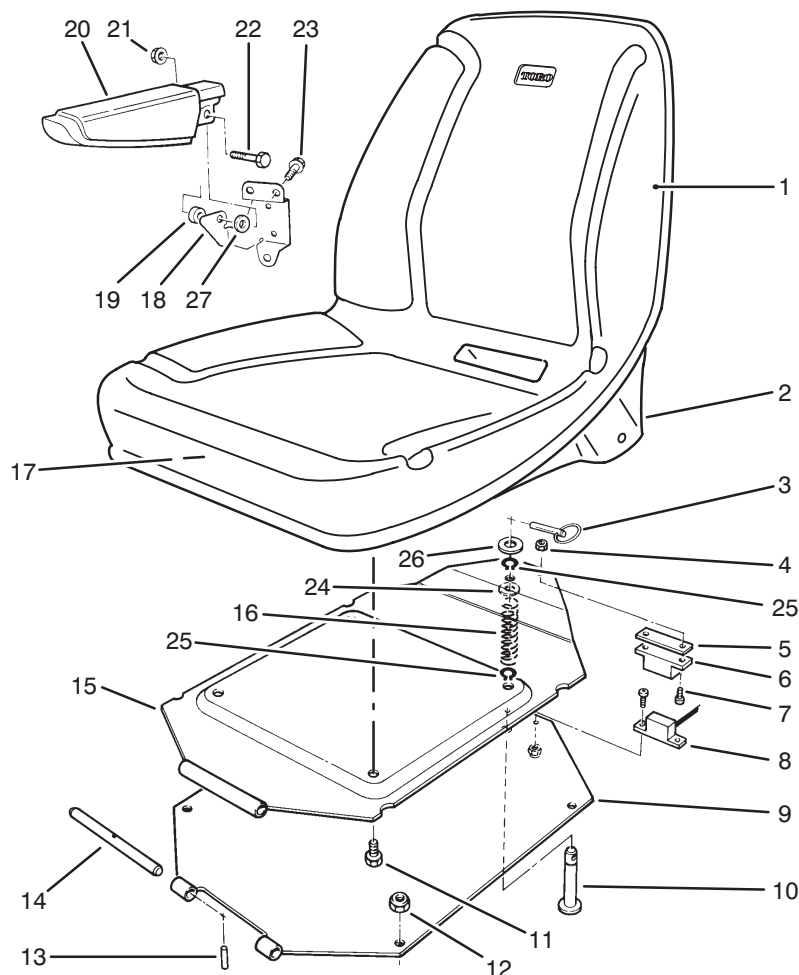


TORO®

MODEL NO. 30580-50146

**PARTS
CATALOG****GROUNDMASTER® 580-D
Traction Unit**

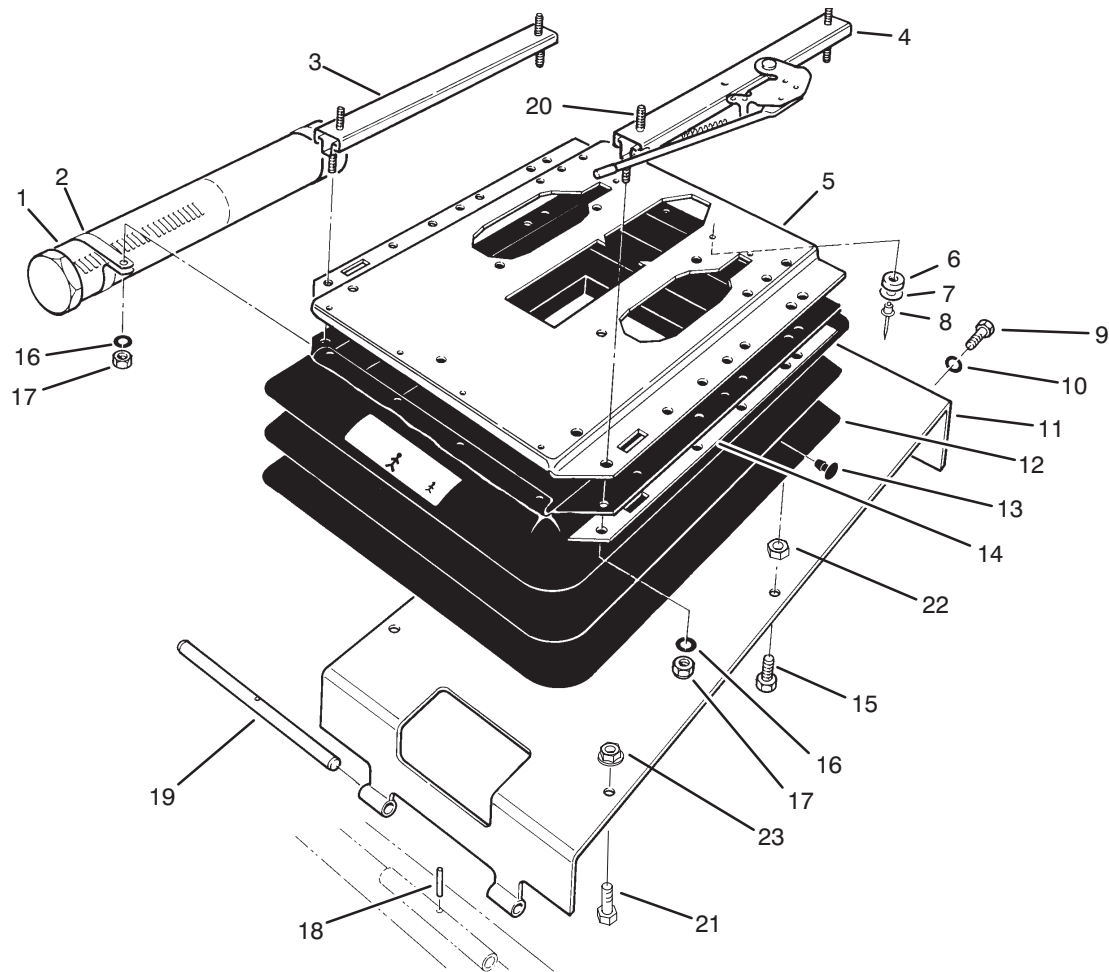
T-1278C

SEAT ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	92-1180	Assembly - Seat (Incl. Ref. #2)	1
2	67-9560	Shell - Seat	1
3	283-72	Pin - Lynch	1
4	3296-54	Nut - Lock	4
5	83-6630	Shim - Switch	1
6	92-8753	Catch - Magnetic	1
7	32122-53	Screw - Pan Head	4
8	83-6640	Sensor - Switch	1
9	83-6700	Plate - Suspension	1
10	85-6160	Pin - Spring	1
11	3234-5	Screw - Cap Hex. Hd.	4
12	3296-29	Nut - Lock	4
13	32121-4	Pin - Roll	1
14	27-4720	Pin - Pivot Seat	1

Ref. No.	Part No.	Description	No. Used
15	83-6690	Plate - Seat	1
16	85-6140	Spring	1
17	92-1179	Cushion - Seat	1
18	69-0770	Bracket - Arm Rest R.H.	1
*	69-0760	Bracket - Arm Rest L.H.	1
19	92-7301	Spacer	2
20	69-1180	Armrest	2
21	32128-19	Nut - Lock Flange Hd.	2
22	323-9	Screw - Cap Hex. Hd.	2
23	3234-14	Screw - Cap Hex. Hd.	6
24	3256-27	Washer - Flat	1
25	32120-64	Ring - Retaining	2
26	3256-7	Washer - Flat	1
27	3256-24	Washer - Flat	2

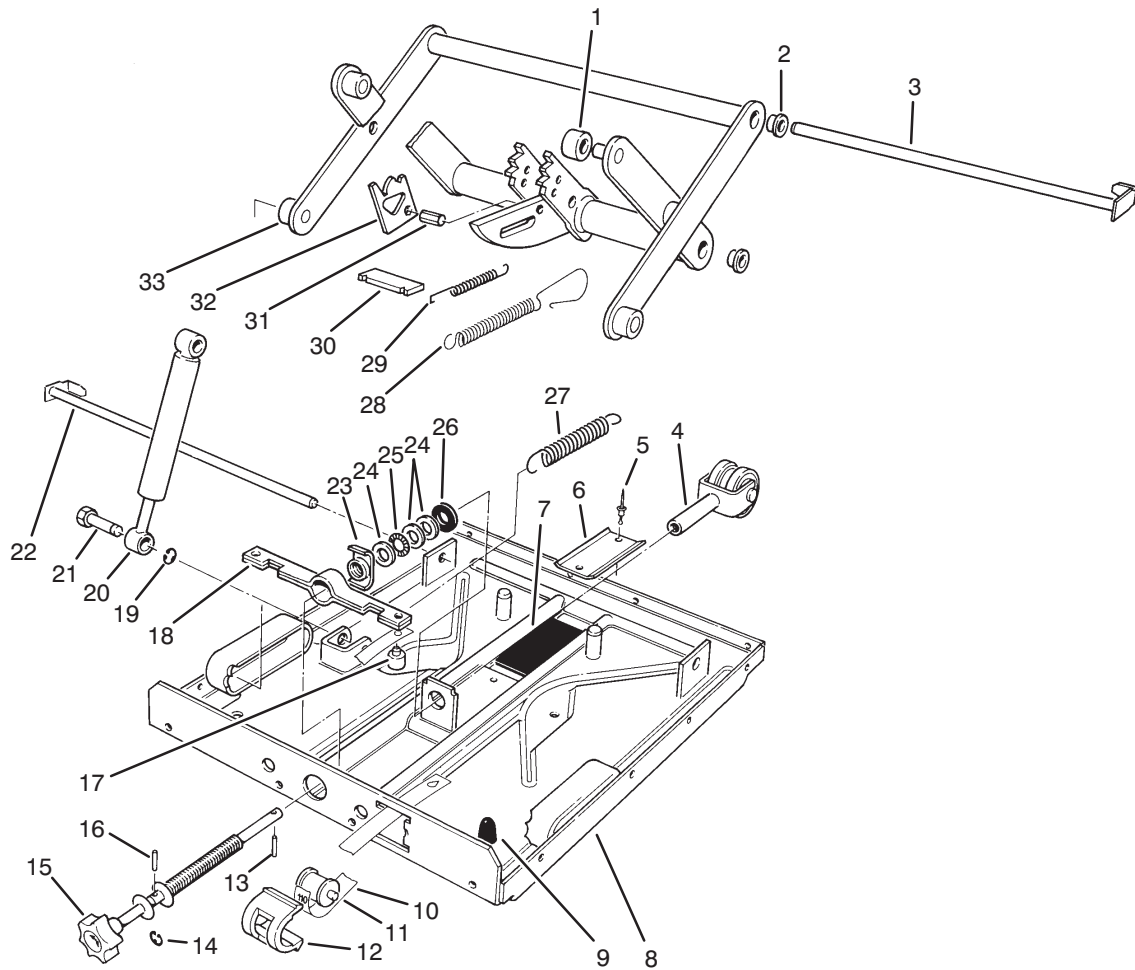
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T-1279B

SEAT PIVOT AND BELLOWS ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	74-0720	Tube - Manual	1	12	71-2420	Bellows - Rubber	1
2	2412-133	Clamp	2	13	39-5710	Plug	21
3	66-8530	Track - Adjustment	1	14	40-3890	Trim	2
4	82-9060	Track & Latch - Adjustment	1	15	48-7780	Screw - Cap Hex. Hd.	2
5	71-2410	Plate - Upper Suspension (Incl. Ref. #6)	1	16	3256-23	Washer - Flat	4
6	71-2400	Assembly - Bumper (Incl. Ref. #7 & 8)	2	17	3296-29	Nut - Lock	4
7	71-2380	Washer	2	18	32121-4	Pin - Roll	1
8	71-2390	Rivet - Pop	2	19	27-4720	Pin - Pivot, Seat	1
9	323-6	Screw - Cap Hex. Hd.	2	20	3230-22	Bolt - Carriage	1
10	3253-21	Washer - Lock	2	21	33104-025	Screw - HHH	2
11	83-6660	Support - Seat	1	22	33015-00	Nut	2
				23	33004-00	Nut - HWH	2



T-0483

SEAT SUSPENSION ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	40-4010	Roller	4	19	71-2330	Ring - Snap	2
2	71-2180	Bearing	4	20	71-2340	Absorber - Shock	1
3	71-2190	Pin	1	21	71-2320	Pin	2
4	71-2290	Bearing - Triple	1	22	71-2170	Pin	1
5	40-4090	Rivet - Pop	2	23	71-2270	Nut - Special	1
6	40-4080	Track - U	1	24	40-4070	Washer	3
7	40-4120	Plate - Rubber	1	25	40-4310	Bearing - Thrust Needle	1
8	71-2310	Plate - Lower Suspension (Incl. Ref. #5-7 & 9)	1	26	40-4060	Washer - Rubber	1
9	71-2300	Bumper	2	27	71-2260	Spring	2
10	71-2280	Band - Weight Indicator	1	28	40-4340	Spring - Extension	1
11	40-4150	Roller	1	29	40-4350	Spring - Extension	2
12	40-4160	Guide - Sleeve	1	30	40-4360	Plate	1
13	71-2210	Pin	1	31	40-4370	Bolt	1
14	71-2230	Ring - Snap	1	32	40-4380	Bracket - Release	2
15	71-2240	Knob Assembly (Incl. Ref. #13, 14 & 16)	1	33	71-2200	Bracket - Swing Arm (Incl. Ref. #1-3, 22 & 29-32)	1
16	71-2220	Pin	1	*	71-0480	Suspension Assembly (Incl. Ref. #1-33, & 6-8, 12 & 13, from page 2)	1
17	40-4230	Plug	1				
18	71-2250	Bracket - Spring	1				

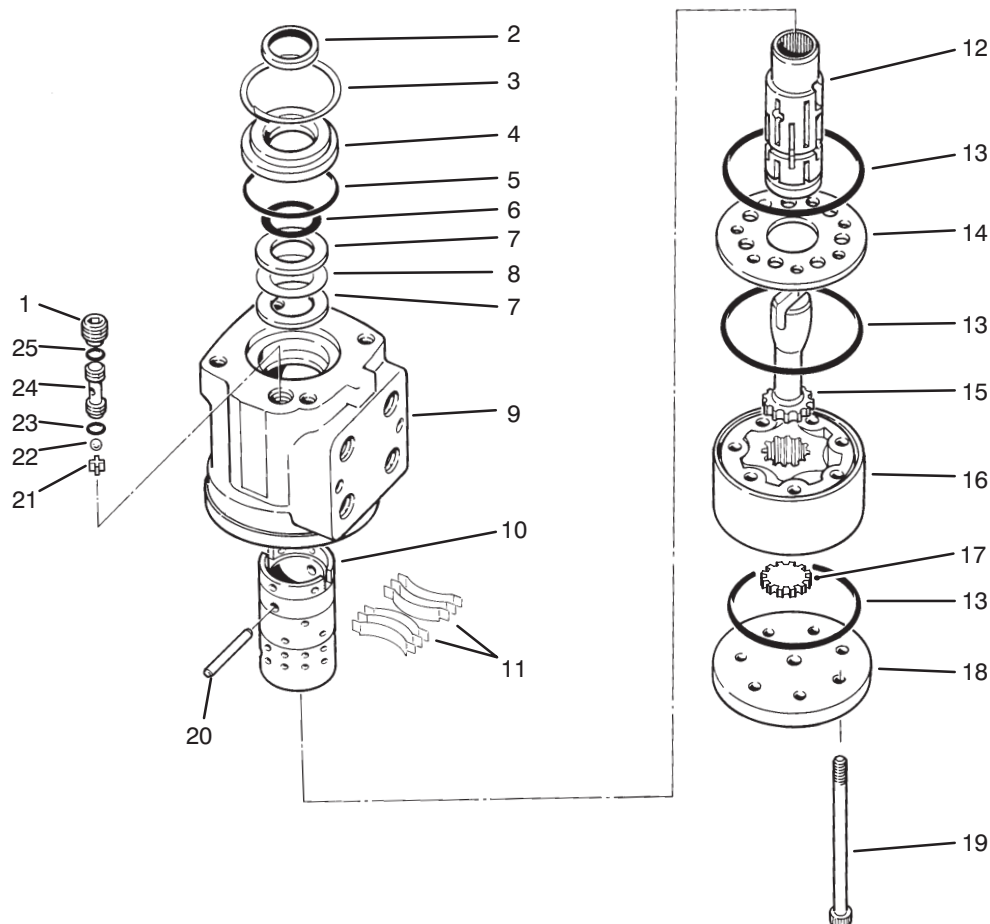
*Not Illustrated

STEERING TOWER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	69-1560	Lever - Lock	1
2	69-9230	Shaft - Steering Pivot	1
3	233-17	Knob	1
4	69-9440	Panel - Steering Tower	1
5	44-2210	Body - Indicator Light	1
		(Incl. Ref. #6-7 & 23-24)	
†6		Bulb - Indicator Light	1
		(#1891)	3
7	218-533	Lens - Indicator Light (Red)	1
8	213-31	Cover - Steering Wheel	1
9	47-6990	Nut - Hex.	1
10	68-8080	Wheel - Steering	1
11	218-562	Lens - Indicator Light	2
		(Amber)	
12	44-2212	Body - Indicator Light	2
		(Incl. Ref. #6, 11 & 23-24)	
13	32144-64	Screw - Hex. Washer Hd.	4
14	20-9500	Spacer	2
15	31-0390	Washer - Friction	3
16	323-7	Screw - Cap Hex. Hd.	4
17	3253-21	Washer - Lock	4
18	69-9540	Bracket - Steering Gear	1
19	69-7760	Link - Steering Gear	1
20	3296-49	Nut - Lock	1
21	69-7740	Support - Steering Gear	1
22	32128-20	Nut - Flange Lock	2
23	218-536	Washer - Lock	3

Ref. No.	Part No.	Description	No. Used
24	218-535	Nut - Hex.	3
25	3234-14	Screw - Hex. Washer Hd.	8
26	46-1600	Spacer	4
27	71-0540	Column - Steering	1
28	92-9748	Valve - Power Steering	1
29	3256-26	Washer - Flat	3
30	325-5	Screw - Cap Hex. Hd.	3
31	69-8160	Tower - Steering	1
32	340-133	Fitting - Hydraulic Straight	3
		(Incl. Ref. #37 & 39)	
33	69-5500	Hose - Hydraulic	4
34	32128-23	Nut - Flange Lock	3
35	28-0380	Spacer	3
36	3290-378	Tie-Cable	5
37	237-22	Seal - O-Ring	4
38	69-6980	Valve - Check	1
		(Incl. Ref. # 37 & 39)	
39	237-79	Seal - O-Ring	4
40	71-4060	Rod - Brake Latch	1
41	69-8510	Cover - Steering Tower	1
42	32144-96	Screw - Mach. Round Hd.	3
43	3272-5	Pin - Cotter	1
44	3256-22	Washer - Flat	1
45	3-3251	Spring - Compression	1
46	69-0970	Panel - Control	1
47	62-5550	Decal	1

†Obtain Locally



T-0383A

POWER STEERING VALVE ASSEMBLY NO. 92-9748

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	52-9260	Screw - Set	1	16	69-1860	Gerotor	1
†2		Seal - 1" ID	1	17	69-1880	Spacer	1
3	52-9230	Ring - Retaining	1	18	92-9730	Cap - End	1
4	52-9240	Bushing - Gland Seal	1	19	92-9735	Screw - Cap	7
†5		Seal - 1.875" ID	1	20	59-6830	Kit - Centering Pin	1
†6		Seal - Quad Ring	1	21	52-9290	Retainer - Check Ball	1
7	59-6730	Race - Bearing	2	22	52-9280	Ball - Check	1
8	59-6740	Bearing - Needle Thrust	1	†23		Seal	1
†9		Housing	1	24	52-9270	Seat - Check Ball	1
†10		Sleeve - Control	1	†25		Seal	1
11	59-6820	Centering Spring Kit	1	*	52-9250	Needle Bearing Kit (Incl. Ref. #7-8)	1
†12		Spool - Control	1	*	92-9749	Seal Kit (Incl. Ref. #2, 5-6, 13, 23 & 25)	1
†13		Seal	3				
14	92-9732	Plate - Wear	1				
15	52-9320	Drive	1				

*Not Illustrated

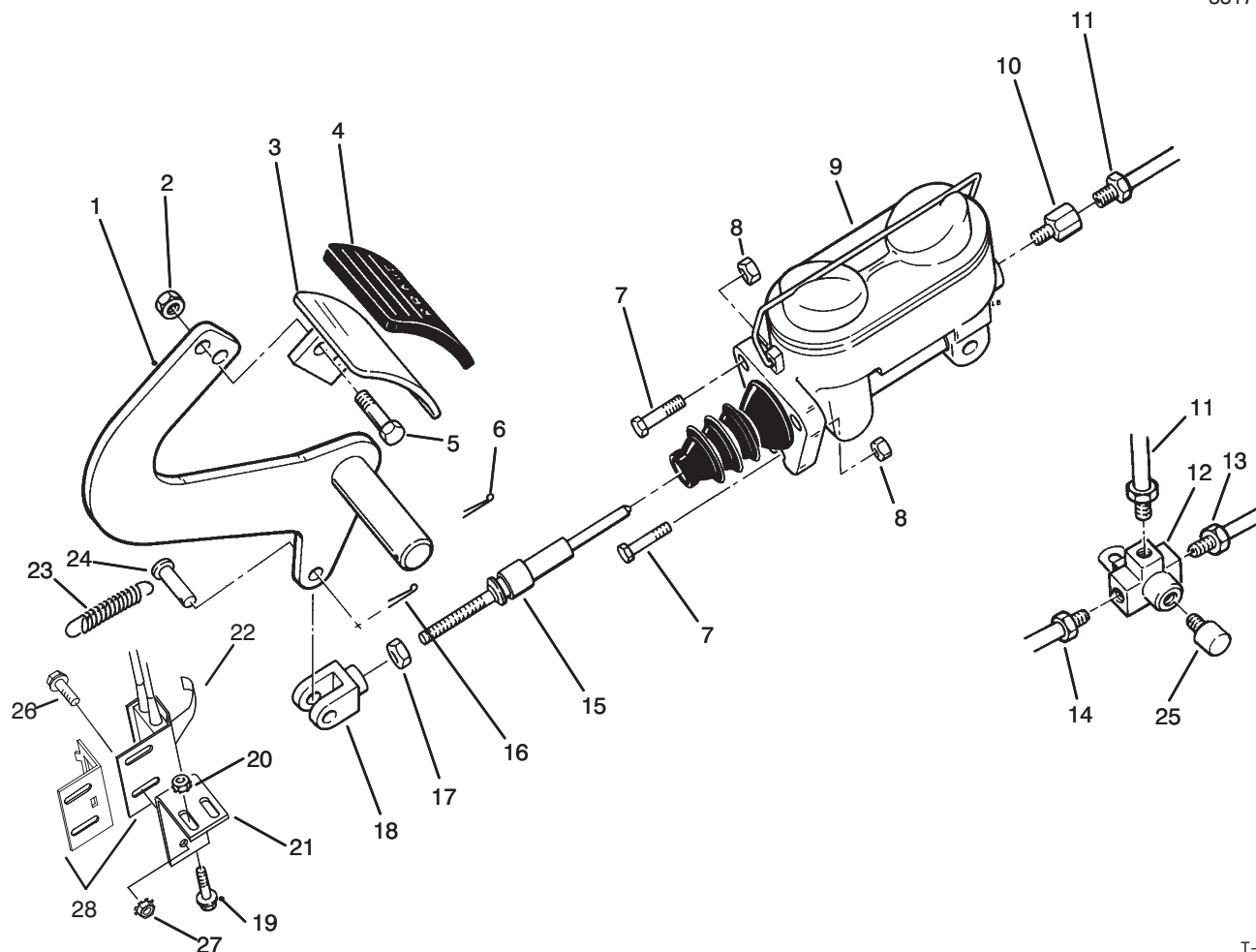
†Not Serviceable Separately

STEERING BRAKE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	256-247	Bushing - Flange	4
2	69-7890	Arm - Brake R.H. (Incl. Ref. #1 & 3)	1
3	302-5	Fitting - Grease	2
4	69-9210	Lever - Brake Latch	1
5	321-4	Screw - Cap Hex. Hd.	1
6	3272-5	Pin - Cotter	1
7	69-7720	Pawl - Brake	1
8	69-9200	Pin - Brake Pawl	1
9	3272-6	Pin - Cotter	2
10	321-2	Screw - Cap Hex. Hd.	1
11	69-7790	Pin - Brake Arm	1
12	32152-1	Nut - Lock	4
13	29-6163	Switch - Micro	1
14	3296-9	Nut - Lock	2

Ref. No.	Part No.	Description	No. Used
15	32152-4	Nut - Lock	2
16	69-7840	Mount - Brake Arm	1
17	32128-20	Nut - Lock	3
18	3234-14	Screw - Cap Hex. Hd.	3
19	49-6171	Pad - Brake Pedal L.H.	1
*	49-6172	Pad - Brake Pedal R.H.	1
20	69-7700	Pedal - Brake	2
21	323-4	Screw - Cap Hex. Hd.	4
22	69-5670	Cable - Brake	2
23	69-7880	Arm - Brake L.H. (Incl. Ref. #1 & 3)	1
24	283-1	Pin - Clevis	2
25	3290-307	Pin - Cotter, Hair	2
26	3249-11	Screw - Machine	2
*	3290-378	Tie - Cable	3

*Not Illustrated

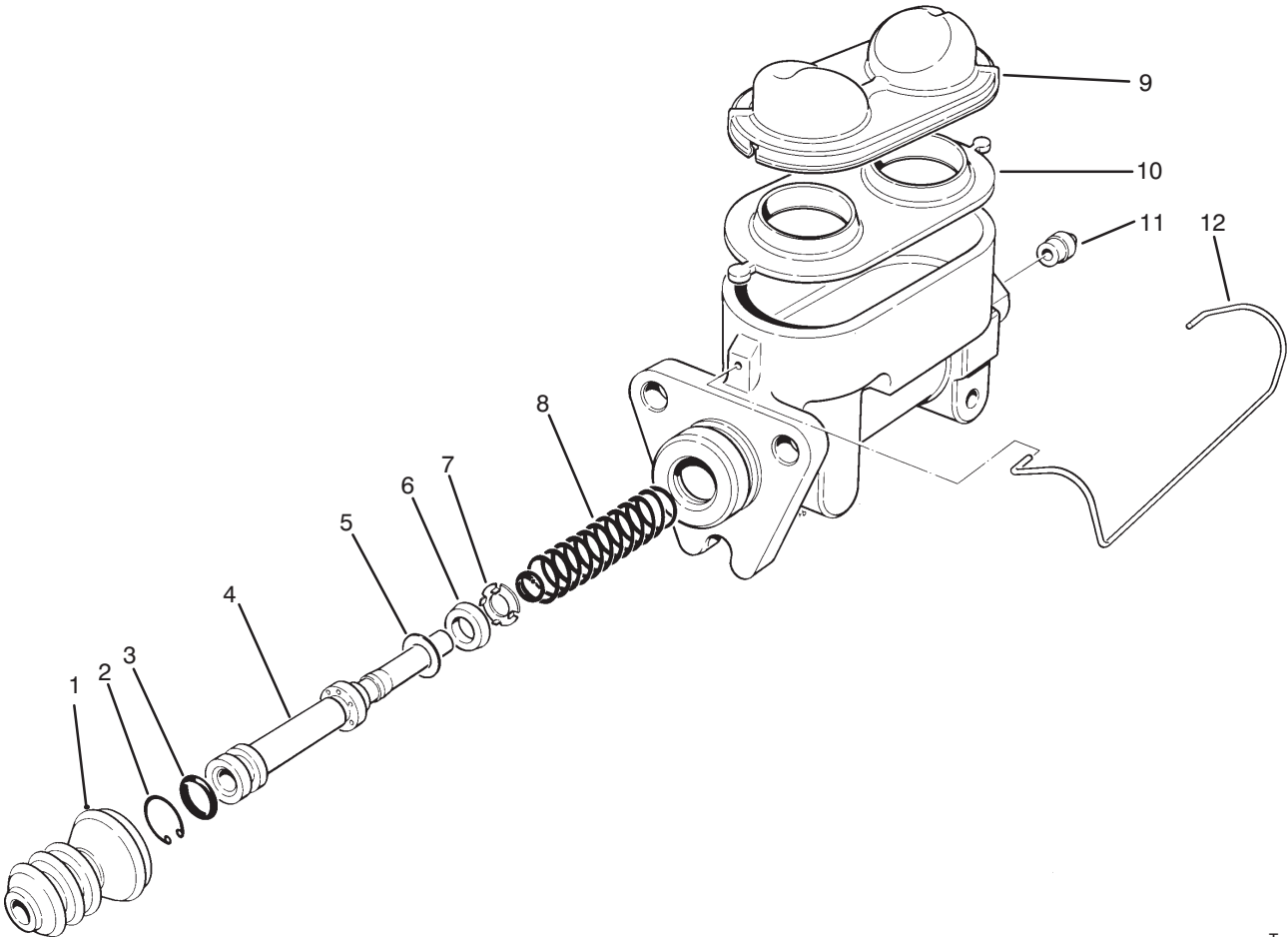


T-0341C

SERVICE BRAKE ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	69-8750	Arm - Brake	1	15	69-9340	Rod - Brake	1
2	32152-1	Nut - Lock	2	16	3272-10	Pin - Cotter	1
3	69-7700	Pedal - Brake	1	17	3220-2	Nut - Jam	1
4	49-6170	Pad - Brake	1	18	282-2	Clevis - Brake Rod	1
5	322-3	Screw - Cap Hex. Hd.	2	19	3234-13	Screw - Hex. Washer Hd.	2
6	3272-12	Pin - Cotter	1	20	32149-2	Nut - Keps	2
7	323-7	Screw - Cap Hex. Hd.	3	21	93-7039	Bracket - Service Brake	1
8	32128-21	Nut - Lock	3	22	93-7037	Switch	1
9	69-2640	Master Cylinder Assembly	1	23	21-1830	Spring - Extension	1
10	353-994	Adapter	1	24	283-1	Pin - Clevis	1
11	74-2530	Tube - Hydraulic	1	25	218-242	Switch - Brake	1
12	218-243	Fitting - Tee	1	26	32144-1	Screw - Hex. Hd.	2
13	74-2510	Tube - Hydraulic L.H.	1	27	32127-11	Nut - Flexlok	2
14	74-2520	Tube - Hydraulic R.H.	1	28	93-9337	Bracket - Switch	1

*Not Illustrated



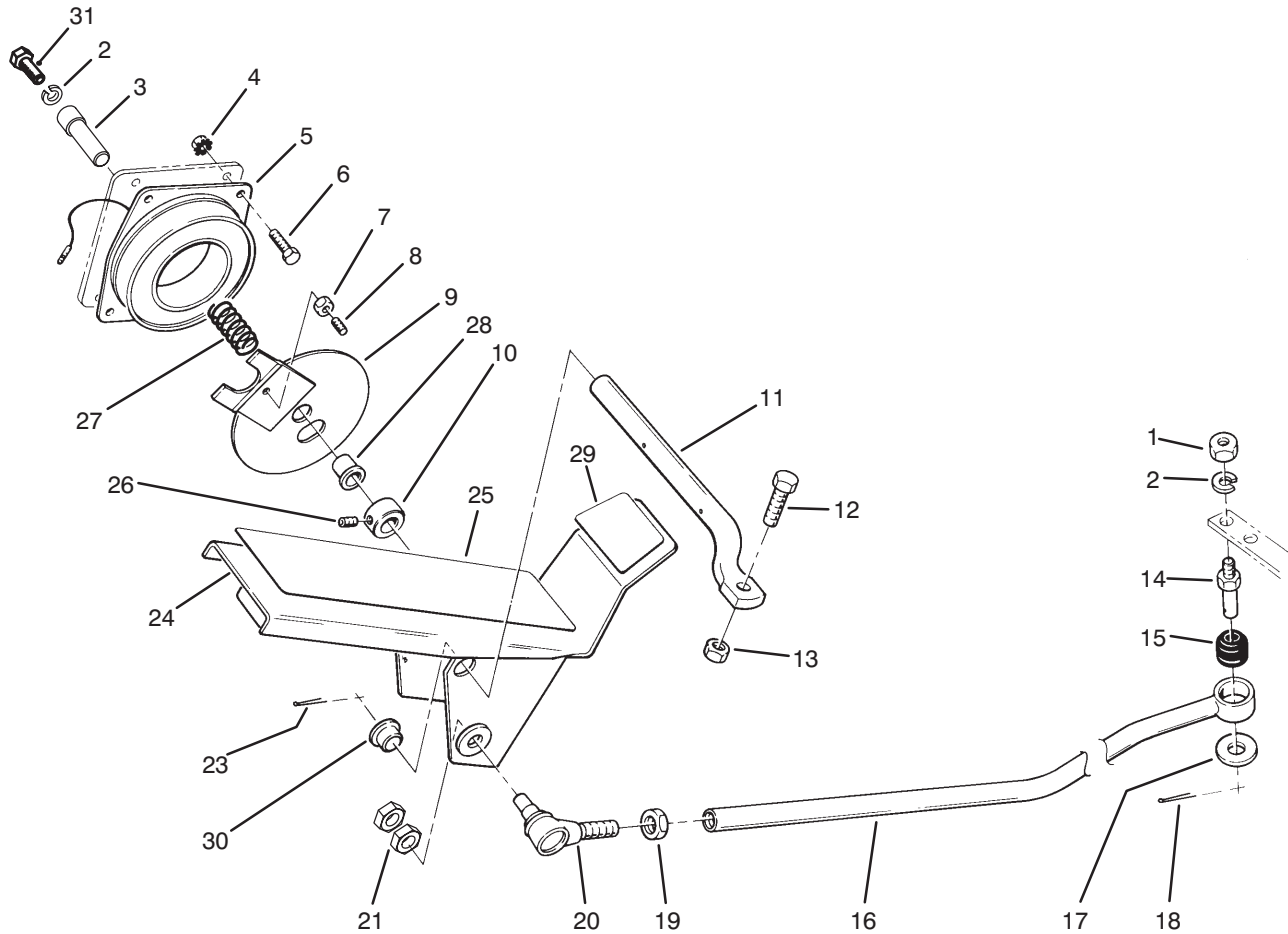
T-0384

BRAKE SYSTEM MASTER CYLINDER NO. 69-2640

Ref. No.	Part No.	Description	No. Used
1	69-2650	Boot - Rod	1
2	69-2660	Ring - Retaining	1
†3		Seal - Lip	1
†4		Piston	1
†5		Protector - Cup	1
†6		Cup - Pumping	1
†7		Retainer - Cup	1

Ref. No.	Part No.	Description	No. Used
†8		Spring - Piston Return	1
9	69-2750	Cover - Reservoir	1
10	69-2760	Gasket - Diaphragm	1
11	69-2770	Seat - Tube	1
12	69-2740	Bail - Cover	1
*	69-2730	Piston Assembly (Incl. Ref. #3-8)	1

*Not Illustrated
†Not serviceable separately.

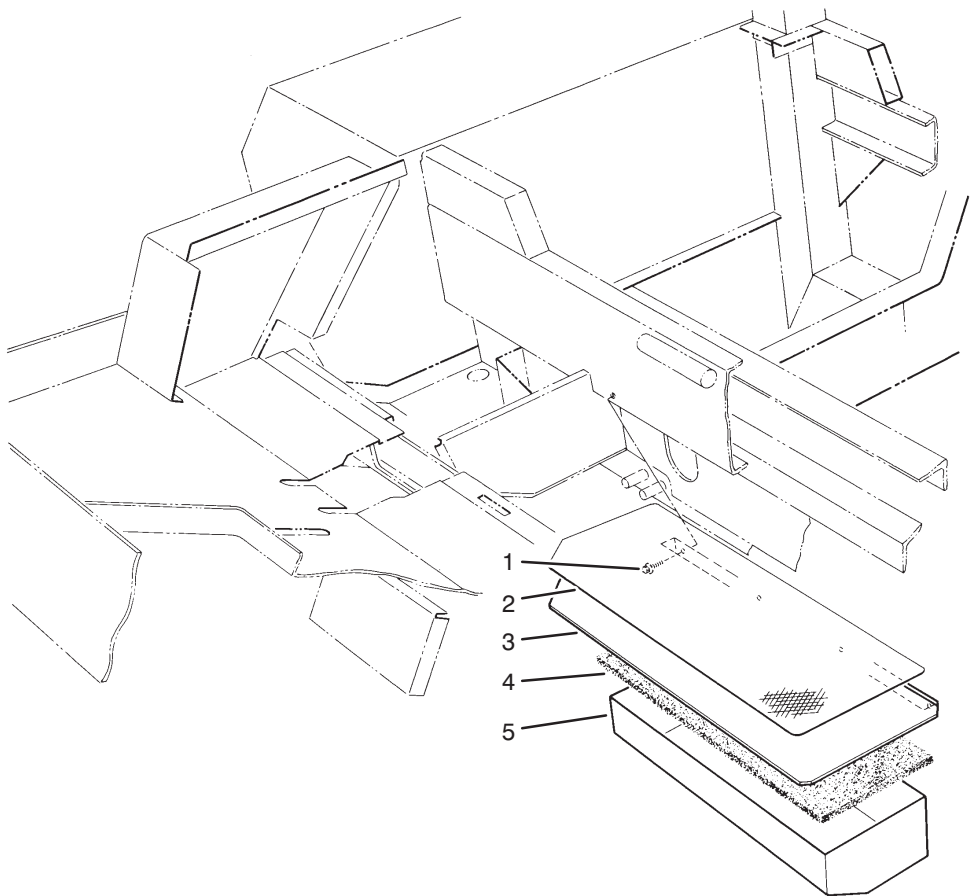


T-0351A

TRACTION PEDAL & CRUISE CONTROL ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3217-7	Nut - Lock	1
2	3253-21	Washer - Lock	2
3	92-9701	Shaft - Cruise Control	1
4	32149-2	Nut - Keps	4
5	42-1720	Field Core Coil Assembly	1
6	321-3	Screw - Cap Hex. Hd.	4
7	3217-26	Nut - Lock	1
8	3245-31	Screw - Set	1
9	43-6110	Plate - Clutch	1
10	43-6320	Collar - Locking	1
11	69-9390	Shaft - Pedal	1
12	3234-14	Screw - Cap Hex. Hd.	1
13	32128-20	Nut - Lock	1
14	69-9030	Post - Neutral Device	1
15	23-2270	Bushing - Rubber	1

Ref. No.	Part No.	Description	No. Used
16	74-2700	Rod - Control	1
17	3256-6	Washer - Flat	1
18	3272-10	Pin - Cotter	1
19	3220-5	Nut - Jam	1
20	21-0141	Joint - Ball	1
21	3220-3	Nut - Jam	2
23	3272-7	Pin - Cotter	2
24	69-7650	Pedal - Traction	1
25	71-0440	Abrasive - Pedal Front	1
26	3245-32	Screw - Set	1
27	43-6200	Spring - Compression	1
28	256-273	Bushing - Flange	1
29	71-0450	Abrasive - Pedal Rear	1
30	256-156	Bushing - Flange	2
31	323-6	Screw - Cap Hex. Hd.	1



T-0876

TOOL BOX ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	69-8110	Box - Tool	1
2	69-9430	Foam - Tool Box	1
3	69-8080	Cover - Tool Box	1

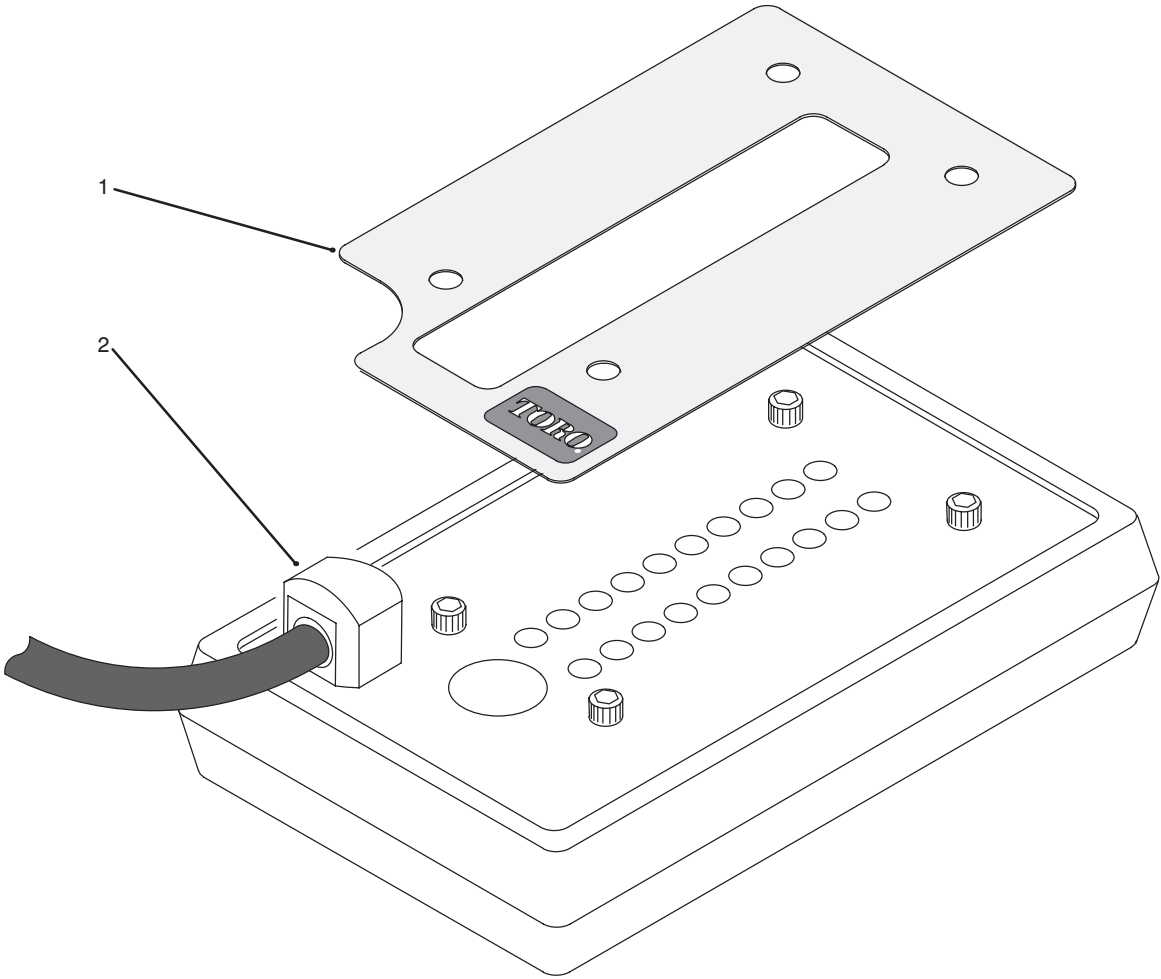
Ref. No.	Part No.	Description	No. Used
4	71-0410	Cover - Abrasive	1
5	3234-14	Screw - Hex. Flange Hd.	4

T-0340C

CONTROL BOX ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	69-9560	Housing - Control	1	19	3253-21	Washer - Lock	4
2	3234-7	Screw - Hex. Washer Hd.	11	21	3296-2	Nut - Lock	6
3	80-9330	Alarm - Audio	1	22	92-5720	Controller	1
4	323-4	Screw - Cap Hex. Hd.	4	23	32149-7	Nut - Keps	3
5	88-9430	Decal - Fuse	1	24	67-7160	Block - Fuse	4
6	69-6260	Magnet	1	25	3234-14	Screw - Cap Hex. Hd.	2
7	32105-12	Screw - Hex. Socket Hd.	2	26	69-8210	Support - Cover	1
8	32105-13	Screw - Hex. Hd.	4	27	32128-20	Nut - Flange Lock	2
9	32122-53	Screw - Phil. Truss Hd.	2	32	80-4890	Decal - Service	1
10	43-4000	Breaker - Circuit 40A	1	33	218-581	Fuse - 15A	6
11	3290-133	Screw - Round Hd.	4	34	92-8661	Tab	3
12	3256-22	Washer - Flat	4	35	3229-8	Bolt - Carriage	3
13	69-7040	Holder - Cup	1	36	32149-2	Nut - Keps	3
14	321-3	Screw - Cap Hex. Hd.	4	*	88-9420	Wire Harness Assembly (Incl. Ref. #24)	1
15	3253-3	Washer - Lock	4	*	218-573	Fuse - 5A	1
16	71-2430	Plate - Rear	1	*	3290-378	Tie - Cable	25
17	71-4130	Support - Control	1				
18	3290-378	Tie - Cable	2				

*Not Illustrated

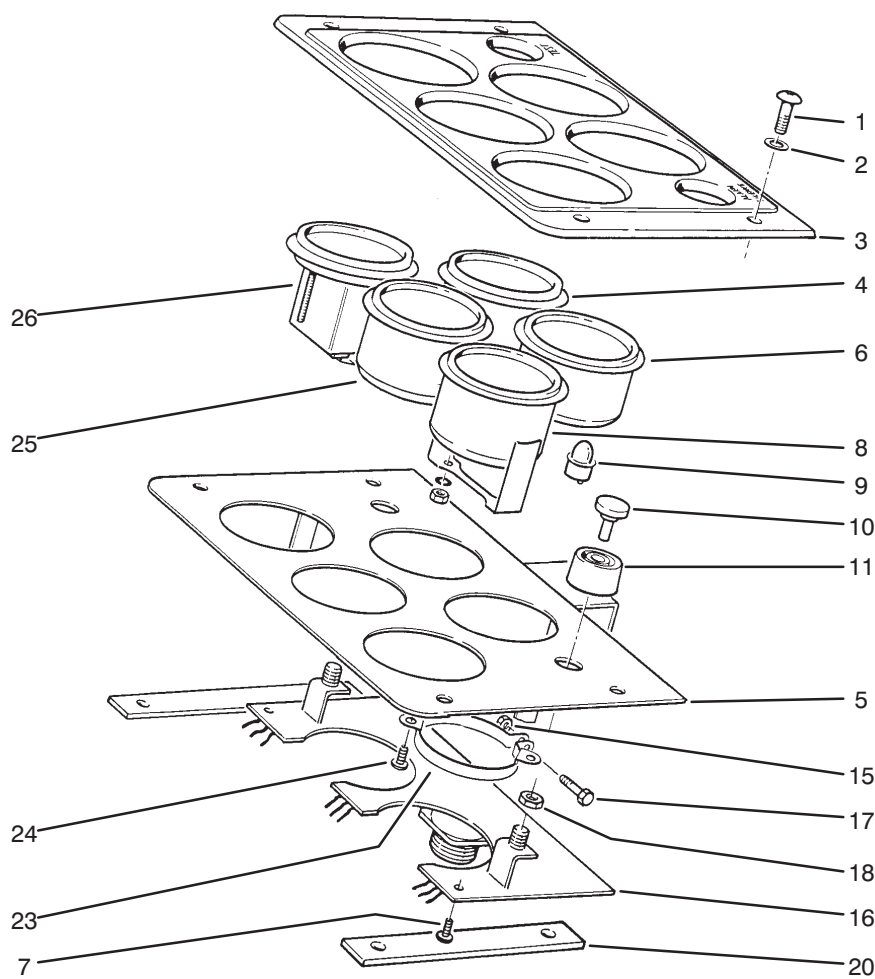


T-1458

DIAGNOSTIC DISPLAY ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	92-4087	Decal - Diagnostic V2.0 GM 580D	1

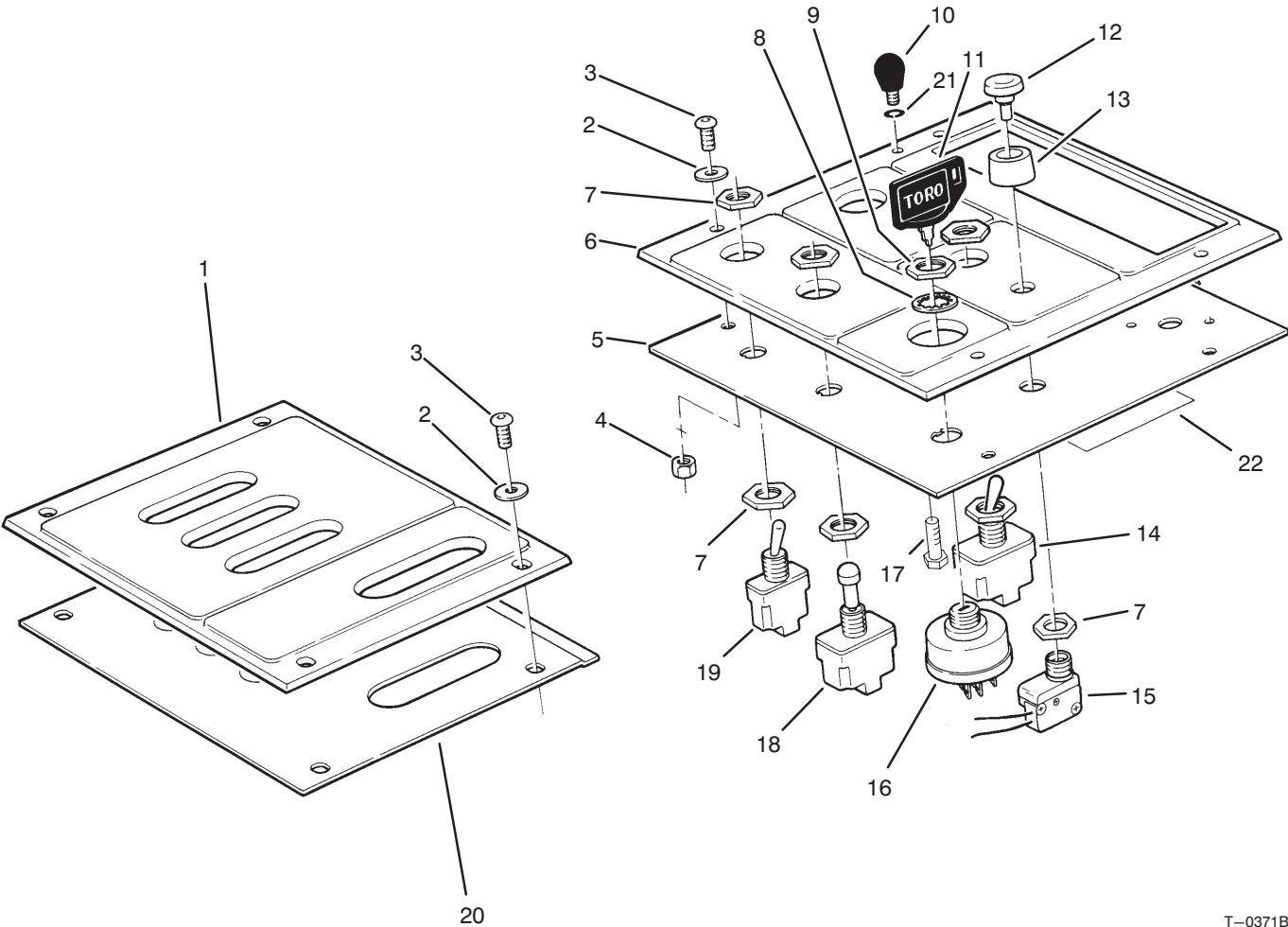
Ref. No.	Part No.	Description	No. Used
2	85-4750	Display - Diagnostic	1



T-1448

UPPER CONTROL PANEL ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	3290-133	Screw - Round Hd.	4	11	43-6420	Bezel	2
2	3256-23	Washer	4	15	3296-2	Nut - Lock	2
3	71-4230	Panel	1	16	92-1771	Board - Instrument	1
4	71-4210	Cluster - Warning Light	1	17	32105-1	Screw - Cap Hex. Hd.	2
5	86-7410	Plate - Gage	1	18	218-498	Nut	2
6	71-4200	Cluster - Warning Light	1	20	71-4250	Spacer	2
7	32104-16	Screw - Tapping	4	23	69-4780	Clamp - Gauge	2
8	63-7430	Gauge - Temperature	1	24	32144-19	Screw - Round Hd.	4
9	219-17	Bulb - Light	8	25	66-2940	Gauge - Fuel	1
10	43-6280	Button	2	26	66-2950	Hourmeter	1



