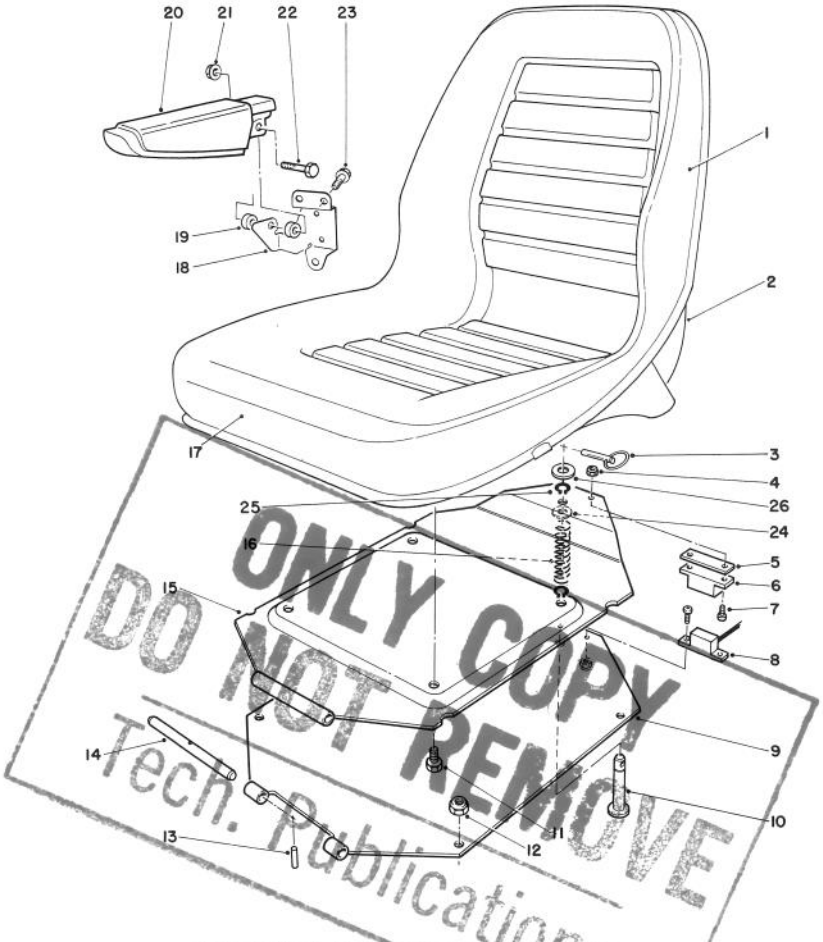
FORM NO. 3315–624

TORO®

MODEL NO. 30580–30001 & UP

PARTS CATALOG

GROUNDSMASTER® 580–D
Traction Unit



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T–1278B

SEAT ASSEMBLY

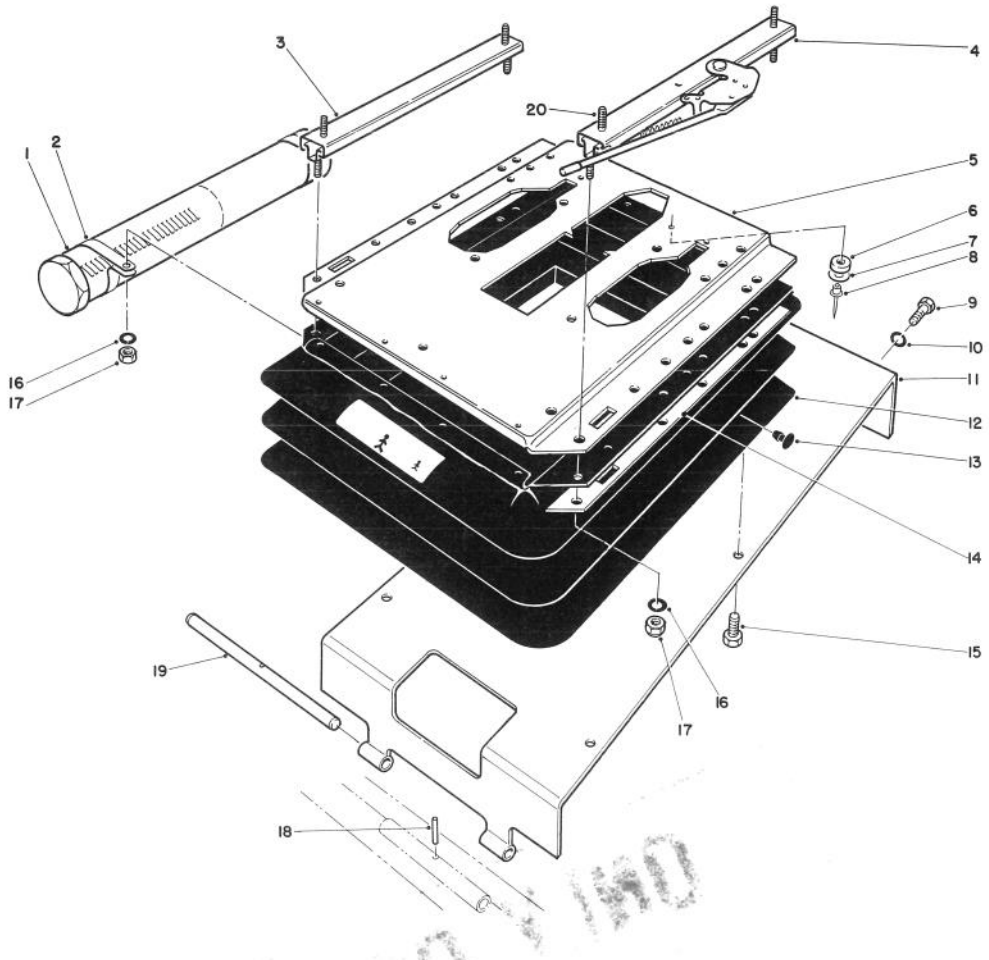
Ref. No.	Part No.	Description	No. Used
1	66–5400	Assembly – Seat (Incl. Ref. #2)	1
2	67–9560	Shell – Seat	1
3	283–72	Pin – Lynch	1
4	3296–54	Nut – Lock	4
5	83–6630	Shim – Switch	1
6	75–6330	Catch – Magnetic	1
7	32122–53	Screw – Pan Head	4
8	83–6640	Sensor – Switch	1
9	83–6700	Plate W.A. – Suspension	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

Ref. No.	Part No.	Description	No. Used
14	27–4720	Pin – Pivot, Seat	1
15	83–6690	Plate W. A. – Seat	1
16	85–6140	Spring	1
17	67–9550	Cushion – Seat	1
18	69–0770	Bracket – Rest, Arm R.H.	1
*	69–0760	Bracket – Rest, Arm L.H.	1
19	69–1260	Spacer	4
20	69–1180	Armrest	2
21	32128–19	Nut – Lock, Flange Hd.	2
22	323–9	Screw – Cap Hex. Hd.	2
23	3234–23	Screw – Cap Hex. Hd.	6
24	3256–27	Washer – Flat	1
25	32120–64	Ring – Retaining	2
26	3256–7	Washer – Flat	1

*Not Illustrated

TPS

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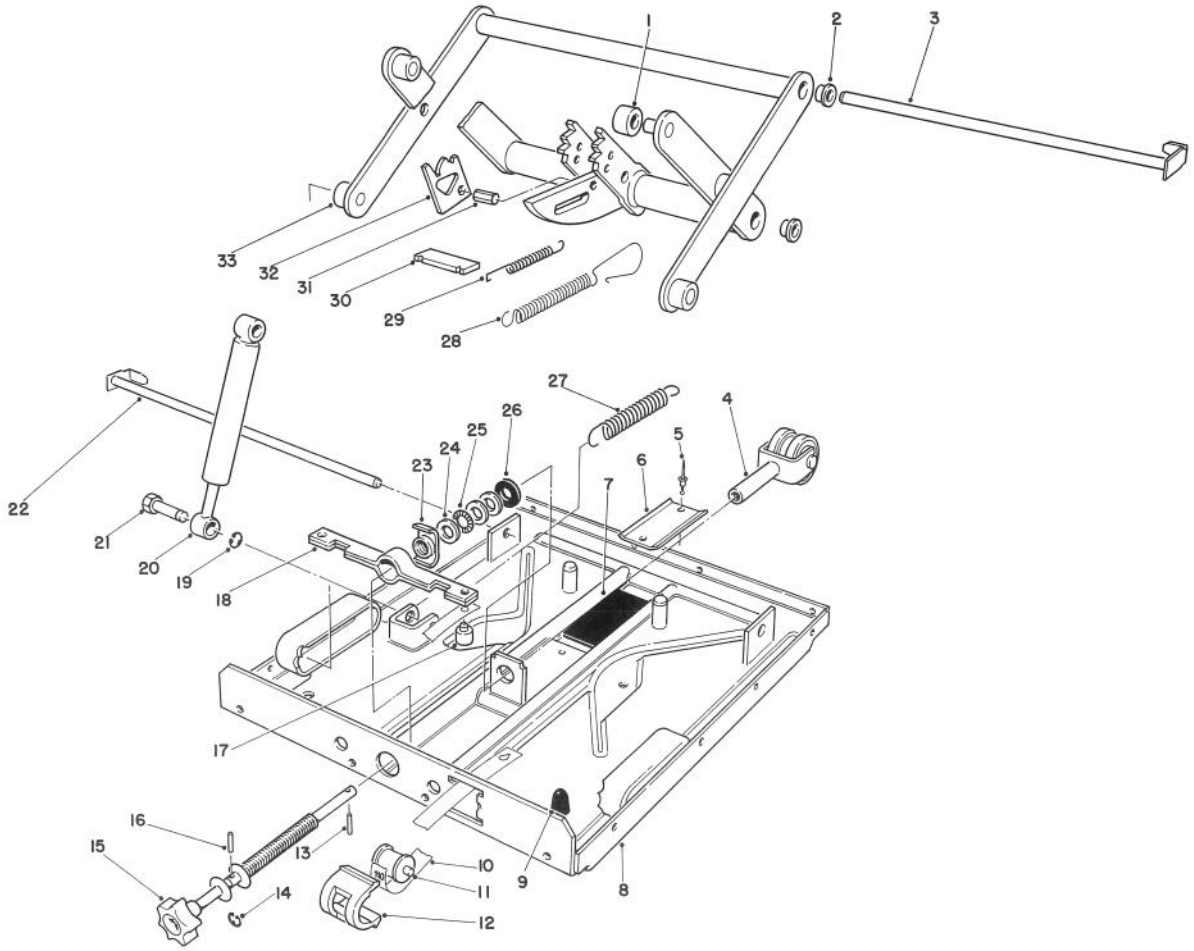


