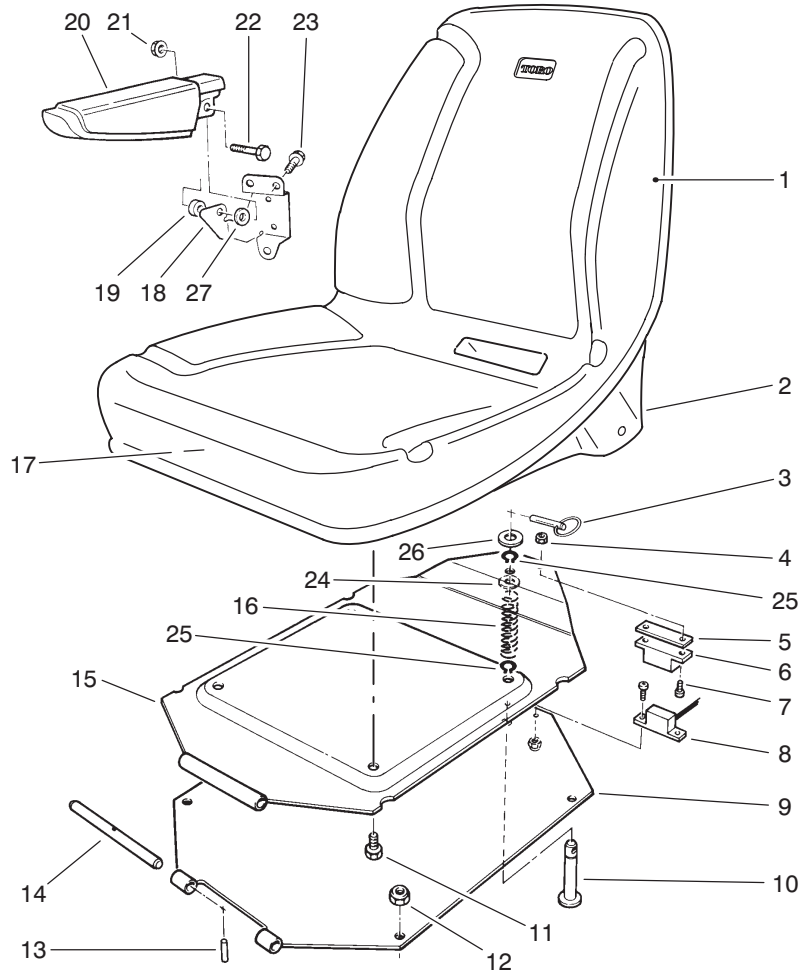


TORO[®]

MODEL NO. 30580-60001 & UP

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

T-1278-1

SEAT ASSEMBLY

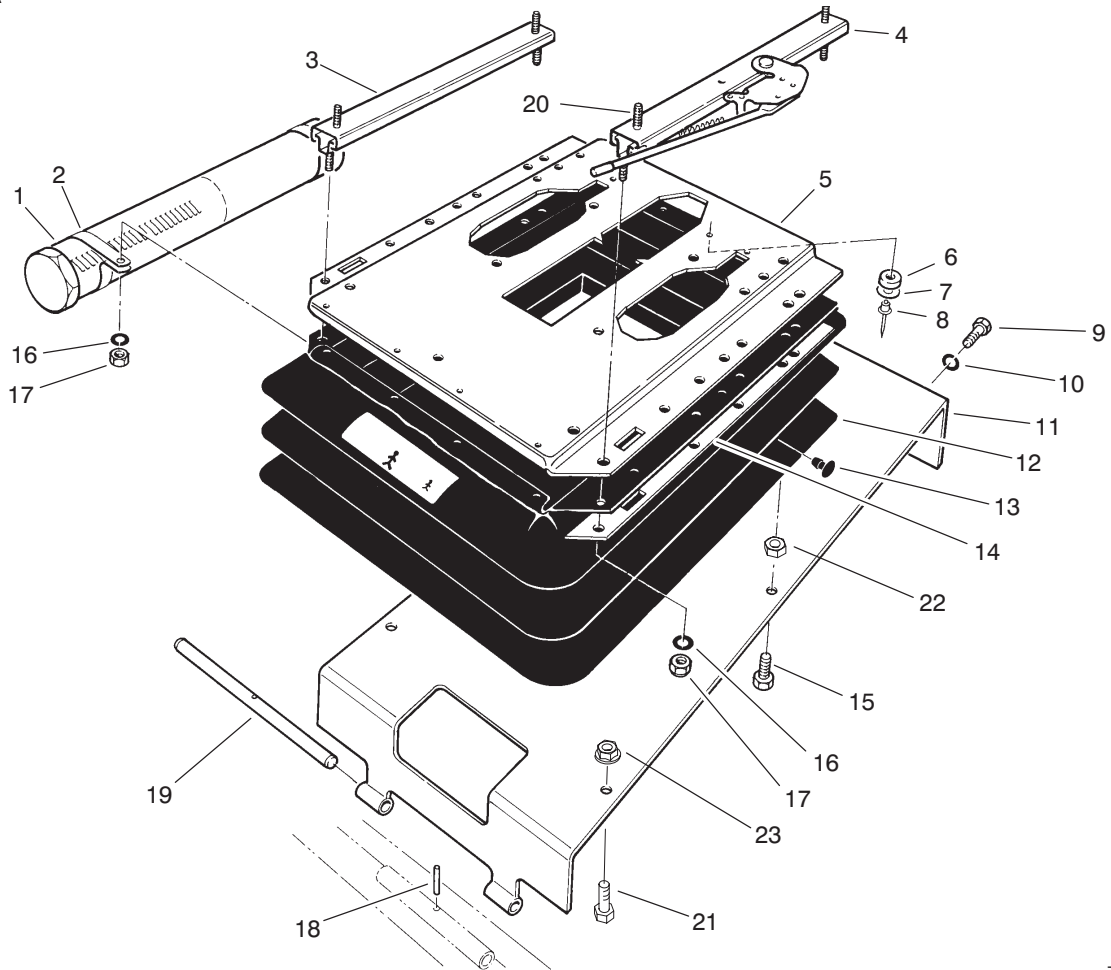
Ref. No.	Part No.	Description	No. Used
1	92-1180	Assembly - Seat (Incl. Ref. #2)	1
2	67-9560	Shell - Seat	1
3	283-72	Pin - Lynch	1
4	3296-54	Nut - Lock	4
5	83-6630	Shim - Switch	2
6	92-8753	Catch - Magnetic	1
7	32122-53	Screw - Pan Head	4
8	83-6640	Sensor - Switch	1
9	83-6700	Plate - Suspension	1
10	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

*Not Illustrated

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TPS

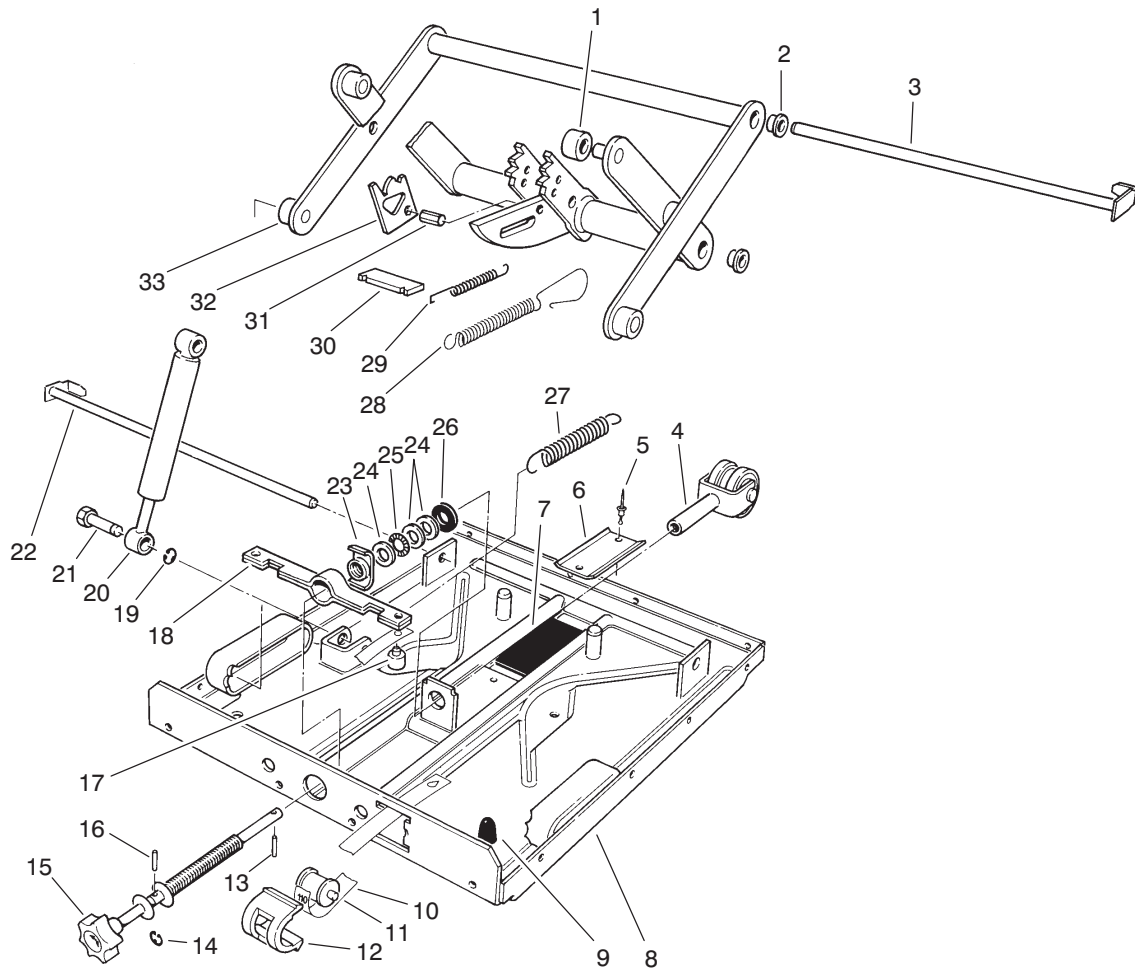


T-1279-1

SEAT PIVOT AND BELLOWS ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	74-0720	Tube - Manual	1
2	2412-133	Clamp	2
3	66-8530	Track - Adjustment	1
4	82-9060	Track & Latch - Adjustment	1
5	71-2410	Plate - Upper Suspension (Incl. Ref. #6)	1
6	71-2400	Assembly - Bumper (Incl. Ref. #7 & 8)	2
7	71-2380	Washer	2
8	71-2390	Rivet - Pop	2
9	323-6	Screw - Cap Hex. Hd.	2
10	3253-21	Washer - Lock	2
11	83-6660	Support - Seat	1

Ref. No.	Part No.	Description	No. Used
12	71-2420	Bellows - Rubber	1
13	39-5710	Plug	21
14	40-3890	Trim	2
15	48-7780	Screw - Cap Hex. Hd.	2
16	3256-23	Washer - Flat	4
17	3296-29	Nut - Lock	4
18	32121-4	Pin - Roll	1
19	27-4720	Pin - Pivot, Seat	1
20	3230-22	Bolt - Carriage	1
21	33104-025	Screw - HHF	2
22	33015-00	Nut	2
23	33004-00	Nut - HWH	2

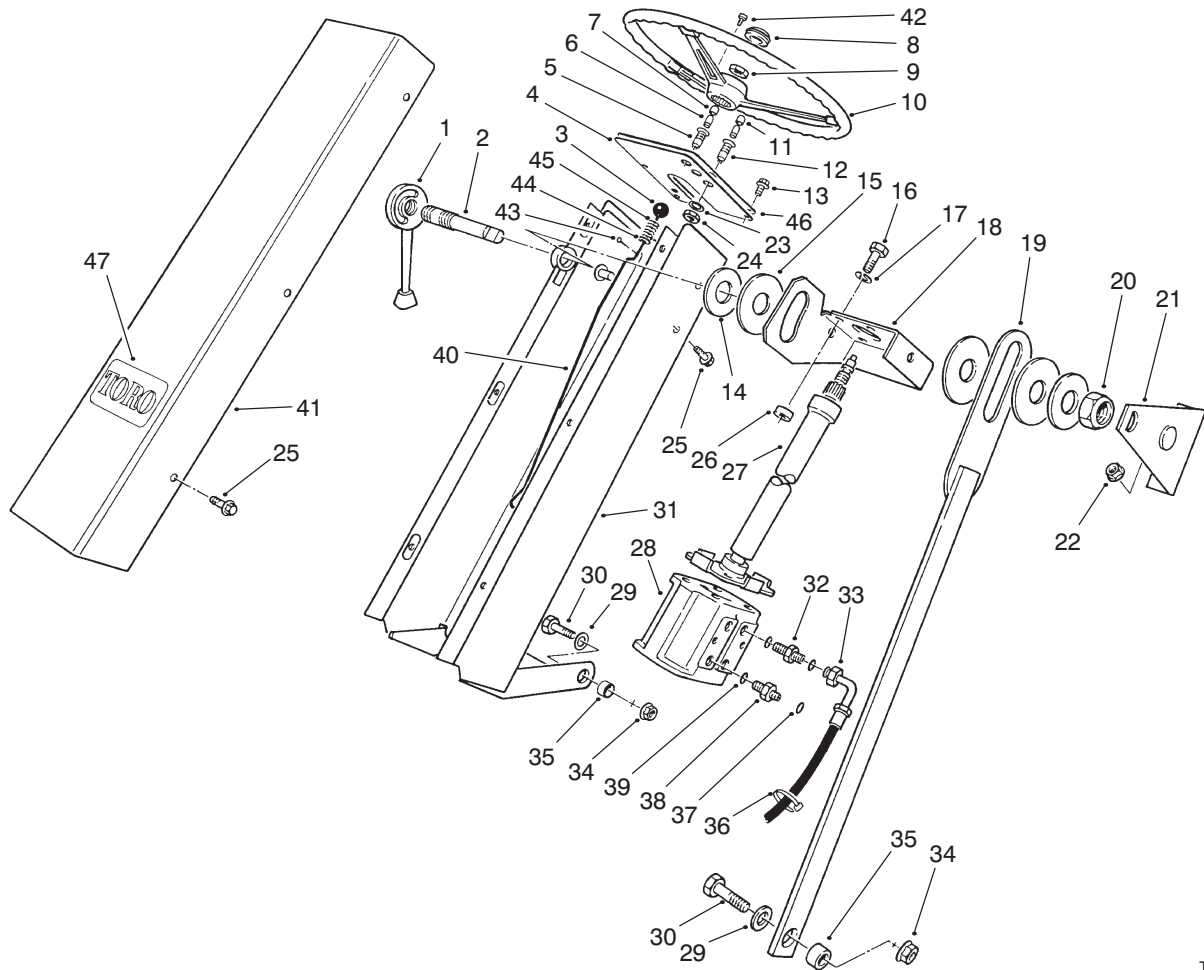


T-0483-1

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



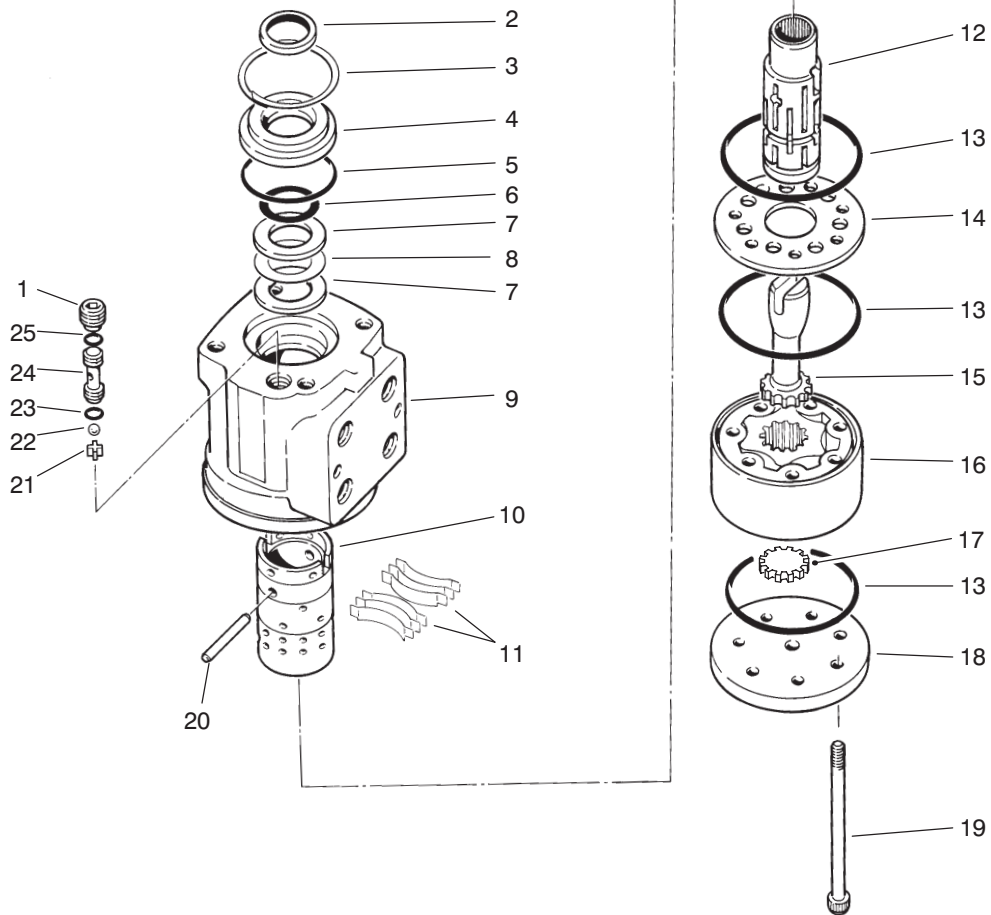
T-0338-2

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 (Incl. Ref. #6-7 & 23-24)	1
†6		Bulb - Indicator Light (#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 (Amber)	2
12	44-2212	Body - Indicator Light (Incl. Ref. #6, 11 & 23-24)	2
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 (Incl. Ref. #37 & 39)	3
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 (Incl. Ref. # 37 & 39)	1
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-0383-1

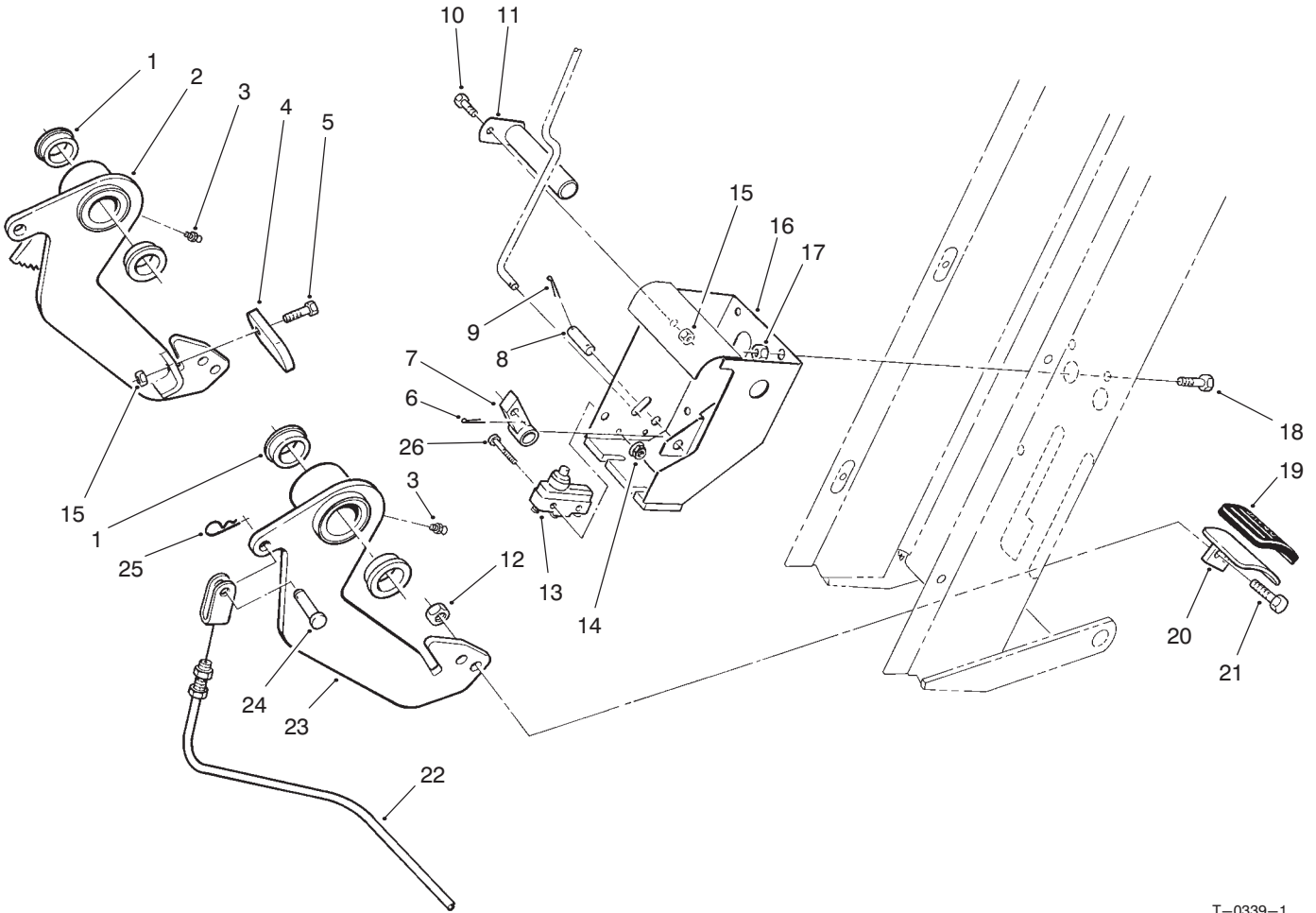
POWER STEERING VALVE ASSEMBLY NO. 92-9748

Ref. No.	Part No.	Description	No. Used
1	52-9260	Screw - Set	1
†2		Seal - 1" ID	1
3	52-9230	Ring - Retaining	1
4	52-9240	Bushing - Gland Seal	1
†5		Seal - 1.875" ID	1
†6		Seal - Quad Ring	1
7	59-6730	Race - Bearing	2
8	59-6740	Bearing - Needle Thrust	1
†9		Housing	1
†10		Sleeve - Control	1
†11	59-6820	Centering Spring Kit	1
†12		Spool - Control	1
†13		Seal	3
14	92-9732	Plate - Wear	1
15	52-9320	Drive	1

Ref. No.	Part No.	Description	No. Used
16	69-1860	Gerotor	1
17	69-1880	Spacer	1
18	92-9730	Cap - End	1
19	92-9735	Screw - Cap	7
20	59-6830	Kit - Centering Pin	1
21	52-9290	Retainer - Check Ball	1
22	52-9280	Ball - Check	1
†23		Seal	1
24	52-9270	Seat - Check Ball	1
†25		Seal	1
*	52-9250	Needle Bearing Kit (Incl. Ref. #7-8)	1
*	92-9749	Seal Kit (Incl. Ref. #2, 5-6, 13, 23 & 25)	1

*Not Illustrated

†Not Serviceable Separately



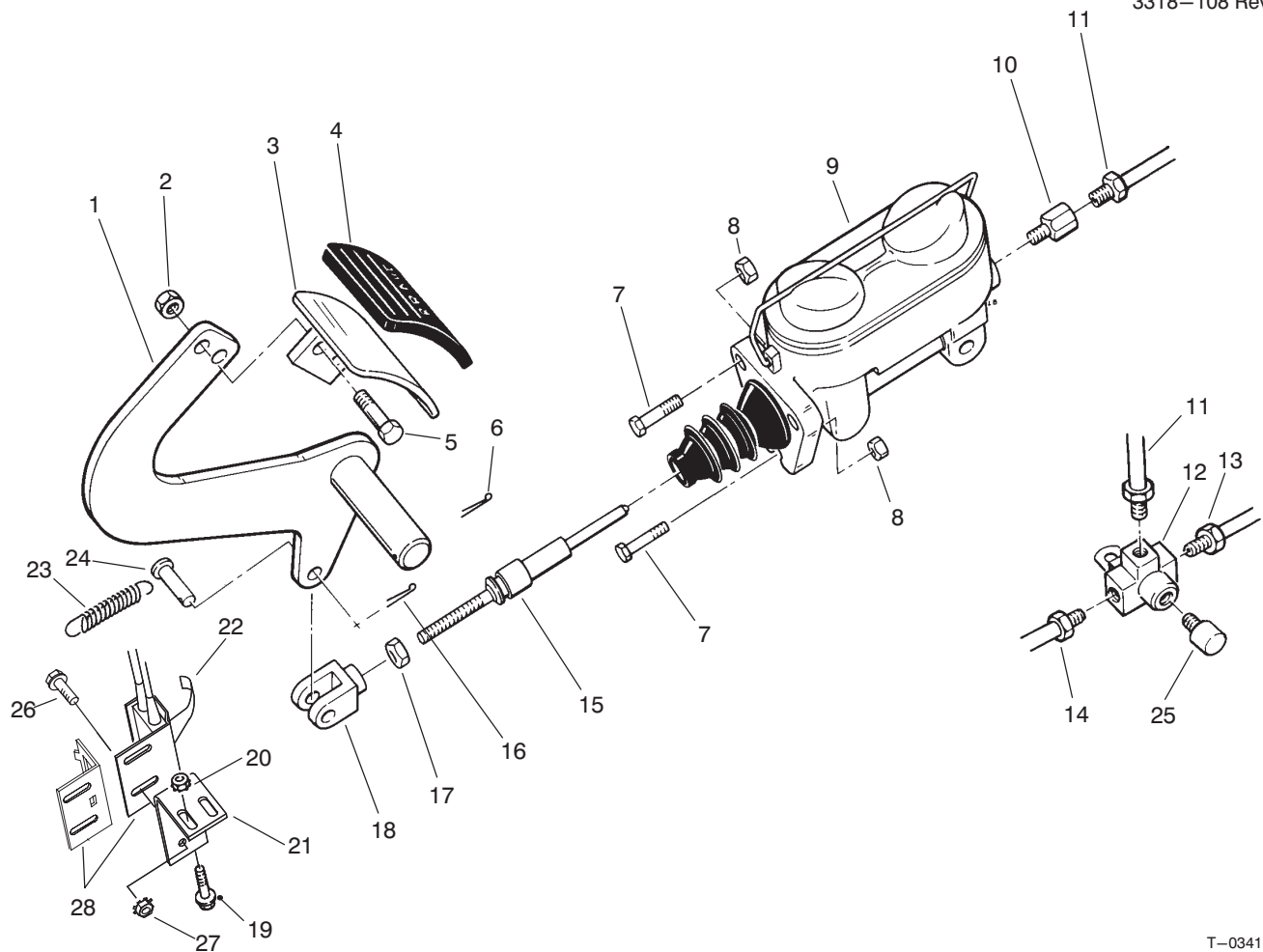
T-0339-1

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

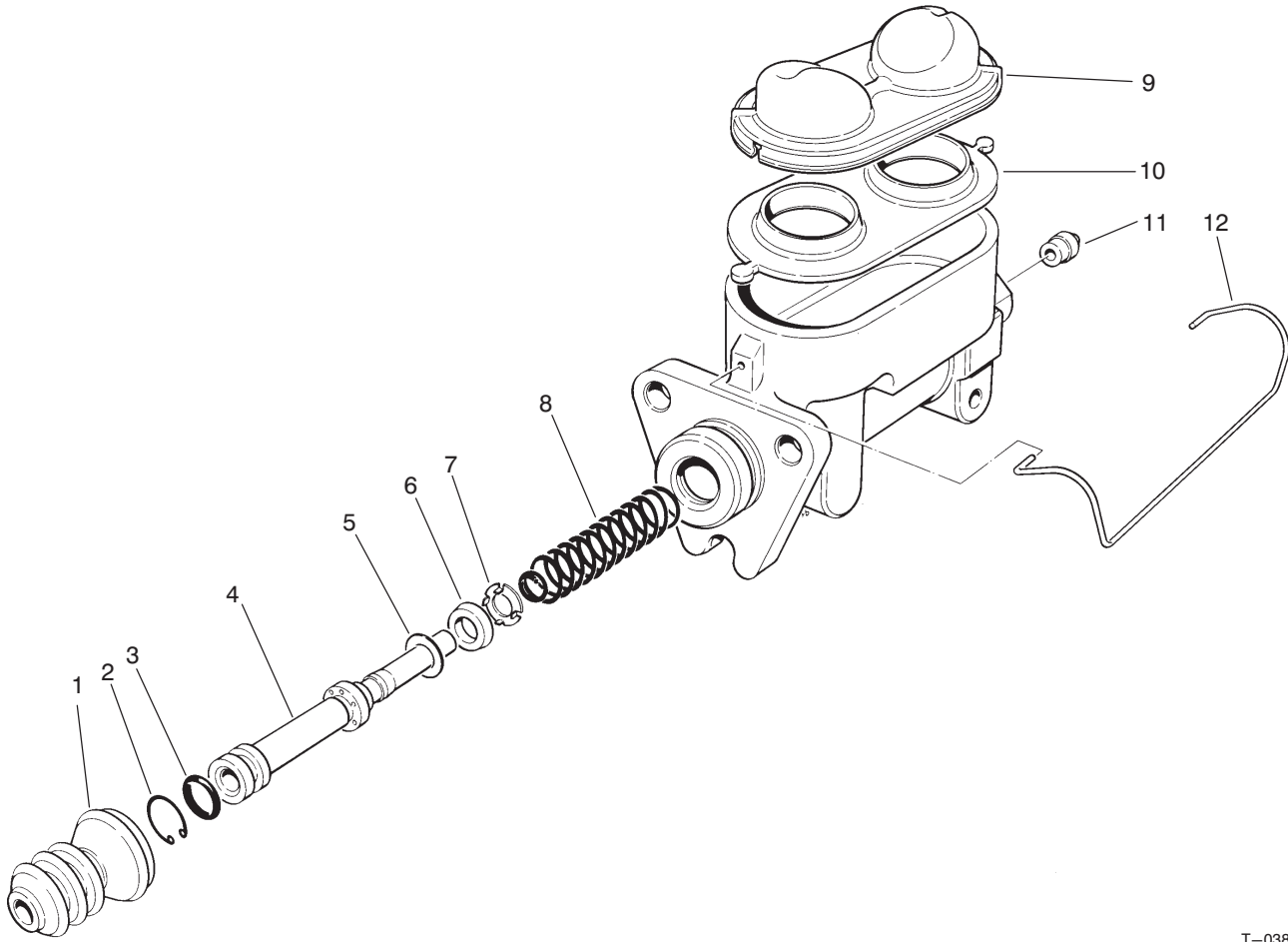


T-0341-1

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-0384-1

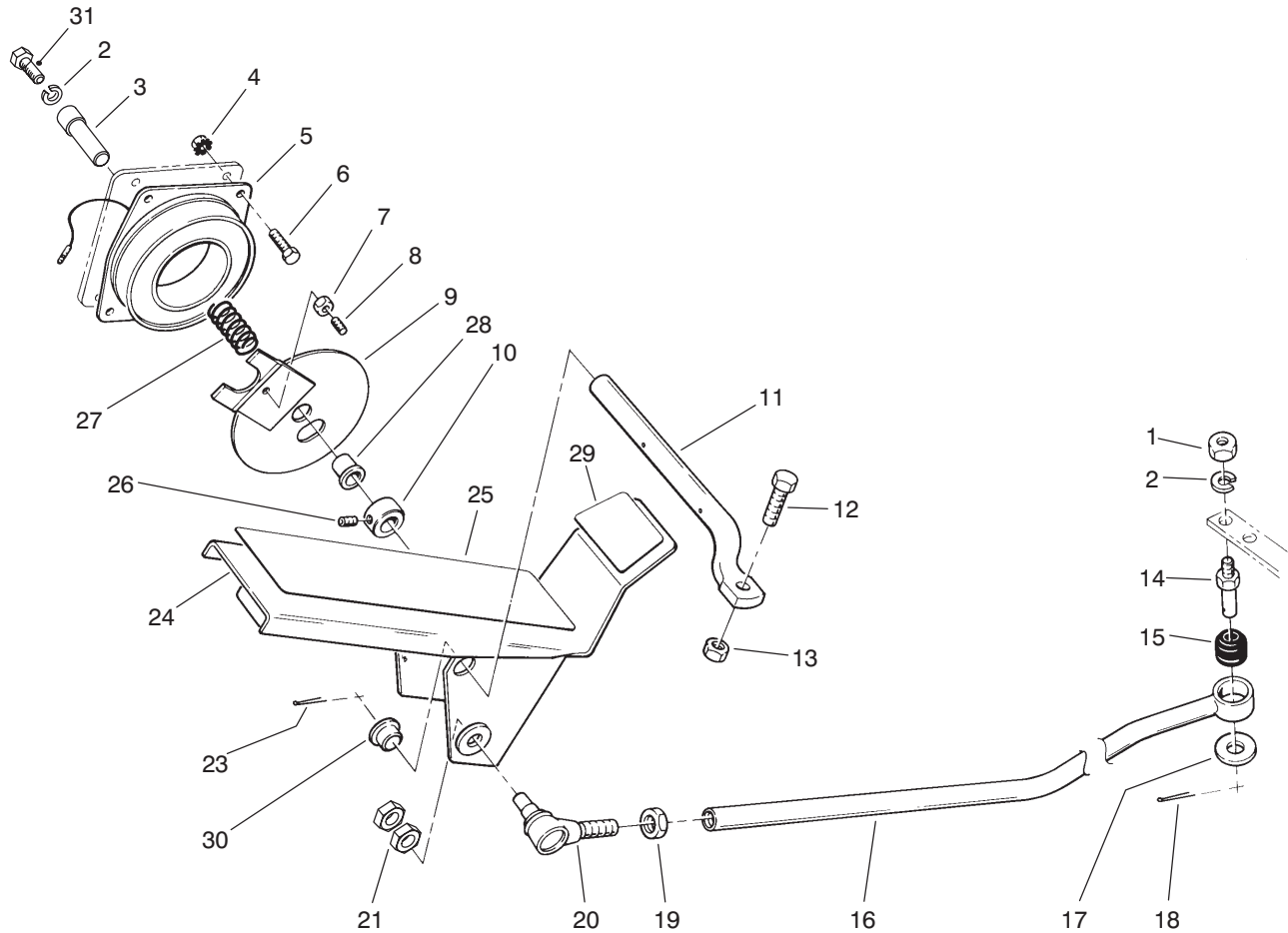
BRAKE SYSTEM MASTER CYLINDER NO. 69-2640

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.

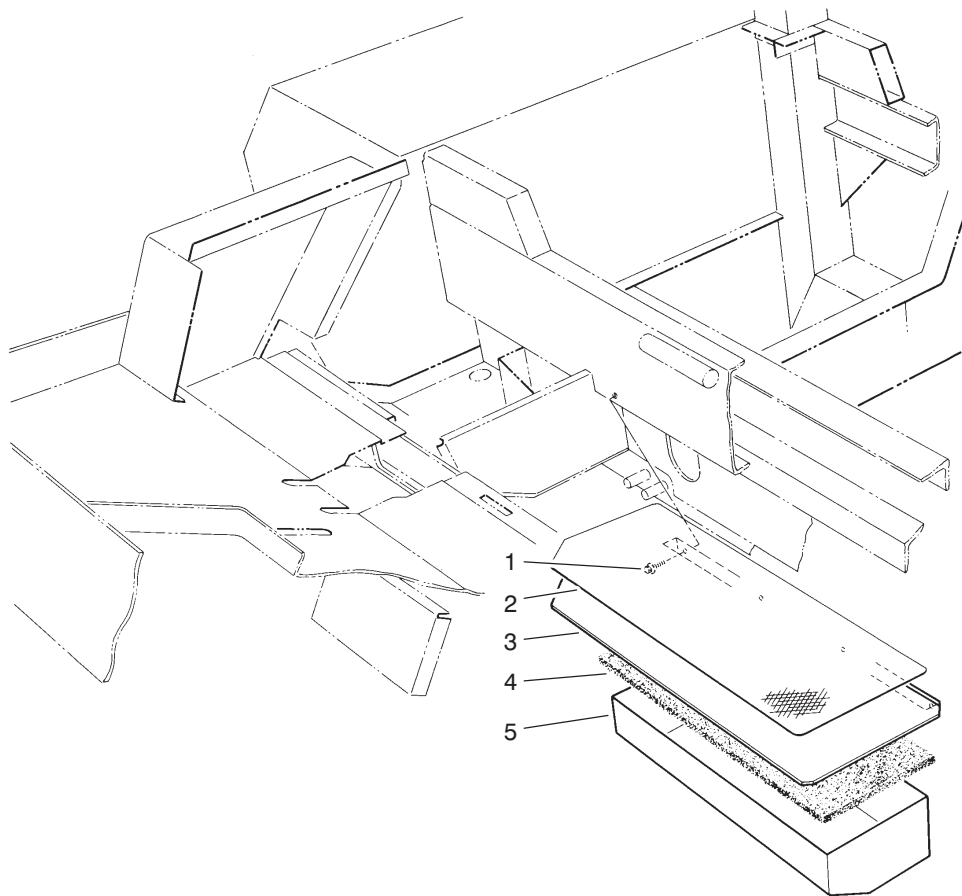


T-0351-1

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

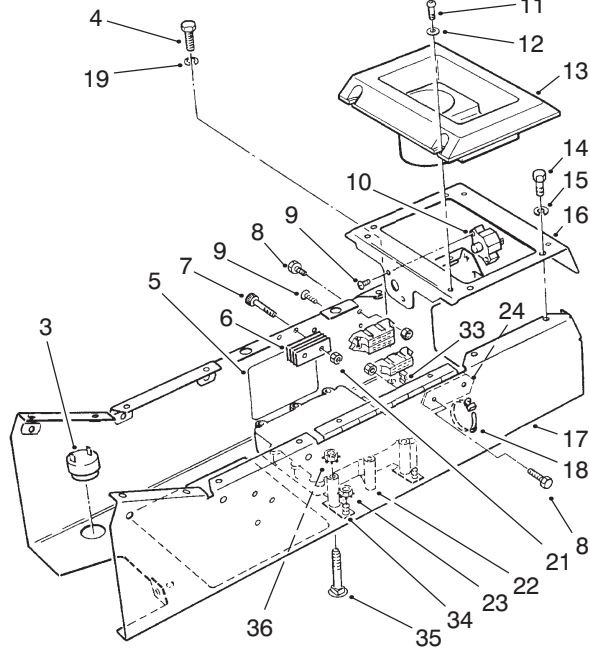
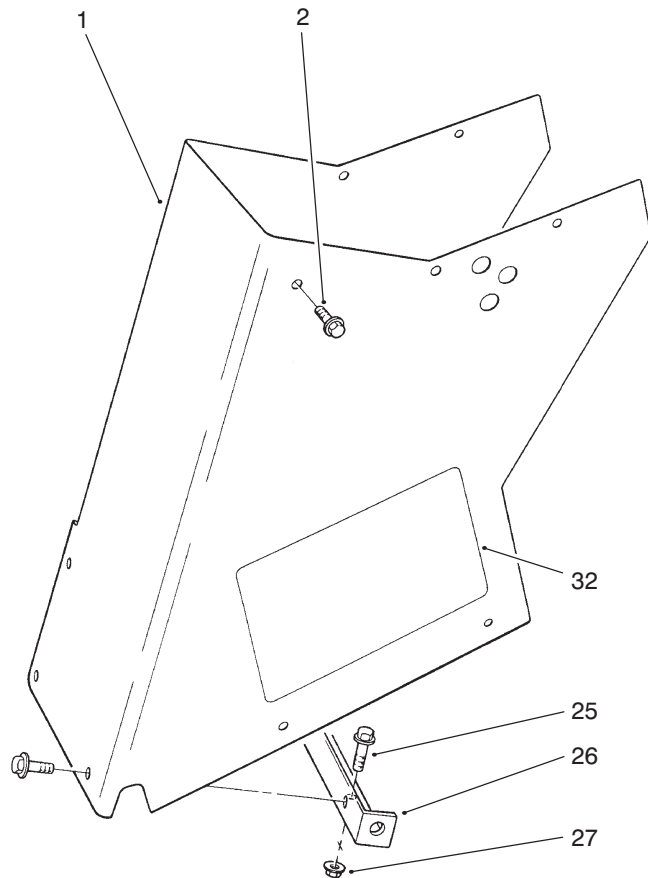


T-0876-1

TOOL BOX ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3234-14	Screw - Hex. Flange Hd.	4
2	71-0410	Cover - Abrasive	1
3	69-8080	Cover - Tool Box	1

Ref. No.	Part No.	Description	No. Used
4	69-9430	Foam - Tool Box	1
5	69-8110	Box - Tool	1



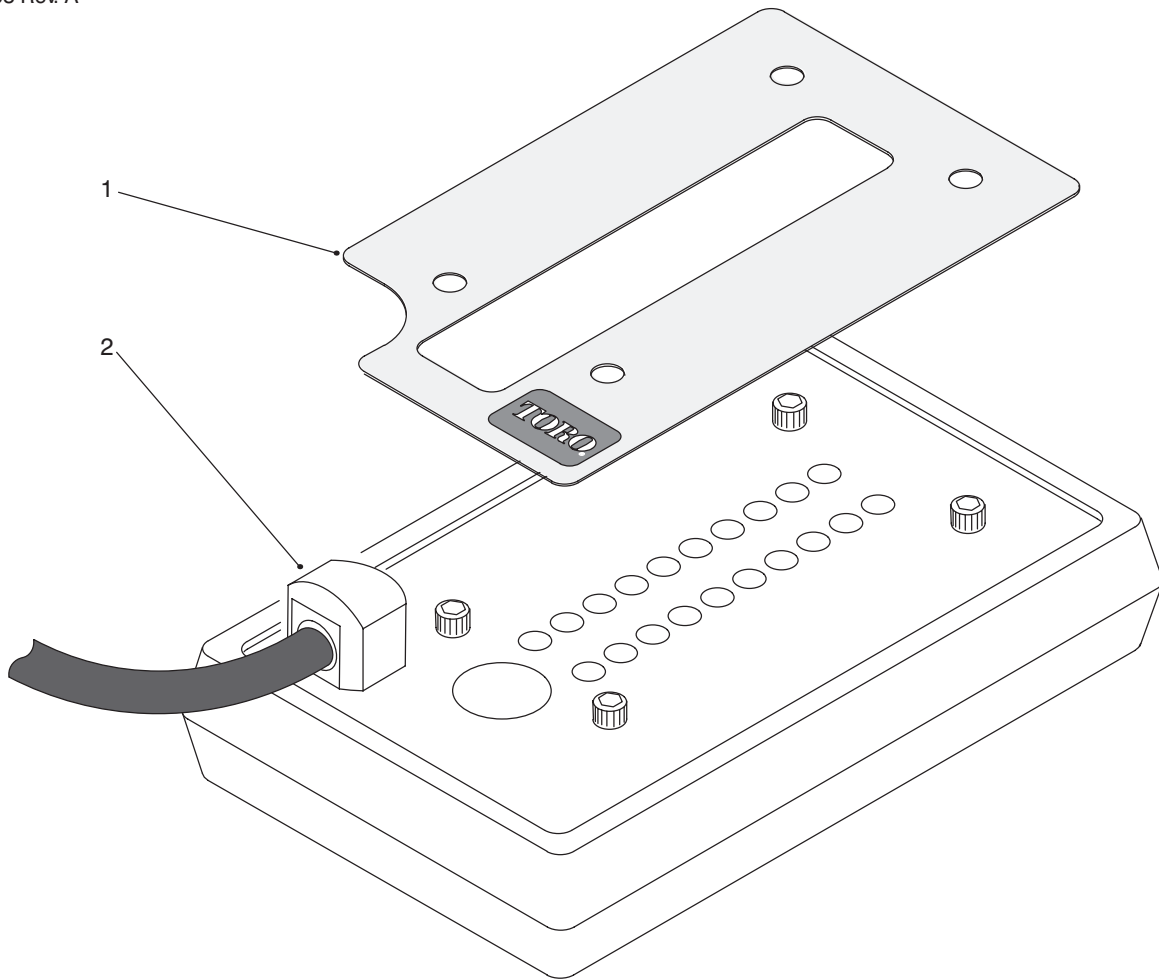
T-0340-2

CONTROL BOX ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	69-9560	Housing - Control	1
2	3234-7	Screw - Hex. Washer Hd.	11
3	80-9330	Alarm - Audio	1
4	323-4	Screw - Cap Hex. Hd.	4
5	88-9430	Decal - Fuse	1
6	69-6260	Magnet	1
7	32105-12	Screw - Hex. Socket Hd.	2
8	32105-13	Screw - Hex. Hd.	4
9	32122-53	Screw - Phil. Truss Hd.	2
10	43-4000	Breaker - Circuit 40A	1
11	3290-133	Screw - Round Hd.	4
12	3256-22	Washer - Flat	4
13	69-7040	Holder - Cup	1
14	321-3	Screw - Cap Hex. Hd.	4
15	3253-3	Washer - Lock	4
16	71-2430	Plate - Rear	1
17	71-4130	Support - Control	1
18	3290-378	Tie - Cable	2

Ref. No.	Part No.	Description	No. Used
19	3253-21	Washer - Lock	4
21	3296-2	Nut - Lock	6
22	92-5720	Controller	1
23	32149-7	Nut - Keps	3
24	67-7160	Block - Fuse	4
25	3234-14	Screw - Cap Hex. Hd.	2
26	69-8210	Support - Cover	1
27	32128-20	Nut - Flange Lock	2
32	80-4890	Decal - Service	1
33	218-581	Fuse - 15A	6
34	92-8661	Tab	3
35	3229-8	Bolt - Carriage	3
36	32149-2	Nut - Keps	3
*	88-9420	Wire Harness Assembly (Incl. Ref. #24)	1
*	218-573	Fuse - 5A	1
*	3290-378	Tie - Cable	25

*Not Illustrated

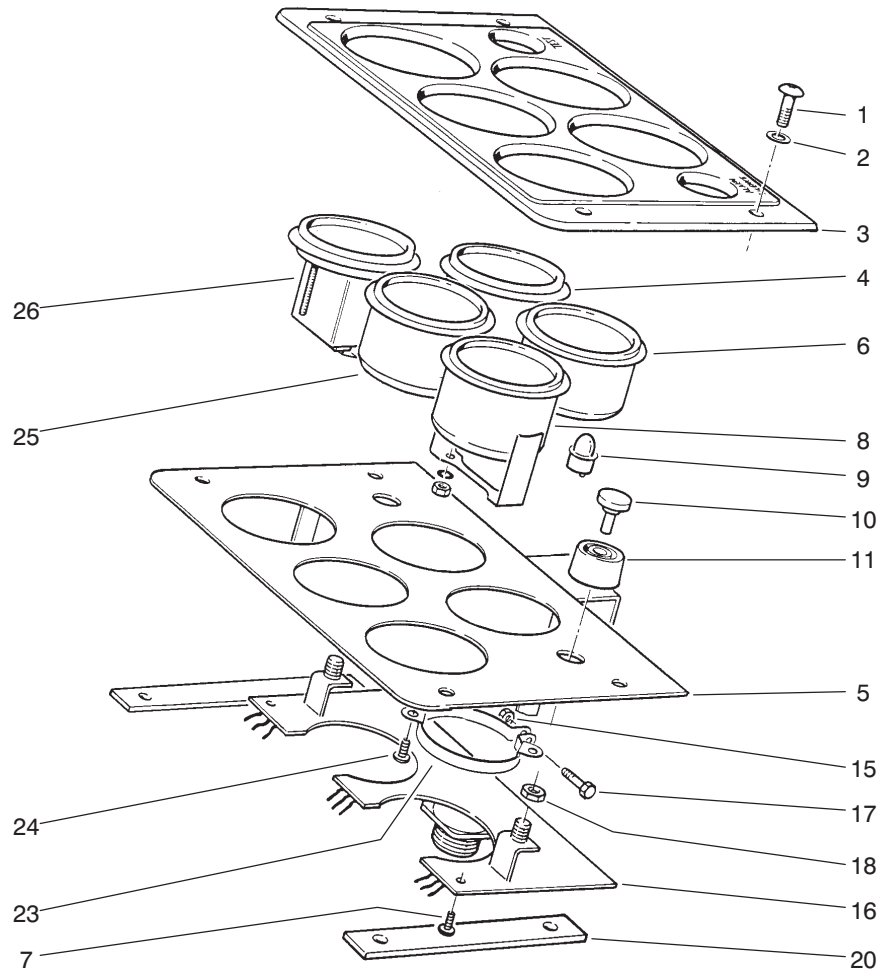


T-1458-1

DIAGNOSTIC DISPLAY ASSEMBLY

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

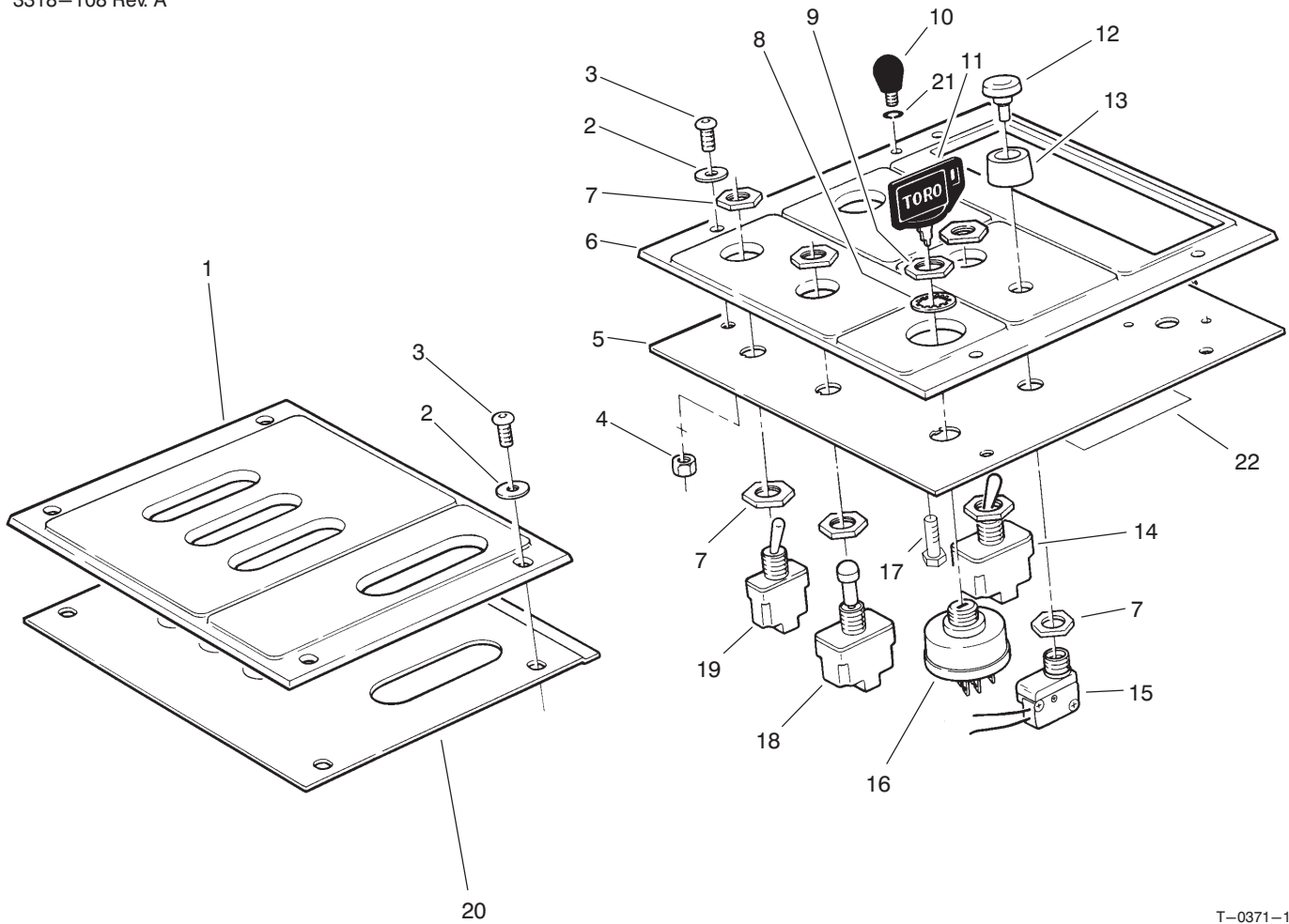
Ref. No.	Part No.	Description	No. Used
2	85-4750	Display - Diagnostic	1



