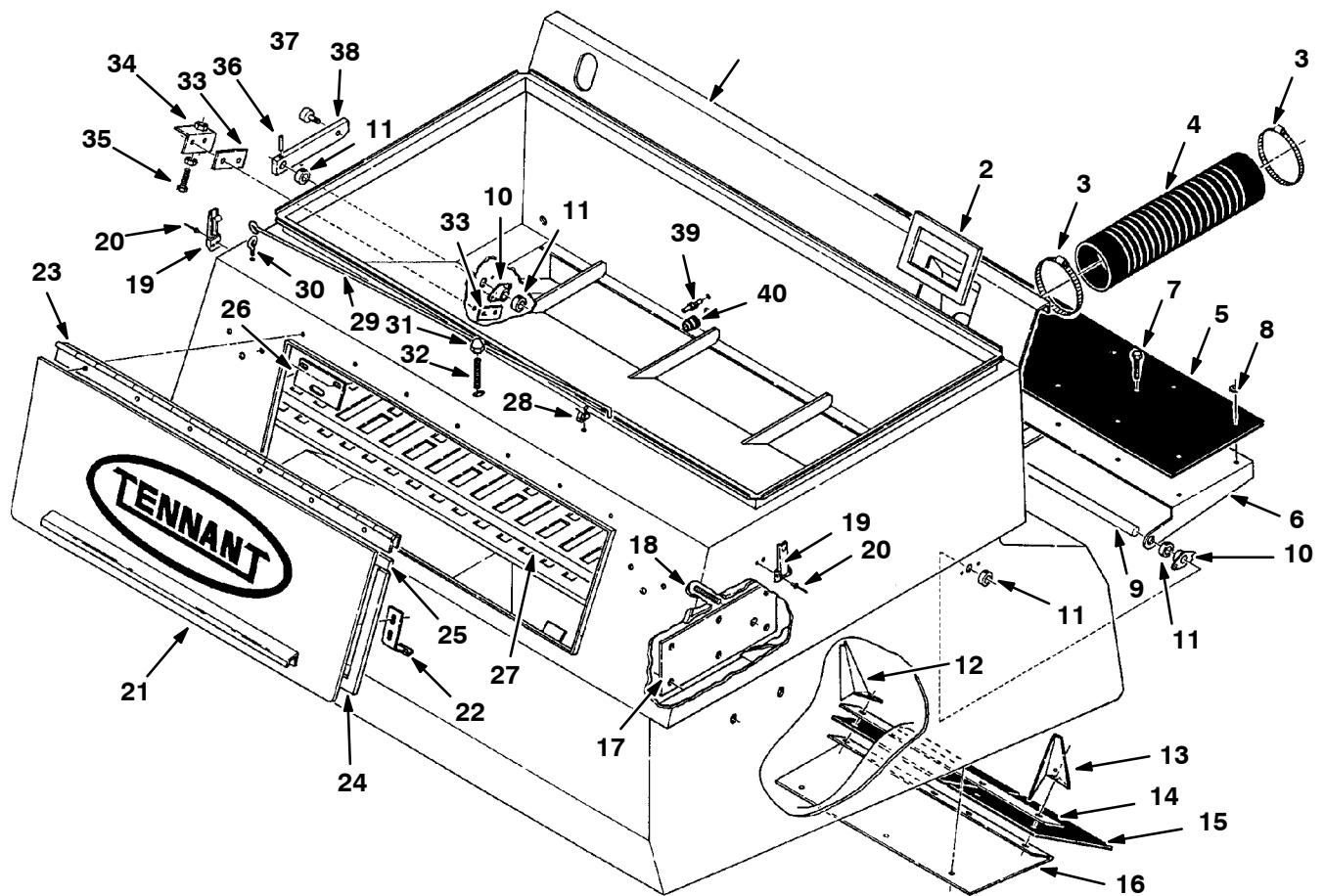


Fig. 12 – Hopper Group

Fig. 12 -- Hopper Group

Key	TENNANT Part No.	Machine Serial Number	Description	Qty.
1	35366	(010000--)	Hopper Wldt, Low Dump	1
2	34638	(010000--)	Gasket,Hopper Cover	1
3	23498	(010000--)	Clamp--Wormdrive, 3.56-- 4.50D	2
4	34076	(010000--)	Hose Flex, 4.0ld X 30.0Lg	1
5	16788	(010000--)	Seal, Dust Door	1
6	16794	(010000--)	Door Weld'T, Dust	1
7	55347	(010000--)	Scr--Hex .38--16X2.00 Full Thd	3
8	41178	(010000--)	Washer--Flt .25 Fender Pltd	14
9	16791	(010000--)	Rod Weldmt, Pivot	1
10	34096	(010000--)	Bearing--Flange,2 Hole .625Bore	2
11	34723	(010000--)	Collar, Locking, Plated	4
12	46595	(010000--)	Deflector, Dirt, R. H.	1
13	46596	(010000--)	Deflector, Dirt, L. H.	1
14	09928	(010000--)	Retainer, Hopper Lip	1
15	16783	(010000--)	Strip, Hopper Lip H.D. Neo.	1
16	51143	(010000--)	Plate,Wear,Hopper	1
17	51728	(010000--)	Plate, Inner Hopper	2
18	34533	(010000--)	Scr--Set .38--16X2.50 Oval	2
19	87579	(010000--)	Latch, Tension	2
20	34738	(010000--)	Rivet, Pop--.125Dx.32X.25Dhd St	4
21	35420	(010000--)	Door, Front W/Label	1
22	51934	(010000--)	Catch,Spring	2
23	35408	(010000--)	Hinge, Hopper Door	1
24	51163	(010000--)	Seal,Foam Rbr, .31 .75W 53.6L	1
25	51164	(010000--)	Seal,Foam Rbr, .31 .75W 34.1L	1
26	34703	(010000--)	Plate,Bolt	2
27	35233	(010000--)	Panel, Permafilter, Upper	1
28	23446	(010000--)	Clip--Finger Grip,0.31--0.75 Dia	1
29	62794	(010000--)	Rod, Hood Support	1
30	11893	(010000--)	Bolt--Eye, .25--20Zinc.56D 2.00L	1
31	51140	(010000--)	Nut--High Crown.50--13 Pltd	1
32	53963A	(010000--)	Scr--Hex .50--13X3.00 Full Thd	1
33	34079	(010000--)	Strip, Backing	2
34	34093	(010000--)	Brkt. Weldmt.,Adj., Dust Door	1
35	55347	(010000--)	Scr--Hex .38--16X2.00 Full Thd	3
36	26103	(010000--)	Pin,Roll,.18Odx1.25L,.187/.192	3
37	48930	(010000--)	Cam Follower	1
38	16787	(010000--)	Arm, Dust Door	1
39	39923	(010000--)	Ftg,Bulkhead--Barb Wh 1074X4	1
40	34864	(010000--)	Strain,Relief	1

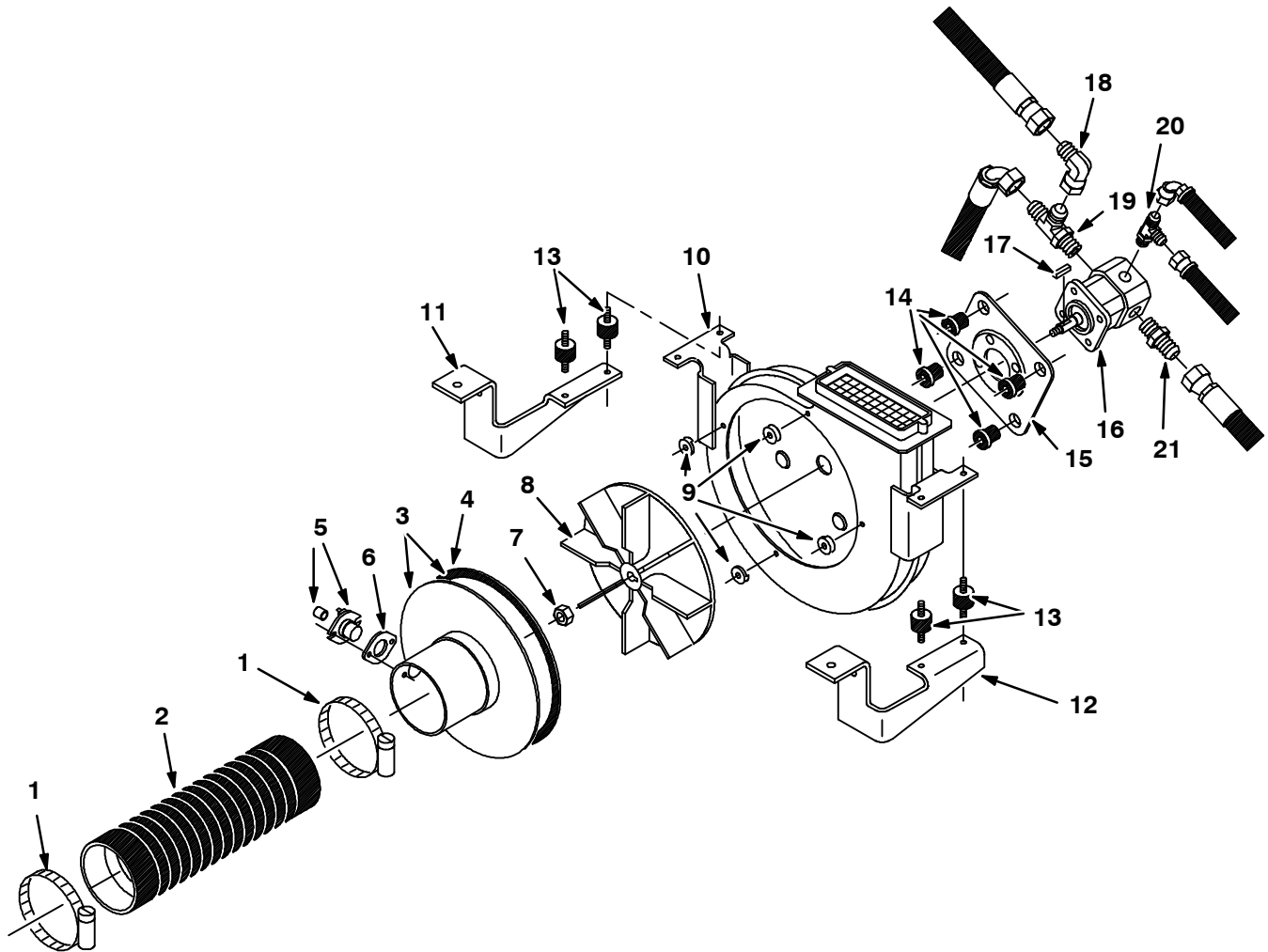


Fig. 13 -- Vacuum Fan Group

06682

Key	TENNANT Part No.	Machine Serial Number	Description	Qty.
1	23498	(010000--)	Clamp--Wormdrive, 3.56-- 4.50D	2
2	51768A	(010000--)	Hose Flexflyte,4.00 ldx12.00Lg	1
3	82368	(010000--)	Inlet Assy, Vac Fan W/Gasket	1
4	23542	(010000--)	Seal,Foam Rbr, .31 .38W 30.5L	1
5	02712	(010000--)	Thermostat Assembly, 140 Deg	1
6	82733	(010000--)	Gasket, Fire Switch	1
7	31241	(010000--)	Nut--Hxlocnyln .31--24 Thin Pltd	1
8	53034--1	(010000--)	Impeller, 9.00Diax1.91Wx0.376B	1
9	03467A	(010000--)	Clip,Vacuum Housing,Cad.Plte	4
10	35989	(010000--)	Housing Wldt, Fac Fan	1
11	36174	(010000--)	Bracket, Mtg, Vac Fan, Rh	1
12	36176	(010000--)	Bracket, Mtg, Vac Fan, Lh	1
13	82661	(010000--)	Isolator--Vibration .25--20	4
14	54274	(010000--)	Isolator--Vibration,60 Lb.Ratng	4
15	54275A	(010000--)	Bracket, Mounting Motor	1
16	77101	(010000--)	Motor--Hyd Gear (See Hydraulic Components)	1
17	00966	(010000--)	Key, Square 0.12 0.12 00.75 Lg	1
18	17980	(010000--)	Ftg--Hyd E90 Jm08/Jf08	1
19	40755	(010000--)	Ftg--Hyd Tee Jm08Jmom	1
20	34390	(010000--)	Ftg--Hyd Tee Jm04Jmom	1
21	44869	(010000--)	Ftg--Hyd Str Jm08/Om08	1

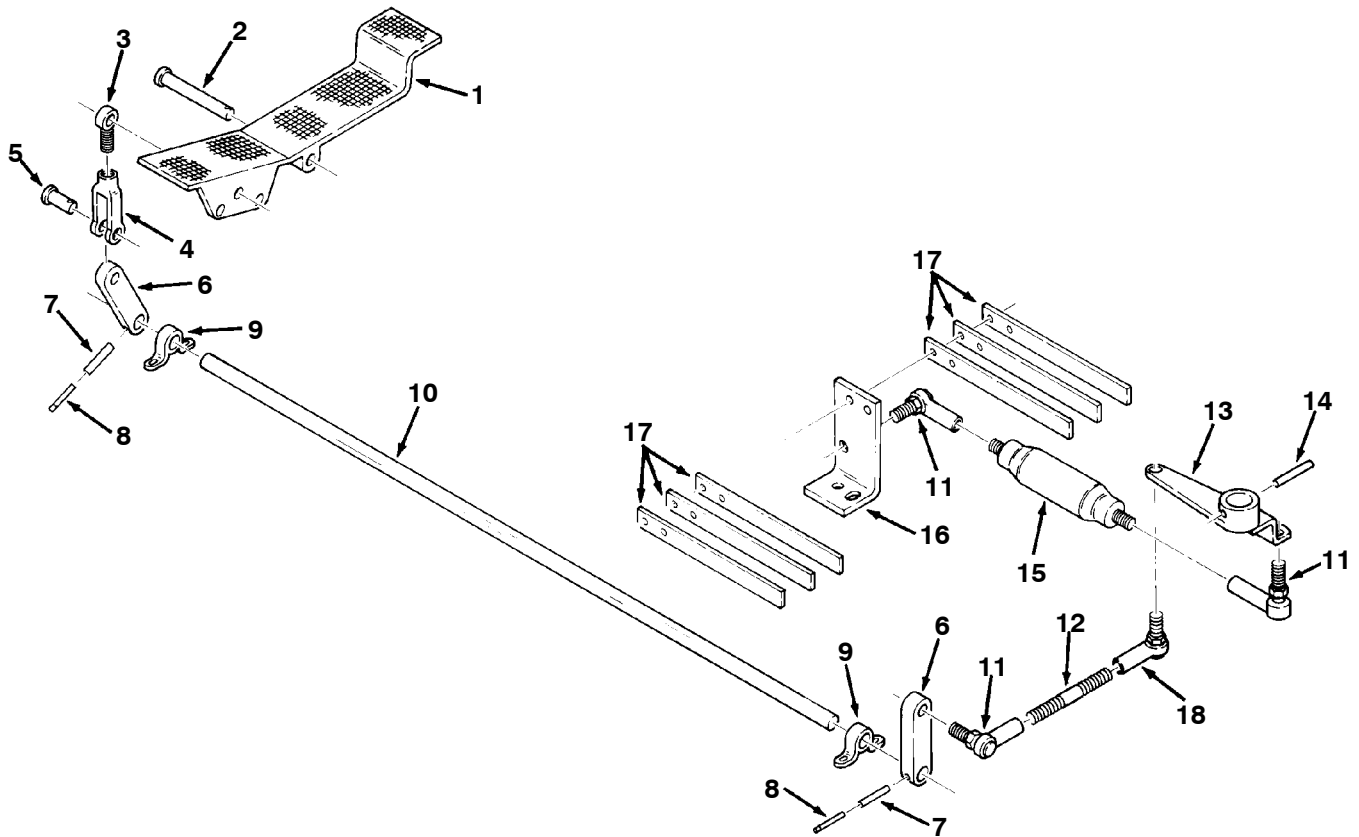


Fig. 14 – Directional Control Group

06683

Key	TENNANT Part No.	Machine Serial Number	Description	Qty.
1	42240	(010000 –)	Foot Pedal, Speed	1
2	06474A	(010000 –)	Pin, Clevis, 0.50 Dia. X 3.50 Lg	1
3	51303	(010000 –)	Rod End, 0.37 – 24 Thd, 0.37 Bx 1.0 Lg	1
4	14330	(010000 –)	Yoke, End, Adjustable	1
5	14331	(010000 –)	Pin, Clevis, 0.37 Dia. X 1.12 Lg	1
6	52789	(010000 –)	Link, Direct Control	2
7	22134	(010000 –)	Pin, Roll, .150 dx 0.75 L, .156 / .160	2
8	46029	(010000 –)	Pin, Roll, .090 dx 0.87 L, .094 / .097	2
9	51304 – 1	(010000 –)	Bearing – Plblk, 0.50 Bore 2 Hole	2
10	52790	(010000 –)	Shaft, Cross, Directional Contr.	1
11	50493	(010000 –)	Rod – End .375 – 24 W/ Stud	3
12	16827	(010000 –)	Rod – Thrd, Full .38 – 24	1
13	62702	(010000 –)	Arm Weldt, Control	1
14	14854	(010000 –)	Pin, Roll, .380 dx 1.50 L, .375 / .382	1
15	62700	(010000 –)	Shock Absorber	1
16	34903	(010000 –)	Bracket, Return Spring	1
17	49681	(010000 –)	Plate, Spring Steel Direct. Cont	6
18	50493	(010000 –)	Rod – End .375 – 24 W/ Stud	1

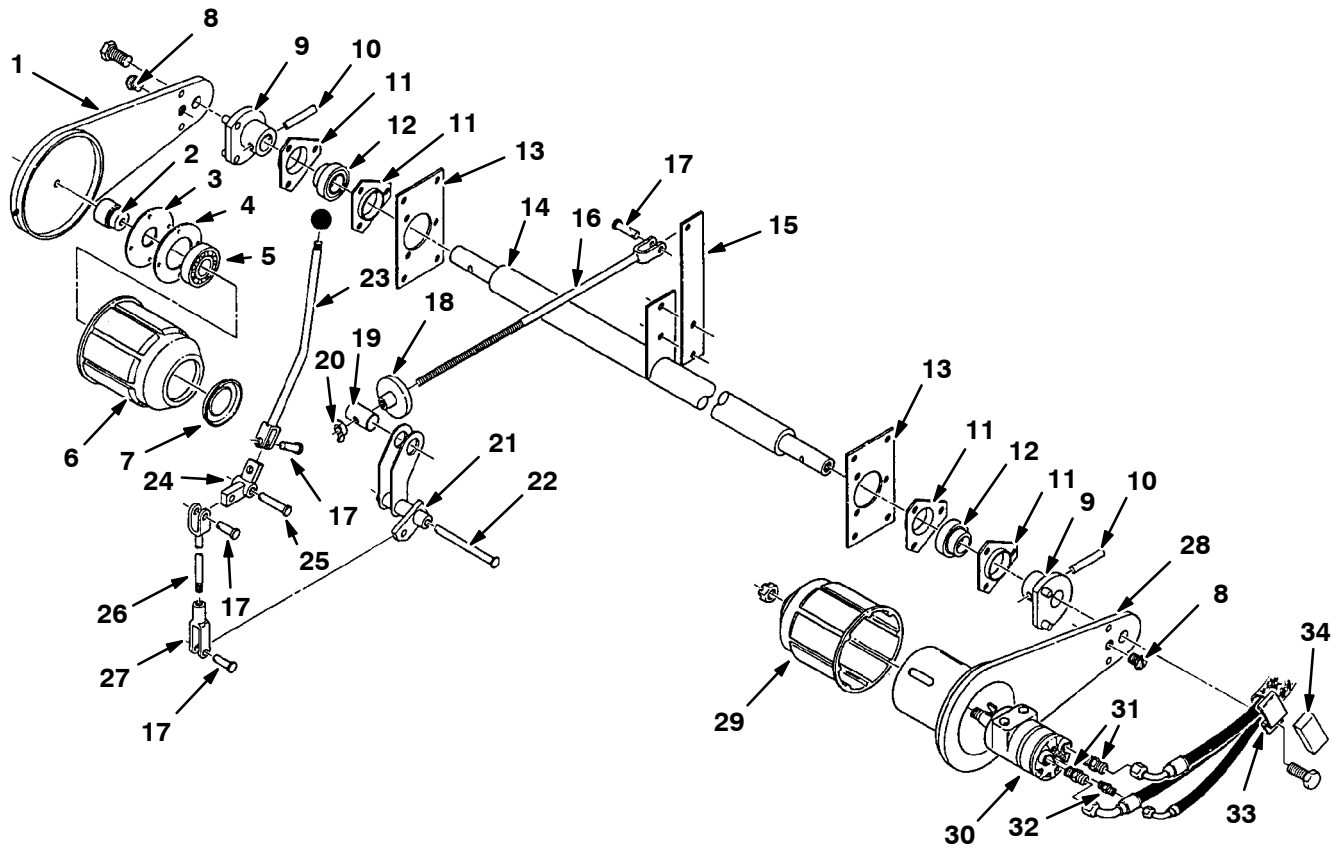


Fig. 15 – Main Brush Lift and Drive Group

Fig. 16 -- Main Brush Lift and Drive Group

Key	TENNANT Part No.	Machine Serial Number	Description	Qty.
1	35333	(010000—)	Arm Wldt, Main Brush, Rh	1
2	30251	(010000—)	Shaft, Idler	1
3	30253	(010000—)	Plate, Seal	1
4	30252	(010000—)	Strip, Retainer, Bearing	1
5	24899	(010000—)	Bearing— Ball, 1.38B 2.83D 0.67W	1
6	30254	(010000—)	Plug Wldt, Idler	1
7	30255	(010000—)	Plug, Tube	1
8	51938	(010000—)	Plug, Thread 3/4— 10	2
9	51059	(010000—)	Hub Weldm., Brush	2
10	51317	(010000—)	Pin, Roll, .38Odx2.00L, .375/.382	2
11	51449	(010000—)	Flange, Brg, 3 Hole	4
12	51448	(010000—)	Bearing&Clr , 1.25B 2.44D 1.41W	2
13	62649—1	(010000—)	Plate Weldm., Adjusting Brush	2
14	62626	(010000—)	Shaft Wldt, Brush Lift	1
15	62625	(010000—)	Arm, Brush Lift Extension	1
16	62619	(010000—)	Link, Main Brush Lift Lower	1
17	06598	(010000—)	Pin, Clevis, 0.50 Dia.X 1.42 Lg	4
18	51452	(010000—)	Knob, 0.50— 13, 3.00Dia, Cast Iron	1
19	51391	(010000—)	Pin, Swivel Main Br. Lift	1
20	39274	(010000—)	Nut— Wing .50— 13 Pltd	1
21	62620	(010000—)	Tube Wldt, Brush Control	1
22	51225	(010000—)	Pin, Clevis, 0.50 Dia.X 5.50 Lg	1
23	51447—1	(010000—)	Handle, Brush Lift Cad Plated	1
24	51492	(010000—)	Bellcrank Wldt	1
25	06279	(010000—)	Pin, Clevis, 0.50 Dia.X 2.50 Lg	1
26	62618	(010000—)	Link, Main Brush Lift Upper	1
27	51462	(010000—)	Clevis, Adjust. 0.50— 13Th. Cad.	1
28	35332	(010000—)	Arm Wldt, Main Brush, Lh	1
29	87631	(010000—)	Plug Weld, Brush Drive, Sweep	1
30	27800	(010000—)	Motor— Hyd Gear (See Hydraulic Components)	1
31	44869	(010000—)	Ftg— Hyd Str Jm08/Om08	2
32	55586	(010000—)	Ftg— Hyd Str Jm04/Om04	1
33	60733	(010000—)	Bracket, Retainer, Hose	1
34	60732	(010000—)	Seal, Foam Rubber, .75X1.5X3.5	1

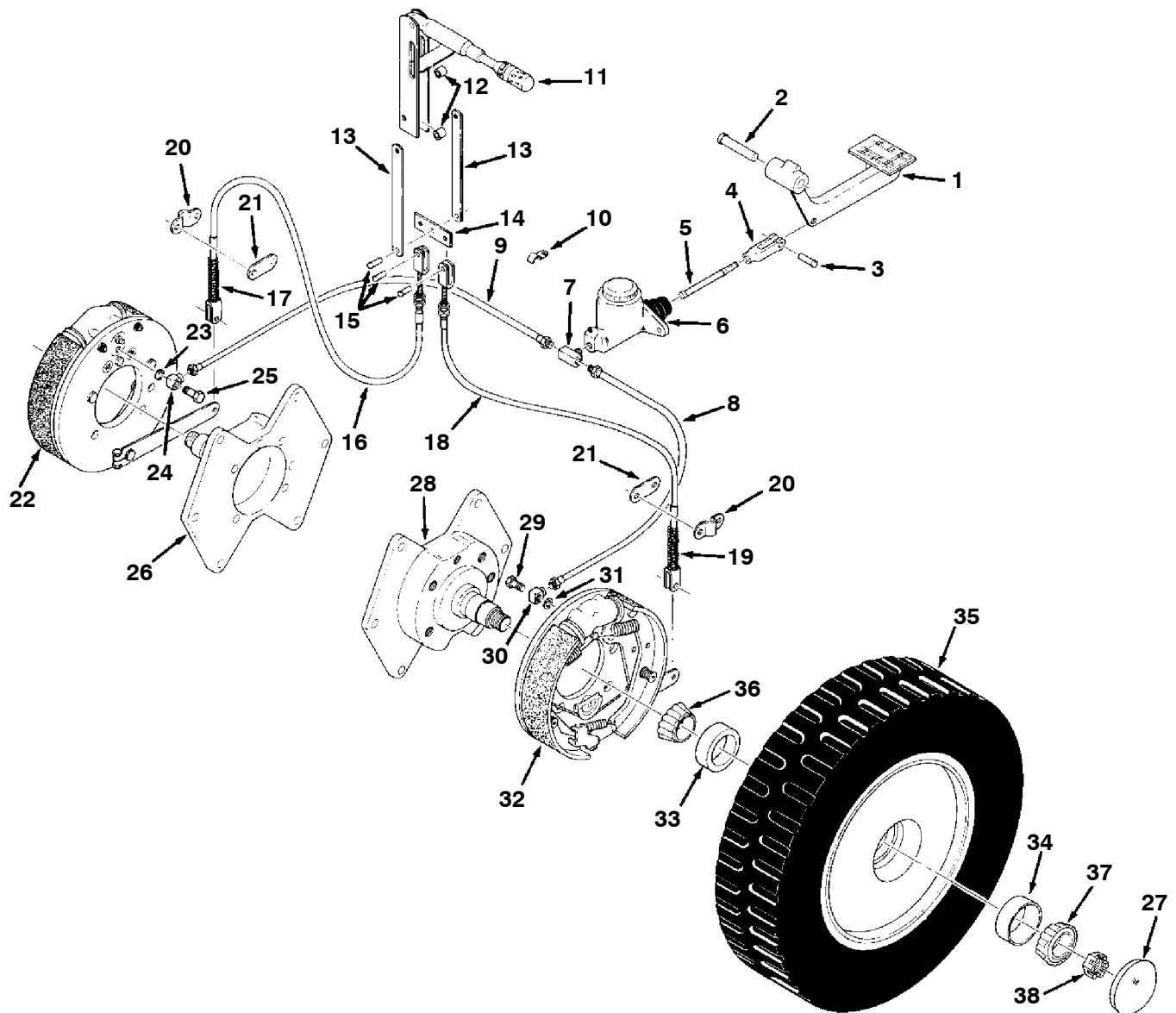


Fig. 16 – Front Wheels and Brakes Group

Fig. 16 – Front Wheels and Brakes Group

Key	TENNANT Part No.	Machine Serial Number	Description	Qty.
1	65128	(010000–)	Brake Pedal	1
2	23683	(010000–)	Pin,Clevis,0.50 Dia.X 3.00 Lg	1
3	14331	(010000–)	Pin,Clevis,0.37 Dia.X 1.12 Lg	1
4	14330	(010000–)	Yoke,End,Adjustable	1
5	52163	(010000–)	Push Rod,Brake	1
6	SK2136	(010000–)	Cylinder Replmt.Kit– Br	1
	SK2137	(010000–)	Repair Kit Replacement	1
7	51483	(010000–)	Ftg,Brass,Tee 06lf– 02Pm– 06lf	1
8	76058	(010000–)	Tube Assy,Brake Line 58.0 Lg	1
9	42241	(010000–)	Tube Assy,Brake Line 20.0 Lg	1
10	04681	(010000–)	Bracket, Clamp, Cable, Battery	3
11	51545	(010000–)	Lever, Brake	1
12	51562	(010000–)	Sleeve, .344B .50D .81 Cr.Anc	2
13	51912	(010000–)	Link,.12T .8W 8.0L 2/.32H7.0C	2
14	40354	(010000–)	Strip,.19T1.0W 3.0L 3/.32Hcomc	1
15	10120	(010000–)	Pin,Clevis,0.31 Dia.X 0.75 Lg	3
16	47963	(010000–)	Cable Assy, Brake,R.H	1
17	47960	(010000–)	Sprng,Comp,0.37Idx.06Wire 6.0L	1
18	47963–1	(010000–)	Cable Assy, Brake,L.H	1
19	47960	(010000–)	Sprng,Comp,0.37Idx.06Wire 6.0L	1
20	65129	(010000–)	Clamp, Cable– Brake	2
21	65129–1	(010000–)	Spacer, Clamp – Brake	2
	61907	(010000–)	Axle Assy, Front, Rh	1
22	61915	(010000–)	Brake Assy, Rh, Rework	1
	61911	(010000–)	Brake Shoe Pkg, Lined,1 Wheel	1
22	45743	(010000–)	Cup&Boot, Wheel Cylinder	1
23	13962	(010000–)	Washer, .391B .56D .033Copp	1
24	36739	(010000–)	Brake Ftg,Conn.Wag.Ele.#F24200	1
25	36740	(010000–)	Brake Ftg,Bolt Wag.Ele.#F24199	1
26	65121	(010000–)	Spindle, Front Axle – Rh	1
27	51373	(010000–)	Cap, Grease	2
	61908	(010000–)	Axle Assy, Front, Lh	1
28	65122	(010000–)	Spindle, Front Axle L.H.	1
29	36740	(010000–)	Brake Ftg,Bolt Wag.Ele.#F24199	1
30	36739	(010000–)	Brake Ftg,Conn.Wag.Ele.#F24200	1
31	13962	(010000–)	Washer, .391B .56D .033Copp	1
32	61914	(010000–)	Brake Assy, Lh, Rework	1
	45744	(010000–)	Brake Shoe&Lining Pkg – 1Whl	1
	45743	(010000–)	Cup&Boot, Wheel Cylinder	1
	47879	(010000–)	Tire & Wheel Assy	2
33	17808	(010000–)	Bearing– Cup , 2.72Dia 0.59Wth	1
34	51338	(010000–)	Bearing– Cup , 2.56Dia 0.55Wth	1
35	47878	(010000–)	Tire, Solid, 21X 5X11.9 Prs– On	1
36	17809	(010000–)	Bearing– Cone, 1.50Bore 0.75Wth	2
37	51193	(010000–)	Bearing– Cone, 1.38Bore 0.72Wth	2
38	14242	(010000–)	Nut– Hxslot 1.00–20 Pltd	2

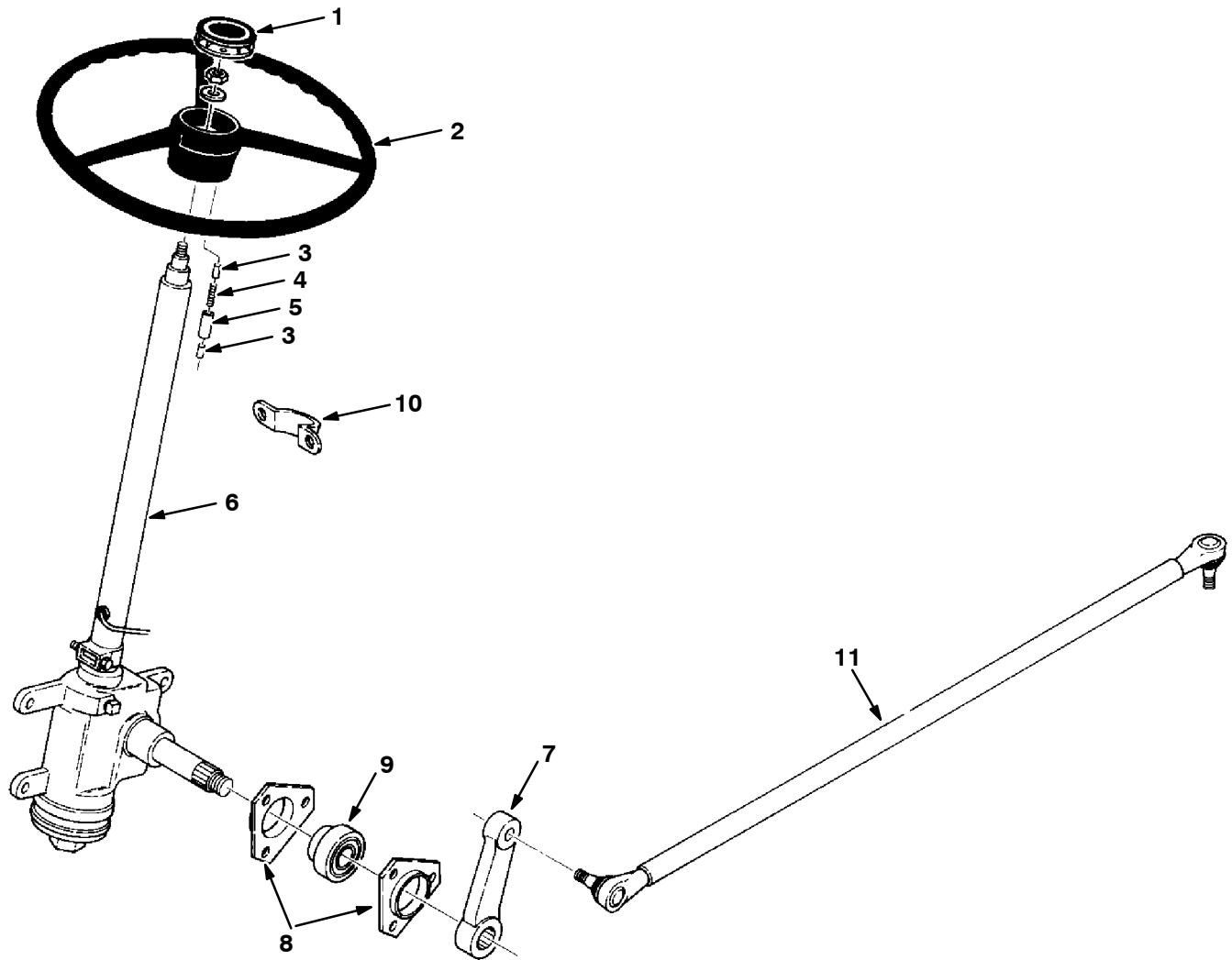


Fig. 17 – Steering Control Group

06688

Key	TENNANT Part No.	Machine Serial Number	Description	Qty.
1	51363	(010000–)	Steering Column Assy	1
2	47010	(010000–)	Button, Horn, Purch Kit	1
3	47008	(010000–)	Wheel, Steering	1
4	46311	(010000–)	Horn Brush	2
5	46313	(010000–)	Sprng, Comp, 0.96ldx.01Wire 1.4L	1
6	46312	(010000–)	Tube, Acrylic. 38D.X.25 Id.X1.81	1
7	47007	(010000–)	Gear & Column Assy, Steerng, Sagn	1
8	51299	(010000–)	Arm–Pitman, 6.50 Long	1
9	51449	(010000–)	Flange, Brg, 3 Hole	2
10	48050	(010000–)	Bearing&Clr, 1.12B 2.44D 1.41W	1
11	51470	(010000–)	Support, Steering Column	1
	51096	(010000–)	Link Weldm., Steering 37.62	1

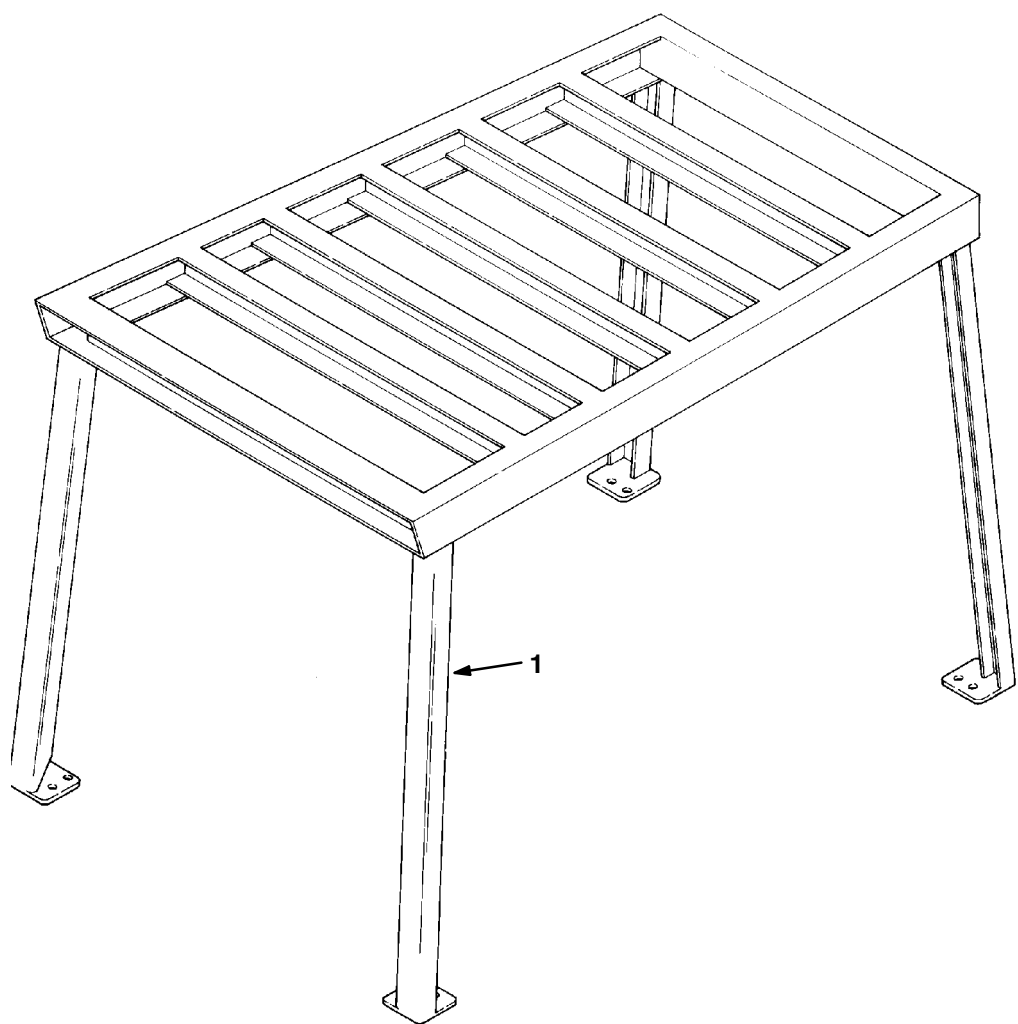


Fig. 18 – Overhead Guard Group

06673

Key	TENNANT Part No.	Machine Serial Number	Description	Qty.
1	62009	(010000–)	Guard, Overhead	1

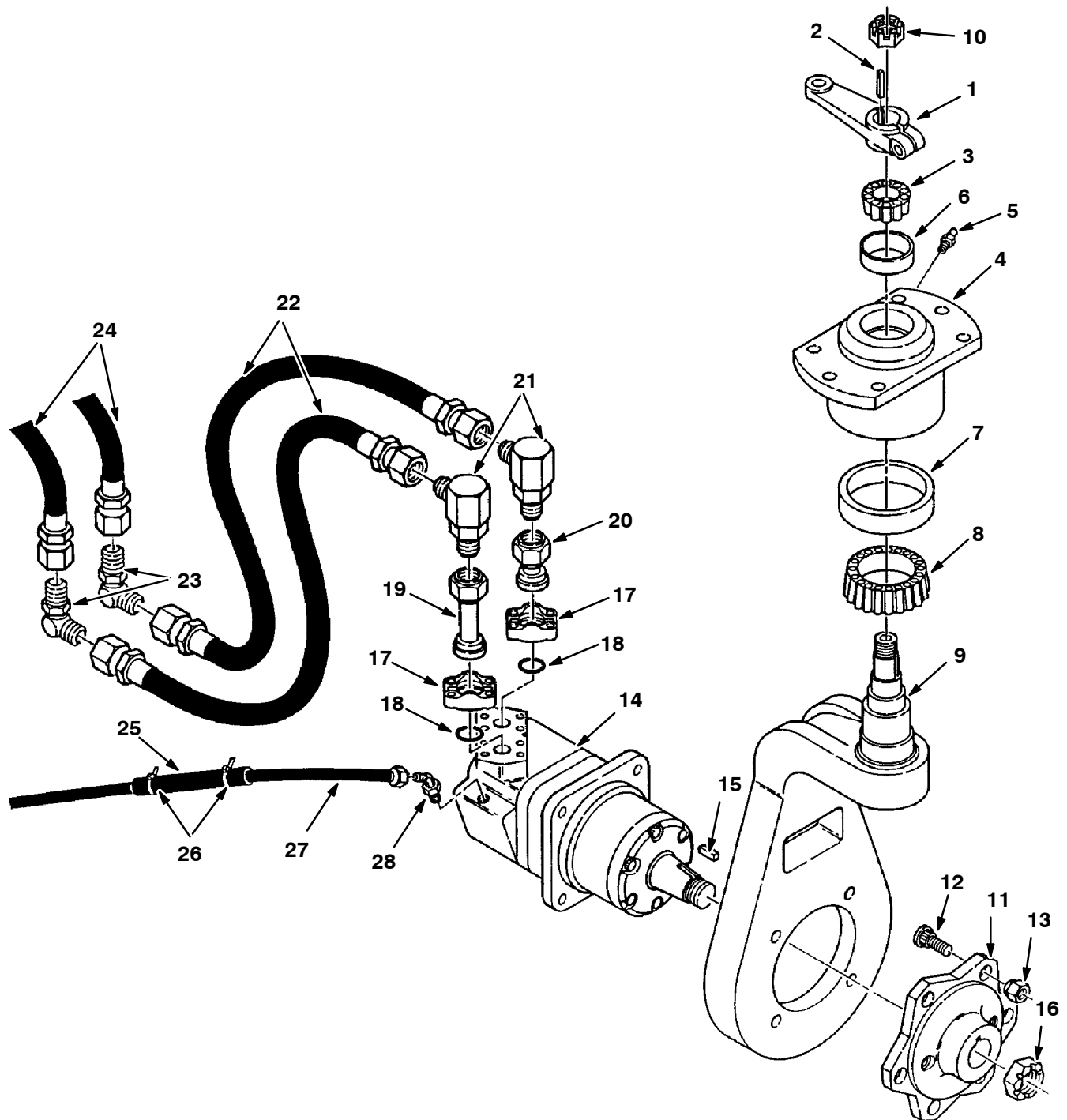
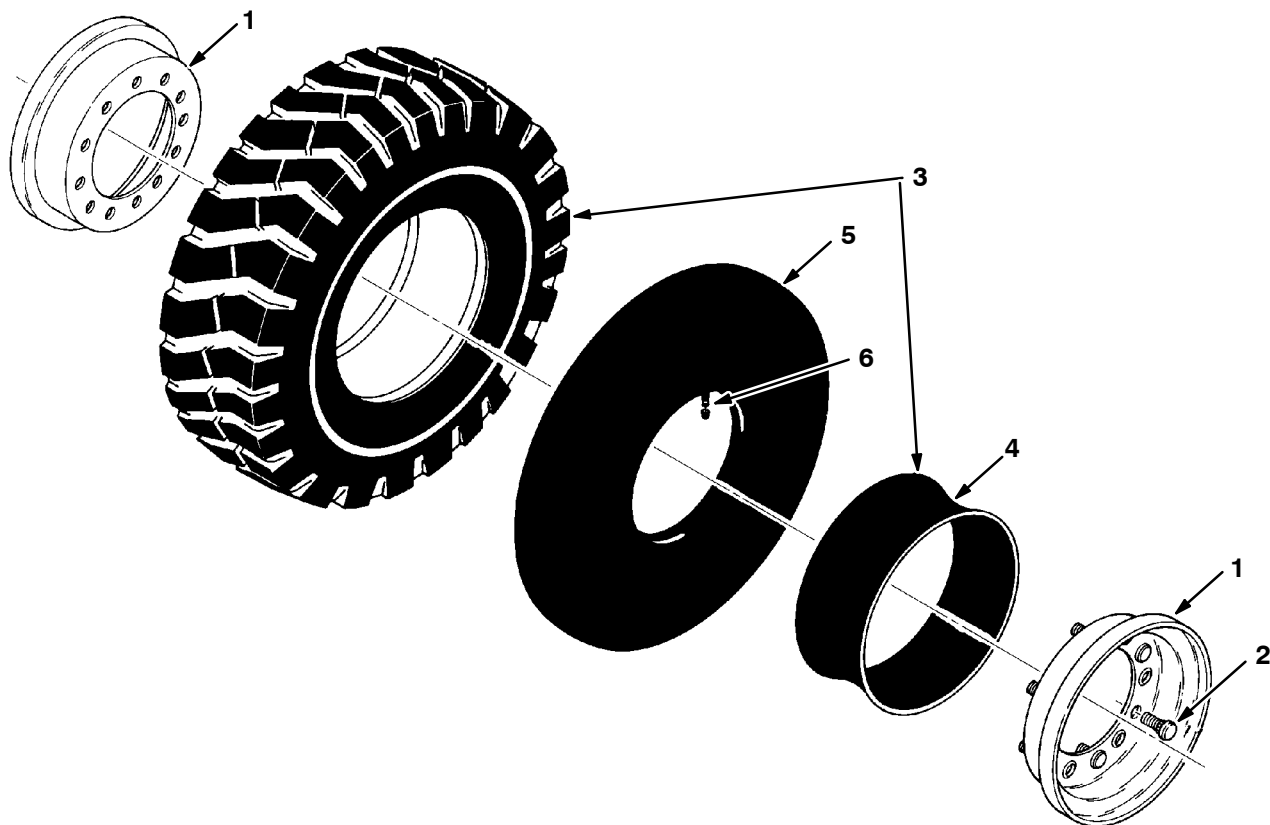


Fig. 19 – Rear Wheel Support Group

Fig. 19 – Rear Wheel Support Group

Key	TENNANT Part No.	Machine Serial Number	Description	Qty.
1	51283	(010000–)	Arm, Steering,Rear	1
2	00928	(010000–)	Key, Square 0.25 0.25 01.00 Lg	1
3	51339	(010000–)	Bearing–Cone, 1.38Bore 0.71Wth	1
4	51002	(010000–)	Block Assy,Spindle	1
5	47801	(010000–)	Ftg, Grease.25–28Th Strt .63L	1
6	51338	(010000–)	Bearing–Cup , 2.56Dia 0.55Wth	1
7	51340	(010000–)	Bearing–Cup , 4.33Dia 0.74Wth	1
8	51341	(010000–)	Bearing–Cone, 2.63Bore 0.87Wth	1
9	62433	(010000–)	Spindle Weldt, Rear Axle	1
10	14242	(010000–)	Nut–Hxslot 1.00–20 Pltd	1
11	62456	(010000–)	Hub Assy, Drive Wheel	1
12	32126	(010000–)	Stud, Wheel .50–20 X 1.50 Pltd	6
13	24339	(010000–)	Nut–Wheel .50–20 60 Angle	6
14	75025	(010000–)	Motor,Hyd (See Hydraulic Components)	1
15	45623	(010000–)	Key Cl	1
16	45622	(010000–)	Nut Cl	1
17	40510	(010000–)	Ftg–Hyd Sfg Ff12	2
18	11453	(010000–)	Seal,Oring, 1.00ldx 1.25X.12Th	2
19	34348	(010000–)	Tube–Hyd 12 Sa12/Jf12	1
20	34347	(010000–)	Tube–Hyd 12 Sa12/Jf12	1
21	08025	(010000–)	Ftg–Hyd El90 Swivel Jm12Jm	2
22	08024	(010000–)	Hose–Hyd Hi 12 Jf–J4	2
23	51785	(010000–)	Ftg–Hyd E90 Jm12/Jm12	2
24	57951	(010000–)	Hose–Hyd Hi 12 Jf/J4	2
25	34054	(010000–)	Sleeve–Nyn #12 25.0L	1
26	49266	(010000–)	Tie, Cable 1.75D Max 7.50Lg	2
27	34388	(010000–)	Hose–Hyd Low04 Jf/J9	1
28	34359	(010000–)	Ftg–Hyd E45 Jm04/Om04	1



06691

Fig. 20 – Rear Wheel Assembly

Key	TENNANT Part No.	Machine Serial Number	Description	Qty.
1	51357	(010000–)	Tire and Rim Assy, Pneumatic	1
2	52775	(010000–)	Rim Kit,Tire,Jeep&Cont.	1
3	51355	(010000–)	Wheel Stud,0.50–20Thd,1.203Lg.	6
4	52510	(010000–)	Tire Assembly	1
5	51360	(010000–)	Tire,690/600–9 10 Ply Pneumtc.	1
6	51362	(010000–)	Flap,Tire–Tube ,690/600–9	1
7	51361	(010000–)	Tube,Tire–Inner,690/600–9	1
8	45786	(010000–)	Cap, Valve Stem	1

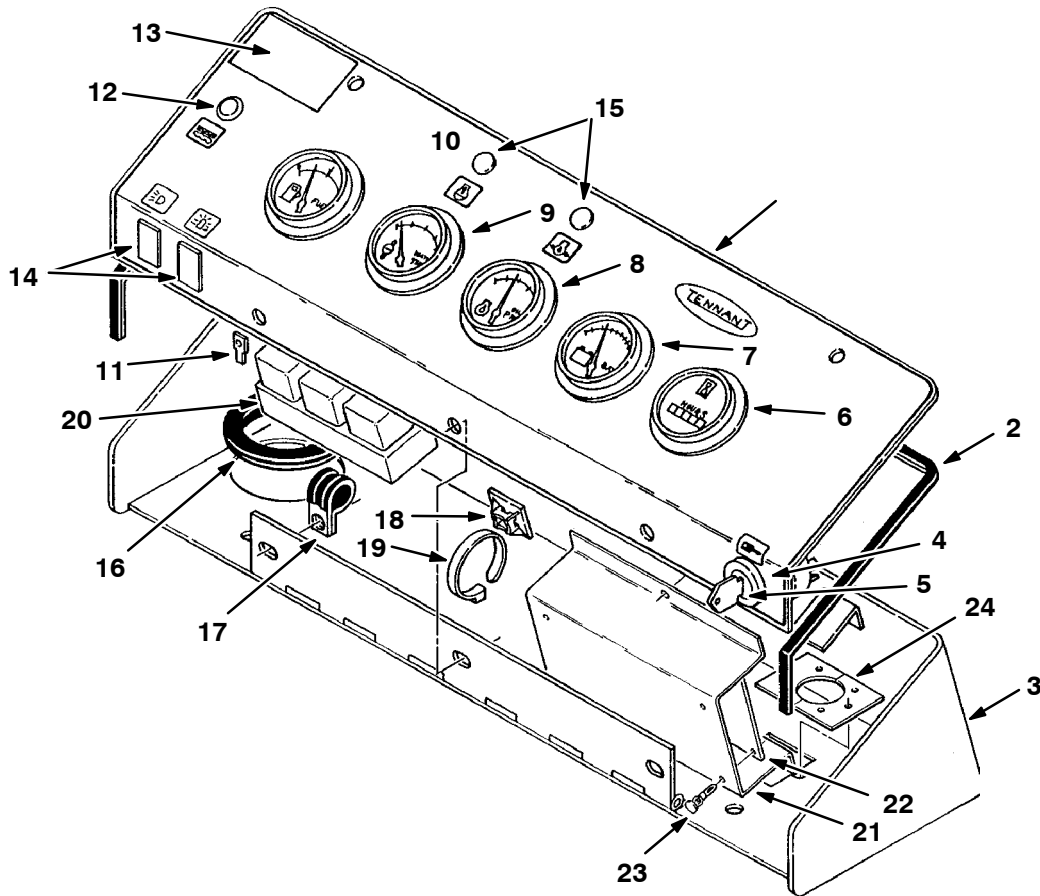


Fig. 21 – Instrument Panel Group

06693

Key	TENNANT Part No.	Machine Serial Number	Description	Qty.
1	35373	(010000–)	Panel, Instrument, Front	1
2	34335	(010000–)	Seal, Instrument Panel	1
3	35400	(010000–)	Box Wldt, Instrument	1
4	87536	(010000–)	Switch Ignition	1
5	87866	(010000–)	Key Set, Switch Ku	1
6	34810	(010000–)	Hourmeter	1
7	55557	(010000–)	Gauge, Voltage – Eng/Met	1
8	34811	(010000–)	Gage, Oil Press	1
9	58591	(010000–)	Gauge, Water Temperature	1
10	34813	(010000–)	Gage, Fuel	1
11	48252	(010000–)	Terminal, Tab Male	1
12	34820	(010000–)	Light, Indctr/Red 12V .1A Jmco	1
13	35316	(010000–)	Label, Instrument Panel Lo–D	1
14	57772	(010000–)	Plate–Cover	2
15	56992	(010000–)	Plugbtn .50H .03–.12 Blacknyl	2
16	10632–19	(010000–)	Grommet, Rbr, 2.12ld, For .12Matl	1
17	40678–1	(010000–)	Clamp–Cable, .88Dia .56Wth	2
18	55248	(010000–)	Cabletie Mount, Adhesive	2
19	49266	(010000–)	Tie, Cable 1.75D Max 7.50Lg	2
20	10865	(010000–)	Relay 12V Spdt W/Suppression	3
21	35402	(010000–)	Bracket, Circuit Board	1
22	60957	(010000–)	Logic Board Kit 97	1
23	15840	(010000–)	Pin, Prong, Pc Board	4
24	35317	(010000–)	Plate, Connector	2

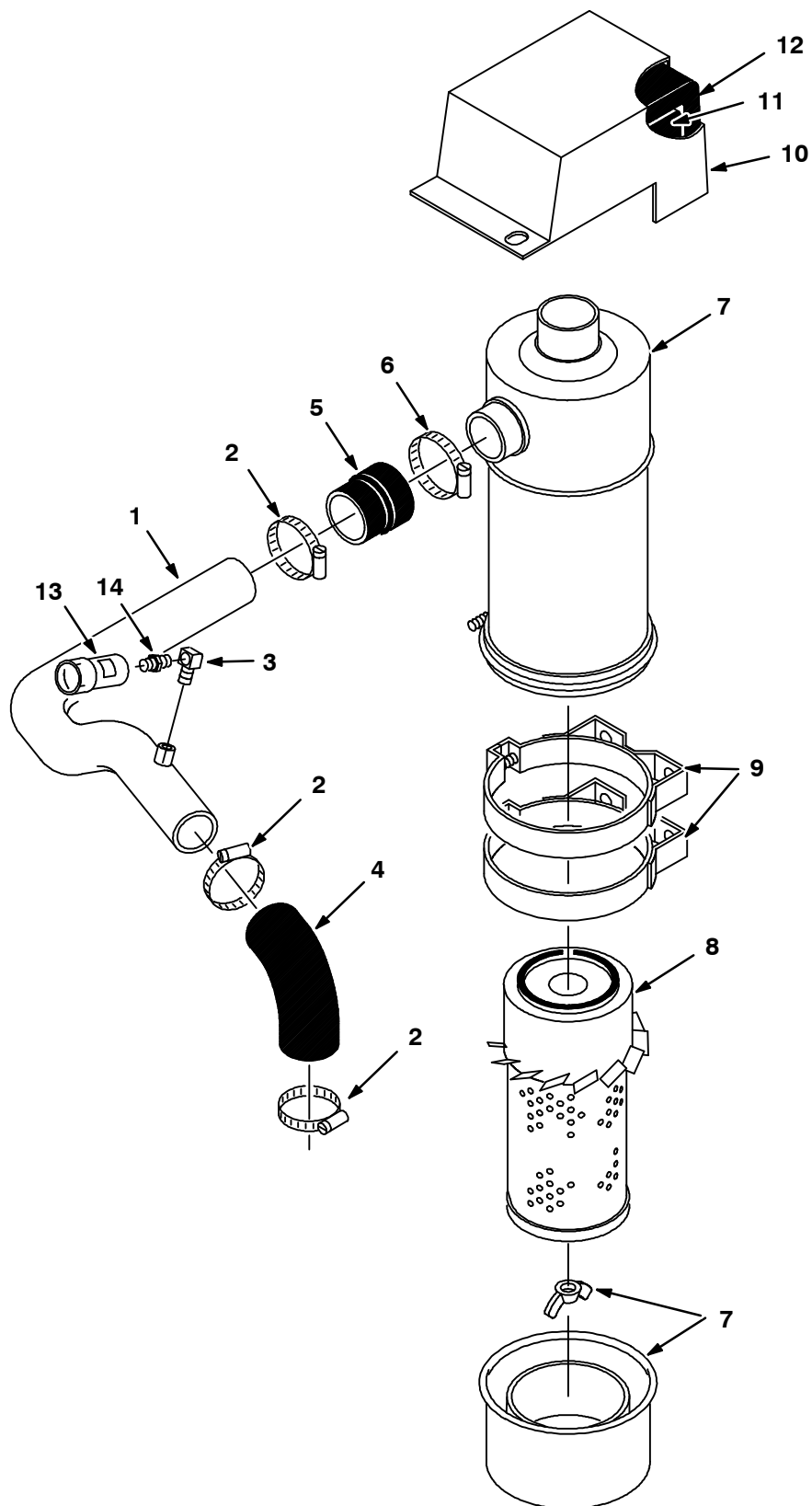


Fig. 22 – Air Cleaner Group

Fig. 22 – Air Cleaner Group

Key	TENNANT Part No.	Machine Serial Number	Description	Qty.
1	35052	(010000–)	Tube, Air Intake	1
2	22297	(010000–)	Clamp, Wormdrive, 1.56– 2.50D	3
3	11984	(010000–)	Ftg, Brass, Elb, 02Npt–02Npt	1
4	76825	(010000–)	Elbow, Carburetor 2.00ld	1
5	52992	(010000–)	Adaptor, Molded Donaldson2.25B	1
6	14432	(010000–)	Clamp–Wormdrive, 1.81– 2.75D	1
7	76319	(010000–)	Air Cleaner	1
8	76335	(010000–)	Element Assy	1
9	34493	(010000–)	Band Assy, Donaldson	2
10	35056	(010000–)	Cover, Rain	1
11	35055	(010000–)	Insulation, Acoustic, Side	2
12	35054	(010000–)	Insulation, Acoustic 16.0X6.3	1
13	03026	(010000–)	Indicator, Service, Air Filter	1
14	51560–5	(010000–)	Filter, Service Indicator	1

