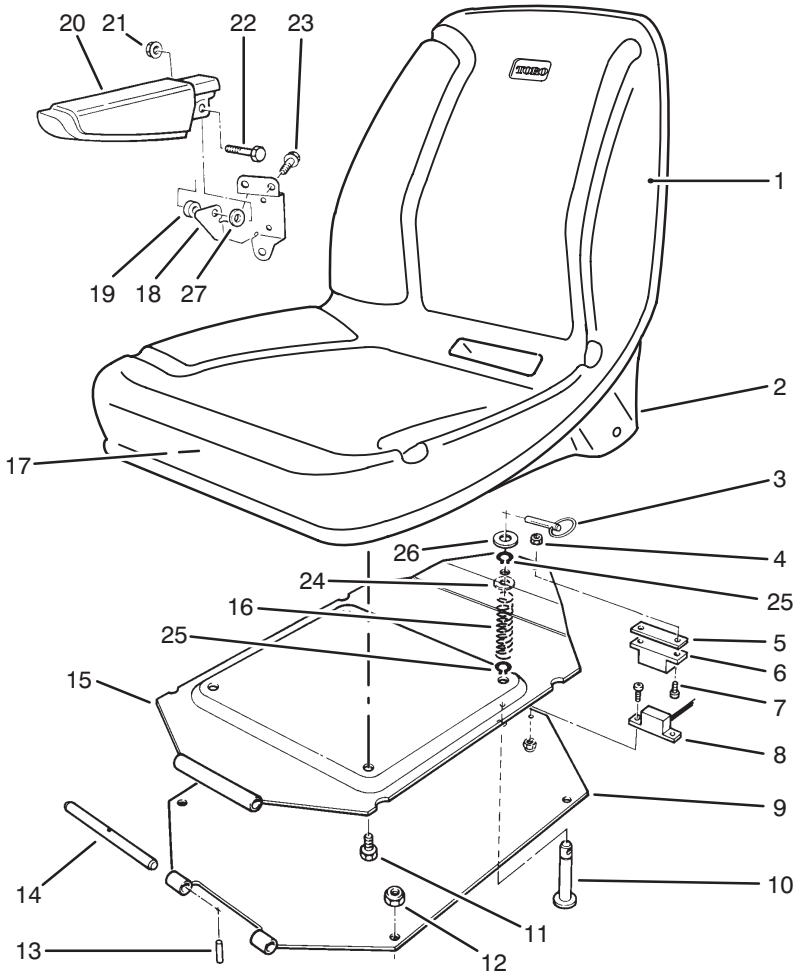
FORM NO. 3317–640

TORO®

MODEL NO. 30580–50146

PARTS CATALOG

GROUNDSMASTER® 580–D
Traction Unit



T–1278C

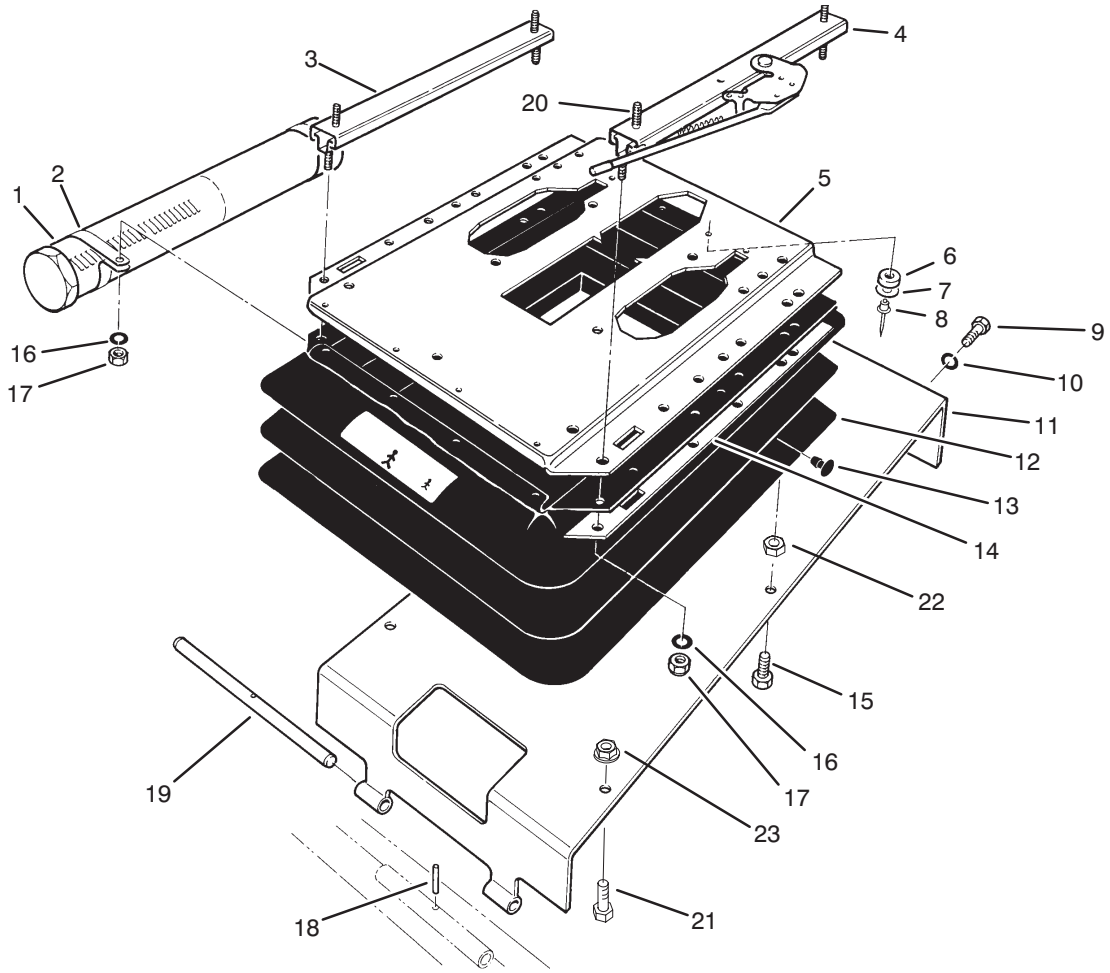
SEAT ASSEMBLY

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

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

*Not Illustrated

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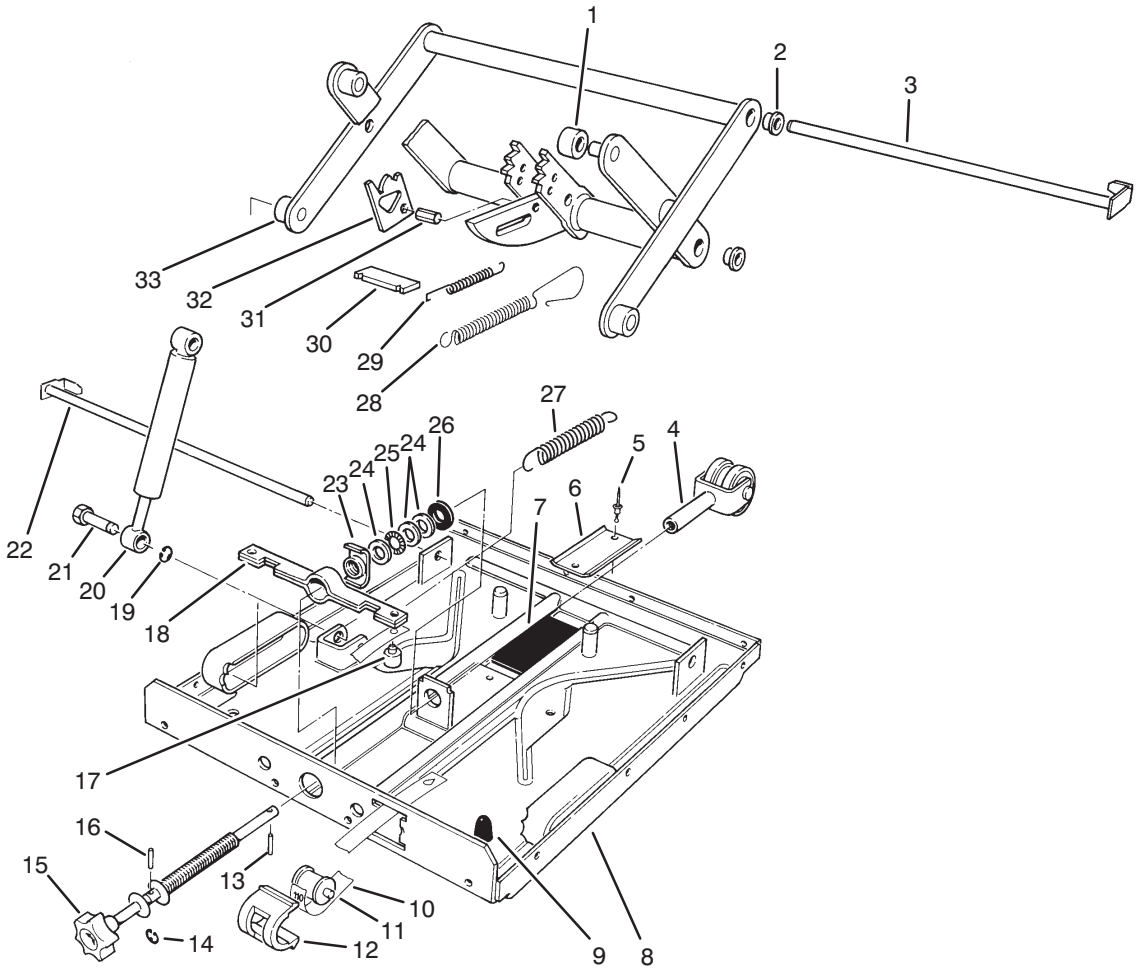


T−1279B

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

SEAT SUSPENSION ASSEMBLY

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

*Not Illustrated

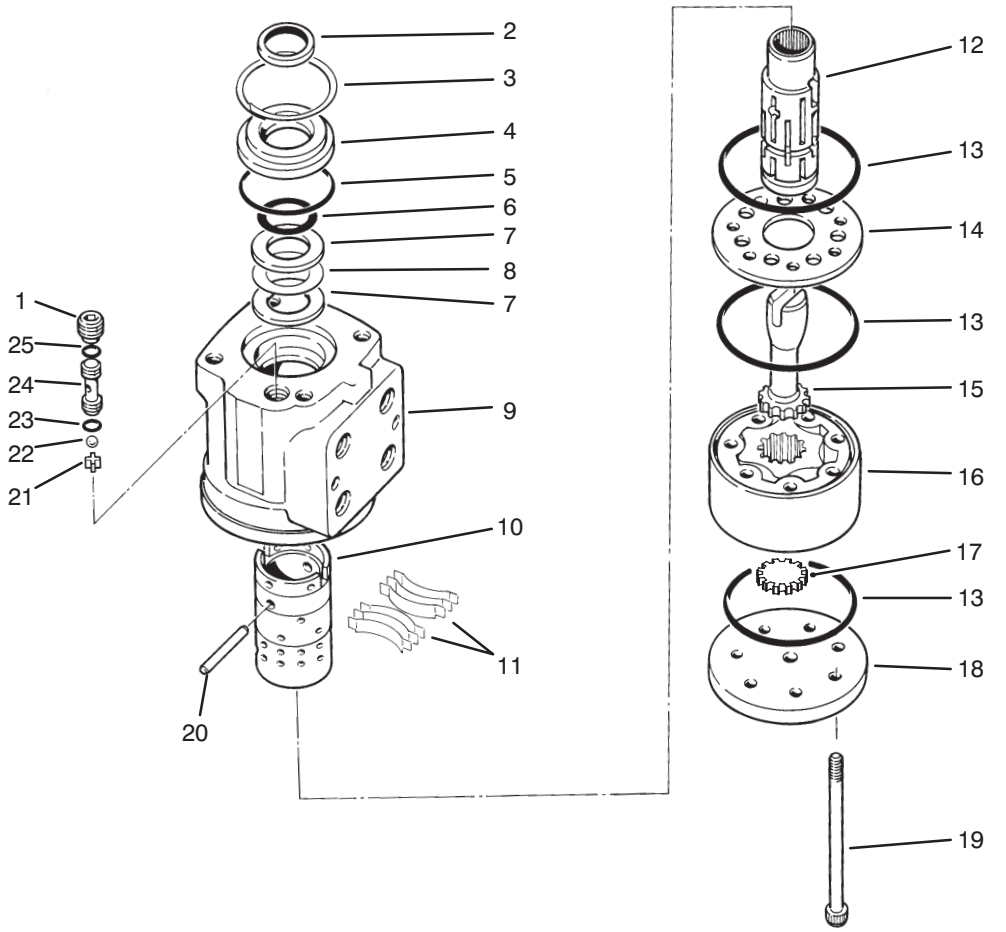
T–0338

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–0383A

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

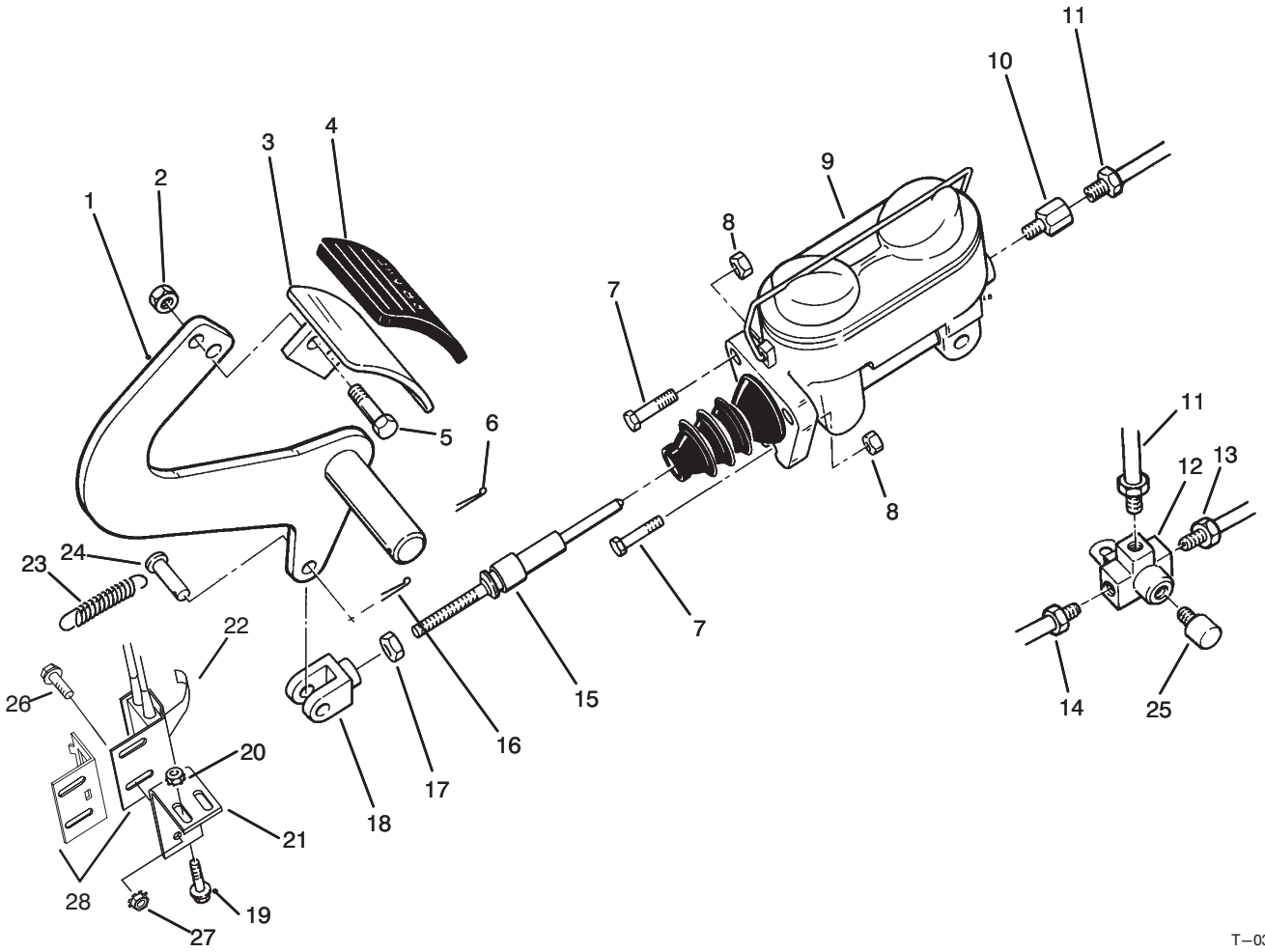
*Not Illustrated
†Not Serviceable Separately

T–0339A

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
15	32152–4	Nut – Lock	2
16	69–7840	Mount – Brake Arm	1
17	32128–20	Nut – Lock	3
18	3234–14	Screw – Cap Hex. Hd.	3
19	49–6171	Pad – Brake Pedal L.H.	1
*	49–6172	Pad – Brake Pedal R.H.	1
20	69–7700	Pedal – Brake	2
21	323–4	Screw – Cap Hex. Hd.	4
22	69–5670	Cable – Brake	2
23	69–7880	Arm – Brake L.H. (Incl. Ref. #1 & 3)	1
24	283–1	Pin – Clevis	2
25	3290–307	Pin – Cotter, Hair	2
26	3249–11	Screw – Machine	2
*	3290–378	Tie – Cable	3

*Not Illustrated



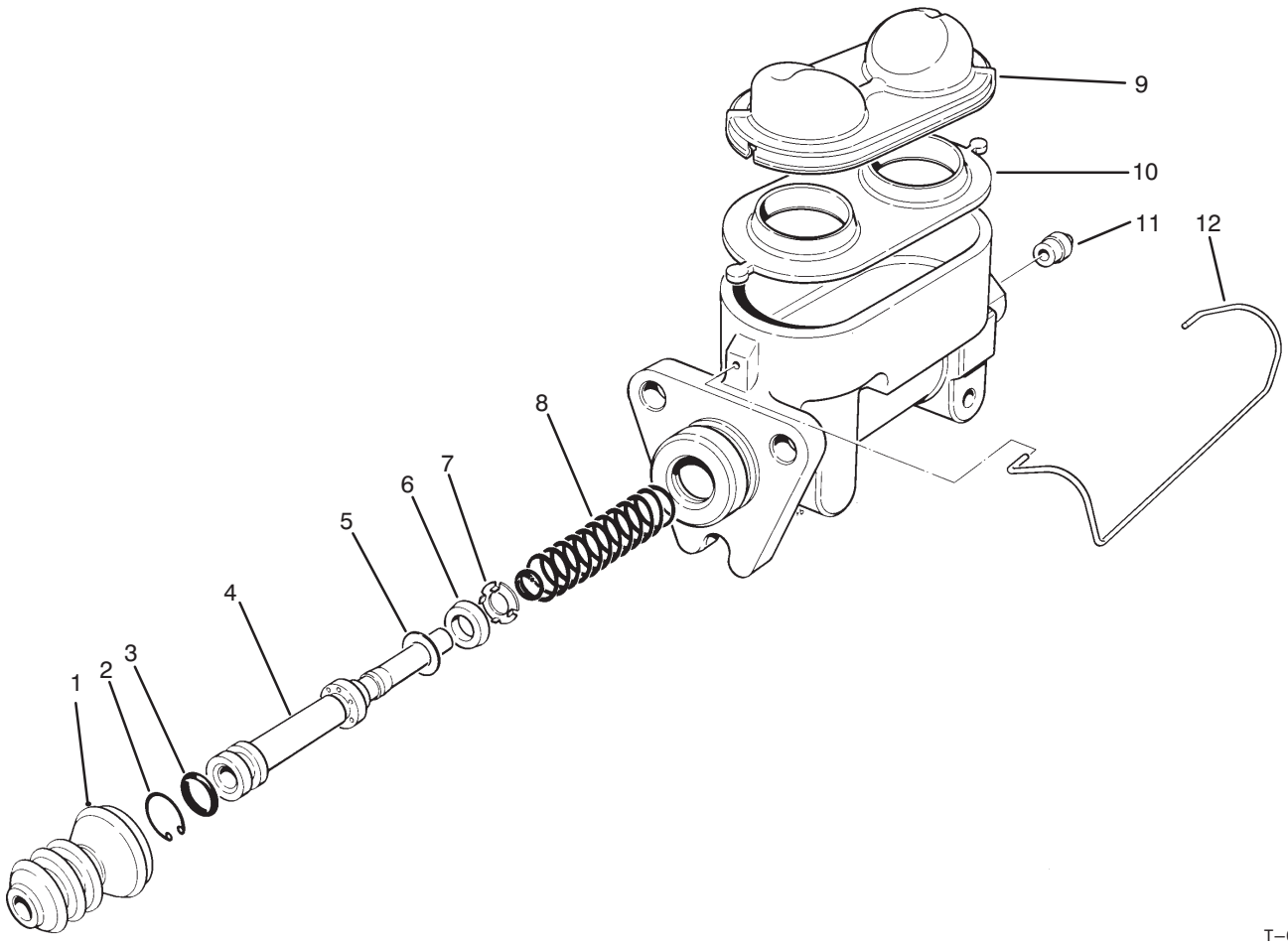
T–0341C

SERVICE BRAKE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	69–8750	Arm – Brake	1
2	32152–1	Nut – Lock	2
3	69–7700	Pedal – Brake	1
4	49–6170	Pad – Brake	1
5	322–3	Screw – Cap Hex. Hd.	2
6	3272–12	Pin – Cotter	1
7	323–7	Screw – Cap Hex. Hd.	3
8	32128–21	Nut – Lock	3
9	69–2640	Master Cylinder Assembly	1
10	353–994	Adapter	1
11	74–2530	Tube – Hydraulic	1
12	218–243	Fitting – Tee	1
13	74–2510	Tube – Hydraulic L.H.	1
14	74–2520	Tube – Hydraulic R.H.	1

Ref. No.	Part No.	Description	No. Used
15	69–9340	Rod – Brake	1
16	3272–10	Pin – Cotter	1
17	3220–2	Nut – Jam	1
18	282–2	Clevis – Brake Rod	1
19	3234–13	Screw – Hex. Washer Hd.	2
20	32149–2	Nut – Keps	2
21	93–7039	Bracket – Service Brake	1
22	93–7037	Switch	1
23	21–1830	Spring – Extension	1
24	283–1	Pin – Clevis	1
25	218–242	Switch – Brake	1
26	32144–1	Screw – Hex. Hd.	2
27	32127–11	Nut – Flexlok	2
28	93–9337	Bracket – Swiitch	1

*Not Illustrated

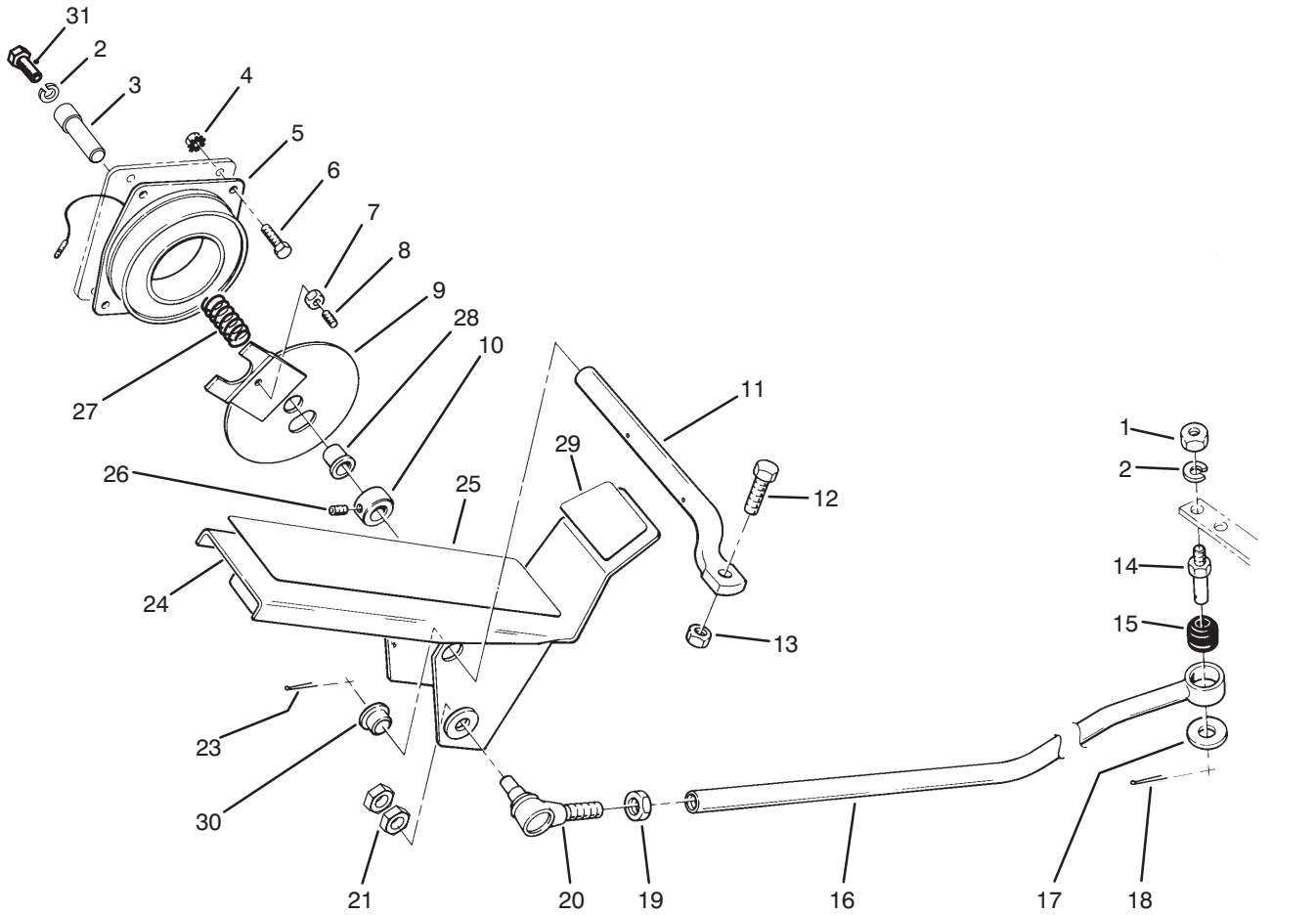


T–0384

BRAKE SYSTEM MASTER CYLINDER NO. 69–2640

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

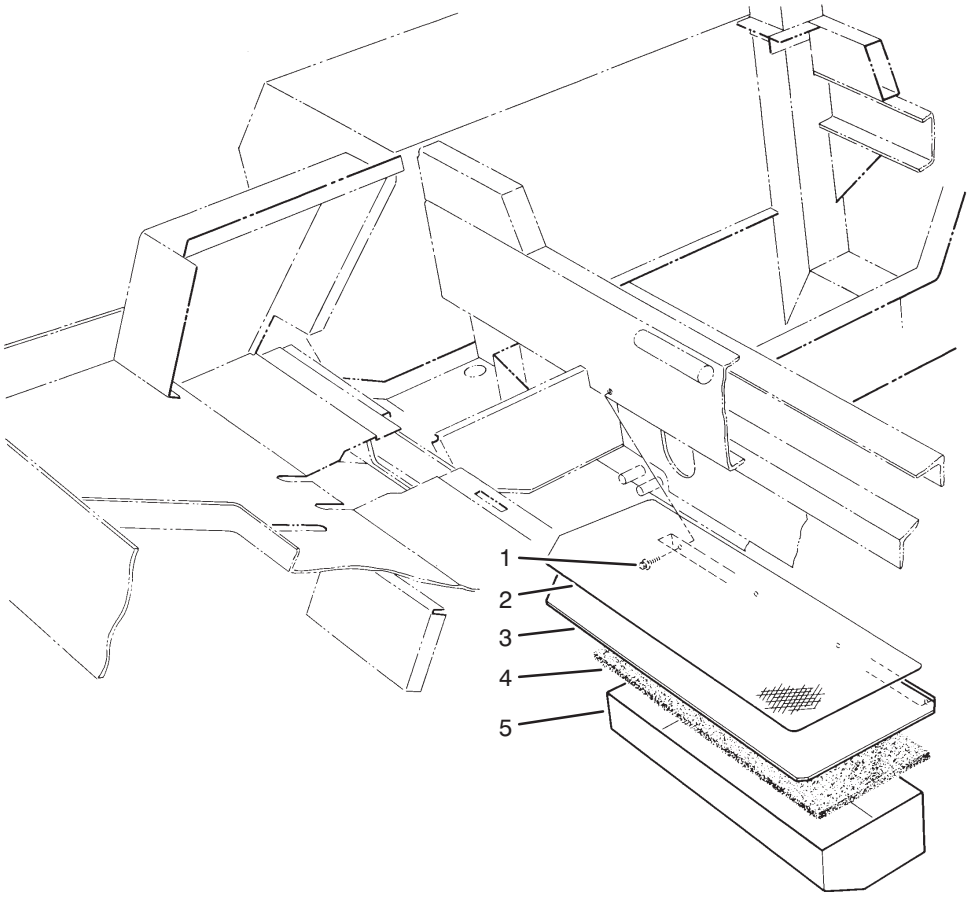
*Not Illustrated
†Not serviceable separately.



TRACTION PEDAL & CRUISE CONTROL ASSEMBLY

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

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



T–0876

TOOL BOX ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	69–8110	Box – Tool	1
2	69–9430	Foam – Tool Box	1
3	69–8080	Cover – Tool Box	1
4	71–0410	Cover – Abrasive	1
5	3234–14	Screw – Hex. Flange Hd.	4

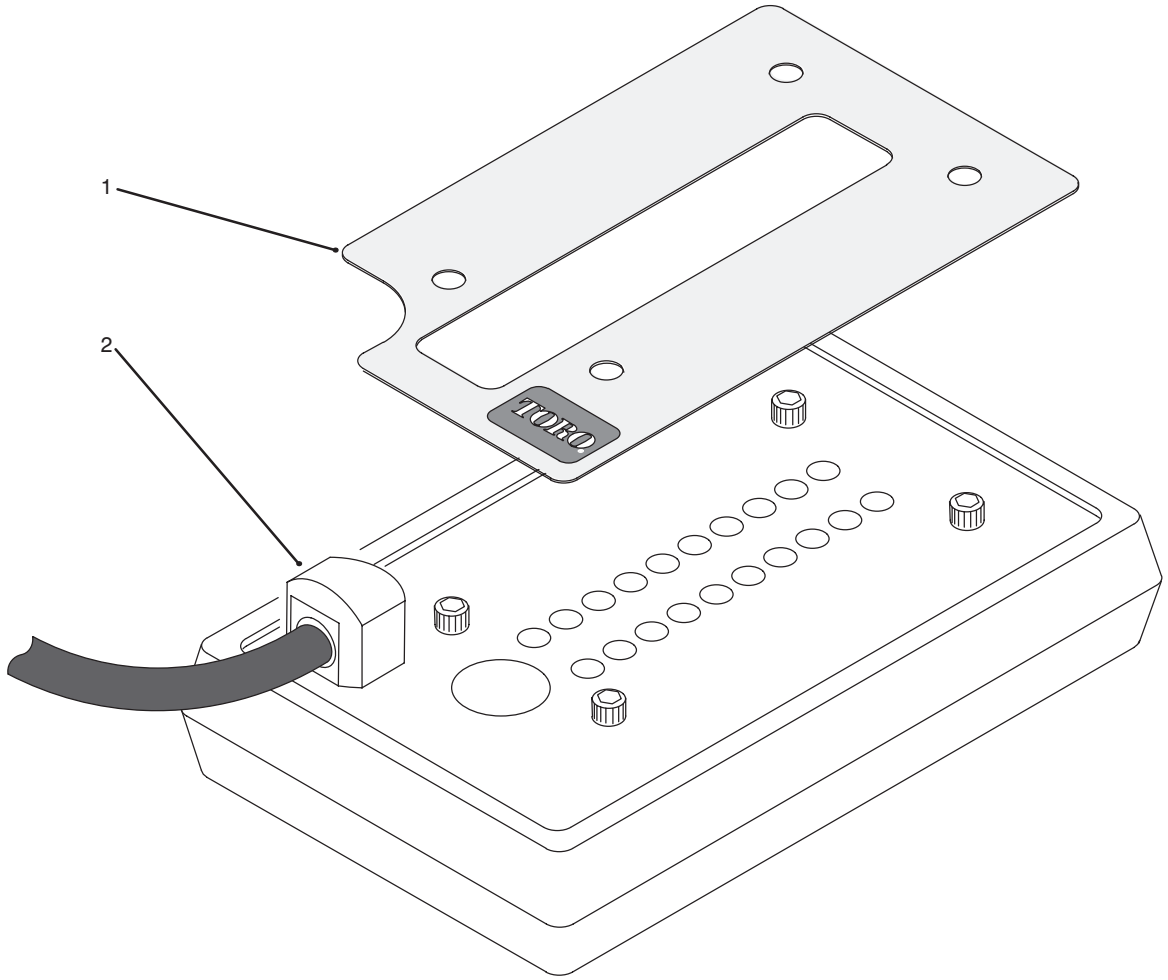
T–0340C

CONTROL BOX ASSEMBLY

Ref. No.	Part No.	Description	No. Used
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

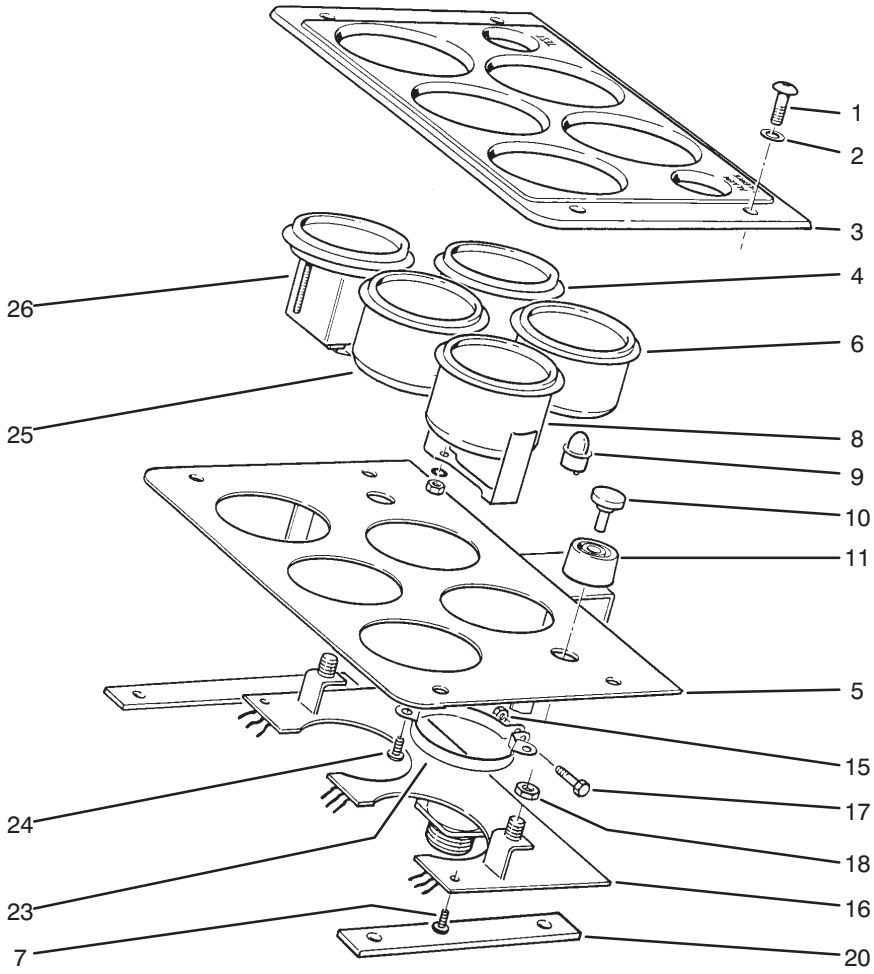
*Not Illustrated



T–1458

DIAGNOSTIC DISPLAY ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	92–4087	Decal – Diagnostic V2.0 GM 580D	1
2	85–4750	Display – Diagnostic	1

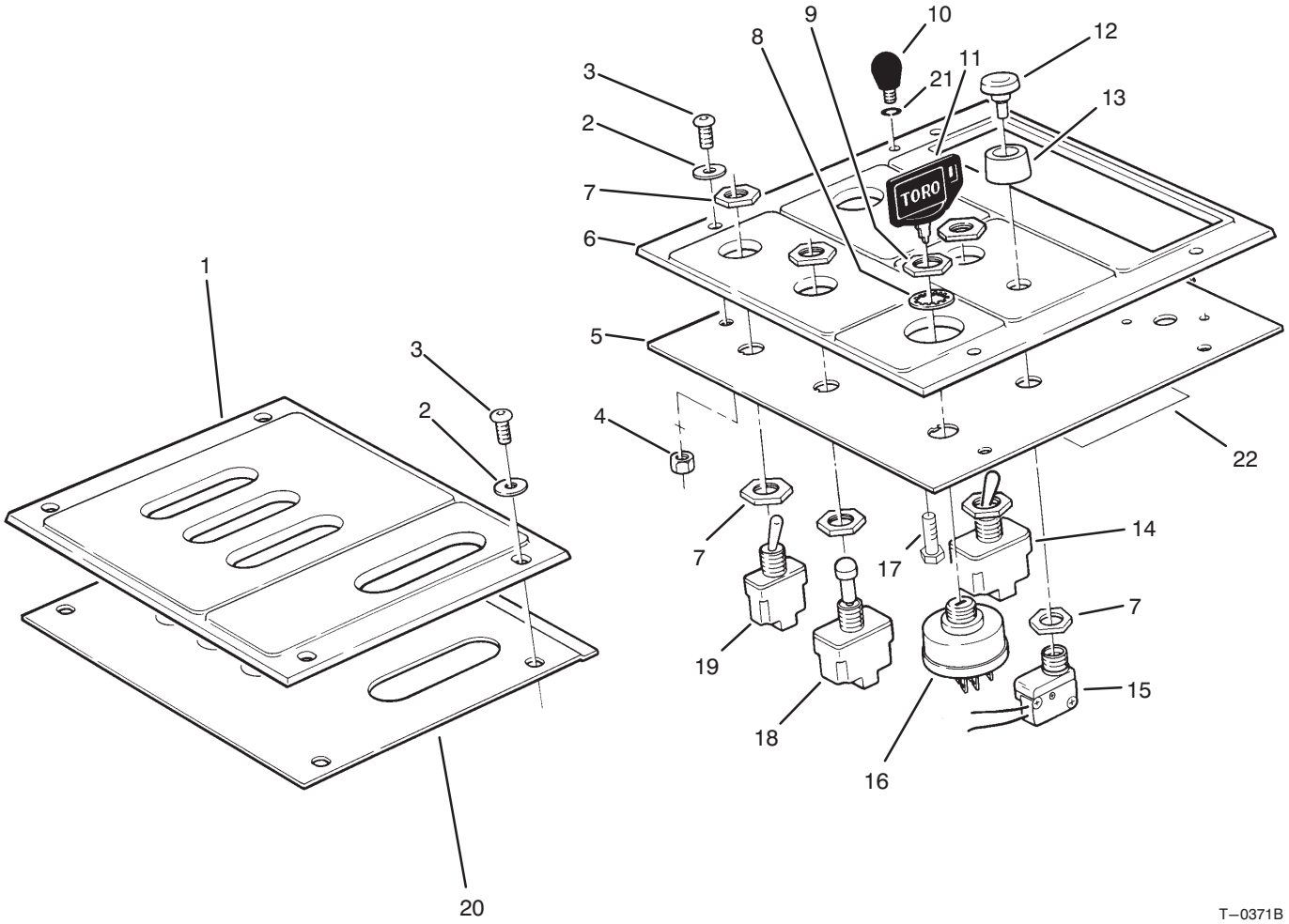


T–1448

UPPER CONTROL PANEL ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3290–133	Screw – Round Hd.	4
2	3256–23	Washer	4
3	71–4230	Panel	1
4	71–4210	Cluster – Warning Light	1
5	86–7410	Plate – Gage	1
6	71–4200	Cluster – Warning Light	1
7	32104–16	Screw – Tapping	4
8	63–7430	Gauge – Temperature	1
9	219–17	Bulb – Light	8
10	43–6280	Button	2

Ref. No.	Part No.	Description	No. Used
11	43–6420	Bezel	2
15	3296–2	Nut – Lock	2
16	92–1771	Board – Instrument	1
17	32105–1	Screw – Cap Hex. Hd.	2
18	218–498	Nut	2
20	71–4250	Spacer	2
23	69–4780	Clamp – Gauge	2
24	32144–19	Screw – Round Hd.	4
25	66–2940	Gauge – Fuel	1
26	66–2950	Hourmeter	1