T-1448-1

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



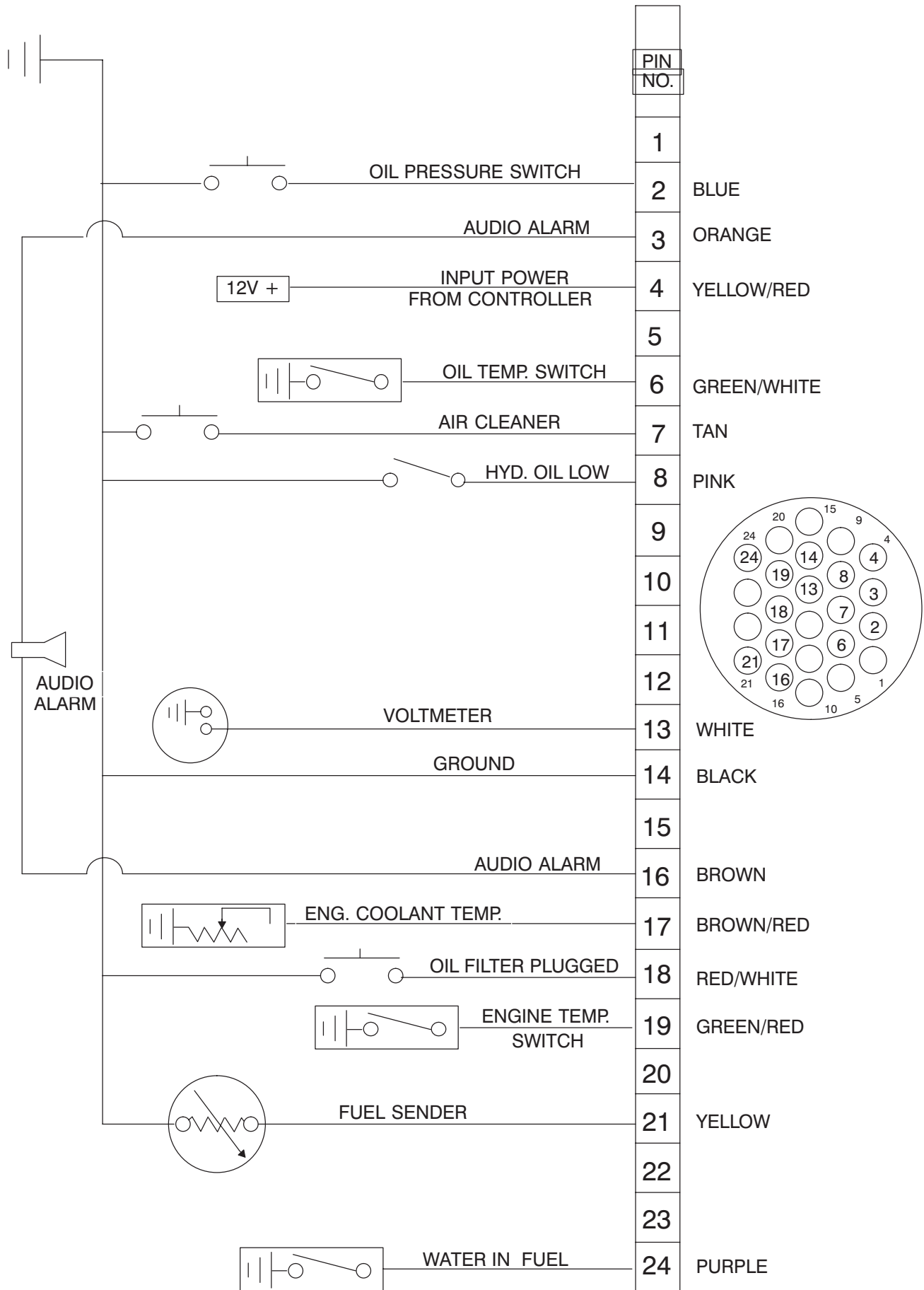
T-0371-1

LOWER CONTROL PANEL ASSEMBLY

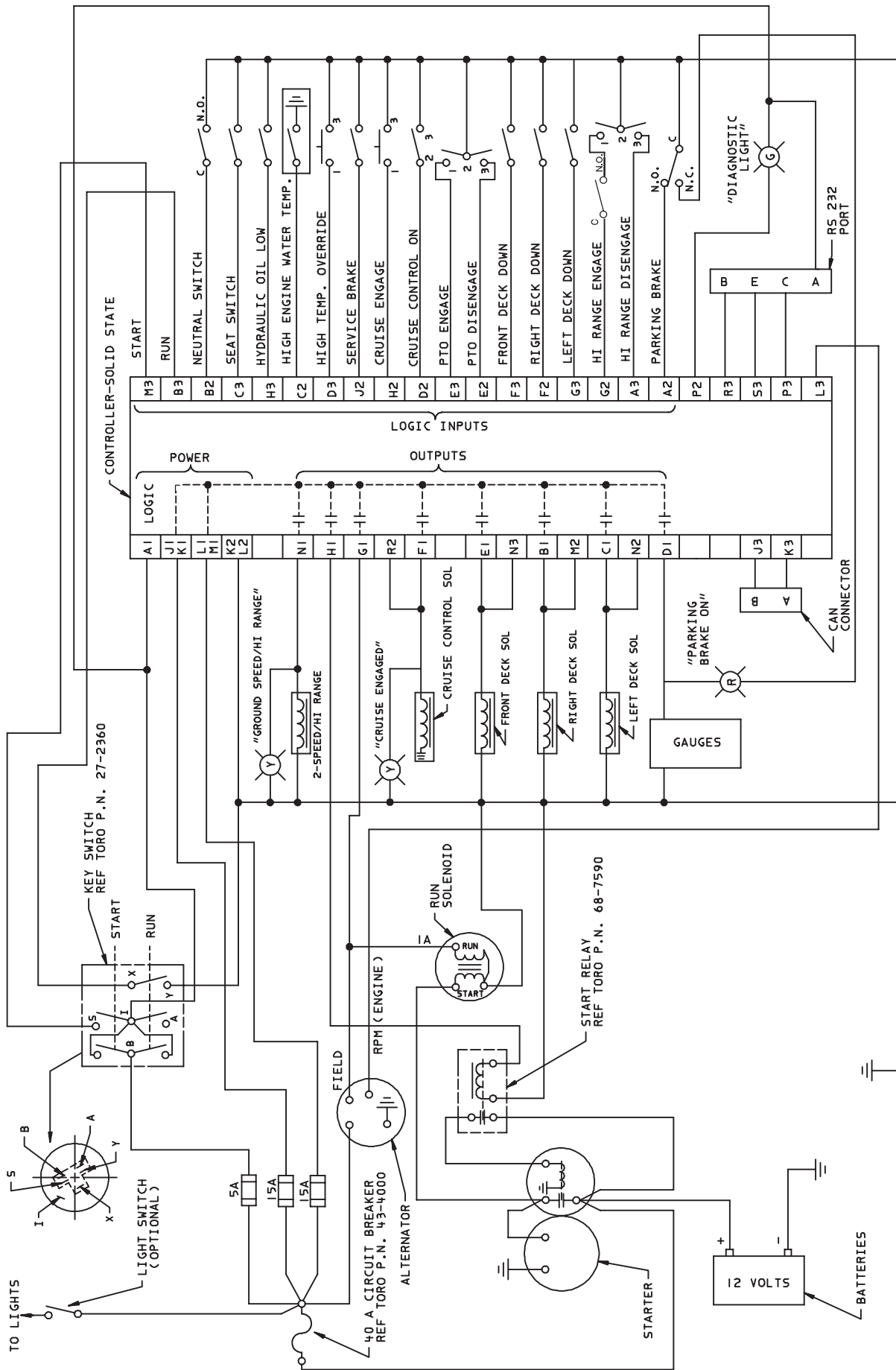
Ref. No.	Part No.	Description	No. Used
1	69-0980	Panel - Lever	1
2	3256-22	Washer - Flat	8
3	3290-133	Screw - Round Hd.	8
4	3296-42	Nut - Lock	4
5	71-2460	Plate - Control	1
6	69-0990	Panel - Control	1
7	218-498	Nut - Hex	10
8	218-447	Washer - Lock	1
9	218-446	Nut - Hex	1
10	233-66	Knob	1
11	63-8360	Key - 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

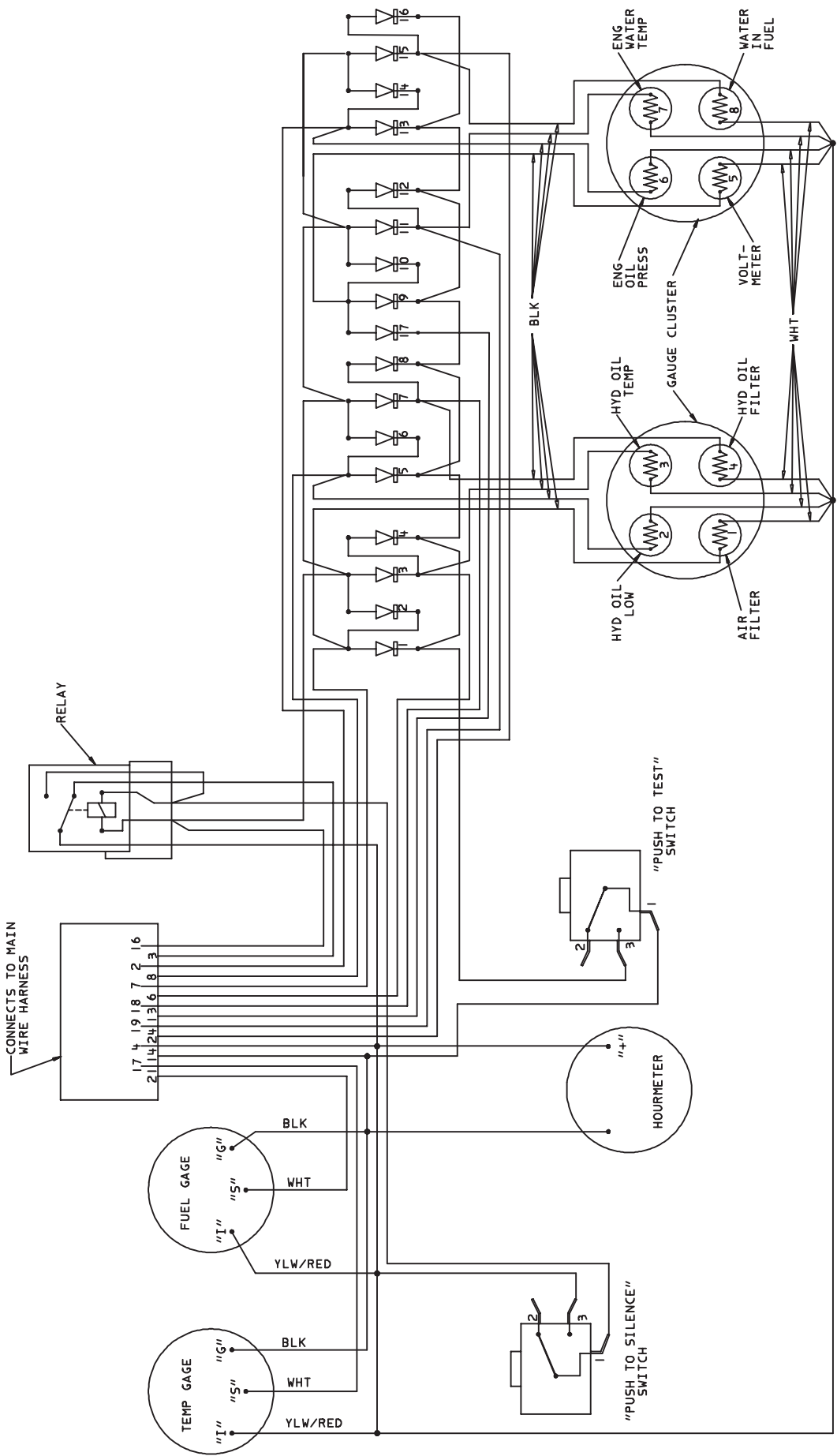


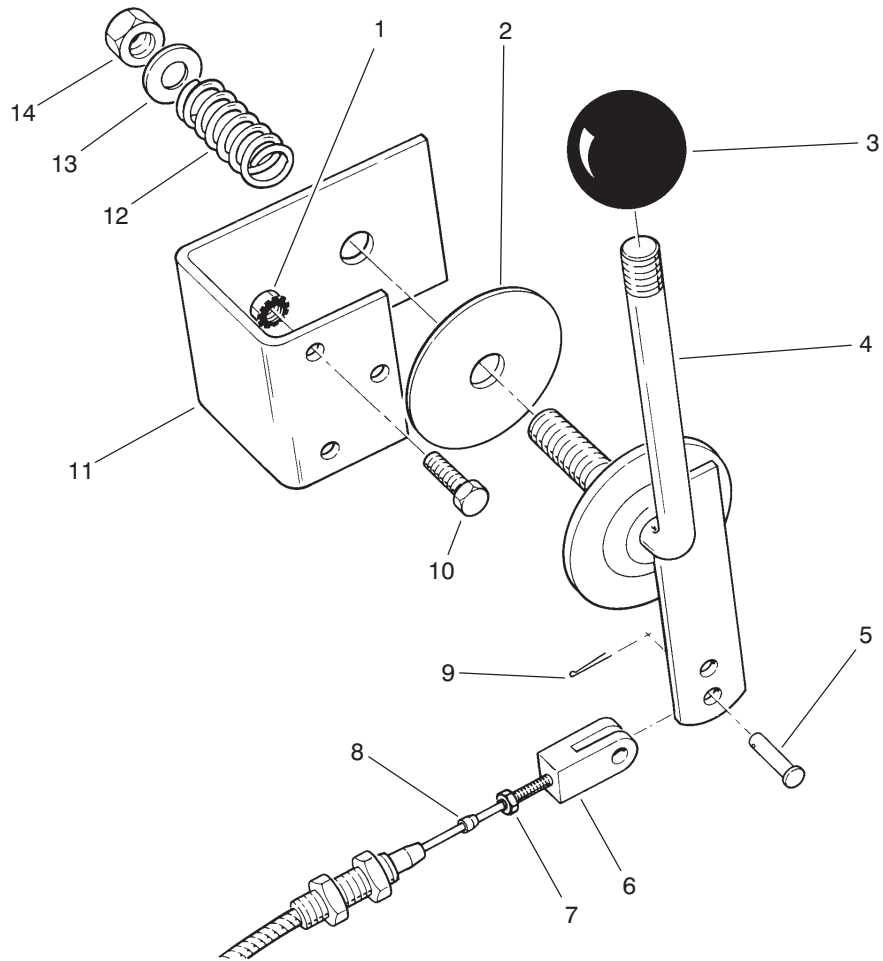
CONTROLLER ELECTRICAL SCHEMATIC



CONNECTION DIAGRAM

OPERATORS CONTROL PANEL ELECTRICAL SCHEMATIC





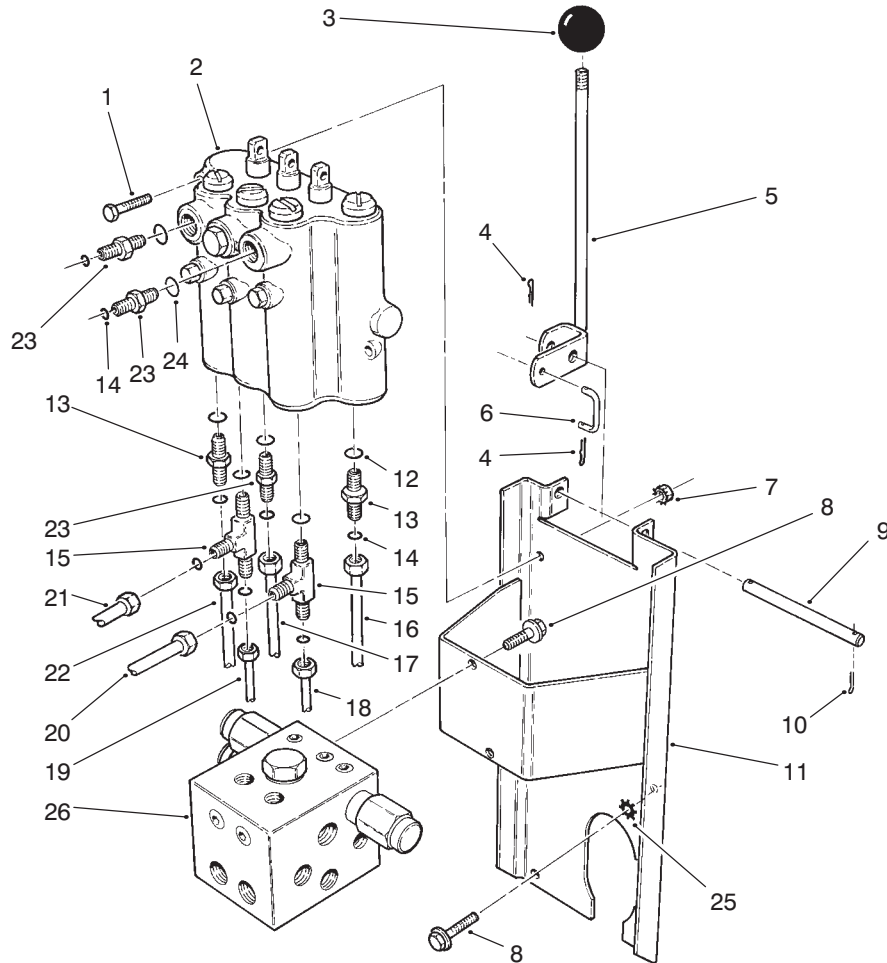
T-0352-1

THROTTLE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3296-42	Nut - Keps	3
2	3-2858	Disc - Friction	1
3	233-48	Knob	1
4	69-8040	Arm - Throttle	1
5	283-67	Pin - Clevis Arm End	1
*	69-0090	Pin - Clevis Engine End	1
6	282-28	Clevis - Adjustable	2
7	3219-14	Nut - Hex.	2

Ref. No.	Part No.	Description	No. Used
8	77-2990	Cable - Throttle	1
9	3272-1	Pin - Cotter	3
10	321-3	Screw - Cap Hex. Hd.	3
11	69-9130	Bracket - Throttle	1
12	3-8596	Spring - Compression	1
13	3256-26	Washer - Flat	1
14	3296-23	Nut - Lock	1

*Not Illustrated

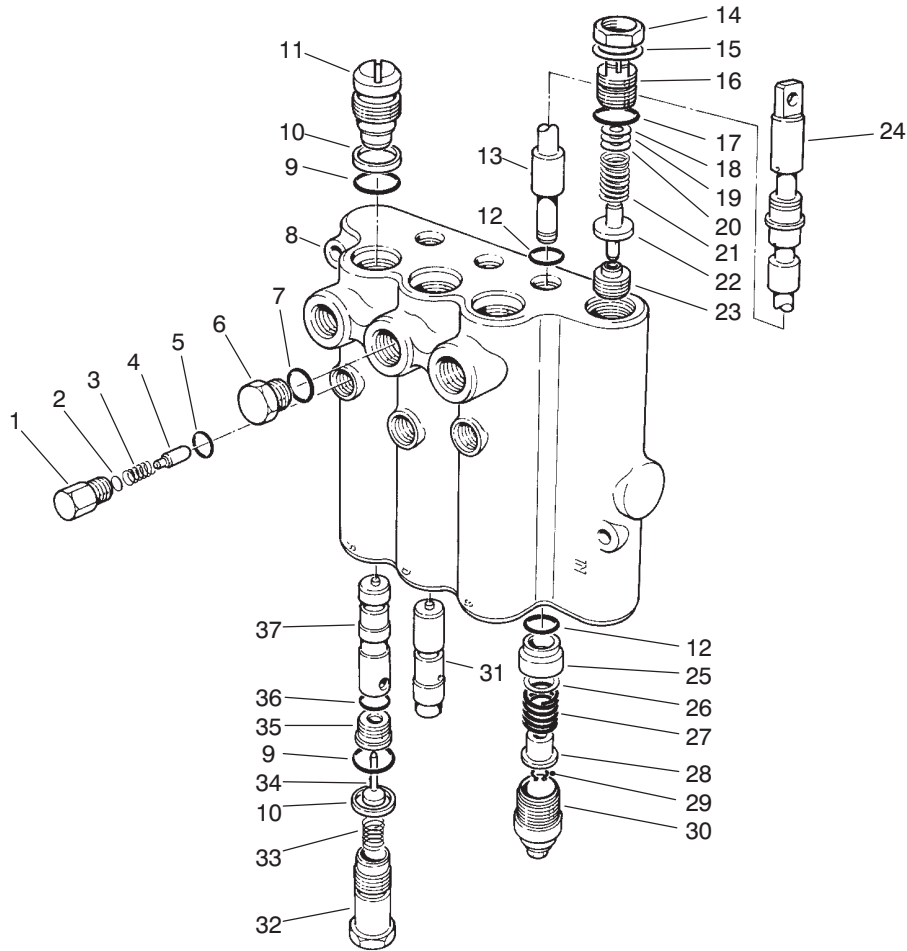


T-0355-1

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-0379-1

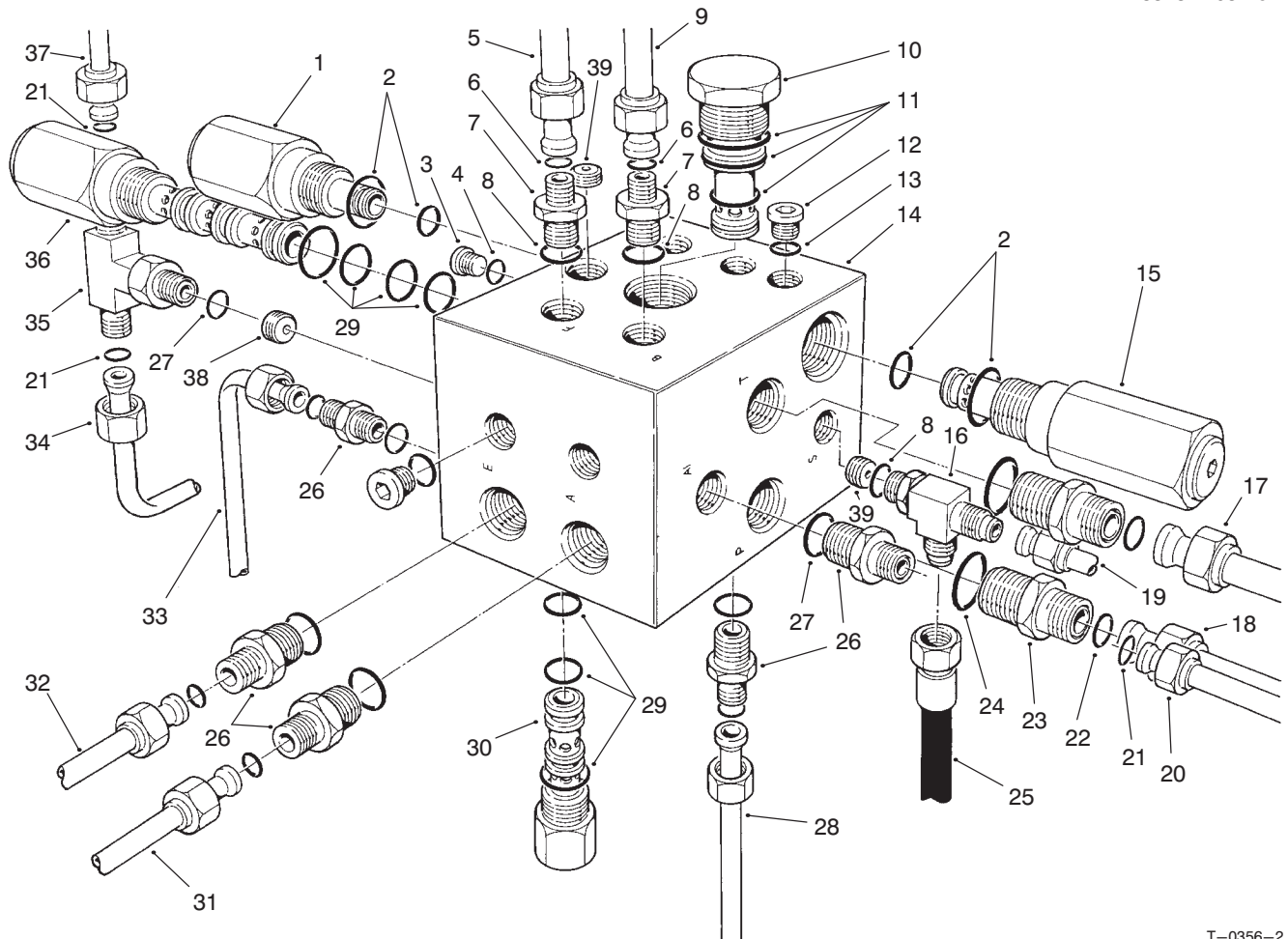
LIFT VALVE ASSEMBLY NO. 69-1780

Ref. No.	Part No.	Description	No. Used
1	58-6780	Plug Assy. (Incl. Ref. #5)	3
2	60-6450	Disc	A/R
3	58-6760	Spring	3
4	58-6770	Plunger - Detent	3
5	58-6790	Seal - O-Ring	3
6	58-6710	Plug Assy. (Incl. Ref. #7)	1
7	58-6720	Seal - O-Ring	1
†8		Body	1
9	60-5720	Seal - O-Ring	6
10	58-6370	Washer - Back-Up	6
11	58-6350	Plug Assembly (Incl. Ref. #9-10)	3
12	58-6450	Seal - O-Ring	6
†13		Spool	3
14		Nut - Lock	1
15		Washer	1
16	69-1830	Plug Assembly (Incl. Ref. #14, 15 & 17)	1
17	58-6750	Seal - O-Ring	1
18	58-6470	Washer	A/R
19	58-6480	Washer	A/R
20	58-6490	Washer	A/R

Ref. No.	Part No.	Description	No. Used
21	69-1820	Spring - Black	1
22	58-6440	Poppet	1
†23		Seat	1
24	58-6320	Wiper - Seal	3
25	58-6400	Bushing	3
26	58-6700	Washer	3
27	58-6730	Spring	3
28	58-6310	Spacer	3
29	58-6460	Ring - Retaining	3
30	58-6420	Cap Assembly	3
31	69-1840	Plunger	1
32	69-1800	Plug Assembly (Incl. Ref. #9-10)	3
33	69-1810	Spring	3
34	58-6290	Poppet Assembly	3
35	58-6330	Seat Assy. (Incl. Ref. #36)	3
36	58-6340	Seal - O-Ring	3
37	69-1790	Plunger	2
*	60-3780	Seal Kit (Incl. Ref. #5, 7, 9, 10, 12, 17, 24, 29, 34, & 36)	

*Not Illustrated

†Not Serviceable Separately



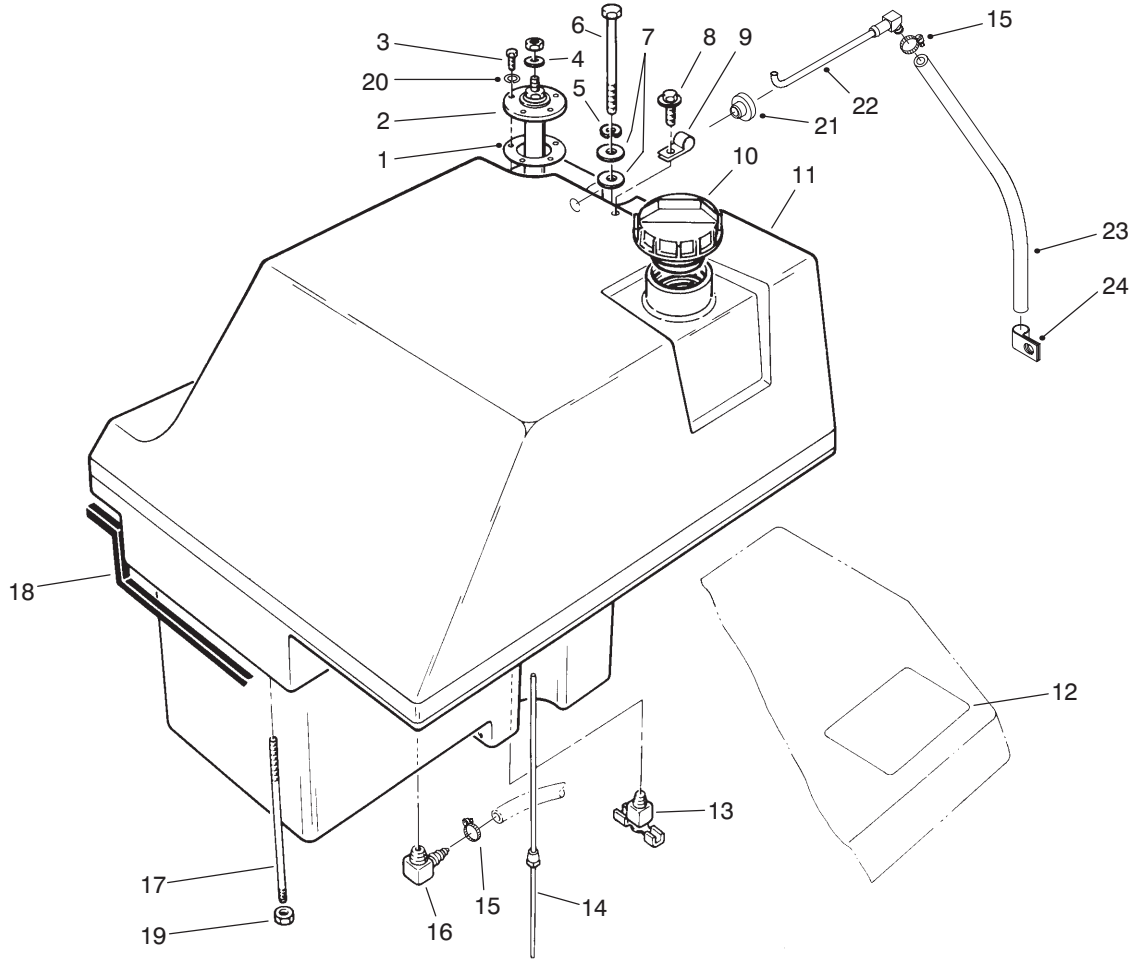
T-0356-2

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

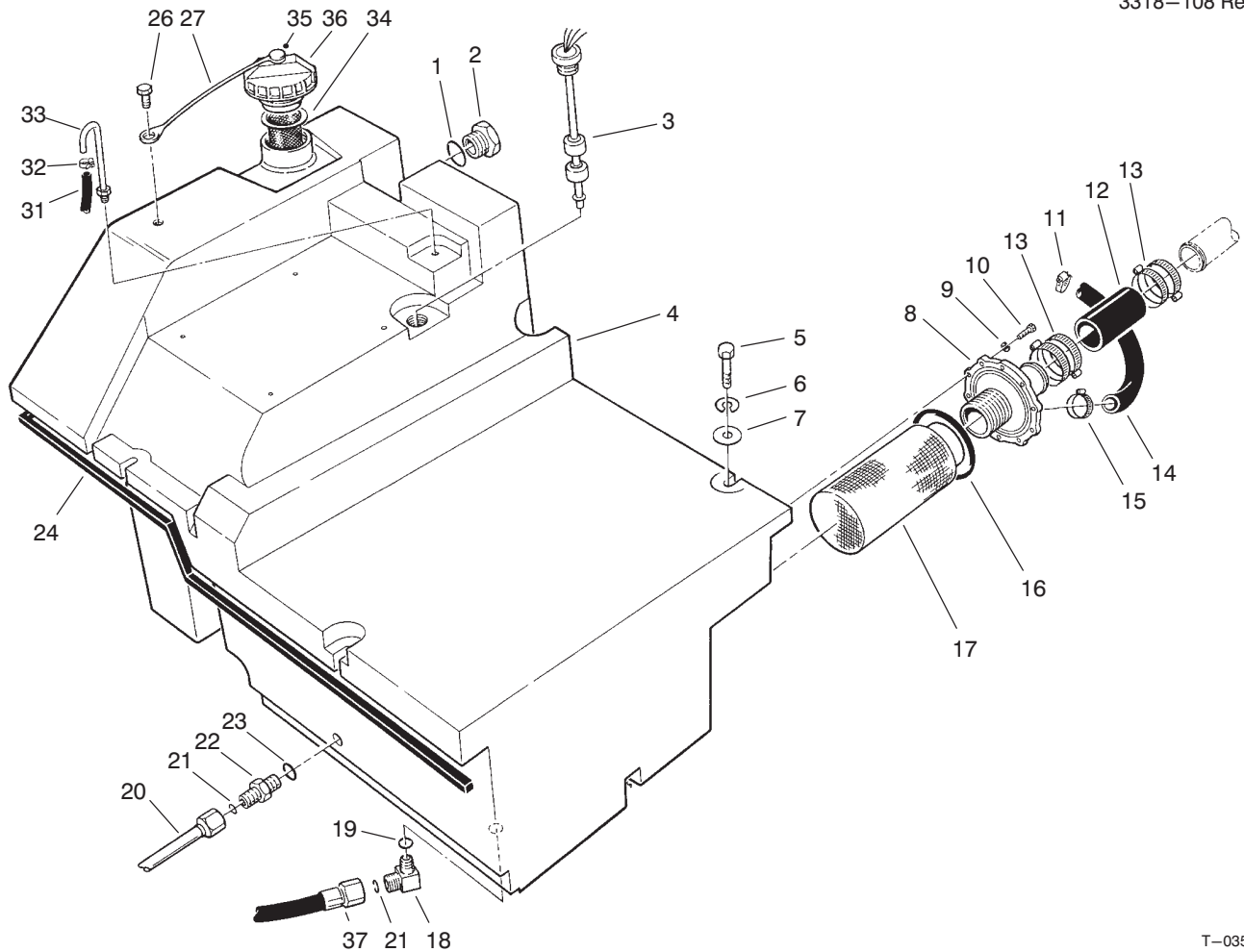


T-0353-2

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	14	69-7200	Tube - Vent (Serial No. 60001-60191)	1
2	70-6990	Level Sensing Unit Assembly	1	15	2412-108	Clamp - Hose	2
3	32122-24	Screw - Cap Hex. Hd.	5	16	353-536	Fitting - Fuel 90° Elbow	1
4	5-3637	Spacer - Terminal	1	17	72-9550	Stud - Fuel Tank	1
5	3253-21	Washer - Lock	2	18	68-7572	Strip - Sealing	1
6	323-21	Screw - Cap Hex. Hd.	1	19	3217-7	Nut - Hex.	1
7	3256-5	Washer - Flat	2	20	3253-15	Washer - Lock	5
8	3234-13	Screw - Hex. Washer Hd.	1	21	46-6560	Bushing (Serial No. 60192 & Up)	1
9	2412-89	Clamp - R	1	22	94-3310	Tube - Vent (Serial No. 60192 & Up)	1
10	93-3102	Cap - Fuel	1	23	94-3311	Hose - Fuel (Serial No. 60192 & Up)	1
11	80-0010	Tank - Fuel (Serial No. 60001-60191)	1	24	2412-138	Clamp - R (Serial No. 60192 & Up)	1
*	94-2865	Tank - Fuel (Serial No. 60192 & Up)	1				
12	69-0930	Decal - Warning	1				
13	304-46	Drain - Fuel Tank	1				

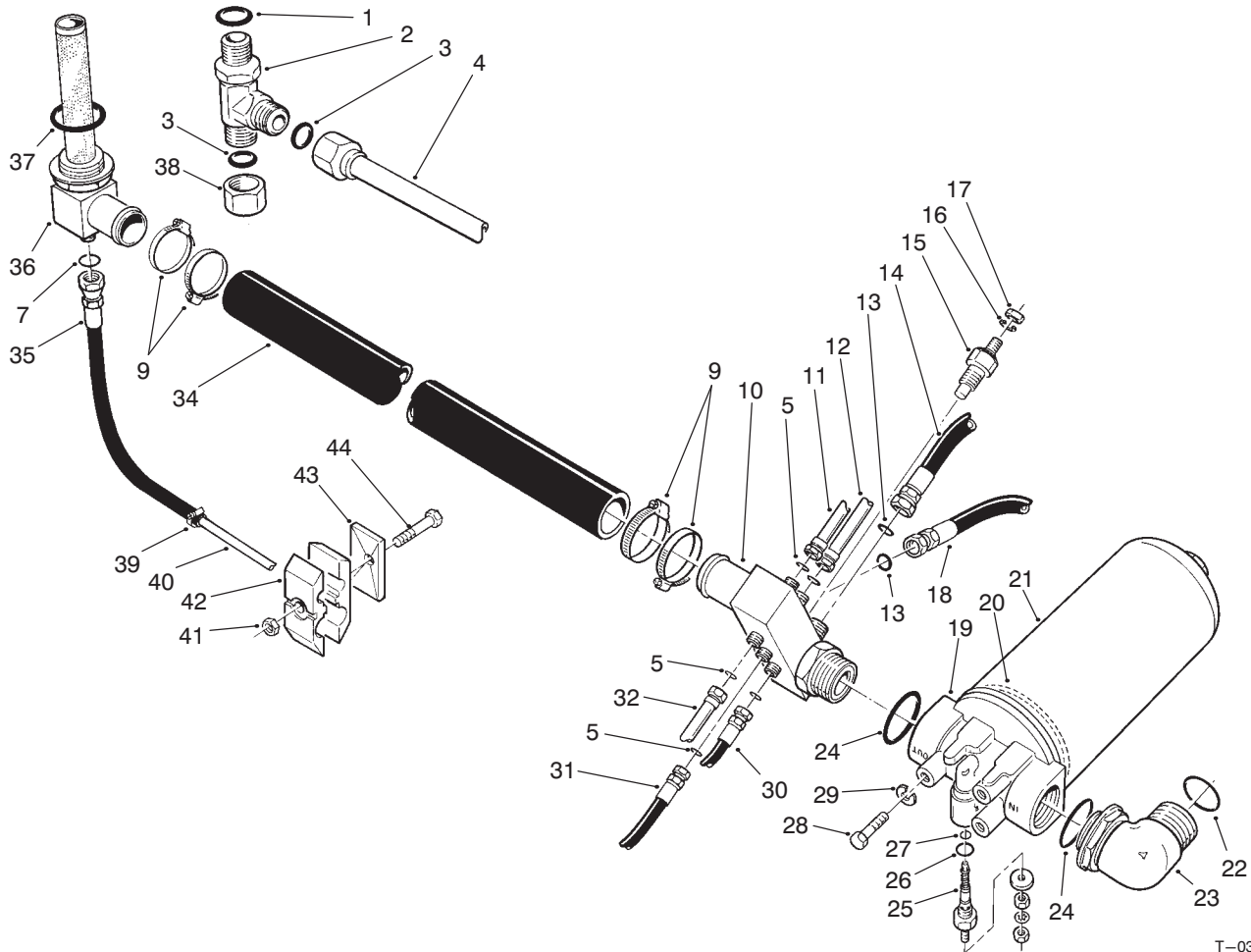
* Not Illustrated.



T-0354-2

HYDRAULIC TANK ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	237-81	Seal - O-Ring	1	18	340-130	Fitting - Hydraulic 90° (Incl. Ref. #19 & 21)	1
2	69-1170	Gauge - Sight (Incl. Ref. #1)	1	19	237-80	Seal - O-Ring	3
3	85-6260	Level Sensing Unit	1	20	69-5800	Tube - Hydraulic	1
4	94-1893	Tank - Hydraulic	1	21	237-22	Seal - O-Ring	2
5	323-10	Screw - Cap Hex. Hd.	4	22	340-3	Fitting - Hydraulic Straight (Incl. Ref. #21 & 23)	1
6	3253-21	Washer - Lock	4	23	237-79	Seal - O-Ring	1
7	5-3177	Washer - Flat	4	24	68-7571	Strip - Sealing	1
8	69-1610	Adapter - Suction Hose	1	26	321-2	Screw - Cap, Hex. Hd.	1
9	3253-3	Washer - Lock	10	27	75-0540	Tether - Cap, Reservoir	1
10	321-5	Screw - Cap Hex. Hd.	10	31	71-2680	Hose - Vent	1
11	2412-34	Clamp - Hose	1	32	2412-108	Clamp - Hose	1
12	69-5640	Hose - Suction	1	33	69-4280	Tube - Hydraulic Vent	1
13	2412-42	Clamp - Hose	4	34	61-2790	Filler - Screen	1
14	94-1892	Hose - Auxiliary Suction	1	35	2410-73	Pin - Tether	1
15	2412-3	Clamp - Hose	1	36	93-3103	Cap - Hydraulic (Incl. Ref. #27 & 35)	1
16	237-157	Seal - O-Ring	1	37	92-4970	Hose - Hydraulic	1
17	69-1650	Screen - Suction	1				



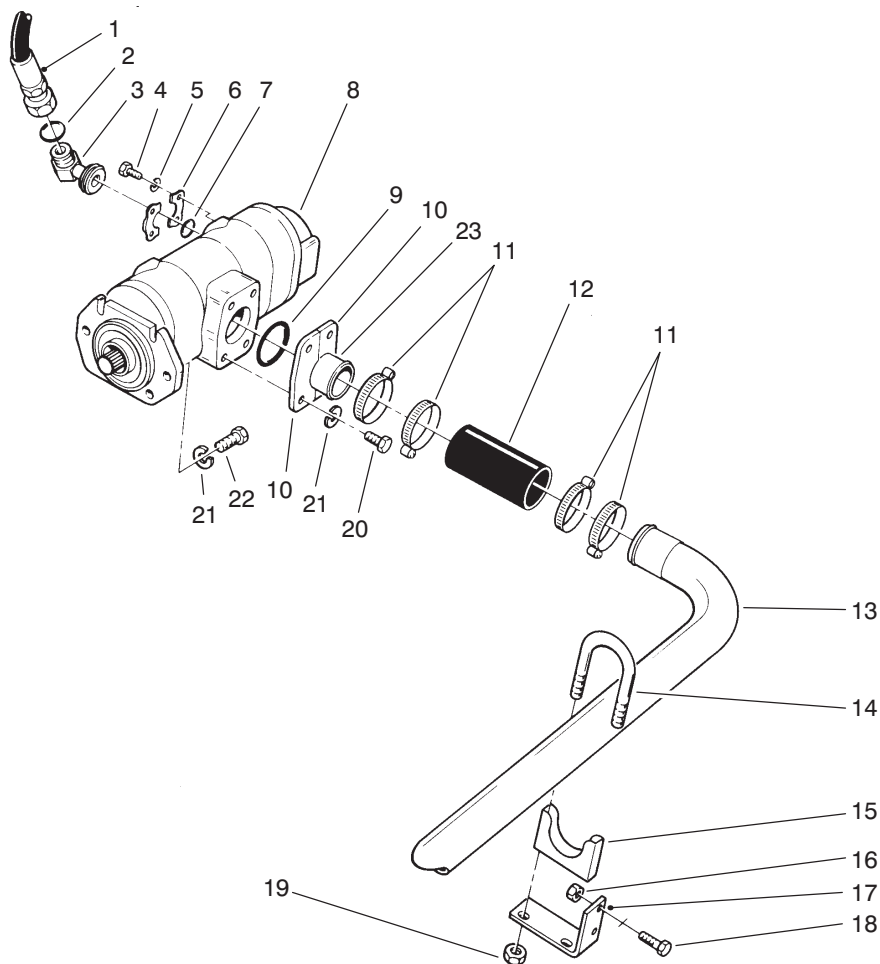
T-0367-1

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.

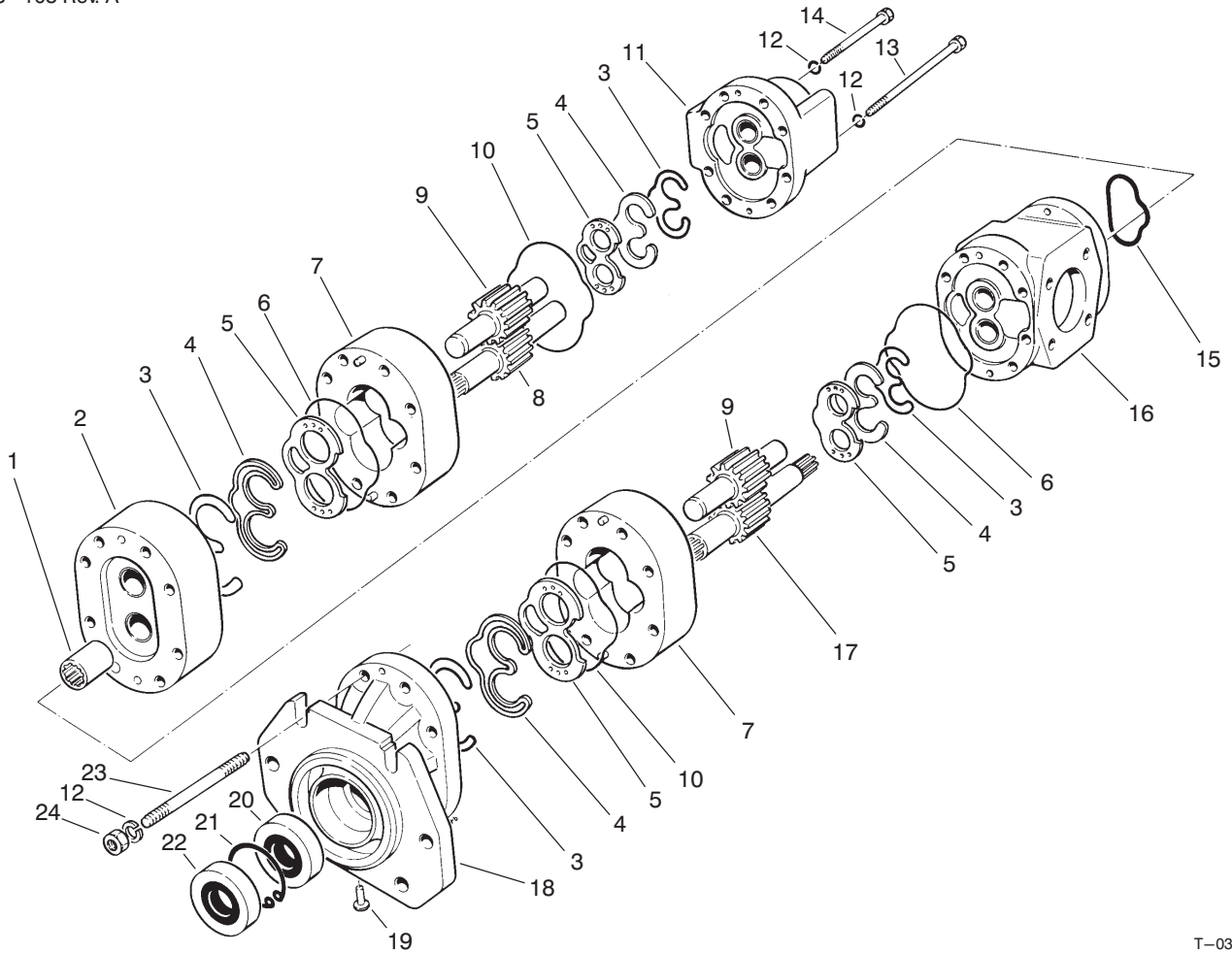


T-0349-1

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	94-1891	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.

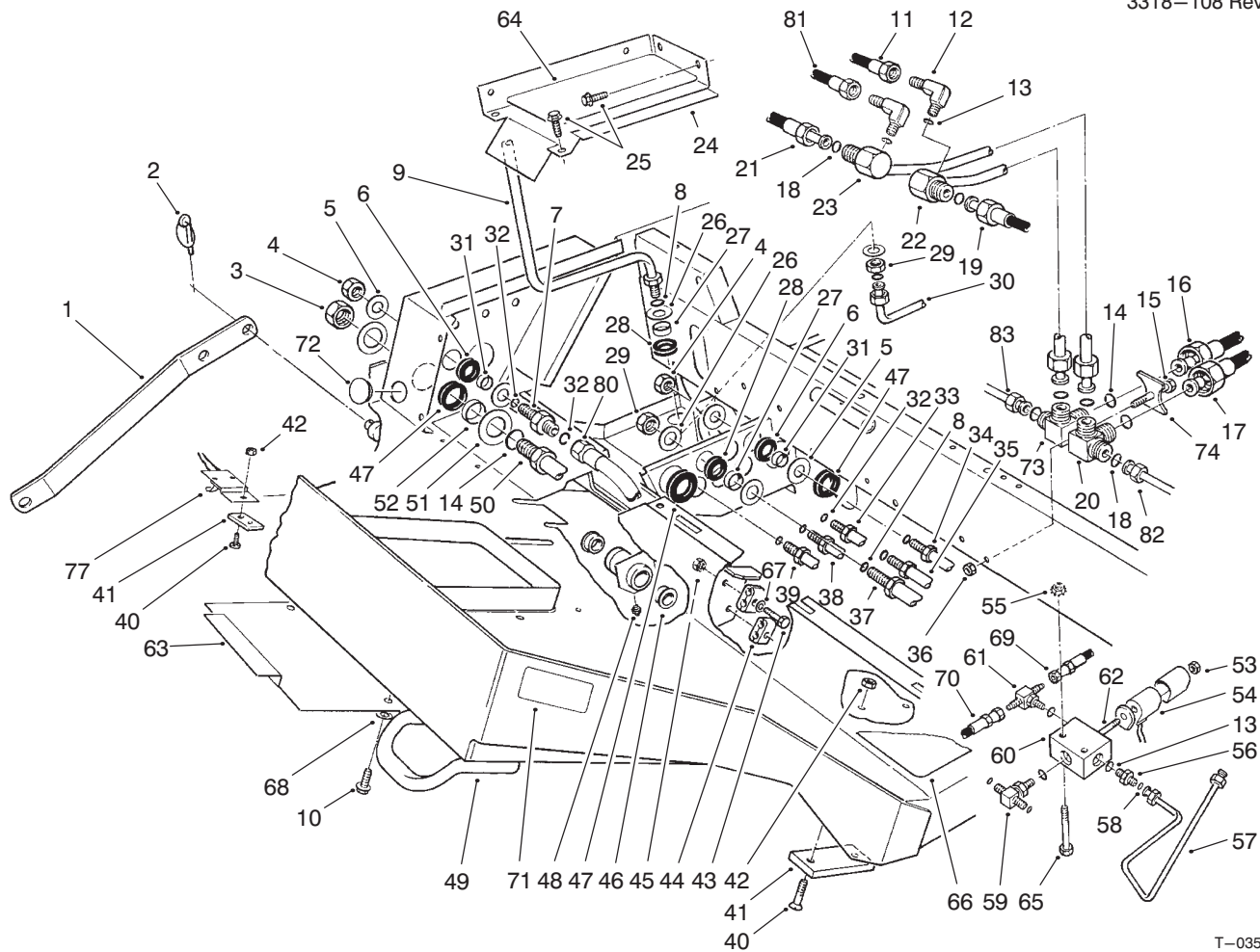


T-0382-1

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

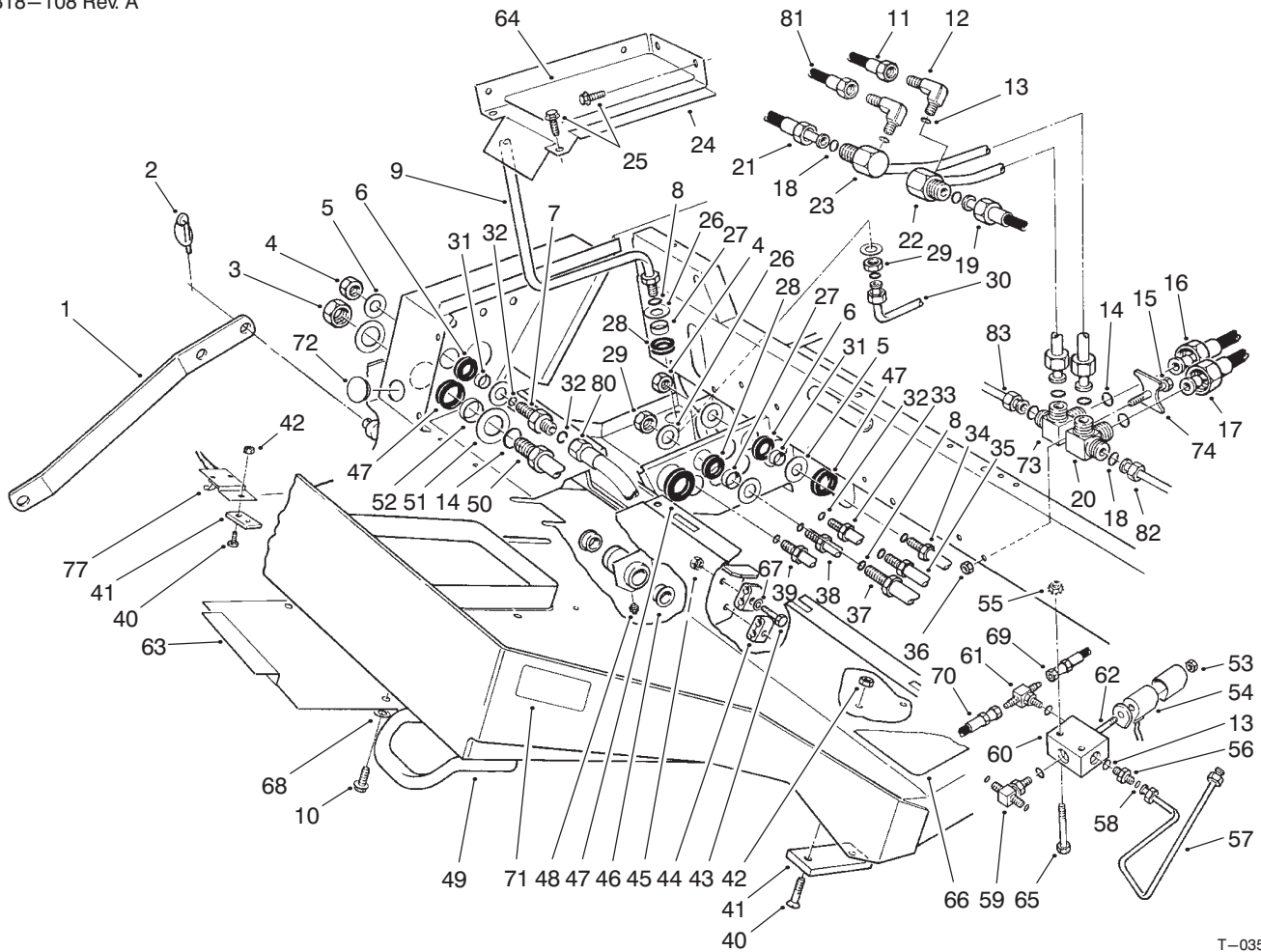


T-0357-2

FRAME ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	85-6190	Link - Deck Tilt	1	22	69-6200	Tube - Hydraulic (Incl. Ref. #18)	1
2	3290-495	Pin - Lynch	2	23	69-6190	Tube - Hydraulic (Incl. Ref. #18)	1
3	340-126	Nut - Bulkhead	2	24	71-2450	Cover - Access	1
4	340-70	Nut - Bulkhead	6	25	3234-14	Screw - Hex. Flange Hd.	4
5	69-8940	Washer	12	26	69-8930	Washer	4
6	240-4	Grommet	6	27	69-8960	Spacer	2
7	340-71	Fitting - Hydraulic Bulkhead (Incl. Ref. #32)	1	28	240-5	Grommet	2
8	237-30	Seal - O-Ring	3	29	340-127	Nut - Bulkhead	2
9	92-4967	Tube - Hydraulic (Incl. Ref. #8)	1	30	85-6150	Tube - Hydraulic	1
10	3234-28	Screw - Hex. Flange Hd.	2	31	69-8970	Spacer	6
11	93-7422	Hose - Hydraulic	1	32	237-22	Seal - O-Ring	7
12	353-375	Fitting - Hydraulic 90° (Incl. Ref. #13)	2	33	69-6050	Tube - Hydraulic (Incl. Ref. #32)	1
13	237-78	Seal - O-Ring	5	34	69-6040	Tube - Hydraulic (Incl. Ref. #32)	1
14	237-58	Seal - O-Ring	4	35	69-6030	Tube - Hydraulic (Incl. Ref. #32)	1
15	3274-86	Screw - Cap Socket Hd.	1	36	32152-1	Nut - Lock	1
16	69-5470	Hose - Hydraulic	1	37	69-5790	Tube - Hydraulic (Incl. Ref. #8)	1
17	69-5480	Hose - Hydraulic	1	38	69-6060	Tube - Hydraulic (Incl. Ref. #32)	1
18	237-65	Seal - O-Ring	6	39	93-7426	Tube - Hydraulic (Incl. Ref. #32)	1
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				

*Not Illustrated



T-0357-2

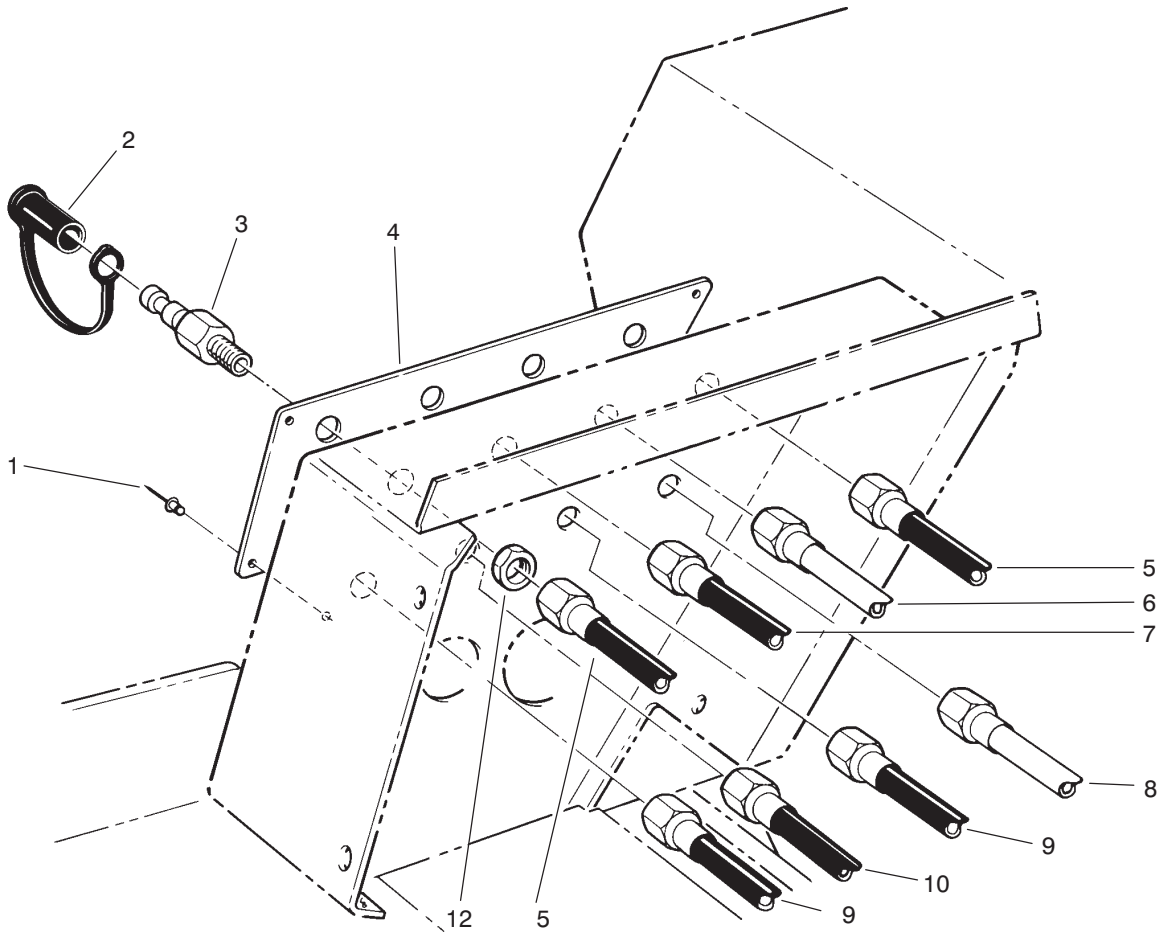
FRAME ASSEMBLY (Continued)

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.