T–1279A

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

Ref. No.	Part No.	Description	No. Used
10	3253–21	Washer – Lock	2
11	83–6660	Support – Seat	1
12	71–2420	Bellows – Rubber	1
13	39–5710	Plug	21
14	40–3890	Trim	2
15	48–7780	Screw – Cap Hex. Hd.	4
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

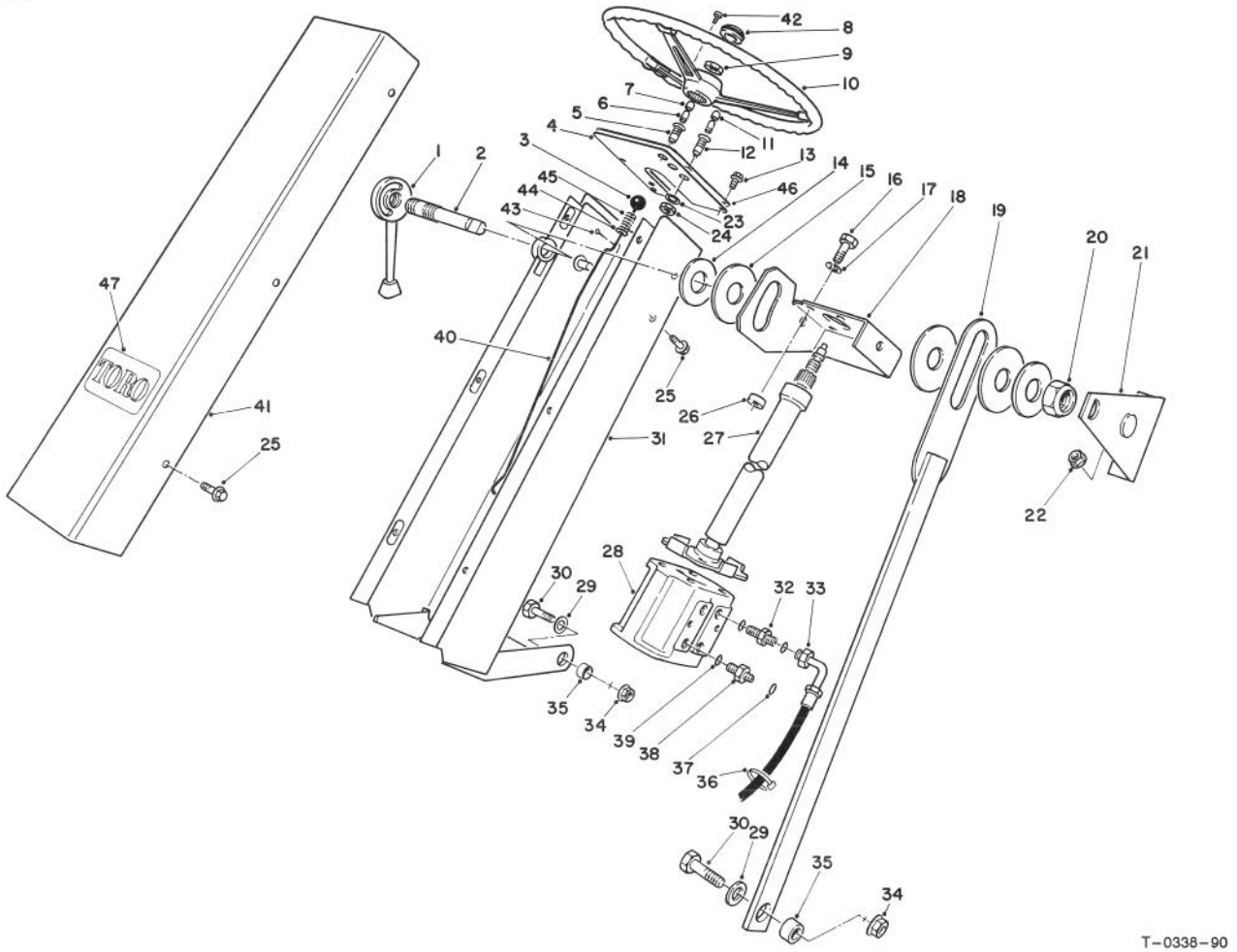


T–0483–90

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

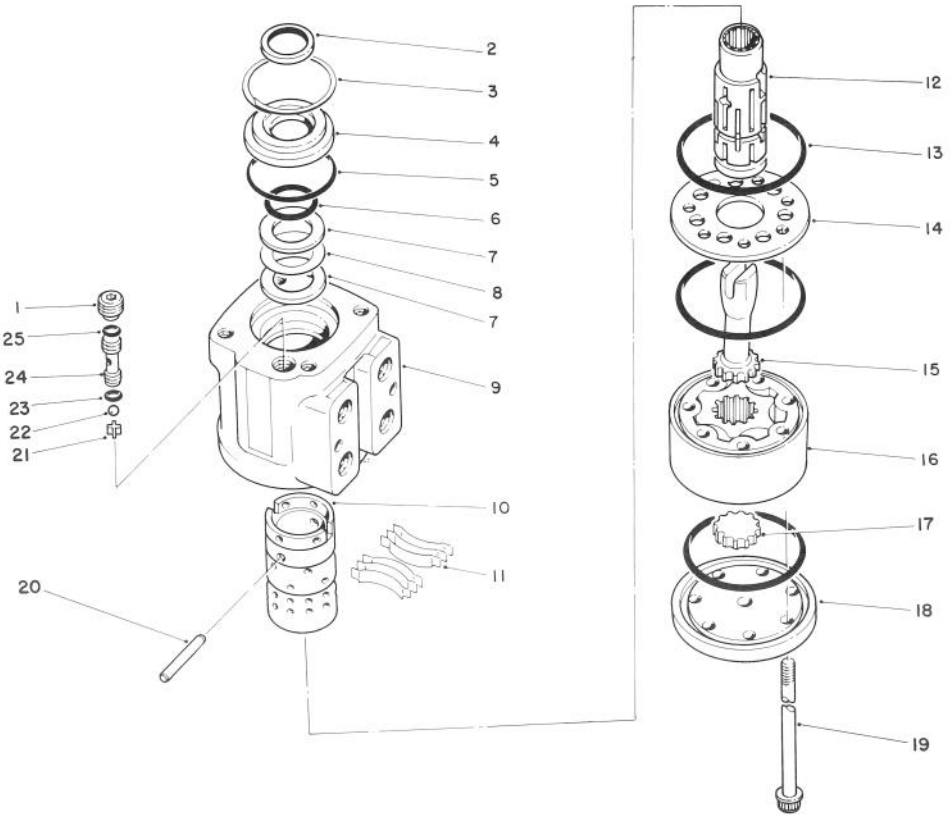


STEERING TOWER ASSEMBLY

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	69–1850	Valve – Power Steering	1
29	3256–26	Washer – Flat	3
30	325–5	Screw – Cap Hex. Hd.	3
31	69–8160	Tower – Steering	1
32	340–133	Fitting – Hydraulic Straight (Incl. Ref. #37 & 39)	3
33	69–5500	Hose – Hydraulic	4
34	32128–23	Nut – Flange Lock	3
35	28–0380	Spacer	3
36	3290–378	Tie–Cable	5
37	237–22	Seal – O–Ring	4
38	69–6980	Valve – Check (Incl. Ref. # 37 & 39)	1
39	237–79	Seal – O–Ring	4
40	71–4060	Rod – Brake Latch	1
41	69–8510	Cover – Steering Tower	1
42	32144–96	Screw – Mach. Round Hd.	3
43	3272–5	Pin – Cotter	1
44	3256–22	Washer – Flat	1
45	3–3251	Spring – Compression	1
46	69–0970	Panel – Control	1
47	62–5550	Decal	1