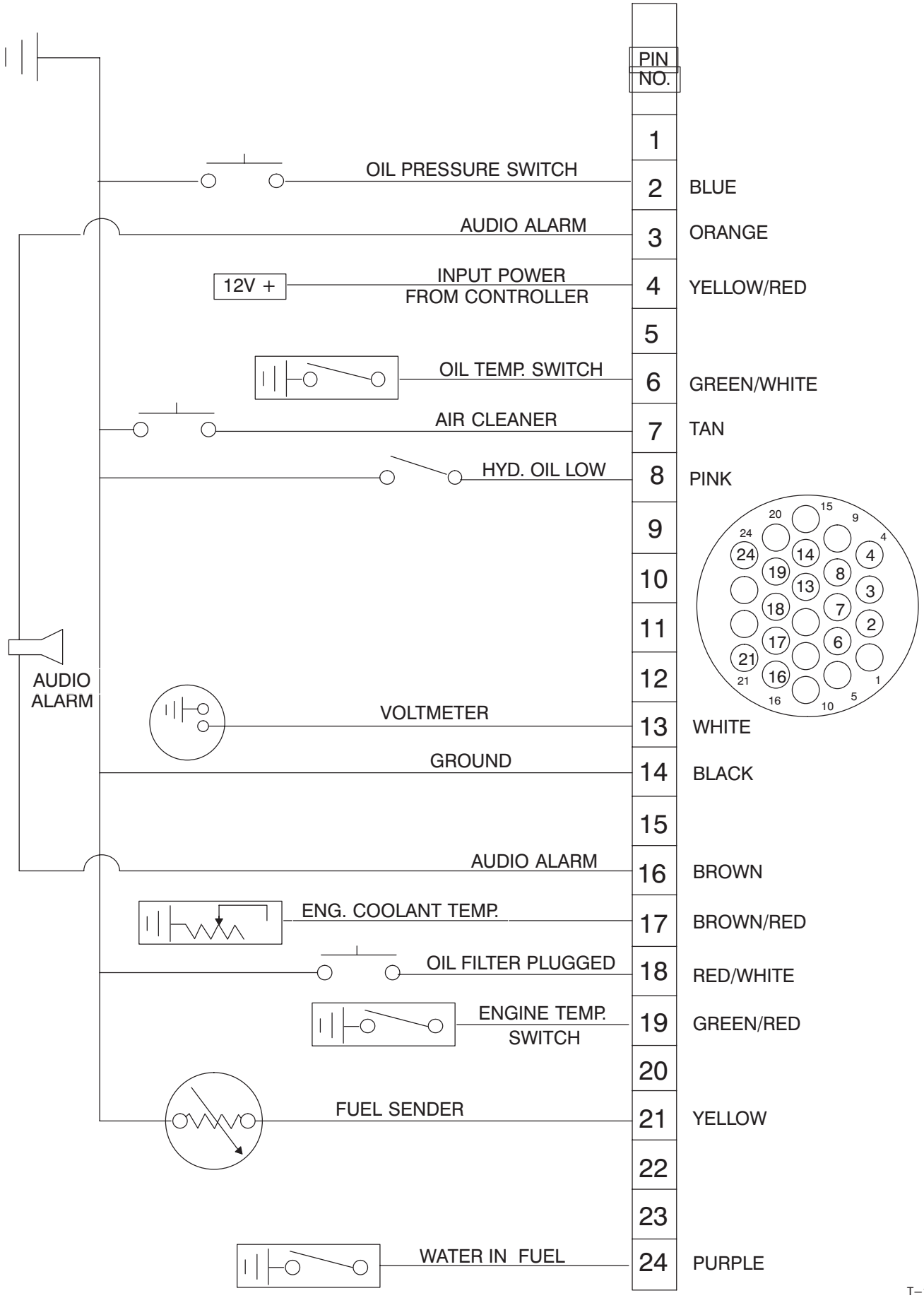
T−0371B

LOWER CONTROL PANEL ASSEMBLY

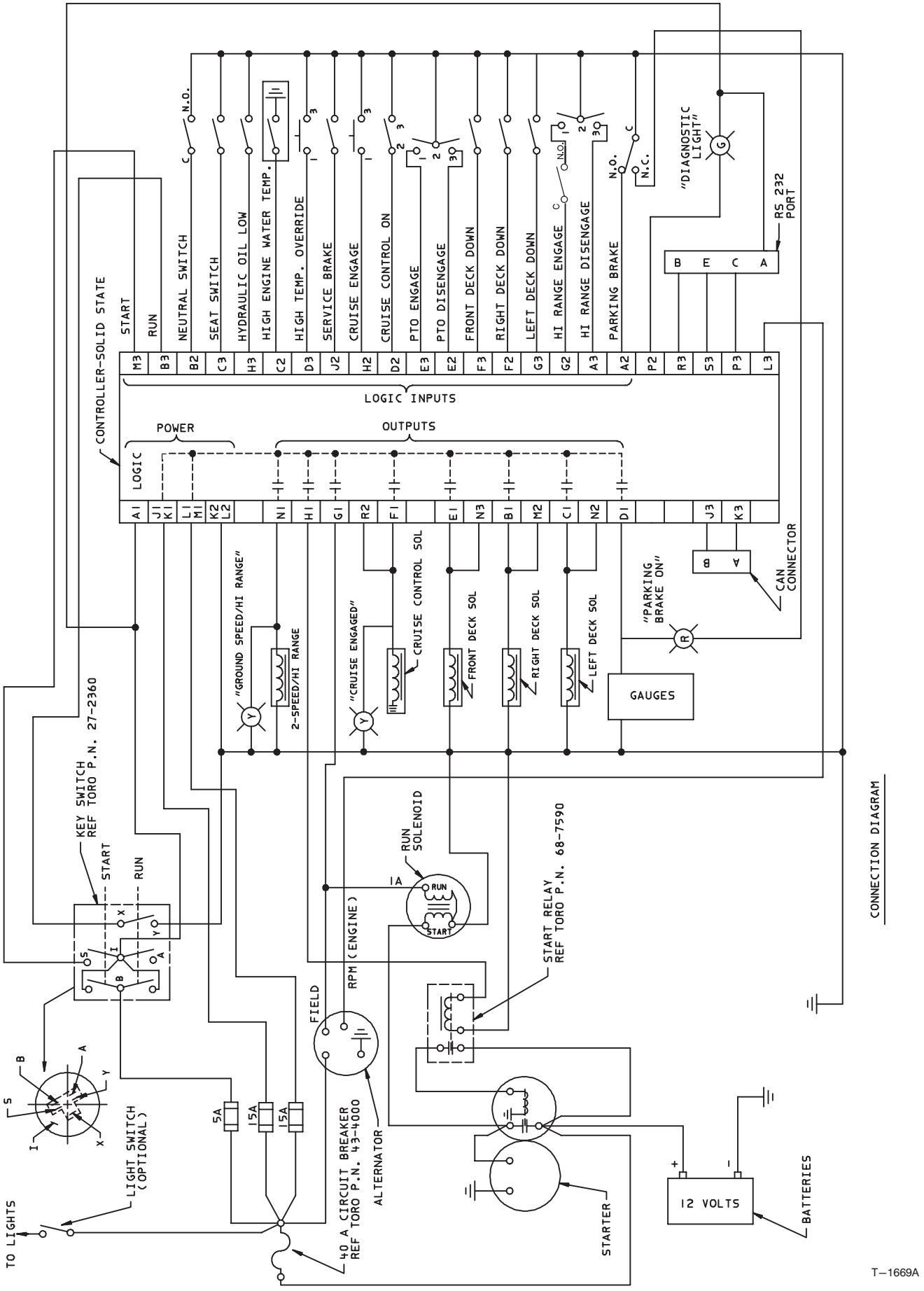
Ref. No.	Part No.	Description	No. Used
1	69−0980	Panel − Lever	1
2	3256−22	Washer − Flat	8
3	3290−133	Screw − Round Hd.	8
4	3296−42	Nut − Lock	4
5	71−2460	Plate − Control	1
6	69−0990	Panel − Control	1
7	218−498	Nut − Hex	10
8	218−447	Washer − Lock	1
9	218−446	Nut − Hex	1
10	233−66	Knob	1
11	63−8360	Key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

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

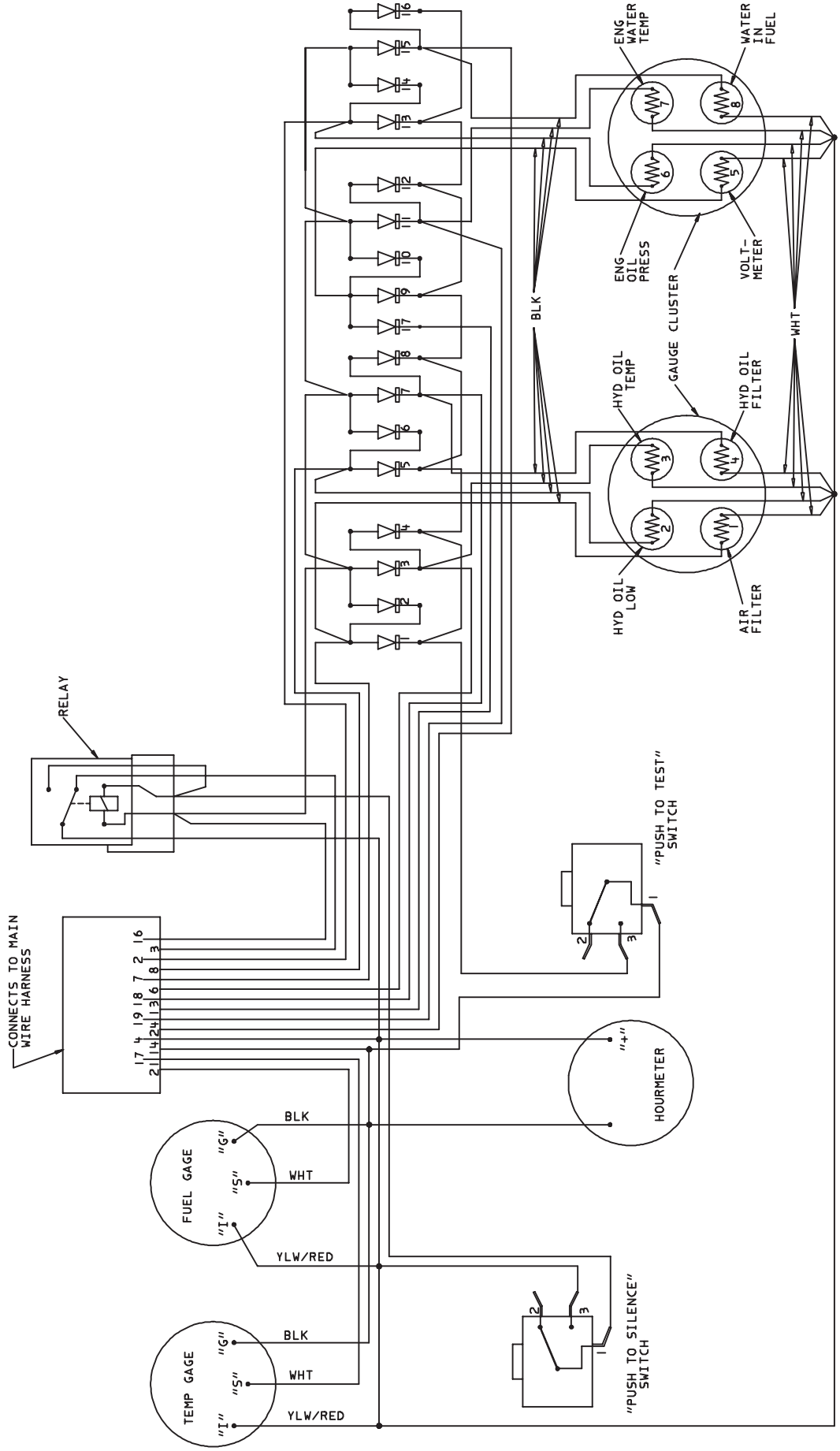
ELECTRICAL SCHEMATIC



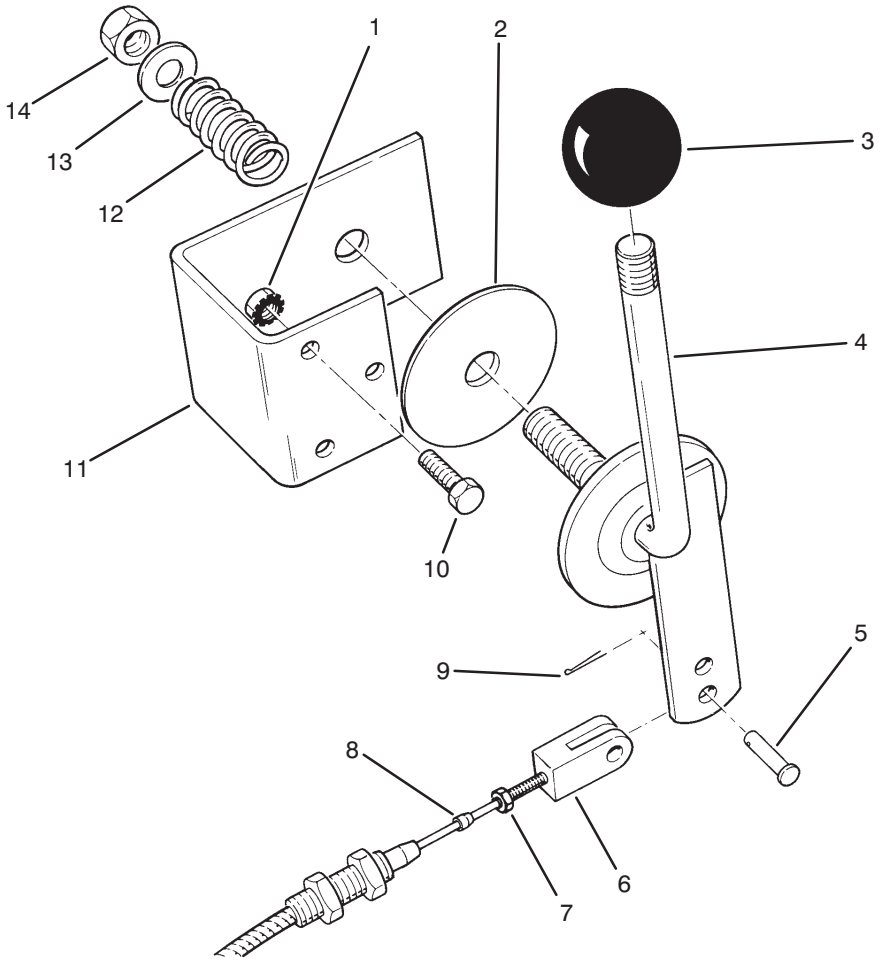
CONTROLLER ELECTRICAL SCHEMATIC



OPERATORS CONTROL PANEL ELECTRICAL SCHEMATIC



T–1655



T–0352A

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

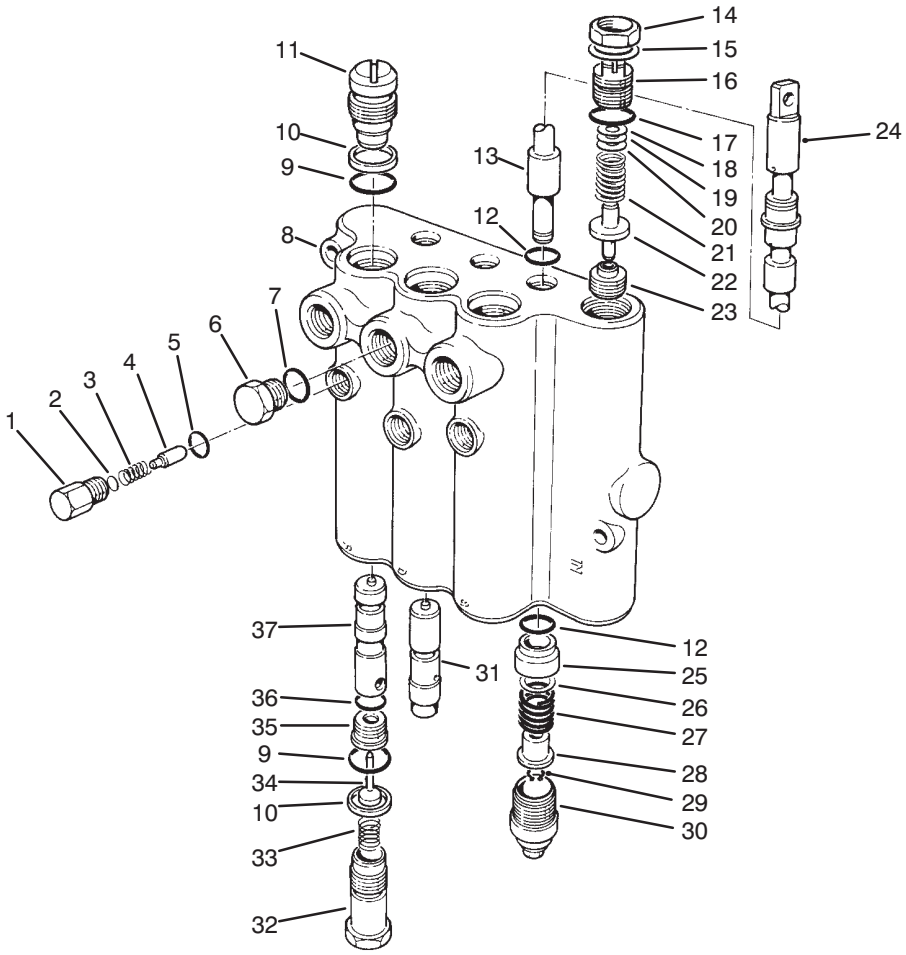
*Not Illustrated

T–0355

LIFT VALVE INSTALLATION ASSEMBLY

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

*Not Illustrated



T–0379

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)	

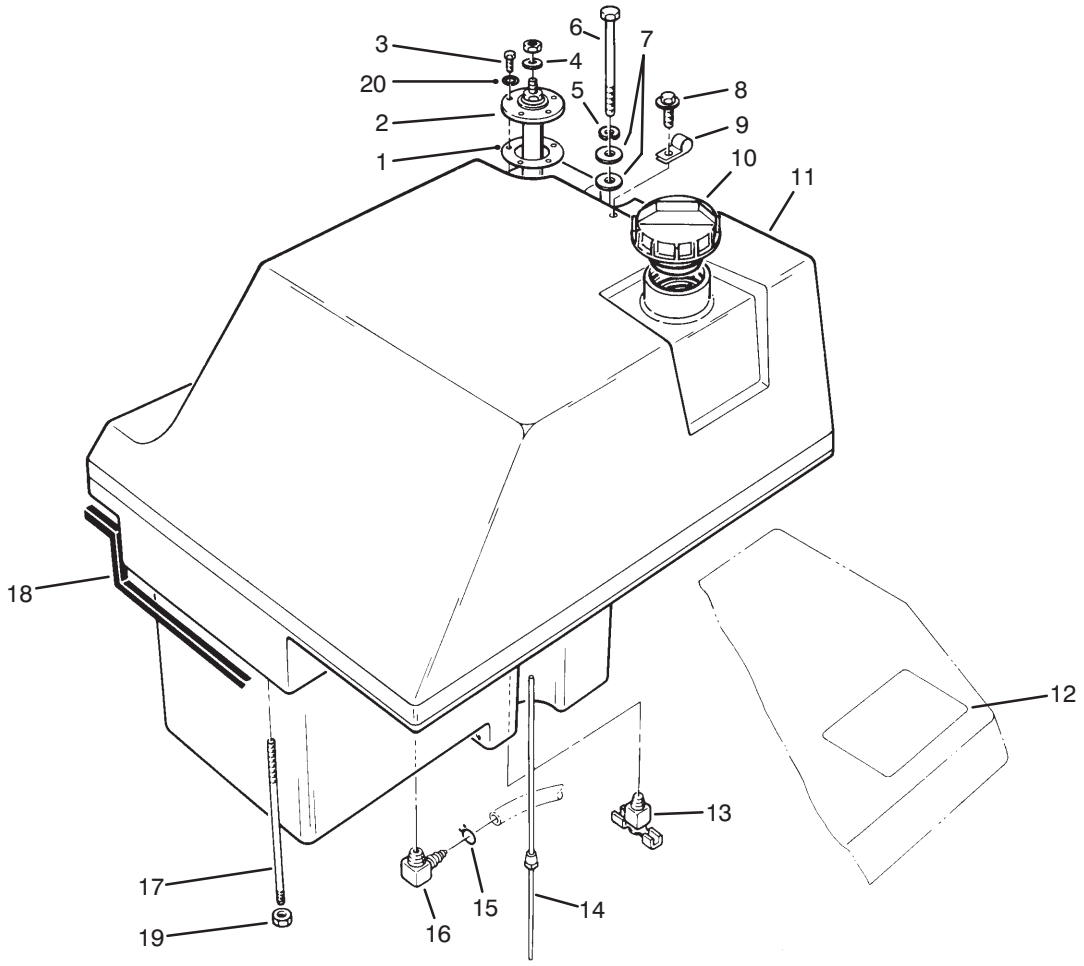
*Not Illustrated
†Not Serviceable Separately

T–0356A

COUNTERBALANCE MANIFOLD ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	69–4080	Valve – Hydraulic Cartridge (Incl. Ref. #2)	1
2	75–2080	Kit – Seal	2
3	353–990	Plug – Hose (Incl. Ref. #4)	2
4	237–78	Seal – O–Ring	2
5	69–5890	Tube – Hydraulic	1
6	237–21	Seal – O–Ring	2
7	340–92	Fitting – Hydraulic Straight (Incl. Ref. #6 & 8)	2
8	237–78	Seal – O–Ring	3
9	69–5680	Tube – Hydraulic	1
10	69–4120	Valve – Hydraulic Cartridge (Incl. Ref. #11)	1
11	69–4240	Kit – Seal	1
12	353–991	Plug – Hole (Incl. Ref. #13)	8
13	237–156	Seal – O–Ring	8
14	69–4070	Manifold – Counter Balance	1
15	69–4100	Valve – Hydraulic Cartridge (Incl. Ref. #2)	1
16	353–566	Tee – Hydraulic (Incl. Ref. #8)	1
17	92–4967	Tube – Hydraulic	1
18	69–5850	Tube – Hydraulic	1
19	69–5910	Tube – Hydraulic	1
20	69–5710	Tube – Hydraulic	1
21	237–22	Seal – O–Ring	7
22	237–30	Seal – O–Ring	2
23	340–4	Fitting – Hydraulic Straight (Incl. Ref. #22 & 24)	2
24	237–79	Seal – O–Ring	2
25	93–7192	Hose – Hydraulic Diagnostic	1
26	340–2	Fitting – Hydraulic Straight (Incl. Ref. #21 & 27)	5
27	237–42	Seal – O–Ring	6
28	69–5870	Tube – Hydraulic	1
29	69–4250	Kit – Seal	3
30	69–4110	Valve – Hydraulic Cartridge (Incl. Ref. #29)	2
31	69–5820	Tube – Hydraulic	1
32	69–5830	Tube – Hydraulic	1
33	69–5730	Tube – Hydraulic	1
34	69–5860	Tube – Hydraulic	1
35	340–94	Tee – Hydraulic (Incl. Ref. #21 & 27)	1
36	69–4090	Valve – Hydraulic Cartridge (Incl. Ref. #29)	1
37	69–5920	Tube – Hydraulic	1
*	69–4060	Counterbalance Manifold (Incl. Ref. #1–4, 10–15, 29, 30 & 36)	1
38	69–4140	Plug – Orifice .120	1
39	69–4130	Plug – Orifice .047	2

*Not Illustrated



T–0353B

FUEL TANK ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	62–7650	Gasket – Level Sensing Unit	1
2	70–6990	Level Sensing Unit Assembly	1
3	32122–24	Screw – Cap Hex. Hd.	5
4	5–3637	Spacer – Terminal	1
5	3253–21	Washer – Lock	2
6	323–21	Screw – Cap Hex. Hd.	1
7	3256–5	Washer – Flat	2
8	3234–13	Screw – Hex. Washer Hd.	1
9	2412–89	Clamp – R	1
10	93–3102	Cap – Fuel	1

Ref. No.	Part No.	Description	No. Used
11	80–0010	Tank – Fuel	1
12	69–0930	Decal – Warning	1
13	304–46	Drain – Fuel Tank	1
14	69–7200	Tube – Vent	1
15	2412–6	Clamp – Hose	1
16	353–536	Fitting – Fuel 90° Elbow	1
17	72–9550	Stud – Fuel Tank	1
18	68–7572	Strip – Sealing	1
19	3217–7	Nut – Hex.	1
20	3253–15	Washer – Lock	5

T–0354A

HYDRAULIC TANK ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	237–81	Seal – O–Ring	1
2	69–1170	Gauge – Sight (Incl. Ref. #1)	1
3	85–6260	Level Sensing Unit	1
4	77–5390	Tank – Hydraulic	1
5	323–10	Screw – Cap Hex. Hd.	4
6	3253–21	Washer – Lock	4
7	5–3177	Washer – Flat	4
8	69–1610	Adapter – Suction Hose	1
9	3253–3	Washer – Lock	10
10	321–5	Screw – Cap Hex. Hd.	10
11	2412–34	Clamp – Hose	1
12	69–5640	Hose – Suction	1
13	2412–42	Clamp – Hose	4
14	69–5370	Hose – Auxiliary Suction	1
15	2412–3	Clamp – Hose	1
16	237–157	Seal – O–Ring	1
17	69–1650	Screen – Suction	1
18	340–130	Fitting – Hydraulic 90° (Incl. Ref. #19 & 21)	1
19	237–80	Seal – O–Ring	3
20	69–5800	Tube – Hydraulic	1
21	237–22	Seal – O–Ring	2
22	340–3	Fitting – Hydraulic Straight (Incl. Ref. #21 & 23)	1
23	237–79	Seal – O–Ring	1
24	68–7571	Strip – Sealing	1
26	321–2	Screw – Cap, Hex. Hd.	1
27	75–0540	Tether – Cap, Reservoir	1
31	71–2680	Hose – Vent	1
32	2412–108	Clamp – Hose	2
33	69–4280	Tube – Hydraulic Vent	1
34	61–2790	Filler – Screen	1
35	2410–73	Pin – Tether	1
36	93–3103	Cap – Hydraulic (Incl. Ref. #27 & 35)	1
37	92–4970	Hose – Hydraulic	1

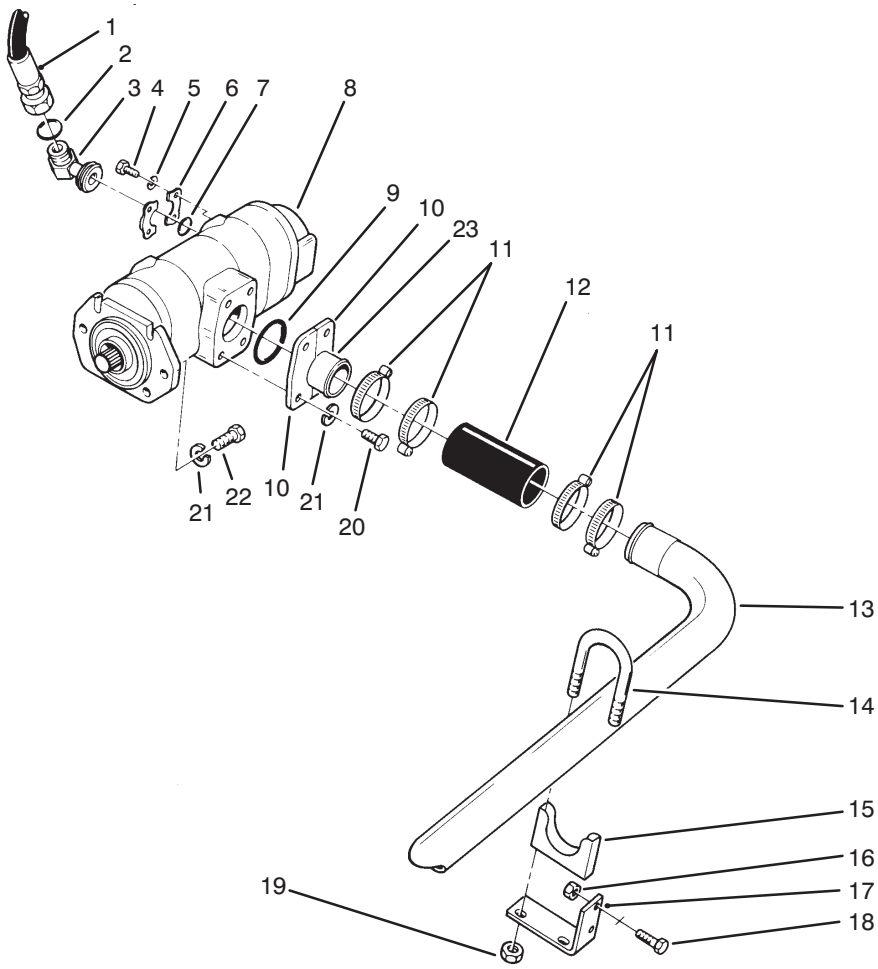
T–0367A

HYDRAULIC FILTER ASSEMBLY

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

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

†Not serviceable separately.



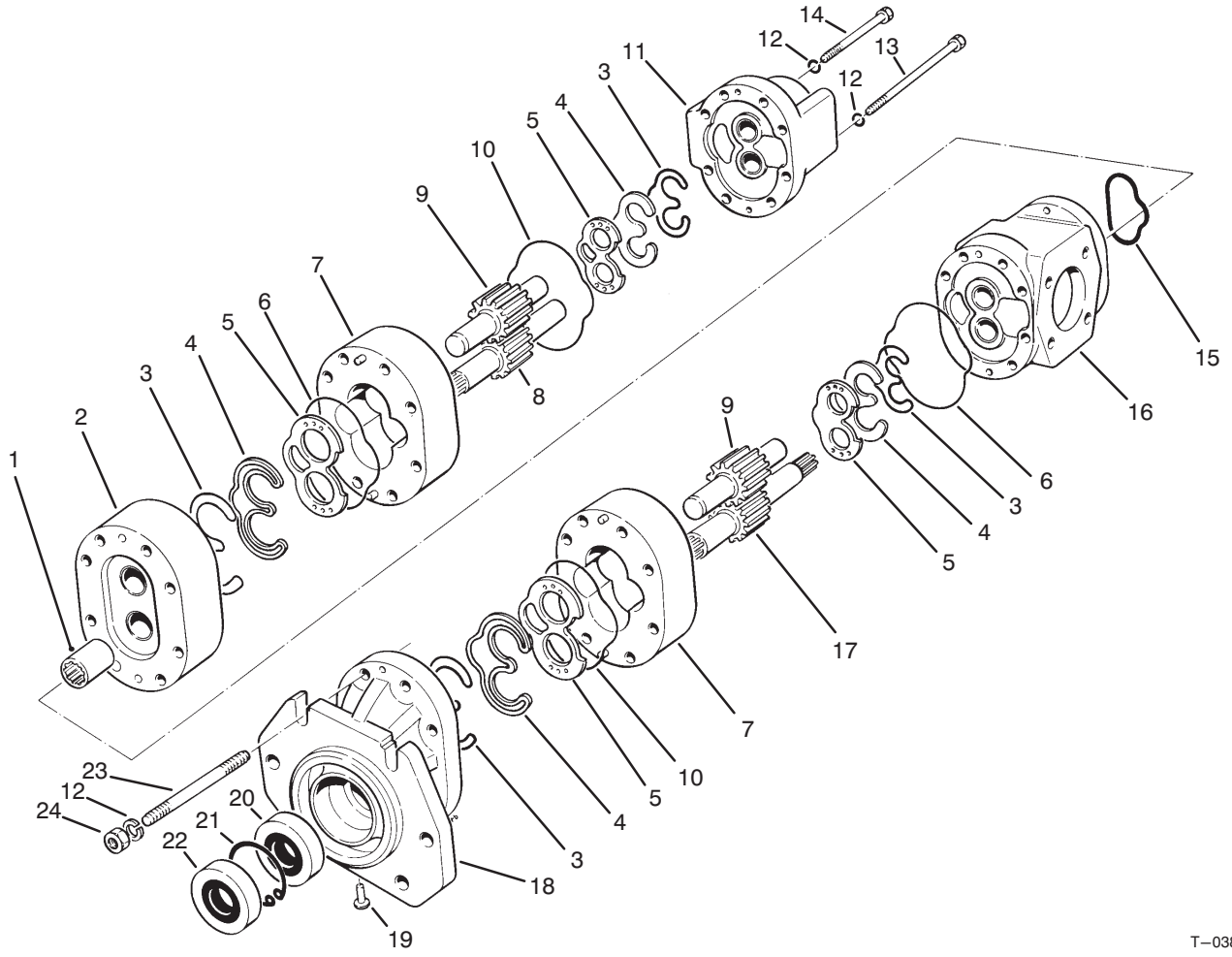
T–0349

HYDRAULIC PUMP INSTALLATION ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	69–5590	Hydraulic Hose Assembly	2
2	237–58	Seal – O–Ring	2
3	69–6240	Fitting – Hydraulic 90° (Incl. Ref # 2 & 7)	2
4	323–7	Screw – Cap Hex. Hd.	8
5	3253–21	Washer – Lock	8
6	353–992	Flange – Fitting	4
7	340–135	Seal – O–Ring	2
8	69–2050	Hydraulic Pump Assembly	1
9	237–116	Seal – O–Ring	1
10	354–42	Flange – Half	2
11	2412–42	Clamp – Hose	4
12	69–5640	Hose – Hydraulic	1

Ref. No.	Part No.	Description	No. Used
13	69–6110	Hydraulic Tube Assembly	1
†14		Bolt – U	2
15	20–4840	Clamp – Tube (Incl. Ref. #14 & 19)	2
16	32152–2	Nut – Lock	4
17	69–9220	Support – Tube Clamp	2
18	323–6	Screw – Cap Hex. Hd.	4
19	32128–25	Nut – Lock	4
20	325–6	Screw – Cap Hex. Hd.	4
21	3253–7	Washer – Lock	8
22	3213–2	Screw – Cap Hex. Hd.	4
23	74–2270	Fitting – Suction	1

†Not serviceable separately.



T–0382

DOUBLE GEAR PUMP NO. 69–2050

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

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

T–0357C

FRAME ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	85–6190	Link – Deck Tilt	1
2	3290–495	Pin – Lynch	2
3	340–126	Nut – Bulkhead	2
4	340–70	Nut – Bulkhead	6
5	69–8940	Washer	12
6	240–4	Grommet	6
7	340–71	Fitting – Hydraulic Bulkhead (Incl. Ref. #32)	1
8	237–30	Seal – O–Ring	3
9	92–4967	Tube – Hydraulic (Incl. Ref. #8)	1
10	3234–28	Screw – Hex. Flange Hd.	2
11	93–7422	Hose – Hydraulic	1
12	353–375	Fitting – Hydraulic 90° (Incl. Ref. #13)	2
13	237–78	Seal – O– Ring	5
14	237–58	Seal – O– Ring	4
15	3274–86	Screw – Cap Socket Hd.	1
16	69–5470	Hose – Hydraulic	1
17	69–5480	Hose – Hydraulic	1
18	237–65	Seal – O–Ring	6
19	93–7177	Assy. – Tube, Traction L.H.	1
20	83–8350	Fitting – Traction, L.H. (Incl. Ref. #14 & 18)	1
21	93–7178	Assy. – Tube, Traction R.H.	1
22	69–6200	Tube – Hydraulic (Incl. Ref. #18)	1
23	69–6190	Tube – Hydraulic (Incl. Ref. #18	1
24	71–2450	Cover – Access	1
25	3234–14	Screw – Hex. Flange Hd.	4
26	69–8930	Washer	4
27	69–8960	Spacer	2
28	240–5	Grommet	2
29	340–127	Nut – Bulkhead	2
30	85–6150	Tube – Hydraulic	1
31	69–8970	Spacer	6
32	237–22	Seal – O–Ring	7
33	69–6050	Tube – Hydraulic (Incl. Ref. #32)	1
34	69–6040	Tube – Hydraulic (Incl. Ref. #32)	1
35	69–6030	Tube – Hydraulic (Incl. Ref. #32)	1
36	32152–1	Nut – Lock	1
37	69–5790	Tube – Hydraulic (Incl. Ref. #8)	1
38	69–6060	Tube – Hydraulic (Incl. Ref. #32)	1
39	93–7426	Tube – Hydraulic (Incl. Ref. #32)	1

*Not Illustrated

T–0357C

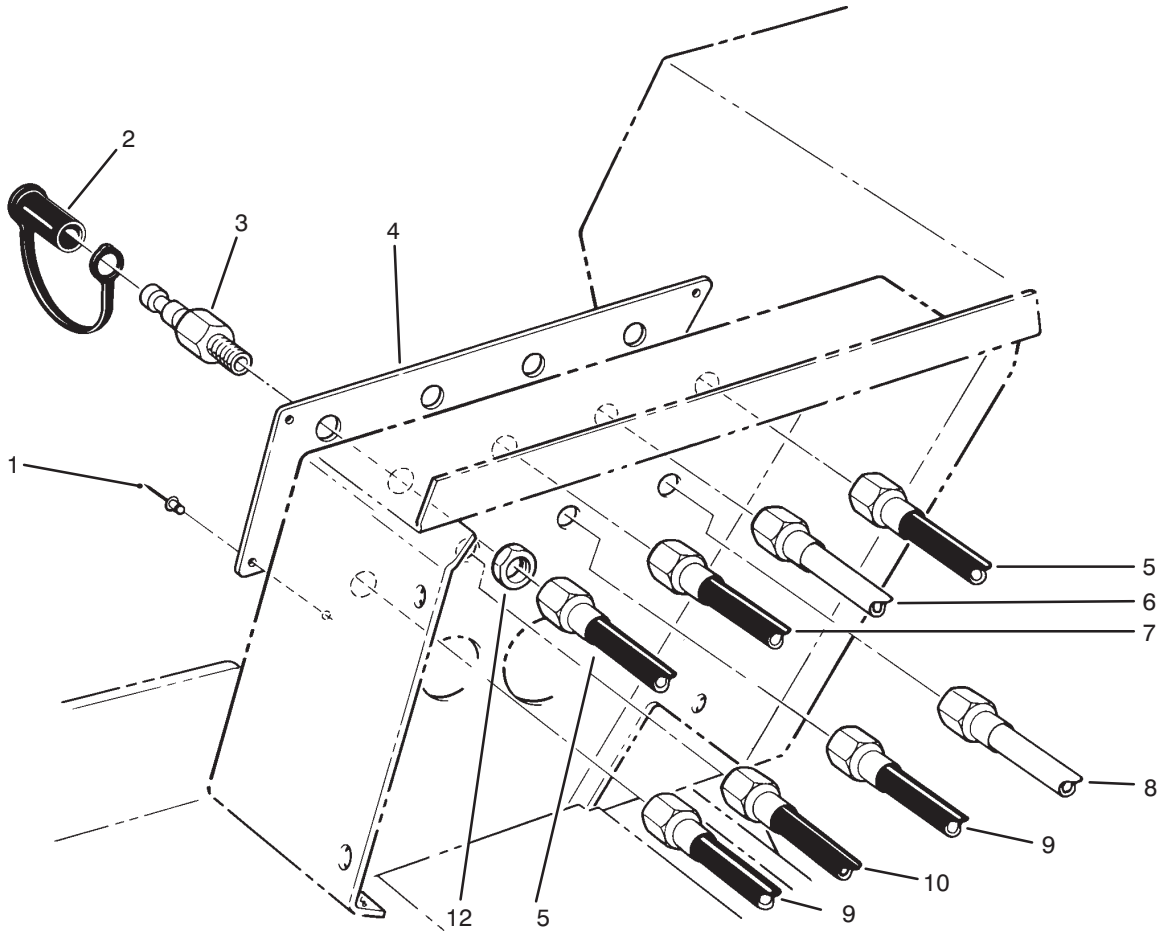
FRAME ASSEMBLY (Continued)

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

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

*Not Illustrated

†Not serviceable separately.