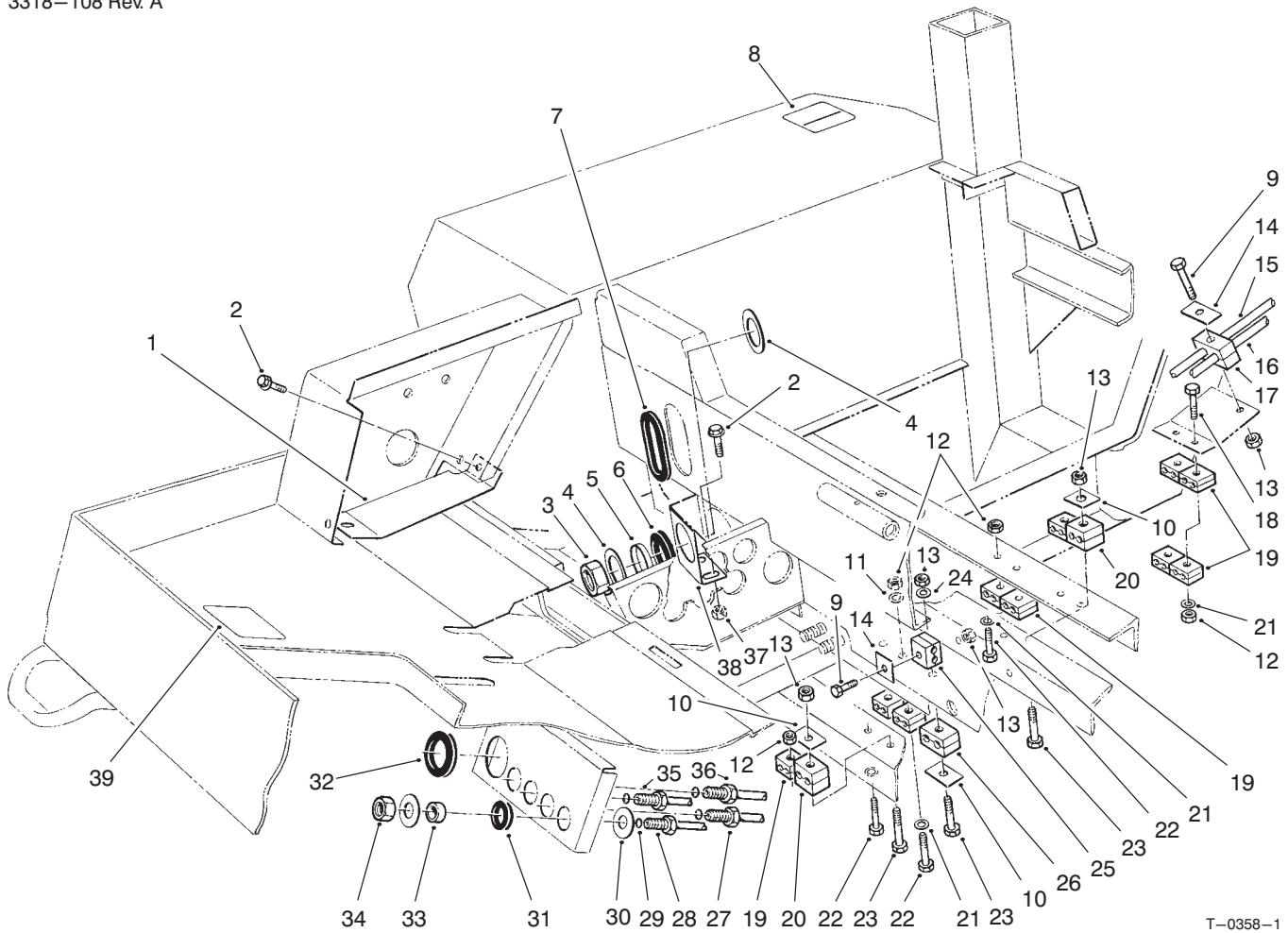


T-0363-1

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 - Hyd. Diagnostic	1

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

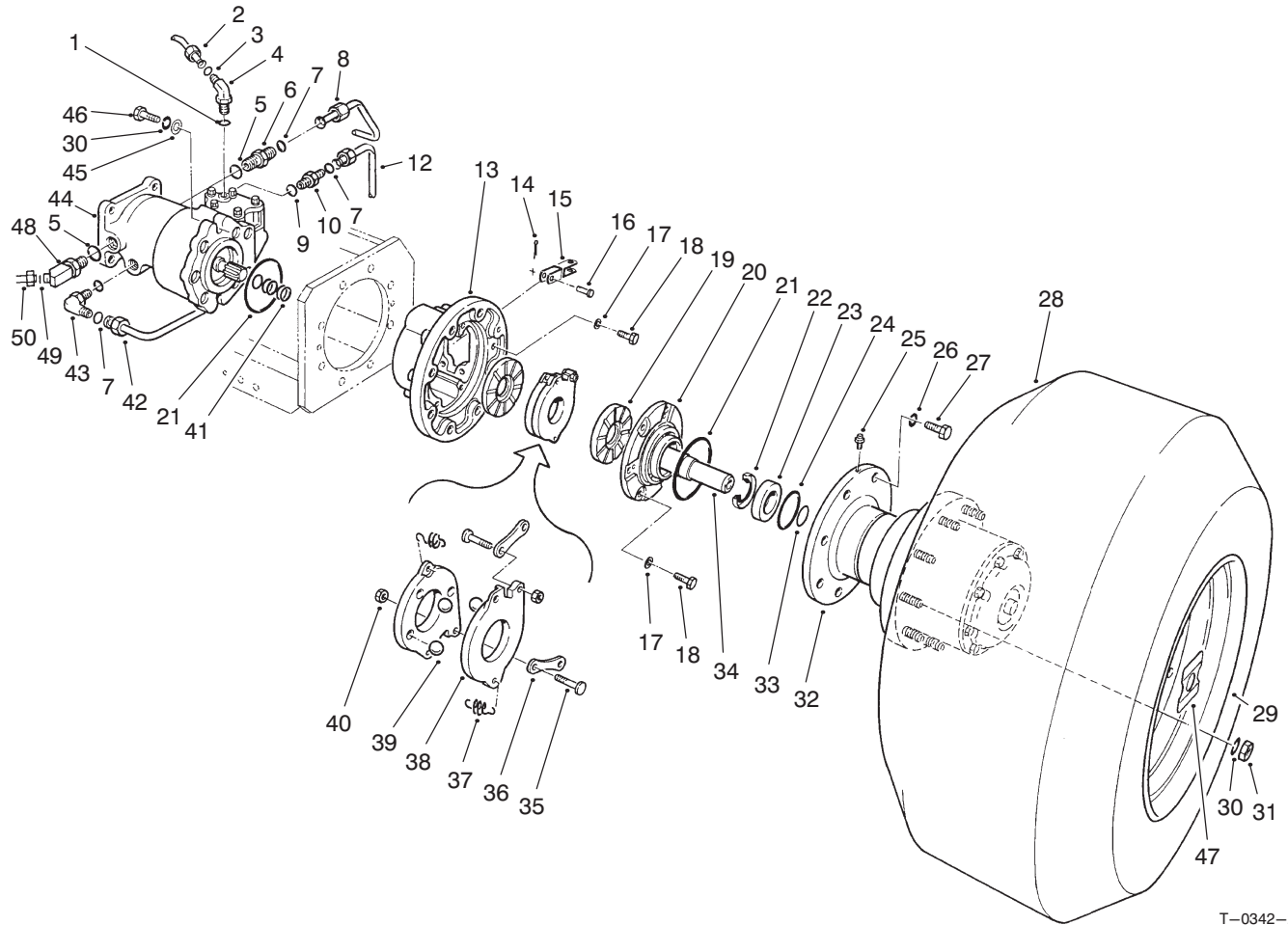


T-0358-1

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



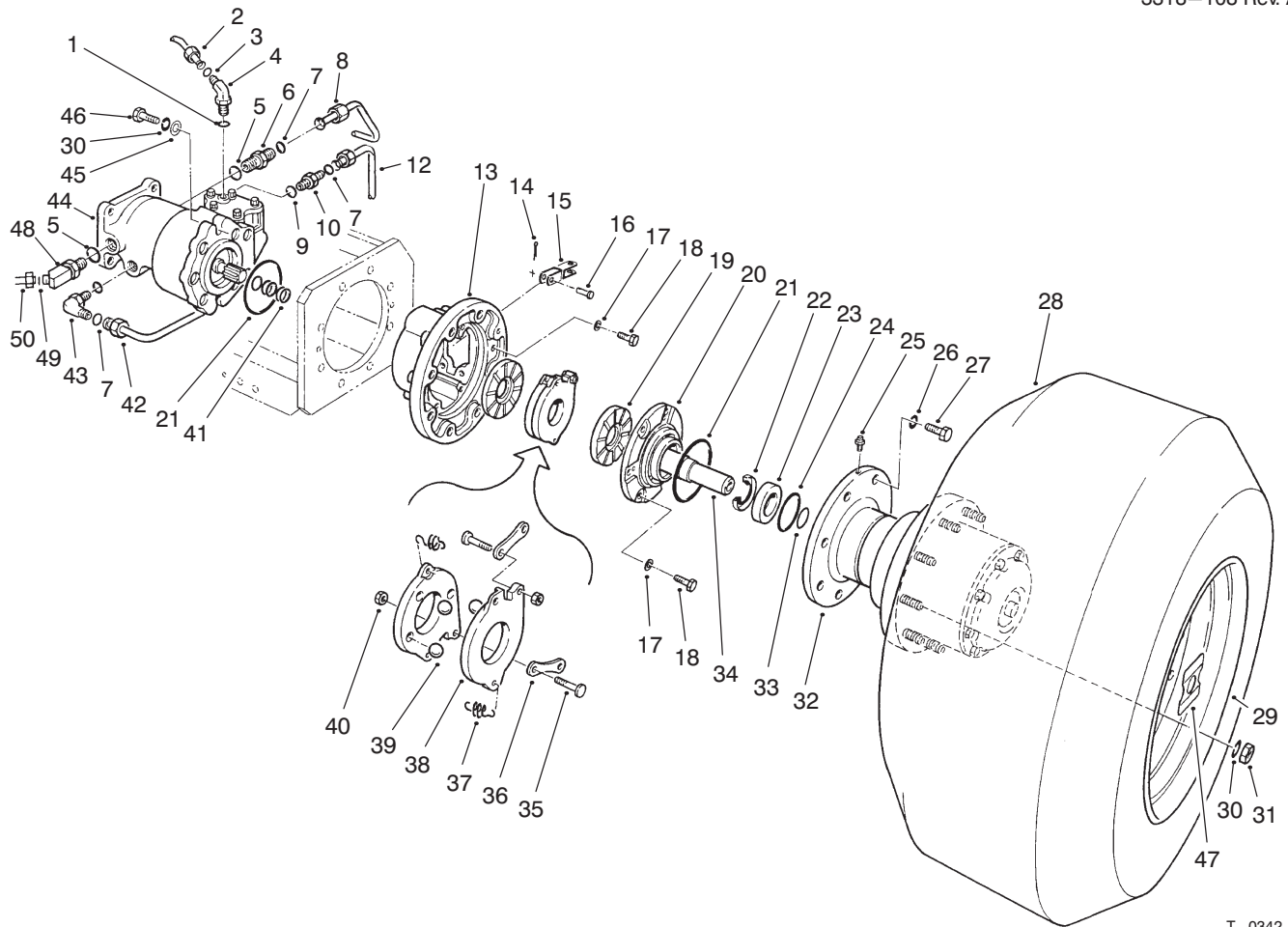
T-0342-2

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

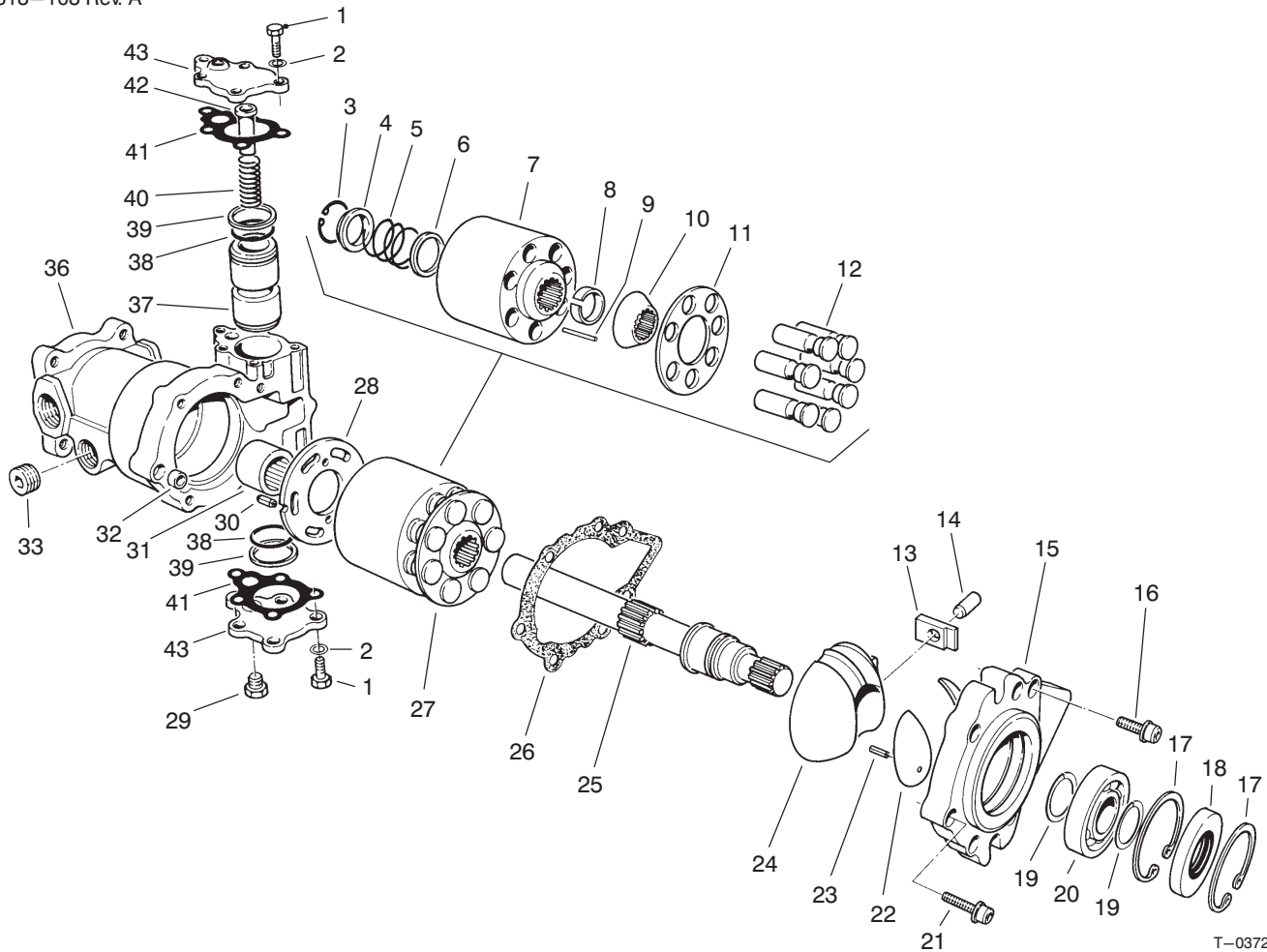


T-0342-2

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-0372-1

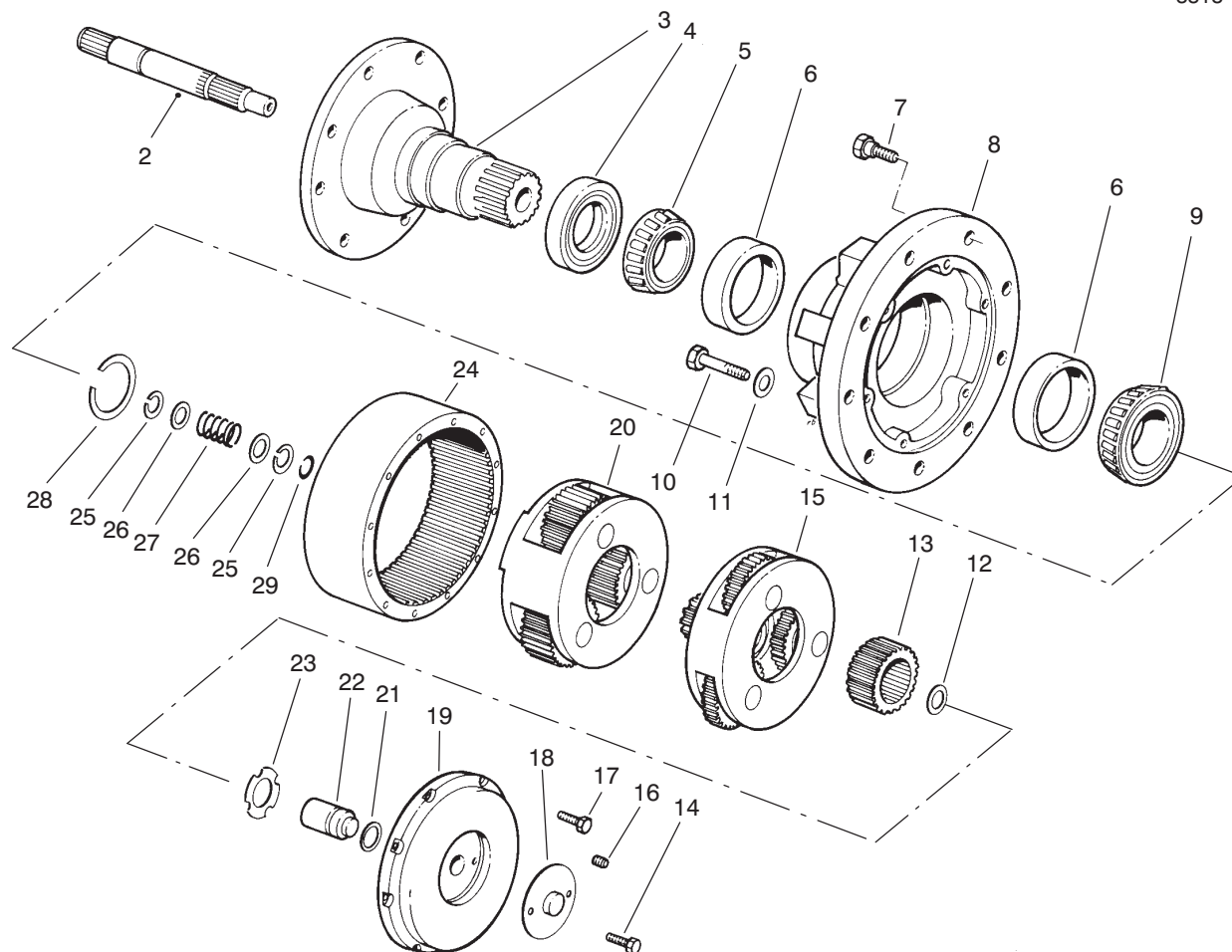
WHEEL MOTOR NO. 69-3050

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.



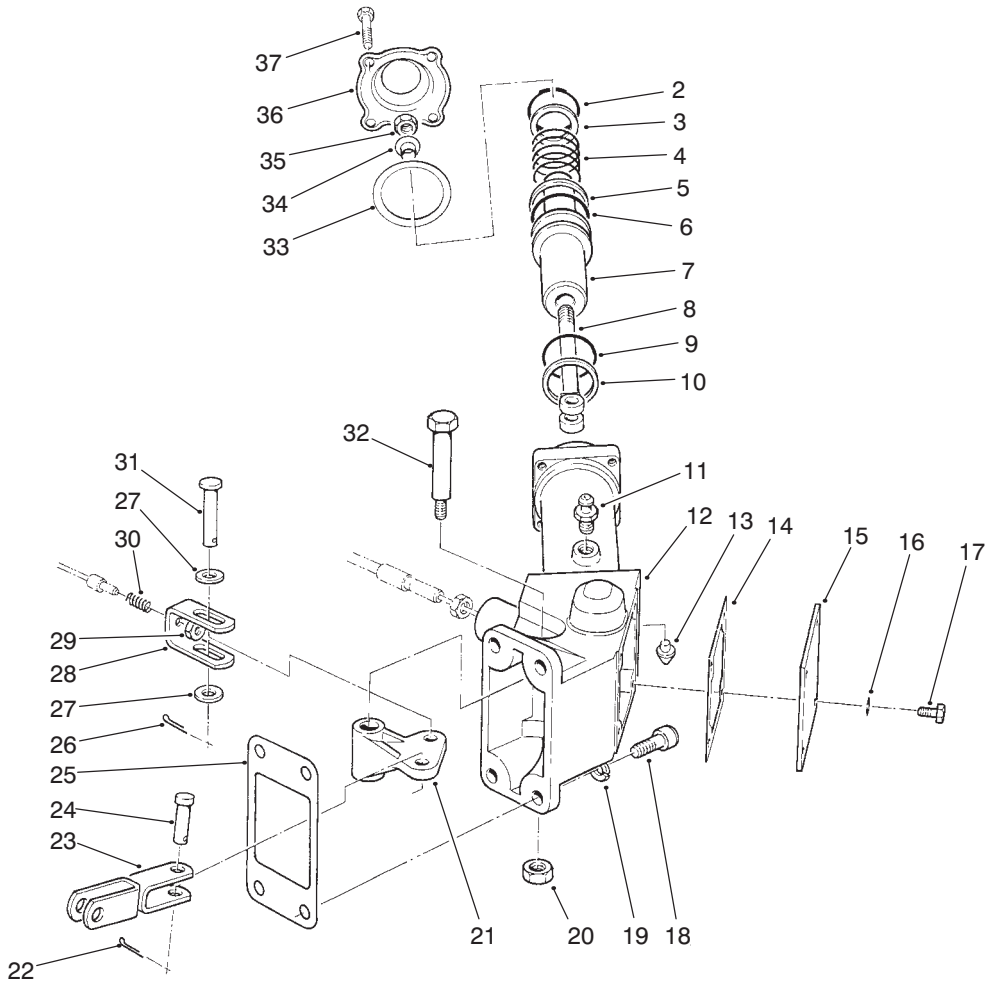
T-0140-1

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.



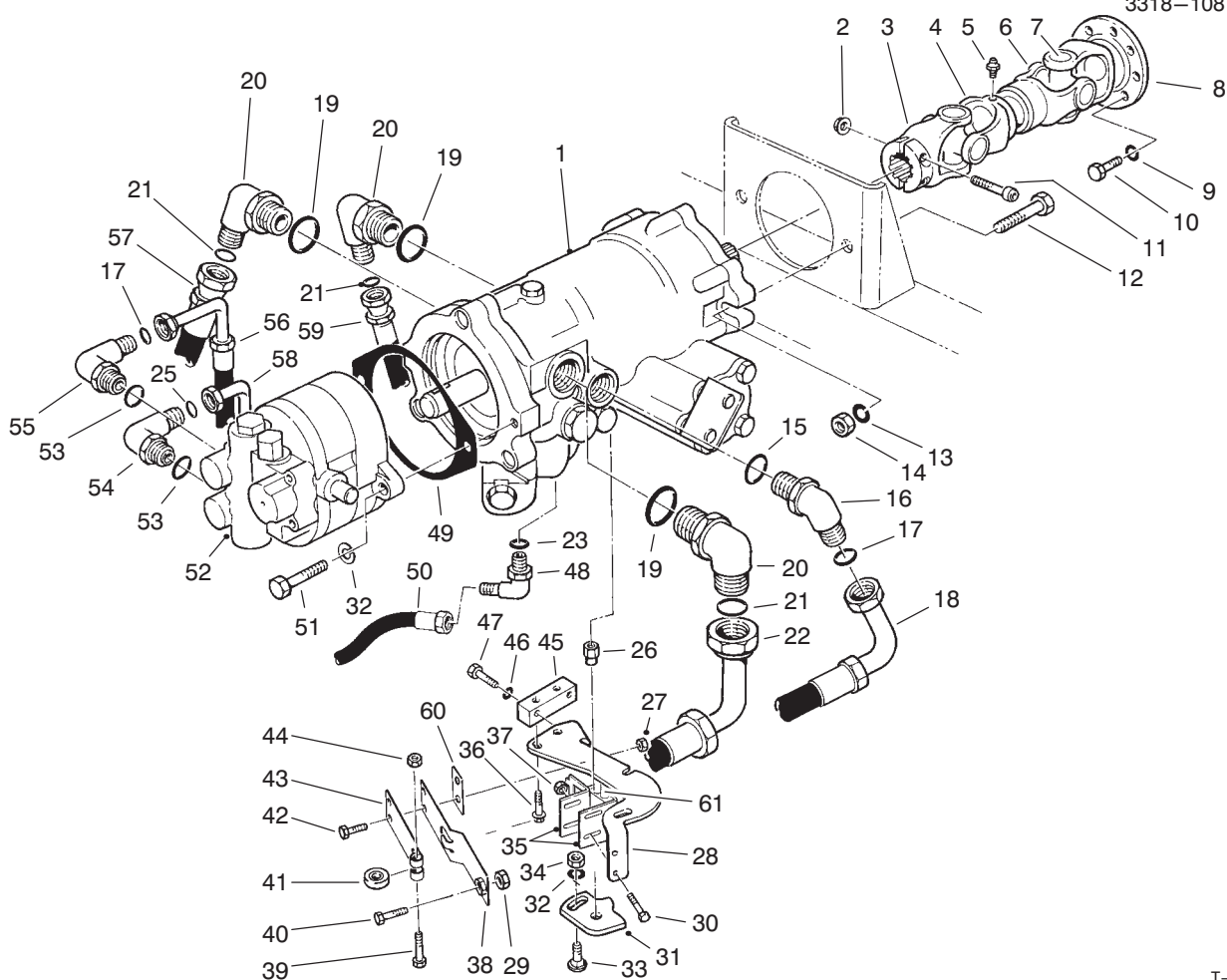
T-1277-1

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

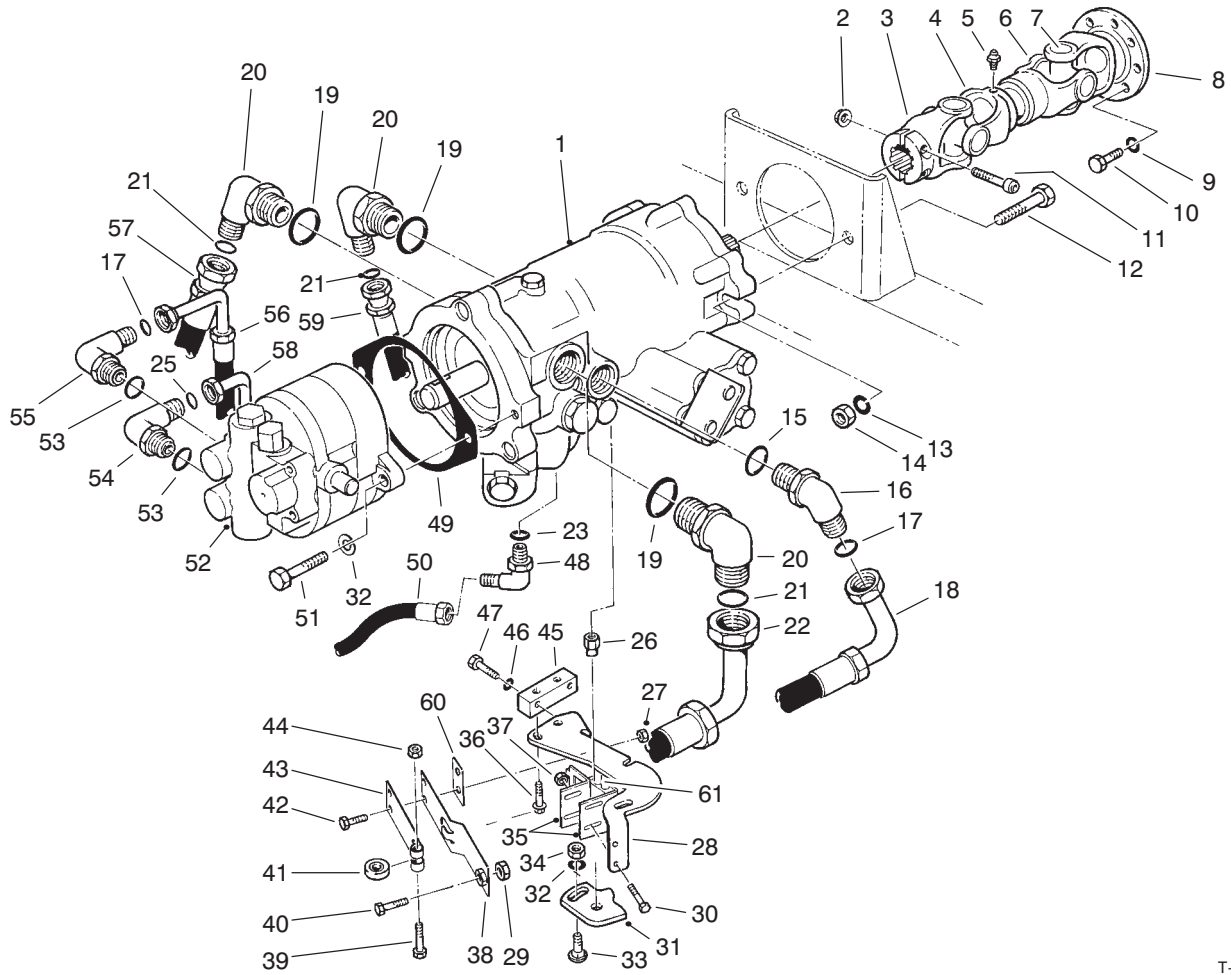
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T-0350-1

VARIABLE DISPLACEMENT PUMP INSTALLATION

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	93-9322	Variable Displacement Pump	1	27	32152-4	Nut - Lock	2
2	32128-21	Nut - Flange Lock	2	28	69-9480	Bracket - Neutral Device	1
3	93-7189	Yoke - Pump End	1	29	3219-2	Nut - Hex.	1
4	93-7191	Tube - Slip Yoke	1	30	32144-1	Screw - Hex. Hd.	2
5	302-2	Fitting - Grease	1	31	69-9040	Cam - Neutral Device	1
6	93-7188	Shaft - Slip Yoke	1	32	3253-21	Washer - Lock	3
7	93-7190	Kit - Universal Joint	2	33	3231-30	Bolt - Carriage	1
8	93-7187	Yoke - Engine End	1	34	3217-7	Nut - Hex.	1
9	48-9570	Washer - Lock	8	35	93-9337	Bracket - Switch	1
10	48-7710	Screw - Cap Hex. Hd.	8	36	3234-13	Screw - Hex. Flange Hd.	4
11	3274-20	Screw - Hex. Socket Hd.	2	37	32127-11	Nut - Flexlok	2
12	325-7	Screw - Cap Hex. Hd.	2	38	29-6170	Leaf Spring Assembly	1
13	3253-7	Washer - Lock	2	39	322-17	Screw - Cap Hex. Hd.	1
14	3217-9	Nut - Hex.	2	40	3210-7	Screw - Cap Hex. Hd.	1
15	237-81	Seal - O-Ring	1	41	251-259	Bearing - Neutral Detent	1
16	340-131	Fitting - Hydraulic Elbow (Incl. Ref. #15 & 17)	1	42	321-4	Screw - Cap Hex. Hd.	2
17	237-30	Seal - O-Ring	2	43	29-6150	Spring - Leaf	1
18	69-5460	Hose - Hydraulic	1	44	32153-3	Nut - Lock	1
19	237-146	Seal - O-Ring	3	45	69-9050	Bar - Neutral Device	1
20	340-15	Fitting - Hydraulic Elbow (Incl. Ref. #19 & 21)	3	46	3253-3	Washer - Lock	2
21	237-58	Seal - O-Ring	3	47	321-10	Screw - Cap Hex. Hd.	2
22	69-5650	Hose - Hydraulic	1	48	340-134	Fitting - Hydraulic Elbow (Incl. Ref. #23)	1
23	237-42	Seal - O-Ring	1	49	41-8760	Gasket - Pump	1
25	237-22	Seal - O-Ring	1	50	93-7424	Hose - Hydraulic	1
26	69-9020	Nut - Special	1	51	323-7	Screw - Cap Hex. Hd	2
				52	69-2220	Pump/Valve	1

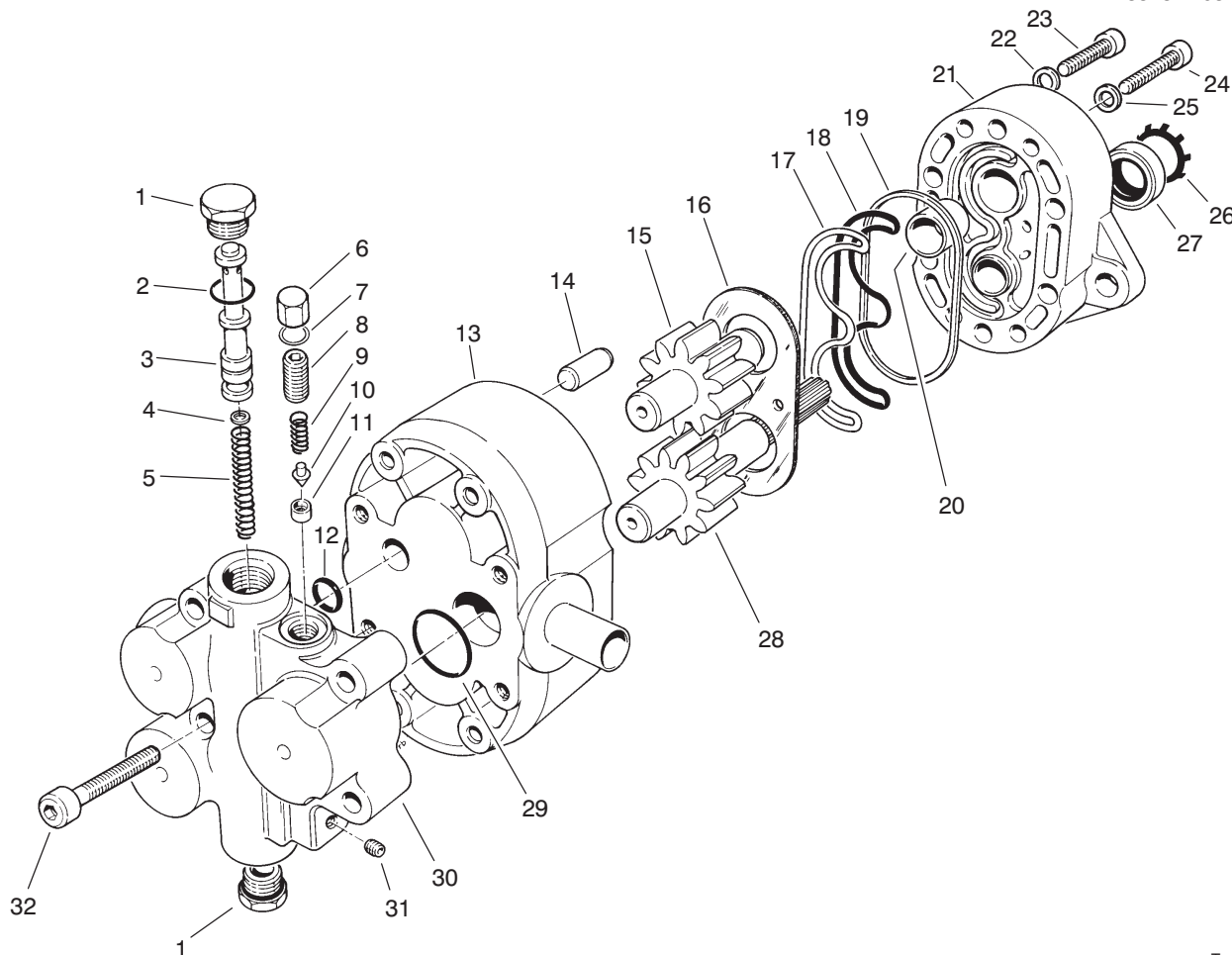


T-0350-1

VARIABLE DISPLACEMENT PUMP INSTALLATION (Cont.)

Ref. No.	Part No.	Description	No. Used
53	327-80	Seal - O-Ring	2
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



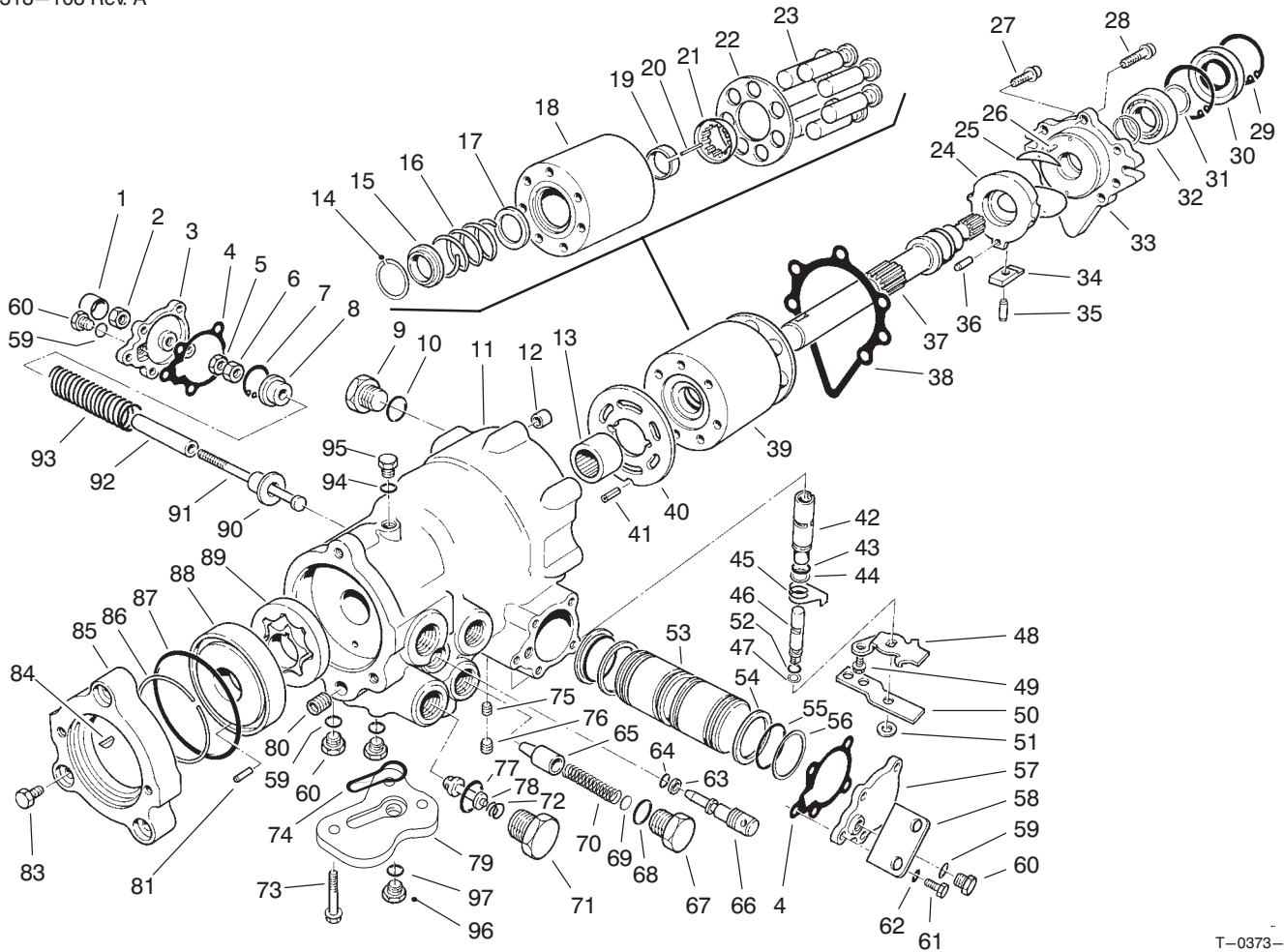
T-0374-1

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



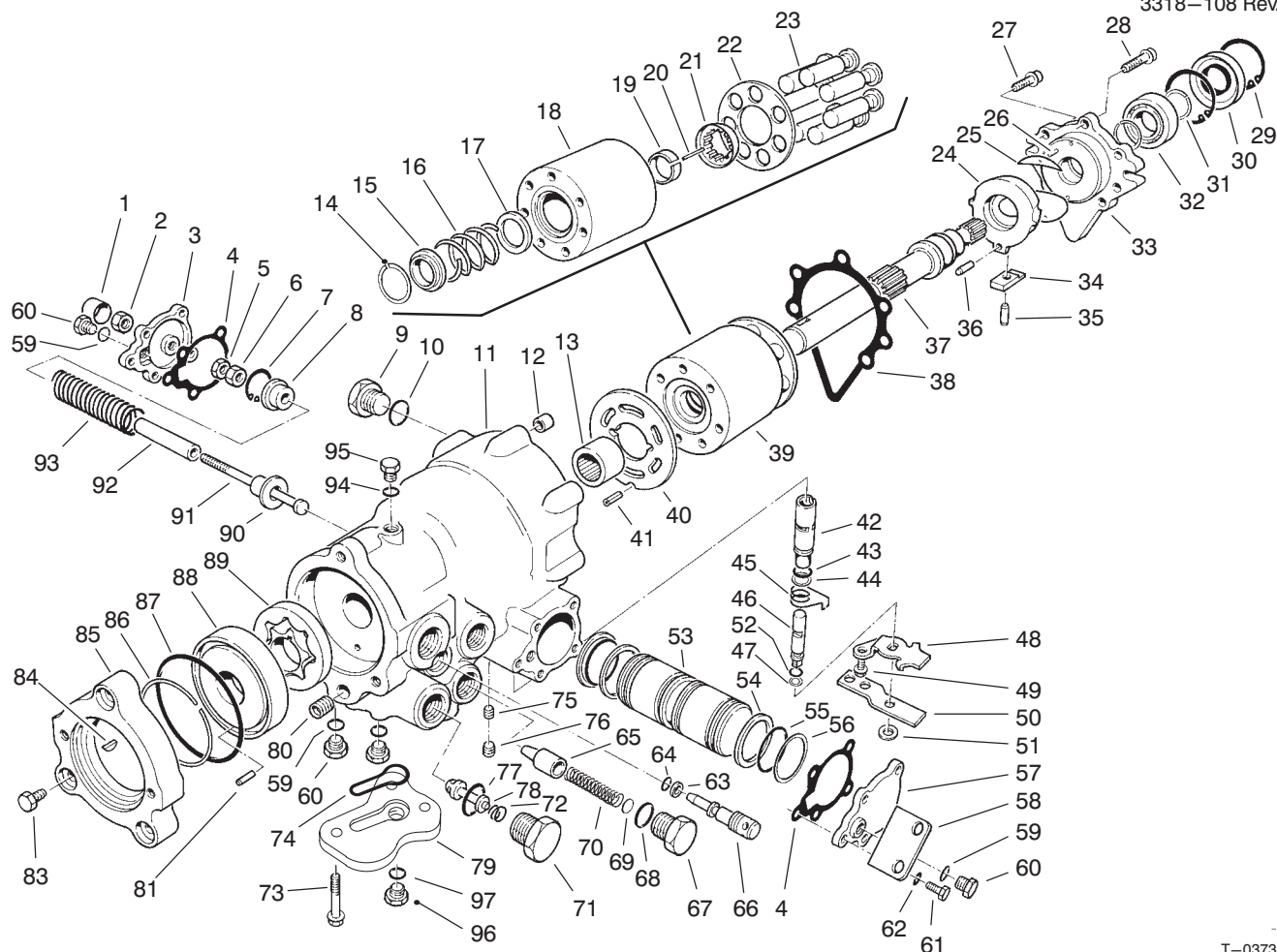
T-0373-2

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	94-2878	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.



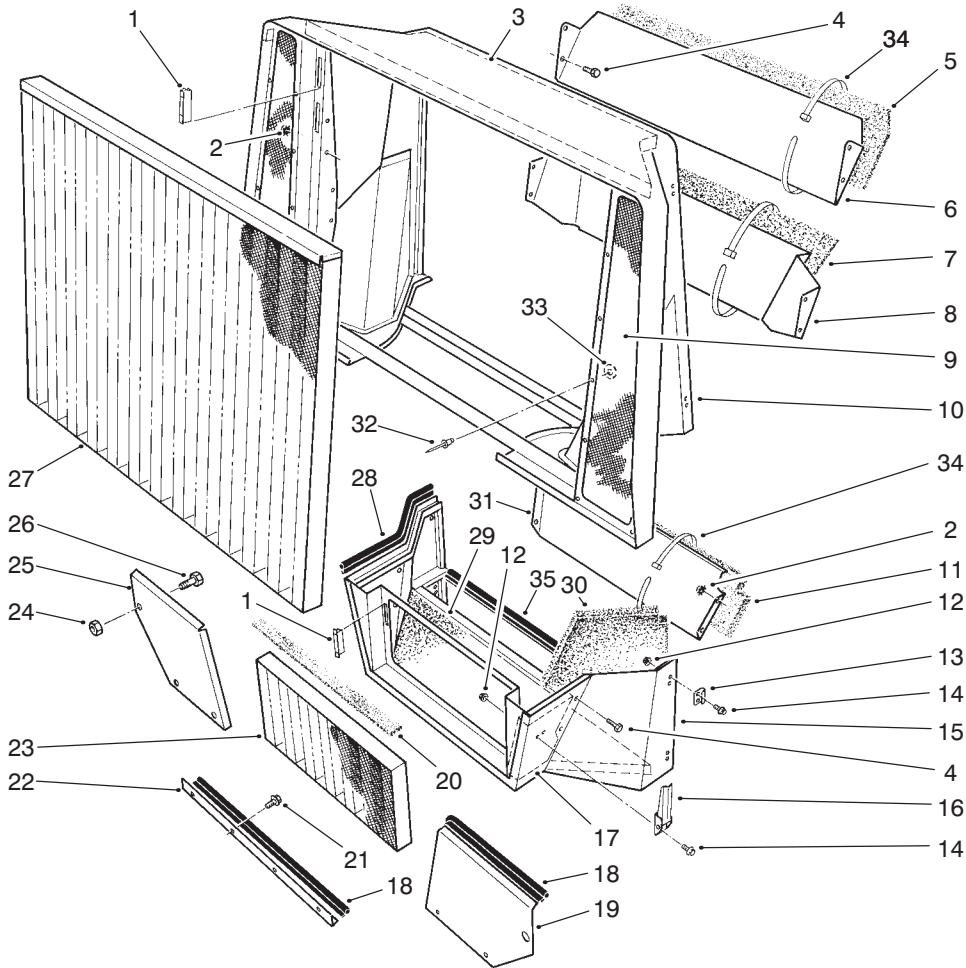
T-0373-2

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	4
60	69-3080	Plug (Incl. Ref. #59)	4
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	94-9413	Screw	3
74	94-9412	Seal - Adapter	1
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	94-9414	Adapter - Suction	1
80	69-3460	Plug Expansion	1
81	69-3550	Pin	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
96	94-9415	Plug (Incl. Ref. #97)	1
†97		Seal O-Ring	1

†Not serviceable separately.



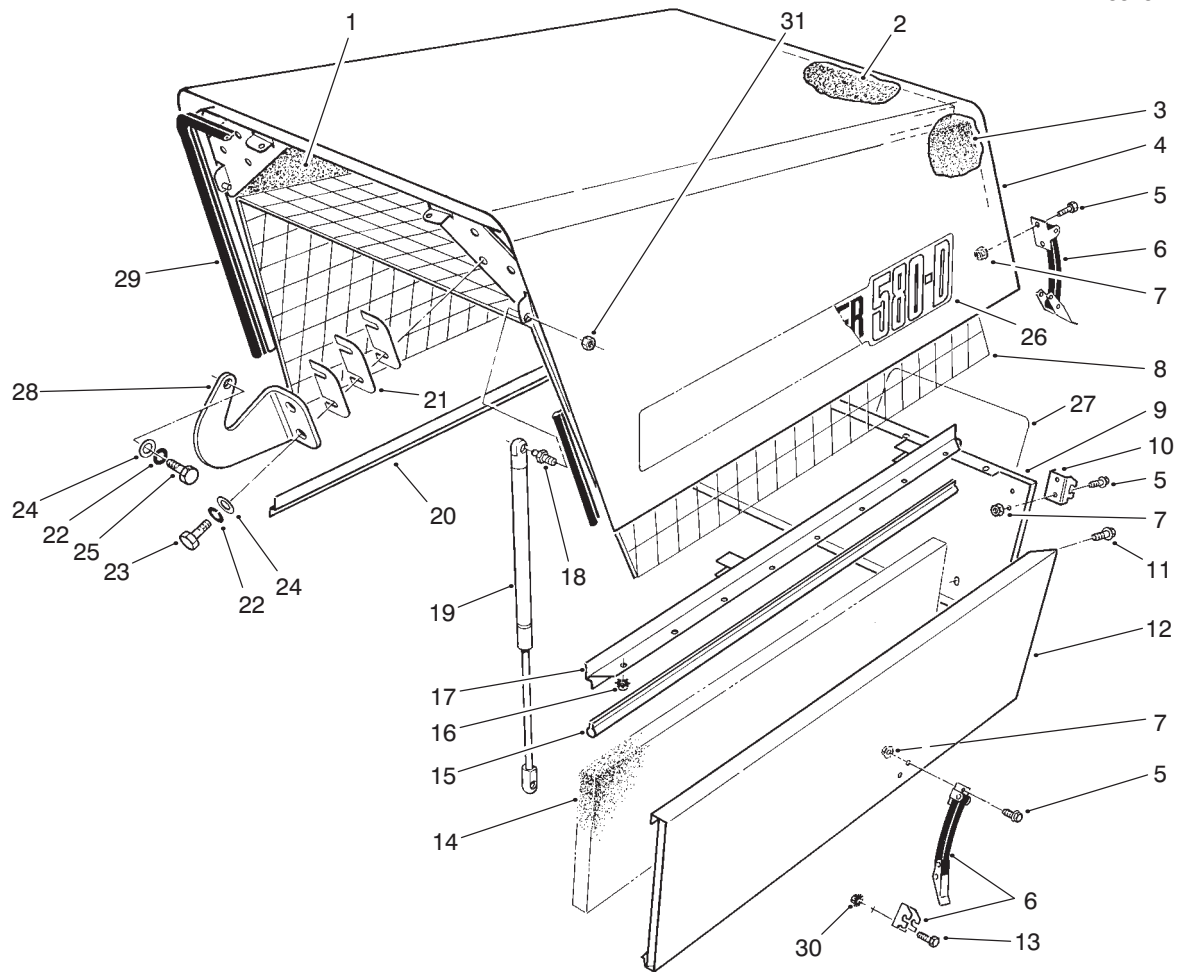
T-0368-1

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



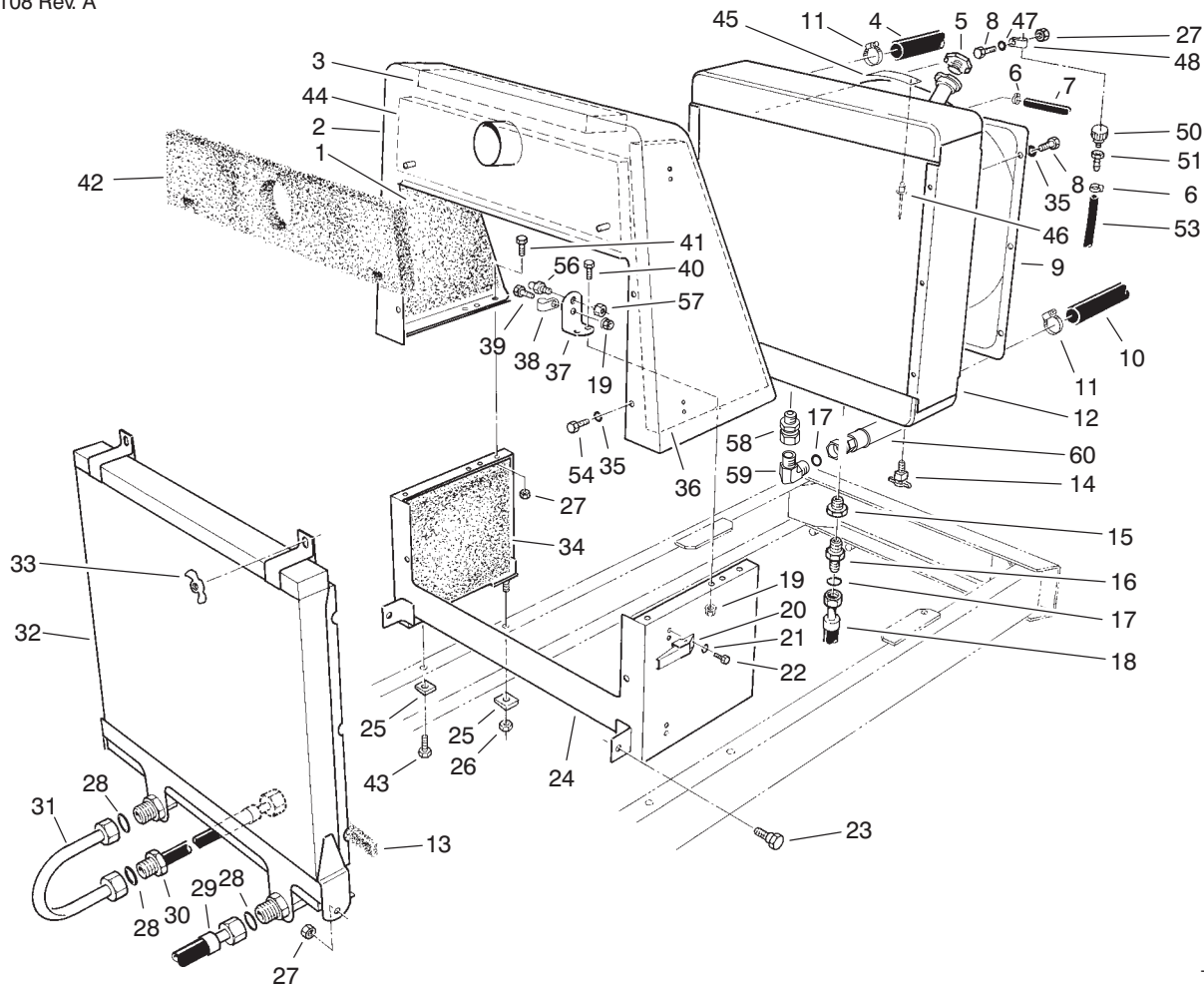
T-0360-1

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.