†Obtain Locally

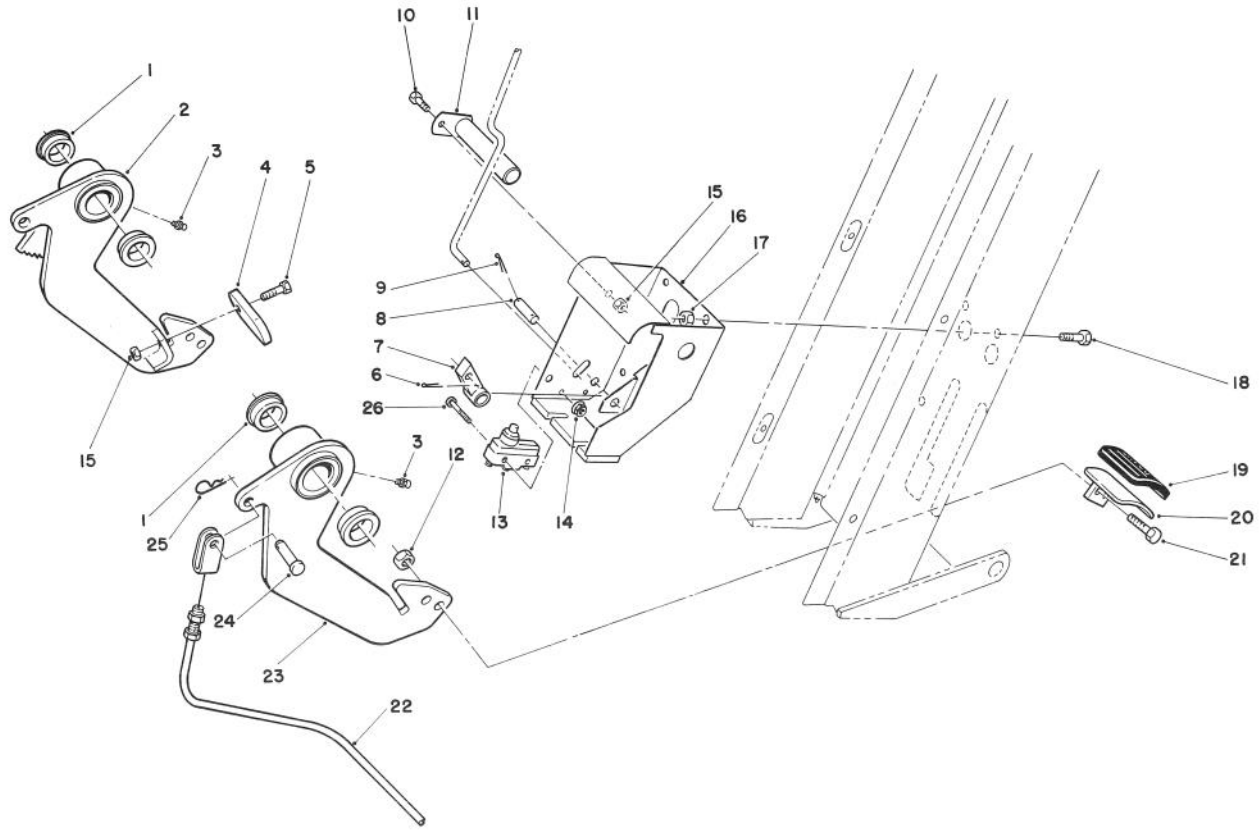


T–0383–90

POWER STEERING VALVE ASSEMBLY NO. 69–1850

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	59–6850	Plate – Spacer	1
15	59–6860	Drive	1
16	69–1860	Gerotor	1
17	69–1880	Spacer	1
18	59–6890	Cap – End	1
19	69–1870	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
*	59–6810	Control Parts Assembly (Incl. Ref. #9–12 & 20)	1
*	49–0170	Seal Kit (Incl. Ref. #2, 5–6, 13, 23 & 25)	1

*Not Illustrated
†Not Serviceable Separately



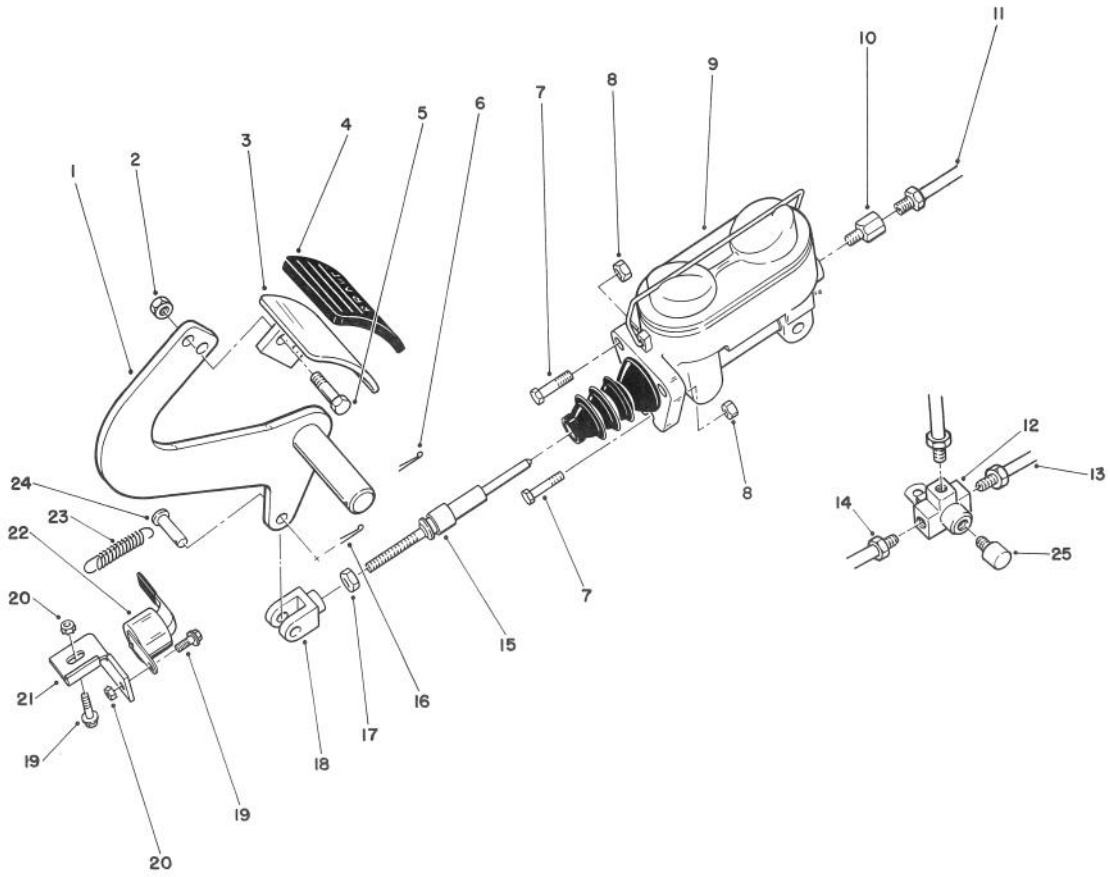
T–0339A–90

STEERING BRAKE ASSEMBLY

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

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

*Not Illustrated

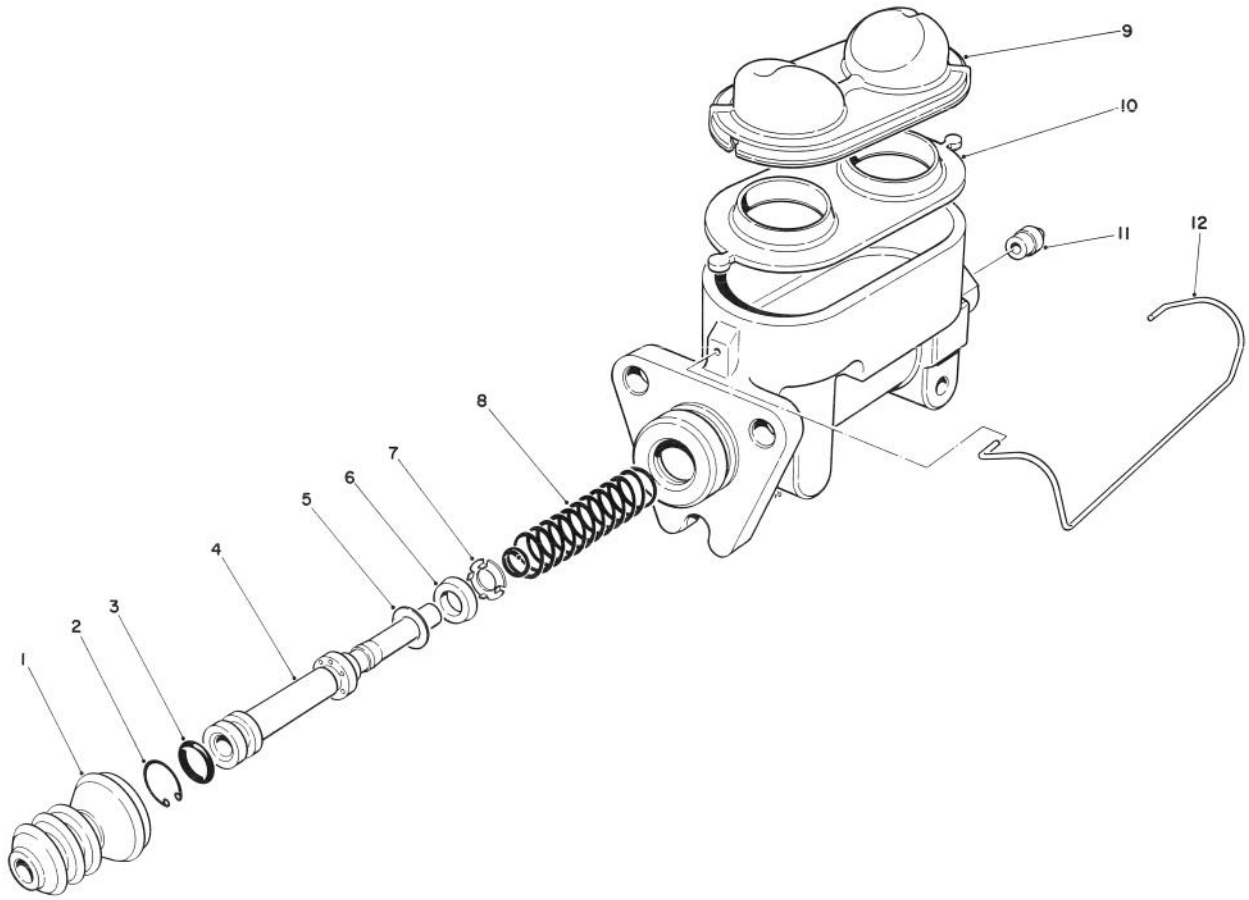


T–0341A

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

Ref. No.	Part No.	Description	No. Used
14	74–2520	Tube – Hydraulic R.H.	1
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	69–9160	Bracket – Brake Switch	1
22	69–0750	Switch – Brake	1
23	21–1830	Spring – Extension	1
24	283–1	Pin – Clevis	1
25	218–242	Switch – Brake	1