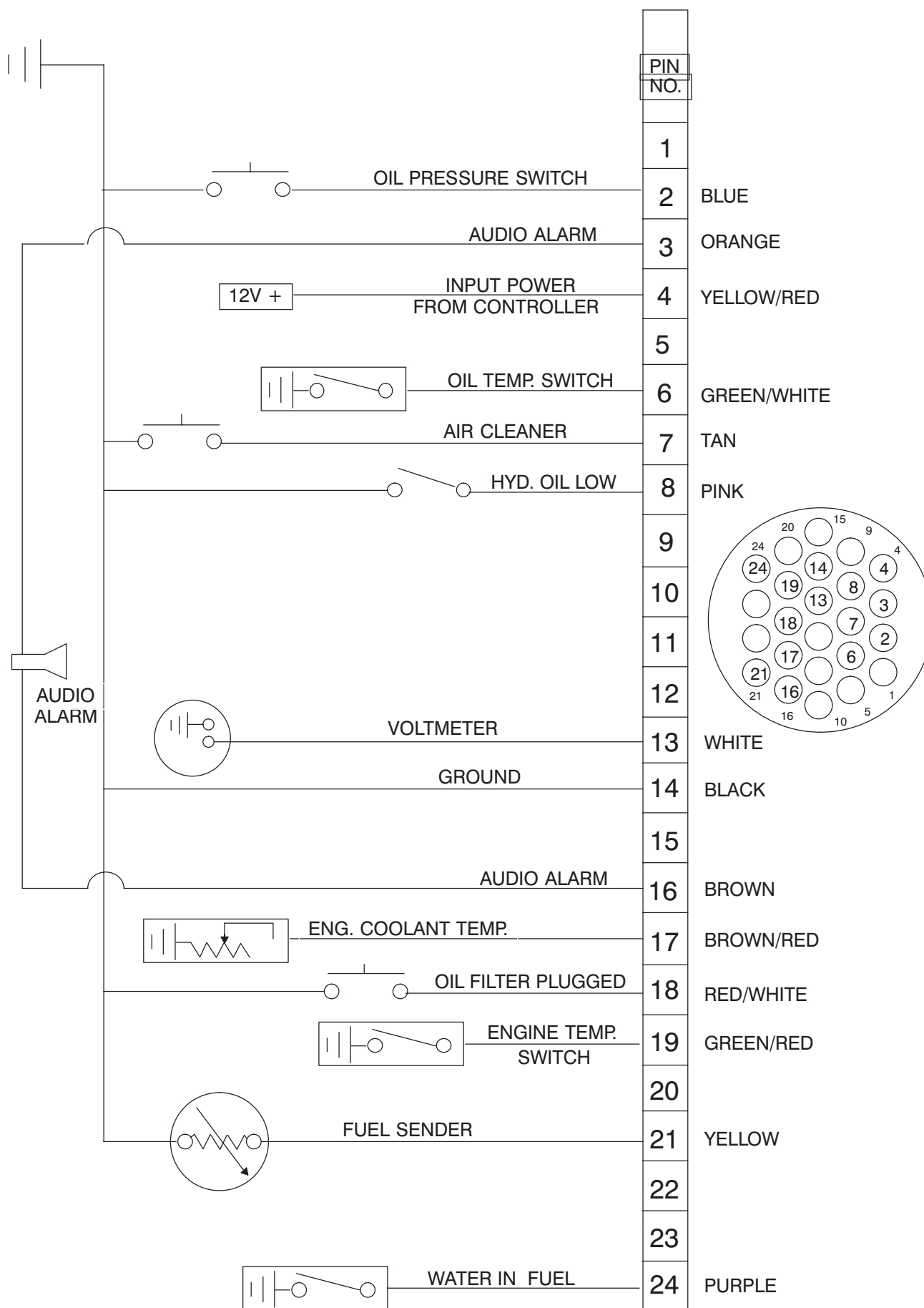
T-0371B

LOWER CONTROL PANEL ASSEMBLY

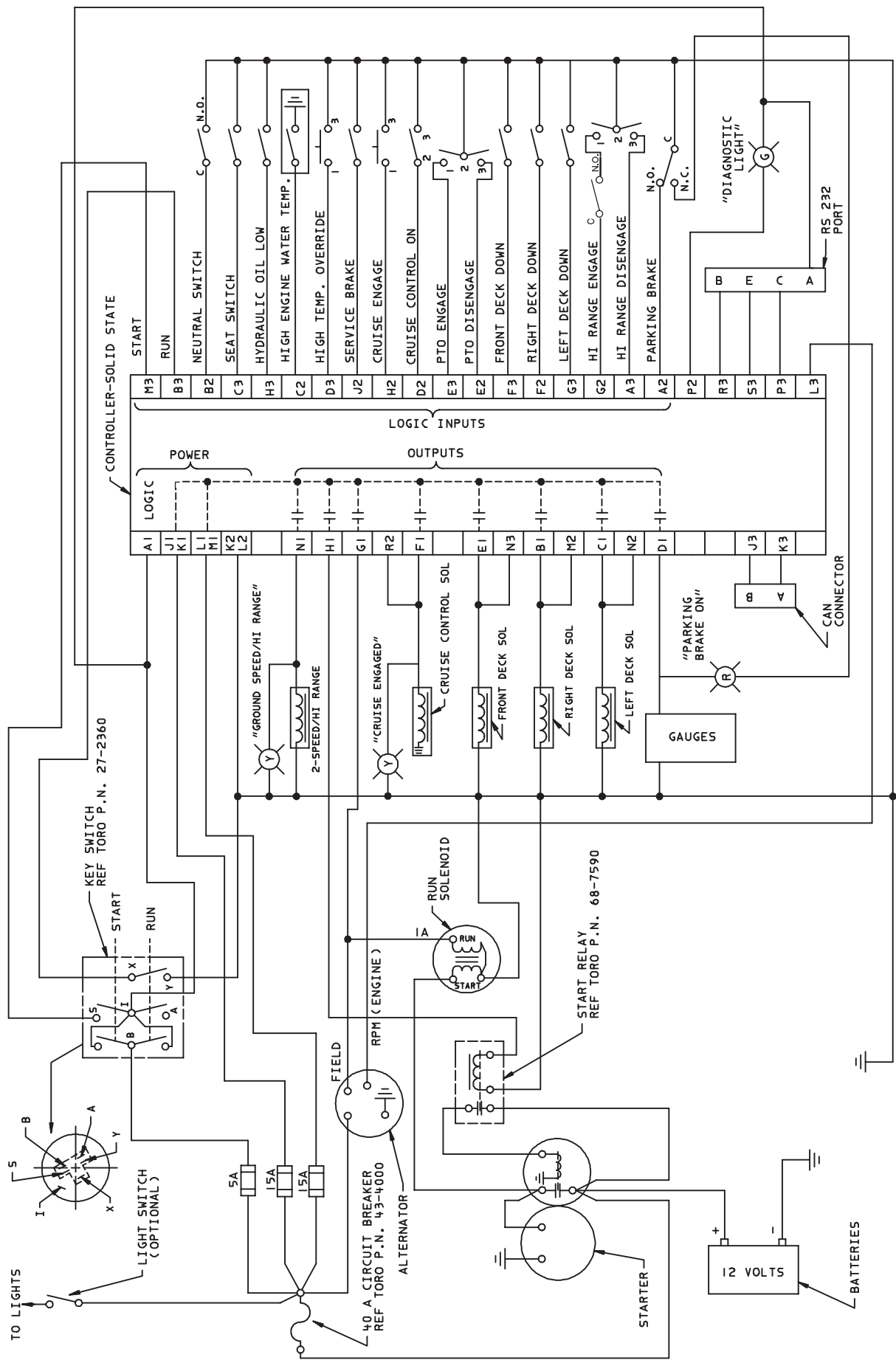
Ref. No.	Part No.	Description	No. Used
1	69-0980	Panel - Lever	1
2	3256-22	Washer - Flat	8
3	3290-133	Screw - Round Hd.	8
4	3296-42	Nut - Lock	4
5	71-2460	Plate - Control	1
6	69-0990	Panel - Control	1
7	218-498	Nut - Hex	10
8	218-447	Washer - Lock	1
9	218-446	Nut - Hex	1
10	233-66	Knob	1
11	63-8360	Key - Ignition	1
12	43-6280	Button	2
13	43-6420	Bezel	2
14	69-9740	Switch - Toggle (Incl. Ref. #7)	1

Ref. No.	Part No.	Description	No. Used
15	72-9760	Switch (Incl. Ref. #7, 12 & 13)	2
16	27-2360	Switch - Ignition (Incl. Ref. #8 & 9)	1
17	3290-392	Screw - HH	1
18	69-9730	Switch - Toggle (Incl. Ref. #7)	1
19	71-4170	Switch - Toggle (Incl. Ref. #7)	1
20	69-9310	Plate - Lever	1
21	3253-15	Washer - Lock	A/R
22	74-2340	Decal - Fuse	1

ELECTRICAL SCHEMATIC

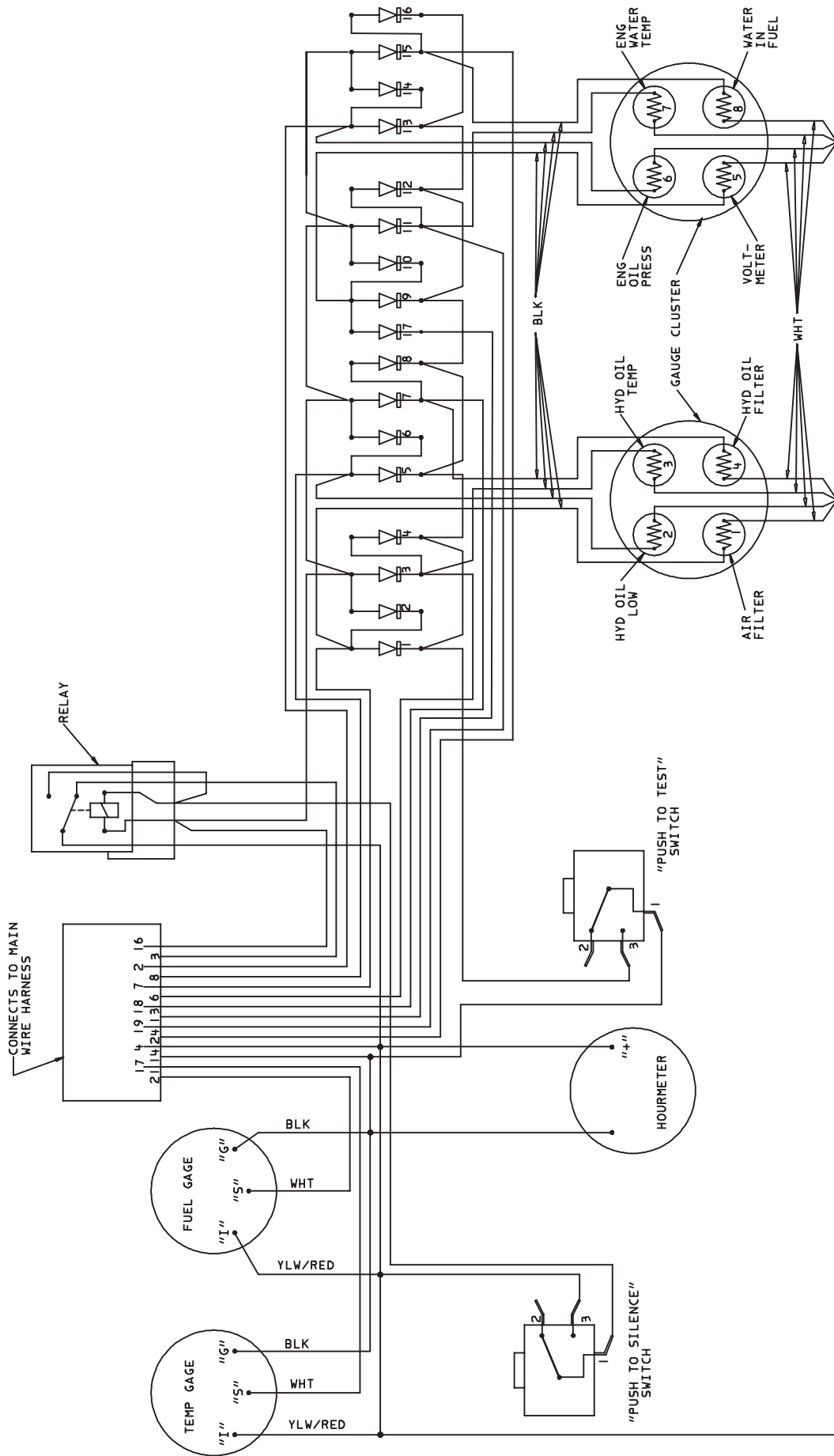


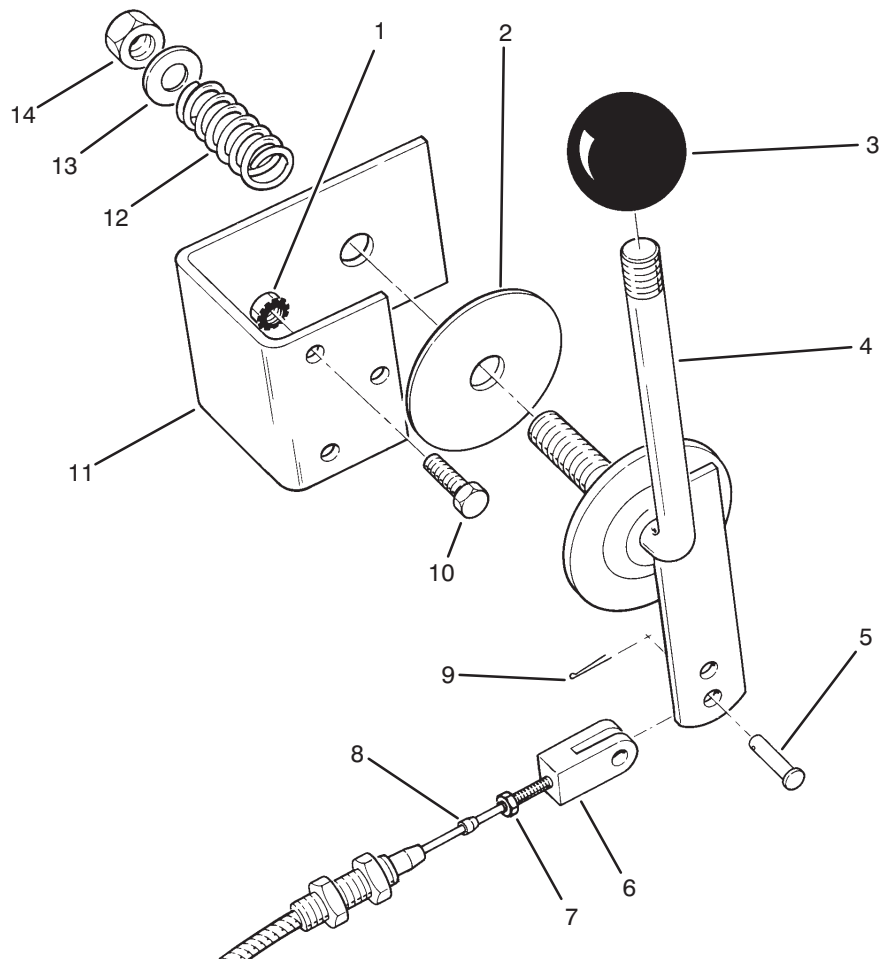
CONTROLLER ELECTRICAL SCHEMATIC



CONNECTION DIAGRAM

OPERATORS CONTROL PANEL ELECTRICAL SCHEMATIC





T-0352A

THROTTLE ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	3296-42	Nut - Keps	3	8	77-2990	Cable - Throttle	1
2	3-2858	Disc - Friction	1	9	3272-1	Pin - Cotter	3
3	233-48	Knob	1	10	321-3	Screw - Cap Hex. Hd.	3
4	69-8040	Arm - Throttle	1	11	69-9130	Bracket - Throttle	1
5	283-67	Pin - Clevis Arm End	1	12	3-8596	Spring - Compression	1
*	69-0090	Pin - Clevis Engine End	1	13	3256-26	Washer - Flat	1
6	282-28	Clevis - Adjustable	2	14	3296-23	Nut - Lock	1
7	3219-14	Nut - Hex.	2				

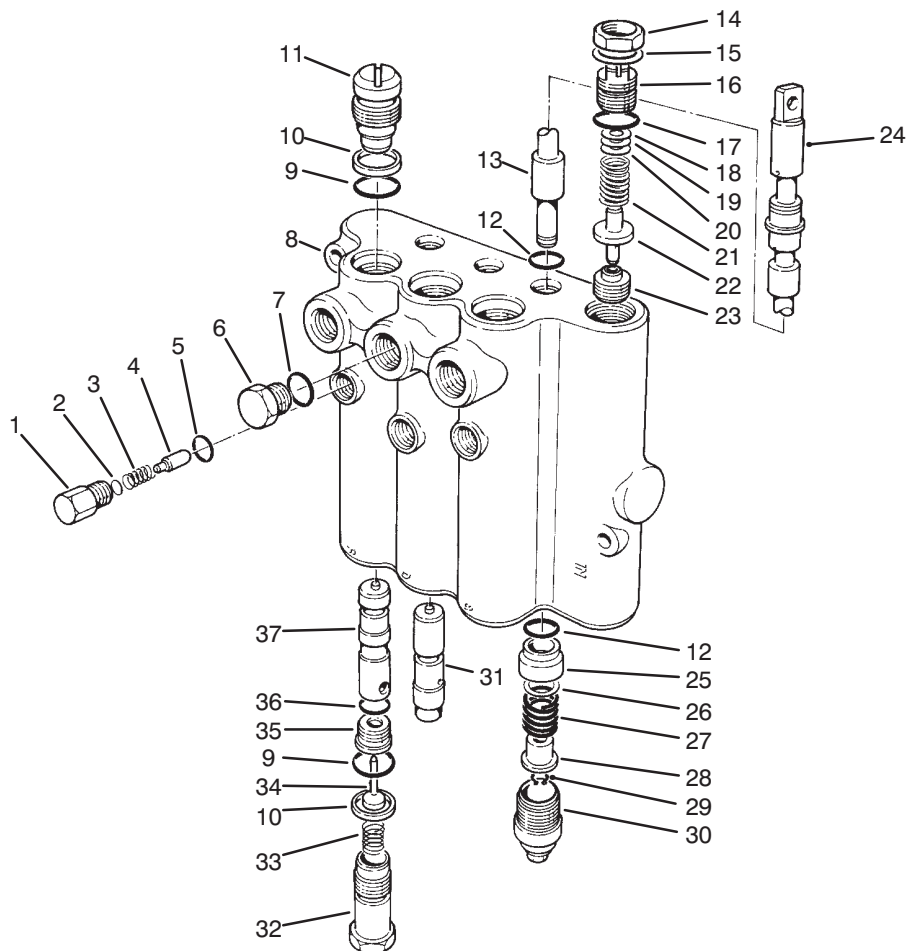
*Not Illustrated

T-0355

LIFT VALVE INSTALLATION ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	321-10	Screw - Cap Hex. Hd.	2	14	237-22	Seal - O-Ring	9
2	69-1780	Lift Valve Assembly	1	15	340-86	Fitting - Hydraulic Tee (Incl. Ref. #14 & 24)	2
3	233-42	Knob	3	16	69-5860	Tube - Hydraulic	1
4	3272-1	Pin - Cotter	6	17	69-5720	Tube - Hydraulic	1
5	69-7010	Lever - Valve L.H.	1	18	69-5700	Tube - Hydraulic	1
*	69-6990	Lever - Valve Mid.	1	19	69-5740	Tube - Hydraulic	1
*	69-7000	Lever - Valve R.H.	1	20	69-5680	Tube - Hydraulic	1
6	69-9140	Link - Valve Lever	3	21	69-5890	Tube - Hydraulic	1
7	32149-2	Nut - Keps	2	22	69-5870	Tube - Hydraulic	1
8	3234-14	Screw - Hex. Flange Hd.	6	23	340-2	Fitting - Hydraulic Straight (Incl. Ref. #14 & 24)	3
9	69-9150	Shaft - Valve Lever	1	24	237-42	Seal - O-Ring	5
10	3272-6	Pin - Cotter	2	25	3254-6	Washer - Lock	1
11	69-7810	Bracket - Valve	1	26	69-4060	Counterbalance Manifold Assembly	1
12	237-79	Seal - O-Ring	2				
13	340-3	Fitting - Hydraulic Straight (Incl. Ref. #12 & 14)	2				

*Not Illustrated



T-0379

LIFT VALVE ASSEMBLY NO. 69-1780

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	58-6780	Plug Assy. (Incl. Ref. #5)	3	21	69-1820	Spring - Black	1
2	60-6450	Disc	A/R	22	58-6440	Poppet	1
3	58-6760	Spring	3	†23		Seat	1
4	58-6770	Plunger - Detent	3	24	58-6320	Wiper - Seal	3
5	58-6790	Seal - O-Ring	3	25	58-6400	Bushing	3
6	58-6710	Plug Assy. (Incl. Ref. #7)	1	26	58-6700	Washer	3
7	58-6720	Seal - O-Ring	1	27	58-6730	Spring	3
†8		Body	1	28	58-6310	Spacer	3
9	60-5720	Seal - O-Ring	6	29	58-6460	Ring - Retaining	3
10	58-6370	Washer - Back-Up	6	30	58-6420	Cap Assembly	3
11	58-6350	Plug Assembly (Incl. Ref. #9-10)	3	31	69-1840	Plunger	1
12	58-6450	Seal - O-Ring	6	32	69-1800	Plug Assembly (Incl. Ref. #9-10)	3
†13		Spool	3	33	69-1810	Spring	3
14		Nut - Lock	1	34	58-6290	Poppet Assembly	3
15		Washer	1	35	58-6330	Seat Assy. (Incl. Ref. #36)	3
16	69-1830	Plug Assembly (Incl. Ref. #14, 15 & 17)	1	36	58-6340	Seal - O-Ring	3
17	58-6750	Seal - O-Ring	1	37	69-1790	Plunger	2
18	58-6470	Washer	A/R	*	60-3780	Seal Kit (Incl. Ref. #5, 7, 9, 10, 12, 17, 24, 29, 34, & 36)	
19	58-6480	Washer	A/R				
20	58-6490	Washer	A/R				

*Not Illustrated

†Not Serviceable Separately

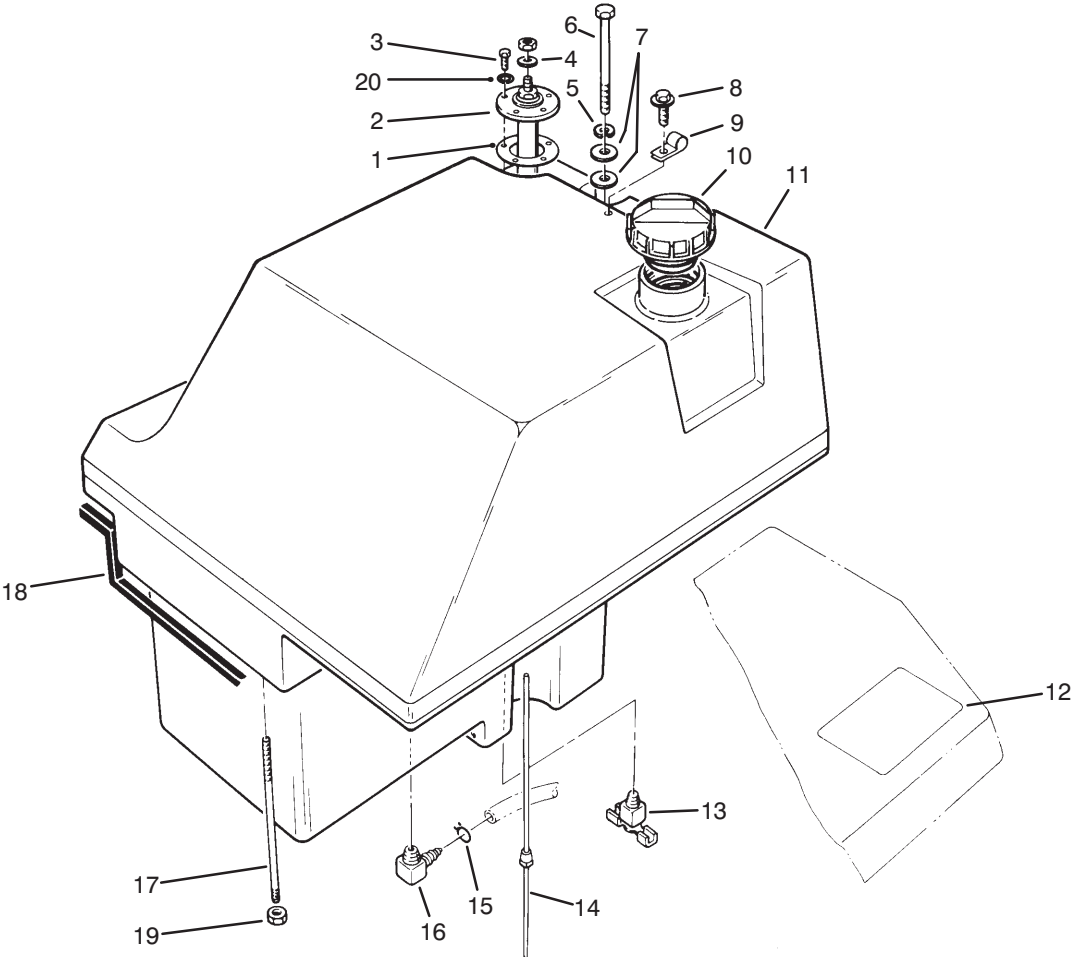
T-0356A

COUNTERBALANCE MANIFOLD ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	69-4080	Valve - Hydraulic Cartridge (Incl. Ref. #2)	1
2	75-2080	Kit - Seal	2
3	353-990	Plug - Hose (Incl. Ref. #4)	2
4	237-78	Seal - O-Ring	2
5	69-5890	Tube - Hydraulic	1
6	237-21	Seal - O-Ring	2
7	340-92	Fitting - Hydraulic Straight (Incl. Ref. #6 & 8)	2
8	237-78	Seal - O-Ring	3
9	69-5680	Tube - Hydraulic	1
10	69-4120	Valve - Hydraulic Cartridge (Incl. Ref. #11)	1
11	69-4240	Kit - Seal	1
12	353-991	Plug - Hole (Incl. Ref. #13)	8
13	237-156	Seal - O-Ring	8
14	69-4070	Manifold - Counter Balance	1
15	69-4100	Valve - Hydraulic Cartridge (Incl. Ref. #2)	1
16	353-566	Tee - Hydraulic (Incl. Ref. #8)	1
17	92-4967	Tube - Hydraulic	1
18	69-5850	Tube - Hydraulic	1
19	69-5910	Tube - Hydraulic	1
20	69-5710	Tube - Hydraulic	1
21	237-22	Seal - O-Ring	7

Ref. No.	Part No.	Description	No. Used
22	237-30	Seal - O-Ring	2
23	340-4	Fitting - Hydraulic Straight (Incl. Ref. #22 & 24)	2
24	237-79	Seal - O-Ring	2
25	93-7192	Hose - Hydraulic Diagnostic	1
26	340-2	Fitting - Hydraulic Straight (Incl. Ref. #21 & 27)	5
27	237-42	Seal - O-Ring	6
28	69-5870	Tube - Hydraulic	1
29	69-4250	Kit - Seal	3
30	69-4110	Valve - Hydraulic Cartridge (Incl. Ref. #29)	2
31	69-5820	Tube - Hydraulic	1
32	69-5830	Tube - Hydraulic	1
33	69-5730	Tube - Hydraulic	1
34	69-5860	Tube - Hydraulic	1
35	340-94	Tee - Hydraulic (Incl. Ref. #21 & 27)	1
36	69-4090	Valve - Hydraulic Cartridge (Incl. Ref. #29)	1
37	69-5920	Tube - Hydraulic	1
*	69-4060	Counterbalance Manifold (Incl. Ref. #1-4, 10-15, 29, 30 & 36)	1
38	69-4140	Plug - Orifice .120	1
39	69-4130	Plug - Orifice .047	2

*Not Illustrated



T-0353B

FUEL TANK ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	62-7650	Gasket - Level Sensing Unit	1	11	80-0010	Tank - Fuel	1
2	70-6990	Level Sensing Unit Assembly	1	12	69-0930	Decal - Warning	1
3	32122-24	Screw - Cap Hex. Hd.	5	13	304-46	Drain - Fuel Tank	1
4	5-3637	Spacer - Terminal	1	14	69-7200	Tube - Vent	1
5	3253-21	Washer - Lock	2	15	2412-6	Clamp - Hose	1
6	323-21	Screw - Cap Hex. Hd.	1	16	353-536	Fitting - Fuel 90° Elbow	1
7	3256-5	Washer - Flat	2	17	72-9550	Stud - Fuel Tank	1
8	3234-13	Screw - Hex. Washer Hd.	1	18	68-7572	Strip - Sealing	1
9	2412-89	Clamp - R	1	19	3217-7	Nut - Hex.	1
10	93-3102	Cap - Fuel	1	20	3253-15	Washer - Lock	5

T-0354A

HYDRAULIC TANK ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	237-81	Seal - O-Ring	1
2	69-1170	Gauge - Sight (Incl. Ref. #1)	1
3	85-6260	Level Sensing Unit	1
4	77-5390	Tank - Hydraulic	1
5	323-10	Screw - Cap Hex. Hd.	4
6	3253-21	Washer - Lock	4
7	5-3177	Washer - Flat	4
8	69-1610	Adapter - Suction Hose	1
9	3253-3	Washer - Lock	10
10	321-5	Screw - Cap Hex. Hd.	10
11	2412-34	Clamp - Hose	1
12	69-5640	Hose - Suction	1
13	2412-42	Clamp - Hose	4
14	69-5370	Hose - Auxiliary Suction	1
15	2412-3	Clamp - Hose	1
16	237-157	Seal - O-Ring	1
17	69-1650	Screen - Suction	1

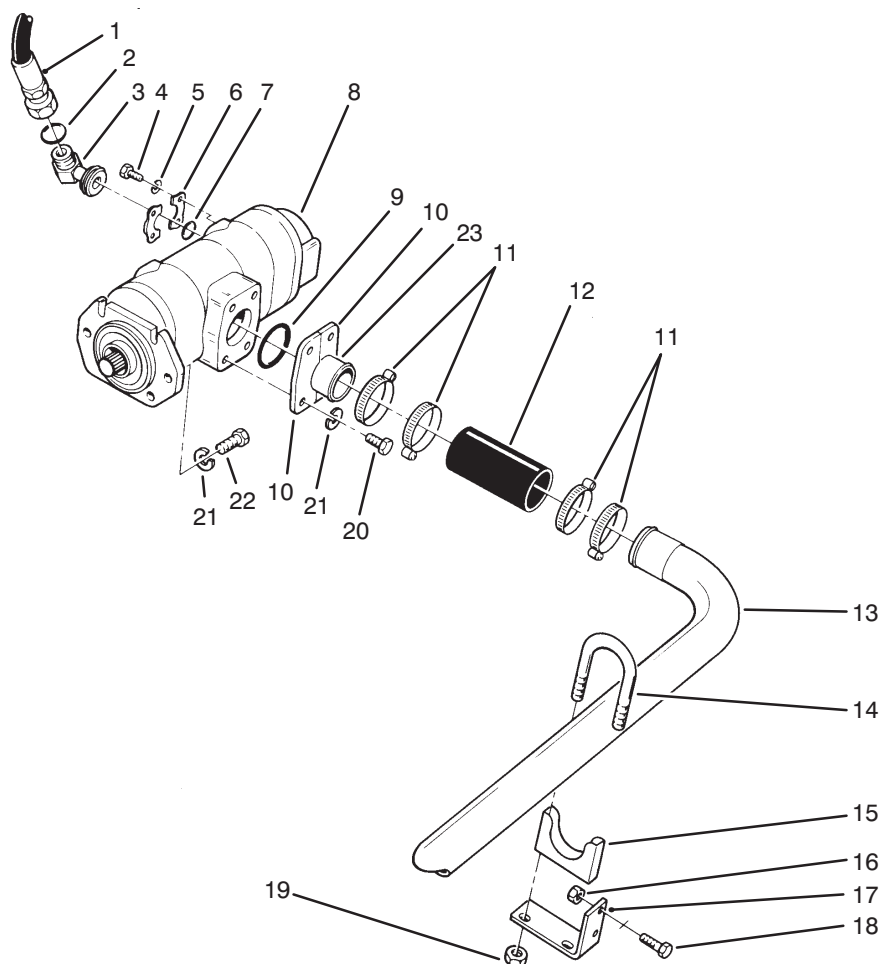
Ref. No.	Part No.	Description	No. Used
18	340-130	Fitting - Hydraulic 90° (Incl. Ref. #19 & 21)	1
19	237-80	Seal - O-Ring	3
20	69-5800	Tube - Hydraulic	1
21	237-22	Seal - O-Ring	2
22	340-3	Fitting - Hydraulic Straight (Incl. Ref. #21 & 23)	1
23	237-79	Seal - O-Ring	1
24	68-7571	Strip - Sealing	1
26	321-2	Screw - Cap, Hex. Hd.	1
27	75-0540	Tether - Cap, Reservoir	1
31	71-2680	Hose - Vent	1
32	2412-108	Clamp - Hose	2
33	69-4280	Tube - Hydraulic Vent	1
34	61-2790	Filler - Screen	1
35	2410-73	Pin - Tether	1
36	93-3103	Cap - Hydraulic (Incl. Ref. #27 & 35)	1
37	92-4970	Hose - Hydraulic	1

HYDRAULIC FILTER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	237–80	Seal – O–Ring	1
2	340–22	Fitting – Hydraulic Tee (Incl. Ref. #1 & 3)	1
3	237–65	Seal – O–Ring	2
4	92–4807	Tube – Hydraulic	1
5	237–22	Seal – O–Ring	3
7	237–58	Seal – O–Ring	1
9	2412–92	Clamp – Hose	4
10	69–5410	Manifold – Return (Incl. Ref. #5, 13 & 24)	1
11	69–6000	Tube – Hydraulic (Incl. Ref. #5)	1
12	69–5990	Tube – Hydraulic (Incl. Ref. #5)	1
13	237–30	Seal – O–Ring	2
14	69–5460	Hose – Hydraulic	1
15	39–7593	Temperature Sending Unit	1
16	3253–2	Washer – Lock	1
17	3219–14	Nut – Hex.	1
18	69–5650	Hose – Hydraulic	1
19	69–1700	Hydraulic Filter Assembly (Incl. Ref. #20, 21 & 25–27)	1
20	237–155	Seal – O–Ring	1
21	69–1720	Element – Filter (Incl. Ref. #20)	1

Ref. No.	Part No.	Description	No. Used
22	340–65	Seal – O–Ring	1
23	340–79	Fitting – Hydraulic 90° (Incl. Ref. #22 & 24)	1
24	237–101	Seal – O–Ring	2
25	69–1710	Indicator – Filter (Incl. Ref. # 26 & 27)	1
†26		Seal – O–Ring	1
†27		Seal – O–Ring	1
28	323–4	Screw – Cap Hex. Hd.	3
29	3253–21	Washer – Lock	3
30	69–5440	Hose – Hydraulic	1
31	69–8440	Hose – Hydraulic	1
32	69–5950	Tube – Hydraulic	1
34	74–2660	Hose – Hydraulic Return	1
35	92–2352	Hose – Hydraulic	1
36	92–2351	Fitting – Tank Return (Incl. Ref. #7 & 37)	1
37	340–136	Seal – O–Ring	1
38	340–150	Cap – Hydraulic	1
39	2412–129	Clamp – Hose	1
40	92–1742	Tube – Hydraulic	1
41	32152–1	Nut – Lock	3
42	56–7978	Clamp Half – Hydraulic Line	6
43	69–9761	Plate – Cover	3
44	322–12	Screw – Cap Hex. Hd.	3

†Not serviceable separately.

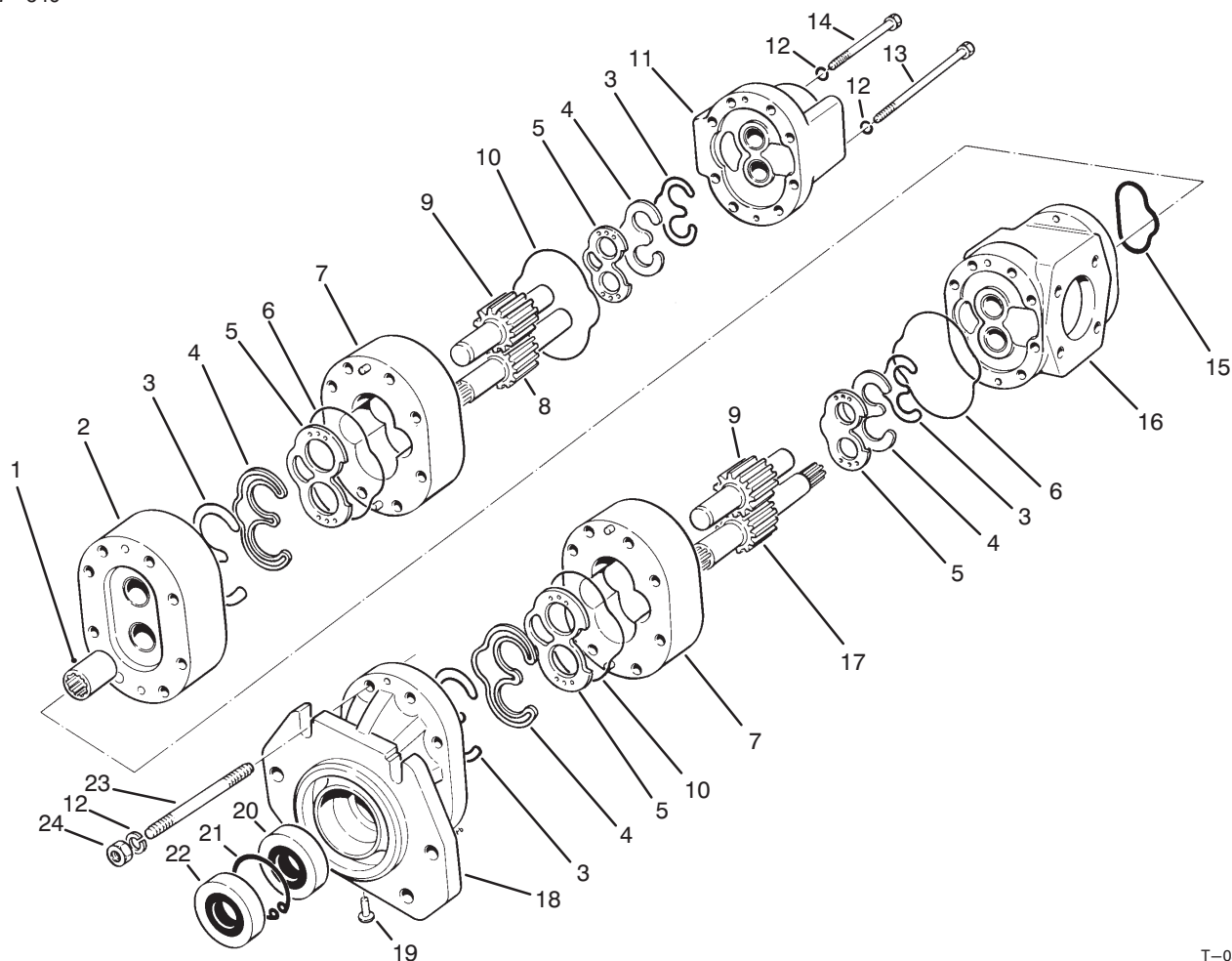


T-0349

HYDRAULIC PUMP INSTALLATION ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	69-5590	Hydraulic Hose Assembly	2	13	69-6110	Hydraulic Tube Assembly	1
2	237-58	Seal - O-Ring	2	†14		Bolt - U	2
3	69-6240	Fitting - Hydraulic 90° (Incl. Ref # 2 & 7)	2	15	20-4840	Clamp - Tube (Incl. Ref. #14 & 19)	2
4	323-7	Screw - Cap Hex. Hd.	8	16	32152-2	Nut - Lock	4
5	3253-21	Washer - Lock	8	17	69-9220	Support - Tube Clamp	2
6	353-992	Flange - Fitting	4	18	323-6	Screw - Cap Hex. Hd.	4
7	340-135	Seal - O-Ring	2	19	32128-25	Nut - Lock	4
8	69-2050	Hydraulic Pump Assembly	1	20	325-6	Screw - Cap Hex. Hd.	4
9	237-116	Seal - O-Ring	1	21	3253-7	Washer - Lock	8
10	354-42	Flange - Half	2	22	3213-2	Screw - Cap Hex. Hd.	4
11	2412-42	Clamp - Hose	4	23	74-2270	Fitting - Suction	1
12	69-5640	Hose - Hydraulic	1				

†Not serviceable separately.



T-0382

DOUBLE GEAR PUMP NO. 69-2050

Ref. No.	Part No.	Description	No. Used
1	69-2110	Coupling	1
2	69-2170	Adapter Section Assembly	1
3	59-7990	Seal - Gland	4
4	59-8470	Retainer - Seal	4
5	69-2070	Plate - Flex	4
6	69-2200	Seal - O-Ring	2
7	69-2080	Center Section Assembly	2
8	69-2090	Gear/Shaft - Rear Drive	1
9	59-8600	Gear - Driven	2
10	69-2120	Seal - O-Ring	2
11	69-2100	Rear Cover Assembly	1
12	59-7590	Washer - Lock	16
13	69-2150	Screw - Cap Hex. Hd.	4

Ref. No.	Part No.	Description	No. Used
14	69-2140	Screw - Cap Hex. Hd.	4
15	69-2210	Seal - O-Ring	1
16	69-2160	Port Section Assembly	1
17	59-8500	Gear/Shaft - Front Drive	1
18	69-2060	Shaft End Cover Assembly	1
19	69-2130	Plug	1
20	59-8590	Seal - Shaft	1
21	59-8580	Ring - Retaining	1
22	59-8570	Seal - Shaft	1
23	59-7970	Stud - Threaded	8
24	59-7580	Nut - Hex.	8
*	59-8610	Repair Kit (Incl. Ref. #3, 4, 20 & 22)	1

FRAME ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	85-6190	Link - Deck Tilt	1
2	3290-495	Pin - Lynch	2
3	340-126	Nut - Bulkhead	2
4	340-70	Nut - Bulkhead	6
5	69-8940	Washer	12
6	240-4	Grommet	6
7	340-71	Fitting - Hydraulic Bulkhead (Incl. Ref. #32)	1
8	237-30	Seal - O-Ring	3
9	92-4967	Tube - Hydraulic (Incl. Ref. #8)	1
10	3234-28	Screw - Hex. Flange Hd.	2
11	93-7422	Hose - Hydraulic	1
12	353-375	Fitting - Hydraulic 90° (Incl. Ref. #13)	2
13	237-78	Seal - O-Ring	5
14	237-58	Seal - O-Ring	4
15	3274-86	Screw - Cap Socket Hd.	1
16	69-5470	Hose - Hydraulic	1
17	69-5480	Hose - Hydraulic	1
18	237-65	Seal - O-Ring	6
19	93-7177	Assy. - Tube, Traction L.H.	1
20	83-8350	Fitting - Traction, L.H. (Incl. Ref. #14 & 18)	1
21	93-7178	Assy. - Tube, Traction R.H.	1

Ref. No.	Part No.	Description	No. Used
22	69-6200	Tube - Hydraulic (Incl. Ref. #18)	1
23	69-6190	Tube - Hydraulic (Incl. Ref. #18)	1
24	71-2450	Cover - Access	1
25	3234-14	Screw - Hex. Flange Hd.	4
26	69-8930	Washer	4
27	69-8960	Spacer	2
28	240-5	Grommet	2
29	340-127	Nut - Bulkhead	2
30	85-6150	Tube - Hydraulic	1
31	69-8970	Spacer	6
32	237-22	Seal - O-Ring	7
33	69-6050	Tube - Hydraulic (Incl. Ref. #32)	1
34	69-6040	Tube - Hydraulic (Incl. Ref. #32)	1
35	69-6030	Tube - Hydraulic (Incl. Ref. #32)	1
36	32152-1	Nut - Lock	1
37	69-5790	Tube - Hydraulic (Incl. Ref. #8)	1
38	69-6060	Tube - Hydraulic (Incl. Ref. #32)	1
39	93-7426	Tube - Hydraulic (Incl. Ref. #32)	1

*Not Illustrated

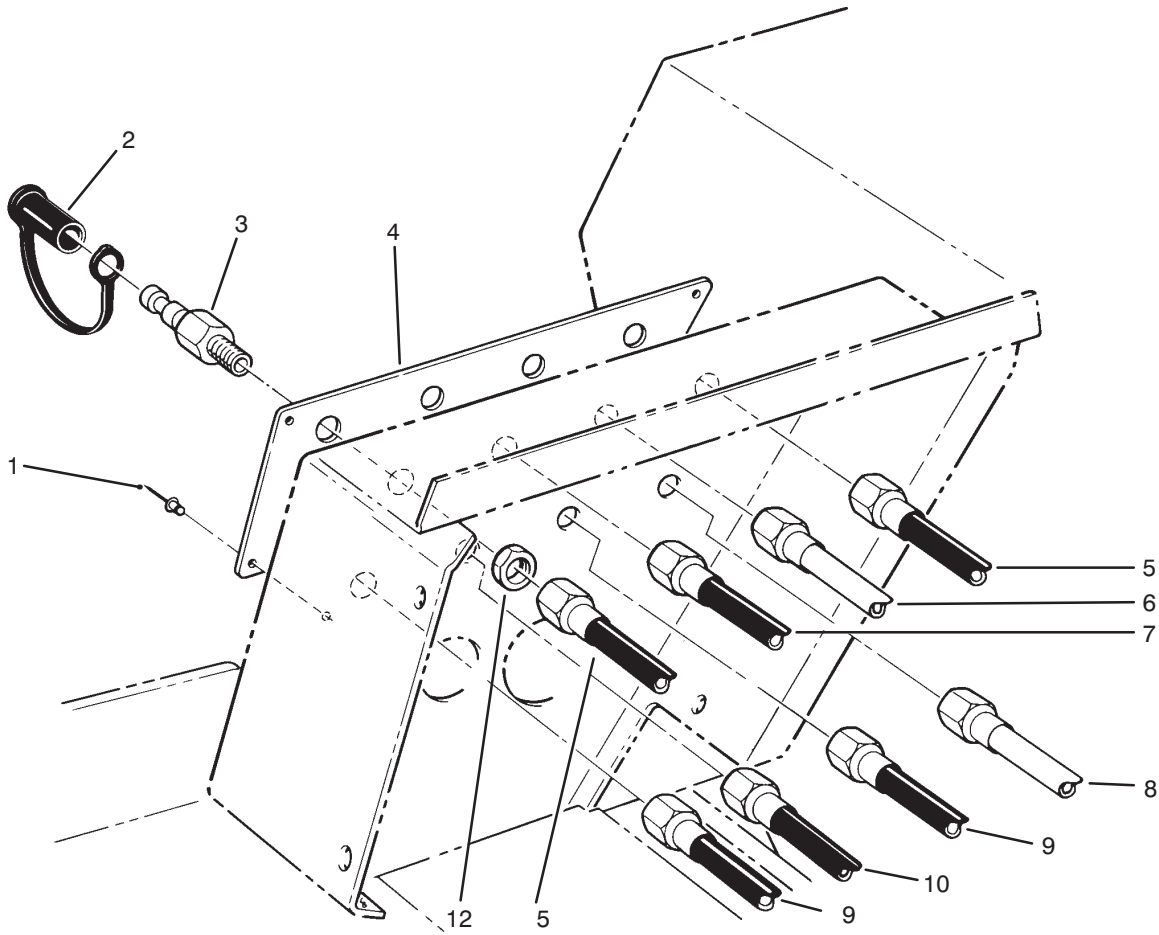
FRAME ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
40	32108–103	Screw – Machine Flat Hd.	4
41	69–9300	Cushion – Rubber	2
42	32152–1	Nut – Lock	4
43	321–9	Screw – Cap Hex. Hd.	2
44	56–7973	Clamp Half – Hydraulic Line	4
45	32152–4	Nut – Lock	2
46	256–247	Bushing – Flange	2
47	240–7	Grommet	4
48	302–5	Fitting – Grease	1
49	69–0100	Frame – Assembly (Incl. Ref. #46 & 48)	1
50	69–6100	Tube – Hydraulic Pressure (Incl. Ref. #14)	1
*	69–5810	Tube – Hydraulic Return (Incl. Ref. #14)	1
51	69–8910	Washer	4
52	69–8900	Spacer	2
53	3220–4	Nut	1
54	92–3048	Solenoid Coil Kit	3
55	32149–2	Nut – Keps	2
56	340–92	Fitting – Hydraulic (Incl. Ref. #13 & 58)	1
57	69–5950	Tube – Hydraulic	1
58	237–21	Seal – O–Ring	3
59	340–125	Fitting – Hydraulic (Incl. Ref. #13 & 58)	1

Ref. No.	Part No.	Description	No. Used
†60		Body – Valve	1
61	93–9988	Fitting – Hydraulic (Incl. Ref. #13)	1
62	92–3047	Valve – Solenoid (Incl. Ref. #53)	1
63	69–9470	Cover – Access	1
64	71–0430	Cover – Abrasive	1
65	321–11	Screw – Cap Hex. Hd.	2
66	71–0420	Floor – Abrasive	1
67	3256–56	Washer – Flat	2
68	3256–23	Washer – Flat	2
69	93–7424	Hose – Diagnostic	1
70	93–7193	Hose – Diagnostic	1
71	72–4080	Decal – Danger	2
72	2410–10	Plug – Button	1
73	83–8360	Fitting – Traction, R.H.	1
74	83–8370	Plate – Clamp	1
77	93–7038	Switch	1
80	92–4970	Hose – Hydraulic	1
81	93–7192	Hose – Diagnostic	1
82	83–4330	Assy. – Tube, Traction LH	1
83	83–4340	Assy. – Tube, Traction RH	1
*	92–3049	Valve Seal Kit	1
*	71–2630	Solenoid Valve Assembly (Incl. Ref. #53, 54, 60, 62 & Valve Seal Kit #92–3049)	1

*Not Illustrated

†Not serviceable separately.



T-0363B

HYDRAULIC SYSTEM DIAGNOSTIC PANEL ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3269-25	Rivet - Pop	4
2	353-947	Cap - Fitting	8
3	353-997	Fitting - Hydraulic Bulkhead (Incl. Ref. #12)	8
4	69-0960	Panel - Diagnostic	1
5	93-7422	Hose - Hydraulic Diagnostic	1

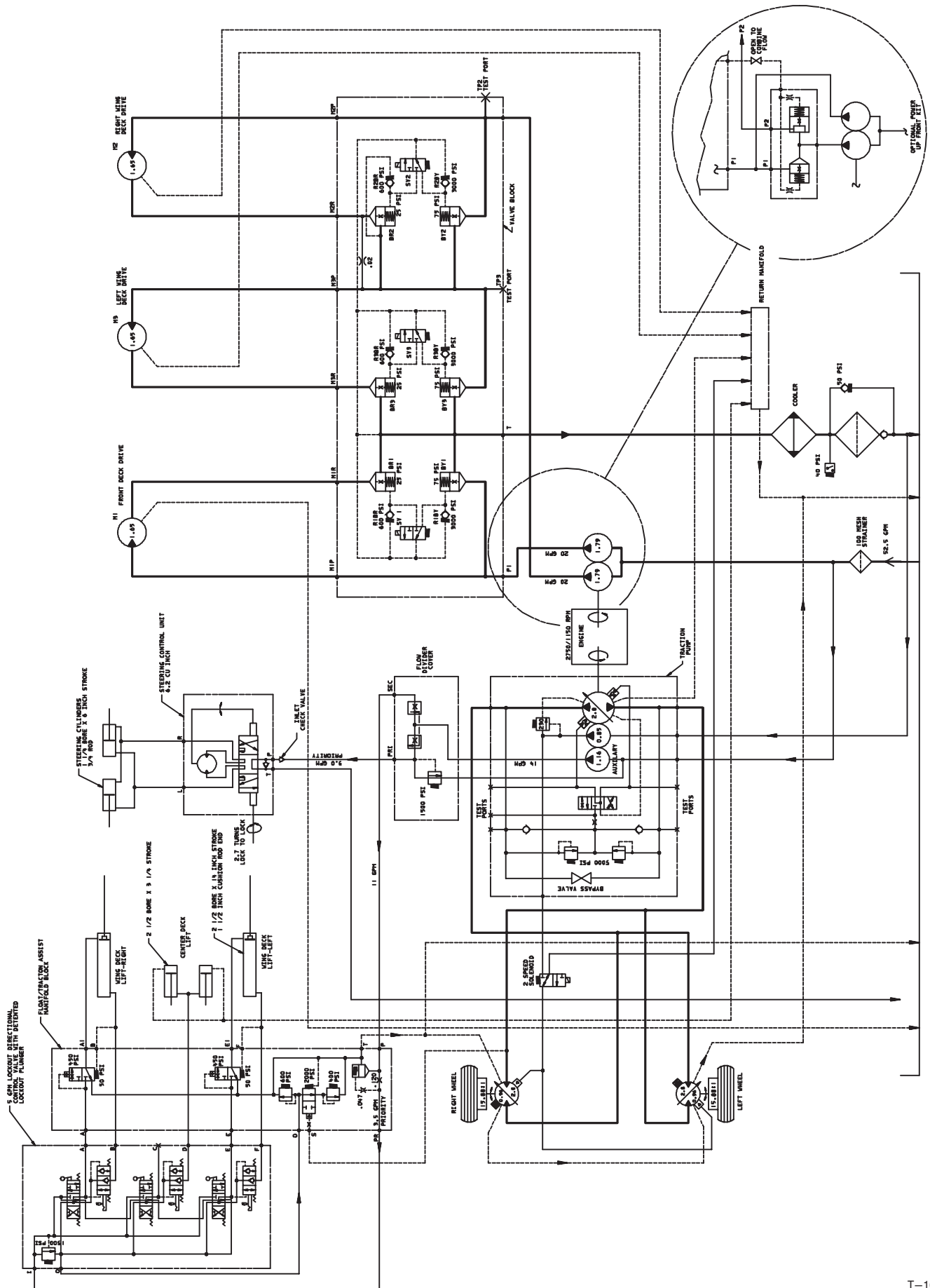
Ref. No.	Part No.	Description	No. Used
6	69-5910	Tube - Hydraulic Diagnostic	1
7	93-7193	Hose - Hydraulic Diagnostic	1
8	69-5920	Tube - Diagnostic	1
9	93-7423	Hose - Hydraulic Diagnostic	2
10	93-7425	Hose - Hydraulic Diagnostic	1
12	3220-4	Nut - Bulkhead	8

HYDRAULIC LINE CLAMPS ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	69–9330	Cover	1
2	3234–14	Screw – Hex. Flange Hd.	6
3	340–128	Nut – Bulkhead	2
4	69–8920	Washer	4
5	69–8950	Spacer	2
6	240–2	Grommet	2
7	237–164	Grommet	1
8	69–0920	Decal – Hydraulic Oil	1
9	322–12	Screw – Cap Hex. Hd.	4
10	69–9760	Plate – Cover	3
11	3256–22	Washer – Flat	2
12	32152–4	Nut – Lock	6
13	32152–1	Nut – Lock	8
14	69–9761	Plate – Cover	5
15	69–6130	Tube – Hydraulic	1
16	69–6120	Tube – Hydraulic	1
17	56–7974	Clamp Half – Hydraulic Line	2
18	321–15	Screw – Cap Hex. Hd.	2
19	56–7973	Clamp Half – Hydraulic Line	20
20	56–7972	Clamp Half – Hydraulic Line	4
21	3256–56	Washer – Flat	8
22	321–9	Screw – Cap Hex. Hd.	6

Ref. No.	Part No.	Description	No. Used
23	322–21	Screw – Cap Hex. Hd.	3
24	3256–23	Washer – Flat	1
25	56–7978	Clamp Half – Hydraulic Line	8
26	56–7971	Clamp Half – Hydraulic Line	2
27	93–7179	Tube – Hydraulic (Incl. Ref. #29)	1
28	69–5800	Tube – Hydraulic (Incl. Ref. #29)	1
29	237–21	Seal – O–Ring	4
30	69–8980	Washer	8
31	240–6	Grommet	4
32	240–7	Grommet	1
33	69–8990	Spacer	4
34	340–78	Nut – Bulkhead	4
35	69–6080	Tube – Hydraulic (Incl. Ref. #29)	1
36	69–6070	Tube – Hydraulic (Incl. Ref. #29)	1
37	32128–20	Nut – Lock	4
38	71–2560	Support – Bulkhead	2
39	69–0940	Decal – Caution	1

HYDRAULIC SCHEMATIC



FRONT WHEEL ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	237-42	Seal - O-Ring	2
2	69-5940	Tube - Hydraulic L.H.	1
*	69-5930	Tube - Hydraulic R.H.	1
3	237-21	Seal - O-Ring	2
4	340-82	Fitting - Hydraulic Elbow (Incl. Ref. #1 & 3)	2
5	237-146	Seal - O-Ring	4
6	340-91	Fitting - Hydraulic Straight (Incl. Ref. #5 & 7)	2
7	237-58	Seal - O-Ring	7
8	83-4330	Tube - Hydraulic L.H.	1
*	83-4340	Tube - Hydraulic R.H.	1
9	237-81	Seal - O-Ring	4
10	340-9	Fitting - Hydraulic St. L.H. (Incl. Ref. #7 & 9)	1
*	340-148	Fitting - Hydraulic Tee R.H. (Incl. Ref. #7 & 9)	1
12	92-1742	Tube - Hydraulic L.H.	1
*	92-4807	Tube - Hyd. R.H. Run	1
*	85-6150	Tube - Hyd. R.H. Branch	1
13	71-4010	Housing - Brake	2
14	3272-6	Pin - Cotter	2
15	71-3880	Clevis - Brake Cable	2
16	283-2	Pin - Clevis	2
17	3253-21	Washer - Lock	14
18	323-6	Screw - Cap Hex. Hd.	14
19	71-0470	Disc - Middle	4
20	71-3990	Cap - Brake Housing	2

Ref. No.	Part No.	Description	No. Used
21	237-158	Seal - O-Ring	4
22	253-156	Seal - Oil	2
23	251-340	Bearing - Ball	2
24	32120-22	Ring - Retaining Internal	2
25	302-39	Vent	2
26	3253-8	Washer - Lock	16
27	327-22	Screw - Cap Hex. Hd.	16
28	69-9800	Tire	2
*	58-5620	Tube - Inner	2
*	231-140	Tire - (Optional)	2
29	71-2470	Rim	2
30	3253-7	Washer - Lock	22
31	3219-5	Nut - Hex.	18
32	69-1730	Planetary Gear Drive Assy.	2
33	32120-84	Ring - Retaining External	2
34	71-3810	Coupling - Hydraulic Motor	2
35	69-9970	Stud	4
36	69-9960	Link	4
37	69-9950	Spring - Extension	4
38	69-9990	Disc - Actuating	4
39	69-9980	Ball	6
40	69-9940	Nut - Jam	4
41	253-157	Ring - Cup	8
42	92-1741	Tube - Hydraulic	1
43	340-142	Fitting - Hydraulic Elbow (Incl. Ref. #9 & 11)	2
44	69-3050	Motor - Hydraulic Wheel	2
45	3256-26	Washer - Flat	4