T–0363B

HYDRAULIC SYSTEM DIAGNOSTIC PANEL ASSEMBLY

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

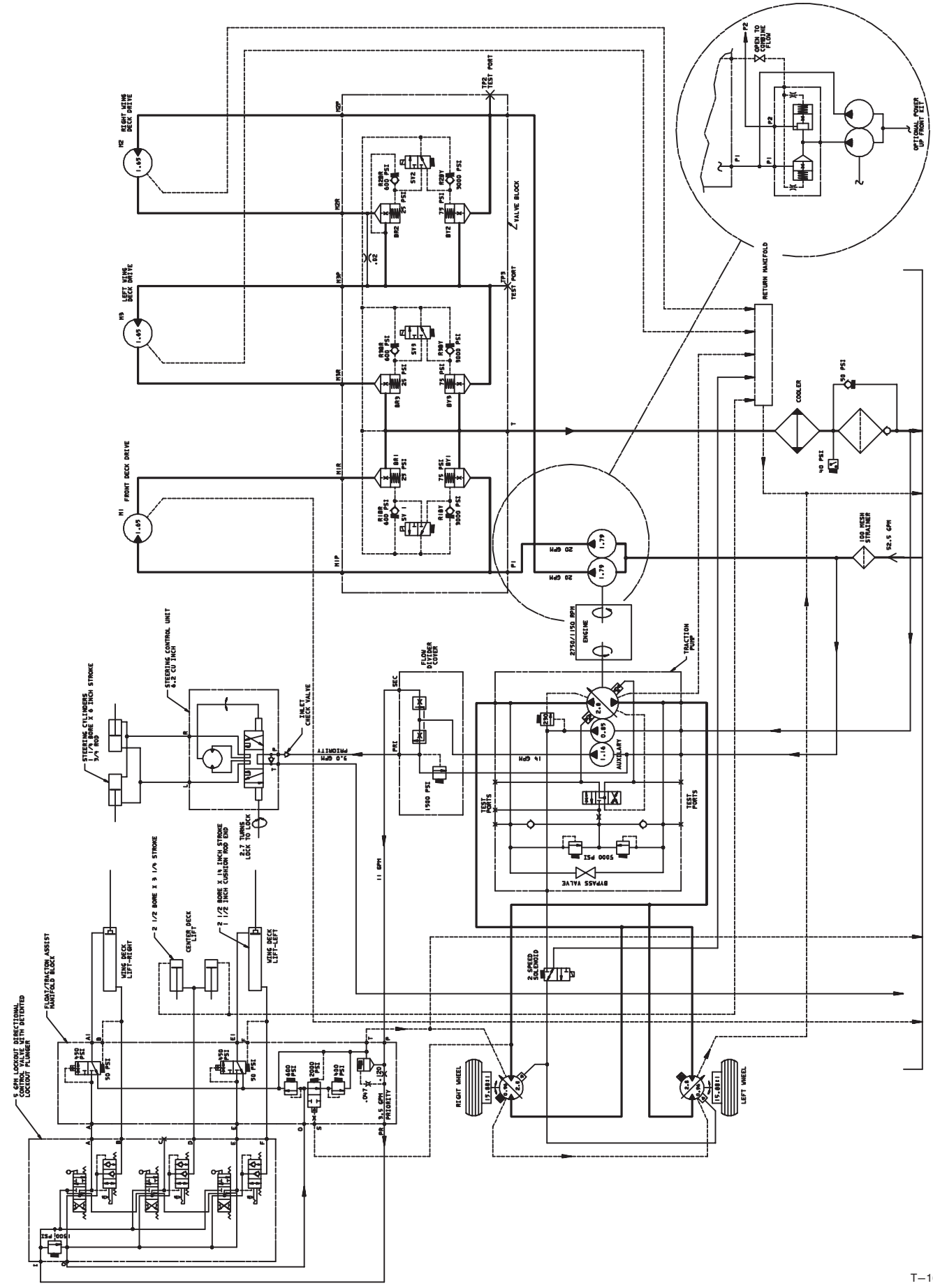
Ref. No.	Part No.	Description	No. Used
6	69–5910	Tube – Hydraulic Diagnostic	1
7	93–7193	Hose – Hydraulic Diagnostic	1
8	69–5920	Tube – Diagnostic	1
9	93–7423	Hose – Hydraulic Diagnostic	2
10	93–7425	Hose – Hydraulic Diagnostic	1
12	3220–4	Nut – Bulkhead	8

T–0358A

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
23	322–21	Screw – Cap Hex. Hd.	3
24	3256–23	Washer – Flat	1
25	56–7978	Clamp Half – Hydraulic Line	8
26	56–7971	Clamp Half – Hydraulic Line	2
27	93–7179	Tube – Hydraulic (Incl. Ref. #29)	1
28	69–5800	Tube – Hydraulic (Incl. Ref. #29)	1
29	237–21	Seal – O–Ring	4
30	69–8980	Washer	8
31	240–6	Grommet	4
32	240–7	Grommet	1
33	69–8990	Spacer	4
34	340–78	Nut – Bulkhead	4
35	69–6080	Tube – Hydraulic (Incl. Ref. #29)	1
36	69–6070	Tube – Hydraulic (Incl. Ref. #29)	1
37	32128–20	Nut – Lock	4
38	71–2560	Support – Bulkhead	2
39	69–0940	Decal – Caution	1

HYDRAULIC SCHEMATIC



T–1656

T−0342C

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
21	237−158	Seal − O−Ring	4
22	253−156	Seal − Oil	2
23	251−340	Bearing − Ball	2
24	32120−22	Ring − Retaining Internal	2
25	302−39	Vent	2
26	3253−8	Washer − Lock	16
27	327−22	Screw − Cap Hex. Hd.	16
28	69−9800	Tire	2
*	58−5620	Tube − Inner	2
*	231−140	Tire − (Optional)	2
29	71−2470	Rim	2
30	3253−7	Washer − Lock	22
31	3219−5	Nut − Hex.	18
32	69−1730	Planetary Gear Drive Assy.	2
33	32120−84	Ring − Retaining External	2
34	71−3810	Coupling − Hydraulic Motor	2
35	69−9970	Stud	4
36	69−9960	Link	4
37	69−9950	Spring − Extension	4
38	69−9990	Disc − Actuating	4
39	69−9980	Ball	6
40	69−9940	Nut − Jam	4
41	253−157	Ring − Cup	8
42	92−1741	Tube − Hydraulic	1
43	340−142	Fitting − Hydraulic Elbow (Incl. Ref. #9 & 11)	2
44	69−3050	Motor − Hydraulic Wheel	2
45	3256−26	Washer − Flat	4

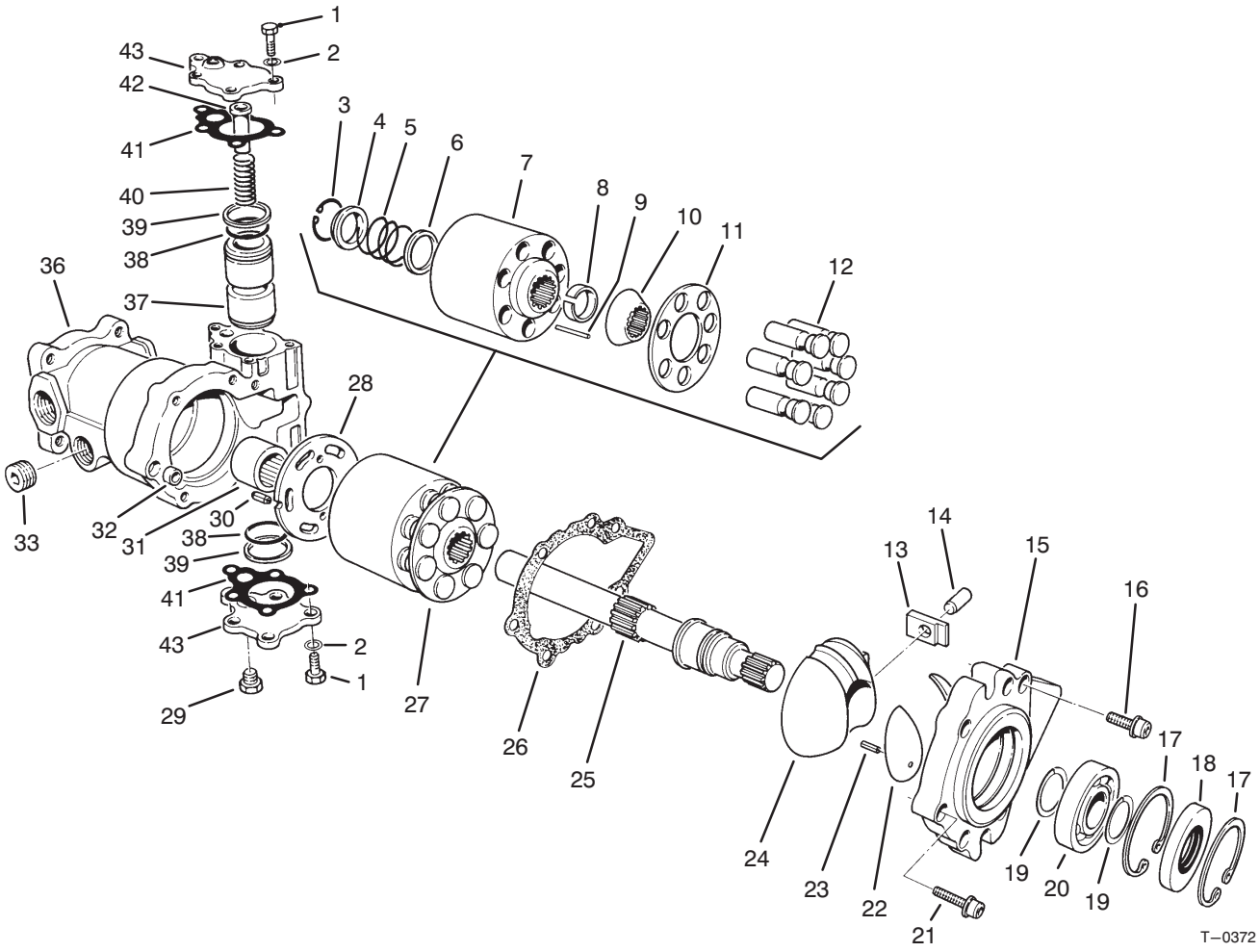
*Not Illustrated

T–0342C

FRONT WHEEL ASSEMBLY (Continued)

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

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

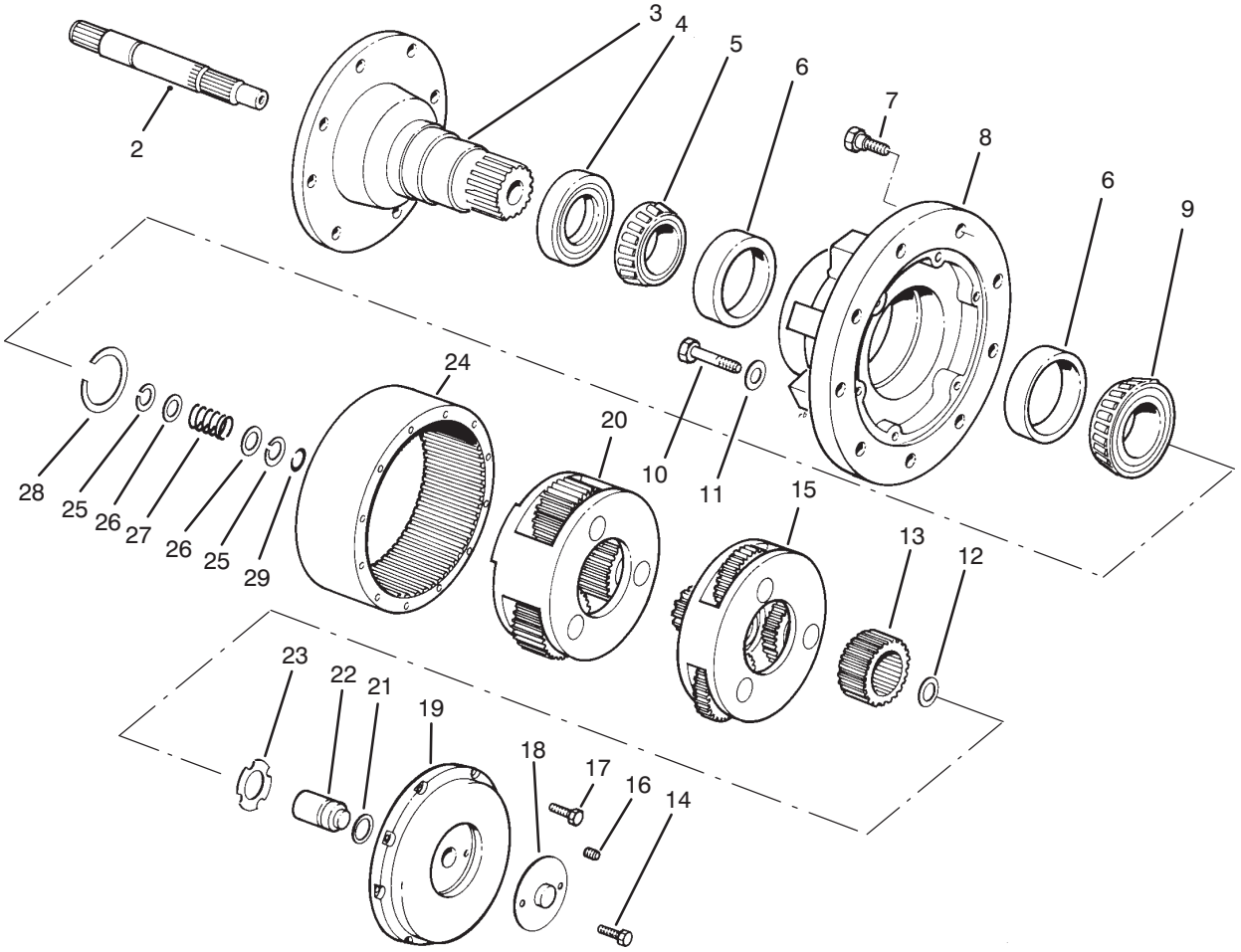


WHEEL MOTOR NO. 69–3050

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

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

*Not Illustrated
†Not serviceable separately.



T–0140

PLANETARY GEAR ASSEMBLY NO. 69–1730

Ref. No.	Part No.	Description	No. Used
2	60–3810	Shaft – Input	1
3	69–1740	Spindle	1
4	60–3830	Seal – Oil	1
5	60–3840	Cone – Bearing	1
6	60–3850	Cup – Bearing	2
7	60–3860	Bolt – Wheel	9
8	60–3870	Hub	1
9	60–3880	Cone – Bearing	1
10	60–3890	Bolt – Hex. Hd.	6
11	60–3910	Washer – Flat	6
12	60–3980	Washer – Thrust	1
13	60–3970	Gear – Primary Sun	1
14	60–4070	Bolt – Hex. Hd.	2
15	60–3960	Primary Carrier Assembly	1

Ref. No.	Part No.	Description	No. Used
16	60–4040	Plug – Pipe	1
17	60–4030	Bolt – Hex. Hd.	8
18	60–4060	Cover – Disengage	1
19	60–4050	Cover – Large	1
20	60–4000	Secondary Carrier Assy.	1
21	60–4020	Seal – O–Ring	1
22	60–4010	Plunger – Disengage	1
23	60–3990	Washer – Thrust	1
24	60–3900	Gear – Ring	1
25	60–3930	Ring – Retaining	2
26	60–3940	Washer	2
27	60–3950	Spring – Disengage	1
†28	62–6450	Kit – Retaining Ring	1
*	62–6460	Sealant – RTV (Tube)	1

*Not Illustrated

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

T–1277A

WHEEL BRAKE ASSEMBLY

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

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

*Not Illustrated

T–0350B

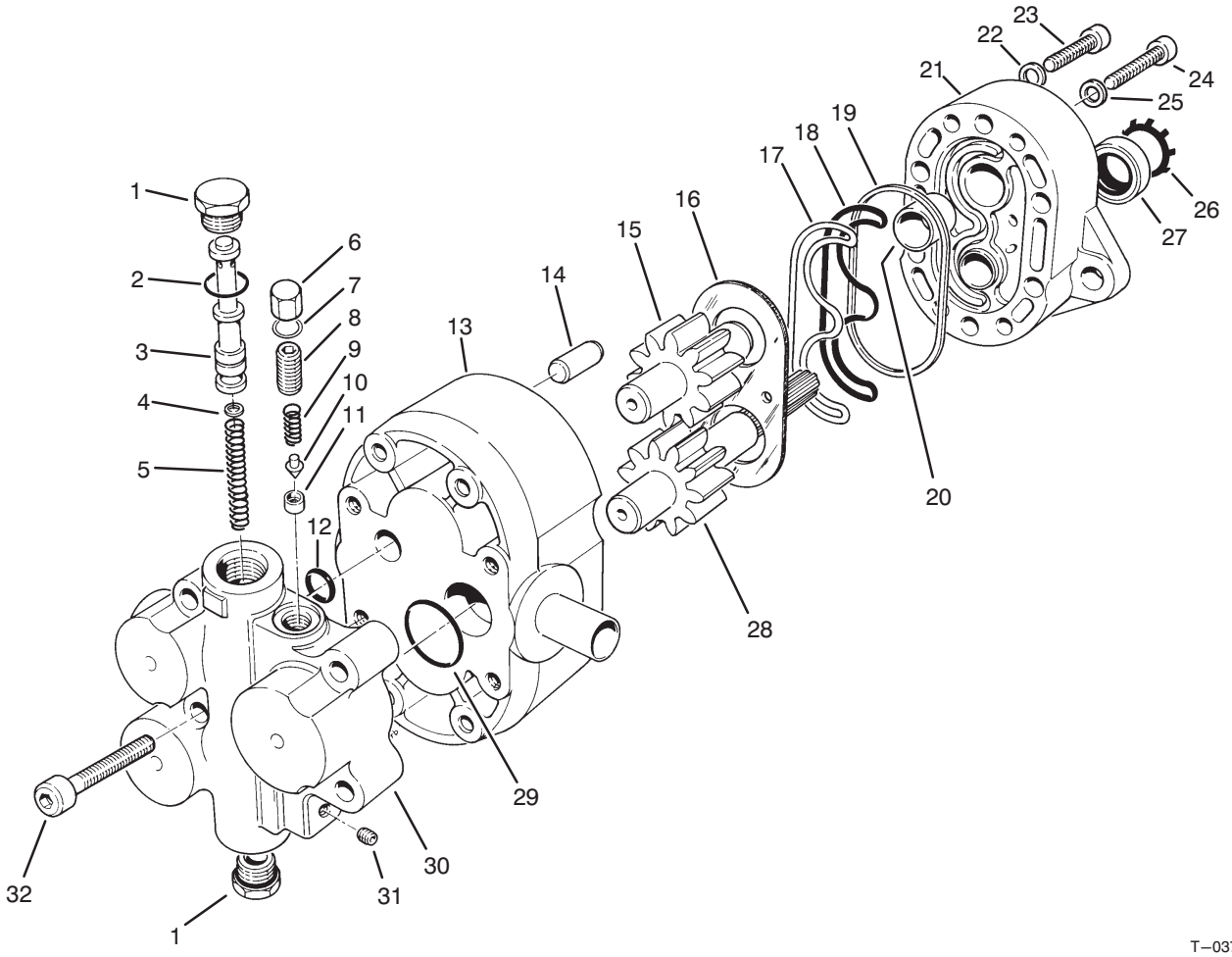
VARIABLE DISPLACEMENT PUMP INSTALLATION

Ref. No.	Part No.	Description	No. Used
1	93–9322	Variable Displacement Pump	1
2	32128–21	Nut – Flange Lock	2
3	93–7189	Yoke – Pump End	1
4	93–7191	Tube – Slip Yoke	1
5	302–2	Fitting – Grease	1
6	93–7188	Shaft – Slip Yoke	1
7	93–7190	Kit – Universal Joint	2
8	93–7187	Yoke – Engine End	1
9	48–9570	Washer – Lock	8
10	48–7710	Screw – Cap Hex. Hd.	8
11	3274–20	Screw – Hex. Socket Hd.	2
12	325–7	Screw – Cap Hex. Hd.	2
13	3253–7	Washer – Lock	2
14	3217–9	Nut – Hex.	2
15	237–81	Seal – O–Ring	1
16	340–131	Fitting – Hydraulic Elbow (Incl. Ref. #15 & 17)	1
17	237–30	Seal – O–Ring	2
18	69–5460	Hose – Hydraulic	1
19	237–146	Seal – O–Ring	3
20	340–15	Fitting – Hydraulic Elbow (Incl. Ref. #19 & 21)	3
21	237–58	Seal – O–Ring	3
22	69–5650	Hose – Hydraulic	1
23	237–42	Seal – O–Ring	1
26	69–9020	Nut – Special	1
27	32152–4	Nut – Lock	2
28	69–9480	Bracket – Neutral Device	1
29	3219–2	Nut – Hex.	1
30	32144–1	Screw – Hex. Hd.	2
31	69–9040	Cam – Neutral Device	1
32	3253–21	Washer – Lock	3
33	3231–30	Bolt – Carriage	1
34	3217–7	Nut – Hex.	1
35	93–9337	Bracket – Switch	1
36	3234–13	Screw – Hex. Flange Hd.	4
37	32127–11	Nut – Flexlok	2
38	29–6170	Leaf Spring Assembly	1
39	322–17	Screw – Cap Hex. Hd.	1
40	3210–7	Screw – Cap Hex. Hd.	1
41	251–259	Bearing – Neutral Detent	1
42	321–4	Screw – Cap Hex. Hd.	2
43	29–6150	Spring – Leaf	1
44	32153–3	Nut – Lock	1
45	69–9050	Bar – Neutral Device	1
46	3253–3	Washer – Lock	2
47	321–10	Screw – Cap Hex. Hd.	2
48	340–134	Fitting – Hydraulic Elbow (Incl. Ref. #23)	1
49	41–8760	Gasket – Pump	1
50	93–7424	Hose – Hydraulic	1
51	323–7	Screw – Cap Hex. Hd	2
52	69–2220	Pump/Valve	1
53	327–80	Seal – O–Ring	2

T–0350B

VARIABLE DISPLACEMENT PUMP INSTALLATION (Cont.)

Ref. No.	Part No.	Description	No. Used
54	340–130	Fitting – Hydraulic Elbow (Incl. Ref. #25 & 53)	1
55	340–105	Fitting – Hydraulic Elbow (Incl. Ref. #17 & 53)	1
56	69–5450	Hose – Hydraulic	1
57	69–5470	Hose – Hydraulic	1
58	69–5440	Hose – Hydraulic	1
59	69–5480	Hose – Hydraulic	1
60	51–3150	Shim – Spring	A/R
61	93–7037	Switch	1
*	93–3219	Pump Drive Shaft Assembly (Incl. Ref. #3–8)	1



T–0374

GEAR PUMP & FLOW DIVIDER NO. 69–2220

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

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

*Not Illustrated

T–0373

VARIABLE DISPLACEMENT PUMP NO. 93–9322

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

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

†Not serviceable separately.

T–0373

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

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

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

†Not serviceable separately.

T–0368

COWL ASSEMBLY

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

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

*Not Illustrated

T–0360A

HOOD ASSEMBLY

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

*Not Illustrated
†Not serviceable separately.

T–0359A

RADIATOR & OIL COOLER ASSEMBLY

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

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

T–0359A

RADIATOR & OIL COOLER ASSEMBLY (Continued)

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

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

T–0347B

ENGINE INSTALLATION ASSEMBLY

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

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

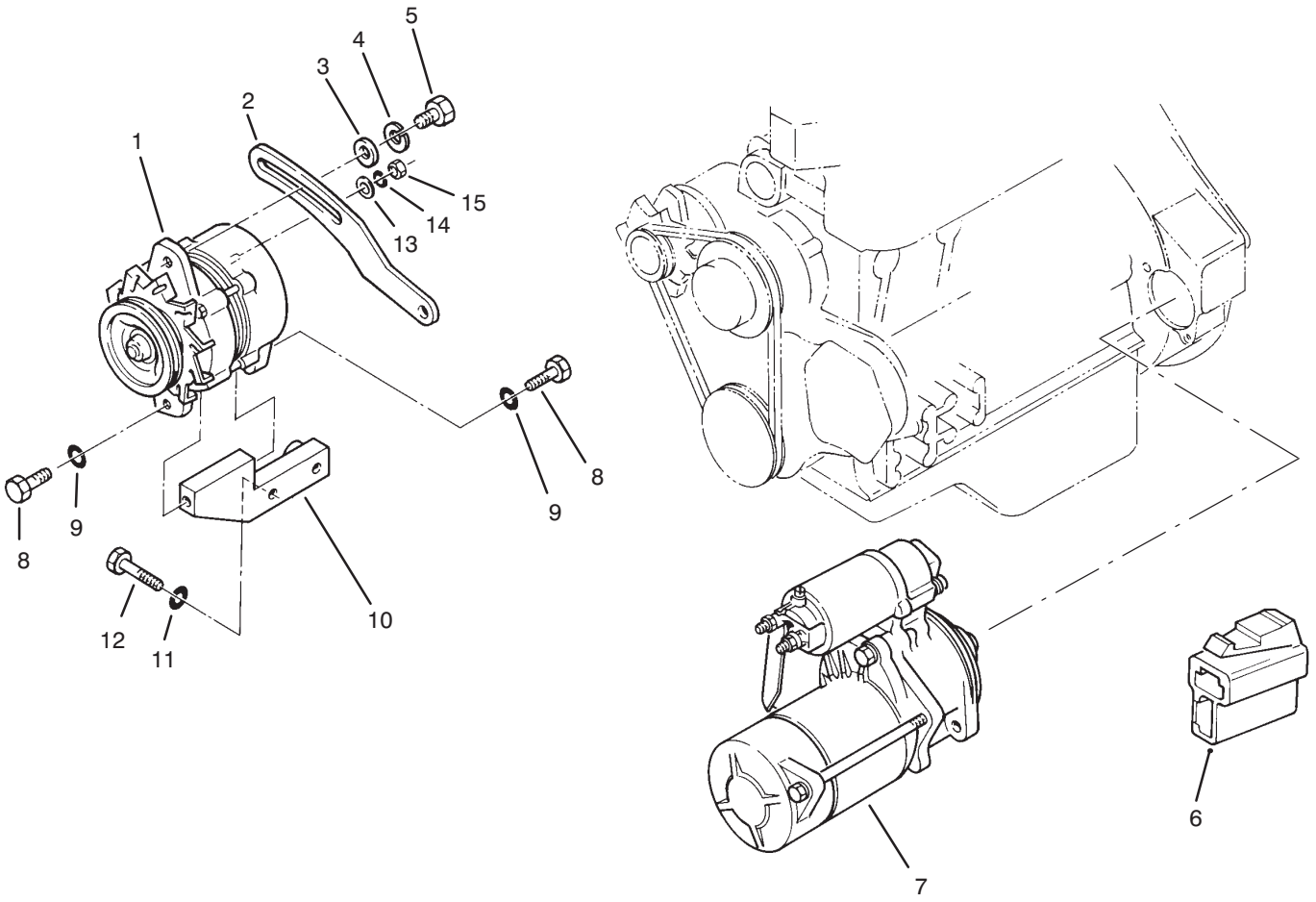
*Not Illustrated

T–0347B

ENGINE INSTALLATION ASSEMBLY (Continued)

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

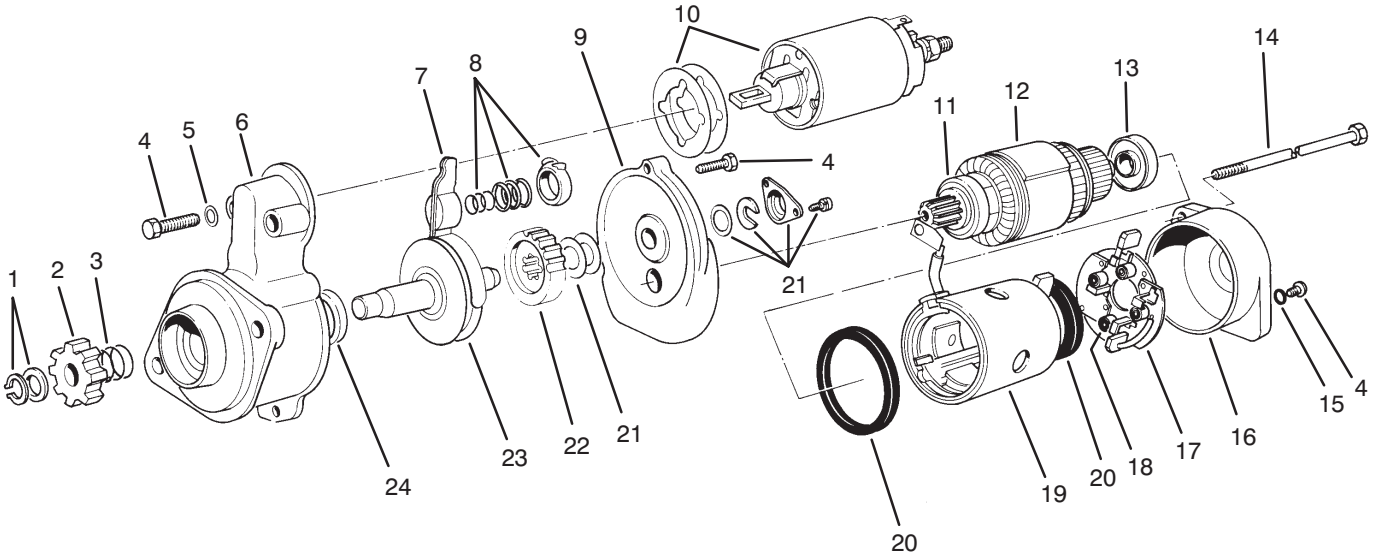
*Not Illustrated



STARTER & ALTERNATOR INSTALLATION ASSEMBLY

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

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



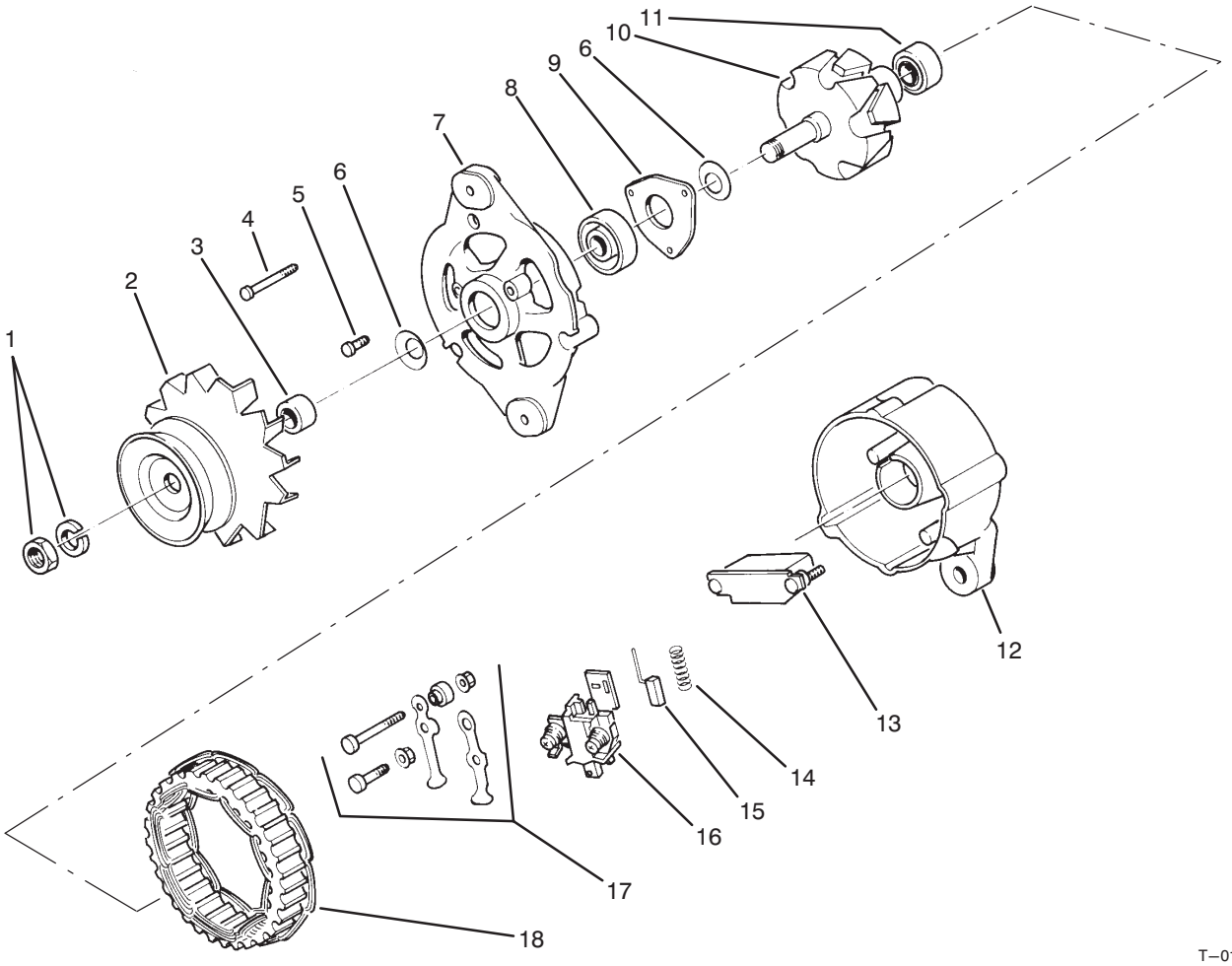
T—0160

STARTER MOTOR ASSEMBLY NO. 70—5860

Ref. No.	Part No.	Description	No. Used
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



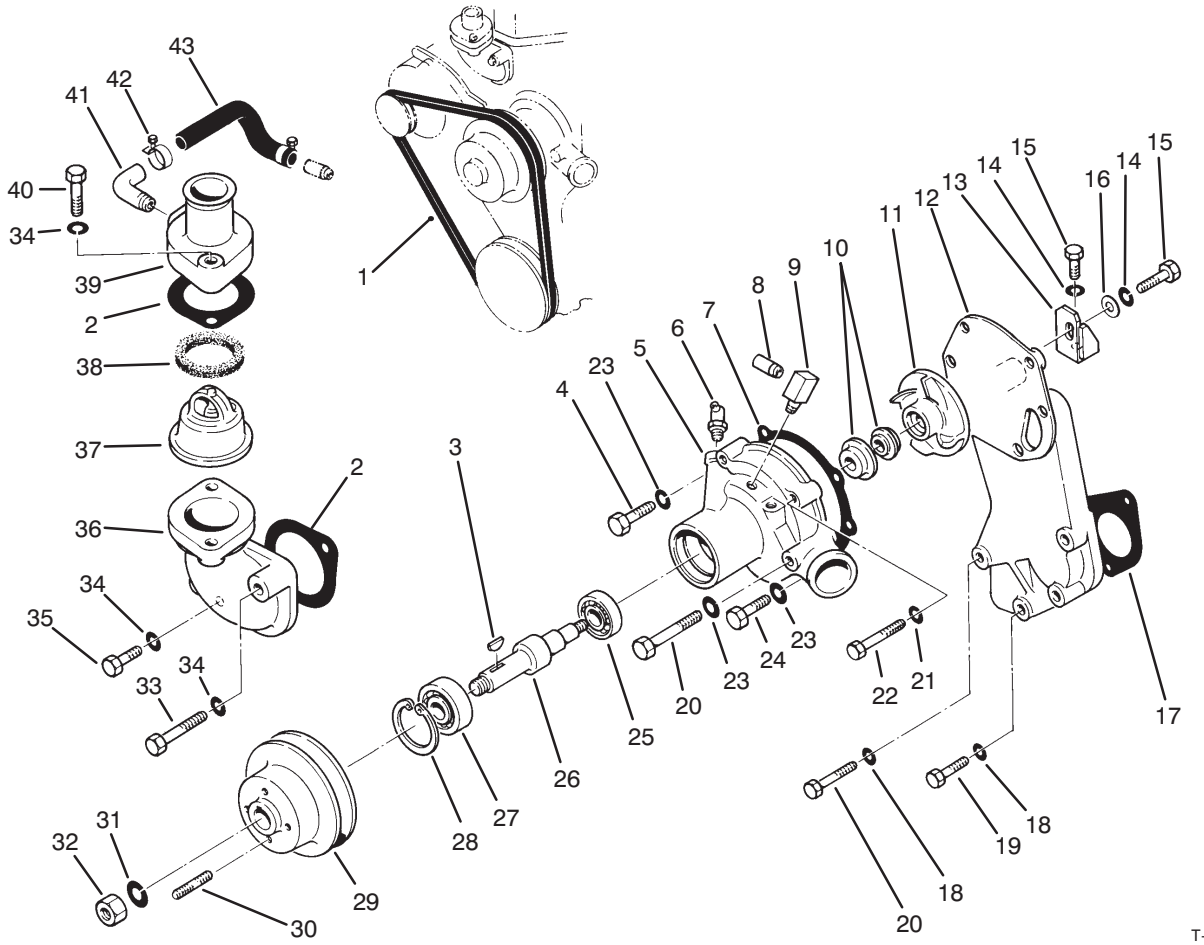
T–0161

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

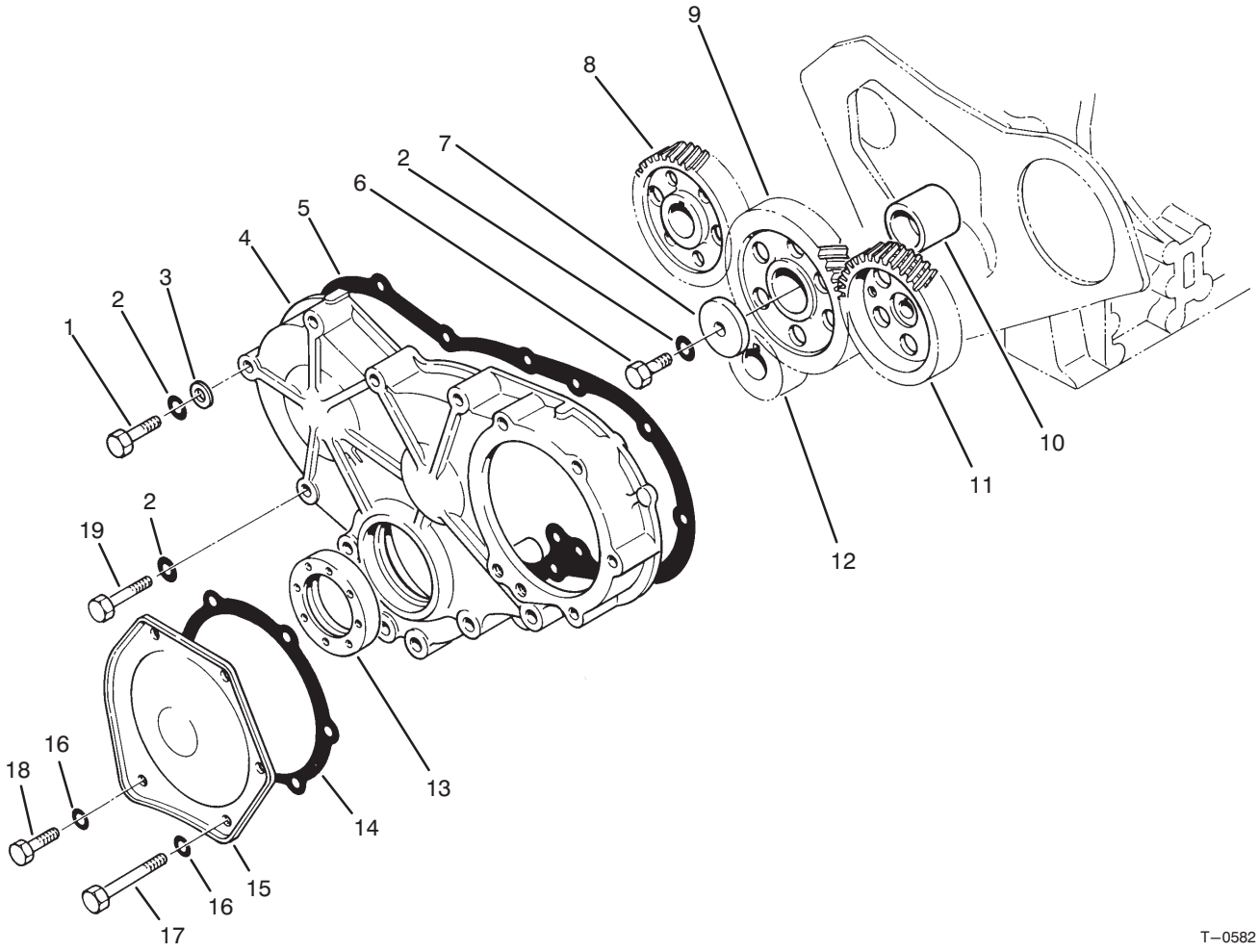


WATER PUMP ASSEMBLY

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

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

†Included in Gasket Set No. 70–6950



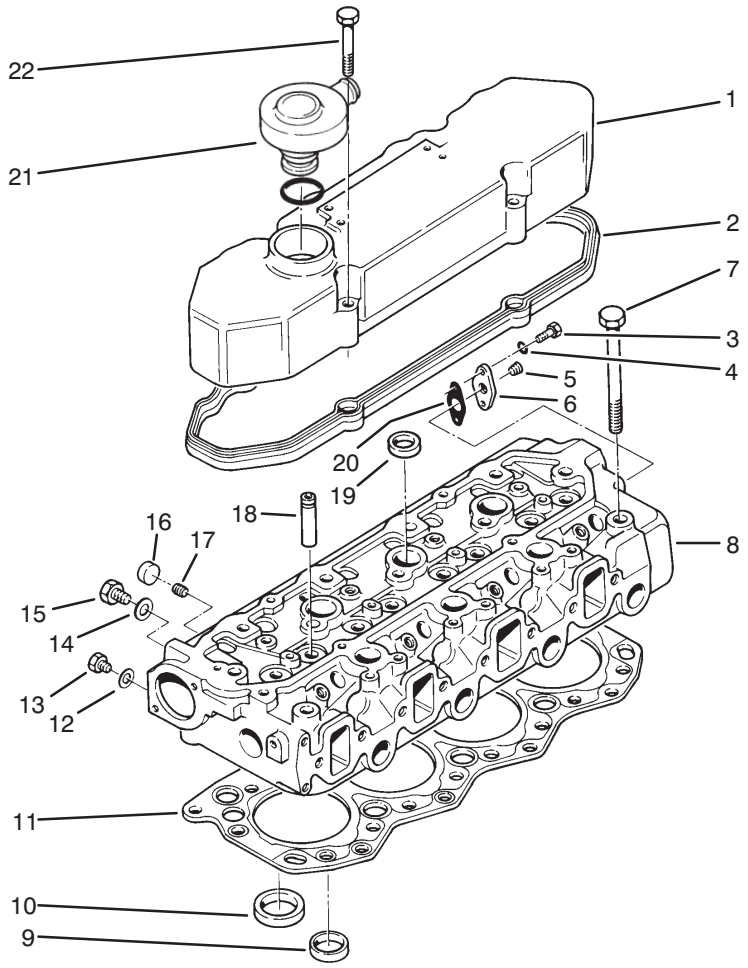
T–0582

TIMING GEAR CASE ASSEMBLY

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

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

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

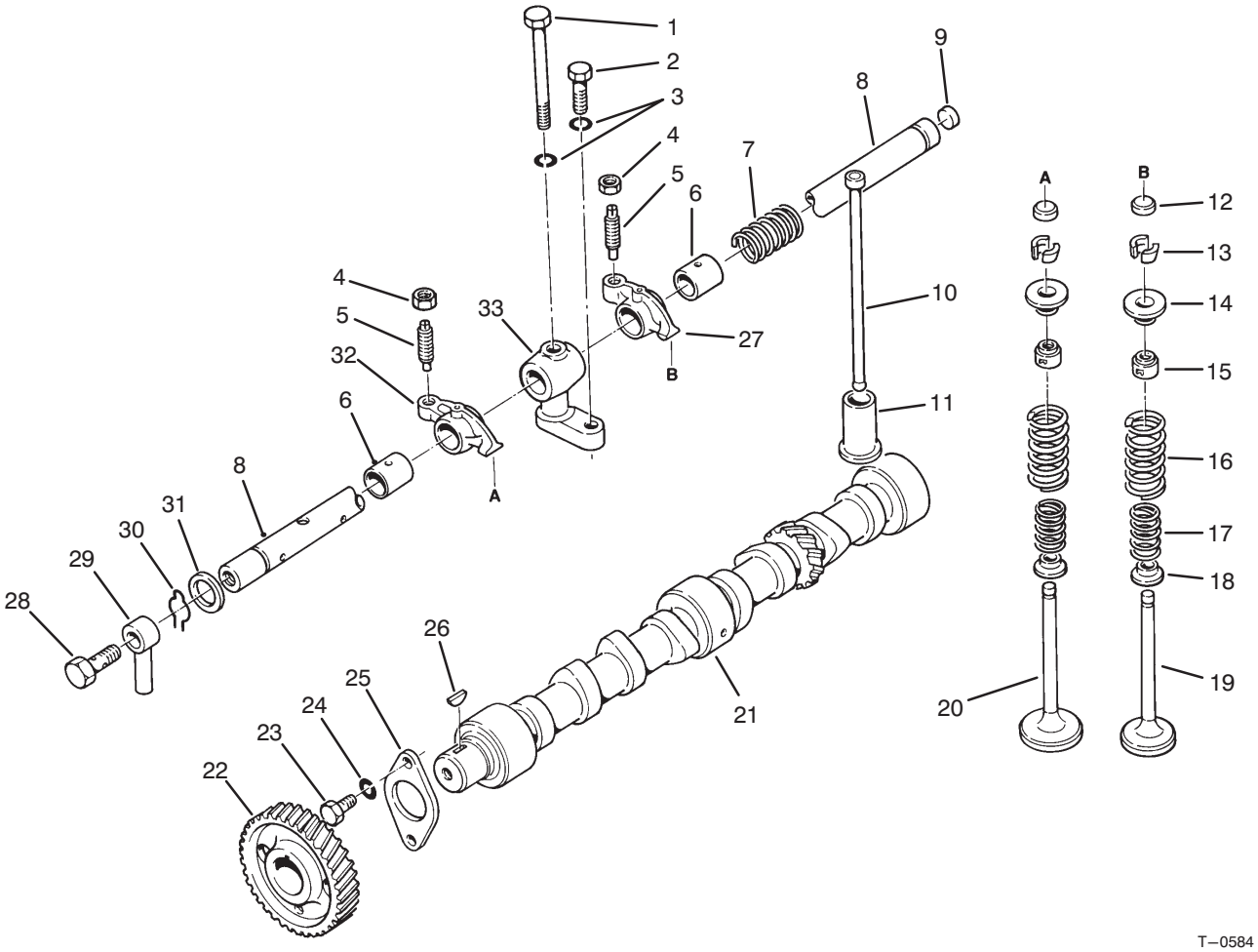


ROCKER COVER & CYLINDER HEAD ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	93–3681	Cover	1
†2	93–3682	Gasket	1
3	60–7280	Bolt	2
4	51–7250	Washer – Lock	2
5	70–5140	Plug	1
6	70–5890	Flange	1
7	63–4740	Bolt	17
8	70–5900	Cylinder Head Assembly (Incl. Ref. #3–6, 9–10 & 12–20)	1
9	70–5870	Insert – Exhaust	4
10	70–5880	Insert – Inlet	4

Ref. No.	Part No.	Description	No. Used
†11	70–5130	Gasket	1
†12	51–5840	Washer	1
13	70–3100	Plug	1
†14	51–6890	Gasket	1
15	70–3230	Plug	1
16	70–3360	Cap	4
17	70–3390	Plug	4
18	51–4950	Guide	8
19	70–3380	Cap	15
20	70–5090	Gasket	1
21	70–5570	Breather	1
22	70–2930	Bolt	4