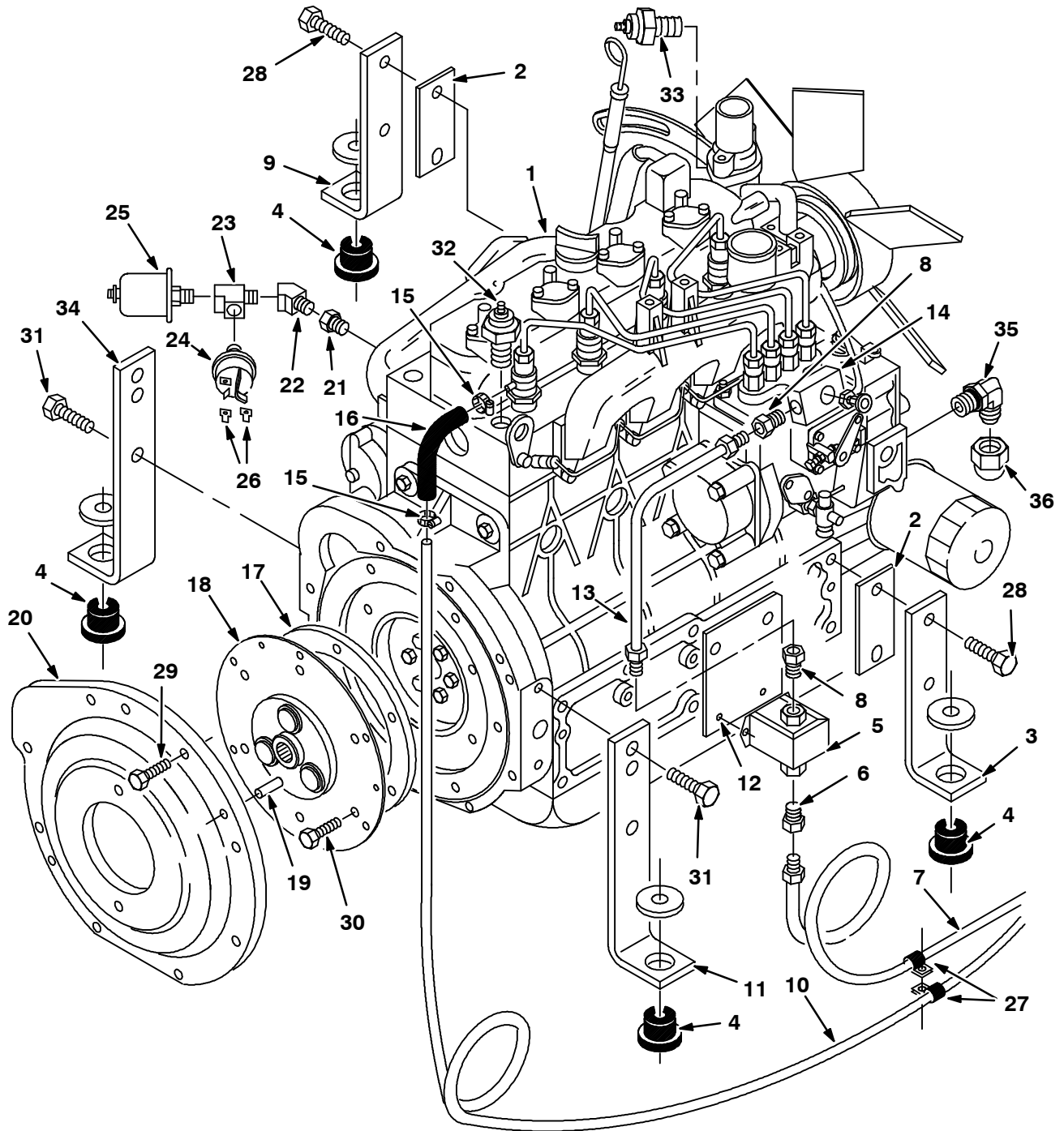
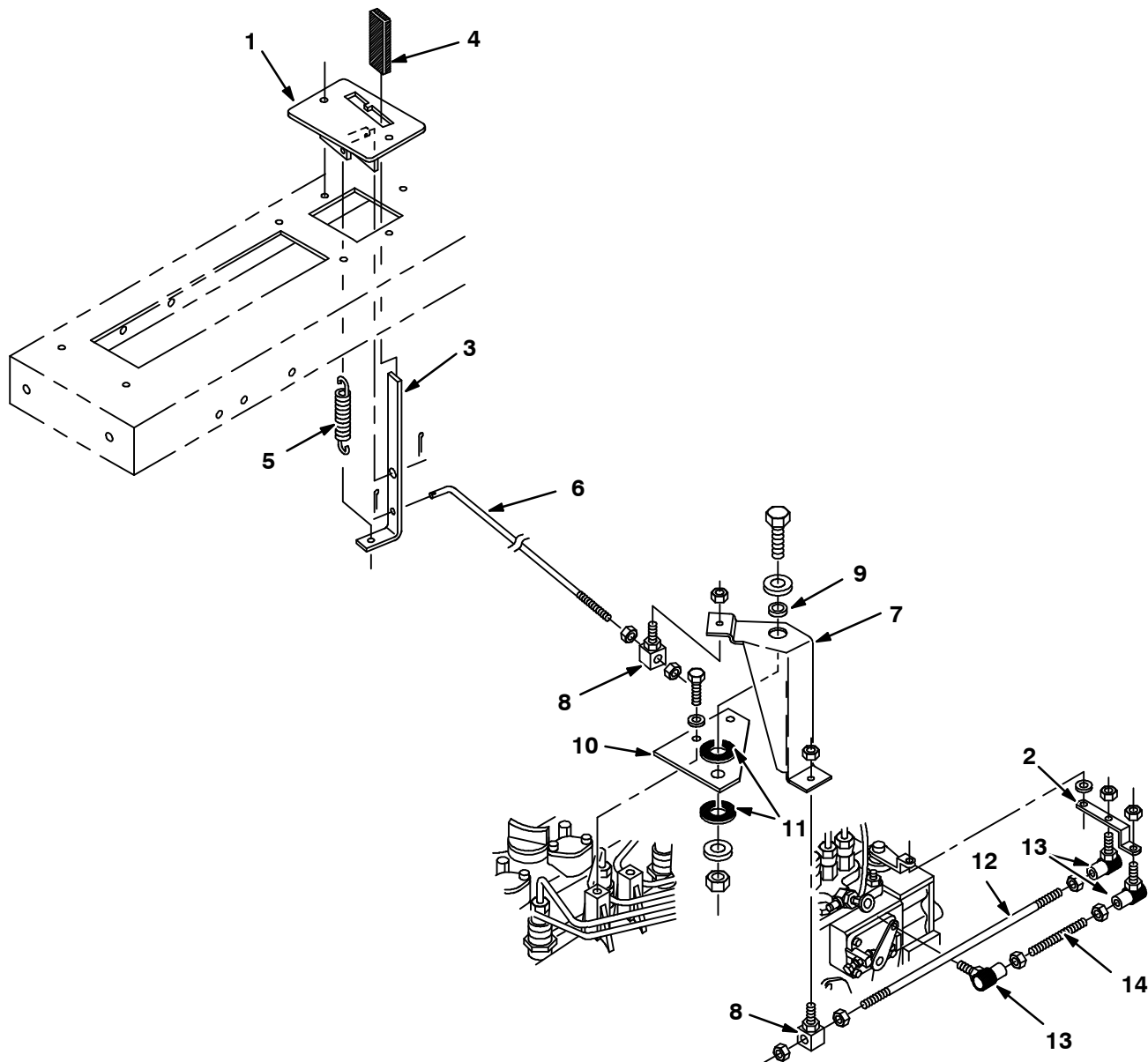


Fig. 23 – Engine Group

Fig. 23 -- Engine Group

Key	TENNANT Part No.	Machine Serial Number	Description	Qty.
1	25070	(010000--)	Engine	1
2	33828	(010000--)	Strip, Spacer, Rear Motor Mtg	2
3	25062	(010000--)	Bracket, Eng Mtg, Left Rear	1
4	51176	(010000--)	Dampner, Engine	4
5	19171	(010000--)	Pump, Fuel, Electric	1
6	40585	(010000--)	Ftg--Brs St If05/Pm02	1
7	36028	(010000--)	Fuelline Assy	1
8	06869	(010000--)	Ftg--Brs Str If04/Pm02	2
9	25061	(010000--)	Bracket, Eng Mtg, Right Rear	1
10	33822	(010000--)	Fuelline Assy, Bleed Line	1
11	25063	(010000--)	Bracket, Eng Mtg, Front	1
12	25069	(010000--)	Plate, Fuel Pump	1
13	36027	(010000--)	Fuelline	1
14	33737	(010000--)	Banjo, Fuel	1
15	43844	(010000--)	Clamp--Wormdrive, 0.25-- 0.62D	2
16	50467	(010000--)	Hose, Rbr .188 I.D. X 4.0 Lg	1
17	25522	(010000--)	Ring, Coupling Mtg	1
18	25080	(010000--)	Coupling, Flywheel 3 Bushings	1
19	82579	(010000--)	Pin, Spring, 10.5Mm X 26Mm	2
20	25066	(010000--)	Housing, Flywheel, Machined	1
21	33613	(010000--)	Ftg--Hyd Str (Bspp) Mpm02/Pf02	1
22	24976	(010000--)	Ftg--Brs E45 Pm02/Pf02	1
23	26426	(010000--)	Ftg, Brass, Tee 02Pf-- 02Pf-- 02Pm	1
24	51805	(010000--)	Switch, Oil Pressure 1.5A 12V	1
25	34808	(010000--)	Sender, Oil Pressure	1
26	68106	(010000--)	Terminal Tab	2
27	46236	(010000--)	Clamp--Cable, 0.25Dia 0.56Wth	2
28	82573	(010000--)	Scr Hex M12X1.25 25 8.8 Pltd	4
29	33612	(010000--)	Scr--Hex M10X1.25 35 8.8 Pltd	7
30	07299	(010000--)	Scr--Hex M10X1.25 25 8.8 Pltd	6
31	33609	(010000--)	Scr--Hex M14X1.5 25 8.8 Pltd	4
32	33875	(010000--)	Send Unit, Temperature, Water	1
33	25314	(010000--)	Switch, Temp.	1
34	25064	(010000--)	Bracket, Eng Mtg, Front Rh	1
35	33595	(010000--)	Ftg--Hyd E90 Mom16/Jm08	1
36	60090	(010000--)	Ftg--Hyd Cap Jf08	1



06698

Fig. 24 – Throttle Linkage Group

Key	TENNANT Part No.	Machine Serial Number	Description	Qty.
1	36198	(010000–)	Bracket Wldt, Throttle	1
2	82597	(010000–)	Link, Throttle	1
3	36207	(010000–)	Handle, Throttle	1
4	36238	(010000–)	Grip, Vinyl .18 X .75 X 2.75	1
5	75575	(010000–)	Sprng,Tens,0.500Dx.06Wire 2.5L	1
6	36218	(010000–)	Rod, Throttle, Diesel	1
7	32298	(010000–)	Bellcrank, Throttle, Kubota	1
8	34924	(010000–)	Swivel, Control .250–20 .25Dia	2
9	32297	(010000–)	Spacer	1
10	25068	(010000–)	Plate, Pivot Throttle	1
11	76979	(010000–)	Bearing, Thrust	2
12	25029	(010000–)	Rod, Injection Pump	1
13	14601	(010000–)	Balljoint .250–28	3
14	42196	(010000–)	Rod–Thrd, Full .25–28	1

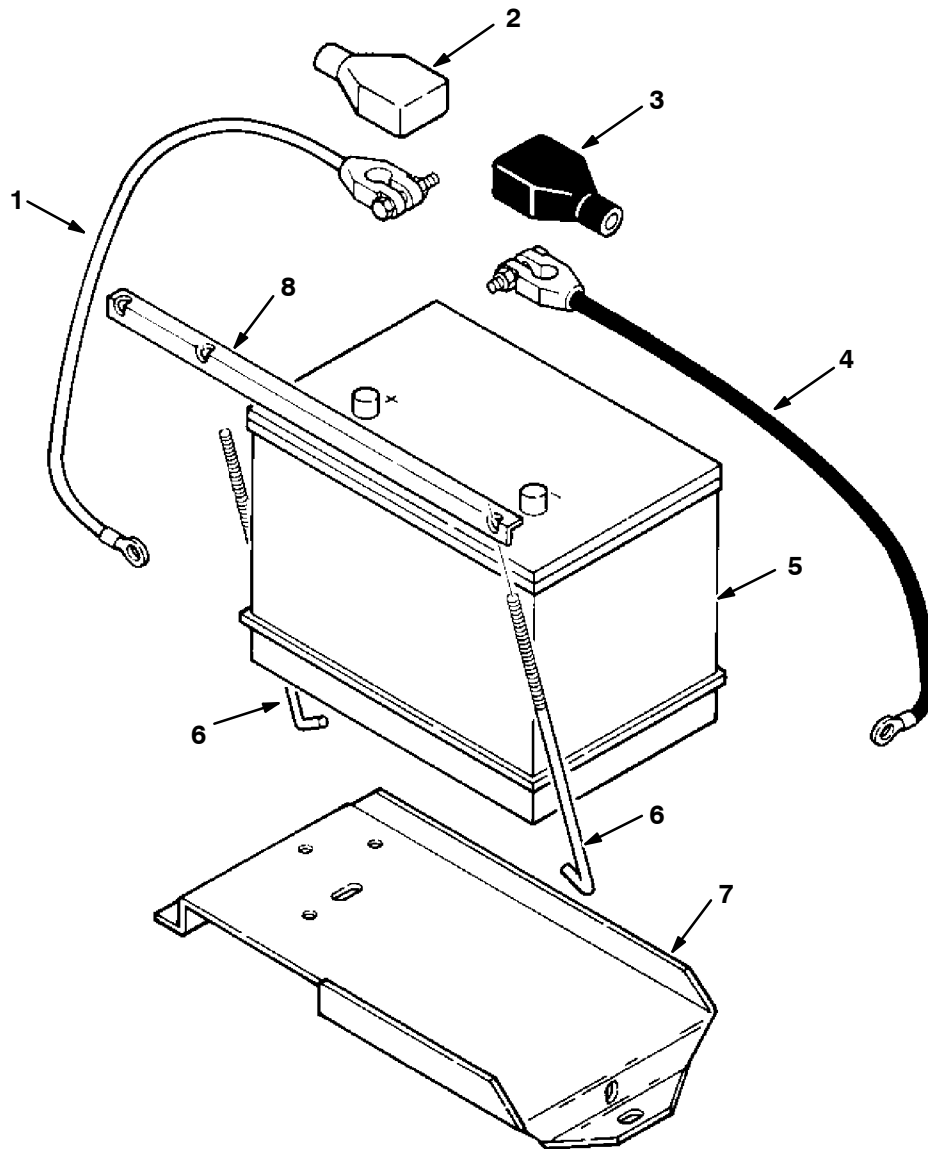


Fig. 25 -- Battery Group

06694

Key	TENNANT Part No.	Machine Serial Number	Description	Qty.
1	34823	(010000-)	Cable, Batt. Pos. 33"L	1
2	68873	(010000-)	Boot,Batt.Term. 1-2Ga. Red	1
3	68872	(010000-)	Boot,Batt.Term.1-2Ga. Black	1
4	34821	(010000-)	Cable, Batt, Neg. 36"L	1
5	10136	(010000-)	Battery, 12V, Cc Amps:625 Wet	1
6	13015-1	(010000-)	Bolt,Hold Down,Battery,10.0 Lg	2
7	34283	(010000-)	Tray, Battery Retaining	1
8	16700	(010000-)	Angle, Battery Hold Down	1

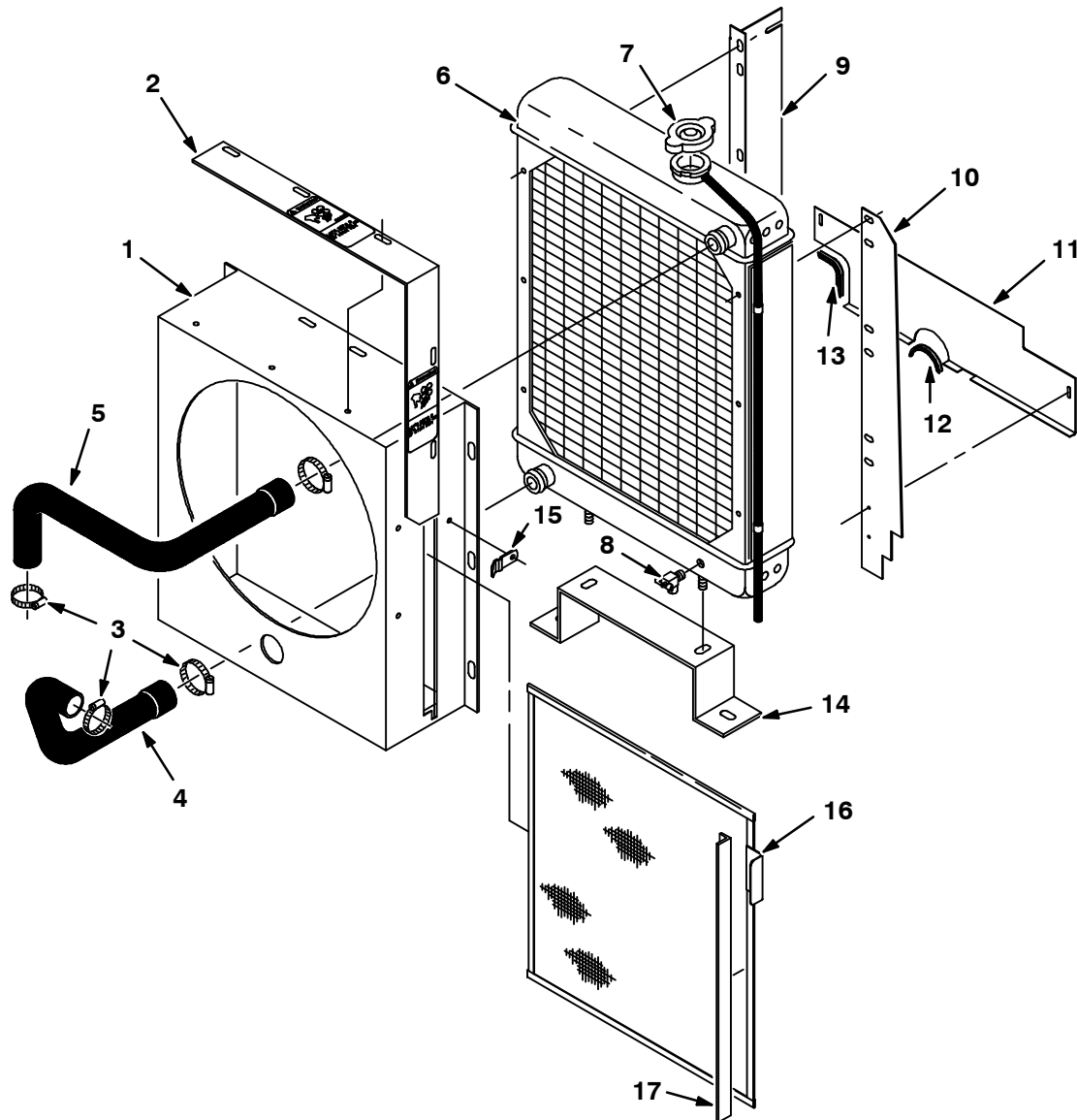
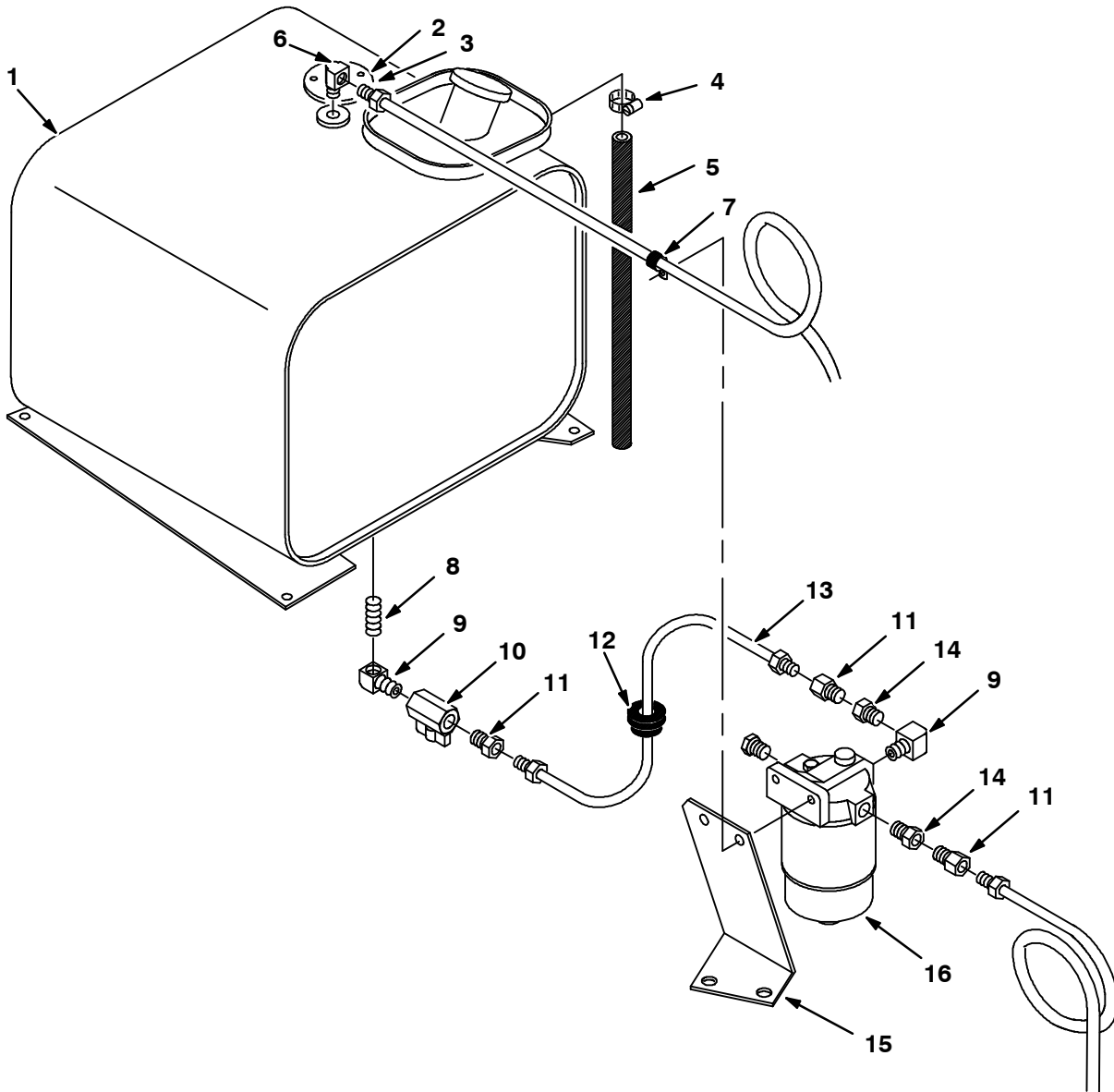


Fig. 26 -- Radiator Group

06699

Key	TENNANT Part No.	Machine Serial Number	Description	Qty.
1	35463	(010000-)	Panel Wldt, Shroud, Fan Kubota	1
2	34987	(010000-)	Wrap Fan Shroud	1
3	11531	(010000-)	Clamp, Wormdrive, 1.06- 2.00D	4
4	25081	(010000-)	Hose, Radiator, Lower	1
5	25082	(010000-)	Hose, Radiator, Upper	1
6	50605	(010000-)	Radiator, Modine#1A 14315 D	1
7	48655	(010000-)	Cap,Radiator-Purchased	1
8	51305	(010000-)	Drain Cock,,25Npt Wh#120 Angl	1
9	34927	(010000-)	Panel Rh Radiator	1
10	34926	(010000-)	Panel Lh Radiator	1
11	35974	(010000-)	Angle, Recirculation	1
12	62170-3	(010000-)	Molding, Trim 16Ga&Thinnr 4.4	1
13	59118-4	(010000-)	Molding, Trim 16Ga&Thinnr 7.0	1
14	34989	(010000-)	Mount,Radiator	1
15	35471	(010000-)	Spring, Latch Screen	1
16	35470	(010000-)	Screen Wldt	1
17	36197	(010000-)	Seal, Fan Shroud	1



06700

Fig. 27 – Fuel Tank Group

Key	TENNANT Part No.	Machine Serial Number	Description	Qty.
1	34220	(010000–)	Tank Fuel	1
2	07873	(010000–)	Send Unit	1
3	14131	(010000–)	Gasket, 2.7D 1.5B.12T 5/ 2.1Bc	1
4	54333	(010000–)	Clamp–Wormdrive, 0.31 – 0.88D	1
5	34258	(010000–)	Hose, Fuelline, .50ld X 14.5Lg	1
6	15555	(010000–)	Ftg–Brs	E90
If04/Pm02 1				
7	46236	(010000–)	Clamp–Cable, 0.25Dia 0.56Wth	1
8	48144	(010000–)	Ftg,Pipe,Nip.Blk0.12Ptx 1.50Lg	1
9	11984	(010000–)	Ftg,Brass,Elb,02Npt–02Npt	2
10	08873	(010000–)	Valve, Ball–.12Npt Pfpf L	1
11	40585	(010000–)	Ftg–Brs Str If05/Pm02	3
12	09280	(010000–)	Grommet,Rbr,0.56ld,For .16Matl	1
13	33820	(010000–)	Fuelline Assy, .312Od	1
14	17414	(010000–)	Ftg–Hyd Str Pm04/Pf02	2
15	34958	(010000–)	Brkt, Fuel Filter	1

LOW DUMP MODEL PARTS

16	06868	(010000–	)	Filter, Fuel, Water Separator	1
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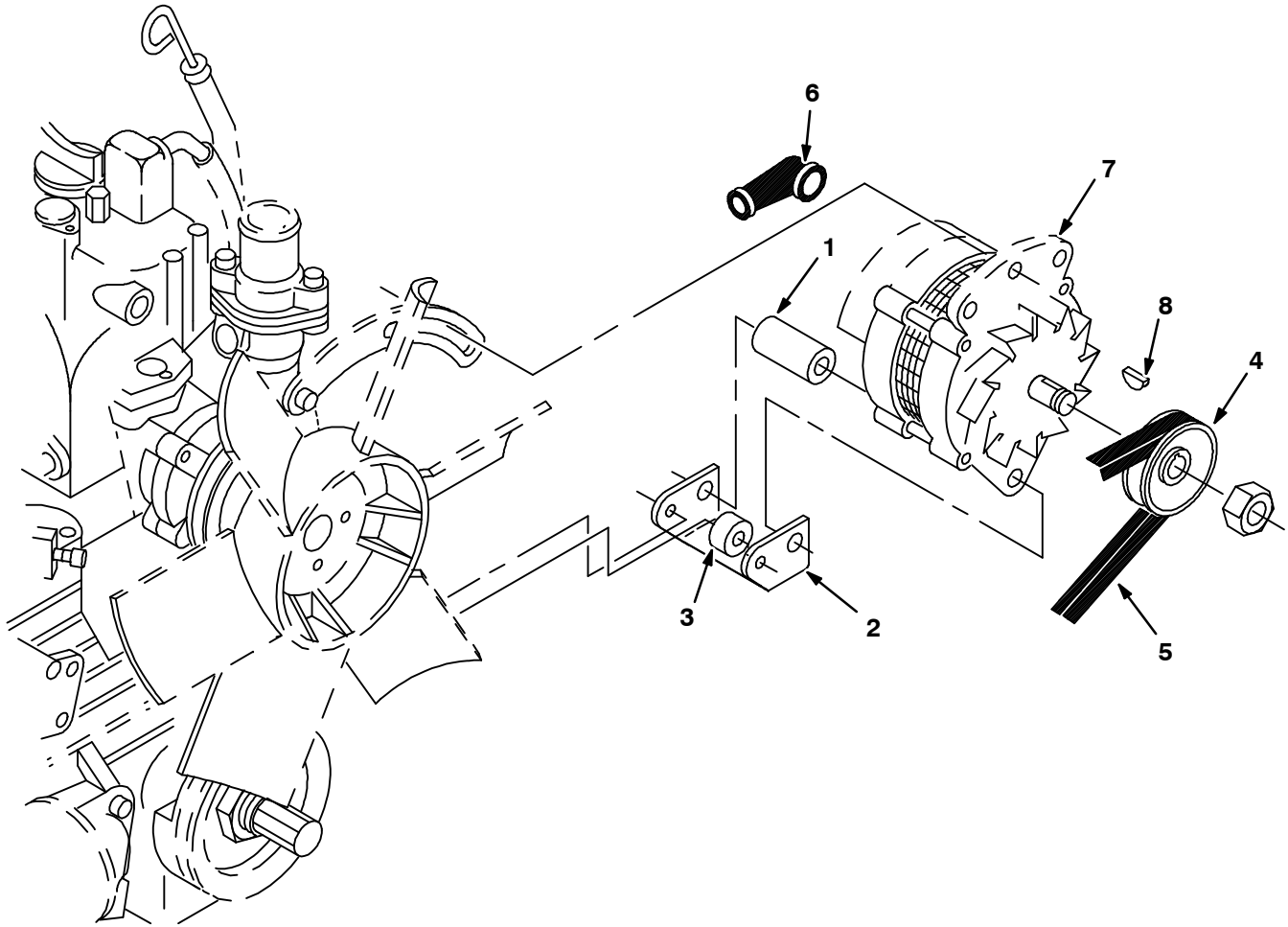


Fig. 28 – Alternator Group

06701

Key	TENNANT Part No.	Machine Serial Number	Description	Qty.
1	33647	(010000 –)	Sleeve, .56B, 1.00D, 1.930Lg	1
2	33641	(010000 –)	Bracket, Alt. Kubota	1
3	02965	(010000 –)	Sleeve, 0.375B, 1.00 D, .53 Stl	1
4	54914	(010000 –)	Sheave	1
5	04022	(010000 –)	V-Belt, A-42	1
6	34065	(010000 –)	Boot, Packard Electric (Altern	1
7	03233	(010000 –)	Alternator, 37 A. Sealed Brush	1
8	00500-5	(010000 –)	Key – Wdruff 0.12 0.62	1

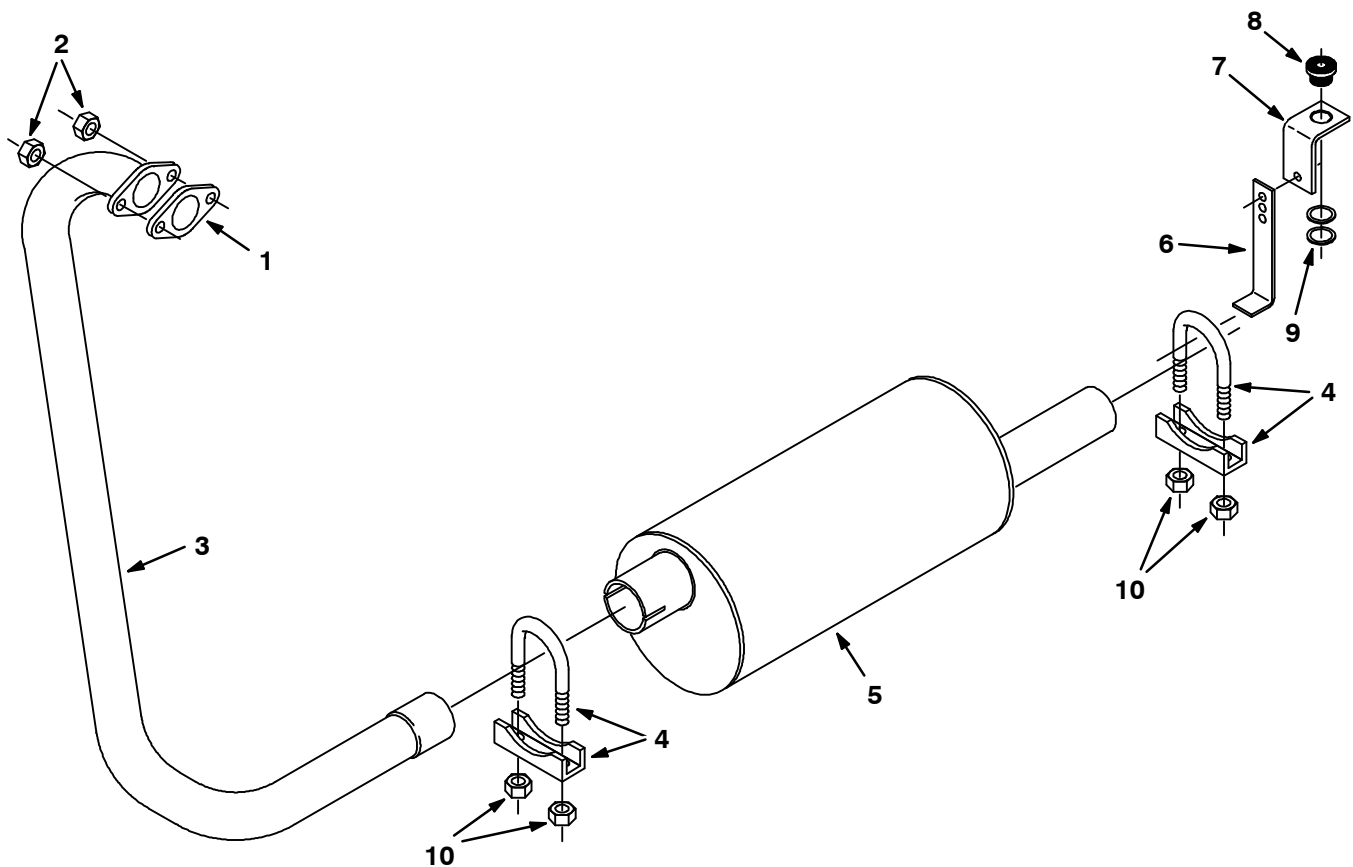


Fig. 29 – Muffler Group

06708

Key	TENNANT Part No.	Machine Serial Number	Description	Qty.
1	34908	(010000 –)	Gasket, Tailpipe	1
2	39312	(010000 –)	Nut Hx Std M10X1.5	2
3	25076	(010000 –)	Pipe, Exhaust	1
4	05881	(010000 –)	Clamp – Muffler, For 2.00 Od Tube	2
5	52906	(010000 –)	Muffler – Exh, Rnd	1
6	47990	(010000 –)	Brkt – L, 5.2 1.2 .12 .5L3/.34H	1
7	47989	(010000 –)	Brkt – L, 2.6 2.0 .19 1.5L2/HIs	1
8	54274	(010000 –)	Isolator – Vibration, 60 Lb. Ratng	1
9	09832	(010000 –)	Washer, .812B 1.06D .06Cr.	2
10	87435	(010000 –)	Nut – Hx flexloc .31 – 18 Reg Pltd	4

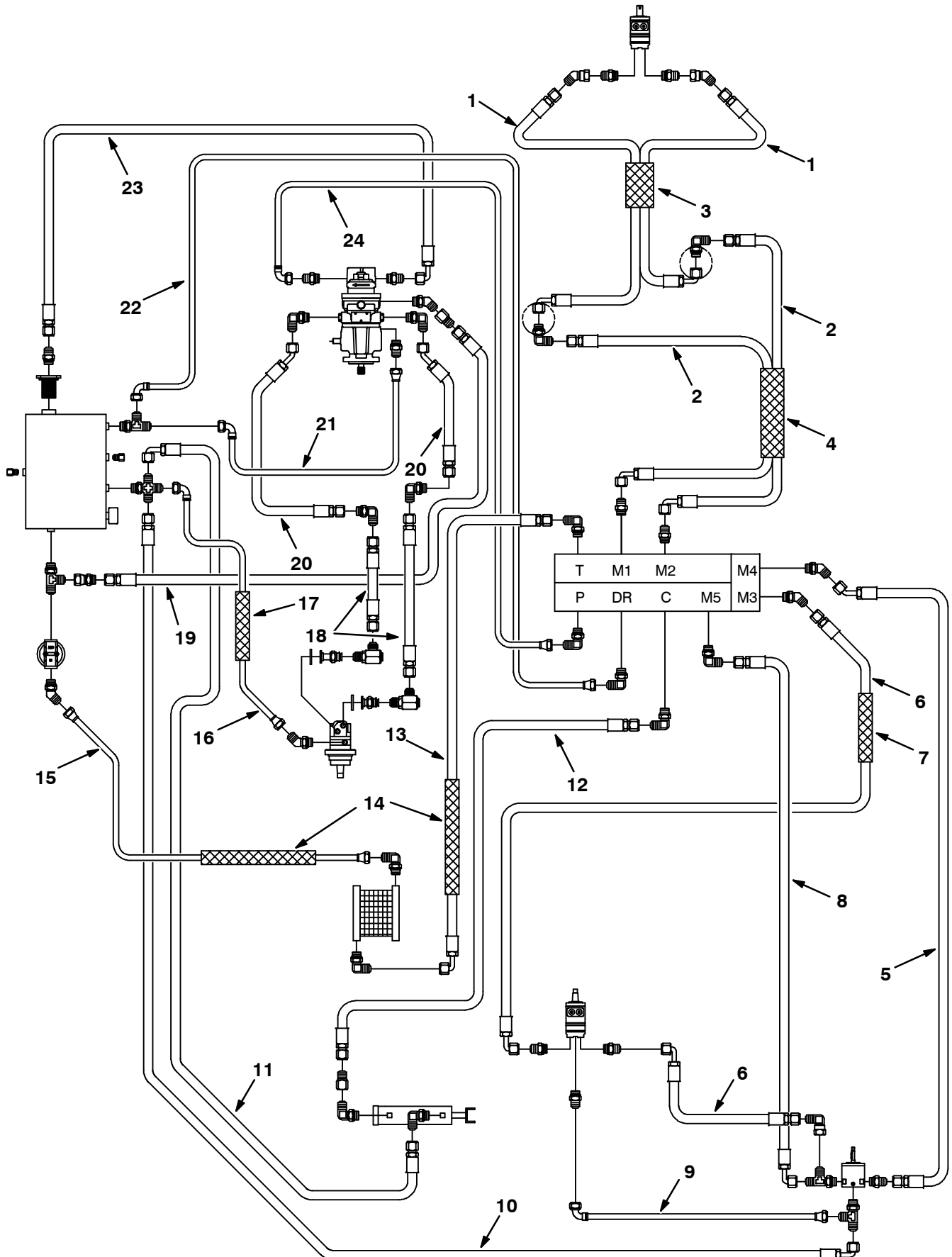
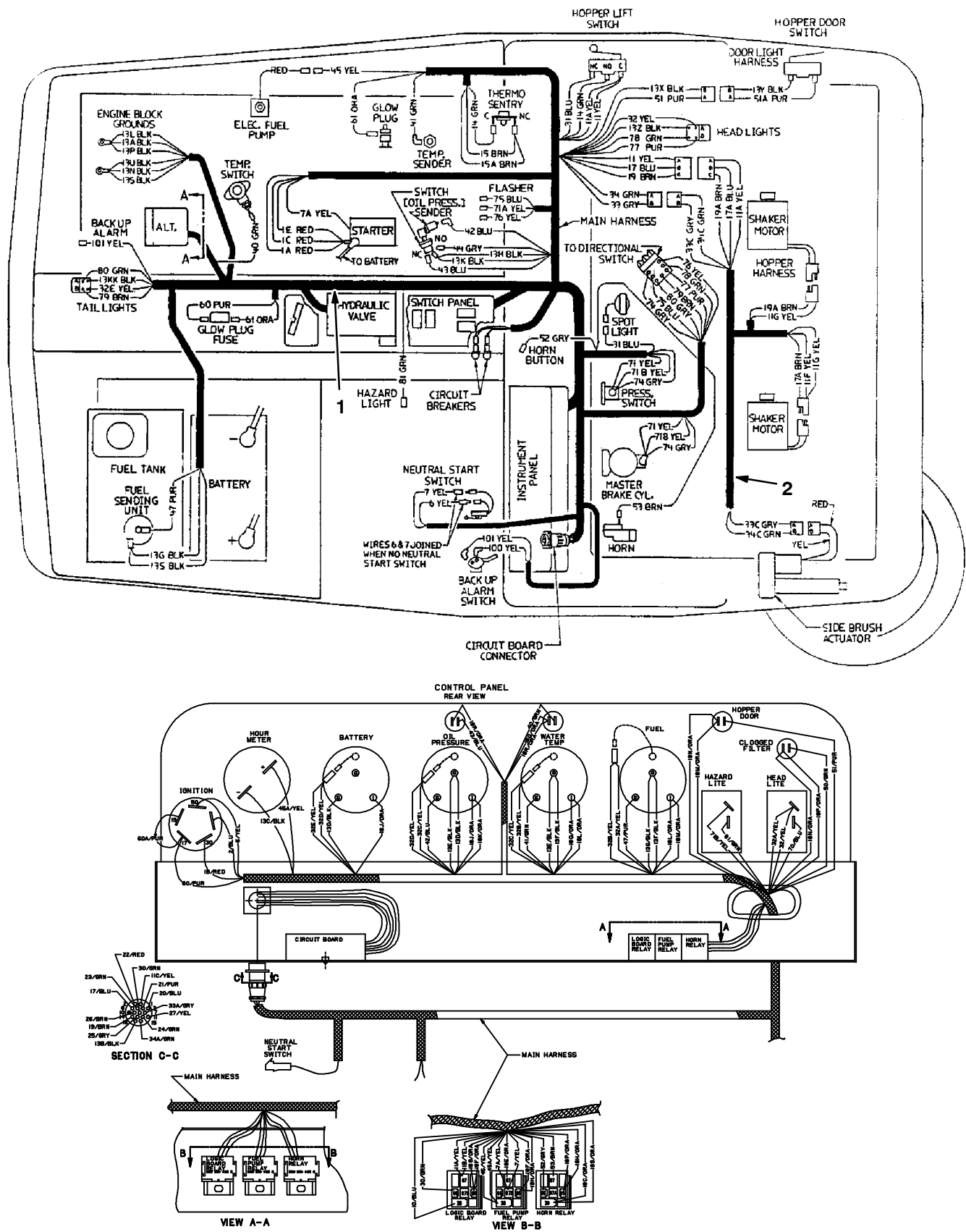


Fig. 30 – Hydraulic Hoses Group

Fig. 30 – Hydraulic Hoses Group

Key	TENNANT Part No.	Machine Serial Number	Description	Qty.
1	35486	(010000–)	Hose–Hyd Med06 Jf/J9	2
2	31594	(010000–)	Hose–Hyd Med06 Jf/J9	2
3	82830	(010000–)	Sleeve–Nyl n #24 16.0L	1
4	34313	(010000–)	Sleeve, Hyd.Hose 1.75Id X 67.0	1
5	16463	(010000–)	Hose–Hyd Med08 Jf/J4	1
6	35485	(010000–)	Hose–Hyd Med08 Jf/J9	2
7	34329	(010000–)	Sleeve–Nyl n #28 20.0L	1
8	34355	(010000–)	Hose–Hyd Med08 Jf/J9	1
9	02549	(010000–)	Hose–Hyd Low04 Jf/J9	1
10	34420	(010000–)	Hose–Hyd Low04 Jf/J9	1
11	31600	(010000–)	Hose–Hyd Low04 Jf/J9	1
12	82814	(010000–)	Hose–Hyd Med04 Jf/Jf	1
13	31720	(010000–)	Hose–Hyd Med12 Jf/J9	1
14	35484	(010000–)	Sleeve–Nyl n #24 45.0L	2
15	35487	(010000–)	Hose–Hyd Low12 Jf/Jf	1
16	34388	(010000–)	Hose–Hyd Low04 Jf/J9	1
17	34054	(010000–)	Sleeve–Nyl n #12 25.0L	1
18	08024	(010000–)	Hose–Hyd Hi 12 Jf–J4	2
19	34376	(010000–)	Hose–Hyd Med06 Jf/Jf	1
20	57951	(010000–)	Hose–Hyd Hi 12 Jf/J4	2
21	34378	(010000–)	Hose–Hyd Low04 Jf/J9	1
22	82806	(010000–)	Hose–Hyd Low04 Jf/J9	1
23	34351	(010000–)	Hose–Hyd Suc20 Jf/J9	1
24	35488	(010000–)	Hose–Hyd Med12 Jf/Jf	1





5-48
97 MM282 (2-91)

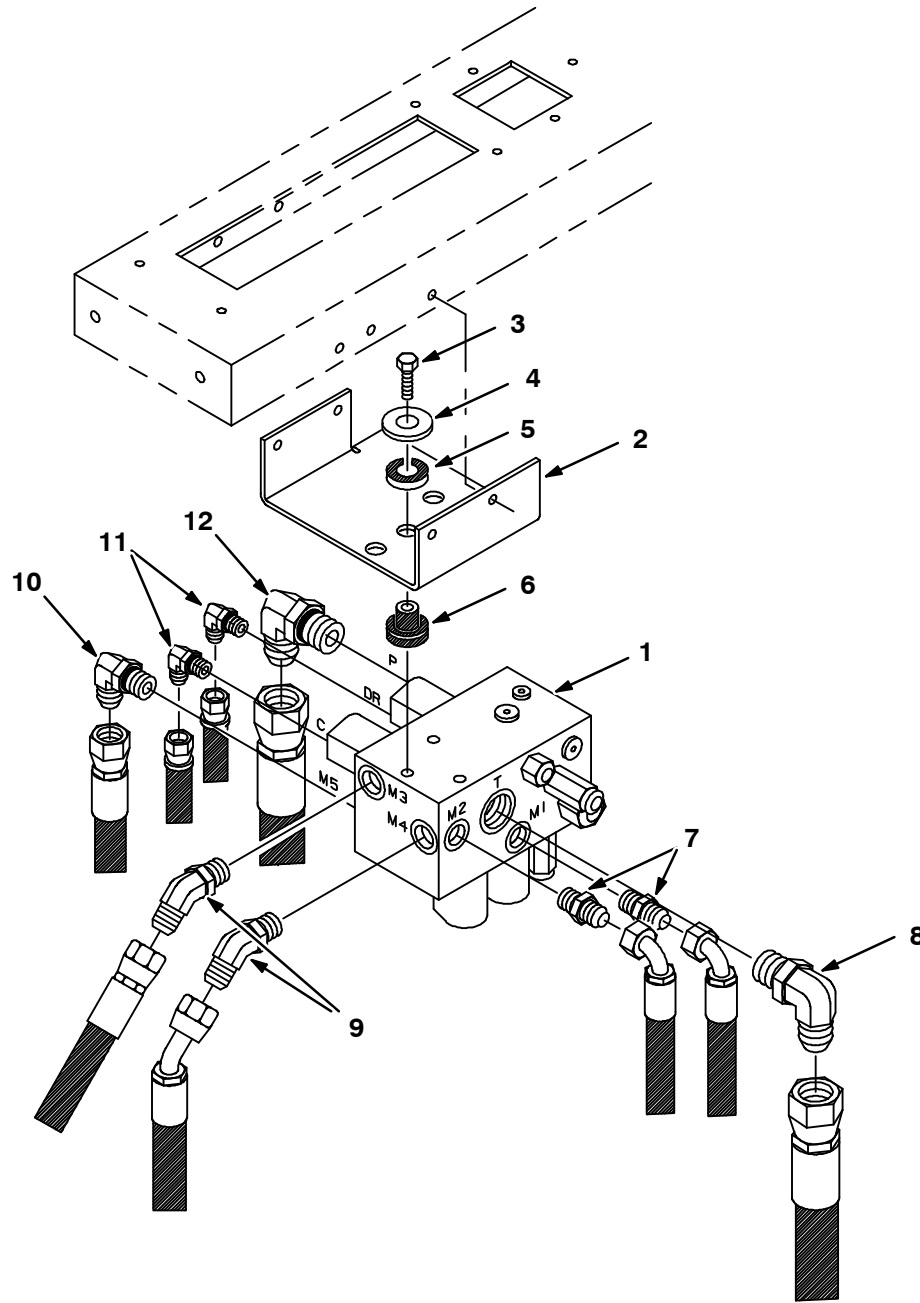


Fig. 32 – Control Valves Group

06710

Key	TENNANT Part No.	Machine Serial Number	Description	Qty.
1	35492	(010000 –)	Valve Hyd, Solenoid (See Hydraulic Components)	1
2	35385	(010000 –)	Bracket Assy, Valve	1
3	46559	(010000 –)	Scr–Hex .38–16X1.25 Nylon Loc	3
4	33948	(010000 –)	Washer–Flt .38 Fender Pltd	3
5	62172	(010000 –)	Ring	3
6	62173	(010000 –)	Bushing, Isolator –Inner,Rbr.	3
7	56690	(010000 –)	Ftg–Hyd Str Jm06/Om06	2
8	46481	(010000 –)	Ftg–Hyd E90 Jm12/Om12	1
9	42226	(010000 –)	Ftg–Hyd E45 Jm08/Om08	2
10	44868	(010000 –)	Ftg–Hyd E90 Jm08/Om08	1
11	77097	(010000 –)	Ftg–Hyd E90 Jm04/Om04	2
12	46481	(010000 –)	Ftg–Hyd E90 Jm12/Om12	1

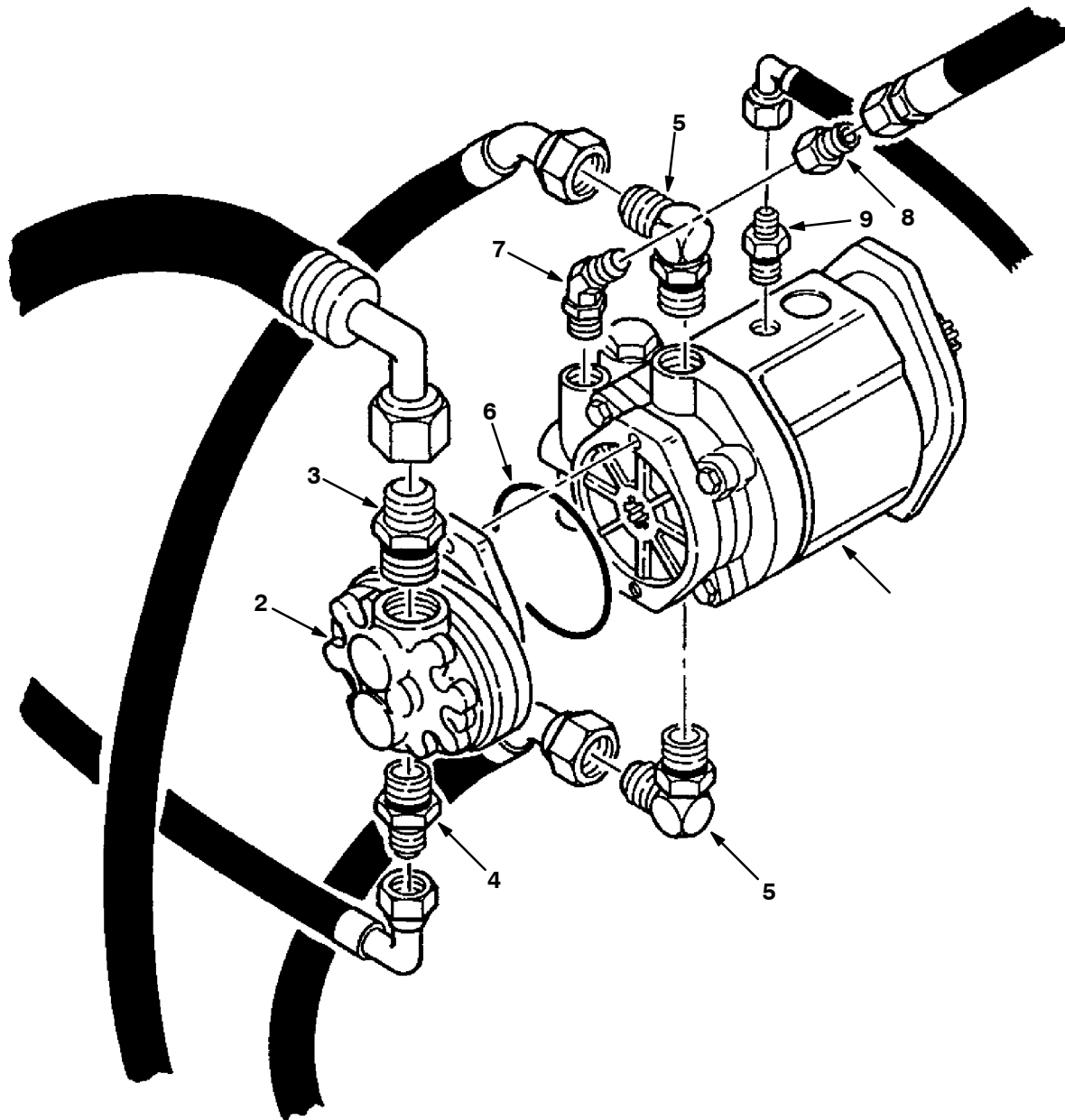


Fig. 33 – Hydraulic Pumps Group

06711

Key	TENNANT Part No.	Machine Serial Number	Description	Qty.
1	35730	(010000–)	Pump, Hyd Piston (See Hydraulic Components)	1
2	35490	(010000–)	Pump–Hyd, Gear (See Hydraulic Components)	1
3	67811	(010000–)	Ftg–Hyd Str Jm20/Om16	1
4	06750	(010000–)	Ftg–Hyd Str Jm12/Om10	1
5	46481	(010000–)	Ftg–Hyd E90 Jm12/Om12	2
6	65145–1	(010000–)	O–Ring Gland	1
7	42226	(010000–)	Ftg–Hyd E45 Jm08/Om08	1
8	47753	(010000–)	Ftg–Hyd Str Jm06/Jf08	1
9	55685	(010000–)	Ftg–Hyd Str Jm04/Om06	1

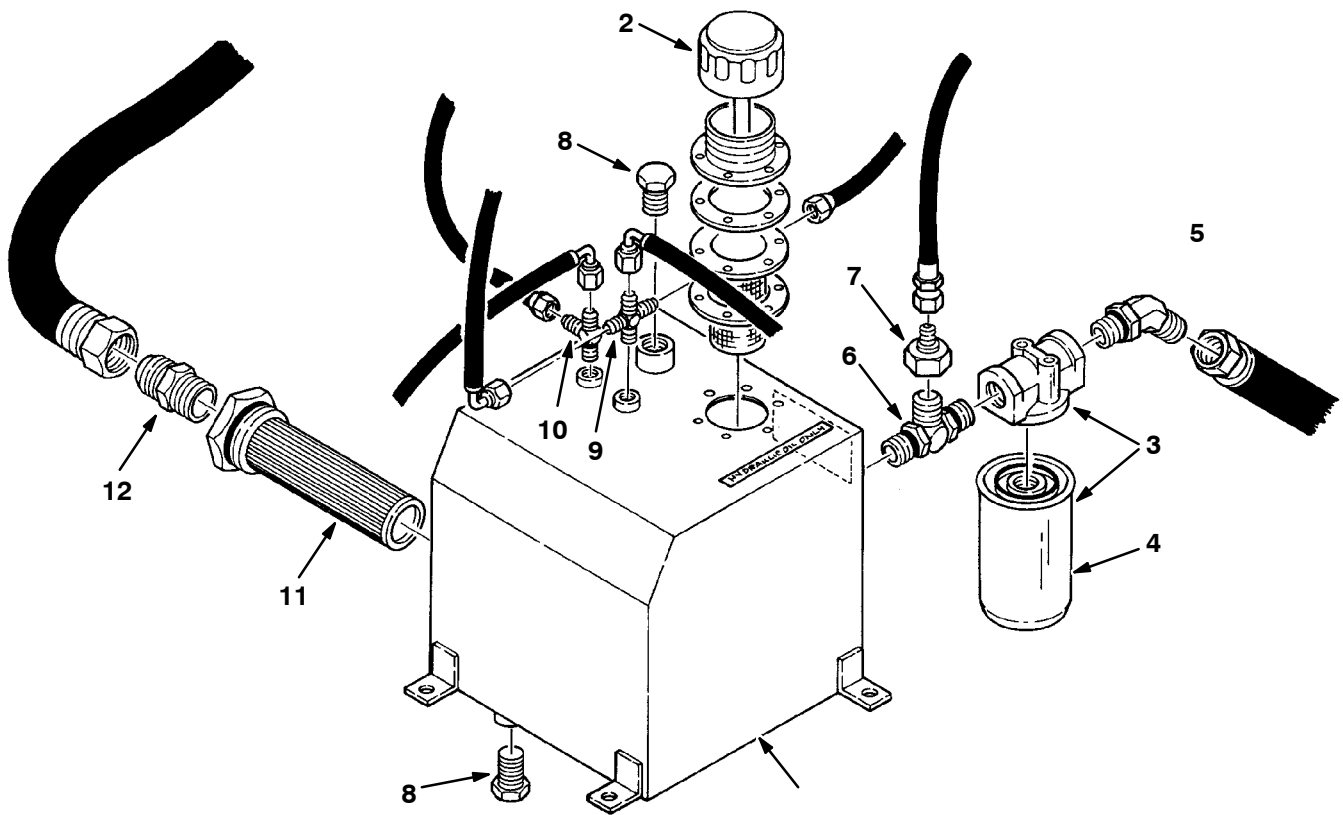


Fig. 34 – Hydraulic Reservoir Group

06712

Key	TENNANT Part No.	Machine Serial Number	Description	Qty.
1	16740	(010000 –)	Reservoir Wldt, Hyd	1
2	82780	(010000 –)	Breather, Hyd. Filler, Dip, 5Psi	1
3	55619	(010000 –)	Filter Assy, Spin-On 10Micron	1
4	55740	(010000 –)	Filtr Element Ph	1
5	16081	(010000 –)	Ftg-Hyd E45 Jm12/Om12	1
6	34396	(010000 –)	Ftg-Tee 1.0Gom/1.06Om/1.06Om	1
7	34375	(010000 –)	Ftg-Hyd Str Jm06/Jf12	1
8	40362	(010000 –)	Ftg-Hyd Plg Om10	2
9	82802	(010000 –)	Ftg-Hyd Crs Jm04/Om04	1
10	34390	(010000 –)	Ftg-Hyd Tee Jm04Jmom	1
11	31613	(010000 –)	Strainer-Hyd Suction 25-100-03	1
12	58858	(010000 –)	Ftg-Hyd Str Jm20/Om20	1