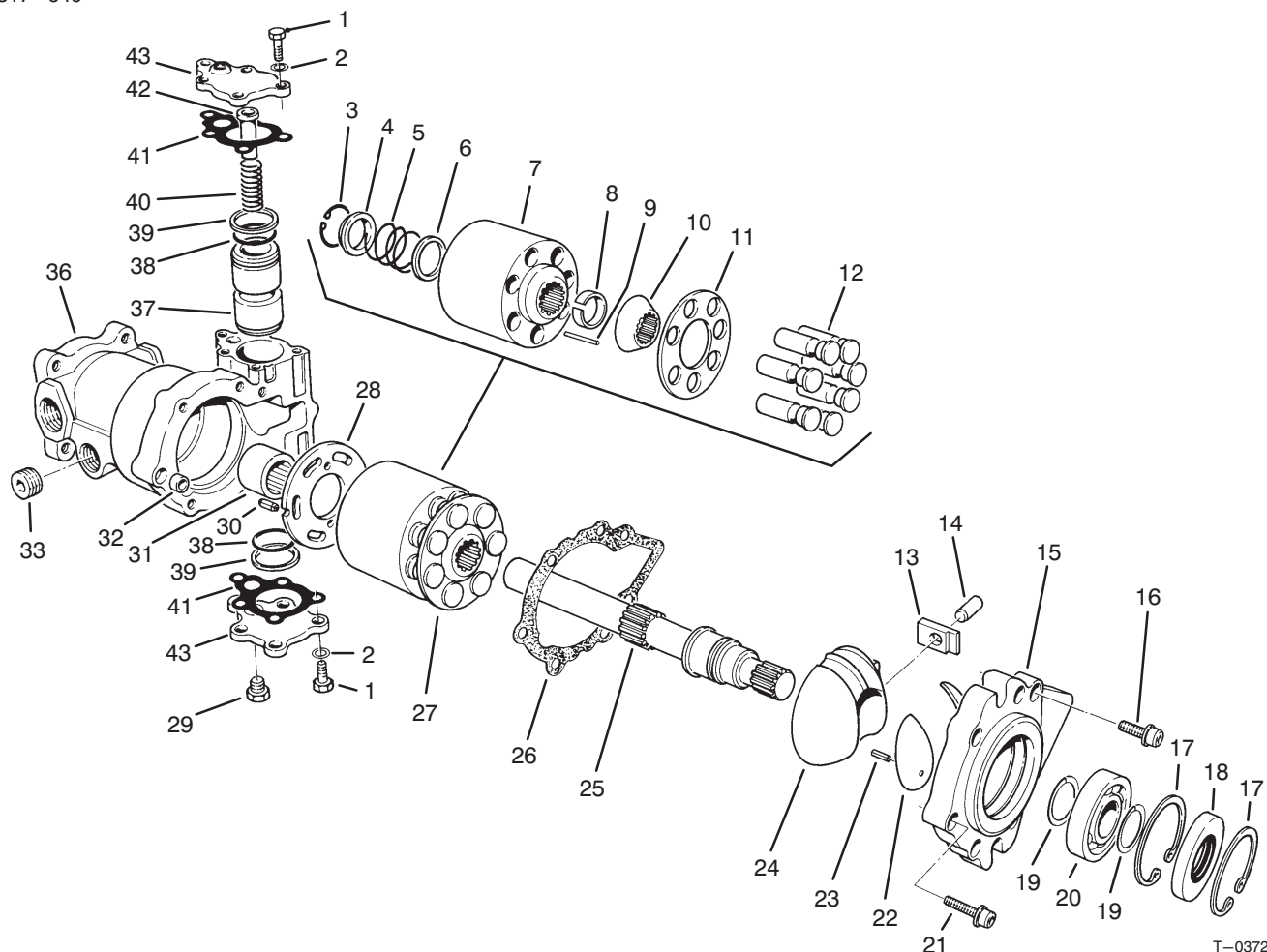
*Not Illustrated

T-0342C

FRONT WHEEL ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
46	325-7	Screw - Cap Hex. Hd.	4
47	72-4070	Decal - Danger	2
48	93-7176	Fitting - 45° ORFS	2

Ref. No.	Part No.	Description	No. Used
49	237-65	O-Ring	2
50	93-7177	Tube - Hydraulic, LH	1
*	93-7178	Tube - Hydraulic, RH	1



T-0372

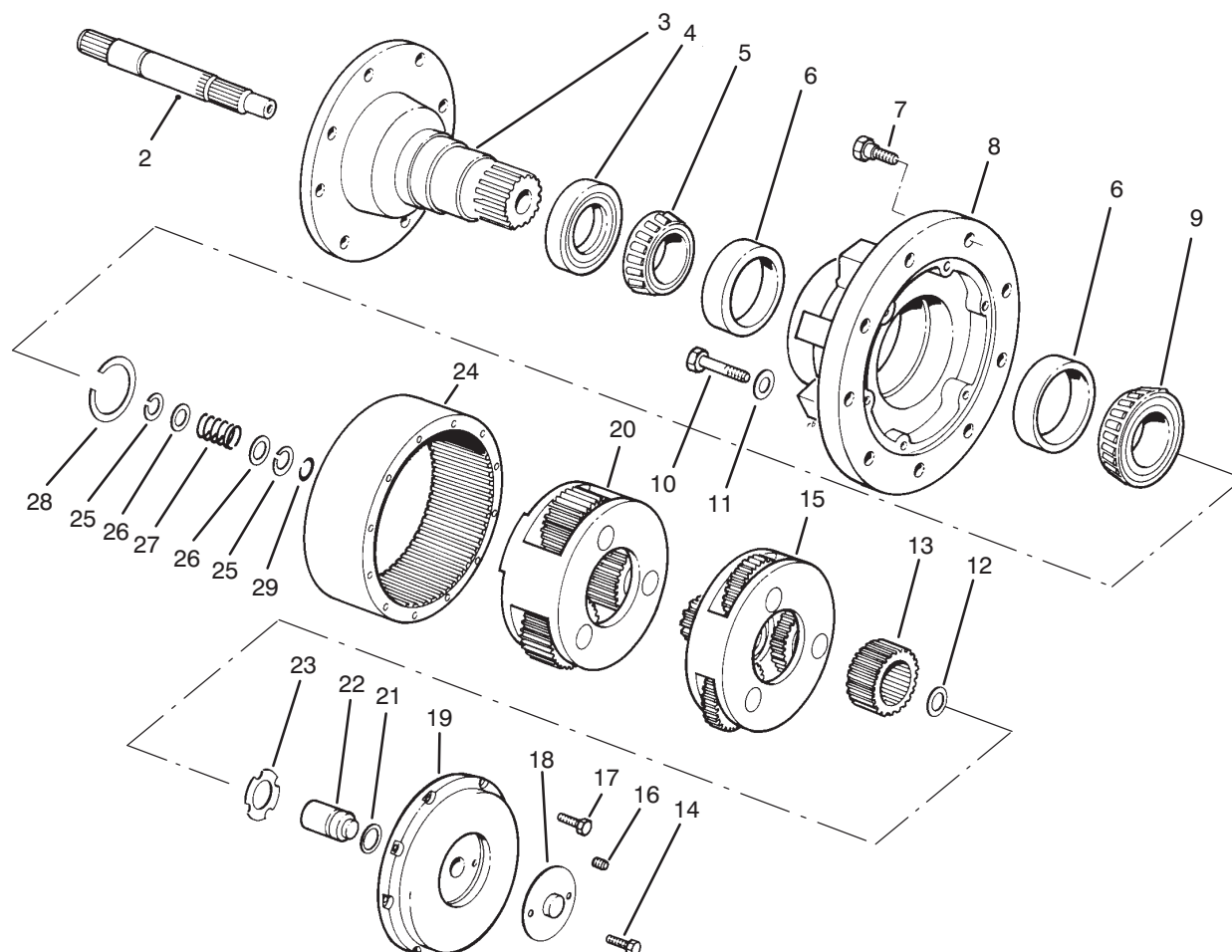
WHEEL MOTOR NO. 69-3050

Ref. No.	Part No.	Description	No. Used
1	69-3150	Screw Hex. Hd.	10
2	69-3070	Washer - Plain	10
†3		Ring - Retaining	1
†4		Washer	1
†5		Spring - Compression	1
†6		Washer	1
†7		Block - Cylinder	1
†8		Retainer	1
†9		Pin - Slipper Hold Down	3
†10		Guide - Retainer	1
†11		Guide - Slipper	1
†12		Piston Assembly	7
13	69-3500	Bearing - Sleeve	1
14	69-3510	Pin	1
15	76-4610	Cover - Front	1
16	76-4590	Screw	6
17	69-3200	Ring - Retaining	2
18	69-3190	Seal - Lip	1
19	69-3170	Ring - Retaining	2
20	69-3210	Bearing - Ball	1
21	69-3960	Screw	1
22	69-3970	Bearing - Journal	2

Ref. No.	Part No.	Description	No. Used
23	69-3520	Pin - Spring	2
24	69-3980	Swashplate - Variable	1
25	69-3950	Shaft - Motor	1
26	76-4600	Gasket - Front Cover	1
27	69-3910	Cylinder Block Kit (Incl. Ref. #3-12)	1
28	69-3990	Plate - Motor Valve	1
29	69-3940	Plug	1
30	69-3450	Pin	1
31	69-3370	Bearing - Needle	1
32	69-3230	Pin - Spring	1
33	69-3130	Plug - Hole	1
†36		Housing	1
37	69-4020	Piston - Servo	1
38	69-3560	Seal - O-Ring	2
39	69-3570	Ring - Piston	2
40	69-4030	Spring - Servo	1
41	69-3710	Gasket - Servo Cover	2
42	69-4040	Stop - Servo Piston	1
43	69-3720	Cover - Servo	2
*	69-3920	Piston Ring & O-Ring Kit (Incl. Ref. #38 & 39)	1

*Not Illustrated

†Not serviceable separately.



T-0140

PLANETARY GEAR ASSEMBLY NO. 69-1730

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
2	60-3810	Shaft — Input	1	16	60-4040	Plug — Pipe	1
3	69-1740	Spindle	1	17	60-4030	Bolt — Hex. Hd.	8
4	60-3830	Seal — Oil	1	18	60-4060	Cover — Disengage	1
5	60-3840	Cone — Bearing	1	19	60-4050	Cover — Large	1
6	60-3850	Cup — Bearing	2	20	60-4000	Secondary Carrier Assy.	1
7	60-3860	Bolt — Wheel	9	21	60-4020	Seal — O-Ring	1
8	60-3870	Hub	1	22	60-4010	Plunger — Disengage	1
9	60-3880	Cone — Bearing	1	23	60-3990	Washer — Thrust	1
10	60-3890	Bolt — Hex. Hd.	6	24	60-3900	Gear — Ring	1
11	60-3910	Washer — Flat	6	25	60-3930	Ring — Retaining	2
12	60-3980	Washer — Thrust	1	26	60-3940	Washer	2
13	60-3970	Gear — Primary Sun	1	27	60-3950	Spring — Disengage	1
14	60-4070	Bolt — Hex. Hd.	2	†28	62-6450	Kit — Retaining Ring	1
15	60-3960	Primary Carrier Assembly	1	*	62-6460	Sealant — RTV (Tube)	1

*Not Illustrated

†Includes 7 different thickness retaining rings for service adjustment of bearings.

WHEEL BRAKE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
2	32151-100	Ring - Retaining	2
3	69-8910	Washer	2
4	82-7850	Spring - Compression	2
5	354-104	Ring - Backup	2
6	237-175	O-Ring	2
7	82-7840	Piston - Brake	2
8	21-2070	Yoke - End	2
9	237-174	O-Ring	2
10	354-105	Ring - Backup	2
11	82-7830	Screw - Bleed, Brake	2
12	92-8003	Housing - Actuator, R.H.	1
*	92-8004	Housing - Actuator, L.H.	1
13	82-7820	Seat - Brake, Tube	2
14	71-3870	Gasket	2
15	71-3850	Cover - Housing	2
16	3253-3	Washer - Lock	8
17	321-2	Screw - Cap Hex. Hd.	8
18	3274-7	Screw - Cap Socket Hd.	8
19	3253-21	Washer - Lock	8

Ref. No.	Part No.	Description	No. Used
20	32128-25	Nut - Lock	2
21	71-3830	Bellcrank - Brake	2
22	3272-6	Pin - Cotter	2
23	71-3880	Clevis - Brake Cable	2
24	283-2	Pin - Clevis	2
25	71-3900	Gasket	2
26	3272-10	Pin - Cotter	2
27	3256-24	Washer - Flat	4
28	71-3860	Clevis	2
29	3296-3	Nut - Lock	2
30	69-0030	Spring - Compression	2
31	283-15	Pin - Clevis	2
32	12-8900	Bolt - Shoulder	2
33	93-7417	Gasket	2
34	71-3910	Collar	2
35	3296-59	Nut - Lock	2
36	93-7418	Cap - Actuator	2
37	321-6	Screw - Cap Hex. Hd.	8

*Not Illustrated

T-0350B

VARIABLE DISPLACEMENT PUMP INSTALLATION

Ref. No.	Part No.	Description	No. Used
1	93-9322	Variable Displacement Pump	1
2	32128-21	Nut - Flange Lock	2
3	93-7189	Yoke - Pump End	1
4	93-7191	Tube - Slip Yoke	1
5	302-2	Fitting - Grease	1
6	93-7188	Shaft - Slip Yoke	1
7	93-7190	Kit - Universal Joint	2
8	93-7187	Yoke - Engine End	1
9	48-9570	Washer - Lock	8
10	48-7710	Screw - Cap Hex. Hd.	8
11	3274-20	Screw - Hex. Socket Hd.	2
12	325-7	Screw - Cap Hex. Hd.	2
13	3253-7	Washer - Lock	2
14	3217-9	Nut - Hex.	2
15	237-81	Seal - O-Ring	1
16	340-131	Fitting - Hydraulic Elbow (Incl. Ref. #15 & 17)	1
17	237-30	Seal - O-Ring	2
18	69-5460	Hose - Hydraulic	1
19	237-146	Seal - O-Ring	3
20	340-15	Fitting - Hydraulic Elbow (Incl. Ref. #19 & 21)	3
21	237-58	Seal - O-Ring	3
22	69-5650	Hose - Hydraulic	1
23	237-42	Seal - O-Ring	1
26	69-9020	Nut - Special	1
27	32152-4	Nut - Lock	2

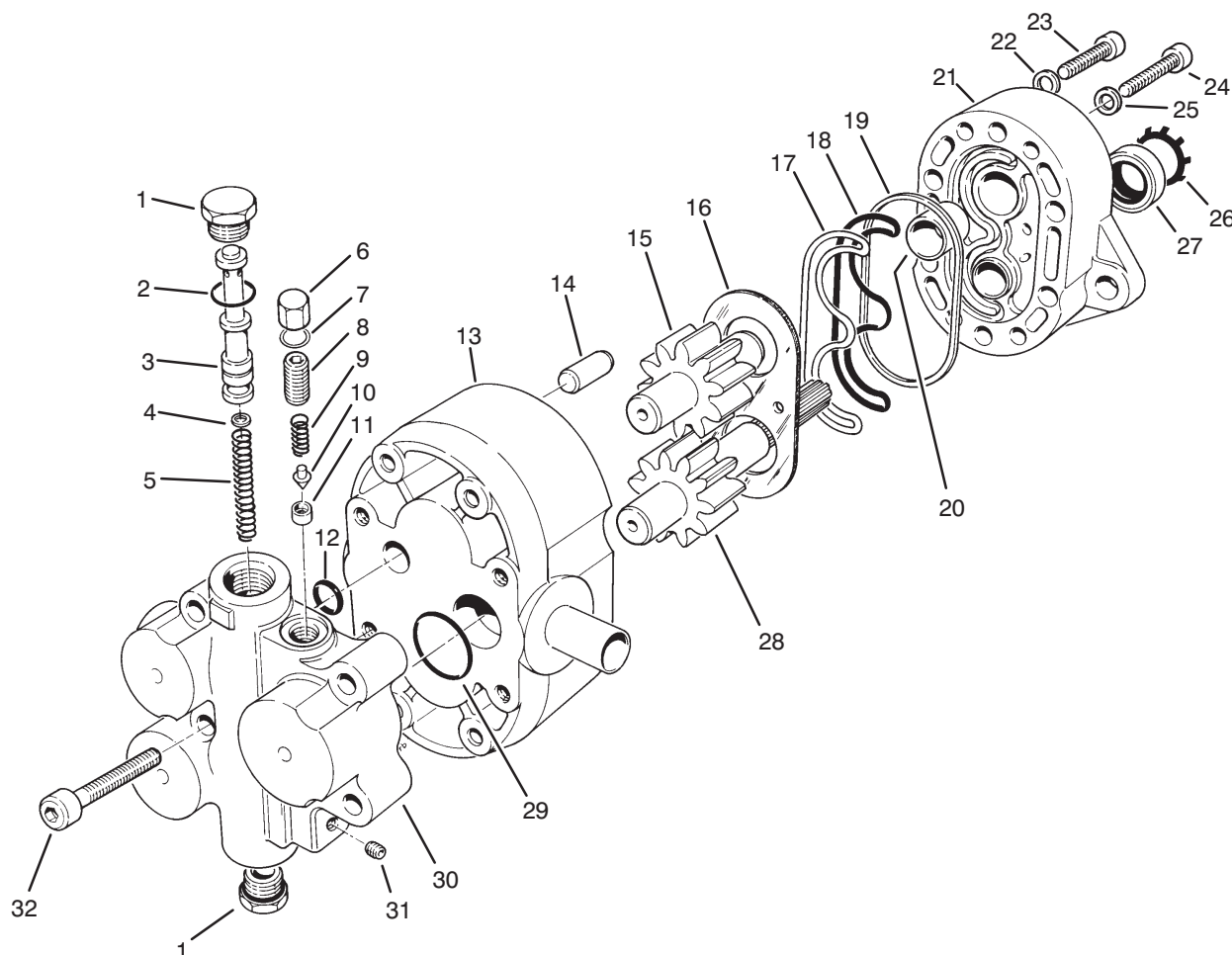
Ref. No.	Part No.	Description	No. Used
28	69-9480	Bracket - Neutral Device	1
29	3219-2	Nut - Hex.	1
30	32144-1	Screw - Hex. Hd.	2
31	69-9040	Cam - Neutral Device	1
32	3253-21	Washer - Lock	3
33	3231-30	Bolt - Carriage	1
34	3217-7	Nut - Hex.	1
35	93-9337	Bracket - Switch	1
36	3234-13	Screw - Hex. Flange Hd.	4
37	32127-11	Nut - Flexlok	2
38	29-6170	Leaf Spring Assembly	1
39	322-17	Screw - Cap Hex. Hd.	1
40	3210-7	Screw - Cap Hex. Hd.	1
41	251-259	Bearing - Neutral Detent	1
42	321-4	Screw - Cap Hex. Hd.	2
43	29-6150	Spring - Leaf	1
44	32153-3	Nut - Lock	1
45	69-9050	Bar - Neutral Device	1
46	3253-3	Washer - Lock	2
47	321-10	Screw - Cap Hex. Hd.	2
48	340-134	Fitting - Hydraulic Elbow (Incl. Ref. #23)	1
49	41-8760	Gasket - Pump	1
50	93-7424	Hose - Hydraulic	1
51	323-7	Screw - Cap Hex. Hd	2
52	69-2220	Pump/Valve	1
53	327-80	Seal - O-Ring	2

T-0350B

VARIABLE DISPLACEMENT PUMP INSTALLATION (Cont.)

Ref. No.	Part No.	Description	No. Used
54	340-130	Fitting - Hydraulic Elbow (Incl. Ref. #25 & 53)	1
55	340-105	Fitting - Hydraulic Elbow (Incl. Ref. #17 & 53)	1
56	69-5450	Hose - Hydraulic	1
57	69-5470	Hose - Hydraulic	1

Ref. No.	Part No.	Description	No. Used
58	69-5440	Hose - Hydraulic	1
59	69-5480	Hose - Hydraulic	1
60	51-3150	Shim - Spring	A/R
61	93-7037	Switch	1
*	93-3219	Pump Drive Shaft Assembly (Incl. Ref. #3-8)	1



T-0374

GEAR PUMP & FLOW DIVIDER NO. 69-2220

Ref. No.	Part No.	Description	No. Used
1	69-2410	Plug (Incl. Ref. #2)	2
2	69-2420	Seal - O-Ring	2
3	69-2450	Piston	1
4	69-2440	Orifice	1
5	69-2430	Spring - Compression	1
6	69-2460	Cap	1
7	69-2470	Gasket - Cap	1
8	69-2480	Screw - Set	1
9	69-2490	Spring - Compression	1
10	69-2500	Poppet	1
11	69-2510	Seat	1
12	69-2530	Seal - O-Ring	1
13	69-2540	Cover Assembly (Incl. Ref. #20)	1
14	69-2340	Pin - Dowel	2
15	69-2280	Shaft/Gear - Idler	1
16	69-2320	Plate - Wear	1
17	69-2260	Seal - Load	1
18	69-2270	Seal - Pre-Load	1
19	69-2350	Ring - Sealing	1

Ref. No.	Part No.	Description	No. Used
20	69-2250	Bearing - Sleeve	4
21	69-2330	Body Assembly (Incl. Ref. #20)	1
22	69-2370	Washer	4
23	69-2360	Screw	4
24	69-2380	Screw	4
25	69-2390	Washer	4
26	69-2300	Ring - Retaining	1
27	69-2310	Seal - Shaft	1
28	69-2290	Shaft/Gear - Drive	1
29	69-2400	Seal - O-Ring	1
30	69-2230	Flow Divider Assembly (Incl. Ref. #1-11 & 31)	1
31	69-2520	Plug - Pipe	1
32	69-2240	Screw	4
*	69-2550	Repair Kit - Pump (Incl. Ref. #16-19, 22 & 25-27)	1
*	69-2560	Repair Kit - Pump & Divider Incl. Ref. #2, 7, 9-10, 12, 16-19, 22, 25-27 & 29)	1

*Not Illustrated

VARIABLE DISPLACEMENT PUMP NO. 93–9322

Ref. No.	Part No.	Description	No. Used
1	69–3620	Cover – Servo Adjustment	1
2	69–3630	Nut Special	1
3	69–3640	Cover – Servo	1
4	69–3710	Gasket – Servo	2
5	69–3610	Nut – Jam	1
6	69–3600	Nut – Hex.	1
7	69–3590	Ring – Retaining	1
8	69–3580	Guide – Spring	1
9	69–3130	Plug (Incl. Ref. #10)	1
†10		Seal – O–Ring	1
†11		Housing – Pump	1
12	69–3230	Pin – Spring	1
13	69–3370	Bearing – Needle	1
†14		Ring – Retaining	1
†15		Washer	1
†16		Spring – Compression	1
†17		Washer	1
†18		Block – Cylinder	1
†19		Retainer	1
†20		Pin – Slipper Hold Down	3
†21		Guide – Retainer	1
†22		Guide – Slipper	1
†23		Piston – Assembly	7
24	69–3250	Swashplate – Variable	1
25	69–3240	Bearing – Journal	2
26	69–3520	Pin	2
27	76–4590	Screw	6

Ref. No.	Part No.	Description	No. Used
28	69–3220	Screw	1
29	69–3200	Ring – Retaining	2
30	69–3190	Seal – Lip	1
31	69–3170	Ring – Retaining	2
32	69–3210	Bearing – Ball	1
33	76–4610	Cover	1
34	69–3500	Sleeve – Bearing	1
35	69–3510	Pin	1
36	69–3470	Pin	1
37	69–3180	Shaft Pump	1
38	76–4600	Gasket – Cover	1
39	69–3910	Cylinder Block Assembly (Incl. Ref #14–23)	1
40	93–9320	Plate – Valve L.H.	1
41	69–3450	Pin	1
42	69–3820	Sleeve – Control Valve	1
43	28–3590	Seal O–Ring	1
44	28–3580	Ring – Back Up	1
45	69–3880	Spring – Neutral Return	1
46	69–3830	Spool – Rotary Valve	1
47	25–2630	Ring Back Up	1
48	69–3890	Bracket – Neutral Return	1
49	69–3860	Screw – Flange Hd.	1
50	69–3870	Handle – Control Valve	1
51	69–3900	Washer	1
52	69–3840	Seal – O–Ring	1
53	69–3650	Piston – Servo	1

†Not serviceable separately.

T–0373

VARIABLE DISPLACEMENT PUMP NO. 93–9322 (Cont.)

Ref. No.	Part No.	Description	No. Used
54	69–3690	Bearing	2
55	69–3560	Seal – O–Ring	2
56	69–3570	Ring – Piston	2
57	69–3720	Cover Servo	1
58	69–3140	Bracket – Lifting	1
†59		Seal – O–Ring	6
60	69–3080	Plug (Incl. Ref. #59)	6
61	69–3150	Screw – Hex. Hd.	10
62	69–3070	Washer – Lock	10
63	25–2630	Ring – Back Up	1
64	237–22	Seal – O–Ring	1
65	69–3800	Valve	1
66	69–3810	Valve – By Pass	1
67	69–3780	Plug (Incl. Ref. #68)	1
68	237–80	Seal – O–Ring	1
69	69–3770	Shim	1
70	69–3790	Spring Compression	1
71	69–3760	Plug Special (Incl. Ref. #77)	2
72	69–3740	Spring – Compression	2
73	69–3110	Screw	2
74	69–3160	Seal – O–Ring	3
75	93–9321	Plug – Orifice	1

Ref. No.	Part No.	Description	No. Used
76	285–17	Plug – Pipe	2
77	69–3750	Seal – O–Ring	2
78	69–3730	Valve – Relief (Incl. Ref. #71, 72 & 77)	2
79	69–3090	Adapter – Suction	1
80	69–3460	Plug Expansion	1
81	69–3550	Pin	1
82	69–3100	Screw	1
83	69–3400	Screw Hex. Hd.	3
84	69–3430	Key – Woodruff	1
85	69–3410	Adapter – A Flange	1
86	69–3420	Ring – Temper Load	1
87	69–3440	Seal – O–Ring	1
88	69–3540	Cover – Gerotor	1
89	69–3390	Gerotor Assembly	1
90	69–3700	Guide – Spring	1
91	69–3660	Screw – Special	1
92	69–3680	Stop – Servo	1
93	69–3670	Spring – Compression	1
†94		Seal O–Ring	1
95	69–3120	Plug (Incl. Ref. #94)	1

†Not serviceable separately.

COWL ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	58-4250	Magnet	6
2	32149-2	Nut - Keps	16
3	71-0280	Foam - Cowl Top	1
4	321-2	Screw - Cap Hex. Hd.	16
5	71-0240	Foam - Louver Top	2
6	69-9370	Louver - Top	2
7	71-0230	Foam - Louver Middle	1
8	69-1130	Louver - Middle	1
9	69-9650	Screen - Cowl	2
10	69-8650	Cowl - Radiator	1
*	82-6330	Cowl - Radiator, Optional	1
11	71-0220	Foam - Louver Lower	1
12	3296-2	Nut - Flange Lock	20
13	69-3030	Strike - Latch	8
14	3290-321	Screw - Hex. Washer Hd.	20
15	69-8690	Support - Grille	1
16	69-3020	Handle - Latch	2
17	71-0300	Foam - Low Front Cowl L.H.	1
*	71-0310	Foam - Low Front Cowl R.H.	1

Ref. No.	Part No.	Description	No. Used
18	69-9721	Strip - Sealing	3
19	75-9460	Bracket - Sealing L.H.	1
20	69-0040	Foam - Lower Grille	1
21	32144-11	Screw - Hex. Flange Hd.	8
22	75-9480	Bracket - Sealing Bottom	1
23	69-7150	Grille - Lower	1
24	32153-6	Nut Lock	2
25	75-9470	Bracket - Sealing R.H.	1
26	328-11	Screw - Cap Hex. Hd.	2
27	69-7120	Grille - Upper	1
28	69-9720	Strip - Sealing	2
29	71-0290	Foam - Cowl Bottom	1
30	71-0330	Foam - Low Rear Cowl L.H.	1
*	71-0320	Foam - Low Rear Cowl R.H.	1
31	69-1140	Louver - Lower	1
32	3269-15	Rivet - Pop	22
33	3269-6	Washer - Backup	22
34	250-5	Tie - Cable	16
35	69-9722	Trim - Sealing	1

*Not Illustrated

T-0360A

HOOD ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	71-0270	Foam - Hood Side R.H.	1	15	69-9723	Seal - Hood Bottom	2
2	71-0250	Foam - Hood Top	1	16	32149-2	Nut - Keps	16
3	71-0260	Foam - Hood Side L.H.	1	17	69-8230	Bracket - Trim L.H.	1
4	92-1772	Hood Assembly (Incl. Ref.#1-4, 8, 15-17, 20, 26 & 29)	1	18	88-6770	Stud - Ball	2
5	3290-321	Screw - Cap Hex. Hd.	12	19	88-6760	Spring - Gas	2
6	69-3010	Strap - Hold Down (Incl. Ref. #10)	4	20	69-8250	Bracket - Trim R.H.	1
7	3296-2	Nut - Flange Lock	12	21	69-8500	Shim - Hinge Bracket	6
8	71-0060	Support - Foam	1	22	3253-21	Washer - Lock	6
9	69-9520	Panel - Rear	1	23	323-6	Screw - Cap Hex. Hd.	4
†10		Latch - Hold - Down	4	24	3256-24	Washer - Flat	6
11	3234-14	Screw - Cap Hex. Hd.	6	25	323-4	Screw - Cap Hex. Hd.	2
12	69-1390	Panel - Side L.H.	1	26	69-0950	Decal - 580D	2
*	69-1380	Panel - Side R.H.	1	27	66-6140	Decal - TORO	1
13	3290-134	Screw - Cap Hex. Hd.	4	28	69-8520	Bracket - Hinge	2
14	71-0400	Foam - Side Panel	2	29	69-9724	Seal - Hood Front	1
				30	32149-7	Nut	4
				31	32152-1	Nut	2

*Not Illustrated

†Not serviceable separately.

RADIATOR & OIL COOLER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	71-0350	Foam - Rad. Support R.H.	1
2	69-8590	Support - Radiator Upper	1
3	71-0360	Foam - Rad. Support Top	1
4	69-5380	Hose - Upper Radiator	1
5	66-3241	Cap - Radiator	1
6	2412-6	Clamp - Hose	1
7	23-2140	Hose - Radiator Vent	1
8	323-34	Screw - Cap Hex. Hd.	7
9	13-4239	Shroud - Fan (Incl. Ref. #45 & 46)	1
10	69-5390	Hose - Lower Radiator	1
11	2412-92	Clamp - Hose	4
12	69-1640	Radiator	1
13	71-0210	Foam - Radiator Seal	1
14	304-46	Valve - Drain	1
15	2812-4	Fitting - Reducer	2
16	340-124	Fitting - Hydraulic Straight (Incl. Ref. #17)	2
17	237-22	Seal - O-Ring	2
18	69-8430	Hose - Hydraulic	2
19	32128-20	Nut - Flange Lock	5
20	69-3020	Latch	8
21	3253-2	Washer - Lock	16
22	3290-321	Screw - Cap Hex. Hd.	16
23	46-3380	Bolt - Shoulder	2
24	69-7100	Support - Radiator Lower	1

Ref. No.	Part No.	Description	No. Used
25	3290-216	Washer - Bevel	4
26	32153-5	Nut - Lock	2
27	32152-2	Nut - Lock	7
28	340-65	Seal - O-Ring	3
29	69-5620	Hose - Hydraulic	1
30	69-8450	Hose - Hydraulic (Incl. Ref. #28)	1
31	69-5900	Tube - Hydraulic	1
32	69-1670	Cooler - Oil (Incl. Ref. #28)	1
33	32103-3	Nut - Wing	2
34	71-0370	Foam - Lower Rad. Support	2
35	3253-21	Washer - Lock	12
36	71-0340	Foam - Rad. Support L.H.	1
37	88-9450	Bracket - Hood Cylinder	2
38	2412-41	Clamp - R	1
39	322-5	Screw - Cap Hex. Hd.	1
40	322-6	Screw - Cap Hex. Hd.	4
41	323-7	Screw - Cap Hex. Hd.	4
42	71-0380	Foam - Rad. Support Front	1
43	325-6	Screw - Cap Hex. Hd.	2
44	71-0390	Foam - Rad. Support Rear	1
45	76-8750	Plate - Caution	2
46	3290-271	Rivet - Pop	4
47	3256-56	Washer - Flat	2
48	2412-147	Clamp - R	1
50	68-6150	Breather	1

T-0359A

RADIATOR & OIL COOLER ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
51	354-95	Fitting	1
52	2412-108	Clamp - Hose	2
53	71-2680	Hose - Vent	1

Ref. No.	Part No.	Description	No. Used
54	32144-69	Screw - Cap, Hex. Hd.	6
56	88-6770	Stud - Ball	2
57	32152-1	Nut - Lock	2

ENGINE INSTALLATION ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3219-14	Nut - Hex.	2
2	48-8070	Washer - Lock	16
3	2412-70	Clamp - R	1
4	67-4510	Sending Unit - Temperature	1
5	39-7592	Switch - Temperature	1
6	48-7930	Nut - Lock	3
7	48-9570	Washer - Lock	3
9	69-6250	Engine - Assembly	1
10	76-0980	Pipe - Exhaust	1
11	69-9420	Muffler	1
12	20-4840	Clamp - Exhaust	2
13	69-5350	Hose - Air Cleaner Inlet	1
14	3258-19	Screw - Machine	2
15	69-1890	Air Cleaner Assembly	1
16	2412-110	Clamp - Hose	3
17	69-5360	Hose - Air Cleaner	1
18	93-4382	Bracket - Muffler	1
19	2412-42	Clamp - Hose	1
20	3234-14	Screw - Hex. Washer Hd.	4
21	48-9480	Screw - Cap Hex. Hd.	4
22	48-9590	Washer - Lock	22
23	17-7190	Spacer	4
24	58-3590	Pin - Flywheel	2
25	48-9470	Screw - Cap Hex. Hd.	8
26	92-1753	Coupling - Spring Centering	1
27	32107-11	Nut - Square	2
28	69-1950	Band - Air Cleaner (Incl. Ref. #14 & 27)	2

Ref. No.	Part No.	Description	No. Used
29	69-9530	Bracket - Air Cleaner	1
30	32128-20	Nut - Flange Lock	4
31	69-9550	Plate - Adapter	1
32	48-7780	Screw - Cap Hex. Hd.	6
33	32149-2	Nut - Keps	5
34	69-8410	Screw - Cap Hex. Hd.	4
35	69-8420	Washer - Lock	4
36	69-8490	Bracket - Throttle Cable	1
37	85-6210	Bracket - Rear Eng. Mount	2
38	321-6	Screw - Cap Hex. Hd.	3
39	69-0060	Screw - Cap Hex. Hd.	16
40	69-1660	Mount - Engine	4
41	32153-5	Nut - Lock	8
42	69-7580	Bracket - Front Engine Mount L.H.	1
*	69-7570	Bracket - Front Engine Mount R. H.	1
43	325-17	Screw - Cap Hex. Hd.	4
44	69-1750	Fuel Filter Assembly	1
45	85-6230	Solenoid - Engine Run	1
46	325-4	Screw - Cap Hex. Hd.	4
47	3272-6	Pin - Cotter	1
48	3256-1	Washer - Flat	1
49	69-9110	Rod - Engine Run Solenoid	1
50	3220-1	Nut - Jam	2
51	321-4	Screw - Cap Hex. Hd.	2
52	2411-41	End - Rod	2
53	69-9360	Bracket - Fuel Filter	1

*Not Illustrated

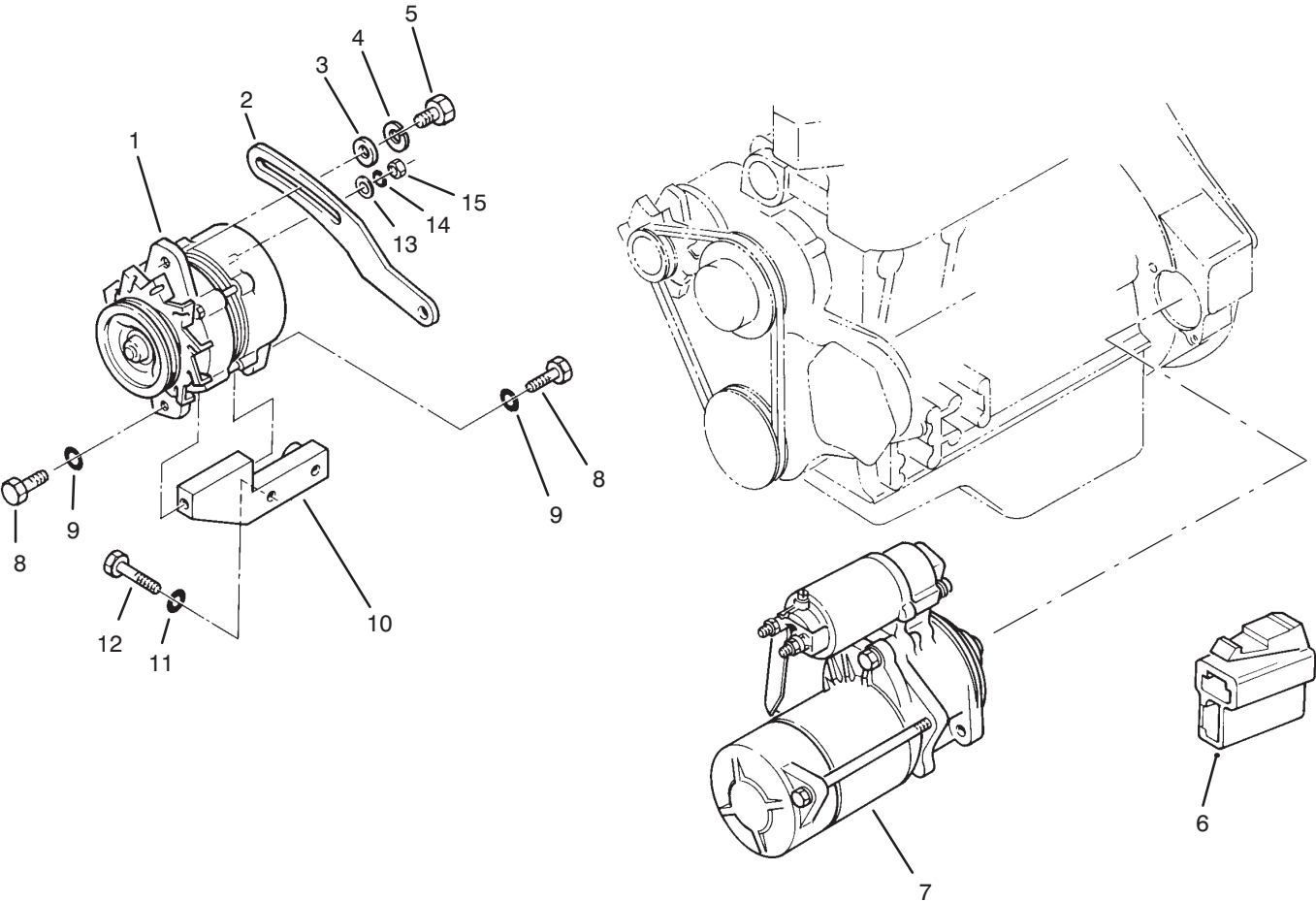
T-0347B

ENGINE INSTALLATION ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
54	3256-26	Washer - Flat	8
55	69-8460	Fitting - Hydraulic Straight (Incl. Ref. #56)	2
56	237-22	Seal - O-Ring	2
57	32152-1	Nut - Lock	2
58	69-9070	Bracket - Clamp	1
59	2412-41	Clamp - R	2
60	323-6	Screw - Cap Hex. Hd.	1
61	71-4280	Sending Unit - Oil Pressure	1
62	69-1680	Fan	1
63	69-9710	Nut - Lock	4
64	69-1690	Clutch - Fan	1
65	3253-2	Washer - Lock	2

Ref. No.	Part No.	Description	No. Used
66	39-7591	Thermo Switch Assembly	1
67	3256-3	Washer - Flat	3
68	2412-39	Clamp - R	1
69	2412-73	Clamp - R	1
70	323-4	Screw - Cap Hex. Hd.	4
71	69-1940	Indicator - Electrical	1
72	48-7630	Screw	1
73	48-7890	Nut - Hex.	1
74	3253-3	Washer - Lock	1
75	3253-21	Washer - Lock	4
76	322-13	Screw - Cap Hex. Hd.	1
77	56-7974	Clamp Half - Hydraulic Line	2
78	69-9761	Plate - Cover	1

*Not Illustrated

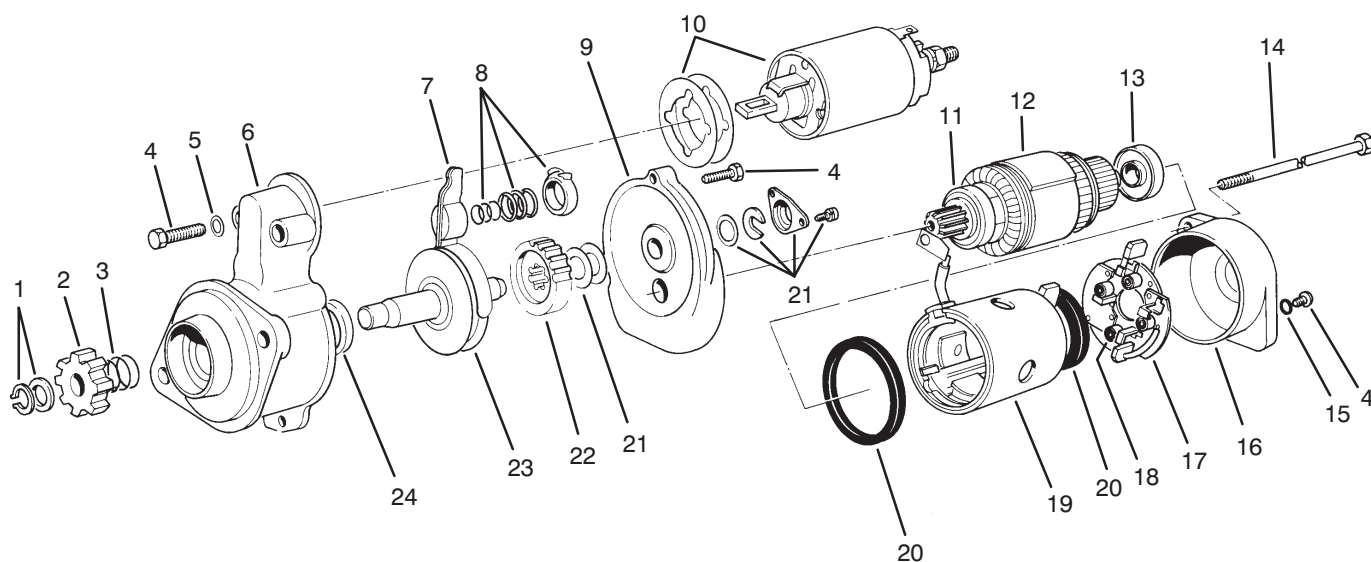


T-0580

STARTER & ALTERNATOR INSTALLATION ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	70-5760	Alternator Assembly	1
2	70-5740	Plate	1
3	51-8590	Washer	1
4	51-7250	Washer - Lock	1
5	60-7370	Bolt	1
6	59-6910	Connector	1
7	70-5860	Starter Assembly	1
8	51-8640	Bolt	2

Ref. No.	Part No.	Description	No. Used
9	51-6390	Washer - Lock	2
10	70-5750	Bracket	1
11	51-8610	Washer - Lock	2
12	70-2940	Bolt	2
13	5-3637	Washer - Flat	1
14	43-5920	Washer - Lock	1
15	43-5970	Nut - Hex.	1



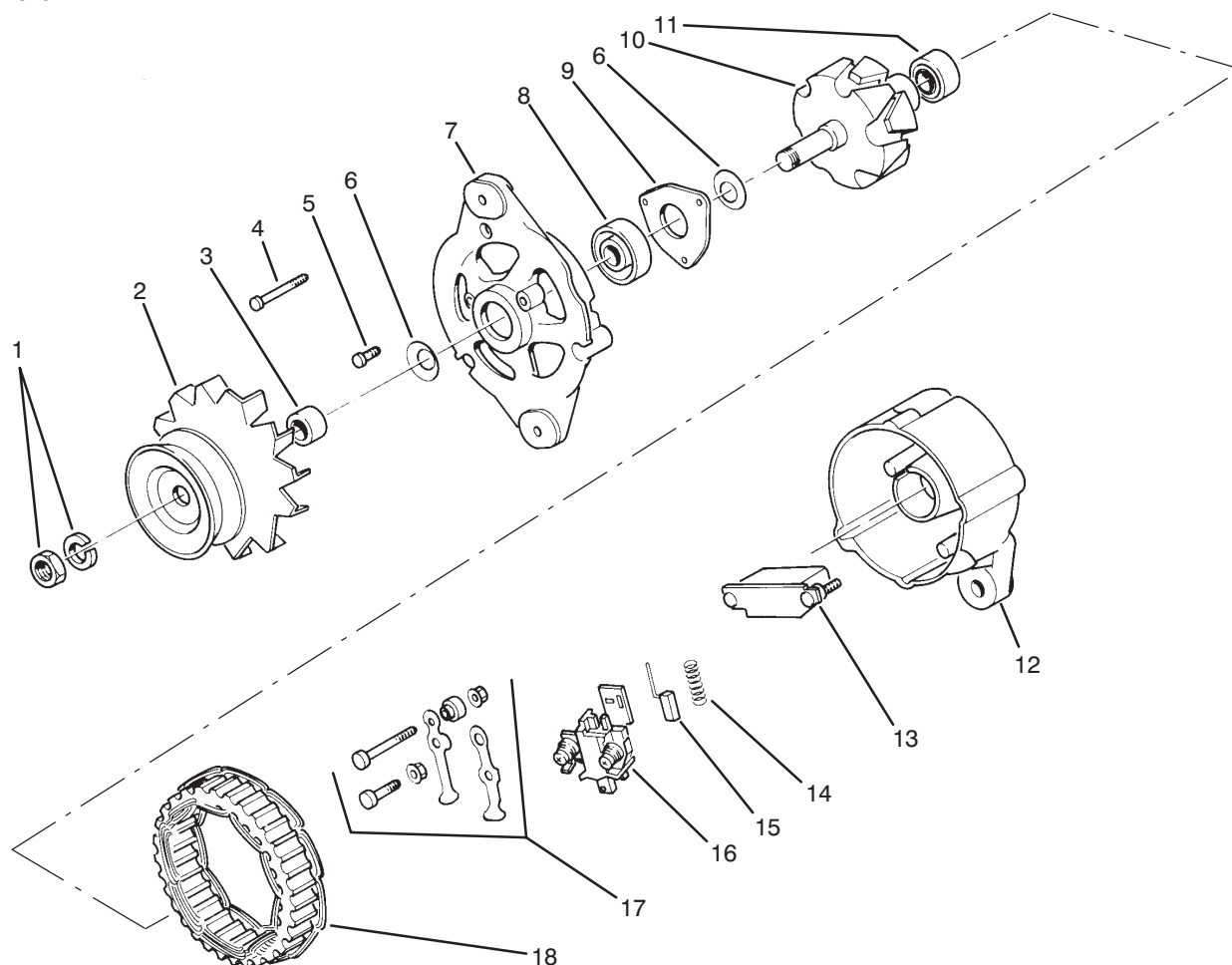
T-0160

STARTER MOTOR ASSEMBLY NO. 70-5860

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	51-7740	Retaining Ring Assembly	1	14	70-3310	Bolt Set	1
2	51-7730	Gear Pinion Assembly (Incl. Ref. #1 & 3)	1	15	51-7840	Ring - Rubber	2
†3		Spring	1	16	51-7830	Cover - Rear	1
4	51-7600	Screw Set	1	17	70-3290	Brush Holder Assembly (Incl. Ref. #18)	1
5	51-7610	Packing	2	18	70-3270	Spring - Brush	4
6	70-3280	Cover Assembly Front (Incl. Ref. #24)	1	19	70-3300	Yoke Assembly	1
7	51-7640	Lever Assembly	1	20	51-7790	Packing	2
8	51-7650	Spring Assembly	1	21	51-7780	Cover Assembly	1
9	51-7660	Bracket Assembly Center	1	22	51-7770	Gear - Pinion	1
10	51-7670	Solenoid	1	23	51-7760	Shaft Assembly	1
11	51-7690	Bearing	1	24	51-7630	Seal - Oil	1
12	70-3260	Armature Assembly (Incl. Ref. #11 & 13)	1	*	51-7750	Gear Assembly (Incl. Ref. #22 & 23)	1
13	70-3330	Bearing	1	*	51-7720	Clutch Assy. (Incl. Ref. #1-3 & 21-24)	1

*Not Illustrated

†Not Serviceable Separately



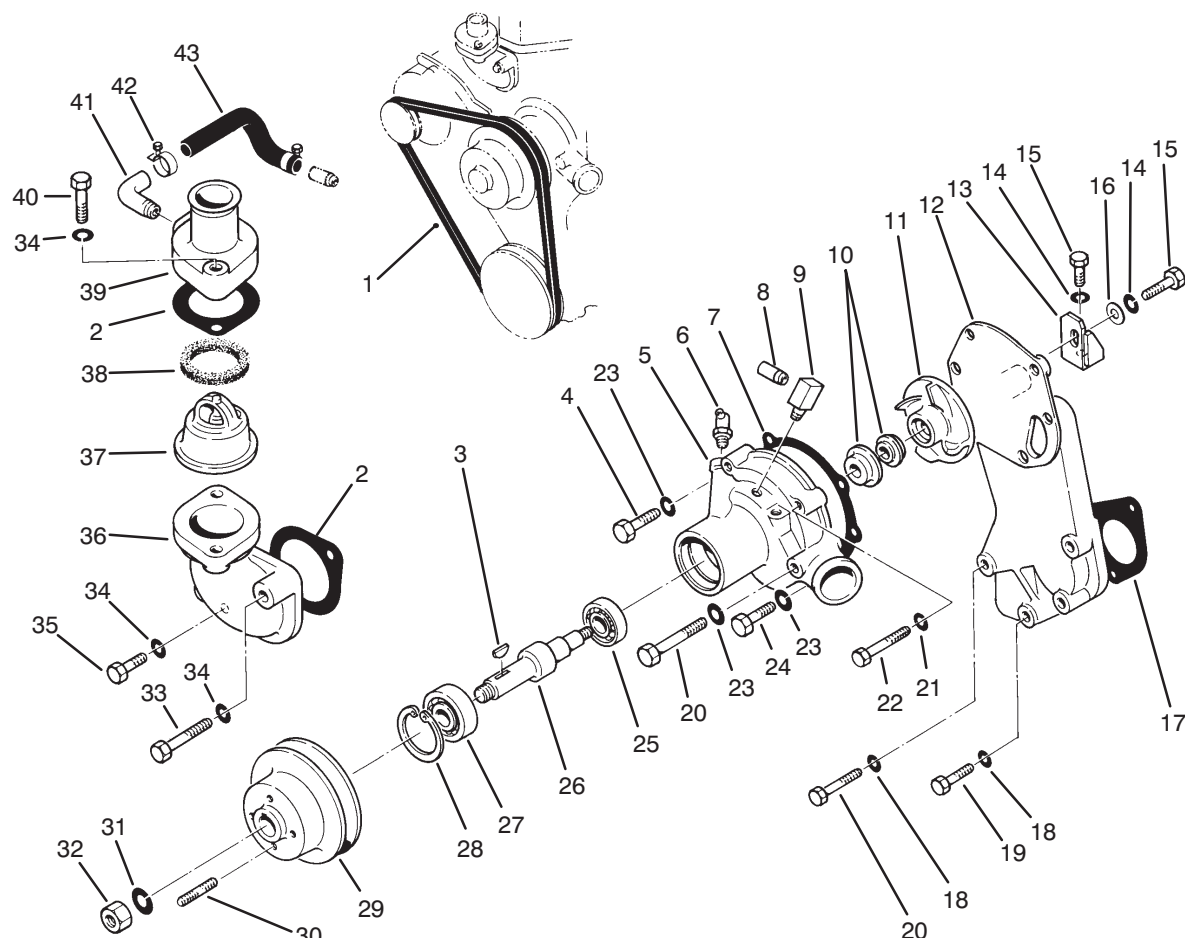
T-0161

ALTERNATOR ASSEMBLY NO. 70-5760

Ref. No.	Part No.	Description	No. Used
1	51-7850	Nut Assembly	1
2	70-2800	Pulley Assembly	
†3		(Incl. Ref. #3)	1
4	51-7870	Collar - Shaft	1
5	51-7890	Screw Set	1
†6		Screw Set	1
7	60-5340	Spring Washer	2
8		Cover Assembly - Front	
†9		(Incl. Ref. #5, 6, 8 & 9)	1
	70-3320	Bearing	1
		Plate - Bearing Retainer	1

Ref. No.	Part No.	Description	No. Used
10	51-7910	Rotor Assembly	
11		(Incl. Ref. #11)	1
12	60-5360	Bearing	1
13	60-5380	Cover Assembly - Rear	
14		(Incl. Ref. #13-17)	1
15	60-5370	Rectifier Assembly	1
16	70-2810	Spring - Return	2
17	51-7970	Brush	2
18	51-7960	Regulator Assembly	
		(Incl. Ref. #14 & 15)	1
	51-7950	Terminal Assembly	1
	51-7930	Stator	1

†Not Serviceable Separately



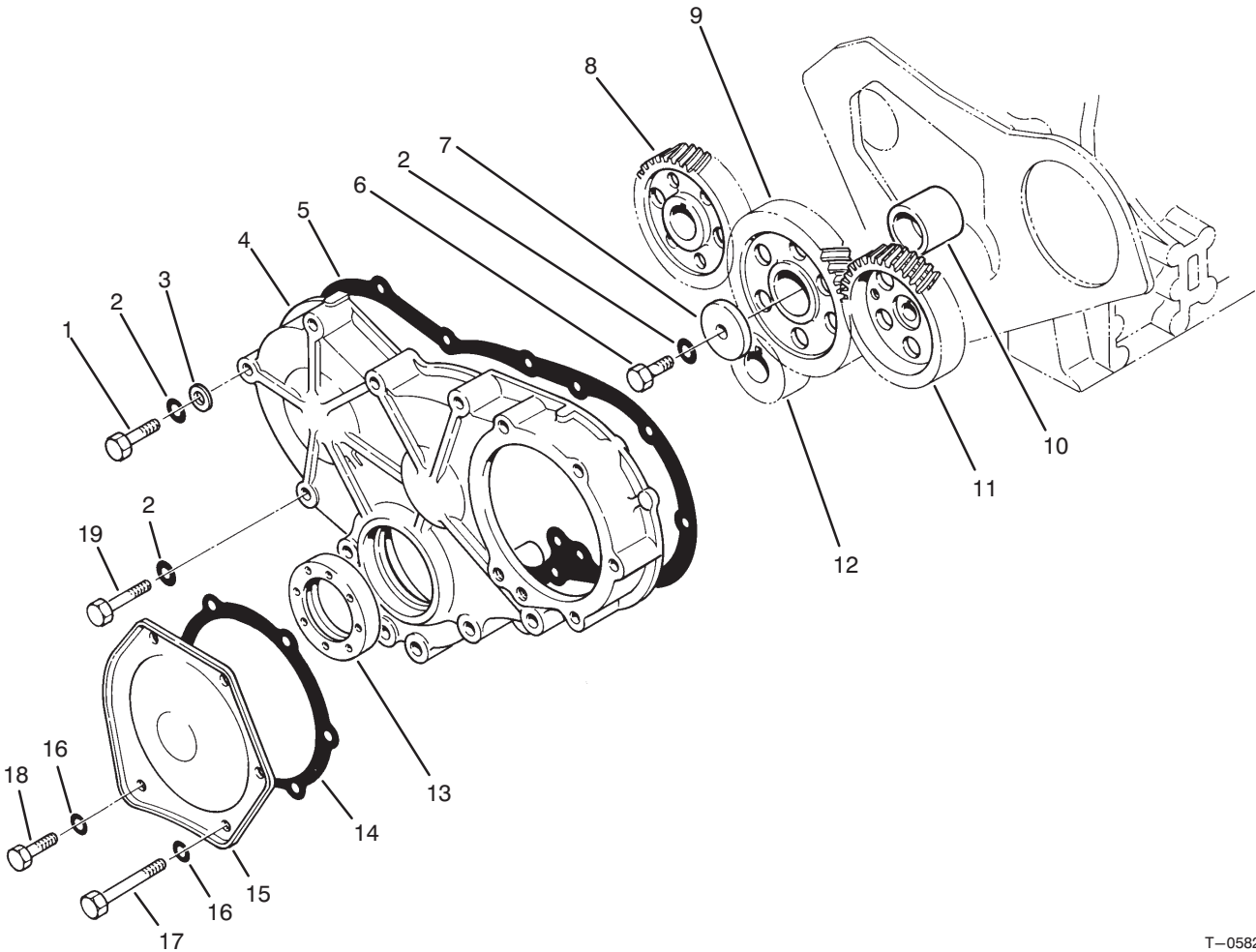
T-0581

WATER PUMP ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	70-3450	V-Belt	1
†2	51-7210	Gasket	2
3	51-6960	Key	1
4	70-2910	Bolt	1
5	70-5600	Water Pump Assembly (Incl. Ref #3-4, 6-11 & 25-32)	1
6	51-7020	Nipple	1
7	70-5650	Gasket	1
8	51-7170	Pipe	1
9	70-5620	Connector	1
10	51-7030	Seal	1
11	70-5610	Impeller	1
12	70-5640	Bracket	1
13	70-5670	Stay	1
14	51-6390	Washer - Lock	2
15	70-2890	Bolt	2
16	70-2990	Washer	1
†17	70-5660	Gasket	1
18	51-6390	Washer - Lock	4
19	70-2900	Bolt	1
20	70-2920	Bolt	3
21	51-6920	Washer - Lock	2