†Included in Gasket Set No. 70–6950

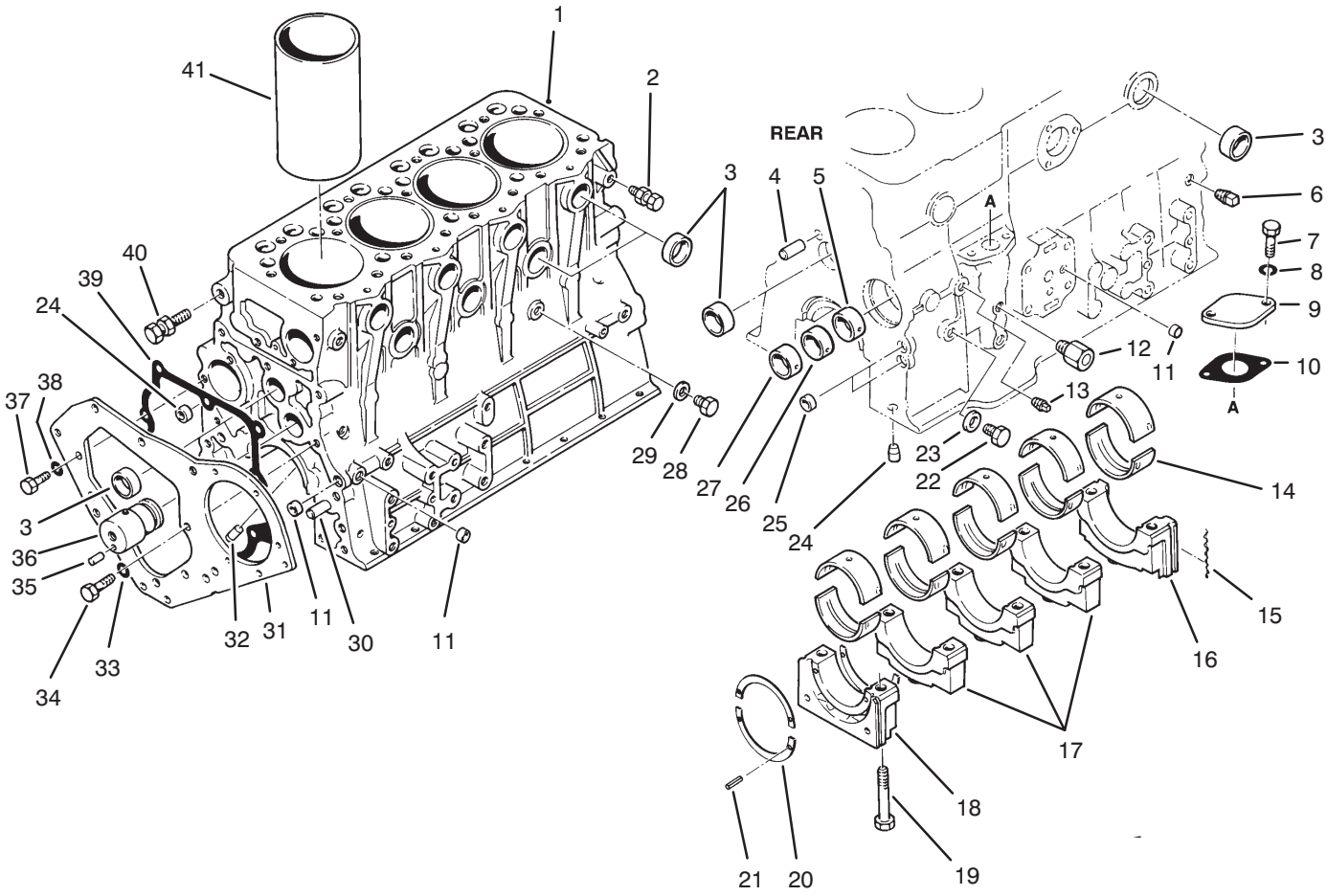


VALVE & CAMSHAFT ASSEMBLY

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

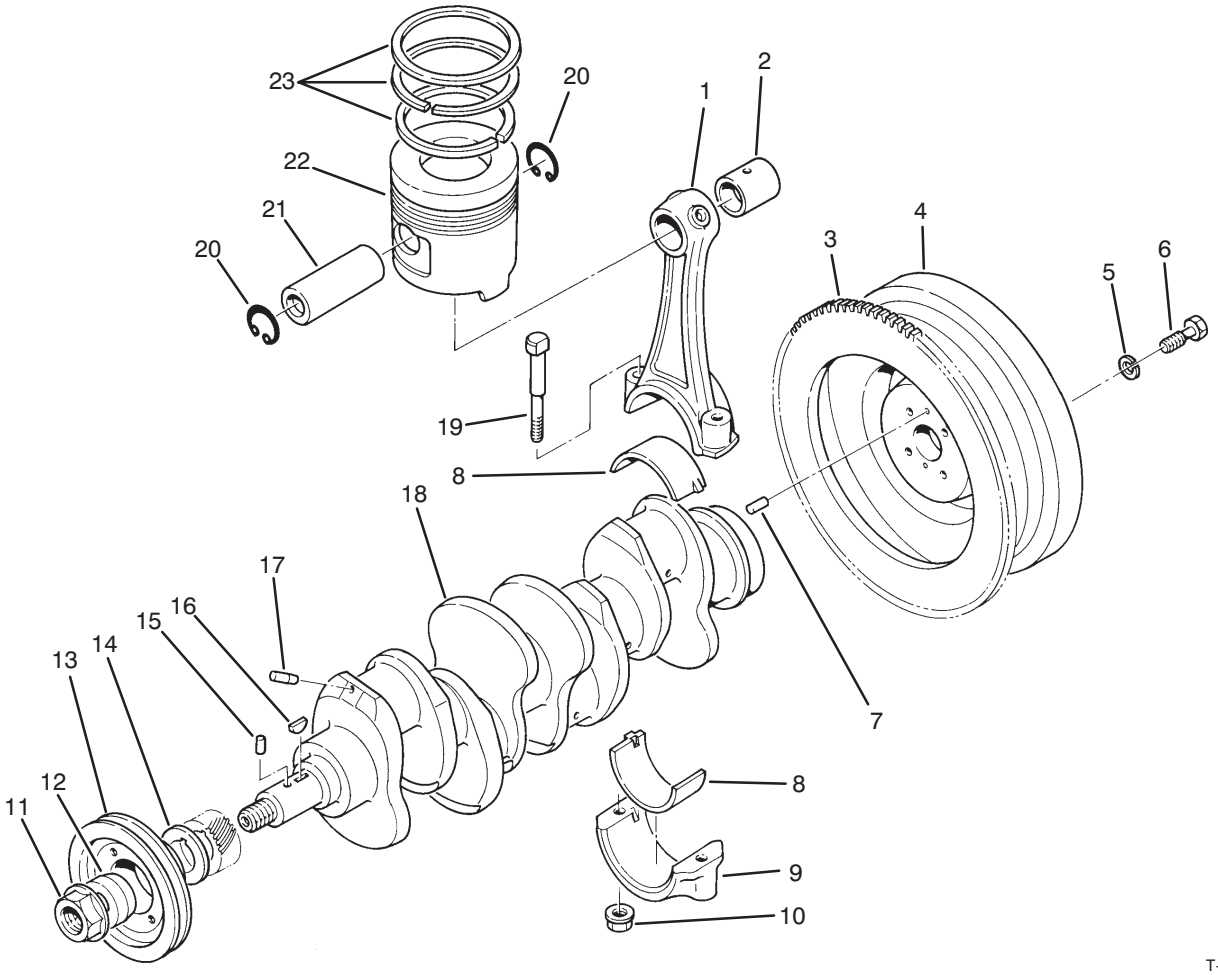


CRANKCASE ASSEMBLY

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

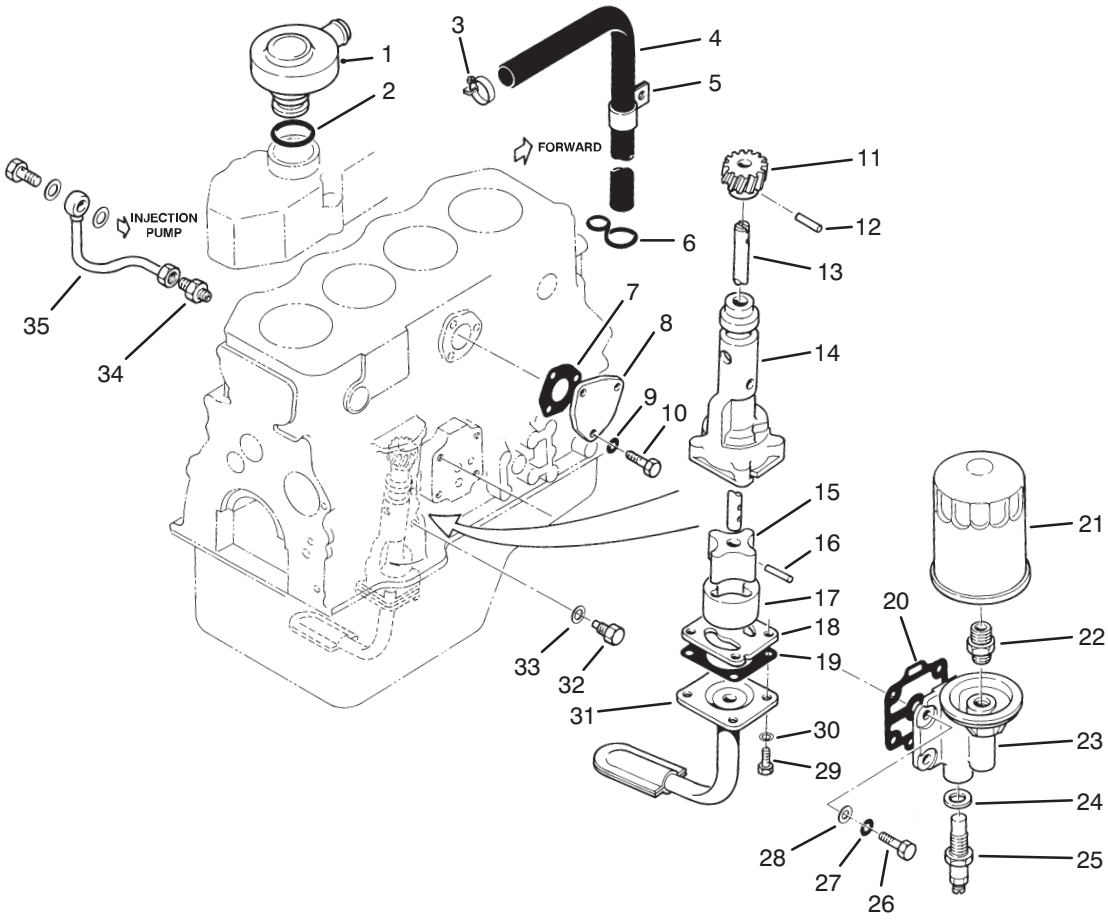


T−0586

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
16	51−5460	Key	1
17		Plug	2
18	70−6020	Crankshaft Assembly (Incl. Ref. #7, 11, & 15−17)	1
19	70−6010	Bolt	8
20	70−3020	Ring	8
21	70−5410	Pin	4
22	70−5980	Piston (Std.)	4
23	70−5400	Ring Set − Std.	4
*	70−5401	Ring Set − O.S. 0.25mm	4
*	70−5402	Ring Set − O.S. 0.50mm	4
*	70−5431	Bearing − Rod U.S. 0.25mm	4
*	70−5432	Bearing − Rod U.S. 0.50mm	4
*	70−5433	Bearing − Rod U.S. 0.75mm	4
*	70−5981	Piston − O.S. 0.25mm	4
*	70−5982	Piston − O.S. 0.50mm	4

*Not Illustrated



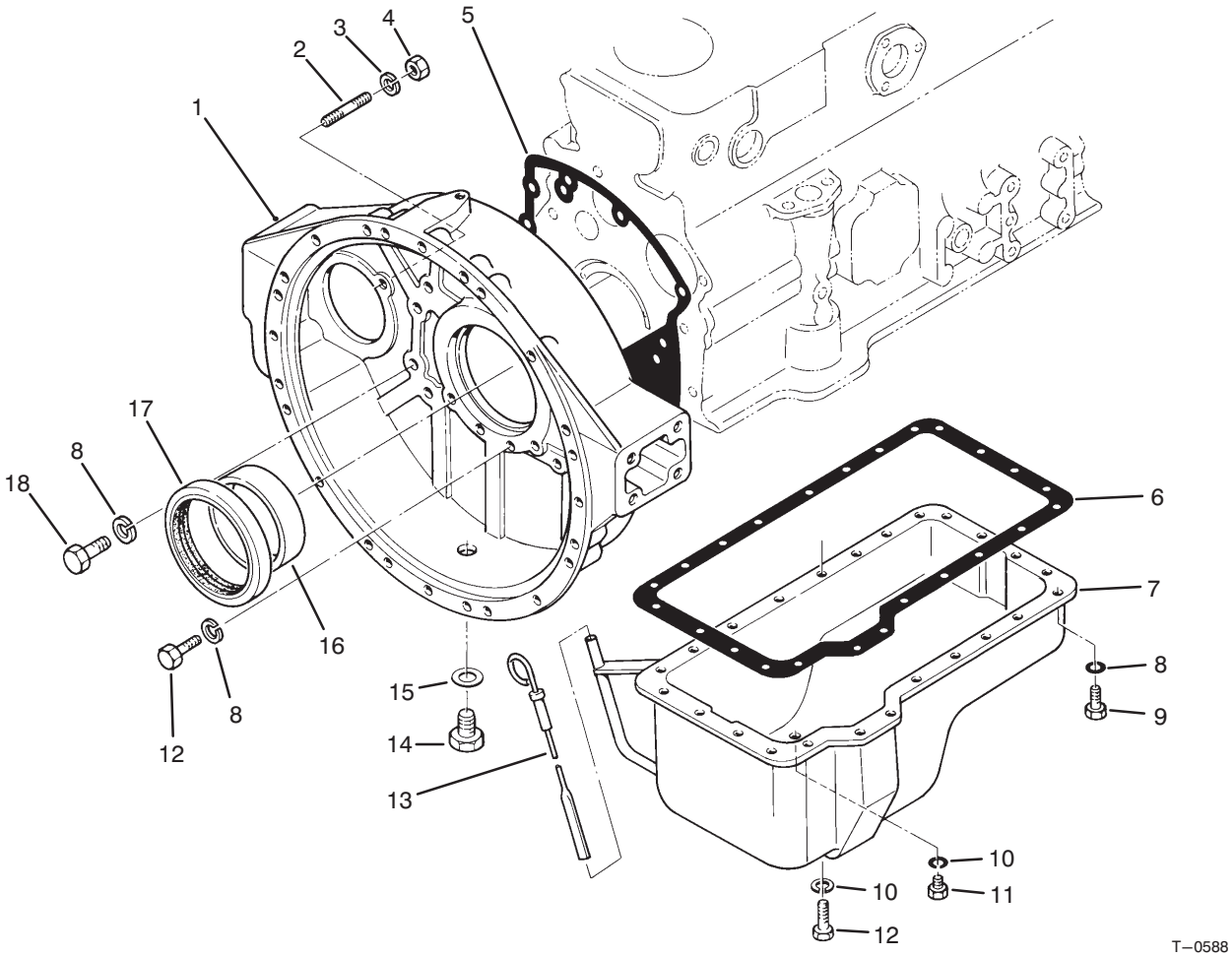
T–0587

OIL PUMP, BREATHER & FILTER

Ref. No.	Part No.	Description	No. Used
1	70–5570	Breather	1
†2	70–3220	O–Ring	1
3	70–3090	Clamp	1
4	70–3030	Tube	1
5	70–3420	Clip	1
6	70–5580	Stay	1
†7	70–5100	Gasket	1
8	70–5270	Cover	1
9	51–7250	Washer	3
10	60–7110	Bolt	3
11		Gear	1
12		Pin	1
13		Shaft	1
14	70–5840	Oil Pump Assembly (Incl. Ref. #11–13, 15–18 & 29–30)	1
15		Rotor	1
16		Pin	2
17		Rotor	1
18	70–5850	Cover	1

Ref. No.	Part No.	Description	No. Used
†19	70–5510	Gasket	1
†20	70–5550	Gasket	1
21	49–2500	Element Assembly	1
22	70–5520	Union	1
23	70–5530	Bracket Assembly (Incl. Ref. #22, 24 & 25)	1
24	51–6820	Washer	1
25	51–6830	Relief Valve Assembly	1
26	60–7480	Bolt	4
27	51–6390	Washer – Lock	4
28	70–2990	Washer	4
29	60–7290	Bolt	4
30	51–7400	Washer	4
31	70–5500	Strainer	1
32	70–5120	Bolt	1
†33	70–3070	Gasket	1
34	70–3340	Connector	1
35	70–5030	Pipe	1
*	70–5540	Oil Filter Assembly (Incl. Ref. #21–25)	1

†Included in Gasket Set No. 70–6950

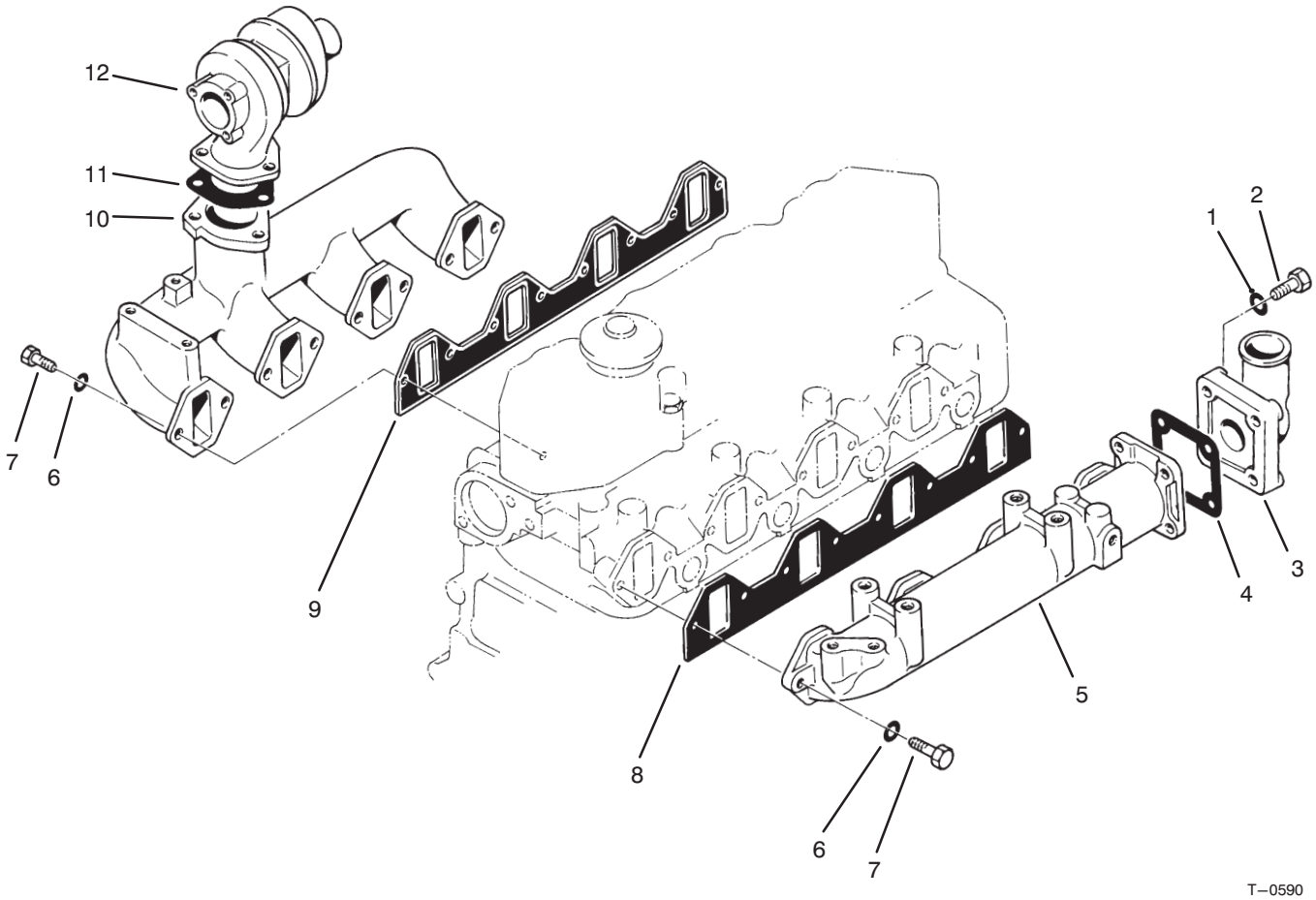


FLYWHEEL HOUSING & OIL PAN ASSEMBLY

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

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

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



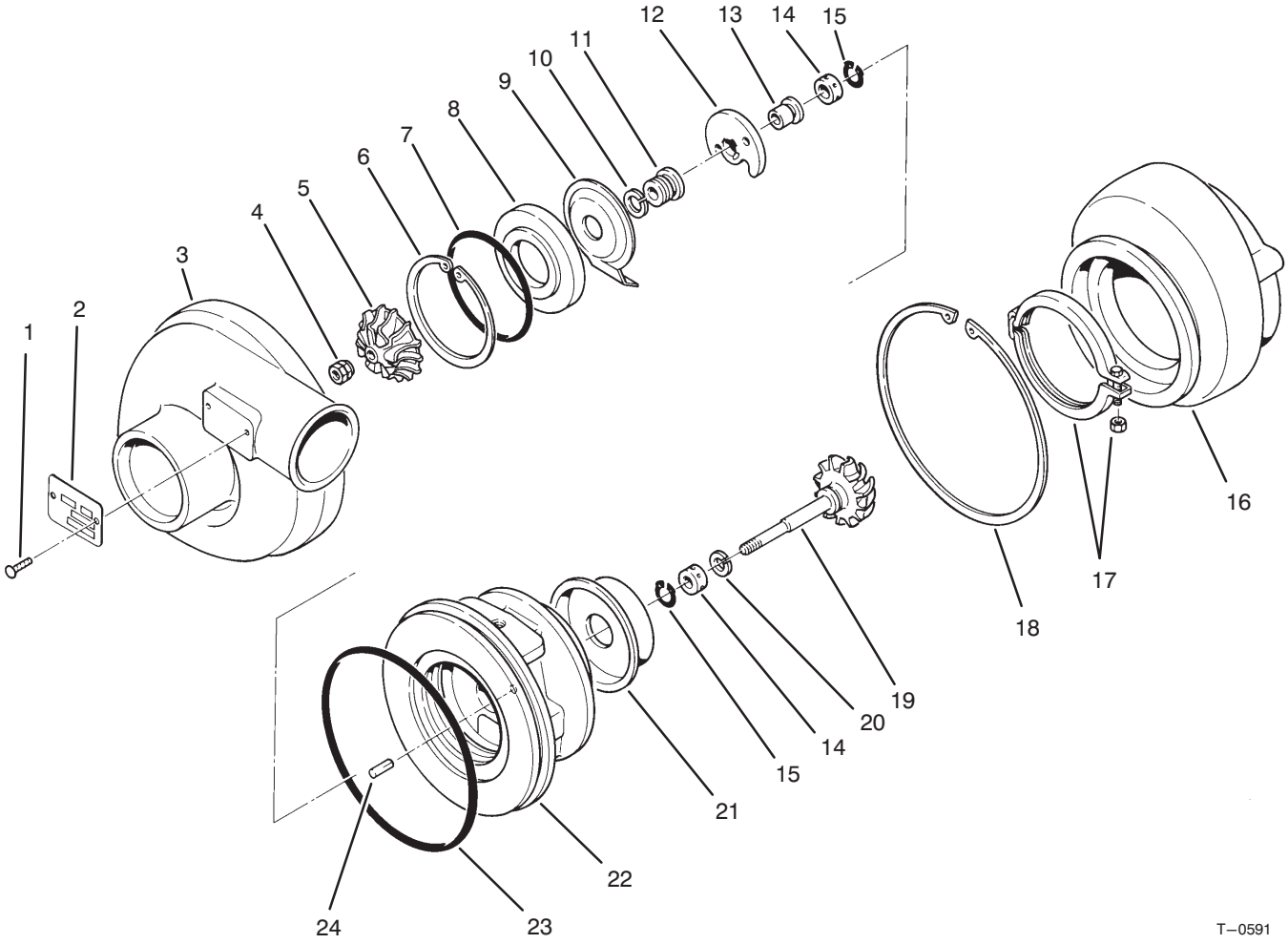
T–0590

INTAKE & EXHAUST MANIFOLD ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	51–7250	Washer	4
2	60–7370	Bolt	4
3	70–6090	Elbow	1
†4	70–3130	Gasket	1
5	70–6050	Manifold	1
6	51–7250	Washer	16

Ref. No.	Part No.	Description	No. Used
7	60–7370	Bolt	16
†8	70–6060	Gasket	1
†9	70–5460	Gasket	1
10	70–5470	Manifold	1
†11	70–6250	Gasket	1
12	70–6430	Turbocharger Assembly	1

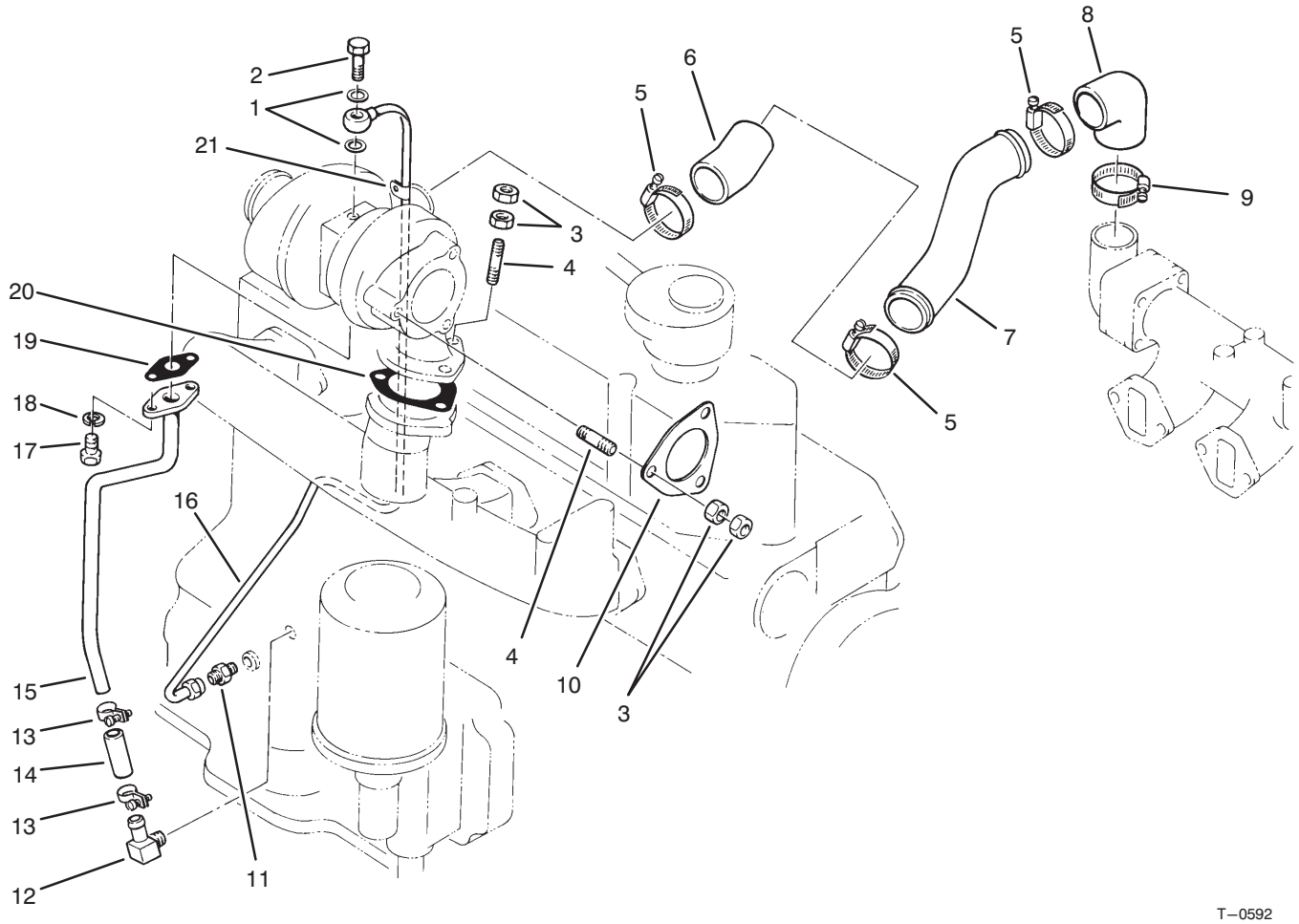
†Included in Gasket Set No. 70–6950



TURBOCHARGER ASSEMBLY NO. 70–6430

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

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



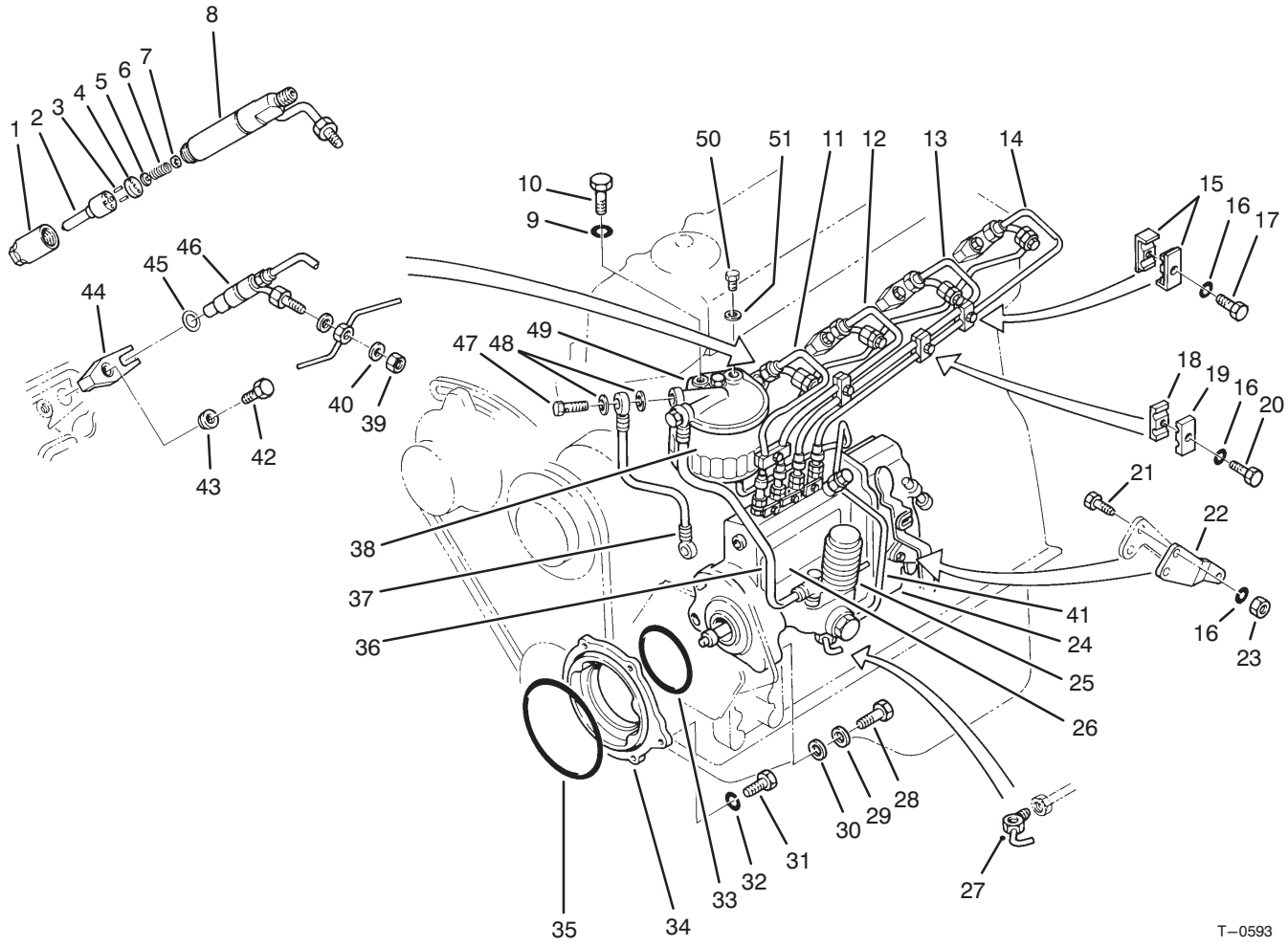
T–0592

TURBOCHARGER OIL PIPE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
†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

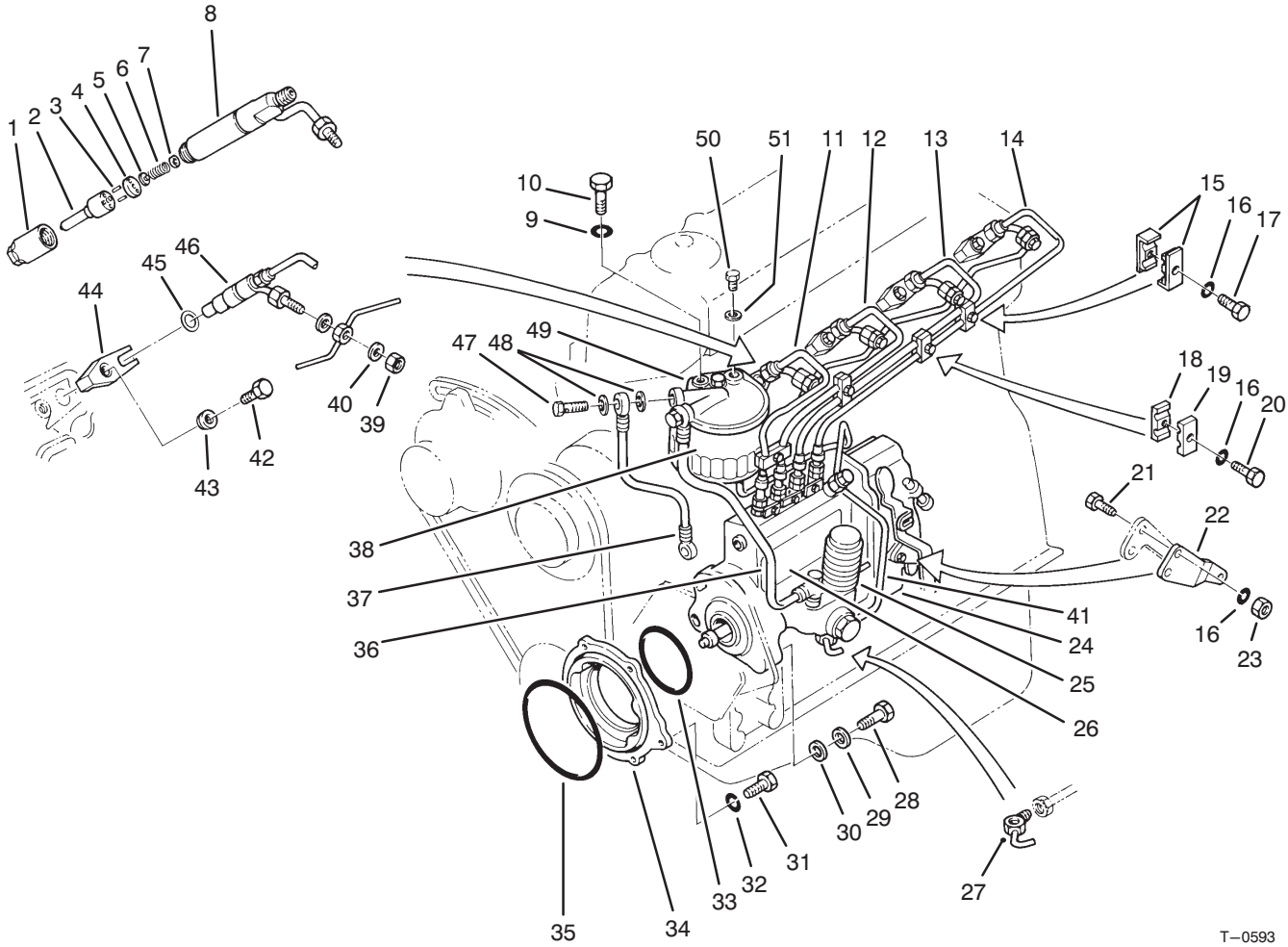


FUEL SYSTEM ASSEMBLY

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

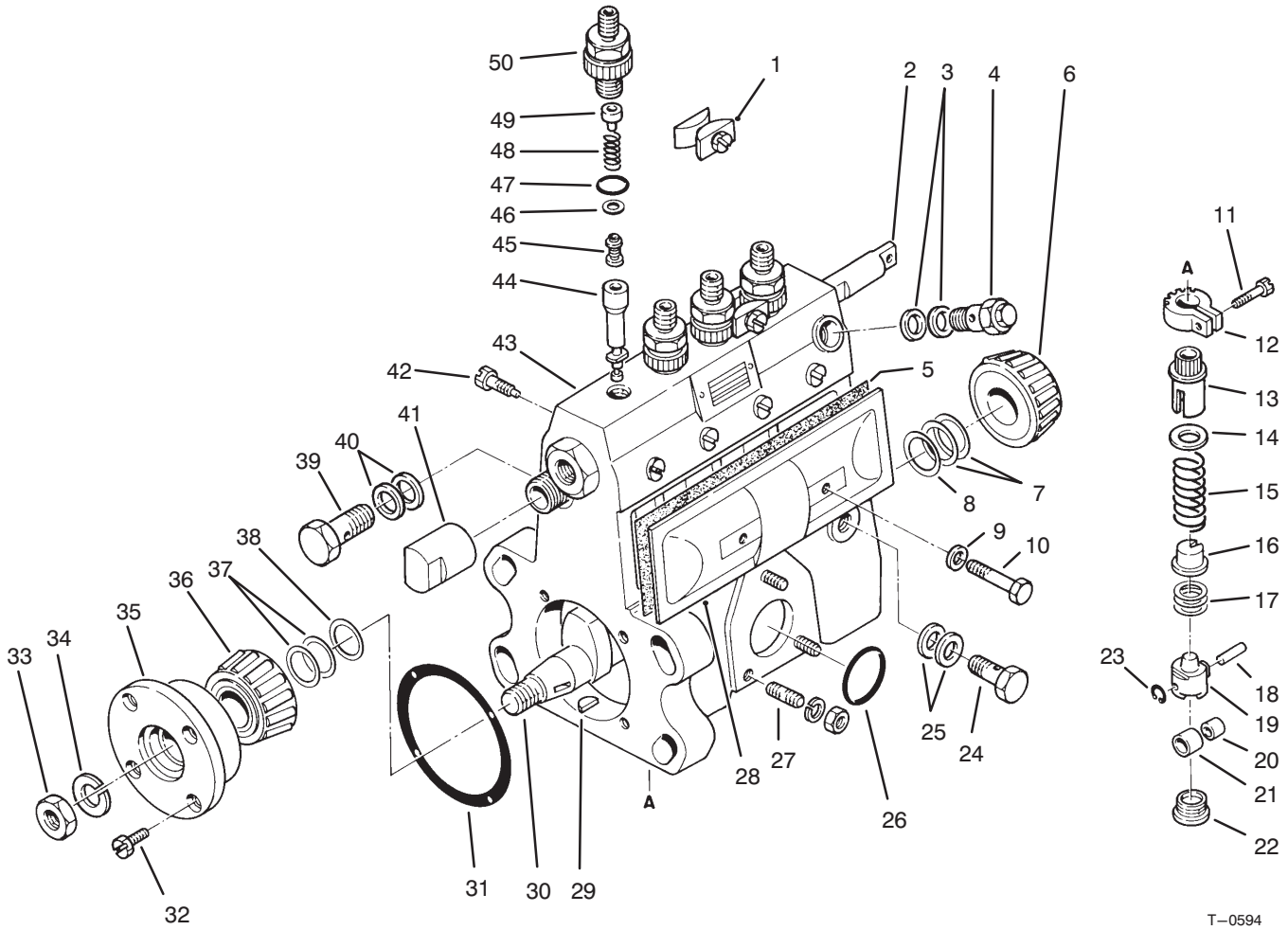


FUEL SYSTEM ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
41	70–6120	Pipe	1
42	70–2850	Bolt	4
43	70–6140	Washer	4
44	70–6220	Gland	4
†45	70–6150	Gasket	4
46	70–6160	Nozzle Assembly (Incl. Ref. #1–8)	4

Ref. No.	Part No.	Description	No. Used
47	70–3250	Bolt	2
48	70–3210	Packing	4
49	70–5720	Bracket	1
50	70–3200	Washer	1
51	70–3240	Plug	1
*	70–5710	Fuel Filter Assembly (Incl. Ref. #38 & 47–51)	1

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

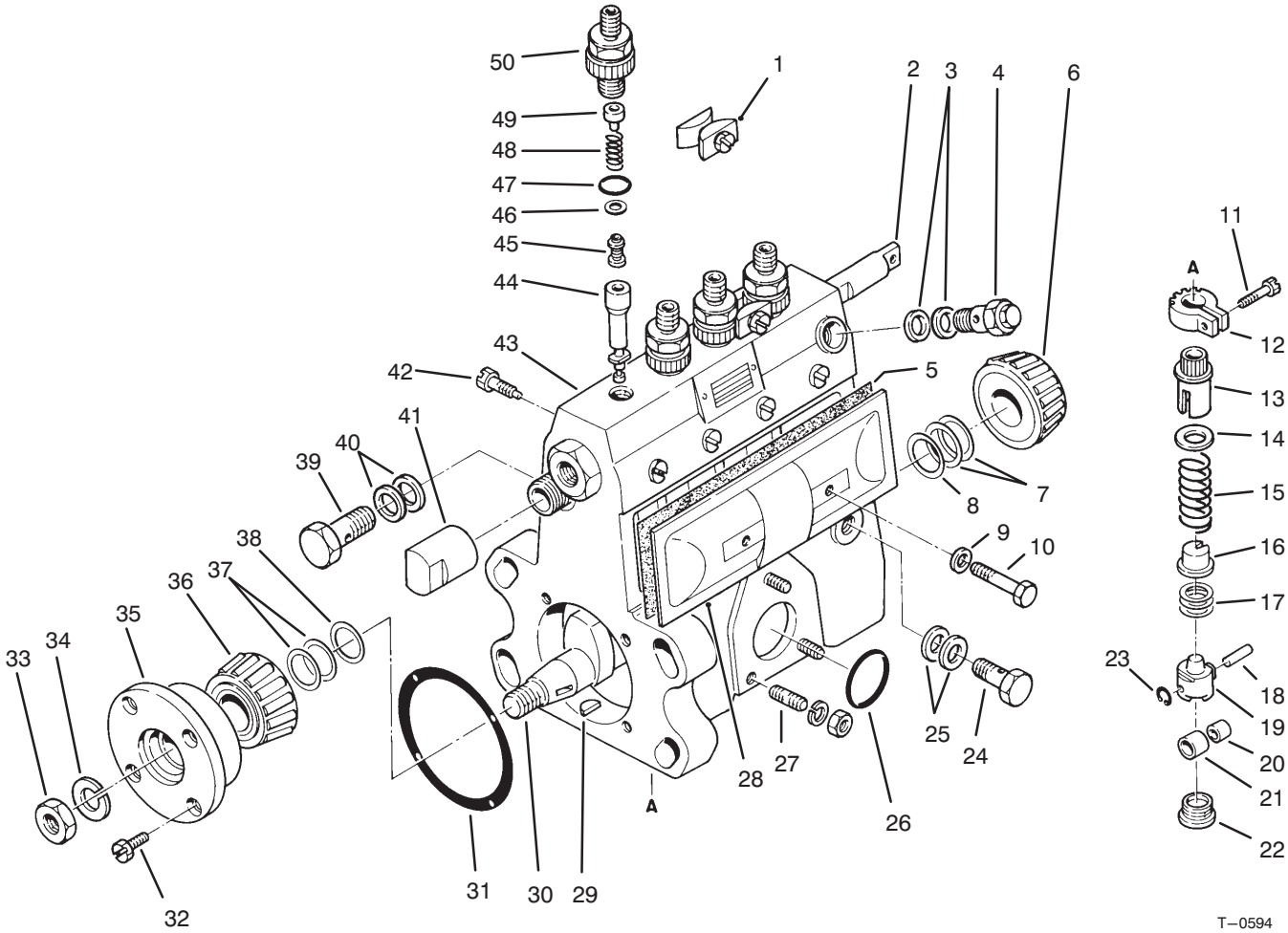


FUEL INJECTION PUMP ASSEMBLY

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

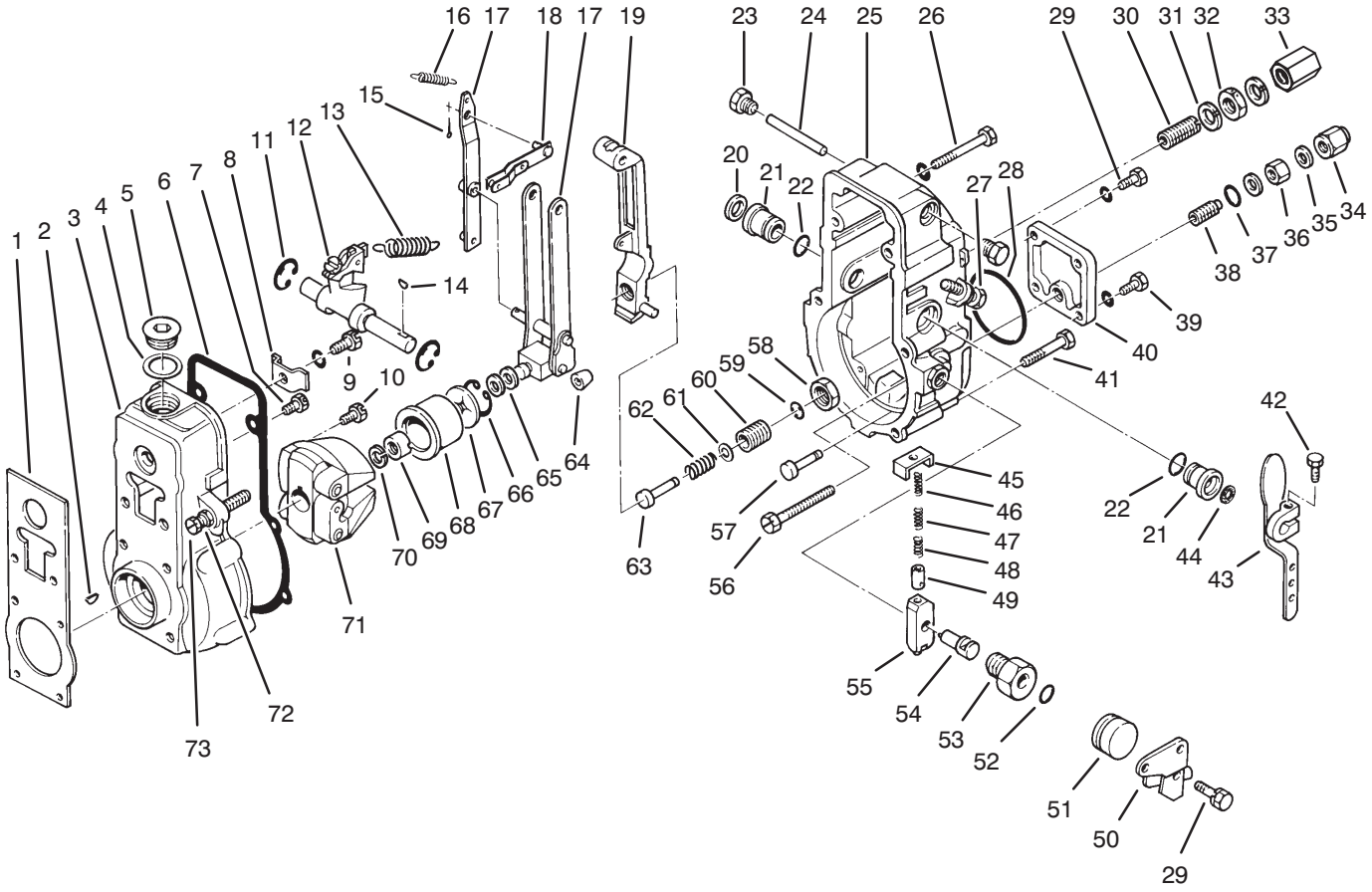


FUEL INJECTION PUMP ASSEMBLY (Continued)