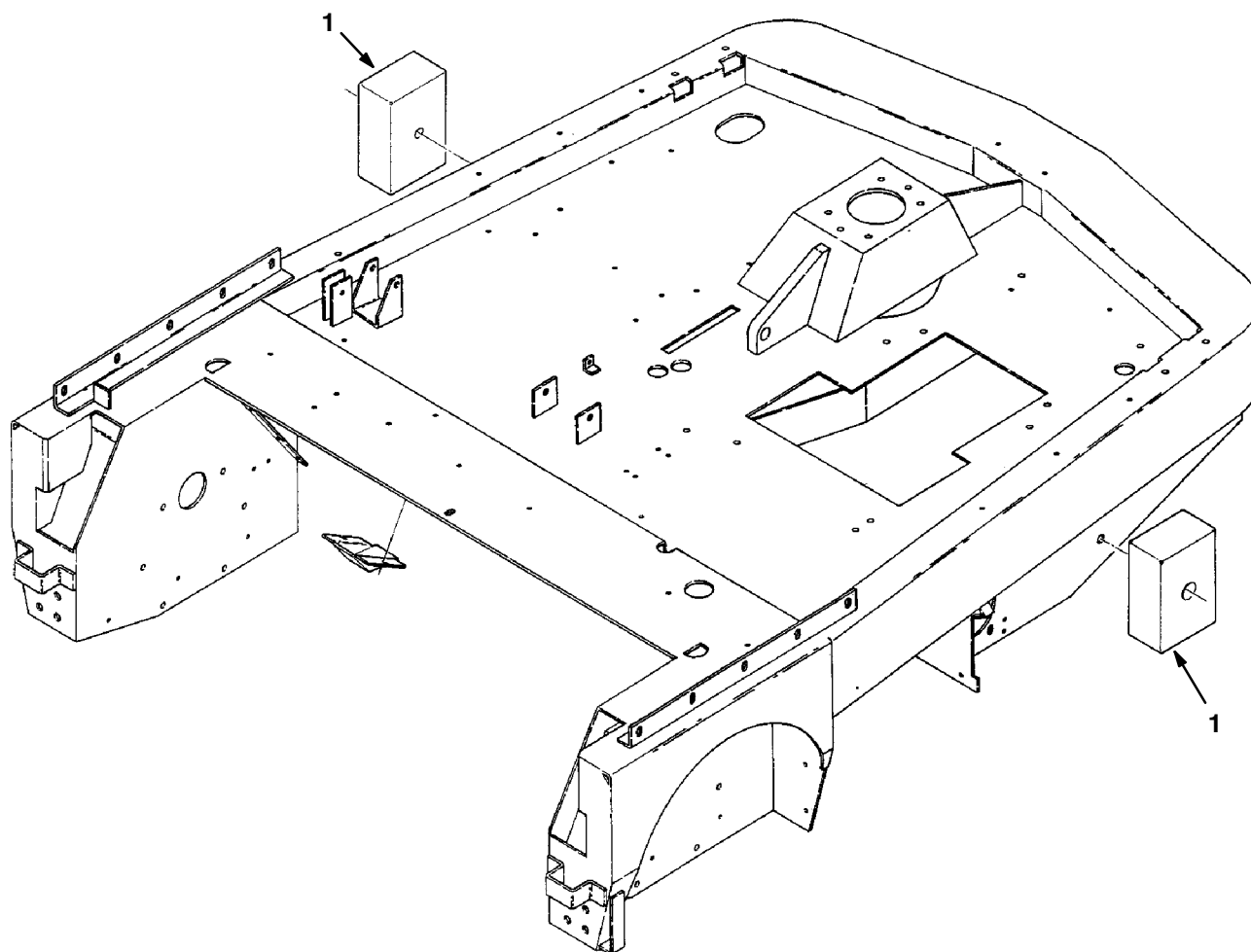


Fig. 35 – Counterweight Group

06713

Key	TENNANT Part No.	Machine Serial Number	Description	Qty.
1	35053	(010000–)	Counterweight	1

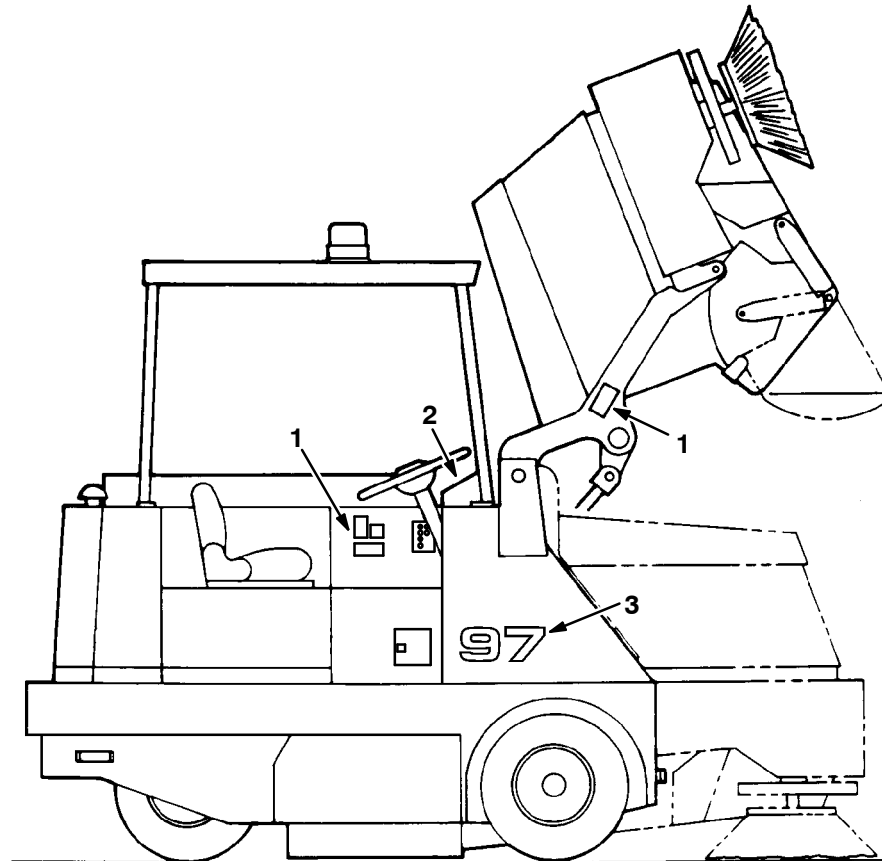
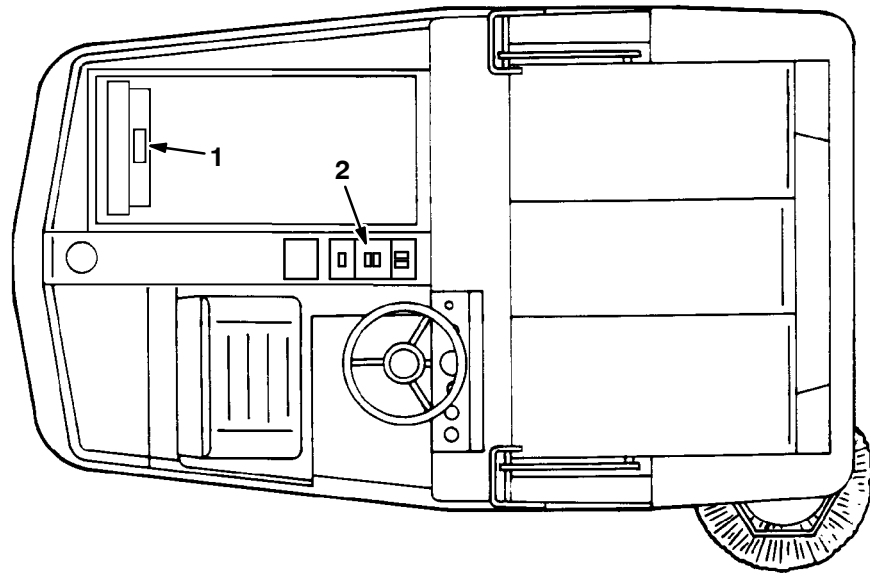


Fig. 36 – Labels Group

06715

Key	TENNANT Part No.	Machine Serial Number	Description	Qty.
	60874	(010000 –)	Label Kit, 97 Complete	1
1	36220	(010000 –)	Label Set, Hazard And Info 97	1
2	36160	(010000 –)	Label Set, Operational 97	1
3	36237	(010000 –)	Label, 97	2

SECTION 6

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NOTE: SECTION 6, MULTI-LEVEL DUMP MODEL PARTS, lists repair parts for a Multi-level Dump model machine.

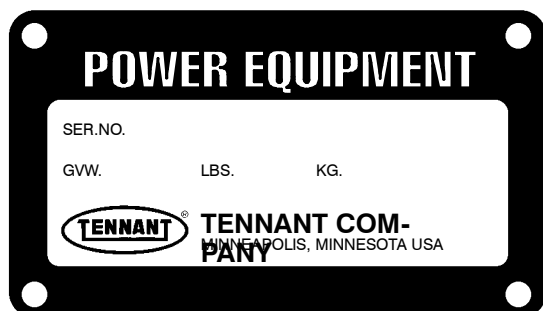
ORDERING REPAIR PARTS

The components used in this machine have been carefully selected for performance and safety. Use only TENNANT specified or equivalent parts.

To receive prompt service in filling of your parts orders, please direct all orders for parts with TENNANT part numbers to the TENNANT, and all orders for parts with vendor part numbers to the local supplier of the respective vendor.

When ordering parts, please furnish all of the following information:

1. Machine model number - shown on the machine data plate.



2. Machine serial number - shown on the machine data plate.
3. Power source - gasoline, LPG, diesel, electric.
4. Company name.
5. Shipping address.
6. Billing address.
7. Name, first and last - of person ordering parts.
8. Telephone number.
9. Purchase order number.
10. Part number, description, and quantity - of each item on the order.
11. Customer ID Number.

Do not order parts by key number or the figure number of the illustrated parts. Indented items indicate parts of assemblies. Standard hardware is furnished only when part of a purchased assembly. Please get hardware from a local hardware supplier.

If the old part cannot be identified, send it to us with the quantity needed specified on the order.

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

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

SERIAL NUMBER INFORMATION EXPLANATION

Serial number listings are shown to indicate on which machines each part can be used. These listings are explained by the following examples:

(000000—) The part can be used on all machines.

(003342—) The part can be used on all machines beginning with the serial number listed.

(000000—004320) The part can be used on all machines up to and including serial number listed.

(004321—005678) The part can be used on all machines between and including the serial numbers listed.

Where xxxxxx's are listed in place of a serial number, it indicates a change was made but the exact serial number had not been established when the catalog went to press.

SI UNITS OF MEASURE (INTERNATIONAL SYSTEM)

Metric equivalents have been included, where applicable, throughout this parts catalog.

FASTENER STRENGTH IDENTIFICATION

Fasteners required to have high-strength qualities equivalent to SAE Grade 8 are identified throughout this catalog by the description GR 8. Unless identified by this description, all standard fasteners are SAE Grade 5.

(Specifications and design subject to change without notice.)

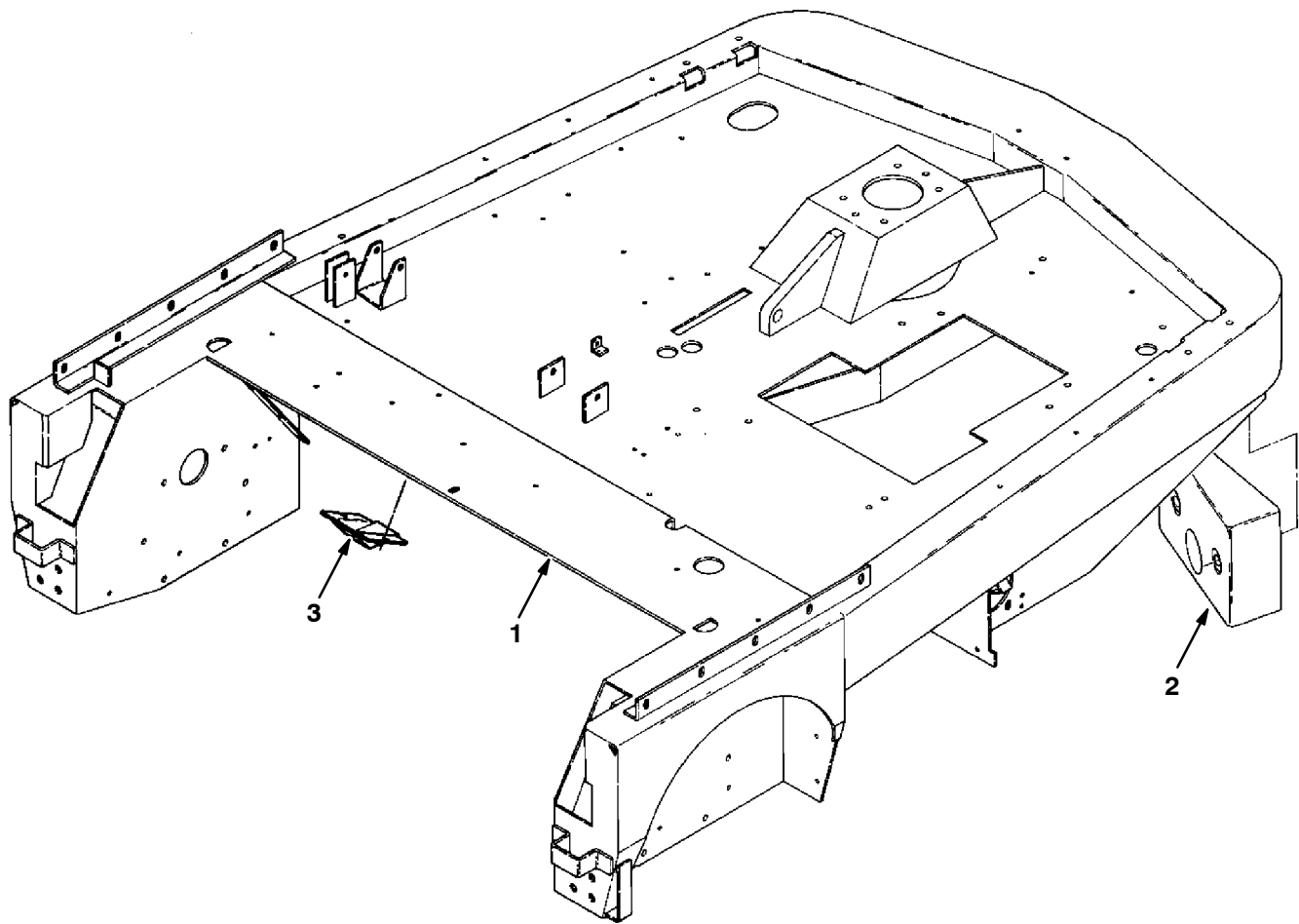


Fig. 1 – Main Frame Group, Multi-Level Dump

06720

Key	TENNANT Part No.	Machine Serial Number	Description	Qty.
1	35214	(010000 –)	Frame Wldt, Main, 97 MLD	1
2	52115	(010000 –)	Counterweight	2
3	34064	(010000 –)	Ramp Weldm'T, Cam	1

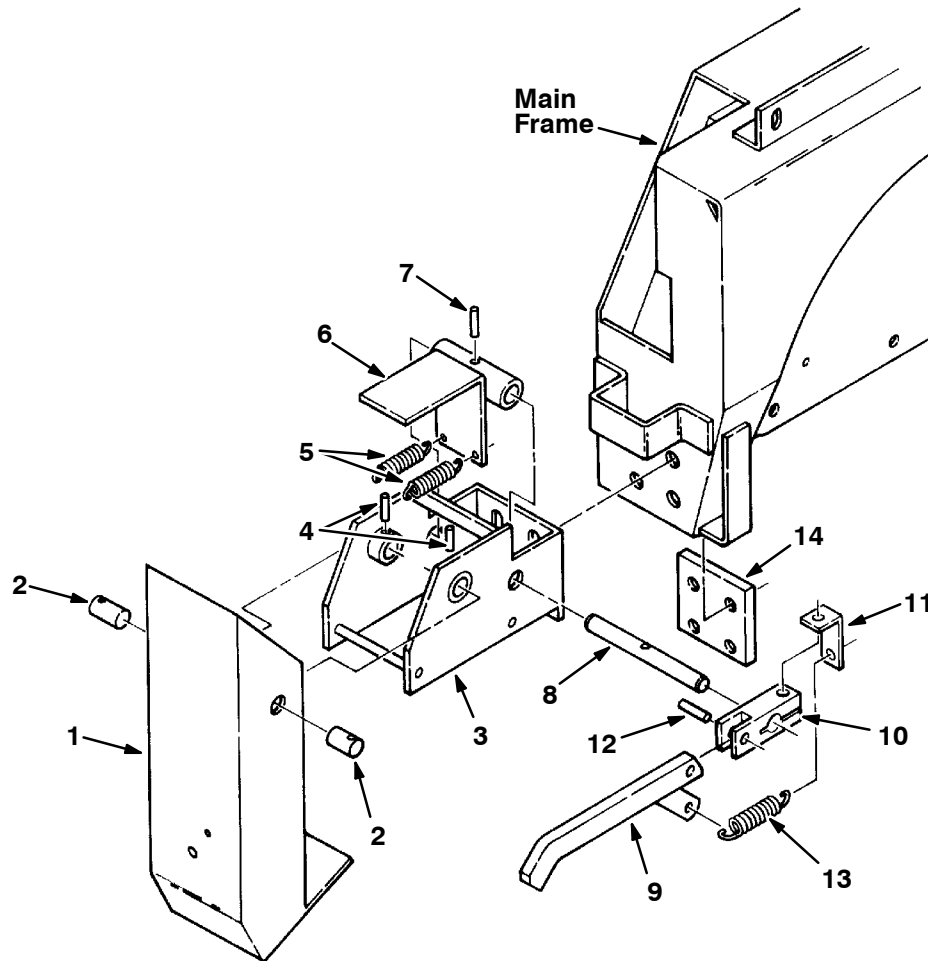


Fig. 2 – Stabilizer Leg Assembly, Multi-Level Dump

06722

Key	TENNANT Part No.	Machine Serial Number	Description	Qty.
	52564	(010000–)	Stabilizer Leg Assembly	1
1	52565	(010000–)	Leg, Safety	1
2	52568	(010000–)	Pin–Drld, .75Dia,3Li/.94Btwn L	2
3	52570	(010000–)	Bracket Weldm.,Leg Mount L	1
4	26239	(010000–)	Pin,Rol.25Odx1.25L,.250/.256 L	2
5	13352	(010000–)	Sprng,Tens,0.62Odx.08Wire2.0 L	2
6	52575	(010000–)	Bracket Weldm.,Stop L	1
7	23999–3	(010000–)	Pin,Rol.37Odx1.25L,.375/.382 L	1
8	52577	(010000–)	Shaft,Stabilizer Leg Stop Plat	1
8	09000	(010000–)	Lever Assy, Stablzr. Leg Stop	1
9	09933	(010000–)	Lever Weld, Stablzr.Leg Stop	1
10	08996	(010000–)	Block, Stab Leg Stop Arm Pivot	1
11	09934	(010000–)	Brkt–L,2.4 1.2 .12 1.0L2/.44H	1
12	08961	(010000–)	Pin, Spirol–.38X1.00 Stl Pltd	1
13	54222	(010000–)	Sprng,Tens,1.00Odx.09Wire 2.8L	1
14	52571	(010000–)	Strip,.50T4.0W 4.0L 4/.50–13Th	1

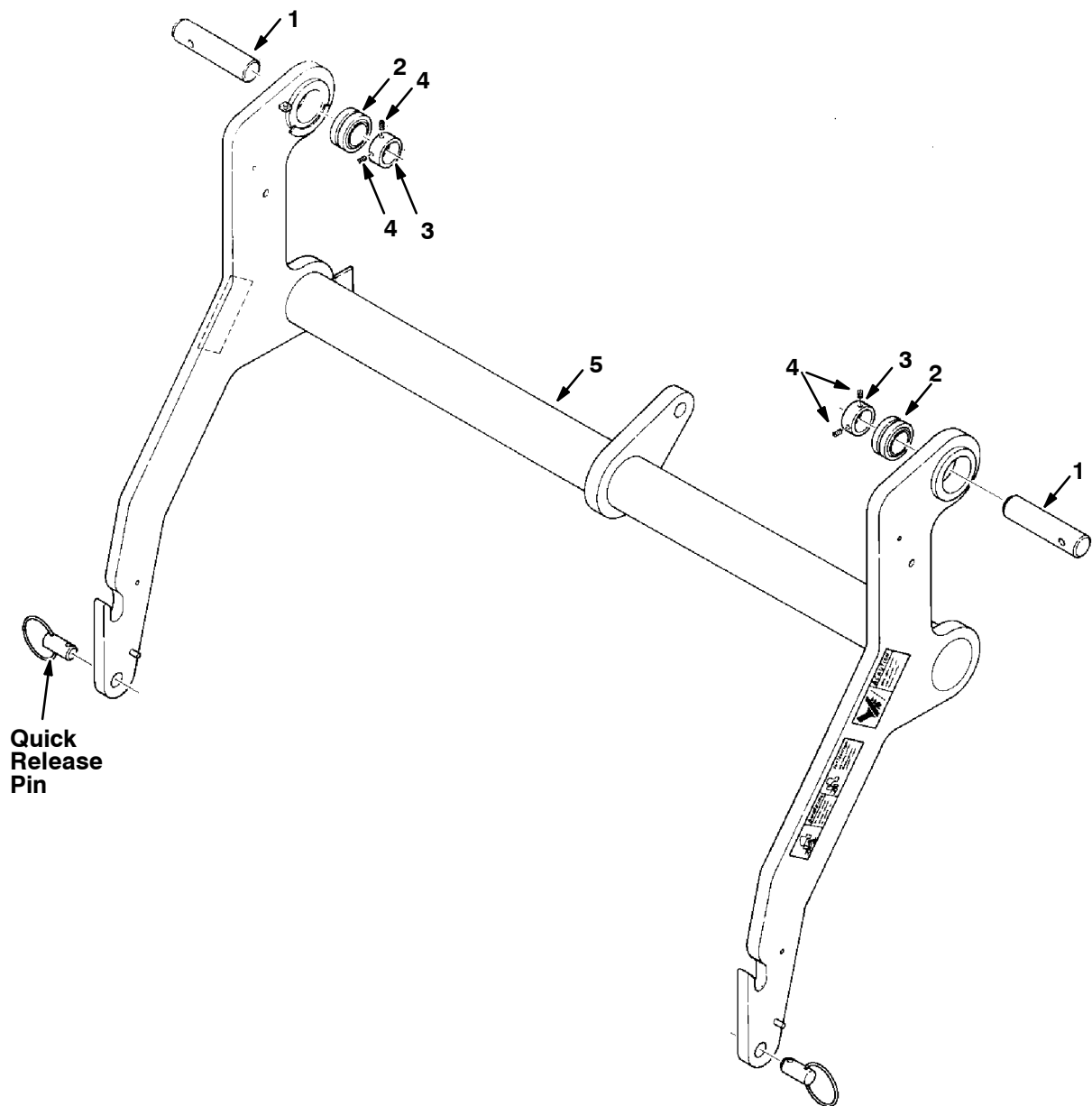


Fig. 3 – Hopper Lift Arms Group, Multi-Level Dump

06724

Key	TENNANT Part No.	Machine Serial Number	Description	Qty.
1	52062	(010000—)	Pin—Drld,1.50D 6.3L/ 1.25Btw	2
2	42120-9	(010000—)	Bearing—Self Align,1.500 Bore	2
3	32816	(010000—)	Collar, Locking	2
4	50011	(010000—)	Scr—Set .25-20X0.38 Nylon Loc	4
5	60950	(010000—)	Arm, Lift, MLD W/Label	1

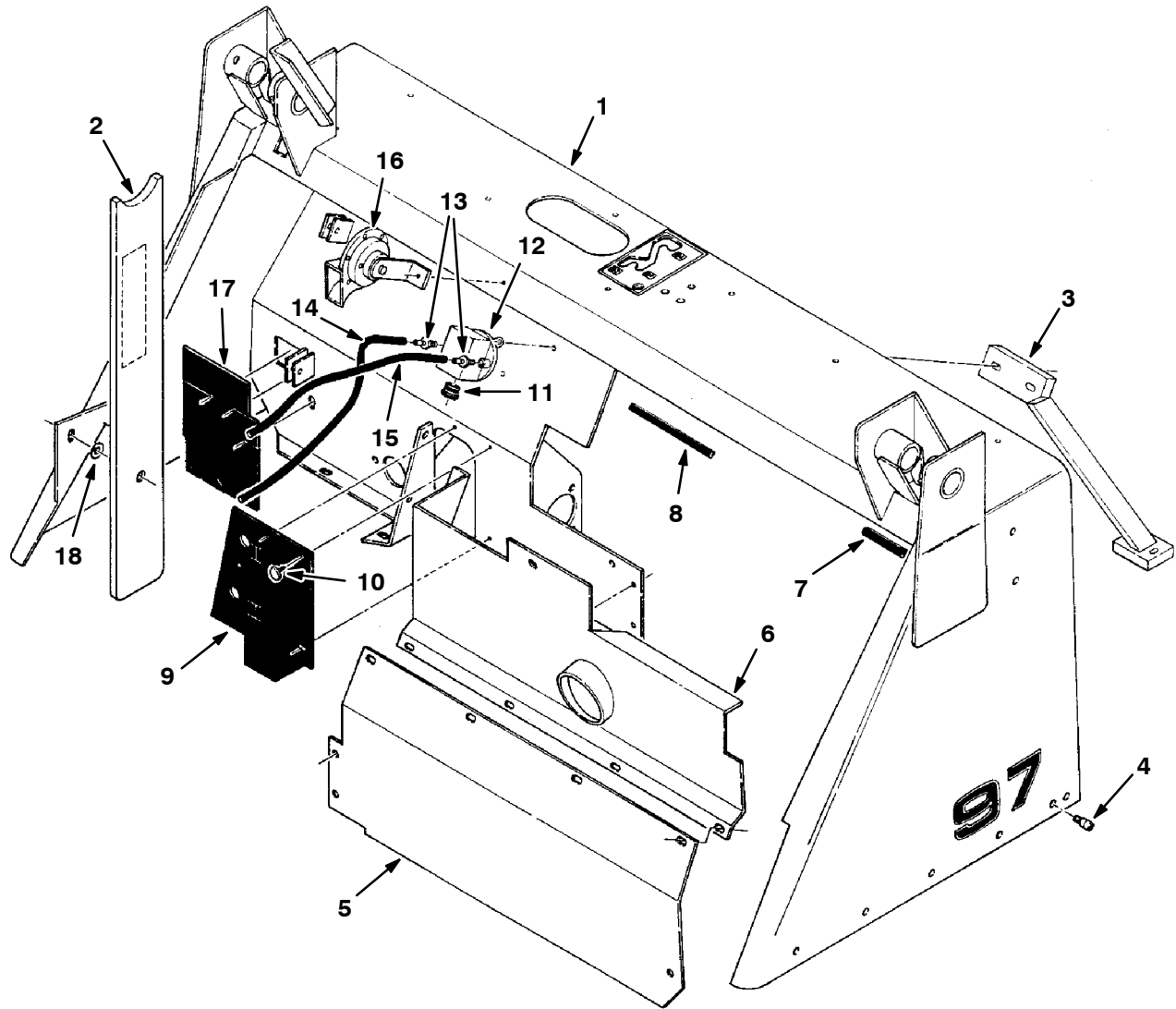


Fig. 4 – Lintel Group, Multi-Level Dump

06725

Key	TENNANT Part No.	Machine Serial Number	Description	Qty.
1	35379	(010000-)	Lintel Wldt, MLD	1
2	60948	(010000-)	Bar, Safety MLD W/Label	1
3	65054	(010000-)	Brace Weldm., Lintel	1
4	36758	(010000-)	Scr-Shld .500Dx0.50L .38-16	2
5	36193	(010000-)	Panel, Front Lower, 97	1
6	36187	(010000-)	Panel Wldt, Front Upper, MLD	1
7	50850	(010000-)	Molding, Trim 11-14Ga 3.2	1
8	62595	(010000-)	Molding, Trim 11-14Ga 7.0	1
9	35789	(010000-)	Cover, Rubber	1
10	36214	(010000-)	Clip, Dart	5
11	37031	(010000-)	Strainrelief, F/Flat Spt-3 Cord	1
12	34868	(010000-)	Switch, Pressure	1
13	40607	(010000-)	Ftg-Brs Str Bm03/Pm02	2
14	39780	(010000-)	Hose Vac., Rubber, .16ld, 40.0L	1
15	39780-1	(010000-)	Hose Vac., Rubber, .16ld, 28.0L	1
16	14138A	(010000-)	Horn, 12V	1
17	60708	(010000-)	Cover, Rubber, Cable	1
18	24227	(010000-)	Washer-Dished, .50 Std.Flat	1

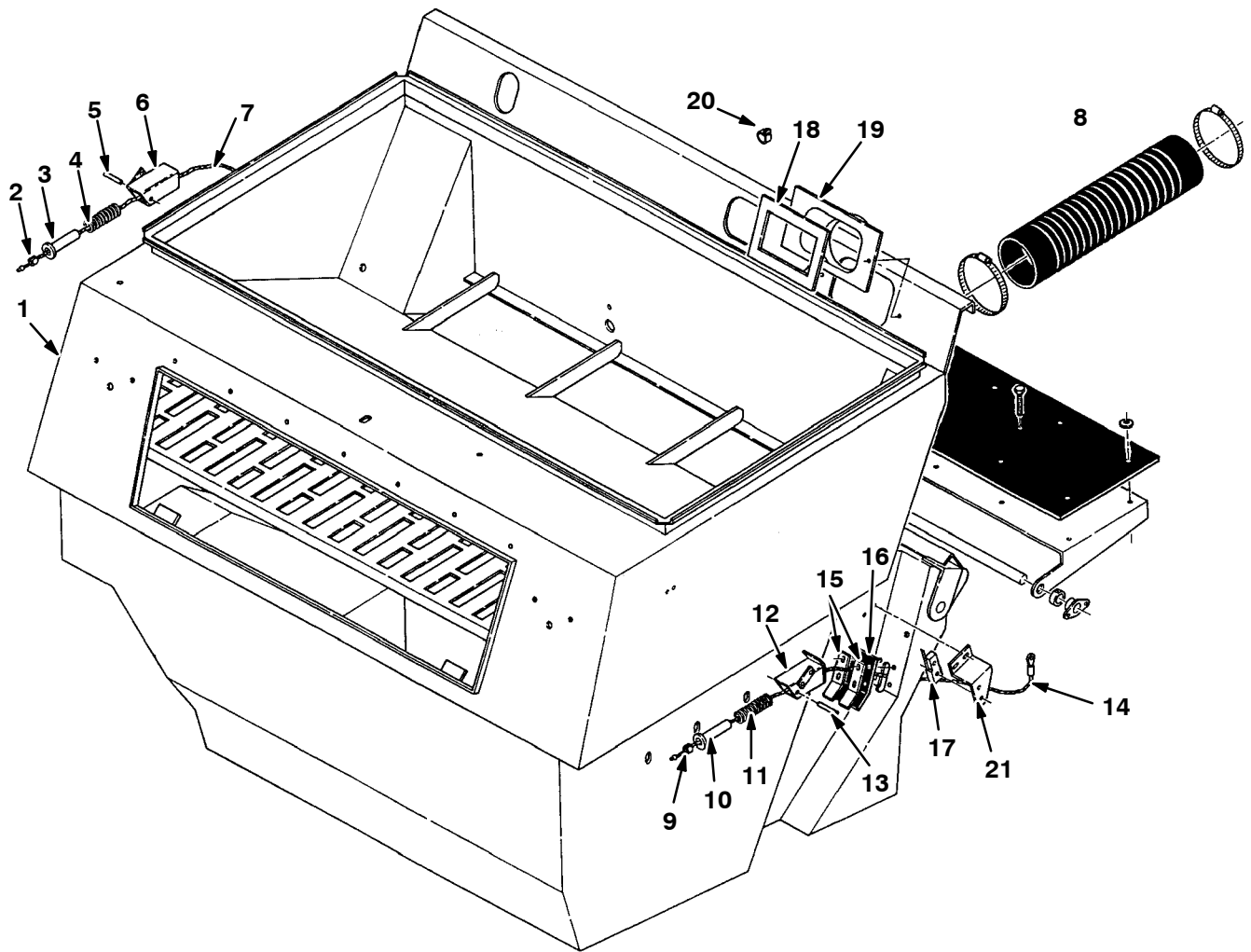


Fig. 5 – Hopper Group, Multi-Level Dump

Fig. 5 – Hopper Group, Multi-Level Dump

Key	TENNANT Part No.	Machine Serial Number	Description	Qty.
1	35418	(010000-)	Hopper Wldt, MLD	1
	34593	(010000-)	Cable Assy, Upper Door, R.H.	1
2	34678	(010000-)	Sleeve,Cable	1
3	34683	(010000-)	Retainer Spring	1
4	39577	(010000-)	Sprng,Comp,0.62ldxfl.Wire 3.0L	1
5	23146	(010000-)	Pin,Roll,.18Odx1.62L,.187/.192	1
6	39583	(010000-)	Tube Weldm., Spring, R.H	1
7	34677	(010000-)	Cable Assy	1
8	34076	(010000-)	Hose Flex, 4.0ld X 30.0Lg	1
	34594	(010000-)	Cable Assy, Upper Door, L.H.	1
9	34678	(010000-)	Sleeve,Cable	1
10	34683	(010000-)	Retainer Spring	1
11	39577	(010000-)	Sprng,Comp,0.62ldxfl.Wire 3.0L	1
12	07878	(010000-)	Tube Wldt, Spring, Lh	1
13	23146	(010000-)	Pin,Roll,.18Odx1.62L,.187/.192	1
14	34677	(010000-)	Cable Assy	1
15	34681	(010000-)	Retainer Seal	4
16	34682	(010000-)	Seal,Neoprene	2
17	34639	(010000-)	Switch	1
18	34659	(010000-)	Gasket,Hopper Cover	1
19	34657	(010000-)	Transition.Hopper	1
20	06777	(010000-)	Clamp-Cable, 0.65Dia 0.50Wth	2
21	07877	(010000-)	Bracket, Switch	1

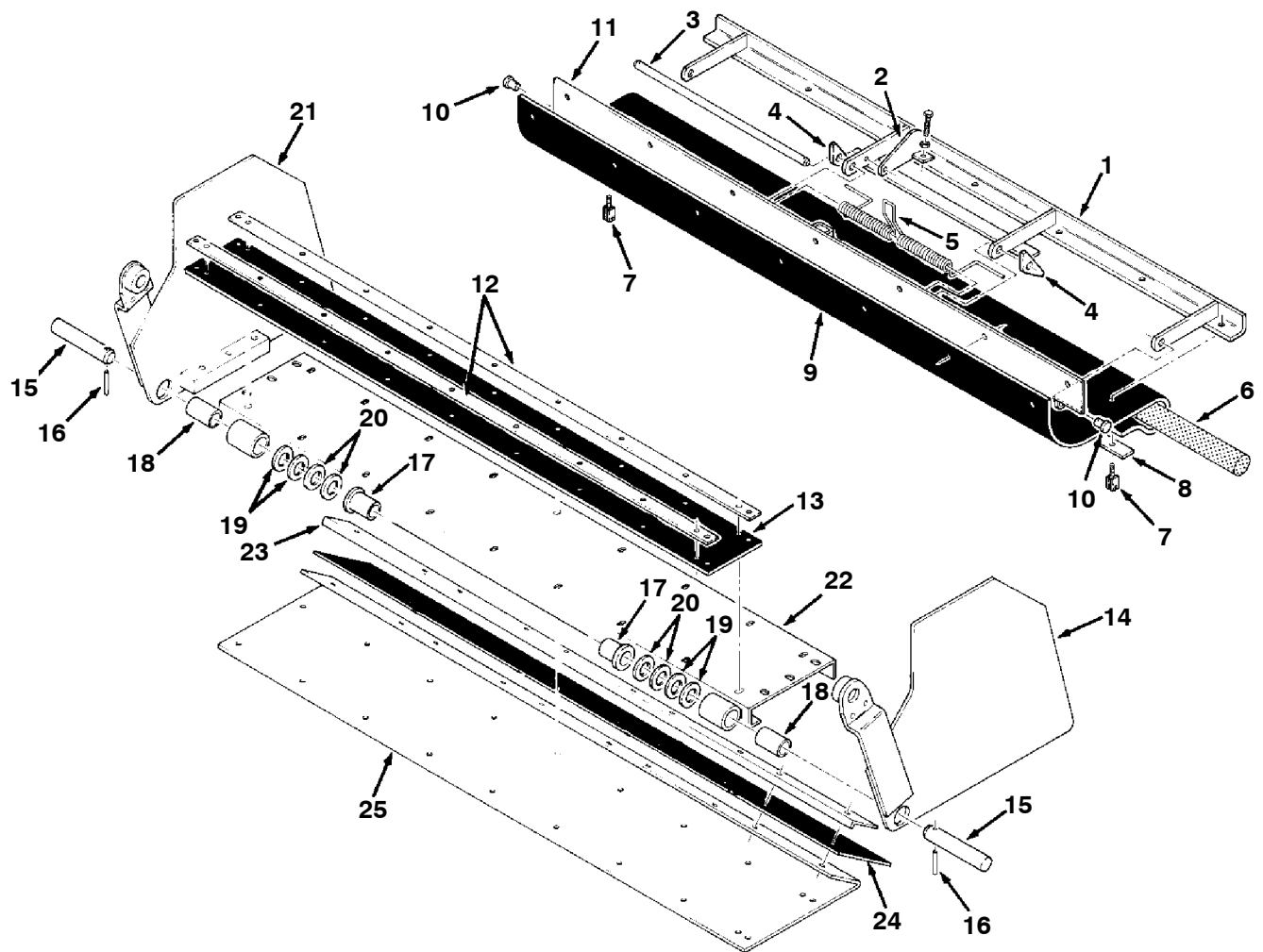
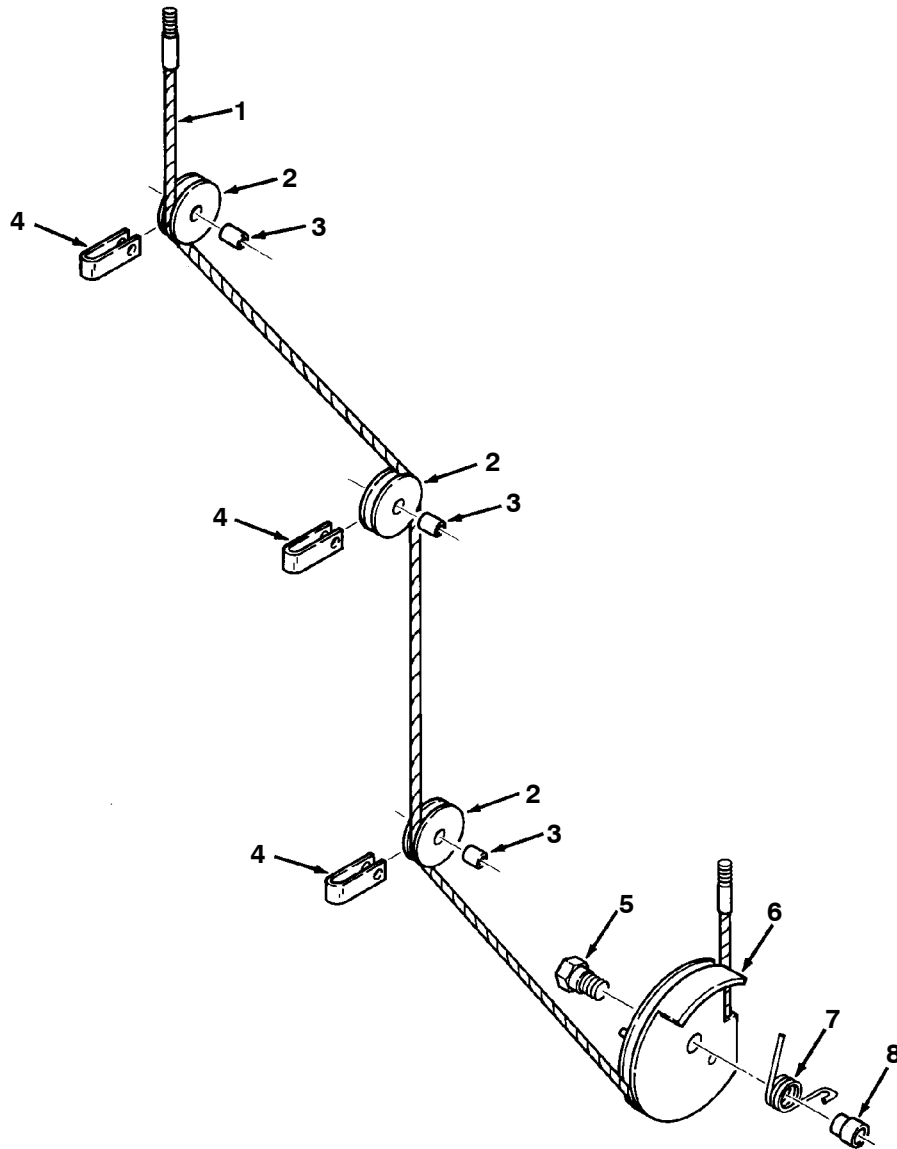


Fig. 6 – Hopper Hinged and Dump Doors Group, Multi-Level Dump

Fig. 6 – Hopper Hinged and Dump Doors Group, Multi-Level Dump

Key	TENNANT Part No.	Machine Serial Number	Description	Qty.
1	39629	(010000-)	Hinge Weldt, Hopper Door	1
2	34744	(010000-)	Bracket Weldmt	1
3	39597	(010000-)	Rod, Hinge .50Diax15.25 2/.12H	1
4	39574	(010000-)	Stop, Door	2
5	39573A	(010000-)	Spring, Special,Upper Door 92	1
6	34690	(010000-)	Sponge Cord 1.5Dia	1
7	39598	(010000-)	Clevis Weldm., Cable	2
8	39587	(010000-)	Strip,.12T1.0W47.0L 7/.41Hcomc	1
9	34689	(010000-)	Seal,Door	1
10	51529	(010000-)	Pin,Clevis,0.50 Dia.X 1.25 Lg	2
11	39590	(010000-)	Hinge Weldm., Upper	1
12	34686	(010000-)	Strip Backing	2
13	34685	(010000-)	Seal	1
14	34672	(010000-)	Side Weldt,Lh Hopper Door	1
15	34670	(010000-)	Pin,Door Pivot	2
16	75302	(010000-)	Pin,Roll,.19Odx1.75L,.187/.192	2
17	34679	(010000-)	Brg. Flanged 1.00Bore	2
18	67029	(010000-)	Sleeve,1.000B 1.25D2.00 Bronze	2
19	32599	(010000-)	Washer,1.015B 1.75D .032 Crs	4
20	32598	(010000-)	Washer,1.060B 1.75D .125 Hrs	4
21	34673	(010000-)	Side Weldt,Rh Hopper Door	1
22	34674	(010000-)	Door Weld'T Lower	1
23	09928	(010000-)	Retainer, Hopper Lip	1
24	16784	(010000-)	Strip, Hopper Lip H.D. Neo.	1
25	34687	(010000-)	Plate Weld'T,Wear	1

MULTI-LEVEL DUMP MODEL PARTS



06729

Fig. 7 – Speed Limiter Assembly, Multi-Level Dump

Key	TENNANT Part No.	Machine Serial Number	Description	Qty.
	62683	(010000 –)	Speed Limiter Assy	1
1	62792	(010000 –)	Cable Assy, Stud&Stud 44.5 Lg	1
2	46328	(010000 –)	Roller, Cable	3
3	01275	(010000 –)	Sleeve, .312B .49D.38 Crs	3
4	46327	(010000 –)	Bracket, Cable Retainer	3
5	29087	(010000 –)	Scr-Shld .437Dx0.15L .31-24	1
6	62664	(010000 –)	Cam Weldm., Speed Limiter	1
7	20029	(010000 –)	Sprng, Tors, 0.81ldx.08Wire, 3T	1
8	62667	(010000 –)	Bushing, Step	1

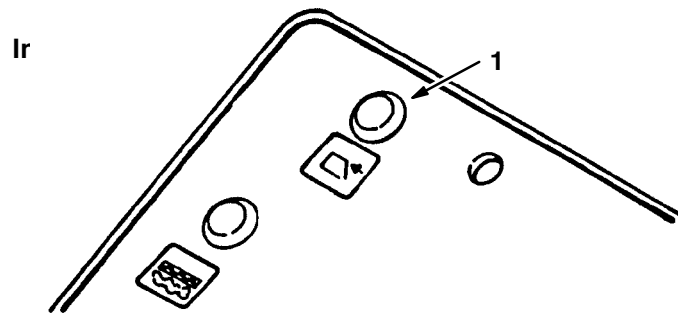


Fig. 8 – Instrument Panel Group, Multi-Level Dump

06731

Key	TENNANT Part No.	Machine Serial Number	Description	Qty.
1	34820	(010000 –)	Light, Indctr/Red 12V .1A Jmco	1

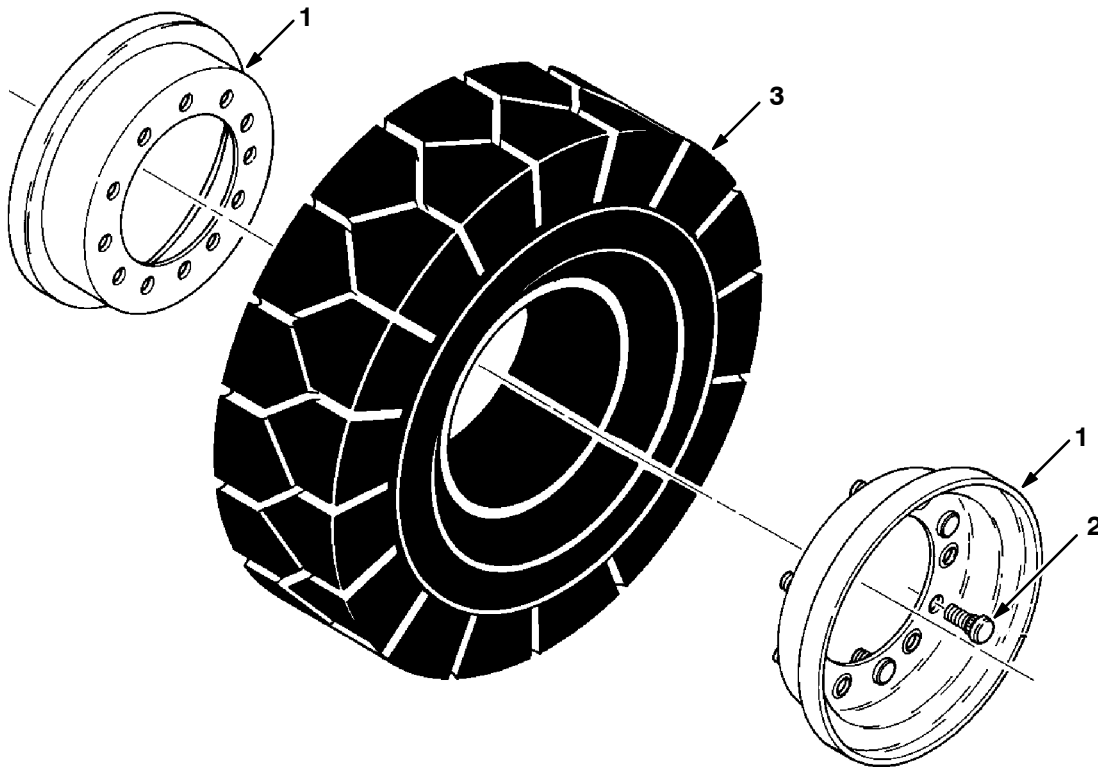


Fig. 9 – Rear Wheel Assembly, Multi-Level Dump

06733

Key	TENNANT Part No.	Machine Serial Number	Description	Qty.
	51705	(010000 –)	Solid Tire and Wheel Assy	1
1	52775	(010000 –)	Rim Kit, Tire, 92Jeep&Cont.	1
2	51355	(010000 –)	Wheel Stud, 0.50 – 20Thd, 1.203Lg.	6
3	51711	(010000 –)	Tire, 20.50X6.00X9.00, Sld, B/Cat	1

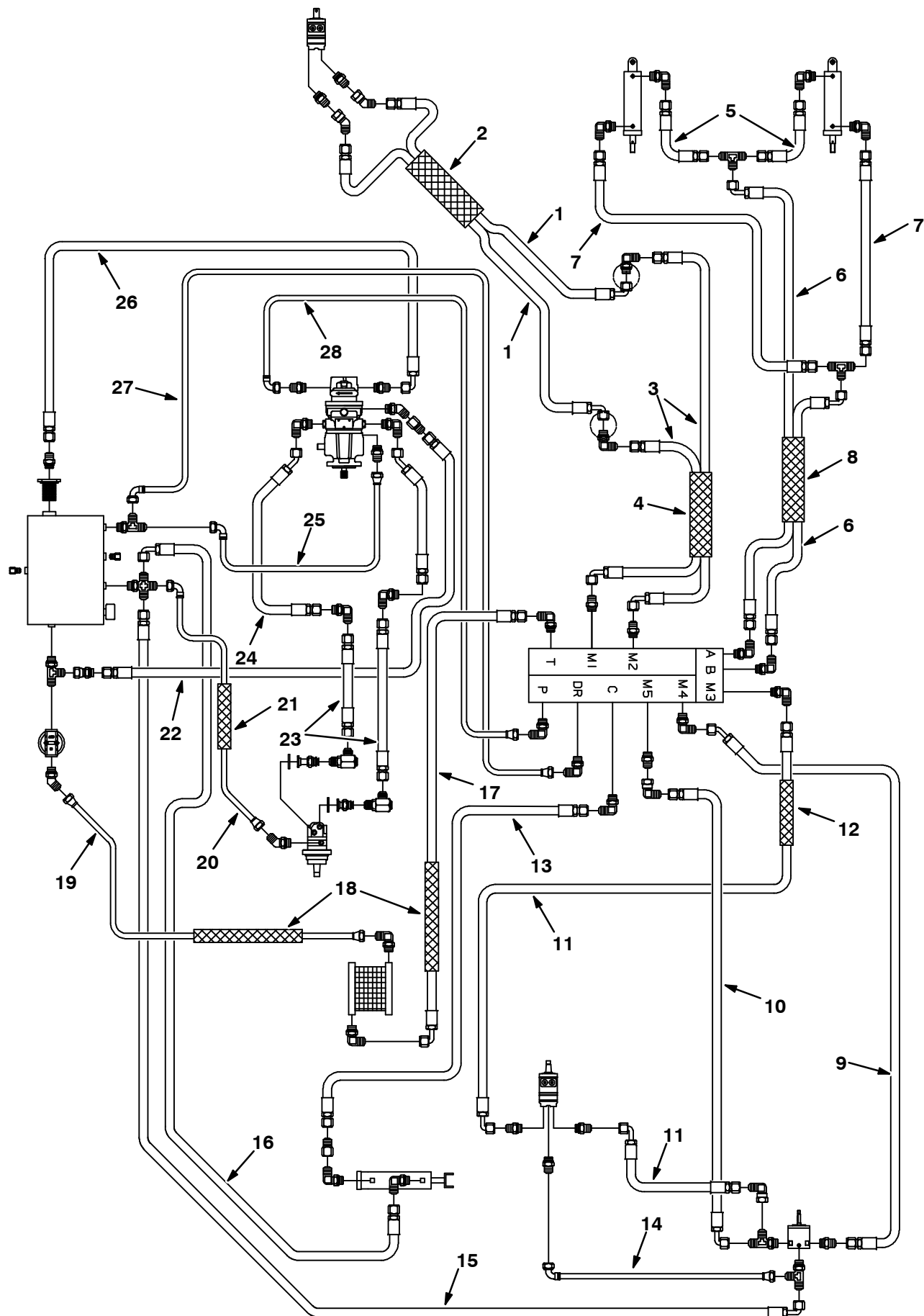


Fig. 10 – Hydraulic Hoses Group, Multi-Level Dump

Fig. 10 – Hydraulic Hoses Group, Multi-Level Dump

Key	TENNANT Part No.	Machine Serial Number	Description	Qty.
1	35486	(010000–)	Hose–Hyd Med06 Jf/J9	2
2	82830	(010000–)	Sleeve–Nyn #24 16.0L	1
3	02469	(010000–)	Hose–Hyd Med 06 Jf/J9	2
4	34313	(010000–)	Sleeve, Hyd.Hose 1.75Id X 67.0	1
5	34380	(010000–)	Hose–Hyd Med04 Jf/Jf	2
6	82816	(010000–)	Hose–Hyd Med04 Jf/J9	2
7	34382	(010000–)	Hose–Hyd Med04 Jf/Jf	2
8	82833	(010000–)	Sleeve–Nyn #20 35.0L	1
9	16463	(010000–)	Hose–Hyd Med08 Jf/J4	1
10	34355	(010000–)	Hose–Hyd Med08 Jf/J9	1
11	35485	(010000–)	Hose–Hyd Med08 Jf/J9	2
12	34329	(010000–)	Sleeve–Nyn #28 20.0L	1
13	82814	(010000–)	Hose–Hyd Med04 Jf/Jf	1
14	02549	(010000–)	Hose–Hyd Low04 Jf/J9	1
15	34420	(010000–)	Hose–Hyd Low04 Jf/J9	1
16	31600	(010000–)	Hose–Hyd Low04 Jf/J9	1
17	31720	(010000–)	Hose–Hyd Med12 Jf/J9	1
18	35484	(010000–)	Sleeve–Nyn #24 45.0L	2
19	35487	(010000–)	Hose–Hyd Low12 Jf/Jf	1
20	34388	(010000–)	Hose–Hyd Low04 Jf/J9	1
21	34054	(010000–)	Sleeve–Nyn #12 25.0L	1
22	16431	(010000–)	Hose–Hyd Med06 Jf/Jf	1
23	08024	(010000–)	Hose–Hyd Hi 12 Jf–J4	2
24	57951	(010000–)	Hose–Hyd Hi 12 Jf/J4	1
25	34378	(010000–)	Hose–Hyd Low04 Jf/J9	1
26	34351	(010000–)	Hose–Hyd Suc20 Jf/J9	2
27	82806	(010000–)	Hose–Hyd Low04 Jf/J9	1
28	35488	(010000–)	Hose–Hyd Med12 Jf/Jf	1