Ref. No.	Part No.	Description	No. Used
22	70-2850	Bolt	2
23	51-6390	Washer - Lock	4
24	51-4910	Bolt	2
25	51-6980	Bearing	1
26	70-5630	Shaft	1
27	51-6950	Bearing	1
28	51-6940	Ring	1
29	70-5680	Pulley	1
30	70-2950	Stud	4
31	51-6920	Washer - Lock	1
32	51-6910	Nut	1
33	70-2860	Bolt	1
34	51-7250	Washer - Lock	4
35	60-7280	Bolt	1
36	70-5690	Elbow	1
37	51-7230	Thermostat	1
†38	51-7220	Gasket	1
39	70-5050	Cover	1
40	60-7040	Bolt	2
41	70-5590	Connector	1
42	51-7200	Clamp	2
43	70-5040	Hose	1

†Included in Gasket Set No. 70-6950



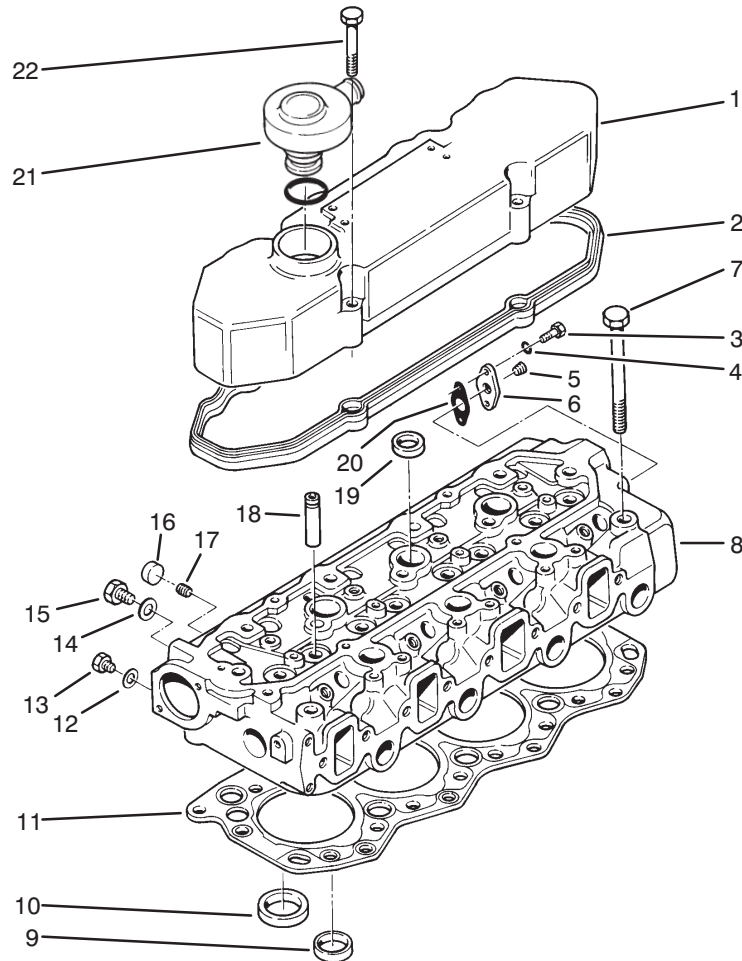
T-0582

TIMING GEAR CASE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	51-4920	Bolt	1
2	51-6390	Washer - Lock	11
3	70-2990	Washer	1
4	70-5790	Case	1
†5	70-5370	Gasket	1
6	60-7210	Bolt	1
7	51-6400	Plate	1
8	70-5020	Gear - Camshaft	1
9	70-5450	Idler Assembly (Incl. Ref. #10)	1

Ref. No.	Part No.	Description	No. Used
10	51-6430	Bushing	1
11	70-6040	Gear - Injection Pump	1
12	70-5830	Gear - Crankshaft	1
†13	70-5780	Seal	1
†14	51-5860	Gasket	1
15	51-5850	Cover	1
16	51-7250	Washer - Lock	5
17	70-2860	Bolt	4
18	60-7110	Bolt	1
19	70-2930	Bolt	9

†Included in Gasket Set No. 70-6950
‡Included In Oil Seal Kit No. 70-6960

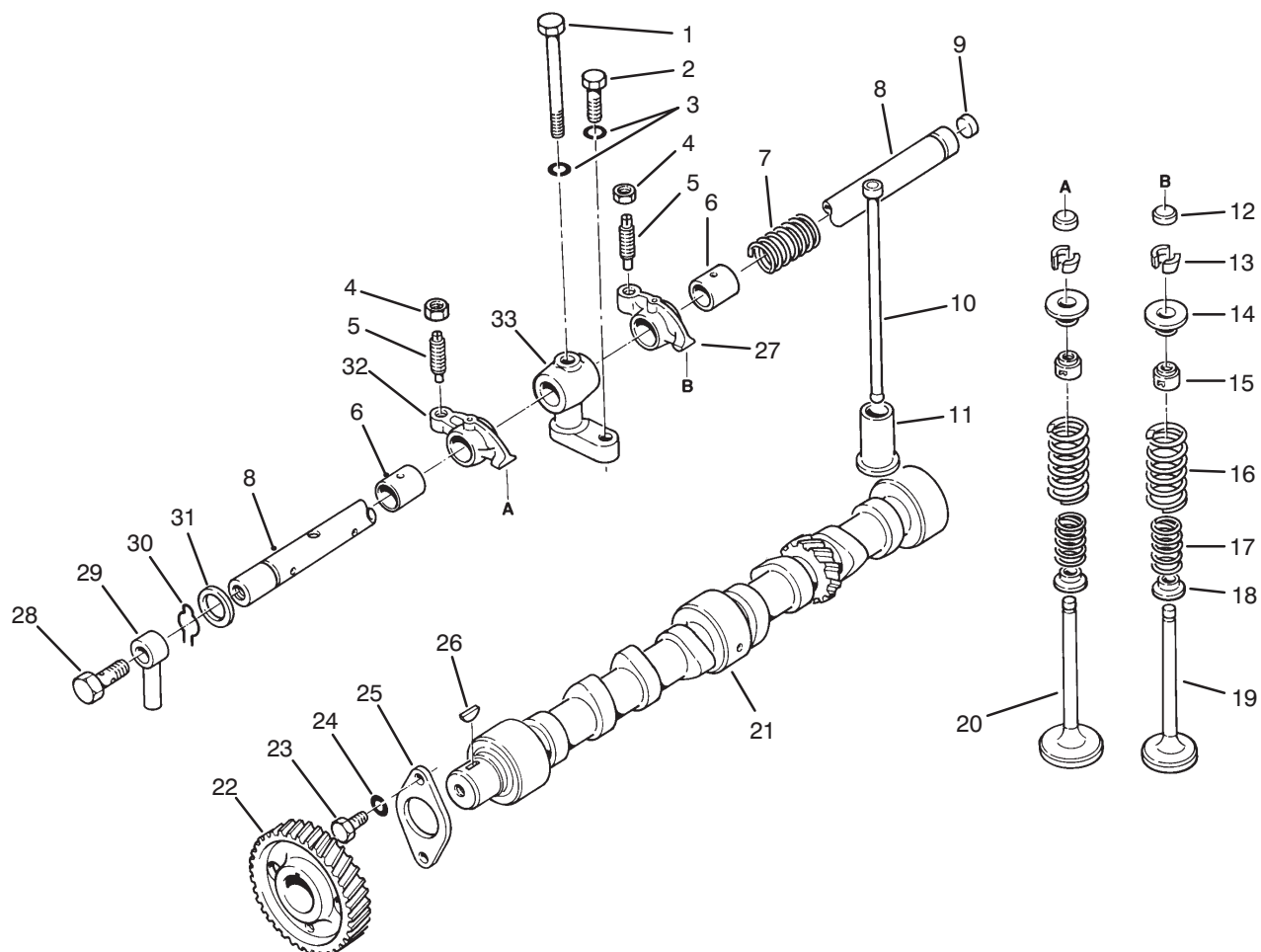


T-0583A

ROCKER COVER & CYLINDER HEAD ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	93-3681	Cover	1	†11	70-5130	Gasket	1
†2	93-3682	Gasket	1	†12	51-5840	Washer	1
3	60-7280	Bolt	2	13	70-3100	Plug	1
4	51-7250	Washer - Lock	2	†14	51-6890	Gasket	1
5	70-5140	Plug	1	15	70-3230	Plug	1
6	70-5890	Flange	1	16	70-3360	Cap	4
7	63-4740	Bolt	17	17	70-3390	Plug	4
8	70-5900	Cylinder Head Assembly (Incl. Ref. #3-6, 9-10 & 12-20)	1	18	51-4950	Guide	8
9	70-5870	Insert - Exhaust	4	19	70-3380	Cap	15
10	70-5880	Insert - Inlet	4	20	70-5090	Gasket	1
				21	70-5570	Breather	1
				22	70-2930	Bolt	4

†Included in Gasket Set No. 70-6950



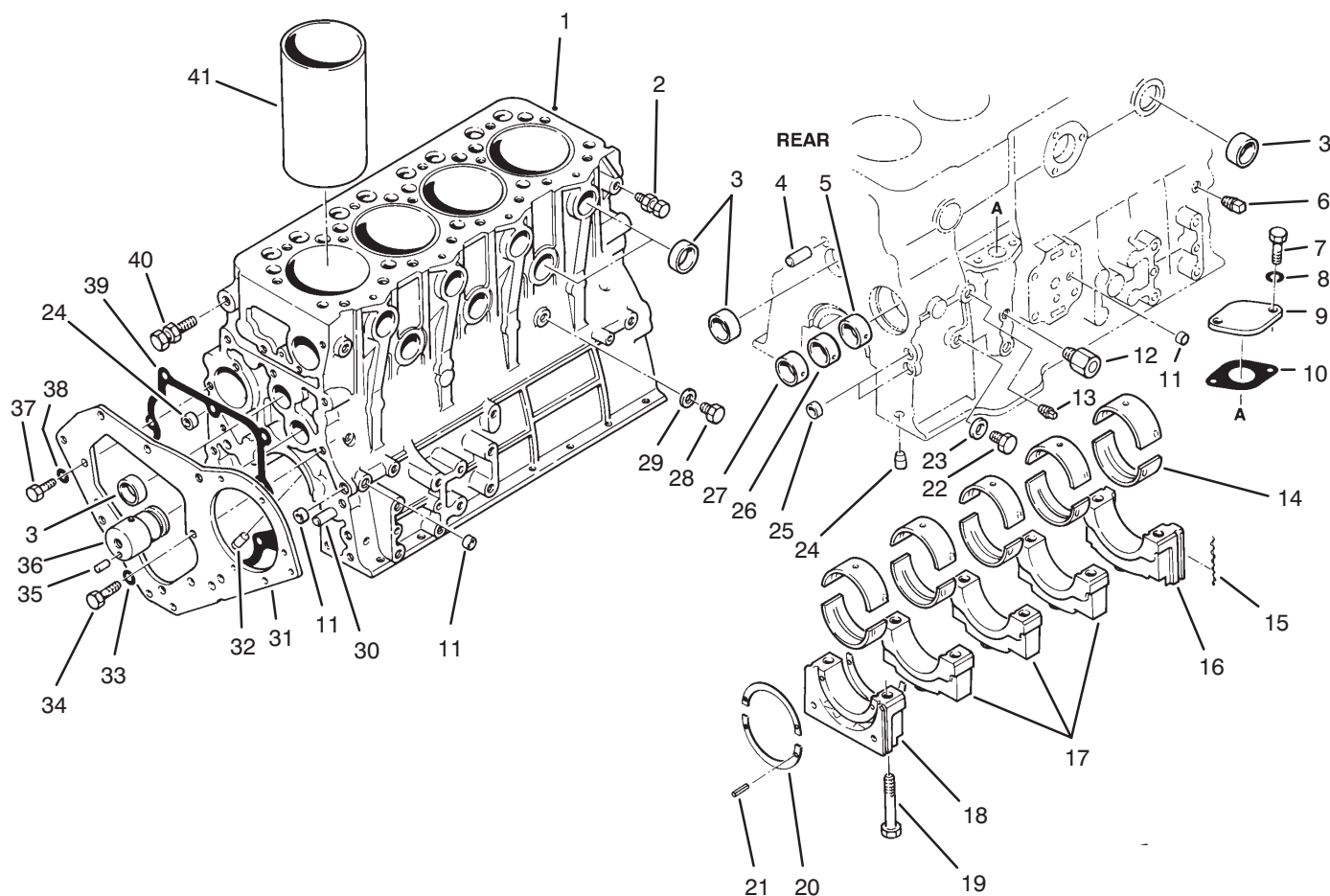
T-0584

VALVE & CAMSHAFT ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	70-2870	Bolt	4
2	60-7280	Bolt	4
3	51-7250	Washer - Lock	8
4	70-2970	Nut	8
5	70-3160	Screw	8
6	70-5080	Bushing	8
7	70-5190	Spring	3
8	70-5180	Rocker Shaft Assembly (Incl. Ref. #9)	1
9	51-5090	Plug	1
10	70-5230	Rod - Push	8
11	70-5010	Tappet	8
12	51-5280	Cap	8
13	51-5290	Cotter (Available in set w/pair)	16
14	51-5300	Retainer	8
†15	51-5310	Seal	8
16	70-5930	Spring	8
17	70-4990	Spring	8

Ref. No.	Part No.	Description	No. Used
18	70-5000	Retainer	8
19	70-5920	Valve - Exhaust	4
20	70-5910	Valve - Inlet	4
21	70-5940	Camshaft	1
22	70-5020	Gear - Camshaft	1
23	60-7110	Bolt	2
24	51-7250	Washer - Lock	2
25	51-5470	Plate	1
26	51-5460	Key	1
27	70-5160	Rocker Assembly - Exhaust (Incl. Ref. #4-6)	4
28	70-3050	Bolt	1
29	70-5170	Pipe	1
30	51-5260	Ring - Retaining	2
31	70-5110	Washer	2
32	70-5150	Rocker Assembly - Intake (Incl. Ref. #4-6)	4
33	70-5200	Bracket	4

†Included in Oil Seal Kit No. 70-6960



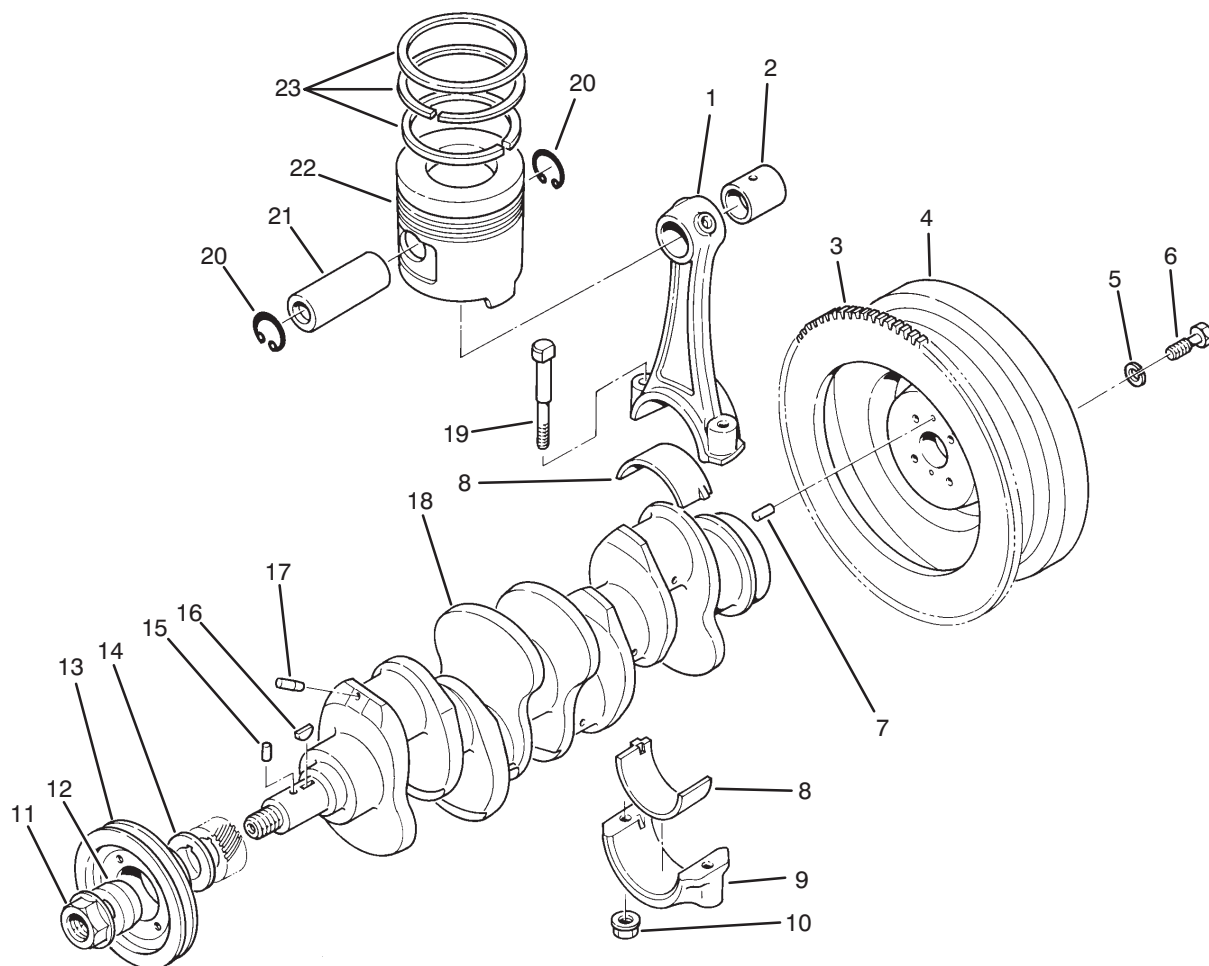
T-0585

CRANKCASE ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	70-5960	Crankcase Assembly (Incl. Ref. #2-6, 11, 13, 15-19, 21-30, 32, 35-36, & 40-41)	1	20	70-5361	Plate - Thrust O.S. 0.15mm	3
2	51-5580	Hanger	1	20	70-5362	Plate - Thrust O.S. 0.30mm	3
3	51-5600	Cap	11	20	70-5363	Plate - Thrust O.S. 0.45mm	3
4	70-3000	Pin	2	21	51-5650	Pin	6
5	51-5500	Bushing No. 1	1	22	70-3120	Plug	1
6	70-3400	Plug	6	†23	70-3080	Gasket	1
7	60-7280	Bolt	2	24		Plug	2
8	51-7250	Washer	2	25	70-3370	Cap	3
9	51-6480	Cover	1	26	51-5510	Bushing - No. 2	1
†10	51-6490	Gasket	1	27	51-5520	Bushing - No. 3	1
11	70-3350	Cap	6	28	51-8280	Bolt	1
12	70-5950	Connector	1	†29	51-8270	Washer	1
13	70-3410	Plug	1	30	70-5320	Pin	2
14	70-5350	Bearing - Main (Std.)	10	31	70-5250	Plate	1
14	70-5351	Bearing - Main U.S. 0.25mm	10	32	70-5340	Valve	4
14	70-5352	Bearing - Main U.S. 0.50mm	10	33	51-6390	Washer	1
14	70-5353	Bearing - Main U.S. 0.75mm	10	34	70-2890	Bolt	1
‡15	70-5240	Seal	4	35	51-5650	Pin	1
16		Cap - Bearing No. 1	1	36	51-5640	Idler Shaft Assembly (Incl. Ref. #35)	1
17		Cap - Bearing No. 2,3, & 4	3	37	60-7110	Bolt	1
18		Cap - Bearing No. 5	1	38	51-7250	Washer	1
19	70-5300	Bolt	10	†39	70-5260	Gasket	1
20	70-5360	Plate - Thrust (Std.)	3	40	70-5290	Hanger	1
				41	70-5280	Sleeve	4

†Included in Gasket Set No. 70-6950

‡Included In Oil Seal Kit No. 70-6960



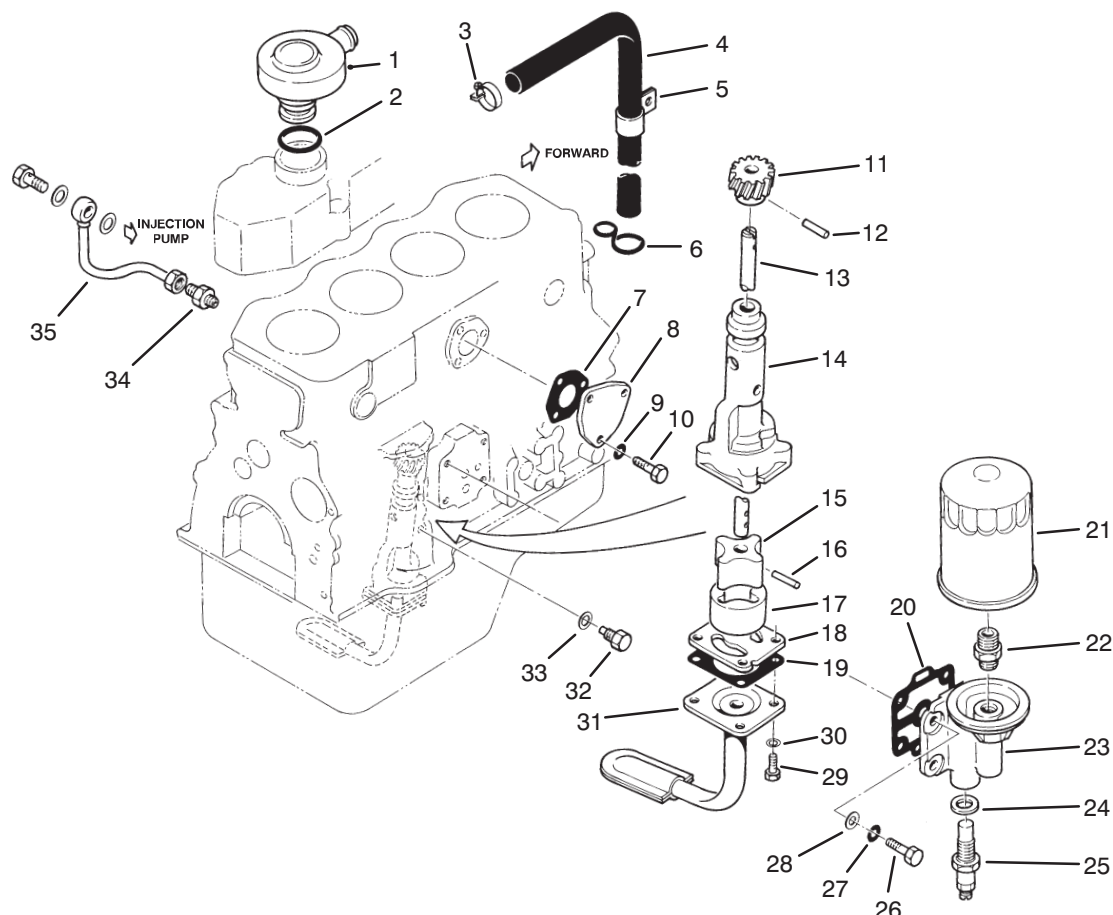
T-0586

PISTON, CONNECTING ROD, CRANKSHAFT & FLYWHEEL

Ref. No.	Part No.	Description	No. Used
1	70-5990	Connecting Rod - Std. (Incl. Ref. #2, 8-10 & 19)	4
2	70-6000	Bushing	4
3	51-6350	Gear	1
4	70-6030	Flywheel Assembly (Incl. Ref. #3)	1
5	51-8610	Washer - Lock	4
6	70-2880	Bolt	4
7	70-5800	Pin	2
8	70-5430	Bearing - Rod (Std.)	8
9		Cap	4
10	70-5420	Nut	8
11	70-3170	Nut	1
12	70-5820	Cone	1
13	70-5440	Pulley	1
14	70-5810	Plate	1
15	51-5650	Pin	1

Ref. No.	Part No.	Description	No. Used
16	51-5460	Key	1
17		Plug	2
18	70-6020	Crankshaft Assembly (Incl. Ref. #7, 11, & 15-17)	1
19	70-6010	Bolt	8
20	70-3020	Ring	8
21	70-5410	Pin	4
22	70-5980	Piston (Std.)	4
23	70-5400	Ring Set - Std.	4
*	70-5401	Ring Set - O.S. 0.25mm	4
*	70-5402	Ring Set - O.S. 0.50mm	4
*	70-5431	Bearing - Rod U.S. 0.25mm	4
*	70-5432	Bearing - Rod U.S. 0.50mm	4
*	70-5433	Bearing - Rod U.S. 0.75mm	4
*	70-5981	Piston - O.S. 0.25mm	4
*	70-5982	Piston - O.S. 0.50mm	4

*Not Illustrated

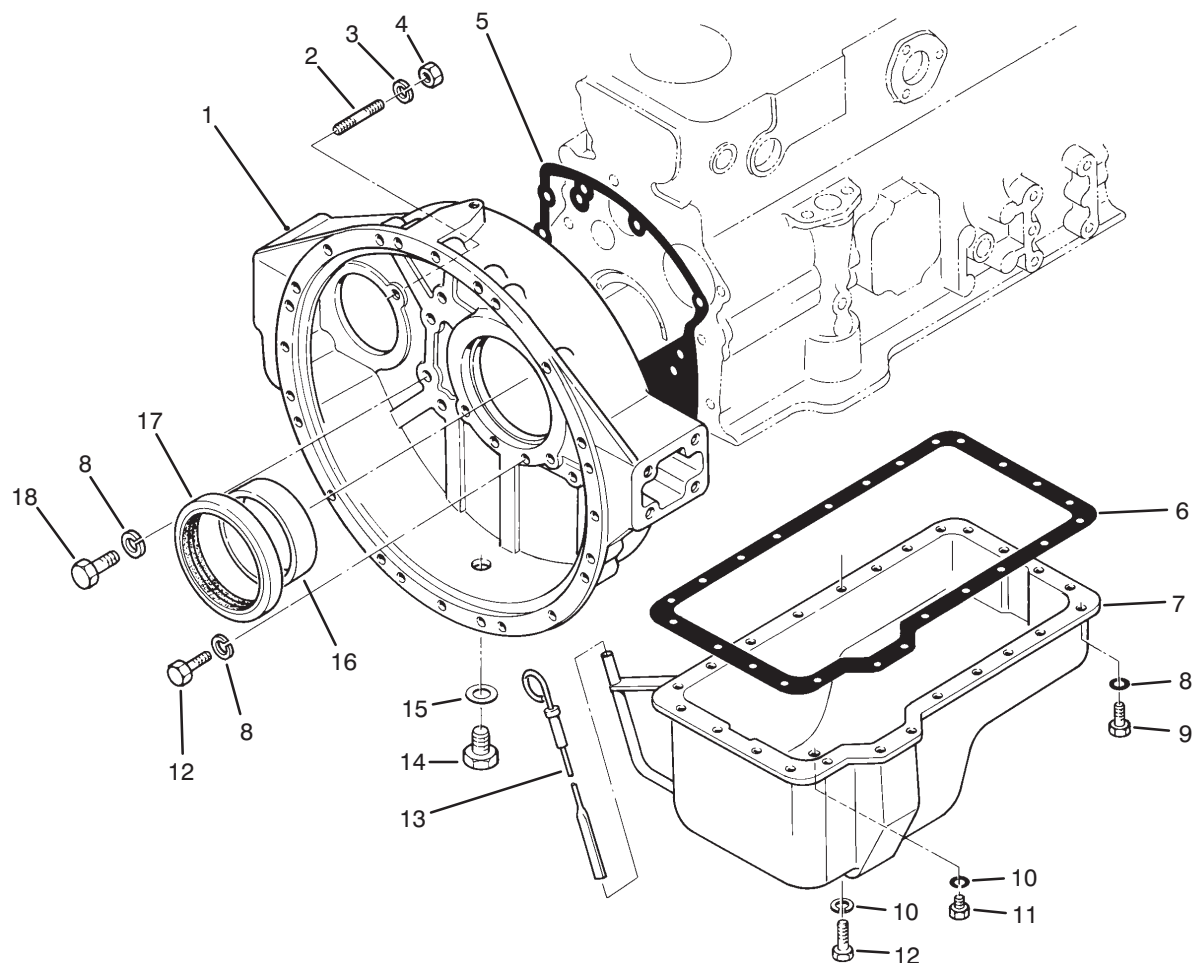


T-0587

OIL PUMP, BREATHER & FILTER

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	70-5570	Breather	1	†19	70-5510	Gasket	1
†2	70-3220	O-Ring	1	†20	70-5550	Gasket	1
3	70-3090	Clamp	1	21	49-2500	Element Assembly	1
4	70-3030	Tube	1	22	70-5520	Union	1
5	70-3420	Clip	1	23	70-5530	Bracket Assembly (Incl. Ref. #22, 24 & 25)	1
6	70-5580	Stay	1	24	51-6820	Washer	1
†7	70-5100	Gasket	1	25	51-6830	Relief Valve Assembly	1
8	70-5270	Cover	1	26	60-7480	Bolt	4
9	51-7250	Washer	3	27	51-6390	Washer - Lock	4
10	60-7110	Bolt	3	28	70-2990	Washer	4
11		Gear	1	29	60-7290	Bolt	4
12		Pin	1	30	51-7400	Washer	4
13		Shaft	1	31	70-5500	Strainer	1
14	70-5840	Oil Pump Assembly (Incl. Ref. #11-13, 15-18 & 29-30)	1	32	70-5120	Bolt	1
15		Rotor	1	†33	70-3070	Gasket	1
16		Pin	2	34	70-3340	Connector	1
17		Rotor	1	35	70-5030	Pipe	1
18	70-5850	Cover	1	*	70-5540	Oil Filter Assembly (Incl. Ref. #21-25)	1

†Included in Gasket Set No. 70-6950



T-0588

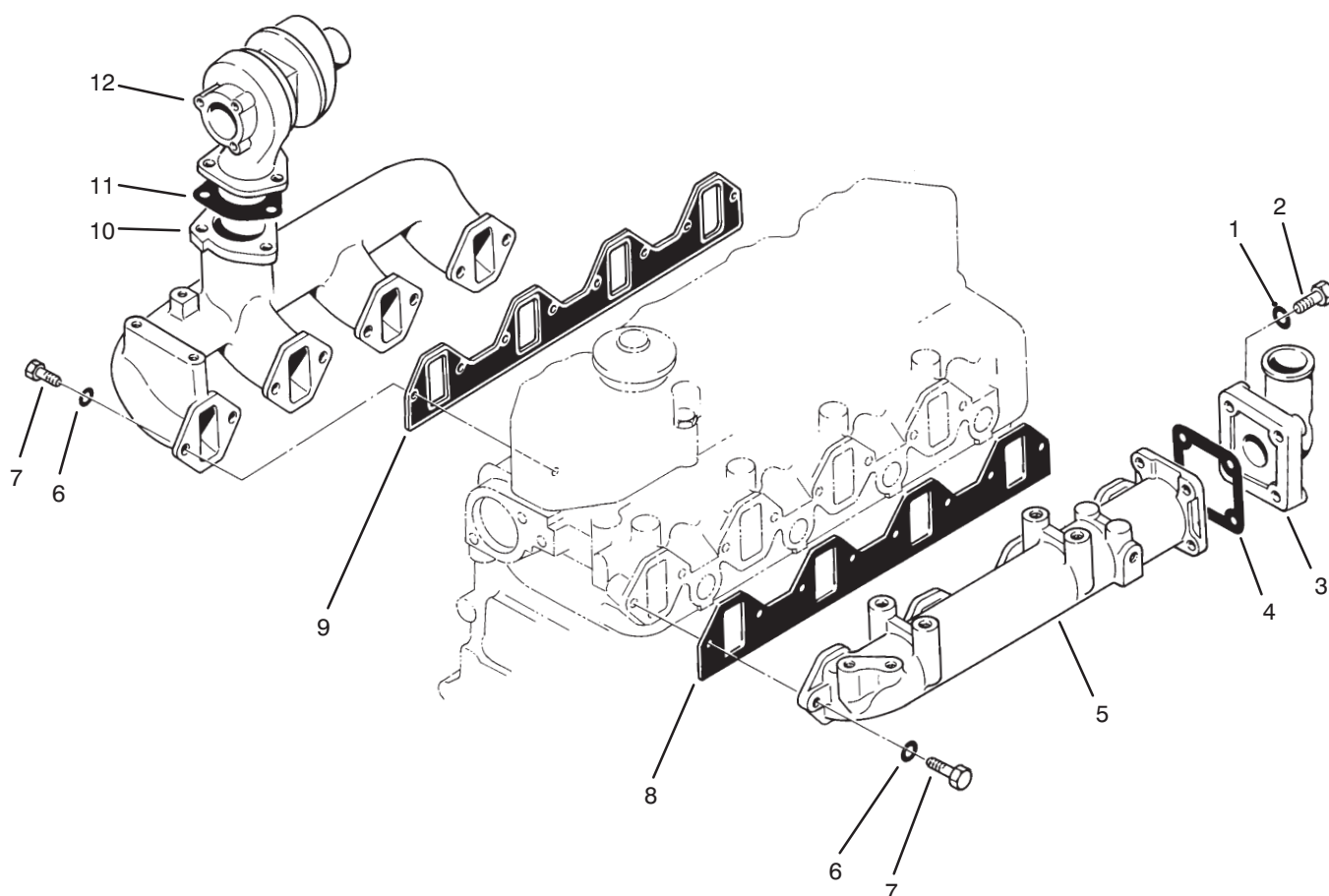
FLYWHEEL HOUSING & OIL PAN ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	70-5970	Housing	1
2	51-5950	Stud	2
3	51-6390	Washer - Lock	13
4	51-5970	Nut	2
†5	70-5330	Gasket	1
†6	70-5390	Gasket	1
7	70-5380	Pan - Oil (Incl. Ref. #10 & 11)	1
8	51-7250	Washer - Lock	28
9	60-7280	Bolt	23

Ref. No.	Part No.	Description	No. Used
†10	70-3470	Washer - Drain Plug	1
11	70-3110	Plug - Drain	1
12	60-7370	Bolt	5
13	70-5560	Gage	1
14	70-3230	Plug	1
†15	51-6890	Gasket - Plug	1
16		Sleeve	1
‡17	51-5890	Oil Seal Assembly (Incl. Ref. #16)	1
18	70-2900	Bolt	11

†Included in Gasket Set No. 70-6950

‡Included In Oil Seal Kit No. 70-6960

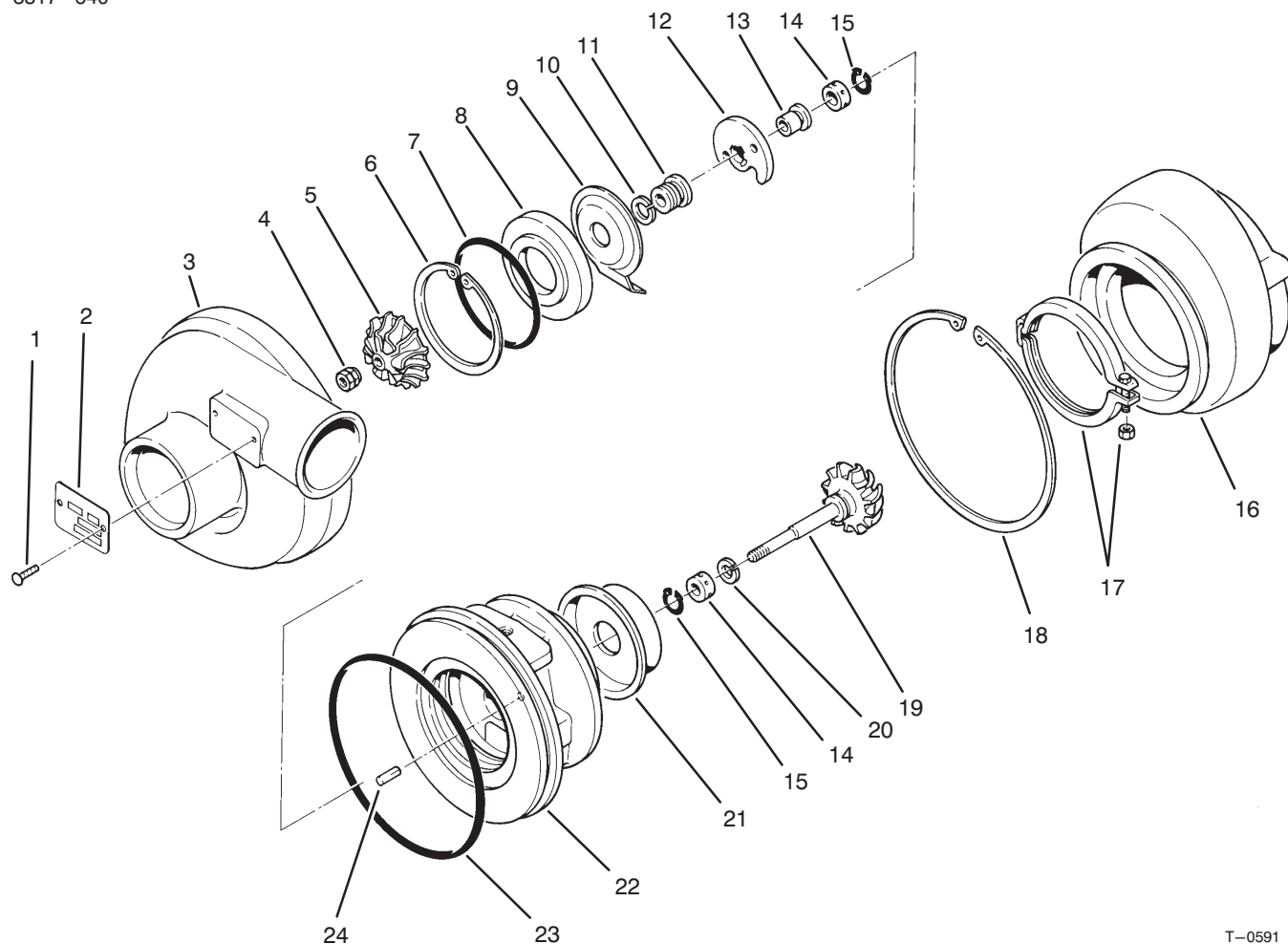


T-0590

INTAKE & EXHAUST MANIFOLD ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	51-7250	Washer	4	7	60-7370	Bolt	16
2	60-7370	Bolt	4	†8	70-6060	Gasket	1
3	70-6090	Elbow	1	†9	70-5460	Gasket	1
†4	70-3130	Gasket	1	10	70-5470	Manifold	1
5	70-6050	Manifold	1	†11	70-6250	Gasket	1
6	51-7250	Washer	16	12	70-6430	Turbocharger Assembly	1

†Included in Gasket Set No. 70-6950

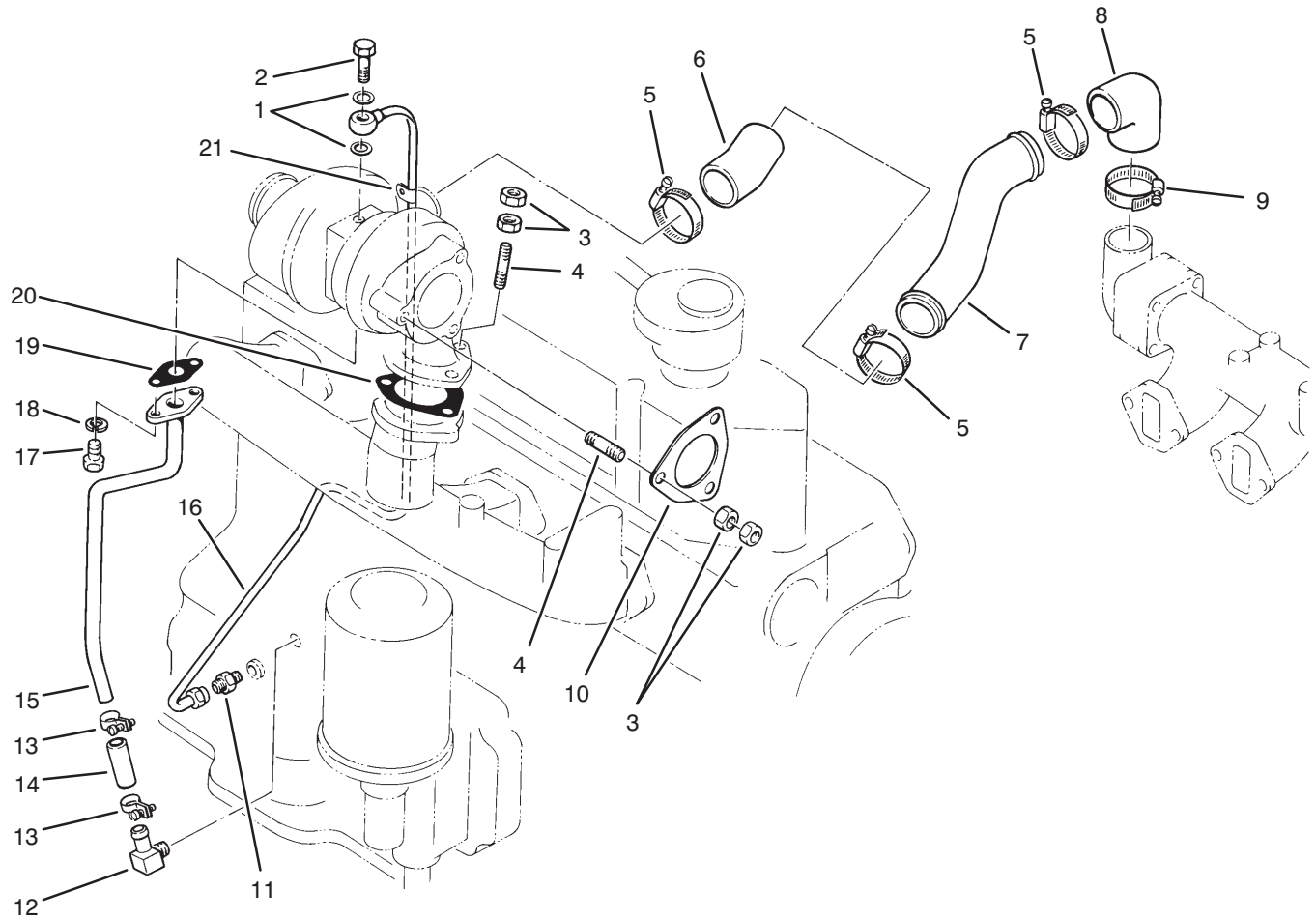


T-0591

TURBOCHARGER ASSEMBLY NO. 70-6430

Ref. No.	Part No.	Description	No. Used
1	60-7160	Rivet	2
2	70-6360	Plate	1
3	70-6340	Cover	1
4	70-6330	Nut	1
5	70-6320	Wheel	1
6	70-6300	Ring	1
7	70-6270	O-Ring	1
8	70-6290	Insert	1
9	70-6280	Deflector	1
10	70-6310	Ring	1
11	70-6410	Sleeve	1
12	70-6380	Bearing	1
13	70-6420	Ring	1
14	70-6370	Bearing	2

Ref. No.	Part No.	Description	No. Used
15	70-6390	Ring	2
16	70-6450	Housing	1
17	70-6230	Coupling Assembly	1
18	70-6400	Ring	1
19	70-6470	Shaft & Turbine Wheel Assy.	1
20	70-6350	Ring	1
21	70-6260	Plate	1
22	70-6460	Bearing Housing Assembly (Incl. Ref. #24)	1
23	70-3010	O-Ring	1
24		Pin	1
*	70-6440	Cartridge Assembly (Incl. Ref. #4-15 & 19-24)	1

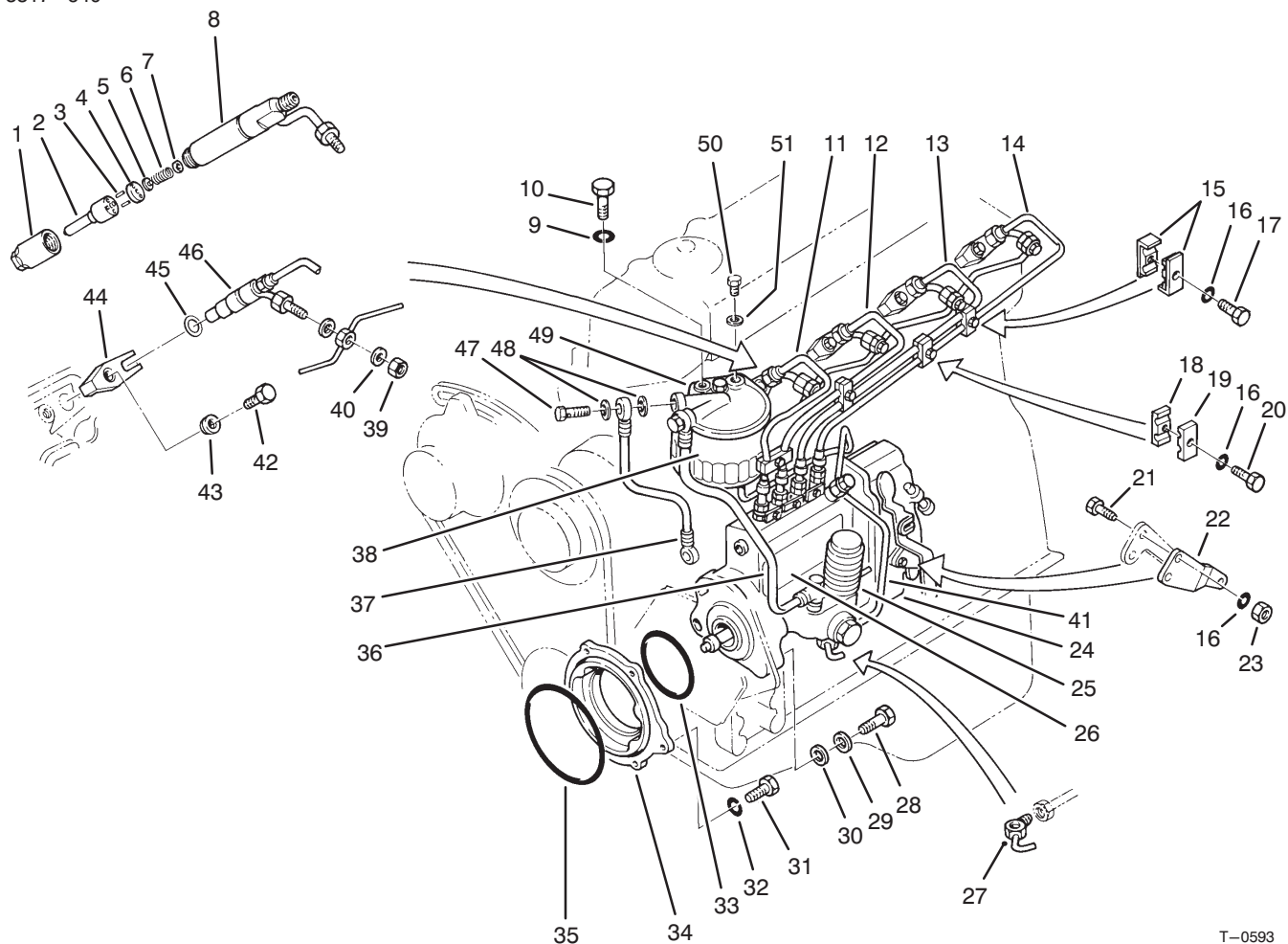


T-0592

TURBOCHARGER OIL PIPE ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
†1	70-3060	Gasket	2	12	70-5310	Fitting – 90° Elbow	1
2	70-4980	Bolt – Cap Hex Hd.	1	13	70-3090	Clamp – Hose	2
3	60-7120	Nut – Hex.	12	14	70-3040	Hose	1
4	70-3480	Stud	6	15	70-5490	Pipe – Oil	1
5	70-3430	Clamp – Hose	3	16	70-5480	Pipe – Oil	1
6	70-6080	Hose	1	17	70-2830	Bolt – Cap Hex. Hd.	2
7	70-6070	Pipe	1	18	51-7400	Washer – Lock	2
8	70-4950	Hose – 90° Elbow	1	19	70-4970	Gasket	1
9	70-3440	Clamp – Hose	1	†20	70-6250	Gasket	1
10	70-6240	Gasket	1	21	70-4960	Clamp – R	1
11	70-3340	Connector	1				

†Included in Gasket Set No. 70-6950



T-0593

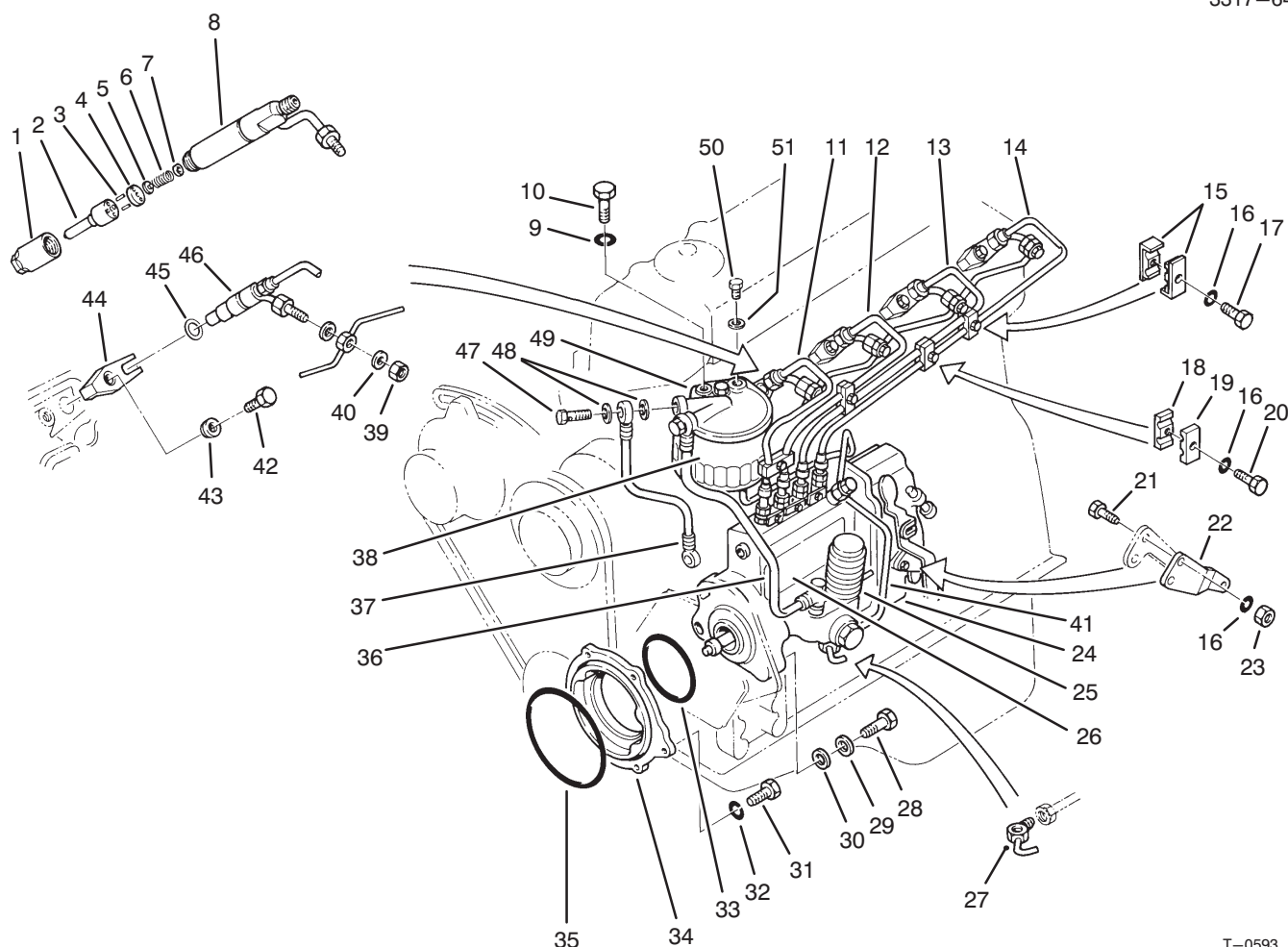
FUEL SYSTEM ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	70-4840	Nut	4
2	70-6170	Nozzle Tip Assembly	4
3	70-6830	Pin	8
4	70-4930	Packing	4
5	70-4820	Pin	4
6	70-4830	Spring	4
7	70-4860	Washer 1.00 mm	A/R
*	70-4870	Washer 1.05 mm	A/R
*	70-4880	Washer 1.10 mm	A/R
*	70-4850	Washer 2.15 mm	A/R
*	70-4890	Washer 1.275 mm	A/R
*	70-4900	Washer 1.325 mm	A/R
*	70-4910	Washer 1.775 mm	A/R
*	70-4920	Washer 0.95 mm	A/R
8	70-4810	Body Assembly	4
9	51-6390	Washer - Lock	2
10	60-7480	Bolt	2
11	70-6190	Pipe - No. 1	1
12	70-6100	Pipe - No. 2	1
13	70-6200	Pipe - No. 3	1
14	70-6110	Pipe - No. 4	1
15	60-5210	Clamp	2
16	51-7400	Washer - Lock	6
17	70-2840	Bolt	1

Ref. No.	Part No.	Description	No. Used
18	70-3180	Clamp	3
19	70-3190	Clamp	3
20	70-2830	Bolt	3
21	70-2820	Bolt	2
22	70-5770	Lever	1
23	70-2960	Nut	2
24		Governor	1
25	70-5700	Fuel Feed Pump	1
26	70-6180	Injection Pump (Incl. Ref. #24 & 25)	1
27	70-5060	Joint	1
28	51-4910	Bolt	4
29	51-6390	Washer	4
30	70-2990	Washer	4
31	60-7280	Bolt	2
32	51-7250	Washer - Lock	2
†33	70-6130	O-Ring	1
34	70-6210	Flange	1
†35	70-5070	O-Ring	1
36	70-3140	Pipe	1
37	70-3150	Pipe	1
38	70-5730	Filter Element Assembly	1
39	70-2980	Nut	4
†40	70-3460	Washer	8