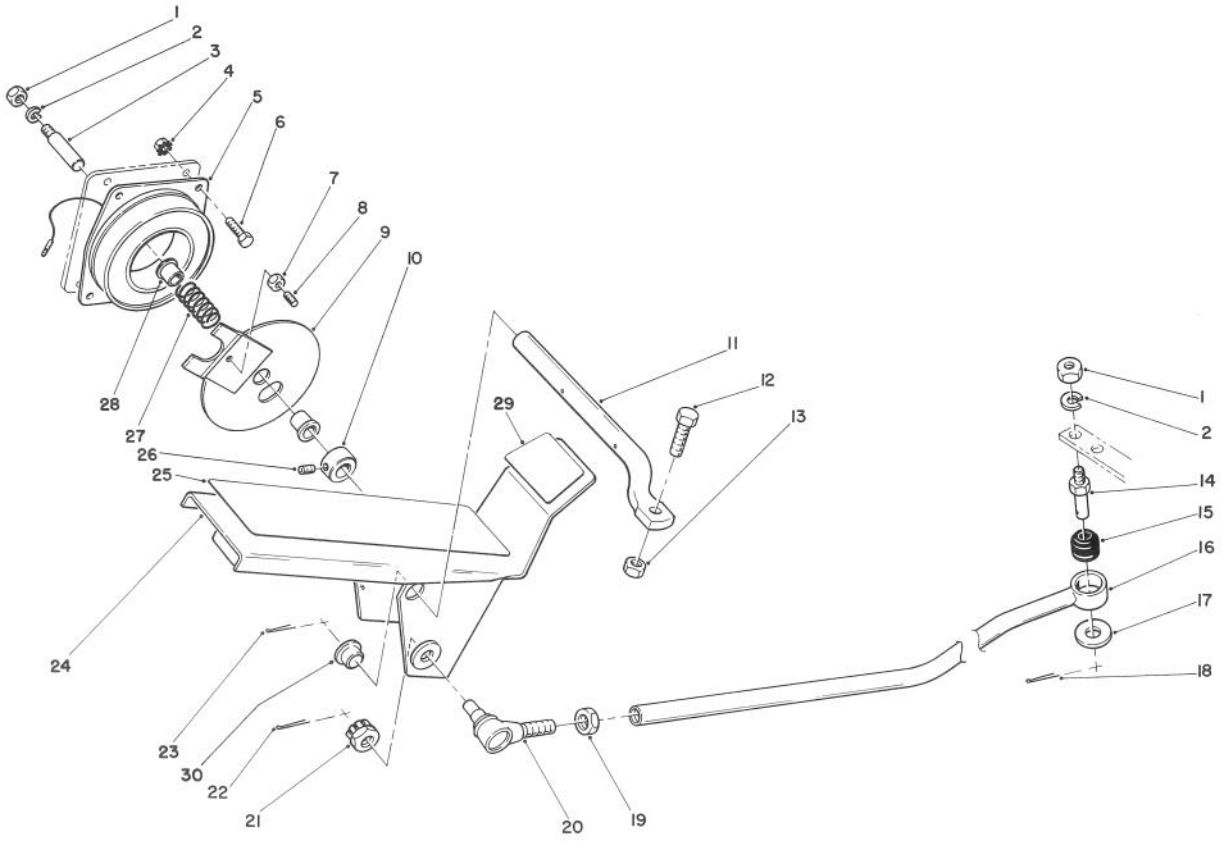


T–0384–90

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.

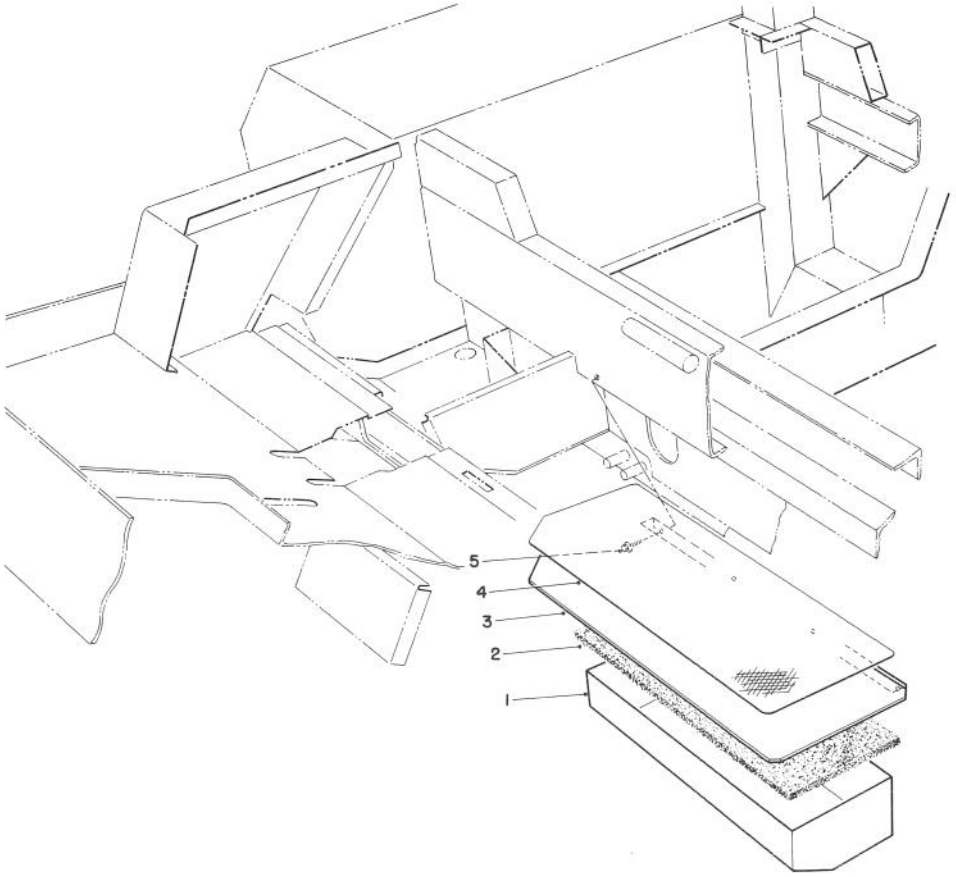


T-0351-90

TRACTION PEDAL & CRUISE CONTROL ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3217-7	Nut – Lock	2
2	3253-21	Washer – Lock	2
3	69-9170	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

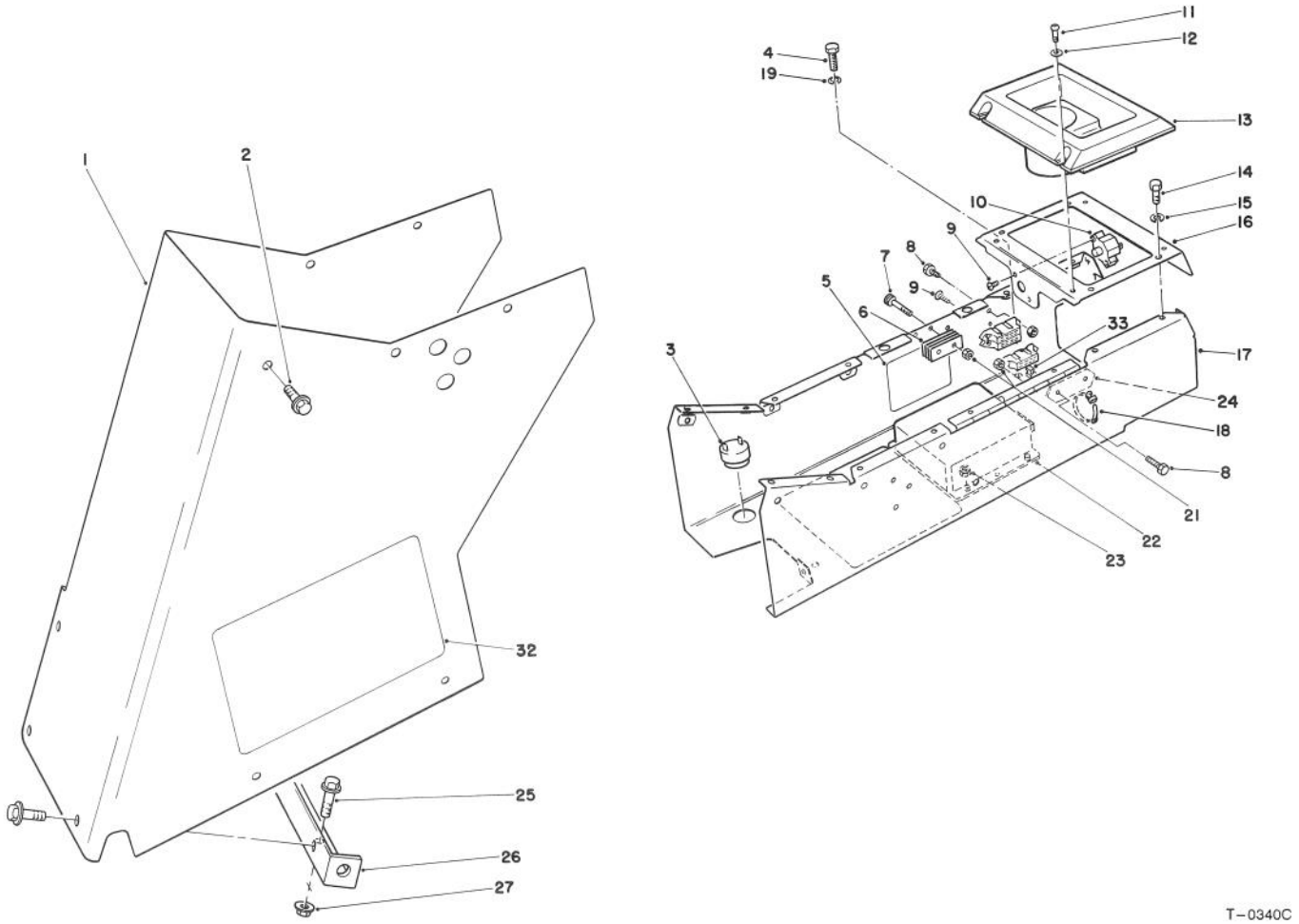
Ref. No.	Part No.	Description	No. Used
16	74-2700	Rod – Control	1
17	3256-6	Washer – Flat	1
18	3272-10	Pin – Cotter	1
19	3220-5	Nut – Jam	1
20	21-0140	Joint – Ball (Incl. Ref. #21)	1
21	32136-4	Nut – Castle	1
22	3272-6	Pin – Cotter	1
23	3272-7	Pin – Cotter	2
24	69-7650	Pedal – Traction	1
25	71-0440	Abrasive – Pedal Front	1
26	3245-32	Screw – Set	1
27	43-6200	Spring – Compression	1
28	256-273	Bushing – Flange	2
29	71-0450	Abrasive – Pedal Rear	1
30	256-156	Bushing – Flange	2