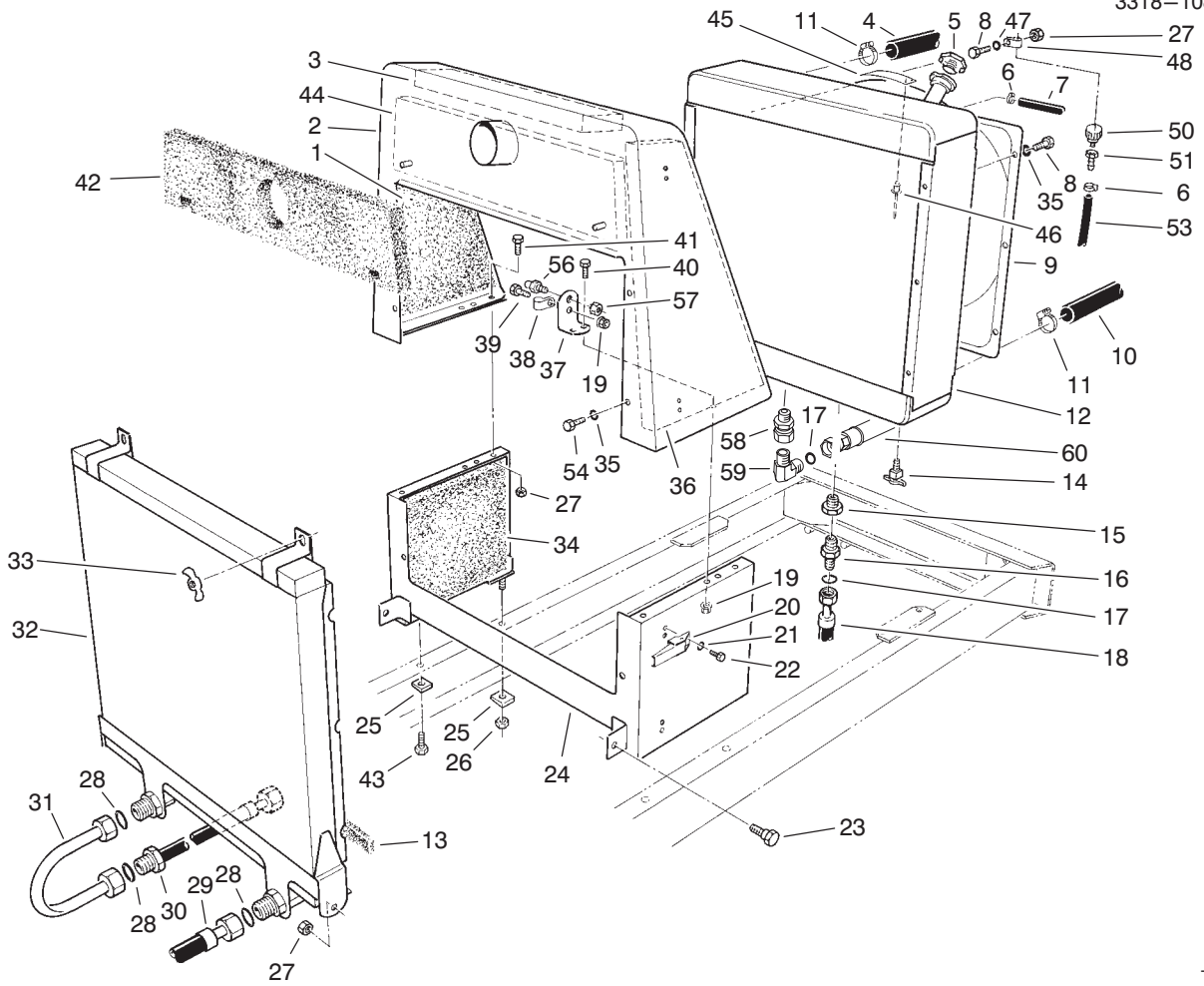


T-0359-2

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	2412-108	Clamp - Hose	2
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	94-2860	Radiator	1
13	71-0210	Foam - Radiator Seal	1
14	304-46	Valve - Drain	1
15	2812-4	Fitting - Reducer	1
16	340-124	Fitting - Hydraulic Straight (Incl. Ref. #17)	1
17	237-22	Seal - O-Ring	1
18	94-3335	Hose - Hydraulic	1
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

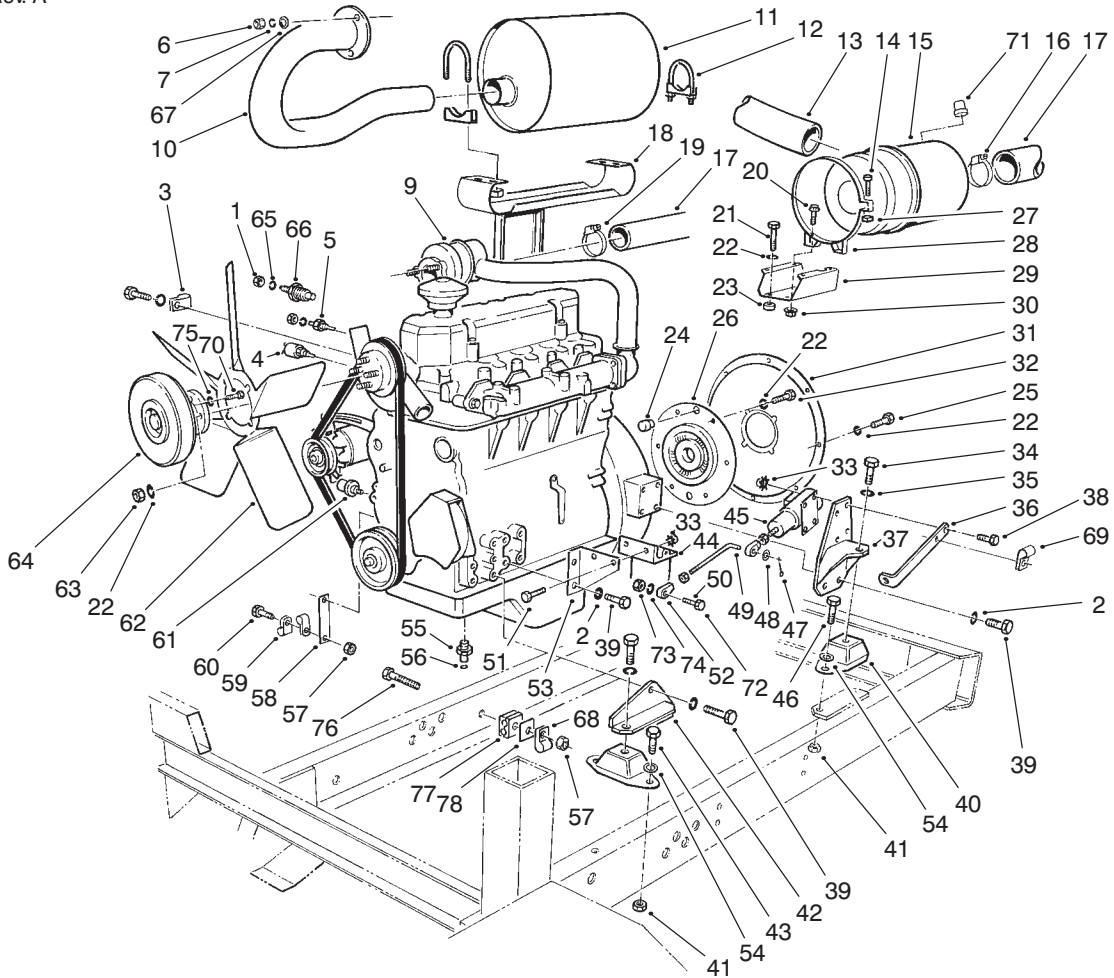


T-0359-2

RADIATOR & OIL COOLER ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
51	354-95	Fitting	1
53	71-2680	Hose - Vent	1
54	32144-69	Screw - Cap, Hex. Hd.	6
56	88-6770	Stud - Ball	2
57	32152-1	Nut - Lock	2

Ref. No.	Part No.	Description	No. Used
58	94-3336	Fitting - Hydraulic Straight	1
59	94-3337	Fitting - Hydraulic 90° (Incl. Ref. #17)	1
60	94-3334	Hose - Hydraulic	1



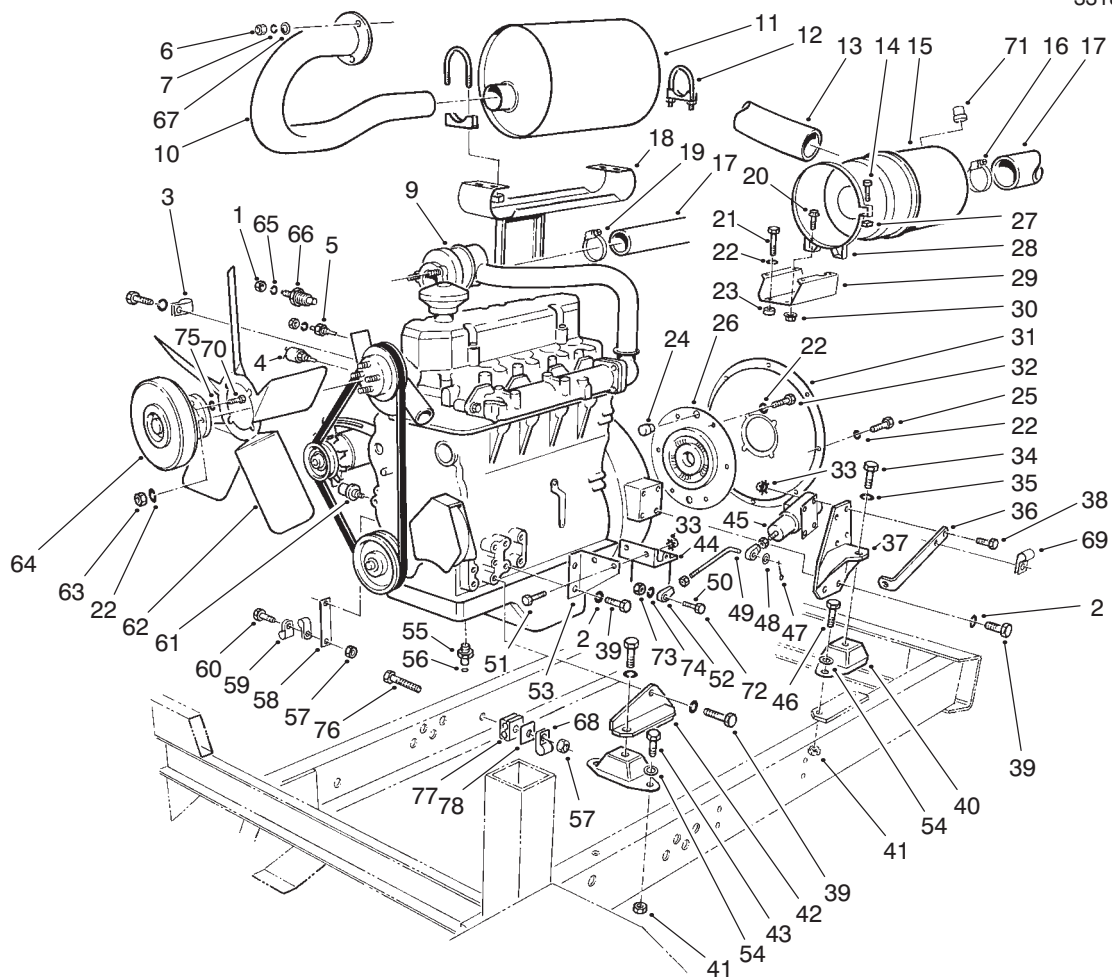
T-0347-1

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

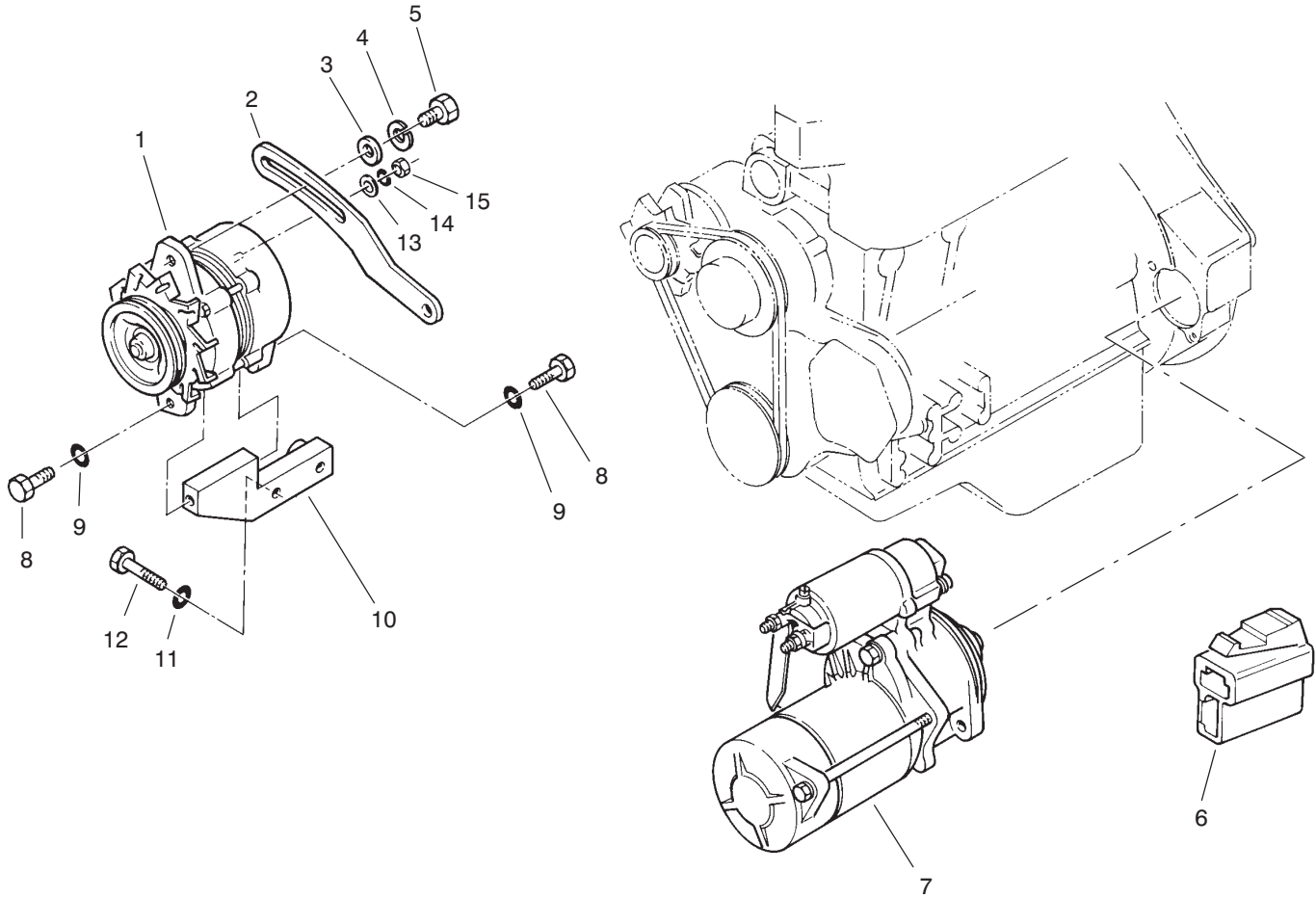


T-0347-1

ENGINE INSTALLATION ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
54	3256-26	Washer - Flat	8	66	39-7591	Thermo Switch Assembly	1
55	69-8460	Fitting - Hydraulic Straight (Incl. Ref. #56)	2	67	3256-3	Washer - Flat	3
56	237-22	Seal - O-Ring	2	68	2412-39	Clamp - R	1
57	32152-1	Nut - Lock	2	69	2412-73	Clamp - R	1
58	69-9070	Bracket - Clamp	1	70	323-4	Screw - Cap Hex. Hd.	4
59	2412-41	Clamp - R	2	71	69-1940	Indicator - Electrical	1
60	323-6	Screw - Cap Hex. Hd.	1	72	48-7630	Screw	1
61	71-4280	Sending Unit - Oil Pressure	1	73	48-7890	Nut - Hex.	1
62	69-1680	Fan	1	74	3253-3	Washer - Lock	1
63	69-9710	Nut - Lock	4	75	3253-21	Washer - Lock	4
64	69-1690	Clutch - Fan	1	76	322-13	Screw - Cap Hex. Hd.	1
65	3253-2	Washer - Lock	2	77	56-7974	Clamp Half - Hydraulic Line	2
				78	69-9761	Plate - Cover	1

*Not Illustrated

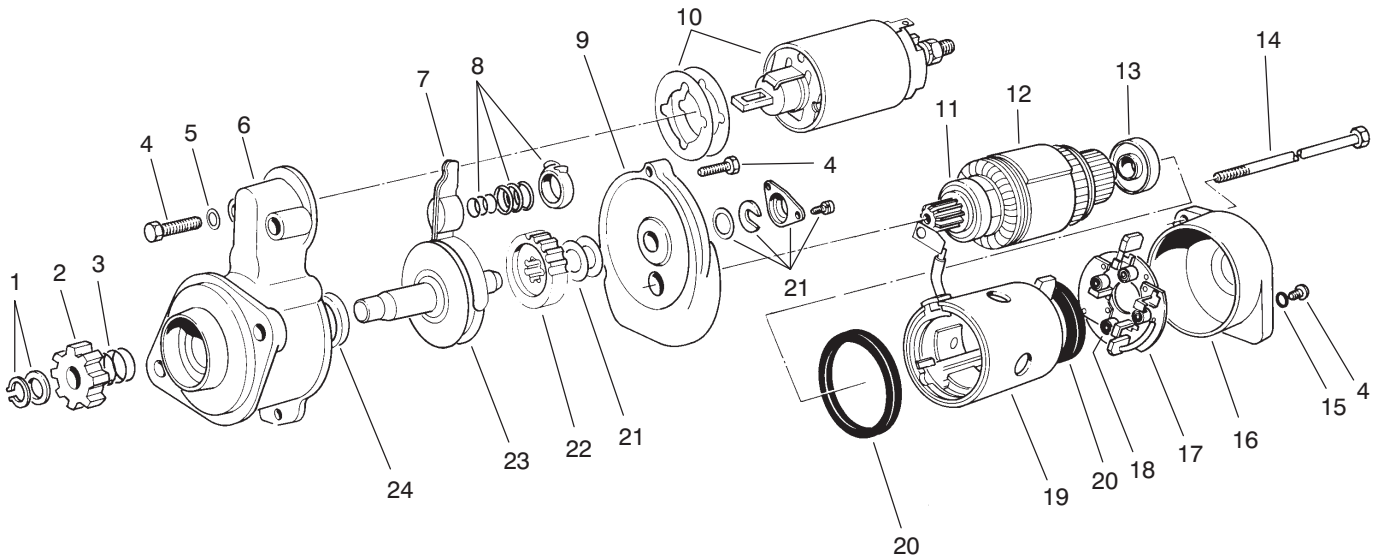


T-0580-1

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-0160-1

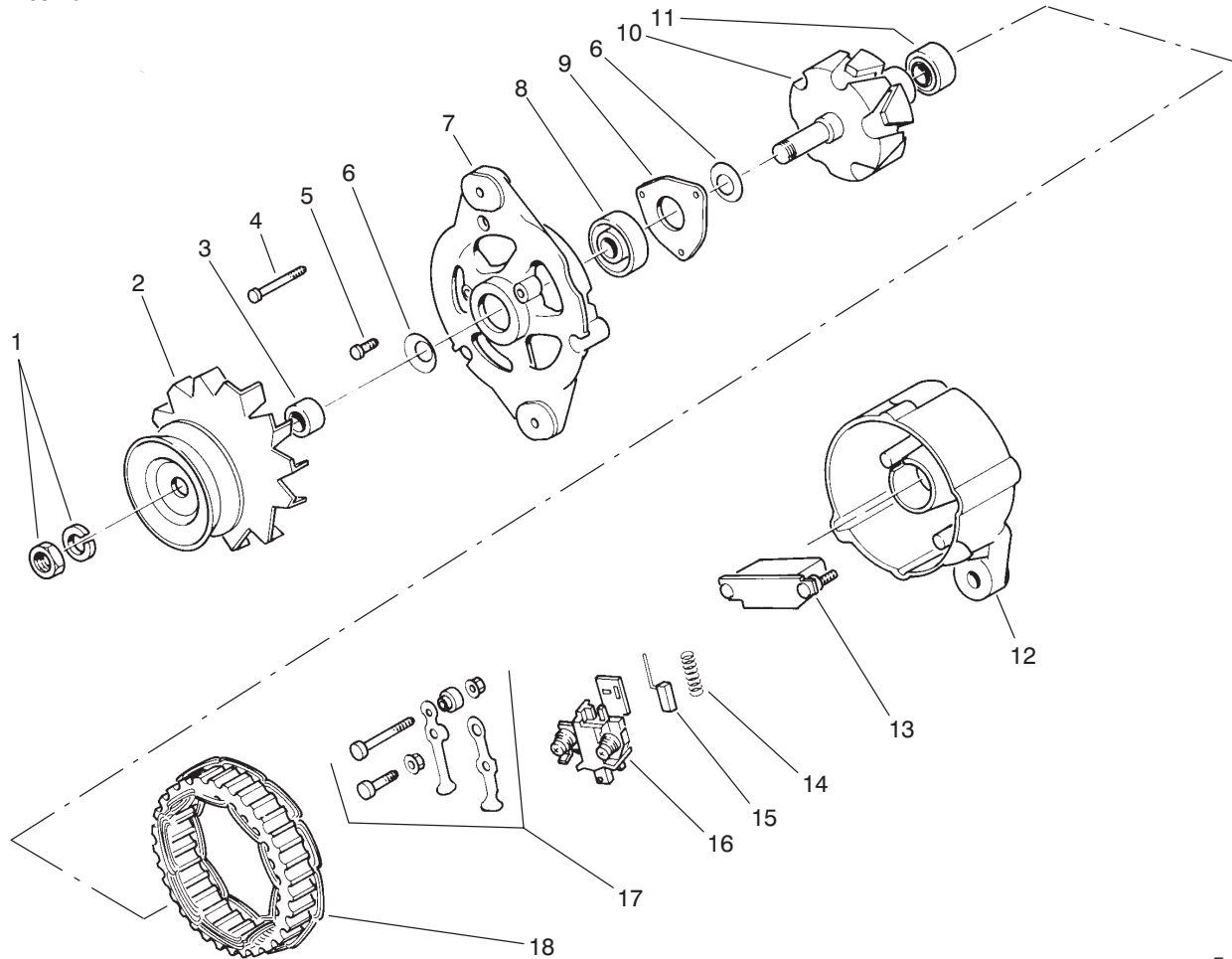
STARTER MOTOR ASSEMBLY NO. 70-5860

Ref. No.	Part No.	Description	No. Used
1	51-7740	Retaining Ring Assembly	1
2	51-7730	Gear Pinion Assembly (Incl. Ref. #1 & 3)	1
†3		Spring	1
4	51-7600	Screw Set	1
5	51-7610	Packing	2
6	70-3280	Cover Assembly Front (Incl. Ref. #24)	1
7	51-7640	Lever Assembly	1
8	51-7650	Spring Assembly	1
9	51-7660	Bracket Assembly Center	1
10	51-7670	Solenoid	1
11	51-7690	Bearing	1
12	70-3260	Armature Assembly (Incl. Ref. #11 & 13)	1
13	70-3330	Bearing	1

Ref. No.	Part No.	Description	No. Used
14	70-3310	Bolt Set	1
15	51-7840	Ring - Rubber	2
16	51-7830	Cover - Rear	1
17	70-3290	Brush Holder Assembly (Incl. Ref. #18)	1
18	70-3270	Spring - Brush	4
19	70-3300	Yoke Assembly	1
20	51-7790	Packing	2
21	51-7780	Cover Assembly	1
22	51-7770	Gear - Pinion	1
23	51-7760	Shaft Assembly	1
24	51-7630	Seal - Oil	1
*	51-7750	Gear Assembly (Incl. Ref. #22 & 23)	1
*	51-7720	Clutch Assy. (Incl. Ref. #1-3 & 21-24)	1

*Not Illustrated

†Not Serviceable Separately



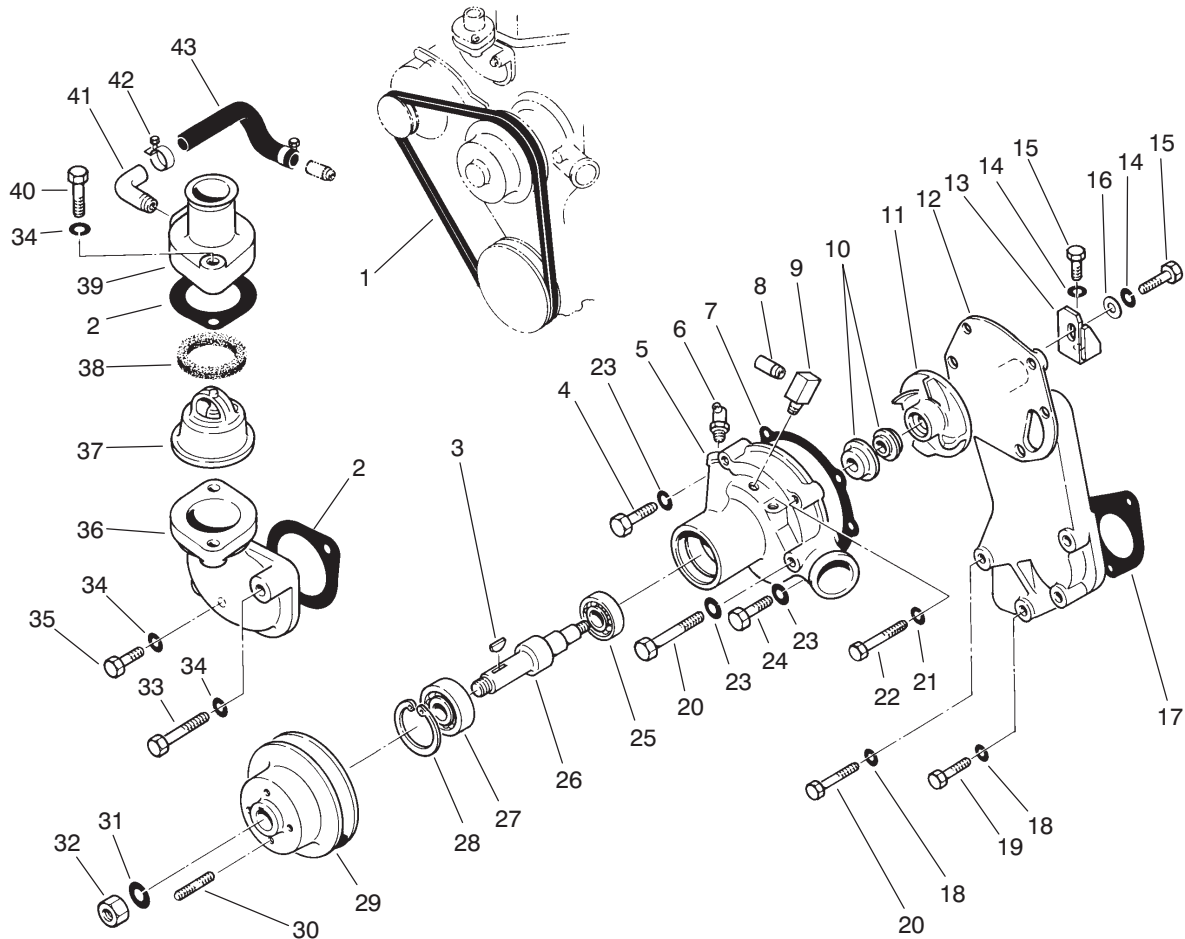
T-0161-1

ALTERNATOR ASSEMBLY NO. 70-5760

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

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

†Not Serviceable Separately



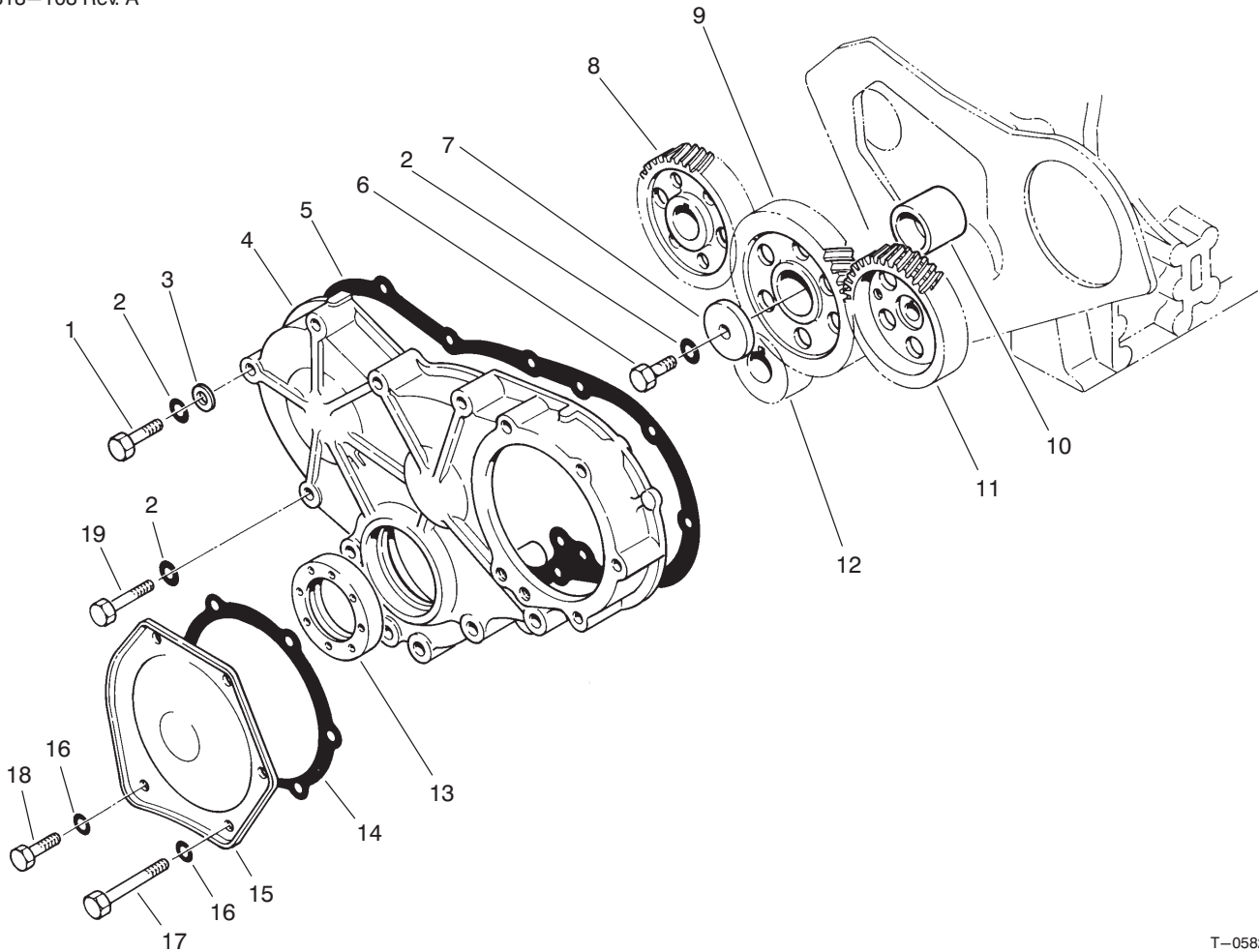
T-0581-1

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, 8-11 & 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-0582-1

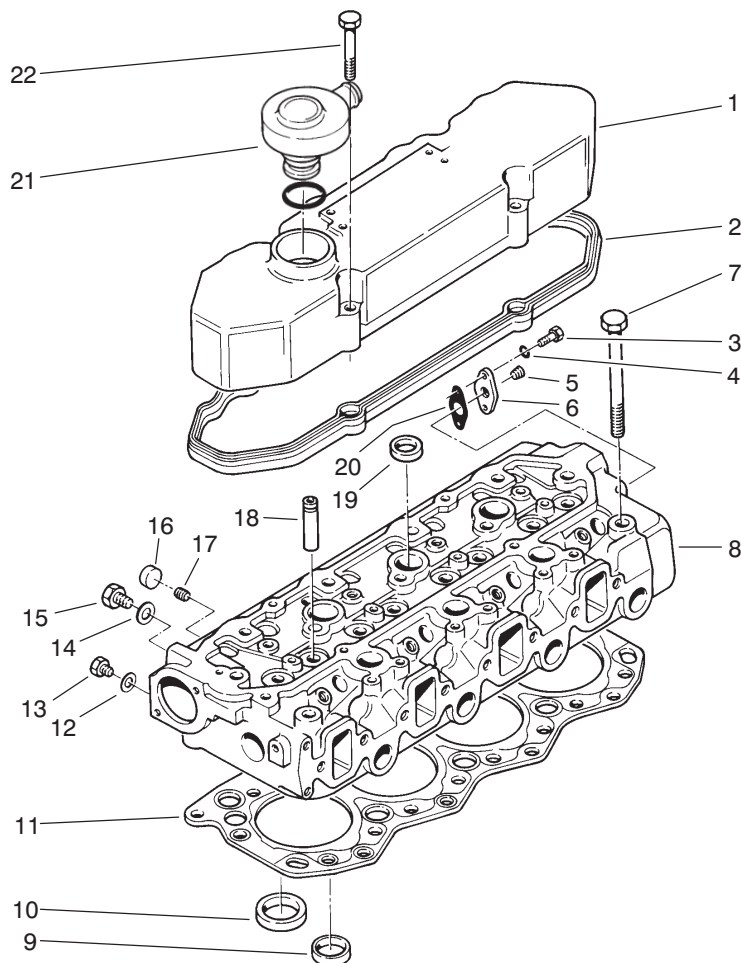
TIMING GEAR CASE ASSEMBLY

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

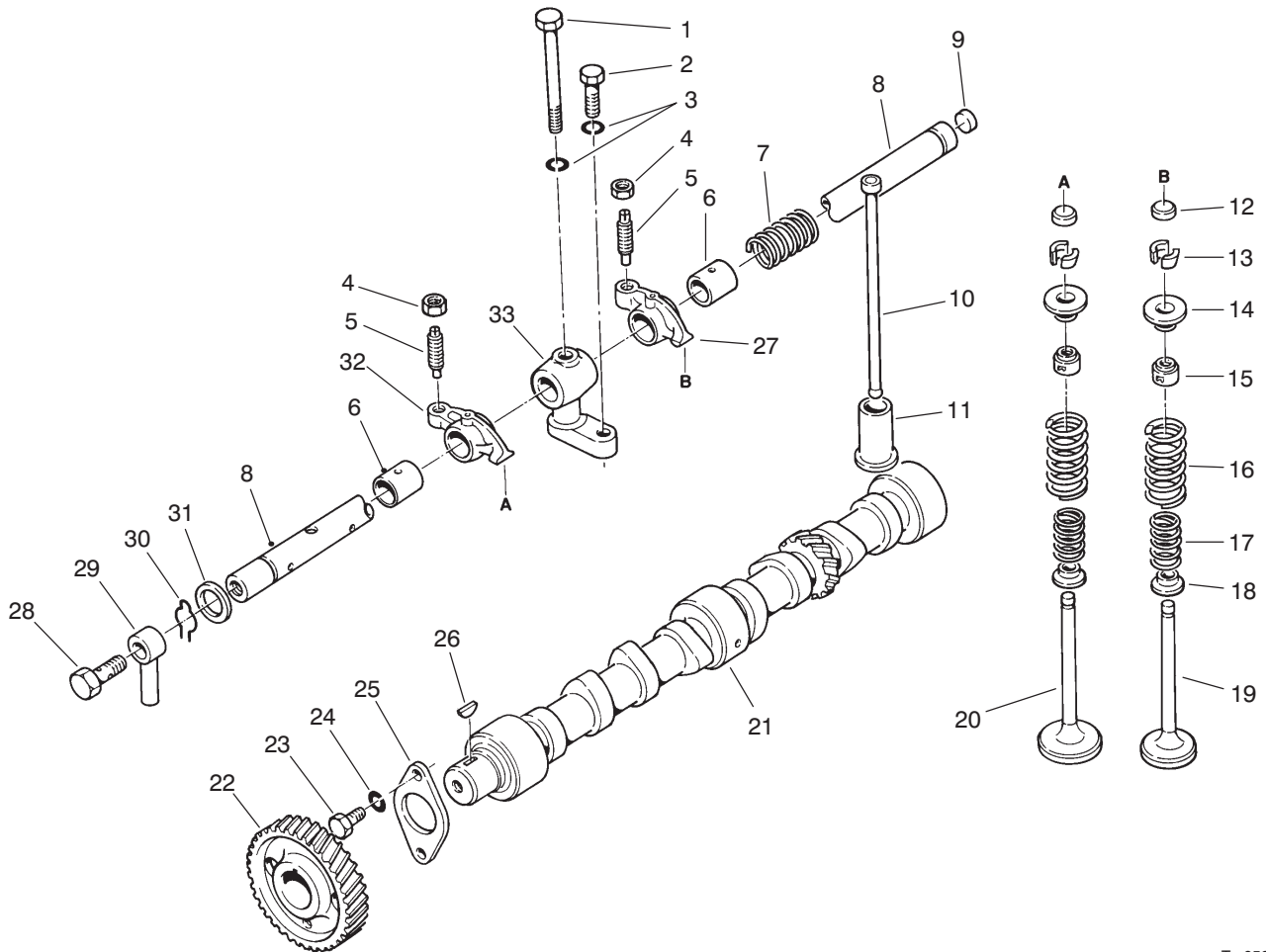


T-0583-1

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



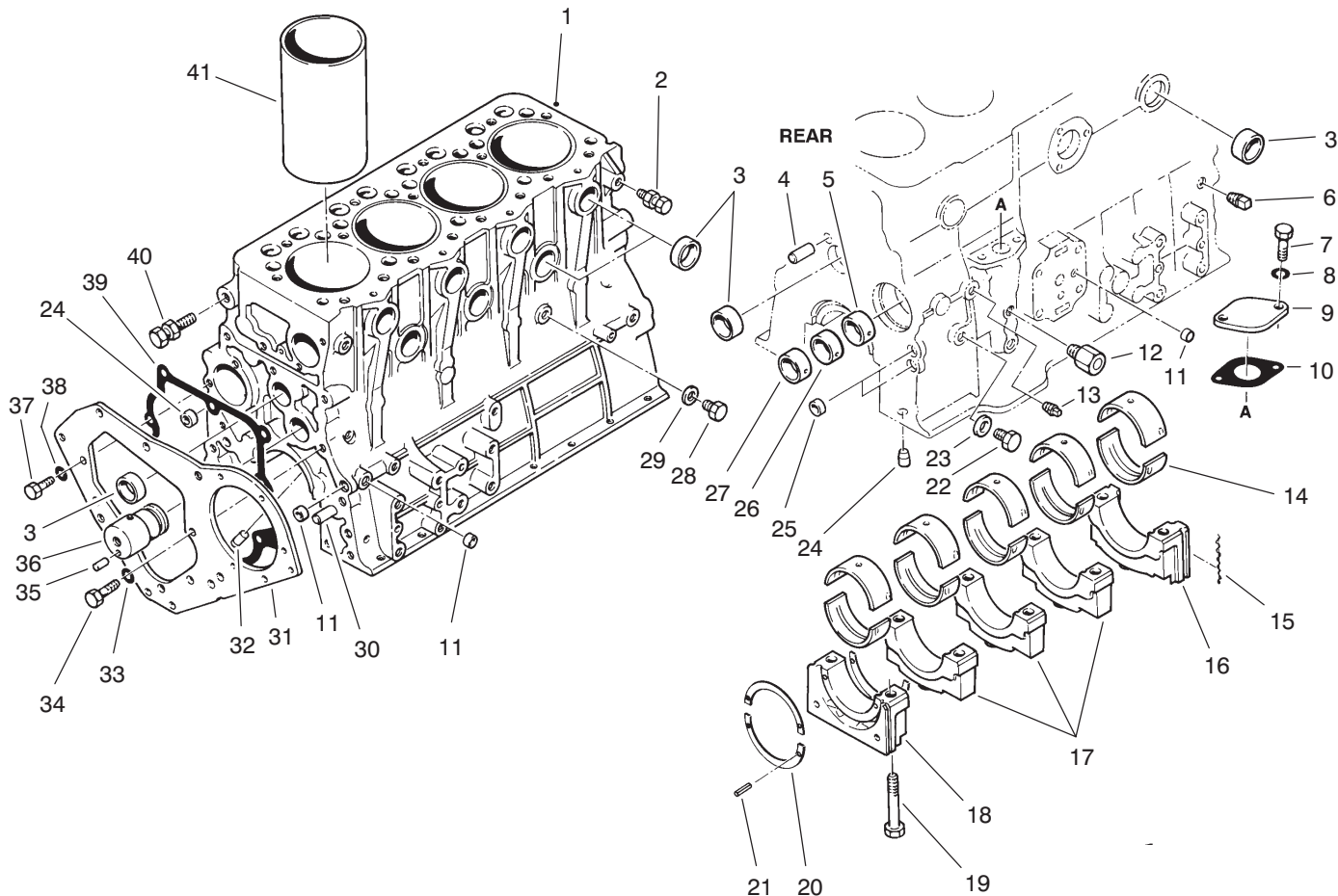
T-0584-1

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-0585-1

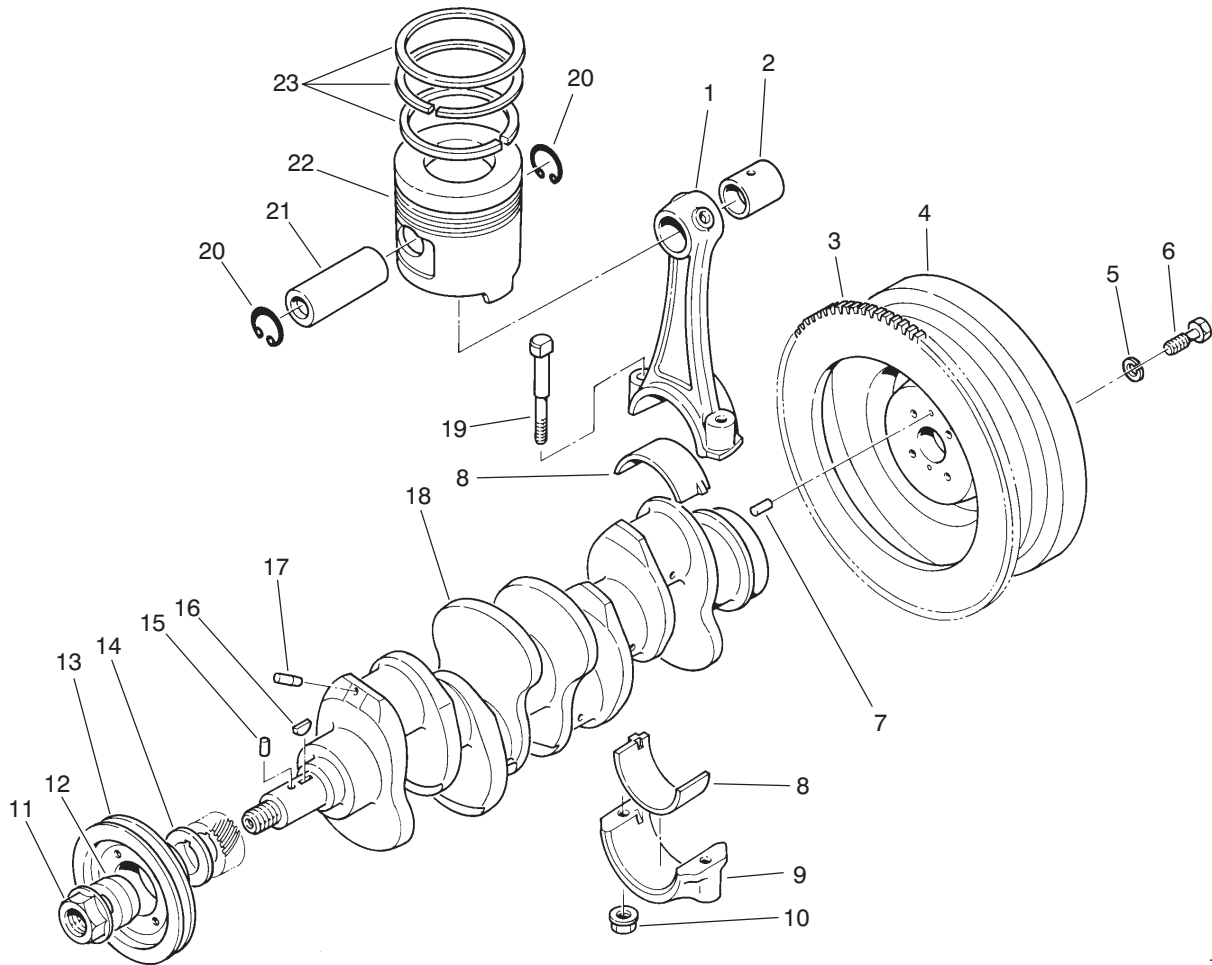
CRANKCASE ASSEMBLY

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
2	51-5580	Hanger	1
3	51-5600	Cap	11
4	70-3000	Pin	2
5	51-5500	Bushing No. 1	1
6	70-3400	Plug	6
7	60-7280	Bolt	2
8	51-7250	Washer	2
9	51-6480	Cover	1
†10	51-6490	Gasket	1
11	70-3350	Cap	6
12	70-5950	Connector	1
13	70-3410	Plug	1
14	70-5350	Bearing - Main (Std.)	10
14	70-5351	Bearing - Main U.S. 0.25mm	10
14	70-5352	Bearing - Main U.S. 0.50mm	10
14	70-5353	Bearing - Main U.S. 0.75mm	10
‡15	70-5240	Seal	4
16		Cap - Bearing No. 1	1
17		Cap - Bearing No. 2,3, & 4	3
18		Cap - Bearing No. 5	1
19	70-5300	Bolt	10
20	70-5360	Plate - Thrust (Std.)	3

Ref. No.	Part No.	Description	No. Used
20	70-5361	Plate - Thrust O.S. 0.15mm	3
20	70-5362	Plate - Thrust O.S. 0.30mm	3
20	70-5363	Plate - Thrust O.S. 0.45mm	3
21	51-5650	Pin	6
22	70-3120	Plug	1
†23	70-3080	Gasket	1
24		Plug	2
25	70-3370	Cap	3
26	51-5510	Bushing - No. 2	1
27	51-5520	Bushing - No. 3	1
28	51-8280	Bolt	1
†29	51-8270	Washer	1
30	70-5320	Pin	2
31	70-5250	Plate	1
32	70-5340	Valve	4
33	51-6390	Washer	1
34	70-2890	Bolt	1
35	51-5650	Pin	1
36	51-5640	Idler Shaft Assembly (Incl. Ref. #35)	1
37	60-7110	Bolt	1
38	51-7250	Washer	1
†39	70-5260	Gasket	1
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



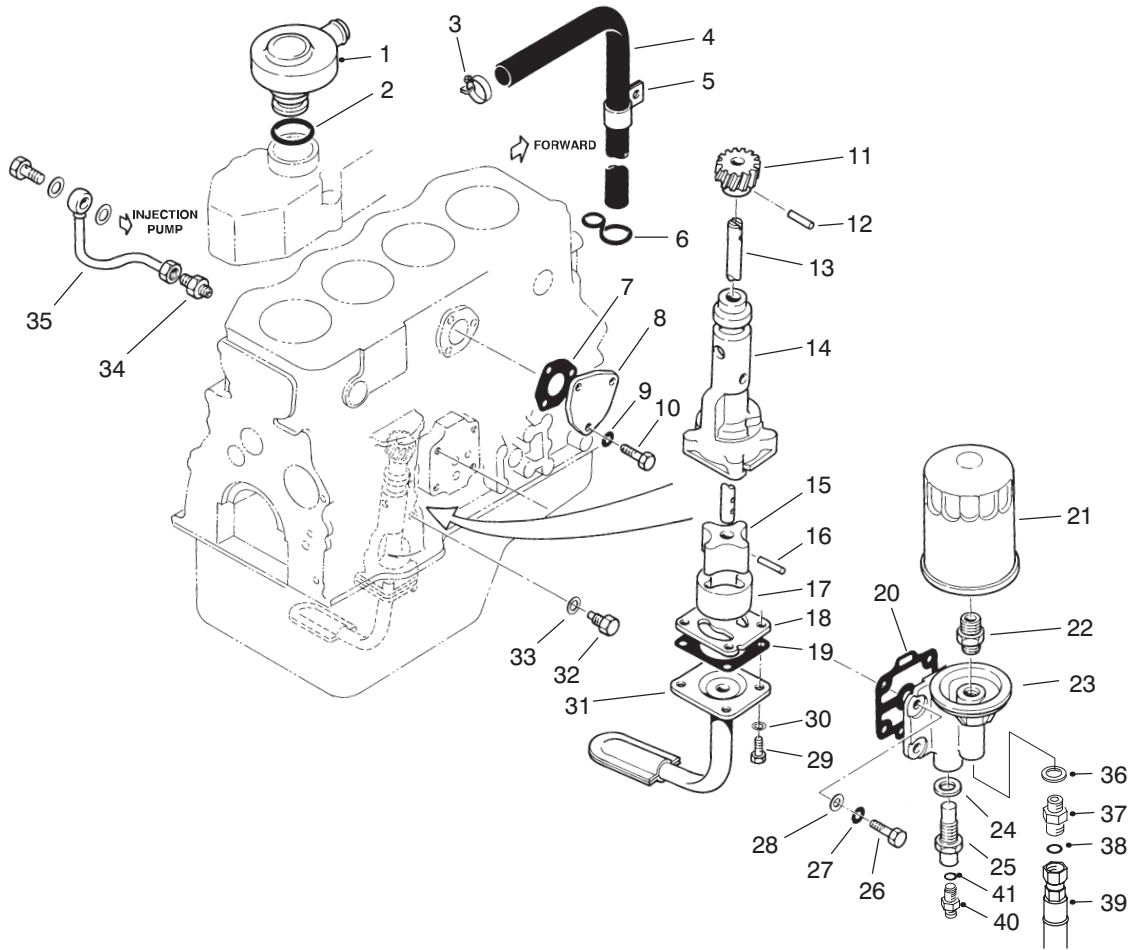
T-0586-1

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

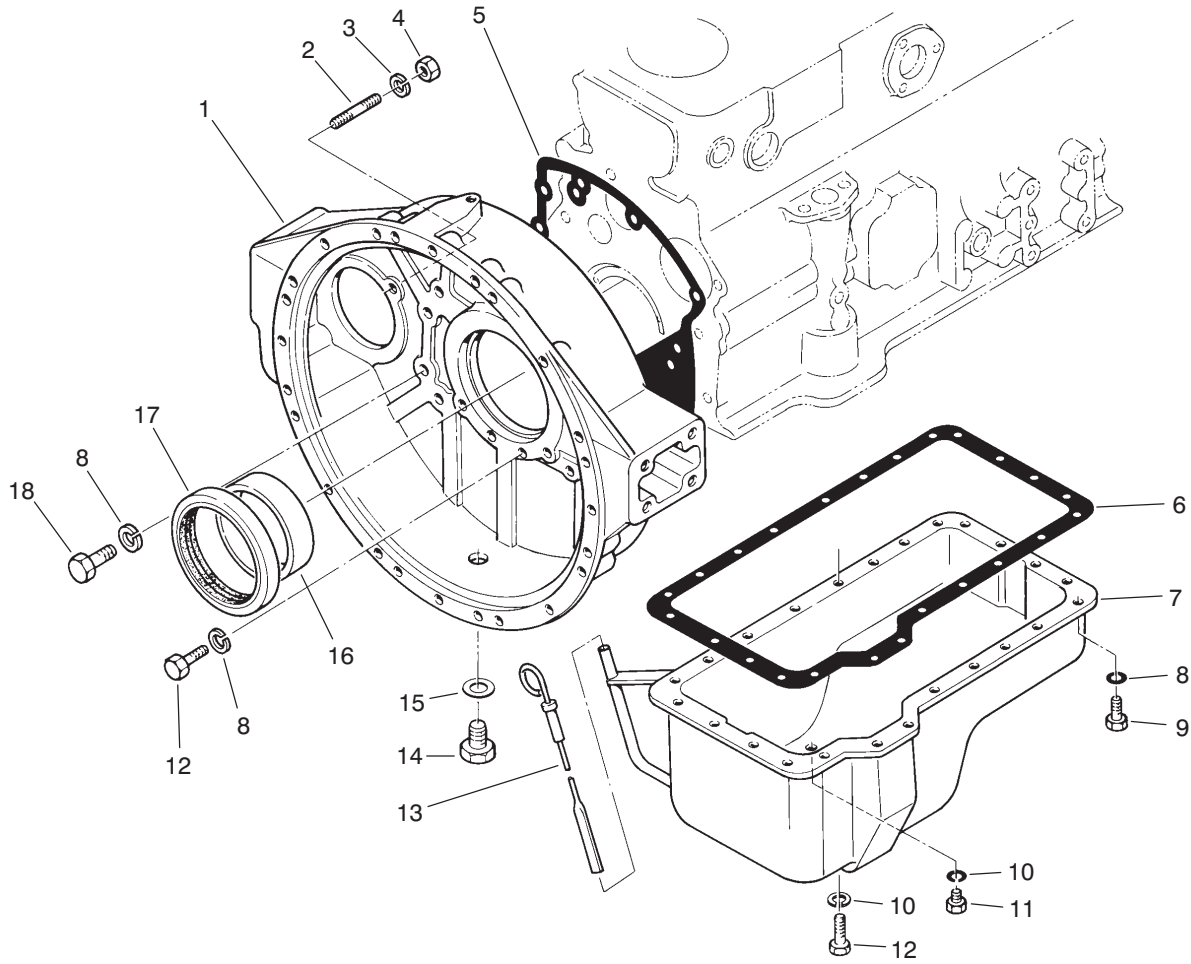


T-0587-1

OIL PUMP, BREATHER & FILTER

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	70-5570	Breather	1	22	70-5520	Union	1
†2	70-3220	O-Ring	1	23	70-5530	Bracket Assembly (Incl. Ref. #22, 24 & 25)	1
3	70-3090	Clamp	1	24	51-6820	Washer	1
4	70-3030	Tube	1	25	51-6830	Relief Valve Assembly	1
5	70-3420	Clip	1	26	60-7480	Bolt	4
6	70-5580	Stay	1	27	51-6390	Washer - Lock	4
†7	70-5100	Gasket	1	28	70-2990	Washer	4
8	70-5270	Cover	1	29	60-7290	Bolt	4
9	51-7250	Washer	3	30	51-7400	Washer	4
10	60-7110	Bolt	3	31	70-5500	Strainer	1
11		Gear	1	32	70-5120	Bolt	1
12		Pin	1	†33	70-3070	Gasket	1
13		Shaft	1	34	70-3340	Connector	1
14	70-5840	Oil Pump Assembly (Incl. Ref. #11-13, 15-18 & 29-30)	1	35	70-5030	Pipe	1
15		Rotor	1	36	70-3080	Gasket	1
16		Pin	2	37	69-8460	Fitting - Hydraulic Straight (Incl. Ref. #38)	1
17		Rotor	1	38	237-22	Seal - O-Ring	1
18	70-5850	Cover	1	39	69-8430	Hose - Hydraulic	1
†19	70-5510	Gasket	1	40	94-2867	Valve - Relief	1
†20	70-5550	Gasket	1	*	70-5540	Oil Filter Assembly (Incl. Ref. #21-25)	1
21	49-2500	Element Assembly	1				