*Not Illustrated

†Included in Gasket Set No. 70-6950



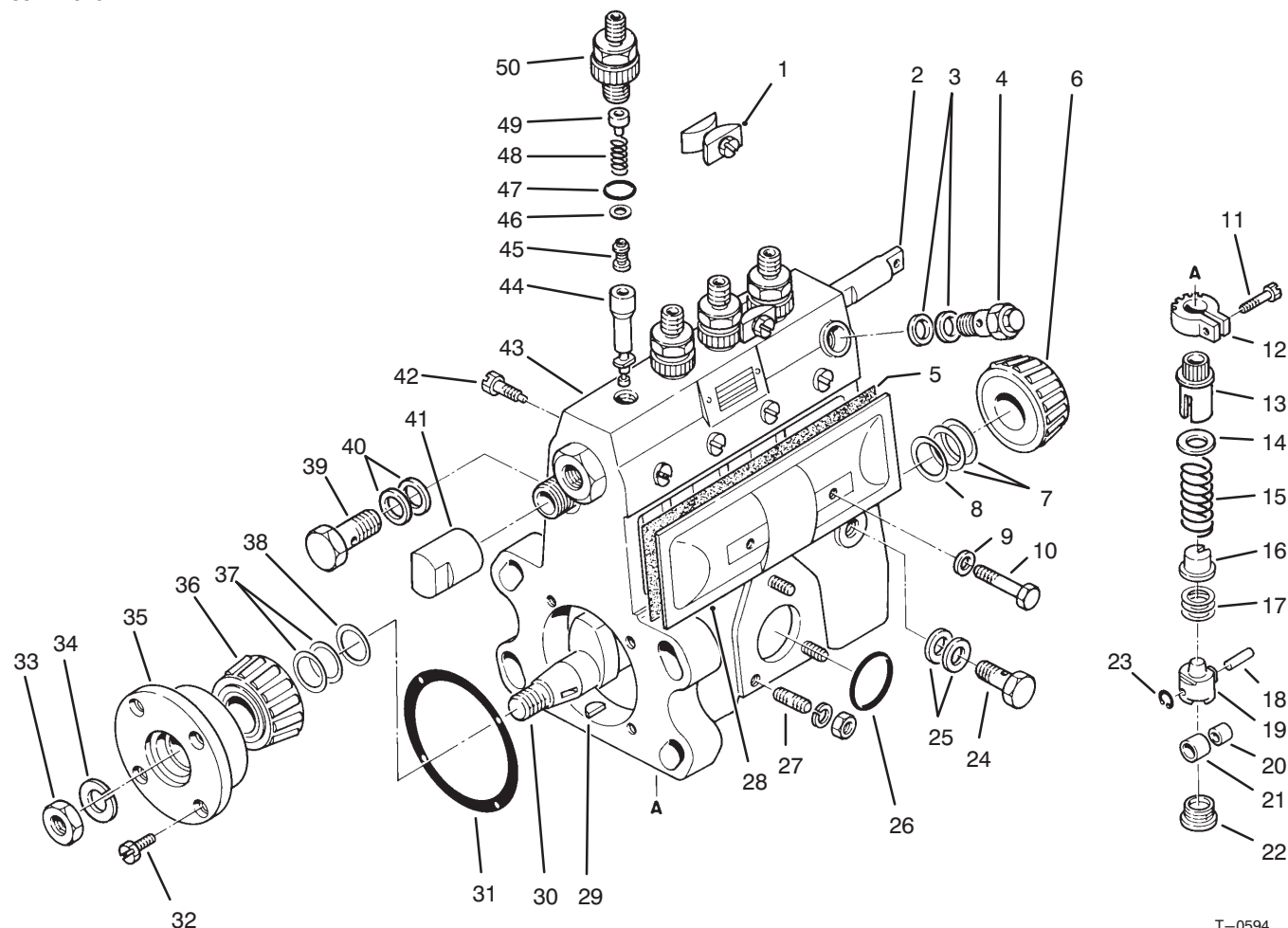
T-0593

FUEL SYSTEM ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
41	70-6120	Pipe	1	47	70-3250	Bolt	2
42	70-2850	Bolt	4	48	70-3210	Packing	4
43	70-6140	Washer	4	49	70-5720	Bracket	1
44	70-6220	Gland	4	50	70-3200	Washer	1
†45	70-6150	Gasket	4	51	70-3240	Plug	1
46	70-6160	Nozzle Assembly (Incl. Ref. #1-8)	4	*	70-5710	Fuel Filter Assembly (Incl. Ref. #38 & 47-51)	1

*Not Illustrated

†Included in Gasket Set No. 70-6950



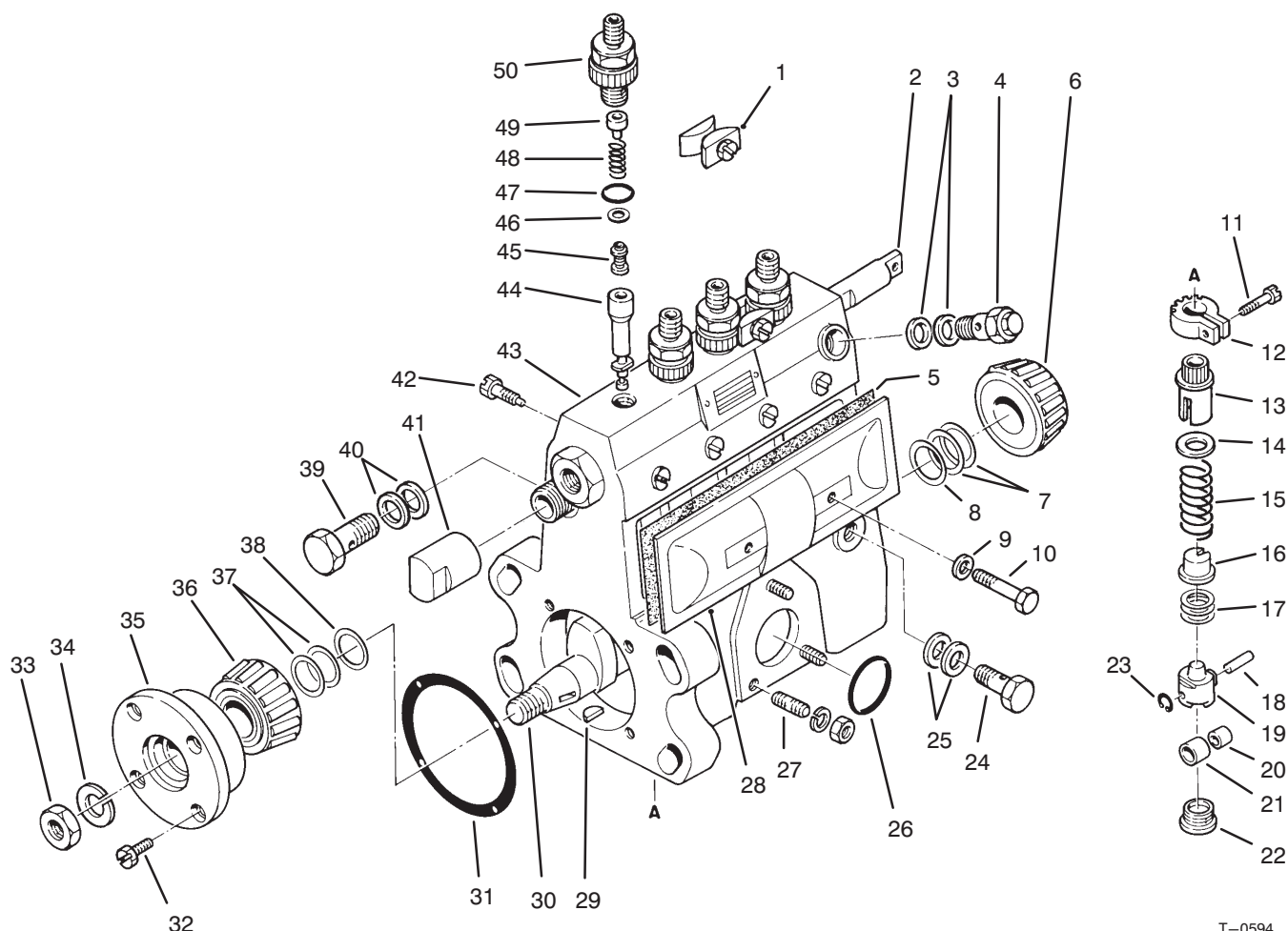
T-0594

FUEL INJECTION PUMP ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	70-3880	Plate	2
2	70-3840	Rack	1
3	70-3860	Washer	2
4	70-3960	Valve	1
5	70-3930	Gasket	1
6	70-6850	Bearing	2
7	70-3710	Plate - 0.10	A/R
*	70-3720	Plate - 0.12	A/R
*	70-3730	Plate - 0.14	A/R
*	70-3740	Plate - 0.16	A/R
*	70-3750	Plate - 0.18	A/R
*	70-3760	Plate - 0.50	A/R
*	70-3770	Plate - 0.30	A/R
8	70-3690	Ring	1
9	70-3900	Packing	2
10	70-3950	Screw	2
11	70-3570	Screw	4
12	70-3560	Pinion	4
13	70-3580	Sleeve	4
14	70-3590	Seat	4
15	70-3600	Spring	4
16	70-3610	Seat	4

Ref. No.	Part No.	Description	No. Used
17	70-3970	Plate - 0.6	A/R
*	70-3980	Plate - 0.7	A/R
*	70-3990	Plate - 0.8	A/R
*	70-4000	Plate - 0.9	A/R
*	70-4010	Plate - 1.0	A/R
*	70-4020	Plate - 1.1	A/R
*	70-4030	Plate - 1.2	A/R
*	70-4040	Plate - 1.3	A/R
*	70-4050	Plate - 1.4	A/R
*	70-4060	Plate - 0.1	A/R
*	70-4070	Plate - 0.2	A/R
*	70-4080	Plate - 0.3	A/R
*	70-4090	Plate - 0.4	A/R
*	70-4100	Plate - 0.5	A/R
*	70-4110	Plate - 0.15	A/R
18	70-3640	Pin	4
19	70-3620	Body	4
20	70-3650	Bushing	4
21	70-3660	Roller	4
22	70-3670	Plug	4
23	70-6800	E-Ring	4
24	70-6930	Screw	1

*Not Illustrated



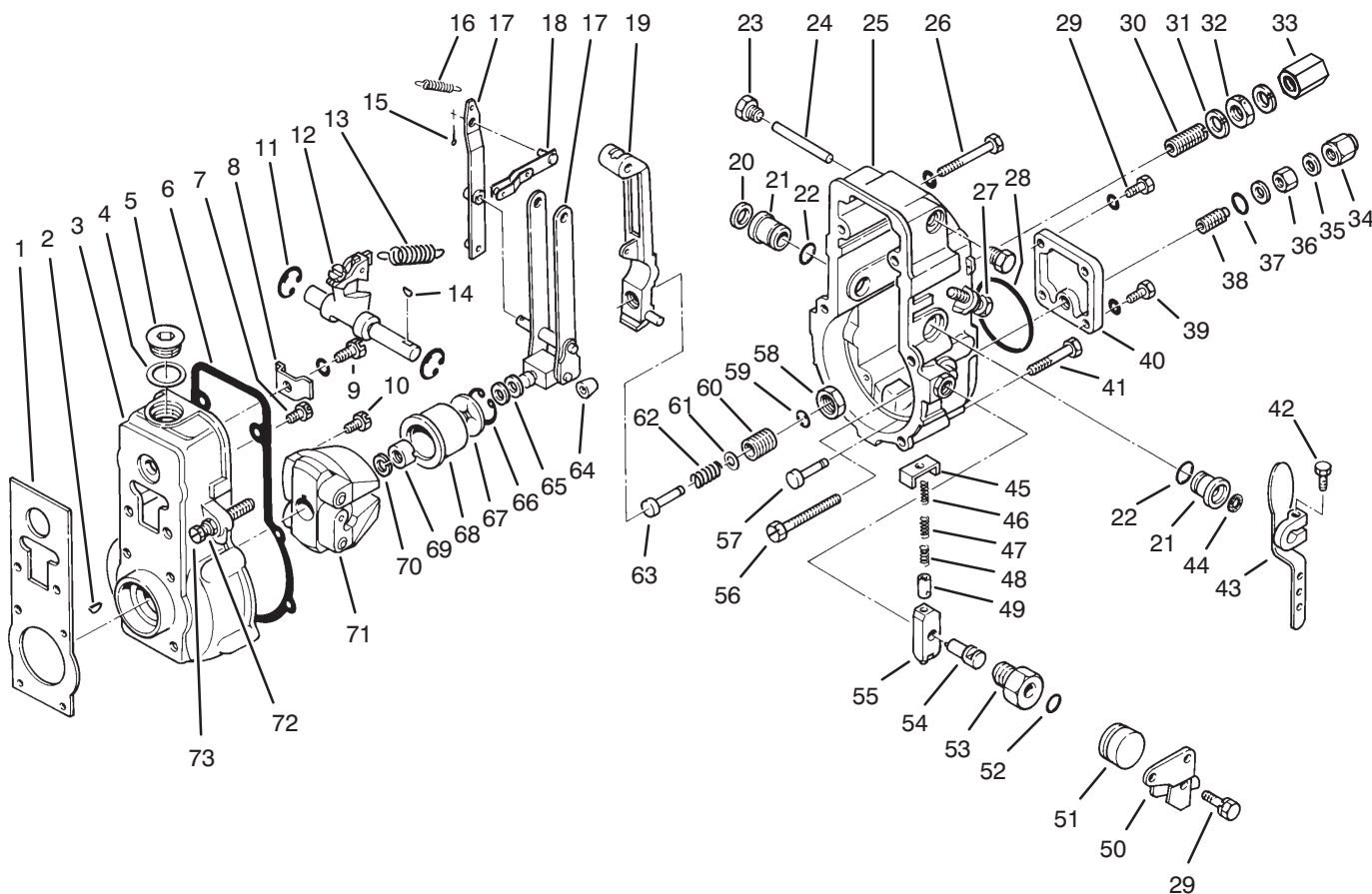
T-0594

FUEL INJECTION PUMP ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
25	70-3910	Washer	2	39	70-6940	Screw	1
26	70-6900	O-Ring	1	†40	70-3870	Washer	2
27	70-6720	Stud	3	41	70-3490	Cover	1
28	70-3940	Plate	2	42	70-3850	Screw	1
29	70-6880	Key	1	43	70-4940	Housing Assembly (Incl. Ref. #27)	1
30	70-3680	Camshaft	1	44	70-3550	Element Assembly	4
31	70-3830	Gasket	1	45	70-3540	Valve Assembly	4
32	70-6540	Bolt	4	46	70-3530	Gasket	4
33	70-6780	Nut	1	47	70-6910	O-Ring	4
34	70-6680	Washer	1	48	70-3520	Spring	4
35	70-3820	Cover	1	49	70-3510	Stopper	4
36	70-6840	Bearing	1	50	70-3500	Holder	4
37	70-3780	Plate - 0.1	A/R	*	70-3920	Cover Assembly (Incl. Ref. #5, 9-10 & 28)	1
*	70-3790	Plate - 0.15	A/R				
*	70-3800	Plate - 0.3	A/R				
*	70-3810	Plate - 0.5	A/R	*	70-3630	Tappet Assembly (Incl. Ref. #18-21 & 23)	1
38	70-3700	Ring	1				

*Not Illustrated

†Included in Gasket Set No. 70-6950

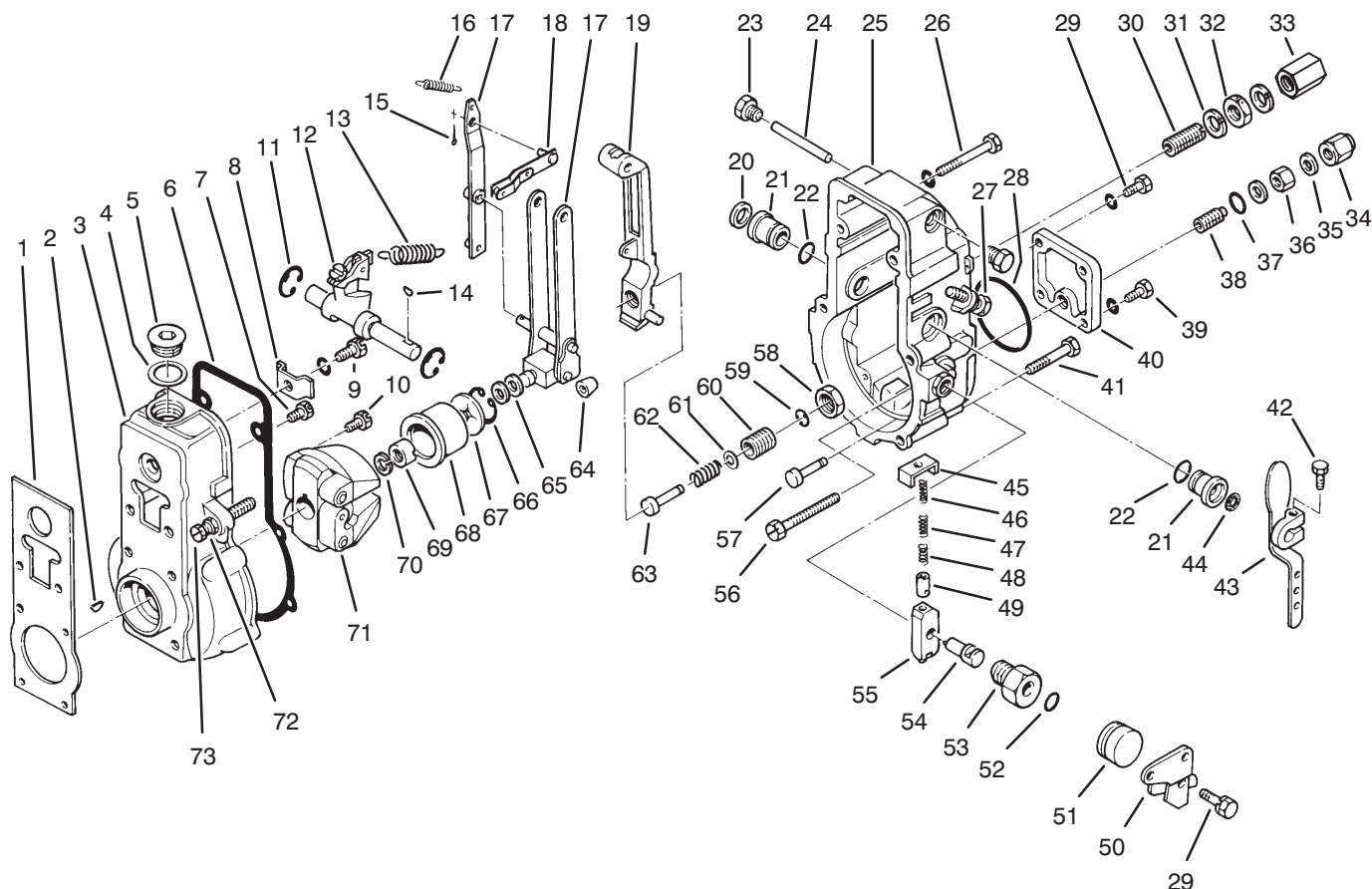


T-0595

GOVERNOR ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	70-4160	Gasket	1
2	70-6870	Key	1
3	70-4130	Housing	1
4	70-6710	Washer	1
5	70-4590	Plug	1
6	70-4150	Gasket	1
7	70-6530	Bolt	5
8	70-4210	Plate	1
9	70-6550	Bolt	1
10	70-6520	Bolt	1
11	70-6810	E-Ring	2
12	70-4220	Swiveling Lever Assembly	1
13	70-4370	Spring	1
14	70-6860	Key	1
15	70-6480	Pin	1
16	70-4380	Spring	1
17	70-4320	Lever Assembly	1
18	70-4340	Shackle Assembly	1
19	70-4250	Tension Lever Assembly	1
20	70-4580	Cap	1
21	70-4230	Bushing	2
22	70-6510	O-Ring	2
23	70-4360	Plug	2
24	70-4350	Shaft	1
25	70-4400	Cover	1
26	70-6740	Bolt	2

Ref. No.	Part No.	Description	No. Used
27	70-4140	Stopper	1
28	70-6790	Packing	1
29	70-6520	Bolt & Washer	3
30	70-4120	Capsule	1
31	70-3890	Washer	2
32	70-4310	Nut	1
33	70-4440	Nut	1
34	70-4450	Nut	1
35	70-6690	Washer	2
36	70-6770	Nut	1
37	70-6500	O-Ring	1
38	70-4330	Bushing	1
39	70-6760	Bolt & Washer	2
40	70-4550	Plate	1
41	70-6750	Bolt	4
42	70-6730	Bolt	1
43	70-4560	Adjusting Lever Assembly	1
44	70-6920	Seal	1
45	70-4460	Plate	1
46	70-4500	Spring	1
47	70-4520	Spring	1
48	70-4510	Spring	1
49	70-4490	Cup	1
50	70-4570	Stop Lever Assembly	1
51	70-4530	Cover	1
52	70-6890	O-Ring	1

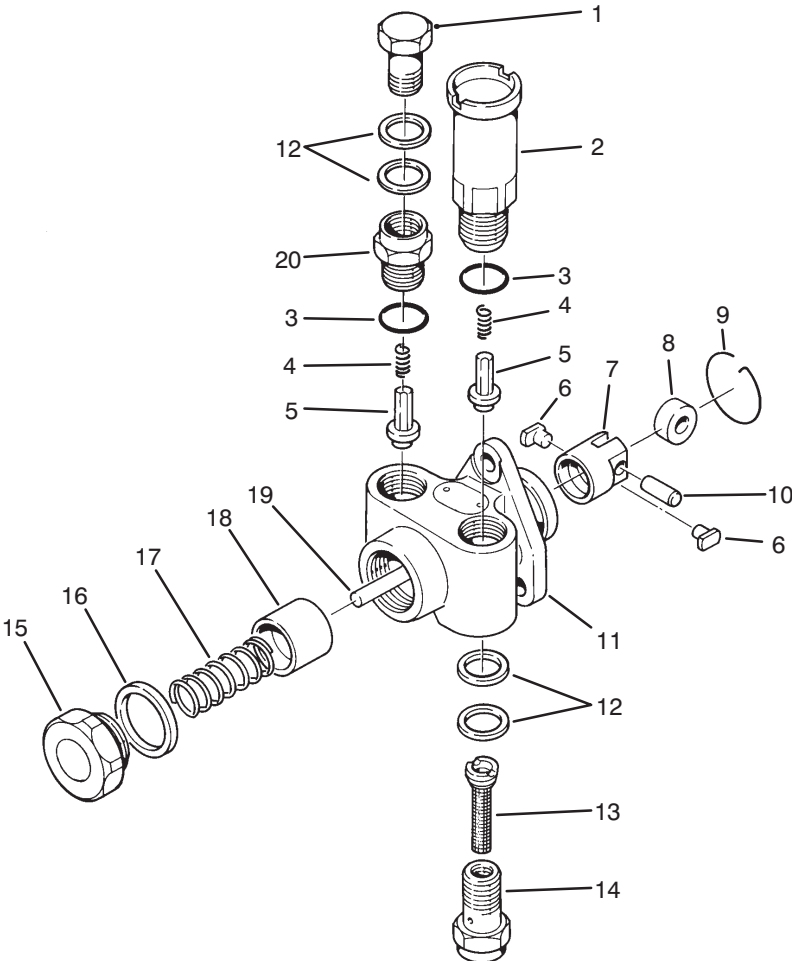


T-0595

GOVERNOR ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
53	70-4420	Bushing	1	65	70-6610	Washer - 0.2	A/R
54	70-4480	Shaft	1	*	70-6620	Washer - 0.3	A/R
55	70-4470	Lever	1	*	70-6630	Washer - 0.4	A/R
56	70-4390	Screw	1	*	70-6640	Washer - 0.1	A/R
57	70-4410	Pin	1	*	70-6650	Washer - 1.0	A/R
58	70-4300	Nut	1	66	70-6490	Ring	1
59	70-4240	E-Ring	1	67	70-4200	Plate	1
60	70-4270	Screw	1	68	70-4190	Sleeve	1
61	70-6570	Washer - 0.1	A/R	69	70-4180	Nut	1
*	70-6600	Washer - 0.2	A/R	70	70-6670	Washer	1
*	70-6580	Washer - 0.25	A/R	71	70-4170	Flyweight Assembly	1
*	70-6590	Washer - 0.5	A/R	72	70-6560	Nut	2
*	70-6660	Washer - 1.0	A/R	73	70-4430	Screw	1
62	70-4280	Spring	1	*	70-4260	Adapter Assembly (Incl. Ref. #59-63)	1
63	70-4290	Adapter	1				
64	70-4540	Slider	1				

*Not Illustrated

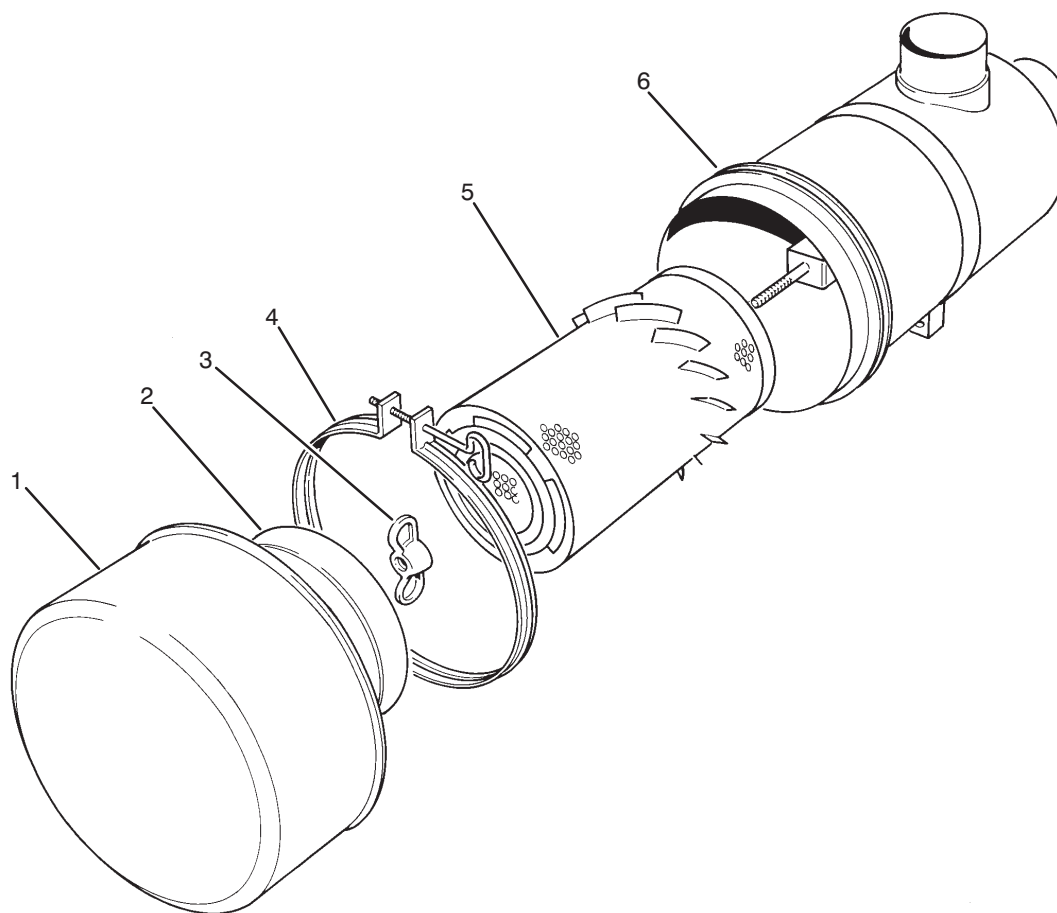


T-0596

FUEL FEED PUMP ASSEMBLY NO. 70-5700

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	70-6940	Screw	1	14	70-4800	Screw	1
2	70-4650	Pump Assembly	1	15	70-4780	Plug	1
3	70-4630	Gasket	2	16	70-6700	Washer	1
4	70-4620	Spring	2	17	70-4770	Spring	1
5	70-4610	Valve	2	18	70-4720	Piston	1
6	70-4760	Block	2	19	70-4660	Rod, Blue Small Dia.	A/R
7	70-4730	Tappet	1	*	70-4670	Rod, Red Small Dia.	A/R
8	70-4740	Roller	1	*	70-4680	Rod, Yellow Small Dia.	A/R
9	70-6820	Ring	1	*	70-4690	Rod, Green Small Dia.	A/R
10	70-4750	Pin	1	*	70-4700	Rod, White Small Dia.	A/R
11	70-4600	Housing Assembly	1	*	70-4710	Rod, Brown Big Dia.	A/R
†12	70-3870	Washer	4	20	70-4640	Support	1
13	70-4790	Filter	1				

*Not Illustrated
†Included in Gasket Set No. 70-6950



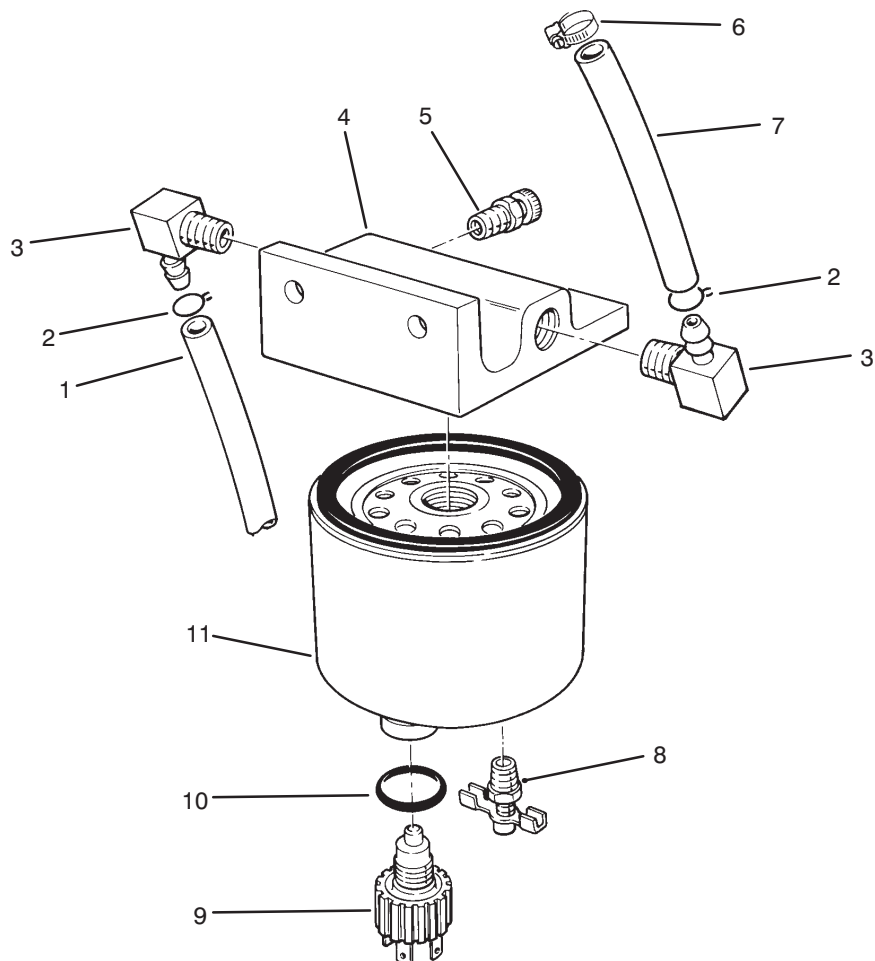
T-0387

AIR CLEANER ASSEMBLY NO. 69-1890

Ref. No.	Part No.	Description	No. Used
1	69-1930	Cup Assembly	1
2	69-1920	Baffle	1
3	27-7120	Nut	1
4	69-1910	Clamp Assembly	1

Ref. No.	Part No.	Description	No. Used
5	69-1900	Element Assembly	1
†6		Housing	1
*	27-7220	Detergent - Element	1

*Not Illustrated
†Not Serviceable



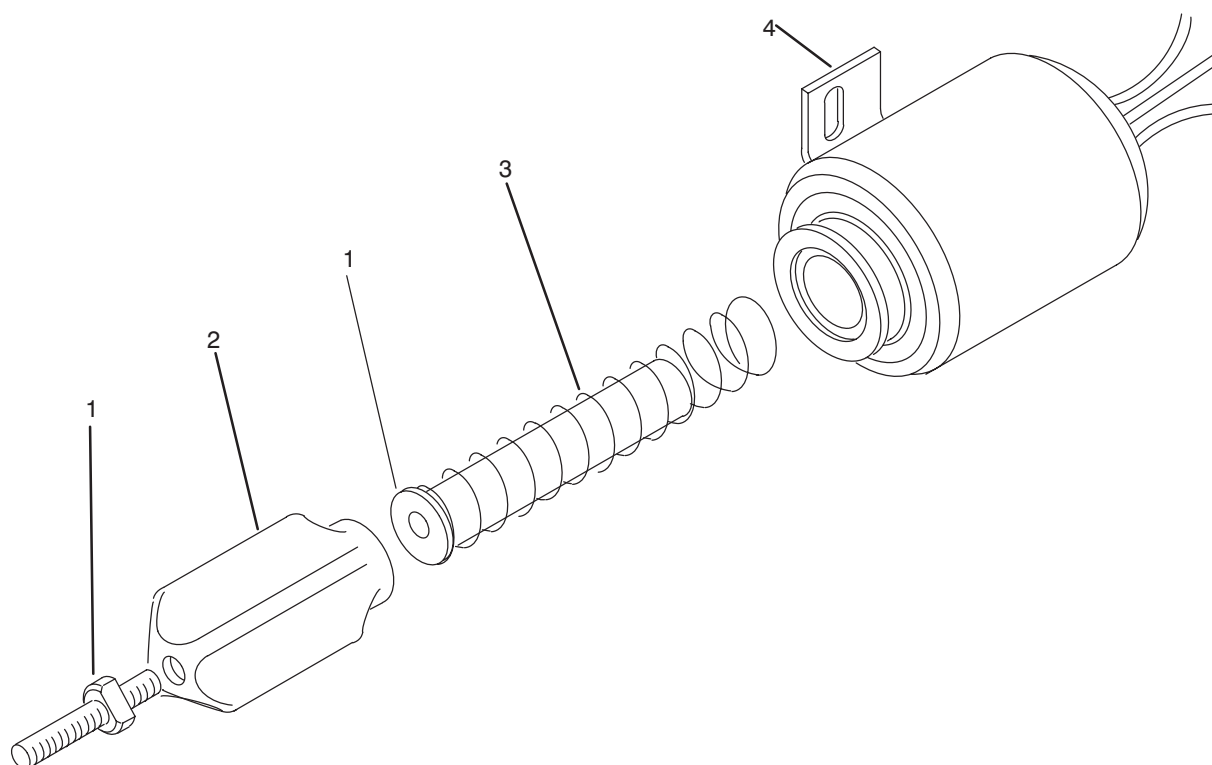
T-0376

FUEL FILTER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	37-9560	Hose - Fuel	1
2	2412-6	Clamp - Hose	2
3	353-781	Fitting - Fuel Elbow	2
4	63-8280	Head - Fuel Filter (Incl. Ref. #5)	1
5	63-8290	Vent - Air	1
6	2412-108	Clamp - Hose	1
7	71-2690	Hose - Fuel	1

Ref. No.	Part No.	Description	No. Used
8	63-8310	Valve - Drain	1
9	69-1760	Sensor - Water	1
10	237-154	Seal - O-Ring	1
11	69-1770	Element - Spin-On (Incl. Ref. #6)	1
*	69-1750	Fuel Filter Assembly (Incl. Ref. #4, 5 & 8-11)	1

*Not Illustrated



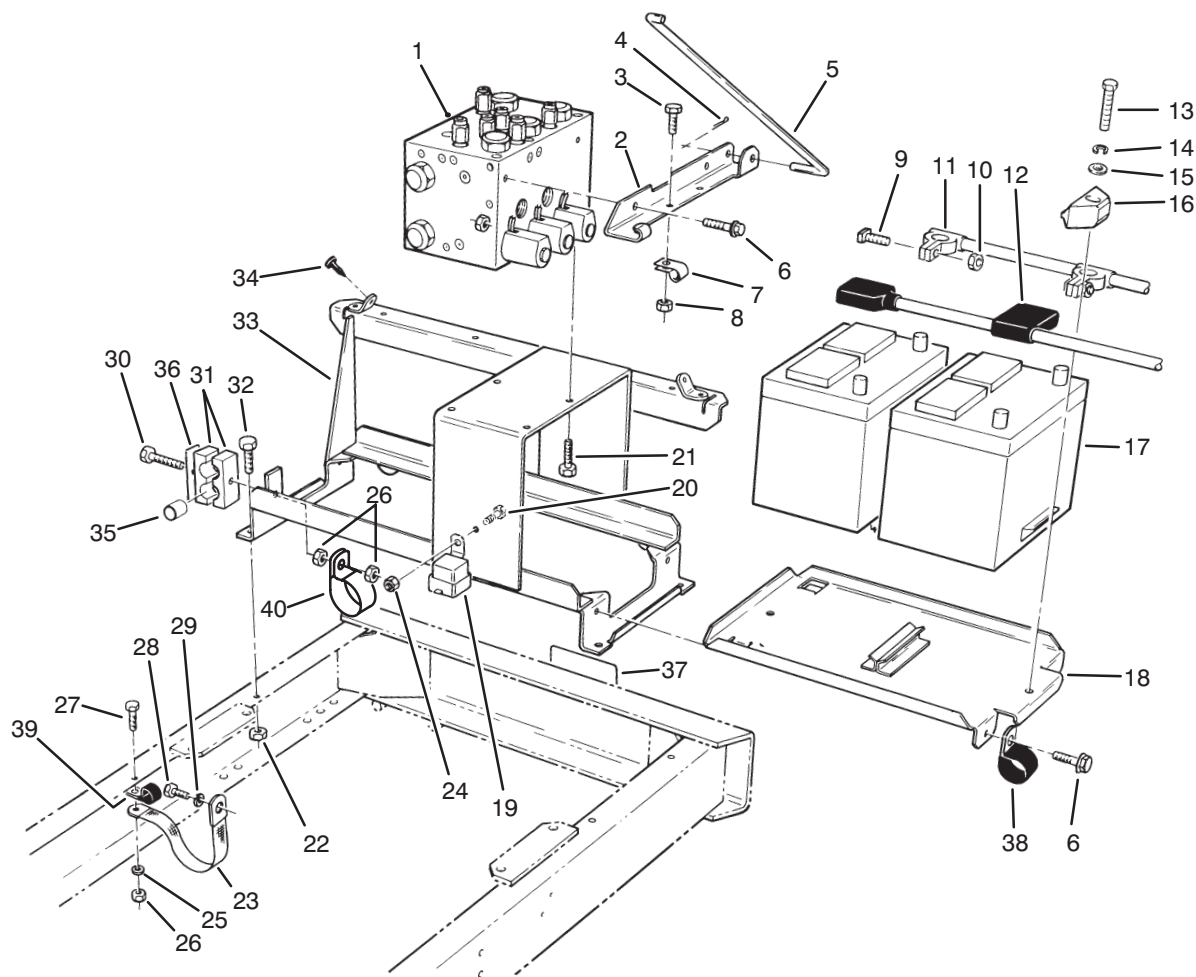
T-1758

SOLENOID VALVE NO. 85-6230

Ref. No.	Part No.	Description	No. Used
1	85-6300	Assembly - Plunger	1
2	85-6290	Boot - Rubber	1
3	85-6280	Spring - Return	1

Ref. No.	Part No.	Description	No. Used
4 *	85-6230	Body - Solenoid Assembly - Solenoid Valve (Incl. Ref. #1-4)	1 1

*Not Illustrated



T-0346B

BATTERY FRAME ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	69-4150	PTO Manifold Assembly	1
2	69-9350	Bracket - Hood Prop Rod	1
3	321-3	Screw - Cap Hex. Hd.	3
4	3272-6	Pin - Cotter	1
5	69-9120	Rod - Hood Prop	1
6	3234-17	Screw - Hex. Flange Hd.	4
7	2412-73	Clamp - R	3
8	32149-2	Nut - Keps	3
†9		Bolt - Clamp	4
†10		Nut - Clamp	4
11	80-0130	Cable - Negative	1
12	92-4997	Cable - Positive	1
13	323-9	Screw - Cap Hex. Hd.	2
14	3253-21	Washer - Lock	2
15	3256-24	Washer - Flat	2
16	66-2490	Hold-Down - Battery	2
‡17		Battery (Type 24, LTV)	2
18	80-0160	Tray - Battery	1
19	63-7590	Relay	1
20	3290-321	Screw - Cap Hex. Hd.	1

Ref. No.	Part No.	Description	No. Used
21	323-4	Screw - Cap Hex. Hd.	4
22	32152-2	Nut - Lock	4
23	18-2770	Strap - Ground	1
24	3296-2	Nut - Flange Lock	1
25	3254-2	Washer - Lock	1
26	32152-1	Nut - Lock	3
27	322-5	Screw - Cap Hex Hd.	1
28	69-0060	Screw - Cap Hex. Hd.	1
29	48-8070	Washer - Lock	1
30	322-11	Screw - Cap Hex. Hd.	1
31	56-7974	Clamp - Hydraulic Lines	2
32	323-6	Screw - Cap Hex. Hd.	4
33	69-8290	Frame - Battery	1
34	237-37	Bumper - Rubber	4
35	23-7250	Spacer	1
36	69-9761	Plate - Clamp	1
37	72-4080	Decal - Danger	1
38	2412-41	Clamp	2
39	2412-39	Clamp	1
40	2412-104	Clamp-R	1

†Not serviceable separately.

‡Obtain Locally

T-0364B

PTO MANIFOLD ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	69-5590	Hose - Hydraulic	2	25	92-3071	Spool - Solenoid Valve (Incl. Ref. # 24, 26-28)	3
†2		Seal - O-Ring	6	†26		Seal - O-Ring	3
†4		Seal - O-Ring	6	†27		Seal - Washer	6
5	69-4170	Valve - Cartridge (600 lbs) (Incl. Ref. #2-4)	3	†28		Seal - O-Ring	6
6	353-989	Plug (Incl. Ref. #7)	1	†29		Manifold - PTO	1
7	237-42	Seal - O-Ring	1	30	237-156	Seal - O-Ring	30
8	69-4180	Valve - Cartridge (3000 lbs) (Incl. Ref. #2-4)	3	31	353-991	Plug (Incl. Ref. #30)	30
9	69-5600	Hose - Hydraulic	1	32	237-79	Seal - O-Ring	4
10	237-58	Seal - O-Ring	8	33	237-78	Seal - O-Ring	1
11	69-6160	Tube - Hydraulic	1	34	353-990	Plug (Incl. Ref. #33)	1
12	340-65	Seal - O-Ring	2	†35		Seal - O-Ring	6
13	340-129	Fitting - Hydraulic Elbow (Incl. Ref. #12 & 14)	1	†36		Seal - O-Ring	6
14	237-146	Seal - O-Ring	1	†37		Seal - O-Ring	6
15	340-142	Fitting - Hydraulic Elbow (Incl. Ref. #10 & 16)	1	38	69-4200	Valve - Cartridge (75 lbs) (Incl. Ref. #35-37)	3
17	69-5610	Hose - Hydraulic	1	39	353-988	Plug (Incl. Ref. #32)	4
18	340-9	Fitting - Hydraulic Straight (Incl. Ref. #10 & 19)	7	40	69-4190	Valve - Cartridge (20 lbs) (Incl. Ref. #35-37)	3
19	237-81	Seal - O-Ring	8	41	237-78	Seal - O-Ring	2
20	69-6180	Tube - Hydraulic	1	42	353-431	Fitting - Hydraulic 45° (Incl. Ref. #41 & 43)	2
21	69-6170	Tube - Hydraulic	1	44	93-7423	Hose - Diagnostic	2
23	88-9190	Solenoid Coil Assembly	3	45	69-6140	Tube - Hydraulic	1
24	3219-10	Nut - Jam	3	46	69-6150	Tube - Hydraulic	1

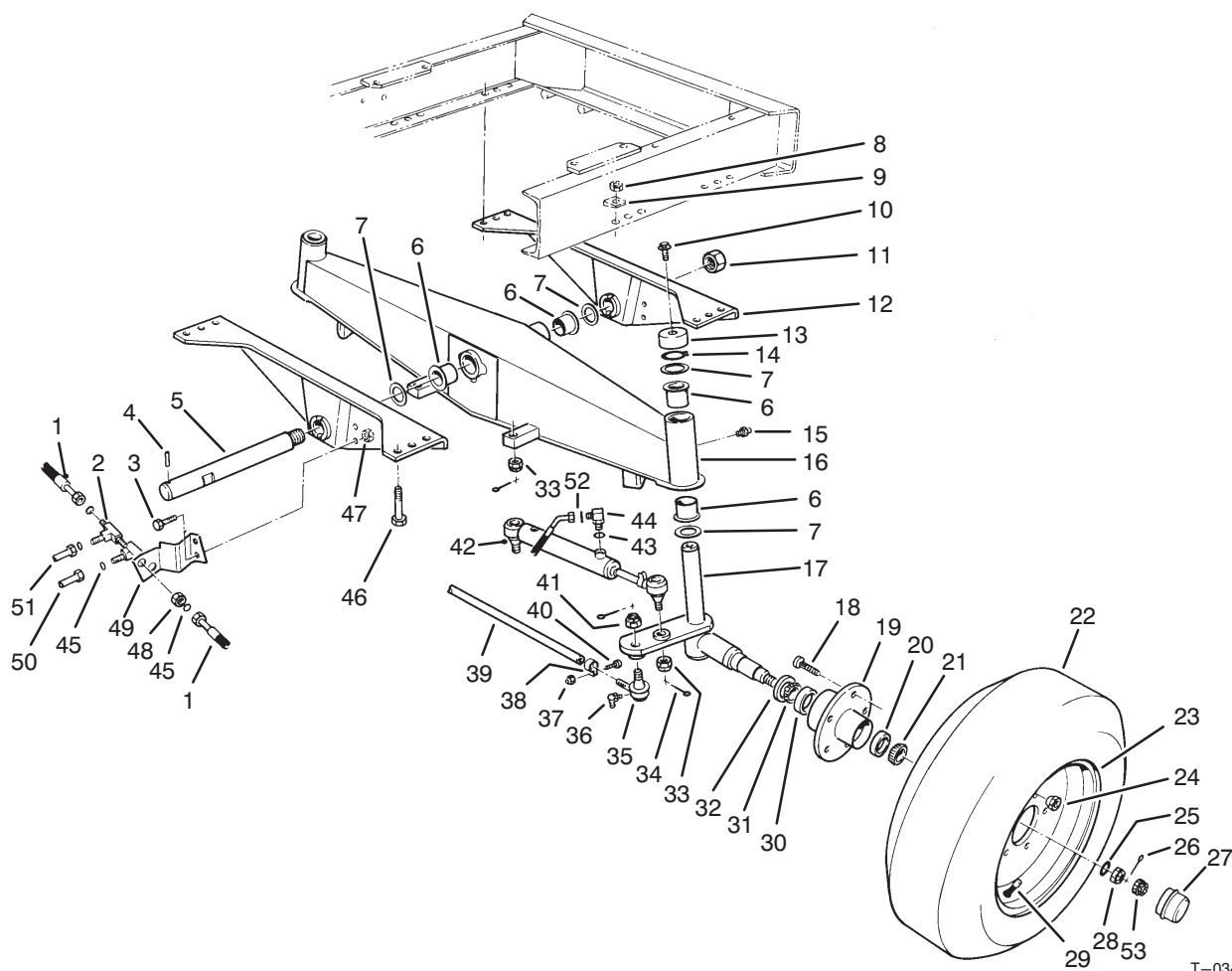
†Not serviceable separately.

PTO MANIFOLD ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
47	69-4220	Plug – Orifice	1
*	69-4230	Cartridge Valve Seal Kit (Incl. Ref. #2 & 4)	6
*	69-4270	Cartridge Valve Seal Kit (Incl. Ref. #35-37)	6

Ref. No.	Part No.	Description	No. Used
*	69-4260	Solenoid Valve Seal Kit (Incl. Ref. #26-28)	3
*	69-4150	PTO Manifold Assembly (Incl. Ref. #2, 4-8, 22-40 & 47)	1

*Not Illustrated

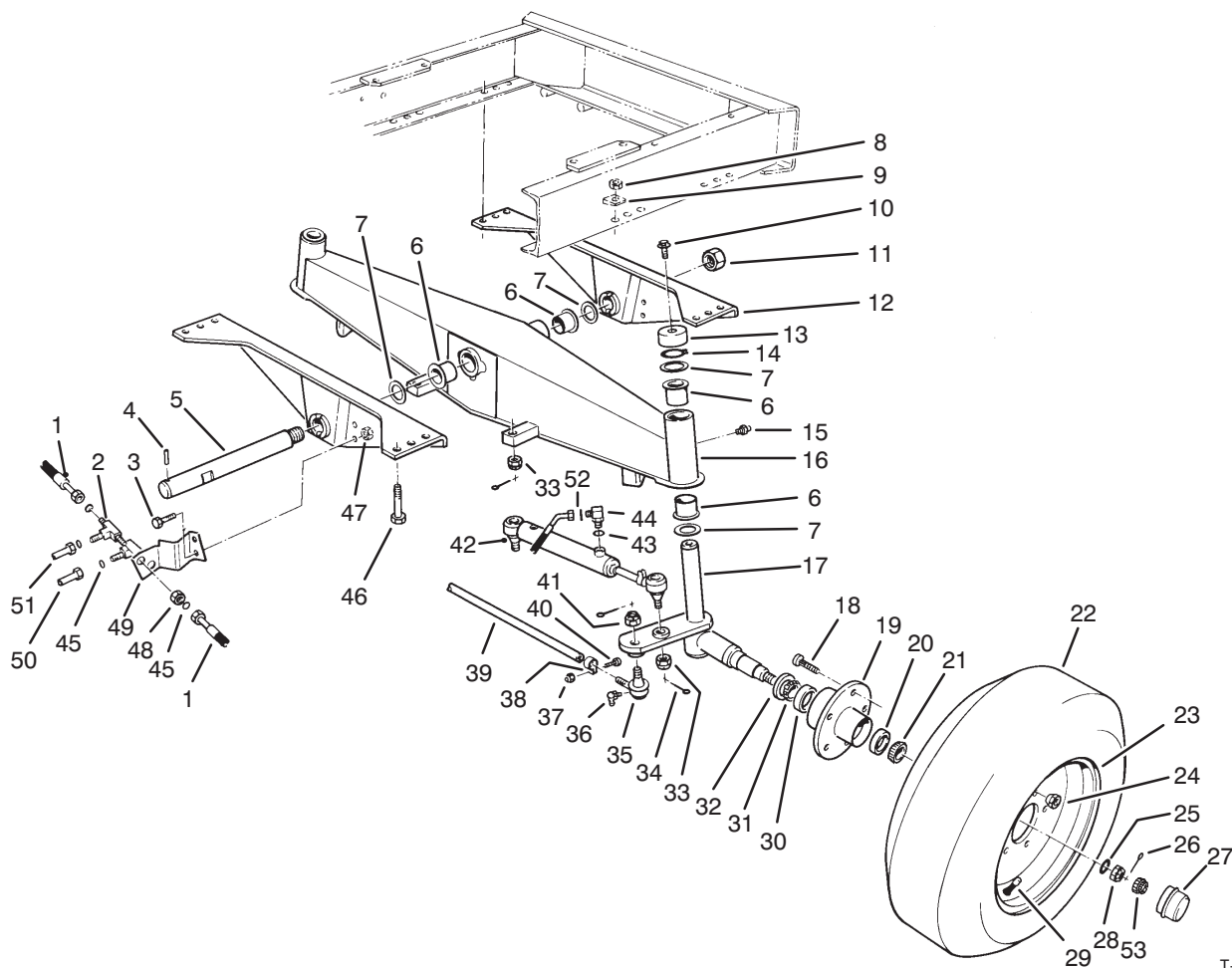


REAR AXLE ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	69-5510	Hose - Hydraulic	4	24	23-7270	Nut - Lug	10
2	340-68	Fitting - Hydraulic Bulkhead Tee (Incl. Ref. #45)	2	25	93-0309	Washer	2
3	323-6	Screw - Cap Hex. Hd.	2	26	3272-13	Pin - Cotter	2
4	32121-110	Pin - Roll	1	27	69-2970	Cap - Hub	2
5	71-2590	Shaft - Pivot	1	28	3220-7	Nut - Jam	2
6	69-6470	Bushing - Flange	6	29	232-27	Stem - Valve	2
7	256-304	Washer - Thrust	6	30	254-107	Cup - Bearing Inner	2
8	32128-23	Nut - Lock	12	31	254-106	Cone - Bearing Inner	2
9	3290-216	Washer - Bevel	12	32	69-2980	Seal - Inner	2
10	3234-12	Screw - Hex. Flange Hd.	2	33	32136-13	Nut - Castle	4
11	3296-68	Nut - Lock	1	34	3272-12	Pin - Cotter	6
12	69-7960	Support - Axle	2	35	2116-4	Joint - Ball R.H.	1
13	69-8890	Cap - Spindle	2	*	2116-3	Joint - Ball L.H.	1
14	32151-10	Ring - Retaining	2	36	302-33	Fitting - Grease	2
15	302-5	Fitting - Grease	3	†37		Nut - Lock	2
16	69-7420	Axle - Rear	1	38	2412-7	Clamp Assembly (Incl. Ref. #37 & 40)	2
17	93-0311	Spindle - Wheel L.H.	1	39	3-3710	Tie Rod Assembly (Incl. Ref. #35-41)	1
*	93-0310	Spindle - Wheel R.H.	1	†40		Screw - Cap Hex. Hd.	2
18	69-2990	Screw - Drive	10	41	32136-2	Nut - Castle	2
19	69-2960	Hub - Rear Wheel (Incl. Ref. #18, 20 & 30)	2	42	69-1960	Hydraulic Cylinder Assembly	2
20	254-72	Cup - Bearing Outer	2	43	237-78	Seal - O-Ring	4
21	254-92	Cone - Bearing Outer	2	44	340-132	Fitting - Hydraulic Elbow (Incl. Ref. #43 & 52)	4
22	69-9880	Tire	2	45	237-22	Seal - O-Ring	6
23	217-116	Rim	2	46	325-6	Screw - Cap Hex. Hd.	12

*Not Illustrated

†Not serviceable separately.