T–0876–90

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



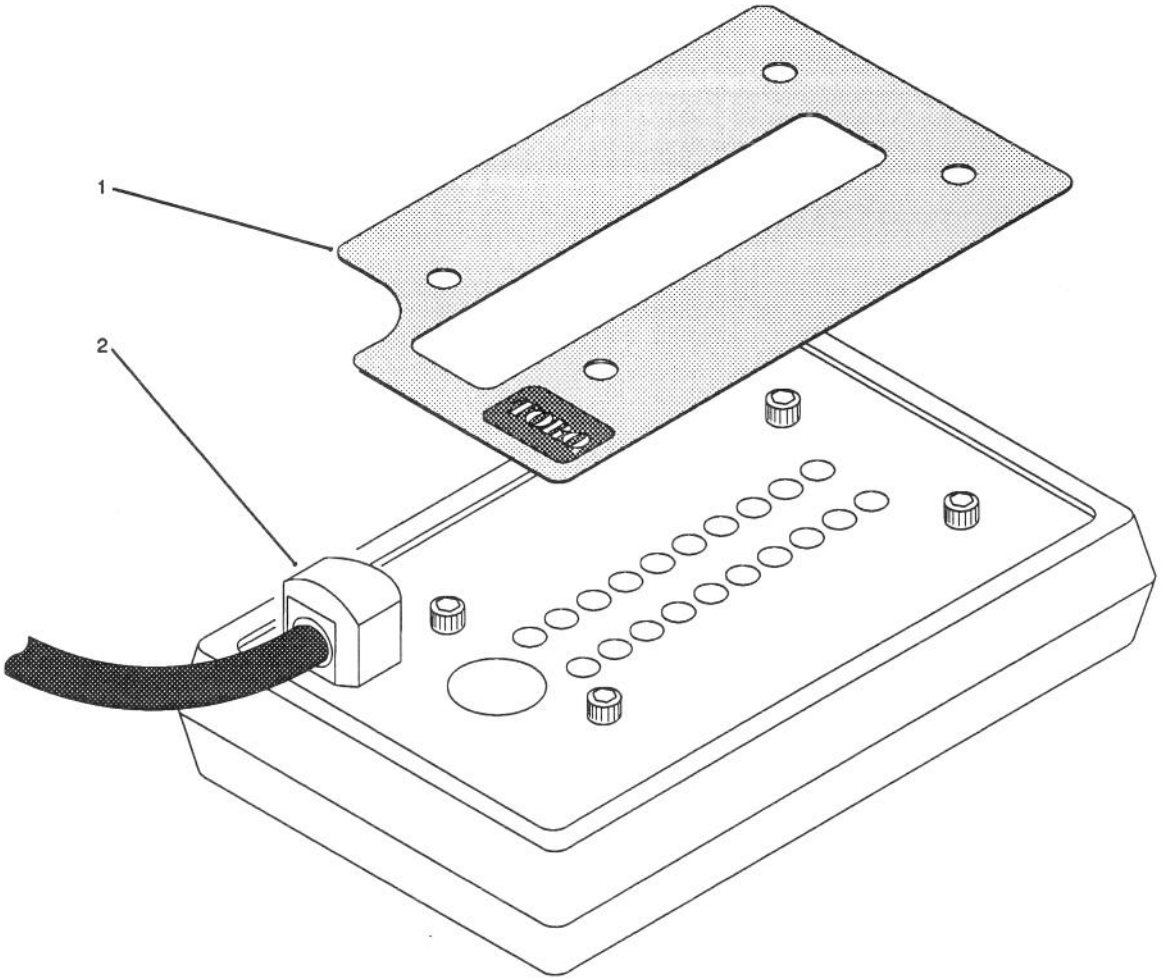
T-0340C

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	32105-1	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

Ref. No.	Part No.	Description	No. Used
17	71-4130	Support - Control	1
18	3290-378	Tie - Cable	2
19	3253-21	Washer - Lock	4
21	3296-2	Nut - Lock	6
22	92-1794	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
*	88-9420	Wire Harness Assembly (Incl. Ref. #24)	1
*	218-573	Fuse - 5A	1
*	3290-378	Tie - Cable	25

*Not Illustrated

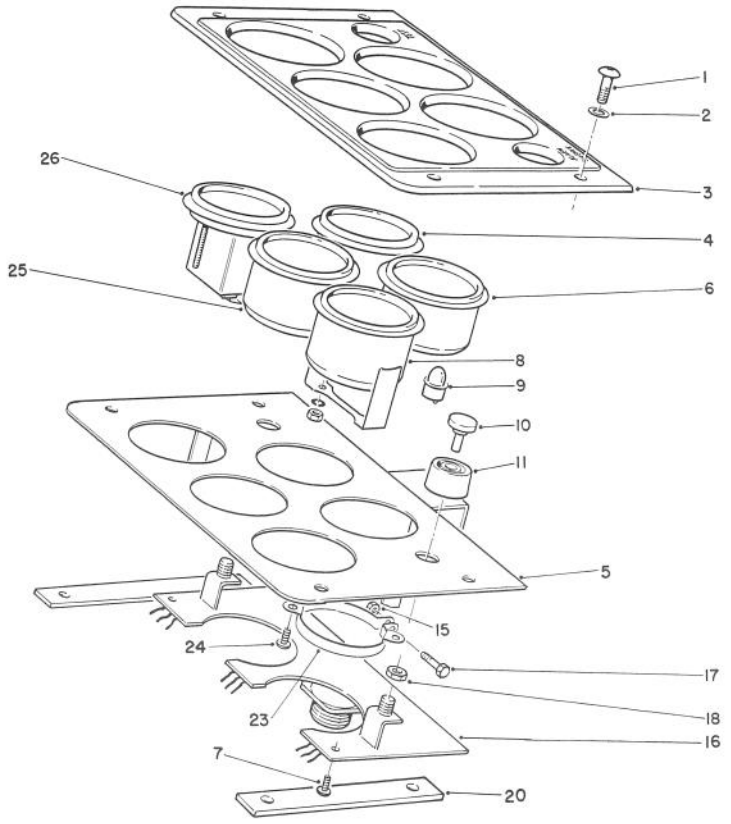


T–1458

DIAGNOSTIC DISPLAY ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	88–1860	Decal – Diagnostic GM 580D	1