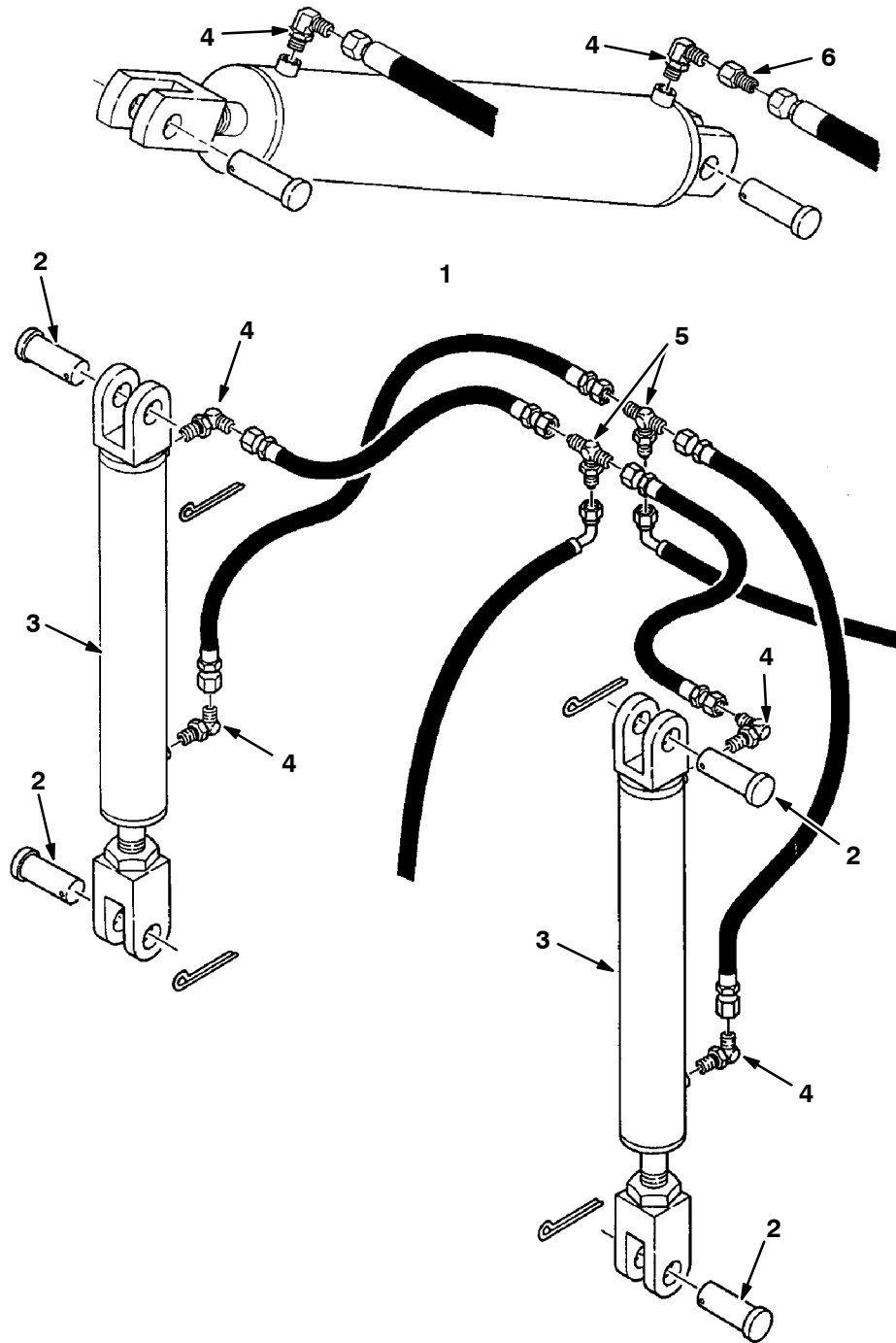
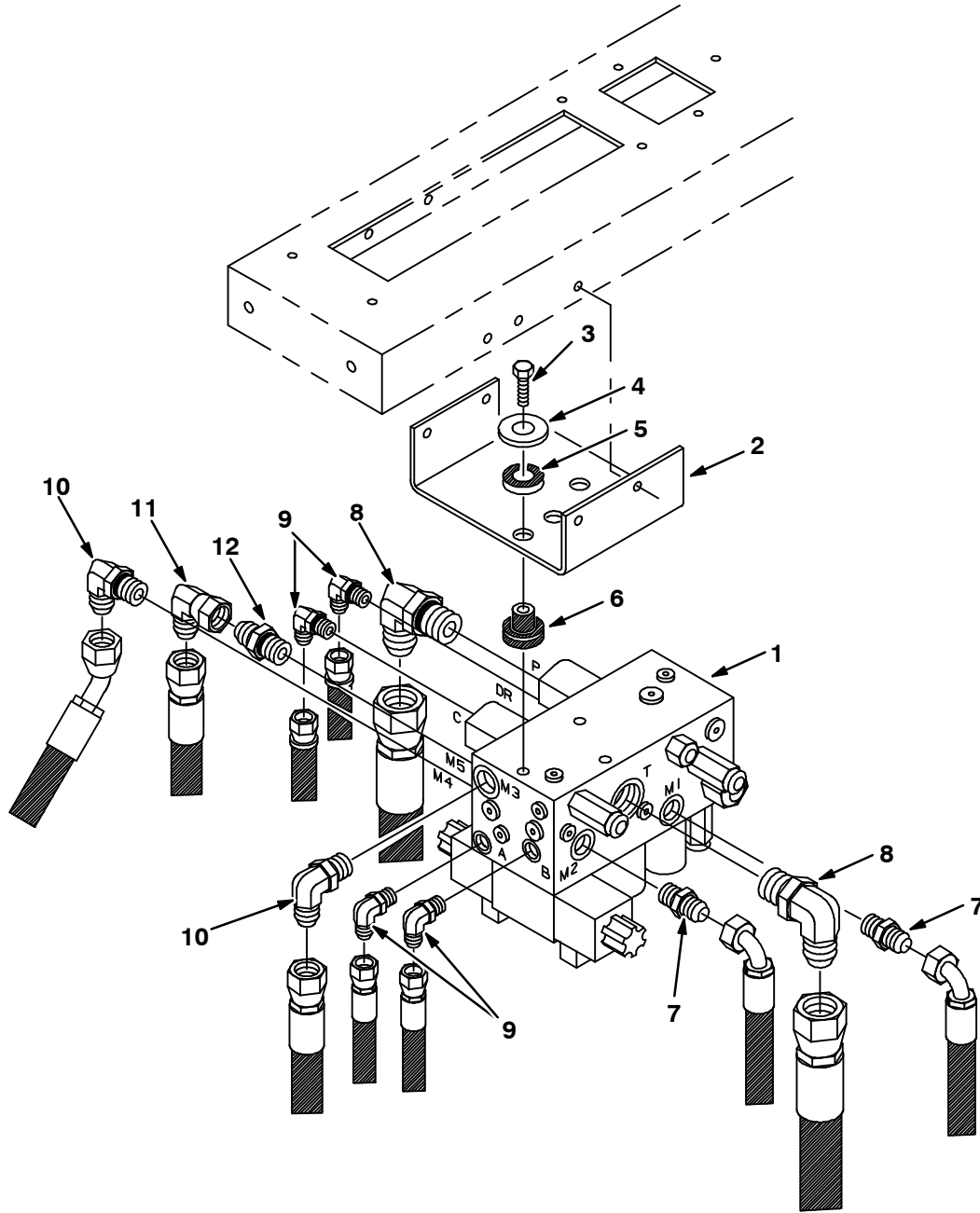


Fig. 11 – Lift and Dump Cylinders Group, Multi-Level Dump

06736

Key	TENNANT Part No.	Machine Serial Number	Description	Qty.
1	34326	(010000–)	Cylinder, Hydraulic (See Hydraulic Components)	1
2	04733–4	(010000–)	Pin, Clevis, 1.00 Dia. X 2.50 Lg	4
3	04443	(010000–)	Cylinder, Hydraulic (See Hydraulic Components)	2
4	77097	(010000–)	Ftg–Hyd E90 Jm04/Om04	6
5	34392	(010000–)	Ftg–Hyd Tee Jm04Jmjm	2
6	35689	(010000–)	Ftg–Hyd Rst Jm04/.078	1



06738

Fig. 12 – Control Valve Group, Multi-Level Dump

Key	TENNANT Part No.	Machine Serial Number	Description	Qty.
1	35491	(010000 –)	Valve Hyd, Solenoid (See Hydraulic Components)	1
2	35385	(010000 –)	Bracket Assy, Valve	1
3	46559	(010000 –)	Scr-Hex .38 – 16X1.25 Nylon Loc	3
4	33948	(010000 –)	Washer-Flt .38 Fender Pltd	3
5	62172	(010000 –)	Ring	3
6	62173	(010000 –)	Bushing, Isolator – Inner, Rbr.	3
7	56690	(010000 –)	Ftg-Hyd Str Jm06/Om06	2
8	46481	(010000 –)	Ftg-Hyd E90 Jm12/Om12	2
9	77097	(010000 –)	Ftg-Hyd E90 Jm04/Om04	4
10	44868	(010000 –)	Ftg-Hyd E90 Jm08/Om08	2
11	17980	(010000 –)	Ftg-Hyd E90 Jm08/Jf08	1
12	44869	(010000 –)	Ftg-Hyd Str Jm08/Om08	1

MULTI-LEVEL DUMP MODEL PARTS

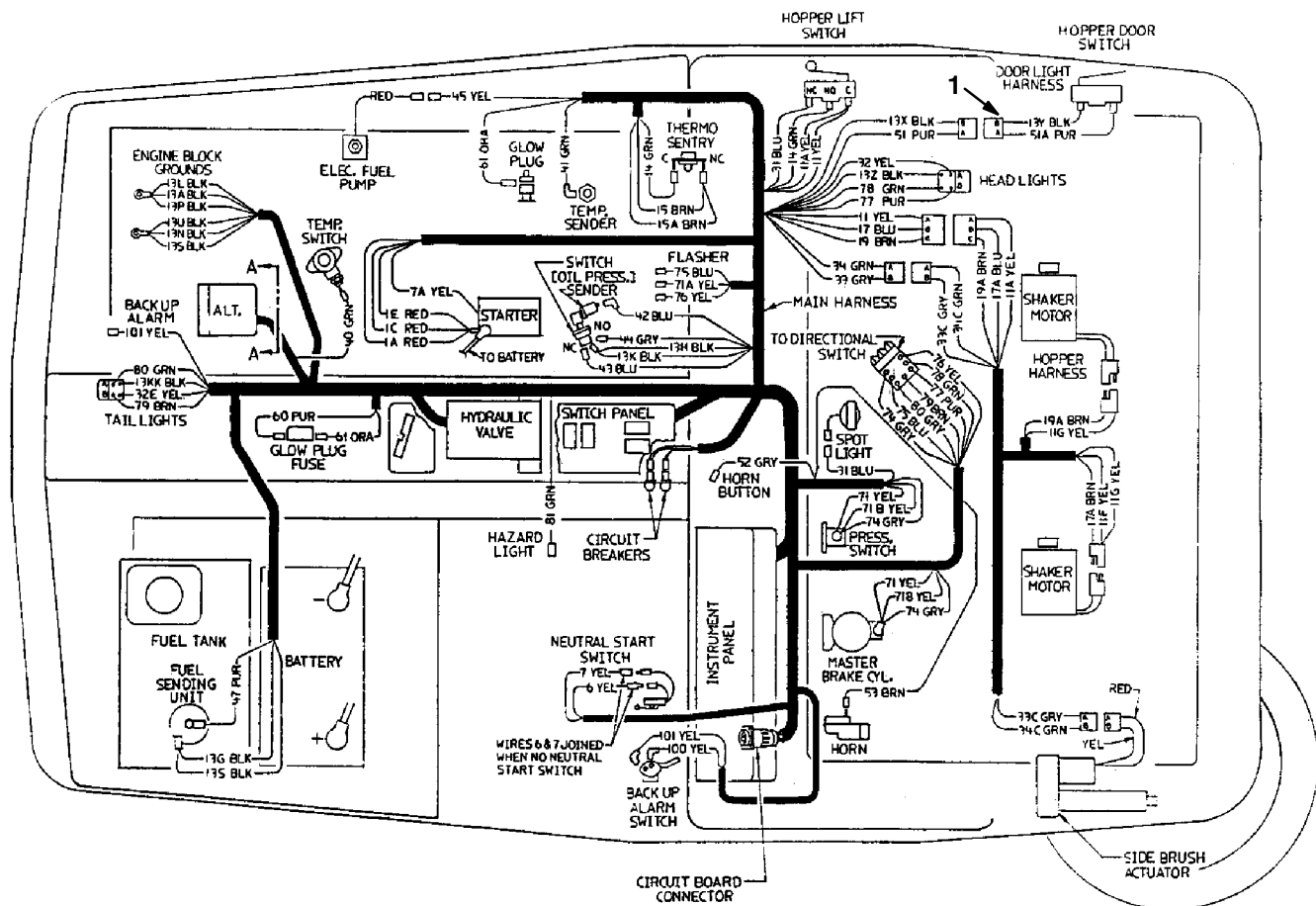


Fig. 13 – Wire Harness Group, Multi-Level Dump

06759

Key	TENNANT Part No.	Machine Serial Number	Description	Qty.
1	36209	(010000—)	Harness, Light,Hopper Door Ind	1

SECTION 7

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NOTE: SECTION 7, ACCESSORIES, lists repair parts included as part of the available accessories.

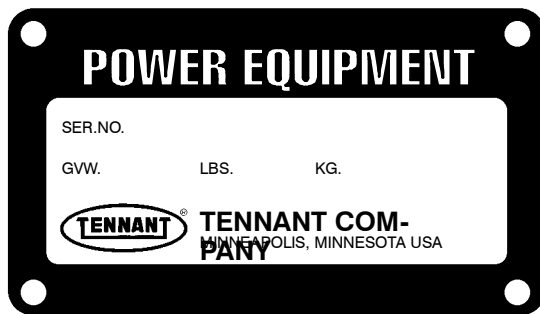
ORDERING REPAIR PARTS

The components used in this machine have been carefully selected for performance and safety. Use only TENNANT specified or equivalent parts.

To receive prompt service in filling of your parts orders, please direct all orders for parts with TENNANT part numbers to the TENNANT, and all orders for parts with vendor part numbers to the local supplier of the respective vendor.

When ordering parts, please furnish all of the following information:

1. Machine model number - shown on the machine data plate.



2. Machine serial number - shown on the machine data plate.
3. Power source - gasoline, LPG, diesel, electric.
4. Company name.
5. Shipping address.
6. Billing address.
7. Name, first and last - of person ordering parts.
8. Telephone number.
9. Purchase order number.
10. Part number, description, and quantity - of each item on the order.
11. Customer ID Number.

Do not order parts by key number or the figure number of the illustrated parts. Indented items indicate parts of assemblies. Standard hardware is furnished only when part of a purchased assembly. Please get hardware from a local hardware supplier.

If the old part cannot be identified, send it to us with the quantity needed specified on the order.

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

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

SERIAL NUMBER INFORMATION EXPLANATION

Serial number listings are shown to indicate on which machines each part can be used. These listings are explained by the following examples:

(000000—) The part can be used on all machines.

(003342—) The part can be used on all machines beginning with the serial number listed.

(000000—004320) The part can be used on all machines up to and including serial number listed.

(004321—005678) The part can be used on all machines between and including the serial numbers listed.

Where xxxxxx's are listed in place of a serial number, it indicates a change was made but the exact serial number had not been established when the catalog went to press.

SI UNITS OF MEASURE (INTERNATIONAL SYSTEM)

Metric equivalents have been included, where applicable, throughout this parts catalog.

FASTENER STRENGTH IDENTIFICATION

Fasteners required to have high—strength qualities equivalent to SAE Grade 8 are identified throughout this catalog by the description GR 8. Unless identified by this description, all standard fasteners are SAE Grade 5.

(Specifications and design subject to change without notice.)

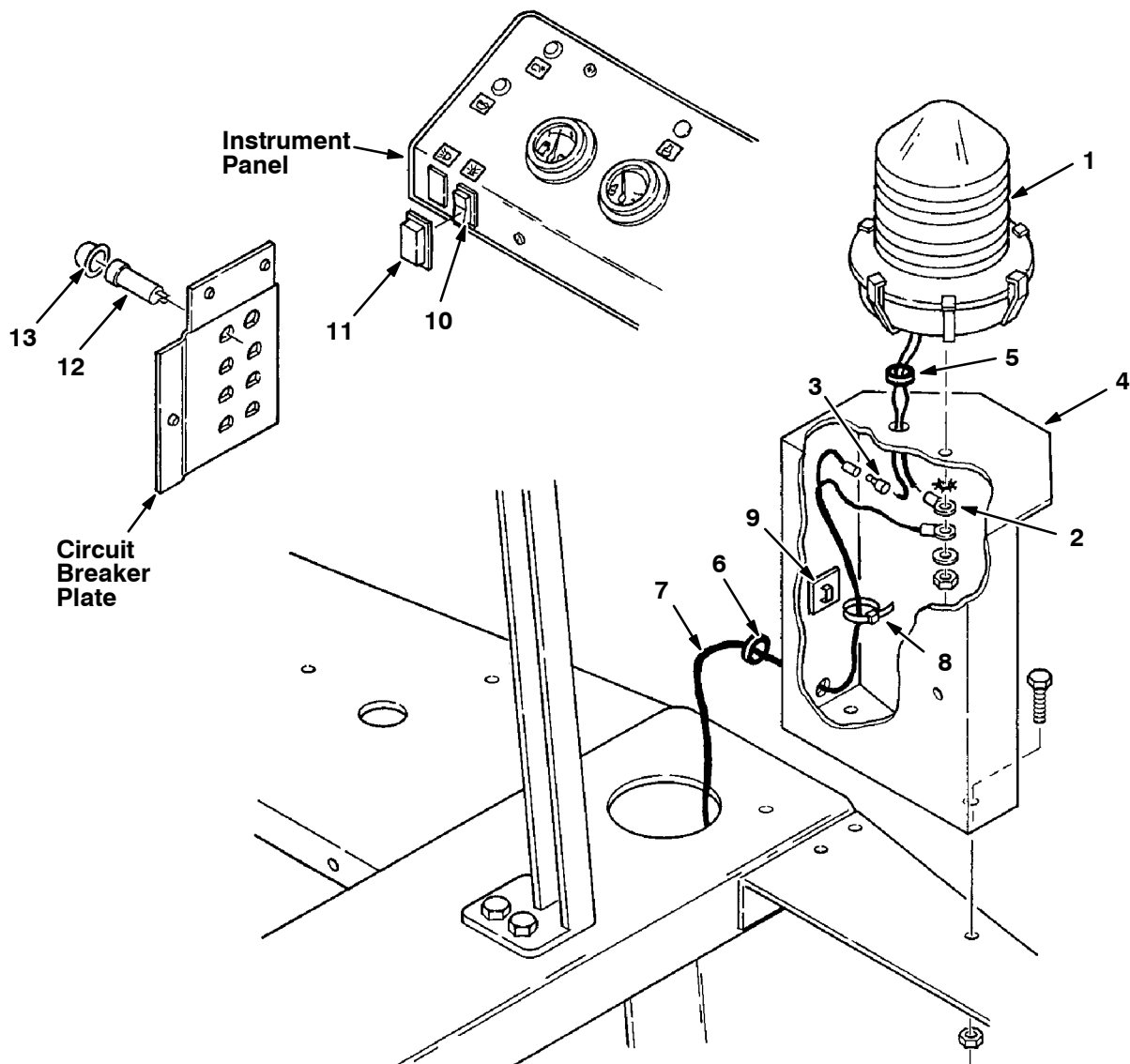


Fig. 1 – Flashing Light Kit, Left Rear Corner

06557

Key	TENNANT Part No.	Machine Serial Number	Description	Qty.
1	60913	(000000–)	Light Kit, Flsh/Amb Lrc 97	1
	82198	(000000–)	Light,Flashing Amb 12V–Purch.	1
	45779	(000000–)	Bulb, General Electric #Ge1156	1
	58520	(000000–)	Lens,Flashing Lite Fr207 Amber	1
2	29192	(000000–)	Terminal, Ring, .250Stud, 16&14Ga	1
3	55272	(000000–)	Plug, Snap Terminal	1
4	35955	(000000–)	Bracket, Rotating Light	1
5	10632–7	(000000–)	Grommet, Rbr, 0.25Id, For .25Matl	1
6	10632–11	(000000–)	Grommet, Rbr, 0.38Id, For .19Matl	1
7	60755	(000000–)	Harness, Wire, Flash/Rot Light	1
8	55248	(000000–)	Cabletie Mount, Adhesive	4
9	49266	(000000–)	Tie, Cable 1.75D Max 7.50Lg	7
10	60902	(000000–)	Switch, Rocker Spst	1
11	57807	(000000–)	Cover, Rocker Switch Seal	1
12	57803	(000000–)	Breaker–Circuit, 15A Resetable	1
13	57751	(000000–)	Boot–CircuitBreaker	1
	58518	(000000–)	Lens,Flashing Lite Fr207 Red	1
	58519	(000000–)	Lens,Flashing Lite Fr207 Blue	1

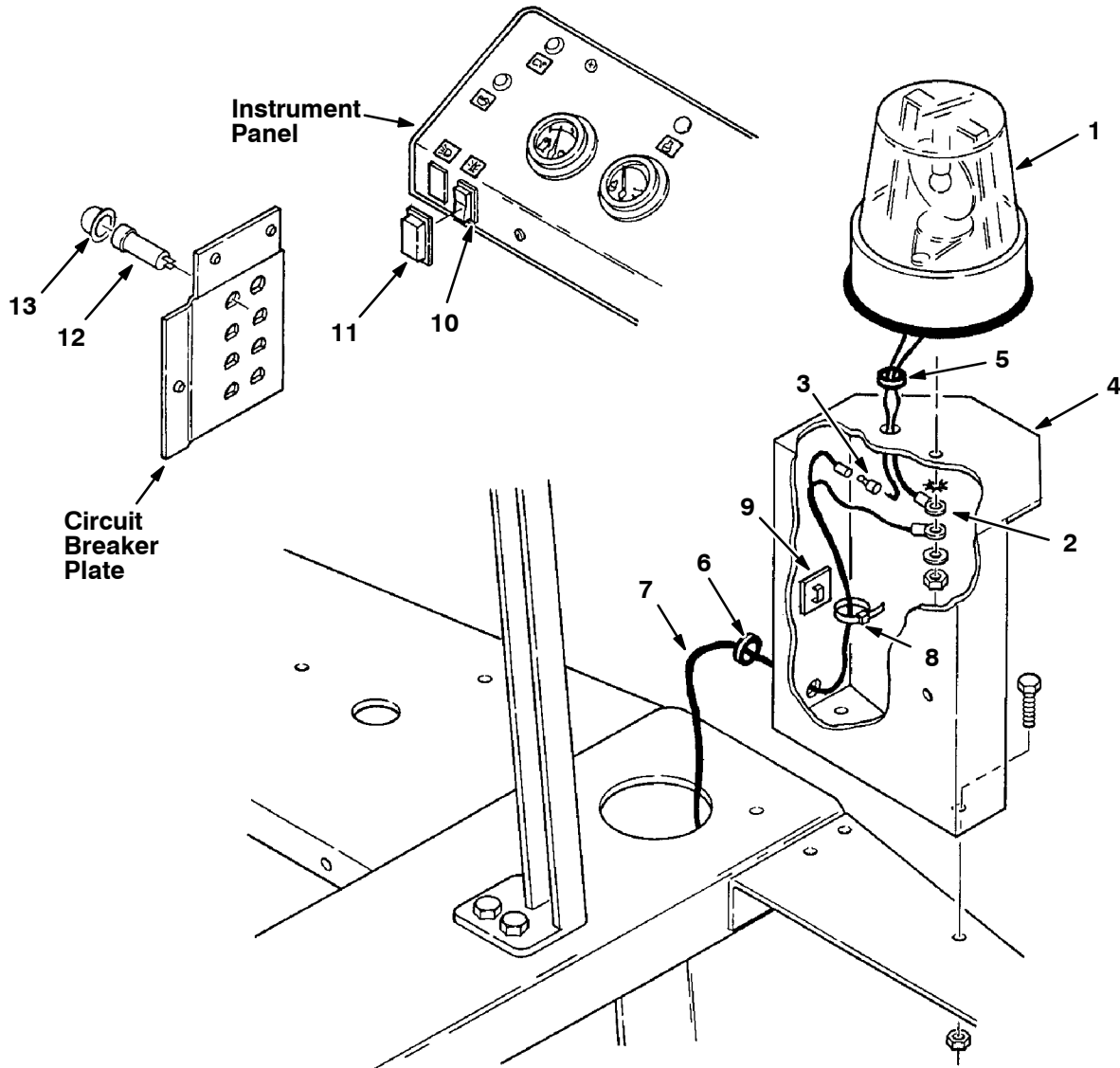
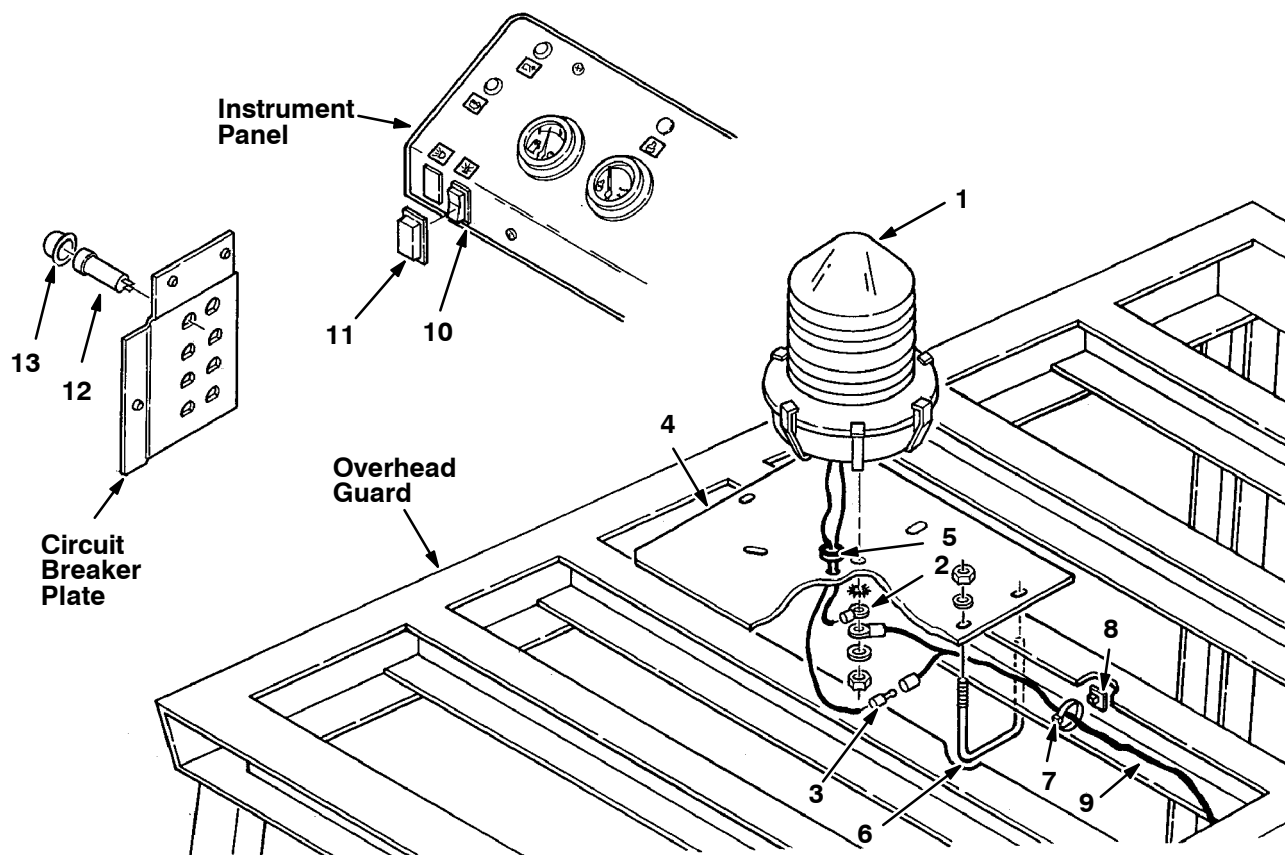


Fig. 2 – Revolving Light Kit, Left Rear Corner

06630

Key	TENNANT Part No.	Machine Serial Number	Description	Qty.
1	60914	(000000–)	Light Kit, Rev/Amb Lrc 97	1
	82199	(000000–)	Light, Rev. Amber 12V – Purchased	1
	45779	(000000–)	Bulb, General Electric #Ge1156	1
	44681–1	(000000–)	Lens, Rev. Light, Amber	1
2	29192	(000000–)	Terminal, Ring, .250Stud, 16&14Ga	1
3	55272	(000000–)	Plug, Snap Terminal	1
4	35955	(000000–)	Bracket, Rotating Light	1
5	10632–7	(000000–)	Grommet, Rbr, 0.25Id, For .25Matl	1
6	10632–11	(000000–)	Grommet, Rbr, 0.38Id, For .19Matl	1
7	60755	(000000–)	Harness, Wire, Flash/Rot Light	1
8	55248	(000000–)	Cabletie Mount, Adhesive	4
9	49266	(000000–)	Tie, Cable 1.75D Max 7.50Lg	7
10	60902	(000000–)	Switch, Rocker Spst	1
11	57807	(000000–)	Cover, Rocker Switch Seal	1
12	57803	(000000–)	Breaker–Circuit, 15A Resetable	1
13	57751	(000000–)	Boot–Circuit Breaker	1
	44681	(000000–)	Lens, Rev. Light, Red	1
	44681–2	(000000–)	Lens, Rev. Light, Blue	1



06628

Fig. 3 – Flashing Light Kit, Overhead Guard and Cab

Key	TENNANT Part No.	Machine Serial Number	Description	Qty.
1	60778	(000000–)	Light Kit, Flsh Ohgd/Cab 97	1
	82198	(000000–)	Light, Flashing Amb 12V–Purch.	1
	45779	(000000–)	Bulb, General Electric #Ge1156	1
	58520	(000000–)	Lens, Flashing Lite Fr207 Amber	1
2	29192	(000000–)	Terminal, Ring, .250Stud, 16&14Ga	1
3	55272	(000000–)	Plug, Snap Terminal	1
4	33782	(000000–)	Plate, Ohg Lite Mounting	1
5	10632–5	(000000–)	Grommet, Rbr, 0.25Id, For .09Matl	1
6	33783	(000000–)	U–Bolt, .25X2.5X3.4	2
7	49266	(000000–)	Tie, Cable 1.75D Max 7.50Lg	8
8	55248	(000000–)	Cabletie Mount, Adhesive	5
9	60769	(000000–)	Harness, Wire, Flash/Rot Light	1
10	60902	(000000–)	Switch, Rocker Spst	1
11	57807	(000000–)	Cover, Rocker Switch Seal	1
12	57803	(000000–)	Breaker–Circuit, 15A Resetable	1
13	57751	(000000–)	Boot–Circuit Breaker	1
	58518	(000000–)	Lens, Flashing Lite Fr207 Red	1
	58519	(000000–)	Lens, Flashing Lite Fr207 Blue	1

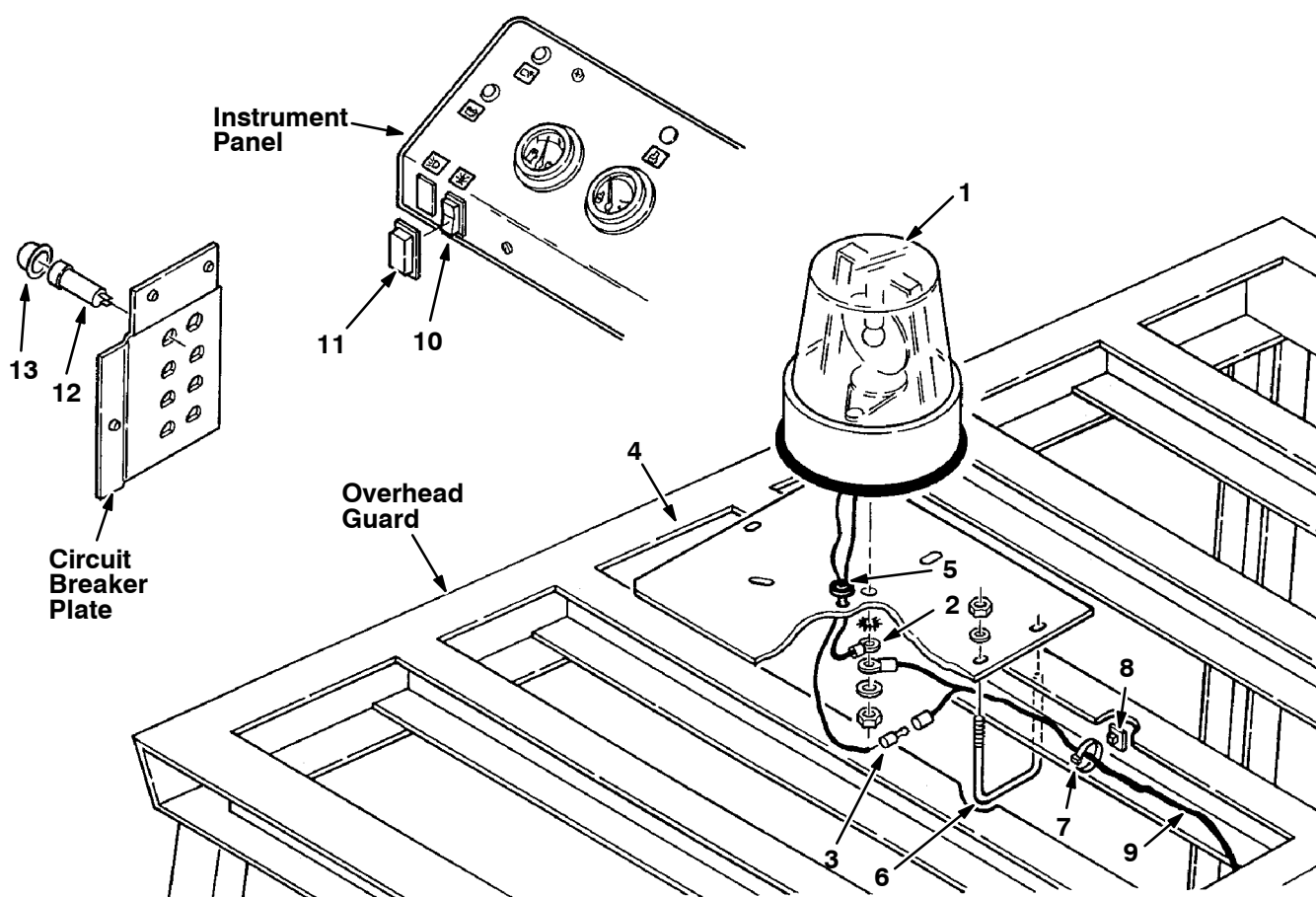


Fig. 4 – Revolving Light Kit, Overhead Guard and Cab

06626

Key	TENNANT Part No.	Machine Serial Number	Description	Qty.
1	60779	(000000–)	Light Kit, Rev Ohgd/Cab 97	1
	82199	(000000–)	Light, Rev. Amber 12V – Purchased	1
	44681–1	(000000–)	Lens, Rev. Light, Amber	1
	45779	(000000–)	Bulb, General Electric #Ge1156	1
2	29192	(000000–)	Terminal, Ring, .250Stud, 16&14Ga	1
3	55272	(000000–)	Plug, Snap Terminal	1
4	33782	(000000–)	Plate, Ohg Lite Mounting	1
5	10632–5	(000000–)	Grommet, Rbr, 0.25Id, For .09Matl	1
6	33783	(000000–)	U–Bolt, .25X2.5X3.4	2
7	49266	(000000–)	Tie, Cable 1.75D Max 7.50Lg	8
8	55248	(000000–)	Cabletie Mount, Adhesive	5
9	60769	(000000–)	Harness, Wire, Flash/Rot Light	1
10	60902	(000000–)	Switch, Rocker Spst	1
11	57807	(000000–)	Cover, Rocker Switch Seal	1
12	57803	(000000–)	Breaker–Circuit, 15A Resetable	1
13	57751	(000000–)	Boot–Circuit Breaker	1
	44681	(000000–)	Lens, Rev. Light, Red	1
	44681–2	(000000–)	Lens, Rev. Light, Blue	1

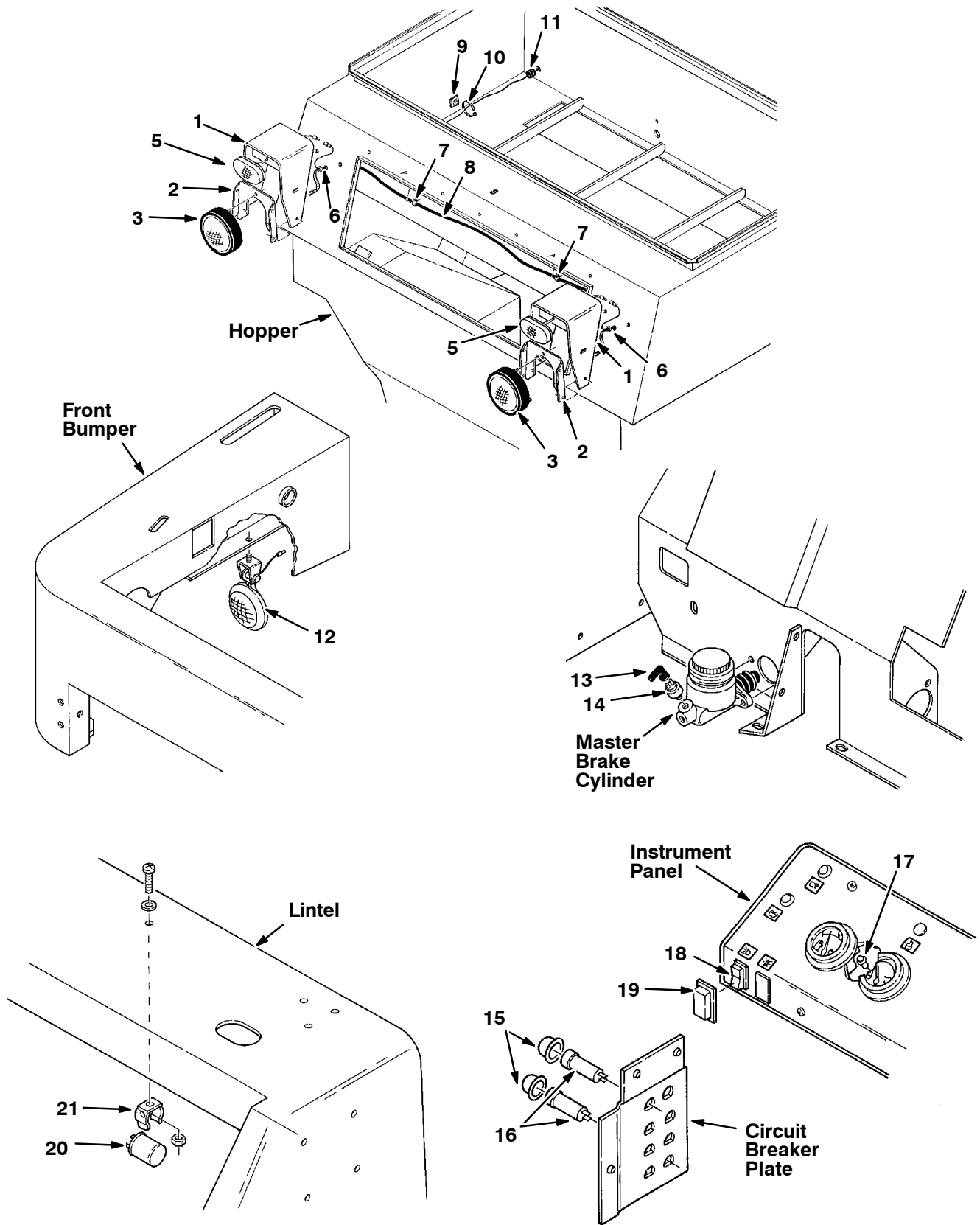
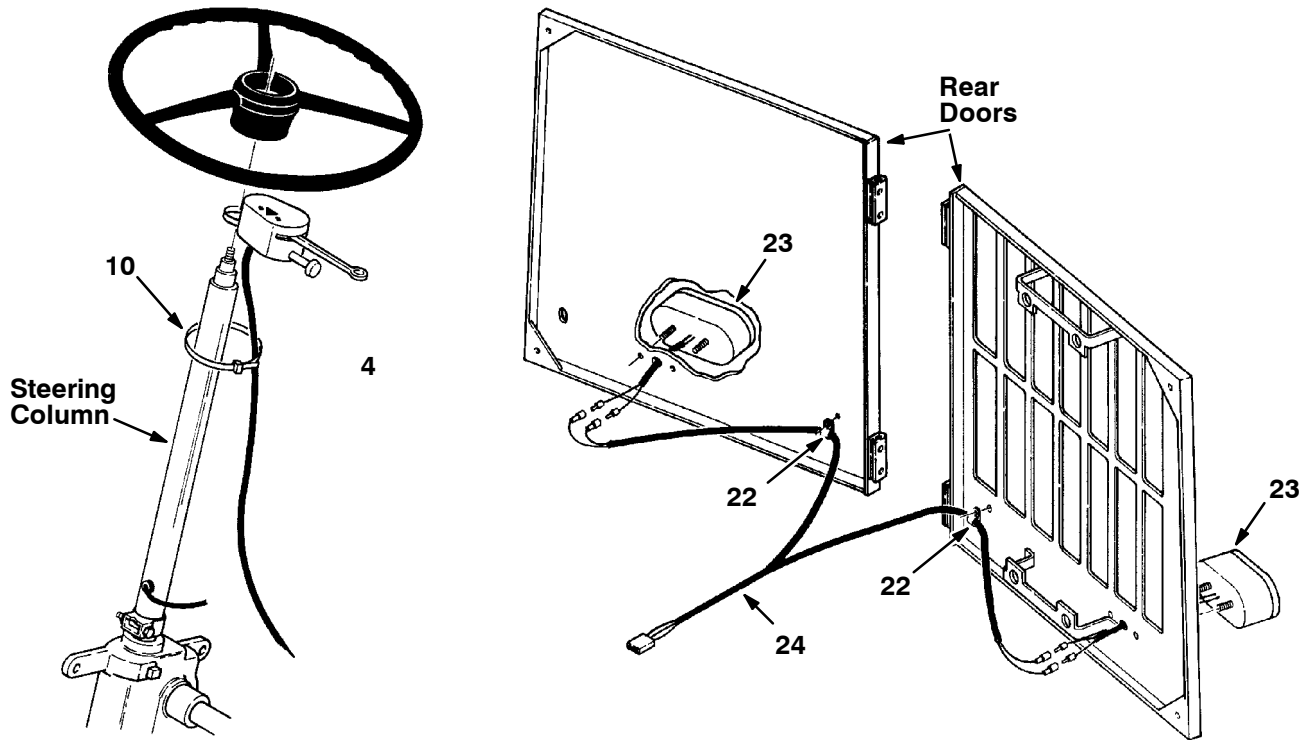


Fig. 5 – Operating Lights Kit



06555

Fig. 5 – Operating Lights Kit

Key	TENNANT Part No.	Machine Serial Number	Description	Qty.
1	35923	(000000–)	Light Kit, Operating 97 All	1
2	34700	(000000–)	Headlight Weld'T	2
3	46110	(000000–)	Plate Weldm.,Headlight	2
3	51569	(000000–)	Light Assy Head/Clr 12V–2.9A	2
	10801	(000000–)	Light, Head/Rnd 12V 1.5A#4406	1
4	60751	(000000–)	Signal Assy Rework, E1740 Turn	1
5	34848	(000000–)	Light Assy Mark/Yel 12V–. A	2
6	10632–20	(000000–)	Grommet,Rbr,0.38ld,For .06Matl	2
7	26395–1	(000000–)	Clamp–Cable, 0.56Dia 0.38Wth	4
8	35890	(000000–)	Harness, Headlight	1
9	55248	(000000–)	Cabletie Mount, Adhesive	4
10	49266	(000000–)	Tie, Cable 1.75D Max 7.50Lg	8
11	20154	(000000–)	Strainrelief,For#14–3 So Cord	1
12	34473	(000000–)	Light Assy Spot/Clr V–. A	1
	32827	(000000–)	<1156 Bulb (Delco#L1157) Ge	1
13	18342	(000000–)	Protector, Spark Plug	1
14	13959	(000000–)	Switch	1
15	57751	(000000–)	Boot–Circuit Breaker	2
16	57803	(000000–)	Breaker–Circuit, 15A Resetable	2
17	60752	(000000–)	Light Assy Inst/Clr 12V–. A	4
18	60902	(000000–)	Switch, Rocker Spst	1
19	57807	(000000–)	Cover, Rocker Switch Seal	1
20	31922	(000000–)	Flasher, Heavy Duty	1
21	24576–1	(000000–)	Bracket, Flasher	1
22	26395–2	(000000–)	Clamp–Cable, 0.38Dia 0.38Wth	2
23	55274	(000000–)	Taillight Assy	2
	45780	(000000–)	Bulb, 12V .5A 4Cp#1157	1
24	35877	(000000–)	Harness, Taillight	1

Fig. 6 – Cab Group

NOTE: Cab Kit, TENNANT Part Number 60763, Includes Fig. 6 and 7.

Key	TENNANT Part No.	Machine Serial Number	Description	Qty.
1	62039	(000000–)	Brkt–L,1.5 1.2 .12 1.2L2/Hls	1
2	10701	(000000–)	Switch, Toggle 6A 125V Sp St	1
3	51675	(000000–)	Clip, Cab	14
4	55248	(000000–)	Cabletie Mount, Adhesive	3
5	60756	(000000–)	Harness,Wire,Cab Fan/Lite/Wipe	1
6	49266	(000000–)	Tie, Cable 1.75D Max 7.50Lg	3
7	62028	(000000–)	Rail,Attaching	1
8	25169	(000000–)	Frame Assy, Cab, Windshield	1
9	01493	(000000–)	Plugbtn 1.00H .03–.12 Blacknyl	1
10	25938	(000000–)	Glass, Safety .23 X 26.9X 25.5	1
11	51596	(000000–)	Extrusion,Weath.Str#102–31,105	1
12	23947	(000000–)	Blade,Windshield Wiper	1
13	15121	(000000–)	Arm, Windshield–Wiper	1
14	02507	(000000–)	Motor Kit, Wiper 12V 85 Degree	1
15	03280	(000000–)	Sleeve, .652B .875D .750 Stl	1
16	03281	(000000–)	Sleeve, .261 B .375 D .500 Stl	1
17	62095	(000000–)	Cab Roof ,Osha, 92Cont.	1
18	62098	(000000–)	Insulation,S/Foam .5Xanglx43.0	1
19	62045	(000000–)	Clip	7
20	60941	(000000–)	Frame Assy, Cab, Window Rear	1
21	60935	(000000–)	Strip Rbr.25X.50X55.7 S&M#6422	1
22	60936	(000000–)	Glass, Safety .23X 21.7X 22.5	1
23	25171	(000000–)	Frame Assy, Cab, Window Lh	1
24	51609	(000000–)	Weatherstrip, Rubber	1
25	51611	(000000–)	Channel,Glassrun,Flx#B127,130	1
26	25944	(000000–)	Glass, Safety .23 X 22.0X 24.5	1
27	25943	(000000–)	Glass, Safety .23 X 20.4X 24.5	1
28	51677	(000000–)	Channel, Rigid	1
29	51608	(000000–)	Strip,Rbr.25X.50S&M #6422,63.,	1
30	58974	(000000–)	Pad, Neoprene .06 X .7 X 2.7	2
31	15066	(000000–)	Finger Pull	1
32	62029A	(000000–)	Angle Weldt, 92 Cab	2
33	48252	(000000–)	Terminal,Tab Male	2
34	57803	(000000–)	Breaker–Circuit, 15A Resetable	1
35	57751	(000000–)	Boot–Circuit Breaker	1

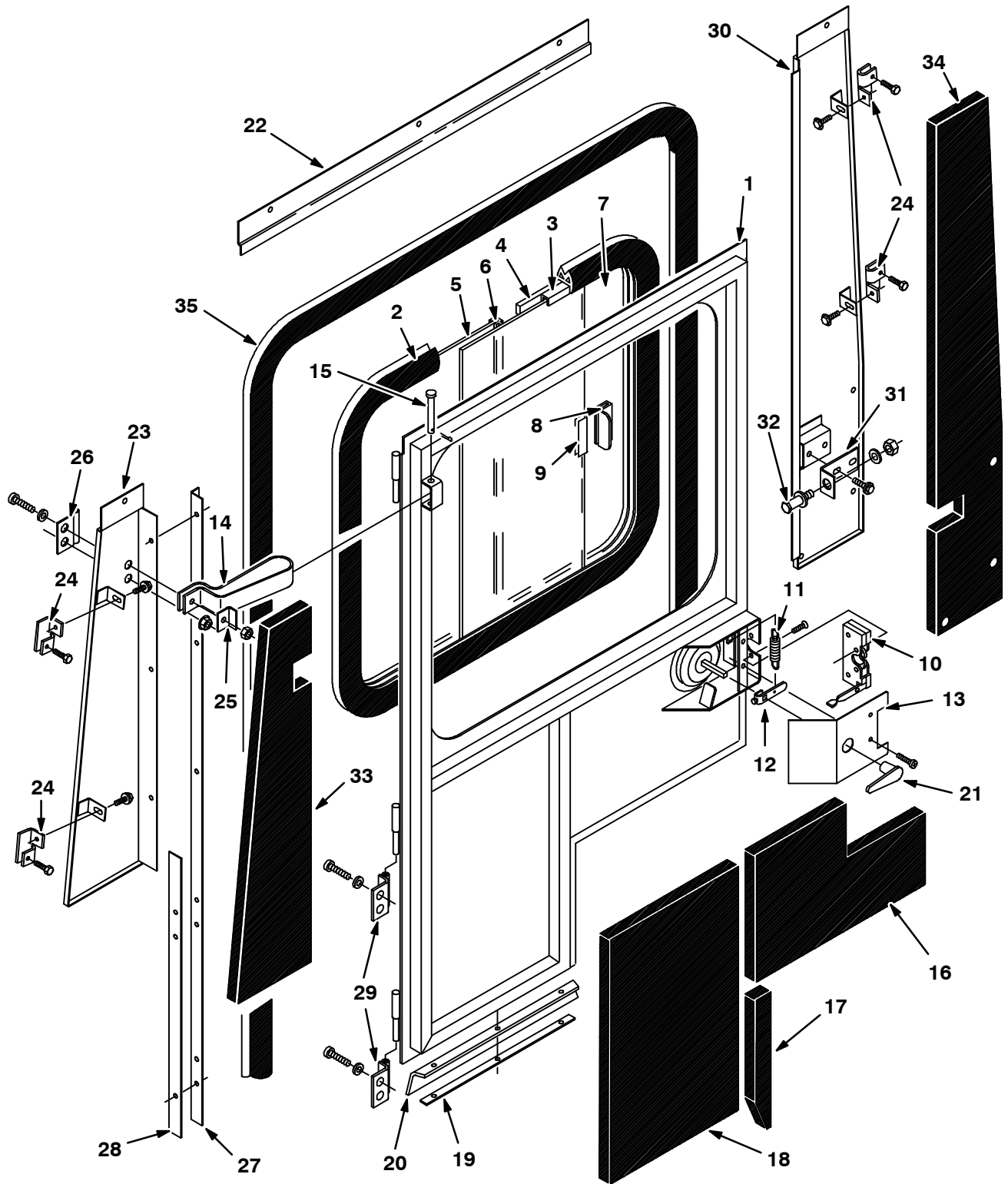


Fig. 7 – Cab Door Group

Fig. 7 – Cab Door Group

NOTE: Cab Kit, TENNANT Part Number 60763, Includes Fig. 6 and 7.