†Included in Gasket Set No. 70-6950



T-0588-1

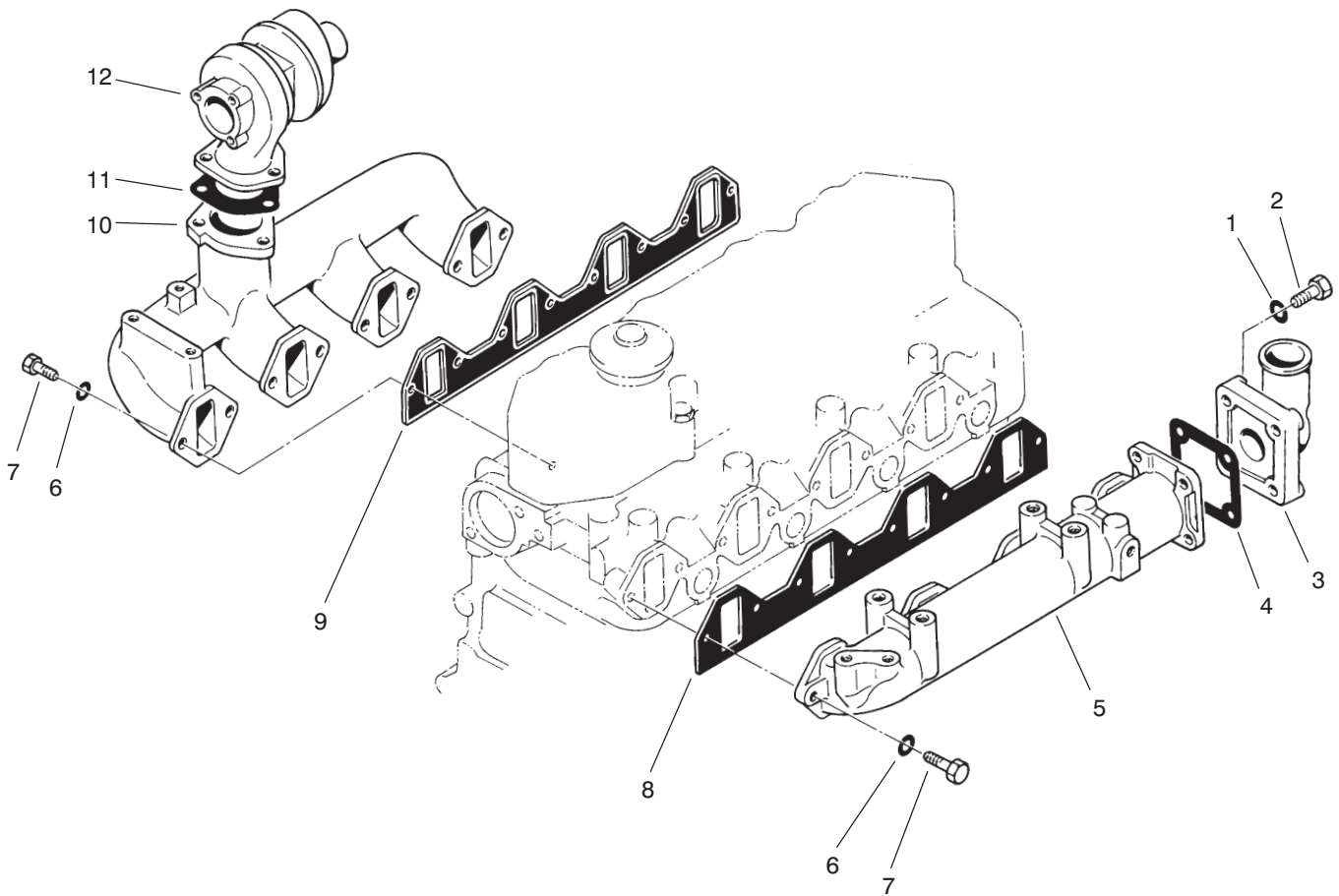
FLYWHEEL HOUSING & OIL PAN ASSEMBLY

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

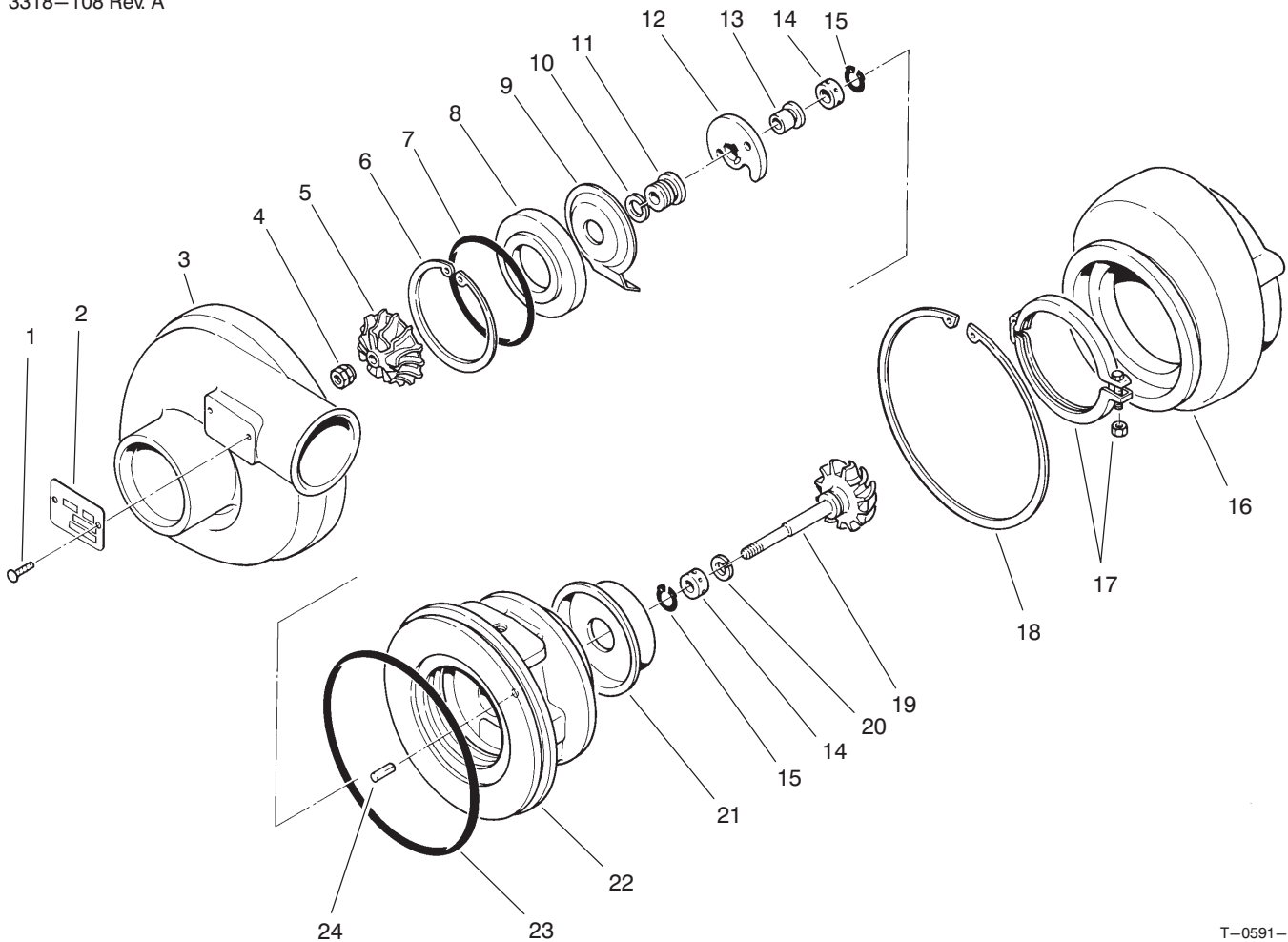


T-0590-1

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

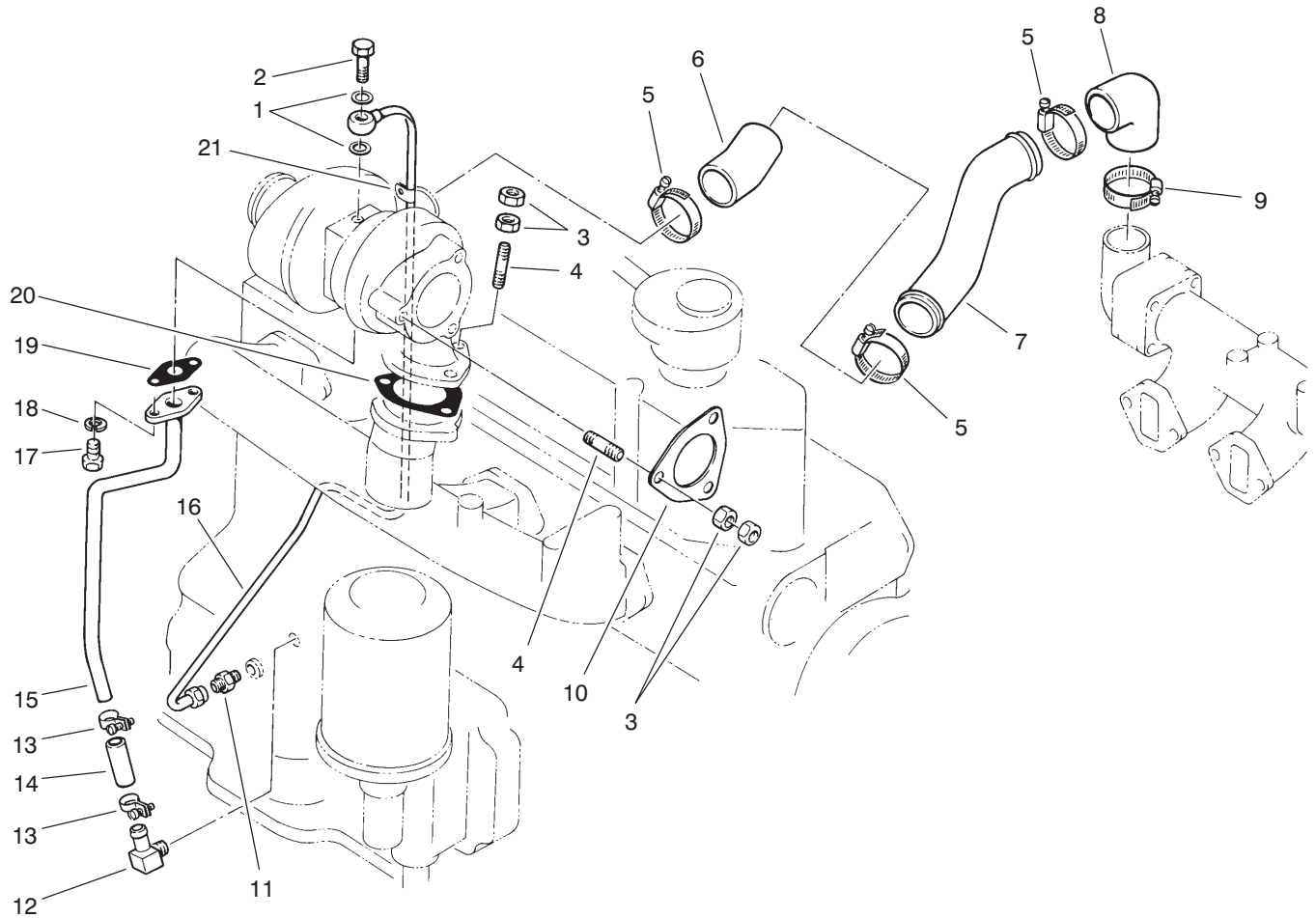


T-0591-1

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



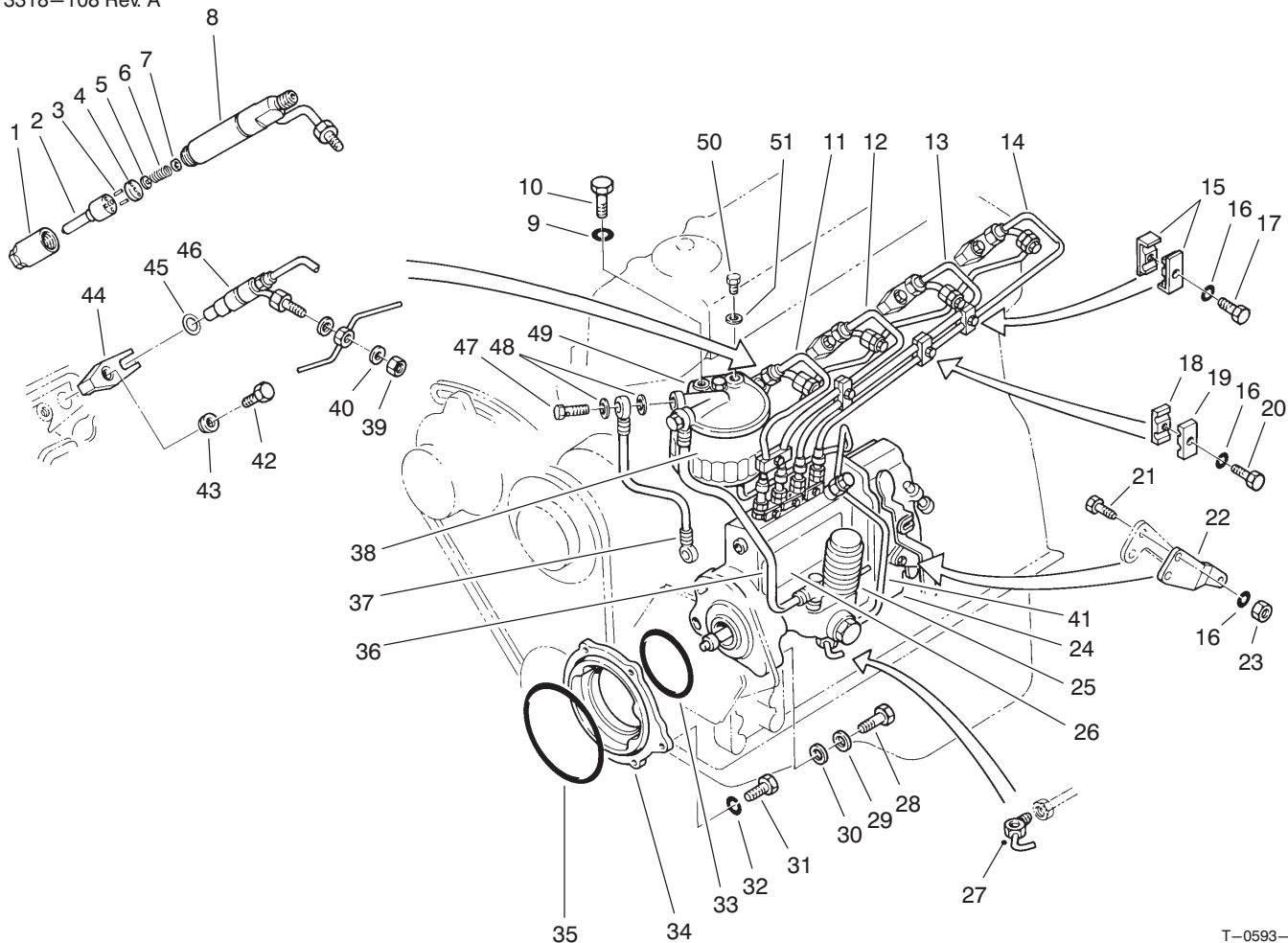
T-0592-1

TURBOCHARGER OIL PIPE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
†1	70-3060	Gasket	2
2	70-4980	Bolt - Cap Hex Hd.	1
3	60-7120	Nut - Hex.	12
4	70-3480	Stud	6
5	70-3430	Clamp - Hose	3
6	70-6080	Hose	1
7	70-6070	Pipe	1
8	70-4950	Hose - 90° Elbow	1
9	70-3440	Clamp - Hose	1
10	70-6240	Gasket	1
11	70-3340	Connector	1

Ref. No.	Part No.	Description	No. Used
12	70-5310	Fitting - 90° Elbow	1
13	70-3090	Clamp - Hose	2
14	70-3040	Hose	1
15	70-5490	Pipe - Oil	1
16	70-5480	Pipe - Oil	1
17	70-2830	Bolt - Cap Hex. Hd.	2
18	51-7400	Washer - Lock	2
19	70-4970	Gasket	1
†20	70-6250	Gasket	1
21	70-4960	Clamp - R	1

†Included in Gasket Set No. 70-6950



T-0593-1

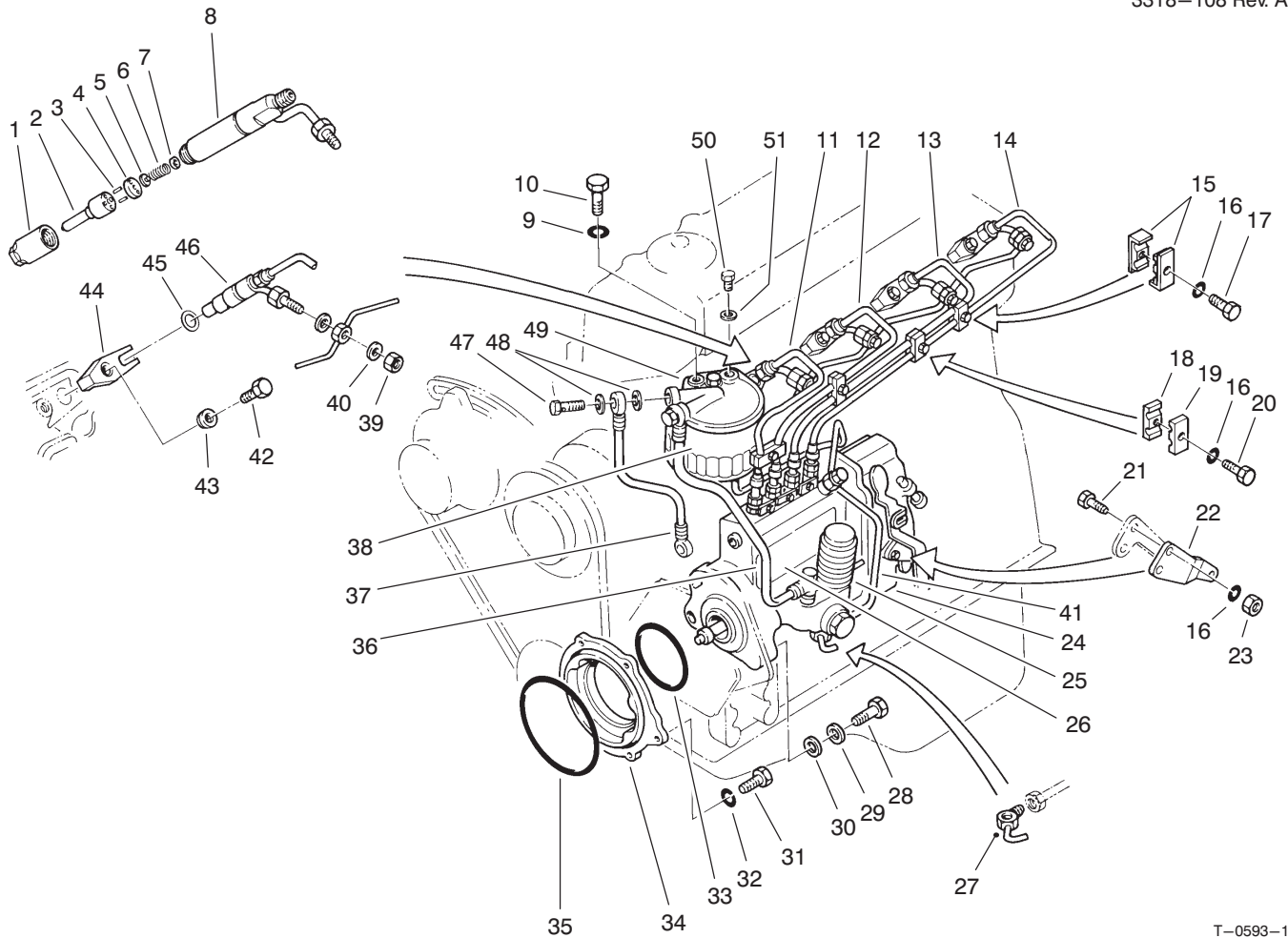
FUEL SYSTEM ASSEMBLY

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



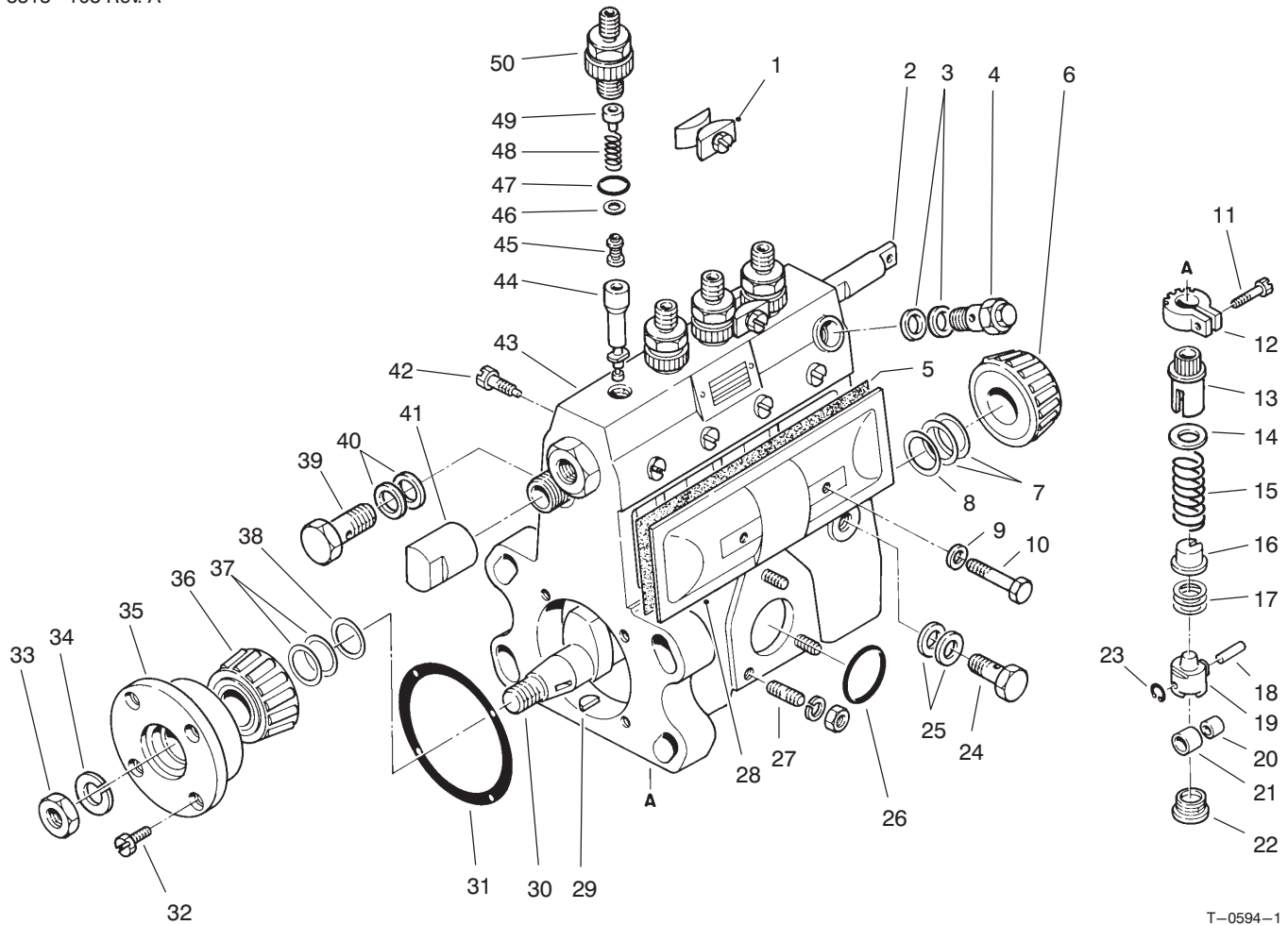
T-0593-1

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



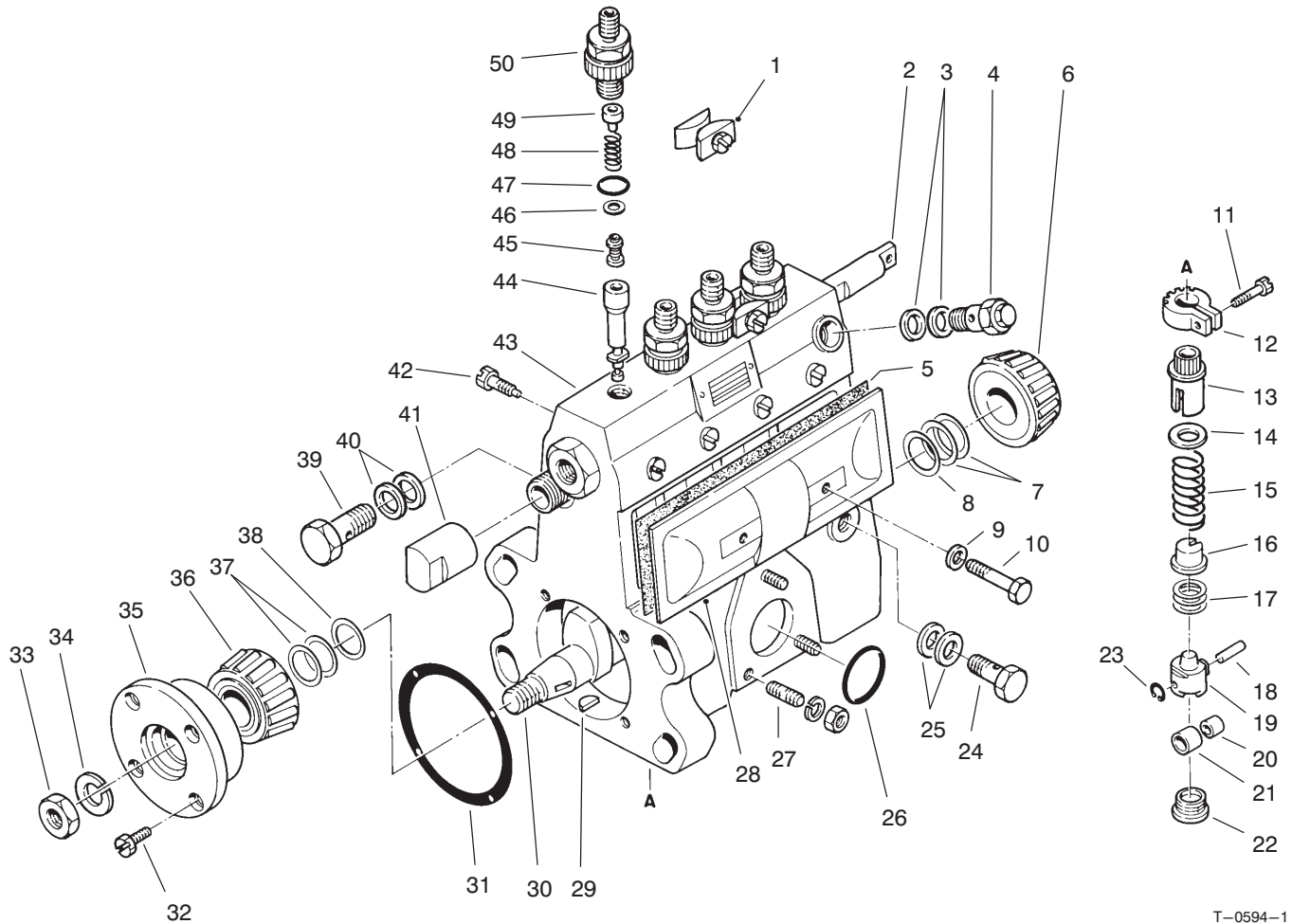
T-0594-1

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-0594-1

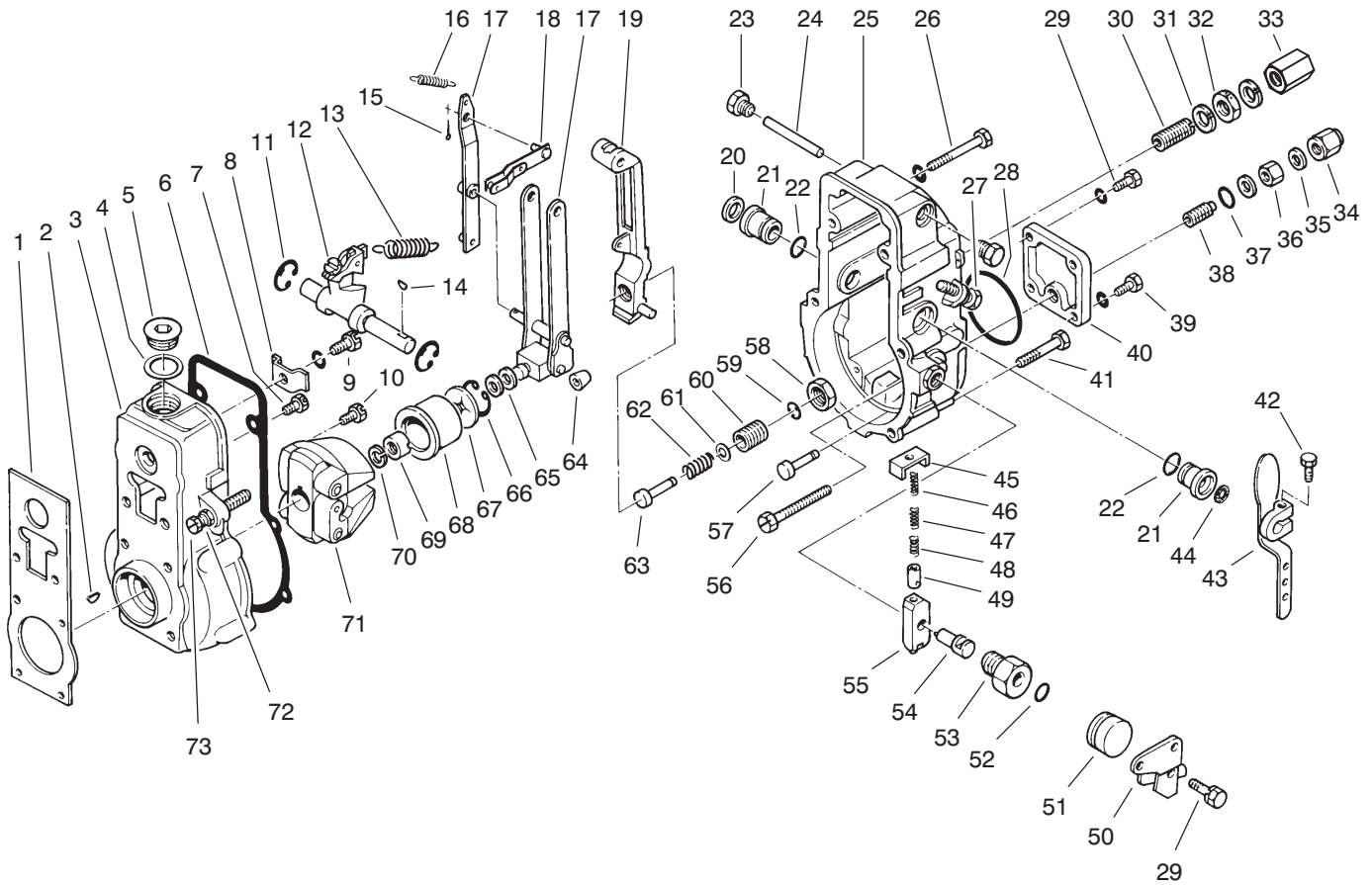
FUEL INJECTION PUMP ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
25	70-3910	Washer	2
26	70-6900	O-Ring	1
27	70-6720	Stud	3
28	70-3940	Plate	2
29	70-6880	Key	1
30	70-3680	Camshaft	1
31	70-3830	Gasket	1
32	70-6540	Bolt	4
33	70-6780	Nut	1
34	70-6680	Washer	1
35	70-3820	Cover	1
36	70-6840	Bearing	1
37	70-3780	Plate - 0.1	A/R
*	70-3790	Plate - 0.15	A/R
*	70-3800	Plate - 0.3	A/R
*	70-3810	Plate - 0.5	A/R
38	70-3700	Ring	1

Ref. No.	Part No.	Description	No. Used
39	70-6940	Screw	1
†40	70-3870	Washer	2
41	70-3490	Cover	1
42	70-3850	Screw	1
43	70-4940	Housing Assembly (Incl. Ref. #27)	1
44	70-3550	Element Assembly	4
45	70-3540	Valve Assembly	4
46	70-3530	Gasket	4
47	70-6910	O-Ring	4
48	70-3520	Spring	4
49	70-3510	Stopper	4
50	70-3500	Holder	4
*	70-3920	Cover Assembly (Incl. Ref. #5, 9-10 & 28)	1
*	70-3630	Tappet Assembly (Incl. Ref. #18-21 & 23)	1

*Not Illustrated

†Included in Gasket Set No. 70-6950

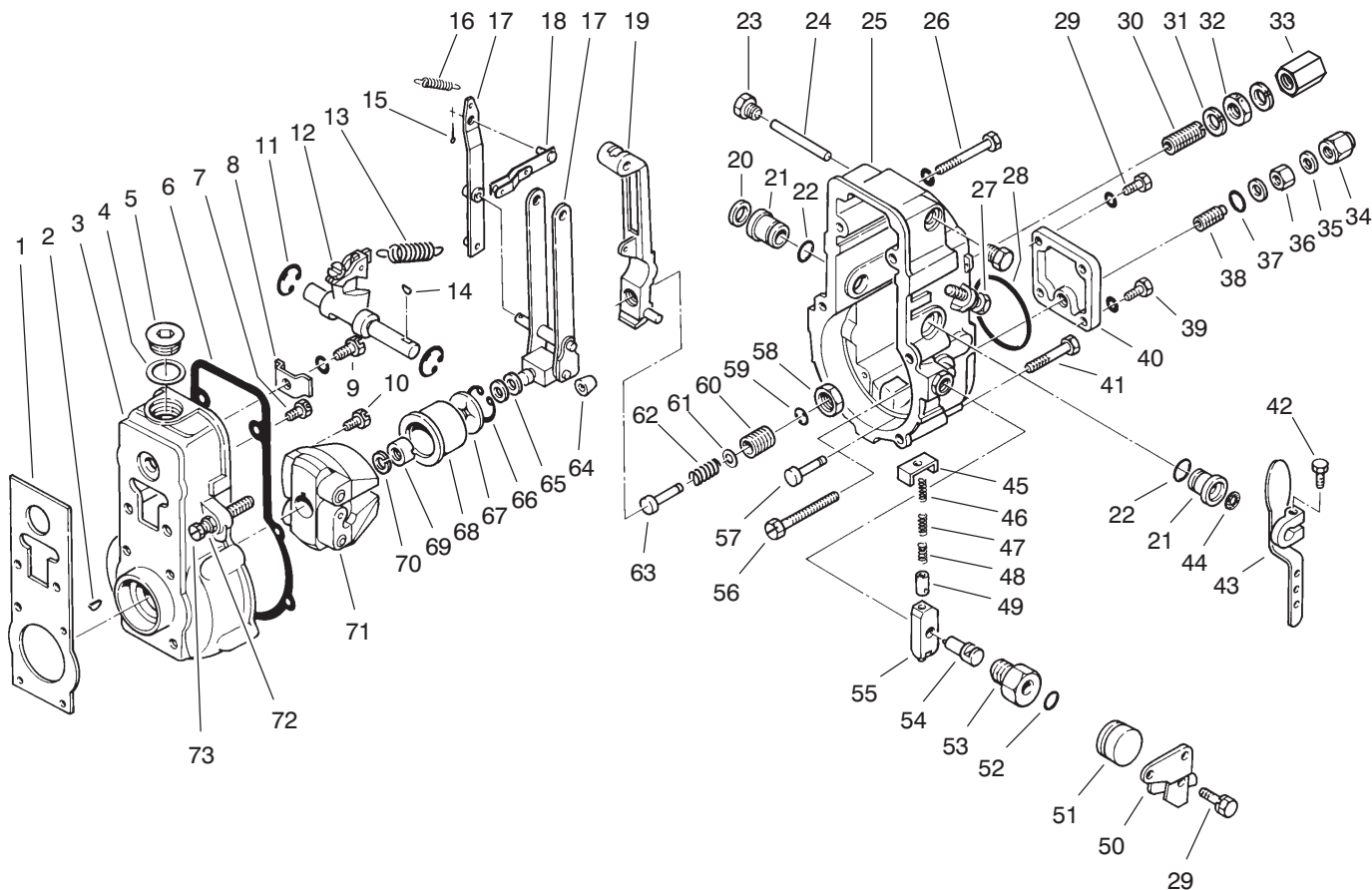


T-0595-1

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



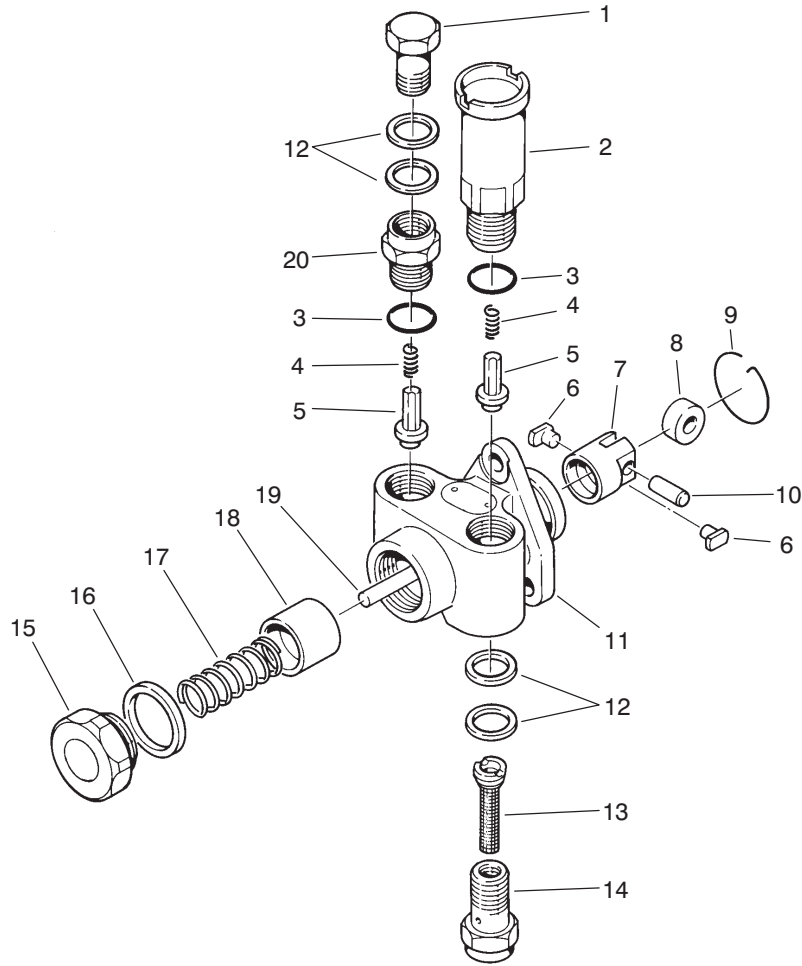
T-0595-1

GOVERNOR ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
53	70-4420	Bushing	1
54	70-4480	Shaft	1
55	70-4470	Lever	1
56	70-4390	Screw	1
57	70-4410	Pin	1
58	70-4300	Nut	1
59	70-4240	E-Ring	1
60	70-4270	Screw	1
61	70-6570	Washer - 0.1	A/R
*	70-6600	Washer - 0.2	A/R
*	70-6580	Washer - 0.25	A/R
*	70-6590	Washer - 0.5	A/R
*	70-6660	Washer - 1.0	A/R
62	70-4280	Spring	1
63	70-4290	Adapter	1
64	70-4540	Slider	1

Ref. No.	Part No.	Description	No. Used
65	70-6610	Washer - 0.2	A/R
*	70-6620	Washer - 0.3	A/R
*	70-6630	Washer - 0.4	A/R
*	70-6640	Washer - 0.1	A/R
*	70-6650	Washer - 1.0	A/R
66	70-6490	Ring	1
67	70-4200	Plate	1
68	70-4190	Sleeve	1
69	70-4180	Nut	1
70	70-6670	Washer	1
71	70-4170	Flyweight Assembly	1
72	70-6560	Nut	2
73	70-4430	Screw	1
*	70-4260	Adapter Assembly (Incl. Ref. #59-63)	1

*Not Illustrated



T-0596-1

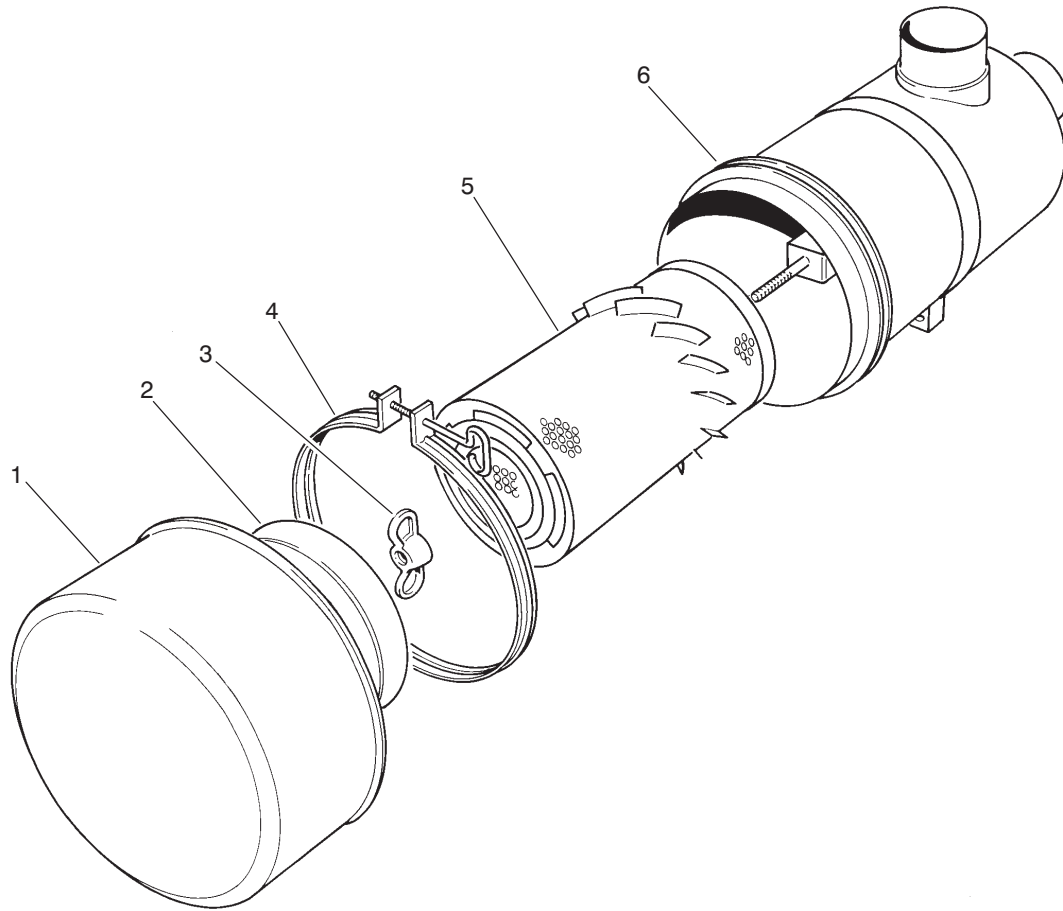
FUEL FEED PUMP ASSEMBLY NO. 70-5700

Ref. No.	Part No.	Description	No. Used
1	70-6940	Screw	1
2	70-4650	Pump Assembly	1
3	70-4630	Gasket	2
4	70-4620	Spring	2
5	70-4610	Valve	2
6	70-4760	Block	2
7	70-4730	Tappet	1
8	70-4740	Roller	1
9	70-6820	Ring	1
10	70-4750	Pin	1
11	70-4600	Housing Assembly	1
†12	70-3870	Washer	4
13	70-4790	Filter	1

Ref. No.	Part No.	Description	No. Used
14	70-4800	Screw	1
15	70-4780	Plug	1
16	70-6700	Washer	1
17	70-4770	Spring	1
18	70-4720	Piston	1
19	70-4660	Rod, Blue Small Dia.	A/R
*	70-4670	Rod, Red Small Dia.	A/R
*	70-4680	Rod, Yellow Small Dia.	A/R
*	70-4690	Rod, Green Small Dia.	A/R
*	70-4700	Rod, White Small Dia.	A/R
*	70-4710	Rod, Brown Big Dia.	A/R
20	70-4640	Support	1

*Not Illustrated

†Included in Gasket Set No. 70-6950



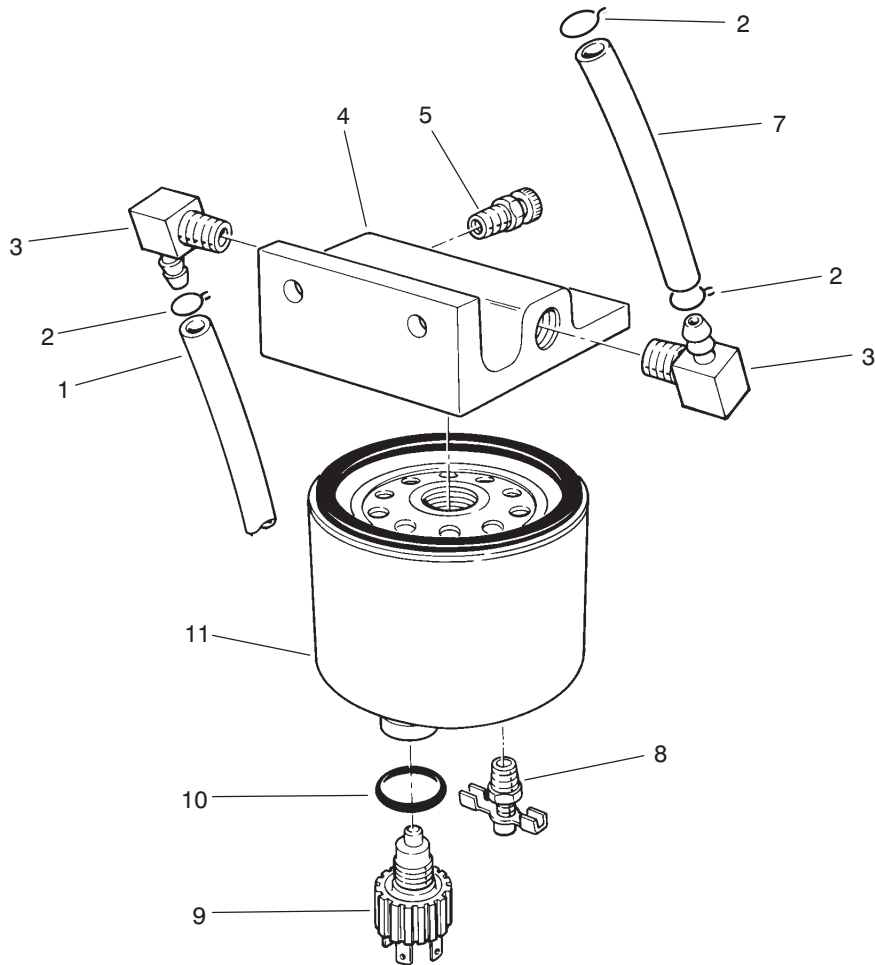
T-0387-1

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

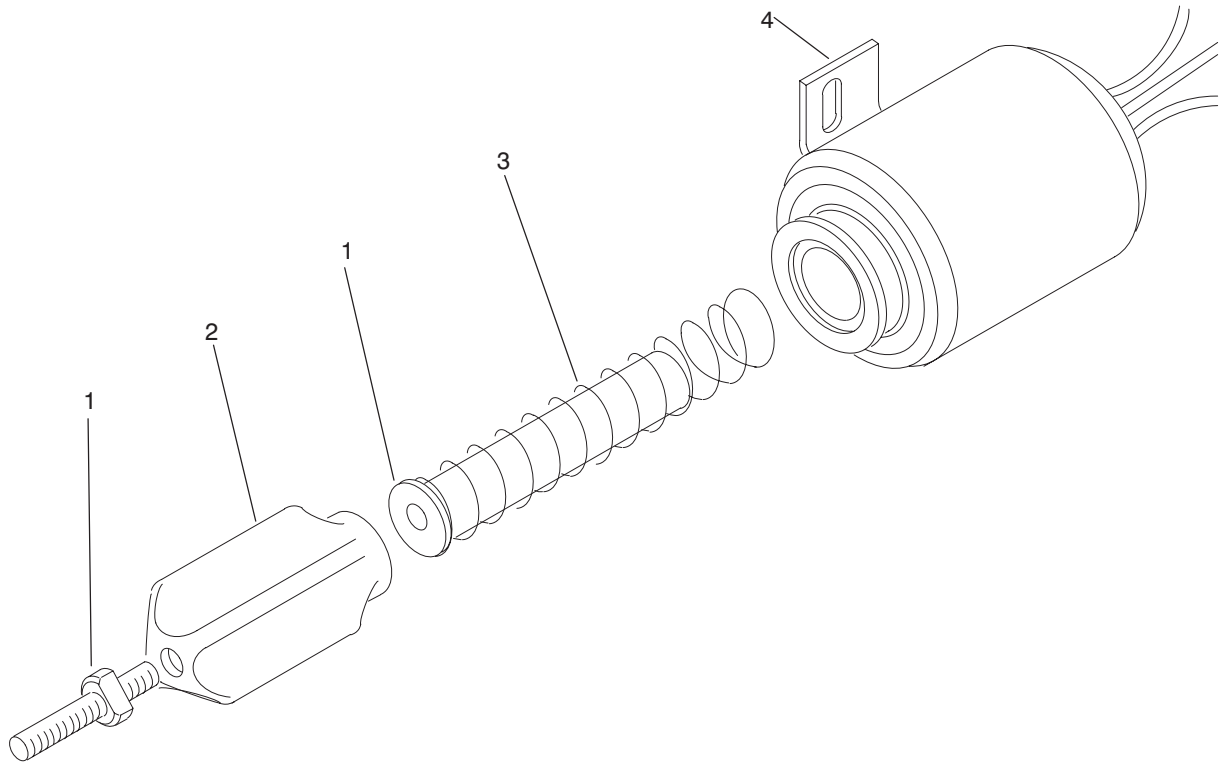


T-0376-1

FUEL FILTER ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	37-9560	Hose - Fuel	1	8	63-8310	Valve - Drain	1
2	2412-108	Clamp - Hose	3	9	69-1760	Sensor - Water	1
3	353-781	Fitting - Fuel Elbow	2	10	237-154	Seal - O-Ring	1
4	63-8280	Head - Fuel Filter (Incl. Ref. #5)	1	11	69-1770	Element - Spin-On (Incl. Ref. #6)	1
5	63-8290	Vent - Air	1	*	69-1750	Fuel Filter Assembly (Incl. Ref. #4, 5 & 8-11)	1
7	71-2690	Hose - Fuel	1				

*Not Illustrated



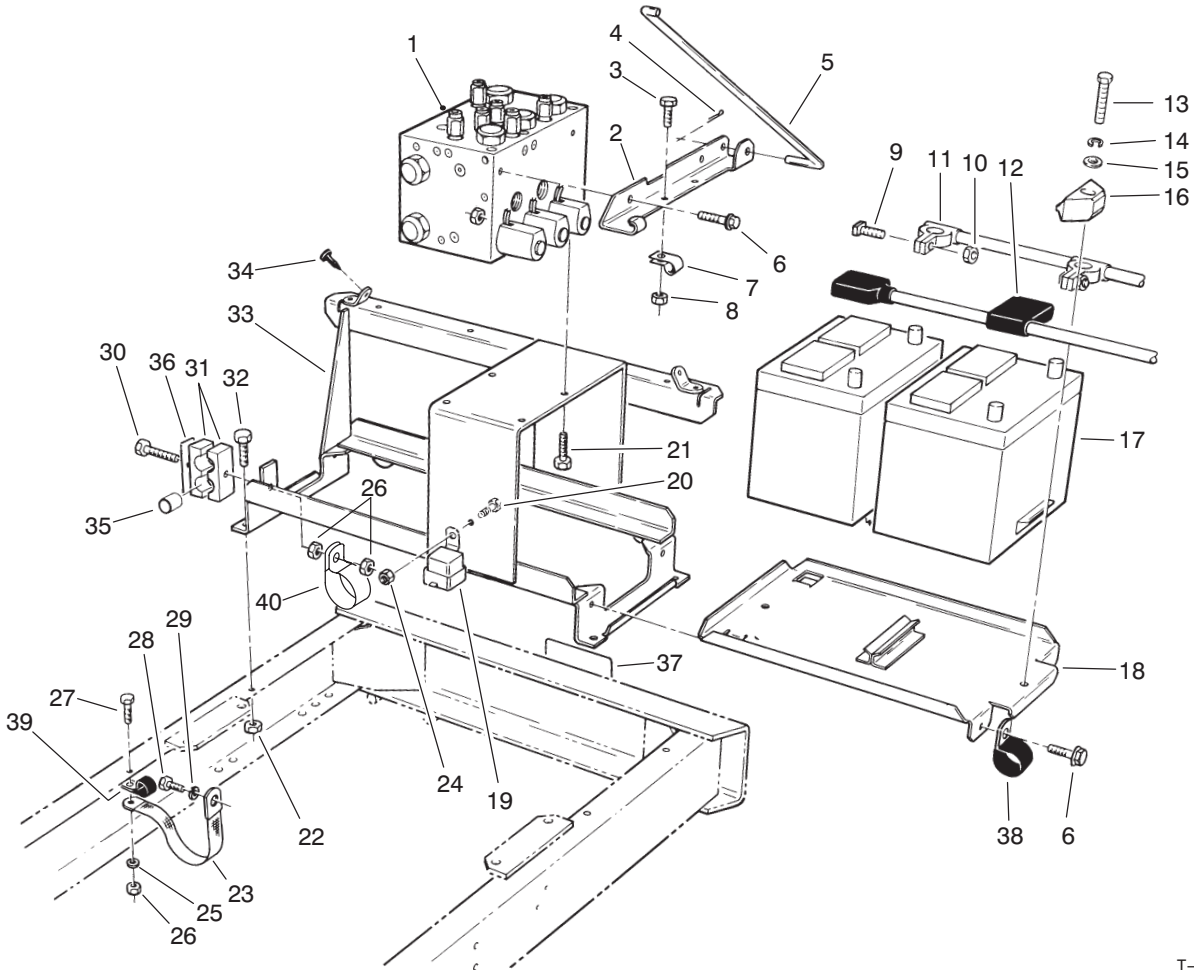
T-1758-1

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		Body - Solenoid	1
*	85-6230	Assembly - Solenoid Valve (Incl. Ref. #1-4)	1

*Not Illustrated



T-0346-1

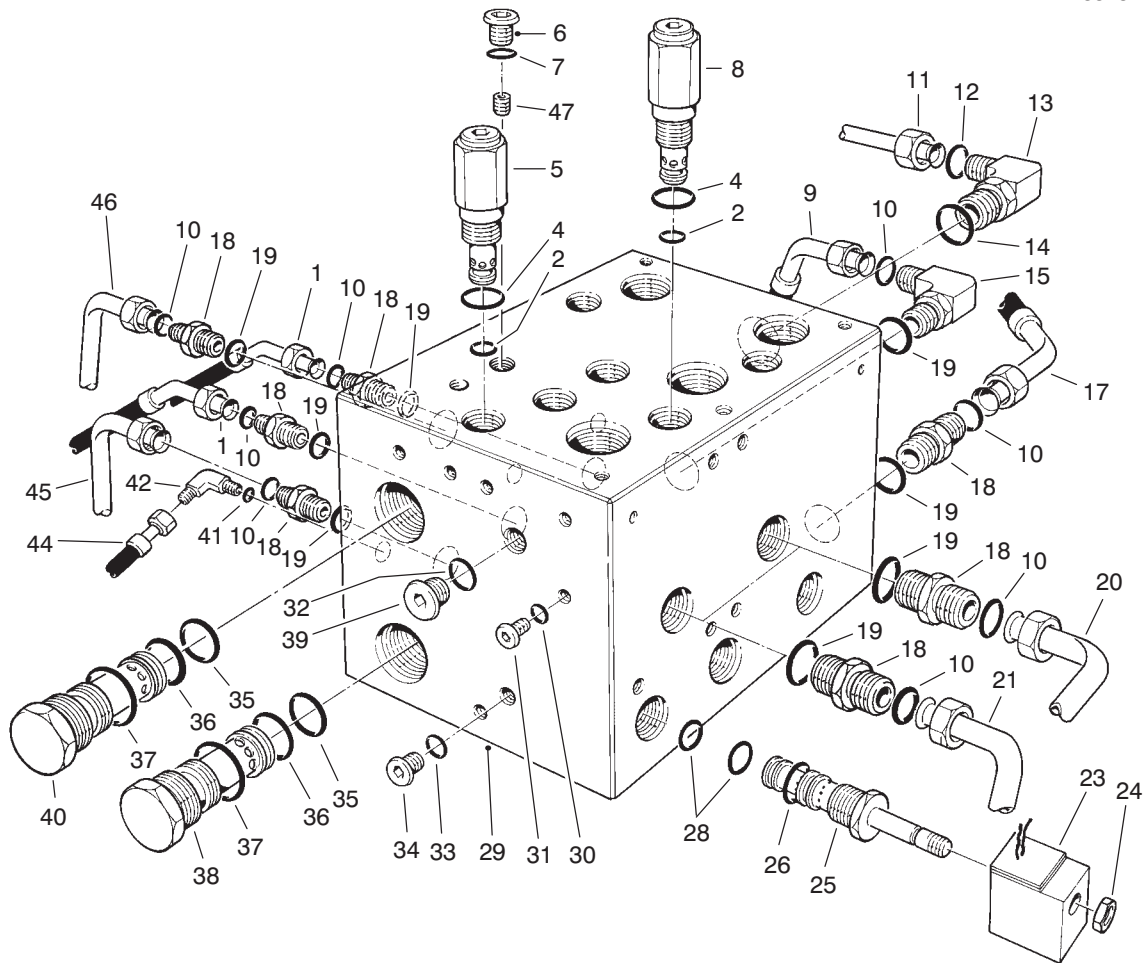
BATTERY FRAME ASSEMBLY

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

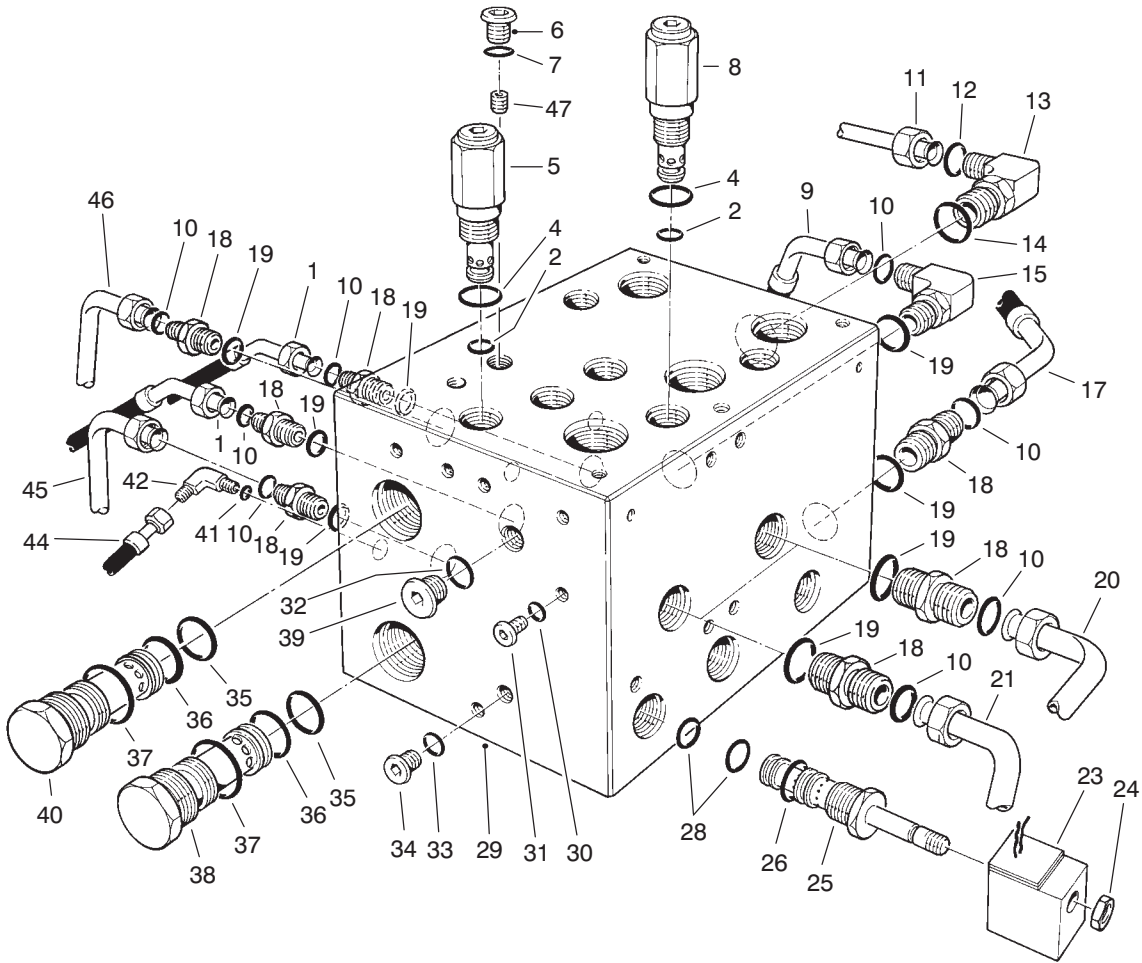


T-0364-2

PTO MANIFOLD ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	69-5590	Hose - Hydraulic	2	24	3219-10	Nut - Jam	3
†2		Seal - O-Ring	6	25	92-3071	Spool - Solenoid Valve (Incl. Ref. # 24, 26-28)	3
†4		Seal - O-Ring	6	†26		Seal - O-Ring	3
5	94-4843	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
				46	69-6150	Tube - Hydraulic	1

†Not serviceable separately.