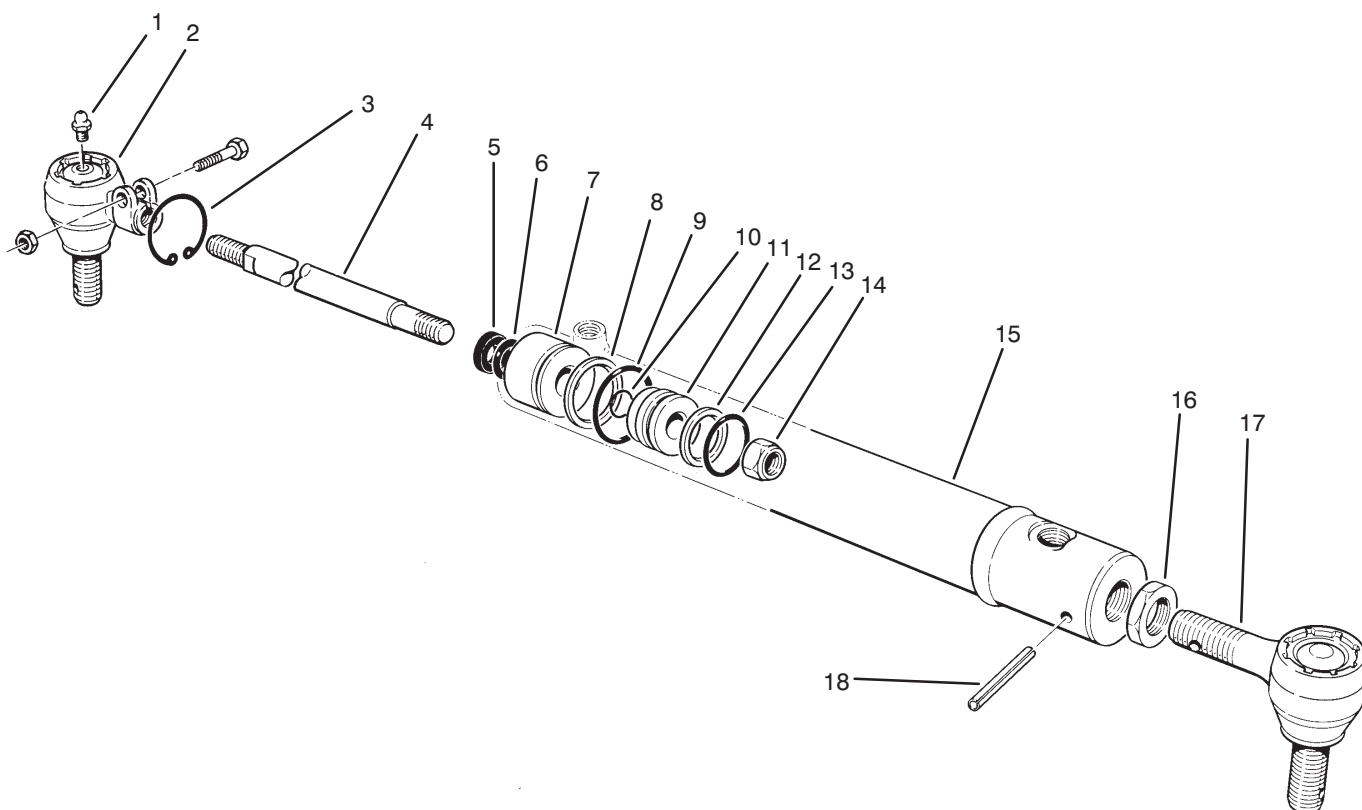


T-0345

REAR AXLE ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
47	32152-2	Nut – Lock	2
48	340-70	Nut – Bulkhead	2
49	69-9400	Bracket – Hose Support	1
50	69-6010	Tube – Hydraulic	1

Ref. No.	Part No.	Description	No. Used
51	69-6020	Tube - Hydraulic	1
52	237-21	Seal - O-Ring	4
53	93-0307	Nut - Retainer	2



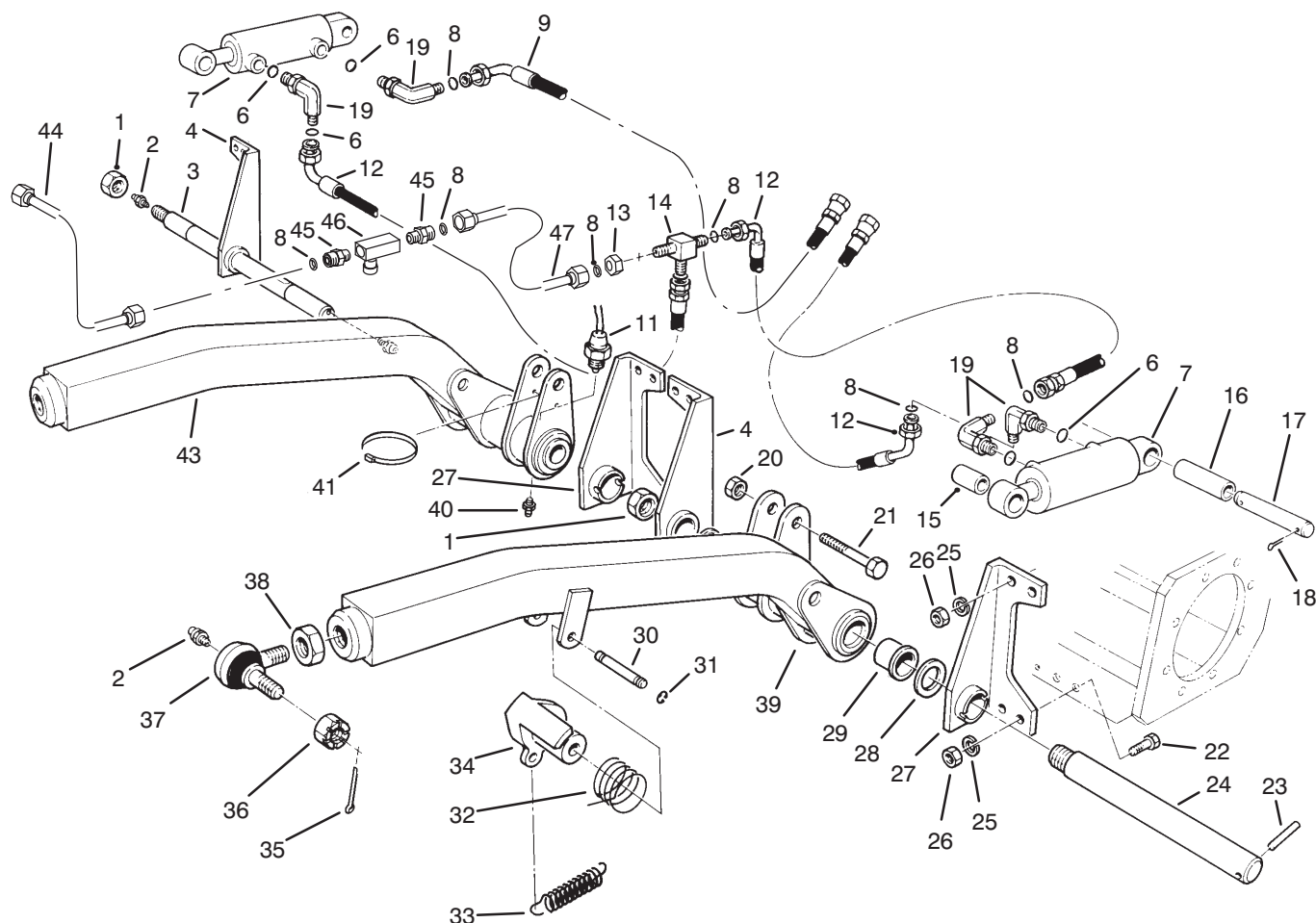
T-0378

HYDRAULIC CYLINDER ASSEMBLY NO. 69-1960

Ref. No.	Part No.	Description	No. Used
1	302-5	Fitting - Grease	1
2	69-9810	Joint - Ball	1
3		Ring - Retaining	1
4	69-2020	Rod - Piston	1
5		Wiper - Rod	1
6		Seal - U-Cup	1
7	69-2030	Ring - Head	1
8		Ring - Back-Up	1
9		Seal - O-Ring	1
10		Seal - O-Ring	1
11	69-2000	Piston	1

Ref. No.	Part No.	Description	No. Used
12		Ring - Piston	1
13		Seal - O-Ring	1
14	69-1990	Nut - Lock	1
15		Barrel - Cylinder	1
16	69-1980	Nut - Jam	1
17	69-1970	Joint - Ball	1
18	32121-34	Pin - Roll	1
*	92-1792	Repair Kit (Incl. Ref. #3, 5, 6, 8-10 & 12-13)	1
*	69-1960	Steering Cylinder (Complete) (Incl. Ref. #3-18)	2

*Not Illustrated

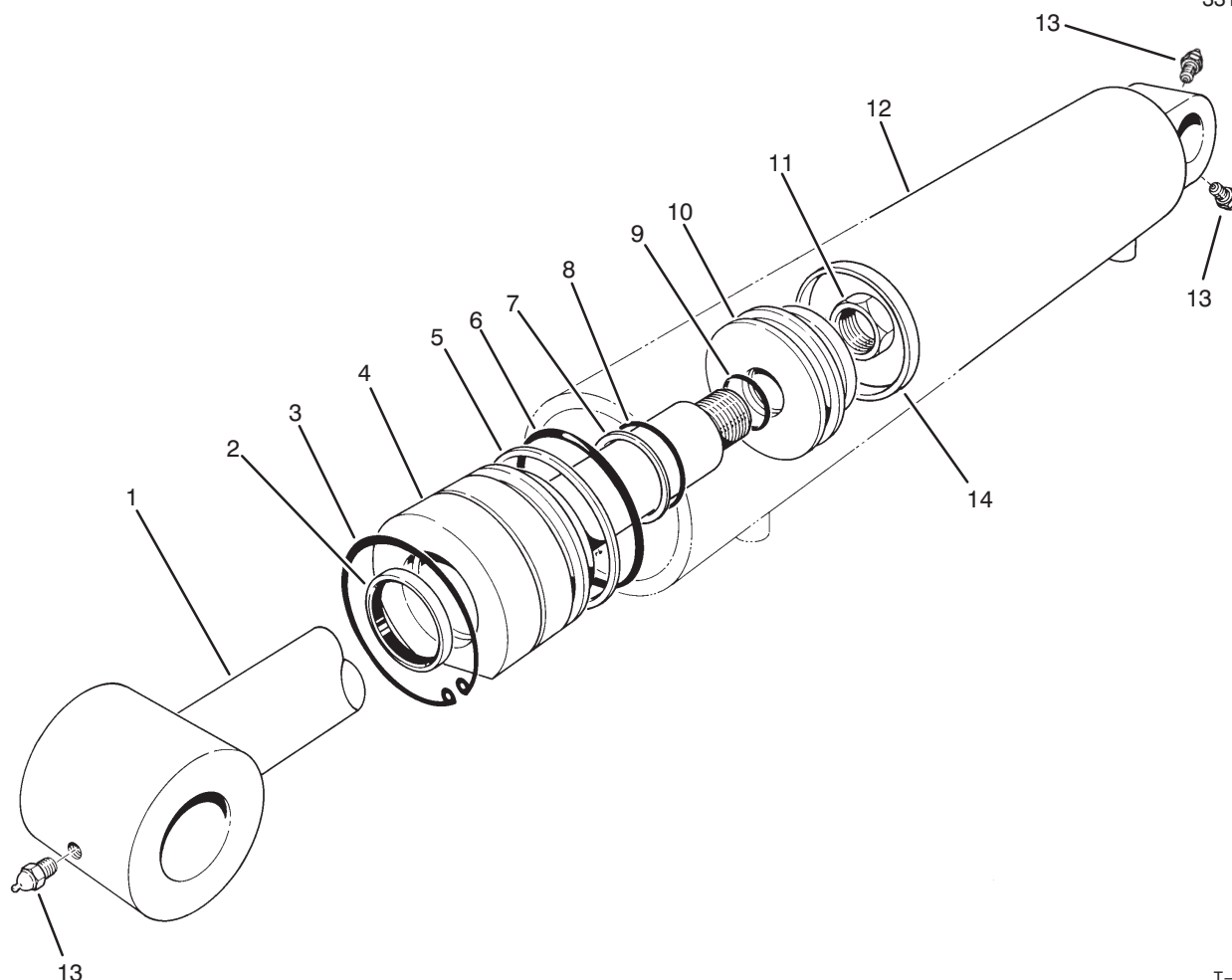


T-0344A

FRONT LIFT ARM ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3296-68	Nut - Lock	2
2	302-2	Fitting - Grease	4
3	71-2570	Shaft - Pivot	1
4	69-7940	Support - Lift Arm R.H.	2
6	237-42	Seal - O-Ring	4
7	92-4971	Hydraulic Cylinder Assembly	2
8	237-22	Seal - O-Ring	9
9	69-8440	Hose - Hydraulic	1
11	72-4310	Switch - Ball	1
12	69-5440	Hose - Hydraulic	3
13	340-70	Nut - Bulkhead	1
14	340-68	Fitting - Hydraulic Bulk. Tee (Incl. Ref. #8)	1
15	69-9190	Tube - Cylinder Bushing	2
16	20-4360	Tube - Spacer	2
17	69-9180	Pin - Cylinder	2
18	3272-23	Pin - Cotter	4
19	340-77	Fitting - Hydraulic Elbow (Incl. Ref. #6 & 8)	4
20	32153-6	Nut - Lock	2
21	328-10	Screw - Cap Hex. Hd.	2
22	325-6	Screw - Cap Hex. Hd.	12
23	32121-110	Pin - Roll	2
24	71-2590	Shaft - Pivot	1
25	3253-7	Washer - Lock	16

Ref. No.	Part No.	Description	No. Used
26	3217-9	Nut - Hex.	16
27	69-7920	Support - Lift Arm L.H.	2
28	256-304	Washer - Thrust	2
29	69-6470	Bushing - Flange	4
30	92-4806	Pin - Latch	1
31	32120-47	Ring - Retaining	2
32	69-8470	Spring - Torsion	1
33	76-1670	Spring - Extension	1
34	69-1540	Pivot - Spring	1
35	3272-12	Pin - Cotter	2
36	32136-2	Nut - Slotted	2
37	86-8100	Joint - Ball (Incl. Ref. #2 & 36)	2
38	21-3000	Nut - Jam	2
39	69-9580	Front Lift Arm Assy. L.H. (Incl. Ref. #29 & 40)	1
40	302-5	Fitting - Grease	2
41	3290-378	Tie - Cable	1
43	69-9570	Front Lift Arm Assy. R.H. (Incl. Ref. #29 & 40)	1
44	93-7426	Tube - Hydraulic	1
45	340-57	Fitting - Hydraulic Straight (Incl. Ref. #8)	2
46	93-1397	Valve - Flow Control	1
47	93-7427	Tube - Hydraulic	1



T-0380A

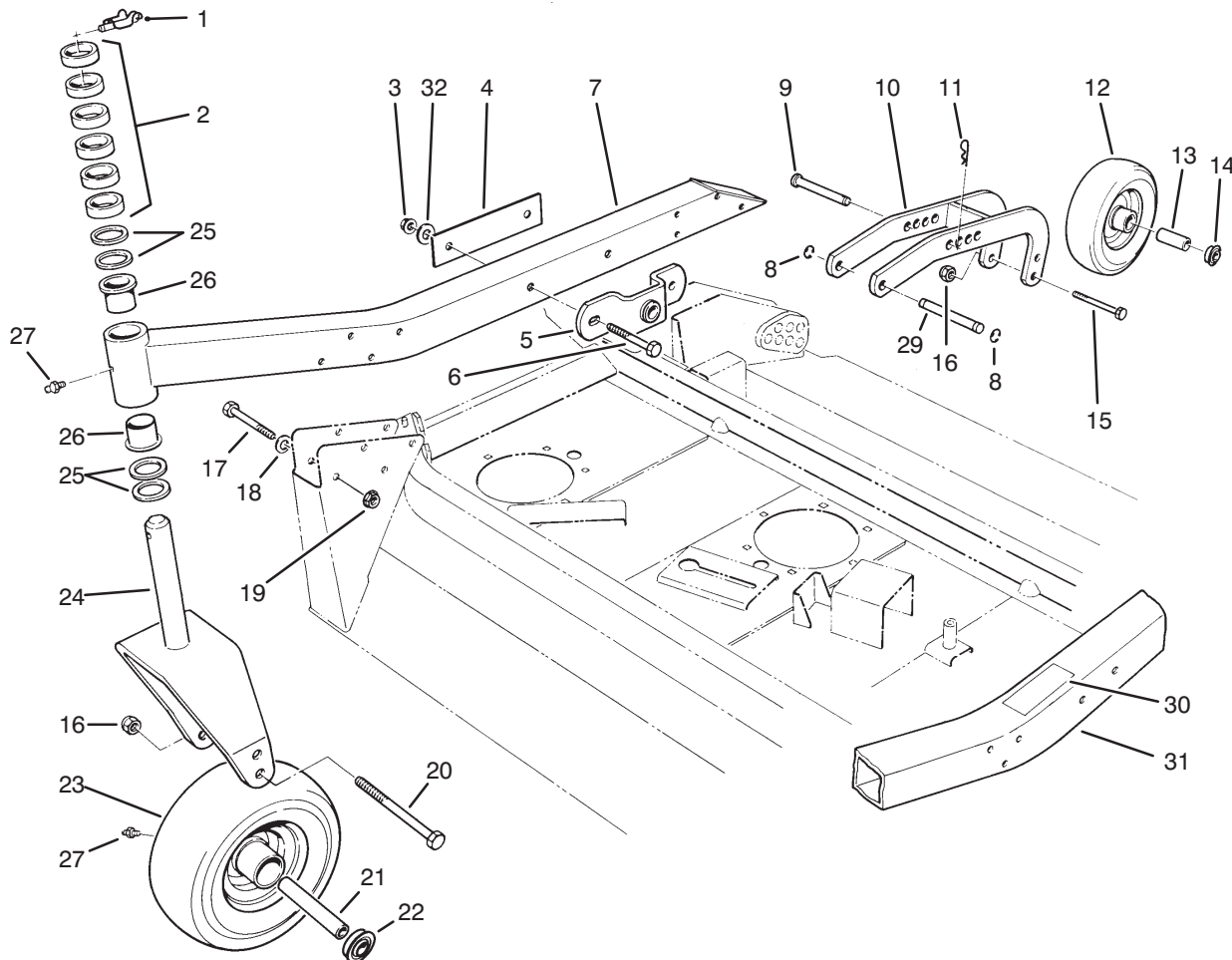
HYDRAULIC CYLINDER ASSEMBLY NO. 92-4971

Ref. No.	Part No.	Description	No. Used
1	69-2580	Shaft w/clevis	1
†2		Seal - Dust	1
3	61-4990	Ring - Retaining	1
4	69-2570	Head	1
†5		Ring - Back-Up	1
†6		Seal - O-Ring	1
†7		Ring - Back-Up	1
†8		Seal - O-Ring	1

Ref. No.	Part No.	Description	No. Used
†9		Uni-Ring	1
10	60-9770	Piston	1
11	60-9760	Nut - Lock	1
†12		Barrel	1
13	302-5	Fitting - Grease	3
14		Seal - Uni-Ring	1
*	86-7350	Seal Repair Kit (Incl. Ref. #2 & 5-9)	1

*Not Illustrated

†Not serviceable separately.



T-0362B

CENTER DECK MODEL NO. 30592 CARRIER FRAME ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	3290-384	Pin - Lynch	2	17	323-15	Screw - Cap Hex. Hd.	16
2	69-1510	Spacer - Caster	12	18	5-0838	Washer - Flat	16
3	32128-23	Nut - Flange Lock	4	19	32128-43	Nut - Lock	16
4	69-8790	Plate - Reinforcing	2	20	327-25	Screw - Cap Hex. Hd.	2
5	69-7290	Mount - Ball Joint	2	21	251-333	Spacer - Bearing	2
6	325-15	Screw - Cap Hex. Hd.	4	22	251-321	Bearing - Castor	4
7	69-8860	Arm - Castor R.H. (Incl. Ref. #26-27)	1	23	92-2362	Castor Wheel Assembly (Incl. Ref. #21-22, & 27)	2
8	32151-48	Ring - Retaining	4	24	69-6270	Fork - Castor	2
9	283-70	Pin - Hitch (Incl. Ref. #11)	2	25	69-6860	Washer - Castor	8
10	75-9790	Arm - Pivot	2	26	69-6470	Bushing - Flange	4
11	3290-343	Pin - Cotter Hair	2	27	302-5	Fitting - Grease	4
12	93-4240	10" Wheel - Pneumatic (Incl. Ref. #13-14)	2	29	69-9260	Pin - Clevis	2
13	93-4241	Spacer	2	30	69-0880	Decal - Torque	1
14	93-4237	Bearing	4	31	13-5069	Arm - Castor L.H. (Incl. Ref. #26-27, & 30)	1
15	327-24	Screw Cap Hex. Hd.	2	32	30-8770	Washer - Flat	4
16	3296-53	Nut - Lock	4				

T-0361E

CENTER DECK MODEL NO. 30592

Ref. No.	Part No.	Description	No. Used
1	76-2760	Hydraulic Hose Assembly	1
2	76-2750	Hydraulic Hose Assembly	1
3	237-58	Seal - O-Ring	2
4	340-142	Fitting - Hydraulic Elbow (Incl. Ref #3 & 5)	2
5	237-81	Seal - O-Ring	2
6	76-2770	Hydraulic Hose Assembly	1
7	237-22	Seal - O-Ring	1
8	69-4320	Fitting - Hydraulic 90° (Incl. Ref. #7 & 9)	1
9	237-42	Seal O-Ring	1
10	32128-21	Nut - Flange Lock	6
11	93-4363	Motor - Hydraulic	1
12	3231-28	Bolt - Carriage	2
13	19-1470	Bolt - Shoulder	4
14	69-6960	Spacer - Idler	4
15	63-1540	Pulley - Idler	3
16	325-7	Screw - Cap Hex. Hd.	1
17	69-9290	Pad - Bumper	2
18	32108-103	Screw - Flat Hd.	4
19	32128 -20	Nut - Lock	4
20	302-2	Fitting - Grease	1
21	32120-72	Ring - Retaining	1
22	256-188	Bushing - Sleeve	1
23	69-6610	Arm - Idler (Incl. Ref. #22)	1
24	325-8	Screw - Cap Hex. Hd.	1
25	69-5430	Pulley-Idler	1

Ref. No.	Part No.	Description	No. Used
26	69-6970	Spacer - Idler	1
27	32105-1	Screw - Machine	8
28	256-117	Bushing - Flange	4
29	3269-25	Rivet - Pop	8
30	69-6780	Cover - Center Left	1
31	69-6870	Plate - Magnet	4
32	69-6260	Magnet - Cover	4
33	302-5	Fitting - Grease	4
34	3296-2	Nut - Lock	8
35	32128-23	Nut - Flange Lock	4
36	76-1670	Spring - Extension	1
37	3217-9	Nut - Jam	2
38	69-6550	Arm - Tension	1
39	82-2560	Decal - Belt Routing	1
40	43-8480	Decal - Danger	1
41	13-4969	Deck - Center (Incl. Ref. #20, 28, 33, 39, 40 & 57)	1
42	3233-27	Bolt - Carriage	1
43	69-6490	Plate - Tension	1
44	77-2830	Rod - Spring	1
45	3272-7	Pin - Cotter	1
47	69-6890	Spacer - Spring	1
48	86-7480	Spring - Compression	1
49		Screw - Set	2
50	23-1640	Bushing - Taper Lock (Incl. Ref. #49)	1

CENTER DECK MODEL NO. 30592 (Continued)

Ref. No.	Part No.	Description	No. Used
51	63-0660	Pulley - Drive	1
52	69-6390	Plate - Gearbox	1
53	3234-12	Screw - Hex. Flange Hd.	4
54	69-6790	Cover - Center Right	1
56	71-4260	Decal - H.O.C.	1
57	69-0820	Decal - H.O.C.	1

Ref. No.	Part No.	Description	No. Used
58	3-6498	Washer - Flat	1
59	3233-30	Bolt - Carriage	1
60	66-1340	Decal - Danger	1
61	93-9324	Pivot - Idler	1
*	93-8457	Hex.-Belt - Deck Drive	1
*	3290-378	Tie - Cable	2

*Not Illustrated

T-0366A

CENTER DECK MODEL NO. 30592 LEFT WING ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3269-25	Rivet - Pop	4
2	3296-2	Nut - Lock	6
3	40-9520	Spacer - Split	2
4	40-0330	Cushion - Rubber	1
5	3250-27	Screw - Truss Hd.	2
6	323-6	Screw - Cap Hex. Hd.	3
7	69-6730	Skid	1
8	32128-23	Nut - Flange Lock	3
9	3233-9	Bolt - Carriage	3
10	32128-21	Nut - Flange Lock	6
11	32105-1	Screw - Machine	4
12	13-4989	Deck - Left Wing	
		(Incl. Ref. #23-25)	1
13	69-6640	Hinge - Left Front	1
14	69-6900	Shaft - Hinge	1
15	69-6260	Magnet - Cover	2
16	256-305	Washer - Thrust	2

Ref. No.	Part No.	Description	No. Used
17	69-6670	Hinge - Left Rear	1
18	32121-6	Pin - Roll	2
19	69-6910	Bracket - Support	1
20	3231-25	Bolt - Carriage	2
21	69-6870	Plate - Magnet	2
22	69-6850	Cover - Left Wing	1
23	66-1340	Decal - Danger	1
24	43-8480	Decal - Danger	1
25	67-5360	Decal - Danger	1
26	3256-69	Washer	2
27	82-4910	Roller	1
28	32121-4	Pin - Roll	2
29	88-9270	Bracket - Roller LH	1
30	5-0838	Washer - Flat	3
31	323-7	Screw - Cap Hex. Hd.	3
*	76-2060	V-Belt	1
*	42-6200	Shim - Cushion	A/R

*Not Illustrated

CENTER DECK MODEL NO. 30592 RIGHT WING ASSY.

Ref. No.	Part No.	Description	No. Used
1	3269-25	Rivet - Pop	4
2	69-6840	Cover - Right Wing	1
3	69-6870	Plate - Magnet	2
4	302-2	Fitting - Grease	1
5	32120-72	Ring - Retaining	1
6	256-188	Bushing - Sleeve	1
7	69-5430	Pulley - Idler	1
8	325-8	Screw - Cap Hex. Hd.	1
9	3231-25	Bolt - Carriage	2
10	3296-2	Nut - Lock	6
11	69-6910	Bracket - Support	1
12	40-9520	Spacer - Split	2
13	40-0330	Cushion - Rubber	1
14	3250-27	Screw - Truss Hd.	2
15	69-6260	Magnet - Cover	2
16	32105-1	Screw - Machine	4
17	69-6970	Spacer - Idler	1
18	13-4979	Right Wing Deck Assembly (Incl. Ref. #4, 32 & 33)	1
19	323-6	Screw - Cap Hex. Hd.	3
20	69-6900	Shaft - Hinge	1
21	32121-6	Pin - Roll	2
22	32128-21	Nut - Flange Lock	6

Ref. No.	Part No.	Description	No. Used
23	69-6710	Hinge - Right Rear	1
24	256-305	Washer - Thrust	2
25	76-1670	Spring - Extension	1
26	32128-23	Nut - Flange Lock	4
27	69-6610	Idler Arm Assembly (Incl. Ref. #6)	1
28	69-6690	Hinge - Right Front	1
29	69-6730	Skid	1
30	3233-9	Bolt - Carriage	3
31	67-5360	Decal - Danger	1
32	43-8480	Decal - Danger	1
33	66-1340	Decal - Danger	1
34	3-6498	Washer	1
35	3256-69	Washer	2
36	82-4910	Roller	1
37	32121-4	Pin - Roll	2
38	88-9260	Bracket - Roller RH	1
39	323-7	Screw - Cap Hex. Hd.	3
40	5-0838	Washer - Flat	3
41	93-9324	Pivot - Idler	1
*	76-2060	V-Belt	1
*	42-6200	Shim - Cushion	A/R

*Not Illustrated

T-0348B

WING DECK LIFT ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	322-11	Screw - Cap Hex. Hd.	1
2	56-7974	Clamp Half - Hydraulic Line	2
3	32152-1	Nut - Lock	5
4	32153-6	Nut - Lock	22
5	32152-2	Nut - Lock	6
6	69-6170	Tube - Hydraulic L.H. (Incl. Ref. #20)	1
*	69-6140	Tube - Hydraulic R.H. (Incl. Ref. # 20)	1
7	69-9450	Bracket - Wing Hose L.H.	1
*	69-9460	Bracket - Wing Hose R.H.	1
8	240-3	Grommet	4
9	69-9000	Spacer	4
10	69-9010	Washer	8
11	340-74	Nut - Bulkhead	4
12	323-6	Screw - Cap Hex. Hd.	4
13	69-9761	Plate - Cover	1
15	340-70	Nut - Bulkhead	10
16	69-8940	Washer	20
17	69-8970	Spacer	10
18	240-4	Grommet	10
19	237-22	Seal - O-Ring	14
20	237-65	Seal - O-Ring	4
21	69-5980	Tube - Hydraulic L.H. (Incl. Ref. #19)	1
*	69-5970	Tube - Hydraulic R.H. (Incl. Ref #19)	1

Ref. No.	Part No.	Description	No. Used
22	69-6180	Tube - Hydraulic L.H. (Incl. Ref. #20)	1
*	69-6150	Tube - Hydraulic R.H. (Incl. Ref. #20)	1
23	32152-4	Nut Lock	3
24	3272-33	Pin - Cotter	2
25	32108-103	Screw - Machine Flat Hd.	4
26	71-2580	Shaft - Lift Arm Pivot	2
27	32121-110	Pin - Roll	2
28	328-26	Screw - Cap Hex. Hd.	12
29	256-304	Washer - Thrust	4
30	69-6470	Bushing - Flange	4
31	302-2	Fitting - Grease	4
32	72-4310	Switch - Lift	2
33	92-8664	Lift Arm Assembly L.H. (Incl. Ref. #30-31)	1
*	92-8665	Lift Arm Assembly R.H. (Incl. Ref. #30-31)	1
34	69-9300	Cushion - Rubber	2
35	3296-68	Nut Lock	2
36	328-8	Screw - Cap Hex. Hd.	4
37	328-8	Screw - Cap Hex. Hd.	2
38	69-9190	Bushing - Cylinder	2
39	69-5490	Hose - Cylinder	4
40	3256-56	Washer - Flat	3
41	340-77	Fitting - Hydraulic Elbow (Incl. Ref. #19 & 42)	4

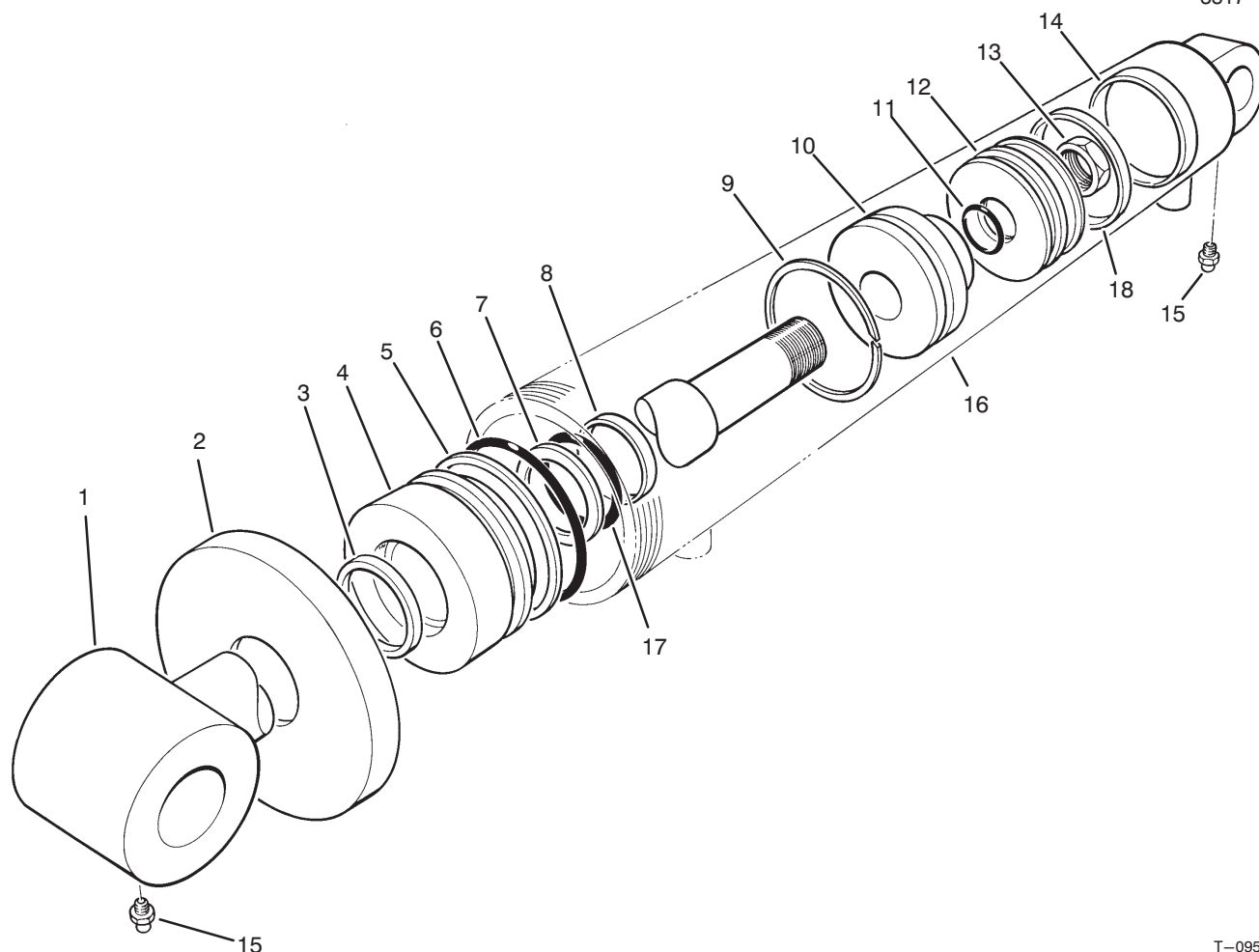
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WING DECK LIFT ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
42	237-42	Seal - O-Ring	4
43	74-2170	Cylinder - Lift	2
44	323-15	Screw - Cap Hex. Hd.	2
45	74-2680	Bracket - Bulkhead	1
46	69-6030	Tube - Hydraulic (Incl. Ref. #19)	1
47	69-6060	Tube - Hydraulic (Incl. Ref. #19)	1
48	69-6070	Tube - Hydraulic (Incl. Ref. #19)	1
49	69-6000	Tube - Hydraulic (Incl. Ref. #19)	1
50	69-6040	Tube - Hydraulic (Incl. Ref. #19)	1
51	69-6050	Tube - Hydraulic (Incl. Ref. #19)	1

Ref. No.	Part No.	Description	No. Used
52	69-6080	Tube - Hydraulic (Incl. Ref. #19)	1
53	69-5990	Tube - Hydraulic (Incl. Ref. #19)	1
54	69-4400	Carrier - Wing Deck	1
55	69-1580	Anchor - Latch L.H.	1
*	69-1600	Anchor - Latch R.H.	1
56	321-9	Screw - Cap Hex. Hd.	3
57	56-7973	Clamp Half - Hydraulic Line	6
58	328-24	Screw - Cap Hex. Hd.	4
59	39-7650	Plate - Cover	2
60	32144-11	Screw - Thread Forming	4
61	93-9922	Spacer	2
*	3290-378	Tie - Cable	3

*Not Illustrated



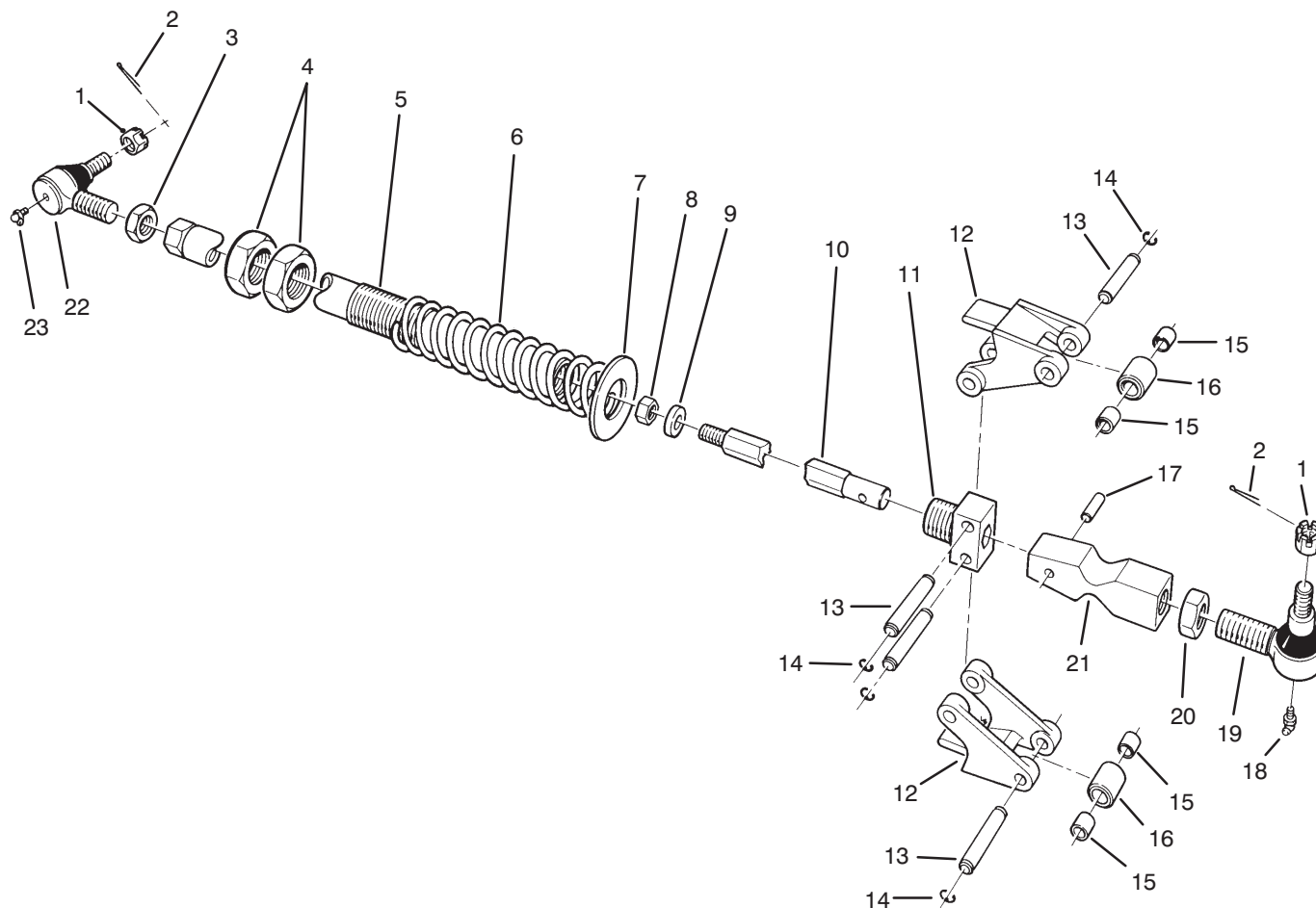
T-0959A

HYDRAULIC CYLINDER ASSEMBLY NO. 74-2170

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	74-2230	Shaft/Clevis	1	12	74-2210	Piston	1
2	74-2220	Collar	1	13	60-9760	Nut - Lock	1
†3		Seal - Dust	1	†14		Ring - Wear	1
4	74-2200	Head	1	15	302-5	Fitting - Grease	2
†5		Ring - Back-Up	1	†16		Barrel/Clevis	1
†6		Seal - O-Ring	1	†17		Seal - O-Ring	1
†7		Ring - Back-Up	1	18		Seal - Uni-Ring	1
†8		Ring - Wear	1	*	86-7350	Seal Repair Kit (Incl. Ref. #3, 5-8, 11, 14 & 17)	1
9	74-2180	Ring - Steel	1				
10	74-2190	Cushion	1				
†11		Uni-Ring	1				

*Not Illustrated

†Not serviceable separately.



T-0369

WING DECK LATCH ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	32136-2	Nut - Castle	4
2	3272-12	Pin - Cotter	4
3	21-3001	Nut - Jam L.H. Thread	2
4	3220-22	Nut - Jam	4
5	69-7210	Tube - Latch	2
6	69-8480	Spring - Compression	2
7	69-9100	Washer - Latch	2
8	3296-41	Nut - Lock	2
9	71-2550	Washer - Latch Shaft	2
10	69-9680	Shaft - Latch	2
11	92-4804	Block - Latch Pivot	2
12	69-1630	Arm - Latch Pivot	4
13	92-4806	Pin - Latch	8

Ref. No.	Part No.	Description	No. Used
14	32120-47	Ring - Retaining	16
15	256-172	Bearing - Sleeve	8
16	92-4094	Roller - Latch	4
17	32121-49	Pin - Roll	2
18	302-5	Fitting - Grease	2
19	86-8100	Joint - Ball (Incl. Ref. #1 & 18)	2
20	21-3000	Nut - Jam	2
21	92-4805	Cam - Spring Trip	2
22	86-8101	Joint - Ball (Incl. Ref. #1 & 23)	2
23	302-40	Fitting - Grease	2

T-0370C

WING DECK LIFT ARM ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	32152-4	Nut - Lock	4
2	74-2710	Clamp Half - Hydraulic Line	4
3	321-15	Screw - Cap Hex. Hd.	4
4	302-2	Fitting - Grease	4
5	69-6470	Bushing - Flange	8
6	256-304	Washer - Thrust	8
7	32152-1	Nut - Lock	4
8	69-9300	Cushion - Rubber	2
9	32108-103	Screw - Machine Flat Hd.	4
10	93-9942	Arm - Outer Lift L.H. (Incl. Ref. #5)	1
*	93-9941	Arm - Outer Lift R.H. (Incl. Ref. #5)	1
11	71-2600	Tube - Anti - Sway	2
12	3220-7	Nut - Jam	4
13	2411-40	Joint - Ball	4
14	82-7930	Arm - Anti-Sway L.H.	1
*	82-7940	Arm - Anti-Sway R.H.	1
15	256-76	Bushing - Sleeve	4
16	69-9240	Roller - Cam	2

Ref. No.	Part No.	Description	No. Used
17	32121-34	Pin - Roll	2
18	69-9250	Shaft - Roller	2
19	3219-7	Nut - Lock	4
20	3253-9	Washer - Lock	4
21	32151-10	Ring - Retaining	2
22	302-5	Fitting - Grease	2
23	71-2620	Shaft - Lift Arm Elbow	2
24	32121-110	Pin Roll	4
25	93-9926	Lift Arm Assembly L.H. (Incl. Ref. #5)	1
*	93-9925	Lift Arm Assembly R.H. (Incl. Ref. #5)	1
26	3254-2	Washer	4
27	322-3	Screw - HH	4
28	93-9928	Clamp - Hose	2
30	93-9912	Grommet	2
31	74-2730	Tube - Clamp	4
32	74-2750	Retainer - Clamp	2
34	82-7900	Shaft - Arm	2

*Not Illustrated

WING DECK MODEL NO 30591 L.H. & 30593 R.H.

Ref. No.	Part No.	Description	No. Used
1	69-8830	Arm - Inside Castor (Incl. Ref. #16 & 34)	2
2	3290-384	Pin - Lynch	8
3	325-20	Screw - Cap Hex. Hd.	8
4	69-8790	Plate - Reinforcing	2
5	69-9700	Mount - Rubber (Incl. Ref. #6)	8
6		Spacer	8
7	32128-23	Nut - Flange Lock	20
8	32128-45	Nut - Lock	8
9	30-8770	Washer - Flat	8
10	69-7170	Clevis - Deck	2
11	3233-29	Bolt - Carriage	2
12	3233-28	Bolt - Carriage	6
13	302-2	Fitting - Grease	2
14	3296-68	Nut - Lock	2
15	71-2610	Shaft - Deck Pivot	2
16	69-6470	Bushing - Flange	20
17	32121-110	Pin - Roll	2
18	69-6420	Bar - Lift L.H. (Incl. Ref. #16)	1
*	69-6480	Bar - Lift R.H. (Incl. Ref. #16)	1
19	13-5059	Arm - Outside Castor (Incl. Ref. #16, 34 & 38)	2

Ref. No.	Part No.	Description	No. Used
20	13-5009	Deck - Wing L.H. (Incl. Ref. #27, 36, 37 & 39)	1
*	13-4999	Deck - Wing R.H. (Incl. Ref. #27, 36, 37 & 39)	1
21	69-6730	Skid	4
22	3233-9	Bolt - Carriage	12
23	323-15	Screw - Cap Hex. Hd.	32
24	5-0838	Washer - Flat	32
25	32128-43	Nut - Lock	32
26	327-17	Screw Cap Hex. Hd.	8
27	43-8480	Decal - Danger	2
28	93-4241	Spacer	8
29	93-4237	Bearing	16
30	93-4240	10" Wheel - Pneumatic (Incl. Ref. #28, 29)	8
31	3296-53	Nut - Lock	8
32	75-9670	Fork - Castor	8
33	69-6860	Washer - Thrust	28
34	302-5	Fitting - Grease	8
35	69-1510	Spacer - Castor	48
36	69-0890	Decal - Belt Routing L.H.	1
*	69-0900	Decal - Belt Routing R.H.	1
37	66-1340	Decal - Danger	2
38	69-0880	Decal - Torque	2
39	67-5360	Decal - Danger	4
40	256-304	Washer - Thrust	4
41	77-0950	Washer - Castor	8

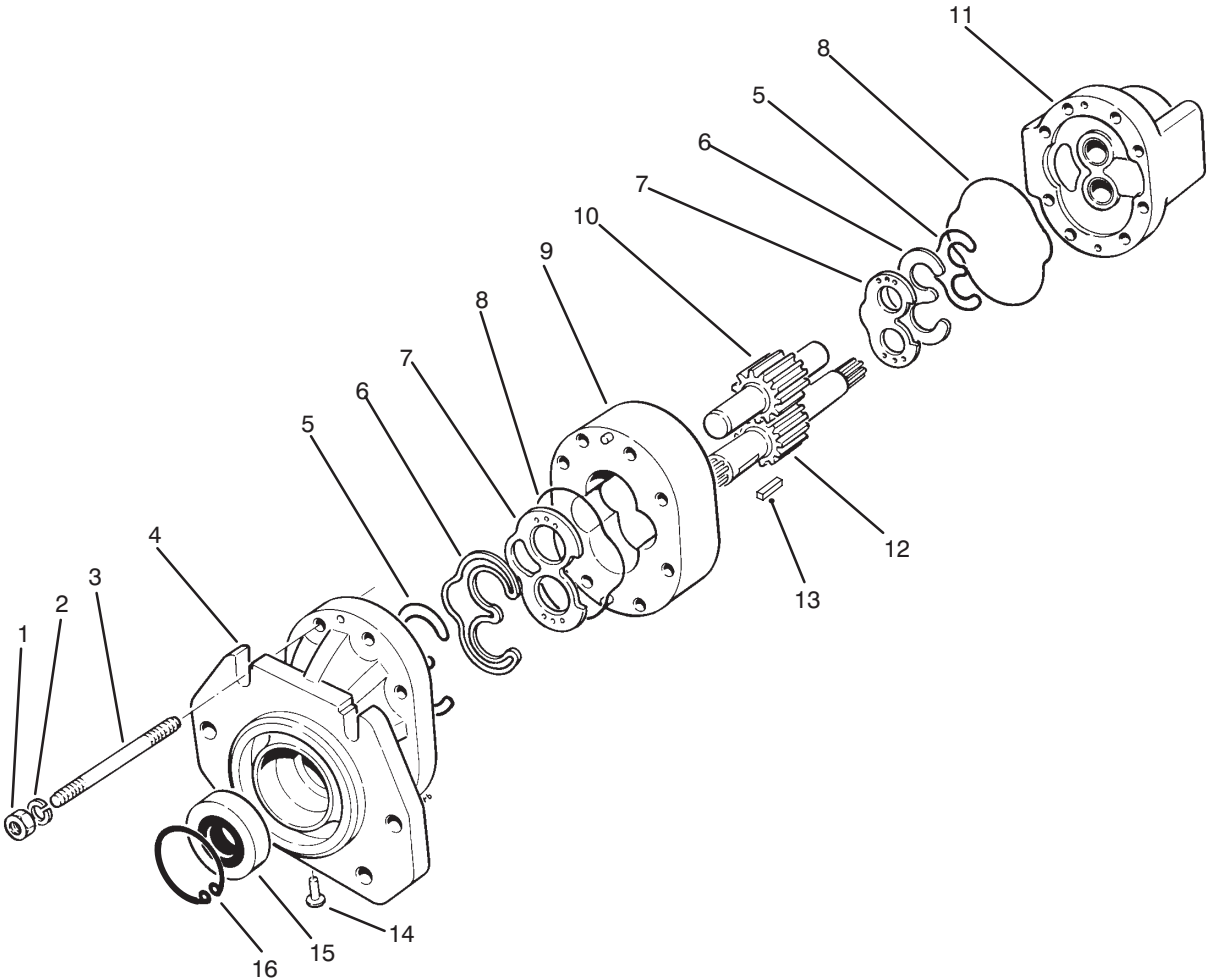
*Not Illustrated

T-0336A

WING DECK MODEL NO. 30591 L.H. & 30593 R.H. DRIVE ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	69-6800	Cover - Inner L.H.	1	16	69-6810	Cover - Outer L.H.	1
*	69-6820	Cover - Inner R.H.	1	*	69-6830	Cover - Outer R.H.	1
2	3234-12	Screw - Hex. Washer Hd.	8	17	3269-25	Rivet - Pop	16
3	69-6360	Plate - Motor Mounting L.H.	1	18	69-6870	Plate - Magnet	8
*	69-6340	Plate - Motor Mounting R.H.	1	19	3296-2	Nut - Lock	16
4	32128-21	Nut - Flange Lock	12	20	69-6260	Magnet - Cover	8
5	237-81	Seal - O-Ring	4	21	32105-1	Screw - Pan Hd.	16
6	340-8	Fitting - Hydraulic Straight (Incl. Ref. #5 & 7)	4	22	3233-30	Bolt - Carriage	6
7	237-65	Seal - O-Ring	4	23	69-6960	Spacer - Idler	6
8	93-9918	Asm. - Hose, Hydraulic	2	24	63-1540	Pulley - Idler	6
9	93-9917	Asm. - Hose, Hydraulic	2	25	32128-23	Nut - Flange Lock	6
10	237-22	Seal - O-Ring	2	26		Screw - Set	4
11	340-2	Fitting - Hydraulic Straight (Incl. Ref. # 10 & 12)	2	27	3231-28	Bolt - Carriage	4
12	237-42	Seal - O-Ring	2	28	71-4260	Decal - H.O.C.	2
13	93-4363	Motor - Hydraulic	2	29	93-9919	Asm. - Hose, Hydraulic	2
14	63-0660	Pulley - Wing Deck Drive	2	*	76-2060	V-Belt	6
15	23-1640	Bushing - Taper Lock (Incl. Ref. #26)	2	*	3290-378	Tie - Cable	24

*Not Illustrated

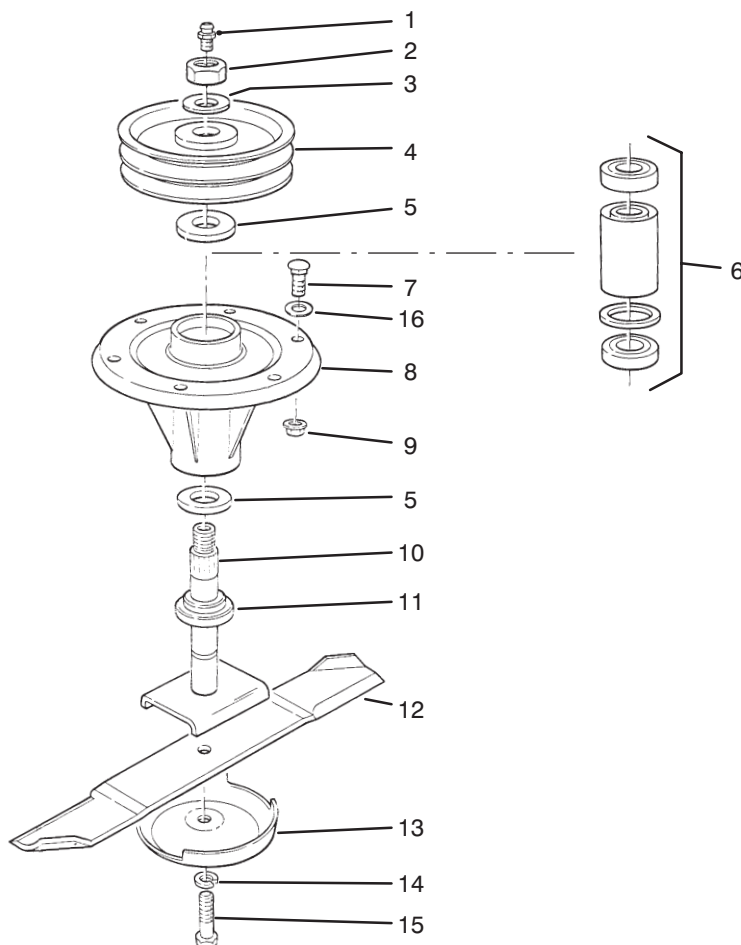


T-1972A

HYDRAULIC MOTOR ASSEMBLY NO. 93-4363

Ref. No.	Part No.	Description	No. Used
1	59-7580	Nut	8
2	59-7590	Washer - Lock	8
3	59-7970	Stud	8
4	93-7634	Cover - Front	1
5		Seal - Gland	2
6		Retainer - Seal	2
7	69-2070	Plate - Flex	2
8		O-Ring, Square	2
9	93-7640	Section - Center	1

Ref. No.	Part No.	Description	No. Used
10	93-7642	Gear - Driven	1
11	93-7639	Cover - Rear	1
12	93-7641	Gear - Drive	1
13	93-7637	Key - Square	1
14	69-2130	Plug	1
15		Seal - Shaft	1
16		Ring - Retaining	1
*	93-8493	Kit - Seal (Incl. Ref. #5, 6, 8, 15 & 16)	1

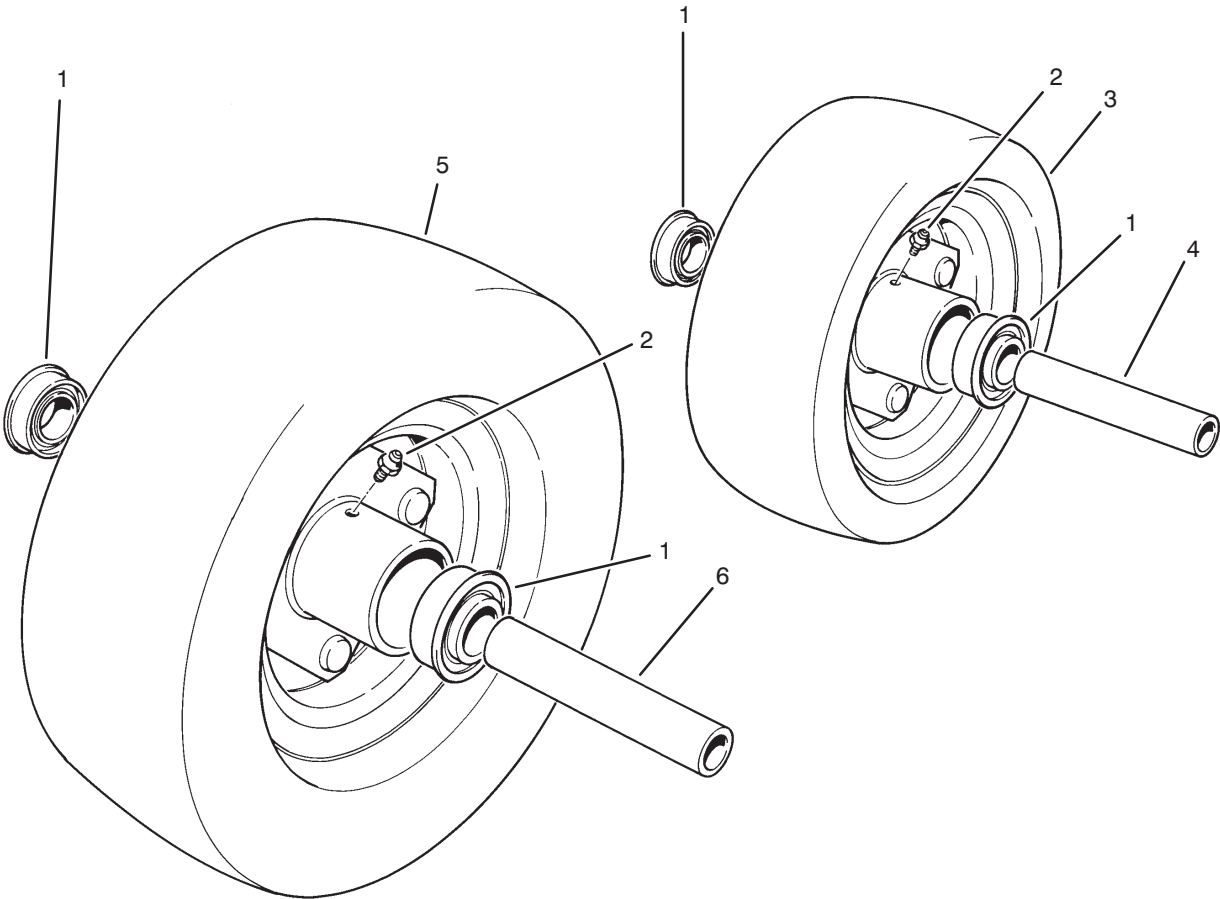


T-0337

SPINDLE ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	302-2	Fitting - Grease Str.	1	8	69-1530	Housing - Spindle	1
*	302-10	Fitting - Grease 45° (Used only on wing deck center & inside spindles)	1	9	32128-21	Nut - Flange Lock	6
2	3296-49	Nut - Lock	1	10	69-6760	Shaft - Spindle	1
3	3-8514	Washer	1	11	92-9800	Spacer - Spindle	1
4	69-8390	Pulley - Spindle	1	12	69-6920	Blade - 20"	1
5	253-154	Seal - Wave	2	13	67-7561	Cup - Anti Scalp	1
6	71-2530	Bearing Assembly	1	14	3253-8	Washer - Lock	1
7	3231-22	Bolt - Carriage	6	15	51-4060	Bolt - Blade	1
				16	3256-24	Washer - Flat	A/R