Key	TENNANT Part No.	Machine Serial Number	Description	Qty.
1	60791	(000000–)	Door Wldt, 97 Cab	1
2	60898	(000000–)	Molding, Weatherstrip	1
3	60897	(000000–)	Channel, Flexible	1
4	60899	(000000–)	Spacer, Rubber	1
5	60868	(000000–)	Window, Door, Stationary	1
6	34049	(000000–)	Channel, Rigid	1
7	60867	(000000–)	Window, Door, Sliding	1
8	15066	(000000–)	Finger Pull	1
9	58974	(000000–)	Pad, Neoprene .06 X .7 X 2.7	2
10	58489	(000000–)	Latch, Hook (Supplier'S Rh)	1
11	57793	(000000–)	Spring, Tension	1
12	60866	(000000–)	Cam, Doorlatch, Rework	1
13	60848	(000000–)	Cover, Door Latch, 97	1
14	60862	(000000–)	Sleeve, Door Stop	1
15	02126	(000000–)	Pin, Clevis .375Dia X 3.0Lg	1
16	60869	(000000–)	Insulation, S/Foam, Door, Ctr	1
17	60876	(000000–)	Insulation, S/Foam, Door Edge	1
18	60877	(000000–)	Insulation, S/Foam, Door, Lwr	1
19	60864	(000000–)	Strip, Retainer	1
20	60865	(000000–)	Seal, Door, Cab, 97	1
21	57647	(000000–)	Handle, Door, Chrome	1
22	60782	(000000–)	Panel, Door Frame, Upper	1
23	60854	(000000–)	Panel Wldt, Door Frame, Front	1
24	60786	(000000–)	Clip, Cab Panel	4
25	60863	(000000–)	Angle, Door Stop	1
26	60861	(000000–)	Hinge Wldt	1
27	60894	(000000–)	Angle, Seal Mtg	1
28	60895	(000000–)	Strip, Filler	1
29	60859	(000000–)	Hinge Wldt	2
30	60856	(000000–)	Panel Wldt, Door Frame, Rear	1
31	60789	(000000–)	Bracket, Door Strike	1
32	58898	(000000–)	Bolt, Latch, For 58489 Or 58844	1
33	60878	(000000–)	Insulation, S/Foam, Rh–Front	1
34	60879	(000000–)	Insulation, S/Foam, Rh–Rear	1
35	57648	(000000–)	Seal, 123.75 Lng, Door	1

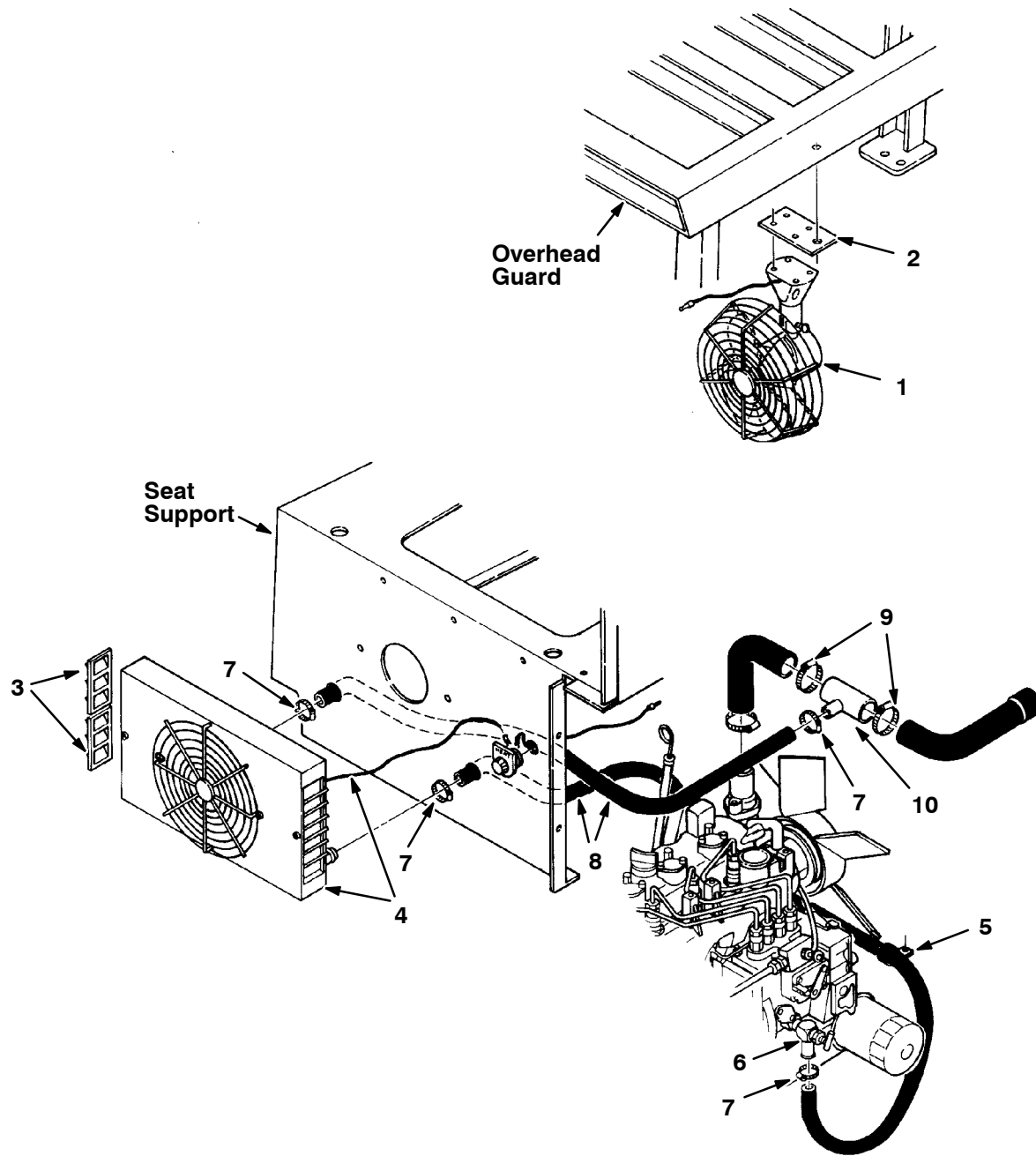


Fig. 8 – Heater Defroster Kit, Diesel

06637

Key	TENNANT Part No.	Machine Serial Number	Description	Qty.
	60767	(000000–)	Heater Kit, E1740 Diesel	1
1	34528	(000000–)	Fan Assy, Defroster	1
2	52360	(000000–)	Plate, Mounting.	1
3	52433–2	(000000–)	Deflector, Air	2
4	16871	(000000–)	Heater Kit (Hupp)	1
5	30408	(000000–)	Clip, Keeper, Open	1
6	16873	(000000–)	Valve, Heater 6Pm – 10 Barb	1
7	63810	(000000–)	Clamp – Wormdrive, 0.56 – 1.06D	4
8	57912	(000000–)	Hose, .62 Id x 84.0 Lng, Heater	2
9	11531	(000000–)	Clamp, Wormdrive, 1.06 – 2.00D	2
10	35314	(000000–)	Tube Wldt, Tee	1

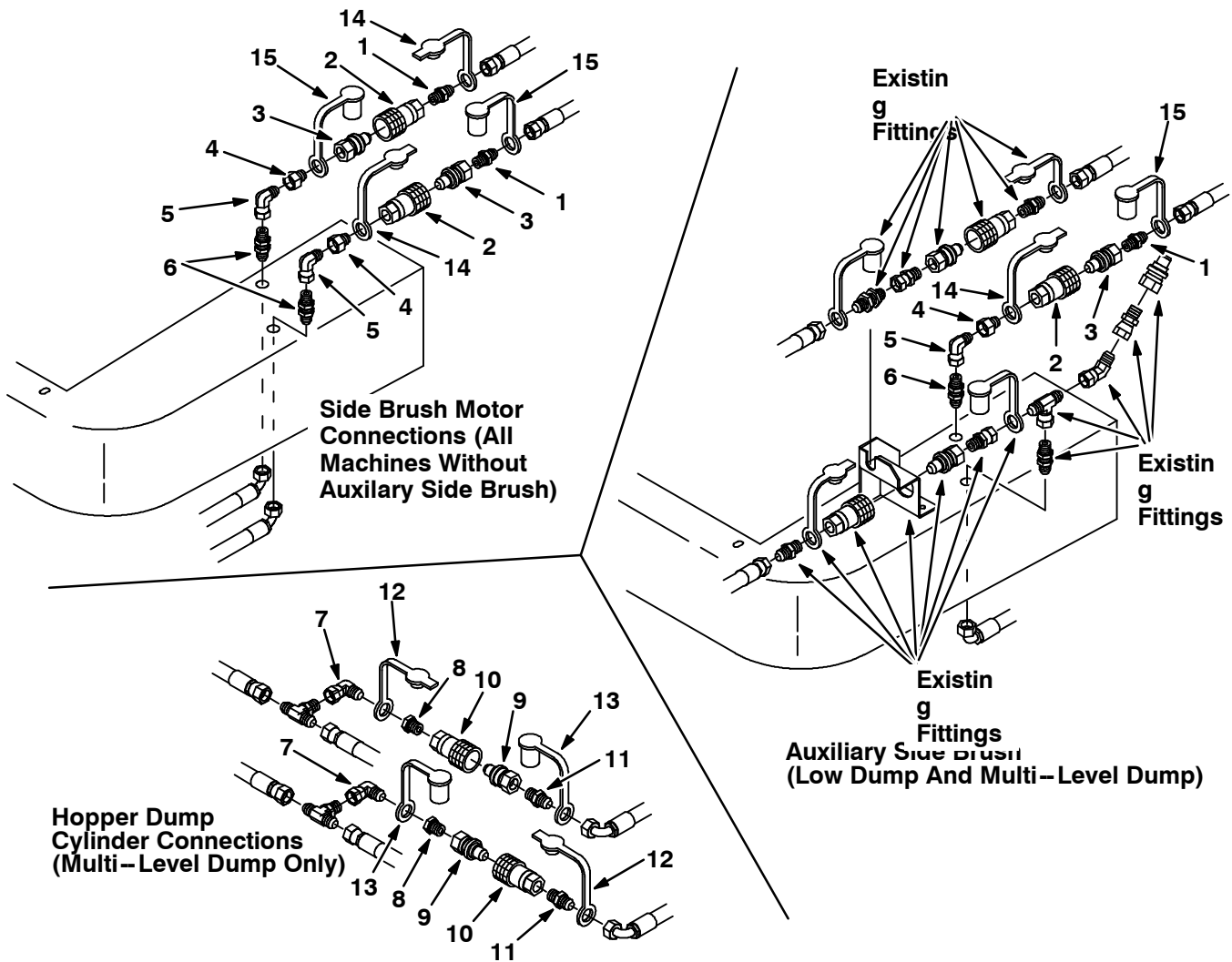


Fig. 9 – Snow Blade Adapter Kit

06542

Key	TENNANT Part No.	Machine Serial Number	Description	Qty.
	60915	(000000–)	Adapter Kit, E1740 Snow Blade	1
1	56690	(000000–)	Ftg–Hyd Str Jm06/Om06	2
2	16818	(000000–)	Ftg–Hyd Coupling Half Fem Of06	2
3	16817	(000000–)	Ftg–Hyd Coupling Half Mal Of06	2
4	35432	(000000–)	Ftg–Hyd Str Jf06/Om06	2
5	47504	(000000–)	Ftg–Hyd E90 Jm06/Jf06	2
6	16864	(000000–)	Ftg–Hyd Str Jm06/Jm06	2
7	34415	(000000–)	Ftg. Hyd. Elbow	2
8	17414	(000000–)	Ftg–Hyd Str Pm04/Pf02	2
9	34413	(000000–)	Ftg–Hyd Coupling Half Mal Pf04	2
10	34414	(000000–)	Ftg–Hyd Coupling Half Fem Pf04	2
11	06678	(000000–)	Ftg–Hyd Str Pm04/Jm04	2
12	33797	(000000–)	Plug, Dust–Hyd. Coupling	2
13	33798	(000000–)	Cap, Dust–Hyd. Coupling	2
14	60746	(000000–)	Dust Plug–Hyd, Coupling 06	2
15	60747	(000000–)	Cap, Dust–Hyd Coupling 06	2

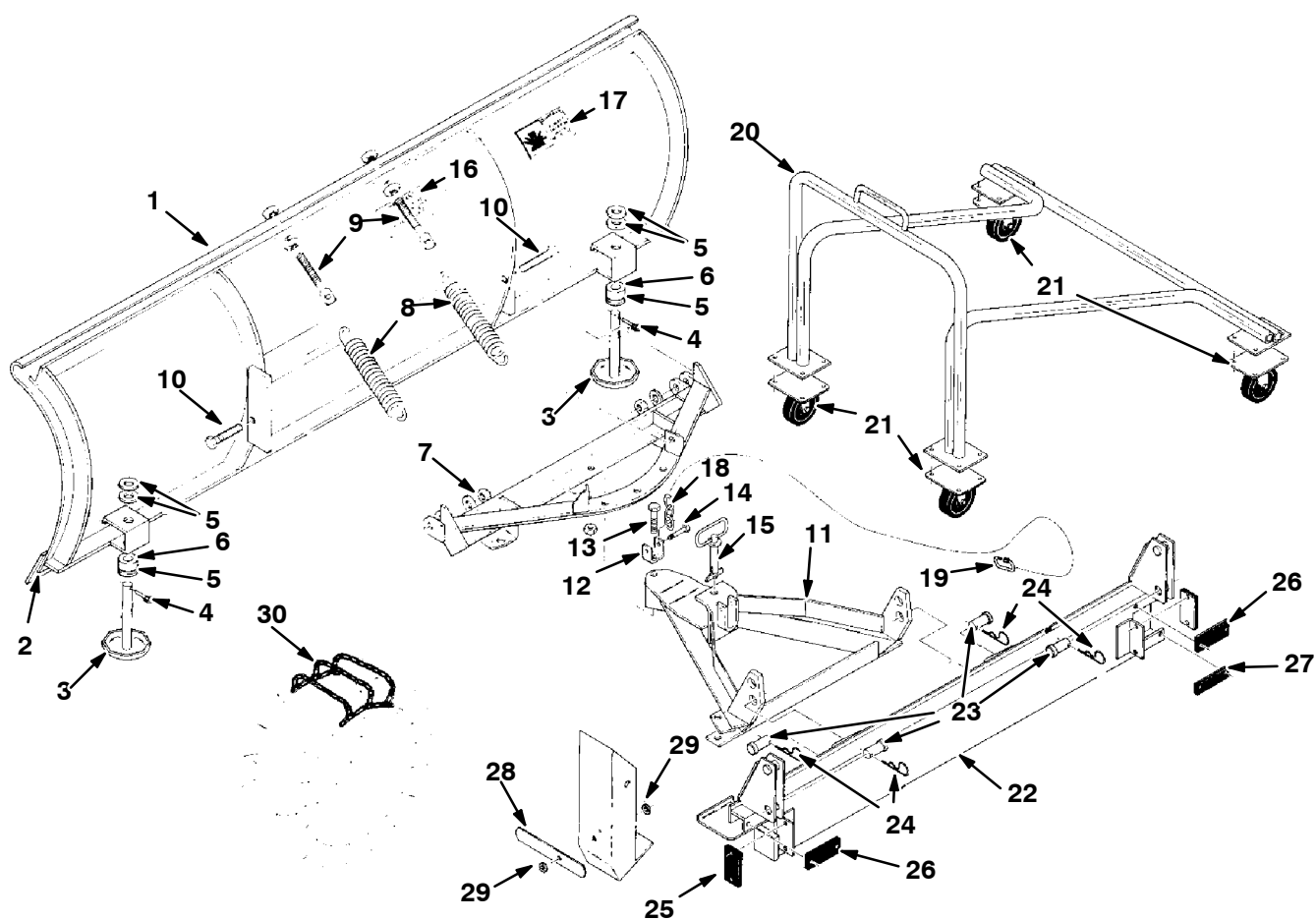


Fig. 10 – Snow Blade Kit

Fig. 10 – Snow Blade Kit

Key	TENNANT Part No.	Machine Serial Number	Description	Qty.
	62063	(000000–)	Snow–Blade Kit 92J/92/95	1
1	31305	(000000–)	Blade & Frame Assy, Snow Blade	1
2	31303	(000000–)	Blade Assembly–Snowplow 7'–6"	1
3	08045	(000000–)	<49076 Cutting Edge 7'6" Wp	1
	08046	(000000–)	<23467 Disc Shoe Assy Wp	2
4	08047	(000000–)	<93010 Linch Pin Wp	1
5	32969	(000000–)	Washer–Flt 1.00 Sae Hard Pltd	19
6	08048	(000000–)	<60045 Spacer Wp	1
	31311	(000000–)	Quadrant & A–Frame Assy	1
7	31302	(000000–)	Quadrant Assy–Snowplow	1
8	47713–1	(000000–)	<23039 Spring Wp	2
9	47713–2	(000000–)	<90493 Eye Bolt Wp	2
10	39639	(000000–)	Scr Hex .62–11X3.00	2
11	31304	(000000–)	A–Frame Unit–Snow Plow	1
12	08051	(000000–)	<60197 Clevis Wp	1
13	58056	(000000–)	Scr Hex .75–10X3.00	1
14	08063	(000000–)	<90063 Bolt .38–16X3 Wp	1
15	08052	(000000–)	Pin, Sector .62Dia X 4.0L	1
16	32182	(000000–)	Sprocket, Drive,Pntd.By Tennnt	1
17	32180	(000000–)	Label, Warning–Snowplow	1
18	62076	(000000–)	Chain,Coil#5/16, 6Ft.Lg	1
19	62080	(000000–)	Link,Chain,Connecting .31 Thd.	1
20	52001	(000000–)	Dolly,Hopper, 92	1
21	51701A	(000000–)	Caster,4Hole,Swivl,4.00Dia Whl	4
22	32178	(000000–)	Crossbar Weldt,Snow–Blade 92	1
23	04733–5	(000000–)	Pin,Clevis,1.00 Dia.X 2.00 Lg	4
24	55094	(000000–)	Pin,Hair Cotter #Lhcot–3,Leitk	4
25	62071A	(000000–)	Bumper,Frame,Snowblade,Armaplt	2
26	62072A	(000000–)	Bumper,Frame,Snowblade,Armaplt	2
27	62073A	(000000–)	Bumper,Frame,Snowblade,Armaplt	1
28	32179	(000000–)	Stop, Arm	1
29	52508	(000000–)	Washer–Wavy Spring,#Ww–381–&–8	2
30	62074	(000000–)	Chain,Tire 6.90/6.00–9	1

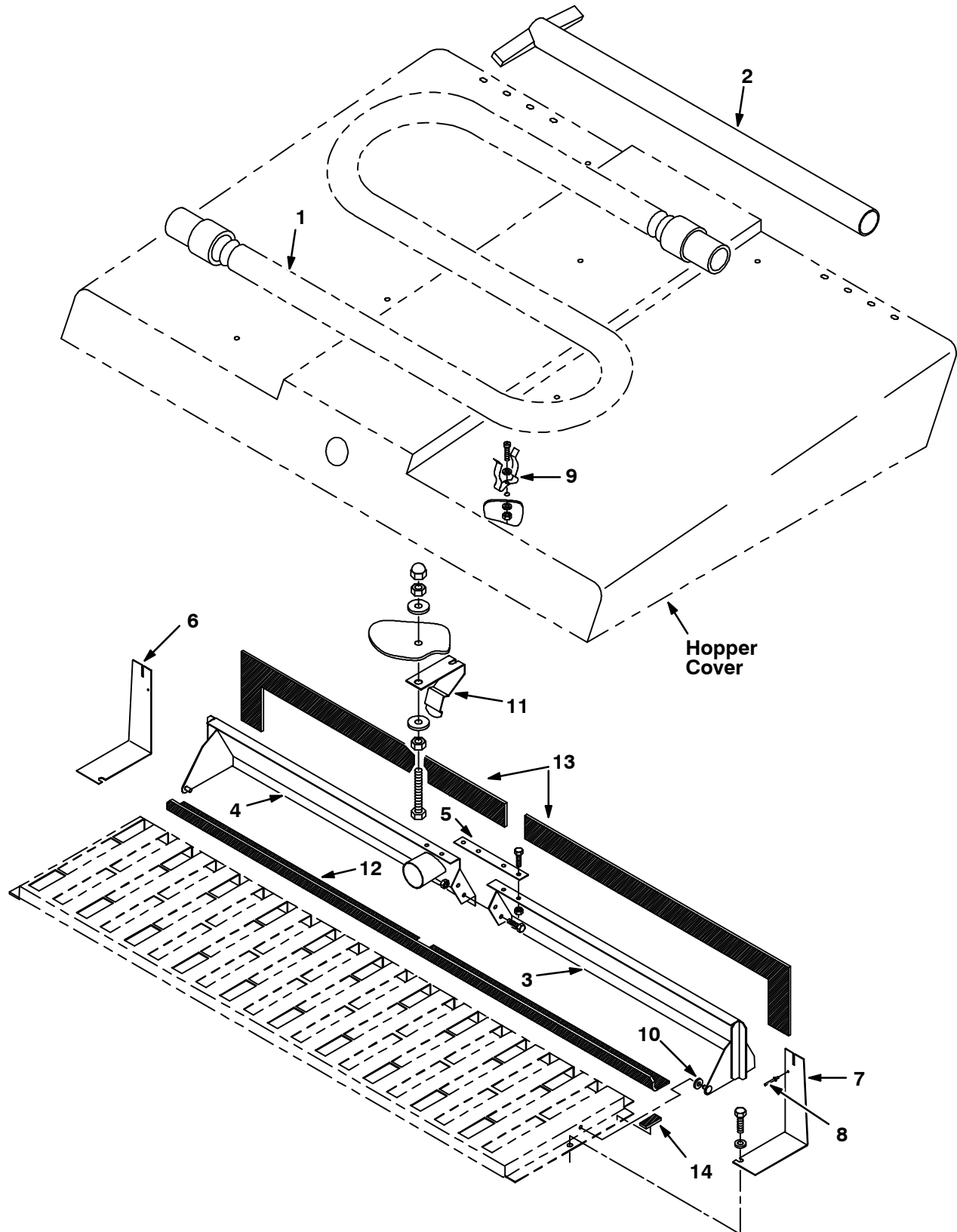


Fig. 11 – Vacuum Wand Kit

Fig. 11 -- Vacuum Wand Kit

Key	TENNANT Part No.	Machine Serial Number	Description	Qty.
	36155	(000000—)	Vacuum Wand Kit, 97	1
1	54009	(000000—)	Hose&2Cuff Assy,Vinyl2.0ld10Ft	1
2	54012	(000000—)	Wand Weldment	1
3	35452	(000000—)	Door Wldt, Vac Wand, Lh	1
4	35240	(000000—)	Door Wldt, Vac Wand, Rh	1
5	36135	(000000—)	Strip, Joining	1
6	35249	(000000—)	Angle, Filler, Vac Wand Door	1
7	35250	(000000—)	Angle, Filler, Vac Wand Door	1
8	34738	(000000—)	Rivet,Pop—.125Dx.32X.25Dhd St	2
9	36158	(000000—)	Clip, Finger Grip	7
10	16236	(000000—)	Washer,Nyl,0.26 Bx0.72 X.07 Th	2
11	35351	(000000—)	Latch, Spring, Vac Wand Door	1
12	61843	(000000—)	Seal, Vac Wand Door	1
13	61844	(000000—)	Seal, Vac Wand Door	2
14	41830	(000000—)	Seal,Foam Rbr, .19 .62W 1.5L	2

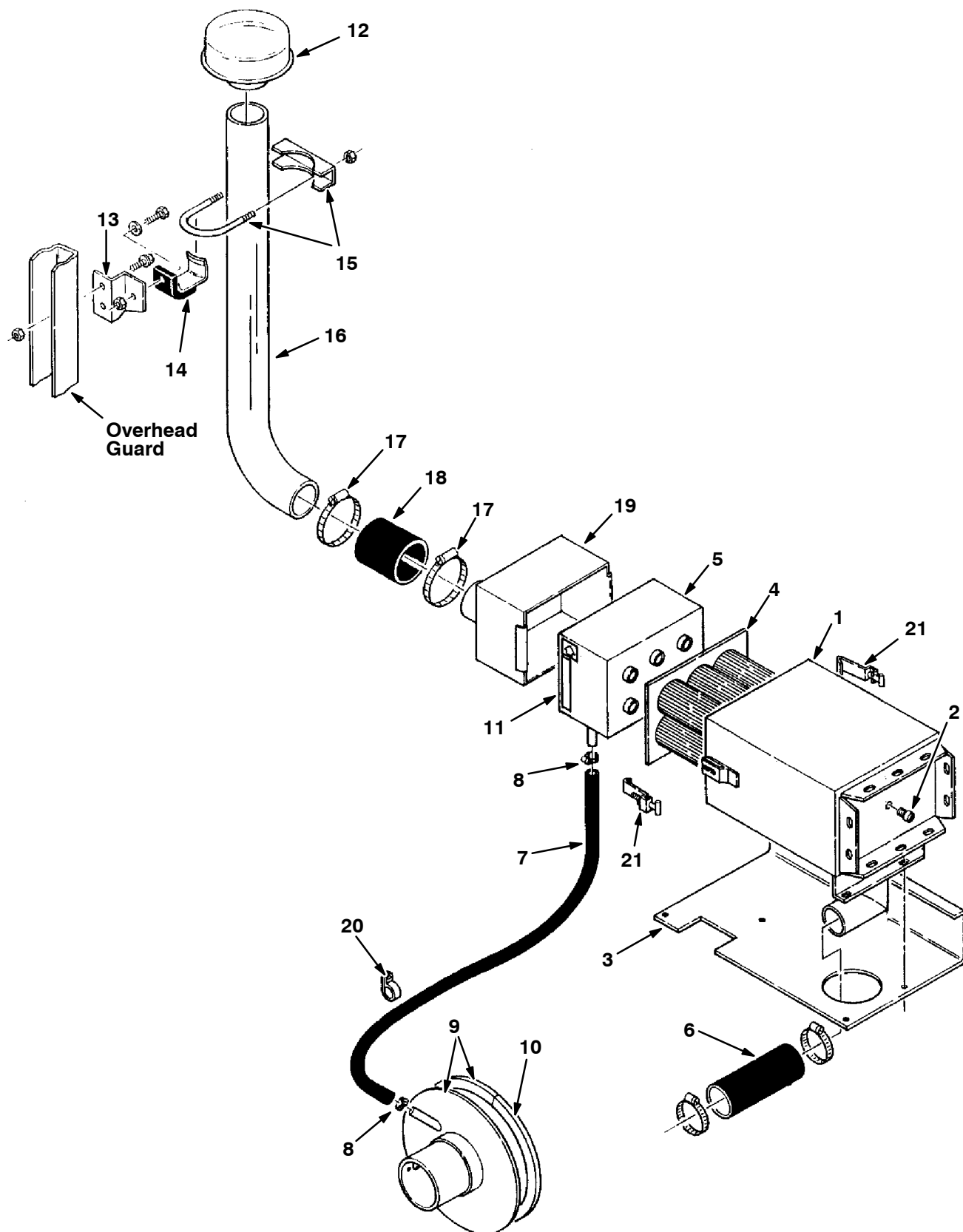


Fig. 12 – Air Cleaner Kit

Fig. 12 – Air Cleaner Kit

Key	TENNANT Part No.	Machine Serial Number	Description	Qty.
1	60744	(000000–)	Air Clnr Kit, Farr 97 All	1
2	34498	(000000–)	Air Cl.Weld'T–Farr	1
3	02246	(000000–)	Ftg–Plug Npt 02Pm Slottd	1
4	34499	(000000–)	Bumper Farr	1
5	39929–3	(000000–)	Filter, Air – 6 Tube	1
6	39929–2	(000000–)	Pre–Cleaner, Air Intake	1
7	15543–1	(000000–)	Coupling, Air Cleaner Tube L	1
8	52922	(000000–)	Hose Rbr,0.50 Id,Ie#A108 , 60	1
9	54333	(000000–)	Clamp–Wormdrive, 0.31– 0.88D	2
10	35945	(000000–)	Cover Assy, Vac Fan W/Gasket	1
11	23542	(000000–)	Seal,Foam Rbr, .31 .38W 30.5L	1
12	48088–6	(000000–)	Label, Instr.	1
13	76322	(000000–)	Cap Assy,Intake	1
14	39870	(000000–)	Bracket, Support – Tube	1
15	39957	(000000–)	Support, Air Intake Tube	1
16	13888	(000000–)	Clamp–Muffler,For 2.50 Od Tube	1
17	34889	(000000–)	Tube,Air Intake	1
18	43555	(000000–)	Clamp–Wormdrive, 1.62– 3.50D	2
19	34887	(000000–)	Hose,Air Cleaner Coupling	1
20	34888	(000000–)	Cover Weld'T,Air Cleaner	1
21	49287	(000000–)	Clamp–Cable, 0.75Dia 0.88Wth	1
22	49195	(000000–)	Fastener Assy,Farr#A42067	2

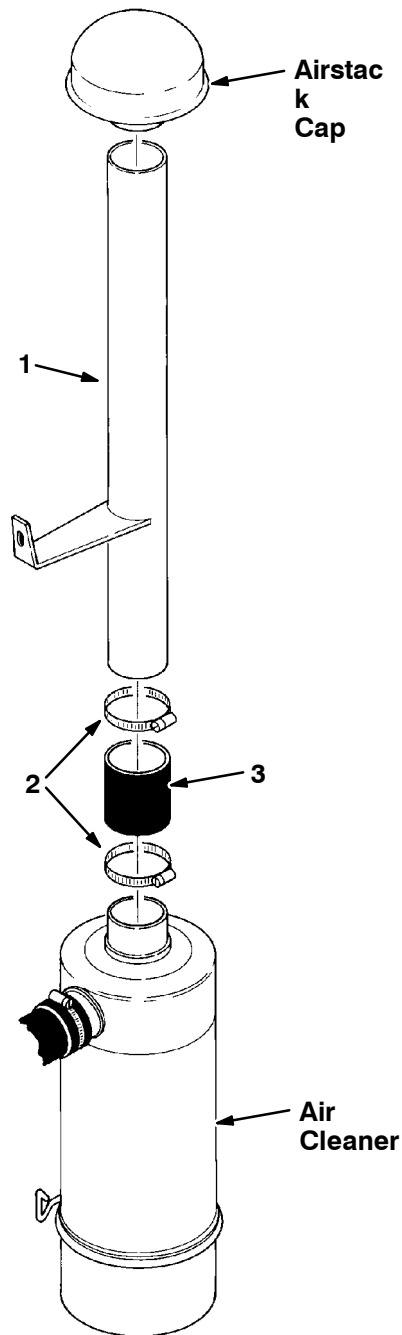


Fig. 13 – Air Filter Intake Kit, Diesel

03555

Key	TENNANT Part No.	Machine Serial Number	Description	Qty.
	34038	(000000–)	Hi–Rise Intake Kit, A Fitr 95D	1
1	16811	(000000–)	Tube Weld'T Air Cleaner 21/2"	1
2	43555	(000000–)	Clamp–Wormdrive, 1.62– 3.50D	2
3	34887	(000000–)	Hose,Air Cleaner Coupling	1

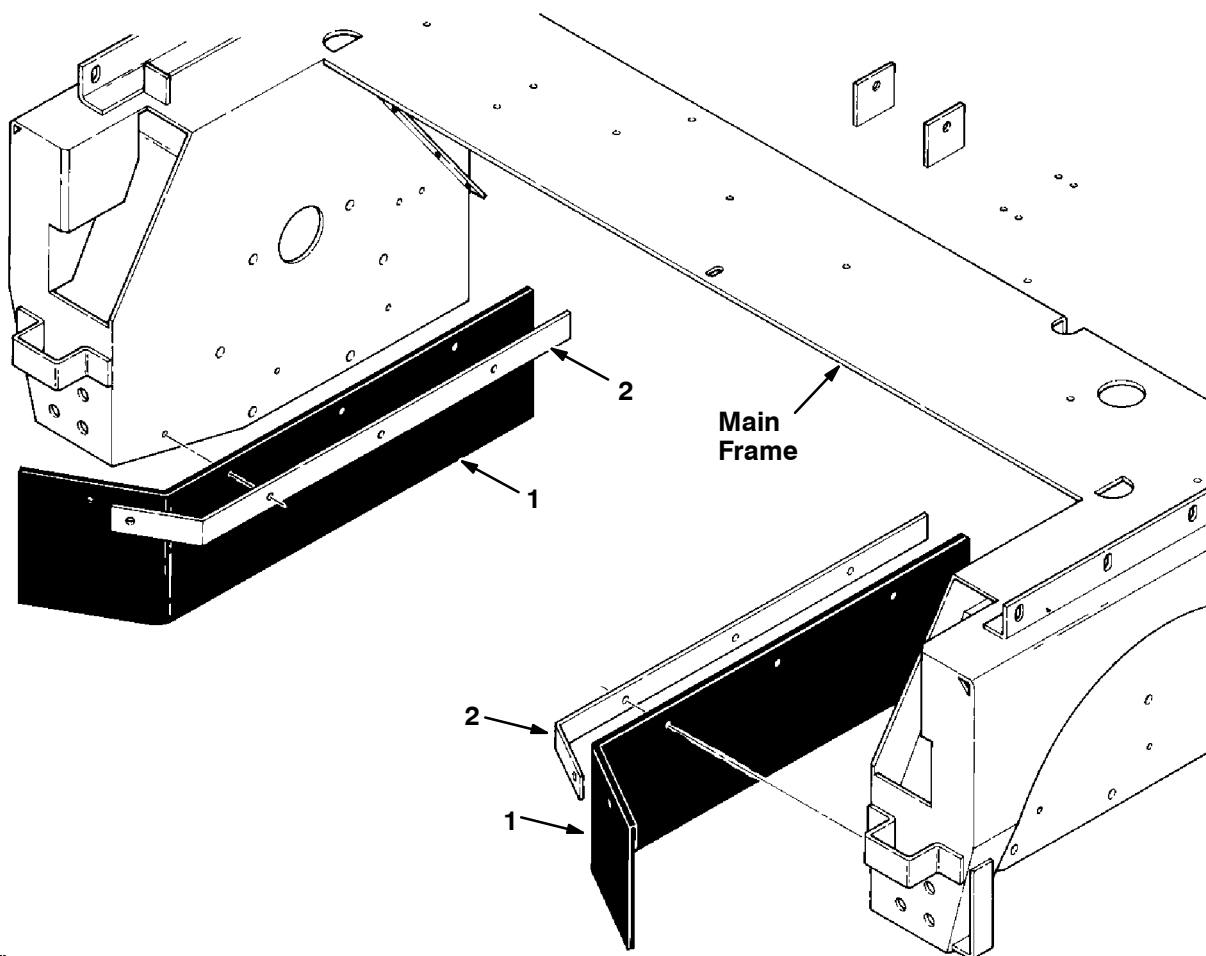


Fig. 14 – Debris Deflector Kit

01605

Key	Tennant Part No.	Machine Serial Number	Description	Qty.
1	36779	(000000–)	Deflector Kit, Debris	1
1	36789	(000000–)	Skirt	2
2	36790	(000000–)	Retainer, Wheel Skirt	2

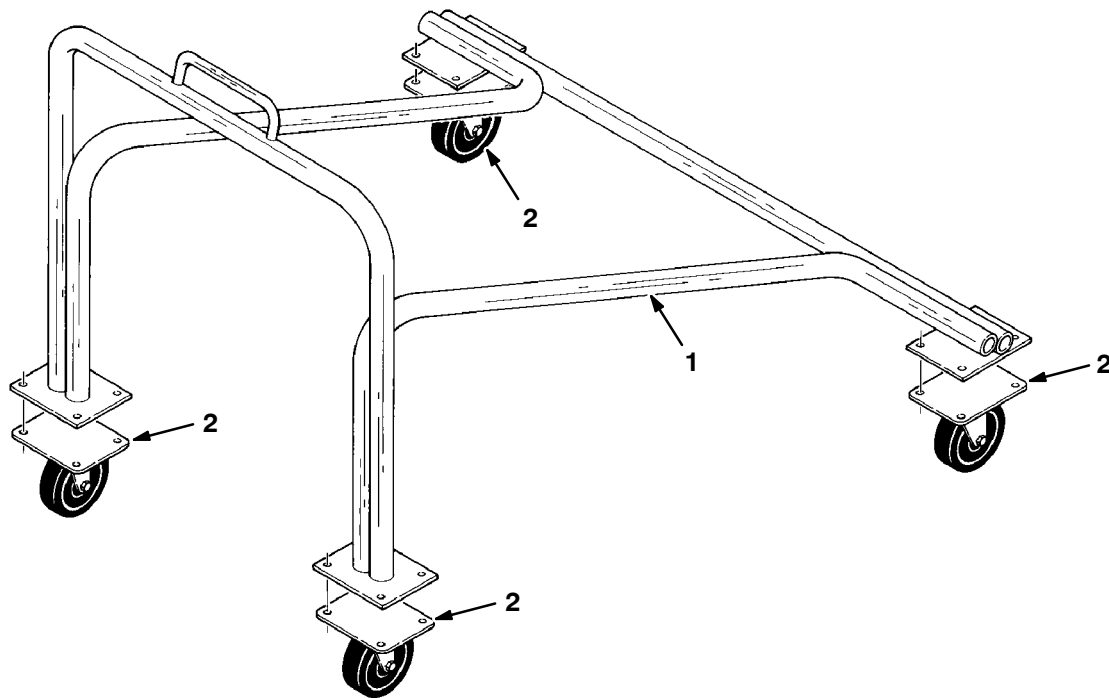


Fig. 15 – Hopper Dolly Kit, Low Dump, Multi-Level Dump

01630

Key	TENNANT Part No.	Machine Serial Number	Description	Qty.
1	52001	(000000–)	Dolly, Hopper	1
2	51701A	(000000–)	Caster, Swivel	4

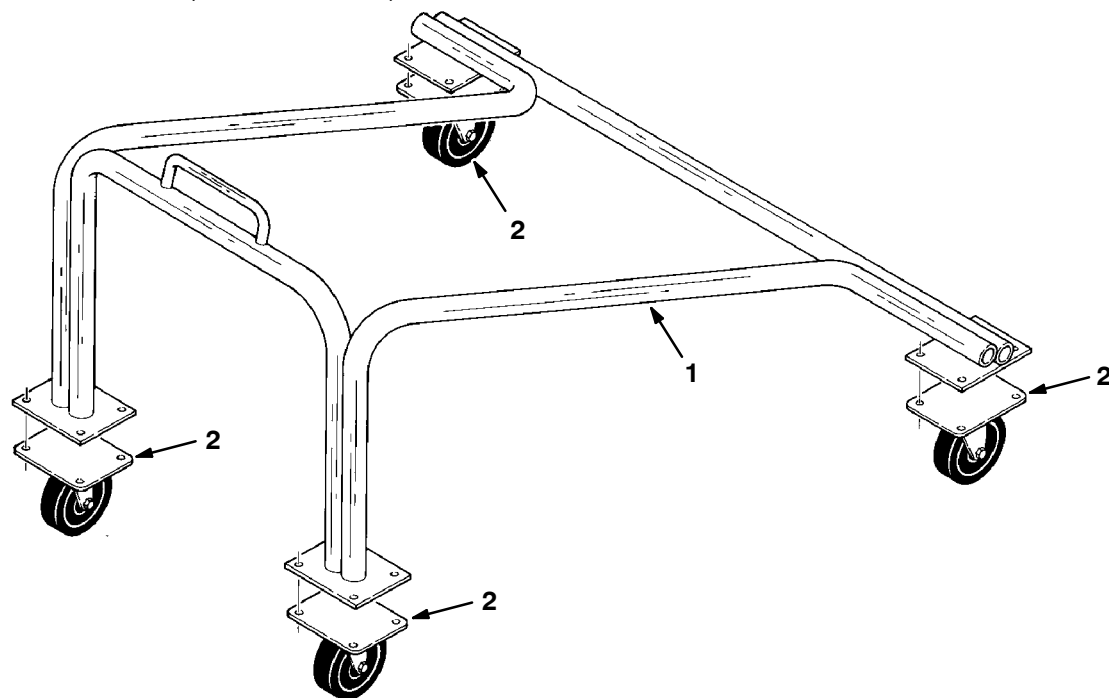


Fig. 16 – Hopper Dolly Kit, SE

01631

Key	TENNANT Part No.	Machine Serial Number	Description	Qty.
1	39676	(000000–)	Dolly, Hopper	1
2	51701A	(000000–)	Caster, Swivel	4

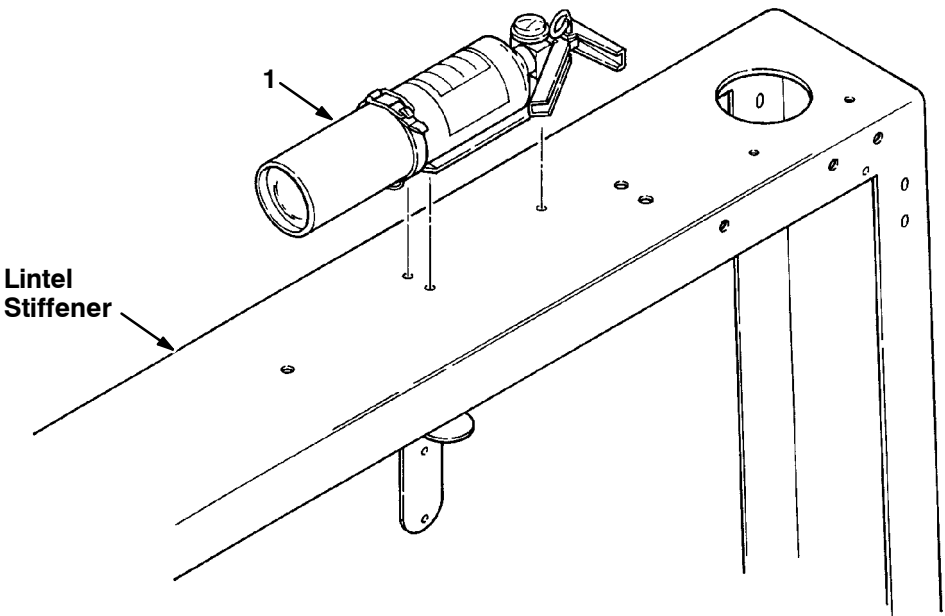


Fig. 17 – Fire Extinguisher Kit

01578

Key	TENNANT Part No.	Machine Serial Number	Description	Qty.
1	50615	(000000 –)	Fire Extinguishing Kit	1
	25312	(000000 –)	Extinguisher, Fire	1

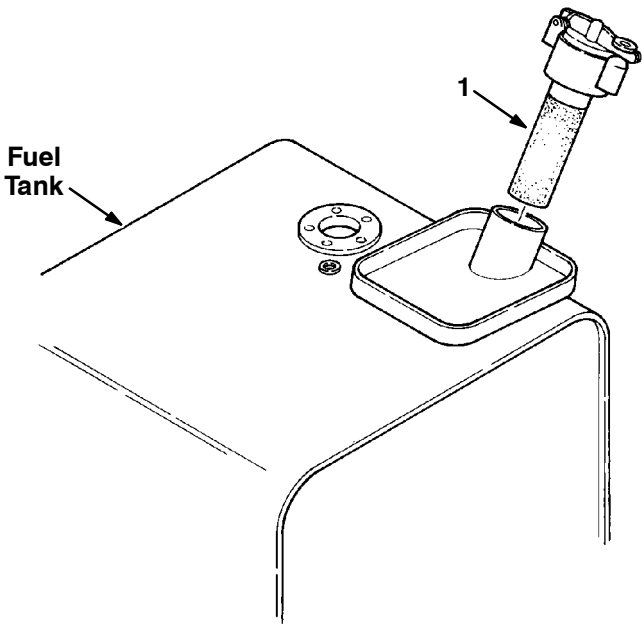


Fig. 18 – Protectoseal Fuel Tank Cap

01584

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

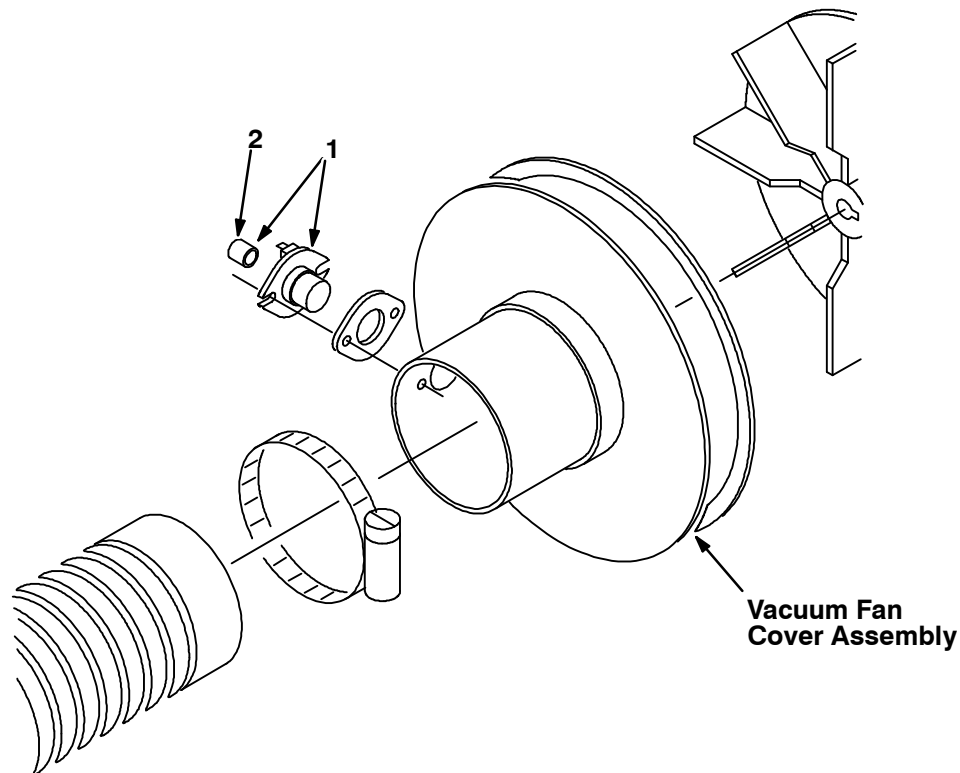


Fig. 19 – Thermostat Assembly

06643

Key	TENNANT Part No.	Machine Serial Number	Description	Qty.
1	02713	(000000–)	Thermostat Assembly, 155 Deg	1
2	02940	(000000–)	Cap, Vinyl, Black – .38ldx.50X.03	1

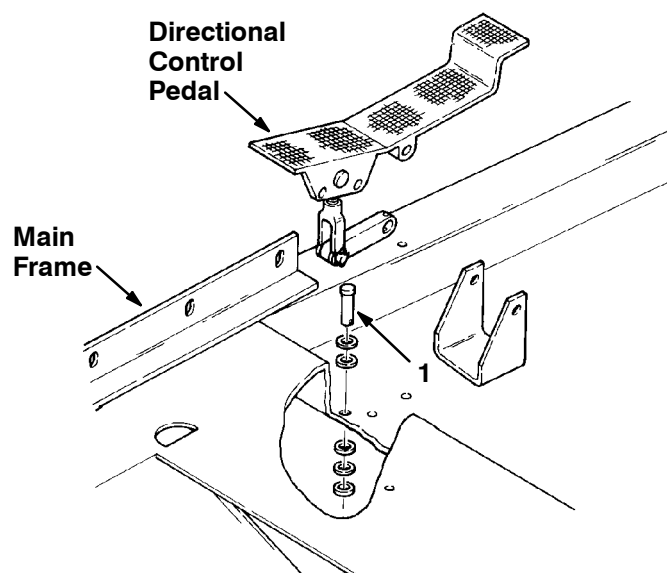


Fig. 20 – Speed Control Kit

01582

Key	TENNANT Part No.	Machine Serial Number	Description	Qty.
1	52276	(000000–)	Speed Control Kit	1
	43290	(000000–)	Pin, Clevis	1

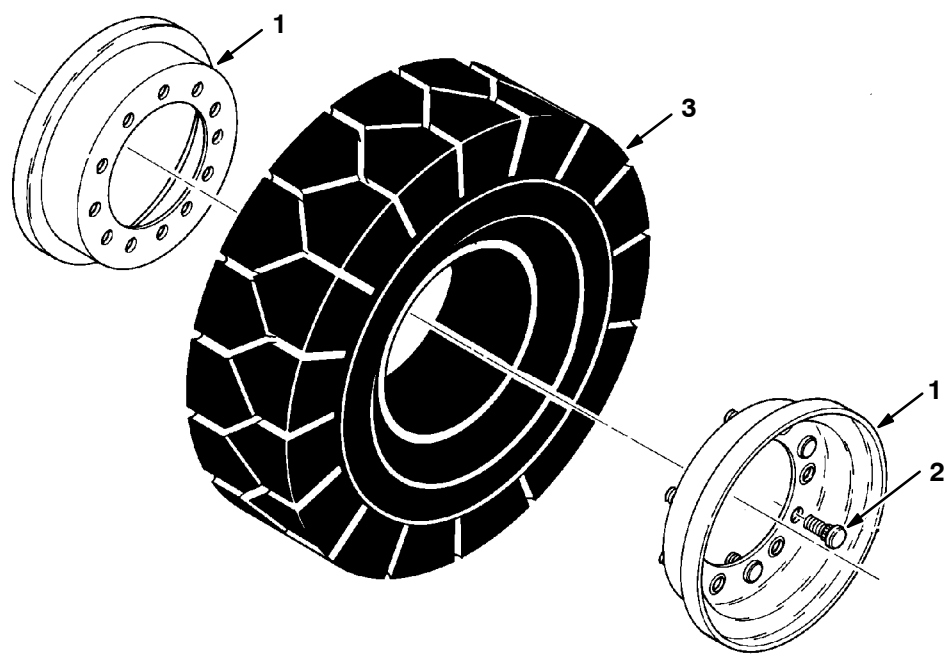


Fig. 21 – Rear Wheel Kit, Low Dump

01531

Key	TENNANT Part No.	Machine Serial Number	Description	Qty.
1	51705	(000000–)	Tire and Wheel Assembly	1
2	52775	(000000–)	Rim Assembly	1
3	51355	(000000–)	Stud, Wheel	6
	51711	(000000–)	Tire	1



Fig. 22 – Urethane Tire Kit

03452

Key	TENNANT Part No.	Machine Serial Number	Description	Qty.
1	16869	(000000–)	Urethane Tire Kit	1

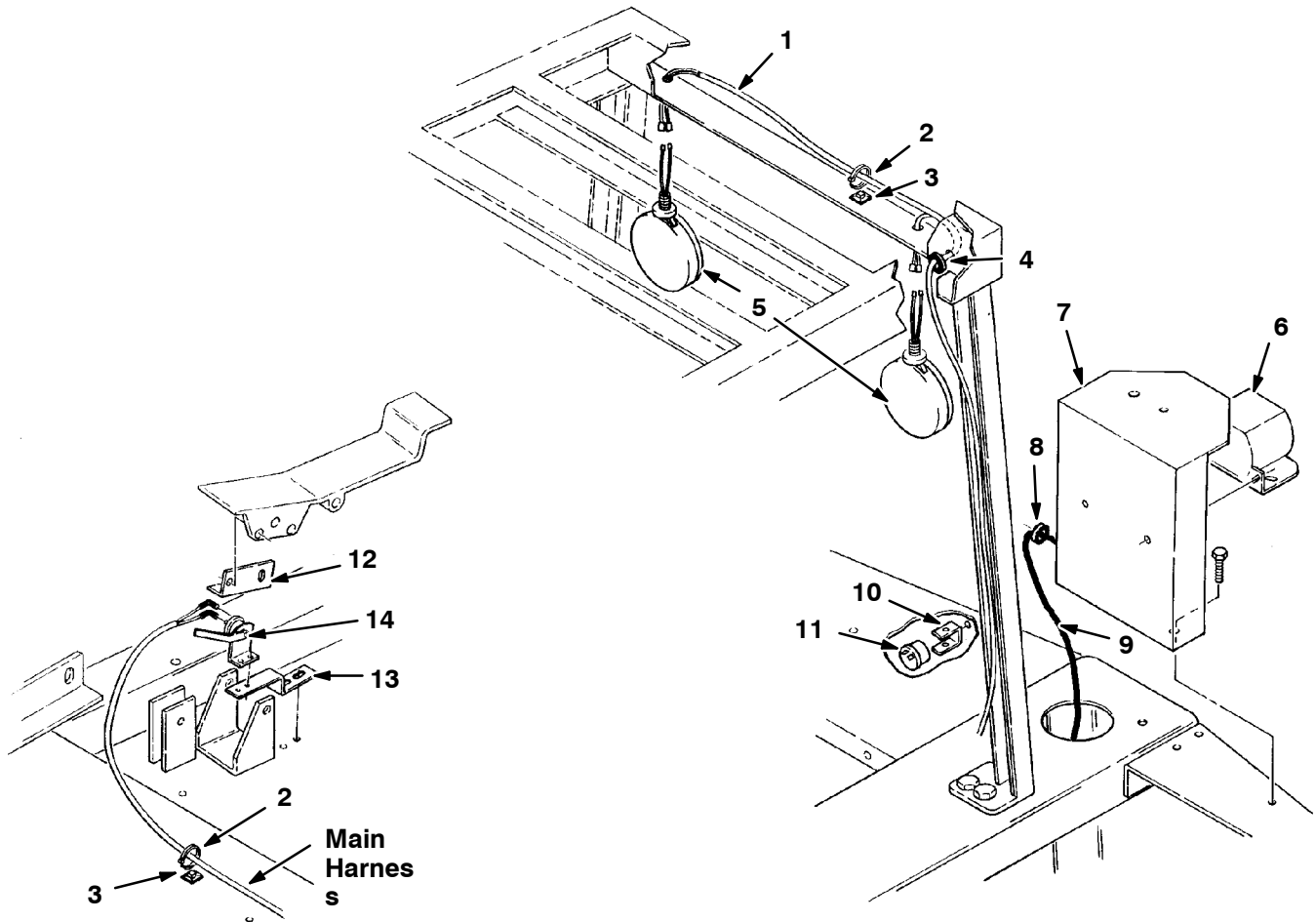


Fig. 23 – Back-Up Alarm Kit

06642

Key	TENNANT Part No.	Machine Serial Number	Description	Qty.
	60761	(000000–)	Alarm Kit, Back-Up Aud/V 97	1
1	60748	(000000–)	Harness, Wire, Back-Up Lights	1
2	49266	(000000–)	Tie, Cable 1.75D Max 7.50Lg	8
3	55248	(000000–)	Cabletie Mount, Adhesive	6
4	87514	(000000–)	Grommet, Rbr, 0.44Id, For .25Matl	1
5	36438	(000000–)	Headlight Assy, 210G	2
	36439	(000000–)	Bulb, 12V .9A 15Cp#1004	1
6	61920	(000000–)	Horn Assy, Back-Up Alarm	1
7	35955	(000000–)	Bracket, Rotating Light	1
8	10632-11	(000000–)	Grommet, Rbr, 0.38Id, For .19Matl	1
9	60749	(000000–)	Harness, Wire, Flash/Horn Alarm	1
10	24576-1	(000000–)	Bracket, Flasher	1
11	24576	(000000–)	Flasher, 12V, Ideal Co. Hd552Ps83	1
12	33891	(000000–)	Bracket, Cam, Back-Up Alarm	1
13	33879	(000000–)	Bracket, Switch, Back-Up Alarm	1
14	33878	(000000–)	Switch, A/V Alarm Prop. Pedal L	1

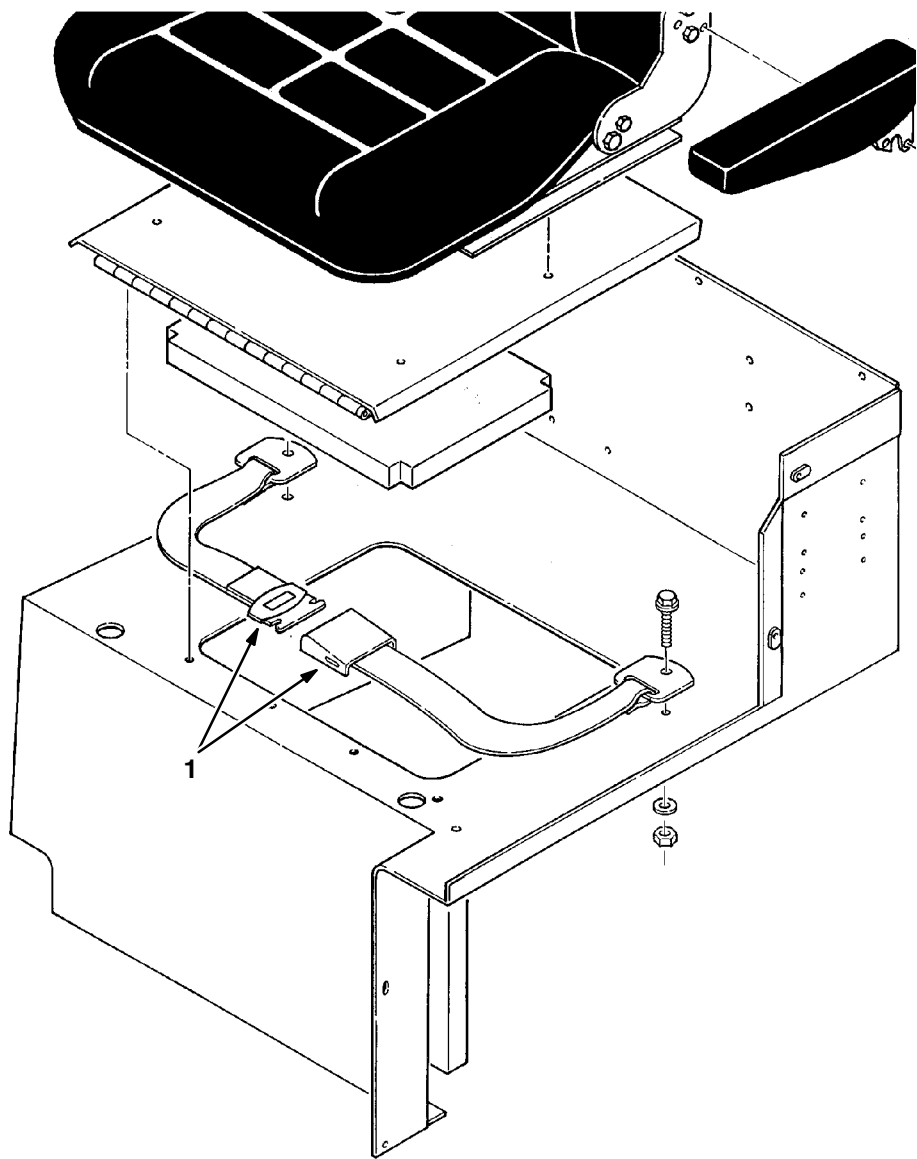


Fig. 24 – Seat Belt Kit

06554

Key	TENNANT Part No.	Machine Serial Number	Description	Qty.
1	35960	(000000 –)	Seat Belt Kit 97	1

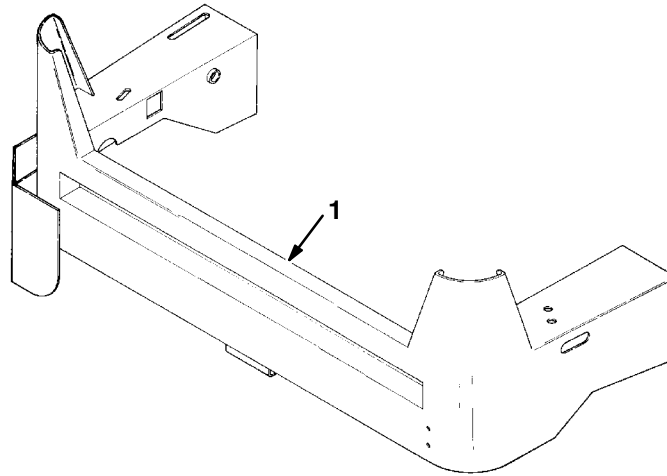


Fig. 25 – Front Bumper Group, SE

06656

Key	TENNANT Part No.	Machine Serial Number	Description	Qty.
1	35764	(000000–)	Bumper Wldt, Front Se	1

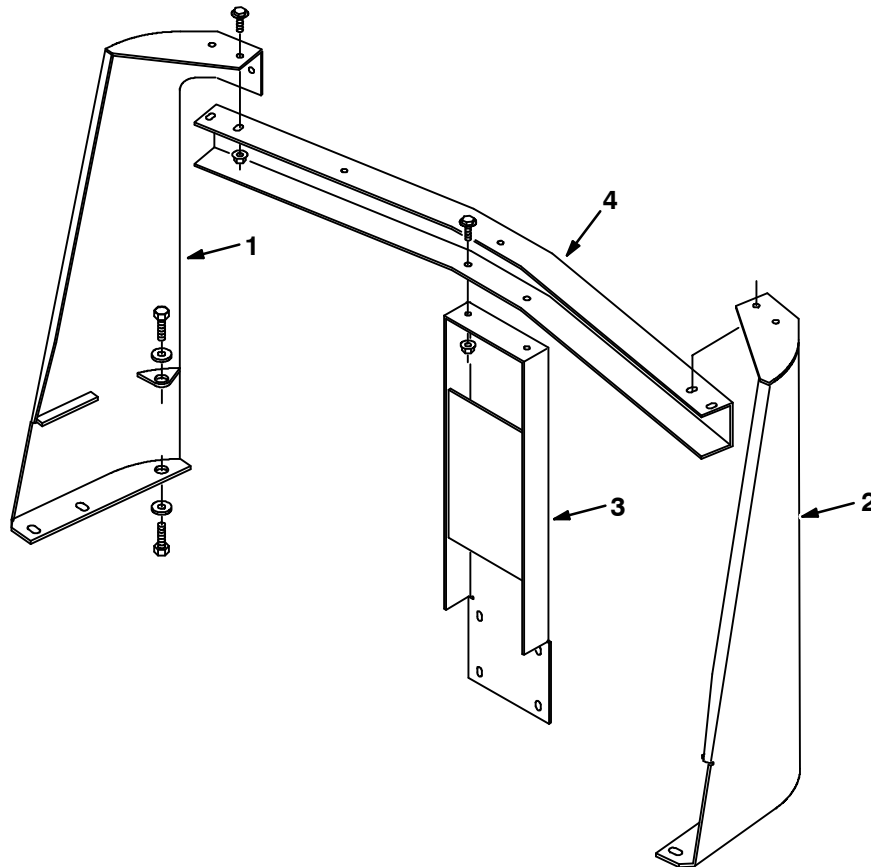
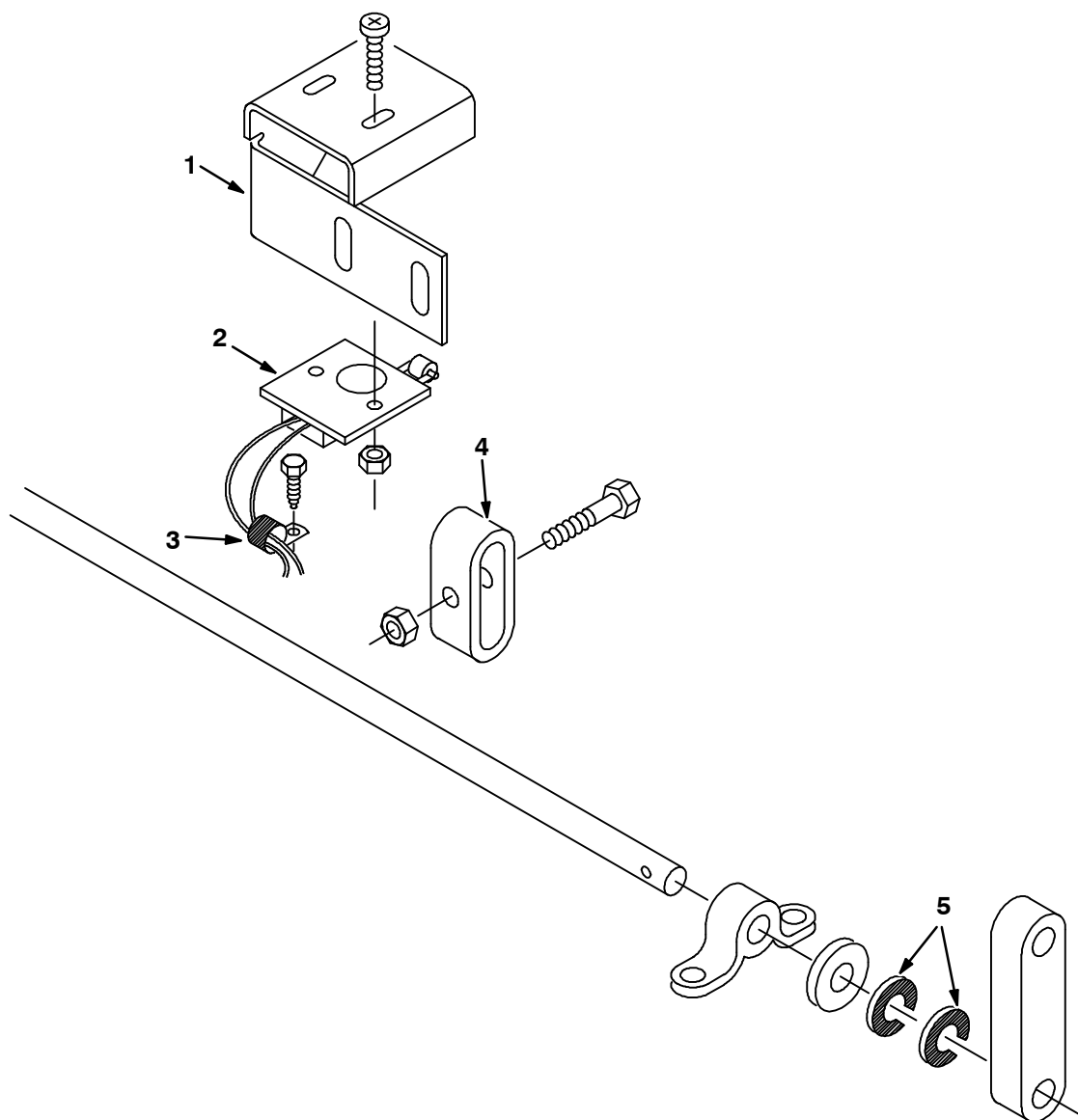