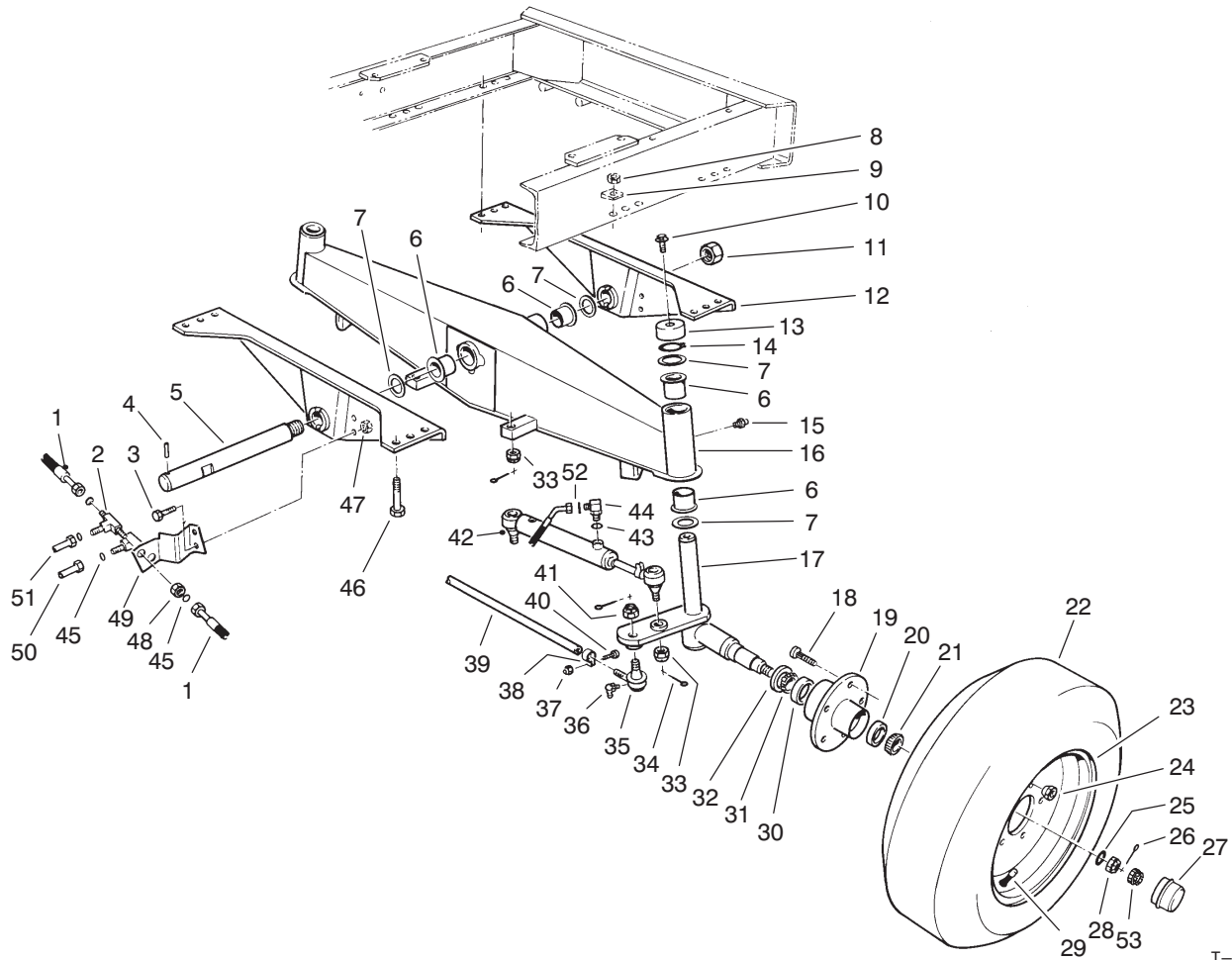
T-0364-2

PTO MANIFOLD ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
47	69-4220	Plug - Orifice	1
*	75-2080	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



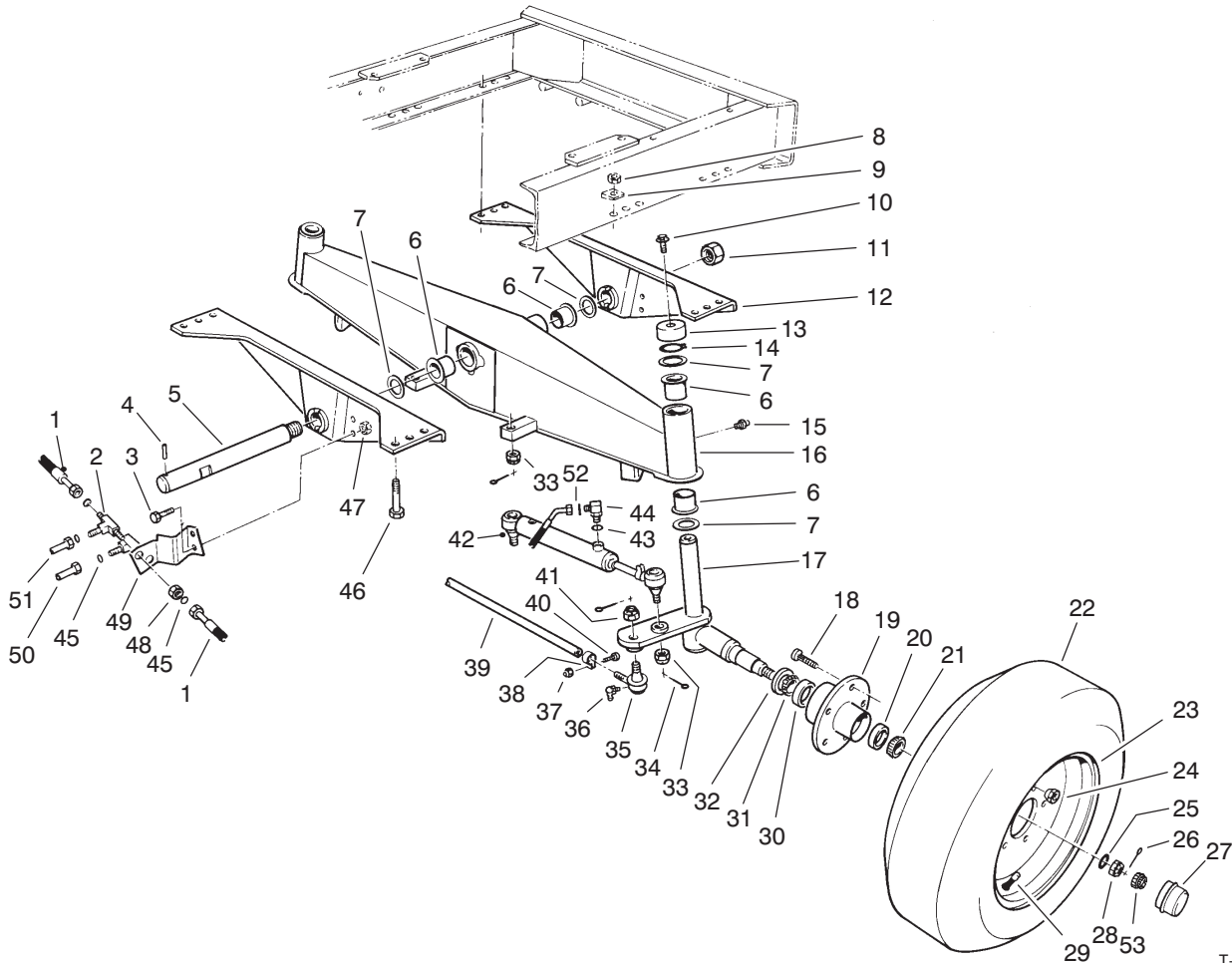
T-0345-1

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		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.

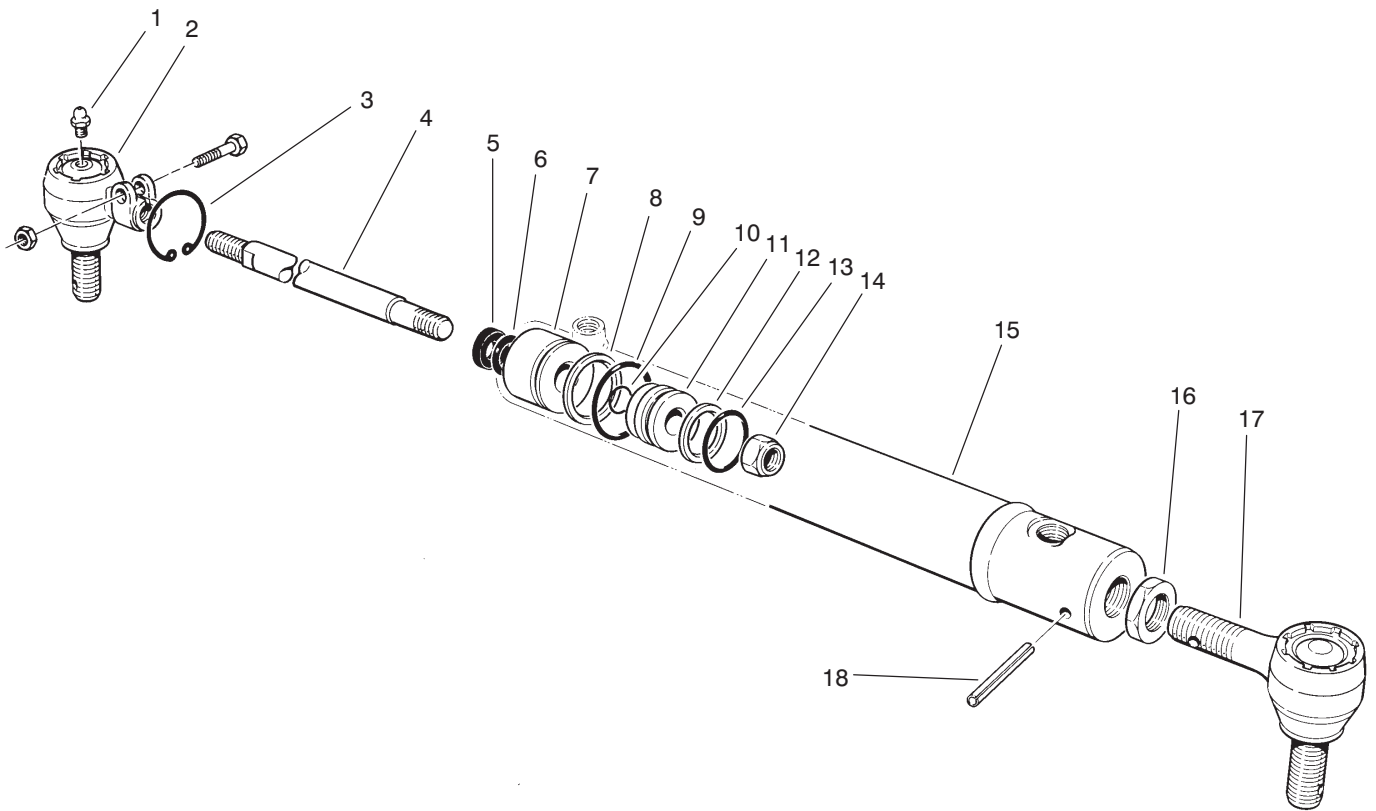


T-0345-1

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



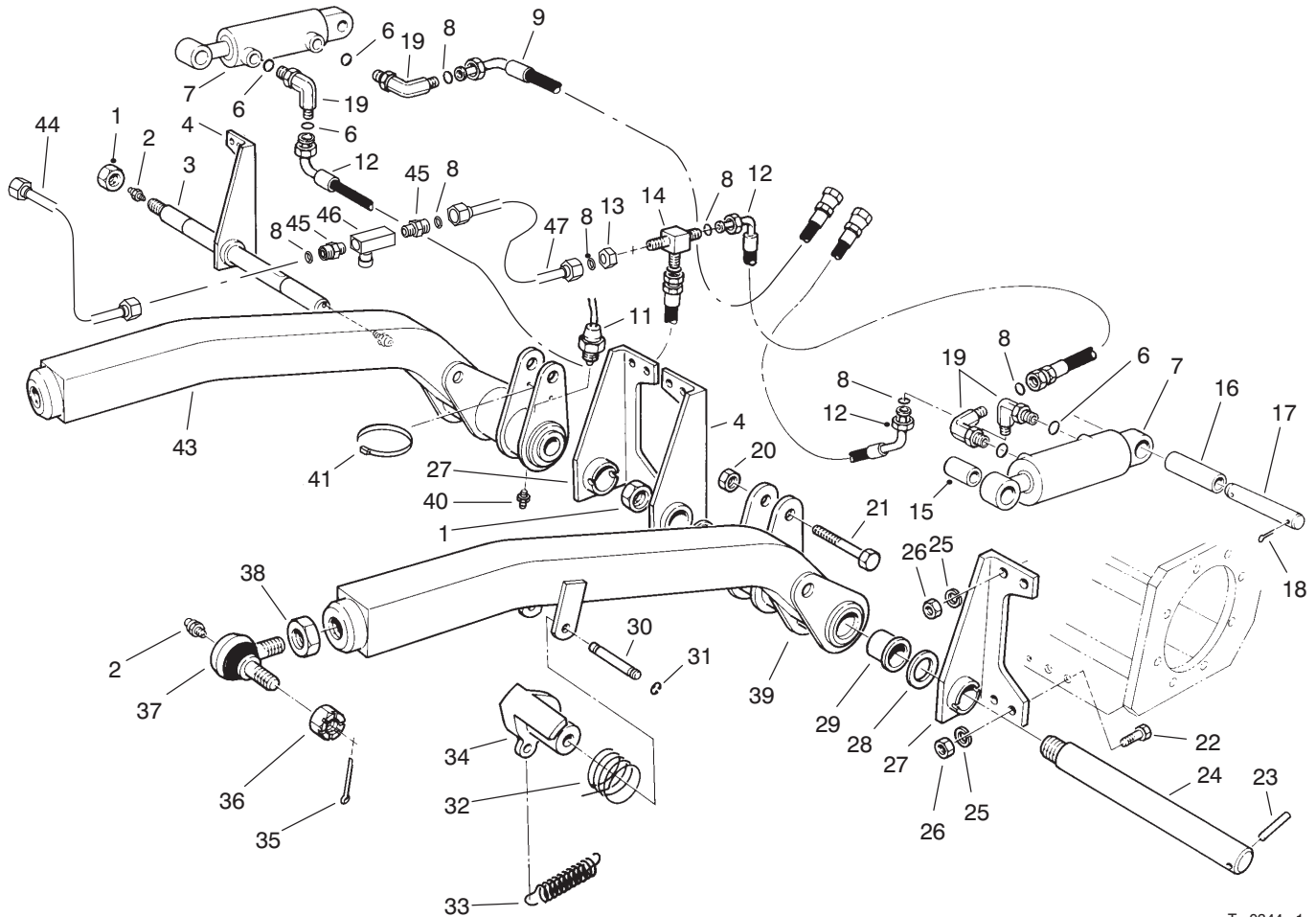
T-0378-1

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

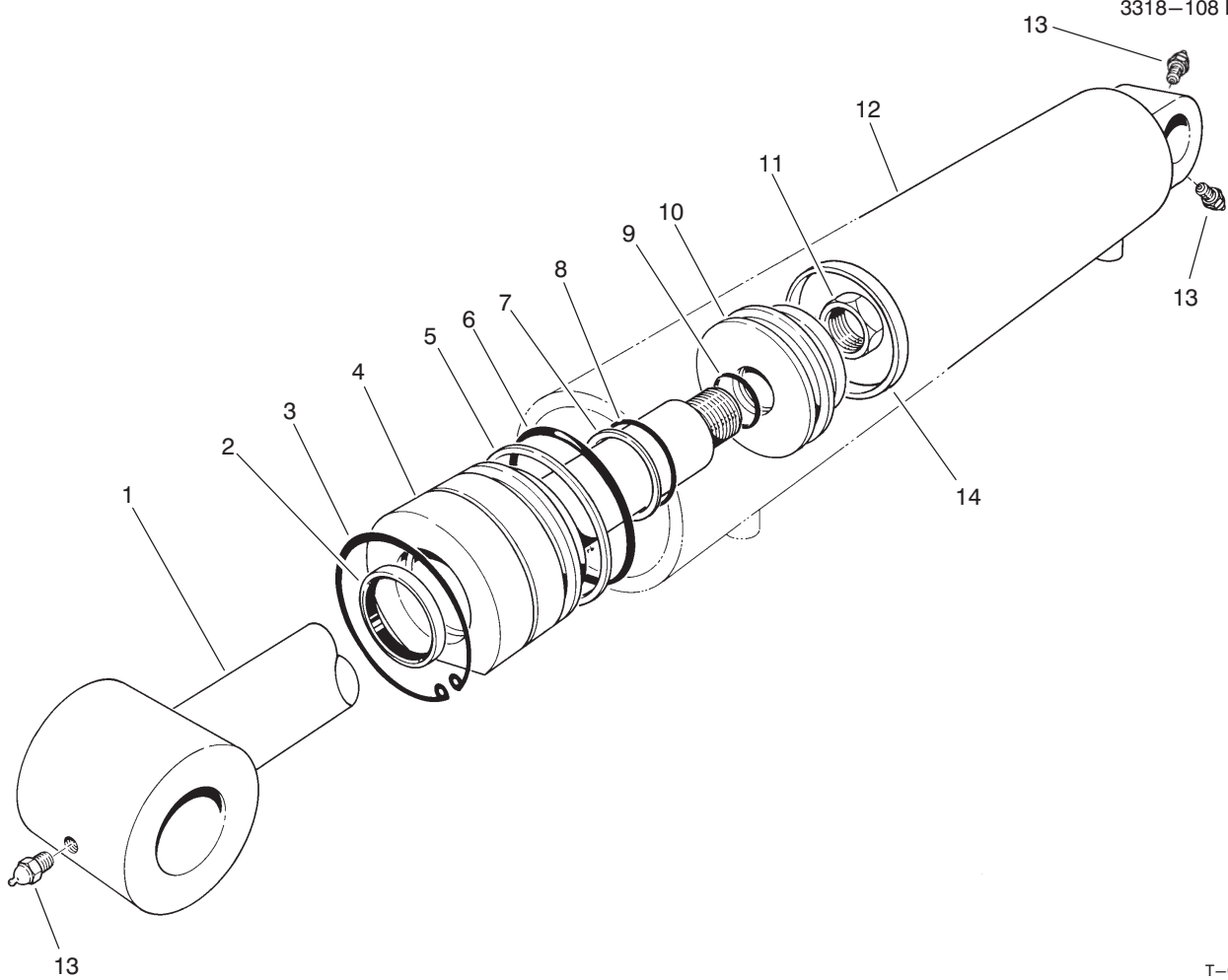


T-0344-1

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	328-5	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-0380-1

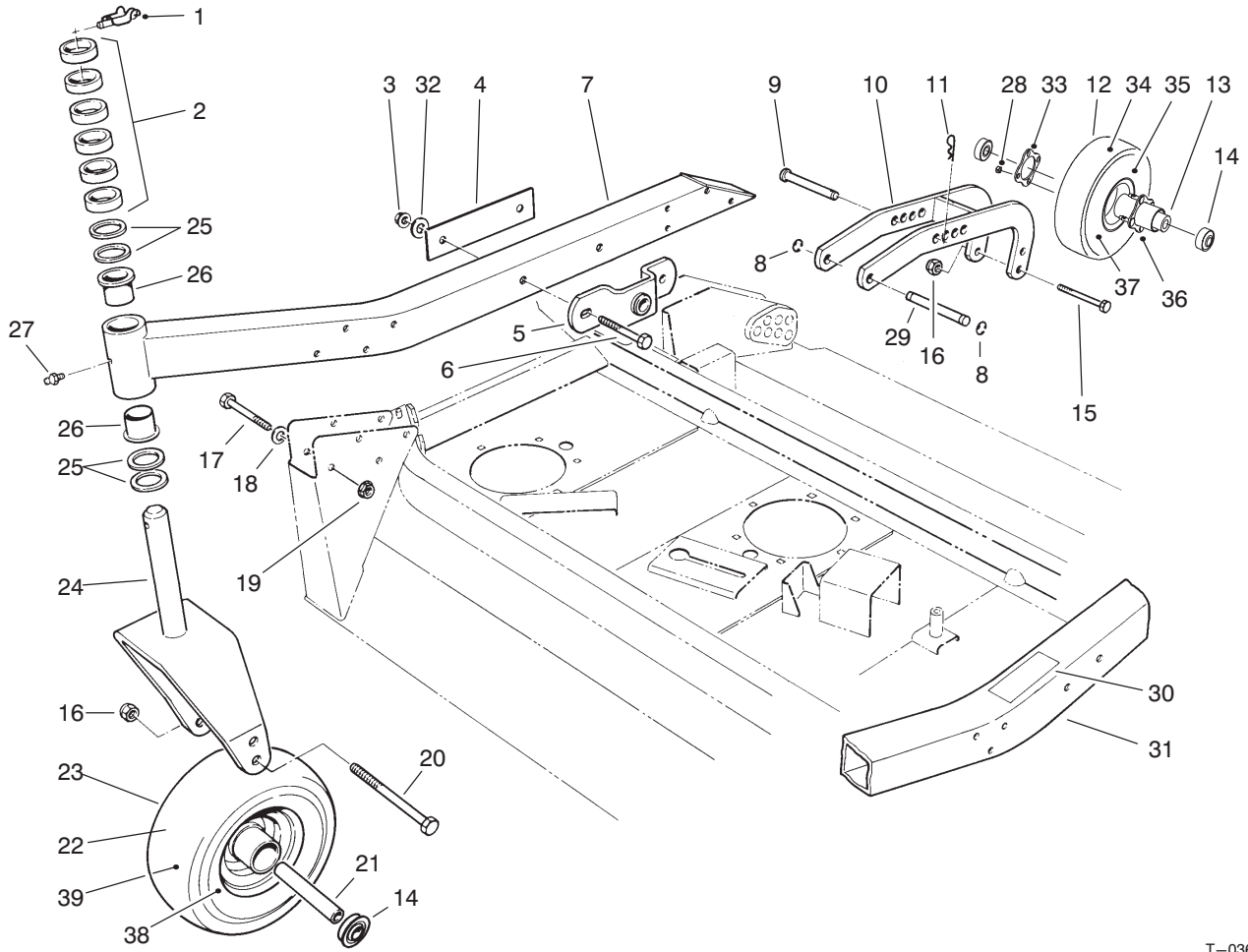
HYDRAULIC CYLINDER ASSEMBLY NO. 92-4971

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

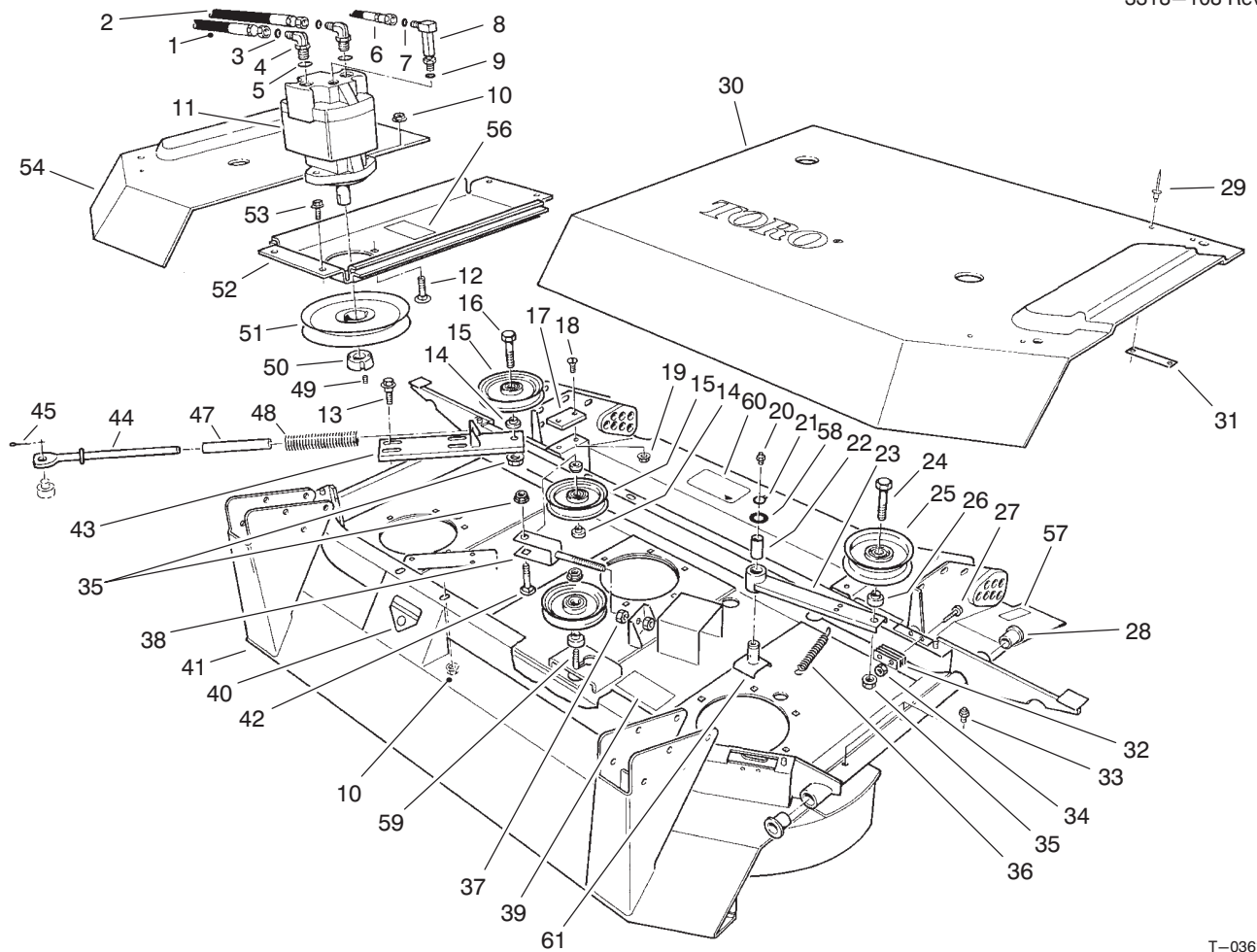
†Not serviceable separately.



T-0362-2

CENTER DECK MODEL NO. 30592 CARRIER FRAME ASSEMBLY

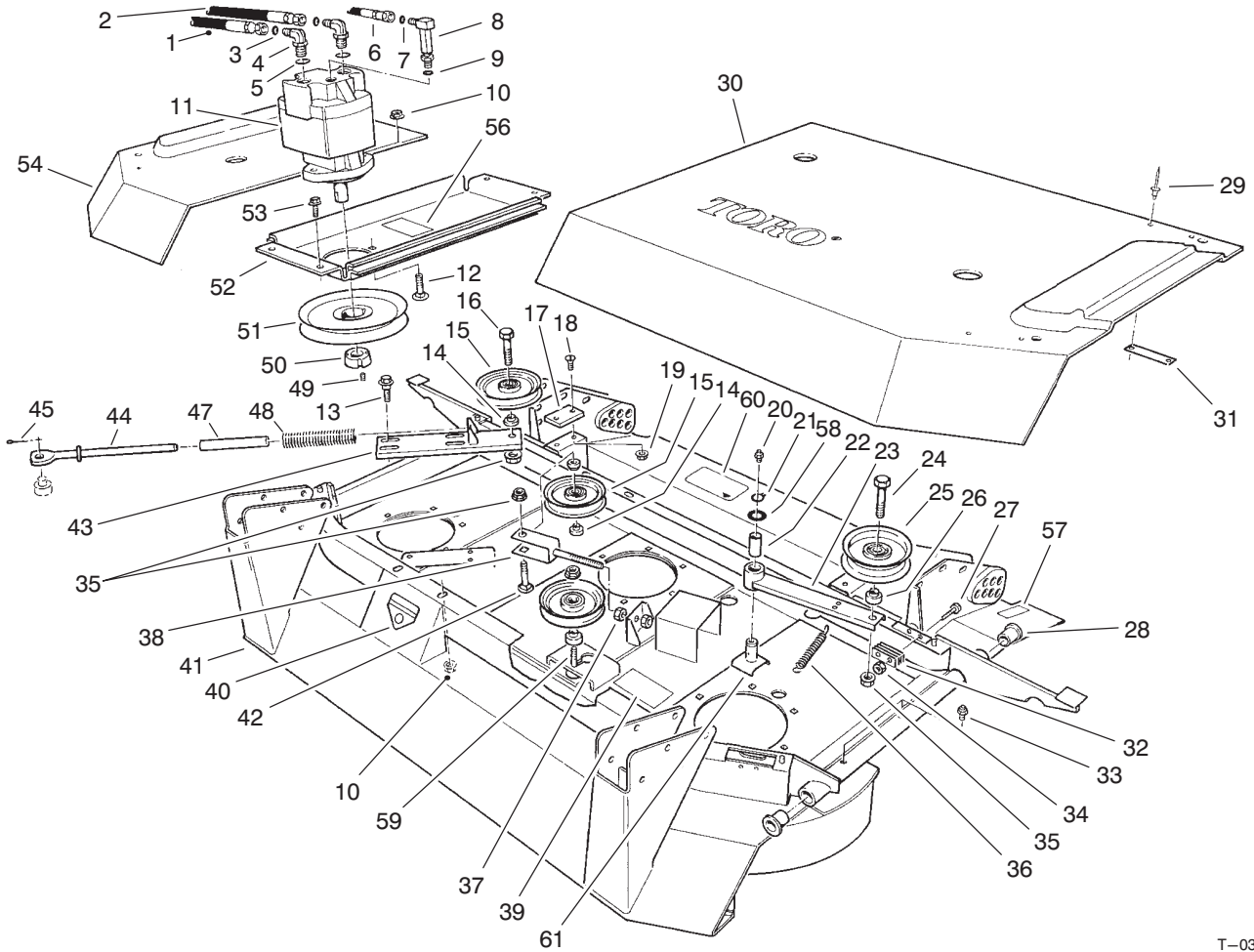
Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	3290-384	Pin - Lynch	2	21	93-5630	Spacer - Bearing	2
2	69-1510	Spacer - Caster	12	22	93-5508	Tire - 13"	2
3	32128-23	Nut - Flange Lock	4	23	93-5452	Wheel - Pneumatic, 13" (Incl. Ref. #14, 21-22 & 38-39)	2
4	69-8790	Plate - Reinforcing	2	24	69-6270	Fork - Castor	2
5	69-7290	Mount - Ball Joint	2	25	69-6860	Washer - Castor	8
6	325-15	Screw - Cap Hex. Hd.	4	26	69-6470	Bushing - Flange	4
7	69-8860	Arm - Castor R.H. (Incl. Ref. #26-27)	1	27	302-5	Fitting - Grease	2
8	32151-48	Ring - Retaining	4	28	32128-16	Nut - HHF	8
9	283-70	Pin - Hitch (Incl. Ref. #11)	2	29	69-9260	Pin - Clevis	2
10	75-9790	Arm - Pivot	2	30	69-0880	Decal - Torque	1
11	3290-343	Pin - Cotter Hair	2	31	13-5069	Arm - Castor L.H. (Incl. Ref. #26-27, & 30)	1
12	93-4240	10" Wheel - Pneumatic (Incl. Ref. #13-14, 28 & 33-37)	2	32	30-8770	Washer - Flat	4
13	93-4241	Spacer	2	33	93-4242	Plate	2
14	93-4237	Bearing	8	34	93-4243	Tire - 10"	2
15	327-24	Screw Cap Hex. Hd.	2	35	93-4239	Rim - Wheel	4
16	3296-53	Nut - Lock	4	36	93-5980	Hub	2
17	323-15	Screw - Cap Hex. Hd.	16	37	93-4244	Tube - w/Valve	2
18	5-0838	Washer - Flat	16	38	93-5631	Rim - Wheel	2
19	32128-43	Nut - Lock	16	39	93-5963	Tube - w/Valve	2
20	327-25	Screw - Cap Hex. Hd.	2				



T-0361-2

CENTER DECK MODEL NO. 30592

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	76-2760	Hydraulic Hose Assembly	1	26	69-6970	Spacer - Idler	1
2	76-2750	Hydraulic Hose Assembly	1	27	32105-1	Screw - Machine	8
3	237-58	Seal - O-Ring	2	28	256-117	Bushing - Flange	4
4	340-142	Fitting - Hydraulic Elbow (Incl. Ref #3 & 5)	2	29	3269-25	Rivet - Pop	8
5	237-81	Seal - O-Ring	2	30	69-6780	Cover - Center Left	1
6	76-2770	Hydraulic Hose Assembly	1	31	69-6870	Plate - Magnet	4
7	237-22	Seal - O-Ring	1	32	69-6260	Magnet - Cover	4
8	69-4320	Fitting - Hydraulic 90° (Incl. Ref. #7 & 9)	1	33	302-5	Fitting - Grease	4
9	237-42	Seal O-Ring	1	34	3296-2	Nut - Lock	8
10	32128-21	Nut - Flange Lock	6	35	32128-23	Nut - Flange Lock	4
11	94-4907	Motor - Hydraulic	1	36	76-1670	Spring - Extension	1
12	3231-28	Bolt - Carriage	2	37	3217-9	Nut - Jam	2
13	19-1470	Bolt - Shoulder	4	38	69-6550	Arm - Tension	1
14	69-6960	Spacer - Idler	4	39	82-2560	Decal - Belt Routing	1
15	63-1540	Pulley - Idler	3	40	43-8480	Decal - Danger	1
16	325-7	Screw - Cap Hex. Hd.	1	41	13-4969	Deck - Center (Incl. Ref. #20, 28, 33, 39, 40 & 57)	1
17	69-9290	Pad - Bumper	2	42	3233-27	Bolt - Carriage	1
18	32108-103	Screw - Flat Hd.	4	43	69-6490	Plate - Tension	1
19	32128 -20	Nut - Lock	4	44	77-2830	Rod - Spring	1
20	302-2	Fitting - Grease	1	45	3272-7	Pin - Cotter	1
21	32120-72	Ring - Retaining	1	47	69-6890	Spacer - Spring	1
22	256-188	Bushing - Sleeve	1	48	86-7480	Spring - Compression	1
23	69-6610	Arm - Idler (Incl. Ref. #22)	1	49		Screw - Set	2
24	325-8	Screw - Cap Hex. Hd.	1	50	23-1640	Bushing - Taper Lock (Incl. Ref. #49)	1
25	69-5430	Pulley-Idler	1				



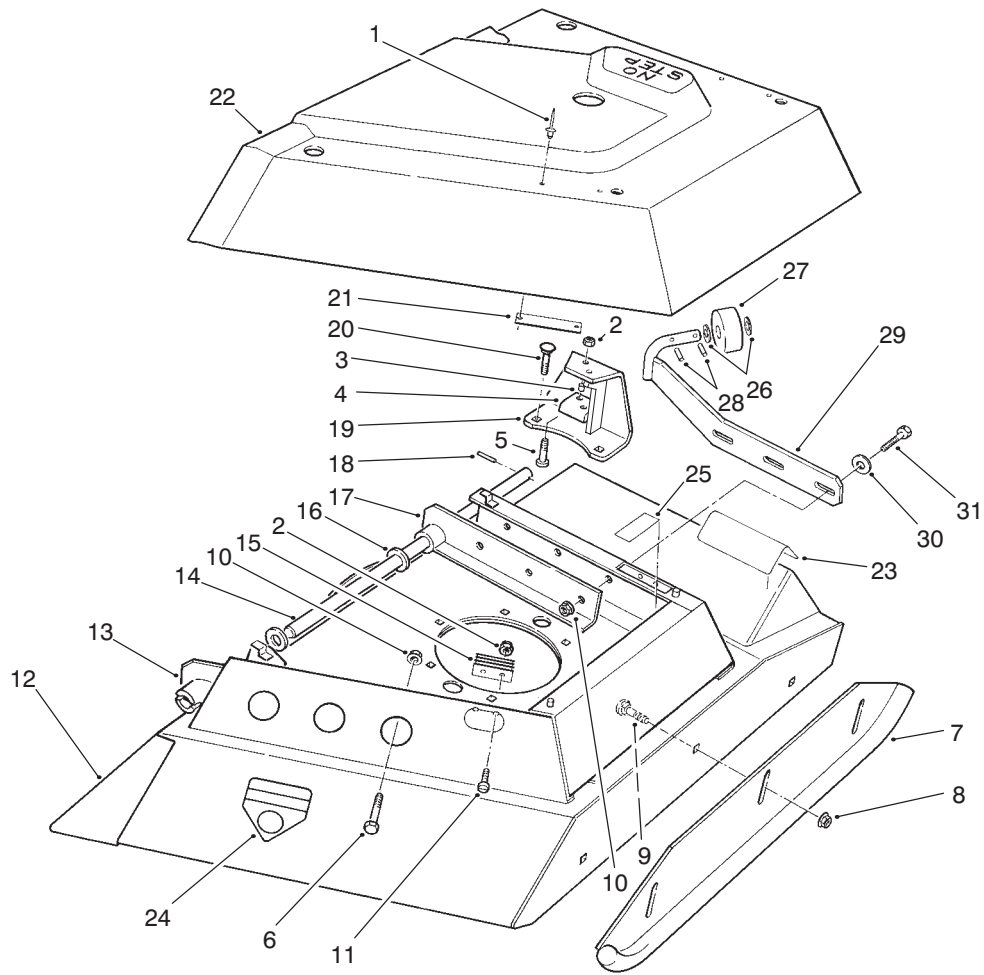
T-0361-2

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

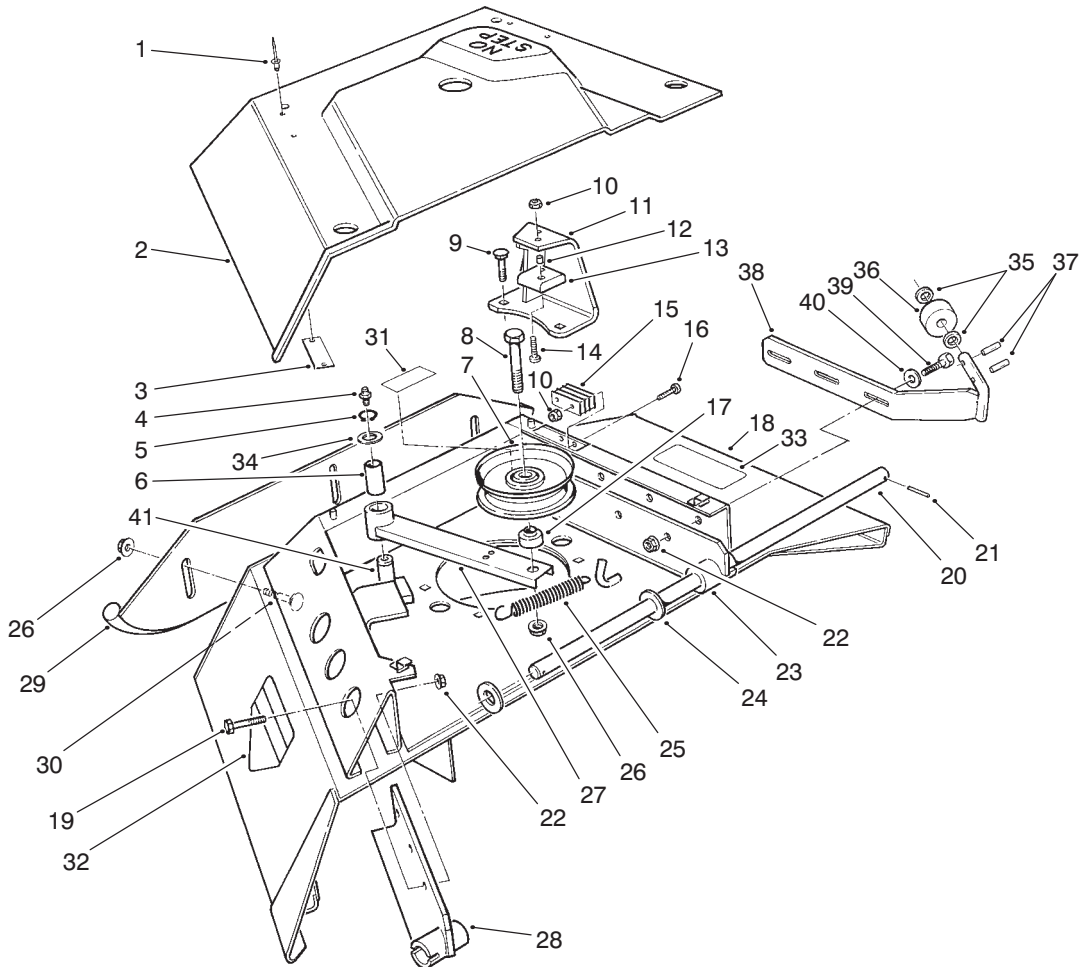


T-0366-2

CENTER DECK MODEL NO. 30592 LEFT WING ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	3269-25	Rivet - Pop	4	17	69-6670	Hinge - Left Rear	1
2	3296-2	Nut - Lock	6	18	32121-6	Pin - Roll	2
3	40-9520	Spacer - Split	2	19	94-6760	Bracket - Support	1
4	40-0330	Cushion - Rubber	1	20	3231-25	Bolt - Carriage	2
5	32122-28	Screw - Truss Hd.	2	21	69-6870	Plate - Magnet	2
6	323-6	Screw - Cap Hex. Hd.	3	22	69-6850	Cover - Left Wing	1
7	69-6730	Skid	1	23	66-1340	Decal - Danger	1
8	32128-23	Nut - Flange Lock	3	24	43-8480	Decal - Danger	1
9	3233-9	Bolt - Carriage	3	25	67-5360	Decal - Danger	1
10	32128-21	Nut - Flange Lock	6	26	3256-69	Washer	2
11	32105-1	Screw - Machine	4	27	82-4910	Roller	1
12	13-4989	Deck - Left Wing (Incl. Ref. #23-25)	1	28	32121-4	Pin - Roll	2
13	69-6640	Hinge - Left Front	1	29	88-9270	Bracket - Roller LH	1
14	69-6900	Shaft - Hinge	1	30	5-0838	Washer - Flat	3
15	69-6260	Magnet - Cover	2	31	323-7	Screw - Cap Hex. Hd.	3
16	256-305	Washer - Thrust	2	*	76-2060	V-Belt	1
				*	42-6200	Shim - Cushion	A/R

*Not Illustrated



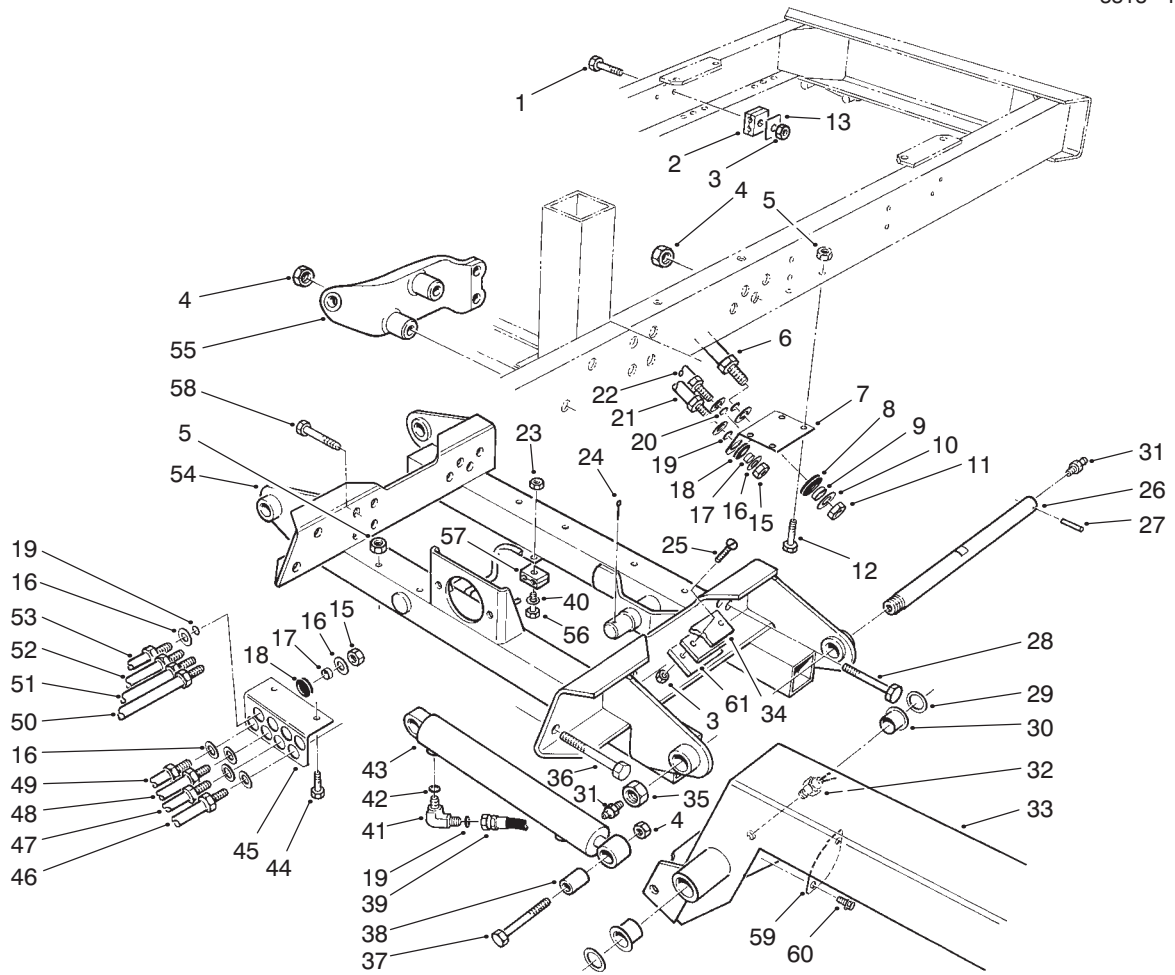
T-0365-2

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	94-6762	Bracket - Support	1
12	40-9520	Spacer - Split	2
13	40-0330	Cushion - Rubber	1
14	32122-28	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



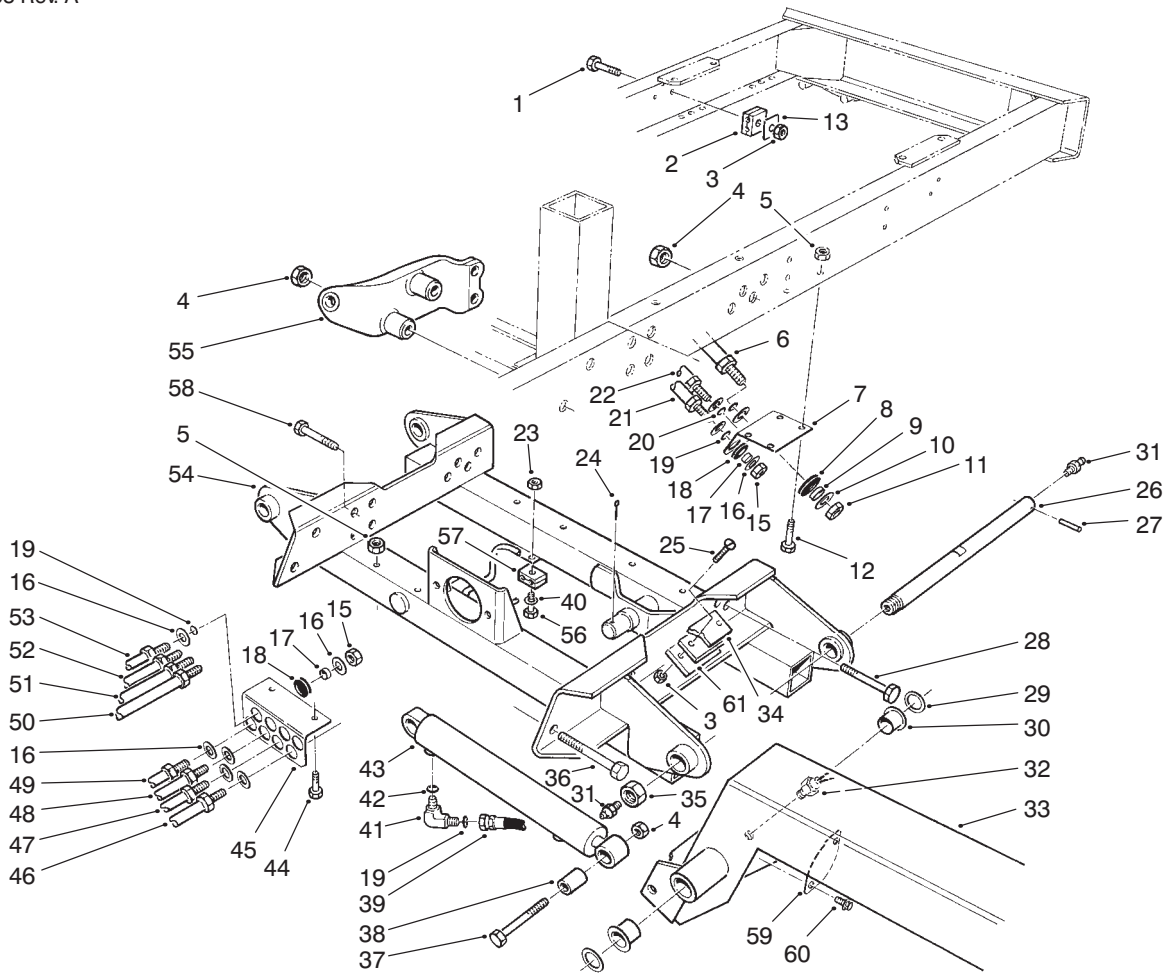
T-0348-1

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

*Not Illustrated



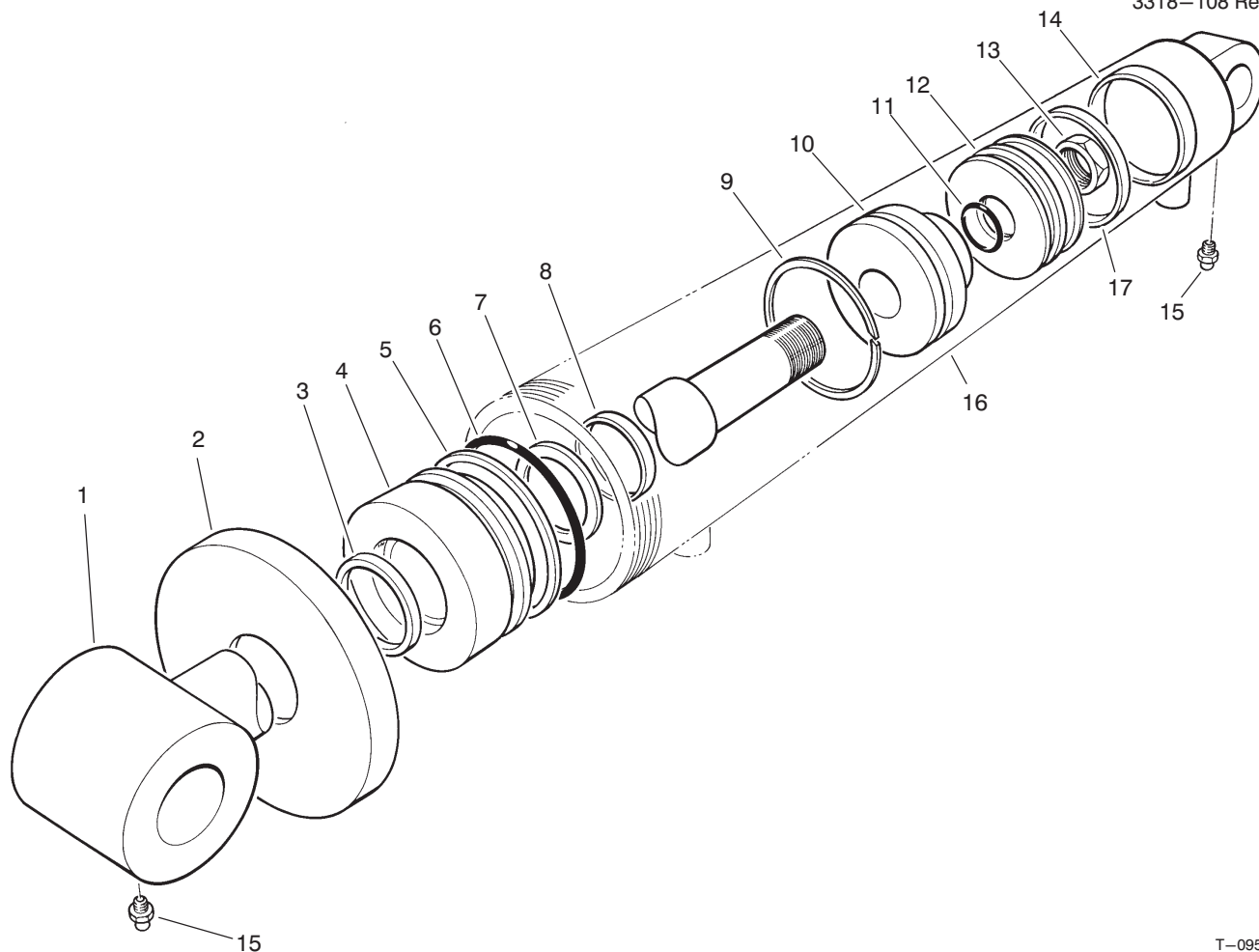
T-0348-1

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-0959-1

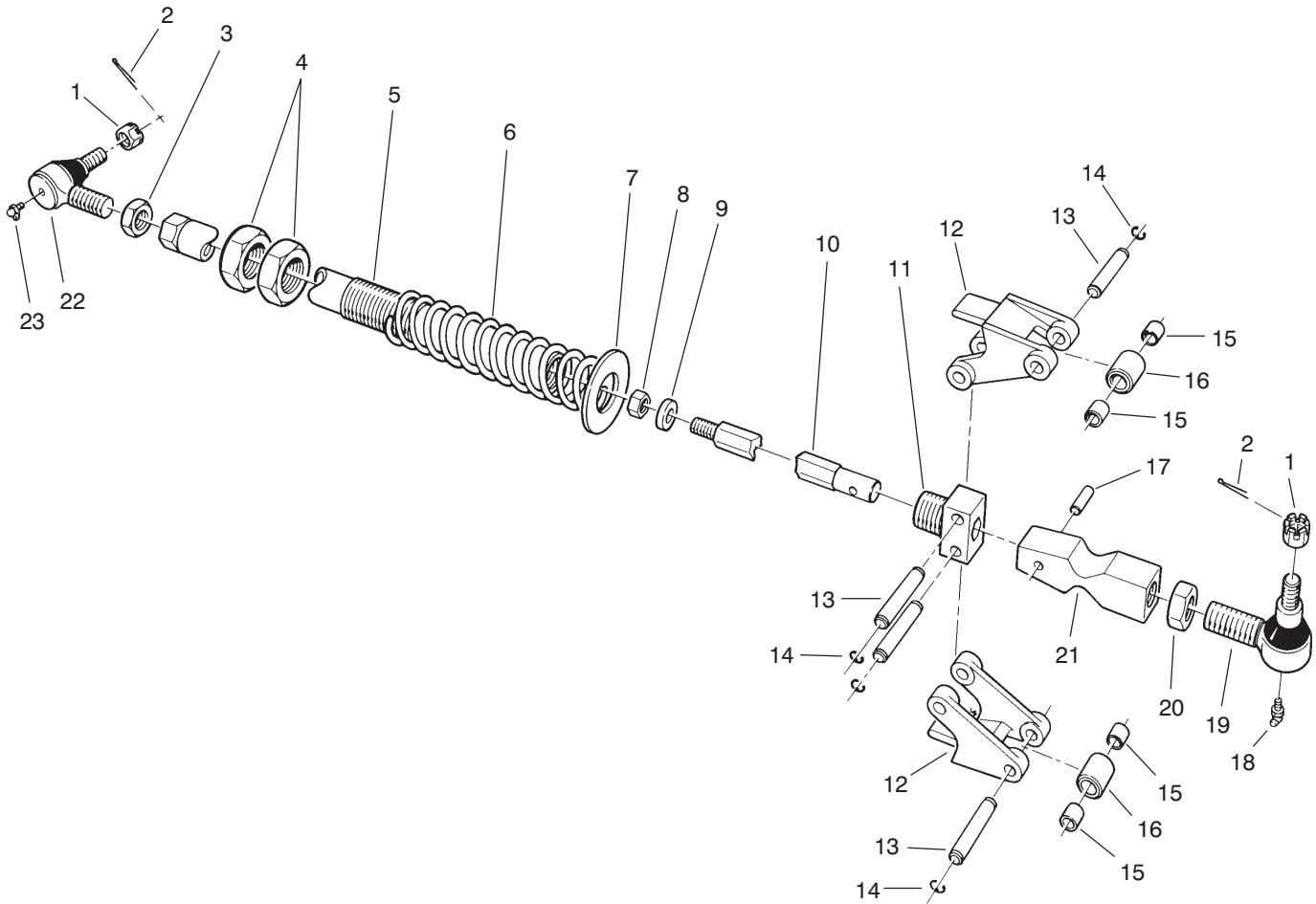
HYDRAULIC CYLINDER ASSEMBLY NO. 74-2170

Ref. No.	Part No.	Description	No. Used
1	74-2230	Shaft/Clevis	1
2	74-2220	Collar	1
†3		Seal - Dust	1
4	74-2200	Head	1
†5		Ring - Back-Up	1
†6		Seal - O-Ring	1
†7		Seal - Uni-Ring	1
†8		Ring - Wear	1
9	74-2180	Ring - Steel	1
10	74-2190	Cushion	1

Ref. No.	Part No.	Description	No. Used
†11		Seal - Uni-Ring	1
12	74-2210	Piston	1
13	60-9760	Nut - Lock	1
†14		Ring - Wear	1
15	302-5	Fitting - Grease	2
†16		Barrel/Clevis	1
†17		Seal - Uni-Ring	1
*	86-7350	Seal Repair Kit (Incl. Ref. #3, 5-8, 11, 14 & 17)	1

*Not Illustrated

†Not serviceable separately.