*Not Illustrated



T-0992

10" & 13" SEGMENTED TIRE ASSEMBLIES (Optional)

Ref. No.	Part No.	Description	No. Used
1	251-321	Bearing - Ball	2
2	302-5	Fitting - Grease	1
3	76-1880	10" Segmented Tire Assy. (Incl. Ref. #1, 2 & 4)	1

Ref. No.	Part No.	Description	No. Used
4	251-332	Spacer - Inner	1
5	76-1890	13" Segmented Tire Assy. (Incl. Ref. #1, 2 & 6)	1
6	251-333	Spacer - Inner	1

TORO PART NUMBER INDEX

3317-640

Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
3-2858	Disc - Friction	18 2 1	40-4150	Roller	3 11 1
3-3251	Spring - Compression	4 45 1	40-4160	Guide - Sleeve	3 12 1
3-3710	Tie Rod Assembly	75 39 1	40-4230	Plug	3 17 1
3-6498	Washer	84 34 1	40-4310	Bearing - Thrust Needle	3 25 1
3-6498	Washer - Flat	82 58 1	40-4340	Spring - Extension	3 28 1
3-8514	Washer	93 3 1	40-4350	Spring - Extension	3 29 2
3-8596	Spring - Compression	18 12 1	40-4360	Plate	3 30 1
5-0838	Washer - Flat	80 18 16	40-4370	Bolt	3 31 1
5-0838	Washer - Flat	90 24 32	40-4380	Bracket - Release	3 32 2
5-0838	Washer - Flat	83 30 3	40-9520	Spacer - Split	84 12 2
5-0838	Washer - Flat	84 40 3	40-9520	Spacer - Split	83 3 2
5-3177	Washer - Flat	23 7 4	41-8760	Gasket - Pump	37 49 1
5-3637	Spacer - Terminal	22 4 1	42-1720	Field Core Coil Assembly	9 5 1
5-3637	Washer - Flat	48 13 1	42-6200	Shim - Cushion	83 * A/R
12-8900	Bolt - Shoulder	36 32 2	42-6200	Shim - Cushion	84 * A/R
13-4239	Shroud - Fan	44 9 1	43-4000	Breaker - Circuit 40A	11 10 1
13-4969	Deck - Center	81 41 1	43-5920	Washer - Lock	48 14 1
13-4979	Right Wing Deck Assembly	84 18 1	43-5970	Nut - Hex.	48 15 1
13-4989	Deck - Left Wing	83 12 1	43-6110	Plate - Clutch	9 9 1
13-4999	Deck - Wing R.H.	90 * 1	43-6200	Spring - Compression	9 27 1
13-5009	Deck - Wing L.H.	90 20 1	43-6280	Button	13 10 2
13-5059	Arm - Outside Castor	90 19 2	43-6280	Button	14 12 2
13-5069	Arm - Castor L.H.	80 31 1	43-6320	Collar - Locking	9 10 1
17-7190	Spacer	46 23 4	43-6420	Bezel	13 11 2
18-2770	Strap - Ground	72 23 1	43-6420	Bezel	14 13 2
19-1470	Bolt - Shoulder	81 13 4	43-8480	Decal - Danger	83 24 1
20-4360	Tube - Spacer	78 16 2	43-8480	Decal - Danger	90 27 2
20-4840	Clamp - Exhaust	46 12 2	43-8480	Decal - Danger	84 32 1
20-4840	Clamp - Tube	25 15 2	43-8480	Decal - Danger	81 40 1
20-9500	Spacer	4 14 2	44-2210	Body - Indicator Light	4 5 1
21-0141	Joint - Ball	9 20 1	44-2212	Body - Indicator Light	4 12 2
21-1830	Spring - Extension	7 23 1	46-1600	Spacer	4 26 4
21-2070	Yoke - End	36 8 2	46-3380	Bolt - Shoulder	44 23 2
21-3000	Nut - Jam	88 20 2	47-6990	Nut - Hex.	4 9 1
21-3000	Nut - Jam	78 38 2	48-7630	Screw	47 72 1
21-3001	Nut - Jam L.H. Thread	88 3 2	48-7710	Screw - Cap Hex. Hd.	37 10 8
23-1640	Bushing - Taper Lock	81 50 1	48-7780	Screw - Cap Hex. Hd.	2 15 2
23-1640	Bushing - Taper Lock	91 15 2	48-7780	Screw - Cap Hex. Hd.	46 32 6
23-2140	Hose - Radiator Vent	44 7 1	48-7890	Nut - Hex.	47 73 1
23-2270	Bushing - Rubber	9 15 1	48-7930	Nut - Lock	46 6 3
23-7250	Spacer	72 35 1	48-8070	Washer - Lock	46 2 16
23-7270	Nut - Lug	75 24 10	48-8070	Washer - Lock	72 29 1
25-2630	Ring - Back Up	41 63 1	48-9470	Screw - Cap Hex. Hd.	46 25 8
25-2630	Ring Back Up	40 47 1	48-9480	Screw - Cap Hex. Hd.	46 21 4
27-2360	Switch - Ignition	14 16 1	48-9570	Washer - Lock	46 7 3
27-4720	Pin - Pivot Seat	1 14 1	48-9570	Washer - Lock	37 9 8
27-4720	Pin - Pivot, Seat	2 19 1	48-9590	Washer - Lock	46 22 22
27-7120	Nut	69 3 1	49-2500	Element Assembly	57 21 1
27-7220	Detergent - Element	69 * 1	49-6170	Pad - Brake	7 4 1
28-0380	Spacer	4 35 3	49-6171	Pad - Brake Pedal L.H.	6 19 1
28-3580	Ring - Back Up	40 44 1	49-6172	Pad - Brake Pedal R.H.	6 * 1
28-3590	Seal O-Ring	40 43 1	51-3150	Shim - Spring	38 60 A/R
29-6150	Spring - Leaf	37 43 1	51-4060	Bolt - Blade	93 15 1
29-6163	Switch - Micro	6 13 1	51-4910	Bolt	51 24 2
29-6170	Leaf Spring Assembly	37 38 1	51-4910	Bolt	62 28 4
30-8770	Washer - Flat	90 9 8	51-4920	Bolt	52 1 1
30-8770	Washer - Flat	80 32 4	51-4950	Guide	53 18 8
31-0390	Washer - Friction	4 15 3	51-5090	Plug	54 9 1
37-9560	Hose - Fuel	70 1 1	51-5260	Ring - Retaining	54 30 2
39-5710	Plug	2 13 21	51-5280	Cap	54 12 8
39-7591	Thermo Switch Assembly	47 66 1	51-5290	Cotter	54 13 16
39-7592	Switch - Temperature	46 5 1	51-5300	Retainer	54 14 8
39-7593	Temperature Sending Unit	24 15 1	51-5310	Seal	54 15 8
39-7650	Plate - Cover	86 59 2	51-5460	Key	56 16 1
40-0330	Cushion - Rubber	83 4 1	51-5460	Key	54 26 1
40-0330	Cushion - Rubber	84 13 1	51-5470	Plate	54 25 1
40-3890	Trim	2 14 2	51-5500	Bushing No. 1	55 5 1
40-4010	Roller	3 1 4	51-5510	Bushing - No. 2	55 26 1
40-4060	Washer - Rubber	3 26 1	51-5520	Bushing - No. 3	55 27 1
40-4070	Washer	3 24 3	51-5580	Hanger	55 2 1
40-4080	Track - U	3 6 1	51-5600	Cap	55 3 11
40-4090	Rivet - Pop	3 5 2	51-5640	Idler Shaft Assembly	55 36 1
40-4120	Plate - Rubber	3 7 1	51-5650	Pin	56 15 1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
51-5650	Pin	55 21 6	51-7830	Cover - Rear	49 16 1
51-5650	Pin	55 35 1	51-7840	Ring - Rubber	49 15 2
51-5840	Washer	53 12 1	51-7850	Nut Assembly	50 1 1
51-5850	Cover	52 15 1	51-7870	Screw Set	50 4 1
51-5860	Gasket	52 14 1	51-7890	Screw Set	50 5 1
51-5890	Oil Seal Assembly	58 17 1	51-7910	Rotor Assembly	50 10 1
51-5950	Stud	58 2 2	51-7930	Stator	50 18 1
51-5970	Nut	58 4 2	51-7950	Terminal Assembly	50 17 1
51-6350	Gear	56 3 1	51-7960	Regulator Assembly	50 16 1
51-6390	Washer	62 29 4	51-7970	Brush	50 15 2
51-6390	Washer	55 33 1	51-8270	Washer	55 29 1
51-6390	Washer - Lock	52 2 11	51-8280	Bolt	55 28 1
51-6390	Washer - Lock	58 3 13	51-8590	Washer	48 3 1
51-6390	Washer - Lock	48 9 2	51-8610	Washer - Lock	56 5 4
51-6390	Washer - Lock	62 9 2	51-8610	Washer - Lock	48 11 2
51-6390	Washer - Lock	51 14 2	51-8640	Bolt	48 8 2
51-6390	Washer - Lock	51 18 4	52-9230	Ring - Retaining	5 3 1
51-6390	Washer - Lock	51 23 4	52-9240	Bushing - Gland Seal	5 4 1
51-6390	Washer - Lock	57 27 4	52-9250	Needle Bearing Kit	5 * 1
51-6400	Plate	52 7 1	52-9260	Screw - Set	5 1 1
51-6430	Bushing	52 10 1	52-9270	Seat - Check Ball	5 24 1
51-6480	Cover	55 9 1	52-9280	Ball - Check	5 22 1
51-6490	Gasket	55 10 1	52-9290	Retainer - Check Ball	5 21 1
51-6820	Washer	57 24 1	52-9320	Drive	5 15 1
51-6830	Relief Valve Assembly	57 25 1	56-7971	Clamp Half - Hydraulic Line	30 26 2
51-6890	Gasket	53 14 1	56-7972	Clamp Half - Hydraulic Line	30 20 4
51-6890	Gasket - Plug	58 15 1	56-7973	Clamp Half - Hydraulic Line	30 19 20
51-6910	Nut	51 32 1	56-7973	Clamp Half - Hydraulic Line	28 44 4
51-6920	Washer - Lock	51 21 2	56-7973	Clamp Half - Hydraulic Line	86 57 6
51-6920	Washer - Lock	51 31 1	56-7974	Clamp - Hydraulic Lines	72 31 2
51-6940	Ring	51 28 1	56-7974	Clamp Half - Hydraulic Line	85 2 2
51-6950	Bearing	51 27 1	56-7974	Clamp Half - Hydraulic Line	30 17 2
51-6960	Key	51 3 1	56-7974	Clamp Half - Hydraulic Line	47 77 2
51-6980	Bearing	51 25 1	56-7978	Clamp Half - Hydraulic Line	30 25 8
51-7020	Nipple	51 6 1	56-7978	Clamp Half - Hydraulic Line	24 42 6
51-7030	Seal	51 10 1	58-3590	Pin - Flywheel	46 24 2
51-7170	Pipe	51 8 1	58-4250	Magnet	42 1 6
51-7200	Clamp	51 42 2	58-5620	Tube - Inner	32 * 2
51-7210	Gasket	51 2 2	58-6290	Poppet Assembly	20 34 3
51-7220	Gasket	51 38 1	58-6310	Spacer	20 28 3
51-7230	Thermostat	51 37 1	58-6320	Wiper - Seal	20 24 3
51-7250	Washer	59 1 4	58-6330	Seat Assy.	20 35 3
51-7250	Washer	59 6 16	58-6340	Seal - O-Ring	20 36 3
51-7250	Washer	55 8 2	58-6350	Plug Assembly	20 11 3
51-7250	Washer	57 9 3	58-6370	Washer - Back-Up	20 10 6
51-7250	Washer	55 38 1	58-6400	Bushing	20 25 3
51-7250	Washer - Lock	54 3 8	58-6420	Cap Assembly	20 30 3
51-7250	Washer - Lock	48 4 1	58-6440	Poppet	20 22 1
51-7250	Washer - Lock	53 4 2	58-6450	Seal - O-Ring	20 12 6
51-7250	Washer - Lock	58 8 28	58-6460	Ring - Retaining	20 29 3
51-7250	Washer - Lock	52 16 5	58-6470	Washer	20 18 A/R
51-7250	Washer - Lock	54 24 2	58-6480	Washer	20 19 A/R
51-7250	Washer - Lock	62 32 2	58-6490	Washer	20 20 A/R
51-7250	Washer - Lock	51 34 4	58-6700	Washer	20 26 3
51-7400	Washer	57 30 4	58-6710	Plug Assy.	20 6 1
51-7400	Washer - Lock	62 16 6	58-6720	Seal - O-Ring	20 7 1
51-7400	Washer - Lock	61 18 2	58-6730	Spring	20 27 3
51-7600	Screw Set	49 4 1	58-6750	Seal - O-Ring	20 17 1
51-7610	Packing	49 5 2	58-6760	Spring	20 3 3
51-7630	Seal - Oil	49 24 1	58-6770	Plunger - Detent	20 4 3
51-7640	Lever Assembly	49 7 1	58-6780	Plug Assy.	20 1 3
51-7650	Spring Assembly	49 8 1	58-6790	Seal - O-Ring	20 5 3
51-7660	Bracket Assembly Center	49 9 1	59-6730	Race - Bearing	5 7 2
51-7670	Solenoid	49 10 1	59-6740	Bearing - Needle Thrust	5 8 1
51-7690	Bearing	49 11 1	59-6820	Centering Spring Kit	5 11 1
51-7720	Clutch Assy.	49 * 1	59-6830	Kit - Centering Pin	5 20 1
51-7730	Gear Pinion Assembly	49 2 1	59-6910	Connector	48 6 1
51-7740	Retaining Ring Assembly	49 1 1	59-7580	Nut	92 1 8
51-7750	Gear Assembly	49 * 1	59-7580	Nut - Hex.	26 24 8
51-7760	Shaft Assembly	49 23 1	59-7590	Washer - Lock	92 2 8
51-7770	Gear - Pinion	49 22 1	59-7590	Washer - Lock	26 12 16
51-7780	Cover Assembly	49 21 1	59-7970	Stud	92 3 8
51-7790	Packing	49 20 2	59-7970	Stud - Threaded	26 23 8

*Not Illustrated

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59-7990	Seal — Gland	26 3 4	63-1540	Pulley — Idler	81 15 3
59-8470	Retainer — Seal	26 4 4	63-1540	Pulley — Idler	91 24 6
59-8500	Gear/Shaft — Front Drive	26 17 1	63-4740	Bolt	53 7 17
59-8570	Seal — Shaft	26 22 1	63-7430	Gauge — Temperature	13 8 1
59-8580	Ring — Retaining	26 21 1	63-7590	Relay	72 19 1
59-8590	Seal — Shaft	26 20 1	63-8280	Head — Fuel Filter	70 4 1
59-8600	Gear — Driven	26 9 2	63-8290	Vent — Air	70 5 1
59-8610	Repair Kit	26 * 1	63-8310	Valve — Drain	70 8 1
60-3780	Seal Kit	20 *	63-8360	Key — Ignition	14 11 1
60-3810	Shaft — Input	35 2 1	66-1340	Decal — Danger	83 23 1
60-3830	Seal — Oil	35 4 1	66-1340	Decal — Danger	84 33 1
60-3840	Cone — Bearing	35 5 1	66-1340	Decal — Danger	90 37 2
60-3850	Cup — Bearing	35 6 2	66-1340	Decal — Danger	82 60 1
60-3860	Bolt — Wheel	35 7 9	66-2490	Hold-Down — Battery	72 16 2
60-3870	Hub	35 8 1	66-2940	Gauge — Fuel	13 25 1
60-3880	Cone — Bearing	35 9 1	66-2950	Hourmeter	13 26 1
60-3890	Bolt — Hex. Hd.	35 10 6	66-3241	Cap — Radiator	44 5 1
60-3900	Gear — Ring	35 24 1	66-6140	Decal — TORO	43 27 1
60-3910	Washer — Flat	35 11 6	66-8530	Track — Adjustment	2 3 1
60-3930	Ring — Retaining	35 25 2	67-4510	Sending Unit — Temperature	46 4 1
60-3940	Washer	35 26 2	67-5360	Decal — Danger	83 25 1
60-3950	Spring — Disengage	35 27 1	67-5360	Decal — Danger	84 31 1
60-3960	Primary Carrier Assembly	35 15 1	67-5360	Decal — Danger	90 39 4
60-3970	Gear — Primary Sun	35 13 1	67-7160	Block — Fuse	11 24 4
60-3980	Washer — Thrust	35 12 1	67-7561	Cup — Anti Scalp	93 13 1
60-3990	Washer — Thrust	35 23 1	67-9560	Shell — Seat	1 2 1
60-4000	Secondary Carrier Assy.	35 20 1	68-6150	Breather	44 50 1
60-4010	Plunger — Disengage	35 22 1	68-7571	Strip — Sealing	23 24 1
60-4020	Seal — O-Ring	35 21 1	68-7572	Strip — Sealing	22 18 1
60-4030	Bolt — Hex. Hd.	35 17 8	68-8080	Wheel — Steering	4 10 1
60-4040	Plug — Pipe	35 16 1	69-0030	Spring — Compression	36 30 2
60-4050	Cover — Large	35 19 1	69-0040	Foam — Lower Grille	42 20 1
60-4060	Cover — Disengage	35 18 1	69-0060	Screw — Cap Hex. Hd.	72 28 1
60-4070	Bolt — Hex. Hd.	35 14 2	69-0060	Screw — Cap Hex. Hd.	46 39 16
60-5210	Clamp	62 15 2	69-0090	Pin — Clevis Engine End	18 * 1
60-5340	Cover Assembly — Front	50 7 1	69-0100	Frame — Assembly	28 49 1
60-5360	Bearing	50 11 1	69-0760	Bracket — Arm Rest L.H.	1 * 1
60-5370	Rectifier Assembly	50 13 1	69-0770	Bracket — Arm Rest R.H.	1 18 1
60-5380	Cover Assembly — Rear	50 12 1	69-0820	Decal — H.O.C.	82 57 1
60-5720	Seal — O-Ring	20 9 6	69-0880	Decal — Torque	80 30 1
60-6450	Disc	20 2 A/R	69-0880	Decal — Torque	90 38 2
60-7040	Bolt	51 40 2	69-0890	Decal — Belt Routing L.H.	90 36 1
60-7110	Bolt	57 10 3	69-0900	Decal — Belt Routing R.H.	90 * 1
60-7110	Bolt	52 18 1	69-0920	Decal — Hydraulic Oil	30 8 1
60-7110	Bolt	54 23 2	69-0930	Decal — Warning	22 12 1
60-7110	Bolt	55 37 1	69-0940	Decal — Caution	30 39 1
60-7120	Nut — Hex.	61 3 12	69-0950	Decal — 580D	43 26 2
60-7160	Rivet	60 1 2	69-0960	Panel — Diagnostic	29 4 1
60-7210	Bolt	52 6 1	69-0970	Panel — Control	4 46 1
60-7280	Bolt	54 2 4	69-0980	Panel — Lever	14 1 1
60-7280	Bolt	53 3 2	69-0990	Panel — Control	14 6 1
60-7280	Bolt	55 7 2	69-1130	Louver — Middle	42 8 1
60-7280	Bolt	58 9 23	69-1140	Louver — Lower	42 31 1
60-7280	Bolt	62 31 2	69-1170	Gauge — Sight	23 2 1
60-7280	Bolt	51 35 1	69-1180	Armrest	1 20 2
60-7290	Bolt	57 29 4	69-1380	Panel — Side R.H.	43 * 1
60-7370	Bolt	59 2 4	69-1390	Panel — Side L.H.	43 12 1
60-7370	Bolt	48 5 1	69-1510	Spacer — Caster	80 2 12
60-7370	Bolt	59 7 16	69-1510	Spacer — Castor	90 35 48
60-7370	Bolt	58 12 5	69-1530	Housing — Spindle	93 8 1
60-7480	Bolt	62 10 2	69-1540	Pivot — Spring	78 34 1
60-7480	Bolt	57 26 4	69-1560	Lever — Lock	4 1 1
60-9760	Nut — Lock	79 11 1	69-1580	Anchor — Latch L.H.	86 55 1
60-9760	Nut — Lock	87 13 1	69-1600	Anchor — Latch R.H.	86 * 1
60-9770	Piston	79 10 1	69-1610	Adapter — Suction Hose	23 8 1
61-2790	Filler — Screen	23 34 1	69-1630	Arm — Latch Pivot	88 12 4
61-4990	Ring — Retaining	79 3 1	69-1640	Radiator	44 12 1
62-5550	Decal	4 47 1	69-1650	Screen — Suction	23 17 1
62-6450	Kit — Retaining Ring	35 28 1	69-1660	Mount — Engine	46 40 4
62-6460	Sealant — RTV (Tube)	35 * 1	69-1670	Cooler — Oil	44 32 1
62-7650	Gasket — Level Sensing Unit	22 1 1	69-1680	Fan	47 62 1
63-0660	Pulley — Drive	82 51 1	69-1690	Clutch — Fan	47 64 1
63-0660	Pulley — Wing Deck Drive	91 14 2	69-1700	Hydraulic Filter Assembly	24 19 1

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69-1720	Element - Filter	24 21	69-2470	Gasket - Cap	39 7 1
69-1730	Planetary Gear Drive Assy.	32 32 2	69-2480	Screw - Set	39 8 1
69-1740	Spindle	35 3 1	69-2490	Spring - Compression	39 9 1
69-1750	Fuel Filter Assembly	46 44 1	69-2500	Poppet	39 10 1
69-1750	Fuel Filter Assembly	70 * 1	69-2510	Seat	39 11 1
69-1760	Sensor - Water	70 9 1	69-2520	Plug - Pipe	39 31 1
69-1770	Element - Spin-On	70 11 1	69-2530	Seal - O-Ring	39 12 1
69-1780	Lift Valve Assembly	19 2 1	69-2540	Cover Assembly	39 13 1
69-1790	Plunger	20 37 2	69-2550	Repair Kit - Pump	39 * 1
69-1800	Plug Assembly	20 32 3	69-2560	Repair Kit - Pump & Divider	39 * 1
69-1810	Spring	20 33 3	69-2570	Head	79 4 1
69-1820	Spring - Black	20 21 1	69-2580	Shaft w/clevis	79 1 1
69-1830	Plug Assembly	20 16 1	69-2640	Master Cylinder Assembly	7 9 1
69-1840	Plunger	20 31 1	69-2650	Boot - Rod	8 1 1
69-1860	Gerotor	5 16 1	69-2660	Ring - Retaining	8 2 1
69-1880	Spacer	5 17 1	69-2730	Piston Assembly	8 * 1
69-1890	Air Cleaner Assembly	46 15 1	69-2740	Bail - Cover	8 12 1
69-1900	Element Assembly	69 5 1	69-2750	Cover - Reservoir	8 9 1
69-1910	Clamp Assembly	69 4 1	69-2760	Gasket - Diaphragm	8 10 1
69-1920	Baffle	69 2 1	69-2770	Seat - Tube	8 11 1
69-1930	Cup Assembly	69 1 1	69-2960	Hub - Rear Wheel	75 19 2
69-1940	Indicator - Electrical	47 71 1	69-2970	Cap - Hub	75 27 2
69-1950	Band - Air Cleaner	46 28 2	69-2980	Seal - Inner	75 32 2
69-1960	Hydraulic Cylinder Assembly	75 42 2	69-2990	Screw - Drive	75 18 10
69-1960	Steering Cylinder (Complete)	77 * 2	69-3010	Strap - Hold Down	43 6 4
69-1970	Joint - Ball	77 17 1	69-3020	Handle - Latch	42 16 2
69-1980	Nut - Jam	77 16 1	69-3020	Latch	44 20 8
69-1990	Nut - Lock	77 14 1	69-3030	Strike - Latch	42 13 8
69-2000	Piston	77 11 1	69-3050	Motor - Hydraulic Wheel	32 44 2
69-2020	Rod - Piston	77 4 1	69-3070	Washer - Lock	41 62 10
69-2030	Ring - Head	77 7 1	69-3070	Washer - Plain	34 2 10
69-2050	Hydraulic Pump Assembly	25 8 1	69-3080	Plug	41 60 6
69-2060	Shaft End Cover Assembly	26 18 1	69-3090	Adapter - Suction	41 79 1
69-2070	Plate - Flex	26 5 4	69-3100	Screw	41 82 1
69-2070	Plate - Flex	92 7 2	69-3110	Screw	41 73 2
69-2080	Center Section Assembly	26 7 2	69-3120	Plug	41 95 1
69-2090	Gear/Shaft - Rear Drive	26 8 1	69-3130	Plug	40 9 1
69-2100	Rear Cover Assembly	26 11 1	69-3130	Plug - Hole	34 33 1
69-2110	Coupling	26 1 1	69-3140	Bracket - Lifting	41 58 1
69-2120	Seal - O-Ring	26 10 2	69-3150	Screw - Hex. Hd.	41 61 10
69-2130	Plug	92 14 1	69-3150	Screw Hex. Hd.	34 1 10
69-2130	Plug	26 19 1	69-3160	Seal - O-Ring	41 74 3
69-2140	Screw - Cap Hex. Hd.	26 14 4	69-3170	Ring - Retaining	34 19 2
69-2150	Screw - Cap Hex. Hd.	26 13 4	69-3170	Ring - Retaining	40 31 2
69-2160	Port Section Assembly	26 16 1	69-3180	Shaft Pump	40 37 1
69-2170	Adapter Section Assembly	26 2 1	69-3190	Seal - Lip	34 18 1
69-2200	Seal - O-Ring	26 6 2	69-3190	Seal - Lip	40 30 1
69-2210	Seal - O-Ring	26 15 1	69-3200	Ring - Retaining	34 17 2
69-2220	Pump/Valve	37 52 1	69-3200	Ring - Retaining	40 29 2
69-2230	Flow Divider Assembly	39 30 1	69-3210	Bearing - Ball	34 20 1
69-2240	Screw	39 32 4	69-3210	Bearing - Ball	40 32 1
69-2250	Bearing - Sleeve	39 20 4	69-3220	Screw	40 28 1
69-2260	Seal - Load	39 17 1	69-3230	Pin - Spring	40 12 1
69-2270	Seal - Pre-Load	39 18 1	69-3230	Pin - Spring	34 32 1
69-2280	Shaft/Gear - Idler	39 15 1	69-3240	Bearing - Journal	40 25 2
69-2290	Shaft/Gear - Drive	39 28 1	69-3250	Swashplate - Variable	40 24 1
69-2300	Ring - Retaining	39 26 1	69-3370	Bearing - Needle	40 13 1
69-2310	Seal - Shaft	39 27 1	69-3370	Bearing - Needle	34 31 1
69-2320	Plate - Wear	39 16 1	69-3390	Gerotor Assembly	41 89 1
69-2330	Body Assembly	39 21 1	69-3400	Screw Hex. Hd.	41 83 3
69-2340	Pin - Dowel	39 14 2	69-3410	Adapter - A Flange	41 85 1
69-2350	Ring - Sealing	39 19 1	69-3420	Ring - Temper Load	41 86 1
69-2360	Screw	39 23 4	69-3430	Key - Woodruff	41 84 1
69-2370	Washer	39 22 4	69-3440	Seal - O-Ring	41 87 1
69-2380	Screw	39 24 4	69-3450	Pin	34 30 1
69-2390	Washer	39 25 4	69-3450	Pin	40 41 1
69-2400	Seal - O-Ring	39 29 1	69-3460	Plug Expansion	41 80 1
69-2410	Plug	39 1 2	69-3470	Pin	40 36 1
69-2420	Seal - O-Ring	39 2 2	69-3500	Bearing - Sleeve	34 13 1
69-2430	Spring - Compression	39 5 1	69-3500	Sleeve - Bearing	40 34 1
69-2440	Orifice	39 4 1	69-3510	Pin	34 14 1
69-2450	Piston	39 3 1	69-3510	Pin	40 35 1

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69-3520	Pin — Spring	34 23 2	69-4260	Solenoid Valve Seal Kit	74 * 3
69-3540	Cover — Gerotor	41 88 1	69-4270	Cartridge Valve Seal Kit	74 * 6
69-3550	Pin	41 81 1	69-4280	Tube — Hydraulic Vent	23 33 1
69-3560	Seal — O—Ring	34 38 2	69-4320	Fitting — Hydraulic 90°	81 8 1
69-3560	Seal — O—Ring	41 55 2	69-4400	Carrier — Wing Deck	86 54 1
69-3570	Ring — Piston	34 39 2	69-4780	Clamp — Gauge	13 23 2
69-3570	Ring — Piston	41 56 2	69-5350	Hose — Air Cleaner Inlet	46 13 1
69-3580	Guide — Spring	40 8 1	69-5360	Hose — Air Cleaner	46 17 1
69-3590	Ring — Retaining	40 7 1	69-5370	Hose — Auxiliary Suction	23 14 1
69-3600	Nut — Hex.	40 6 1	69-5380	Hose — Upper Radiator	44 4 1
69-3610	Nut — Jam	40 5 1	69-5390	Hose — Lower Radiator	44 10 1
69-3620	Cover — Servo Adjustment	40 1 1	69-5410	Manifold — Return	24 10 1
69-3630	Nut Special	40 2 1	69-5430	Pulley — Idler	84 7 1
69-3640	Cover — Servo	40 3 1	69-5430	Pulley—Idler	81 25 1
69-3650	Piston — Servo	40 53 1	69-5440	Hose — Hydraulic	78 12 3
69-3660	Screw — Special	41 91 1	69-5440	Hose — Hydraulic	24 30 1
69-3670	Spring — Compression	41 93 1	69-5440	Hose — Hydraulic	38 58 1
69-3680	Stop — Servo	41 92 1	69-5450	Hose — Hydraulic	38 56 1
69-3690	Bearing	41 54 2	69-5460	Hose — Hydraulic	37 18 1
69-3700	Guide — Spring	41 90 1	69-5460	Hose — Hydraulic	24 14 1
69-3710	Gasket — Servo	40 4 2	69-5470	Hose — Hydraulic	27 16 1
69-3710	Gasket — Servo Cover	34 41 2	69-5470	Hose — Hydraulic	38 57 1
69-3720	Cover — Servo	34 43 2	69-5480	Hose — Hydraulic	27 17 1
69-3720	Cover Servo	41 57 1	69-5480	Hose — Hydraulic	38 59 1
69-3730	Valve — Relief	41 78 2	69-5490	Hose — Cylinder	85 39 4
69-3740	Spring — Compression	41 72 2	69-5500	Hose — Hydraulic	4 33 4
69-3750	Seal — O—Ring	41 77 2	69-5510	Hose — Hydraulic	75 1 4
69-3760	Plug Special	41 71 2	69-5590	Hose — Hydraulic	73 1 2
69-3770	Shim	41 69 1	69-5590	Hydraulic Hose Assembly	25 1 2
69-3780	Plug	41 67 1	69-5600	Hose — Hydraulic	73 9 1
69-3790	Spring Compression	41 70 1	69-5610	Hose — Hydraulic	73 17 1
69-3800	Valve	41 65 1	69-5620	Hose — Hydraulic	44 29 1
69-3810	Valve — By Pass	41 66 1	69-5640	Hose — Hydraulic	25 12 1
69-3820	Sleeve — Control Valve	40 42 1	69-5640	Hose — Suction	23 12 1
69-3830	Spool — Rotary Valve	40 46 1	69-5650	Hose — Hydraulic	24 18 1
69-3840	Seal — O—Ring	40 52 1	69-5650	Hose — Hydraulic	37 22 1
69-3860	Screw — Flange Hd.	40 49 1	69-5670	Cable — Brake	6 22 2
69-3870	Handle — Control Valve	40 50 1	69-5680	Tube — Hydraulic	19 20 1
69-3880	Spring — Neutral Return	40 45 1	69-5680	Tube — Hydraulic	21 9 1
69-3890	Bracket — Neutral Return	40 48 1	69-5700	Tube — Hydraulic	19 18 1
69-3900	Washer	40 51 1	69-5710	Tube — Hydraulic	21 20 1
69-3910	Cylinder Block Assembly	40 39 1	69-5720	Tube — Hydraulic	19 17 1
69-3910	Cylinder Block Kit	34 27 1	69-5730	Tube — Hydraulic	21 33 1
69-3920	Piston Ring & O—Ring Kit	34 * 1	69-5740	Tube — Hydraulic	19 19 1
69-3940	Plug	34 29 1	69-5790	Tube — Hydraulic	27 37 1
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69-3970	Bearing — Journal	34 22 2	69-5810	Tube — Hydraulic Return	28 * 1
69-3980	Swashplate — Variable	34 24 1	69-5820	Tube — Hydraulic	21 31 1
69-3990	Plate — Motor Valve	34 28 1	69-5830	Tube — Hydraulic	21 32 1
69-4020	Piston — Servo	34 37 1	69-5850	Tube — Hydraulic	21 18 1
69-4030	Spring — Servo	34 40 1	69-5860	Tube — Hydraulic	19 16 1
69-4040	Stop — Servo Piston	34 42 1	69-5860	Tube — Hydraulic	21 34 1
69-4060	Counterbalance Manifold	21 * 1	69-5870	Tube — Hydraulic	19 22 1
69-4060	Counterbalance Manifold	19 26 1	69-5870	Tube — Hydraulic	21 28 1
69-4070	Manifold — Counter Balance	21 14 1	69-5890	Tube — Hydraulic	21 5 1
69-4080	Valve — Hydraulic Cartridge	21 1 1	69-5890	Tube — Hydraulic	19 21 1
69-4090	Valve — Hydraulic Cartridge	21 36 1	69-5900	Tube — Hydraulic	44 31 1
69-4100	Valve — Hydraulic Cartridge	21 15 1	69-5910	Tube — Hydraulic	21 19 1
69-4110	Valve — Hydraulic Cartridge	21 30 2	69-5910	Tube — Hydraulic Diagnostic	29 6 1
69-4120	Valve — Hydraulic Cartridge	21 10 1	69-5920	Tube — Diagnostic	29 8 1
69-4130	Plug — Orifice .047	21 39 2	69-5920	Tube — Hydraulic	21 37 1
69-4140	Plug — Orifice .120	21 38 1	69-5930	Tube — Hydraulic R.H.	32 * 1
69-4150	PTO Manifold Assembly	74 * 1	69-5940	Tube — Hydraulic L.H.	32 2 1
69-4150	PTO Manifold Assembly	72 1 1	69-5950	Tube — Hydraulic	24 32 1
69-4170	Valve — Cartridge (600 lbs)	73 5 3	69-5950	Tube — Hydraulic	28 57 1
69-4180	Valve — Cartridge (3000 lbs)	73 8 3	69-5970	Tube — Hydraulic R.H.	85 * 1
69-4190	Valve — Cartridge (20 lbs)	73 40 3	69-5980	Tube — Hydraulic L.H.	85 21 1
69-4200	Valve — Cartridge (75 lbs)	73 38 3	69-5990	Tube — Hydraulic	24 12 1
69-4220	Plug — Orifice	74 47 1	69-5990	Tube — Hydraulic	86 53 1
69-4230	Cartridge Valve Seal Kit	74 * 6	69-6000	Tube — Hydraulic	24 11 1
69-4240	Kit — Seal	21 11 1	69-6000	Tube — Hydraulic	86 49 1

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69-6020	Tube - Hydraulic	76 51 1	69-6890	Spacer - Spring	81 47 1
69-6030	Tube - Hydraulic	27 35 1	69-6900	Shaft - Hinge	83 14 1
69-6030	Tube - Hydraulic	86 46 1	69-6900	Shaft - Hinge	84 20 1
69-6040	Tube - Hydraulic	27 34 1	69-6910	Bracket - Support	84 11 1
69-6040	Tube - Hydraulic	86 50 1	69-6910	Bracket - Support	83 19 1
69-6050	Tube - Hydraulic	27 33 1	69-6920	Blade - 20	93 12 1
69-6050	Tube - Hydraulic	86 51 1	69-6960	Spacer - Idler	81 14 4
69-6060	Tube - Hydraulic	27 38 1	69-6960	Spacer - Idler	91 23 6
69-6060	Tube - Hydraulic	86 47 1	69-6970	Spacer - Idler	84 17 1
69-6070	Tube - Hydraulic	30 36 1	69-6970	Spacer - Idler	81 26 1
69-6070	Tube - Hydraulic	86 48 1	69-6980	Valve - Check	4 38 1
69-6080	Tube - Hydraulic	30 35 1	69-6990	Lever - Valve Mid.	19 * 1
69-6080	Tube - Hydraulic	86 52 1	69-7000	Lever - Valve R.H.	19 * 1
69-6100	Tube - Hydraulic Pressure	28 50 1	69-7010	Lever - Valve L.H.	19 5 1
69-6110	Hydraulic Tube Assembly	25 13 1	69-7040	Holder - Cup	11 13 1
69-6120	Tube - Hydraulic	30 16 1	69-7100	Support - Radiator Lower	44 24 1
69-6130	Tube - Hydraulic	30 15 1	69-7120	Grille - Upper	42 27 1
69-6140	Tube - Hydraulic	73 45 1	69-7150	Grille - Lower	42 23 1
69-6140	Tube - Hydraulic R.H.	85 * 1	69-7170	Clevis - Deck	90 10 2
69-6150	Tube - Hydraulic	73 46 1	69-7200	Tube - Vent	22 14 1
69-6150	Tube - Hydraulic R.H.	85 * 1	69-7210	Tube - Latch	88 5 2
69-6160	Tube - Hydraulic	73 11 1	69-7290	Mount - Ball Joint	80 5 2
69-6170	Tube - Hydraulic	73 21 1	69-7420	Axle - Rear	75 16 1
69-6170	Tube - Hydraulic L.H.	85 6 1	69-7570	Bracket - Front Engine	46 * 1
69-6180	Tube - Hydraulic	73 20 1	69-7580	Bracket - Front Engine	46 42 1
69-6180	Tube - Hydraulic L.H.	85 22 1	69-7650	Pedal - Traction	9 24 1
69-6190	Tube - Hydraulic	27 23 1	69-7700	Pedal - Brake	7 3 1
69-6200	Tube - Hydraulic	27 22 1	69-7700	Pedal - Brake	6 20 2
69-6240	Fitting - Hydraulic 90°	25 3 2	69-7720	Pawl - Brake	6 7 1
69-6250	Engine - Assembly	46 9 1	69-7740	Support - Steering Gear	4 21 1
69-6260	Magnet	11 6 1	69-7760	Link - Steering Gear	4 19 1
69-6260	Magnet - Cover	83 15 2	69-7790	Pin - Brake Arm	6 11 1
69-6260	Magnet - Cover	84 15 2	69-7810	Bracket - Valve	19 11 1
69-6260	Magnet - Cover	81 32 4	69-7840	Mount - Brake Arm	6 16 1
69-6260	Magnet - Cover	91 20 8	69-7880	Arm - Brake L.H.	6 23 1
69-6270	Fork - Castor	80 24 2	69-7890	Arm - Brake R.H.	6 2 1
69-6340	Plate - Motor Mounting R.H.	91 * 1	69-7920	Support - Lift Arm L.H.	78 27 2
69-6360	Plate - Motor Mounting L.H.	91 3 1	69-7940	Support - Lift Arm R.H.	78 4 2
69-6390	Plate - Gearbox	82 52 1	69-7960	Support - Axle	75 12 2
69-6420	Bar - Lift L.H.	90 18 1	69-8040	Arm - Throttle	18 4 1
69-6470	Bushing - Flange	89 5 8	69-8080	Cover - Tool Box	10 3 1
69-6470	Bushing - Flange	75 6 6	69-8110	Box - Tool	10 1 1
69-6470	Bushing - Flange	90 16 20	69-8160	Tower - Steering	4 31 1
69-6470	Bushing - Flange	80 26 4	69-8210	Support - Cover	11 26 1
69-6470	Bushing - Flange	78 29 4	69-8230	Bracket - Trim L.H.	43 17 1
69-6470	Bushing - Flange	85 30 4	69-8250	Bracket - Trim R.H.	43 20 1
69-6480	Bar - Lift R.H.	90 * 1	69-8290	Frame - Battery	72 33 1
69-6490	Plate - Tension	81 43 1	69-8390	Pulley - Spindle	93 4 1
69-6550	Arm - Tension	81 38 1	69-8410	Screw - Cap Hex. Hd.	46 34 4
69-6610	Arm - Idler	81 23 1	69-8420	Washer - Lock	46 35 4
69-6610	Idler Arm Assembly	84 27 1	69-8430	Hose - Hydraulic	44 18 2
69-6640	Hinge - Left Front	83 13 1	69-8440	Hose - Hydraulic	78 9 1
69-6670	Hinge - Left Rear	83 17 1	69-8440	Hose - Hydraulic	24 31 1
69-6690	Hinge - Right Front	84 28 1	69-8450	Hose - Hydraulic	44 30 1
69-6710	Hinge - Right Rear	84 23 1	69-8460	Fitting - Hydraulic Straight	47 55 2
69-6730	Skid	83 7 1	69-8470	Spring - Torsion	78 32 1
69-6730	Skid	90 21 4	69-8480	Spring - Compression	88 6 2
69-6730	Skid	84 29 1	69-8490	Bracket - Throttle Cable	46 36 1
69-6760	Shaft - Spindle	93 10 1	69-8500	Shim - Hinge Bracket	43 21 6
69-6780	Cover - Center Left	81 30 1	69-8510	Cover - Steering Tower	4 41 1
69-6790	Cover - Center Right	82 54 1	69-8520	Bracket - Hinge	43 28 2
69-6800	Cover - Inner L.H.	91 1 1	69-8590	Support - Radiator Upper	44 2 1
69-6810	Cover - Outer L.H.	91 16 1	69-8650	Cowl - Radiator	42 10 1
69-6820	Cover - Inner R.H.	91 * 1	69-8690	Support - Grille	42 15 1
69-6830	Cover - Outer R.H.	91 * 1	69-8750	Arm - Brake	7 1 1
69-6840	Cover - Right Wing	84 2 1	69-8790	Plate - Reinforcing	80 4 2
69-6850	Cover - Left Wing	83 22 1	69-8790	Plate - Reinforcing	90 4 2
69-6860	Washer - Castor	80 25 8	69-8830	Arm - Inside Castor	90 1 2
69-6860	Washer - Thrust	90 33 28	69-8860	Arm - Castor R.H.	80 7 1
69-6870	Plate - Magnet	84 3 2	69-8890	Cap - Spindle	75 13 2
69-6870	Plate - Magnet	91 18 8	69-8900	Spacer	28 52 2
69-6870	Plate - Magnet	83 21 2	69-8910	Washer	36 3 2

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69-8910	Washer	28 51 4	69-9761	Plate - Cover	85 13 1
69-8920	Washer	30 4 4	69-9761	Plate - Cover	30 14 5
69-8930	Washer	27 26 4	69-9761	Plate - Cover	24 43 3
69-8940	Washer	27 5 12	69-9761	Plate - Cover	47 78 1
69-8940	Washer	85 16 20	69-9800	Tire	32 28 2
69-8950	Spacer	30 5 2	69-9810	Joint - Ball	77 2 1
69-8960	Spacer	27 27 2	69-9880	Tire	75 22 2
69-8970	Spacer	85 17 10	69-9940	Nut - Jam	32 40 4
69-8970	Spacer	27 31 6	69-9950	Spring - Extension	32 37 4
69-8980	Washer	30 30 8	69-9960	Link	32 36 4
69-8990	Spacer	30 33 4	69-9970	Stud	32 35 4
69-9000	Spacer	85 9 4	69-9980	Ball	32 39 6
69-9010	Washer	85 10 8	69-9990	Disc - Actuating	32 38 4
69-9020	Nut - Special	37 26 1	70-2800	Pulley Assembly	50 2 1
69-9030	Post - Neutral Device	9 14 1	70-2810	Spring - Return	50 14 2
69-9040	Cam - Neutral Device	37 31 1	70-2820	Bolt	62 21 2
69-9050	Bar - Neutral Device	37 45 1	70-2830	Bolt	62 20 3
69-9070	Bracket - Clamp	47 58 1	70-2830	Bolt - Cap Hex. Hd.	61 17 2
69-9100	Washer - Latch	88 7 2	70-2840	Bolt	62 17 1
69-9110	Rod - Engine Run Solenoid	46 49 1	70-2850	Bolt	51 22 2
69-9120	Rod - Hood Prop	72 5 1	70-2850	Bolt	63 42 4
69-9130	Bracket - Throttle	18 11 1	70-2860	Bolt	52 17 4
69-9140	Link - Valve Lever	19 6 3	70-2860	Bolt	51 33 1
69-9150	Shaft - Valve Lever	19 9 1	70-2870	Bolt	54 1 4
69-9180	Pin - Cylinder	78 17 2	70-2880	Bolt	56 6 4
69-9190	Bushing - Cylinder	85 38 2	70-2890	Bolt	51 15 2
69-9190	Tube - Cylinder Bushing	78 15 2	70-2890	Bolt	55 34 1
69-9200	Pin - Brake Pawl	6 8 1	70-2900	Bolt	58 18 11
69-9210	Lever - Brake Latch	6 4 1	70-2900	Bolt	51 19 1
69-9220	Support - Tube Clamp	25 17 2	70-2910	Bolt	51 4 1
69-9230	Shaft - Steering Pivot	4 2 1	70-2920	Bolt	51 20 3
69-9240	Roller - Cam	89 16 2	70-2930	Bolt	52 19 9
69-9250	Shaft - Roller	89 18 2	70-2930	Bolt	53 22 4
69-9260	Pin - Clevis	80 29 2	70-2940	Bolt	48 12 2
69-9290	Pad - Bumper	81 17 2	70-2950	Stud	51 30 4
69-9300	Cushion - Rubber	89 8 2	70-2960	Nut	62 23 2
69-9300	Cushion - Rubber	85 34 2	70-2970	Nut	54 4 8
69-9300	Cushion - Rubber	28 41 2	70-2980	Nut	62 39 4
69-9310	Plate - Lever	14 20 1	70-2990	Washer	52 3 1
69-9330	Cover	30 1 1	70-2990	Washer	51 16 1
69-9340	Rod - Brake	7 15 1	70-2990	Washer	57 28 4
69-9350	Bracket - Hood Prop Rod	72 2 1	70-2990	Washer	62 30 4
69-9360	Bracket - Fuel Filter	46 53 1	70-3000	Pin	55 4 2
69-9370	Louver - Top	42 6 2	70-3010	O-Ring	60 23 1
69-9390	Shaft - Pedal	9 11 1	70-3020	Ring	56 20 8
69-9400	Bracket - Hose Support	76 49 1	70-3030	Tube	57 4 1
69-9420	Muffler	46 11 1	70-3040	Hose	61 14 1
69-9430	Foam - Tool Box	10 2 1	70-3050	Bolt	54 28 1
69-9440	Panel - Steering Tower	4 4 1	70-3060	Gasket	61 1 2
69-9450	Bracket - Wing Hose L.H.	85 7 1	70-3070	Gasket	57 33 1
69-9460	Bracket - Wing Hose R.H.	85 * 1	70-3080	Gasket	55 23 1
69-9470	Cover - Access	28 63 1	70-3090	Clamp	57 3 1
69-9480	Bracket - Neutral Device	37 28 1	70-3090	Clamp - Hose	61 13 2
69-9520	Panel - Rear	43 9 1	70-3100	Plug	53 13 1
69-9530	Bracket - Air Cleaner	46 29 1	70-3110	Plug - Drain	58 11 1
69-9540	Bracket - Steering Gear	4 18 1	70-3120	Plug	55 22 1
69-9550	Plate - Adapter	46 31 1	70-3130	Gasket	59 4 1
69-9560	Housing - Control	11 1 1	70-3140	Pipe	62 36 1
69-9570	Front Lift Arm Assy. R.H.	78 43 1	70-3150	Pipe	62 37 1
69-9580	Front Lift Arm Assy. L.H.	78 39 1	70-3160	Screw	54 5 8
69-9650	Screen - Cowl	42 9 2	70-3170	Nut	56 11 1
69-9680	Shaft - Latch	88 10 2	70-3180	Clamp	62 18 3
69-9700	Mount - Rubber	90 5 8	70-3190	Clamp	62 19 3
69-9710	Nut - Lock	47 63 4	70-3200	Washer	63 50 1
69-9720	Strip - Sealing	42 28 2	70-3210	Packing	63 48 4
69-9721	Strip - Sealing	42 18 3	70-3220	O-Ring	57 2 1
69-9722	Trim - Sealing	42 35 1	70-3230	Plug	58 14 1
69-9723	Seal - Hood Bottom	43 15 2	70-3230	Plug	53 15 1
69-9724	Seal - Hood Front	43 29 1	70-3240	Plug	63 51 1
69-9730	Switch - Toggle	14 18 1	70-3250	Bolt	63 47 2
69-9740	Switch - Toggle	14 14 1	70-3260	Armature Assembly	49 12 1
69-9760	Plate - Cover	30 10 3	70-3270	Spring - Brush	49 18 4
69-9761	Plate - Clamp	72 36 1	70-3280	Cover Assembly Front	49 6 1

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70-3290	Brush Holder Assembly	49 17 1	70-4000	Plate - 0.9	64 * A/R
70-3300	Yoke Assembly	49 19 1	70-4010	Plate - 1.0	64 * A/R
70-3310	Bolt Set	49 14 1	70-4020	Plate - 1.1	64 * A/R
70-3320	Bearing	50 8 1	70-4030	Plate - 1.2	64 * A/R
70-3330	Bearing	49 13 1	70-4040	Plate - 1.3	64 * A/R
70-3340	Connector	61 11 1	70-4050	Plate - 1.4	64 * A/R
70-3340	Connector	57 34 1	70-4060	Plate - 0.1	64 * A/R
70-3350	Cap	55 11 6	70-4070	Plate - 0.2	64 * A/R
70-3360	Cap	53 16 4	70-4080	Plate - 0.3	64 * A/R
70-3370	Cap	55 25 3	70-4090	Plate - 0.4	64 * A/R
70-3380	Cap	53 19 15	70-4100	Plate - 0.5	64 * A/R
70-3390	Plug	53 17 4	70-4110	Plate - 0.15	64 * A/R
70-3400	Plug	55 6 6	70-4120	Capsule	66 30 1
70-3410	Plug	55 13 1	70-4130	Housing	66 3 1
70-3420	Clip	57 5 1	70-4140	Stopper	66 27 1
70-3430	Clamp - Hose	61 5 3	70-4150	Gasket	66 6 1
70-3440	Clamp - Hose	61 9 1	70-4160	Gasket	66 1 1
70-3450	V-Belt	51 1 1	70-4170	Flyweight Assembly	67 71 1
70-3460	Washer	62 40 8	70-4180	Nut	67 69 1
70-3470	Washer - Drain Plug	58 10 1	70-4190	Sleeve	67 68 1
70-3480	Stud	61 4 6	70-4200	Plate	67 67 1
70-3490	Cover	65 41 1	70-4210	Plate	66 8 1
70-3500	Holder	65 50 4	70-4220	Swiveling Lever Assembly	66 12 1
70-3510	Stopper	65 49 4	70-4230	Bushing	66 21 2
70-3520	Spring	65 48 4	70-4240	E-Ring	67 59 1
70-3530	Gasket	65 46 4	70-4250	Tension Lever Assembly	66 19 1
70-3540	Valve Assembly	65 45 4	70-4260	Adapter Assembly	67 * 1
70-3550	Element Assembly	65 44 4	70-4270	Screw	67 60 1
70-3560	Pinion	64 12 4	70-4280	Spring	67 62 1
70-3570	Screw	64 11 4	70-4290	Adapter	67 63 1
70-3580	Sleeve	64 13 4	70-4300	Nut	67 58 1
70-3590	Seat	64 14 4	70-4310	Nut	66 32 1
70-3600	Spring	64 15 4	70-4320	Lever Assembly	66 17 1
70-3610	Seat	64 16 4	70-4330	Bushing	66 38 1
70-3620	Body	64 19 4	70-4340	Shackle Assembly	66 18 1
70-3630	Tappet Assembly	65 * 1	70-4350	Shaft	66 24 1
70-3640	Pin	64 18 4	70-4360	Plug	66 23 2
70-3650	Bushing	64 20 4	70-4370	Spring	66 13 1
70-3660	Roller	64 21 4	70-4380	Spring	66 16 1
70-3670	Plug	64 22 4	70-4390	Screw	67 56 1
70-3680	Camshaft	65 30 1	70-4400	Cover	66 25 1
70-3690	Ring	64 8 1	70-4410	Pin	67 57 1
70-3700	Ring	65 38 1	70-4420	Bushing	67 53 1
70-3710	Plate - 0.10	64 7 A/R	70-4430	Screw	67 73 1
70-3720	Plate - 0.12	64 * A/R	70-4440	Nut	66 33 1
70-3730	Plate - 0.14	64 * A/R	70-4450	Nut	66 34 1
70-3740	Plate - 0.16	64 * A/R	70-4460	Plate	66 45 1
70-3750	Plate - 0.18	64 * A/R	70-4470	Lever	67 55 1
70-3760	Plate - 0.50	64 * A/R	70-4480	Shaft	67 54 1
70-3770	Plate - 0.30	64 * A/R	70-4490	Cup	66 49 1
70-3780	Plate - 0.1	65 37 A/R	70-4500	Spring	66 46 1
70-3790	Plate - 0.15	65 * A/R	70-4510	Spring	66 48 1
70-3800	Plate - 0.3	65 * A/R	70-4520	Spring	66 47 1
70-3810	Plate - 0.5	65 * A/R	70-4530	Cover	66 51 1
70-3820	Cover	65 35 1	70-4540	Slider	67 64 1
70-3830	Gasket	65 31 1	70-4550	Plate	66 40 1
70-3840	Rack	64 2 1	70-4560	Adjusting Lever Assembly	66 43 1
70-3850	Screw	65 42 1	70-4570	Stop Lever Assembly	66 50 1
70-3860	Washer	64 3 2	70-4580	Cap	66 20 1
70-3870	Washer	65 40 2	70-4590	Plug	66 5 1
70-3870	Washer	68 12 4	70-4600	Housing Assembly	68 11 1
70-3880	Plate	64 1 2	70-4610	Valve	68 5 2
70-3890	Washer	66 31 2	70-4620	Spring	68 4 2
70-3900	Packing	64 9 2	70-4630	Gasket	68 3 2
70-3910	Washer	65 25 2	70-4640	Support	68 20 1
70-3920	Cover Assembly	65 * 1	70-4650	Pump Assembly	68 2 1
70-3930	Gasket	64 5 1	70-4660	Rod, Blue Small Dia.	68 19 A/R
70-3940	Plate	65 28 2	70-4670	Rod, Red Small Dia.	68 * A/R
70-3950	Screw	64 10 2	70-4680	Rod, Yellow Small Dia.	68 * A/R
70-3960	Valve	64 4 1	70-4690	Rod, Green Small Dia.	68 * A/R
70-3970	Plate - 0.6	64 17 A/R	70-4700	Rod, White Small Dia.	68 * A/R
70-3980	Plate - 0.7	64 * A/R	70-4710	Rod, Brown Big Dia.	68 * A/R
70-3990	Plate - 0.8	64 * A/R	70-4720	Piston	68 18 1