Fig. 26 – Rear Bumper Group, SE

06646

Key	TENNANT Part No.	Machine Serial Number	Description	Qty.
1	35441	(000000–)	Tower Wldt, Rh	1
2	35442	(000000–)	Tower Wldt, Lh	1
3	35443	(000000–)	Channel Wldt, Center	1
4	35437	(000000–)	Channel, Top	1



06648

Fig. 27 – Neutral Start Switch Group, SE

Key	TENNANT Part No.	Machine Serial Number	Description	Qty.
1	35876	(000000–)	Bracket	1
2	35905	(000000–)	Switch, Waterproof, 10A	1
3	40678	(000000–)	Clamp, Cable .44D .62Wide	1
4	39855	(000000–)	Bar–Link	1
5	46147	(000000–)	Washer, .50 B .88D .06Neopre	2

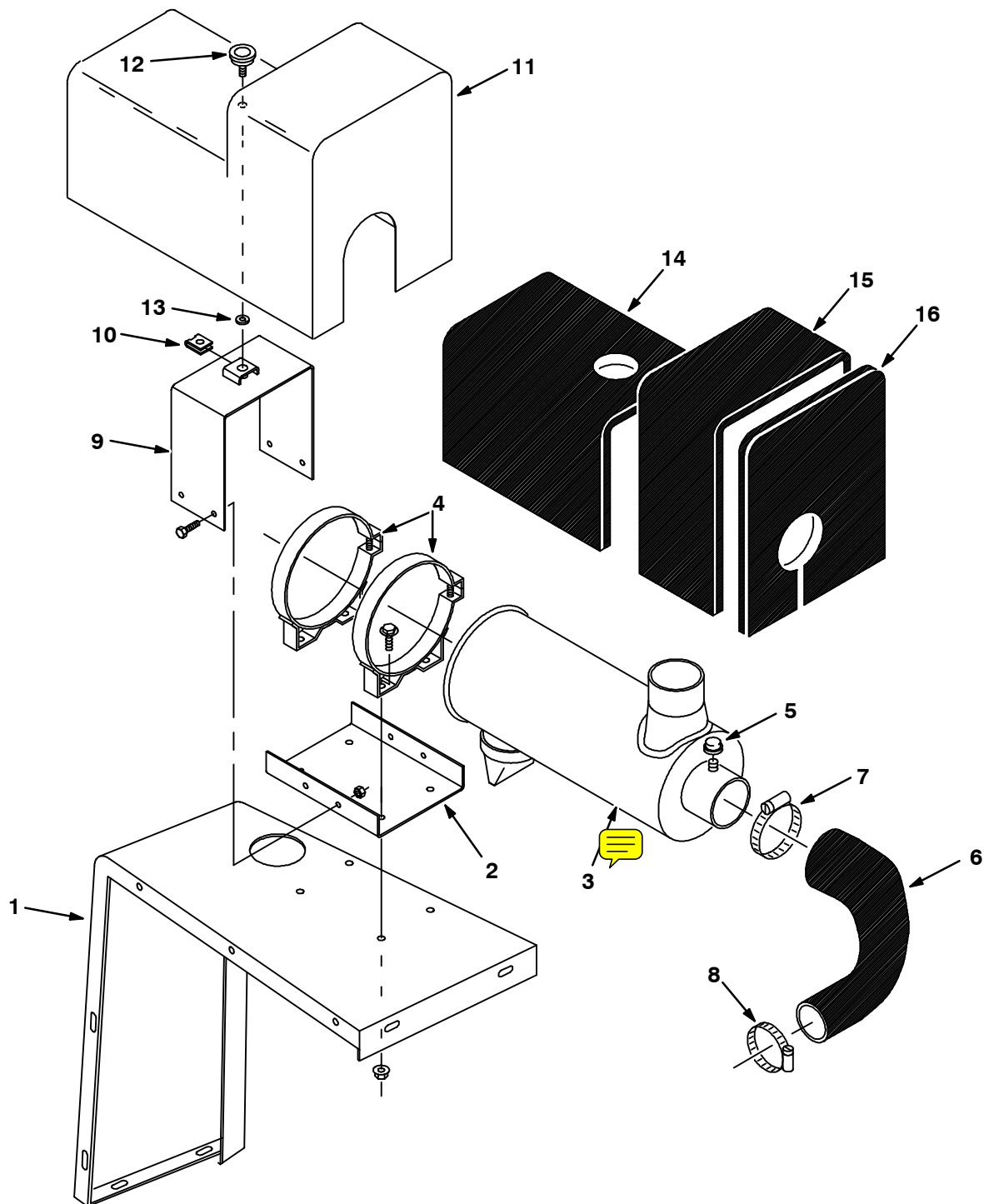


Fig. 28 – Air Cleaner Group, SE

Fig. 28 – Air Cleaner Group, SE

Key	TENNANT Part No.	Machine Serial Number	Description	Qty.
1	60924	(000000–)	Panel Wldt, Corner, Rear, Rh	1
2	60906	(000000–)	Channel, Base	1
3	35424	(000000–)	Cleaner, Air	1
4	76321	(000000–)	Band,Mtg.	2
5	60745	(000000–)	Ftg Cap Npt 02Pf	1
6	35875	(000000–)	Hose, Molded,A Clnr	1
7	43555	(000000–)	Clamp–Wormdrive, 1.62– 3.50D	1
8	14432	(000000–)	Clamp–Wormdrive, 1.81– 2.75D	1
9	60909	(000000–)	Mount Wldt, Air Cleaner	1
10	28165	(000000–)	Fasten er,Southco# 17–10027–11	1
11	60918	(000000–)	Cover Wldt, Air Cleaner 97	1
12	29982	(000000–)	Knob,0.31–06,1.38Dia,Plastic	1
13	26015	(000000–)	Fastener,Southco# 17–10014–12	1
14	60910	(000000–)	Insul.,S/Foam.75X11.75X 12.12	1
15	60911	(000000–)	Insul.,S/Foam.75X 5.62X 33.88	1
16	60912	(000000–)	Insul.,S/Foam.75X 12.38X 10.38	1

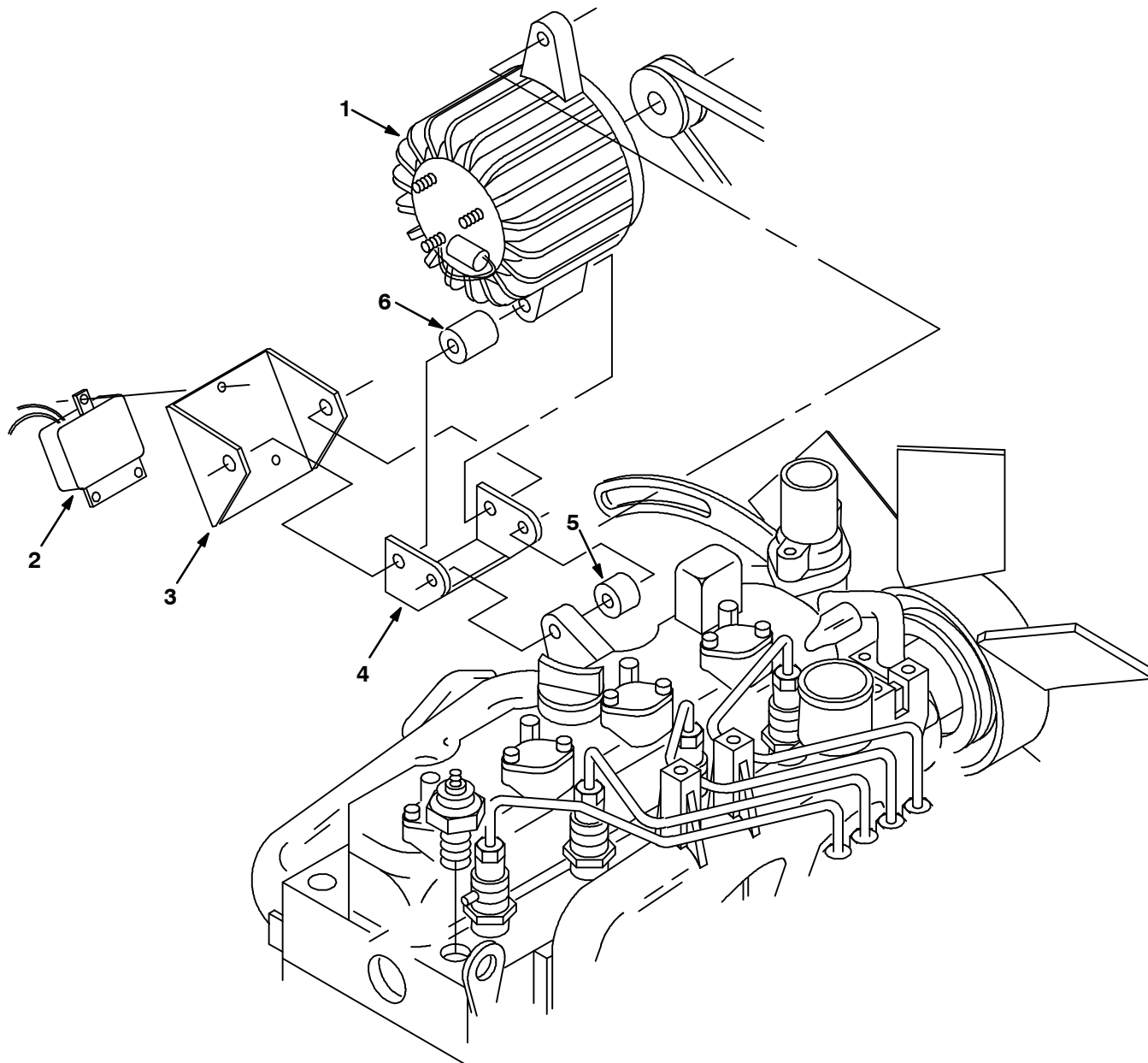


Fig. 29 – Alternator Group, Diesel, SE

06652

Key	TENNANT Part No.	Machine Serial Number	Description	Qty.
1	39693-1	(000000-)	Alternator – Motorola	1
2	39693-2	(000000-)	Regulator – Motorola	1
3	34831	(000000-)	SE Reg. crad le	1
4	33701	(000000-)	Bracket, Alt Kubota SE	1
5	06918	(000000-)	Sleeve, .375B 1.00D .69 cd znc	1
6	33736	(000000-)	Sleeve, .56B 1.00D 1.19lg znc	1

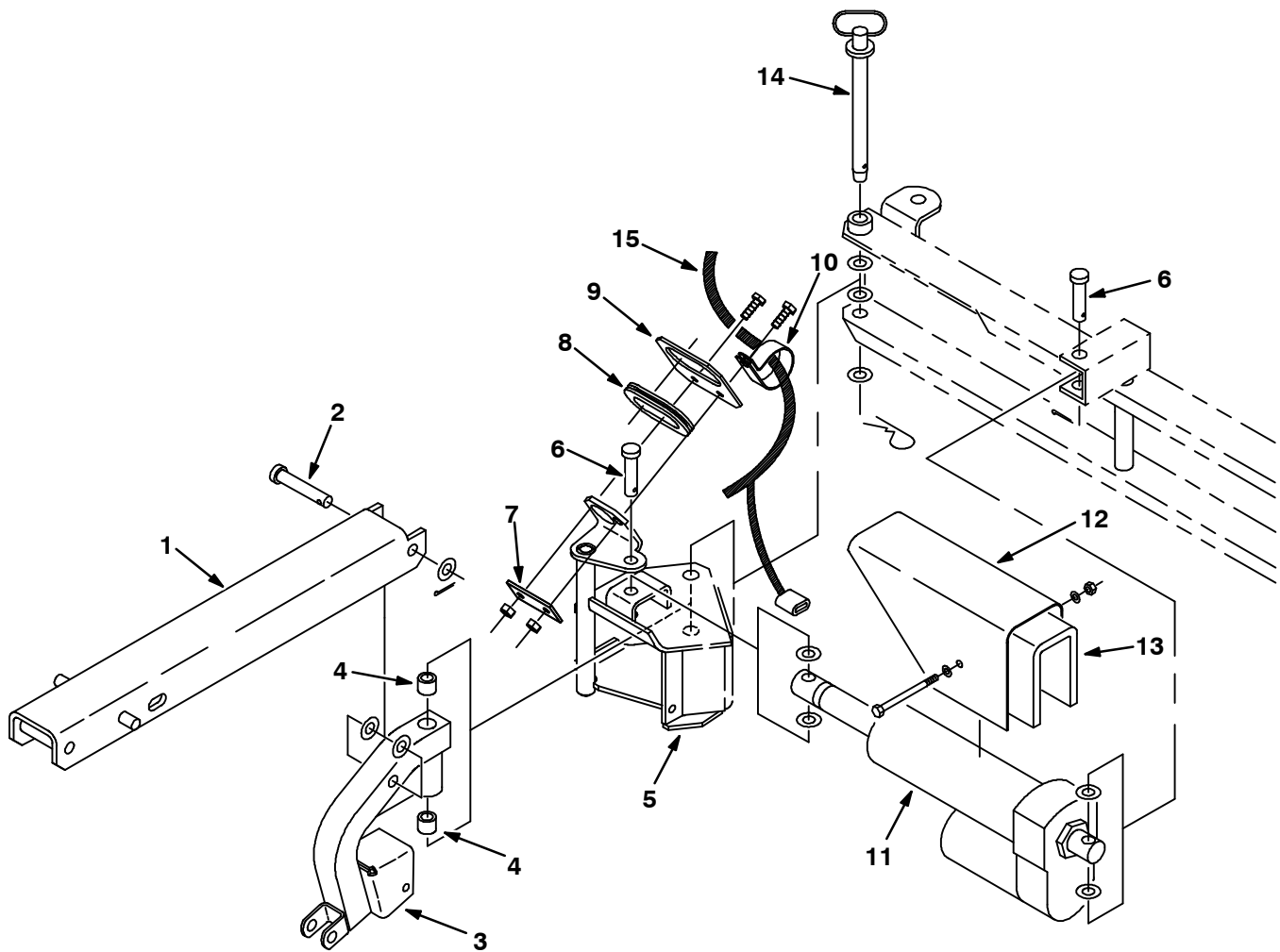


Fig. 30 – Auxiliary Side Brush Pivot Group

06658

Key	TENNANT Part No.	Machine Serial Number	Description	Qty.
1	35253	(000000–)	Channel, Arm	1
2	23683	(000000–)	Pin, Clevis, 0.50 Dia. X 3.00 Lg	1
3	35281	(000000–)	Arm Wldt, Brush Pivot	1
4	45097	(000000–)	Bearing, Fiberglide .62X.625	2
5	35274	(000000–)	Lever Wldt, Actuator Pivot	1
6	51534	(000000–)	Pin, Clevis, 0.50 Dia. X 2.00 Lg	2
7	35305	(000000–)	Plate, Mount	1
8	10632–19	(000000–)	Grommet, Rbr, 2.12ld, For .12 Matl	1
9	35306	(000000–)	Plate, Hose Mount	1
10	43560	(000000–)	Clamp– Cable, 1.75Dia 0.75Wth	1
11	35426	(000000–)	Actuator Assy	1
12	35279	(000000–)	Cover, Actuator	1
13	34219	(000000–)	Foam, Acoustic 7.75X9.38X1.00	1
14	35278	(000000–)	Pin, Hitch, .62 Dia	1
15	35303	(000000–)	Harness, Wire, Actuator	1

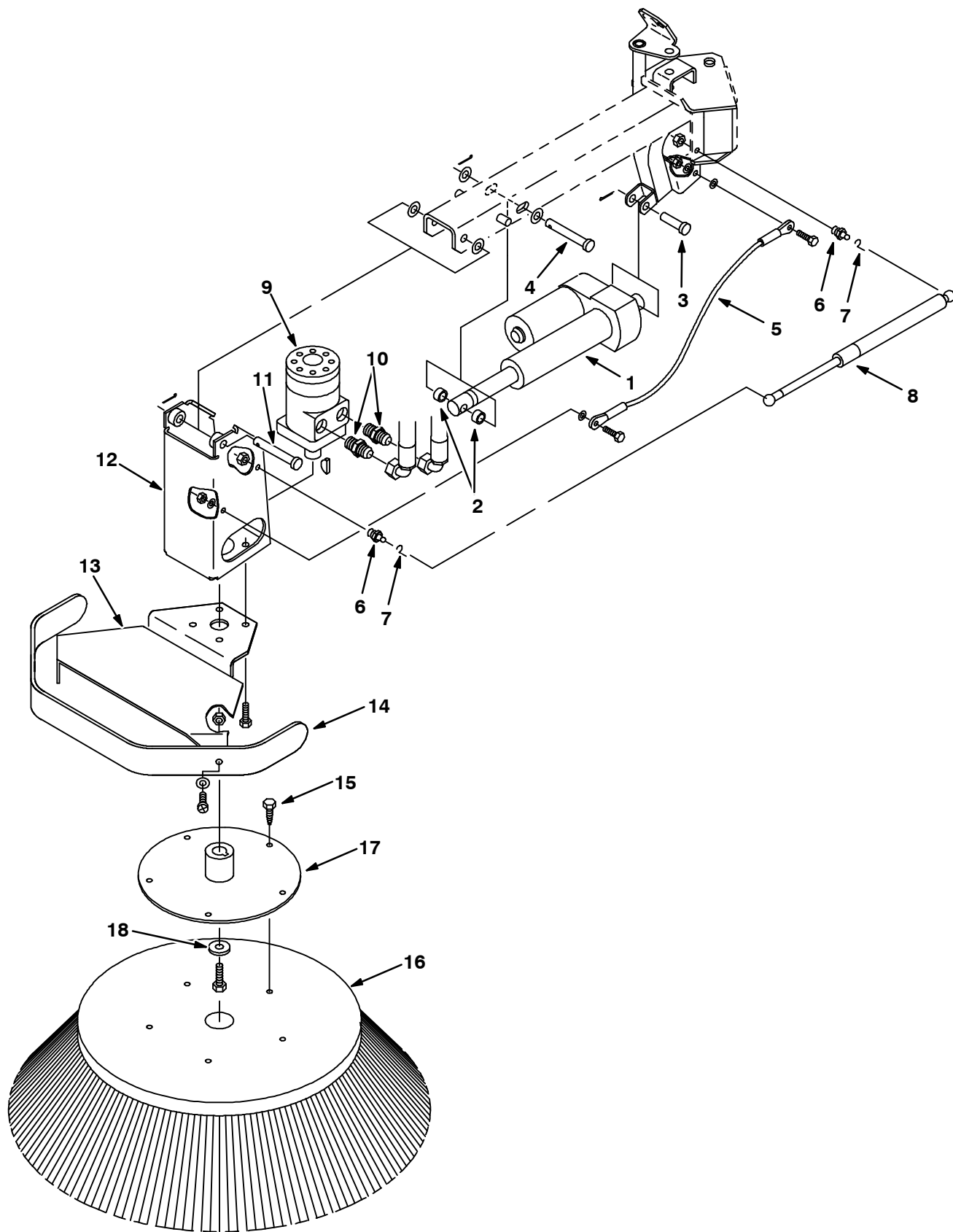


Fig. 31 – Auxiliary Side Brush Group

Fig. 31 – Auxiliary Side Brush Group

Key	TENNANT Part No.	Machine Serial Number	Description	Qty.
1	35297	(000000–)	Actuator, 12 Vdc	1
2	82229	(000000–)	Sleeve, .562B .88D.50 Zinc	2
3	43290	(000000–)	Pin,Clevis,0.50 Dia.X 1.75 Lg	1
4	67290	(000000–)	Pin,Clevis,0.50 Dia.X 3.75 Lg	1
5	35298	(000000–)	Cable, Motor Bracket	1
6	58494	(000000–)	Stud, Ball, Gas Spring	2
7	64595	(000000–)	Clip, Safety	2
8	64535	(000000–)	Spring–Gas 120Lb 7.1 Stroke	1
9	19349	(000000–)	Motor–Hyd Gear In 5.9 B 2500	1
10	47508	(000000–)	Ftg–Hyd Str Jm06/Om10	2
11	51538	(000000–)	Pin,Clevis,0.50 Dia.X 5.00 Lg	1
12	35251	(000000–)	Bracket, Motor Mount	1
13	60743	(000000–)	Bracket, Bumper Support	1
14	51210	(000000–)	Bumper,Side Brush, Spring Steel	1
15	39394	(000000–)	Scr–Lag .31 –09X1.25 Pltd	5
16	51021N	(000000–)	Brush–Side Swp –26 D – Nyl	1
17	35776	(000000–)	Plate Wldt, Support,Side Brush	1
18	19191	(000000–)	Spacer, Hub	1

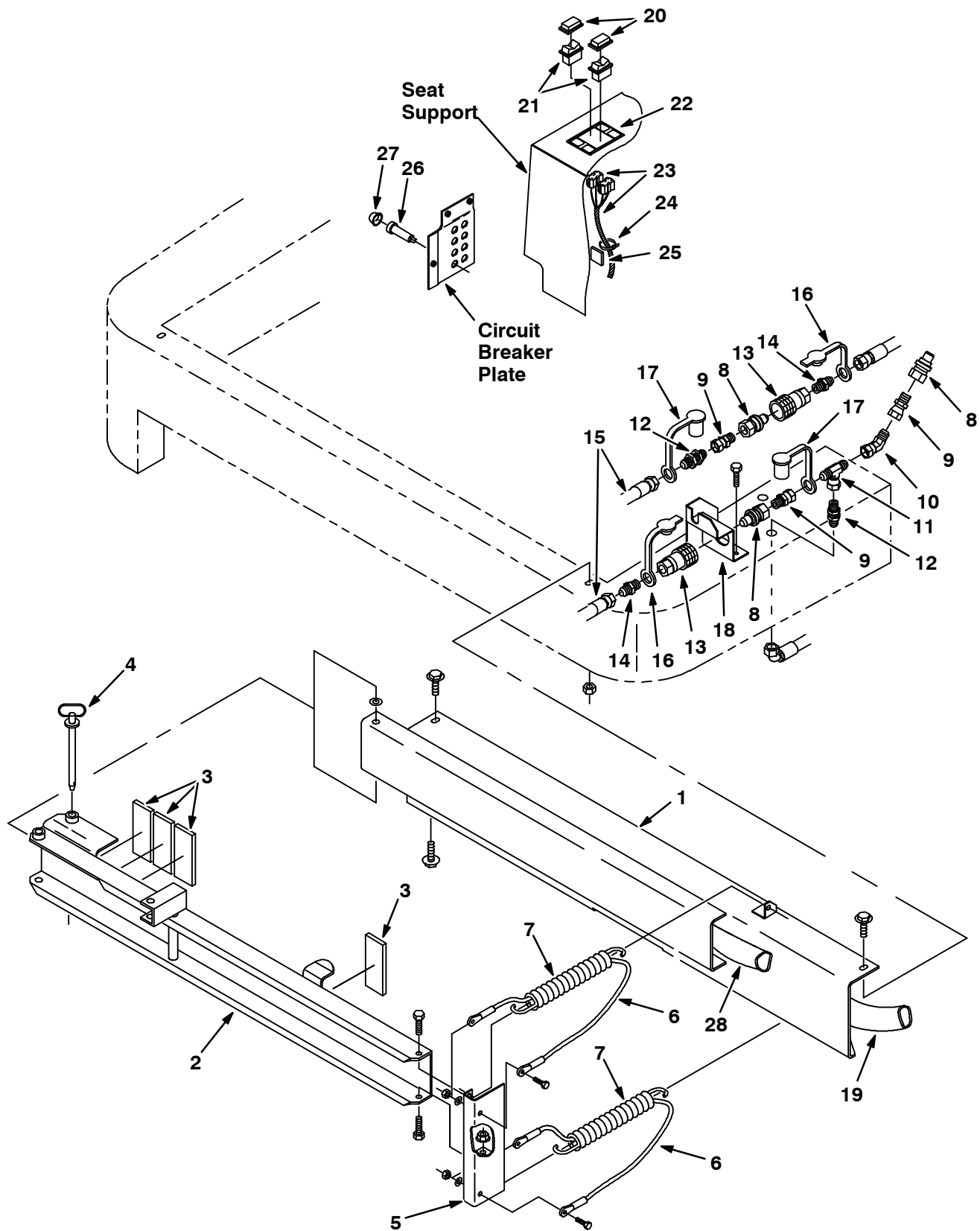


Fig. 32 – Auxiliary Side Brush Bumper and Hydraulics Group

Fig. 32 – Auxiliary Side Brush Bumper and Hydraulics Group

Key	TENNANT Part No.	Machine Serial Number	Description	Qty.
1	35258	(000000–)	Channel Wldt	1
2	35264	(000000–)	Channel Wldt, Cross	1
3	35280	(000000–)	Seal	4
4	35278	(000000–)	Pin, Hitch, .62 Dia	1
5	35313	(000000–)	Bracket Wldt	1
6	35298	(000000–)	Cable, Motor Bracket	2
7	47745	(000000–)	Sprng, Tens, 1.12Odx. 14Wire 6.3L	2
8	16817	(000000–)	Ftg–Hyd Coupling Half Mal Of06	3
9	35432	(000000–)	Ftg–Hyd Str Jf06/Om06	3
10	16472	(000000–)	Ftg–Hyd E45 Jm06/Jf06	1
11	35586	(000000–)	Ftg–Hyd Tee1 Jm06Jfjm	1
12	16864	(000000–)	Ftg–Hyd Str Jm06/Jm06	2
13	16818	(000000–)	Ftg–Hyd Coupling Half Fem Of06	2
14	56690	(000000–)	Ftg–Hyd Str Jm06/Om06	2
15	35951	(000000–)	Hose–Hyd Med06 Jf/J9	2
16	60746	(000000–)	Dust Plug–Hyd, Coupling 06	2
17	60747	(000000–)	Cap, Dust–Hyd Coupling 06	2
18	35429	(000000–)	Bracket Wldt, Hose	1
19	34329	(000000–)	Sleeve–Nyl n #28 20.0L	1
20	57807	(000000–)	Cover, Rocker Switch Seal	2
21	30394	(000000–)	Switch, Rocker Dpdt (Mom)	2
22	35304	(000000–)	Label, Brush Control	1
23	35913	(000000–)	Harness, Wire, Power	1
24	49266	(000000–)	Tie, Cable 1.75D Max7.50Lg	13
25	55248	(000000–)	Cabletie Mount, Adhesive	3
26	57803	(000000–)	Breaker–Circuit, 15 Resetbl	1
27	57751	(000000–)	Boot–Circuit Breaker	1
28	34313	(000000–)	Sleeve, Hyd. Hose 1.75ld X 67.0	1

SECTION 8

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*NOTE: SECTION 8, HYDRAULIC COMPONENTS,
lists repair parts for repairable hydraulic components.*

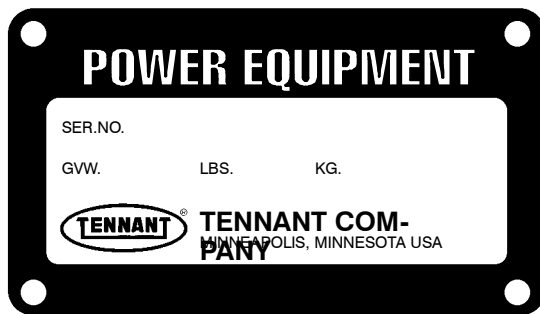
ORDERING REPAIR PARTS

The components used in this machine have been carefully selected for performance and safety. Use only TENNANT specified or equivalent parts.

To receive prompt service in filling of your parts orders, please direct all orders for parts with TENNANT part numbers to the TENNANT, and all orders for parts with vendor part numbers to the local supplier of the respective vendor.

When ordering parts, please furnish all of the following information:

1. Machine model number - shown on the machine data plate.



2. Machine serial number - shown on the machine data plate.
3. Power source - gasoline, LPG, diesel, electric.
4. Company name.
5. Shipping address.
6. Billing address.
7. Name, first and last - of person ordering parts.
8. Telephone number.
9. Purchase order number.
10. Part number, description, and quantity - of each item on the order.
11. Customer ID Number.

Do not order parts by key number or the figure number of the illustrated parts. Indented items indicate parts of assemblies. Standard hardware is furnished only when part of a purchased assembly. Please get hardware from a local hardware supplier.

If the old part cannot be identified, send it to us with the quantity needed specified on the order.

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

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

SERIAL NUMBER INFORMATION EXPLANATION

Serial number listings are shown to indicate on which machines each part can be used. These listings are explained by the following examples:

(000000—) The part can be used on all machines.

(003342—) The part can be used on all machines beginning with the serial number listed.

(000000—004320) The part can be used on all machines up to and including serial number listed.

(004321—005678) The part can be used on all machines between and including the serial numbers listed.

Where xxxxxx's are listed in place of a serial number, it indicates a change was made but the exact serial number had not been established when the catalog went to press.

**SI UNITS OF MEASURE
(INTERNATIONAL SYSTEM)**

Metric equivalents have been included, where applicable, throughout this parts catalog.

FASTENER STRENGTH IDENTIFICATION

Fasteners required to have high—strength qualities equivalent to SAE Grade 8 are identified throughout this catalog by the description GR 8. Unless identified by this description, all standard fasteners are SAE Grade 5.

(Specifications and design subject to change without notice.)

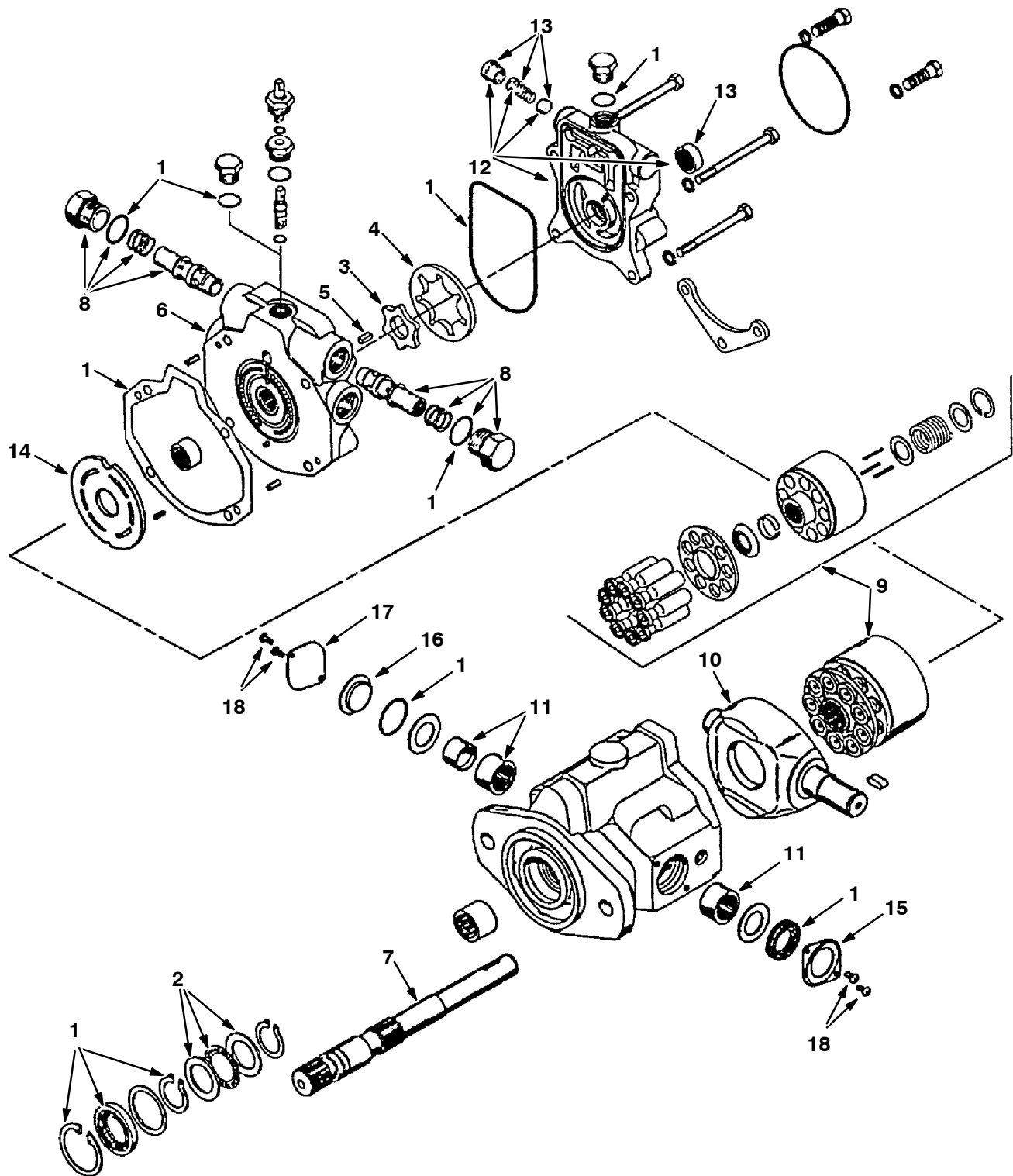
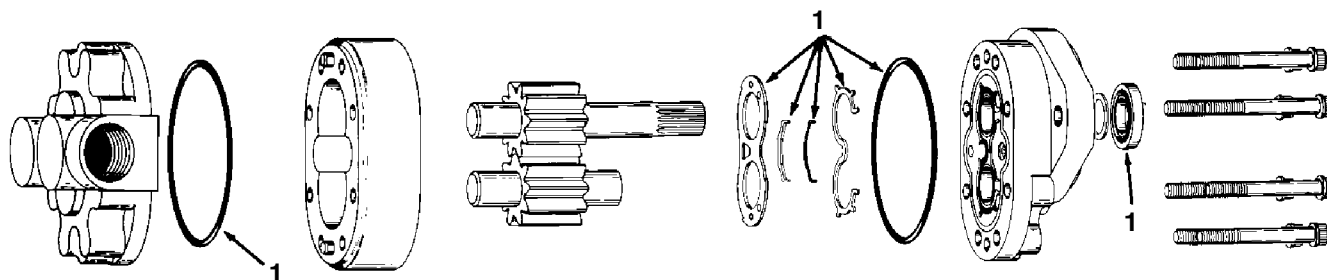


Fig. 1 – Hydraulic Pump Breakdown, 35730

Fig. 1 -- Hydraulic Pump Breakdown, 35730

Key	TENNANT Part No.	Manufacturer Serial Number	Description	Qty.
	35730	(000000--)	Pump, Hyd Piston	1
1	61881	(000000--)	Seal Kit En	1
2	37467	(000000--)	Brg.Repair Kit Ce	1
3	61877	(000000--)	Inner Gerotor En	1
4	61878	(000000--)	Outer Gerotor En	1
5	61879	(000000--)	Key En	1
6	61880	(000000--)	Backplate En	1
7	34094	(000000--)	Drive Shaft Ce	1
8	34160	(000000--)	Relief Valve Ce	1
9	61882	(000000--)	Rotating Kit En	1
10	61883	(000000--)	Cam Plate En	1
11	34097	(000000--)	Bearing & Inner Race	2
12	61876	(000000--)	Chg.Pmp.Adaptor En	1
13	55936	(000000--)	Valve Kit, Relief, Chrg Pump	1
14	61886	(000000--)	Valve Plate En	1
15	61888	(000000--)	Cover Seal En	1
16	61889	(000000--)	O-Ring Cover En	1
17	61890	(000000--)	Trunion Cover En	1
18	61891	(000000--)	Screws En	4



06762

Fig. 2 – Accessories Pump Breakdown, 35490

Key	TENNANT Part No.	Manufacturer Serial Number	Description	Qty.
1	35490	(000000 –)	Pump–Hyd, Gear Ex 1.37 2500	1
	57064	(000000 –)	Seal Kit,Pump Ce	1

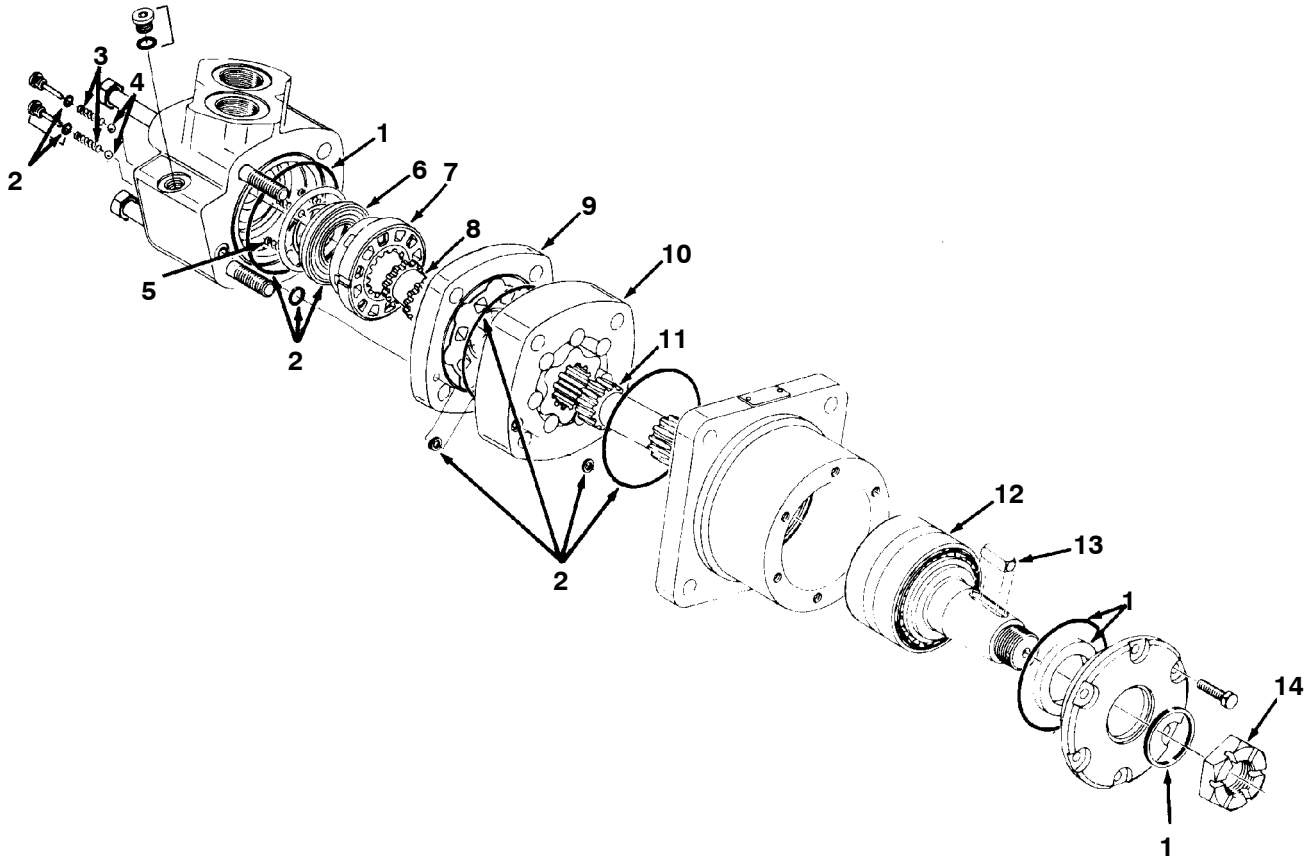


Fig. 3 – Motor Breakdown, 75025

01655

Key	TENNANT Part No.	Manufacturer Serial Number	Description	Qty.
	75025	(000000–)	Motor, Propelling	1
1	SK1547	(000000–)	Seal Kit, Shaft	1
2	SK1614	(000000–)	Seal Kit, Overhaul	1
3	34179	(000000–)	Spring	2
4	37766	(000000–)	Ball, Steel	3
5	34178	(000000–)	Spring	3
6	37723	(000000–)	Plate, Balance	1
7	34185	(000000–)	Valve	1
8	34183	(000000–)	Drive, Valve	1
9	34184	(000000–)	Plate, Valve	1
10	34182	(000000–)	Gerotor	1
11	34181	(000000–)	Drive	1
12	34180	(000000–)	Shaft and Bearing Kit	1
13	45623	(000000–)	Key	1
14	45622	(000000–)	Nut	1

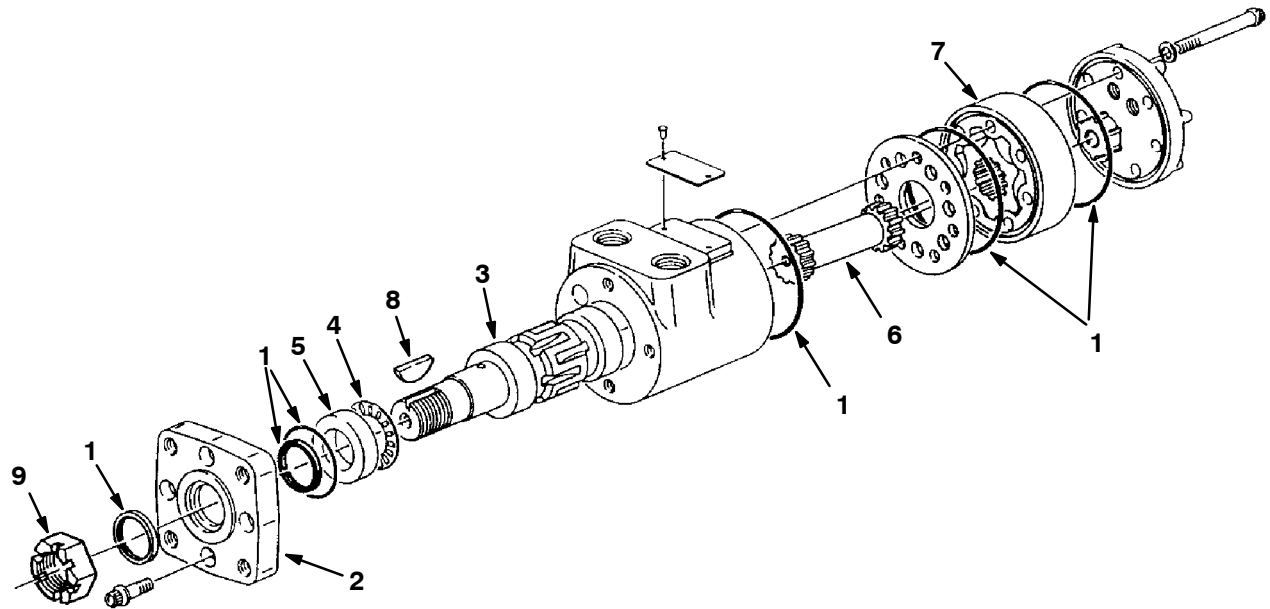


Fig. 4 -- Hydraulic Motor Breakdown, 27800

05347

Key	TENNANT Part No.	Manufacturer Serial Number	Description	Qty
	27800	(000000—)	Motor, Hydraulic	1
1	28835	(000000—)	Seal Kit	1
2	31354	(000000—)	Flange, Mounting	1
	31374	(000000—)	Output Shaft Assembly	1
3	31375	(000000—)	Shaft, Output	1
4	45628	(000000—)	Bearing	1
5	16695	(000000—)	Race, Thrust	1
6	31380	(000000—)	Drive	1
7	31383	(000000—)	Gerotor Set	1
8	00500-15	(000000—)	Key, Woodruff	1
9	39527	(000000—)	Nut, slotted Hex	1

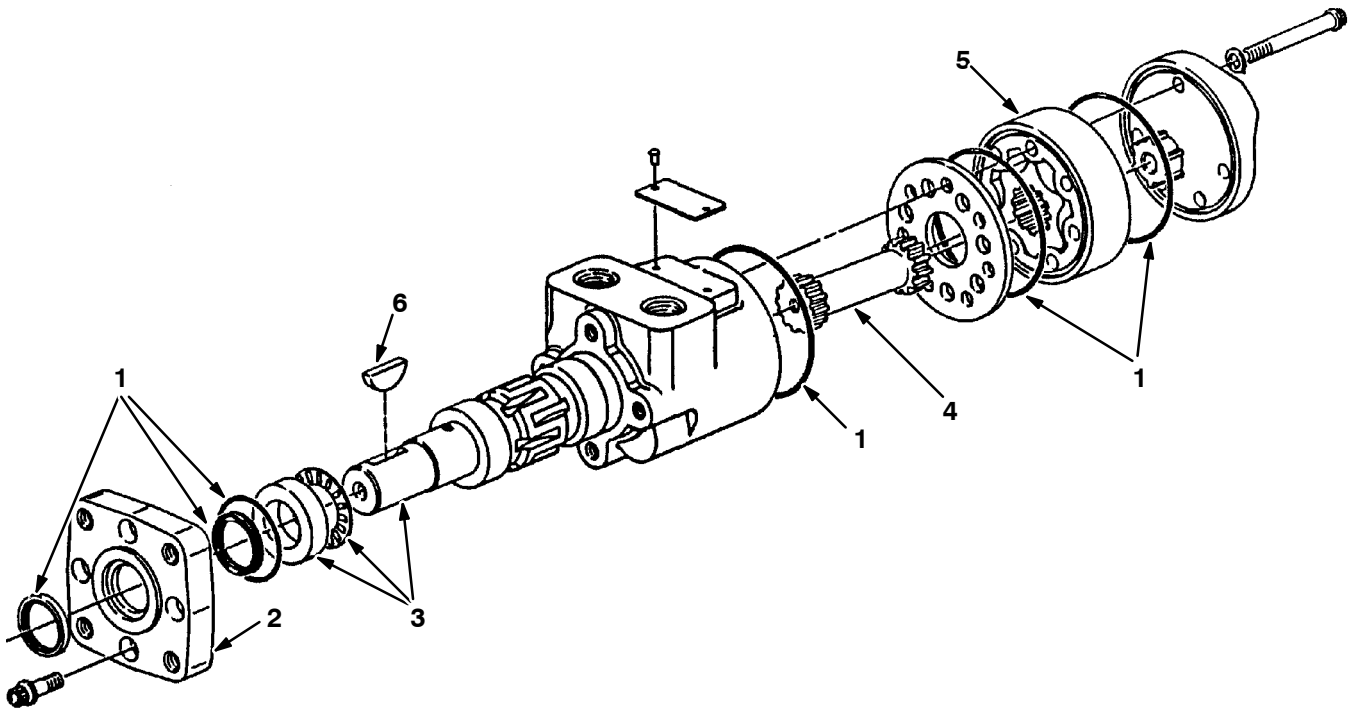


Fig. 5 – Hydraulic Motor Breakdown, 19349

05188

Key	TENNANT Part No.	Manufacturer Serial Number	Description	Qty.
	19349	(000000–)	Motor, Hydraulic	1
1	28835	(000000–)	Seal, Kit	1
2	31354	(000000–)	Flange, Mounting	1
3	28853	(000000–)	Shaft Assembly, Output	1
4	34172	(000000–)	Drive	1
5	57542	(000000–)	Gerotor Set	1
6	00500–15	(000000–)	Key, Woodruff	1

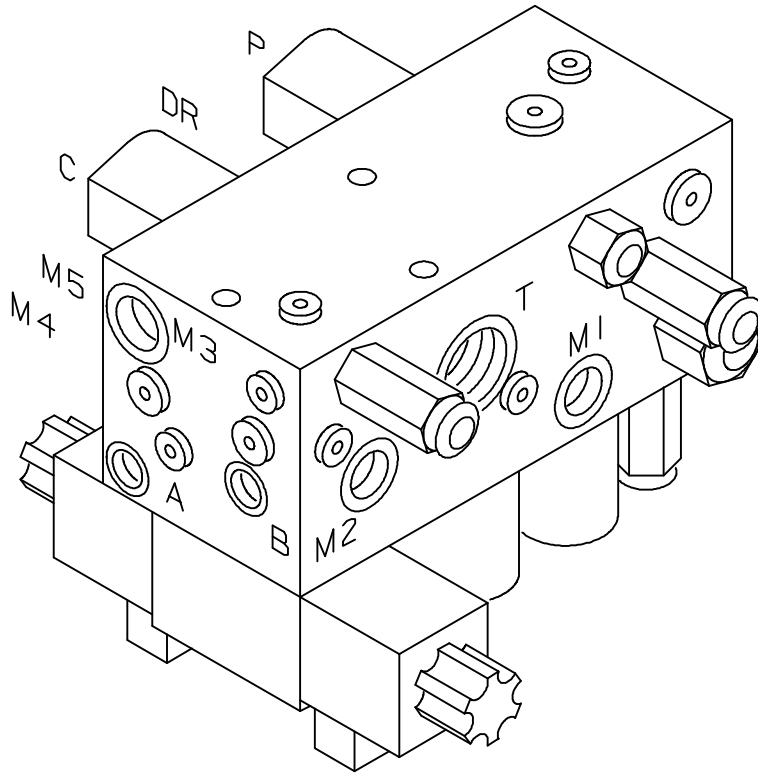


Fig. 6 – Hydraulic Solenoid Valve Breakdown, 35491

06765

Key	TENNANT Part No.	Manufacturer Serial Number	Description	Qty.
	35491	(000000–)	Valve–Hyd, Solenoid	1
1	35494	(000000–)	Cart,Pri.Flowreg Cp	1
2	35495	(000000–)	Cart,Difrel.Cp	1
3	35496	(000000–)	Cart,Po Rel.Cp	1
4	35050	(000000–)	Logic Valve Cp	1
5	13894	(000000–)	Flow Control1 Cp	1
6	13899	(000000–)	Reliefvlv3&4 Cp	1
7	02607	(000000–)	Valve Cartrdg Cp	4
8	25629	(000000–)	Valve,Stem–4Way Cp	1
9	35497	(000000–)	Valve Stem N.O. Cp	1
10	35493	(000000–)	Coil Assy 12Vdc Cp	6
11	13909	(000000–)	Valve Assy Ph Cp	1
12	33932	(000000–)	Nut–Hxlocnyln M 4X0.7 Reg Ss	2
13	13902	(000000–)	Plug #2 Cp	7
14	13903	(000000–)	Plug, Gage #4 Cp	5
15	13904	(000000–)	Plug, Gage #6 Cp	5
16	13891	(000000–)	Seal Kit–Prtl Cp	1
17	13893	(000000–)	Seal Kit–Comp Cp	1

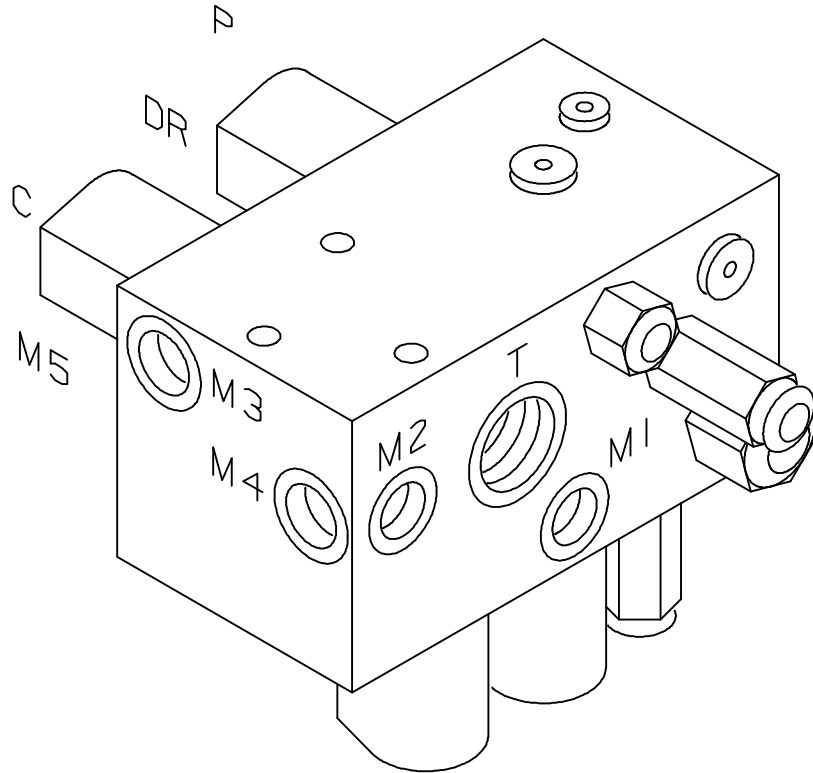


Fig. 7 – Hydraulic Solenoid Valve Breakdown, 35492

06763

Key	TENNANT Part No.	Manufacturer Serial Number	Description	Qty.
	35492	(000000–)	Valve Hyd, Solenoid	1
1	35494	(000000–)	Cart,Pri.Flowreg Cp	1
2	35495	(000000–)	Cart,Difrel.Cp	1
3	35496	(000000–)	Cart,Po Rel.Cp	1
4	35050	(000000–)	Logic Valve Cp	1
5	13894	(000000–)	Flow Control1 Cp	1
6	02607	(000000–)	Valve Cartrdg Cp	4
7	25629	(000000–)	Valve,Stem–4Way Cp	1
8	35497	(000000–)	Valve Stem N.O. Cp	1
9	35493	(000000–)	Coil Assy 12Vdc Cp	6
10	13902	(000000–)	Plug #2 Cp	5
11	13903	(000000–)	Plug, Gage #4 Cp	1
12	13904	(000000–)	Plug, Gage #6 Cp	4
13	13891	(000000–)	Seal Kit–Prtl Cp	1
14	13893	(000000–)	Seal Kit–Comp Cp	1

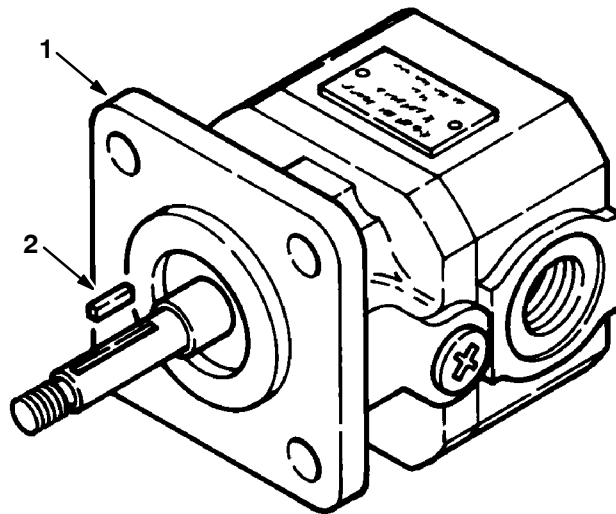
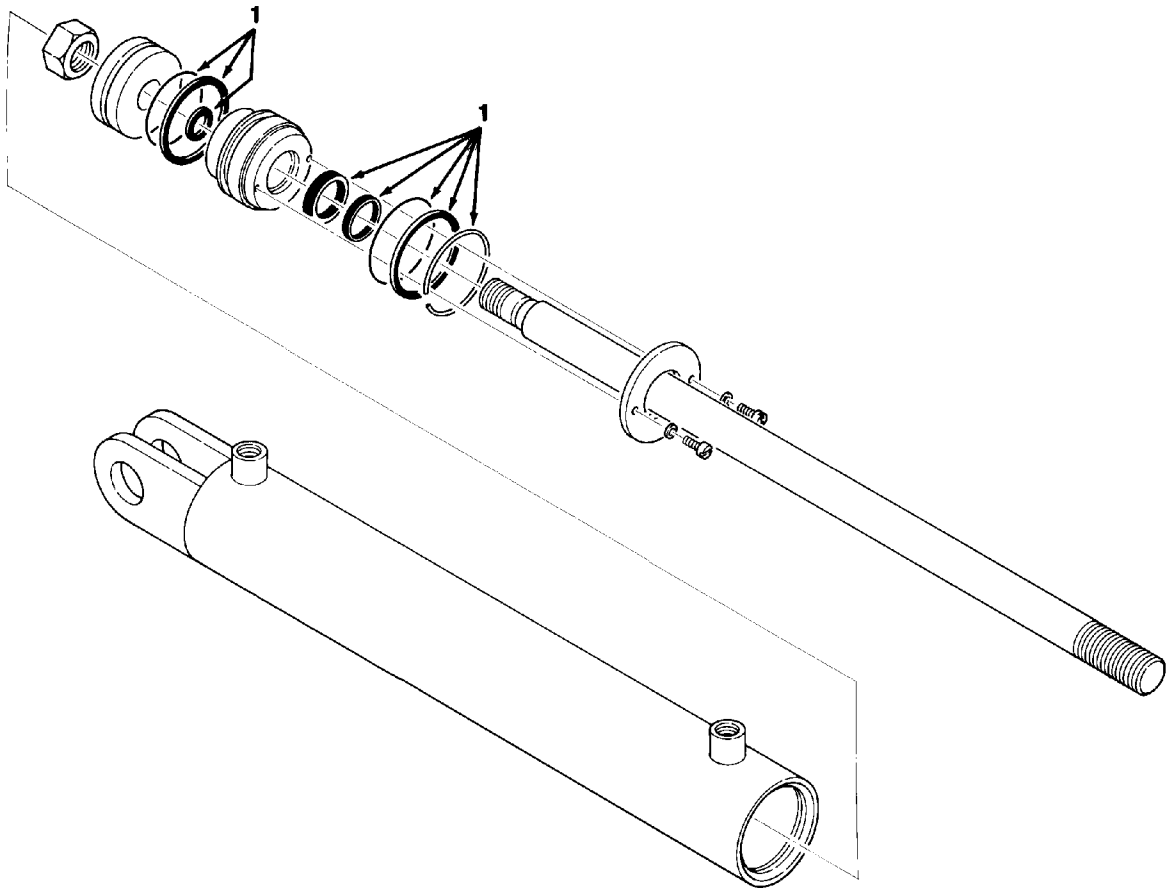