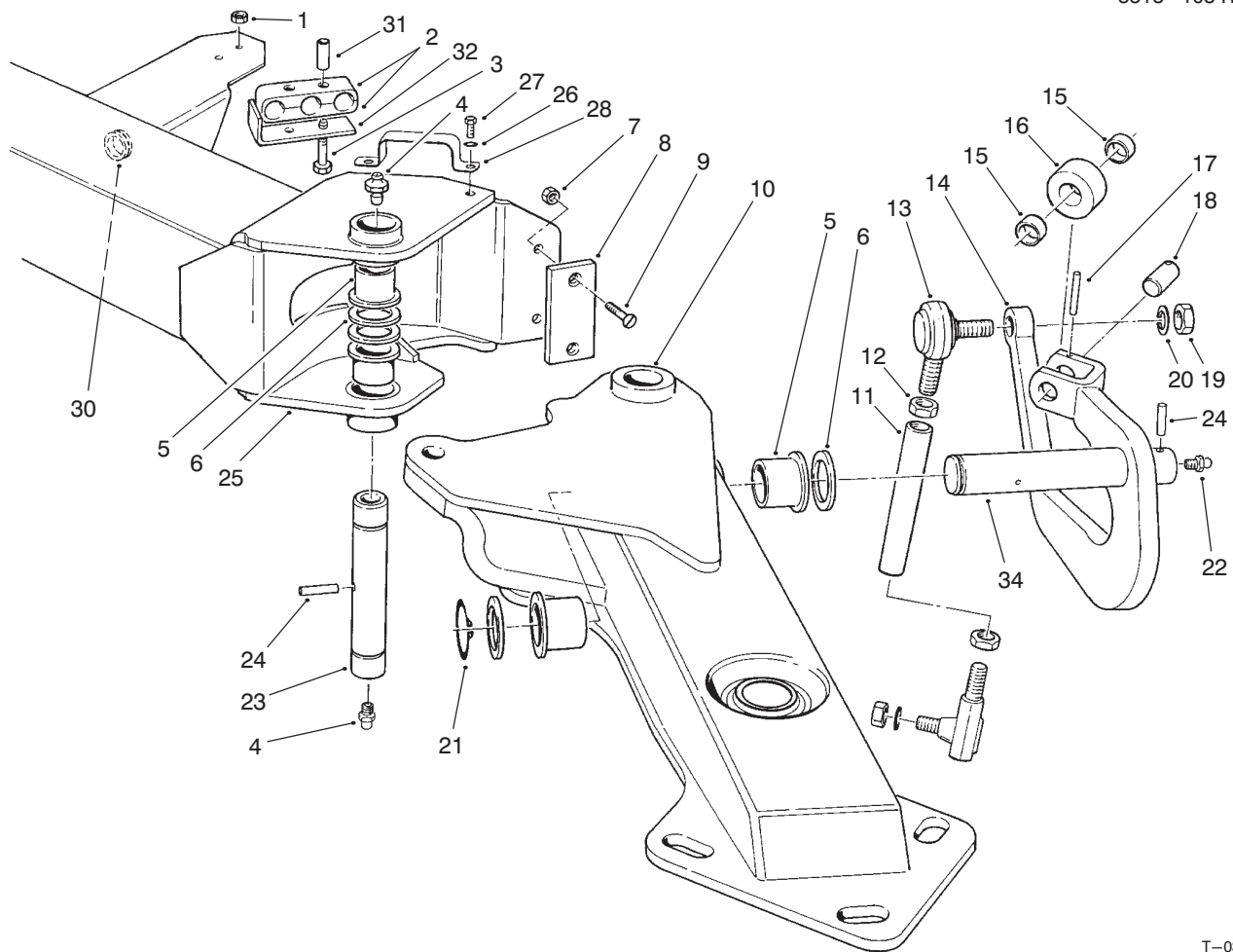


T-0369-1

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

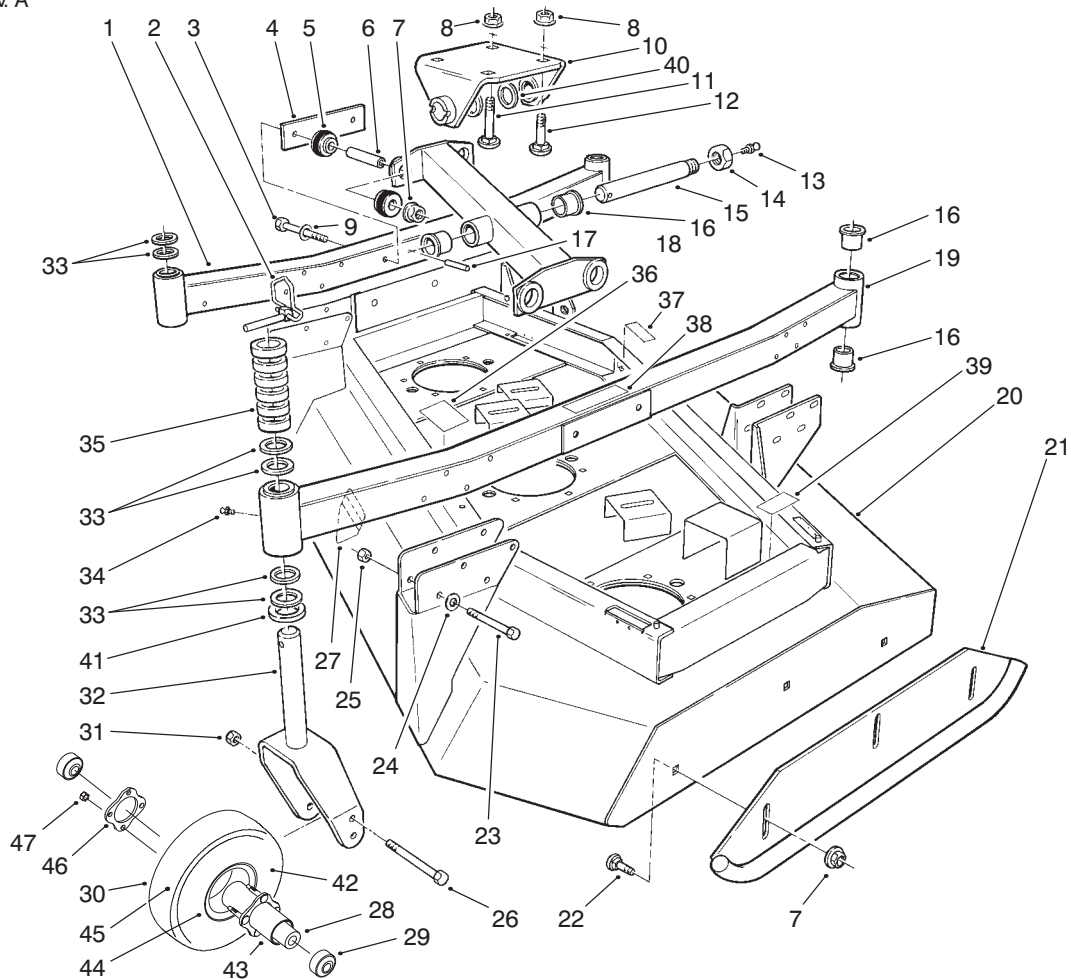


T-0370-2

WING DECK LIFT ARM ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	32152-4	Nut - Lock	4	17	32121-34	Pin - Roll	2
2	74-2710	Clamp Half - Hydraulic Line	4	18	69-9250	Shaft - Roller	2
3	321-15	Screw - Cap Hex. Hd.	4	19	3219-7	Nut - Lock	4
4	302-2	Fitting - Grease	4	20	3253-9	Washer - Lock	4
5	69-6470	Bushing - Flange	8	21	32151-10	Ring - Retaining	2
6	256-304	Washer - Thrust	8	22	302-5	Fitting - Grease	2
7	32152-1	Nut - Lock	4	23	71-2620	Shaft - Lift Arm Elbow	2
8	69-9300	Cushion - Rubber	2	24	32121-110	Pin Roll	4
9	32108-103	Screw - Machine Flat Hd.	4	25	93-9926	Lift Arm Assembly L.H. (Incl. Ref. #5)	1
10	93-9942	Arm - Outer Lift L.H. (Incl. Ref. #5)	1	*	93-9925	Lift Arm Assembly R.H. (Incl. Ref. #5)	1
*	93-9941	Arm - Outer Lift R.H. (Incl. Ref. #5)	1	26	3254-2	Washer	4
11	71-2600	Tube - Anti - Sway	2	27	322-3	Screw - HH	4
12	3220-7	Nut - Jam	4	28	93-9928	Clamp - Hose	2
13	2411-40	Joint - Ball	4	30	93-9912	Grommet	2
14	82-7930	Arm - Anti-Sway L.H.	1	31	74-2730	Tube - Clamp	4
*	82-7940	Arm - Anti-Sway R.H.	1	32	94-6772	Retainer - Clamp	2
15	256-76	Bushing - Sleeve	4	34	82-7900	Shaft - Arm	2
16	69-9240	Roller - Cam	2				

*Not Illustrated



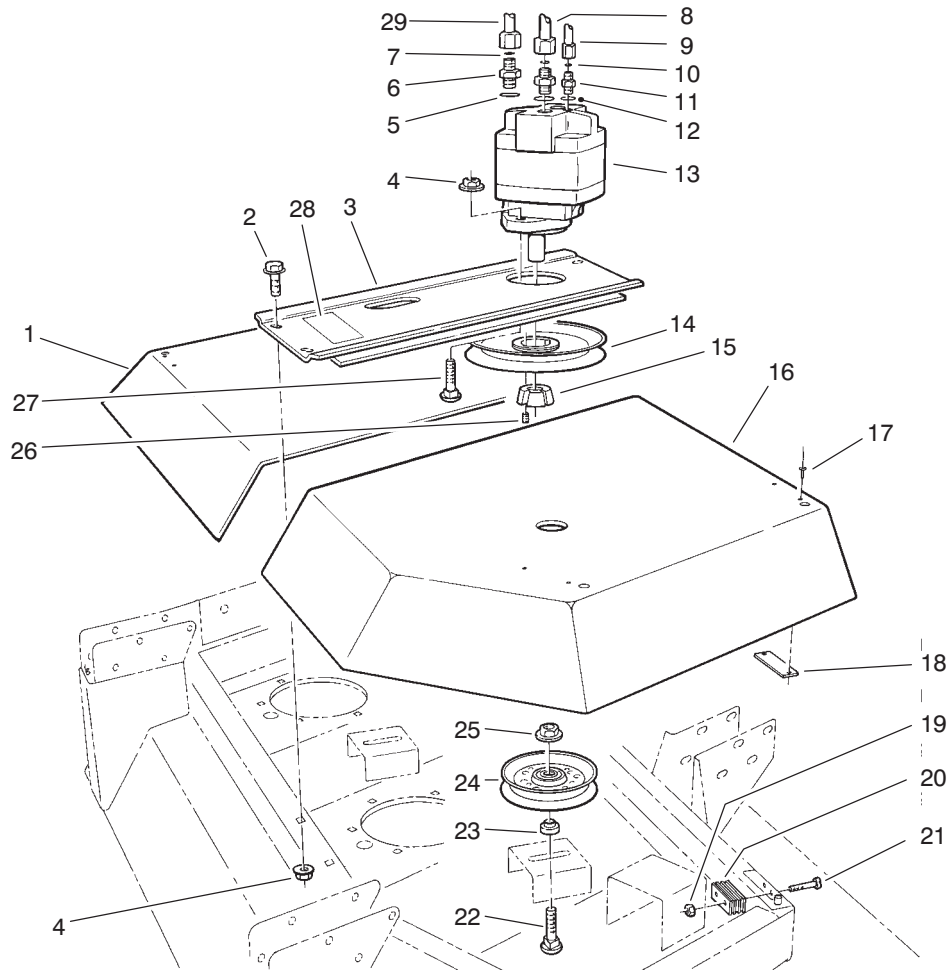
T-0335-2

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
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

Ref. No.	Part No.	Description	No. Used
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 & 42-47)	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
42	93-4243	Tire - 10"	8
43	93-5980	Hub	8
44	93-4239	Rim - Wheel	16
45	93-4244	Tube - w/Valve	8
46	93-4242	Plate	8
47	32128-16	Nut - HHF	32

*Not Illustrated

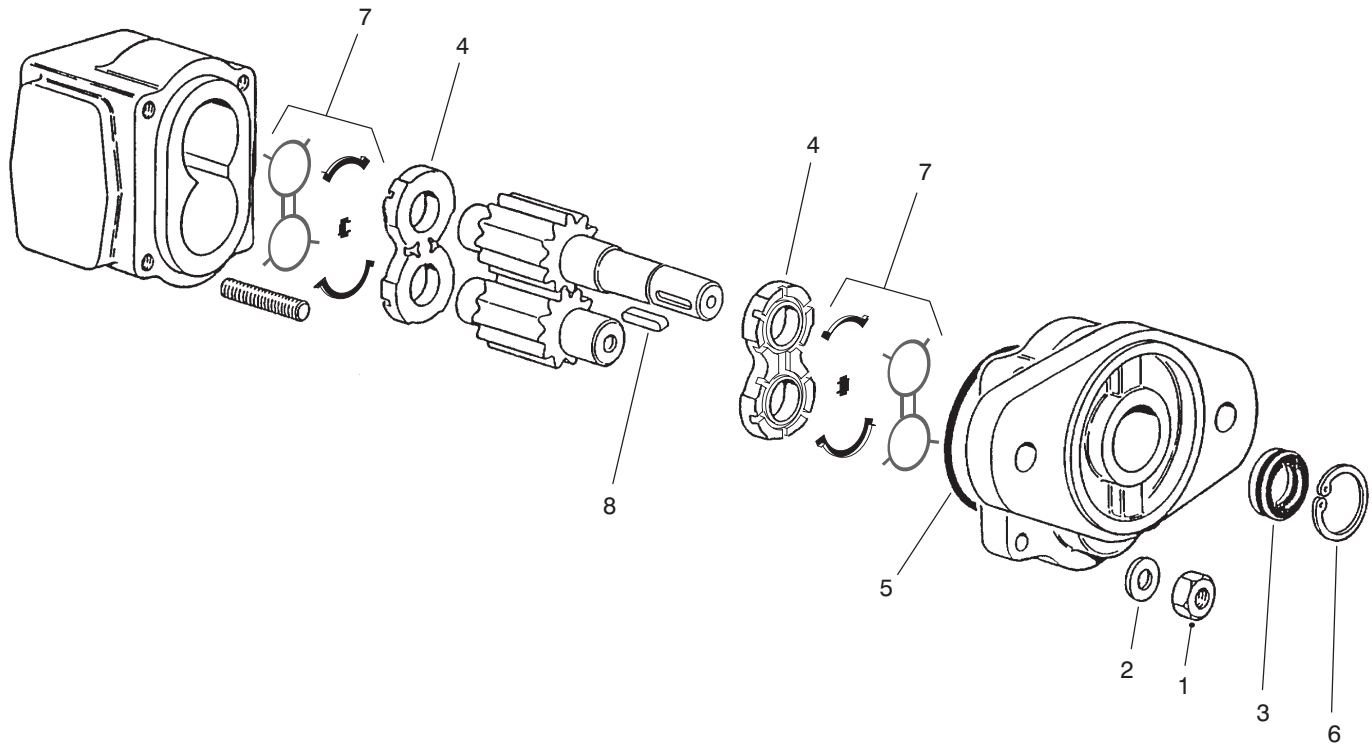


T-0336-1

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	94-4907	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



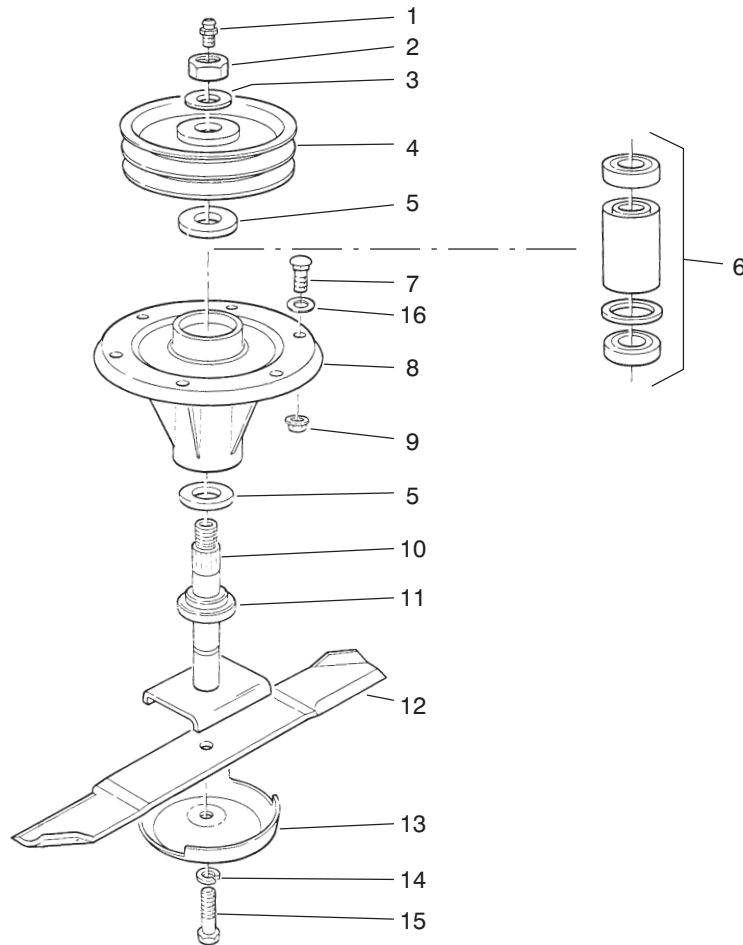
T-2313-1

HYDRAULIC MOTOR ASSEMBLY NO. 94-4907

Ref. No.	Part No.	Description	No. Used
1	33016-00	Nut - Hex.	4
2	33096-00	Washer - Flat	4
3	94-5391	Seal - Shaft	1
4	94-5390	Plate - Load	2
5		Seal - O-Ring	1

Ref. No.	Part No.	Description	No. Used
6		Ring - Retaining	1
7		Seal - Load	2
8	93-7637	Key - Square	1
*	94-5392	Kit - Seal (Incl. Ref. #3 & 5-8)	1

*Not Illustrated

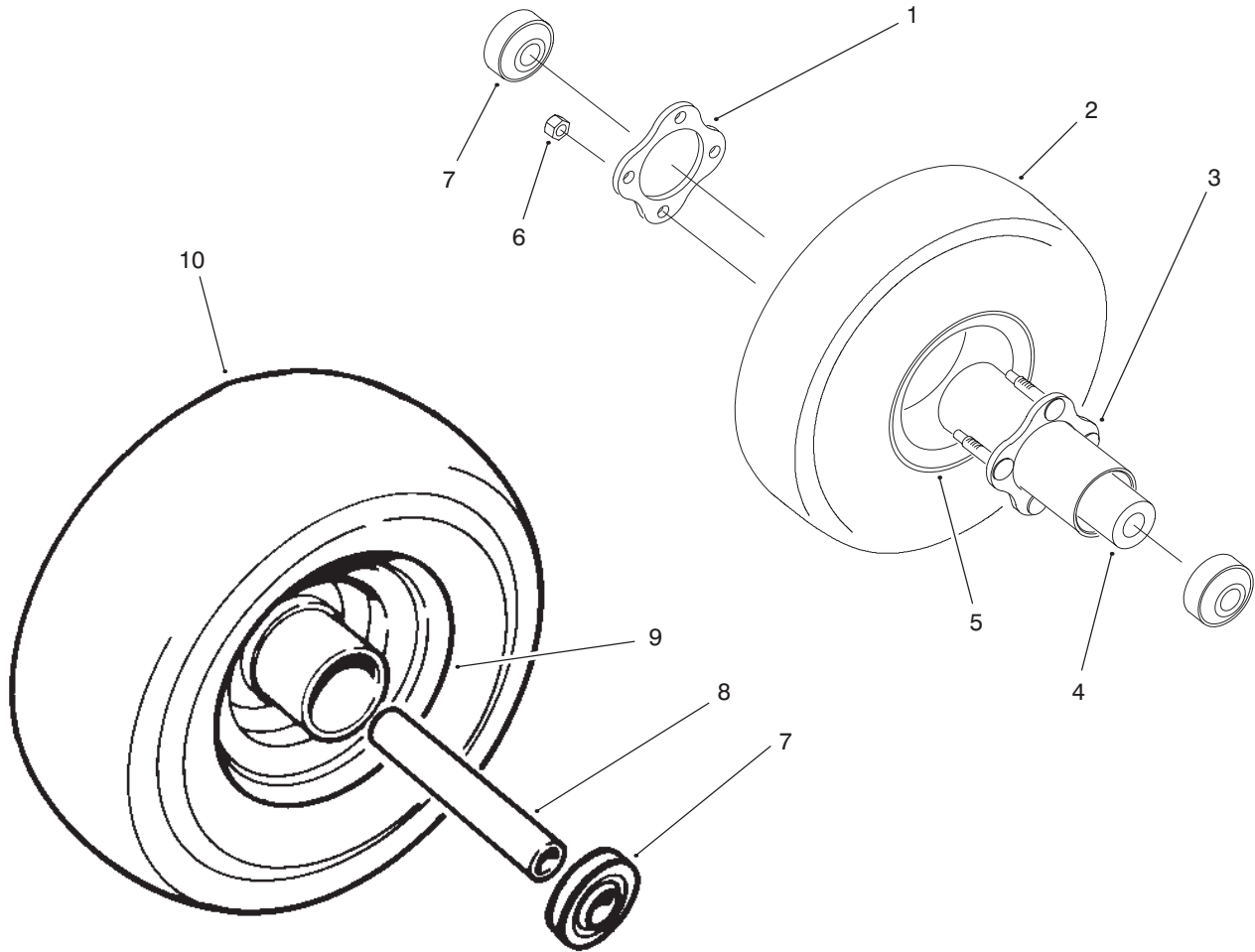


T-0337-1

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-2441-1

10" & 13" FOAM FILLED TIRE ASSEMBLIES (Optional)

Ref. No.	Part No.	Description	No. Used
†1		Plate	1
2	93-5973	10" Foam Filled Tire Asm. (Incl. Ref. #1, 3-7)	1
†3		Hub	1
4	93-4241	Spacer - Bearing, Inner	1
†5		Rim	2

Ref. No.	Part No.	Description	No. Used
†6		Nut - HHF	4
7	93-4237	Bearing	4
8	93-5630	Spacer - Bearing, Inner	1
†9		Rim	1
10	93-5999	13" Foam Filled Tire Asm. (Incl. Ref. #7-9)	1

† Not Serviced Separately.

TORO PART NUMBER INDEX

3318—108 Rev. A

Part No.	Description	Pg. No.	Ref. No.	Qty.	Part No.	Description	Pg. No.	Ref. 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	83	3	2
5-0838	Washer - Flat	84	40	3	40-9520	Spacer - Split	84	12	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	46-6560	Bushing	22	21	1
21-3000	Nut - Jam	78	38	2	47-6990	Nut - Hex.	4	9	1
21-3001	Nut - Jam L.H. Thread	88	3	2	48-7630	Screw	47	72	1
23-1640	Bushing - Taper Lock	81	50	1	48-7710	Screw - Cap Hex. Hd.	37	10	8
23-1640	Bushing - Taper Lock	91	15	2	48-7780	Screw - Cap Hex. Hd.	2	15	2
23-2140	Hose - Radiator Vent	44	7	1	48-7780	Screw - Cap Hex. Hd.	46	32	6
23-2270	Bushing - Rubber	9	15	1	48-7890	Nut - Hex.	47	73	1
23-7250	Spacer	72	35	1	48-7930	Nut - Lock	46	6	3
23-7270	Nut - Lug	75	24	10	48-8070	Washer - Lock	46	2	16
25-2630	Ring - Back Up	41	63	1	48-8070	Washer - Lock	72	29	1
25-2630	Ring Back Up	40	47	1	48-9470	Screw - Cap Hex. Hd.	46	25	8
27-2360	Switch - Ignition	14	16	1	48-9480	Screw - Cap Hex. Hd.	46	21	4
27-4720	Pin - Pivot Seat	1	14	1	48-9570	Washer - Lock	46	7	3
27-4720	Pin - Pivot, Seat	2	19	1	48-9570	Washer - Lock	37	9	8
27-7120	Nut	69	3	1	48-9590	Washer - Lock	46	22	22
27-7220	Detergent - Element	69	*	1	49-2500	Element Assembly	57	21	1
28-0380	Spacer	4	35	3	49-6170	Pad - Brake	7	4	1
28-3580	Ring - Back Up	40	44	1	49-6171	Pad - Brake Pedal L.H.	6	19	1
28-3590	Seal O-Ring	40	43	1	49-6172	Pad - Brake Pedal R.H.	6	*	1
29-6150	Spring - Leaf	37	43	1	51-3150	Shim - Spring	38	60	A/R
29-6163	Switch - Micro	6	13	1	51-4060	Bolt - Blade	93	15	1
29-6170	Leaf Spring Assembly	37	38	1	51-4910	Bolt	51	24	2
30-8770	Washer - Flat	90	9	8	51-4910	Bolt	62	28	4
30-8770	Washer - Flat	80	32	4	51-4920	Bolt	52	1	1
31-0390	Washer - Friction	4	15	3	51-4950	Guide	53	18	8
37-9560	Hose - Fuel	70	1	1	51-5090	Plug	54	9	1
39-5710	Plug	2	13	21	51-5260	Ring - Retaining	54	30	2
39-7591	Thermo Switch Assembly	47	66	1	51-5280	Cap	54	12	8
39-7592	Switch - Temperature	46	5	1	51-5290	Cotter	54	13	16
39-7593	Temperature Sending Unit	24	15	1	51-5300	Retainer	54	14	8
39-7650	Plate - Cover	86	59	2	51-5310	Seal	54	15	8
40-0330	Cushion - Rubber	83	4	1	51-5460	Key	56	16	1
40-0330	Cushion - Rubber	84	13	1	51-5460	Key	54	26	1
40-3890	Trim	2	14	2	51-5470	Plate	54	25	1
40-4010	Roller	3	1	4	51-5500	Bushing No. 1	55	5	1
40-4060	Washer - Rubber	3	26	1	51-5510	Bushing - No. 2	55	26	1
40-4070	Washer	3	24	3	51-5520	Bushing - No. 3	55	27	1
40-4080	Track - U	3	6	1	51-5580	Hanger	55	2	1
40-4090	Rivet - Pop	3	5	2	51-5600	Cap	55	3	11
40-4120	Plate - Rubber	3	7	1	51-5640	Idler Shaft Assembly	55	36	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	56 15 1	51-7790	Packing	49 20 2
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 - Hex.	26 24 8
51-7750	Gear Assembly	49 * 1	59-7590	Washer - Lock	26 12 16
51-7760	Shaft Assembly	49 23 1	59-7970	Stud - Threaded	26 23 8
51-7770	Gear - Pinion	49 22 1	59-7990	Seal - Gland	26 3 4
51-7780	Cover Assembly	49 21 1	59-8470	Retainer - Seal	26 4 4

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
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	69-1650	Screen - Suction	23 17 1
62-5550	Decal	4 47 1	69-1660	Mount - Engine	46 40 4
62-6450	Kit - Retaining Ring	35 28 1	69-1670	Cooler - Oil	44 32 1
62-6460	Sealant - RTV (Tube)	35 * 1	69-1680	Fan	47 62 1
62-7650	Gasket - Level Sensing Unit	22 1 1	69-1690	Clutch - Fan	47 64 1
63-0660	Pulley - Drive	82 51 1	69-1700	Hydraulic Filter Assembly	24 19 1
63-0660	Pulley - Wing Deck Drive	91 14 2	69-1710	Indicator - Filter	24 25 1
63-1540	Pulley - Idler	81 15 3	69-1720	Element - Filter	24 21 1
63-1540	Pulley - Idler	91 24 6	69-1730	Planetary Gear Drive Assy.	32 32 2

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.	Part No.	Description	Pg. No.	Ref. No.	Qty.
69-1740	Spindle	35	3	1	69-2510	Seat	39	11	1
69-1750	Fuel Filter Assembly	46	44	1	69-2520	Plug - Pipe	39	31	1
69-1750	Fuel Filter Assembly	70	*	1	69-2530	Seal - O-Ring	39	12	1
69-1760	Sensor - Water	70	9	1	69-2540	Cover Assembly	39	13	1
69-1770	Element - Spin-On	70	11	1	69-2550	Repair Kit - Pump	39	*	1
69-1780	Lift Valve Assembly	19	2	1	69-2560	Repair Kit - Pump & Divider	39	*	1
69-1790	Plunger	20	37	2	69-2570	Head	79	4	1
69-1800	Plug Assembly	20	32	3	69-2580	Shaft w/clevis	79	1	1
69-1810	Spring	20	33	3	69-2640	Master Cylinder Assembly	7	9	1
69-1820	Spring - Black	20	21	1	69-2650	Boot - Rod	8	1	1
69-1830	Plug Assembly	20	16	1	69-2660	Ring - Retaining	8	2	1
69-1840	Plunger	20	31	1	69-2730	Piston Assembly	8	*	1
69-1860	Gerotor	5	16	1	69-2740	Bail - Cover	8	12	1
69-1880	Spacer	5	17	1	69-2750	Cover - Reservoir	8	9	1
69-1890	Air Cleaner Assembly	46	15	1	69-2760	Gasket - Diaphragm	8	10	1
69-1900	Element Assembly	69	5	1	69-2770	Seat - Tube	8	11	1
69-1910	Clamp Assembly	69	4	1	69-2960	Hub - Rear Wheel	75	19	2
69-1920	Baffle	69	2	1	69-2970	Cap - Hub	75	27	2
69-1930	Cup Assembly	69	1	1	69-2980	Seal - Inner	75	32	2
69-1940	Indicator - Electrical	47	71	1	69-2990	Screw - Drive	75	18	10
69-1950	Band - Air Cleaner	46	28	2	69-3010	Strap - Hold Down	43	6	4
69-1960	Hydraulic Cylinder Assembly	75	42	2	69-3020	Handle - Latch	42	16	2
69-1960	Steering Cylinder (Complete)	77	*	2	69-3020	Latch	44	20	8
69-1970	Joint - Ball	77	17	1	69-3030	Strike - Latch	42	13	8
69-1980	Nut - Jam	77	16	1	69-3050	Motor - Hydraulic Wheel	32	44	2
69-1990	Nut - Lock	77	14	1	69-3070	Washer - Lock	41	62	10
69-2000	Piston	77	11	1	69-3070	Washer - Plain	34	2	10
69-2020	Rod - Piston	77	4	1	69-3080	Plug	41	60	4
69-2030	Ring - Head	77	7	1	69-3120	Plug	41	95	1
69-2050	Hydraulic Pump Assembly	25	8	1	69-3130	Plug	40	9	1
69-2060	Shaft End Cover Assembly	26	18	1	69-3130	Plug - Hole	34	33	1
69-2070	Plate - Flex	26	5	4	69-3140	Bracket - Lifting	41	58	1
69-2080	Center Section Assembly	26	7	2	69-3150	Screw - Hex. Hd.	41	61	10
69-2090	Gear/Shaft - Rear Drive	26	8	1	69-3150	Screw Hex. Hd.	34	1	10
69-2100	Rear Cover Assembly	26	11	1	69-3170	Ring - Retaining	34	19	2
69-2110	Coupling	26	1	1	69-3170	Ring - Retaining	40	31	2
69-2120	Seal - O-Ring	26	10	2	69-3180	Shaft Pump	40	37	1
69-2130	Plug	26	19	1	69-3190	Seal - Lip	34	18	1
69-2140	Screw - Cap Hex. Hd.	26	14	4	69-3190	Seal - Lip	40	30	1
69-2150	Screw - Cap Hex. Hd.	26	13	4	69-3200	Ring - Retaining	34	17	2
69-2160	Port Section Assembly	26	16	1	69-3200	Ring - Retaining	40	29	2
69-2170	Adapter Section Assembly	26	2	1	69-3210	Bearing - Ball	34	20	1
69-2200	Seal - O-Ring	26	6	2	69-3210	Bearing - Ball	40	32	1
69-2210	Seal - O-Ring	26	15	1	69-3220	Screw	40	28	1
69-2220	Pump/Valve	37	52	1	69-3230	Pin - Spring	40	12	1
69-2230	Flow Divider Assembly	39	30	1	69-3230	Pin - Spring	34	32	1
69-2240	Screw	39	32	4	69-3240	Bearing - Journal	40	25	2
69-2250	Bearing - Sleeve	39	20	4	69-3250	Swashplate - Variable	40	24	1
69-2260	Seal - Load	39	17	1	69-3370	Bearing - Needle	40	13	1
69-2270	Seal - Pre-Load	39	18	1	69-3370	Bearing - Needle	34	31	1
69-2280	Shaft/Gear - Idler	39	15	1	69-3390	Gerotor Assembly	41	89	1
69-2290	Shaft/Gear - Drive	39	28	1	69-3400	Screw Hex. Hd.	41	83	3
69-2300	Ring - Retaining	39	26	1	69-3410	Adapter - A Flange	41	85	1
69-2310	Seal - Shaft	39	27	1	69-3420	Ring - Temper Load	41	86	1
69-2320	Plate - Wear	39	16	1	69-3430	Key - Woodruff	41	84	1
69-2330	Body Assembly	39	21	1	69-3440	Seal - O-Ring	41	87	1
69-2340	Pin - Dowel	39	14	2	69-3450	Pin	34	30	1
69-2350	Ring - Sealing	39	19	1	69-3450	Pin	40	41	1
69-2360	Screw	39	23	4	69-3460	Plug Expansion	41	80	1
69-2370	Washer	39	22	4	69-3470	Pin	40	36	1
69-2380	Screw	39	24	4	69-3500	Bearing - Sleeve	34	13	1
69-2390	Washer	39	25	4	69-3500	Sleeve - Bearing	40	34	1
69-2400	Seal - O-Ring	39	29	1	69-3510	Pin	34	14	1
69-2410	Plug	39	1	2	69-3510	Pin	40	35	1
69-2420	Seal - O-Ring	39	2	2	69-3520	Pin - Spring	34	23	2
69-2430	Spring - Compression	39	5	1	69-3540	Cover - Gerotor	41	88	1
69-2440	Orifice	39	4	1	69-3550	Pin	41	81	1
69-2450	Piston	39	3	1	69-3560	Seal - O-Ring	34	38	2
69-2460	Cap	39	6	1	69-3560	Seal - O-Ring	41	55	2
69-2470	Gasket - Cap	39	7	1	69-3570	Ring - Piston	34	39	2
69-2480	Screw - Set	39	8	1	69-3570	Ring - Piston	41	56	2
69-2490	Spring - Compression	39	9	1	69-3580	Guide - Spring	40	8	1
69-2500	Poppet	39	10	1	69-3590	Ring - Retaining	40	7	1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
69-3600	Nut - Hex.	40 6 1	69-5430	Pulley - Idler	84 7 1
69-3610	Nut - Jam	40 5 1	69-5430	Pulley-Idler	81 25 1
69-3620	Cover - Servo Adjustment	40 1 1	69-5440	Hose - Hydraulic	78 12 3
69-3630	Nut Special	40 2 1	69-5440	Hose - Hydraulic	24 30 1
69-3640	Cover - Servo	40 3 1	69-5440	Hose - Hydraulic	38 58 1
69-3650	Piston - Servo	40 53 1	69-5450	Hose - Hydraulic	38 56 1
69-3660	Screw - Special	41 91 1	69-5460	Hose - Hydraulic	24 14 1
69-3670	Spring - Compression	41 93 1	69-5460	Hose - Hydraulic	37 18 1
69-3680	Stop - Servo	41 92 1	69-5470	Hose - Hydraulic	27 16 1
69-3690	Bearing	41 54 2	69-5470	Hose - Hydraulic	38 57 1
69-3700	Guide - Spring	41 90 1	69-5480	Hose - Hydraulic	27 17 1
69-3710	Gasket - Servo	40 4 2	69-5480	Hose - Hydraulic	38 59 1
69-3710	Gasket - Servo Cover	34 41 2	69-5490	Hose - Cylinder	85 39 4
69-3720	Cover - Servo	34 43 2	69-5500	Hose - Hydraulic	4 33 4
69-3720	Cover Servo	41 57 1	69-5510	Hose - Hydraulic	75 1 4
69-3730	Valve - Relief	41 78 2	69-5590	Hose - Hydraulic	73 1 2
69-3740	Spring - Compression	41 72 2	69-5590	Hydraulic Hose Assembly	25 1 2
69-3750	Seal - O-Ring	41 77 2	69-5600	Hose - Hydraulic	73 9 1
69-3760	Plug Special	41 71 2	69-5610	Hose - Hydraulic	73 17 1
69-3770	Shim	41 69 1	69-5620	Hose - Hydraulic	44 29 1
69-3780	Plug	41 67 1	69-5640	Hose - Hydraulic	25 12 1
69-3790	Spring Compression	41 70 1	69-5640	Hose - Suction	23 12 1
69-3800	Valve	41 65 1	69-5650	Hose - Hydraulic	24 18 1
69-3810	Valve - By Pass	41 66 1	69-5650	Hose - Hydraulic	37 22 1
69-3820	Sleeve - Control Valve	40 42 1	69-5670	Cable - Brake	6 22 2
69-3830	Spool - Rotary Valve	40 46 1	69-5680	Tube - Hydraulic	21 9 1
69-3840	Seal - O-Ring	40 52 1	69-5680	Tube - Hydraulic	19 20 1
69-3860	Screw - Flange Hd.	40 49 1	69-5700	Tube - Hydraulic	19 18 1
69-3870	Handle - Control Valve	40 50 1	69-5710	Tube - Hydraulic	21 20 1
69-3880	Spring - Neutral Return	40 45 1	69-5720	Tube - Hydraulic	19 17 1
69-3890	Bracket - Neutral Return	40 48 1	69-5730	Tube - Hydraulic	21 33 1
69-3900	Washer	40 51 1	69-5740	Tube - Hydraulic	19 19 1
69-3910	Cylinder Block Assembly	40 39 1	69-5790	Tube - Hydraulic	27 37 1
69-3910	Cylinder Block Kit	34 27 1	69-5800	Tube - Hydraulic	23 20 1
69-3920	Piston Ring & O-Ring Kit	34 * 1	69-5800	Tube - Hydraulic	30 28 1
69-3940	Plug	34 29 1	69-5810	Tube - Hydraulic Return	28 * 1
69-3950	Shaft - Motor	34 25 1	69-5820	Tube - Hydraulic	21 31 1
69-3960	Screw	34 21 1	69-5830	Tube - Hydraulic	21 32 1
69-3970	Bearing - Journal	34 22 2	69-5850	Tube - Hydraulic	21 18 1
69-3980	Swashplate - Variable	34 24 1	69-5860	Tube - Hydraulic	19 16 1
69-3990	Plate - Motor Valve	34 28 1	69-5860	Tube - Hydraulic	21 34 1
69-4020	Piston - Servo	34 37 1	69-5870	Tube - Hydraulic	19 22 1
69-4030	Spring - Servo	34 40 1	69-5870	Tube - Hydraulic	21 28 1
69-4040	Stop - Servo Piston	34 42 1	69-5890	Tube - Hydraulic	21 5 1
69-4060	Counterbalance Manifold	21 * 1	69-5890	Tube - Hydraulic	19 21 1
69-4060	Counterbalance Manifold	19 26 1	69-5900	Tube - Hydraulic	44 31 1
69-4070	Manifold - Counter Balance	21 14 1	69-5910	Tube - Hyd. Diagnostic	29 6 1
69-4080	Valve - Hydraulic Cartridge	21 1 1	69-5910	Tube - Hydraulic	21 19 1
69-4090	Valve - Hydraulic Cartridge	21 36 1	69-5920	Tube - Diagnostic	29 8 1
69-4100	Valve - Hydraulic Cartridge	21 15 1	69-5920	Tube - Hydraulic	21 37 1
69-4110	Valve - Hydraulic Cartridge	21 30 2	69-5930	Tube - Hydraulic R.H.	32 * 1
69-4120	Valve - Hydraulic Cartridge	21 10 1	69-5940	Tube - Hydraulic L.H.	32 2 1
69-4130	Plug - Orifice .047	21 39 2	69-5950	Tube - Hydraulic	24 32 1
69-4140	Plug - Orifice .120	21 38 1	69-5950	Tube - Hydraulic	28 57 1
69-4150	PTO Manifold Assembly	74 * 1	69-5970	Tube - Hydraulic R.H.	85 * 1
69-4150	PTO Manifold Assembly	72 1 1	69-5980	Tube - Hydraulic L.H.	85 21 1
69-4180	Valve - Cartridge (3000 lbs)	73 8 3	69-5990	Tube - Hydraulic	24 12 1
69-4190	Valve - Cartridge (20 lbs)	73 40 3	69-5990	Tube - Hydraulic	86 53 1
69-4200	Valve - Cartridge (75 lbs)	73 38 3	69-6000	Tube - Hydraulic	24 11 1
69-4220	Plug - Orifice	74 47 1	69-6000	Tube - Hydraulic	86 49 1
69-4240	Kit - Seal	21 11 1	69-6010	Tube - Hydraulic	76 50 1
69-4250	Kit - Seal	21 29 3	69-6020	Tube - Hydraulic	76 51 1
69-4260	Solenoid Valve Seal Kit	74 * 3	69-6030	Tube - Hydraulic	27 35 1
69-4270	Cartridge Valve Seal Kit	74 * 6	69-6030	Tube - Hydraulic	86 46 1
69-4280	Tube - Hydraulic Vent	23 33 1	69-6040	Tube - Hydraulic	27 34 1
69-4320	Fitting - Hydraulic 90°	81 8 1	69-6040	Tube - Hydraulic	86 50 1
69-4400	Carrier - Wing Deck	86 54 1	69-6050	Tube - Hydraulic	27 33 1
69-4780	Clamp - Gauge	13 23 2	69-6050	Tube - Hydraulic	86 51 1
69-5350	Hose - Air Cleaner Inlet	46 13 1	69-6060	Tube - Hydraulic	27 38 1
69-5360	Hose - Air Cleaner	46 17 1	69-6060	Tube - Hydraulic	86 47 1
69-5380	Hose - Upper Radiator	44 4 1	69-6070	Tube - Hydraulic	30 36 1
69-5390	Hose - Lower Radiator	44 10 1	69-6070	Tube - Hydraulic	86 48 1
69-5410	Manifold - Return	24 10 1	69-6080	Tube - Hydraulic	30 35 1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.	Part No.	Description	Pg. No.	Ref. No.	Qty.
69-6080	Tube - Hydraulic	86	52	1	69-7100	Support - Radiator Lower	44	24	1
69-6100	Tube - Hydraulic Pressure	28	50	1	69-7120	Grille - Upper	42	27	1
69-6120	Tube - Hydraulic	30	16	1	69-7150	Grille - Lower	42	23	1
69-6130	Tube - Hydraulic	30	15	1	69-7170	Clevis - Deck	90	10	2
69-6140	Tube - Hydraulic	73	45	1	69-7200	Tube - Vent	22	14	1
69-6140	Tube - Hydraulic R.H.	85	*	1	69-7210	Tube - Latch	88	5	2
69-6150	Tube - Hydraulic	73	46	1	69-7290	Mount - Ball Joint	80	5	2
69-6150	Tube - Hydraulic R.H.	85	*	1	69-7420	Axle - Rear	75	16	1
69-6160	Tube - Hydraulic	73	11	1	69-7570	Bracket - Front Engine	46	*	1
69-6170	Tube - Hydraulic	73	21	1	69-7580	Bracket - Front Engine	46	42	1
69-6170	Tube - Hydraulic L.H.	85	6	1	69-7650	Pedal - Traction	9	24	1
69-6180	Tube - Hydraulic	73	20	1	69-7700	Pedal - Brake	7	3	1
69-6180	Tube - Hydraulic L.H.	85	22	1	69-7700	Pedal - Brake	6	20	2
69-6190	Tube - Hydraulic	27	23	1	69-7720	Pawl - Brake	6	7	1
69-6200	Tube - Hydraulic	27	22	1	69-7740	Support - Steering Gear	4	21	1
69-6240	Fitting - Hydraulic 90°	25	3	2	69-7760	Link - Steering Gear	4	19	1
69-6250	Engine - Assembly	46	9	1	69-7790	Pin - Brake Arm	6	11	1
69-6260	Magnet	11	6	1	69-7810	Bracket - Valve	19	11	1
69-6260	Magnet - Cover	83	15	2	69-7840	Mount - Brake Arm	6	16	1
69-6260	Magnet - Cover	84	15	2	69-7880	Arm - Brake L.H.	6	23	1
69-6260	Magnet - Cover	91	20	8	69-7890	Arm - Brake R.H.	6	2	1
69-6260	Magnet - Cover	81	32	4	69-7920	Support - Lift Arm L.H.	78	27	2
69-6270	Fork - Castor	80	24	2	69-7940	Support - Lift Arm R.H.	78	4	2
69-6340	Plate - Motor Mounting R.H.	91	*	1	69-7960	Support - Axle	75	12	2
69-6360	Plate - Motor Mounting L.H.	91	3	1	69-8040	Arm - Throttle	18	4	1
69-6390	Plate - Gearbox	82	52	1	69-8080	Cover - Tool Box	10	3	1
69-6420	Bar - Lift L.H.	90	18	1	69-8110	Box - Tool	10	5	1
69-6470	Bushing - Flange	89	5	8	69-8160	Tower - Steering	4	31	1
69-6470	Bushing - Flange	75	6	6	69-8210	Support - Cover	11	26	1
69-6470	Bushing - Flange	90	16	20	69-8230	Bracket - Trim L.H.	43	17	1
69-6470	Bushing - Flange	80	26	4	69-8250	Bracket - Trim R.H.	43	20	1
69-6470	Bushing - Flange	78	29	4	69-8290	Frame - Battery	72	33	1
69-6470	Bushing - Flange	85	30	4	69-8390	Pulley - Spindle	93	4	1
69-6480	Bar - Lift R.H.	90	*	1	69-8410	Screw - Cap Hex. Hd.	46	34	4
69-6490	Plate - Tension	81	43	1	69-8420	Washer - Lock	46	35	4
69-6550	Arm - Tension	81	38	1	69-8430	Hose - Hydraulic	57	39	1
69-6610	Arm - Idler	81	23	1	69-8440	Hose - Hydraulic	78	9	1
69-6610	Idler Arm Assembly	84	27	1	69-8440	Hose - Hydraulic	24	31	1
69-6640	Hinge - Left Front	83	13	1	69-8450	Hose - Hydraulic	44	30	1
69-6670	Hinge - Left Rear	83	17	1	69-8460	Fitting - Hydraulic Straight	57	37	1
69-6690	Hinge - Right Front	84	28	1	69-8460	Fitting - Hydraulic Straight	47	55	2
69-6710	Hinge - Right Rear	84	23	1	69-8470	Spring - Torsion	78	32	1
69-6730	Skid	83	7	1	69-8480	Spring - Compression	88	6	2
69-6730	Skid	90	21	4	69-8490	Bracket - Throttle Cable	46	36	1
69-6730	Skid	84	29	1	69-8500	Shim - Hinge Bracket	43	21	6
69-6760	Shaft - Spindle	93	10	1	69-8510	Cover - Steering Tower	4	41	1
69-6780	Cover - Center Left	81	30	1	69-8520	Bracket - Hinge	43	28	2
69-6790	Cover - Center Right	82	54	1	69-8590	Support - Radiator Upper	44	2	1
69-6800	Cover - Inner L.H.	91	1	1	69-8650	Cowl - Radiator	42	10	1
69-6810	Cover - Outer L.H.	91	16	1	69-8690	Support - Grille	42	15	1
69-6820	Cover - Inner R.H.	91	*	1	69-8750	Arm - Brake	7	1	1
69-6830	Cover - Outer R.H.	91	*	1	69-8790	Plate - Reinforcing	80	4	2
69-6840	Cover - Right Wing	84	2	1	69-8790	Plate - Reinforcing	90	4	2
69-6850	Cover - Left Wing	83	22	1	69-8830	Arm - Inside Castor	90	1	2
69-6860	Washer - Castor	80	25	8	69-8860	Arm - Castor R.H.	80	7	1
69-6860	Washer - Thrust	90	33	28	69-8890	Cap - Spindle	75	13	2
69-6870	Plate - Magnet	84	3	2	69-8900	Spacer	28	52	2
69-6870	Plate - Magnet	91	18	8	69-8910	Washer	36	3	2
69-6870	Plate - Magnet	83	21	2	69-8910	Washer	28	51	4
69-6870	Plate - Magnet	81	31	4	69-8920	Washer	30	4	4
69-6890	Spacer - Spring	81	47	1	69-8930	Washer	27	26	4
69-6900	Shaft - Hinge	83	14	1	69-8940	Washer	27	5	12
69-6900	Shaft - Hinge	84	20	1	69-8940	Washer	85	16	20
69-6920	Blade - 20	93	12	1	69-8950	Spacer	30	5	2
69-6960	Spacer - Idler	81	14	4	69-8960	Spacer	27	27	2
69-6960	Spacer - Idler	91	23	6	69-8970	Spacer	85	17	10
69-6970	Spacer - Idler	84	17	1	69-8970	Spacer	27	31	6
69-6970	Spacer - Idler	81	26	1	69-8980	Washer	30	30	8
69-6980	Valve - Check	4	38	1	69-8990	Spacer	30	33	4
69-6990	Lever - Valve Mid.	19	*	1	69-9000	Spacer	85	9	4
69-7000	Lever - Valve R.H.	19	*	1	69-9010	Washer	85	10	8
69-7010	Lever - Valve L.H.	19	5	1	69-9020	Nut - Special	37	26	1
69-7040	Holder - Cup	11	13	1	69-9030	Post - Neutral Device	9	14	1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
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 4 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	70-3080	Gasket	57 36 1
69-9480	Bracket - Neutral Device	37 28 1	70-3090	Clamp	57 3 1
69-9520	Panel - Rear	43 9 1	70-3090	Clamp - Hose	61 13 2
69-9530	Bracket - Air Cleaner	46 29 1	70-3100	Plug	53 13 1
69-9540	Bracket - Steering Gear	4 18 1	70-3110	Plug - Drain	58 11 1
69-9550	Plate - Adapter	46 31 1	70-3120	Plug	55 22 1
69-9560	Housing - Control	11 1 1	70-3130	Gasket	59 4 1
69-9570	Front Lift Arm Assy. R.H.	78 43 1	70-3140	Pipe	62 36 1
69-9580	Front Lift Arm Assy. L.H.	78 39 1	70-3150	Pipe	62 37 1
69-9650	Screen - Cowl	42 9 2	70-3160	Screw	54 5 8
69-9680	Shaft - Latch	88 10 2	70-3170	Nut	56 11 1
69-9700	Mount - Rubber	90 5 8	70-3180	Clamp	62 18 3
69-9710	Nut - Lock	47 63 4	70-3190	Clamp	62 19 3
69-9720	Strip - Sealing	42 28 2	70-3200	Washer	63 50 1
69-9721	Strip - Sealing	42 18 3	70-3210	Packing	63 48 4
69-9722	Trim - Sealing	42 35 1	70-3220	O-Ring	57 2 1
69-9723	Seal - Hood Bottom	43 15 2	70-3230	Plug	58 14 1
69-9724	Seal - Hood Front	43 29 1	70-3230	Plug	53 15 1
69-9730	Switch - Toggle	14 18 1	70-3240	Plug	63 51 1
69-9740	Switch - Toggle	14 14 1	70-3250	Bolt	63 47 2
69-9760	Plate - Cover	30 10 3	70-3260	Armature Assembly	49 12 1
69-9761	Plate - Clamp	72 36 1	70-3270	Spring - Brush	49 18 4
69-9761	Plate - Cover	85 13 1	70-3280	Cover Assembly Front	49 6 1
69-9761	Plate - Cover	30 14 5	70-3290	Brush Holder Assembly	49 17 1
69-9761	Plate - Cover	24 43 3	70-3300	Yoke Assembly	49 19 1
69-9761	Plate - Cover	47 78 1	70-3310	Bolt Set	49 14 1
69-9800	Tire	32 28 2	70-3320	Bearing	50 8 1
69-9810	Joint - Ball	77 2 1	70-3330	Bearing	49 13 1
69-9880	Tire	75 22 2	70-3340	Connector	61 11 1
69-9940	Nut - Jam	32 40 4	70-3340	Connector	57 34 1
69-9950	Spring - Extension	32 37 4	70-3350	Cap	55 11 6
69-9960	Link	32 36 4	70-3360	Cap	53 16 4
69-9970	Stud	32 35 4	70-3370	Cap	55 25 3
69-9980	Ball	32 39 6	70-3380	Cap	53 19 15
69-9990	Disc - Actuating	32 38 4	70-3390	Plug	53 17 4
70-2800	Pulley Assembly	50 2 1	70-3400	Plug	55 6 6
70-2810	Spring - Return	50 14 2	70-3410	Plug	55 13 1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
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
70-4000	Plate - 0.9	64 * A/R	70-4730	Tappet	68 7 1
70-4010	Plate - 1.0	64 * A/R	70-4740	Roller	68 8 1
70-4020	Plate - 1.1	64 * A/R	70-4750	Pin	68 10 1
70-4030	Plate - 1.2	64 * A/R	70-4760	Block	68 6 2
70-4040	Plate - 1.3	64 * A/R	70-4770	Spring	68 17 1
70-4050	Plate - 1.4	64 * A/R	70-4780	Plug	68 15 1
70-4060	Plate - 0.1	64 * A/R	70-4790	Filter	68 13 1
70-4070	Plate - 0.2	64 * A/R	70-4800	Screw	68 14 1
70-4080	Plate - 0.3	64 * A/R	70-4810	Body Assembly	62 8 4
70-4090	Plate - 0.4	64 * A/R	70-4820	Pin	62 5 4
70-4100	Plate - 0.5	64 * A/R	70-4830	Spring	62 6 4
70-4110	Plate - 0.15	64 * A/R	70-4840	Nut	62 1 4
70-4120	Capsule	66 30 1	70-4850	Washer 2.15 mm	62 * A/R
70-4130	Housing	66 3 1	70-4860	Washer 1.00 mm	62 7 A/R