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

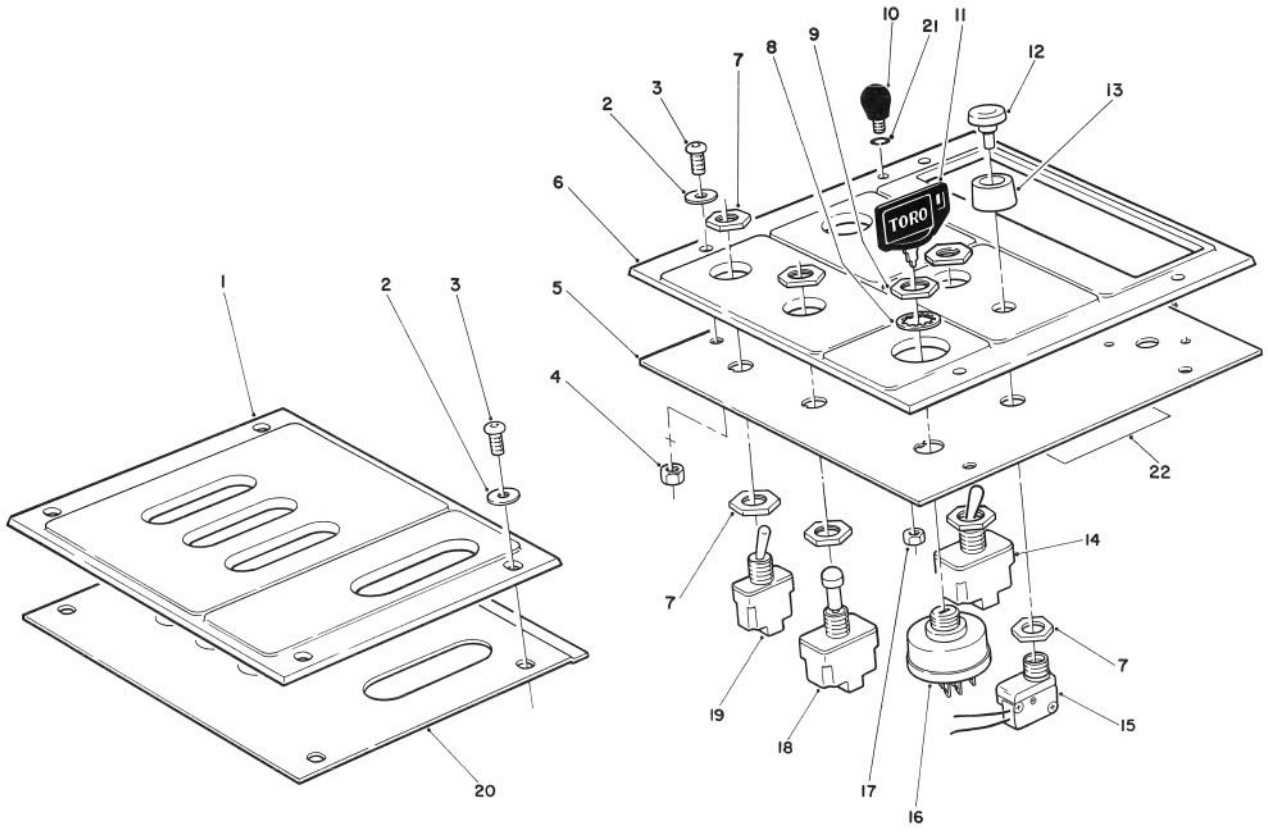


T–1448

UPPER CONTROL PANEL ASSEMBLY

Ref. No.	Part No.	Description	No. Used
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

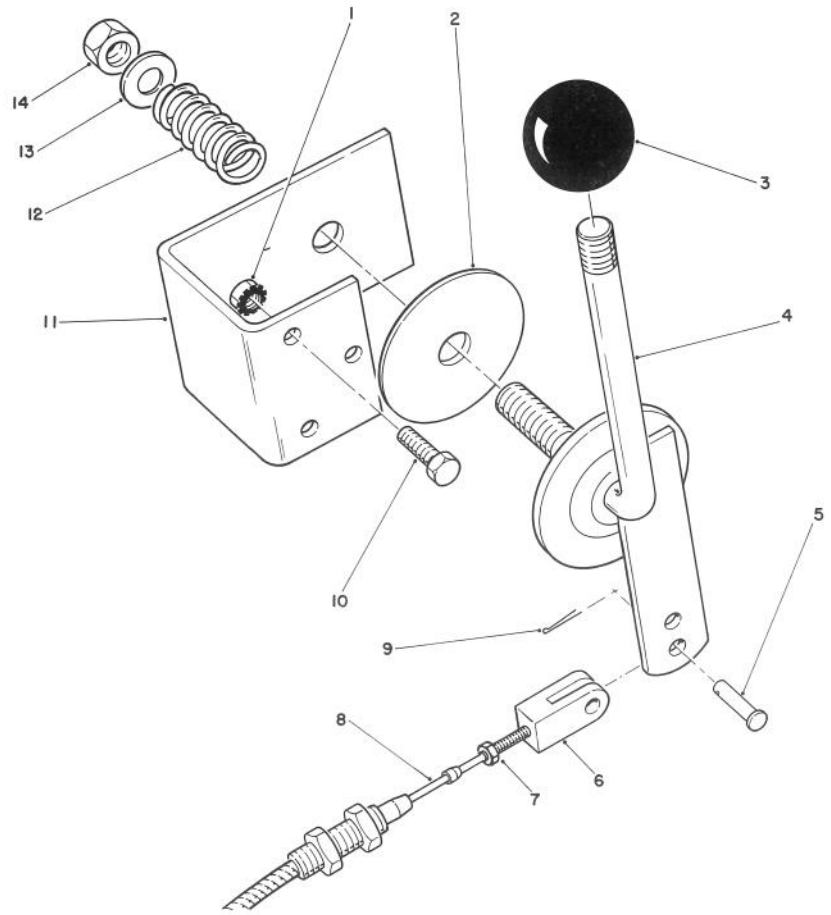
Ref. No.	Part No.	Description	No. Used
11	43–6420	Bezel	2
15	3296–2	Nut – Lock	2
16	92–1771	Board – Instrument	1
17	32105–12	Screw – Cap Hex. Hd.	2
18	218–498	Nut	2
20	71–4250	Spacer	2
23	69–4780	Clamp – Gauge	2
24	32144–19	Screw – Round Hd.	4
25	66–2940	Gauge – Fuel	1
26	66–2950	Hourmeter	1



T–0371A

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 – Switch	2
13	43–6420	Bezel – Switch	2
14	69–9740	Switch – Toggle (Incl. Ref. #7)	1
15	72–9760	Switch – Push Button (Incl. Ref. #7, 12 & 13)	2
16	27–2360	Switch – Ignition (Incl. Ref. #8 & 9)	1
17	3290–392	Nut – Lock	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