Fig. 8 – Motor Breakdown, 77101

02613

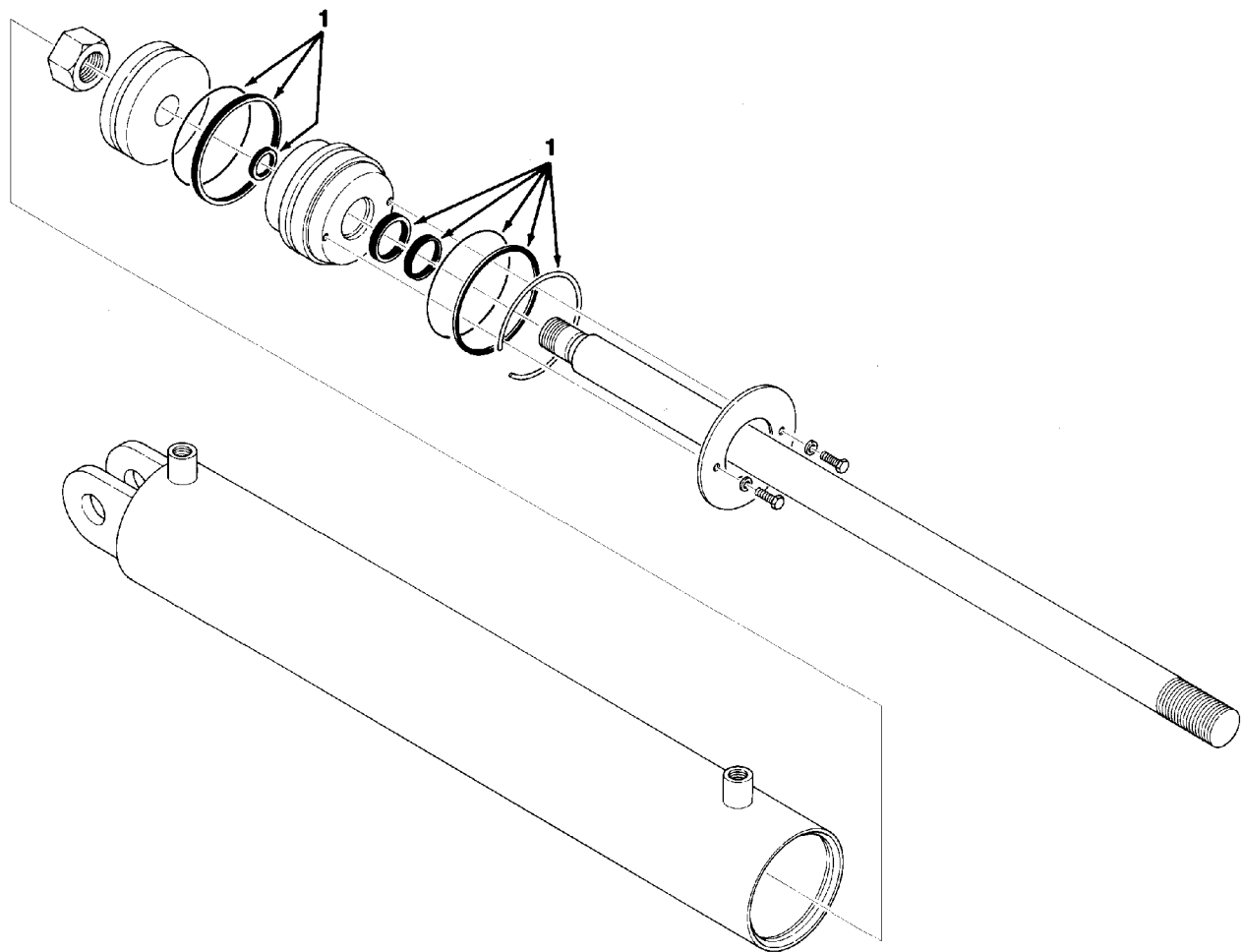
Key	TENNANT Part No.	Manufacturer Serial Number	Description	Qty.
1	77101	(000000–)	Motor, Hydraulic	1
	SK2561	(000000–)	Seal Kit	1
2	00966	(000000–)	Key, Square	1



02819

Fig. 9 – Cylinder Breakdown, 04443

Key	TENNANT Part No.	Manufacturer Serial Number	Description	Qty.
1	04443	(000000 –)	Cylinder, Hydraulic	1
	04477	(000000 –)	Seal Kit	1



02820

Fig. 10 – Cylinder Breakdown, 34326

Key	TENNANT Part No.	Manufacturer Serial Number	Description	Qty.
1	34326	(000000 –)	Cylinder, Hydraulic	1
	34779	(000000 –)	Seal Kit	1

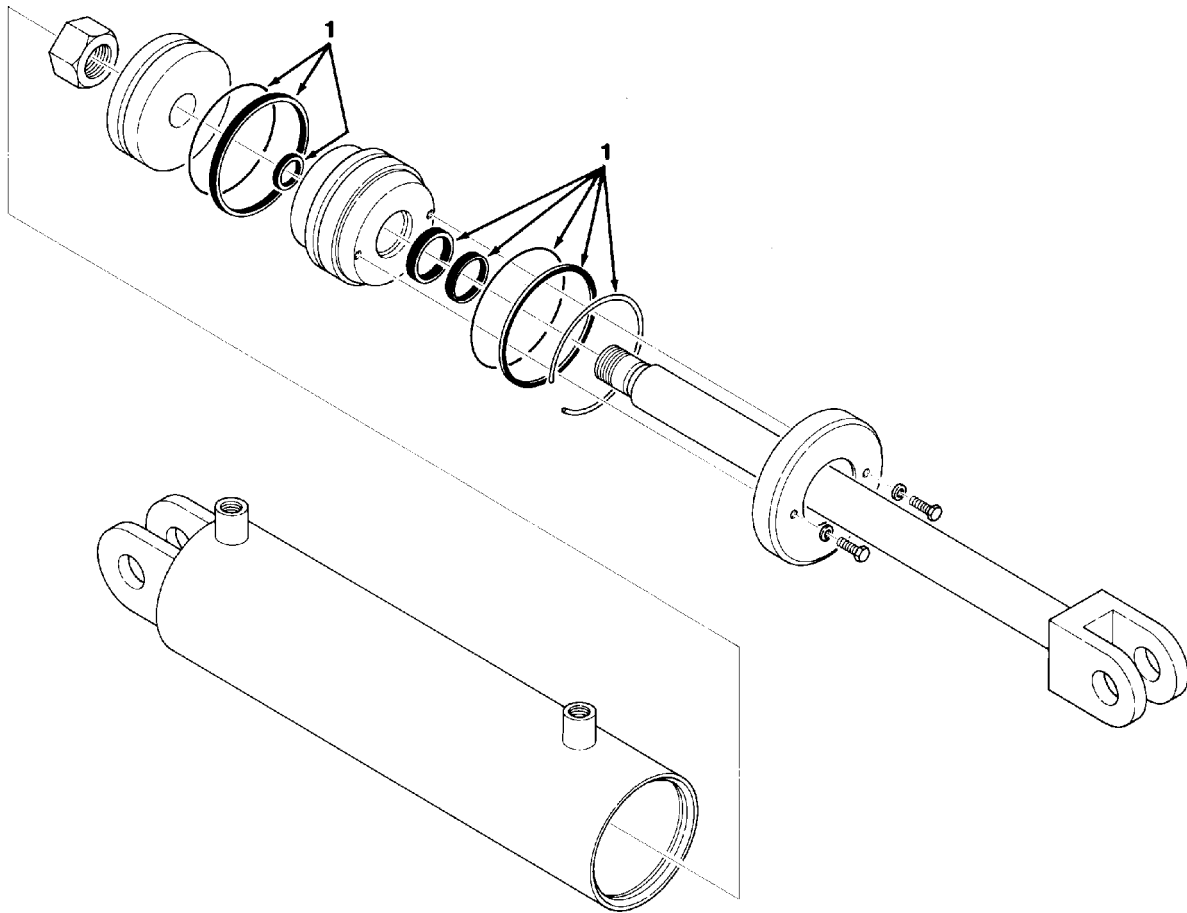


Fig. 11 – Cylinder Breakdown, 34327

02821

Key	TENNANT Part No.	Manufacturer Serial Number	Description	Qty.
1	34327	(000000 –)	Cylinder, Hydraulic	1
	34781	(000000 –)	Seal Kit	1

SECTION 9

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NOTE: SECTION 9, ENGINE PARTS, DIESEL KUBOTA, lists repair parts for diesel powered engines, TENNANT part number 25070.

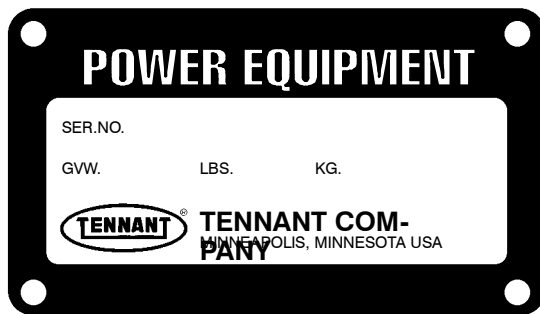
ORDERING REPAIR PARTS

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4. Company name.
5. Shipping address.
6. Billing address.
7. Name, first and last - of person ordering parts.
8. Telephone number.
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10. Part number, description, and quantity - of each item on the order.
11. Customer ID Number.

Do not order parts by key number or the figure number of the illustrated parts. Indented items indicate parts of assemblies. Standard hardware is furnished only when part of a purchased assembly. Please get hardware from a local hardware supplier.

If the old part cannot be identified, send it to us with the quantity needed specified on the order.

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

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

SERIAL NUMBER INFORMATION EXPLANATION

Serial number listings are shown to indicate on which machines each part can be used. These listings are explained by the following examples:

(000000—) The part can be used on all machines.

(003342—) The part can be used on all machines beginning with the serial number listed.

(000000—004320) The part can be used on all machines up to and including serial number listed.

(004321—005678) The part can be used on all machines between and including the serial numbers listed.

Where xxxxxx's are listed in place of a serial number, it indicates a change was made but the exact serial number had not been established when the catalog went to press.

**SI UNITS OF MEASURE
(INTERNATIONAL SYSTEM)**

Metric equivalents have been included, where applicable, throughout this parts catalog.

FASTENER STRENGTH IDENTIFICATION

Fasteners required to have high—strength qualities equivalent to SAE Grade 8 are identified throughout this catalog by the description GR 8. Unless identified by this description, all standard fasteners are SAE Grade 5.

(Specifications and design subject to change without notice.)

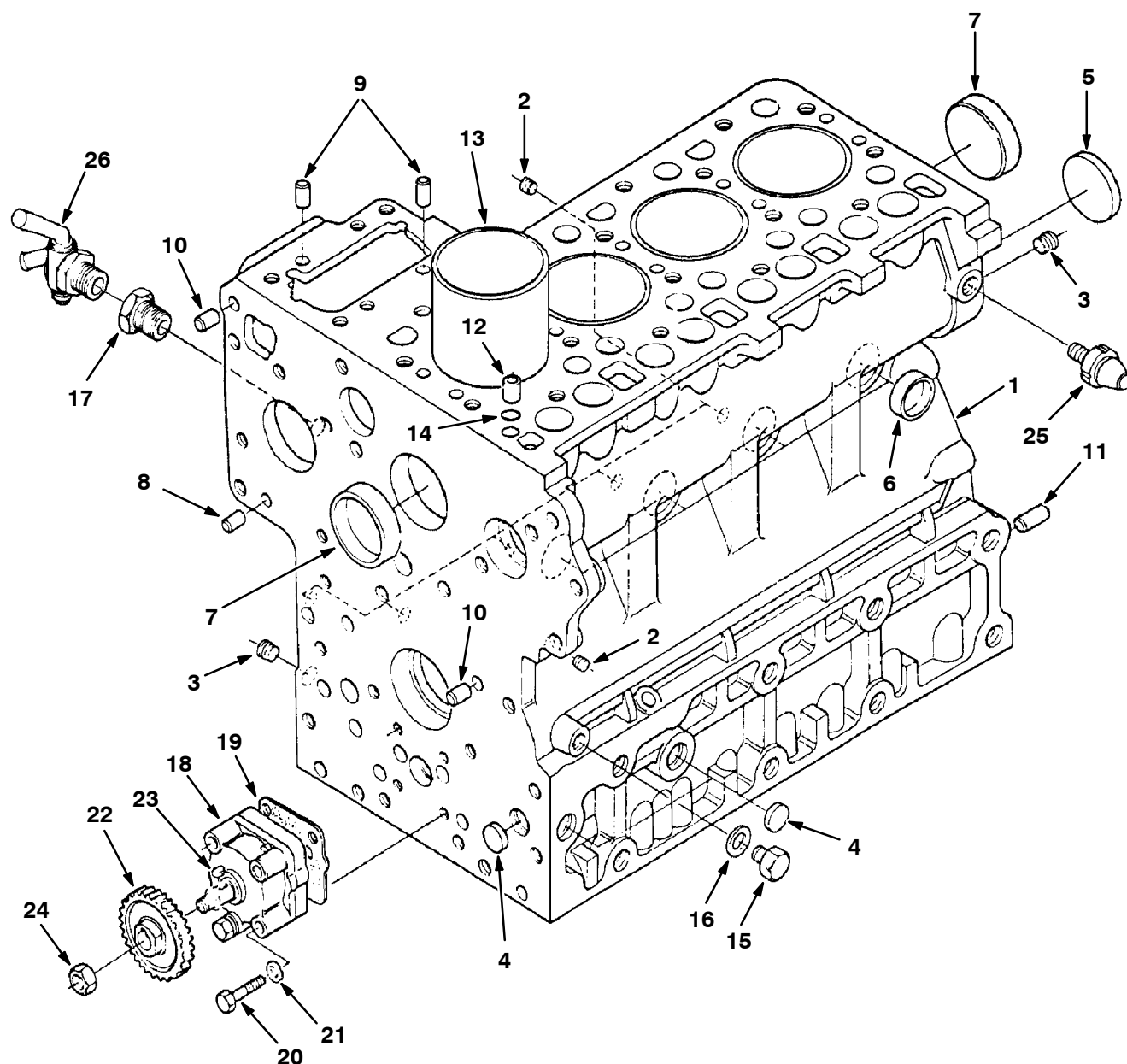


Fig. 1 – Engine Block Group

Fig. 1 – Engine Block Group

Key	TENNANT Part No.	Kubota Part Number	Engine Serial Number	Description	Qty.
1	41786	15476-0101-0	(000000-)	Crankcase Assembly	1
2	39051	15521-9602-0	(000000-)	Plug	6
3	39052	15521-9603-0	(000000-)	Plug	2
4	30071	06311-75018	(000000-)	Plug	3
5	30070	06311-75045	(000000-)	Plug	1
6	39054	15221-0338-0	(000000-)	Cap, Sealing	6
7	39055	15221-0339-0	(000000-)	Cap, Sealing	2
8	39056	05012-00408	(000000-)	Pin, Straight	2
9	39057	05012-00609	(000000-)	Pin, Straight	2
10	39058	05012-00612	(000000-)	Pin, Straight	2
11	39059	05012-01018	(000000-)	Pin, Straight	1
12	39060	15221-3365-0	(000000-)	Pin, Pipe	1
13	30067	15521-0231-0	(000000-)	Liner, Cylinder	4
14	39063	15221-3370-0	(000000-)	O-ring	1
15	39062	15221-3361-0	(000000-)	Plug	1
16	10895	15021-3366-0	(000000-)	Gasket	1
17	39061	15291-7316-0	(000000-)	Joint	1
18	30068	15471-3501-0	(000000-)	Pump Assembly	1
19	12709	15221-3515-0	(000000-)	Gasket	1
20	41789	01053-50650	(000000-)	Bolt	4
21	39065	04512-50060	(000000-)	Washer, Spring	4
22	39066	19202-3566-0	(000000-)	Gear, Oil Pump	1
23	39067	05712-00410	(000000-)	Key, Feather	1
24	41788	15221-3568-2	(000000-)	Nut	1
25	87940	15841-3901-0	(000000-)	Switch, Oil	1
26	41787	15575-7310-0	(000000-)	Cock, Drain	1

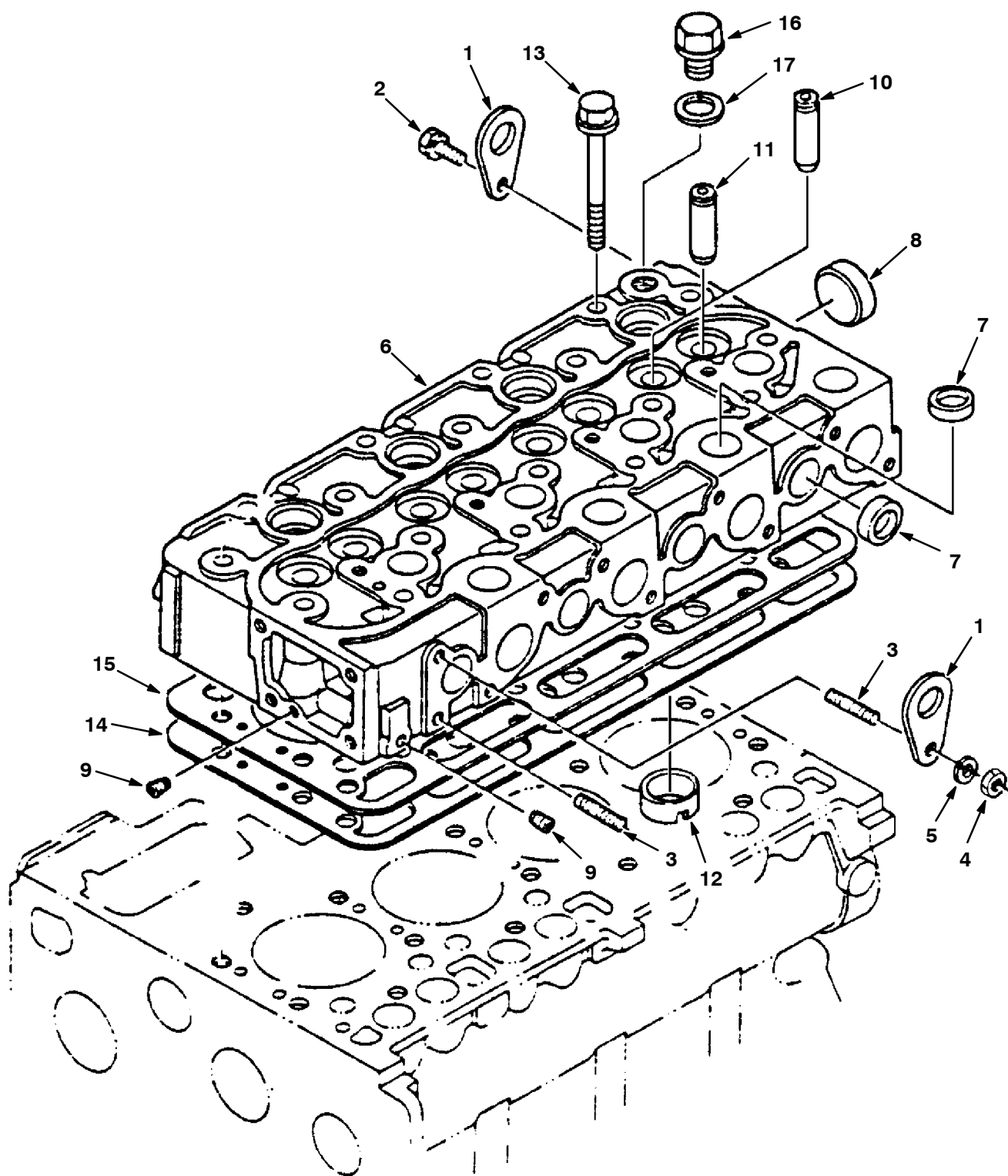


Fig. 2 – Cylinder Head Group

Fig. 2 – Cylinder Head Group

Key	TENNANT Part No.	Kubota Part Number	Engine Serial Number	Description	Qty.
1	39093	15221-0175-0	(000000-)	Hook, Engine	2
2	39094	01123-50816	(000000-)	Bolt	1
3	41794	15471-9153-0	(000000-)	Stud	2
4	39096	02156-50080	(000000-)	Nut	1
5	39097	04512-50080	(000000-)	Washer, Spring	1
6	41795	15476-0304-3	(000000-)	Head Assembly	1
7	30053	15221-0337-0	(000000-)	Cap, Sealing	12
8	39087	15221-0349-0	(000000-)	Cap, Sealing	1
9	39088	15261-9601-0	(000000-)	Plug	2
10	39089	15221-1358-0	(000000-)	Guide, Valve	4
11	31291	17321-1356-0	(000000-)	Guide, Valve	4
12	31292	15521-0314-0	(000000-)	Combustion Chamber	4
13	39090	19202-0345-0	(000000-)	Bolt, Cylinder Head	18
14	41796	15808-0331-0	(000000-)	Gasket, Cylinder	1
15	41797	15476-0332-0	(000000-)	Shim, Cylinder	1
16	39098	15000-3608-0	(000000-)	Plug	1
17	39099	04717-01600	(000000-)	Washer, Seal	1

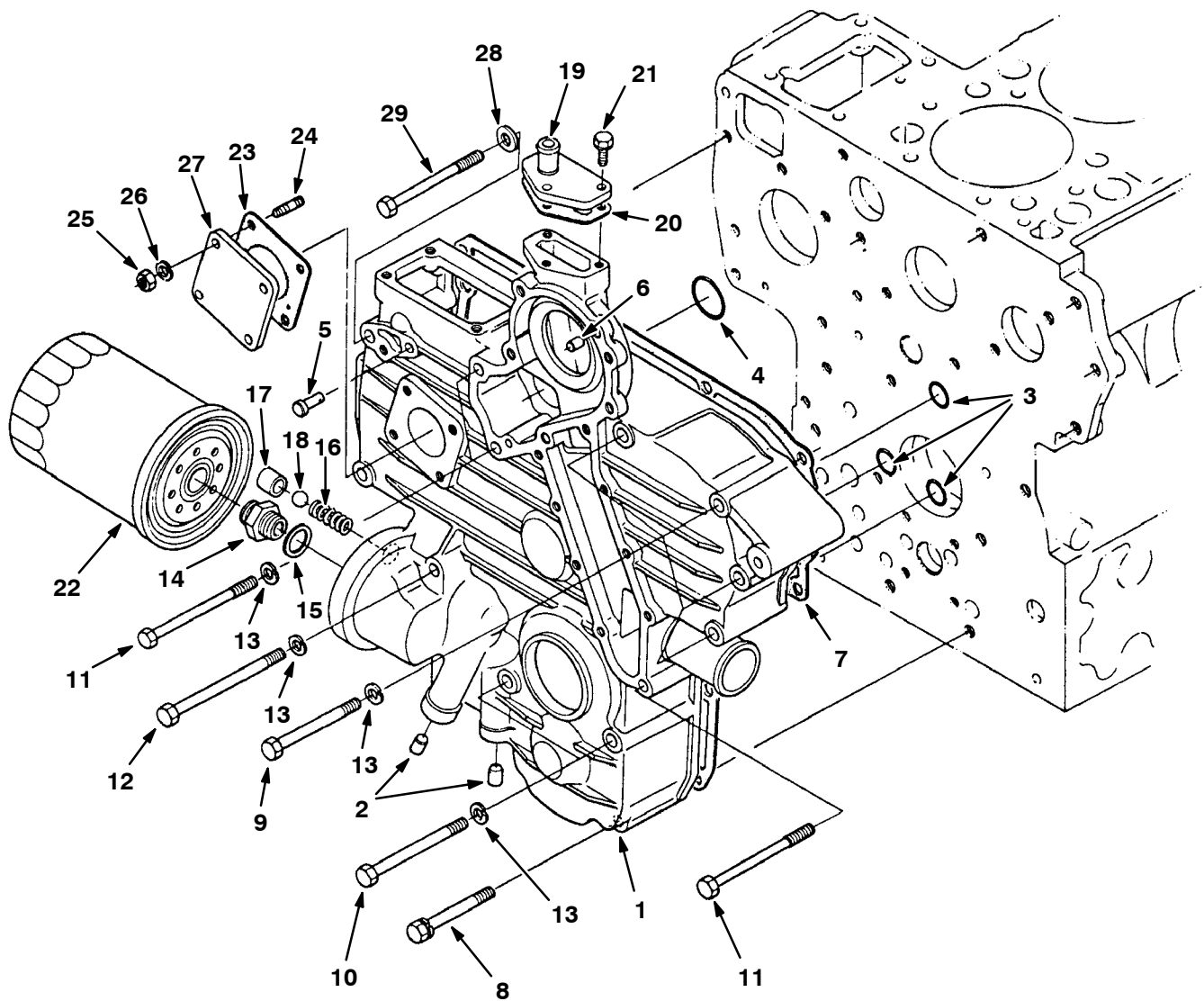


Fig. 3 – Gear Case Group

Fig. 3 – Gear Case Group

Key	TENNANT Part No.	Kubota Part Number	Engine Serial Number	Description	Qty.
1	31293	15521-0402-2	(000000-)	Gear Case Assembly	1
2	31294	15261-9602-0	(000000-)	Plug, Pin	2
3	39103	04811-00150	(000000-)	O-ring	3
4	39104	04811-00360	(000000-)	O-ring	1
5	39105	15221-5628-0	(000000-)	Pin, Spring	1
6	39058	05012-00612	(000000-)	Pin, Straight	2
7	41798	15521-0413-3	(000000-)	Gasket	1
8	39106	01123-50860	(000000-)	Bolt	2
9	39107	01153-50870	(000000-)	Bolt	5
10	39109	01153-50880	(000000-)	Bolt	2
11	31299	17367-9102-0	(000000-)	Bolt	3
12	39112	01153-50895	(000000-)	Bolt	2
13	39097	04512-50080	(000000-)	Washer, Spring	9
14	39113	15521-3229-0	(000000-)	Joint, Pipe	1
15	39114	04011-50180	(000000-)	Washer, Plain	1
16	39115	15241-3695-0	(000000-)	Spring	1
17	39116	15521-3693-0	(000000-)	Seat, Valve	1
18	39117	07715-03213	(000000-)	Ball	1
19	39118	15521-7332-0	(000000-)	Flange	1
20	10903	15521-7333-0	(000000-)	Gasket	1
21	39119	01023-50620	(000000-)	Bolt	3
22	31328	17321-3243-0	(000000-)	Cartridge, Oil Filter	1
23	12796	15221-8813-0	(000000-)	Gasket	1
24	39120	15221-8821-0	(000000-)	Stud	4
25	39121	02056-50060	(000000-)	Nut	4
26	39065	04512-50060	(000000-)	Washer, Spring	4
27	39122	15223-8334-0	(000000-)	Cover	1
28	39148	04012-50080	(000000-)	Washer, Plain	1
29	31298	17367-9101-0	(000000-)	Bolt	1

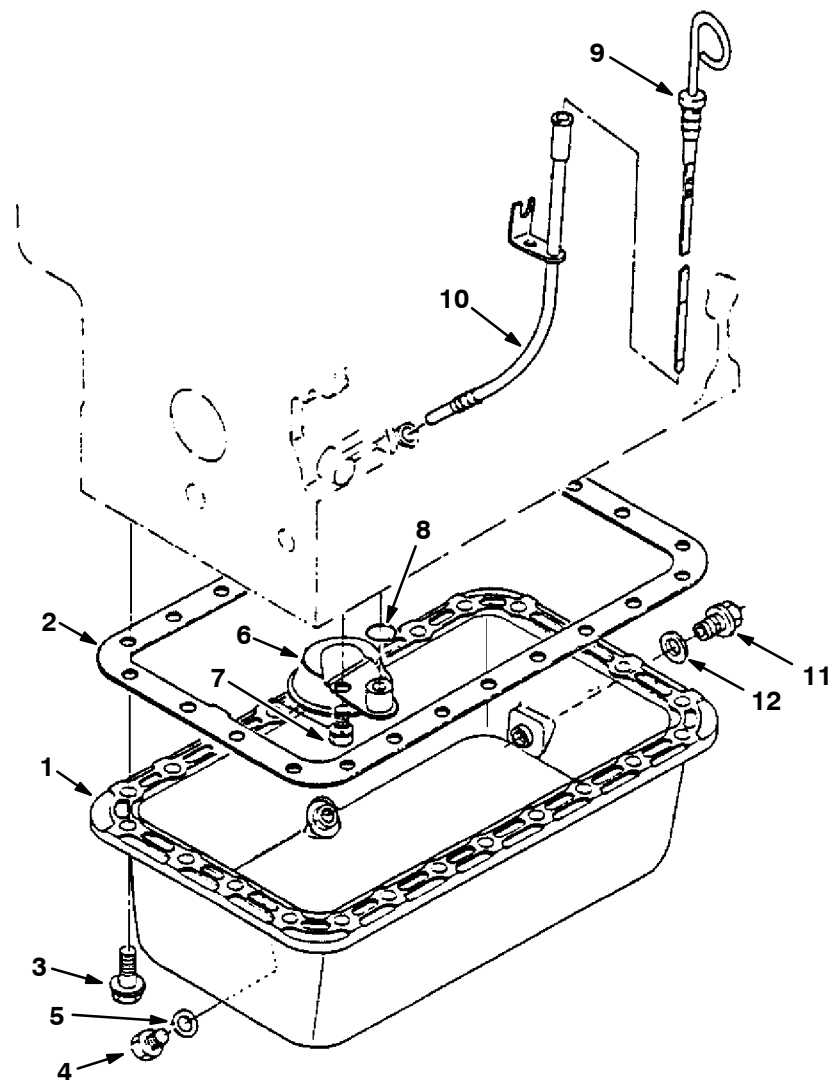


Fig. 4 – Oil Pan Group

05646

Key	TENNANT Part No.	Kubota Part Number	Engine Serial Number	Description	Qty.
1	41790	15434-0161-0	(000000-)	Oil Pan	1
2	41791	15469-0162-0	(000000-)	Gasket, Pan	1
3	31286	17333-9101-0	(000000-)	Bolt	24
4	30051	15221-3375-0	(000000-)	Plug	1
5	10906	70000-6525-9	(000000-)	Gasket	1
6	31289	15628-3211-0	(000000-)	Filter, Oil	1
7	39094	01123-50816	(000000-)	Bolt	1
8	41792	04811-00160	(000000-)	O-ring	1
9	41793	15471-3641-0	(000000-)	Gauge, Oil	1
10	31290	15471-3642-0	(000000-)	Guide, Oil Gauge	1
11	31287	15951-3375-0	(000000-)	Plug, Drain	1
12	31288	04724-00160	(000000-)	Gasket	1

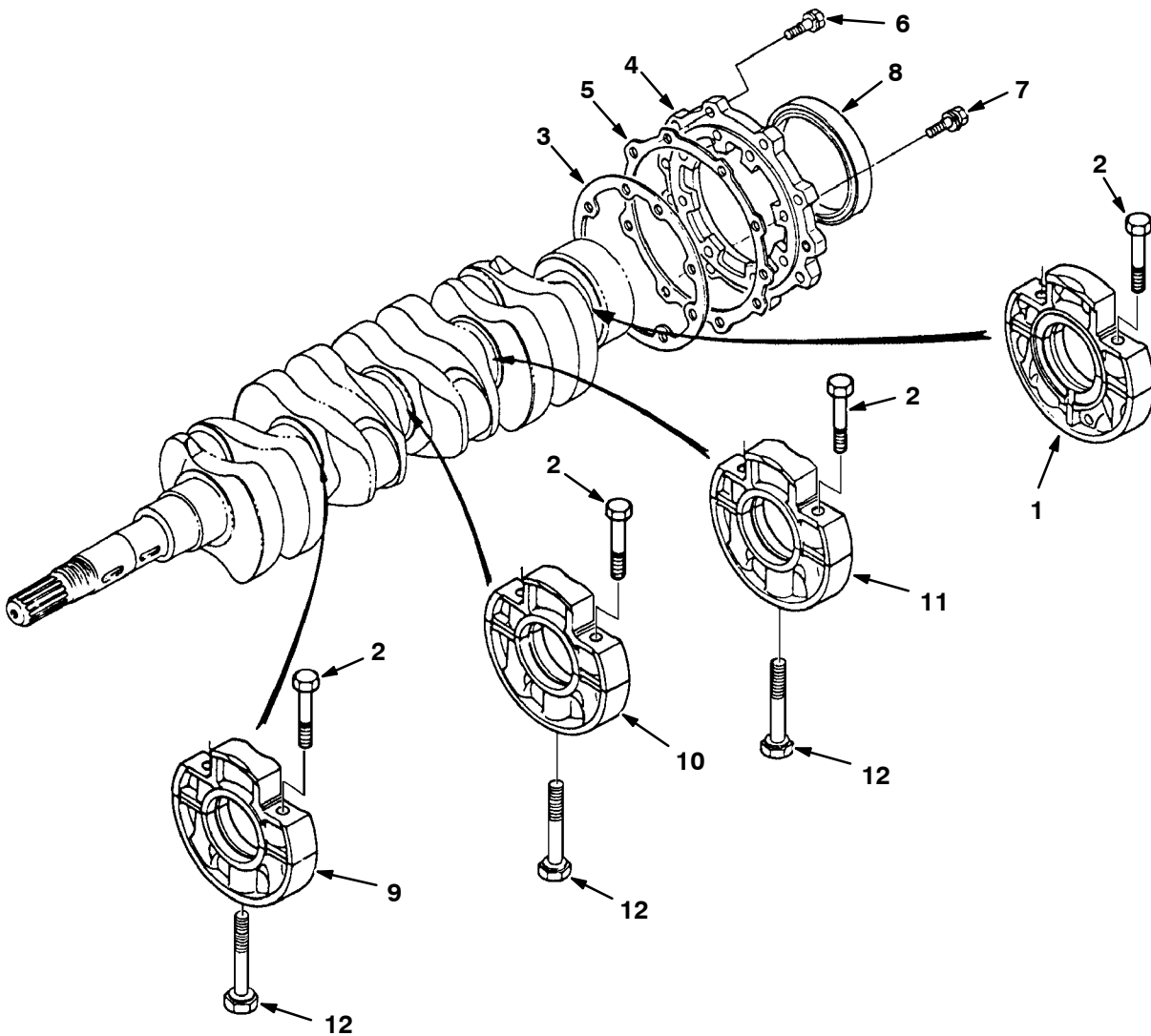
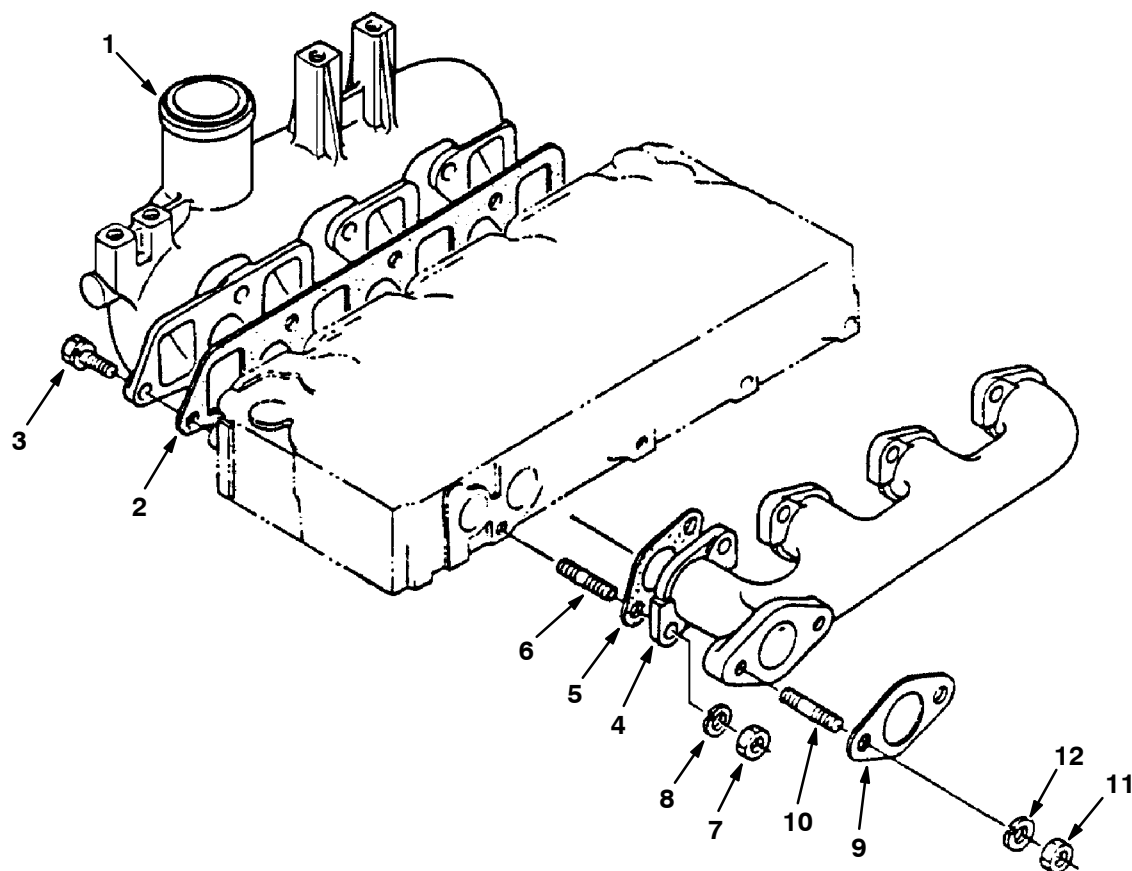


Fig. 5 – Main Bearing Case Group

05649

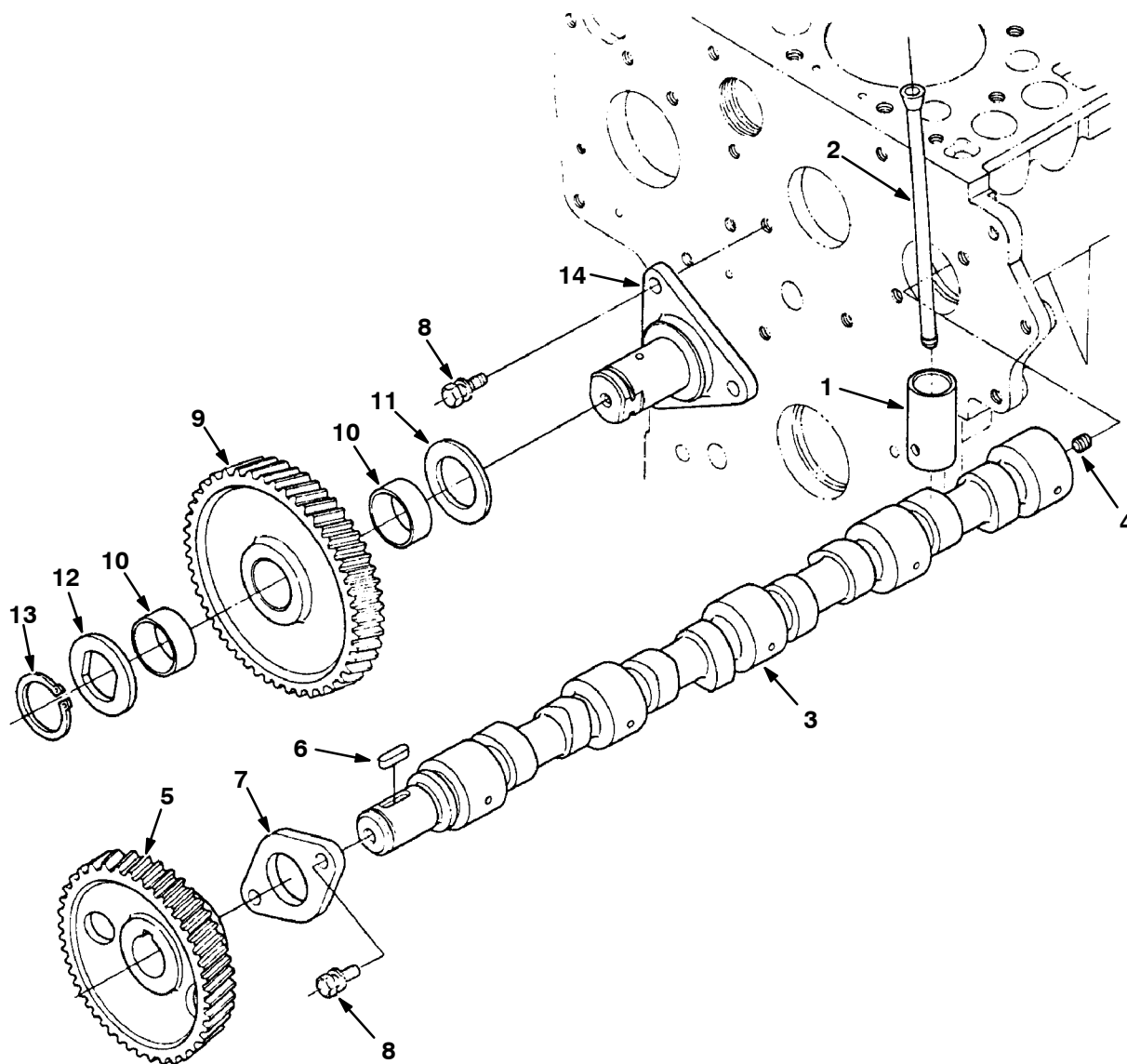
Key	TENNANT Part No.	Kubota Part Number	Engine Serial Number	Description	Qty.
1	39123	19202-0404-0	(000000-)	Case Assembly	1
2	31329	15601-0454-0	(000000-)	Bolt	8
3	39126	15221-0436-0	(000000-)	Gasket	1
4	39127	19202-0481-0	(000000-)	Cover, Bearing	1
5	31336	15201-0482-0	(000000-)	Gasket, Cover	1
6	39128	01123-50825	(000000-)	Bolt	8
7	39129	01123-50828	(000000-)	Bolt	8
8	39130	19202-0446-0	(000000-)	Seal, Oil	1
9	31337	15521-0405-5	(000000-)	Case Assembly	1
10	31338	15521-0406-5	(000000-)	Case Assembly	1
11	41799	15411-0407-0	(000000-)	Case Assembly	1
12	31339	15601-0456-0	(000000-)	Bolt	3



05650

Fig. 6 – Inlet Manifold Group

Key	TENNANT Part No.	Kubota Part Number	Engine Serial Number	Description	Qty.
1	41800	15475-1176-0	(000000-)	Manifold, Inlet	1
2	41801	15471-1182-3	(000000-)	Gasket	1
3	39138	01123-50822	(000000-)	Bolt	7
4	41802	15401-1231-0	(000000-)	Manifold, Exhaust	1
5	10899	15521-1235-0	(000000-)	Gasket	4
6	39139	15221-9153-0	(000000-)	Stud	8
7	39096	02156-50080	(000000-)	Nut	8
8	39097	04512-50080	(000000-)	Washer, Spring	8
9	41803	15221-1237-0	(000000-)	Gasket, Muffler	1
10	41804	01517-51030	(000000-)	Stud	2
11	39481	02176-50100	(000000-)	Nut	2
12	39399	04512-50100	(000000-)	Washer, Spring	2


Fig. 7 – Camshaft Group

05653

Key	TENNANT Part No.	Kubota Part Number	Engine Serial Number	Description	Qty.
1	39193	15221-1555-0	(000000-)	Tappet	8
2	39194	15221-1511-0	(000000-)	Rod, Push	8
	41809	15471-1601-0	(000000-)	Camshaft Assembly	1
3	41810	15471-1615-0	(000000-)	Camshaft	1
4	39197	15521-9361-0	(000000-)	Screw, Set	1
5	39198	15521-1651-0	(000000-)	Gear	1
6	39186	05712-00720	(000000-)	Key, Feather	1
7	39199	15221-1627-0	(000000-)	Stopper	1
8	39200	01123-50818	(000000-)	Bolt	5
9	39201	15221-2401-0	(000000-)	Gear Assembly	1
10	30076	15221-2498-0	(000000-)	Bushing, Idle Gear	2
11	39202	15521-2436-0	(000000-)	Collar	1
12	39203	15521-2437-0	(000000-)	Collar	1
13	39211	15221-2432-0	(000000-)	Cir-clip External	1
14	39212	15221-2425-0	(000000-)	Shaft	1

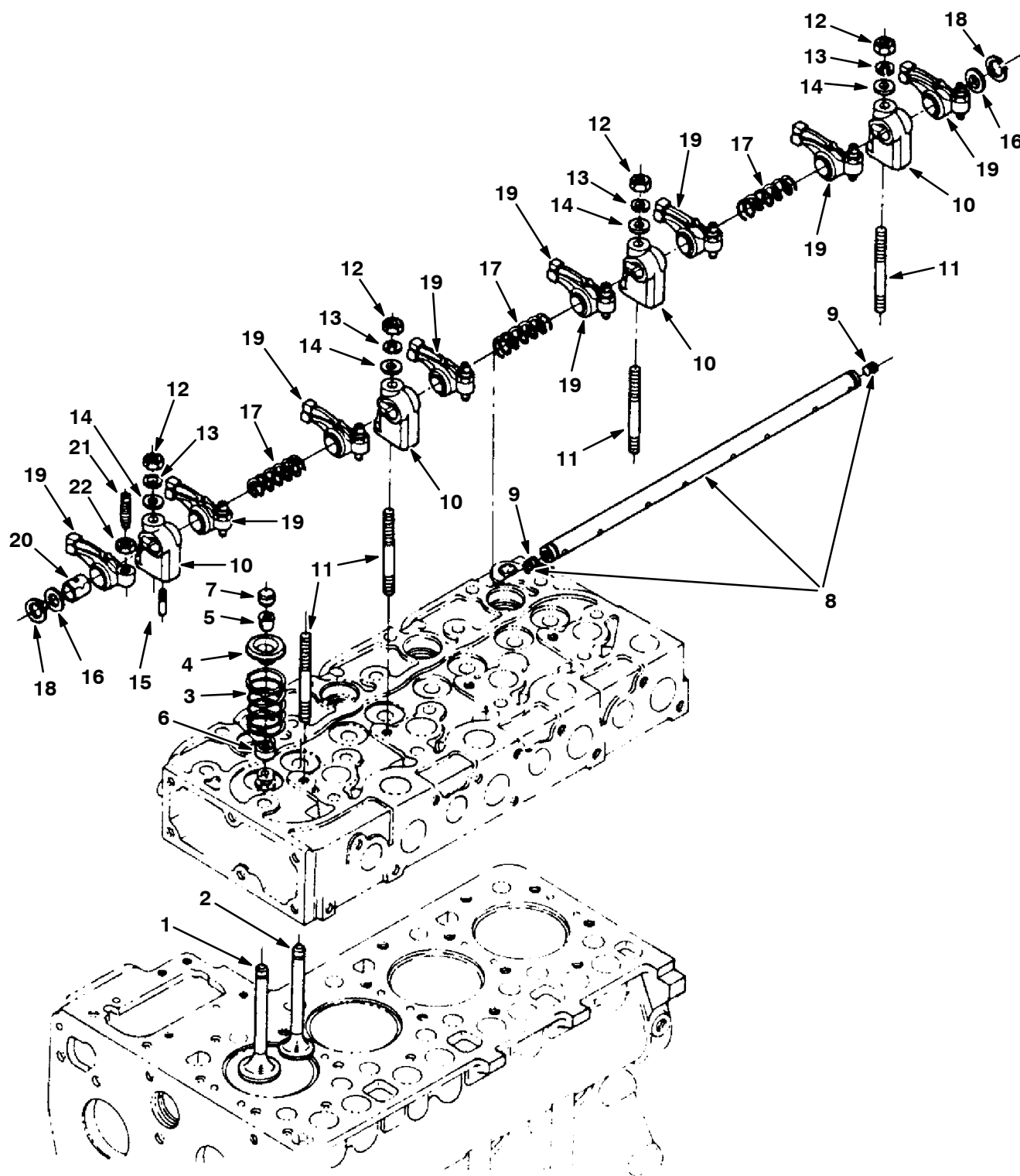


Fig. 8 – Valve Rocker Arm Group

Fig. 8 – Valve Rocker Arm Group

Key	TENNANT Part No.	Kubota Part Number	Engine Serial Number	Description	Qty.
1	10898	15221-1311-0	(000000-)	Valve, Inlet	4
2	10897	15221-1312-0	(000000-)	Valve, Exhaust	4
3	10896	15221-1324-0	(000000-)	Spring, Valve	8
4	10894	15221-1333-0	(000000-)	Retainer	8
5	39141	15221-1336-0	(000000-)	Collet	16
6	39142	15221-1315-0	(000000-)	Seal, Stem	8
7	39143	15221-1328-0	(000000-)	Cap, Valve	8
8	41805	15401-1405-0	(000000-)	Shaft Assembly	1
9	41808	03410-50808	(000000-)	Screw, Set	2
10	39146	15221-1435-0	(000000-)	Bracket	4
11	39147	15521-9150-0	(000000-)	Stud	4
12	39096	02156-50080	(000000-)	Nut	4
13	39097	04512-50080	(000000-)	Washer, Spring	4
14	39148	04012-50080	(000000-)	Washer, Plain	4
15	39149	15221-1442-0	(000000-)	Screw, Set	1
16	39150	15221-1443-0	(000000-)	Washer	2
17	39151	15221-1431-0	(000000-)	Spring	3
18	39152	04612-00140	(000000-)	Cir-clip	2
19	39153	15601-1403-0	(000000-)	Arm Assembly	8
20	39154	15221-1418-0	(000000-)	Bushing	8
21	39155	15521-1423-0	(000000-)	Screw, Adjusting	8
22	39156	15021-1424-0	(000000-)	Nut	8

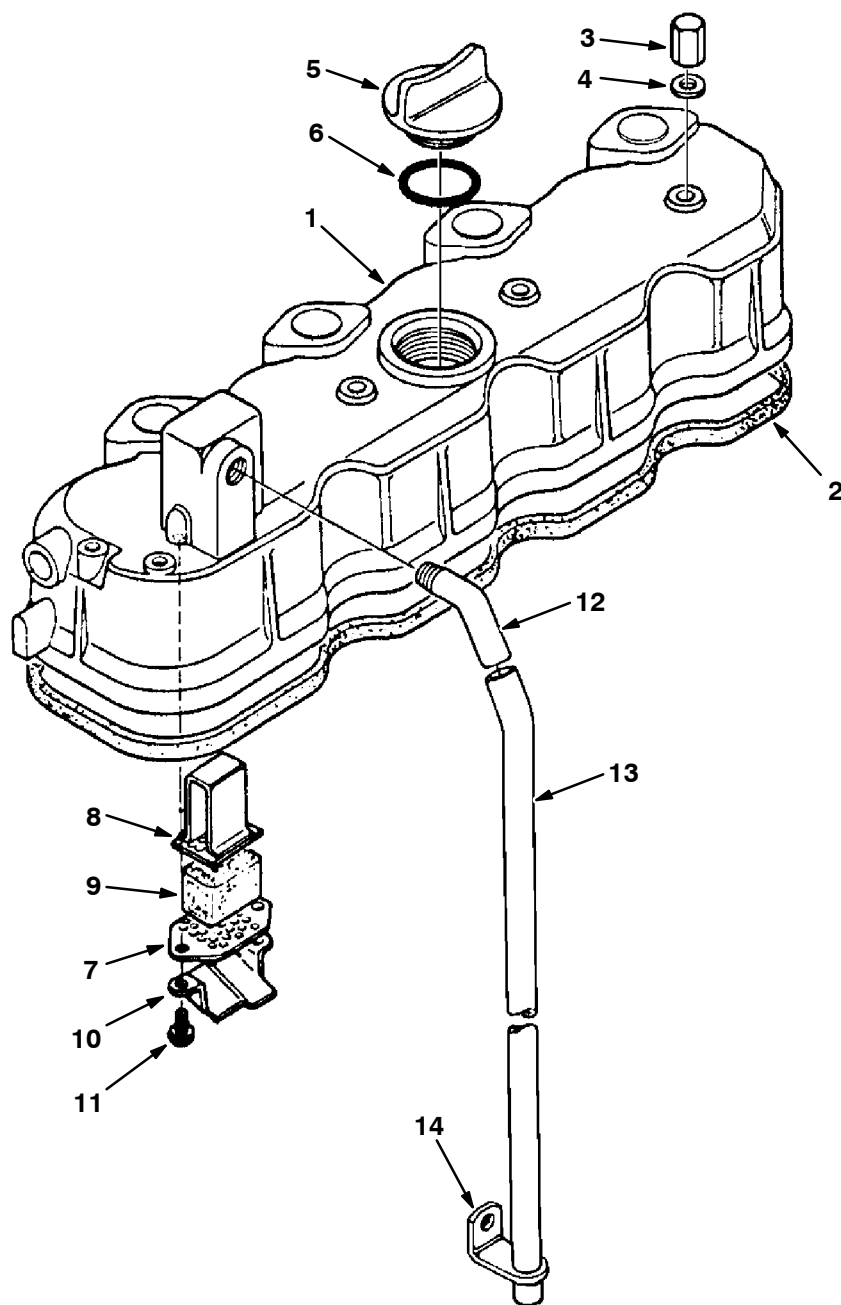


Fig. 9 – Head Cover Group

Fig. 9 – Head Cover Group

Key	TENNANT Part No.	Kubota Part Number	Engine Serial Number	Description	Qty.
1	41806	15434-1451-0	(000000-)	Cover, Cylinder	1
2	41807	15471-1452-0	(000000-)	Gasket	1
3	39158	15451-9233-0	(000000-)	Nut, Cap	4
4	10895	15021-3366-0	(000000-)	Gasket	4
5	39161	15221-3314-0	(000000-)	Plug	1
6	39162	04811-50300	(000000-)	O-ring	1
7	39170	15521-0514-0	(000000-)	Plate	1
8	39171	15521-0515-0	(000000-)	Plate	1
9	39172	15521-0567-0	(000000-)	Element	1
10	39173	15521-0537-0	(000000-)	Shield, Oil	1
11	39174	15521-9331-0	(000000-)	Screw	2
12	39175	15521-0555-0	(000000-)	Joint	1
13	39176	15521-0551-0	(000000-)	Pipe	1
14	39177	15401-0558-0	(000000-)	Clamp	1