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
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
70-5401	Ring Set - O.S. 0.25mm	56 * 4	70-6060	Gasket	59 8 1
70-5402	Ring Set - O.S. 0.50mm	56 * 4	70-6070	Pipe	61 7 1
70-5410	Pin	56 21 4	70-6080	Hose	61 6 1
70-5420	Nut	56 10 8	70-6090	Elbow	59 3 1
70-5430	Bearing - Rod (Std.)	56 8 8	70-6100	Pipe - No. 2	62 12 1
70-5431	Bearing - Rod U.S. 0.25mm	56 * 4	70-6110	Pipe - No. 4	62 14 1
70-5432	Bearing - Rod U.S. 0.50mm	56 * 4	70-6120	Pipe	63 41 1
70-5433	Bearing - Rod U.S. 0.75mm	56 * 4	70-6130	O-Ring	62 33 1
70-5440	Pulley	56 13 1	70-6140	Washer	63 43 4
70-5450	Idler Assembly	52 9 1	70-6150	Gasket	63 45 4
70-5460	Gasket	59 9 1	70-6160	Nozzle Assembly	63 46 4
70-5470	Manifold	59 10 1	70-6170	Nozzle Tip Assembly	62 2 4
70-5480	Pipe - Oil	61 16 1	70-6180	Injection Pump	62 26 1
70-5490	Pipe - Oil	61 15 1	70-6190	Pipe - No. 1	62 11 1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
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 2 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 - Tribble	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
70-6770	Nut	66 36 1	71-2450	Cover - Access	27 24 1
70-6780	Nut	65 33 1	71-2460	Plate - Control	14 5 1
70-6790	Packing	66 28 1	71-2470	Rim	32 29 2
70-6800	E-Ring	64 23 4	71-2530	Bearing Assembly	93 6 1
70-6810	E-Ring	66 11 2	71-2550	Washer - Latch Shaft	88 9 2
70-6820	Ring	68 9 1	71-2560	Support - Bulkhead	30 38 2
70-6830	Pin	62 3 8	71-2570	Shaft - Pivot	78 3 1
70-6840	Bearing	65 36 1	71-2580	Shaft - Lift Arm Pivot	85 26 2
70-6850	Bearing	64 6 2	71-2590	Shaft - Pivot	75 5 1
70-6860	Key	66 14 1	71-2590	Shaft - Pivot	78 24 1
70-6870	Key	66 2 1	71-2600	Tube - Anti - Sway	89 11 2
70-6880	Key	65 29 1	71-2610	Shaft - Deck Pivot	90 15 2
70-6890	O-Ring	66 52 1	71-2620	Shaft - Lift Arm Elbow	89 23 2
70-6900	O-Ring	65 26 1	71-2630	Solenoid Valve Assembly	28 * 1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
71-2680	Hose - Vent	23 31 1	76-8750	Plate - Caution	44 45 2
71-2680	Hose - Vent	45 53 1	77-0950	Washer - Castor	90 41 8
71-2690	Hose - Fuel	70 7 1	77-2830	Rod - Spring	81 44 1
71-3810	Coupling - Hydraulic Motor	32 34 2	77-2990	Cable - Throttle	18 8 1
71-3830	Bellcrank - Brake	36 21 2	80-0010	Tank - Fuel	22 11 1
71-3850	Cover - Housing	36 15 2	80-0130	Cable - Negative	72 11 1
71-3860	Clevis	36 28 2	80-0160	Tray - Battery	72 18 1
71-3870	Gasket	36 14 2	80-4890	Decal - Service	11 32 1
71-3880	Clevis - Brake Cable	32 15 2	80-9330	Alarm - Audio	11 3 1
71-3880	Clevis - Brake Cable	36 23 2	82-2560	Decal - Belt Routing	81 39 1
71-3900	Gasket	36 25 2	82-4910	Roller	83 27 1
71-3910	Collar	36 34 2	82-4910	Roller	84 36 1
71-3990	Cap - Brake Housing	32 20 2	82-6330	Cowl - Radiator, Optional	42 * 1
71-4010	Housing - Brake	32 13 2	82-7820	Seat - Brake, Tube	36 13 2
71-4060	Rod - Brake Latch	4 40 1	82-7830	Screw - Bleed, Brake	36 11 2
71-4130	Support - Control	11 17 1	82-7840	Piston - Brake	36 7 2
71-4170	Switch - Toggle	14 19 1	82-7850	Spring - Compression	36 4 2
71-4200	Cluster - Warning Light	13 6 1	82-7900	Shaft - Arm	89 34 2
71-4210	Cluster - Warning Light	13 4 1	82-7930	Arm - Anti-Sway L.H.	89 14 1
71-4230	Panel	13 3 1	82-7940	Arm - Anti-Sway R.H.	89 * 1
71-4250	Spacer	13 20 2	82-9060	Track & Latch - Adjustment	2 4 1
71-4260	Decal - H.O.C.	91 28 2	83-4330	Assy. - Tube, Traction LH	28 82 1
71-4260	Decal - H.O.C.	82 56 1	83-4330	Tube - Hydraulic L.H.	32 8 1
71-4280	Sending Unit - Oil Pressure	47 61 1	83-4340	Assy. - Tube, Traction RH	28 83 1
72-4070	Decal - Danger	33 47 2	83-4340	Tube - Hydraulic R.H.	32 * 1
72-4080	Decal - Danger	72 37 1	83-6630	Shim - Switch	1 5 2
72-4080	Decal - Danger	28 71 2	83-6640	Sensor - Switch	1 8 1
72-4310	Switch - Ball	78 11 1	83-6660	Support - Seat	2 11 1
72-4310	Switch - Lift	85 32 2	83-6690	Plate - Seat	1 15 1
72-9550	Stud - Fuel Tank	22 17 1	83-6700	Plate - Suspension	1 9 1
72-9760	Switch	14 15 2	83-8350	Fitting - Traction, L.H.	27 20 1
74-0720	Tube - Manual	2 1 1	83-8360	Fitting - Traction, R.H.	28 73 1
74-2170	Cylinder - Lift	86 43 2	83-8370	Plate - Clamp	28 74 1
74-2180	Ring - Steel	87 9 1	85-4750	Display - Diagnostic	12 2 1
74-2190	Cushion	87 10 1	85-6140	Spring	1 16 1
74-2200	Head	87 4 1	85-6150	Tube - Hyd. R.H. Branch	32 * 1
74-2210	Piston	87 12 1	85-6150	Tube - Hydraulic	27 30 1
74-2220	Collar	87 2 1	85-6160	Pin - Spring	1 10 1
74-2230	Shaft/Clevis	87 1 1	85-6190	Link - Deck Tilt	27 1 1
74-2270	Fitting - Suction	25 23 1	85-6210	Bracket - Rear Eng. Mount	46 37 2
74-2340	Decal - Fuse	14 22 1	85-6230	Assembly - Solenoid Valve	71 * 1
74-2510	Tube - Hydraulic L.H.	7 13 1	85-6230	Solenoid - Engine Run	46 45 1
74-2520	Tube - Hydraulic R.H.	7 14 1	85-6260	Level Sensing Unit	23 3 1
74-2530	Tube - Hydraulic	7 11 1	85-6280	Spring - Return	71 3 1
74-2660	Hose - Hydraulic Return	24 34 1	85-6290	Boot - Rubber	71 2 1
74-2680	Bracket - Bulkhead	86 45 1	85-6300	Assembly - Plunger	71 1 1
74-2700	Rod - Control	9 16 1	86-7350	Seal Repair Kit	87 * 1
74-2710	Clamp Half - Hydraulic Line	89 2 4	86-7350	Seal Repair Kit	79 * 1
74-2730	Tube - Clamp	89 31 4	86-7410	Plate - Gage	13 5 1
75-0540	Tether - Cap, Reservoir	23 27 1	86-7480	Spring - Compression	81 48 1
75-2080	Cartridge Valve Seal Kit	74 * 6	86-8100	Joint - Ball	88 19 2
75-2080	Kit - Seal	21 2 2	86-8100	Joint - Ball	78 37 2
75-9460	Bracket - Sealing L.H.	42 19 1	86-8101	Joint - Ball	88 22 2
75-9470	Bracket - Sealing R.H.	42 25 1	88-6760	Spring - Gas	43 19 2
75-9480	Bracket - Sealing Bottom	42 22 1	88-6770	Stud - Ball	43 18 2
75-9670	Fork - Castor	90 32 8	88-6770	Stud - Ball	45 56 2
75-9790	Arm - Pivot	80 10 2	88-9190	Solenoid Coil Assembly	73 23 3
76-0980	Pipe - Exhaust	46 10 1	88-9260	Bracket - Roller RH	84 38 1
76-1670	Spring - Extension	84 25 1	88-9270	Bracket - Roller LH	83 29 1
76-1670	Spring - Extension	78 33 1	88-9420	Wire Harness Assembly	11 * 1
76-1670	Spring - Extension	81 36 1	88-9430	Decal - Fuse	11 5 1
76-2060	V-Belt	83 * 1	88-9450	Bracket - Hood Cylinder	44 37 2
76-2060	V-Belt	84 * 1	92-1179	Cushion - Seat	1 17 1
76-2060	V-Belt	91 * 6	92-1180	Assembly - Seat	1 1 1
76-2750	Hydraulic Hose Assembly	81 2 1	92-1741	Tube - Hydraulic	32 42 1
76-2760	Hydraulic Hose Assembly	81 1 1	92-1742	Tube - Hydraulic	24 40 1
76-2770	Hydraulic Hose Assembly	81 6 1	92-1742	Tube - Hydraulic L.H.	32 12 1
76-4590	Screw	34 16 6	92-1753	Coupling - Spring Centering	46 26 1
76-4590	Screw	40 27 6	92-1771	Board - Instrument	13 16 1
76-4600	Gasket - Cover	40 38 1	92-1772	Hood Assembly	43 4 1
76-4600	Gasket - Front Cover	34 26 1	92-1792	Repair Kit	77 * 1
76-4610	Cover	40 33 1	92-2351	Fitting - Tank Return	24 36 1
76-4610	Cover - Front	34 15 1	92-2352	Hose - Hydraulic	24 35 1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.	Part No.	Description	Pg. No.	Ref. No.	Qty.
92-3047	Valve - Solenoid	28	62	1	93-7039	Bracket - Service Brake	7	21	1
92-3048	Solenoid Coil Kit	28	54	3	93-7176	Fitting - 45° ORFS	33	48	2
92-3049	Valve Seal Kit	28	*	1	93-7177	Assy. - Tube, Traction L.H.	27	19	1
92-3071	Spool - Solenoid Valve	73	25	3	93-7177	Tube - Hydraulic, LH	33	50	1
92-4087	Decal - Diagnostic V2.0	12	1	1	93-7178	Assy. - Tube, Traction R.H.	27	21	1
92-4094	Roller - Latch	88	16	4	93-7178	Tube - Hydraulic, RH	33	*	1
92-4804	Block - Latch Pivot	88	11	2	93-7179	Tube - Hydraulic	30	27	1
92-4805	Cam - Spring Trip	88	21	2	93-7187	Yoke - Engine End	37	8	1
92-4806	Pin - Latch	88	13	8	93-7188	Shaft - Slip Yoke	37	6	1
92-4806	Pin - Latch	78	30	1	93-7189	Yoke - Pump End	37	3	1
92-4807	Tube - Hyd. R.H. Run	32	*	1	93-7190	Kit - Universal Joint	37	7	2
92-4807	Tube - Hydraulic	24	4	1	93-7191	Tube - Slip Yoke	37	4	1
92-4967	Tube - Hydraulic	27	9	1	93-7192	Hose - Diagnostic	28	81	1
92-4967	Tube - Hydraulic	21	17	1	93-7192	Hose - Hydraulic Diagnostic	21	25	1
92-4970	Hose - Hydraulic	23	37	1	93-7193	Hose - Diagnostic	28	70	1
92-4970	Hose - Hydraulic	28	80	1	93-7193	Hose - Hyd. Diagnostic	29	7	1
92-4971	Hydraulic Cylinder Assembly	78	7	2	93-7417	Gasket	36	33	2
92-4997	Cable - Positive	72	12	1	93-7418	Cap - Actuator	36	36	2
92-5720	Controller	11	22	1	93-7422	Hose - Hyd. Diagnostic	29	5	1
92-7301	Spacer	1	19	2	93-7422	Hose - Hydraulic	27	11	1
92-8003	Housing - Actuator, R.H.	36	12	1	93-7423	Hose - Diagnostic	73	44	2
92-8004	Housing - Actuator, L.H.	36	*	1	93-7423	Hose - Hyd. Diagnostic	29	9	2
92-8661	Tab	11	34	3	93-7424	Hose - Diagnostic	28	69	1
92-8664	Lift Arm Assembly L.H.	85	33	1	93-7424	Hose - Hydraulic	37	50	1
92-8665	Lift Arm Assembly R.H.	85	*	1	93-7425	Hose - Hyd. Diagnostic	29	10	1
92-8753	Catch - Magnetic	1	6	1	93-7426	Tube - Hydraulic	27	39	1
92-9701	Shaft - Cruise Control	9	3	1	93-7426	Tube - Hydraulic	78	44	1
92-9730	Cap - End	5	18	1	93-7427	Tube - Hydraulic	78	47	1
92-9732	Plate - Wear	5	14	1	93-7637	Key - Square	92	8	1
92-9735	Screw - Cap	5	19	7	93-8457	Hex.-Belt - Deck Drive	82	*	1
92-9748	Valve - Power Steering	4	28	1	93-9320	Plate - Valve L.H.	40	40	1
92-9749	Seal Kit	5	*	1	93-9321	Plug - Orifice	41	75	1
92-9800	Spacer - Spindle	93	11	1	93-9322	Variable Displacement Pump	37	1	1
93-0307	Nut - Retainer	76	53	2	93-9324	Pivot - Idler	84	41	1
93-0309	Washer	75	25	2	93-9324	Pivot - Idler	82	61	1
93-0310	Spindle - Wheel R.H.	75	*	1	93-9337	Bracket - Switch	7	28	1
93-0311	Spindle - Wheel L.H.	75	17	1	93-9337	Bracket - Switch	37	35	1
93-1397	Valve - Flow Control	78	46	1	93-9912	Grommet	89	30	2
93-3102	Cap - Fuel	22	10	1	93-9917	Asm. - Hose, Hydraulic	91	9	2
93-3103	Cap - Hydraulic	23	36	1	93-9918	Asm. - Hose, Hydraulic	91	8	2
93-3219	Pump Drive Shaft Assembly	38	*	1	93-9919	Asm. - Hose, Hydraulic	91	29	2
93-3681	Cover	53	1	1	93-9922	Spacer	86	61	2
93-3682	Gasket	53	2	1	93-9925	Lift Arm Assembly R.H.	89	*	1
93-4237	Bearing	94	7	4	93-9926	Lift Arm Assembly L.H.	89	25	1
93-4237	Bearing	80	14	8	93-9928	Clamp - Hose	89	28	2
93-4237	Bearing	90	29	16	93-9941	Arm - Outer Lift R.H.	89	*	1
93-4239	Rim - Wheel	80	35	4	93-9942	Arm - Outer Lift L.H.	89	10	1
93-4239	Rim - Wheel	90	44	16	93-9988	Fitting - Hydraulic	28	61	1
93-4240	10 Wheel - Pneumatic	90	30	8	94-1891	Hydraulic Tube Assembly	25	13	1
93-4240	10 Wheel - Pneumatic	80	12	2	94-1892	Hose - Auxiliary Suction	23	14	1
93-4241	Spacer	80	13	2	94-1893	Tank - Hydraulic	23	4	1
93-4241	Spacer	90	28	8	94-2860	Radiator	44	12	1
93-4241	Spacer - Bearing, Inner	94	4	1	94-2865	Tank - Fuel	22	*	1
93-4242	Plate	80	33	2	94-2867	Valve - Relief	57	40	1
93-4242	Plate	90	46	8	94-2878	Pin	40	26	2
93-4243	Tire - 10	80	34	2	94-3310	Tube - Vent	22	22	1
93-4243	Tire - 10	90	42	8	94-3311	Hose - Fuel	22	23	1
93-4244	Tube - w/Valve	80	37	2	94-3334	Hose - Hydraulic	45	60	1
93-4244	Tube - w/Valve	90	45	8	94-3335	Hose - Hydraulic	44	18	1
93-4382	Bracket - Muffler	46	18	1	94-3336	Fitting - Hydraulic Straight	45	58	1
93-5452	Wheel - Pneumatic, 13	80	23	2	94-3337	Fitting - Hydraulic 90°	45	59	1
93-5508	Tire - 13	80	22	2	94-4843	Valve - Cartridge (600 lbs)	73	5	3
93-5630	Spacer - Bearing	80	21	2	94-4907	Motor - Hydraulic	81	11	1
93-5630	Spacer - Bearing, Inner	94	8	1	94-4907	Motor - Hydraulic	91	13	2
93-5631	Rim - Wheel	80	38	2	94-5390	Plate - Load	92	4	2
93-5963	Tube - w/Valve	80	39	2	94-5391	Seal - Shaft	92	3	1
93-5973	10 Foam Filled Tire Asm.	94	2	1	94-5392	Kit - Seal	92	*	1
93-5980	Hub	80	36	2	94-6760	Bracket - Support	83	19	1
93-5980	Hub	90	43	8	94-6762	Bracket - Support	84	11	1
93-5999	13 Foam Filled Tire Asm.	94	10	1	94-6772	Retainer - Clamp	89	32	2
93-7037	Switch	7	22	1	94-9412	Seal - Adapter	41	74	1
93-7037	Switch	38	61	1	94-9413	Screw	41	73	3
93-7038	Switch	28	77	1	94-9414	Adapter - Suction	41	79	1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
94-9415	Plug	41 96 1	237-78	Seal - O-Ring	21 8 3
213-31	Cover - Steering Wheel	4 8 1	237-78	Seal - O-Ring	73 33 1
217-116	Rim	75 23 2	237-78	Seal - O-Ring	73 41 2
218-242	Switch - Brake	7 25 1	237-78	Seal - O-Ring	75 43 4
218-243	Fitting - Tee	7 12 1	237-79	Seal - O-Ring	19 12 2
218-446	Nut - Hex	14 9 1	237-79	Seal - O-Ring	23 23 1
218-447	Washer - Lock	14 8 1	237-79	Seal - O-Ring	21 24 2
218-498	Nut	13 18 2	237-79	Seal - O-Ring	73 32 4
218-498	Nut - Hex	14 7 10	237-79	Seal - O-Ring	4 39 4
218-533	Lens - Indicator Light (Red)	4 7 1	237-80	Seal - O-Ring	24 1 1
218-535	Nut - Hex.	4 24 3	237-80	Seal - O-Ring	23 19 3
218-536	Washer - Lock	4 23 3	237-80	Seal - O-Ring	41 68 1
218-562	Lens - Indicator Light	4 11 2	237-81	Seal - O-Ring	23 1 1
218-573	Fuse - 5A	11 * 1	237-81	Seal - O-Ring	81 5 2
218-581	Fuse - 15A	11 33 6	237-81	Seal - O-Ring	91 5 4
219-17	Bulb - Light	13 9 8	237-81	Seal - O-Ring	32 9 4
2116-3	Joint - Ball L.H.	75 * 1	237-81	Seal - O-Ring	37 15 1
2116-4	Joint - Ball R.H.	75 35 1	237-81	Seal - O-Ring	73 19 8
231-140	Tire - (Optional)	32 * 2	237-101	Seal - O-Ring	24 24 2
232-27	Stem - Valve	75 29 2	237-116	Seal - O-Ring	25 9 1
233-17	Knob	4 3 1	237-146	Seal - O-Ring	32 5 4
233-42	Knob	19 3 3	237-146	Seal - O-Ring	73 14 1
233-48	Knob	18 3 1	237-146	Seal - O-Ring	37 19 3
233-66	Knob	14 10 1	237-154	Seal - O-Ring	70 10 1
237-21	Seal - O-Ring	32 3 2	237-155	Seal - O-Ring	24 20 1
237-21	Seal - O-Ring	21 6 2	237-156	Seal - O-Ring	21 13 8
237-21	Seal - O-Ring	30 29 4	237-156	Seal - O-Ring	73 30 30
237-21	Seal - O-Ring	76 52 4	237-157	Seal - O-Ring	23 16 1
237-21	Seal - O-Ring	28 58 3	237-158	Seal - O-Ring	32 21 4
237-22	Seal - O-Ring	27 32 7	237-164	Grommet	30 7 1
237-22	Seal - O-Ring	24 5 3	237-174	O-Ring	36 9 2
237-22	Seal - O-Ring	81 7 1	237-175	O-Ring	36 6 2
237-22	Seal - O-Ring	78 8 9	240-2	Grommet	30 6 2
237-22	Seal - O-Ring	91 10 2	240-3	Grommet	85 8 4
237-22	Seal - O-Ring	19 14 9	240-4	Grommet	27 6 6
237-22	Seal - O-Ring	44 17 1	240-4	Grommet	85 18 10
237-22	Seal - O-Ring	85 19 14	240-5	Grommet	27 28 2
237-22	Seal - O-Ring	21 21 7	240-6	Grommet	30 31 4
237-22	Seal - O-Ring	23 21 2	240-7	Grommet	30 32 1
237-22	Seal - O-Ring	37 25 1	240-7	Grommet	28 47 4
237-22	Seal - O-Ring	4 37 4	2410-10	Plug - Button	28 72 1
237-22	Seal - O-Ring	57 38 1	2410-73	Pin - Tether	23 35 1
237-22	Seal - O-Ring	75 45 6	2411-40	Joint - Ball	89 13 4
237-22	Seal - O-Ring	47 56 2	2411-41	End - Rod	46 52 2
237-22	Seal - O-Ring	41 64 1	2412-3	Clamp - Hose	23 15 1
237-30	Seal - O-Ring	27 8 3	2412-7	Clamp Assembly	75 38 2
237-30	Seal - O-Ring	24 13 2	2412-34	Clamp - Hose	23 11 1
237-30	Seal - O-Ring	37 17 2	2412-39	Clamp	72 39 1
237-30	Seal - O-Ring	21 22 2	2412-39	Clamp - R	47 68 1
237-37	Bumper - Rubber	72 34 4	2412-41	Clamp	72 38 2
237-42	Seal - O-Ring	32 1 2	2412-41	Clamp - R	44 38 1
237-42	Seal - O-Ring	78 6 4	2412-41	Clamp - R	47 59 2
237-42	Seal - O-Ring	73 7 1	2412-42	Clamp - Hose	25 11 4
237-42	Seal - O-Ring	91 12 2	2412-42	Clamp - Hose	23 13 4
237-42	Seal - O-Ring	37 23 1	2412-42	Clamp - Hose	46 19 1
237-42	Seal - O-Ring	19 24 5	2412-70	Clamp - R	46 3 1
237-42	Seal - O-Ring	21 27 6	2412-73	Clamp - R	72 7 3
237-42	Seal - O-Ring	86 42 4	2412-73	Clamp - R	47 69 1
237-42	Seal O-Ring	81 9 1	2412-89	Clamp - R	22 9 1
237-58	Seal - O-Ring	27 14 4	2412-92	Clamp - Hose	24 9 4
237-58	Seal - O-Ring	25 2 2	2412-92	Clamp - Hose	44 11 4
237-58	Seal - O-Ring	81 3 2	2412-104	Clamp-R	72 40 1
237-58	Seal - O-Ring	24 7 1	2412-108	Clamp - Hose	70 2 3
237-58	Seal - O-Ring	32 7 7	2412-108	Clamp - Hose	44 6 2
237-58	Seal - O-Ring	73 10 8	2412-108	Clamp - Hose	22 15 2
237-58	Seal - O-Ring	37 21 3	2412-108	Clamp - Hose	23 32 1
237-65	O-Ring	33 49 2	2412-110	Clamp - Hose	46 16 3
237-65	Seal - O-Ring	24 3 2	2412-129	Clamp - Hose	24 39 1
237-65	Seal - O-Ring	91 7 4	2412-133	Clamp	2 2 2
237-65	Seal - O-Ring	27 18 6	2412-138	Clamp - R	22 24 1
237-65	Seal - O-Ring	85 20 4	2412-147	Clamp - R	44 48 1
237-78	Seal - O-Ring	27 13 5	250-5	Tie - Cable	42 34 16
237-78	Seal - O-Ring	21 4 2	251-259	Bearing - Neutral Detent	37 41 1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.	Part No.	Description	Pg. No.	Ref. No.	Qty.
251-340	Bearing - Ball	32	23	2	321-5	Screw - Cap Hex. Hd.	23	10	10
253-154	Seal - Wave	93	5	2	321-6	Screw - Cap Hex. Hd.	36	37	8
253-156	Seal - Oil	32	22	2	321-6	Screw - Cap Hex. Hd.	46	38	3
253-157	Ring - Cup	32	41	8	321-9	Screw - Cap Hex. Hd.	30	22	6
254-72	Cup - Bearing Outer	75	20	2	321-9	Screw - Cap Hex. Hd.	28	43	2
254-92	Cone - Bearing Outer	75	21	2	321-9	Screw - Cap Hex. Hd.	86	56	3
254-106	Cone - Bearing Inner	75	31	2	321-10	Screw - Cap Hex. Hd.	19	1	2
254-107	Cup - Bearing Inner	75	30	2	321-10	Screw - Cap Hex. Hd.	37	47	2
256-76	Bushing - Sleeve	89	15	4	321-11	Screw - Cap Hex. Hd.	28	65	2
256-117	Bushing - Flange	81	28	4	321-15	Screw - Cap Hex. Hd.	89	3	4
256-156	Bushing - Flange	9	30	2	321-15	Screw - Cap Hex. Hd.	30	18	2
256-172	Bearing - Sleeve	88	15	8	322-3	Screw - Cap Hex. Hd.	7	5	2
256-188	Bushing - Sleeve	84	6	1	322-3	Screw - HH	89	27	4
256-188	Bushing - Sleeve	81	22	1	322-5	Screw - Cap Hex Hd.	72	27	1
256-247	Bushing - Flange	6	1	4	322-5	Screw - Cap Hex. Hd.	44	39	1
256-247	Bushing - Flange	28	46	2	322-6	Screw - Cap Hex. Hd.	44	40	4
256-273	Bushing - Flange	9	28	1	322-11	Screw - Cap Hex. Hd.	85	1	1
256-304	Washer - Thrust	89	6	8	322-11	Screw - Cap Hex. Hd.	72	30	1
256-304	Washer - Thrust	75	7	6	322-12	Screw - Cap Hex. Hd.	30	9	4
256-304	Washer - Thrust	78	28	2	322-12	Screw - Cap Hex. Hd.	24	44	3
256-304	Washer - Thrust	85	29	4	322-13	Screw - Cap Hex. Hd.	47	76	1
256-304	Washer - Thrust	90	40	4	322-17	Screw - Cap Hex. Hd.	37	39	1
256-305	Washer - Thrust	83	16	2	322-21	Screw - Cap Hex. Hd.	30	23	3
256-305	Washer - Thrust	84	24	2	323-4	Screw - Cap Hex. Hd.	11	4	4
282-2	Clevis - Brake Rod	7	18	1	323-4	Screw - Cap Hex. Hd.	6	21	4
282-28	Clevis - Adjustable	18	6	2	323-4	Screw - Cap Hex. Hd.	72	21	4
283-1	Pin - Clevis	6	24	2	323-4	Screw - Cap Hex. Hd.	43	25	2
283-1	Pin - Clevis	7	24	1	323-4	Screw - Cap Hex. Hd.	24	28	3
283-2	Pin - Clevis	32	16	2	323-4	Screw - Cap Hex. Hd.	47	70	4
283-2	Pin - Clevis	36	24	2	323-6	Screw - Cap Hex. Hd.	75	3	2
283-15	Pin - Clevis	36	31	2	323-6	Screw - Cap Hex. Hd.	83	6	3
283-67	Pin - Clevis Arm End	18	5	1	323-6	Screw - Cap Hex. Hd.	2	9	2
283-70	Pin - Hitch	80	9	2	323-6	Screw - Cap Hex. Hd.	85	12	4
283-72	Pin - Lynch	1	3	1	323-6	Screw - Cap Hex. Hd.	25	18	4
285-17	Plug - Pipe	41	76	2	323-6	Screw - Cap Hex. Hd.	32	18	14
2812-4	Fitting - Reducer	44	15	1	323-6	Screw - Cap Hex. Hd.	84	19	3
302-2	Fitting - Grease	85	31	4	323-6	Screw - Cap Hex. Hd.	43	23	4
302-2	Fitting - Grease	78	2	4	323-6	Screw - Cap Hex. Hd.	9	31	1
302-2	Fitting - Grease	84	4	1	323-6	Screw - Cap Hex. Hd.	72	32	4
302-2	Fitting - Grease	89	4	4	323-6	Screw - Cap Hex. Hd.	47	60	1
302-2	Fitting - Grease	37	5	1	323-7	Screw - Cap Hex. Hd.	37	51	2
302-2	Fitting - Grease	90	13	2	323-7	Screw - Cap Hex. Hd.	25	4	8
302-2	Fitting - Grease	81	20	1	323-7	Screw - Cap Hex. Hd.	7	7	3
302-2	Fitting - Grease Str.	93	1	1	323-7	Screw - Cap Hex. Hd.	4	16	4
302-5	Fitting - Grease	77	1	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	2	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

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
327-80	Seal - O-Ring	38 53 2	3253-2	Washer - Lock	44 21 16
328-5	Screw - Cap Hex. Hd.	78 21 2	3253-2	Washer - Lock	47 65 2
328-8	Screw - Cap Hex. Hd.	85 36 4	3253-3	Washer - Lock	23 9 10
328-8	Screw - Cap Hex. Hd.	85 37 2	3253-3	Washer - Lock	11 15 4
328-11	Screw - Cap Hex. Hd.	42 26 2	3253-3	Washer - Lock	36 16 8
328-24	Screw - Cap Hex. Hd.	86 58 4	3253-3	Washer - Lock	37 46 2
328-26	Screw - Cap Hex. Hd.	85 28 12	3253-3	Washer - Lock	47 74 1
3210-7	Screw - Cap Hex. Hd.	37 40 1	3253-7	Washer - Lock	37 13 2
3213-2	Screw - Cap Hex. Hd.	25 22 4	3253-7	Washer - Lock	25 21 8
3217-7	Nut - Hex.	22 19 1	3253-7	Washer - Lock	78 25 16
3217-7	Nut - Hex.	37 34 1	3253-7	Washer - Lock	32 30 22
3217-7	Nut - Lock	9 1 1	3253-8	Washer - Lock	93 14 1
3217-9	Nut - Hex.	37 14 2	3253-8	Washer - Lock	32 26 16
3217-9	Nut - Hex.	78 26 16	3253-9	Washer - Lock	89 20 4
3217-9	Nut - Jam	81 37 2	3253-15	Washer - Lock	22 20 5
3217-26	Nut - Lock	9 7 1	3253-15	Washer - Lock	14 21 A/R
3219-2	Nut - Hex.	37 29 1	3253-21	Washer - Lock	9 2 2
3219-5	Nut - Hex.	32 31 18	3253-21	Washer - Lock	22 5 2
3219-7	Nut - Lock	89 19 4	3253-21	Washer - Lock	25 5 8
3219-10	Nut - Jam	73 24 3	3253-21	Washer - Lock	23 6 4
3219-14	Nut - Hex.	46 1 2	3253-21	Washer - Lock	2 10 2
3219-14	Nut - Hex.	18 7 2	3253-21	Washer - Lock	72 14 2
3219-14	Nut - Hex.	24 17 1	3253-21	Washer - Lock	32 17 14
3220-1	Nut - Jam	46 50 2	3253-21	Washer - Lock	4 17 4
3220-2	Nut - Jam	7 17 1	3253-21	Washer - Lock	11 19 4
3220-3	Nut - Jam	9 21 2	3253-21	Washer - Lock	36 19 8
3220-4	Nut	28 53 1	3253-21	Washer - Lock	43 22 6
3220-4	Nut - Bulkhead	29 12 8	3253-21	Washer - Lock	24 29 3
3220-5	Nut - Jam	9 19 1	3253-21	Washer - Lock	37 32 3
3220-7	Nut - Jam	89 12 4	3253-21	Washer - Lock	44 35 12
3220-7	Nut - Jam	75 28 2	3253-21	Washer - Lock	47 75 4
3220-22	Nut - Jam	88 4 4	3254-2	Washer	89 26 4
3229-8	Bolt - Carriage	11 35 3	3254-2	Washer - Lock	72 25 1
3230-22	Bolt - Carriage	2 20 1	3254-6	Washer - Lock	19 25 1
3231-22	Bolt - Carriage	93 7 6	3256-1	Washer - Flat	46 48 1
3231-25	Bolt - Carriage	84 9 2	3256-3	Washer - Flat	47 67 3
3231-25	Bolt - Carriage	83 20 2	3256-5	Washer - Flat	22 7 2
3231-28	Bolt - Carriage	81 12 2	3256-6	Washer - Flat	9 17 1
3231-28	Bolt - Carriage	91 27 4	3256-7	Washer - Flat	1 26 1
3231-30	Bolt - Carriage	37 33 1	3256-22	Washer - Flat	14 2 8
3233-9	Bolt - Carriage	83 9 3	3256-22	Washer - Flat	30 11 2
3233-9	Bolt - Carriage	90 22 12	3256-22	Washer - Flat	11 12 4
3233-9	Bolt - Carriage	84 30 3	3256-22	Washer - Flat	4 44 1
3233-27	Bolt - Carriage	81 42 1	3256-23	Washer	13 2 4
3233-28	Bolt - Carriage	90 12 6	3256-23	Washer - Flat	2 16 4
3233-29	Bolt - Carriage	90 11 2	3256-23	Washer - Flat	30 24 1
3233-30	Bolt - Carriage	91 22 6	3256-23	Washer - Flat	28 68 2
3233-30	Bolt - Carriage	82 59 1	3256-24	Washer - Flat	72 15 2
3234-5	Screw - Cap Hex. Hd.	1 11 4	3256-24	Washer - Flat	93 16 A/R
3234-7	Screw - Hex. Washer Hd.	11 2 11	3256-24	Washer - Flat	43 24 6
3234-12	Screw - Hex. Flange Hd.	75 10 2	3256-24	Washer - Flat	1 27 2
3234-12	Screw - Hex. Flange Hd.	82 53 4	3256-24	Washer - Flat	36 27 4
3234-12	Screw - Hex. Washer Hd.	91 2 8	3256-26	Washer - Flat	18 13 1
3234-13	Screw - Hex. Flange Hd.	37 36 4	3256-26	Washer - Flat	4 29 3
3234-13	Screw - Hex. Washer Hd.	22 8 1	3256-26	Washer - Flat	32 45 4
3234-13	Screw - Hex. Washer Hd.	7 19 2	3256-26	Washer - Flat	47 54 8
3234-14	Screw - Cap Hex. Hd.	43 11 6	3256-27	Washer - Flat	1 24 1
3234-14	Screw - Cap Hex. Hd.	9 12 1	3256-56	Washer - Flat	30 21 8
3234-14	Screw - Cap Hex. Hd.	6 18 3	3256-56	Washer - Flat	85 40 3
3234-14	Screw - Cap Hex. Hd.	1 23 6	3256-56	Washer - Flat	44 47 2
3234-14	Screw - Cap Hex. Hd.	11 25 2	3256-56	Washer - Flat	28 67 2
3234-14	Screw - Hex. Flange Hd.	10 1 4	3256-69	Washer	83 26 2
3234-14	Screw - Hex. Flange Hd.	30 2 6	3256-69	Washer	84 35 2
3234-14	Screw - Hex. Flange Hd.	19 8 6	3258-19	Screw - Machine	46 14 2
3234-14	Screw - Hex. Flange Hd.	27 25 4	3269-6	Washer - Backup	42 33 22
3234-14	Screw - Hex. Washer Hd.	46 20 4	3269-15	Rivet - Pop	42 32 22
3234-14	Screw - Hex. Washer Hd.	4 25 8	3269-25	Rivet - Pop	29 1 4
3234-17	Screw - Hex. Flange Hd.	72 6 4	3269-25	Rivet - Pop	83 1 4
3234-28	Screw - Hex. Flange Hd.	27 10 2	3269-25	Rivet - Pop	84 1 4
3245-31	Screw - Set	9 8 1	3269-25	Rivet - Pop	91 17 16
3245-32	Screw - Set	9 26 1	3269-25	Rivet - Pop	81 29 8
3249-11	Screw - Machine	6 26 2	3272-1	Pin - Cotter	19 4 6
3253-2	Washer - Lock	24 16 1	3272-1	Pin - Cotter	18 9 3

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
3272-5	Pin - Cotter	6 6 1	3296-68	Nut - Lock	90 14 2
3272-5	Pin - Cotter	4 43 1	3296-68	Nut Lock	85 35 2
3272-6	Pin - Cotter	72 4 1	32103-3	Nut - Wing	44 33 2
3272-6	Pin - Cotter	6 9 2	32104-16	Screw - Tapping	13 7 4
3272-6	Pin - Cotter	19 10 2	32105-1	Screw - Cap Hex. Hd.	13 17 2
3272-6	Pin - Cotter	32 14 2	32105-1	Screw - Machine	83 11 4
3272-6	Pin - Cotter	36 22 2	32105-1	Screw - Machine	84 16 4
3272-6	Pin - Cotter	46 47 1	32105-1	Screw - Machine	81 27 8
3272-7	Pin - Cotter	9 23 2	32105-1	Screw - Pan Hd.	91 21 16
3272-7	Pin - Cotter	81 45 1	32105-12	Screw - Hex. Socket Hd.	11 7 2
3272-10	Pin - Cotter	7 16 1	32105-13	Screw - Hex. Hd.	11 8 4
3272-10	Pin - Cotter	9 18 1	32107-11	Nut - Square	46 27 2
3272-10	Pin - Cotter	36 26 2	32108-103	Screw - Flat Hd.	81 18 4
3272-12	Pin - Cotter	88 2 4	32108-103	Screw - Machine Flat Hd.	89 9 4
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	88 14 16
3272-23	Pin - Cotter	78 18 4	32120-47	Ring - Retaining	78 31 2
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	32122-28	Screw - Truss Hd.	83 5 2
3290-378	Tie - Cable	86 * 3	32122-28	Screw - Truss Hd.	84 14 2
3290-378	Tie - Cable	91 * 24	32122-53	Screw - Pan Head	1 7 4
3290-378	Tie - Cable	11 18 2	32122-53	Screw - Phil. Truss Hd.	11 9 2
3290-378	Tie - Cable	78 41 1	32127-11	Nut - Flexlok	7 27 2
3290-378	Tie - Cable	4 36 5	32127-11	Nut - Flexlok	37 37 2
3290-384	Pin - Lynch	80 1 2	32128-16	Nut - HHF	80 28 8
3290-384	Pin - Lynch	90 2 8	32128-16	Nut - HHF	90 47 32
3290-392	Screw - HH	14 17 1	32128-19	Nut - Lock Flange Hd.	1 21 2
3290-495	Pin - Lynch	27 2 2	32128-20	Nut - Flange Lock	44 19 5
3296-2	Nut - Flange Lock	43 7 12	32128-20	Nut - Flange Lock	4 22 2
3296-2	Nut - Flange Lock	42 12 20	32128-20	Nut - Flange Lock	11 27 2
3296-2	Nut - Flange Lock	72 24 1	32128-20	Nut - Flange Lock	46 30 4
3296-2	Nut - Lock	83 2 6	32128-20	Nut - Lock	9 13 1
3296-2	Nut - Lock	84 10 6	32128-20	Nut - Lock	6 17 3
3296-2	Nut - Lock	13 15 2	32128-20	Nut - Lock	81 19 4
3296-2	Nut - Lock	91 19 16	32128-20	Nut - Lock	30 37 4
3296-2	Nut - Lock	11 21 6	32128-21	Nut - Flange Lock	37 2 2
3296-2	Nut - Lock	81 34 8	32128-21	Nut - Flange Lock	91 4 12
3296-3	Nut - Lock	36 29 2	32128-21	Nut - Flange Lock	93 9 6
3296-9	Nut - Lock	6 14 2	32128-21	Nut - Flange Lock	81 10 6
3296-23	Nut - Lock	18 14 1	32128-21	Nut - Flange Lock	83 10 6
3296-29	Nut - Lock	1 12 4	32128-21	Nut - Flange Lock	84 22 6
3296-29	Nut - Lock	2 17 4	32128-21	Nut - Lock	7 8 3
3296-41	Nut - Lock	88 8 2	32128-23	Nut - Flange Lock	80 3 4
3296-42	Nut - Keps	18 1 3	32128-23	Nut - Flange Lock	90 7 20
3296-42	Nut - Lock	14 4 4	32128-23	Nut - Flange Lock	83 8 3
3296-49	Nut - Lock	93 2 1	32128-23	Nut - Flange Lock	91 25 6
3296-49	Nut - Lock	4 20 1	32128-23	Nut - Flange Lock	84 26 4
3296-53	Nut - Lock	80 16 4	32128-23	Nut - Flange Lock	4 34 3
3296-53	Nut - Lock	90 31 8	32128-23	Nut - Flange Lock	81 35 4
3296-54	Nut - Lock	1 4 4	32128-23	Nut - Lock	75 8 12
3296-59	Nut - Lock	36 35 2	32128-25	Nut - Lock	25 19 4
3296-68	Nut - Lock	78 1 2	32128-25	Nut - Lock	36 20 2
3296-68	Nut - Lock	75 11 1	32128-43	Nut - Lock	80 19 16

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.	Part No.	Description	Pg. No.	Ref. No.	Qty.
32128-43	Nut - Lock	90	25	32	340-4	Fitting - Hydraulic Straight	21	23	2
32128-45	Nut - Lock	90	8	8	340-8	Fitting - Hydraulic Straight	91	6	4
32136-2	Nut - Castle	88	1	4	340-9	Fitting - Hydraulic St. L.H.	32	10	1
32136-2	Nut - Castle	75	41	2	340-9	Fitting - Hydraulic Straight	73	18	7
32136-2	Nut - Slotted	78	36	2	340-15	Fitting - Hydraulic Elbow	37	20	3
32136-13	Nut - Castle	75	33	4	340-22	Fitting - Hydraulic Tee	24	2	1
32144-1	Screw - Hex. Hd.	7	26	2	340-57	Fitting - Hydraulic Straight	78	45	2
32144-1	Screw - Hex. Hd.	37	30	2	340-65	Seal - O-Ring	73	12	2
32144-11	Screw - Hex. Flange Hd.	42	21	8	340-65	Seal - O-Ring	24	22	1
32144-11	Screw - Thread Forming	86	60	4	340-65	Seal - O-Ring	44	28	3
32144-19	Screw - Round Hd.	13	24	4	340-68	Fitting - Hydraulic Bulk. Tee	78	14	1
32144-64	Screw - Hex. Washer Hd.	4	13	4	340-68	Fitting - Hydraulic Bulkhead	75	2	2
32144-69	Screw - Cap, Hex. Hd.	45	54	6	340-70	Nut - Bulkhead	27	4	6
32144-96	Screw - Mach. Round Hd.	4	42	3	340-70	Nut - Bulkhead	78	13	1
32149-2	Nut - Keps	42	2	16	340-70	Nut - Bulkhead	85	15	10
32149-2	Nut - Keps	9	4	4	340-70	Nut - Bulkhead	76	48	2
32149-2	Nut - Keps	19	7	2	340-71	Fitting - Hydraulic Bulkhead	27	7	1
32149-2	Nut - Keps	72	8	3	340-74	Nut - Bulkhead	85	11	4
32149-2	Nut - Keps	43	16	16	340-77	Fitting - Hydraulic Elbow	78	19	4
32149-2	Nut - Keps	7	20	2	340-77	Fitting - Hydraulic Elbow	85	41	4
32149-2	Nut - Keps	46	33	5	340-78	Nut - Bulkhead	30	34	4
32149-2	Nut - Keps	11	36	3	340-79	Fitting - Hydraulic 90°	24	23	1
32149-2	Nut - Keps	28	55	2	340-82	Fitting - Hydraulic Elbow	32	4	2
32149-7	Nut	43	30	4	340-86	Fitting - Hydraulic Tee	19	15	2
32149-7	Nut - Keps	11	23	3	340-91	Fitting - Hydraulic Straight	32	6	2
32151-10	Ring - Retaining	75	14	2	340-92	Fitting - Hydraulic Straight	21	7	2
32151-10	Ring - Retaining	89	21	2	340-92	Fitting - Hydraulic	28	56	1
32151-48	Ring - Retaining	80	8	4	340-94	Tee - Hydraulic	21	35	1
32151-100	Ring - Retaining	36	2	2	340-105	Fitting - Hydraulic Elbow	38	55	1
32152-1	Nut	43	31	2	340-124	Fitting - Hydraulic Straight	44	16	1
32152-1	Nut - Lock	7	2	2	340-125	Fitting - Hydraulic	28	59	1
32152-1	Nut - Lock	85	3	5	340-126	Nut - Bulkhead	27	3	2
32152-1	Nut - Lock	89	7	4	340-127	Nut - Bulkhead	27	29	2
32152-1	Nut - Lock	6	12	4	340-128	Nut - Bulkhead	30	3	2
32152-1	Nut - Lock	30	13	8	340-129	Fitting - Hydraulic Elbow	73	13	1
32152-1	Nut - Lock	72	26	3	340-130	Fitting - Hydraulic 90°	23	18	1
32152-1	Nut - Lock	27	36	1	340-130	Fitting - Hydraulic Elbow	38	54	1
32152-1	Nut - Lock	24	41	3	340-131	Fitting - Hydraulic Elbow	37	16	1
32152-1	Nut - Lock	28	42	4	340-132	Fitting - Hydraulic Elbow	75	44	4
32152-1	Nut - Lock	45	57	2	340-133	Fitting - Hydraulic Straight	4	32	3
32152-1	Nut - Lock	47	57	2	340-134	Fitting - Hydraulic Elbow	37	48	1
32152-2	Nut - Lock	85	5	6	340-135	Seal - O-Ring	25	7	2
32152-2	Nut - Lock	25	16	4	340-136	Seal - O-Ring	24	37	1
32152-2	Nut - Lock	72	22	4	340-142	Fitting - Hydraulic Elbow	81	4	2
32152-2	Nut - Lock	44	27	7	340-142	Fitting - Hydraulic Elbow	73	15	1
32152-2	Nut - Lock	76	47	2	340-142	Fitting - Hydraulic Elbow	32	43	2
32152-4	Nut - Lock	89	1	4	340-148	Fitting - Hydraulic Tee R.H.	32	*	1
32152-4	Nut - Lock	30	12	6	340-150	Cap - Hydraulic	24	38	1
32152-4	Nut - Lock	6	15	2	353-375	Fitting - Hydraulic 90°	27	12	2
32152-4	Nut - Lock	37	27	2	353-431	Fitting - Hydraulic 45°	73	42	2
32152-4	Nut - Lock	28	45	2	353-536	Fitting - Fuel 90° Elbow	22	16	1
32152-4	Nut Lock	85	23	3	353-566	Tee - Hydraulic	21	16	1
32153-3	Nut - Lock	37	44	1	353-781	Fitting - Fuel Elbow	70	3	2
32153-5	Nut - Lock	44	26	2	353-947	Cap - Fitting	29	2	8
32153-5	Nut - Lock	46	41	8	353-988	Plug	73	39	4
32153-6	Nut - Lock	85	4	22	353-989	Plug	73	6	1
32153-6	Nut - Lock	78	20	2	353-990	Plug	73	34	1
32153-6	Nut Lock	42	24	2	353-990	Plug - Hose	21	3	2
33004-00	Nut - HWH	2	23	2	353-991	Plug	73	31	30
33015-00	Nut	2	22	2	353-991	Plug - Hole	21	12	8
33016-00	Nut - Hex.	92	1	4	353-992	Flange - Fitting	25	6	4
33096-00	Washer - Flat	92	2	4	353-994	Adapter	7	10	1
33104-025	Screw - HHF	2	21	2	353-997	Fitting - Hydraulic Bulkhead	29	3	8
340-2	Fitting - Hydraulic Straight	19	23	3	354-42	Flange - Half	25	10	2
340-2	Fitting - Hydraulic Straight	21	26	5	354-95	Fitting	45	51	1
340-2	Fitting - Hydraulic Straight	91	11	2	354-104	Ring - Backup	36	5	2
340-3	Fitting - Hydraulic Straight	19	13	2	354-105	Ring - Backup	36	10	2
340-3	Fitting - Hydraulic Straight	23	22	1					

*Not Illustrated

TABLE OF CONTENTS

Description	Page	Description	Page
Seat Assembly	1	Water Pump Assembly	51
Seat Pivot & Bellows Assembly	2	Timing Gear Case Assembly	52
Seat Suspension Assembly	3	Rocker Cover & Cylinder Head Assembly	53
Steering Tower Assembly	4	Valve & Camshaft Assembly	54
Power Steering Valve Assembly No. 92—9748	5	Crankcase Assembly	55
Steering Brake Assembly	6	Piston, Connecting Rod, Crankshaft & Flywheel ..	56
Service Brake Assembly	7	Oil Pump, Breather & Filter	57
Brake System Master Cylinder No. 69—2640	8	Flywheel Housing & Oil Pan Assembly	58
Traction Pedal & Cruise Control Assembly	9	Intake & Exhaust Manifold Assembly	59
Tool Box Assembly	10	Turbocharger Assembly No. 70—6430	60
Control Box Assembly	11	Turbocharger Oil Pipe Assembly	61
Diagnostic Display Assembly	12	Fuel System Assembly	62—63
Upper Control Panel Assembly	13	Fuel Injection Pump Assembly	64—65
Lower Control Panel Assembly	14	Governor Assembly	66—67
Electrical Schematic	15	Fuel Feed Pump Assembly No. 70—5700	68
Controller Electrical Schematic	16	Air Cleaner Assembly No. 69—1890	69
Operators Control Panel Electrical Schematic	17	Fuel Filter Assembly	70
Throttle Assembly	18	Solenoid Valve Assembly No. 85—6230	71
Lift Valve Installation Assembly	19	Battery Frame Assembly	72
Lift Valve Assembly No. 69—1780	20	PTO Manifold Assembly	73—74
Counterbalance Manifold Assembly	21	Rear Axle Assembly	75—76
Fuel Tank Assembly	22	Hydraulic Cylinder Assembly No. 69—1960	77
Hydraulic Tank Assembly	23	Front Lift Arm Assembly	78
Hydraulic Filter Assembly	24	Hydraulic Cylinder Assembly No. 92—4971	79
Hydraulic Pump Installation Assembly	25	Center Deck Model No. 30592	
Double Gear Pump No. 69—2050	26	Carrier Frame Assembly	80
Frame Assembly	27—28	Center Deck Model No. 30592	81—82
Hydraulic System Diagnostic Panel Assembly	29	Center Deck Model No. 30592	
Hydraulic Line Clamps Assembly	30	Left Wing Assembly	83
Hydraulic Schematic	31	Center Deck Model No. 30592	
Front Wheel Assembly	32—33	Ring Wing Assembly	84
Wheel Motor No. 69—3050	34	Wing Deck Lift Assembly	85—86
Planetary Gear Drive Assembly No. 69—1730	35	Hydraulic Cylinder Assembly No. 74—2170	87
Wheel Brake Assembly	36	Wing Deck Latch Assembly	88
Variable Displacement Pump Installation	37—38	Wing Deck Lift Arm Assembly	89
Gear Pump & Flow Divider No. 69—2220	39	Wing Deck Model No. 30591 L.H. & 30593 R.H. ..	90
Variable Displacement Pump No. 93—9322 ..	40—41	Wing Deck Model No. 30591 L.H. & 30593 R.H.	
Cowl Assembly	42	Drive Assembly	91
Hood Assembly	43	Hydraulic Motor Assembly No. 93—4363	92
Radiator & Oil Cooler Assembly	44—45	Spindle Assembly	93
Engine Installation Assembly	46—47	10" & 13" Foam Filled Tire Assemblies	
Starter & Alternator Installation Assembly	48	(Optional)	94
Starter Motor Assembly No. 70—5860	49	TORO Part Number Index	95—111
Alternator Assembly No. 70—5760	50		