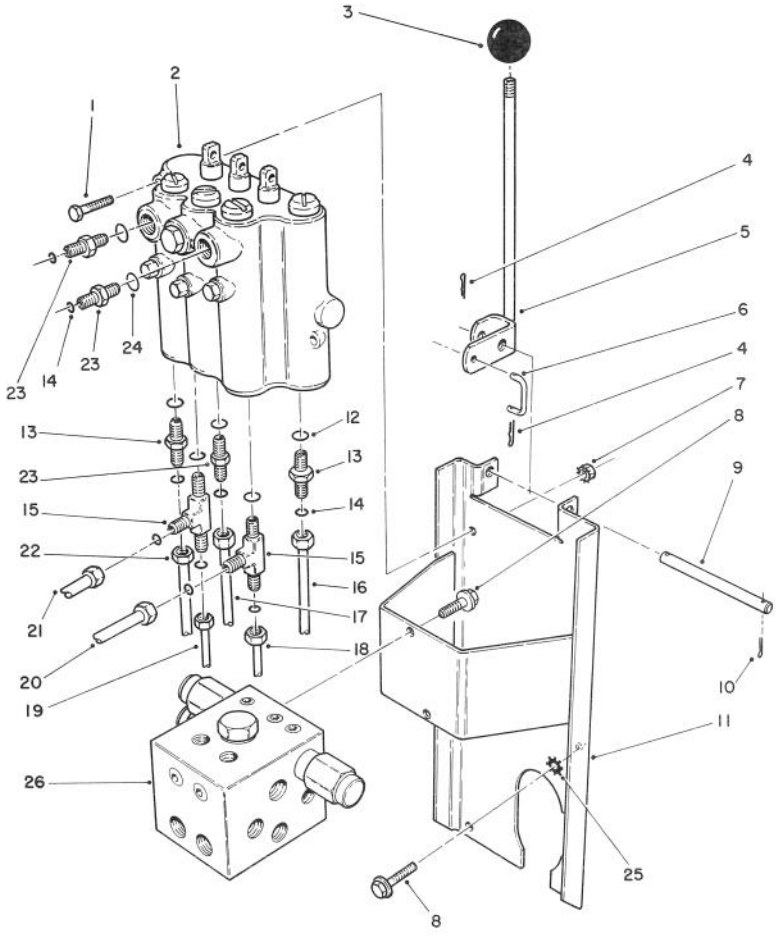
T–0352A–90

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

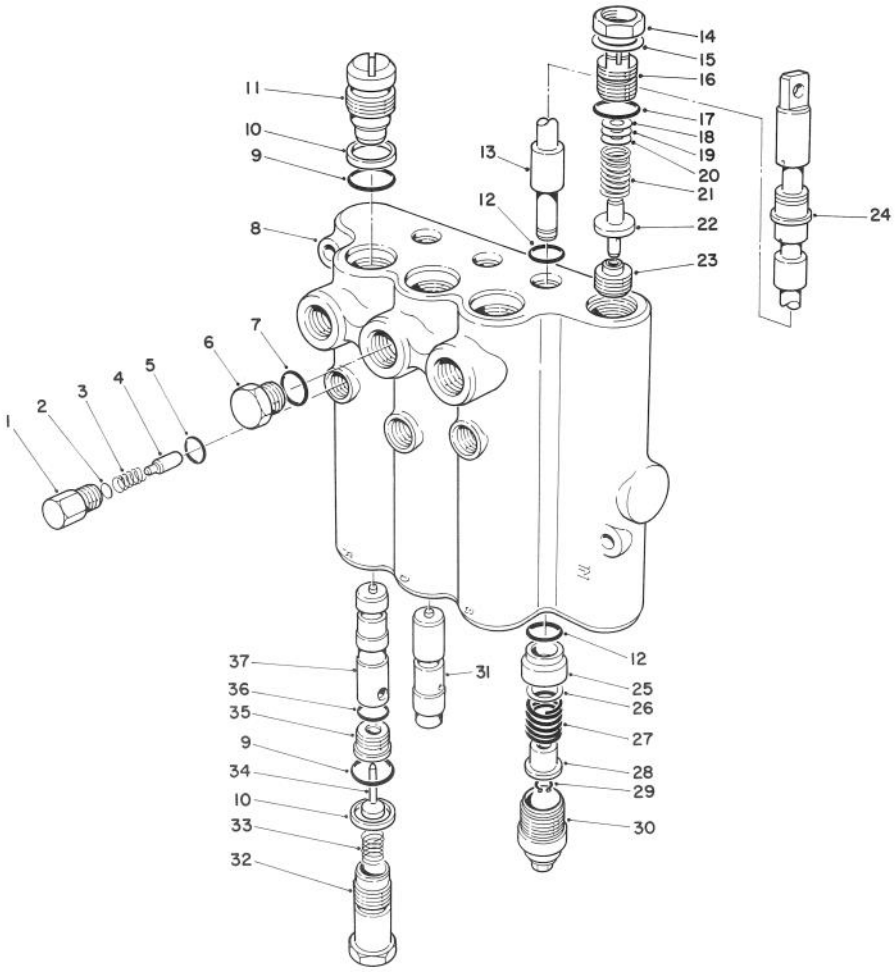


T–0355–90

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-0379-90

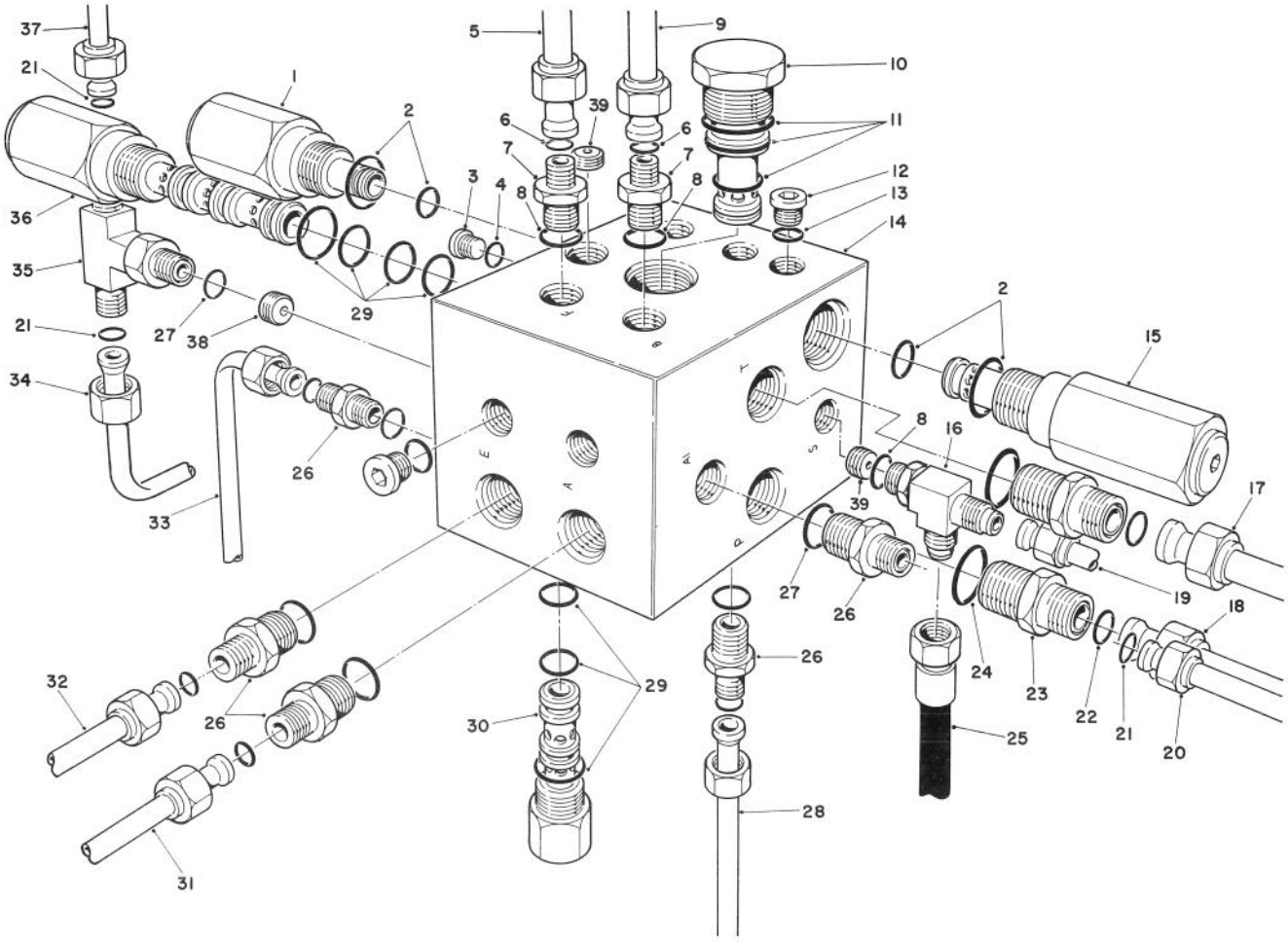
LIFT VALVE ASSEMBLY NO. 69-1780

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

3315-624

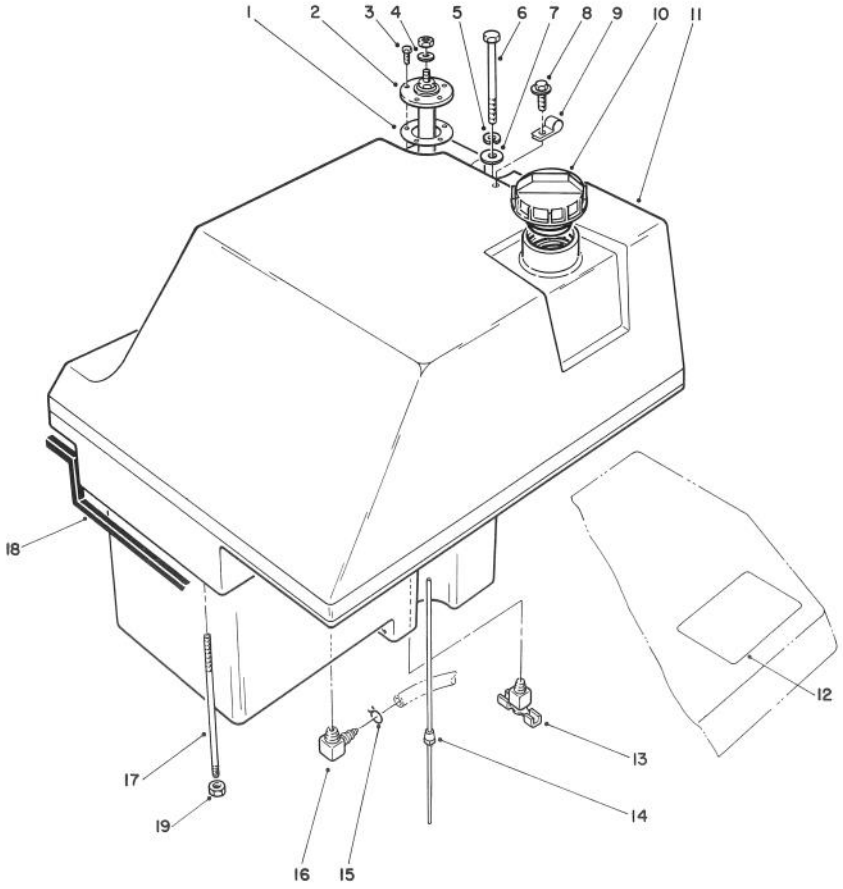


T-0356A-90

COUNTERBALANCE MANIFOLD ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	69-4080	Valve - Hydraulic Cartridge (Incl. Ref. #2)	1
2	69-4230	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	71-3970	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	69-5660	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