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

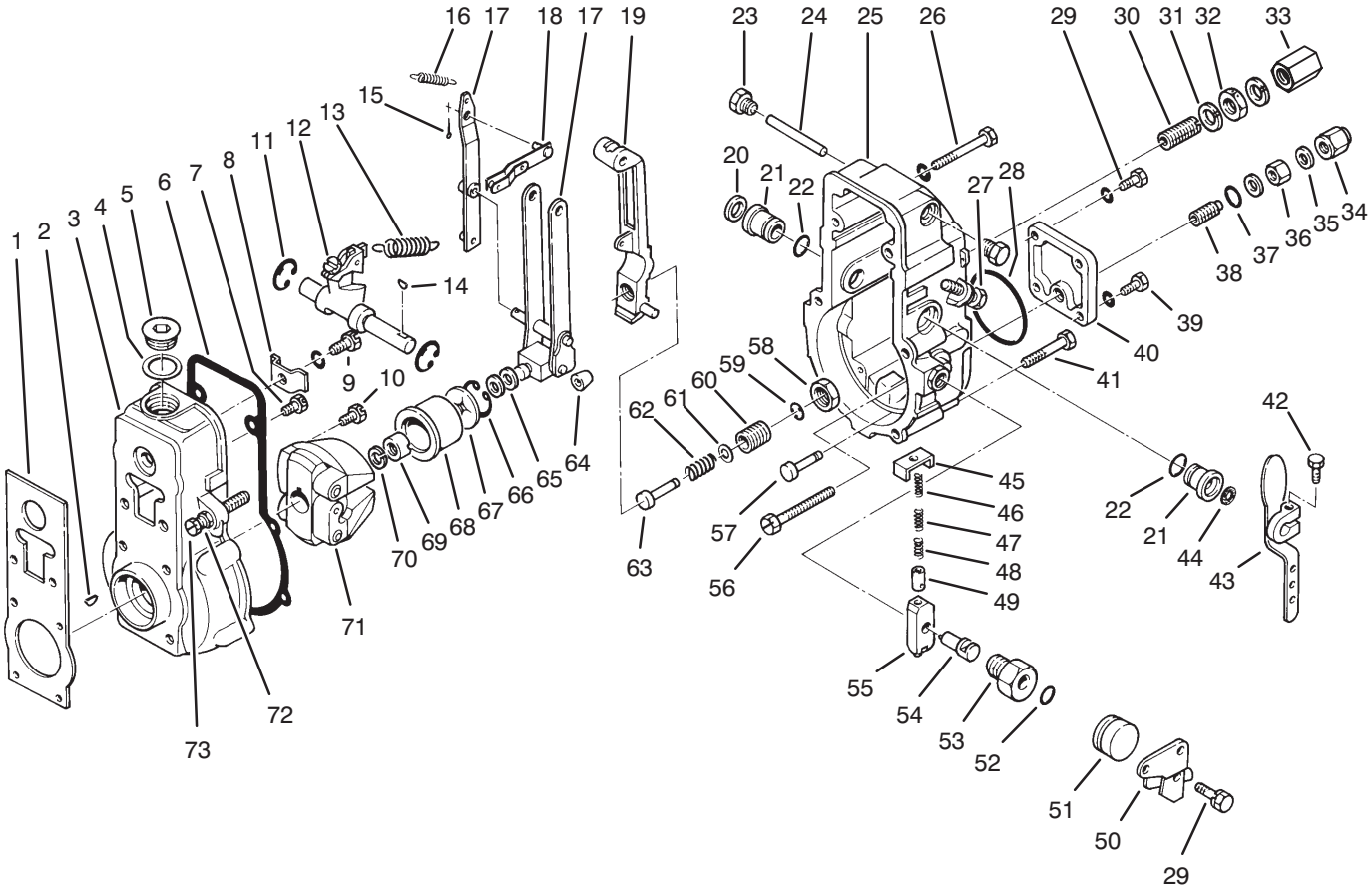
*Not Illustrated
†Included in Gasket Set No. 70−6950



GOVERNOR ASSEMBLY

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

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



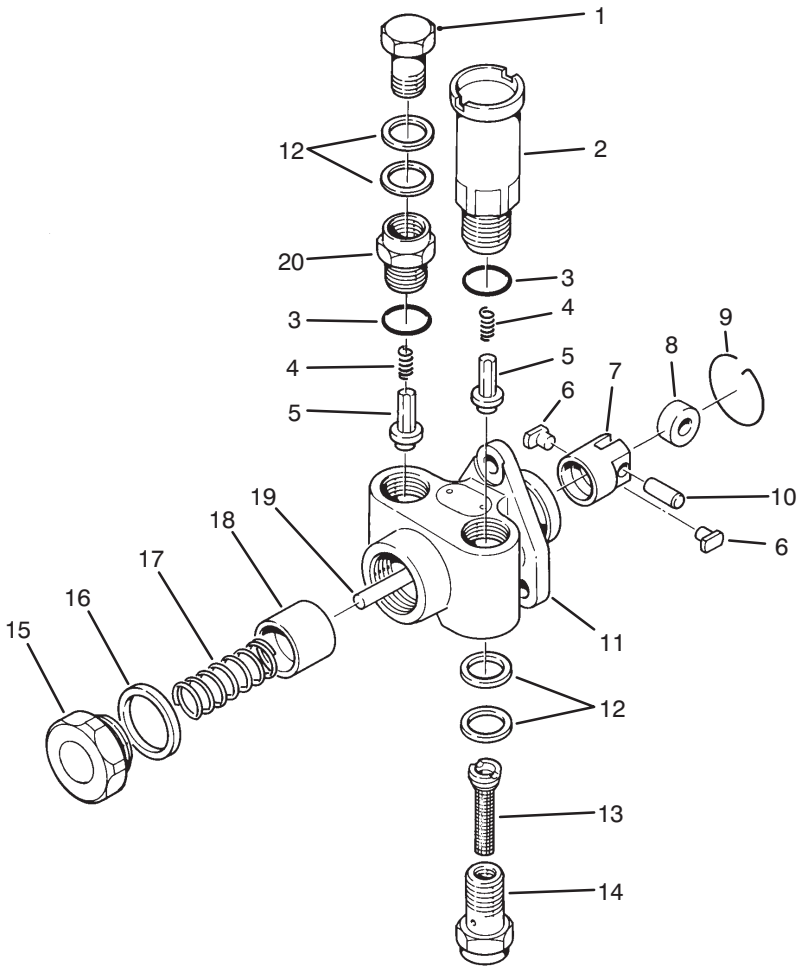
T–0595

GOVERNOR ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
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



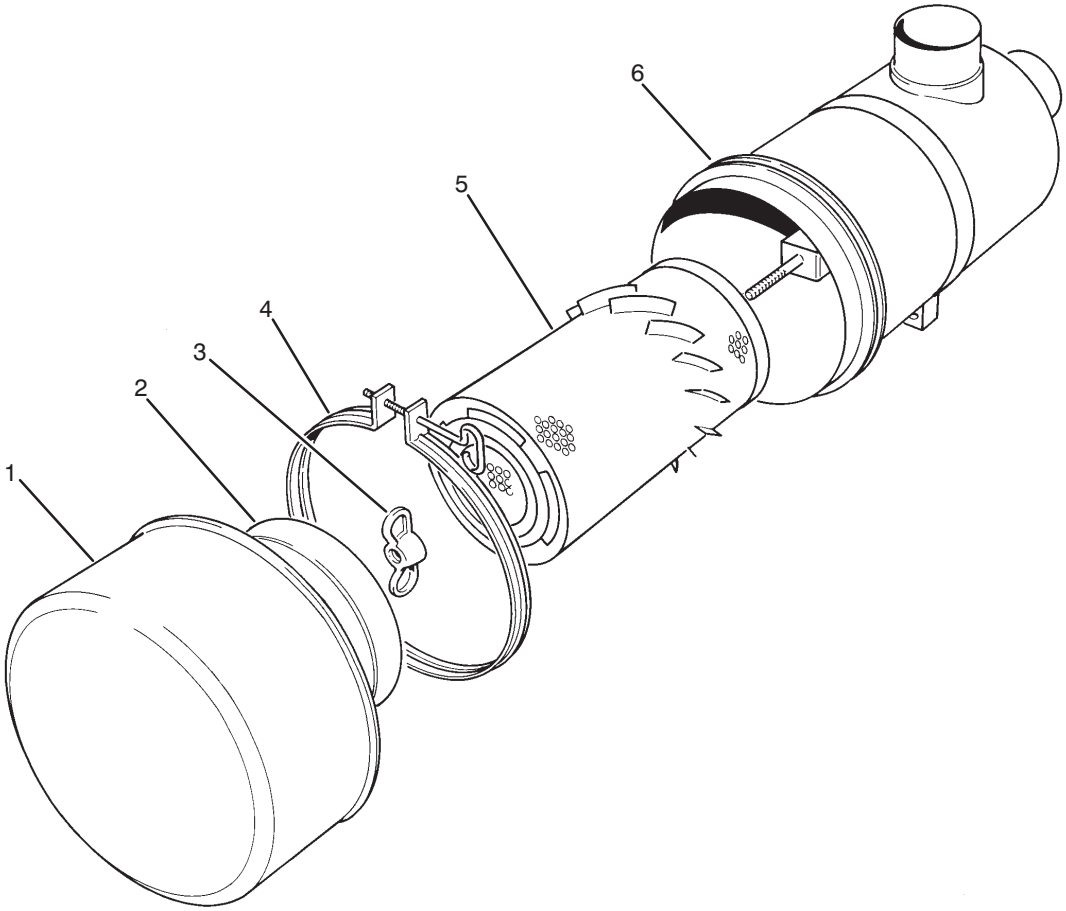
T–0596

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

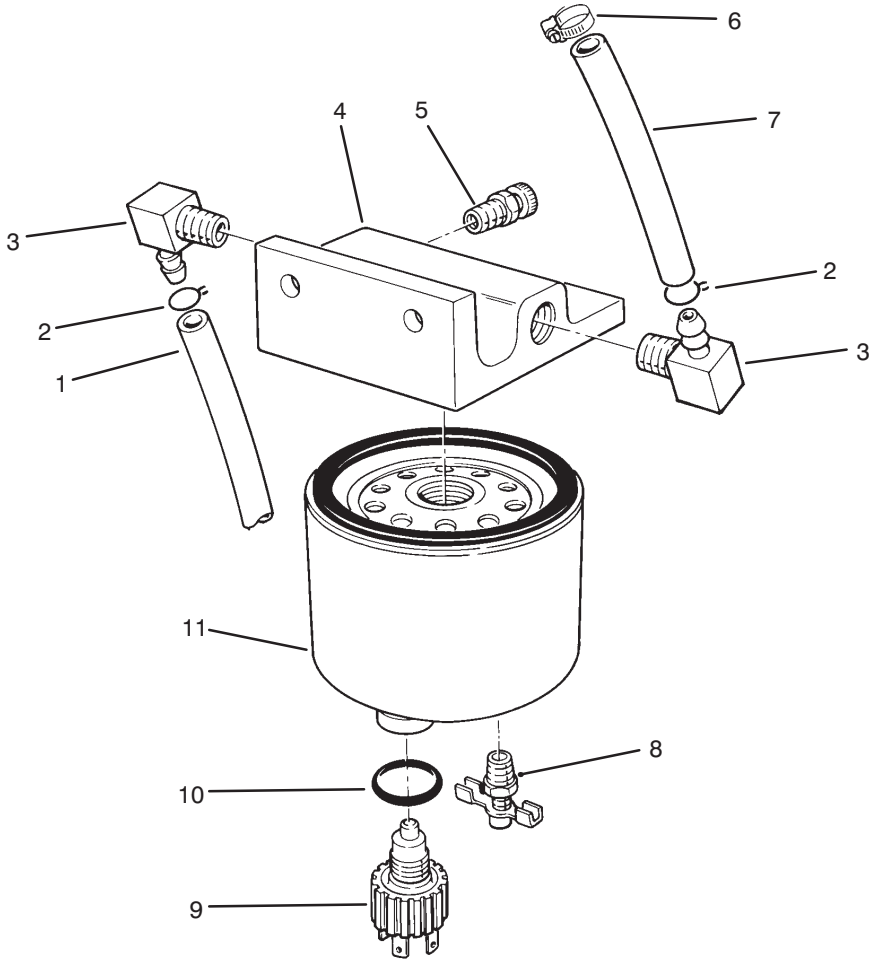


T–0387

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
5	69–1900	Element Assembly	1
†6		Housing	1
*	27–7220	Detergent – Element	1

*Not Illustrated
†Not Serviceable



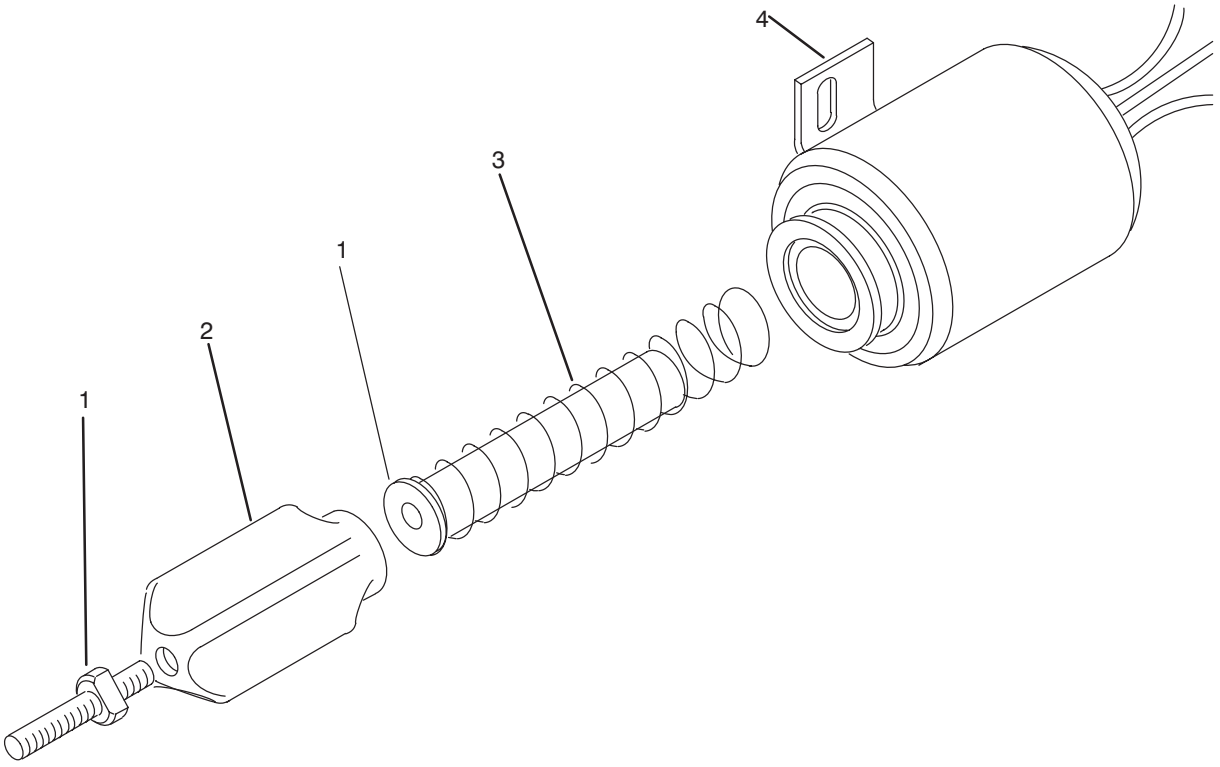
T−0376

FUEL FILTER ASSEMBLY

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

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

*Not Illustrated



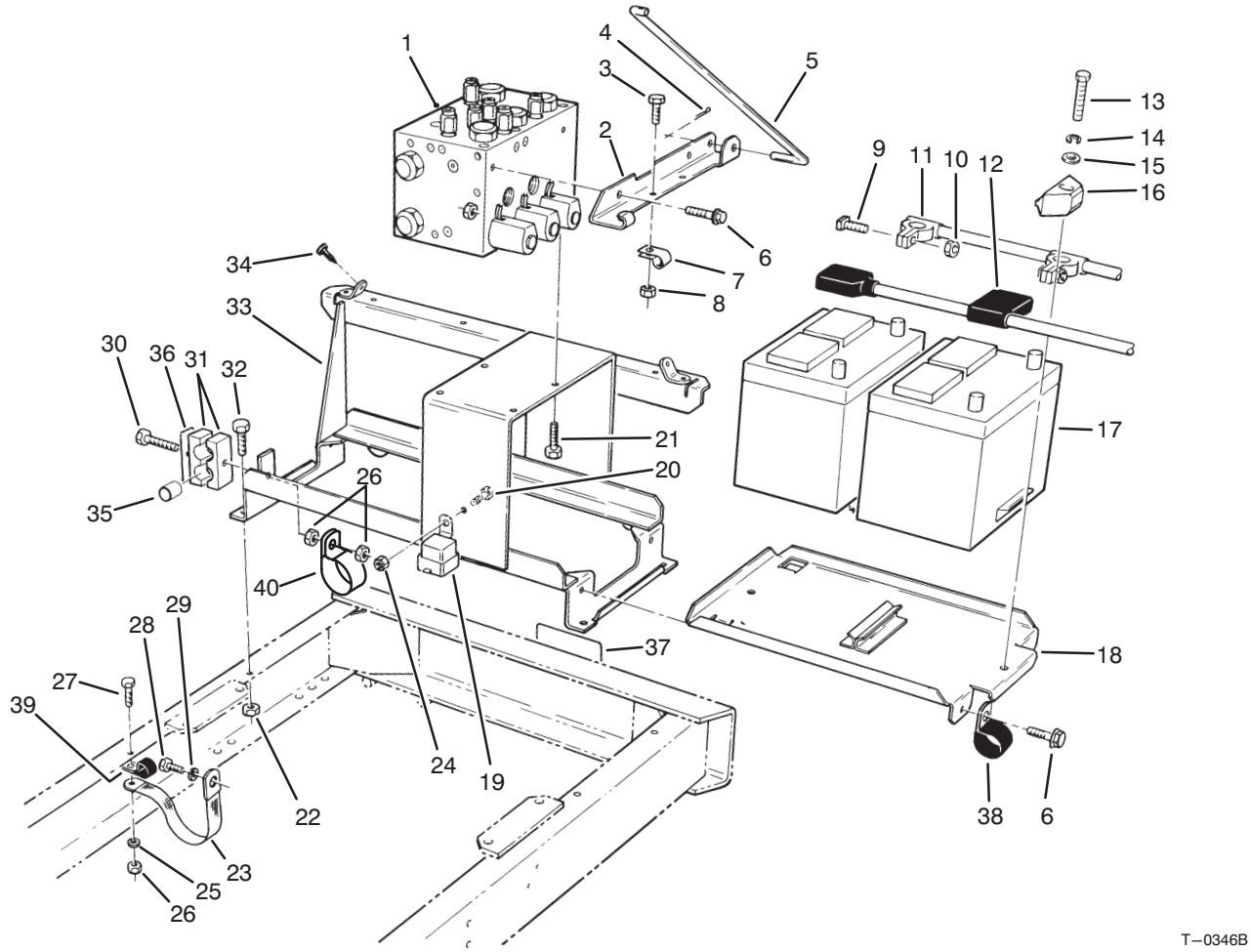
T–1758

SOLENOID VALVE NO. 85–6230

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

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

*Not Illustrated



T−0346B

BATTERY FRAME ASSEMBLY

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

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

†Not serviceable separately.
‡Obtain Locally

T–0364B

PTO MANIFOLD ASSEMBLY

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

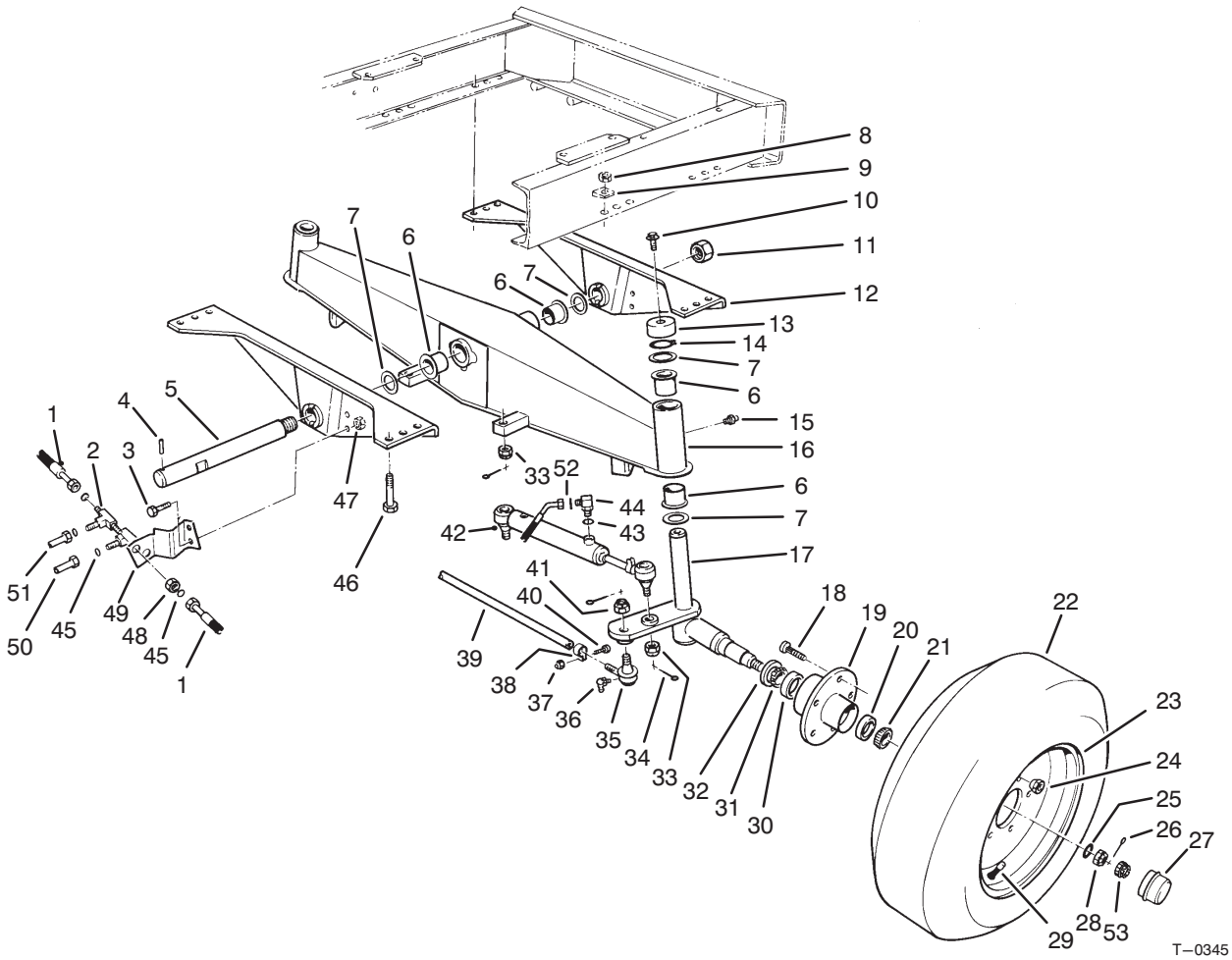
†Not serviceable separately.

T−0364B

PTO MANIFOLD ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
47	69−4220	Plug − Orifice	1
*	69−4230	Cartridge Valve Seal Kit (Incl. Ref. #2 & 4)	6
*	69−4270	Cartridge Valve Seal Kit (Incl. Ref. #35−37)	6
*	69−4260	Solenoid Valve Seal Kit (Incl. Ref. #26−28)	3
*	69−4150	PTO Manifold Assembly (Incl. Ref. #2, 4−8, 22−40 & 47)	1

*Not Illustrated

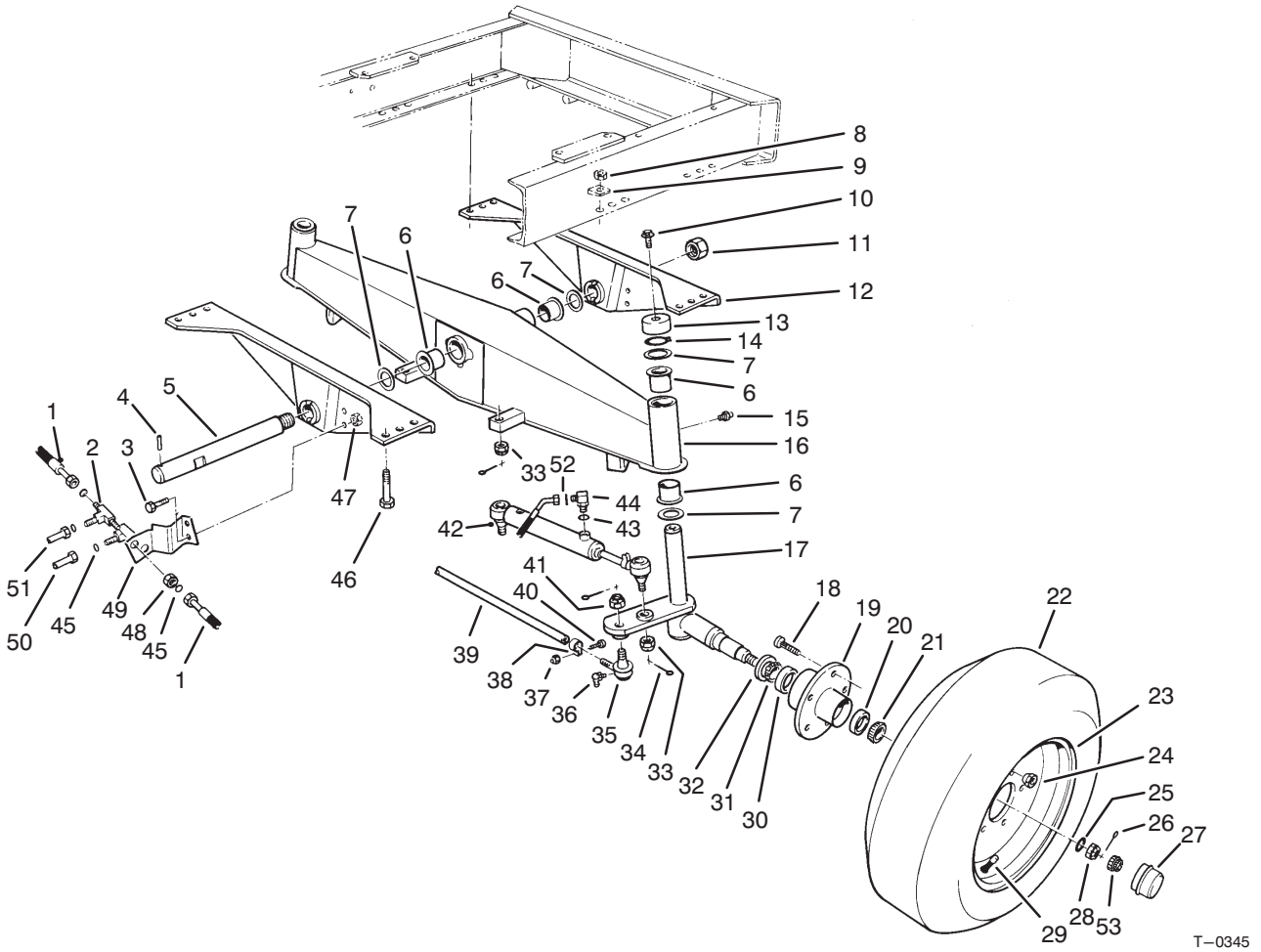


REAR AXLE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	69–5510	Hose – Hydraulic	4
2	340–68	Fitting – Hydraulic Bulkhead Tee (Incl. Ref. #45)	2
3	323–6	Screw – Cap Hex. Hd.	2
4	32121–110	Pin – Roll	1
5	71–2590	Shaft – Pivot	1
6	69–6470	Bushing – Flange	6
7	256–304	Washer – Thrust	6
8	32128–23	Nut – Lock	12
9	3290–216	Washer – Bevel	12
10	3234–12	Screw – Hex. Flange Hd.	2
11	3296–68	Nut – Lock	1
12	69–7960	Support – Axle	2
13	69–8890	Cap – Spindle	2
14	32151–10	Ring – Retaining	2
15	302–5	Fitting – Grease	3
16	69–7420	Axle – Rear (Incl. Ref. #6 & 15)	1
17	93–0311	Spindle – Wheel L.H.	1
*	93–0310	Spindle – Wheel R.H.	1
18	69–2990	Screw – Drive	10
19	69–2960	Hub – Rear Wheel (Incl. Ref. #18, 20 & 30)	2
20	254–72	Cup – Bearing Outer	2
21	254–92	Cone – Bearing Outer	2
22	69–9880	Tire	2
23	217–116	Rim	2

Ref. No.	Part No.	Description	No. Used
24	23–7270	Nut – Lug	10
25	93–0309	Washer	2
26	3272–13	Pin – Cotter	2
27	69–2970	Cap – Hub	2
28	3220–7	Nut – Jam	2
29	232–27	Stem – Valve	2
30	254–107	Cup – Bearing Inner	2
31	254–106	Cone – Bearing Inner	2
32	69–2980	Seal – Inner	2
33	32136–13	Nut – Castle	4
34	3272–12	Pin – Cotter	6
35	2116–4	Joint – Ball R.H.	1
*	2116–3	Joint – Ball L.H.	1
36	302–33	Fitting – Grease	2
†37		Nut – Lock	2
38	2412–7	Clamp Assembly (Incl. Ref. #37 & 40)	2
39	3–3710	Tie Rod Assembly (Incl. Ref. #35–41)	1
†40		Screw – Cap Hex. Hd.	2
41	32136–2	Nut – Castle	2
42	69–1960	Hydraulic Cylinder Assembly	2
43	237–78	Seal – O–Ring	4
44	340–132	Fitting – Hydraulic Elbow (Incl. Ref. #43 & 52)	4
45	237–22	Seal – O–Ring	6
46	325–6	Screw – Cap Hex. Hd.	12

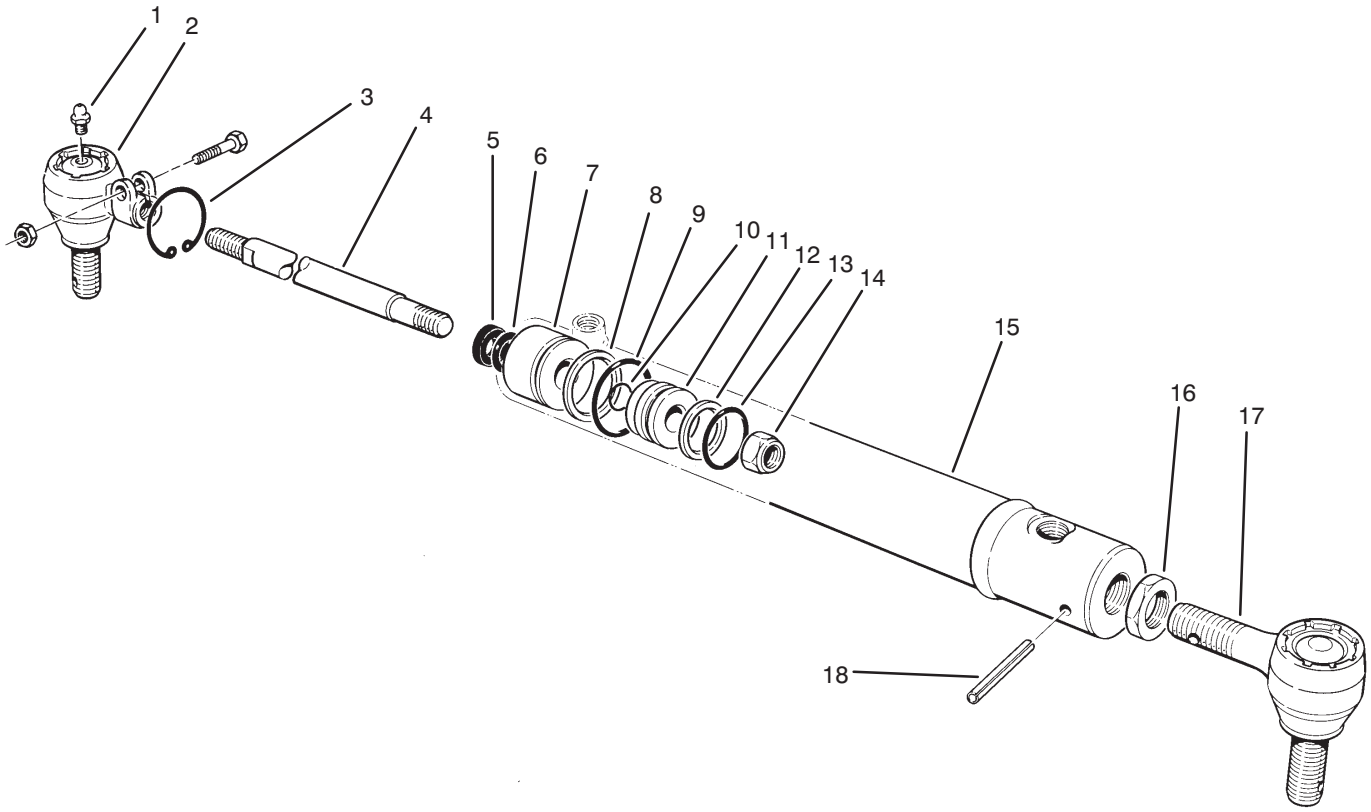
*Not Illustrated
†Not serviceable separately.



REAR AXLE ASSEMBLY (Continued)

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

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

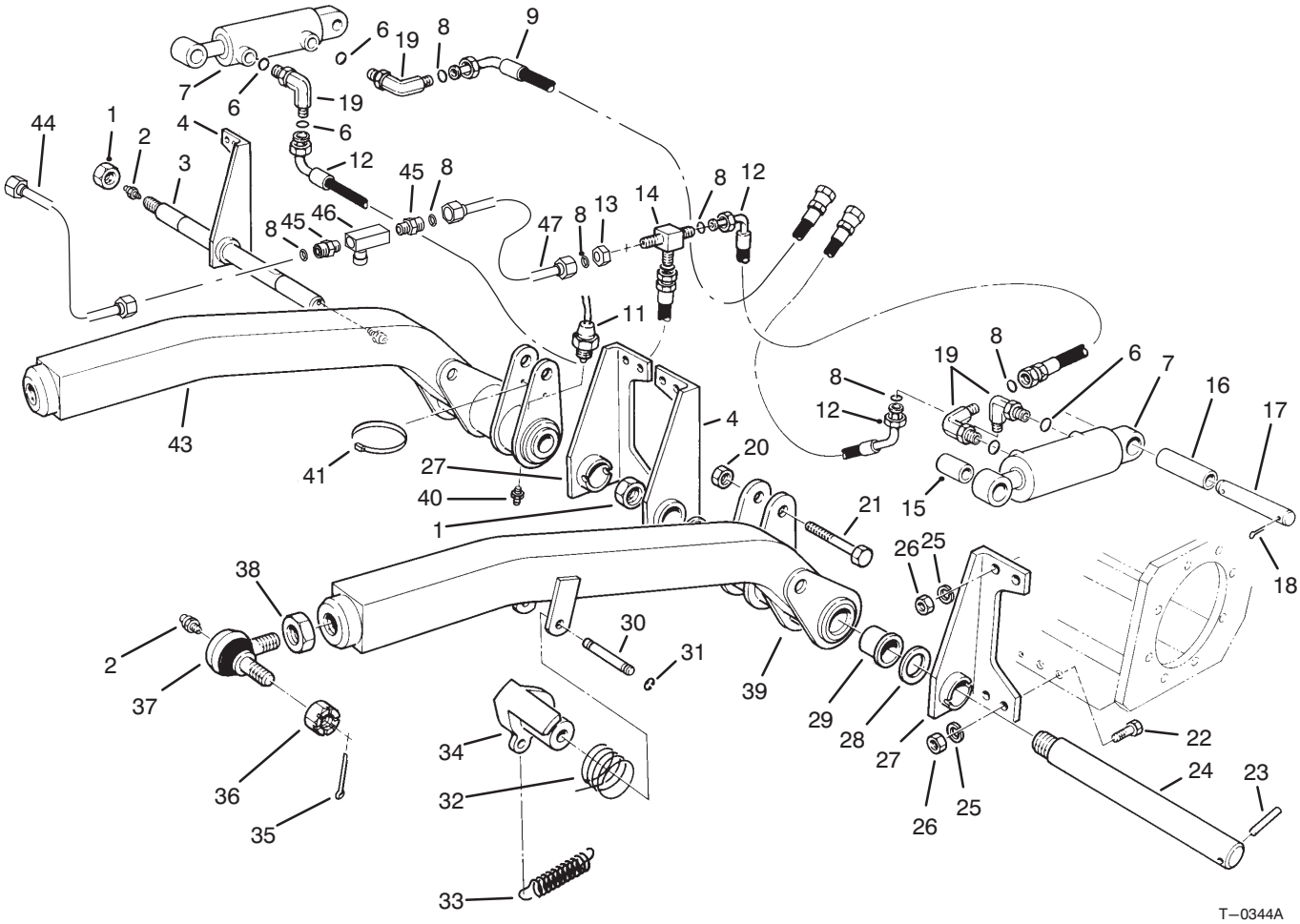


T–0378

HYDRAULIC CYLINDER ASSEMBLY NO. 69–1960

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

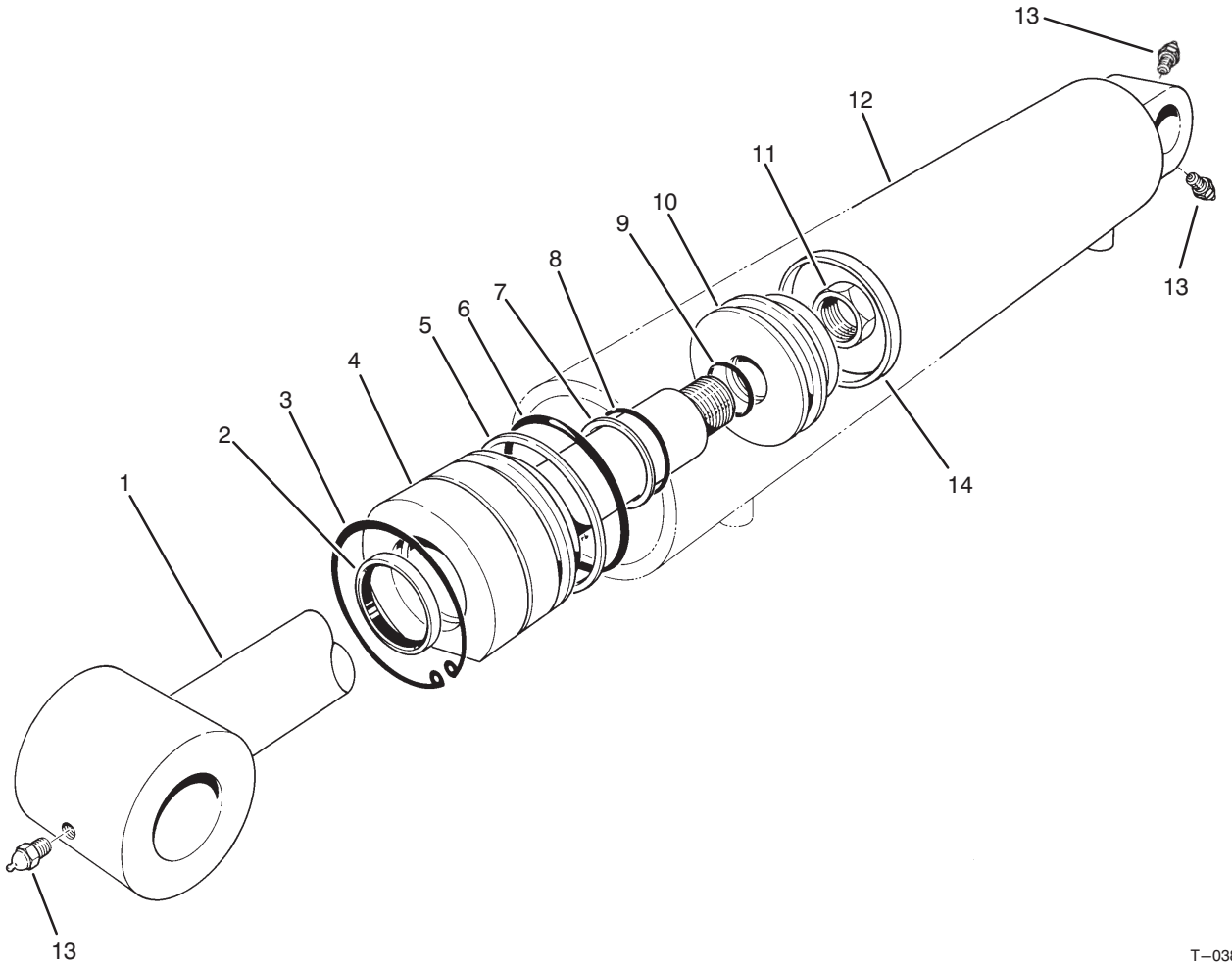
*Not Illustrated



FRONT LIFT ARM ASSEMBLY

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

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



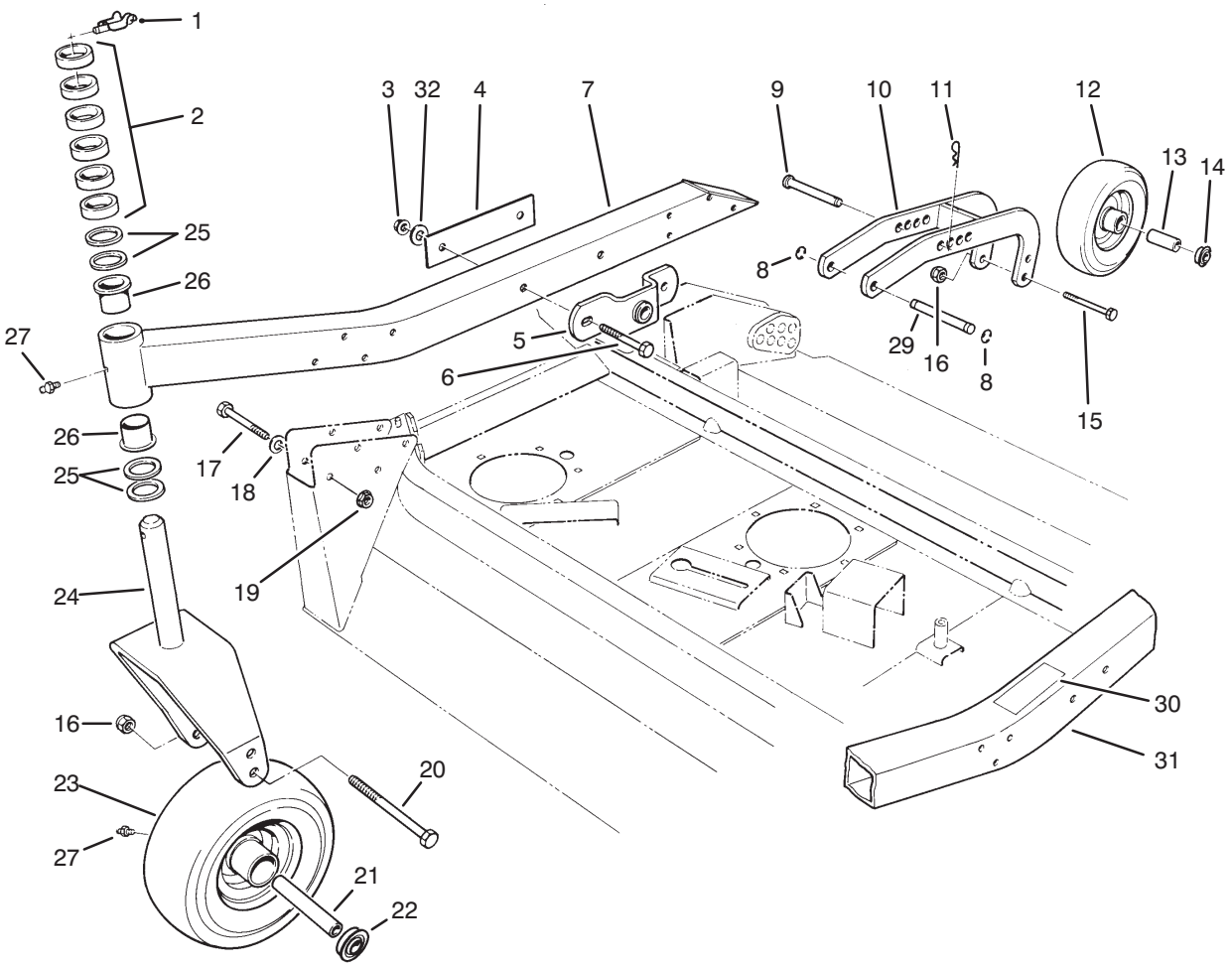
T–0380A

HYDRAULIC CYLINDER ASSEMBLY NO. 92–4971

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

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

*Not Illustrated
†Not serviceable separately.