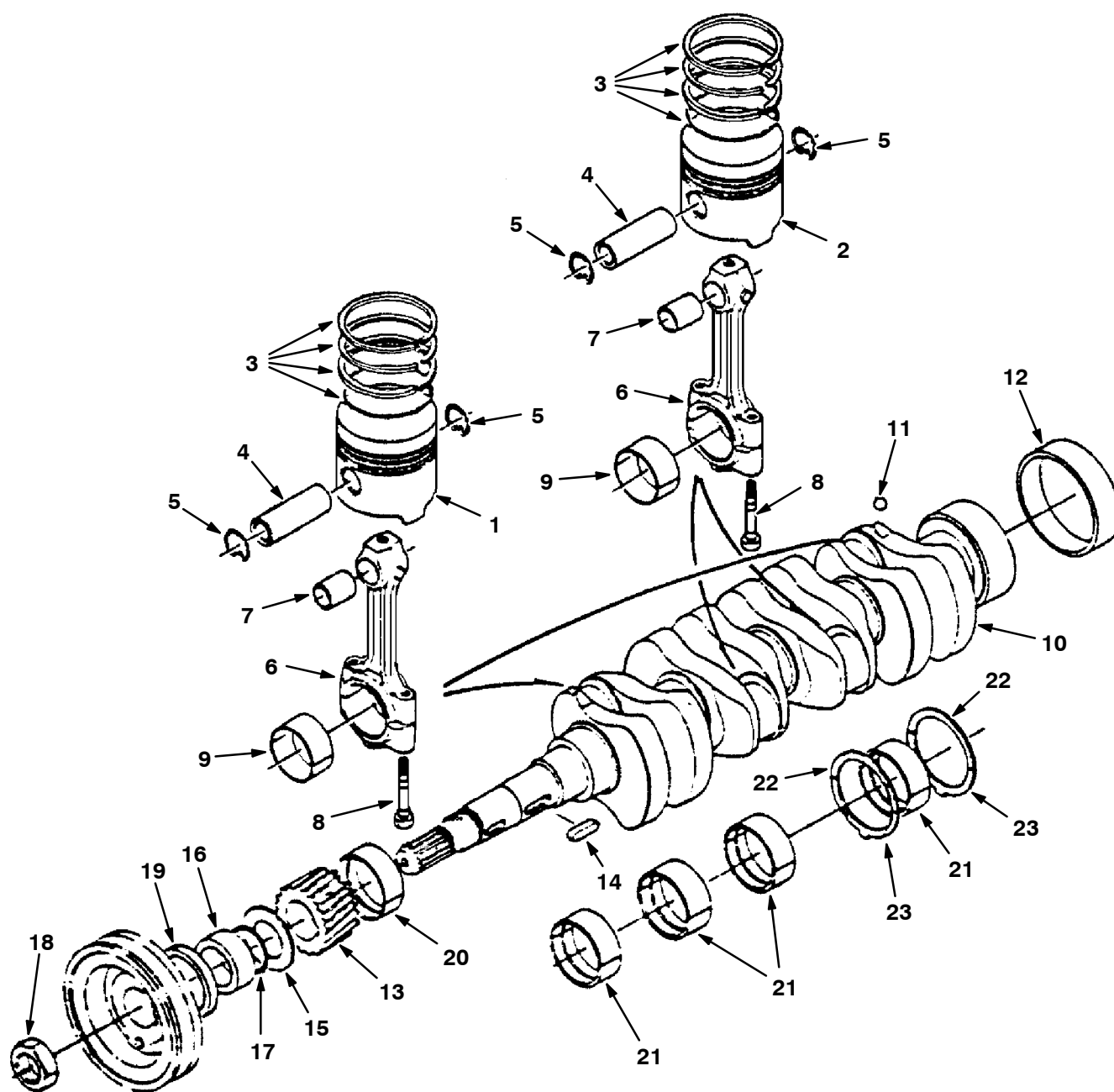


Fig. 10 – Piston Crankshaft Group

Fig. 10 – Piston Crankshaft Group

Key	TENNANT Part No.	Kubota Part Number	Engine Serial Number	Description	Qty.
1	10838	19274-2111-0	(000000-)	Piston, Standard 1 and 4	2
1	30020	19274-2191-0	(000000-)	Piston, Standard 1 and 4	2
2	30021	19439-2111-0	(000000-)	Piston, Standard 2 and 3	2
2	30091	19439-2191-0	(000000-)	Piston, Standard 2 and 3	2
3	30014	19274-2105-0	(000000-)	Ring Set, Piston, Standard	4
3	30099	19274-2109-2	(000000-)	Ring Set, Piston, Alternate	4
4	30089	15521-2131-0	(000000-)	Piston, Pin	4
5	30090	15221-2133-0	(000000-)	Cir-clip	8
6	39180	15471-2201-2	(000000-)	Rod Assembly	4
7	30088	15221-2198-0	(000000-)	Bushing	4
8	39181	15521-2214-0	(000000-)	Bolt	8
9	10841	15471-2231-0	(000000-)	Rod Bearing, Standard	8
9	30085	15471-2297-0	(000000-)	Rod Bearing, -.2mm	8
9	30087	15471-2298-0	(000000-)	Rod Bearing, -.4mm	8
10	41811	15478-2301-2	(000000-)	Crankshaft Assembly	1
11	30111	07715-03209	(000000-)	Ball	4
12	12798	19202-2328-0	(000000-)	Sleeve	1
13	41812	15471-2411-0	(000000-)	Gear, Crankshaft	1
14	39186	05712-00720	(000000-)	Key, Feather	1
15	41813	15471-2331-2	(000000-)	Oil Slinger	1
16	12797	19202-2325-0	(000000-)	Collar	1
17	39188	04811-10300	(000000-)	O-ring	1
18	39189	15221-2336-0	(000000-)	Nut, Crankshaft	1
19	30118	19202-0414-0	(000000-)	Seal, Oil	1
20	30112	17331-2347-0	(000000-)	Bearing, Main, Standard	1
20	30114	17331-2391-0	(000000-)	Bearing, Main	1
20	30116	17331-2392-0	(000000-)	Bearing, Main	1
21	30113	17331-2348-0	(000000-)	Bearing, Main, Standard	8
21	30115	17331-2393-0	(000000-)	Bearing, Main	8
21	30117	17331-2394-0	(000000-)	Bearing, Main	8
22	10844	15521-2353-0	(000000-)	Bearing, Thrust, Standard	2
22	30119	15221-2395-0	(000000-)	Bearing, Thrust	2
22	30120	15221-2396-0	(000000-)	Bearing, Thrust	2
23	10845	19202-2354-0	(000000-)	Bearing, Thrust, Standard	2
23	30121	19202-2397-0	(000000-)	Bearing, Thrust	2
23	30122	19202-2398-0	(000000-)	Bearing, Thrust	2

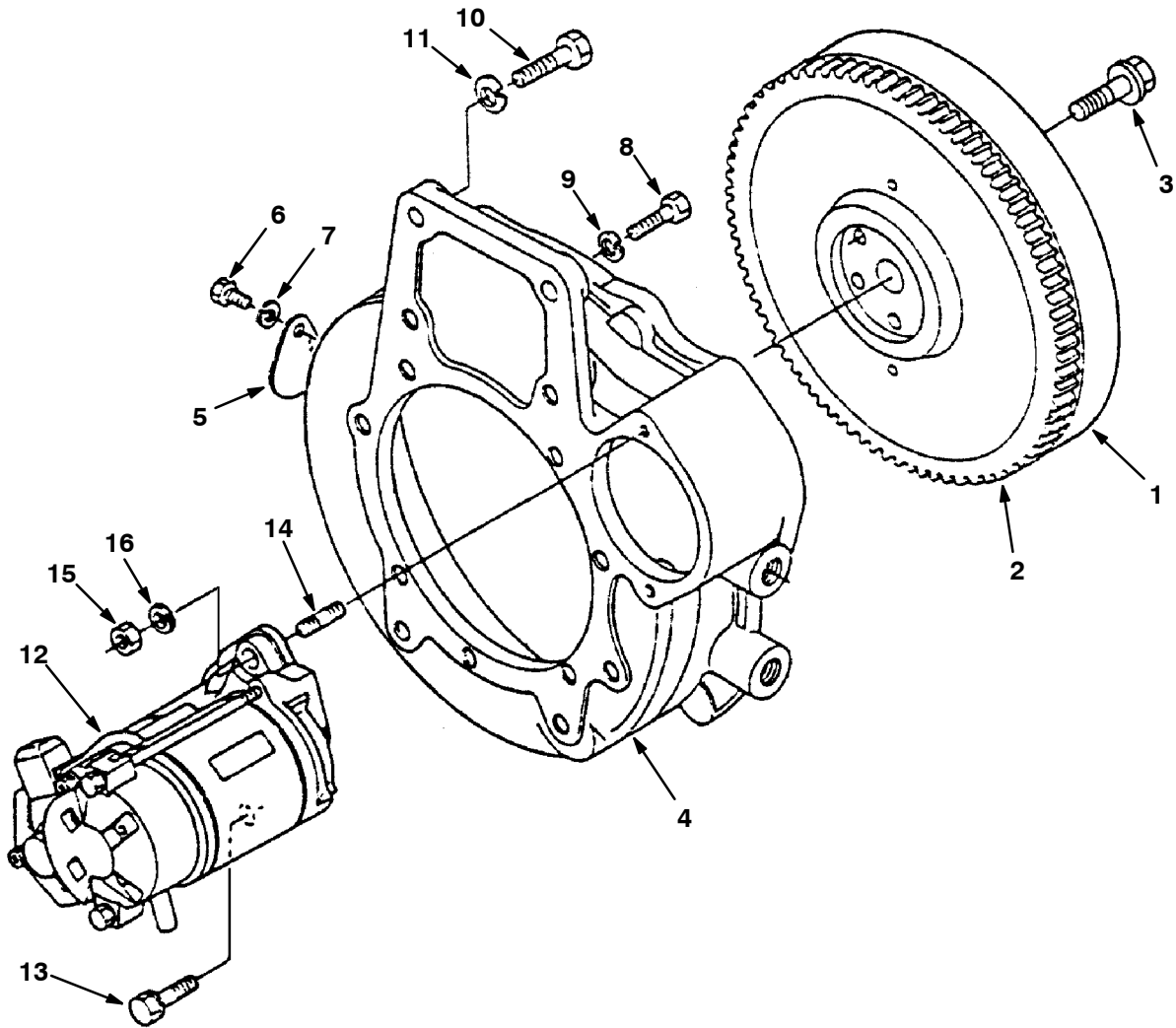


Fig. 11 – Flywheel Group

05655

Key	TENNANT Part No.	Kubota Part Number	Engine Serial Number	Description	Qty.
1	41814	19629-2501-2	(000000-)	Flywheel	1
2	30105	15221-6382-0	(000000-)	Gear, Ring	1
3	39223	15321-2516-3	(000000-)	Bolt	6
4	30123	15331-0461-0	(000000-)	Housing Assembly	1
5	39387	31220-1417-0	(000000-)	Cover	1
6	39388	01153-50812	(000000-)	Bolt	1
7	39097	04512-50080	(000000-)	Washer, Spring	1
8	39389	01073-51030	(000000-)	Bolt	11
9	39399	04512-50100	(000000-)	Washer, Spring	11
10	39400	01073-51240	(000000-)	Bolt	2
11	39401	04512-50120	(000000-)	Washer, Spring	2
12	38957	15461-63011	(000000-)	Starter Assembly	1
13	39458	01133-51030	(000000-)	Bolt	1
14	39480	01517-51028	(000000-)	Stud	1
15	39481	02176-50100	(000000-)	Nut	1
16	39399	04512-50100	(000000-)	Washer, Spring	1

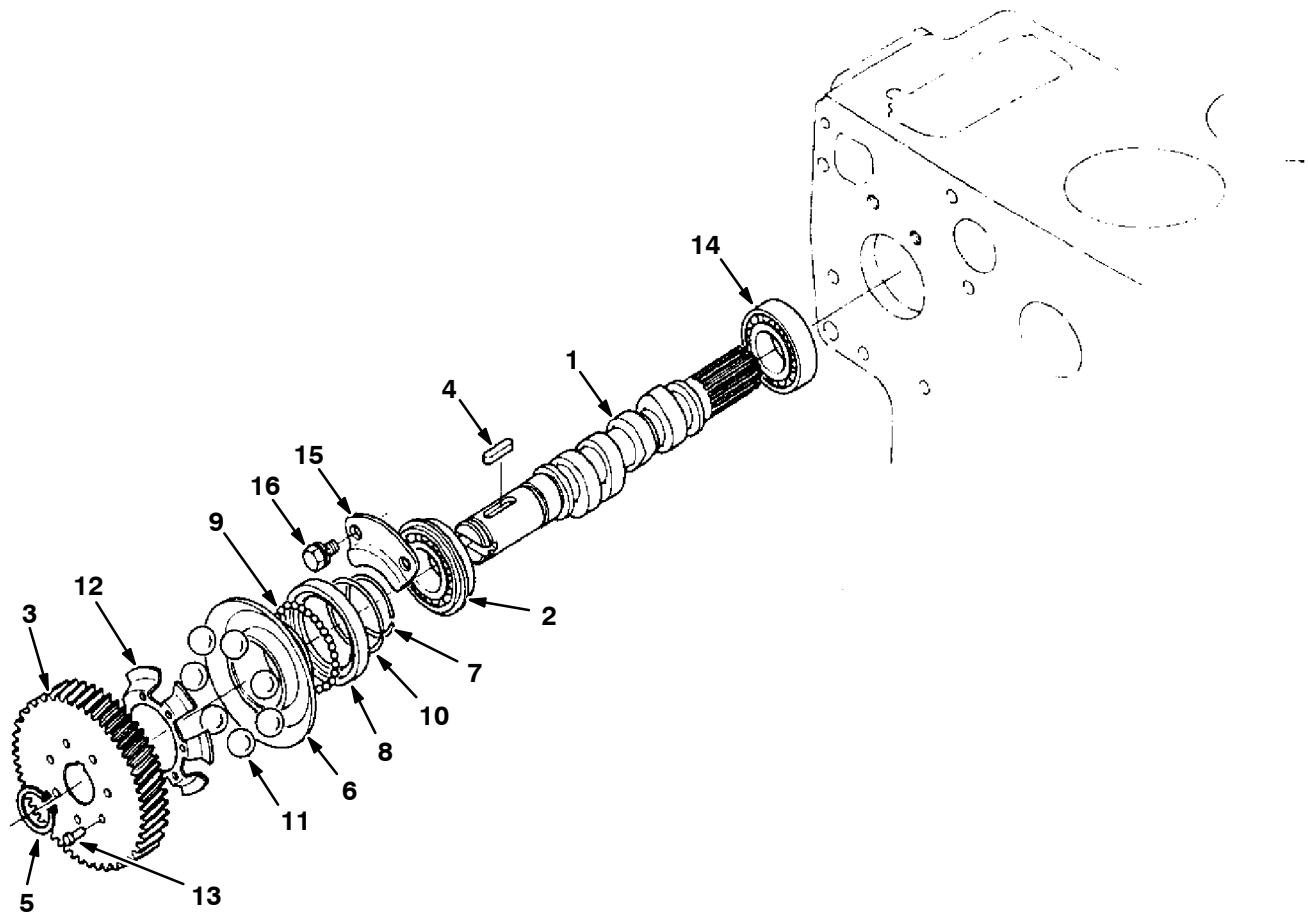


Fig. 12 – Fuel Camshaft Group

05657

Key	TENNANT Part No.	Kubota Part Number	Engine Serial Number	Description	Qty.
	41886	15471-1602-0	(000000-)	Camshaft Assembly	1
1	41926	15471-1617-0	(000000-)	Camshaft, Fuel	1
2	10846	08153-06205	(000000-)	Bearing, Ball	1
3	39517	15401-5115-0	(000000-)	Gear, Injection Pump	1
4	39518	05712-00525	(000000-)	Key, Feather	1
5	39519	04612-00240	(000000-)	Cir-clip, External	1
6	39520	15221-5545-0	(000000-)	Sleeve	1
7	39521	15221-5547-0	(000000-)	Cir-clip, Sleeve	1
8	39522	15221-5569-0	(000000-)	Case, Ball	1
9	39523	07715-03205	(000000-)	Ball	39
10	39524	15221-5574-0	(000000-)	Cir-clip	1
11	39633	07715-00805	(000000-)	Ball	7
12	39635	15521-5565-0	(000000-)	Guide, Ball	1
13	39645	05611-10310	(000000-)	Rivet	7
14	41951	08240-00001	(000000-)	Bearing, Ball	1
15	39713	15221-1632-0	(000000-)	Stopper, Fuel	1
16	39073	01123-50814	(000000-)	Bolt	2

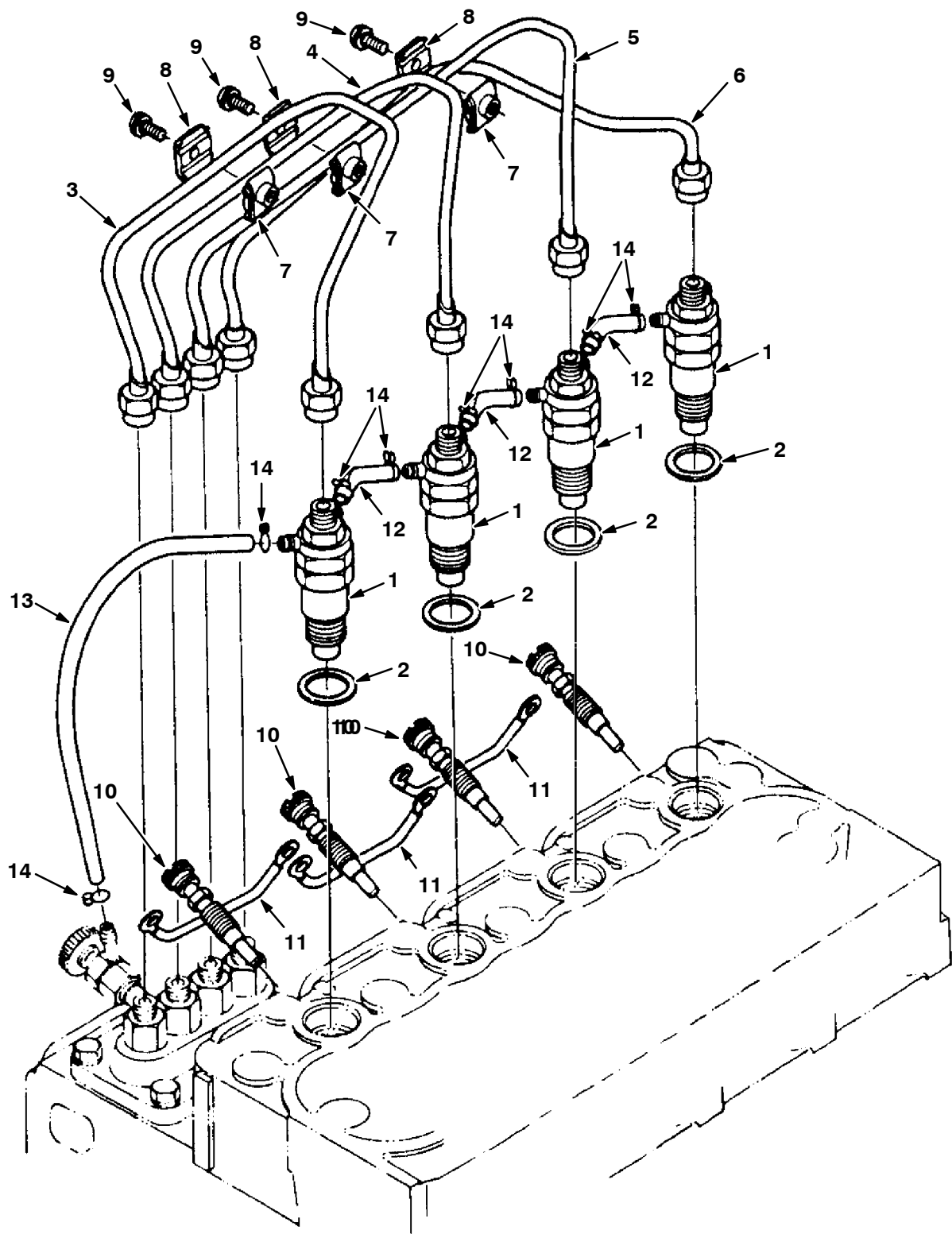


Fig. 13 – Nozzle Holder Group

Fig. 13 – Nozzle Holder Group

Key	TENNANT Part No.	Kubota Part Number	Engine Serial Number	Description	Qty.
1	39502	15271-5302-0	(000000-)	Nozzle Assembly	4
2	12892	17011-5362-0	(000000-)	Gasket	4
3	30129	15469-5371-0	(000000-)	Pipe, Injection 1	1
4	30130	15469-5372-0	(000000-)	Pipe, Injection 2	1
5	41815	15469-5373-0	(000000-)	Pipe, Injection 3	1
6	41854	15469-5374-0	(000000-)	Pipe, Injection 4	1
7	30131	15841-5385-0	(000000-)	Clamp, Pipe	3
8	30132	15841-5386-0	(000000-)	Clamp, Pipe	3
9	39508	03024-50520	(000000-)	Screw	3
10	30048	15521-6551-0	(000000-)	Plug, Glow	4
11	39509	15401-6556-0	(000000-)	Cord, Glowplug	3
12	30133	09661-40095	(000000-)	Pipe, Fuel	3
13	41857	15471-4252-0	(000000-)	Pipe, Fuel	1
14	30134	10244-4232-0	(000000-)	Clip, Pipe	8

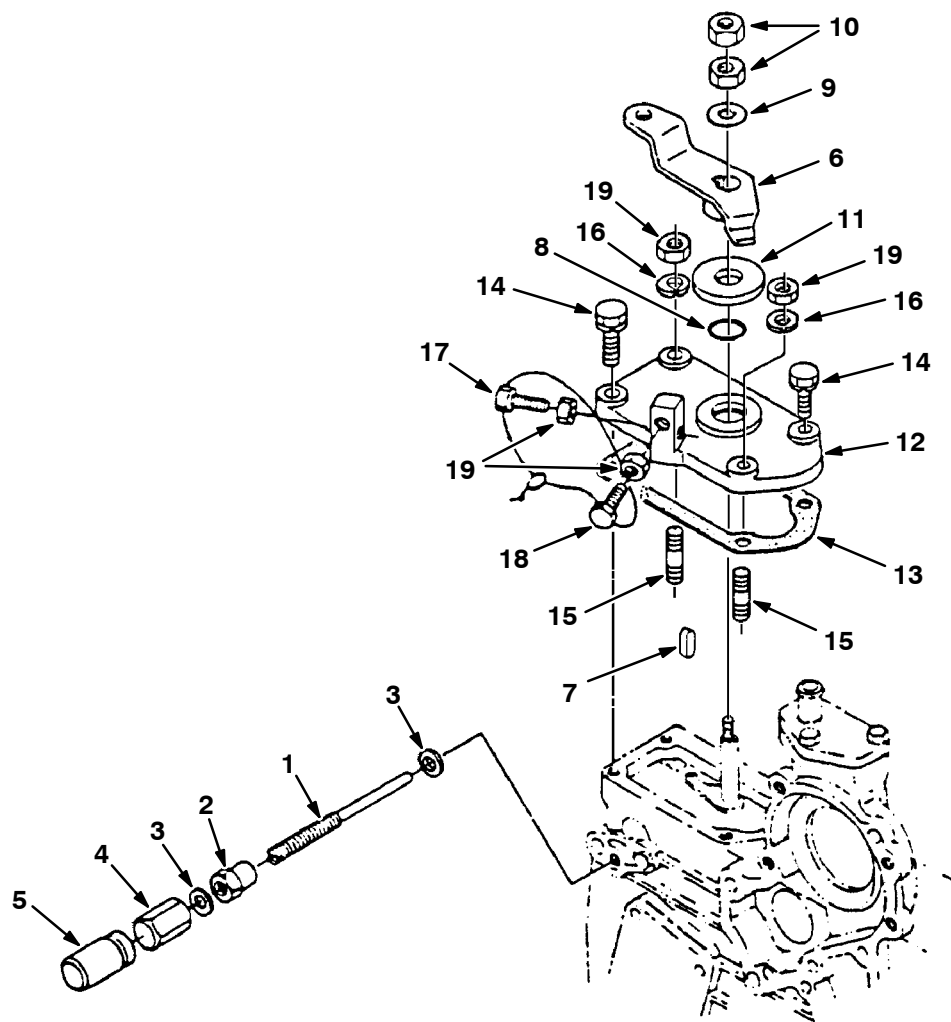
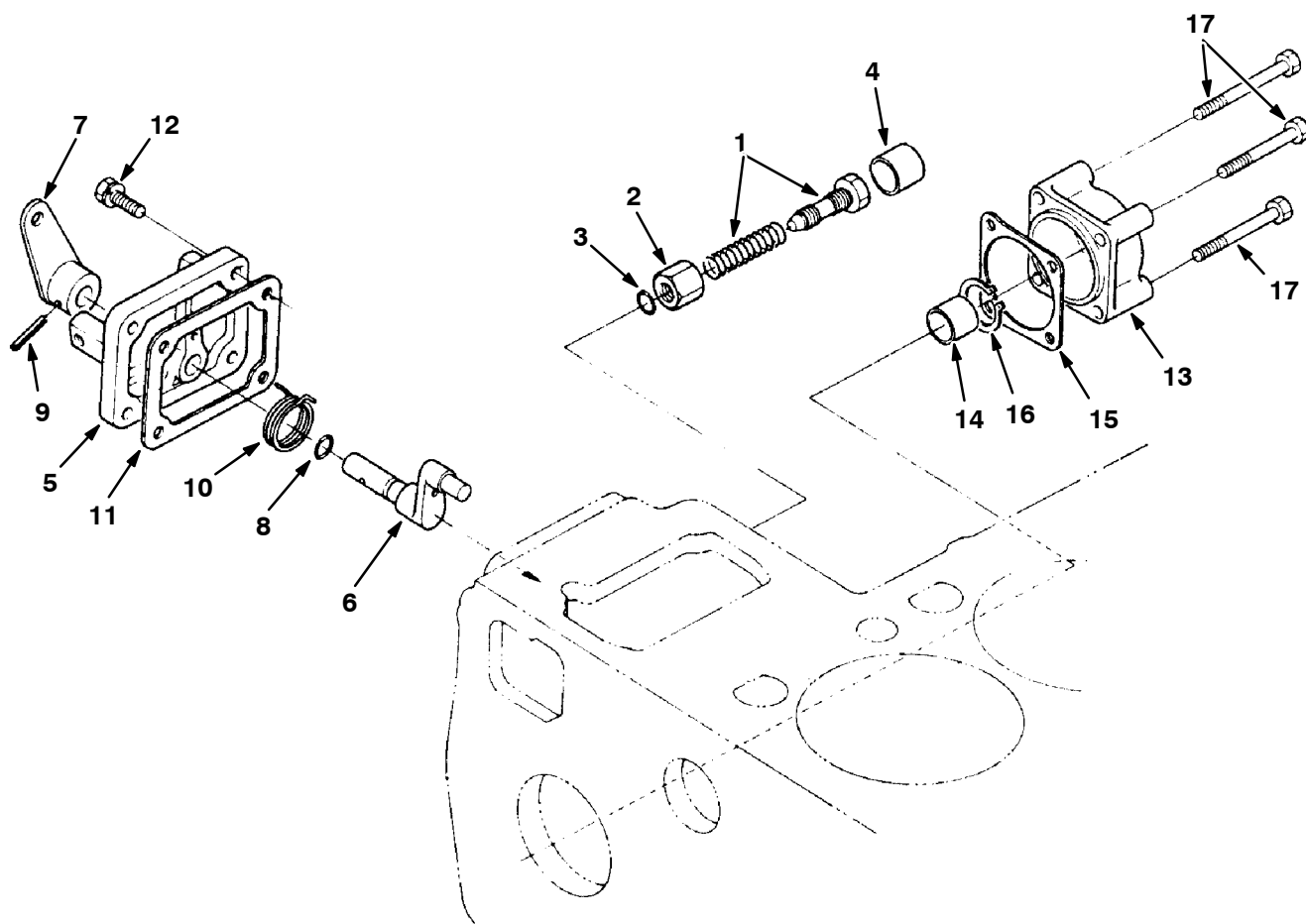


Fig. 14 – Speed Control Plate Group

05659

Key	TENNANT Part No.	Kubota Part Number	Engine Serial Number	Description	Qty.
1	40159	15601-5412-0	(000000-)	Bolt, Adjusting	1
2	40165	15601-9201-0	(000000-)	Nut	1
3	40166	15601-9665-0	(000000-)	Gasket	2
4	30135	15841-1462-0	(000000-)	Nut, Cap	1
5	30136	16241-5442-0	(000000-)	Cap	1
6	41955	15471-5715-0	(000000-)	Lever, Control	1
7	40203	05712-00408	(000000-)	Key, Feather	1
8	40204	04811-00120	(000000-)	O-ring	1
9	40231	04013-50080	(000000-)	Washer, Plain	1
10	40233	02112-50080	(000000-)	Nut	2
11	41977	17011-5738-4	(000000-)	Collar	1
12	12794	15521-5711-4	(000000-)	Plate, Speed Control	1
13	41978	17331-5721-0	(000000-)	Gasket	1
14	39119	01023-50620	(000000-)	Bolt	2
15	39120	15221-8821-0	(000000-)	Stud	2
16	39065	04512-50060	(000000-)	Washer, Spring	2
17	40290	15108-5728-0	(000000-)	Stopper	1
18	41979	19202-9101-0	(000000-)	Bolt	1
19	39121	02056-50060	(000000-)	Nut	4


Fig. 15 – Engine Stop Lever Group

05660

Key	TENNANT Part No.	Kubota Part Number	Engine Serial Number	Description	Qty.
	41956	15471-5409-0	(000000-)	Idle Set Assembly	1
1	41957	15471-5410-0	(000000-)	Adjusting Bolt Assembly	1
2	41960	15471-9201-0	(000000-)	Nut	1
3	41961	04811-00060	(000000-)	O-ring	1
4	40400	15521-5427-0	(000000-)	Cap	1
	40401	15521-5770-3	(000000-)	Engine Stop Lever Assembly	1
5	40402	15521-5165-3	(000000-)	Cover, Injection pump	1
6	40403	15611-5774-0	(000000-)	Shaft, Lever	1
7	40404	15611-5772-0	(000000-)	Lever, Stop	1
8	40405	04811-10070	(000000-)	O-ring	1
9	40407	05411-00420	(000000-)	Pin, Spring	1
10	40408	15611-5751-0	(000000-)	Spring	1
11	10847	15221-5166-0	(000000-)	Gasket, Pump	1
12	40409	01023-50618	(000000-)	Bolt	4
13	41962	15469-8315-0	(000000-)	Cover, Fuel	1
14	41963	19222-1619-0	(000000-)	Collar	1
15	41964	15469-8311-0	(000000-)	Gasket	1
16	41965	15471-9536-0	(000000-)	Cir-clip, External	1
17	41966	01133-51050	(000000-)	Bolt	4

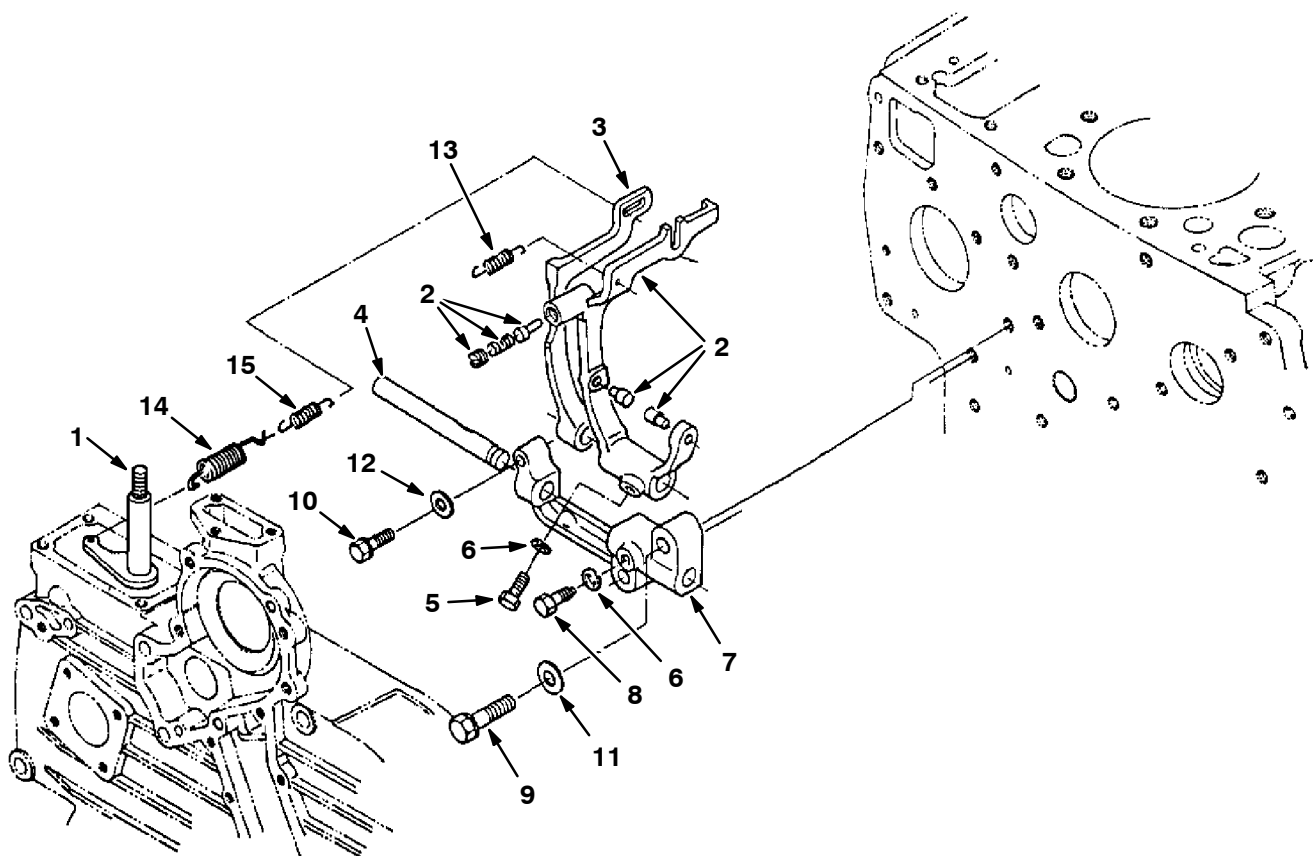


Fig. 16 – Governor Group

05658

Key	TENNANT Part No.	Kubota Part Number	Engine Serial Number	Description	Qty.
1	40021	15601-5602-0	(000000-)	Governor Lever Assembly	1
	41952	15471-5605-0	(000000-)	Fork Lever Assembly	1
2	41953	15471-5604-0	(000000-)	Lever Assembly, Fork	1
3	41954	15471-5613-0	(000000-)	Lever, Fork	1
4	40032	15221-5615-0	(000000-)	Shaft, Lever	1
5	40033	15021-5624-0	(000000-)	Bolt, Lever	1
6	39065	04512-50060	(000000-)	Washer, Spring	2
7	40040	15221-5623-0	(000000-)	Holder, Lever	1
8	39169	15221-6641-0	(000000-)	Bolt	1
9	40079	01123-50832	(000000-)	Bolt	2
10	40080	01023-50628	(000000-)	Bolt	1
11	39148	04012-50080	(000000-)	Washer, Plain	2
12	40083	04012-50060	(000000-)	Washer, Plain	1
13	40111	15601-5648-0	(000000-)	Spring, Start	1
14	40112	15521-5641-0	(000000-)	Spring, Governor	1
15	40113	15521-5642-0	(000000-)	Spring, Governor	1

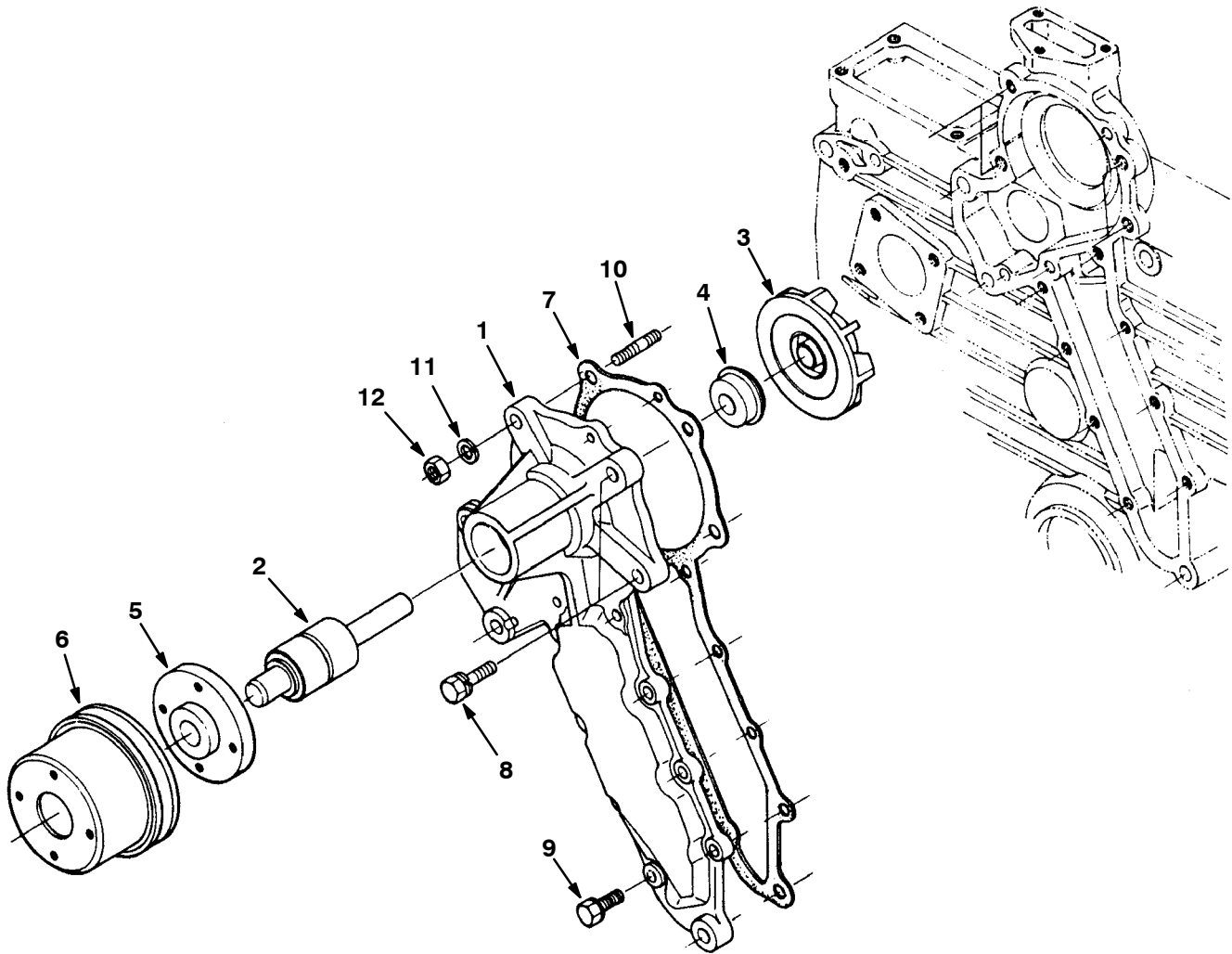


Fig. 17 -- Water Pump Group

05661

Key	TENNANT Part No.	Kubota Part Number	Engine Serial Number	Description	Qty.
1	10853	15521-7303-0	(000000-)	Water Pump Assembly	1
2	10854	15521-7355-0	(000000-)	Bearing	1
3	40420	15521-7351-0	(000000-)	Impeller	1
4	40421	19202-7305-0	(000000-)	Seal Set	1
5	10892	15521-7352-0	(000000-)	Flange	1
6	41967	15471-7425-0	(000000-)	Pulley, Fan	1
7	10893	15521-7343-0	(000000-)	Gasket	1
8	39129	01123-50828	(000000-)	Bolt	2
9	40409	01023-50618	(000000-)	Bolt	8
10	41958	15521-9151-0	(000000-)	Stud	2
11	39097	04512-50080	(000000-)	Washer, Spring	2
12	39096	02156-50080	(000000-)	Nut	2

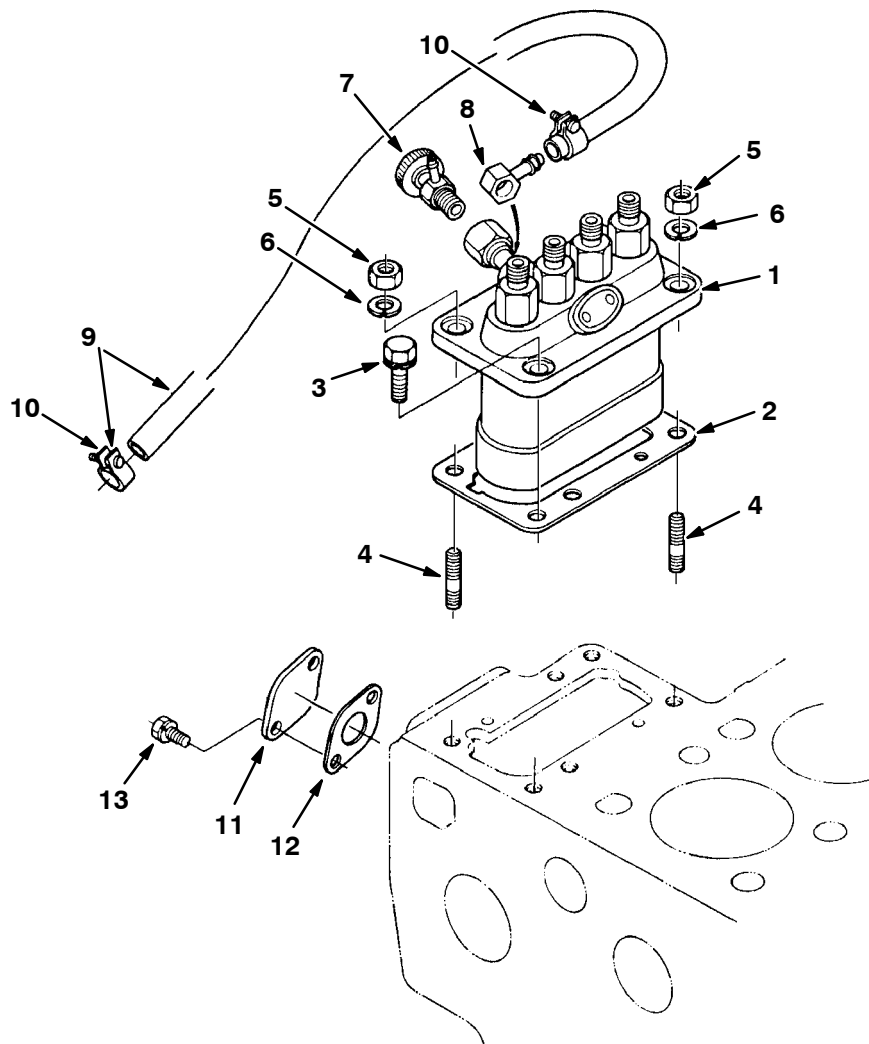


Fig. 18 – Injection Pump Group

05662

Key	TENNANT Part No.	Kubota Part Number	Engine Serial Number	Description	Qty.
1	41968	15461-5101-0	(000000-)	Injection Pump Assembly	1
2	41969	15401-5211-0	(000000-)	Shim, Injection	3
2	41970	15471-5211-0	(000000-)	Shim, Injection	1
3	39138	01123-50822	(000000-)	Bolt	4
4	39139	15221-9153-0	(000000-)	Stud	2
5	39096	02156-50080	(000000-)	Nut	2
6	39097	04512-50080	(000000-)	Washer, Spring	2
7	39513	14311-6050-4	(000000-)	Cock Assembly	1
8	41974	15401-9569-0	(000000-)	Joint, Eye	1
9	41975	14681-4201-0	(000000-)	Pipe Assembly	1
10	41976	14301-4275-0	(000000-)	Clip, Pipe	2
11	41971	15426-5285-0	(000000-)	Cover	1
12	41972	15241-5214-0	(000000-)	Gasket, Pump	1
13	41973	01023-50616	(000000-)	Bolt	2

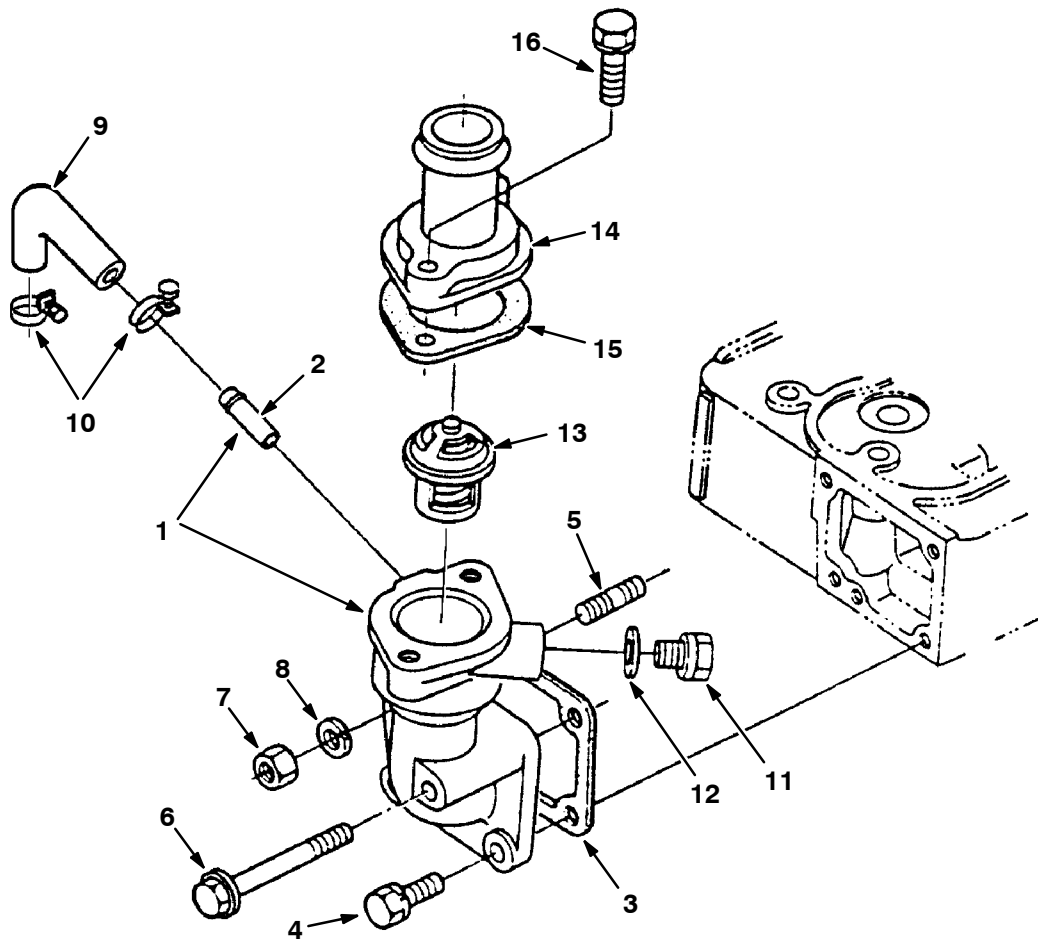


Fig. 19 – Water Flange Group

05663

Key	TENNANT Part No.	Kubota Part Number	Engine Serial Number	Description	Qty.
1	30124	19202-7270-0	(000000-)	Flange, Water	1
2	30125	17331-7334-0	(000000-)	Pipe, Water	1
3	10850	15521-7292-0	(000000-)	Gasket	1
4	39138	01123-50822	(000000-)	Bolt	2
5	39512	01513-50822	(000000-)	Stud	1
6	41959	01123-50865	(000000-)	Bolt	1
7	39096	02156-50080	(000000-)	Nut	1
8	39097	04512-50080	(000000-)	Washer, Spring	2
9	12795	15521-7334-0	(000000-)	Pipe, Water	1
10	40416	15109-7336-0	(000000-)	Band, Pipe	2
11	30126	15512-9601-0	(000000-)	Plug	1
12	30127	04717-02150	(000000-)	Washer with Rubber	1
13	10852	15321-7301-0	(000000-)	Thermostat	1
14	10849	15321-7326-0	(000000-)	Cover, Thermostat	1
15	10851	15321-7327-0	(000000-)	Gasket, Thermostat	1
16	40418	01123-50835	(000000-)	Bolt	2

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TENNANT COMPANY LIMITED WARRANTY

NEW MACHINES

Tennant Company warrants to the original purchaser for the period stated below that goods manufactured by it will be free from defects of workmanship and material, provided such goods are installed, operated, and maintained in accordance with Tennant Company's written manuals or other instructions. No warranty is made with respect to items supplied by Tennant Company on special order of purchaser. Tennant Company's sole obligation under this Warranty will be to repair and replace, at Tennant Company's option, parts that do not conform to this Warranty.

SIX-MONTH LABOR COVERAGE (U.S.A. AND CANADA ONLY)

For six (6) months in the U.S.A. or Canada, thirty (30) days elsewhere, from date of installation, Tennant Company will, at its option, provide labor for repair, pay for outside repair service, or pay the customer straight time in accordance with Tennant Company's flat rate schedule for particular warranty repairs. After six (6) months, Tennant Company's sole obligation shall be limited to the repair or replacement, at Tennant Company's option, of parts that do not conform to this Warranty according to the schedule below.

BATTERIES AND TIRES

Batteries and tires will be replaced if failure occurs due to defective material or workmanship within ninety (90) days from date of purchase. Thereafter, a pro rata adjustment from date of purchase to twelve (12) months will be made. The pro rata adjustment price of the replacement battery and/or tire will be the Tennant Company current price as of the adjustment request less 1/12th of that price for each month remaining in the twelve (12) month period. This Warranty applies only to batteries and tires purchased from Tennant Company and installed in vehicles used in normal service.

BRUSHES

Brushes that fail due to defective material or workmanship will be replaced on a pro rata basis within the first twelve (12) months of purchase. The replacement price will be calculated by multiplying the current Tennant Company price by the percentage of usable bristle remaining at the time of adjustment.

MACHINE WARRANTY PERIOD

Tennant Company warrants its equipment for a set number of months or for a set number of hours of use, whichever comes first. The warranty periods and hours of use vary depending upon the machine model. The warranty periods for Tennant Company's various machines are:

SCARIFIERS

Machine Model	Warranty Period
G	12 months/500 hours
K4	12 months/500 hours
KDC	12 months/500 hours

Machine Model	Warranty Period
L2	12 months/500 hours
RS/TLR	12 months/500 hours

SCRUBBERS

Machine Model	Warranty Period
465/480/490	24 months/750 hours
1465/1480/1490	24 months/750 hours
† 510E	24 months/2000 hours
* 528	24 months/2000 hours

Machine Model	Warranty Period
† 530E	24 months/2000 hours
550	12 months/1500 hours
550E	12 months/1500 hours

SWEEPERS

Machine Model	Warranty Period
95AA/95 GR	24 months/2000 hours
97	24 months/2000 hours
hopper	
140/140E	12 months/500 hours
141	18 months/500 hours
186/1186	18 months/500 hours
215	18 months/750 hours
242E	24 months/1750 hours

Machine Model	Warranty Period
235	24 months/1250 hours (except Duramer™)
	5 years/5000 hours)
* 255	24 months/1500 hours
* 275	24 months/2000 hours
* 285	24 months/2000 hours
* 365	24 months/2000 hours

*Ford engines installed as original equipment on TENNANT Model 255, 275, 285, 365, and 528 carry a 5 year/3000 hour parts only warranty. General maintenance items such as spark plugs, fan belts, carburetors, fuel pumps, and alternator assemblies are excluded.

†Except Duramer™ solution and recovery tanks, and optional Pre-Sweep™ hopper 5 years/5000 hours.

RECONDITIONED MACHINES

Tennant Company warrants to the purchaser of reconditioned equipment, purchased from Tennant Company, for the period of ninety (90) days from the date of delivery that the purchased equipment will be free from defects of workmanship and material, provided such equipment is operated and maintained according to Tennant Company written manuals or instructions. Tennant Company's sole obligation under this Warranty will be to repair and replace, at Tennant Company's option, parts that do not conform to this Warranty. No warranty of any kind is extended to equipment that is sold for salvage.

LABOR COVERAGE

For thirty (30) days from date of delivery Tennant Company will, at its option, provide labor for repair, pay outside repair service, or pay the customer straight time in accordance with Tennant Company flat rate schedule for particular warranty repair. After thirty (30) days, Tennant Company's sole obligation shall be limited to the repair or replacement, at Tennant Company's option, of parts that do not conform to this Warranty.

DEMONSTRATOR MACHINES

Demonstrator machines purchased from Tennant Company shall carry one of the following limited warranties:

1. Demonstrator machines purchased **without** a demonstrator discount carries the same warranty as new machines;
2. Demonstrator machines purchased **with** a demonstrator discount carries one-half the amount of warranty as new machines.

REPAIR PARTS

Repair parts supplied by Tennant Company are warranted against defects for the period stated below. Tennant Company's obligation is limited to the replacement of the warranted part, and Tennant Company shall not be obligated to provide labor (except certain engines also stated below) in installing such part.

ENGINES, SHORT BLOCKS, AND LONG BLOCKS

Manufacturer	Warranty Period	Manufacturer	Warranty Period
Continental	1 year or 1500 hours parts & labor	Perkins	1 year or 1500 hours parts & labor
Kohler	1 year or 1500 hours parts & labor (except Kohler Model K181S – 500 hours)	Kubota	1 year or 1500 hours parts & labor
Briggs & Stratton	90 days or 200 hours parts & labor	Wisconsin	1 year or 500 hours parts & labor
Onan	1 year or 1500 hours parts & labor	Ford	1 year or 1500 hours parts only

- Engine part replacements such as water pumps, carburetors, and alternators are warranted for thirty (30) days parts only, no labor.
- Labor is to include only the time it takes to repair an engine. It does not include removal and replacement nor does it include travel time.

MAJOR HYDRAULIC COMPONENTS (PUMPS, MOTORS, CYLINDERS, AND CONTROL VALVES)

Manufacturer	Warranty Period	Manufacturer	Warranty Period
Cessna	1 year parts only	Oilgear	1 year parts only
Char-Lynn	1 year parts only	Gresen	90 days parts only
Victor (Dukes)	1 year parts only	MTE	90 days parts only
Ross	1 year parts only	Barnes	90 days parts only
Vickers	1 year parts only		

- Replacement parts are warranted for thirty (30) days parts only.

MAJOR ELECTRIC MOTORS

Manufacturer	Warranty Period	Manufacturer	Warranty Period
Baldor	1 year parts only	Ohio Electric	1 year parts only
General Electric	1 year parts only	HK Porter	1 year parts only

- All other repair parts are warranted for thirty (30) days only.

SERVICE LABOR

Labor performed by a Tennant Company service representative shall be warranted for thirty (30) days from the date the repairs are completed. This policy does not cover work performed by any service company, other than Tennant Company, and is restricted to the specific repair operation or component for which a claim is made.

THIS WARRANTY IS EXPRESSLY IN LIEU OF ALL OTHER EXPRESSED OR IMPLIED WARRANTIES INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS AND OF ALL OTHER OBLIGATIONS AND LIABILITIES ON THE PART OF TENNANT COMPANY, INCLUDING LIABILITIES FOR DIRECT, IMMEDIATE, SPECIAL, INDIRECT, OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE FAILURE OF ANY MACHINE OR PART OF IT TO OPERATE PROPERLY, INCLUDING THE COST OR EXPENSE OF PROVIDING SUBSTITUTE EQUIPMENT OR SERVICE DURING PERIODS OF MALFUNCTION OR NON-USE.

This Warranty cannot be extended, changed, or modified by any representative of Tennant Company.

**TENNANT COMPANY, TENNANT COMPANY SUBSIDIARIES, AND
MAJOR PARTS AND SERVICE LOCATIONS DIRECTORY****LOCATION****NORTH AMERICA****U.S.A.****CALIFORNIA**

Los Angeles Parts and Service Center
2861 East La Palma
P. O. Box 66066
Anaheim, CA 92806
Phone: (714) 630-0800
FAX: (714) 630-6934

GEORGIA

Atlanta Parts and Service Center
5805 Peachtree Corners E. Rd.
Norcross, GA 30092
Phone: (404) 447-1500
FAX: (404) 449-0418

ILLINOIS

Chicago Parts and Service Center
630 Supreme Drive
P. O. Box 590
Bensenville, IL 60106
Phone: (708) 595-1770
FAX: (708) 595-5635

MICHIGAN

Detroit Parts and Service Center
5601 Enterprise Dr.
P. O. Box 927
Warren, MI 48090
Phone: (313) 573-6600
FAX: (313) 573-2619

MINNESOTA

Tennant Company, World Headquarters
Minneapolis Factory Customer Services
701 N. Lilac Dr.
Minneapolis, MN 55422
Phone: (800) 553-8033 or (612) 593-8850
FAX: (612) 540-1437
Mailing Address:
P. O. Box 1452
Minneapolis, MN 55440

PENNSYLVANIA

Philadelphia Parts and Service Center
855 Bethel Avenue
P. O. Box 220
Pennsauken, NJ 08110
Phone: (609) 665-2231
FAX: (609) 665-4894

TEXAS

Dallas/Ft. Worth Parts and Service Center
1610 111th Street
Grand Prairie, TX 75050
Phone: (214) 647-0801
FAX: (214) 641-4011

CANADA**ONTARIO**

Tennant
1329 Cardiff Boulevard
Mississauga, Ontario
Canada L5S 1R2
Phone: (416) 670-8599
FAX: (416) 670-8547

SOUTH AMERICA**BRAZIL**

Equipamentos Tennant Limitada
Rus Alvares Cabral Nr. 871
Diadema - SP - Brazil CEP 09900
Phone: (55) 11-456-2656
FAX: (55) 11-465-4160

ASIA**JAPAN**

Tennant Japan
c/o Nippon Yusoki Co., Ltd.
1-1, 2-chome, Higashikotari
Nagaokakyo-shi, Kyoto, 617
JAPAN
Phone: 075-956-8613
Telex: 05429926 NYK HJ
FAX: 075-955-8993

AUSTRALIA**AUSTRALIA**

Tennant Australia
10 Hope Street
Ermington, N.S.W. 2115
Australia
Phone: (61) 2-858-5811
Telex: AA27393
FAX: (61) 2-858-1995

EUROPE**NETHERLANDS**

Tennant N.V.
Industrielaan 6
5400 AA
Uden, N.B., Netherlands
Phone: (31) 4132 63955
Telex: 844 74768
FAX: (31) 4132 50008

(continued on following page)

EUROPE CONTINUED

UNITED KINGDOM

Tennant Maintenance Systems, Ltd.
Central Avenue
East Molesey
Surrey KT8 0QZ
United Kingdom
Phone: (44) 1-941-5585
FAX: (44) 1-941-4678

WEST GERMANY

Tennant N.V.
Walter-Freitag-Straße 39
5630 Remscheid 11 (Lüttringhausen)
B.R.D.
Phone: (49) 2191-59140
Telex: (841) 08 513 478 TENV D.
FAX: (49) 2191-561436

This is a listing of *major* Tennant Company parts and service centers. Parts and service are also available at many other Tennant Company centers or distributors located around the world. To determine your nearest Tennant Company representative, phone or write the Tennant Company World Headquarters.

TENNANT SERVICE LITERATURE AVAILABLE...

A variety of information is available to you in forms to suit your needs. The following is a list of those publications that relate to the Model 97 family of machines:

Machine Model	Publication	Form	TENNANT Part No.
97	Operation, Maintenance, and Parts Manual	Printed	MM282
97	Operation, Maintenance, and Parts Manual	Microfiche	85282
97	Operator Handbook	Printed	MM263
97	Kubota Diesel Engines Workshop Manual	Printed	33074

Keep your manuals in a safe, convenient location for your future reference in order to operate, maintain, and order repair parts for your machine. Everyone who operates, maintains, or purchases parts for the machine should have easy access to a copy of the manual.

To get pricing information or to order copies of these publications, contact your nearest TENNANT parts warehouse, distributor, or sales representative.