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70-4730	Tappet	68 7 1	70-5401	Ring Set - O.S. 0.25mm	56 * 4
70-4740	Roller	68 8 1	70-5402	Ring Set - O.S. 0.50mm	56 * 4
70-4750	Pin	68 10 1	70-5410	Pin	56 21 4
70-4760	Block	68 6 2	70-5420	Nut	56 10 8
70-4770	Spring	68 17 1	70-5430	Bearing - Rod (Std.)	56 8 8
70-4780	Plug	68 15 1	70-5431	Bearing - Rod U.S. 0.25mm	56 * 4
70-4790	Filter	68 13 1	70-5432	Bearing - Rod U.S. 0.50mm	56 * 4
70-4800	Screw	68 14 1	70-5433	Bearing - Rod U.S. 0.75mm	56 * 4
70-4810	Body Assembly	62 8 4	70-5440	Pulley	56 13 1
70-4820	Pin	62 5 4	70-5450	Idler Assembly	52 9 1
70-4830	Spring	62 6 4	70-5460	Gasket	59 9 1
70-4840	Nut	62 1 4	70-5470	Manifold	59 10 1
70-4850	Washer 2.15 mm	62 * A/R	70-5480	Pipe - Oil	61 16 1
70-4860	Washer 1.00 mm	62 7 A/R	70-5490	Pipe - Oil	61 15 1
70-4870	Washer 1.05 mm	62 * A/R	70-5500	Strainer	57 31 1
70-4880	Washer 1.10 mm	62 * A/R	70-5510	Gasket	57 19 1
70-4890	Washer 1.275 mm	62 * A/R	70-5520	Union	57 22 1
70-4900	Washer 1.325 mm	62 * A/R	70-5530	Bracket Assembly	57 23 1
70-4910	Washer 1.775 mm	62 * A/R	70-5540	Oil Filter Assembly	57 * 1
70-4920	Washer 0.95 mm	62 * A/R	70-5550	Gasket	57 20 1
70-4930	Packing	62 4 4	70-5560	Gage	58 13 1
70-4940	Housing Assembly	65 43 1	70-5570	Breather	57 1 1
70-4950	Hose - 90° Elbow	61 8 1	70-5570	Breather	53 21 1
70-4960	Clamp - R	61 21 1	70-5580	Stay	57 6 1
70-4970	Gasket	61 19 1	70-5590	Connector	51 41 1
70-4980	Bolt - Cap Hex Hd.	61 2 1	70-5600	Water Pump Assembly	51 5 1
70-4990	Spring	54 17 8	70-5610	Impeller	51 11 1
70-5000	Retainer	54 18 8	70-5620	Connector	51 9 1
70-5010	Tappet	54 11 8	70-5630	Shaft	51 26 1
70-5020	Gear - Camshaft	52 8 1	70-5640	Bracket	51 12 1
70-5020	Gear - Camshaft	54 22 1	70-5650	Gasket	51 7 1
70-5030	Pipe	57 35 1	70-5660	Gasket	51 17 1
70-5040	Hose	51 43 1	70-5670	Stay	51 13 1
70-5050	Cover	51 39 1	70-5680	Pulley	51 29 1
70-5060	Joint	62 27 1	70-5690	Elbow	51 36 1
70-5070	O-Ring	62 35 1	70-5700	Fuel Feed Pump	62 25 1
70-5080	Bushing	54 6 8	70-5710	Fuel Filter Assembly	63 * 1
70-5090	Gasket	53 20 1	70-5720	Bracket	63 49 1
70-5100	Gasket	57 7 1	70-5730	Filter Element Assembly	62 38 1
70-5110	Washer	54 31 2	70-5740	Plate	48 2 1
70-5120	Bolt	57 32 1	70-5750	Bracket	48 10 1
70-5130	Gasket	53 11 1	70-5760	Alternator Assembly	48 1 1
70-5140	Plug	53 5 1	70-5770	Lever	62 22 1
70-5150	Rocker Assembly - Intake	54 32 4	70-5780	Seal	52 13 1
70-5160	Rocker Assembly - Exhaust	54 27 4	70-5790	Case	52 4 1
70-5170	Pipe	54 29 1	70-5800	Pin	56 7 2
70-5180	Rocker Shaft Assembly	54 8 1	70-5810	Plate	56 14 1
70-5190	Spring	54 7 3	70-5820	Cone	56 12 1
70-5200	Bracket	54 33 4	70-5830	Gear - Crankshaft	52 12 1
70-5230	Rod - Push	54 10 8	70-5840	Oil Pump Assembly	57 14 1
70-5240	Seal	55 15 4	70-5850	Cover	57 18 1
70-5250	Plate	55 31 1	70-5860	Starter Assembly	48 7 1
70-5260	Gasket	55 39 1	70-5870	Insert - Exhaust	53 9 4
70-5270	Cover	57 8 1	70-5880	Insert - Inlet	53 10 4
70-5280	Sleeve	55 41 4	70-5890	Flange	53 6 1
70-5290	Hanger	55 40 1	70-5900	Cylinder Head Assembly	53 8 1
70-5300	Bolt	55 19 10	70-5910	Valve - Inlet	54 20 4
70-5310	Fitting - 90° Elbow	61 12 1	70-5920	Valve - Exhaust	54 19 4
70-5320	Pin	55 30 2	70-5930	Spring	54 16 8
70-5330	Gasket	58 5 1	70-5940	Camshaft	54 21 1
70-5340	Valve	55 32 4	70-5950	Connector	55 12 1
70-5350	Bearing - Main (Std.)	55 14 10	70-5960	Crankcase Assembly	55 1 1
70-5351	Bearing - Main U.S. 0.25mm	55 14 10	70-5970	Housing	58 1 1
70-5352	Bearing - Main U.S. 0.50mm	55 14 10	70-5980	Piston (Std.)	56 22 4
70-5353	Bearing - Main U.S. 0.75mm	55 14 10	70-5981	Piston - O.S. 0.25mm	56 * 4
70-5360	Plate - Thrust (Std.)	55 20 3	70-5982	Piston - O.S. 0.50mm	56 * 4
70-5361	Plate - Thrust O.S. 0.15mm	55 20 3	70-5990	Connecting Rod - Std.	56 1 4
70-5362	Plate - Thrust O.S. 0.30mm	55 20 3	70-6000	Bushing	56 2 4
70-5363	Plate - Thrust O.S. 0.45mm	55 20 3	70-6010	Bolt	56 19 8
70-5370	Gasket	52 5 1	70-6020	Crankshaft Assembly	56 18 1
70-5380	Pan - Oil	58 7 1	70-6030	Flywheel Assembly	56 4 1
70-5390	Gasket	58 6 1	70-6040	Gear - Injection Pump	52 11 1
70-5400	Ring Set - Std.	56 23 4	70-6050	Manifold	59 5 1

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70-6070	Pipe	61 7 1	70-6780	Nut	65 33 1
70-6080	Hose	61 6 1	70-6790	Packing	66 28 1
70-6090	Elbow	59 3 1	70-6800	E-Ring	64 23 4
70-6100	Pipe - No. 2	62 12 1	70-6810	E-Ring	66 11 2
70-6110	Pipe - No. 4	62 14 1	70-6820	Ring	68 9 1
70-6120	Pipe	63 41 1	70-6830	Pin	62 3 8
70-6130	O-Ring	62 33 1	70-6840	Bearing	65 36 1
70-6140	Washer	63 43 4	70-6850	Bearing	64 6 2
70-6150	Gasket	63 45 4	70-6860	Key	66 14 1
70-6160	Nozzle Assembly	63 46 4	70-6870	Key	66 2 1
70-6170	Nozzle Tip Assembly	62 2 4	70-6880	Key	65 29 1
70-6180	Injection Pump	62 26 1	70-6890	O-Ring	66 52 1
70-6190	Pipe - No. 1	62 11 1	70-6900	O-Ring	65 26 1
70-6200	Pipe - No. 3	62 13 1	70-6910	O-Ring	65 47 4
70-6210	Flange	62 34 1	70-6920	Seal	66 44 1
70-6220	Gland	63 44 4	70-6930	Screw	64 24 1
70-6230	Coupling Assembly	60 17 1	70-6940	Screw	68 1 1
70-6240	Gasket	61 10 1	70-6940	Screw	65 39 1
70-6250	Gasket	59 11 1	70-6990	Level Sensing Unit Assembly	22 2 1
70-6250	Gasket	61 20 1	71-0060	Support - Foam	43 8 1
70-6260	Plate	60 21 1	71-0210	Foam - Radiator Seal	44 13 1
70-6270	O-Ring	60 7 1	71-0220	Foam - Louver Lower	42 11 1
70-6280	Deflector	60 9 1	71-0230	Foam - Louver Middle	42 7 1
70-6290	Insert	60 8 1	71-0240	Foam - Louver Top	42 5 2
70-6300	Ring	60 6 1	71-0250	Foam - Hood Top	43 2 1
70-6310	Ring	60 10 1	71-0260	Foam - Hood Side L.H.	43 3 1
70-6320	Wheel	60 5 1	71-0270	Foam - Hood Side R.H.	43 1 1
70-6330	Nut	60 4 1	71-0280	Foam - Cowl Top	42 3 1
70-6340	Cover	60 3 1	71-0290	Foam - Cowl Bottom	42 29 1
70-6350	Ring	60 20 1	71-0300	Foam - Low Front Cowl L.H.	42 17 1
70-6360	Plate	60 2 1	71-0310	Foam - Low Front Cowl R.H.	42 * 1
70-6370	Bearing	60 14 2	71-0320	Foam - Low Rear Cowl R.H.	42 * 1
70-6380	Bearing	60 12 1	71-0330	Foam - Low Rear Cowl L.H.	42 30 1
70-6390	Ring	60 15 2	71-0340	Foam - Rad. Support L.H.	44 36 1
70-6400	Ring	60 18 1	71-0350	Foam - Rad. Support R.H.	44 1 1
70-6410	Sleeve	60 11 1	71-0360	Foam - Rad. Support Top	44 3 1
70-6420	Ring	60 13 1	71-0370	Foam - Lower Rad. Support	44 34 2
70-6430	Turbocharger Assembly	59 12 1	71-0380	Foam - Rad. Support Front	44 42 1
70-6440	Cartridge Assembly	60 * 1	71-0390	Foam - Rad. Support Rear	44 44 1
70-6450	Housing	60 16 1	71-0400	Foam - Side Panel	43 14 2
70-6460	Bearing Housing Assembly	60 22 1	71-0410	Cover - Abrasive	10 4 1
70-6470	Shaft & Turbine Wheel Assy.	60 19 1	71-0420	Floor - Abrasive	28 66 1
70-6480	Pin	66 15 1	71-0430	Cover - Abrasive	28 64 1
70-6490	Ring	67 66 1	71-0440	Abrasive - Pedal Front	9 25 1
70-6500	O-Ring	66 37 1	71-0450	Abrasive - Pedal Rear	9 29 1
70-6510	O-Ring	66 22 2	71-0470	Disc - Middle	32 19 4
70-6520	Bolt	66 10 1	71-0480	Suspension Assembly	3 * 1
70-6520	Bolt & Washer	66 29 3	71-0540	Column - Steering	4 27 1
70-6530	Bolt	66 7 5	71-2170	Pin	3 22 1
70-6540	Bolt	65 32 4	71-2180	Bearing	3 2 4
70-6550	Bolt	66 9 1	71-2190	Pin	3 3 1
70-6560	Nut	67 72 2	71-2200	Bracket - Swing Arm	3 33 1
70-6570	Washer - 0.1	67 61 A/R	71-2210	Pin	3 13 1
70-6580	Washer - 0.25	67 * A/R	71-2220	Pin	3 16 1
70-6590	Washer - 0.5	67 * A/R	71-2230	Ring - Snap	3 14 1
70-6600	Washer - 0.2	67 * A/R	71-2240	Knob Assembly	3 15 1
70-6610	Washer - 0.2	67 65 A/R	71-2250	Bracket - Spring	3 18 1
70-6620	Washer - 0.3	67 * A/R	71-2260	Spring	3 27 2
70-6630	Washer - 0.4	67 * A/R	71-2270	Nut - Special	3 23 1
70-6640	Washer - 0.1	67 * A/R	71-2280	Band - Weight Indicator	3 10 1
70-6650	Washer - 1.0	67 * A/R	71-2290	Bearing - Triple	3 4 1
70-6660	Washer - 1.0	67 * A/R	71-2300	Bumper	3 9 2
70-6670	Washer	67 70 1	71-2310	Plate - Lower Suspension	3 8 1
70-6680	Washer	65 34 1	71-2320	Pin	3 21 2
70-6690	Washer	66 35 2	71-2330	Ring - Snap	3 19 2
70-6700	Washer	68 16 1	71-2340	Absorber - Shock	3 20 1
70-6710	Washer	66 4 1	71-2380	Washer	2 7 2
70-6720	Stud	65 27 3	71-2390	Rivet - Pop	2 8 2
70-6730	Bolt	66 42 1	71-2400	Assembly - Bumper	2 6 2
70-6740	Bolt	66 26 2	71-2410	Plate - Upper Suspension	2 5 1
70-6750	Bolt	66 41 4	71-2420	Bellows - Rubber	2 12 1
70-6760	Bolt & Washer	66 39 2	71-2430	Plate - Rear	11 16 1

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71-2470	Rim	32 29 2	76-1880	10 Segmented Tire Assy.	94 3 1
71-2530	Bearing Assembly	93 6 1	76-1890	13 Segmented Tire Assy.	94 5 1
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71-2560	Support — Bulkhead	30 38 2	76-2060	V-Belt	84 * 1
71-2570	Shaft — Pivot	78 3 1	76-2060	V-Belt	91 * 6
71-2580	Shaft — Lift Arm Pivot	85 26 2	76-2750	Hydraulic Hose Assembly	81 2 1
71-2590	Shaft — Pivot	75 5 1	76-2760	Hydraulic Hose Assembly	81 1 1
71-2590	Shaft — Pivot	78 24 1	76-2770	Hydraulic Hose Assembly	81 6 1
71-2600	Tube — Anti — Sway	89 11 2	76-4590	Screw	34 16 6
71-2610	Shaft — Deck Pivot	90 15 2	76-4590	Screw	40 27 6
71-2620	Shaft — Lift Arm Elbow	89 23 2	76-4600	Gasket — Cover	40 38 1
71-2630	Solenoid Valve Assembly	28 * 1	76-4600	Gasket — Front Cover	34 26 1
71-2680	Hose — Vent	23 31 1	76-4610	Cover	40 33 1
71-2680	Hose — Vent	45 53 1	76-4610	Cover — Front	34 15 1
71-2690	Hose — Fuel	70 7 1	76-8750	Plate — Caution	44 45 2
71-3810	Coupling — Hydraulic Motor	32 34 2	77-0950	Washer — Castor	90 41 8
71-3830	Bellcrank — Brake	36 21 2	77-2830	Rod — Spring	81 44 1
71-3850	Cover — Housing	36 15 2	77-2990	Cable — Throttle	18 8 1
71-3860	Clevis	36 28 2	77-5390	Tank — Hydraulic	23 4 1
71-3870	Gasket	36 14 2	80-0010	Tank — Fuel	22 11 1
71-3880	Clevis — Brake Cable	32 15 2	80-0130	Cable — Negative	72 11 1
71-3880	Clevis — Brake Cable	36 23 2	80-0160	Tray — Battery	72 18 1
71-3900	Gasket	36 25 2	80-4890	Decal — Service	11 32 1
71-3910	Collar	36 34 2	80-9330	Alarm — Audio	11 3 1
71-3990	Cap — Brake Housing	32 20 2	82-2560	Decal — Belt Routing	81 39 1
71-4010	Housing — Brake	32 13 2	82-4910	Roller	83 27 1
71-4060	Rod — Brake Latch	4 40 1	82-4910	Roller	84 36 1
71-4130	Support — Control	11 17 1	82-6330	Cowl — Radiator, Optional	42 * 1
71-4170	Switch — Toggle	14 19 1	82-7820	Seat — Brake, Tube	36 13 2
71-4200	Cluster — Warning Light	13 6 1	82-7830	Screw — Bleed, Brake	36 11 2
71-4210	Cluster — Warning Light	13 4 1	82-7840	Piston — Brake	36 7 2
71-4230	Panel	13 3 1	82-7850	Spring — Compression	36 4 2
71-4250	Spacer	13 20 2	82-7900	Shaft — Arm	89 34 2
71-4260	Decal — H.O.C.	91 28 2	82-7930	Arm — Anti-Sway L.H.	89 14 1
71-4260	Decal — H.O.C.	82 56 1	82-7940	Arm — Anti-Sway R.H.	89 * 1
71-4280	Sending Unit — Oil Pressure	47 61 1	82-9060	Track & Latch — Adjustment	2 4 1
72-4070	Decal — Danger	33 47 2	83-4330	Assy. — Tube, Traction LH	28 82 1
72-4080	Decal — Danger	72 37 1	83-4330	Tube — Hydraulic L.H.	32 8 1
72-4080	Decal — Danger	28 71 2	83-4340	Assy. — Tube, Traction RH	28 83 1
72-4310	Switch — Ball	78 11 1	83-4340	Tube — Hydraulic R.H.	32 * 1
72-4310	Switch — Lift	85 32 2	83-6630	Shim — Switch	1 5 1
72-9550	Stud — Fuel Tank	22 17 1	83-6640	Sensor — Switch	1 8 1
72-9760	Switch	14 15 2	83-6660	Support — Seat	2 11 1
74-0720	Tube — Manual	2 1 1	83-6690	Plate — Seat	1 15 1
74-2170	Cylinder — Lift	86 43 2	83-6700	Plate — Suspension	1 9 1
74-2180	Ring — Steel	87 9 1	83-8350	Fitting — Traction, L.H.	27 20 1
74-2190	Cushion	87 10 1	83-8360	Fitting — Traction, R.H.	28 73 1
74-2200	Head	87 4 1	83-8370	Plate — Clamp	28 74 1
74-2210	Piston	87 12 1	85-4750	Display — Diagnostic	12 2 1
74-2220	Collar	87 2 1	85-6140	Spring	1 16 1
74-2230	Shaft/Clevis	87 1 1	85-6150	Tube — Hyd. R.H. Branch	32 * 1
74-2270	Fitting — Suction	25 23 1	85-6150	Tube — Hydraulic	27 30 1
74-2340	Decal — Fuse	14 22 1	85-6160	Pin — Spring	1 10 1
74-2510	Tube — Hydraulic L.H.	7 13 1	85-6190	Link — Deck Tilt	27 1 1
74-2520	Tube — Hydraulic R.H.	7 14 1	85-6210	Bracket — Rear Eng. Mount	46 37 2
74-2530	Tube — Hydraulic	7 11 1	85-6230	Assembly — Solenoid Valve	71 * 1
74-2660	Hose — Hydraulic Return	24 34 1	85-6230	Solenoid — Engine Run	46 45 1
74-2680	Bracket — Bulkhead	86 45 1	85-6260	Level Sensing Unit	23 3 1
74-2700	Rod — Control	9 16 1	85-6280	Spring — Return	71 3 1
74-2710	Clamp Half — Hydraulic Line	89 2 4	85-6290	Boot — Rubber	71 2 1
74-2730	Tube — Clamp	89 31 4	85-6300	Assembly — Plunger	71 1 1
74-2750	Retainer — Clamp	89 32 2	86-7350	Seal Repair Kit	87 * 1
75-0540	Tether — Cap, Reservoir	23 27 1	86-7350	Seal Repair Kit	79 * 1
75-2080	Kit — Seal	21 2 2	86-7410	Plate — Gage	13 5 1
75-9460	Bracket — Sealing L.H.	42 19 1	86-7480	Spring — Compression	81 48 1
75-9470	Bracket — Sealing R.H.	42 25 1	86-8100	Joint — Ball	88 19 2
75-9480	Bracket — Sealing Bottom	42 22 1	86-8100	Joint — Ball	78 37 2
75-9670	Fork — Castor	90 32 8	86-8101	Joint — Ball	88 22 2
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76-0980	Pipe — Exhaust	46 10 1	88-6770	Stud — Ball	43 18 2
76-1670	Spring — Extension	84 25 1	88-6770	Stud — Ball	45 56 2

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88-9270	Bracket - Roller LH	83 29 1	93-7177	Assy. - Tube, Traction L.H.	27 19 1
88-9420	Wire Harness Assembly	11 * 1	93-7177	Tube - Hydraulic, LH	33 50 1
88-9430	Decal - Fuse	11 5 1	93-7178	Assy. - Tube, Traction R.H.	27 21 1
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92-1179	Cushion - Seat	1 17 1	93-7179	Tube - Hydraulic	30 27 1
92-1180	Assembly - Seat	1 1 1	93-7187	Yoke - Engine End	37 8 1
92-1741	Tube - Hydraulic	32 42 1	93-7188	Shaft - Slip Yoke	37 6 1
92-1742	Tube - Hydraulic	24 40 1	93-7189	Yoke - Pump End	37 3 1
92-1742	Tube - Hydraulic L.H.	32 12 1	93-7190	Kit - Universal Joint	37 7 2
92-1753	Coupling - Spring Centering	46 26 1	93-7191	Tube - Slip Yoke	37 4 1
92-1771	Board - Instrument	13 16 1	93-7192	Hose - Diagnostic	28 81 1
92-1772	Hood Assembly	43 4 1	93-7192	Hose - Hydraulic Diagnostic	21 25 1
92-1792	Repair Kit	77 * 1	93-7193	Hose - Diagnostic	28 70 1
92-2351	Fitting - Tank Return	24 36 1	93-7193	Hose - Hydraulic Diagnostic	29 7 1
92-2352	Hose - Hydraulic	24 35 1	93-7417	Gasket	36 33 2
92-2362	Castor Wheel Assembly	80 23 2	93-7418	Cap - Actuator	36 36 2
92-3047	Valve - Solenoid	28 62 1	93-7422	Hose - Hydraulic	27 11 1
92-3048	Solenoid Coil Kit	28 54 3	93-7422	Hose - Hydraulic Diagnostic	29 5 1
92-3049	Valve Seal Kit	28 * 1	93-7423	Hose - Diagnostic	73 44 2
92-3071	Spool - Solenoid Valve	73 25 3	93-7423	Hose - Hydraulic Diagnostic	29 9 2
92-4087	Decal - Diagnostic V2.0	12 1 1	93-7424	Hose - Diagnostic	28 69 1
92-4094	Roller - Latch	88 16 4	93-7424	Hose - Hydraulic	37 50 1
92-4804	Block - Latch Pivot	88 11 2	93-7425	Hose - Hydraulic Diagnostic	29 10 1
92-4805	Cam - Spring Trip	88 21 2	93-7426	Tube - Hydraulic	27 39 1
92-4806	Pin - Latch	78 30 1	93-7426	Tube - Hydraulic	78 44 1
92-4806	Pin - Latch	88 13 8	93-7427	Tube - Hydraulic	78 47 1
92-4807	Tube - Hyd. R.H. Run	32 * 1	93-7634	Cover - Front	92 4 1
92-4807	Tube - Hydraulic	24 4 1	93-7637	Key - Square	92 13 1
92-4967	Tube - Hydraulic	27 9 1	93-7639	Cover - Rear	92 11 1
92-4967	Tube - Hydraulic	21 17 1	93-7640	Section - Center	92 9 1
92-4970	Hose - Hydraulic	23 37 1	93-7641	Gear - Drive	92 12 1
92-4970	Hose - Hydraulic	28 80 1	93-7642	Gear - Driven	92 10 1
92-4971	Hydraulic Cylinder Assembly	78 7 2	93-8457	Hex.-Belt - Deck Drive	82 * 1
92-4997	Cable - Positive	72 12 1	93-8493	Kit - Seal	92 * 1
92-5720	Controller	11 22 1	93-9320	Plate - Valve L.H.	40 40 1
92-7301	Spacer	1 19 2	93-9321	Plug - Orifice	41 75 1
92-8003	Housing - Actuator, R.H.	36 12 1	93-9322	Variable Displacement Pump	37 1 1
92-8004	Housing - Actuator, L.H.	36 * 1	93-9324	Pivot - Idler	84 41 1
92-8661	Tab	11 34 3	93-9324	Pivot - Idler	82 61 1
92-8664	Lift Arm Assembly L.H.	85 33 1	93-9337	Bracket - Switch	7 28 1
92-8665	Lift Arm Assembly R.H.	85 * 1	93-9337	Bracket - Switch	37 35 1
92-8753	Catch - Magnetic	1 6 1	93-9912	Grommet	89 30 2
92-9701	Shaft - Cruise Control	9 3 1	93-9917	Asm. - Hose, Hydraulic	91 9 2
92-9730	Cap - End	5 18 1	93-9918	Asm. - Hose, Hydraulic	91 8 2
92-9732	Plate - Wear	5 14 1	93-9919	Asm. - Hose, Hydraulic	91 29 2
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92-9748	Valve - Power Steering	4 28 1	93-9925	Lift Arm Assembly R.H.	89 * 1
92-9749	Seal Kit	5 * 1	93-9926	Lift Arm Assembly L.H.	89 25 1
92-9800	Spacer - Spindle	93 11 1	93-9928	Clamp - Hose	89 28 2
93-0307	Nut - Retainer	76 53 2	93-9941	Arm - Outer Lift R.H.	89 * 1
93-0309	Washer	75 25 2	93-9942	Arm - Outer Lift L.H.	89 10 1
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93-0311	Spindle - Wheel L.H.	75 17 1	213-31	Cover - Steering Wheel	4 8 1
93-1397	Valve - Flow Control	78 46 1	217-116	Rim	75 23 2
93-3102	Cap - Fuel	22 10 1	218-242	Switch - Brake	7 25 1
93-3103	Cap - Hydraulic	23 36 1	218-243	Fitting - Tee	7 12 1
93-3219	Pump Drive Shaft Assembly	38 * 1	218-446	Nut - Hex	14 9 1
93-3681	Cover	53 1 1	218-447	Washer - Lock	14 8 1
93-3682	Gasket	53 2 1	218-498	Nut	13 18 2
93-4237	Bearing	80 14 4	218-498	Nut - Hex	14 7 10
93-4237	Bearing	90 29 16	218-533	Lens - Indicator Light (Red)	4 7 1
93-4240	10" Wheel - Pneumatic	90 30 8	218-535	Nut - Hex.	4 24 3
93-4240	10" Wheel - Pneumatic	80 12 2	218-536	Washer - Lock	4 23 3
93-4241	Spacer	80 13 2	218-562	Lens - Indicator Light	4 11 2
93-4241	Spacer	90 28 8	218-573	Fuse - 5A	11 * 1
93-4363	Motor - Hydraulic	81 11 1	218-581	Fuse - 15A	11 33 6
93-4363	Motor - Hydraulic	91 13 2	219-17	Bulb - Light	13 9 8
93-4382	Bracket - Muffler	46 18 1	2116-3	Joint - Ball L.H.	75 * 1
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93-7037	Switch	38 61 1	231-140	Tire - (Optional)	32 * 2
93-7038	Switch	28 77 1	232-27	Stem - Valve	75 29 2

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233—48	Knob	18 3 1	237—155	Seal — O—Ring	24 20 1
233—66	Knob	14 10 1	237—156	Seal — O—Ring	21 13 8
237—21	Seal — O—Ring	32 3 2	237—156	Seal — O—Ring	73 30 30
237—21	Seal — O—Ring	21 6 2	237—157	Seal — O—Ring	23 16 1
237—21	Seal — O—Ring	30 29 4	237—158	Seal — O—Ring	32 21 4
237—21	Seal — O—Ring	76 52 4	237—164	Grommet	30 7 1
237—21	Seal — O—Ring	28 58 3	237—174	O—Ring	36 9 2
237—22	Seal — O—Ring	27 32 7	237—175	O—Ring	36 6 2
237—22	Seal — O—Ring	81 7 1	240—2	Grommet	30 6 2
237—22	Seal — O—Ring	78 8 9	240—3	Grommet	85 8 4
237—22	Seal — O—Ring	91 10 2	240—4	Grommet	27 6 6
237—22	Seal — O—Ring	19 14 9	240—4	Grommet	85 18 10
237—22	Seal — O—Ring	44 17 2	240—5	Grommet	27 28 2
237—22	Seal — O—Ring	85 19 14	240—6	Grommet	30 31 4
237—22	Seal — O—Ring	21 21 7	240—7	Grommet	30 32 1
237—22	Seal — O—Ring	23 21 2	240—7	Grommet	28 47 4
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237—22	Seal — O—Ring	75 45 6	2410—73	Pin — Tether	23 35 1
237—22	Seal — O—Ring	47 56 2	2411—40	Joint — Ball	89 13 4
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237—30	Seal — O—Ring	27 8 3	2412—6	Clamp — Hose	70 2 2
237—30	Seal — O—Ring	24 13 2	2412—6	Clamp — Hose	44 6 1
237—30	Seal — O—Ring	37 17 2	2412—6	Clamp — Hose	22 15 1
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237—42	Seal — O—Ring	73 7 1	2412—41	Clamp	72 38 2
237—42	Seal — O—Ring	91 12 2	2412—41	Clamp — R	44 38 1
237—42	Seal — O—Ring	37 23 1	2412—41	Clamp — R	47 59 2
237—42	Seal — O—Ring	19 24 5	2412—42	Clamp — Hose	25 11 4
237—42	Seal — O—Ring	21 27 6	2412—42	Clamp — Hose	23 13 4
237—42	Seal — O—Ring	86 42 4	2412—42	Clamp — Hose	46 19 1
237—42	Seal O—Ring	81 9 1	2412—70	Clamp — R	46 3 1
237—58	Seal — O—Ring	27 14 4	2412—73	Clamp — R	72 7 3
237—58	Seal — O—Ring	25 2 2	2412—73	Clamp — R	47 69 1
237—58	Seal — O—Ring	81 3 2	2412—89	Clamp — R	22 9 1
237—58	Seal — O—Ring	24 7 1	2412—92	Clamp — Hose	24 9 4
237—58	Seal — O—Ring	32 7 7	2412—92	Clamp — Hose	44 11 4
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237—65	Seal — O—Ring	91 7 4	2412—110	Clamp — Hose	46 16 3
237—65	Seal — O—Ring	27 18 6	2412—129	Clamp — Hose	24 39 1
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237—78	Seal — O—Ring	21 4 2	251—332	Spacer — Inner	94 4 1
237—79	Seal — O—Ring	19 12 2	251—333	Spacer — Bearing	80 21 2
237—79	Seal — O—Ring	23 23 1	251—333	Spacer — Inner	94 6 1
237—79	Seal — O—Ring	21 24 2	251—340	Bearing — Ball	32 23 2
237—79	Seal — O—Ring	73 32 4	253—154	Seal — Wave	93 5 2
237—79	Seal — O—Ring	4 39 4	253—156	Seal — Oil	32 22 2
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237—80	Seal — O—Ring	23 19 3	254—72	Cup — Bearing Outer	75 20 2
237—80	Seal — O—Ring	41 68 1	254—92	Cone — Bearing Outer	75 21 2
237—81	Seal — O—Ring	23 1 1	254—106	Cone — Bearing Inner	75 31 2
237—81	Seal — O—Ring	81 5 2	254—107	Cup — Bearing Inner	75 30 2
237—81	Seal — O—Ring	91 5 4	256—76	Bushing — Sleeve	89 15 4
237—81	Seal — O—Ring	32 9 4	256—117	Bushing — Flange	81 28 4
237—81	Seal — O—Ring	37 15 1	256—156	Bushing — Flange	9 30 2
237—81	Seal — O—Ring	73 19 8	256—172	Bearing — Sleeve	88 15 8
237—101	Seal — O—Ring	24 24 2	256—188	Bushing — Sleeve	84 6 1
237—116	Seal — O—Ring	25 9 1	256—188	Bushing — Sleeve	81 22 1
237—146	Seal — O—Ring	32 5 4	256—247	Bushing — Flange	6 1 4
237—146	Seal — O—Ring	73 14 1	256—247	Bushing — Flange	28 46 2

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Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
256-273	Bushing - Flange	9 28 1	322-6	Screw - Cap Hex. Hd.	44 40 4
256-304	Washer - Thrust	89 6 8	322-11	Screw - Cap Hex. Hd.	85 1 1
256-304	Washer - Thrust	75 7 6	322-11	Screw - Cap Hex. Hd.	72 30 1
256-304	Washer - Thrust	78 28 2	322-12	Screw - Cap Hex. Hd.	30 9 4
256-304	Washer - Thrust	85 29 4	322-12	Screw - Cap Hex. Hd.	24 44 3
256-304	Washer - Thrust	90 40 4	322-13	Screw - Cap Hex. Hd.	47 76 1
256-305	Washer - Thrust	83 16 2	322-17	Screw - Cap Hex. Hd.	37 39 1
256-305	Washer - Thrust	84 24 2	322-21	Screw - Cap Hex. Hd.	30 23 3
282-2	Clevis - Brake Rod	7 18 1	323-4	Screw - Cap Hex. Hd.	11 4 4
282-28	Clevis - Adjustable	18 6 2	323-4	Screw - Cap Hex. Hd.	6 21 4
283-1	Pin - Clevis	6 24 2	323-4	Screw - Cap Hex. Hd.	72 21 4
283-1	Pin - Clevis	7 24 1	323-4	Screw - Cap Hex. Hd.	43 25 2
283-2	Pin - Clevis	32 16 2	323-4	Screw - Cap Hex. Hd.	24 28 3
283-2	Pin - Clevis	36 24 2	323-4	Screw - Cap Hex. Hd.	47 70 4
283-15	Pin - Clevis	36 31 2	323-6	Screw - Cap Hex. Hd.	75 3 2
283-67	Pin - Clevis Arm End	18 5 1	323-6	Screw - Cap Hex. Hd.	83 6 3
283-70	Pin - Hitch	80 9 2	323-6	Screw - Cap Hex. Hd.	2 9 2
283-72	Pin - Lynch	1 3 1	323-6	Screw - Cap Hex. Hd.	85 12 4
285-17	Plug - Pipe	41 76 2	323-6	Screw - Cap Hex. Hd.	25 18 4
2812-4	Fitting - Reducer	44 15 2	323-6	Screw - Cap Hex. Hd.	32 18 14
302-2	Fitting - Grease	85 31 4	323-6	Screw - Cap Hex. Hd.	84 19 3
302-2	Fitting - Grease	78 2 4	323-6	Screw - Cap Hex. Hd.	43 23 4
302-2	Fitting - Grease	84 4 1	323-6	Screw - Cap Hex. Hd.	9 31 1
302-2	Fitting - Grease	89 4 4	323-6	Screw - Cap Hex. Hd.	72 32 4
302-2	Fitting - Grease	37 5 1	323-6	Screw - Cap Hex. Hd.	47 60 1
302-2	Fitting - Grease	90 13 2	323-7	Screw - Cap Hex. Hd.	37 51 2
302-2	Fitting - Grease	81 20 1	323-7	Screw - Cap Hex. Hd.	25 4 8
302-2	Fitting - Grease Str.	93 1 1	323-7	Screw - Cap Hex. Hd.	7 7 3
302-5	Fitting - Grease	77 1 1	323-7	Screw - Cap Hex. Hd.	4 16 4
302-5	Fitting - Grease	94 2 1	323-7	Screw - Cap Hex. Hd.	83 31 3
302-5	Fitting - Grease	6 3 2	323-7	Screw - Cap Hex. Hd.	84 39 3
302-5	Fitting - Grease	79 13 3	323-7	Screw - Cap Hex. Hd.	44 41 4
302-5	Fitting - Grease	75 15 3	323-9	Screw - Cap Hex. Hd.	72 13 2
302-5	Fitting - Grease	87 15 2	323-9	Screw - Cap Hex. Hd.	1 22 2
302-5	Fitting - Grease	88 18 2	323-10	Screw - Cap Hex. Hd.	23 5 4
302-5	Fitting - Grease	89 22 2	323-15	Screw - Cap Hex. Hd.	80 17 16
302-5	Fitting - Grease	80 27 4	323-15	Screw - Cap Hex. Hd.	90 23 32
302-5	Fitting - Grease	81 33 4	323-15	Screw - Cap Hex. Hd.	86 44 2
302-5	Fitting - Grease	90 34 8	323-21	Screw - Cap Hex. Hd.	22 6 1
302-5	Fitting - Grease	78 40 2	323-34	Screw - Cap Hex. Hd.	44 8 7
302-5	Fitting - Grease	28 48 1	325-4	Screw - Cap Hex. Hd.	46 46 4
302-10	Fitting - Grease 45°	93 * 1	325-5	Screw - Cap Hex. Hd.	4 30 3
302-33	Fitting - Grease	75 36 2	325-6	Screw - Cap Hex. Hd.	25 20 4
302-39	Vent	32 25 2	325-6	Screw - Cap Hex. Hd.	78 22 12
302-40	Fitting - Grease	88 23 2	325-6	Screw - Cap Hex. Hd.	44 43 2
304-46	Drain - Fuel Tank	22 13 1	325-6	Screw - Cap Hex. Hd.	75 46 12
304-46	Valve - Drain	44 14 1	325-7	Screw - Cap Hex. Hd.	37 12 2
321-2	Screw - Cap Hex. Hd.	42 4 16	325-7	Screw - Cap Hex. Hd.	81 16 1
321-2	Screw - Cap Hex. Hd.	6 10 1	325-7	Screw - Cap Hex. Hd.	33 46 4
321-2	Screw - Cap Hex. Hd.	36 17 8	325-8	Screw - Cap Hex. Hd.	84 8 1
321-2	Screw - Cap, Hex. Hd.	23 26 1	325-8	Screw - Cap Hex. Hd.	81 24 1
321-3	Screw - Cap Hex. Hd.	72 3 3	325-15	Screw - Cap Hex. Hd.	80 6 4
321-3	Screw - Cap Hex. Hd.	9 6 4	325-17	Screw - Cap Hex. Hd.	46 43 4
321-3	Screw - Cap Hex. Hd.	18 10 3	325-20	Screw - Cap Hex. Hd.	90 3 8
321-3	Screw - Cap Hex. Hd.	11 14 4	327-17	Screw Cap Hex. Hd.	90 26 8
321-4	Screw - Cap Hex. Hd.	6 5 1	327-22	Screw - Cap Hex. Hd.	32 27 16
321-4	Screw - Cap Hex. Hd.	37 42 2	327-24	Screw Cap Hex. Hd.	80 15 2
321-4	Screw - Cap Hex. Hd.	46 51 2	327-25	Screw - Cap Hex. Hd.	80 20 2
321-5	Screw - Cap Hex. Hd.	23 10 10	327-80	Seal - O-Ring	37 53 2
321-6	Screw - Cap Hex. Hd.	36 37 8	328-8	Screw - Cap Hex. Hd.	85 36 4
321-6	Screw - Cap Hex. Hd.	46 38 3	328-8	Screw - Cap Hex. Hd.	85 37 2
321-9	Screw - Cap Hex. Hd.	30 22 6	328-10	Screw - Cap Hex. Hd.	78 21 2
321-9	Screw - Cap Hex. Hd.	28 43 2	328-11	Screw - Cap Hex. Hd.	42 26 2
321-9	Screw - Cap Hex. Hd.	86 56 3	328-24	Screw - Cap Hex. Hd.	86 58 4
321-10	Screw - Cap Hex. Hd.	19 1 2	328-26	Screw - Cap Hex. Hd.	85 28 12
321-10	Screw - Cap Hex. Hd.	37 47 2	3210-7	Screw - Cap Hex. Hd.	37 40 1
321-11	Screw - Cap Hex. Hd.	28 65 2	3213-2	Screw - Cap Hex. Hd.	25 22 4
321-15	Screw - Cap Hex. Hd.	89 3 4	3217-7	Nut - Hex.	22 19 1
321-15	Screw - Cap Hex. Hd.	30 18 2	3217-7	Nut - Hex.	37 34 1
322-3	Screw - Cap Hex. Hd.	7 5 2	3217-7	Nut - Lock	9 1 1
322-3	Screw - HH	89 27 4	3217-9	Nut - Hex.	37 14 2
322-5	Screw - Cap Hex Hd.	72 27 1	3217-9	Nut - Hex.	78 26 16
322-5	Screw - Cap Hex. Hd.	44 39 1	3217-9	Nut - Jam	81 37 2

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3219-2	Nut - Hex.	37 29 1	3253-15	Washer - Lock	22 20 5
3219-5	Nut - Hex.	32 31 18	3253-15	Washer - Lock	14 21 A/R
3219-7	Nut - Lock	89 19 4	3253-21	Washer - Lock	9 2 2
3219-10	Nut - Jam	73 24 3	3253-21	Washer - Lock	22 5 2
3219-14	Nut - Hex.	46 1 2	3253-21	Washer - Lock	25 5 8
3219-14	Nut - Hex.	18 7 2	3253-21	Washer - Lock	23 6 4
3219-14	Nut - Hex.	24 17 1	3253-21	Washer - Lock	2 10 2
3220-1	Nut - Jam	46 50 2	3253-21	Washer - Lock	72 14 2
3220-2	Nut - Jam	7 17 1	3253-21	Washer - Lock	32 17 14
3220-3	Nut - Jam	9 21 2	3253-21	Washer - Lock	4 17 4
3220-4	Nut	28 53 1	3253-21	Washer - Lock	11 19 4
3220-4	Nut - Bulkhead	29 12 8	3253-21	Washer - Lock	36 19 8
3220-5	Nut - Jam	9 19 1	3253-21	Washer - Lock	43 22 6
3220-7	Nut - Jam	89 12 4	3253-21	Washer - Lock	24 29 3
3220-7	Nut - Jam	75 28 2	3253-21	Washer - Lock	37 32 3
3220-22	Nut - Jam	88 4 4	3253-21	Washer - Lock	44 35 12
3229-8	Bolt - Carriage	11 35 3	3253-21	Washer - Lock	47 75 4
3230-22	Bolt - Carriage	2 20 1	3254-2	Washer	89 26 4
3231-22	Bolt - Carriage	93 7 6	3254-2	Washer - Lock	72 25 1
3231-25	Bolt - Carriage	84 9 2	3254-6	Washer - Lock	19 25 1
3231-25	Bolt - Carriage	83 20 2	3256-1	Washer - Flat	46 48 1
3231-28	Bolt - Carriage	81 12 2	3256-3	Washer - Flat	47 67 3
3231-28	Bolt - Carriage	91 27 4	3256-5	Washer - Flat	22 7 2
3231-30	Bolt - Carriage	37 33 1	3256-6	Washer - Flat	9 17 1
3233-9	Bolt - Carriage	83 9 3	3256-7	Washer - Flat	1 26 1
3233-9	Bolt - Carriage	90 22 12	3256-22	Washer - Flat	14 2 8
3233-9	Bolt - Carriage	84 30 3	3256-22	Washer - Flat	30 11 2
3233-27	Bolt - Carriage	81 42 1	3256-22	Washer - Flat	11 12 4
3233-28	Bolt - Carriage	90 12 6	3256-22	Washer - Flat	4 44 1
3233-29	Bolt - Carriage	90 11 2	3256-23	Washer	13 2 4
3233-30	Bolt - Carriage	91 22 6	3256-23	Washer - Flat	2 16 4
3233-30	Bolt - Carriage	82 59 1	3256-23	Washer - Flat	30 24 1
3234-5	Screw - Cap Hex. Hd.	1 11 4	3256-23	Washer - Flat	28 68 2
3234-7	Screw - Hex. Washer Hd.	11 2 11	3256-24	Washer - Flat	72 15 2
3234-12	Screw - Hex. Flange Hd.	75 10 2	3256-24	Washer - Flat	93 16 A/R
3234-12	Screw - Hex. Flange Hd.	82 53 4	3256-24	Washer - Flat	43 24 6
3234-12	Screw - Hex. Washer Hd.	91 2 8	3256-24	Washer - Flat	1 27 2
3234-13	Screw - Hex. Flange Hd.	37 36 4	3256-24	Washer - Flat	36 27 4
3234-13	Screw - Hex. Washer Hd.	22 8 1	3256-26	Washer - Flat	18 13 1
3234-13	Screw - Hex. Washer Hd.	7 19 2	3256-26	Washer - Flat	4 29 3
3234-14	Screw - Cap Hex. Hd.	43 11 6	3256-26	Washer - Flat	32 45 4
3234-14	Screw - Cap Hex. Hd.	9 12 1	3256-26	Washer - Flat	47 54 8
3234-14	Screw - Cap Hex. Hd.	6 18 3	3256-27	Washer - Flat	1 24 1
3234-14	Screw - Cap Hex. Hd.	1 23 6	3256-56	Washer - Flat	30 21 8
3234-14	Screw - Cap Hex. Hd.	11 25 2	3256-56	Washer - Flat	85 40 3
3234-14	Screw - Hex. Flange Hd.	30 2 6	3256-56	Washer - Flat	44 47 2
3234-14	Screw - Hex. Flange Hd.	10 5 4	3256-56	Washer - Flat	28 67 2
3234-14	Screw - Hex. Flange Hd.	19 8 6	3256-69	Washer	83 26 2
3234-14	Screw - Hex. Flange Hd.	27 25 4	3256-69	Washer	84 35 2
3234-14	Screw - Hex. Washer Hd.	46 20 4	3258-19	Screw - Machine	46 14 2
3234-14	Screw - Hex. Washer Hd.	4 25 8	3269-6	Washer - Backup	42 33 22
3234-17	Screw - Hex. Flange Hd.	72 6 4	3269-15	Rivet - Pop	42 32 22
3234-28	Screw - Hex. Flange Hd.	27 10 2	3269-25	Rivet - Pop	29 1 4
3245-31	Screw - Set	9 8 1	3269-25	Rivet - Pop	83 1 4
3245-32	Screw - Set	9 26 1	3269-25	Rivet - Pop	84 1 4
3249-11	Screw - Machine	6 26 2	3269-25	Rivet - Pop	91 17 16
3250-27	Screw - Truss Hd.	83 5 2	3269-25	Rivet - Pop	81 29 8
3250-27	Screw - Truss Hd.	84 14 2	3272-1	Pin - Cotter	19 4 6
3253-2	Washer - Lock	24 16 1	3272-1	Pin - Cotter	18 9 3
3253-2	Washer - Lock	44 21 16	3272-5	Pin - Cotter	6 6 1
3253-2	Washer - Lock	47 65 2	3272-5	Pin - Cotter	4 43 1
3253-3	Washer - Lock	23 9 10	3272-6	Pin - Cotter	72 4 1
3253-3	Washer - Lock	11 15 4	3272-6	Pin - Cotter	6 9 2
3253-3	Washer - Lock	36 16 8	3272-6	Pin - Cotter	19 10 2
3253-3	Washer - Lock	37 46 2	3272-6	Pin - Cotter	32 14 2
3253-3	Washer - Lock	47 74 1	3272-6	Pin - Cotter	36 22 2
3253-7	Washer - Lock	37 13 2	3272-6	Pin - Cotter	46 47 1
3253-7	Washer - Lock	25 21 8	3272-7	Pin - Cotter	9 23 2
3253-7	Washer - Lock	78 25 16	3272-7	Pin - Cotter	81 45 1
3253-7	Washer - Lock	32 30 22	3272-10	Pin - Cotter	7 16 1
3253-8	Washer - Lock	93 14 1	3272-10	Pin - Cotter	9 18 1
3253-8	Washer - Lock	32 26 16	3272-10	Pin - Cotter	36 26 2

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3272-12	Pin - Cotter	7 6 1	32108-103	Screw - Machine Flat Hd.	85 25 4
3272-12	Pin - Cotter	75 34 6	32108-103	Screw - Machine Flat Hd.	28 40 4
3272-12	Pin - Cotter	78 35 2	32120-22	Ring - Retaining Internal	32 24 2
3272-13	Pin - Cotter	75 26 2	32120-47	Ring - Retaining	78 31 2
3272-23	Pin - Cotter	78 18 4	32120-47	Ring - Retaining	88 14 16
3272-33	Pin - Cotter	85 24 2	32120-64	Ring - Retaining	1 25 2
3274-7	Screw - Cap Socket Hd.	36 18 8	32120-72	Ring - Retaining	84 5 1
3274-20	Screw - Hex. Socket Hd.	37 11 2	32120-72	Ring - Retaining	81 21 1
3274-86	Screw - Cap Socket Hd.	27 15 1	32120-84	Ring - Retaining External	32 33 2
3290-133	Screw - Round Hd.	13 1 4	32121-4	Pin - Roll	1 13 1
3290-133	Screw - Round Hd.	14 3 8	32121-4	Pin - Roll	2 18 1
3290-133	Screw - Round Hd.	11 11 4	32121-4	Pin - Roll	83 28 2
3290-134	Screw - Cap Hex. Hd.	43 13 4	32121-4	Pin - Roll	84 37 2
3290-216	Washer - Bevel	75 9 12	32121-6	Pin - Roll	83 18 2
3290-216	Washer - Bevel	44 25 4	32121-6	Pin - Roll	84 21 2
3290-271	Rivet - Pop	44 46 4	32121-34	Pin - Roll	89 17 2
3290-307	Pin - Cotter, Hair	6 25 2	32121-34	Pin - Roll	77 18 1
3290-321	Screw - Cap Hex. Hd.	43 5 12	32121-49	Pin - Roll	88 17 2
3290-321	Screw - Cap Hex. Hd.	72 20 1	32121-110	Pin - Roll	75 4 1
3290-321	Screw - Cap Hex. Hd.	44 22 16	32121-110	Pin - Roll	90 17 2
3290-321	Screw - Hex. Washer Hd.	42 14 20	32121-110	Pin - Roll	78 23 2
3290-343	Pin - Cotter Hair	80 11 2	32121-110	Pin - Roll	85 27 2
3290-378	Tie - Cable	11 * 25	32121-110	Pin Roll	89 24 4
3290-378	Tie - Cable	6 * 3	32122-24	Screw - Cap Hex. Hd.	22 3 5
3290-378	Tie - Cable	82 * 2	32122-53	Screw - Pan Head	1 7 4
3290-378	Tie - Cable	86 * 3	32122-53	Screw - Phil. Truss Hd.	11 9 2
3290-378	Tie - Cable	91 * 24	32127-11	Nut - Flexlok	7 27 2
3290-378	Tie - Cable	11 18 2	32127-11	Nut - Flexlok	37 37 2
3290-378	Tie - Cable	78 41 1	32128-19	Nut - Lock Flange Hd.	1 21 2
3290-378	Tie - Cable	4 36 5	32128-20	Nut - Flange Lock	44 19 5
3290-384	Pin - Lynch	80 1 2	32128-20	Nut - Flange Lock	4 22 2
3290-384	Pin - Lynch	90 2 8	32128-20	Nut - Flange Lock	11 27 2
3290-392	Screw - HH	14 17 1	32128-20	Nut - Flange Lock	46 30 4
3290-495	Pin - Lynch	27 2 2	32128-20	Nut - Lock	9 13 1
3296-2	Nut - Flange Lock	43 7 12	32128-20	Nut - Lock	6 17 3
3296-2	Nut - Flange Lock	42 12 20	32128-20	Nut - Lock	81 19 4
3296-2	Nut - Flange Lock	72 24 1	32128-20	Nut - Lock	30 37 4
3296-2	Nut - Lock	83 2 6	32128-21	Nut - Flange Lock	37 2 2
3296-2	Nut - Lock	84 10 6	32128-21	Nut - Flange Lock	91 4 12
3296-2	Nut - Lock	13 15 2	32128-21	Nut - Flange Lock	93 9 6
3296-2	Nut - Lock	91 19 16	32128-21	Nut - Flange Lock	81 10 6
3296-2	Nut - Lock	11 21 6	32128-21	Nut - Flange Lock	83 10 6
3296-2	Nut - Lock	81 34 8	32128-21	Nut - Flange Lock	84 22 6
3296-3	Nut - Lock	36 29 2	32128-21	Nut - Lock	7 8 3
3296-9	Nut - Lock	6 14 2	32128-23	Nut - Flange Lock	80 3 4
3296-23	Nut - Lock	18 14 1	32128-23	Nut - Flange Lock	90 7 20
3296-29	Nut - Lock	1 12 4	32128-23	Nut - Flange Lock	83 8 3
3296-29	Nut - Lock	2 17 4	32128-23	Nut - Flange Lock	91 25 6
3296-41	Nut - Lock	88 8 2	32128-23	Nut - Flange Lock	84 26 4
3296-42	Nut - Keps	18 1 3	32128-23	Nut - Flange Lock	4 34 3
3296-42	Nut - Lock	14 4 4	32128-23	Nut - Flange Lock	81 35 4
3296-49	Nut - Lock	93 2 1	32128-23	Nut - Lock	75 8 12
3296-49	Nut - Lock	4 20 1	32128-25	Nut - Lock	25 19 4
3296-53	Nut - Lock	80 16 4	32128-25	Nut - Lock	36 20 2
3296-53	Nut - Lock	90 31 8	32128-43	Nut - Lock	80 19 16
3296-54	Nut - Lock	1 4 4	32128-43	Nut - Lock	90 25 32
3296-59	Nut - Lock	36 35 2	32128-45	Nut - Lock	90 8 8
3296-68	Nut - Lock	78 1 2	32136-2	Nut - Castle	88 1 4
3296-68	Nut - Lock	75 11 1	32136-2	Nut - Castle	75 41 2
3296-68	Nut - Lock	90 14 2	32136-2	Nut - Slotted	78 36 2
3296-68	Nut Lock	85 35 2	32136-13	Nut - Castle	75 33 4
32103-3	Nut - Wing	44 33 2	32144-1	Screw - Hex. Hd.	7 26 2
32104-16	Screw - Tapping	13 7 4	32144-1	Screw - Hex. Hd.	37 30 2
32105-1	Screw - Cap Hex. Hd.	13 17 2	32144-11	Screw - Hex. Flange Hd.	42 21 8
32105-1	Screw - Machine	83 11 4	32144-11	Screw - Thread Forming	86 60 4
32105-1	Screw - Machine	84 16 4	32144-19	Screw - Round Hd.	13 24 4
32105-1	Screw - Machine	81 27 8	32144-64	Screw - Hex. Washer Hd.	4 13 4
32105-1	Screw - Pan Hd.	91 21 16	32144-69	Screw - Cap. Hex. Hd.	45 54 6
32105-12	Screw - Hex. Socket Hd.	11 7 2	32144-96	Screw - Mach. Round Hd.	4 42 3
32105-13	Screw - Hex. Hd.	11 8 4	32149-2	Nut - Keps	42 2 16
32107-11	Nut - Square	46 27 2	32149-2	Nut - Keps	9 4 4
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32149-2	Nut - Keps	43 16 16	340-68	Fitting - Hydraulic Bulk. Tee	78 14 1
32149-2	Nut - Keps	7 20 2	340-68	Fitting - Hydraulic Bulkhead	75 2 2
32149-2	Nut - Keps	46 33 5	340-70	Nut - Bulkhead	27 4 6
32149-2	Nut - Keps	11 36 3	340-70	Nut - Bulkhead	78 13 1
32149-2	Nut - Keps	28 55 2	340-70	Nut - Bulkhead	85 15 10
32149-7	Nut	43 30 4	340-70	Nut - Bulkhead	76 48 2
32149-7	Nut - Keps	11 23 3	340-71	Fitting - Hydraulic Bulkhead	27 7 1
32151-10	Ring - Retaining	75 14 2	340-74	Nut - Bulkhead	85 11 4
32151-10	Ring - Retaining	89 21 2	340-77	Fitting - Hydraulic Elbow	78 19 4
32151-48	Ring - Retaining	80 8 4	340-77	Fitting - Hydraulic Elbow	85 41 4
32151-100	Ring - Retaining	36 2 2	340-78	Nut - Bulkhead	30 34 4
32152-1	Nut	43 31 2	340-79	Fitting - Hydraulic 90°	24 23 1
32152-1	Nut - Lock	7 2 2	340-82	Fitting - Hydraulic Elbow	32 4 2
32152-1	Nut - Lock	85 3 5	340-86	Fitting - Hydraulic Tee	19 15 2
32152-1	Nut - Lock	89 7 4	340-91	Fitting - Hydraulic Straight	32 6 2
32152-1	Nut - Lock	6 12 4	340-92	Fitting - Hydraulic Straight	21 7 2
32152-1	Nut - Lock	30 13 8	340-92	Fitting - Hydraulic	28 56 1
32152-1	Nut - Lock	72 26 3	340-94	Tee - Hydraulic	21 35 1
32152-1	Nut - Lock	27 36 1	340-105	Fitting - Hydraulic Elbow	38 55 1
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