T–0362B

CENTER DECK MODEL NO. 30592
CARRIER FRAME ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3290–384	Pin – Lynch	2
2	69–1510	Spacer – Caster	12
3	32128–23	Nut – Flange Lock	4
4	69–8790	Plate – Reinforcing	2
5	69–7290	Mount – Ball Joint	2
6	325–15	Screw – Cap Hex. Hd.	4
7	69–8860	Arm – Castor R.H. (Incl. Ref. #26–27)	1
8	32151–48	Ring – Retaining	4
9	283–70	Pin – Hitch (Incl. Ref. #11)	2
10	75–9790	Arm – Pivot	2
11	3290–343	Pin – Cotter Hair	2
12	93–4240	10” Wheel – Pneumatic (Incl. Ref. #13–14)	2
13	93–4241	Spacer	2
14	93–4237	Bearing	4
15	327–24	Screw Cap Hex. Hd.	2
16	3296–53	Nut – Lock	4

Ref. No.	Part No.	Description	No. Used
17	323–15	Screw – Cap Hex. Hd.	16
18	5–0838	Washer – Flat	16
19	32128–43	Nut – Lock	16
20	327–25	Screw – Cap Hex. Hd.	2
21	251–333	Spacer – Bearing	2
22	251–321	Bearing – Castor	4
23	92–2362	Castor Wheel Assembly (Incl. Ref. #21–22, & 27)	2
24	69–6270	Fork – Castor	2
25	69–6860	Washer – Castor	8
26	69–6470	Bushing – Flange	4
27	302–5	Fitting – Grease	4
29	69–9260	Pin – Clevis	2
30	69–0880	Decal – Torque	1
31	13–5069	Arm – Castor L.H. (Incl. Ref. #26–27, & 30)	1
32	30–8770	Washer – Flat	4

T–0361E

CENTER DECK MODEL NO. 30592

Ref. No.	Part No.	Description	No. Used
1	76–2760	Hydraulic Hose Assembly	1
2	76–2750	Hydraulic Hose Assembly	1
3	237–58	Seal – O–Ring	2
4	340–142	Fitting – Hydraulic Elbow (Incl. Ref #3 & 5)	2
5	237–81	Seal – O–Ring	2
6	76–2770	Hydraulic Hose Assembly	1
7	237–22	Seal – O–Ring	1
8	69–4320	Fitting – Hydraulic 90° (Incl. Ref. #7 & 9)	1
9	237–42	Seal O–Ring	1
10	32128–21	Nut – Flange Lock	6
11	93–4363	Motor – Hydraulic	1
12	3231–28	Bolt – Carriage	2
13	19–1470	Bolt – Shoulder	4
14	69–6960	Spacer – Idler	4
15	63–1540	Pulley – Idler	3
16	325–7	Screw – Cap Hex. Hd.	1
17	69–9290	Pad – Bumper	2
18	32108–103	Screw – Flat Hd.	4
19	32128 –20	Nut – Lock	4
20	302–2	Fitting – Grease	1
21	32120–72	Ring – Retaining	1
22	256–188	Bushing – Sleeve	1
23	69–6610	Arm – Idler (Incl. Ref. #22)	1
24	325–8	Screw – Cap Hex. Hd.	1
25	69–5430	Pulley–Idler	1
26	69–6970	Spacer – Idler	1
27	32105–1	Screw – Machine	8
28	256–117	Bushing – Flange	4
29	3269–25	Rivet – Pop	8
30	69–6780	Cover – Center Left	1
31	69–6870	Plate – Magnet	4
32	69–6260	Magnet – Cover	4
33	302–5	Fitting – Grease	4
34	3296–2	Nut – Lock	8
35	32128–23	Nut – Flange Lock	4
36	76–1670	Spring – Extension	1
37	3217–9	Nut – Jam	2
38	69–6550	Arm – Tension	1
39	82–2560	Decal – Belt Routing	1
40	43–8480	Decal – Danger	1
41	13–4969	Deck – Center (Incl. Ref. #20, 28, 33, 39, 40 & 57)	1
42	3233–27	Bolt – Carriage	1
43	69–6490	Plate – Tension	1
44	77–2830	Rod – Spring	1
45	3272–7	Pin – Cotter	1
47	69–6890	Spacer – Spring	1
48	86–7480	Spring – Compression	1
49		Screw – Set	2
50	23–1640	Bushing – Taper Lock (Incl. Ref. #49)	1

T–0361E

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
58	3–6498	Washer – Flat	1
59	3233–30	Bolt – Carriage	1
60	66–1340	Decal – Danger	1
61	93–9324	Pivot – Idler	1
*	93–8457	Hex.–Belt – Deck Drive	1
*	3290–378	Tie – Cable	2

*Not Illustrated

T–0366A

CENTER DECK MODEL NO. 30592 LEFT WING ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3269–25	Rivet – Pop	4
2	3296–2	Nut – Lock	6
3	40–9520	Spacer – Split	2
4	40–0330	Cushion – Rubber	1
5	3250–27	Screw – Truss Hd.	2
6	323–6	Screw – Cap Hex. Hd.	3
7	69–6730	Skid	1
8	32128–23	Nut – Flange Lock	3
9	3233–9	Bolt – Carriage	3
10	32128–21	Nut – Flange Lock	6
11	32105–1	Screw – Machine	4
12	13–4989	Deck – Left Wing (Incl. Ref. #23–25)	1
13	69–6640	Hinge – Left Front	1
14	69–6900	Shaft – Hinge	1
15	69–6260	Magnet – Cover	2
16	256–305	Washer – Thrust	2
17	69–6670	Hinge – Left Rear	1
18	32121–6	Pin – Roll	2
19	69–6910	Bracket – Support	1
20	3231–25	Bolt – Carriage	2
21	69–6870	Plate – Magnet	2
22	69–6850	Cover – Left Wing	1
23	66–1340	Decal – Danger	1
24	43–8480	Decal – Danger	1
25	67–5360	Decal – Danger	1
26	3256–69	Washer	2
27	82–4910	Roller	1
28	32121–4	Pin – Roll	2
29	88–9270	Bracket – Roller LH	1
30	5–0838	Washer – Flat	3
31	323–7	Screw – Cap Hex. Hd.	3
*	76–2060	V–Belt	1
*	42–6200	Shim – Cushion	A/R

*Not Illustrated

T–0365A

CENTER DECK MODEL NO. 30592 RIGHT WING ASSY.

Ref. No.	Part No.	Description	No. Used
1	3269–25	Rivet – Pop	4
2	69–6840	Cover – Right Wing	1
3	69–6870	Plate – Magnet	2
4	302–2	Fitting – Grease	1
5	32120–72	Ring – Retaining	1
6	256–188	Bushing – Sleeve	1
7	69–5430	Pulley – Idler	1
8	325–8	Screw – Cap Hex. Hd.	1
9	3231–25	Bolt – Carriage	2
10	3296–2	Nut – Lock	6
11	69–6910	Bracket – Support	1
12	40–9520	Spacer – Split	2
13	40–0330	Cushion – Rubber	1
14	3250–27	Screw – Truss Hd.	2
15	69–6260	Magnet – Cover	2
16	32105–1	Screw – Machine	4
17	69–6970	Spacer – Idler	1
18	13–4979	Right Wing Deck Assembly (Incl. Ref. #4, 32 & 33)	1
19	323–6	Screw – Cap Hex. Hd.	3
20	69–6900	Shaft – Hinge	1
21	32121–6	Pin – Roll	2
22	32128–21	Nut – Flange Lock	6
23	69–6710	Hinge – Right Rear	1
24	256–305	Washer – Thrust	2
25	76–1670	Spring – Extension	1
26	32128–23	Nut – Flange Lock	4
27	69–6610	Idler Arm Assembly (Incl. Ref. #6)	1
28	69–6690	Hinge – Right Front	1
29	69–6730	Skid	1
30	3233–9	Bolt – Carriage	3
31	67–5360	Decal – Danger	1
32	43–8480	Decal – Danger	1
33	66–1340	Decal – Danger	1
34	3–6498	Washer	1
35	3256–69	Washer	2
36	82–4910	Roller	1
37	32121–4	Pin – Roll	2
38	88–9260	Bracket – Roller RH	1
39	323–7	Screw – Cap Hex. Hd.	3
40	5–0838	Washer – Flat	3
41	93–9324	Pivot – Idler	1
*	76–2060	V–Belt	1
*	42–6200	Shim – Cushion	A/R

*Not Illustrated

T–0348B

WING DECK LIFT ASSEMBLY

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

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

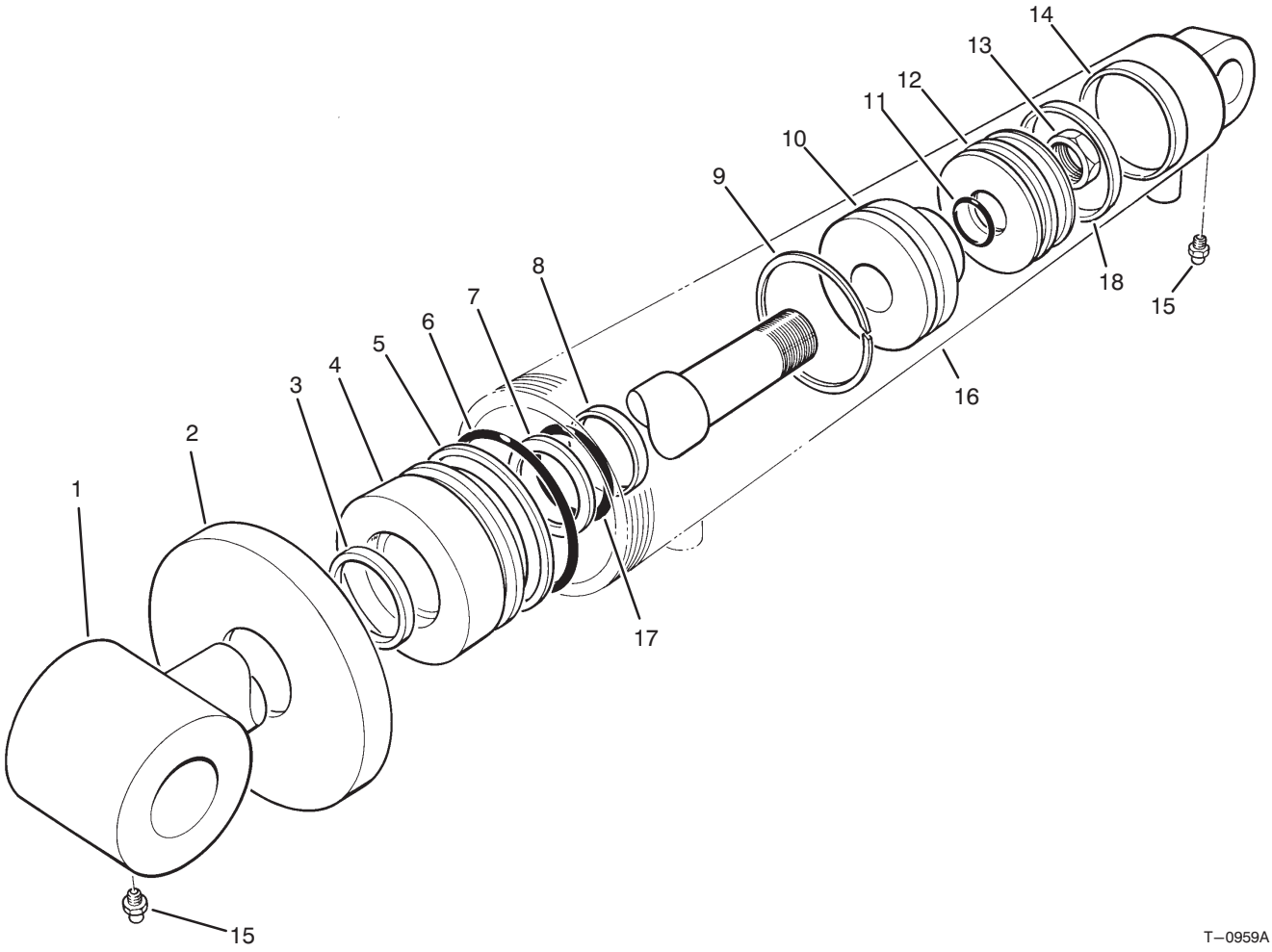
*Not Illustrated

T–0348B

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
52	69–6080	Tube – Hydraulic (Incl. Ref. #19)	1
53	69–5990	Tube – Hydraulic (Incl. Ref. #19)	1
54	69–4400	Carrier –Wing Deck	1
55	69–1580	Anchor – Latch L.H.	1
*	69–1600	Anchor – Latch R.H.	1
56	321–9	Screw – Cap Hex. Hd.	3
57	56–7973	Clamp Half – Hydraulic Line	6
58	328–24	Screw – Cap Hex. Hd.	4
59	39–7650	Plate – Cover	2
60	32144–11	Screw – Thread Forming	4
61	93–9922	Spacer	2
*	3290–378	Tie – Cable	3

*Not Illustrated



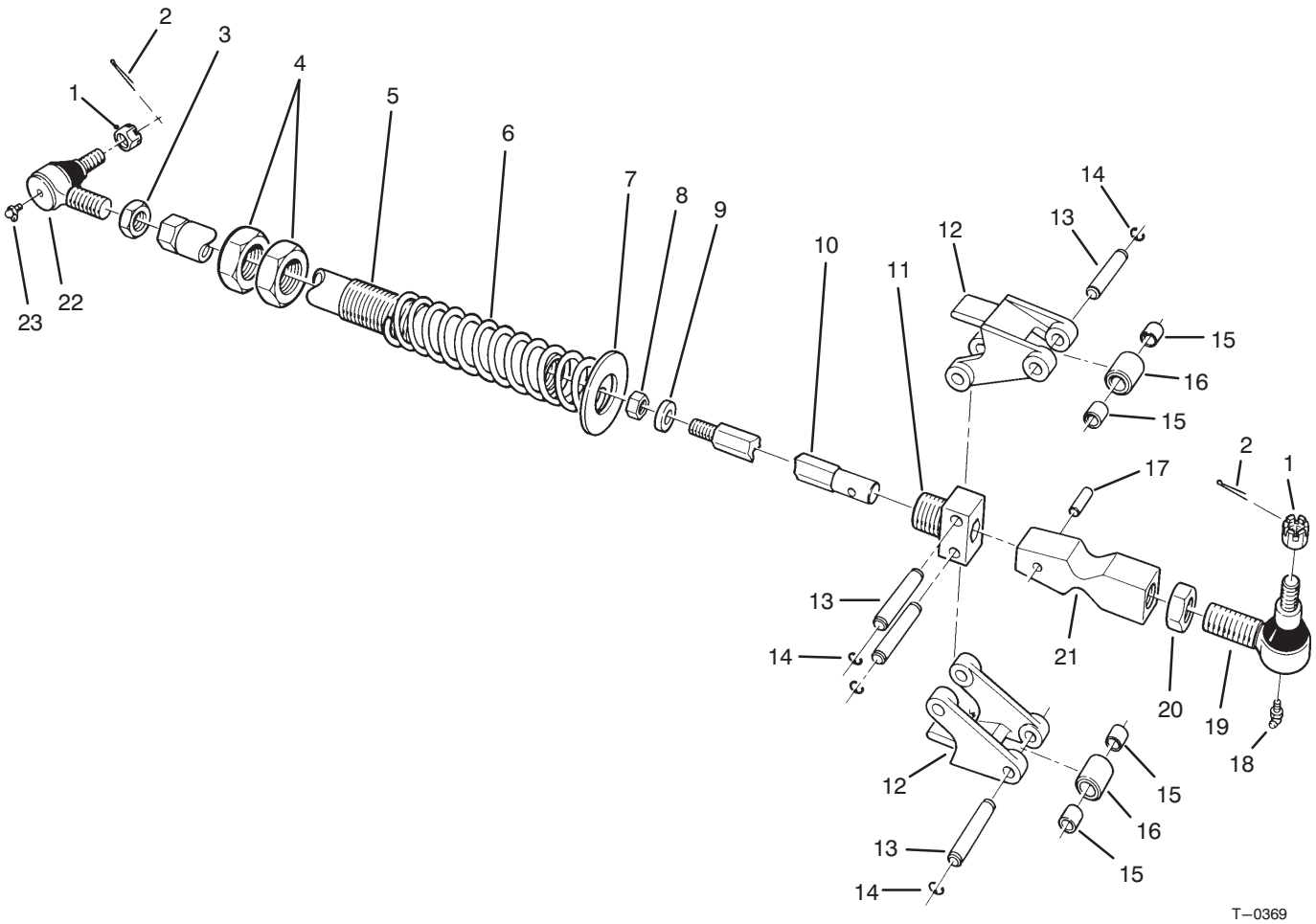
T–0959A

HYDRAULIC CYLINDER ASSEMBLY NO. 74–2170

Ref. No.	Part No.	Description	No. Used
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		Ring – Back–Up	1
†8		Ring – Wear	1
9	74–2180	Ring – Steel	1
10	74–2190	Cushion	1
†11		Uni–Ring	1

Ref. No.	Part No.	Description	No. Used
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 – O–Ring	1
18		Seal – Uni–Ring	1
*	86–7350	Seal Repair Kit (Incl. Ref. #3, 5–8, 11, 14 & 17)	1

*Not Illustrated
†Not serviceable separately.



WING DECK LATCH ASSEMBLY

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

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

T–0370C

WING DECK LIFT ARM ASSEMBLY

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

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

*Not Illustrated

T–0335B

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
21	69–6730	Skid	4
22	3233–9	Bolt – Carriage	12
23	323–15	Screw – Cap Hex. Hd.	32
24	5–0838	Washer – Flat	32
25	32128–43	Nut – Lock	32
26	327–17	Screw Cap Hex. Hd.	8
27	43–8480	Decal – Danger	2
28	93–4241	Spacer	8
29	93–4237	Bearing	16
30	93–4240	10” Wheel – Pneumatic (Incl. Ref. #28, 29)	8
31	3296–53	Nut – Lock	8
32	75–9670	Fork – Castor	8
33	69–6860	Washer – Thrust	28
34	302–5	Fitting – Grease	8
35	69–1510	Spacer – Castor	48
36	69–0890	Decal – Belt Routing L.H.	1
*	69–0900	Decal – Belt Routing R.H.	1
37	66–1340	Decal – Danger	2
38	69–0880	Decal – Torque	2
39	67–5360	Decal – Danger	4
40	256–304	Washer – Thrust	4
41	77–0950	Washer – Castor	8

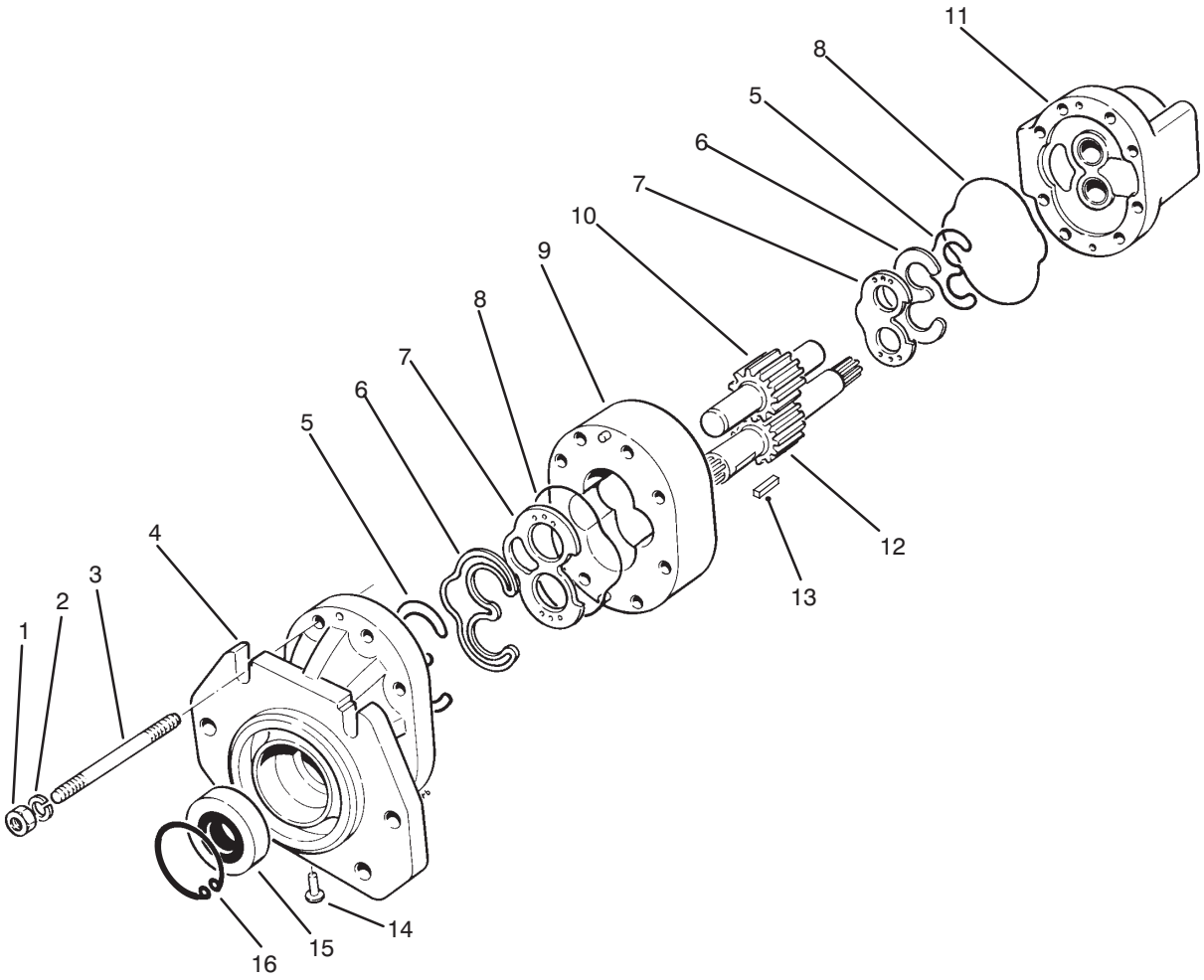
*Not Illustrated

T–0336A

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

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

*Not Illustrated

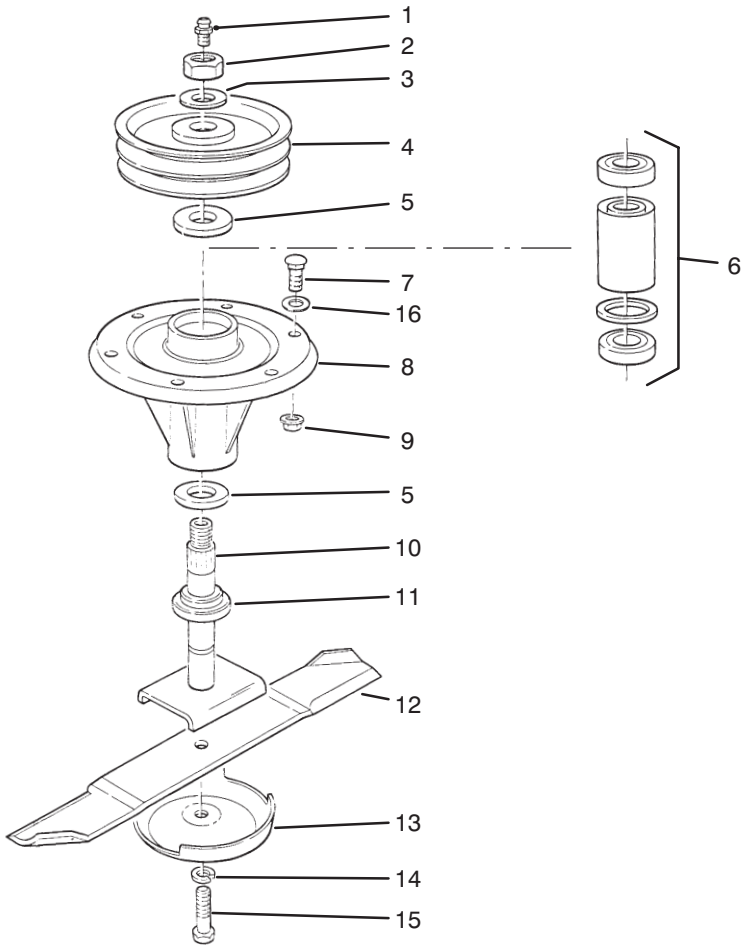


T−1972A

HYDRAULIC MOTOR ASSEMBLY NO. 93−4363

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

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



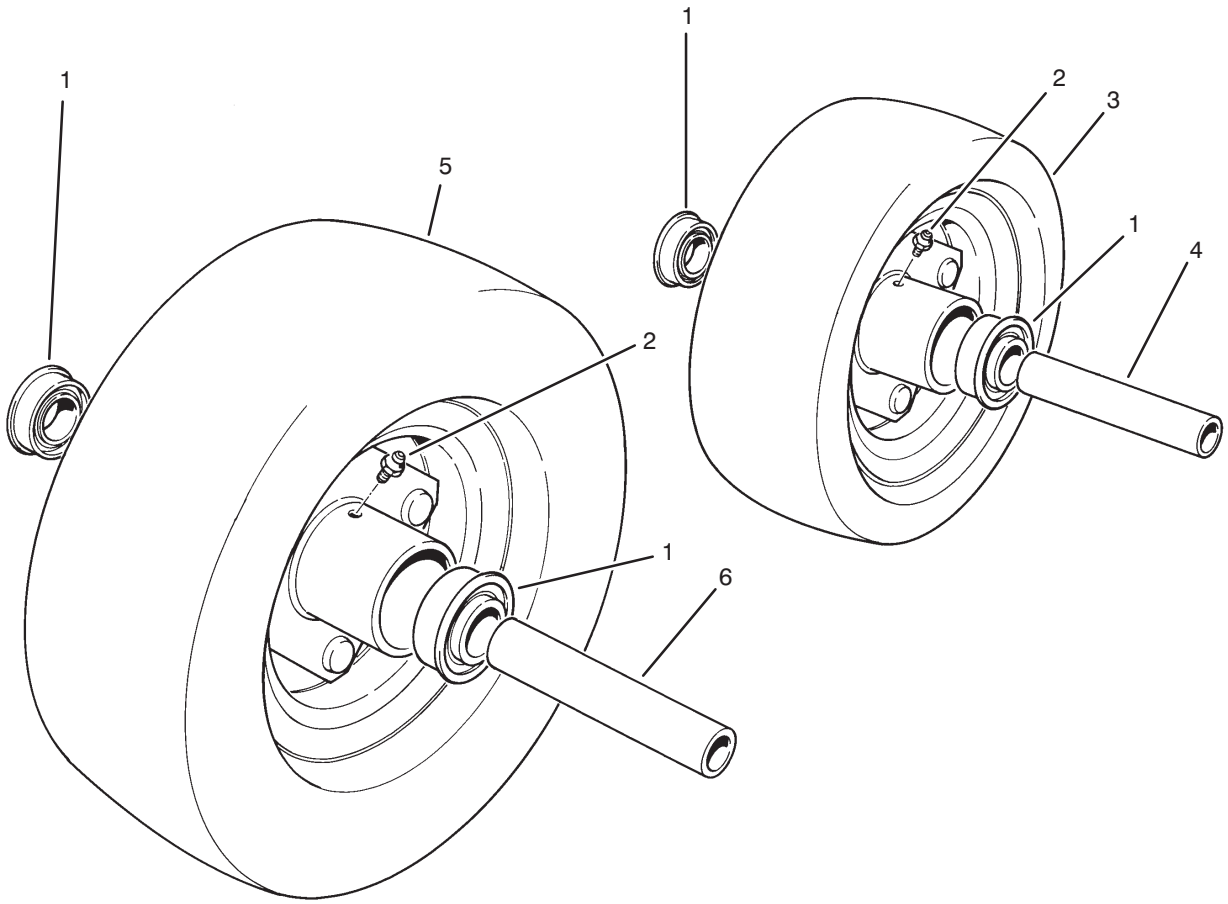
T–0337

SPINDLE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	302–2	Fitting – Grease Str.	1
*	302–10	Fitting – Grease 45° (Used only on wing deck center & inside spindles)	1
2	3296–49	Nut – Lock	1
3	3–8514	Washer	1
4	69–8390	Pulley – Spindle	1
5	253–154	Seal – Wave	2
6	71–2530	Bearing Assembly	1
7	3231–22	Bolt – Carriage	6

Ref. No.	Part No.	Description	No. Used
8	69–1530	Housing – Spindle	1
9	32128–21	Nut – Flange Lock	6
10	69–6760	Shaft – Spindle	1
11	92–9800	Spacer – Spindle	1
12	69–6920	Blade – 20”	1
13	67–7561	Cup – Anti Scalp	1
14	3253–8	Washer – Lock	1
15	51–4060	Bolt – Blade	1
16	3256–24	Washer – Flat	A/R

*Not Illustrated



T–0992

10” & 13” SEGMENTED TIRE ASSEMBLIES (Optional)

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

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

TORO PART NUMBER INDEX

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

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

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

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
59–7990	Seal – Gland	26	3	4
59–8470	Retainer – Seal	26	4	4
59–8500	Gear/Shaft – Front Drive	26	17	1
59–8570	Seal – Shaft	26	22	1
59–8580	Ring – Retaining	26	21	1
59–8590	Seal – Shaft	26	20	1
59–8600	Gear – Driven	26	9	2
59–8610	Repair Kit	26	*	1
60–3780	Seal Kit	20	*	
60–3810	Shaft – Input	35	2	1
60–3830	Seal – Oil	35	4	1
60–3840	Cone – Bearing	35	5	1
60–3850	Cup – Bearing	35	6	2
60–3860	Bolt – Wheel	35	7	9
60–3870	Hub	35	8	1
60–3880	Cone – Bearing	35	9	1
60–3890	Bolt – Hex. Hd.	35	10	6
60–3900	Gear – Ring	35	24	1
60–3910	Washer – Flat	35	11	6
60–3930	Ring – Retaining	35	25	2
60–3940	Washer	35	26	2
60–3950	Spring – Disengage	35	27	1
60–3960	Primary Carrier Assembly	35	15	1
60–3970	Gear – Primary Sun	35	13	1
60–3980	Washer – Thrust	35	12	1
60–3990	Washer – Thrust	35	23	1
60–4000	Secondary Carrier Assy.	35	20	1
60–4010	Plunger – Disengage	35	22	1
60–4020	Seal – O–Ring	35	21	1
60–4030	Bolt – Hex. Hd.	35	17	8
60–4040	Plug – Pipe	35	16	1
60–4050	Cover – Large	35	19	1
60–4060	Cover – Disengage	35	18	1
60–4070	Bolt – Hex. Hd.	35	14	2
60–5210	Clamp	62	15	2
60–5340	Cover Assembly – Front	50	7	1
60–5360	Bearing	50	11	1
60–5370	Rectifier Assembly	50	13	1
60–5380	Cover Assembly – Rear	50	12	1
60–5720	Seal – O–Ring	20	9	6
60–6450	Disc	20	2	A/R
60–7040	Bolt	51	40	2
60–7110	Bolt	57	10	3
60–7110	Bolt	52	18	1
60–7110	Bolt	54	23	2
60–7110	Bolt	55	37	1
60–7120	Nut – Hex.	61	3	12
60–7160	Rivet	60	1	2
60–7210	Bolt	52	6	1
60–7280	Bolt	54	2	4
60–7280	Bolt	53	3	2
60–7280	Bolt	55	7	2
60–7280	Bolt	58	9	23
60–7280	Bolt	62	31	2
60–7280	Bolt	51	35	1
60–7290	Bolt	57	29	4
60–7370	Bolt	59	2	4
60–7370	Bolt	48	5	1
60–7370	Bolt	59	7	16
60–7370	Bolt	58	12	5
60–7480	Bolt	62	10	2
60–7480	Bolt	57	26	4
60–9760	Nut – Lock	79	11	1
60–9760	Nut – Lock	87	13	1
60–9770	Piston	79	10	1
61–2790	Filler – Screen	23	34	1
61–4990	Ring – Retaining	79	3	1
62–5550	Decal	4	47	1
62–6450	Kit – Retaining Ring	35	28	1
62–6460	Sealant – RTV (Tube)	35	*	1
62–7650	Gasket – Level Sensing Unit	22	1	1
63–0660	Pulley – Drive	82	51	1
63–0660	Pulley – Wing Deck Drive	91	14	2
63–1540	Pulley – Idler	81	15	3
63–1540	Pulley – Idler	91	24	6
63–4740	Bolt	53	7	17
63–7430	Gauge – Temperature	13	8	1
63–7590	Relay	72	19	1
63–8280	Head – Fuel Filter	70	4	1
63–8290	Vent – Air	70	5	1
63–8310	Valve – Drain	70	8	1
63–8360	Key – Ignition	14	11	1
66–1340	Decal – Danger	83	23	1
66–1340	Decal – Danger	84	33	1
66–1340	Decal – Danger	90	37	2
66–1340	Decal – Danger	82	60	1
66–2490	Hold–Down – Battery	72	16	2
66–2940	Gauge – Fuel	13	25	1
66–2950	Hourmeter	13	26	1
66–3241	Cap – Radiator	44	5	1
66–6140	Decal – TORO	43	27	1
66–8530	Track – Adjustment	2	3	1
67–4510	Sending Unit – Temperature	46	4	1
67–5360	Decal – Danger	83	25	1
67–5360	Decal – Danger	84	31	1
67–5360	Decal – Danger	90	39	4
67–7160	Block – Fuse	11	24	4
67–7561	Cup – Anti Scalp	93	13	1
67–9560	Shell – Seat	1	2	1
68–6150	Breather	44	50	1
68–7571	Strip – Sealing	23	24	1
68–7572	Strip – Sealing	22	18	1
68–8080	Wheel – Steering	4	10	1
69–0030	Spring – Compression	36	30	2
69–0040	Foam – Lower Grille	42	20	1
69–0060	Screw – Cap Hex. Hd.	72	28	1
69–0060	Screw – Cap Hex. Hd.	46	39	16
69–0090	Pin – Clevis Engine End	18	*	1
69–0100	Frame – Assembly	28	49	1
69–0760	Bracket – Arm Rest L.H.	1	*	1
69–0770	Bracket – Arm Rest R.H.	1	18	1
69–0820	Decal – H.O.C.	82	57	1
69–0880	Decal – Torque	80	30	1
69–0880	Decal – Torque	90	38	2
69–0890	Decal – Belt Routing L.H.	90	36	1
69–0900	Decal – Belt Routing R.H.	90	*	1
69–0920	Decal – Hydraulic Oil	30	8	1
69–0930	Decal – Warning	22	12	1
69–0940	Decal – Caution	30	39	1
69–0950	Decal – 580D	43	26	2
69–0960	Panel – Diagnostic	29	4	1
69–0970	Panel – Control	4	46	1
69–0980	Panel – Lever	14	1	1
69–0990	Panel – Control	14	6	1
69–1130	Louver – Middle	42	8	1
69–1140	Louver – Lower	42	31	1
69–1170	Gauge – Sight	23	2	1
69–1180	Armrest	1	20	2
69–1380	Panel – Side R.H.	43	*	1
69–1390	Panel – Side L.H.	43	12	1
69–1510	Spacer – Caster	80	2	12
69–1510	Spacer – Castor	90	35	48
69–1530	Housing – Spindle	93	8	1
69–1540	Pivot – Spring	78	34	1
69–1560	Lever – Lock	4	1	1
69–1580	Anchor – Latch L.H.	86	55	1
69–1600	Anchor – Latch R.H.	86	*	1
69–1610	Adapter – Suction Hose	23	8	1
69–1630	Arm – Latch Pivot	88	12	4
69–1640	Radiator	44	12	1
69–1650	Screen – Suction	23	17	1
69–1660	Mount – Engine	46	40	4
69–1670	Cooler – Oil	44	32	1
69–1680	Fan	47	62	1
69–1690	Clutch – Fan	47	64	1
69–1700	Hydraulic Filter Assembly	24	19	1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
69–1710	Indicator – Filter	24	25	1
69–1720	Element – Filter	24	21	
69–1730	Planetary Gear Drive Assy.	32	32	2
69–1740	Spindle	35	3	1
69–1750	Fuel Filter Assembly	46	44	1
69–1750	Fuel Filter Assembly	70	*	1
69–1760	Sensor – Water	70	9	1
69–1770	Element – Spin–On	70	11	1
69–1780	Lift Valve Assembly	19	2	1
69–1790	Plunger	20	37	2
69–1800	Plug Assembly	20	32	3
69–1810	Spring	20	33	3
69–1820	Spring – Black	20	21	1
69–1830	Plug Assembly	20	16	1
69–1840	Plunger	20	31	1
69–1860	Gerotor	5	16	1
69–1880	Spacer	5	17	1
69–1890	Air Cleaner Assembly	46	15	1
69–1900	Element Assembly	69	5	1
69–1910	Clamp Assembly	69	4	1
69–1920	Baffle	69	2	1
69–1930	Cup Assembly	69	1	1
69–1940	Indicator – Electrical	47	71	1
69–1950	Band – Air Cleaner	46	28	2
69–1960	Hydraulic Cylinder Assembly	75	42	2
69–1960	Steering Cylinder (Complete)	77	*	2
69–1970	Joint – Ball	77	17	1
69–1980	Nut – Jam	77	16	1
69–1990	Nut – Lock	77	14	1
69–2000	Piston	77	11	1
69–2020	Rod – Piston	77	4	1
69–2030	Ring – Head	77	7	1
69–2050	Hydraulic Pump Assembly	25	8	1
69–2060	Shaft End Cover Assembly	26	18	1
69–2070	Plate – Flex	26	5	4
69–2070	Plate – Flex	92	7	2
69–2080	Center Section Assembly	26	7	2
69–2090	Gear/Shaft – Rear Drive	26	8	1
69–2100	Rear Cover Assembly	26	11	1
69–2110	Coupling	26	1	1
69–2120	Seal – O–Ring	26	10	2
69–2130	Plug	92	14	1
69–2130	Plug	26	19	1
69–2140	Screw – Cap Hex. Hd.	26	14	4
69–2150	Screw – Cap Hex. Hd.	26	13	4
69–2160	Port Section Assembly	26	16	1
69–2170	Adapter Section Assembly	26	2	1
69–2200	Seal – O–Ring	26	6	2
69–2210	Seal – O–Ring	26	15	1
69–2220	Pump/Valve	37	52	1
69–2230	Flow Divider Assembly	39	30	1
69–2240	Screw	39	32	4
69–2250	Bearing – Sleeve	39	20	4
69–2260	Seal – Load	39	17	1
69–2270	Seal – Pre–Load	39	18	1
69–2280	Shaft/Gear – Idler	39	15	1
69–2290	Shaft/Gear – Drive	39	28	1
69–2300	Ring – Retaining	39	26	1
69–2310	Seal – Shaft	39	27	1
69–2320	Plate – Wear	39	16	1
69–2330	Body Assembly	39	21	1
69–2340	Pin – Dowel	39	14	2
69–2350	Ring – Sealing	39	19	1
69–2360	Screw	39	23	4
69–2370	Washer	39	22	4
69–2380	Screw	39	24	4
69–2390	Washer	39	25	4
69–2400	Seal – O–Ring	39	29	1
69–2410	Plug	39	1	2
69–2420	Seal – O–Ring	39	2	2
69–2430	Spring – Compression	39	5	1
69–2440	Orifice	39	4	1
69–2450	Piston	39	3	1
69–2460	Cap	39	6	1
69–2470	Gasket – Cap	39	7	1
69–2480	Screw – Set	39	8	1
69–2490	Spring – Compression	39	9	1
69–2500	Poppet	39	10	1
69–2510	Seat	39	11	1
69–2520	Plug – Pipe	39	31	1
69–2530	Seal – O–Ring	39	12	1
69–2540	Cover Assembly	39	13	1
69–2550	Repair Kit – Pump	39	*	1
69–2560	Repair Kit – Pump & Divider	39	*	1
69–2570	Head	79	4	1
69–2580	Shaft w/clevis	79	1	1
69–2640	Master Cylinder Assembly	7	9	1
69–2650	Boot – Rod	8	1	1
69–2660	Ring – Retaining	8	2	1
69–2730	Piston Assembly	8	*	1
69–2740	Bail – Cover	8	12	1
69–2750	Cover – Reservoir	8	9	1
69–2760	Gasket – Diaphragm	8	10	1
69–2770	Seat – Tube	8	11	1
69–2960	Hub – Rear Wheel	75	19	2
69–2970	Cap – Hub	75	27	2
69–2980	Seal – Inner	75	32	2
69–2990	Screw – Drive	75	18	10
69–3010	Strap – Hold Down	43	6	4
69–3020	Handle – Latch	42	16	2
69–3020	Latch	44	20	8
69–3030	Strike – Latch	42	13	8
69–3050	Motor – Hydraulic Wheel	32	44	2
69–3070	Washer – Lock	41	62	10
69–3070	Washer – Plain	34	2	10
69–3080	Plug	41	60	6
69–3090	Adapter – Suction	41	79	1
69–3100	Screw	41	82	1
69–3110	Screw	41	73	2
69–3120	Plug	41	95	1
69–3130	Plug	40	9	1
69–3130	Plug – Hole	34	33	1
69–3140	Bracket – Lifting	41	58	1
69–3150	Screw – Hex. Hd.	41	61	10
69–3150	Screw Hex. Hd.	34	1	10
69–3160	Seal –O–Ring	41	74	3
69–3170	Ring – Retaining	34	19	2
69–3170	Ring – Retaining	40	31	2
69–3180	Shaft Pump	40	37	1
69–3190	Seal – Lip	34	18	1
69–3190	Seal – Lip	40	30	1
69–3200	Ring – Retaining	34	17	2
69–3200	Ring – Retaining	40	29	2
69–3210	Bearing – Ball	34	20	1
69–3210	Bearing – Ball	40	32	1
69–3220	Screw	40	28	1
69–3230	Pin – Spring	40	12	1
69–3230	Pin – Spring	34	32	1
69–3240	Bearing – Journal	40	25	2
69–3250	Swashplate – Variable	40	24	1
69–3370	Bearing – Needle	40	13	1
69–3370	Bearing – Needle	34	31	1
69–3390	Gerotor Assembly	41	89	1
69–3400	Screw Hex. Hd.	41	83	3
69–3410	Adapter – A Flange	41	85	1
69–3420	Ring – Temper Load	41	86	1
69–3430	Key – Woodruff	41	84	1
69–3440	Seal – O–Ring	41	87	1
69–3450	Pin	34	30	1
69–3450	Pin	40	41	1
69–3460	Plug Expansion	41	80	1
69–3470	Pin	40	36	1
69–3500	Bearing – Sleeve	34	13	1
69–3500	Sleeve – Bearing	40	34	1
69–3510	Pin	34	14	1
69–3510	Pin	40	35	1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
69–3520	Pin	40	26	2
69–3520	Pin – Spring	34	23	2
69–3540	Cover – Gerotor	41	88	1
69–3550	Pin	41	81	1
69–3560	Seal – O–Ring	34	38	2
69–3560	Seal – O–Ring	41	55	2
69–3570	Ring – Piston	34	39	2
69–3570	Ring – Piston	41	56	2
69–3580	Guide – Spring	40	8	1
69–3590	Ring – Retaining	40	7	1
69–3600	Nut – Hex.	40	6	1
69–3610	Nut – Jam	40	5	1
69–3620	Cover – Servo Adjustment	40	1	1
69–3630	Nut Special	40	2	1
69–3640	Cover –Servo	40	3	1
69–3650	Piston – Servo	40	53	1
69–3660	Screw – Special	41	91	1
69–3670	Spring – Compression	41	93	1
69–3680	Stop – Servo	41	92	1
69–3690	Bearing	41	54	2
69–3700	Guide – Spring	41	90	1
69–3710	Gasket – Servo	40	4	2
69–3710	Gasket – Servo Cover	34	41	2
69–3720	Cover – Servo	34	43	2
69–3720	Cover Servo	41	57	1
69–3730	Valve – Relief	41	78	2
69–3740	Spring – Compression	41	72	2
69–3750	Seal –O–Ring	41	77	2
69–3760	Plug Special	41	71	2
69–3770	Shim	41	69	1
69–3780	Plug	41	67	1
69–3790	Spring Compression	41	70	1
69–3800	Valve	41	65	1
69–3810	Valve – By Pass	41	66	1
69–3820	Sleeve – Control Valve	40	42	1
69–3830	Spool – Rotary Valve	40	46	1
69–3840	Seal – O–Ring	40	52	1
69–3860	Screw – Flange Hd.	40	49	1
69–3870	Handle – Control Valve	40	50	1
69–3880	Spring – Neutral Return	40	45	1
69–3890	Bracket – Neutral Return	40	48	1
69–3900	Washer	40	51	1
69–3910	Cylinder Block Assembly	40	39	1
69–3910	Cylinder Block Kit	34	27	1
69–3920	Piston Ring & O–Ring Kit	34	*	1
69–3940	Plug	34	29	1
69–3950	Shaft – Motor	34	25	1
69–3960	Screw	34	21	1
69–3970	Bearing – Journal	34	22	2
69–3980	Swashplate – Variable	34	24	1
69–3990	Plate – Motor Valve	34	28	1
69–4020	Piston – Servo	34	37	1
69–4030	Spring – Servo	34	40	1
69–4040	Stop – Servo Piston	34	42	1
69–4060	Counterbalance Manifold	21	*	1
69–4060	Counterbalance Manifold	19	26	1
69–4070	Manifold – Counter Balance	21	14	1
69–4080	Valve – Hydraulic Cartridge	21	1	1
69–4090	Valve – Hydraulic Cartridge	21	36	1
69–4100	Valve – Hydraulic Cartridge	21	15	1
69–4110	Valve – Hydraulic Cartridge	21	30	2
69–4120	Valve – Hydraulic Cartridge	21	10	1
69–4130	Plug – Orifice .047	21	39	2
69–4140	Plug – Orifice .120	21	38	1
69–4150	PTO Manifold Assembly	74	*	1
69–4150	PTO Manifold Assembly	72	1	1
69–4170	Valve – Cartridge (600 lbs)	73	5	3
69–4180	Valve – Cartridge (3000 lbs)	73	8	3
69–4190	Valve – Cartridge (20 lbs)	73	40	3
69–4200	Valve – Cartridge (75 lbs)	73	38	3
69–4220	Plug – Orifice	74	47	1
69–4230	Cartridge Valve Seal Kit	74	*	6
69–4240	Kit – Seal	21	11	1
69–4250	Kit – Seal	21	29	3
69–4260	Solenoid Valve Seal Kit	74	*	3
69–4270	Cartridge Valve Seal Kit	74	*	6
69–4280	Tube – Hydraulic Vent	23	33	1
69–4320	Fitting – Hydraulic 90°	81	8	1
69–4400	Carrier –Wing Deck	86	54	1
69–4780	Clamp – Gauge	13	23	2
69–5350	Hose – Air Cleaner Inlet	46	13	1
69–5360	Hose – Air Cleaner	46	17	1
69–5370	Hose – Auxiliary Suction	23	14	1
69–5380	Hose – Upper Radiator	44	4	1
69–5390	Hose – Lower Radiator	44	10	1
69–5410	Manifold – Return	24	10	1
69–5430	Pulley – Idler	84	7	1
69–5430	Pulley–Idler	81	25	1
69–5440	Hose – Hydraulic	78	12	3
69–5440	Hose – Hydraulic	24	30	1
69–5440	Hose – Hydraulic	38	58	1
69–5450	Hose – Hydraulic	38	56	1
69–5460	Hose – Hydraulic	37	18	1
69–5460	Hose – Hydraulic	24	14	1
69–5470	Hose – Hydraulic	27	16	1
69–5470	Hose – Hydraulic	38	57	1
69–5480	Hose – Hydraulic	27	17	1
69–5480	Hose – Hydraulic	38	59	1
69–5490	Hose – Cylinder	85	39	4
69–5500	Hose – Hydraulic	4	33	4
69–5510	Hose – Hydraulic	75	1	4
69–5590	Hose – Hydraulic	73	1	2
69–5590	Hydraulic Hose Assembly	25	1	2
69–5600	Hose – Hydraulic	73	9	1
69–5610	Hose – Hydraulic	73	17	1
69–5620	Hose – Hydraulic	44	29	1
69–5640	Hose – Hydraulic	25	12	1
69–5640	Hose – Suction	23	12	1
69–5650	Hose – Hydraulic	24	18	1
69–5650	Hose – Hydraulic	37	22	1
69–5670	Cable – Brake	6	22	2
69–5680	Tube – Hydraulic	19	20	1
69–5680	Tube – Hydraulic	21	9	1
69–5700	Tube – Hydraulic	19	18	1
69–5710	Tube – Hydraulic	21	20	1
69–5720	Tube – Hydraulic	19	17	1
69–5730	Tube – Hydraulic	21	33	1
69–5740	Tube – Hydraulic	19	19	1
69–5790	Tube – Hydraulic	27	37	1
69–5800	Tube – Hydraulic	23	20	1
69–5800	Tube – Hydraulic	30	28	1
69–5810	Tube – Hydraulic Return	28	*	1
69–5820	Tube – Hydraulic	21	31	1
69–5830	Tube – Hydraulic	21	32	1
69–5850	Tube – Hydraulic	21	18	1
69–5860	Tube – Hydraulic	19	16	1
69–5860	Tube – Hydraulic	21	34	1
69–5870	Tube – Hydraulic	19	22	1
69–5870	Tube – Hydraulic	21	28	1
69–5890	Tube – Hydraulic	21	5	1
69–5890	Tube – Hydraulic	19	21	1
69–5900	Tube – Hydraulic	44	31	1
69–5910	Tube – Hydraulic	21	19	1
69–5910	Tube – Hydraulic Diagnostic	29	6	1
69–5920	Tube – Diagnostic	29	8	1
69–5920	Tube – Hydraulic	21	37	1
69–5930	Tube – Hydraulic R.H.	32	*	1
69–5940	Tube – Hydraulic L.H.	32	2	1
69–5950	Tube – Hydraulic	24	32	1
69–5950	Tube – Hydraulic	28	57	1
69–5970	Tube – Hydraulic R.H.	85	*	1
69–5980	Tube – Hydraulic L.H.	85	21	1
69–5990	Tube – Hydraulic	24	12	1
69–5990	Tube – Hydraulic	86	53	1
69–6000	Tube – Hydraulic	24	11	1
69–6000	Tube – Hydraulic	86	49	1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
69–6010	Tube – Hydraulic	76	50	1
69–6020	Tube – Hydraulic	76	51	1
69–6030	Tube – Hydraulic	27	35	1
69–6030	Tube – Hydraulic	86	46	1
69–6040	Tube – Hydraulic	27	34	1
69–6040	Tube – Hydraulic	86	50	1
69–6050	Tube – Hydraulic	27	33	1
69–6050	Tube – Hydraulic	86	51	1
69–6060	Tube – Hydraulic	27	38	1
69–6060	Tube – Hydraulic	86	47	1
69–6070	Tube – Hydraulic	30	36	1
69–6070	Tube – Hydraulic	86	48	1
69–6080	Tube – Hydraulic	30	35	1
69–6080	Tube – Hydraulic	86	52	1
69–6100	Tube – Hydraulic Pressure	28	50	1
69–6110	Hydraulic Tube Assembly	25	13	1
69–6120	Tube – Hydraulic	30	16	1
69–6130	Tube – Hydraulic	30	15	1
69–6140	Tube – Hydraulic	73	45	1
69–6140	Tube – Hydraulic R.H.	85	*	1
69–6150	Tube – Hydraulic	73	46	1
69–6150	Tube – Hydraulic R.H.	85	*	1
69–6160	Tube – Hydraulic	73	11	1
69–6170	Tube – Hydraulic	73	21	1
69–6170	Tube – Hydraulic L.H.	85	6	1
69–6180	Tube – Hydraulic	73	20	1
69–6180	Tube – Hydraulic L.H.	85	22	1
69–6190	Tube – Hydraulic	27	23	1
69–6200	Tube – Hydraulic	27	22	1
69–6240	Fitting – Hydraulic 90°	25	3	2
69–6250	Engine – Assembly	46	9	1
69–6260	Magnet	11	6	1
69–6260	Magnet – Cover	83	15	2
69–6260	Magnet – Cover	84	15	2
69–6260	Magnet – Cover	81	32	4
69–6260	Magnet – Cover	91	20	8
69–6270	Fork – Castor	80	24	2
69–6340	Plate – Motor Mounting R.H.	91	*	1
69–6360	Plate – Motor Mounting L.H.	91	3	1
69–6390	Plate – Gearbox	82	52	1
69–6420	Bar – Lift L.H.	90	18	1
69–6470	Bushing – Flange	89	5	8
69–6470	Bushing – Flange	75	6	6
69–6470	Bushing – Flange	90	16	20
69–6470	Bushing – Flange	80	26	4
69–6470	Bushing – Flange	78	29	4
69–6470	Bushing – Flange	85	30	4
69–6480	Bar – Lift R.H.	90	*	1
69–6490	Plate – Tension	81	43	1
69–6550	Arm – Tension	81	38	1
69–6610	Arm – Idler	81	23	1
69–6610	Idler Arm Assembly	84	27	1
69–6640	Hinge – Left Front	83	13	1
69–6670	Hinge – Left Rear	83	17	1
69–6690	Hinge – Right Front	84	28	1
69–6710	Hinge – Right Rear	84	23	1
69–6730	Skid	83	7	1
69–6730	Skid	90	21	4
69–6730	Skid	84	29	1
69–6760	Shaft – Spindle	93	10	1
69–6780	Cover – Center Left	81	30	1
69–6790	Cover – Center Right	82	54	1
69–6800	Cover – Inner L.H.	91	1	1
69–6810	Cover – Outer L.H.	91	16	1
69–6820	Cover – Inner R.H.	91	*	1
69–6830	Cover – Outer R.H.	91	*	1
69–6840	Cover – Right Wing	84	2	1
69–6850	Cover – Left Wing	83	22	1
69–6860	Washer – Castor	80	25	8
69–6860	Washer – Thrust	90	33	28
69–6870	Plate – Magnet	84	3	2
69–6870	Plate – Magnet	91	18	8
69–6870	Plate – Magnet	83	21	2
69–6870	Plate – Magnet	81	31	4
69–6890	Spacer – Spring	81	47	1
69–6900	Shaft – Hinge	83	14	1
69–6900	Shaft – Hinge	84	20	1
69–6910	Bracket – Support	84	11	1
69–6910	Bracket – Support	83	19	1
69–6920	Blade – 20	93	12	1
69–6960	Spacer – Idler	81	14	4
69–6960	Spacer – Idler	91	23	6
69–6970	Spacer – Idler	84	17	1
69–6970	Spacer – Idler	81	26	1
69–6980	Valve – Check	4	38	1
69–6990	Lever – Valve Mid.	19	*	1
69–7000	Lever – Valve R.H.	19	*	1
69–7010	Lever – Valve L.H.	19	5	1
69–7040	Holder – Cup	11	13	1
69–7100	Support – Radiator Lower	44	24	1
69–7120	Grille – Upper	42	27	1
69–7150	Grille – Lower	42	23	1
69–7170	Clevis – Deck	90	10	2
69–7200	Tube – Vent	22	14	1
69–7210	Tube – Latch	88	5	2
69–7290	Mount – Ball Joint	80	5	2
69–7420	Axle – Rear	75	16	1
69–7570	Bracket – Front Engine	46	*	1
69–7580	Bracket – Front Engine	46	42	1
69–7650	Pedal – Traction	9	24	1
69–7700	Pedal – Brake	7	3	1
69–7700	Pedal – Brake	6	20	2
69–7720	Pawl – Brake	6	7	1
69–7740	Support – Steering Gear	4	21	1
69–7760	Link – Steering Gear	4	19	1
69–7790	Pin – Brake Arm	6	11	1
69–7810	Bracket – Valve	19	11	1
69–7840	Mount – Brake Arm	6	16	1
69–7880	Arm – Brake L.H.	6	23	1
69–7890	Arm – Brake R.H.	6	2	1
69–7920	Support – Lift Arm L.H.	78	27	2
69–7940	Support – Lift Arm R.H.	78	4	2
69–7960	Support – Axle	75	12	2
69–8040	Arm – Throttle	18	4	1
69–8080	Cover – Tool Box	10	3	1
69–8110	Box – Tool	10	1	1
69–8160	Tower – Steering	4	31	1
69–8210	Support – Cover	11	26	1
69–8230	Bracket – Trim L.H.	43	17	1
69–8250	Bracket – Trim R.H	43	20	1
69–8290	Frame – Battery	72	33	1
69–8390	Pulley – Spindle	93	4	1
69–8410	Screw – Cap Hex. Hd.	46	34	4
69–8420	Washer – Lock	46	35	4
69–8430	Hose – Hydraulic	44	18	2
69–8440	Hose – Hydraulic	78	9	1
69–8440	Hose – Hydraulic	24	31	1
69–8450	Hose – Hydraulic	44	30	1
69–8460	Fitting – Hydraulic Straight	47	55	2
69–8470	Spring – Torsion	78	32	1
69–8480	Spring – Compression	88	6	2
69–8490	Bracket – Throttle Cable	46	36	1
69–8500	Shim – Hinge Bracket	43	21	6
69–8510	Cover – Steering Tower	4	41	1
69–8520	Bracket – Hinge	43	28	2
69–8590	Support – Radiator Upper	44	2	1
69–8650	Cowl – Radiator	42	10	1
69–8690	Support – Grille	42	15	1
69–8750	Arm – Brake	7	1	1
69–8790	Plate – Reinforcing	80	4	2
69–8790	Plate – Reinforcing	90	4	2
69–8830	Arm – Inside Castor	90	1	2
69–8860	Arm – Castor R.H.	80	7	1
69–8890	Cap – Spindle	75	13	2
69–8900	Spacer	28	52	2
69–8910	Washer	36	3	2

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
69–8910	Washer	28	51	4
69–8920	Washer	30	4	4
69–8930	Washer	27	26	4
69–8940	Washer	27	5	12
69–8940	Washer	85	16	20
69–8950	Spacer	30	5	2
69–8960	Spacer	27	27	2
69–8970	Spacer	85	17	10
69–8970	Spacer	27	31	6
69–8980	Washer	30	30	8
69–8990	Spacer	30	33	4
69–9000	Spacer	85	9	4
69–9010	Washer	85	10	8
69–9020	Nut – Special	37	26	1
69–9030	Post – Neutral Device	9	14	1
69–9040	Cam – Neutral Device	37	31	1
69–9050	Bar – Neutral Device	37	45	1
69–9070	Bracket – Clamp	47	58	1
69–9100	Washer – Latch	88	7	2
69–9110	Rod – Engine Run Solenoid	46	49	1
69–9120	Rod – Hood Prop	72	5	1
69–9130	Bracket – Throttle	18	11	1
69–9140	Link – Valve Lever	19	6	3
69–9150	Shaft – Valve Lever	19	9	1
69–9180	Pin – Cylinder	78	17	2
69–9190	Bushing – Cylinder	85	38	2
69–9190	Tube – Cylinder Bushing	78	15	2
69–9200	Pin – Brake Pawl	6	8	1
69–9210	Lever – Brake Latch	6	4	1
69–9220	Support – Tube Clamp	25	17	2
69–9230	Shaft – Steering Pivot	4	2	1
69–9240	Roller – Cam	89	16	2
69–9250	Shaft – Roller	89	18	2
69–9260	Pin – Clevis	80	29	2
69–9290	Pad – Bumper	81	17	2
69–9300	Cushion – Rubber	89	8	2
69–9300	Cushion – Rubber	85	34	2
69–9300	Cushion – Rubber	28	41	2
69–9310	Plate – Lever	14	20	1
69–9330	Cover	30	1	1
69–9340	Rod – Brake	7	15	1
69–9350	Bracket – Hood Prop Rod	72	2	1
69–9360	Bracket – Fuel Filter	46	53	1
69–9370	Louver – Top	42	6	2
69–9390	Shaft – Pedal	9	11	1
69–9400	Bracket – Hose Support	76	49	1
69–9420	Muffler	46	11	1
69–9430	Foam – Tool Box	10	2	1
69–9440	Panel – Steering Tower	4	4	1
69–9450	Bracket – Wing Hose L.H.	85	7	1
69–9460	Bracket – Wing Hose R.H.	85	*	1
69–9470	Cover – Access	28	63	1
69–9480	Bracket – Neutral Device	37	28	1
69–9520	Panel – Rear	43	9	1
69–9530	Bracket – Air Cleaner	46	29	1
69–9540	Bracket – Steering Gear	4	18	1
69–9550	Plate – Adapter	46	31	1
69–9560	Housing – Control	11	1	1
69–9570	Front Lift Arm Assy. R.H.	78	43	1
69–9580	Front Lift Arm Assy. L.H.	78	39	1
69–9650	Screen – Cowl	42	9	2
69–9680	Shaft – Latch	88	10	2
69–9700	Mount – Rubber	90	5	8
69–9710	Nut – Lock	47	63	4
69–9720	Strip – Sealing	42	28	2
69–9721	Strip – Sealing	42	18	3
69–9722	Trim – Sealing	42	35	1
69–9723	Seal – Hood Bottom	43	15	2
69–9724	Seal – Hood Front	43	29	1
69–9730	Switch – Toggle	14	18	1
69–9740	Switch – Toggle	14	14	1
69–9760	Plate – Cover	30	10	3
69–9761	Plate – Clamp	72	36	1
69–9761	Plate – Cover	85	13	1
69–9761	Plate – Cover	30	14	5
69–9761	Plate – Cover	24	43	3
69–9761	Plate – Cover	47	78	1
69–9800	Tire	32	28	2
69–9810	Joint – Ball	77	2	1
69–9880	Tire	75	22	2
69–9940	Nut – Jam	32	40	4
69–9950	Spring – Extension	32	37	4
69–9960	Link	32	36	4
69–9970	Stud	32	35	4
69–9980	Ball	32	39	6
69–9990	Disc – Actuating	32	38	4
70–2800	Pulley Assembly	50	2	1
70–2810	Spring – Return	50	14	2
70–2820	Bolt	62	21	2
70–2830	Bolt	62	20	3
70–2830	Bolt – Cap Hex. Hd.	61	17	2
70–2840	Bolt	62	17	1
70–2850	Bolt	51	22	2
70–2850	Bolt	63	42	4
70–2860	Bolt	52	17	4
70–2860	Bolt	51	33	1
70–2870	Bolt	54	1	4
70–2880	Bolt	56	6	4
70–2890	Bolt	51	15	2
70–2890	Bolt	55	34	1
70–2900	Bolt	58	18	11
70–2900	Bolt	51	19	1
70–2910	Bolt	51	4	1
70–2920	Bolt	51	20	3
70–2930	Bolt	52	19	9
70–2930	Bolt	53	22	4
70–2940	Bolt	48	12	2
70–2950	Stud	51	30	4
70–2960	Nut	62	23	2
70–2970	Nut	54	4	8
70–2980	Nut	62	39	4
70–2990	Washer	52	3	1
70–2990	Washer	51	16	1
70–2990	Washer	57	28	4
70–2990	Washer	62	30	4
70–3000	Pin	55	4	2
70–3010	O–Ring	60	23	1
70–3020	Ring	56	20	8
70–3030	Tube	57	4	1
70–3040	Hose	61	14	1
70–3050	Bolt	54	28	1
70–3060	Gasket	61	1	2
70–3070	Gasket	57	33	1
70–3080	Gasket	55	23	1
70–3090	Clamp	57	3	1
70–3090	Clamp – Hose	61	13	2
70–3100	Plug	53	13	1
70–3110	Plug – Drain	58	11	1
70–3120	Plug	55	22	1
70–3130	Gasket	59	4	1
70–3140	Pipe	62	36	1
70–3150	Pipe	62	37	1
70–3160	Screw	54	5	8
70–3170	Nut	56	11	1
70–3180	Clamp	62	18	3
70–3190	Clamp	62	19	3
70–3200	Washer	63	50	1
70–3210	Packing	63	48	4
70–3220	O–Ring	57	2	1
70–3230	Plug	58	14	1
70–3230	Plug	53	15	1
70–3240	Plug	63	51	1
70–3250	Bolt	63	47	2
70–3260	Armature Assembly	49	12	1
70–3270	Spring – Brush	49	18	4
70–3280	Cover Assembly Front	49	6	1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
70–3290	Brush Holder Assembly	49	17	1
70–3300	Yoke Assembly	49	19	1
70–3310	Bolt Set	49	14	1
70–3320	Bearing	50	8	1
70–3330	Bearing	49	13	1
70–3340	Connector	61	11	1
70–3340	Connector	57	34	1
70–3350	Cap	55	11	6
70–3360	Cap	53	16	4
70–3370	Cap	55	25	3
70–3380	Cap	53	19	15
70–3390	Plug	53	17	4
70–3400	Plug	55	6	6
70–3410	Plug	55	13	1
70–3420	Clip	57	5	1
70–3430	Clamp – Hose	61	5	3
70–3440	Clamp – Hose	61	9	1
70–3450	V–Belt	51	1	1
70–3460	Washer	62	40	8
70–3470	Washer – Drain Plug	58	10	1
70–3480	Stud	61	4	6
70–3490	Cover	65	41	1
70–3500	Holder	65	50	4
70–3510	Stopper	65	49	4
70–3520	Spring	65	48	4
70–3530	Gasket	65	46	4
70–3540	Valve Assembly	65	45	4
70–3550	Element Assembly	65	44	4
70–3560	Pinion	64	12	4
70–3570	Screw	64	11	4
70–3580	Sleeve	64	13	4
70–3590	Seat	64	14	4
70–3600	Spring	64	15	4
70–3610	Seat	64	16	4
70–3620	Body	64	19	4
70–3630	Tappet Assembly	65	*	1
70–3640	Pin	64	18	4
70–3650	Bushing	64	20	4
70–3660	Roller	64	21	4
70–3670	Plug	64	22	4
70–3680	Camshaft	65	30	1
70–3690	Ring	64	8	1
70–3700	Ring	65	38	1
70–3710	Plate – 0.10	64	7	A/R
70–3720	Plate – 0.12	64	*	A/R
70–3730	Plate – 0.14	64	*	A/R
70–3740	Plate – 0.16	64	*	A/R
70–3750	Plate – 0.18	64	*	A/R
70–3760	Plate – 0.50	64	*	A/R
70–3770	Plate – 0.30	64	*	A/R
70–3780	Plate – 0.1	65	37	A/R
70–3790	Plate – 0.15	65	*	A/R
70–3800	Plate – 0.3	65	*	A/R
70–3810	Plate – 0.5	65	*	A/R
70–3820	Cover	65	35	1
70–3830	Gasket	65	31	1
70–3840	Rack	64	2	1
70–3850	Screw	65	42	1
70–3860	Washer	64	3	2
70–3870	Washer	65	40	2
70–3870	Washer	68	12	4
70–3880	Plate	64	1	2
70–3890	Washer	66	31	2
70–3900	Packing	64	9	2
70–3910	Washer	65	25	2
70–3920	Cover Assembly	65	*	1
70–3930	Gasket	64	5	1
70–3940	Plate	65	28	2
70–3950	Screw	64	10	2
70–3960	Valve	64	4	1
70–3970	Plate – 0.6	64	17	A/R
70–3980	Plate – 0.7	64	*	A/R
70–3990	Plate – 0.8	64	*	A/R
70–4000	Plate – 0.9	64	*	A/R
70–4010	Plate – 1.0	64	*	A/R
70–4020	Plate – 1.1	64	*	A/R
70–4030	Plate – 1.2	64	*	A/R
70–4040	Plate – 1.3	64	*	A/R
70–4050	Plate – 1.4	64	*	A/R
70–4060	Plate – 0.1	64	*	A/R
70–4070	Plate – 0.2	64	*	A/R
70–4080	Plate – 0.3	64	*	A/R
70–4090	Plate – 0.4	64	*	A/R
70–4100	Plate – 0.5	64	*	A/R
70–4110	Plate – 0.15	64	*	A/R
70–4120	Capsule	66	30	1
70–4130	Housing	66	3	1
70–4140	Stopper	66	27	1
70–4150	Gasket	66	6	1
70–4160	Gasket	66	1	1
70–4170	Flyweight Assembly	67	71	1
70–4180	Nut	67	69	1
70–4190	Sleeve	67	68	1
70–4200	Plate	67	67	1
70–4210	Plate	66	8	1
70–4220	Swiveling Lever Assembly	66	12	1
70–4230	Bushing	66	21	2
70–4240	E–Ring	67	59	1
70–4250	Tension Lever Assembly	66	19	1
70–4260	Adapter Assembly	67	*	1
70–4270	Screw	67	60	1
70–4280	Spring	67	62	1
70–4290	Adapter	67	63	1
70–4300	Nut	67	58	1
70–4310	Nut	66	32	1
70–4320	Lever Assembly	66	17	1
70–4330	Bushing	66	38	1
70–4340	Shackle Assembly	66	18	1
70–4350	Shaft	66	24	1
70–4360	Plug	66	23	2
70–4370	Spring	66	13	1
70–4380	Spring	66	16	1
70–4390	Screw	67	56	1
70–4400	Cover	66	25	1
70–4410	Pin	67	57	1
70–4420	Bushing	67	53	1
70–4430	Screw	67	73	1
70–4440	Nut	66	33	1
70–4450	Nut	66	34	1
70–4460	Plate	66	45	1
70–4470	Lever	67	55	1
70–4480	Shaft	67	54	1
70–4490	Cup	66	49	1
70–4500	Spring	66	46	1
70–4510	Spring	66	48	1
70–4520	Spring	66	47	1
70–4530	Cover	66	51	1
70–4540	Slider	67	64	1
70–4550	Plate	66	40	1
70–4560	Adjusting Lever Assembly	66	43	1
70–4570	Stop Lever Assembly	66	50	1
70–4580	Cap	66	20	1
70–4590	Plug	66	5	1
70–4600	Housing Assembly	68	11	1
70–4610	Valve	68	5	2
70–4620	Spring	68	4	2
70–4630	Gasket	68	3	2
70–4640	Support	68	20	1
70–4650	Pump Assembly	68	2	1
70–4660	Rod, Blue Small Dia.	68	19	A/R
70–4670	Rod, Red Small Dia.	68	*	A/R
70–4680	Rod, Yellow Small Dia.	68	*	A/R
70–4690	Rod, Green Small Dia.	68	*	A/R
70–4700	Rod, White Small Dia.	68	*	A/R
70–4710	Rod, Brown Big Dia.	68	*	A/R
70–4720	Piston	68	18	1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
70–4730	Tappet	68	7	1
70–4740	Roller	68	8	1
70–4750	Pin	68	10	1
70–4760	Block	68	6	2
70–4770	Spring	68	17	1
70–4780	Plug	68	15	1
70–4790	Filter	68	13	1
70–4800	Screw	68	14	1
70–4810	Body Assembly	62	8	4
70–4820	Pin	62	5	4
70–4830	Spring	62	6	4
70–4840	Nut	62	1	4
70–4850	Washer 2.15 mm	62	*	A/R
70–4860	Washer 1.00 mm	62	7	A/R
70–4870	Washer 1.05 mm	62	*	A/R
70–4880	Washer 1.10 mm	62	*	A/R
70–4890	Washer 1.275 mm	62	*	A/R
70–4900	Washer 1.325 mm	62	*	A/R
70–4910	Washer 1.775 mm	62	*	A/R
70–4920	Washer 0.95 mm	62	*	A/R
70–4930	Packing	62	4	4
70–4940	Housing Assembly	65	43	1
70–4950	Hose – 90° Elbow	61	8	1
70–4960	Clamp – R	61	21	1
70–4970	Gasket	61	19	1
70–4980	Bolt – Cap Hex Hd.	61	2	1
70–4990	Spring	54	17	8
70–5000	Retainer	54	18	8
70–5010	Tappet	54	11	8
70–5020	Gear – Camshaft	52	8	1
70–5020	Gear – Camshaft	54	22	1
70–5030	Pipe	57	35	1
70–5040	Hose	51	43	1
70–5050	Cover	51	39	1
70–5060	Joint	62	27	1
70–5070	O–Ring	62	35	1
70–5080	Bushing	54	6	8
70–5090	Gasket	53	20	1
70–5100	Gasket	57	7	1
70–5110	Washer	54	31	2
70–5120	Bolt	57	32	1
70–5130	Gasket	53	11	1
70–5140	Plug	53	5	1
70–5150	Rocker Assembly – Intake	54	32	4
70–5160	Rocker Assembly – Exhaust	54	27	4
70–5170	Pipe	54	29	1
70–5180	Rocker Shaft Assembly	54	8	1
70–5190	Spring	54	7	3
70–5200	Bracket	54	33	4
70–5230	Rod – Push	54	10	8
70–5240	Seal	55	15	4
70–5250	Plate	55	31	1
70–5260	Gasket	55	39	1
70–5270	Cover	57	8	1
70–5280	Sleeve	55	41	4
70–5290	Hanger	55	40	1
70–5300	Bolt	55	19	10
70–5310	Fitting – 90° Elbow	61	12	1
70–5320	Pin	55	30	2
70–5330	Gasket	58	5	1
70–5340	Valve	55	32	4
70–5350	Bearing – Main (Std.)	55	14	10
70–5351	Bearing – Main U.S. 0.25mm	55	14	10
70–5352	Bearing – Main U.S. 0.50mm	55	14	10
70–5353	Bearing – Main U.S. 0.75mm	55	14	10
70–5360	Plate – Thrust (Std.)	55	20	3
70–5361	Plate – Thrust O.S. 0.15mm	55	20	3
70–5362	Plate – Thrust O.S. 0.30mm	55	20	3
70–5363	Plate – Thrust O.S. 0.45mm	55	20	3
70–5370	Gasket	52	5	1
70–5380	Pan – Oil	58	7	1
70–5390	Gasket	58	6	1
70–5400	Ring Set – Std.	56	23	4
70–5401	Ring Set – O.S. 0.25mm	56	*	4
70–5402	Ring Set – O.S. 0.50mm	56	*	4
70–5410	Pin	56	21	4
70–5420	Nut	56	10	8
70–5430	Bearing – Rod (Std.)	56	8	8
70–5431	Bearing – Rod U.S. 0.25mm	56	*	4
70–5432	Bearing – Rod U.S. 0.50mm	56	*	4
70–5433	Bearing – Rod U.S. 0.75mm	56	*	4
70–5440	Pulley	56	13	1
70–5450	Idler Assembly	52	9	1
70–5460	Gasket	59	9	1
70–5470	Manifold	59	10	1
70–5480	Pipe – Oil	61	16	1
70–5490	Pipe – Oil	61	15	1
70–5500	Strainer	57	31	1
70–5510	Gasket	57	19	1
70–5520	Union	57	22	1
70–5530	Bracket Assembly	57	23	1
70–5540	Oil Filter Assembly	57	*	1
70–5550	Gasket	57	20	1
70–5560	Gage	58	13	1
70–5570	Breather	57	1	1
70–5570	Breather	53	21	1
70–5580	Stay	57	6	1
70–5590	Connector	51	41	1
70–5600	Water Pump Assembly	51	5	1
70–5610	Impeller	51	11	1
70–5620	Connector	51	9	1
70–5630	Shaft	51	26	1
70–5640	Bracket	51	12	1
70–5650	Gasket	51	7	1
70–5660	Gasket	51	17	1
70–5670	Stay	51	13	1
70–5680	Pulley	51	29	1
70–5690	Elbow	51	36	1
70–5700	Fuel Feed Pump	62	25	1
70–5710	Fuel Filter Assembly	63	*	1
70–5720	Bracket	63	49	1
70–5730	Filter Element Assembly	62	38	1
70–5740	Plate	48	2	1
70–5750	Bracket	48	10	1
70–5760	Alternator Assembly	48	1	1
70–5770	Lever	62	22	1
70–5780	Seal	52	13	1
70–5790	Case	52	4	1
70–5800	Pin	56	7	2
70–5810	Plate	56	14	1
70–5820	Cone	56	12	1
70–5830	Gear – Crankshaft	52	12	1
70–5840	Oil Pump Assembly	57	14	1
70–5850	Cover	57	18	1
70–5860	Starter Assembly	48	7	1
70–5870	Insert – Exhaust	53	9	4
70–5880	Insert – Inlet	53	10	4
70–5890	Flange	53	6	1
70–5900	Cylinder Head Assembly	53	8	1
70–5910	Valve – Inlet	54	20	4
70–5920	Valve – Exhaust	54	19	4
70–5930	Spring	54	16	8
70–5940	Camshaft	54	21	1
70–5950	Connector	55	12	1
70–5960	Crankcase Assembly	55	1	1
70–5970	Housing	58	1	1
70–5980	Piston (Std.)	56	22	4
70–5981	Piston – O.S. 0.25mm	56	*	4
70–5982	Piston – O.S. 0.50mm	56	*	4
70–5990	Connecting Rod – Std.	56	1	4
70–6000	Bushing	56	2	4
70–6010	Bolt	56	19	8
70–6020	Crankshaft Assembly	56	18	1
70–6030	Flywheel Assembly	56	4	1
70–6040	Gear – Injection Pump	52	11	1
70–6050	Manifold	59	5	1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
70–6060	Gasket	59	8	1
70–6070	Pipe	61	7	1
70–6080	Hose	61	6	1
70–6090	Elbow	59	3	1
70–6100	Pipe – No. 2	62	12	1
70–6110	Pipe – No. 4	62	14	1
70–6120	Pipe	63	41	1
70–6130	O–Ring	62	33	1
70–6140	Washer	63	43	4
70–6150	Gasket	63	45	4
70–6160	Nozzle Assembly	63	46	4
70–6170	Nozzle Tip Assembly	62	2	4
70–6180	Injection Pump	62	26	1
70–6190	Pipe – No. 1	62	11	1
70–6200	Pipe – No. 3	62	13	1
70–6210	Flange	62	34	1
70–6220	Gland	63	44	4
70–6230	Coupling Assembly	60	17	1
70–6240	Gasket	61	10	1
70–6250	Gasket	59	11	1
70–6250	Gasket	61	20	1
70–6260	Plate	60	21	1
70–6270	O–Ring	60	7	1
70–6280	Deflector	60	9	1
70–6290	Insert	60	8	1
70–6300	Ring	60	6	1
70–6310	Ring	60	10	1
70–6320	Wheel	60	5	1
70–6330	Nut	60	4	1
70–6340	Cover	60	3	1
70–6350	Ring	60	20	1
70–6360	Plate	60	2	1
70–6370	Bearing	60	14	2
70–6380	Bearing	60	12	1
70–6390	Ring	60	15	2
70–6400	Ring	60	18	1
70–6410	Sleeve	60	11	1
70–6420	Ring	60	13	1
70–6430	Turbocharger Assembly	59	12	1
70–6440	Cartridge Assembly	60	*	1
70–6450	Housing	60	16	1
70–6460	Bearing Housing Assembly	60	22	1
70–6470	Shaft & Turbine Wheel Assy.	60	19	1
70–6480	Pin	66	15	1
70–6490	Ring	67	66	1
70–6500	O–Ring	66	37	1
70–6510	O–Ring	66	22	2
70–6520	Bolt	66	10	1
70–6520	Bolt & Washer	66	29	3
70–6530	Bolt	66	7	5
70–6540	Bolt	65	32	4
70–6550	Bolt	66	9	1
70–6560	Nut	67	72	2
70–6570	Washer – 0.1	67	61	A/R
70–6580	Washer – 0.25	67	*	A/R
70–6590	Washer – 0.5	67	*	A/R
70–6600	Washer – 0.2	67	*	A/R
70–6610	Washer – 0.2	67	65	A/R
70–6620	Washer – 0.3	67	*	A/R
70–6630	Washer – 0.4	67	*	A/R
70–6640	Washer – 0.1	67	*	A/R
70–6650	Washer – 1.0	67	*	A/R
70–6660	Washer – 1.0	67	*	A/R
70–6670	Washer	67	70	1
70–6680	Washer	65	34	1
70–6690	Washer	66	35	2
70–6700	Washer	68	16	1
70–6710	Washer	66	4	1
70–6720	Stud	65	27	3
70–6730	Bolt	66	42	1
70–6740	Bolt	66	26	2
70–6750	Bolt	66	41	4
70–6760	Bolt & Washer	66	39	2
70–6770	Nut	66	36	1
70–6780	Nut	65	33	1
70–6790	Packing	66	28	1
70–6800	E–Ring	64	23	4
70–6810	E–Ring	66	11	2
70–6820	Ring	68	9	1
70–6830	Pin	62	3	8
70–6840	Bearing	65	36	1
70–6850	Bearing	64	6	2
70–6860	Key	66	14	1
70–6870	Key	66	2	1
70–6880	Key	65	29	1
70–6890	O–Ring	66	52	1
70–6900	O–Ring	65	26	1
70–6910	O–Ring	65	47	4
70–6920	Seal	66	44	1
70–6930	Screw	64	24	1
70–6940	Screw	68	1	1
70–6940	Screw	65	39	1
70–6990	Level Sensing Unit Assembly	22	2	1
71–0060	Support – Foam	43	8	1
71–0210	Foam – Radiator Seal	44	13	1
71–0220	Foam – Louver Lower	42	11	1
71–0230	Foam – Louver Middle	42	7	1
71–0240	Foam – Louver Top	42	5	2
71–0250	Foam – Hood Top	43	2	1
71–0260	Foam – Hood Side L.H.	43	3	1
71–0270	Foam – Hood Side R.H.	43	1	1
71–0280	Foam – Cowl Top	42	3	1
71–0290	Foam – Cowl Bottom	42	29	1
71–0300	Foam – Low Front Cowl L.H.	42	17	1
71–0310	Foam – Low Front Cowl R.H.	42	*	1
71–0320	Foam – Low Rear Cowl R.H.	42	*	1
71–0330	Foam – Low Rear Cowl L.H.	42	30	1
71–0340	Foam – Rad. Support L.H.	44	36	1
71–0350	Foam – Rad. Support R.H.	44	1	1
71–0360	Foam – Rad. Support Top	44	3	1
71–0370	Foam – Lower Rad. Support	44	34	2
71–0380	Foam – Rad. Support Front	44	42	1
71–0390	Foam – Rad. Support Rear	44	44	1
71–0400	Foam – Side Panel	43	14	2
71–0410	Cover – Abrasive	10	4	1
71–0420	Floor – Abrasive	28	66	1
71–0430	Cover – Abrasive	28	64	1
71–0440	Abrasive – Pedal Front	9	25	1
71–0450	Abrasive – Pedal Rear	9	29	1
71–0470	Disc – Middle	32	19	4
71–0480	Suspension Assembly	3	*	1
71–0540	Column – Steering	4	27	1
71–2170	Pin	3	22	1
71–2180	Bearing	3	2	4
71–2190	Pin	3	3	1
71–2200	Bracket – Swing Arm	3	33	1
71–2210	Pin	3	13	1
71–2220	Pin	3	16	1
71–2230	Ring – Snap	3	14	1
71–2240	Knob Assembly	3	15	1
71–2250	Bracket – Spring	3	18	1
71–2260	Spring	3	27	2
71–2270	Nut – Special	3	23	1
71–2280	Band – Weight Indicator	3	10	1
71–2290	Bearing – Trible	3	4	1
71–2300	Bumper	3	9	2
71–2310	Plate – Lower Suspension	3	8	1
71–2320	Pin	3	21	2
71–2330	Ring – Snap	3	19	2
71–2340	Absorber – Shock	3	20	1
71–2380	Washer	2	7	2
71–2390	Rivet – Pop	2	8	2
71–2400	Assembly – Bumper	2	6	2
71–2410	Plate – Upper Suspension	2	5	1
71–2420	Bellows – Rubber	2	12	1
71–2430	Plate – Rear	11	16	1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
71–2450	Cover – Access	27	24	1
71–2460	Plate – Control	14	5	1
71–2470	Rim	32	29	2
71–2530	Bearing Assembly	93	6	1
71–2550	Washer – Latch Shaft	88	9	2
71–2560	Support – Bulkhead	30	38	2
71–2570	Shaft – Pivot	78	3	1
71–2580	Shaft – Lift Arm Pivot	85	26	2
71–2590	Shaft – Pivot	75	5	1
71–2590	Shaft – Pivot	78	24	1
71–2600	Tube – Anti – Sway	89	11	2
71–2610	Shaft – Deck Pivot	90	15	2
71–2620	Shaft – Lift Arm Elbow	89	23	2
71–2630	Solenoid Valve Assembly	28	*	1
71–2680	Hose – Vent	23	31	1
71–2680	Hose – Vent	45	53	1
71–2690	Hose – Fuel	70	7	1
71–3810	Coupling – Hydraulic Motor	32	34	2
71–3830	Bellcrank – Brake	36	21	2
71–3850	Cover – Housing	36	15	2
71–3860	Clevis	36	28	2
71–3870	Gasket	36	14	2
71–3880	Clevis – Brake Cable	32	15	2
71–3880	Clevis – Brake Cable	36	23	2
71–3900	Gasket	36	25	2
71–3910	Collar	36	34	2
71–3990	Cap – Brake Housing	32	20	2
71–4010	Housing – Brake	32	13	2
71–4060	Rod – Brake Latch	4	40	1
71–4130	Support – Control	11	17	1
71–4170	Switch – Toggle	14	19	1
71–4200	Cluster – Warning Light	13	6	1
71–4210	Cluster – Warning Light	13	4	1
71–4230	Panel	13	3	1
71–4250	Spacer	13	20	2
71–4260	Decal – H.O.C.	91	28	2
71–4260	Decal – H.O.C.	82	56	1
71–4280	Sending Unit – Oil Pressure	47	61	1
72–4070	Decal – Danger	33	47	2
72–4080	Decal – Danger	72	37	1
72–4080	Decal – Danger	28	71	2
72–4310	Switch – Ball	78	11	1
72–4310	Switch – Lift	85	32	2
72–9550	Stud – Fuel Tank	22	17	1
72–9760	Switch	14	15	2
74–0720	Tube – Manual	2	1	1
74–2170	Cylinder – Lift	86	43	2
74–2180	Ring – Steel	87	9	1
74–2190	Cushion	87	10	1
74–2200	Head	87	4	1
74–2210	Piston	87	12	1
74–2220	Collar	87	2	1
74–2230	Shaft/Clevis	87	1	1
74–2270	Fitting – Suction	25	23	1
74–2340	Decal – Fuse	14	22	1
74–2510	Tube – Hydraulic L.H.	7	13	1
74–2520	Tube – Hydraulic R.H.	7	14	1
74–2530	Tube – Hydraulic	7	11	1
74–2660	Hose – Hydraulic Return	24	34	1
74–2680	Bracket – Bulkhead	86	45	1
74–2700	Rod – Control	9	16	1
74–2710	Clamp Half – Hydraulic Line	89	2	4
74–2730	Tube – Clamp	89	31	4
74–2750	Retainer – Clamp	89	32	2
75–0540	Tether – Cap, Reservoir	23	27	1
75–2080	Kit – Seal	21	2	2
75–9460	Bracket – Sealing L.H.	42	19	1
75–9470	Bracket – Sealing R.H.	42	25	1
75–9480	Bracket – Sealing Bottom	42	22	1
75–9670	Fork – Castor	90	32	8
75–9790	Arm – Pivot	80	10	2
76–0980	Pipe – Exhaust	46	10	1
76–1670	Spring – Extension	84	25	1
76–1670	Spring – Extension	78	33	1
76–1670	Spring – Extension	81	36	1
76–1880	10 Segmented Tire Assy.	94	3	1
76–1890	13 Segmented Tire Assy.	94	5	1
76–2060	V–Belt	83	*	1
76–2060	V–Belt	84	*	1
76–2060	V–Belt	91	*	6
76–2750	Hydraulic Hose Assembly	81	2	1
76–2760	Hydraulic Hose Assembly	81	1	1
76–2770	Hydraulic Hose Assembly	81	6	1
76–4590	Screw	34	16	6
76–4590	Screw	40	27	6
76–4600	Gasket – Cover	40	38	1
76–4600	Gasket – Front Cover	34	26	1
76–4610	Cover	40	33	1
76–4610	Cover – Front	34	15	1
76–8750	Plate – Caution	44	45	2
77–0950	Washer – Castor	90	41	8
77–2830	Rod – Spring	81	44	1
77–2990	Cable – Throttle	18	8	1
77–5390	Tank – Hydraulic	23	4	1
80–0010	Tank – Fuel	22	11	1
80–0130	Cable – Negative	72	11	1
80–0160	Tray – Battery	72	18	1
80–4890	Decal – Service	11	32	1
80–9330	Alarm – Audio	11	3	1
82–2560	Decal – Belt Routing	81	39	1
82–4910	Roller	83	27	1
82–4910	Roller	84	36	1
82–6330	Cowl – Radiator, Optional	42	*	1
82–7820	Seat – Brake, Tube	36	13	2
82–7830	Screw – Bleed, Brake	36	11	2
82–7840	Piston – Brake	36	7	2
82–7850	Spring – Compression	36	4	2
82–7900	Shaft – Arm	89	34	2
82–7930	Arm – Anti–Sway L.H.	89	14	1
82–7940	Arm – Anti–Sway R.H.	89	*	1
82–9060	Track & Latch – Adjustment	2	4	1
83–4330	Assy. – Tube, Traction LH	28	82	1
83–4330	Tube – Hydraulic L.H.	32	8	1
83–4340	Assy. – Tube, Traction RH	28	83	1
83–4340	Tube – Hydraulic R.H.	32	*	1
83–6630	Shim – Switch	1	5	1
83–6640	Sensor – Switch	1	8	1
83–6660	Support – Seat	2	11	1
83–6690	Plate – Seat	1	15	1
83–6700	Plate – Suspension	1	9	1
83–8350	Fitting – Traction, L.H.	27	20	1
83–8360	Fitting – Traction, R.H.	28	73	1
83–8370	Plate – Clamp	28	74	1
85–4750	Display – Diagnostic	12	2	1
85–6140	Spring	1	16	1
85–6150	Tube – Hyd. R.H. Branch	32	*	1
85–6150	Tube – Hydraulic	27	30	1
85–6160	Pin – Spring	1	10	1
85–6190	Link – Deck Tilt	27	1	1
85–6210	Bracket – Rear Eng. Mount	46	37	2
85–6230	Assembly – Solenoid Valve	71	*	1
85–6230	Solenoid – Engine Run	46	45	1
85–6260	Level Sensing Unit	23	3	1
85–6280	Spring – Return	71	3	1
85–6290	Boot – Rubber	71	2	1
85–6300	Assembly – Plunger	71	1	1
86–7350	Seal Repair Kit	87	*	1
86–7350	Seal Repair Kit	79	*	1
86–7410	Plate – Gage	13	5	1
86–7480	Spring – Compression	81	48	1
86–8100	Joint – Ball	88	19	2
86–8100	Joint – Ball	78	37	2
86–8101	Joint – Ball	88	22	2
88–6760	Spring – Gas	43	19	2
88–6770	Stud – Ball	43	18	2
88–6770	Stud – Ball	45	56	2

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
88–9190	Solenoid Coil Assembly	73	23	3
88–9260	Bracket – Roller RH	84	38	1
88–9270	Bracket – Roller LH	83	29	1
88–9420	Wire Harness Assembly	11	*	1
88–9430	Decal – Fuse	11	5	1
88–9450	Bracket – Hood Cylinder	44	37	2
92–1179	Cushion – Seat	1	17	1
92–1180	Assembly – Seat	1	1	1
92–1741	Tube – Hydraulic	32	42	1
92–1742	Tube – Hydraulic	24	40	1
92–1742	Tube – Hydraulic L.H.	32	12	1
92–1753	Coupling – Spring Centering	46	26	1
92–1771	Board – Instrument	13	16	1
92–1772	Hood Assembly	43	4	1
92–1792	Repair Kit	77	*	1
92–2351	Fitting – Tank Return	24	36	1
92–2352	Hose – Hydraulic	24	35	1
92–2362	Castor Wheel Assembly	80	23	2
92–3047	Valve – Solenoid	28	62	1
92–3048	Solenoid Coil Kit	28	54	3
92–3049	Valve Seal Kit	28	*	1
92–3071	Spool – Solenoid Valve	73	25	3
92–4087	Decal – Diagnostic V2.0	12	1	1
92–4094	Roller – Latch	88	16	4
92–4804	Block – Latch Pivot	88	11	2
92–4805	Cam – Spring Trip	88	21	2
92–4806	Pin – Latch	78	30	1
92–4806	Pin – Latch	88	13	8
92–4807	Tube – Hyd. R.H. Run	32	*	1
92–4807	Tube – Hydraulic	24	4	1
92–4967	Tube – Hydraulic	27	9	1
92–4967	Tube – Hydraulic	21	17	1
92–4970	Hose – Hydraulic	23	37	1
92–4970	Hose – Hydraulic	28	80	1
92–4971	Hydraulic Cylinder Assembly	78	7	2
92–4997	Cable – Positive	72	12	1
92–5720	Controller	11	22	1
92–7301	Spacer	1	19	2
92–8003	Housing – Actuator, R.H.	36	12	1
92–8004	Housing – Actuator, L.H.	36	*	1
92–8661	Tab	11	34	3
92–8664	Lift Arm Assembly L.H.	85	33	1
92–8665	Lift Arm Assembly R.H.	85	*	1
92–8753	Catch – Magnetic	1	6	1
92–9701	Shaft – Cruise Control	9	3	1
92–9730	Cap – End	5	18	1
92–9732	Plate – Wear	5	14	1
92–9735	Screw – Cap	5	19	7
92–9748	Valve – Power Steering	4	28	1
92–9749	Seal Kit	5	*	1
92–9800	Spacer – Spindle	93	11	1
93–0307	Nut – Retainer	76	53	2
93–0309	Washer	75	25	2
93–0310	Spindle – Wheel R.H.	75	*	1
93–0311	Spindle – Wheel L.H.	75	17	1
93–1397	Valve – Flow Control	78	46	1
93–3102	Cap – Fuel	22	10	1
93–3103	Cap – Hydraulic	23	36	1
93–3219	Pump Drive Shaft Assembly	38	*	1
93–3681	Cover	53	1	1
93–3682	Gasket	53	2	1
93–4237	Bearing	80	14	4
93–4237	Bearing	90	29	16
93–4240	10” Wheel – Pneumatic	90	30	8
93–4240	10” Wheel – Pneumatic	80	12	2
93–4241	Spacer	80	13	2
93–4241	Spacer	90	28	8
93–4363	Motor – Hydraulic	81	11	1
93–4363	Motor – Hydraulic	91	13	2
93–4382	Bracket – Muffler	46	18	1
93–7037	Switch	7	22	1
93–7037	Switch	38	61	1
93–7038	Switch	28	77	1
93–7039	Bracket – Service Brake	7	21	1
93–7176	Fitting – 45° ORFS	33	48	2
93–7177	Assy. – Tube, Traction L.H.	27	19	1
93–7177	Tube – Hydraulic, LH	33	50	1
93–7178	Assy. – Tube, Traction R.H.	27	21	1
93–7178	Tube – Hydraulic, RH	33	*	1
93–7179	Tube – Hydraulic	30	27	1
93–7187	Yoke – Engine End	37	8	1
93–7188	Shaft – Slip Yoke	37	6	1
93–7189	Yoke – Pump End	37	3	1
93–7190	Kit – Universal Joint	37	7	2
93–7191	Tube – Slip Yoke	37	4	1
93–7192	Hose – Diagnostic	28	81	1
93–7192	Hose – Hydraulic Diagnostic	21	25	1
93–7193	Hose – Diagnostic	28	70	1
93–7193	Hose – Hydraulic Diagnostic	29	7	1
93–7417	Gasket	36	33	2
93–7418	Cap – Actuator	36	36	2
93–7422	Hose – Hydraulic	27	11	1
93–7422	Hose – Hydraulic Diagnostic	29	5	1
93–7423	Hose – Diagnostic	73	44	2
93–7423	Hose – Hydraulic Diagnostic	29	9	2
93–7424	Hose – Diagnostic	28	69	1
93–7424	Hose – Hydraulic	37	50	1
93–7425	Hose – Hydraulic Diagnostic	29	10	1
93–7426	Tube – Hydraulic	27	39	1
93–7426	Tube – Hydraulic	78	44	1
93–7427	Tube – Hydraulic	78	47	1
93–7634	Cover – Front	92	4	1
93–7637	Key – Square	92	13	1
93–7639	Cover – Rear	92	11	1
93–7640	Section – Center	92	9	1
93–7641	Gear – Drive	92	12	1
93–7642	Gear – Driven	92	10	1
93–8457	Hex.–Belt – Deck Drive	82	*	1
93–8493	Kit – Seal	92	*	1
93–9320	Plate – Valve L.H.	40	40	1
93–9321	Plug – Orifice	41	75	1
93–9322	Variable Displacement Pump	37	1	1
93–9324	Pivot – Idler	84	41	1
93–9324	Pivot – Idler	82	61	1
93–9337	Bracket – Swiitch	7	28	1
93–9337	Bracket – Switch	37	35	1
93–9912	Grommet	89	30	2
93–9917	Asm. – Hose, Hydraulic	91	9	2
93–9918	Asm. – Hose, Hydraulic	91	8	2
93–9919	Asm. – Hose, Hydraulic	91	29	2
93–9922	Spacer	86	61	2
93–9925	Lift Arm Assembly R.H.	89	*	1
93–9926	Lift Arm Assembly L.H.	89	25	1
93–9928	Clamp – Hose	89	28	2
93–9941	Arm – Outer Lift R.H.	89	*	1
93–9942	Arm – Outer Lift L.H.	89	10	1
93–9988	Fitting – Hydraulic	28	61	1
213–31	Cover – Steering Wheel	4	8	1
217–116	Rim	75	23	2
218–242	Switch – Brake	7	25	1
218–243	Fitting – Tee	7	12	1
218–446	Nut – Hex	14	9	1
218–447	Washer – Lock	14	8	1
218–498	Nut	13	18	2
218–498	Nut – Hex	14	7	10
218–533	Lens – Indicator Light (Red)	4	7	1
218–535	Nut – Hex.	4	24	3
218–536	Washer – Lock	4	23	3
218–562	Lens – Indicator Light	4	11	2
218–573	Fuse – 5A	11	*	1
218–581	Fuse – 15A	11	33	6
219–17	Bulb – Light	13	9	8
2116–3	Joint – Ball L.H.	75	*	1
2116–4	Joint – Ball R.H.	75	35	1
231–140	Tire – (Optional)	32	*	2
232–27	Stem – Valve	75	29	2

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
233–17	Knob	4	3	1
233–42	Knob	19	3	3
233–48	Knob	18	3	1
233–66	Knob	14	10	1
237–21	Seal – O–Ring	32	3	2
237–21	Seal – O–Ring	21	6	2
237–21	Seal – O–Ring	30	29	4
237–21	Seal – O–Ring	76	52	4
237–21	Seal – O–Ring	28	58	3
237–22	Seal – O–Ring	27	32	7
237–22	Seal – O–Ring	81	7	1
237–22	Seal – O–Ring	78	8	9
237–22	Seal – O–Ring	91	10	2
237–22	Seal – O–Ring	19	14	9
237–22	Seal – O–Ring	44	17	2
237–22	Seal – O–Ring	85	19	14
237–22	Seal – O–Ring	21	21	7
237–22	Seal – O–Ring	23	21	2
237–22	Seal – O–Ring	4	37	4
237–22	Seal – O–Ring	75	45	6
237–22	Seal – O–Ring	47	56	2
237–22	Seal – O–Ring	41	64	1
237–22	Seal – O–Ring	24	5	3
237–30	Seal – O–Ring	27	8	3
237–30	Seal – O–Ring	24	13	2
237–30	Seal – O–Ring	37	17	2
237–30	Seal – O–Ring	21	22	2
237–37	Bumper – Rubber	72	34	4
237–42	Seal – O–Ring	32	1	2
237–42	Seal – O–Ring	78	6	4
237–42	Seal – O–Ring	73	7	1
237–42	Seal – O–Ring	91	12	2
237–42	Seal – O–Ring	37	23	1
237–42	Seal – O–Ring	19	24	5
237–42	Seal – O–Ring	21	27	6
237–42	Seal – O–Ring	86	42	4
237–42	Seal O–Ring	81	9	1
237–58	Seal – O– Ring	27	14	4
237–58	Seal – O–Ring	25	2	2
237–58	Seal – O–Ring	81	3	2
237–58	Seal – O–Ring	24	7	1
237–58	Seal – O–Ring	32	7	7
237–58	Seal – O–Ring	73	10	8
237–58	Seal – O–Ring	37	21	3
237–65	O–Ring	33	49	2
237–65	Seal – O–Ring	24	3	2
237–65	Seal – O–Ring	91	7	4
237–65	Seal – O–Ring	27	18	6
237–65	Seal – O–Ring	85	20	4
237–78	Seal – O– Ring	27	13	5
237–78	Seal – O–Ring	21	8	3
237–78	Seal – O–Ring	73	33	1
237–78	Seal – O–Ring	73	41	2
237–78	Seal – O–Ring	75	43	4
237–78	Seal – O–Ring	21	4	2
237–79	Seal – O–Ring	19	12	2
237–79	Seal – O–Ring	23	23	1
237–79	Seal – O–Ring	21	24	2
237–79	Seal – O–Ring	73	32	4
237–79	Seal – O–Ring	4	39	4
237–80	Seal – O–Ring	24	1	1
237–80	Seal – O–Ring	23	19	3
237–80	Seal – O–Ring	41	68	1
237–81	Seal – O–Ring	23	1	1
237–81	Seal – O–Ring	81	5	2
237–81	Seal – O–Ring	91	5	4
237–81	Seal – O–Ring	32	9	4
237–81	Seal – O–Ring	37	15	1
237–81	Seal – O–Ring	73	19	8
237–101	Seal – O–Ring	24	24	2
237–116	Seal – O–Ring	25	9	1
237–146	Seal – O–Ring	32	5	4
237–146	Seal – O–Ring	73	14	1
237–146	Seal – O–Ring	37	19	3
237–154	Seal – O–Ring	70	10	1
237–155	Seal – O–Ring	24	20	1
237–156	Seal – O–Ring	21	13	8
237–156	Seal – O–Ring	73	30	30
237–157	Seal – O–Ring	23	16	1
237–158	Seal – O–Ring	32	21	4
237–164	Grommet	30	7	1
237–174	O–Ring	36	9	2
237–175	O–Ring	36	6	2
240–2	Grommet	30	6	2
240–3	Grommet	85	8	4
240–4	Grommet	27	6	6
240–4	Grommet	85	18	10
240–5	Grommet	27	28	2
240–6	Grommet	30	31	4
240–7	Grommet	30	32	1
240–7	Grommet	28	47	4
2410–10	Plug – Button	28	72	1
2410–73	Pin – Tether	23	35	1
2411–40	Joint – Ball	89	13	4
2411–41	End – Rod	46	52	2
2412–3	Clamp – Hose	23	15	1
2412–6	Clamp – Hose	70	2	2
2412–6	Clamp – Hose	44	6	1
2412–6	Clamp – Hose	22	15	1
2412–7	Clamp Assembly	75	38	2
2412–34	Clamp – Hose	23	11	1
2412–39	Clamp	72	39	1
2412–39	Clamp – R	47	68	1
2412–41	Clamp	72	38	2
2412–41	Clamp – R	44	38	1
2412–41	Clamp – R	47	59	2
2412–42	Clamp – Hose	25	11	4
2412–42	Clamp – Hose	23	13	4
2412–42	Clamp – Hose	46	19	1
2412–70	Clamp – R	46	3	1
2412–73	Clamp – R	72	7	3
2412–73	Clamp – R	47	69	1
2412–89	Clamp – R	22	9	1
2412–92	Clamp – Hose	24	9	4
2412–92	Clamp – Hose	44	11	4
2412–104	Clamp–R	72	40	1
2412–108	Clamp – Hose	70	6	1
2412–108	Clamp – Hose	23	32	2
2412–108	Clamp – Hose	45	52	2
2412–110	Clamp – Hose	46	16	3
2412–129	Clamp – Hose	24	39	1
2412–133	Clamp	2	2	2
2412–147	Clamp – R	44	48	1
250–5	Tie – Cable	42	34	16
251–259	Bearing – Neutral Detent	37	41	1
251–321	Bearing – Ball	94	1	2
251–321	Bearing – Castor	80	22	4
251–332	Spacer – Inner	94	4	1
251–333	Spacer – Bearing	80	21	2
251–333	Spacer – Inner	94	6	1
251–340	Bearing – Ball	32	23	2
253–154	Seal – Wave	93	5	2
253–156	Seal – Oil	32	22	2
253–157	Ring – Cup	32	41	8
254–72	Cup – Bearing Outer	75	20	2
254–92	Cone – Bearing Outer	75	21	2
254–106	Cone – Bearing Inner	75	31	2
254–107	Cup – Bearing Inner	75	30	2
256–76	Bushing – Sleeve	89	15	4
256–117	Bushing – Flange	81	28	4
256–156	Bushing – Flange	9	30	2
256–172	Bearing – Sleeve	88	15	8
256–188	Bushing – Sleeve	84	6	1
256–188	Bushing – Sleeve	81	22	1
256–247	Bushing – Flange	6	1	4
256–247	Bushing – Flange	28	46	2

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

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

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
3217–26	Nut – Lock	9	7	1
3219–2	Nut – Hex.	37	29	1
3219–5	Nut – Hex.	32	31	18
3219–7	Nut – Lock	89	19	4
3219–10	Nut – Jam	73	24	3
3219–14	Nut – Hex.	46	1	2
3219–14	Nut – Hex.	18	7	2
3219–14	Nut – Hex.	24	17	1
3220–1	Nut – Jam	46	50	2
3220–2	Nut – Jam	7	17	1
3220–3	Nut – Jam	9	21	2
3220–4	Nut	28	53	1
3220–4	Nut – Bulkhead	29	12	8
3220–5	Nut – Jam	9	19	1
3220–7	Nut – Jam	89	12	4
3220–7	Nut – Jam	75	28	2
3220–22	Nut – Jam	88	4	4
3229–8	Bolt – Carriage	11	35	3
3230–22	Bolt – Carriage	2	20	1
3231–22	Bolt – Carriage	93	7	6
3231–25	Bolt – Carriage	84	9	2
3231–25	Bolt – Carriage	83	20	2
3231–28	Bolt – Carriage	81	12	2
3231–28	Bolt – Carriage	91	27	4
3231–30	Bolt – Carriage	37	33	1
3233–9	Bolt – Carriage	83	9	3
3233–9	Bolt – Carriage	90	22	12
3233–9	Bolt – Carriage	84	30	3
3233–27	Bolt – Carriage	81	42	1
3233–28	Bolt – Carriage	90	12	6
3233–29	Bolt – Carriage	90	11	2
3233–30	Bolt – Carriage	91	22	6
3233–30	Bolt – Carriage	82	59	1
3234–5	Screw – Cap Hex. Hd.	1	11	4
3234–7	Screw – Hex. Washer Hd.	11	2	11
3234–12	Screw – Hex. Flange Hd.	75	10	2
3234–12	Screw – Hex. Flange Hd.	82	53	4
3234–12	Screw – Hex. Washer Hd.	91	2	8
3234–13	Screw – Hex. Flange Hd.	37	36	4
3234–13	Screw – Hex. Washer Hd.	22	8	1
3234–13	Screw – Hex. Washer Hd.	7	19	2
3234–14	Screw – Cap Hex. Hd.	43	11	6
3234–14	Screw – Cap Hex. Hd.	9	12	1
3234–14	Screw – Cap Hex. Hd.	6	18	3
3234–14	Screw – Cap Hex. Hd.	1	23	6
3234–14	Screw – Cap Hex. Hd.	11	25	2
3234–14	Screw – Hex. Flange Hd.	30	2	6
3234–14	Screw – Hex. Flange Hd.	10	5	4
3234–14	Screw – Hex. Flange Hd.	19	8	6
3234–14	Screw – Hex. Flange Hd.	27	25	4
3234–14	Screw – Hex. Washer Hd.	46	20	4
3234–14	Screw – Hex. Washer Hd.	4	25	8
3234–17	Screw – Hex. Flange Hd.	72	6	4
3234–28	Screw – Hex. Flange Hd.	27	10	2
3245–31	Screw – Set	9	8	1
3245–32	Screw – Set	9	26	1
3249–11	Screw – Machine	6	26	2
3250–27	Screw – Truss Hd.	83	5	2
3250–27	Screw – Truss Hd.	84	14	2
3253–2	Washer – Lock	24	16	1
3253–2	Washer – Lock	44	21	16
3253–2	Washer – Lock	47	65	2
3253–3	Washer – Lock	23	9	10
3253–3	Washer – Lock	11	15	4
3253–3	Washer – Lock	36	16	8
3253–3	Washer – Lock	37	46	2
3253–3	Washer – Lock	47	74	1
3253–7	Washer – Lock	37	13	2
3253–7	Washer – Lock	25	21	8
3253–7	Washer – Lock	78	25	16
3253–7	Washer – Lock	32	30	22
3253–8	Washer – Lock	93	14	1
3253–8	Washer – Lock	32	26	16
3253–9	Washer – Lock	89	20	4
3253–15	Washer – Lock	22	20	5
3253–15	Washer – Lock	14	21	A/R
3253–21	Washer – Lock	9	2	2
3253–21	Washer – Lock	22	5	2
3253–21	Washer – Lock	25	5	8
3253–21	Washer – Lock	23	6	4
3253–21	Washer – Lock	2	10	2
3253–21	Washer – Lock	72	14	2
3253–21	Washer – Lock	32	17	14
3253–21	Washer – Lock	4	17	4
3253–21	Washer – Lock	11	19	4
3253–21	Washer – Lock	36	19	8
3253–21	Washer – Lock	43	22	6
3253–21	Washer – Lock	24	29	3
3253–21	Washer – Lock	37	32	3
3253–21	Washer – Lock	44	35	12
3253–21	Washer – Lock	47	75	4
3254–2	Washer	89	26	4
3254–2	Washer – Lock	72	25	1
3254–6	Washer – Lock	19	25	1
3256–1	Washer – Flat	46	48	1
3256–3	Washer – Flat	47	67	3
3256–5	Washer – Flat	22	7	2
3256–6	Washer – Flat	9	17	1
3256–7	Washer – Flat	1	26	1
3256–22	Washer – Flat	14	2	8
3256–22	Washer – Flat	30	11	2
3256–22	Washer – Flat	11	12	4
3256–22	Washer – Flat	4	44	1
3256–23	Washer	13	2	4
3256–23	Washer – Flat	2	16	4
3256–23	Washer – Flat	30	24	1
3256–23	Washer – Flat	28	68	2
3256–24	Washer – Flat	72	15	2
3256–24	Washer – Flat	93	16	A/R
3256–24	Washer – Flat	43	24	6
3256–24	Washer – Flat	1	27	2
3256–24	Washer – Flat	36	27	4
3256–26	Washer – Flat	18	13	1
3256–26	Washer – Flat	4	29	3
3256–26	Washer – Flat	32	45	4
3256–26	Washer – Flat	47	54	8
3256–27	Washer – Flat	1	24	1
3256–56	Washer – Flat	30	21	8
3256–56	Washer – Flat	85	40	3
3256–56	Washer – Flat	44	47	2
3256–56	Washer – Flat	28	67	2
3256–69	Washer	83	26	2
3256–69	Washer	84	35	2
3258–19	Screw – Machine	46	14	2
3269–6	Washer – Backup	42	33	22
3269–15	Rivet – Pop	42	32	22
3269–25	Rivet – Pop	29	1	4
3269–25	Rivet – Pop	83	1	4
3269–25	Rivet – Pop	84	1	4
3269–25	Rivet – Pop	91	17	16
3269–25	Rivet – Pop	81	29	8
3272–1	Pin – Cotter	19	4	6
3272–1	Pin – Cotter	18	9	3
3272–5	Pin – Cotter	6	6	1
3272–5	Pin – Cotter	4	43	1
3272–6	Pin – Cotter	72	4	1
3272–6	Pin – Cotter	6	9	2
3272–6	Pin – Cotter	19	10	2
3272–6	Pin – Cotter	32	14	2
3272–6	Pin – Cotter	36	22	2
3272–6	Pin – Cotter	46	47	1
3272–7	Pin – Cotter	9	23	2
3272–7	Pin – Cotter	81	45	1
3272–10	Pin – Cotter	7	16	1
3272–10	Pin – Cotter	9	18	1
3272–10	Pin – Cotter	36	26	2

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
3272–12	Pin – Cotter	88	2	4
3272–12	Pin – Cotter	7	6	1
3272–12	Pin – Cotter	75	34	6
3272–12	Pin – Cotter	78	35	2
3272–13	Pin – Cotter	75	26	2
3272–23	Pin – Cotter	78	18	4
3272–33	Pin – Cotter	85	24	2
3274–7	Screw – Cap Socket Hd.	36	18	8
3274–20	Screw – Hex. Socket Hd.	37	11	2
3274–86	Screw – Cap Socket Hd.	27	15	1
3290–133	Screw – Round Hd.	13	1	4
3290–133	Screw – Round Hd.	14	3	8
3290–133	Screw – Round Hd.	11	11	4
3290–134	Screw – Cap Hex. Hd.	43	13	4
3290–216	Washer – Bevel	75	9	12
3290–216	Washer – Bevel	44	25	4
3290–271	Rivet – Pop	44	46	4
3290–307	Pin – Cotter, Hair	6	25	2
3290–321	Screw – Cap Hex. Hd.	43	5	12
3290–321	Screw – Cap Hex. Hd.	72	20	1
3290–321	Screw – Cap Hex. Hd.	44	22	16
3290–321	Screw – Hex. Washer Hd.	42	14	20
3290–343	Pin – Cotter Hair	80	11	2
3290–378	Tie – Cable	11	*	25
3290–378	Tie – Cable	6	*	3
3290–378	Tie – Cable	82	*	2
3290–378	Tie – Cable	86	*	3
3290–378	Tie – Cable	91	*	24
3290–378	Tie – Cable	11	18	2
3290–378	Tie – Cable	78	41	1
3290–378	Tie–Cable	4	36	5
3290–384	Pin – Lynch	80	1	2
3290–384	Pin – Lynch	90	2	8
3290–392	Screw – HH	14	17	1
3290–495	Pin – Lynch	27	2	2
3296–2	Nut – Flange Lock	43	7	12
3296–2	Nut – Flange Lock	42	12	20
3296–2	Nut – Flange Lock	72	24	1
3296–2	Nut – Lock	83	2	6
3296–2	Nut – Lock	84	10	6
3296–2	Nut – Lock	13	15	2
3296–2	Nut – Lock	91	19	16
3296–2	Nut – Lock	11	21	6
3296–2	Nut – Lock	81	34	8
3296–3	Nut – Lock	36	29	2
3296–9	Nut – Lock	6	14	2
3296–23	Nut – Lock	18	14	1
3296–29	Nut – Lock	1	12	4
3296–29	Nut – Lock	2	17	4
3296–41	Nut – Lock	88	8	2
3296–42	Nut – Keps	18	1	3
3296–42	Nut – Lock	14	4	4
3296–49	Nut – Lock	93	2	1
3296–49	Nut – Lock	4	20	1
3296–53	Nut – Lock	80	16	4
3296–53	Nut – Lock	90	31	8
3296–54	Nut – Lock	1	4	4
3296–59	Nut – Lock	36	35	2
3296–68	Nut – Lock	78	1	2
3296–68	Nut – Lock	75	11	1
3296–68	Nut – Lock	90	14	2
3296–68	Nut Lock	85	35	2
32103–3	Nut – Wing	44	33	2
32104–16	Screw – Tapping	13	7	4
32105–1	Screw – Cap Hex. Hd.	13	17	2
32105–1	Screw – Machine	83	11	4
32105–1	Screw – Machine	84	16	4
32105–1	Screw – Machine	81	27	8
32105–1	Screw – Pan Hd.	91	21	16
32105–12	Screw – Hex. Socket Hd.	11	7	2
32105–13	Screw – Hex. Hd.	11	8	4
32107–11	Nut – Square	46	27	2
32108–103	Screw – Flat Hd.	81	18	4
32108–103	Screw – Machine Flat Hd.	89	9	4
32108–103	Screw – Machine Flat Hd.	85	25	4
32108–103	Screw – Machine Flat Hd.	28	40	4
32120–22	Ring – Retaining Internal	32	24	2
32120–47	Ring – Retaining	78	31	2
32120–47	Ring – Retaining	88	14	16
32120–64	Ring – Retaining	1	25	2
32120–72	Ring – Retaining	84	5	1
32120–72	Ring – Retaining	81	21	1
32120–84	Ring – Retaining External	32	33	2
32121–4	Pin – Roll	1	13	1
32121–4	Pin – Roll	2	18	1
32121–4	Pin – Roll	83	28	2
32121–4	Pin – Roll	84	37	2
32121–6	Pin – Roll	83	18	2
32121–6	Pin – Roll	84	21	2
32121–34	Pin – Roll	89	17	2
32121–34	Pin – Roll	77	18	1
32121–49	Pin – Roll	88	17	2
32121–110	Pin – Roll	75	4	1
32121–110	Pin – Roll	90	17	2
32121–110	Pin – Roll	78	23	2
32121–110	Pin – Roll	85	27	2
32121–110	Pin Roll	89	24	4
32122–24	Screw – Cap Hex. Hd.	22	3	5
32122–53	Screw – Pan Head	1	7	4
32122–53	Screw – Phil. Truss Hd.	11	9	2
32127–11	Nut – Flexlok	7	27	2
32127–11	Nut – Flexlok	37	37	2
32128–19	Nut – Lock Flange Hd.	1	21	2
32128–20	Nut – Flange Lock	44	19	5
32128–20	Nut – Flange Lock	4	22	2
32128–20	Nut – Flange Lock	11	27	2
32128–20	Nut – Flange Lock	46	30	4
32128–20	Nut – Lock	9	13	1
32128–20	Nut – Lock	6	17	3
32128 –20	Nut – Lock	81	19	4
32128–20	Nut – Lock	30	37	4
32128–21	Nut – Flange Lock	37	2	2
32128–21	Nut – Flange Lock	91	4	12
32128–21	Nut – Flange Lock	93	9	6
32128–21	Nut – Flange Lock	81	10	6
32128–21	Nut – Flange Lock	83	10	6
32128–21	Nut – Flange Lock	84	22	6
32128–21	Nut – Lock	7	8	3
32128–23	Nut – Flange Lock	80	3	4
32128–23	Nut – Flange Lock	90	7	20
32128–23	Nut – Flange Lock	83	8	3
32128–23	Nut – Flange Lock	91	25	6
32128–23	Nut – Flange Lock	84	26	4
32128–23	Nut – Flange Lock	4	34	3
32128–23	Nut – Flange Lock	81	35	4
32128–23	Nut – Lock	75	8	12
32128–25	Nut – Lock	25	19	4
32128–25	Nut – Lock	36	20	2
32128–43	Nut – Lock	80	19	16
32128–43	Nut – Lock	90	25	32
32128–45	Nut – Lock	90	8	8
32136–2	Nut – Castle	88	1	4
32136–2	Nut – Castle	75	41	2
32136–2	Nut – Slotted	78	36	2
32136–13	Nut – Castle	75	33	4
32144–1	Screw – Hex. Hd.	7	26	2
32144–1	Screw – Hex. Hd.	37	30	2
32144–11	Screw – Hex. Flange Hd.	42	21	8
32144–11	Screw – Thread Forming	86	60	4
32144–19	Screw – Round Hd.	13	24	4
32144–64	Screw – Hex. Washer Hd.	4	13	4
32144–69	Screw – Cap, Hex. Hd.	45	54	6
32144–96	Screw – Mach. Round Hd.	4	42	3
32149–2	Nut – Keps	42	2	16
32149–2	Nut – Keps	9	4	4
32149–2	Nut – Keps	19	7	2

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
32149–2	Nut – Keps	72	8	3
32149–2	Nut – Keps	43	16	16
32149–2	Nut – Keps	7	20	2
32149–2	Nut – Keps	46	33	5
32149–2	Nut – Keps	11	36	3
32149–2	Nut – Keps	28	55	2
32149–7	Nut	43	30	4
32149–7	Nut – Keps	11	23	3
32151–10	Ring – Retaining	75	14	2
32151–10	Ring – Retaining	89	21	2
32151–48	Ring – Retaining	80	8	4
32151–100	Ring – Retaining	36	2	2
32152–1	Nut	43	31	2
32152–1	Nut – Lock	7	2	2
32152–1	Nut – Lock	85	3	5
32152–1	Nut – Lock	89	7	4
32152–1	Nut – Lock	6	12	4
32152–1	Nut – Lock	30	13	8
32152–1	Nut – Lock	72	26	3
32152–1	Nut – Lock	27	36	1
32152–1	Nut – Lock	24	41	3
32152–1	Nut – Lock	28	42	4
32152–1	Nut – Lock	45	57	2
32152–1	Nut – Lock	47	57	2
32152–2	Nut – Lock	85	5	6
32152–2	Nut – Lock	25	16	4
32152–2	Nut – Lock	72	22	4
32152–2	Nut – Lock	44	27	7
32152–2	Nut – Lock	76	47	2
32152–4	Nut – Lock	89	1	4
32152–4	Nut – Lock	30	12	6
32152–4	Nut – Lock	6	15	2
32152–4	Nut – Lock	37	27	2
32152–4	Nut – Lock	28	45	2
32152–4	Nut Lock	85	23	3
32153–3	Nut – Lock	37	44	1
32153–5	Nut – Lock	44	26	2
32153–5	Nut – Lock	46	41	8
32153–6	Nut – Lock	85	4	22
32153–6	Nut – Lock	78	20	2
32153–6	Nut Lock	42	24	2
33004–00	Nut – HWH	2	23	2
33015–00	Nut	2	22	2
33104–025	Screw – HHF	2	21	2
340–2	Fitting – Hydraulic Straight	19	23	3
340–2	Fitting – Hydraulic Straight	21	26	5
340–2	Fitting – Hydraulic Straight	91	11	2
340–3	Fitting – Hydraulic Straight	19	13	2
340–3	Fitting – Hydraulic Straight	23	22	1
340–4	Fitting – Hydraulic Straight	21	23	2
340–8	Fitting – Hydraulic Straight	91	6	4
340–9	Fitting – Hydraulic St. L.H.	32	10	1
340–9	Fitting – Hydraulic Straight	73	18	7
340–15	Fitting – Hydraulic Elbow	37	20	3
340–22	Fitting – Hydraulic Tee	24	2	1
340–57	Fitting – Hydraulic Straight	78	45	2
340–65	Seal – O–Ring	73	12	2
340–65	Seal – O–Ring	24	22	1
340–65	Seal – O–Ring	44	28	3
340–68	Fitting – Hydraulic Bulk. Tee	78	14	1
340–68	Fitting – Hydraulic Bulkhead	75	2	2
340–70	Nut – Bulkhead	27	4	6
340–70	Nut – Bulkhead	78	13	1
340–70	Nut – Bulkhead	85	15	10
340–70	Nut – Bulkhead	76	48	2
340–71	Fitting – Hydraulic Bulkhead	27	7	1
340–74	Nut – Bulkhead	85	11	4
340–77	Fitting – Hydraulic Elbow	78	19	4
340–77	Fitting – Hydraulic Elbow	85	41	4
340–78	Nut – Bulkhead	30	34	4
340–79	Fitting – Hydraulic 90°	24	23	1
340–82	Fitting – Hydraulic Elbow	32	4	2
340–86	Fitting – Hydraulic Tee	19	15	2
340–91	Fitting – Hydraulic Straight	32	6	2
340–92	Fitting – Hydraulic Straight	21	7	2
340–92	Fitting – Hydraulic	28	56	1
340–94	Tee – Hydraulic	21	35	1
340–105	Fitting – Hydraulic Elbow	38	55	1
340–124	Fitting – Hydraulic Straight	44	16	2
340–125	Fitting – Hydraulic	28	59	1
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340–127	Nut – Bulkhead	27	29	2
340–128	Nut – Bulkhead	30	3	2
340–129	Fitting – Hydraulic Elbow	73	13	1
340–130	Fitting – Hydraulic 90°	23	18	1
340–130	Fitting – Hydraulic Elbow	38	54	1
340–131	Fitting – Hydraulic Elbow	37	16	1
340–132	Fitting – Hydraulic Elbow	75	44	4
340–133	Fitting – Hydraulic Straight	4	32	3
340–134	Fitting – Hydraulic Elbow	37	48	1
340–135	Seal – O–Ring	25	7	2
340–136	Seal – O–Ring	24	37	1
340–142	Fitting – Hydraulic Elbow	81	4	2
340–142	Fitting – Hydraulic Elbow	73	15	1
340–142	Fitting – Hydraulic Elbow	32	43	2
340–148	Fitting – Hydraulic Tee R.H.	32	*	1
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353–431	Fitting – Hydraulic 45°	73	42	2
353–536	Fitting – Fuel 90° Elbow	22	16	1
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