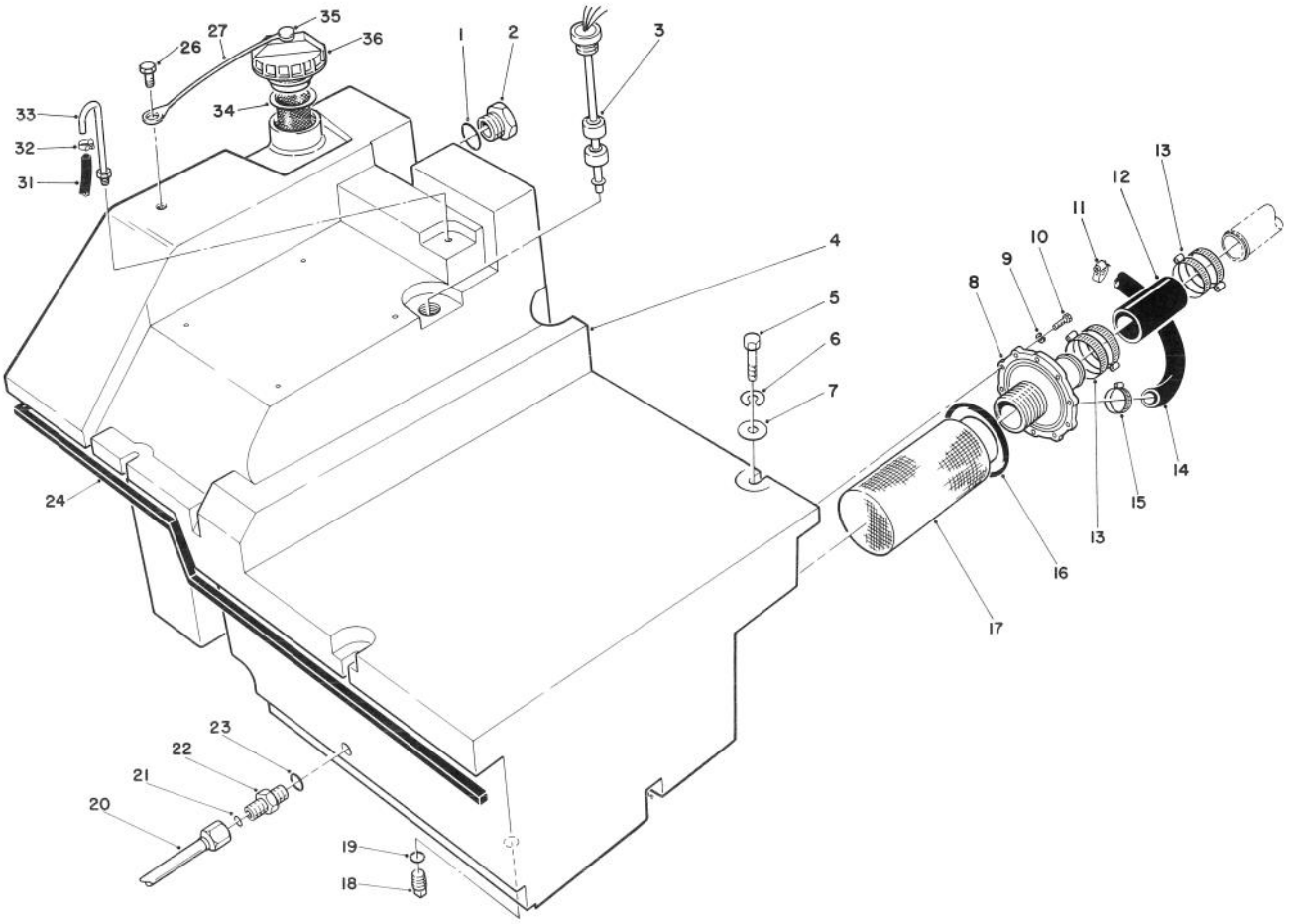


T-0353A-90

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	32140-40	Screw – Cap Hex. Hd.	5
4	5-3637	Spacer – Terminal	1
5	3253-21	Washer – Lock	2
6	323-23	Screw – Cap Hex. Hd.	1
7	5-3177	Washer – Flat	1
8	3234-13	Screw – Hex. Washer Hd.	1
9	2412-89	Clamp – R	1
10	70-8620	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	353-781	Fitting – Fuel 90 Elbow	1
17	72-9550	Stud – Fuel Tank	1
18	68-7572	Strip – Sealing	1
19	3217-7	Nut – Hex.	1

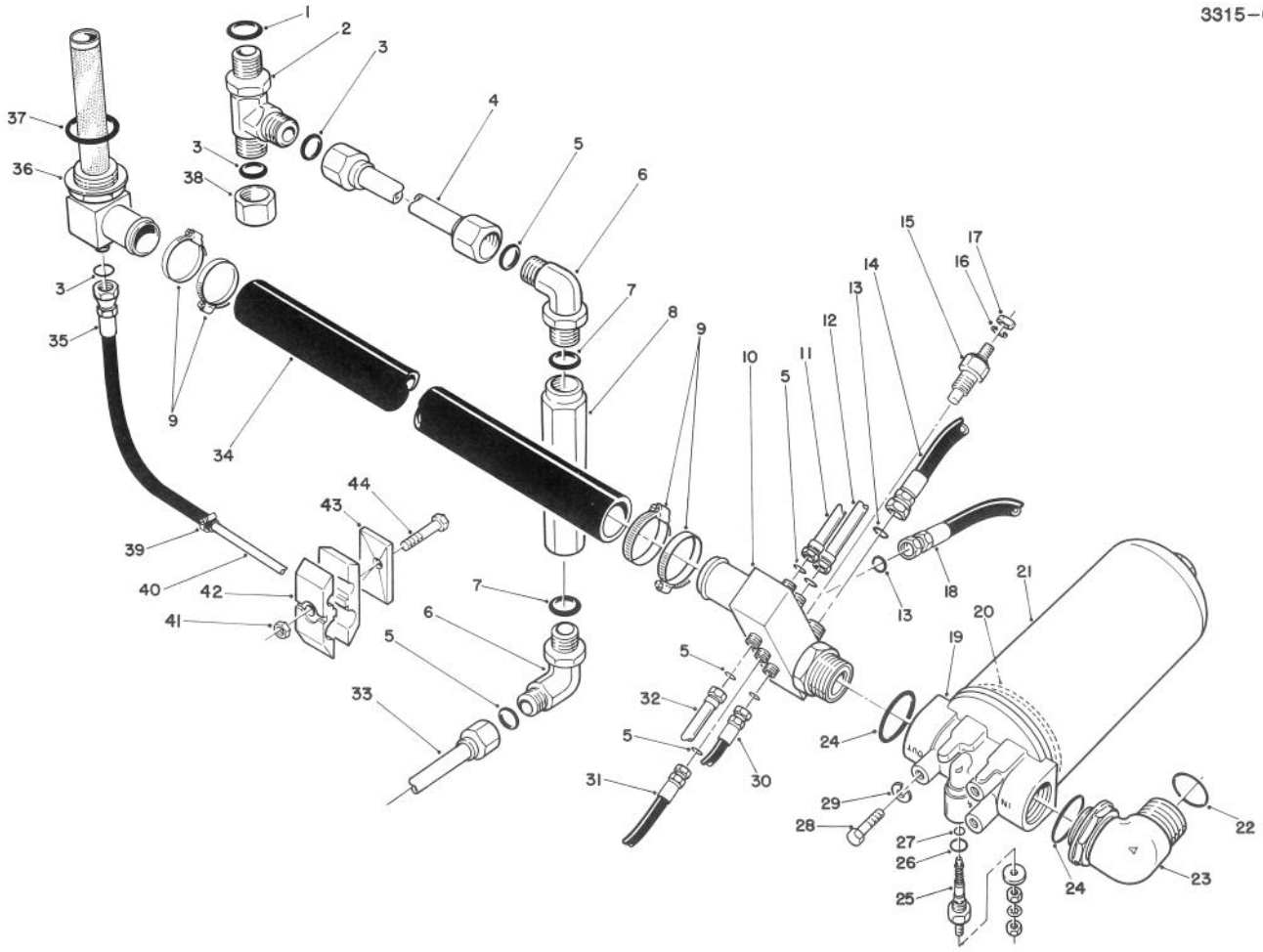


T–0354A–90

HYDRAULIC TANK ASSEMBLY

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

Ref. No.	Part No.	Description	No. Used
18	58–9160	Plug – Drain	1
19	237–80	Seal – O–Ring	3
20	69–5800	Tube – Hydraulic	1
21	237–22	Seal – O–Ring	1
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	70–8640	Cap – Hydraulic (Incl. Ref. #27 & 35)	1

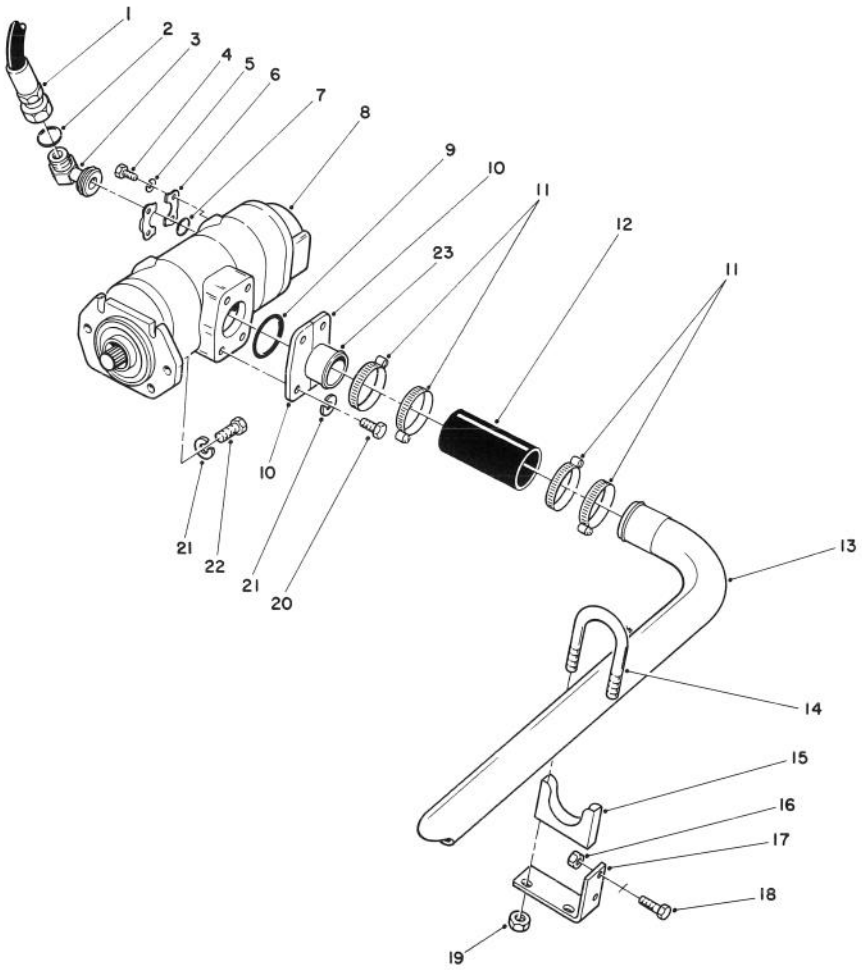


T–0367A

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	237–58	Seal – O–Ring	3
4	76–4450	Tube – Hydraulic	1
5	237–22	Seal – O–Ring	5
6	340–18	Fitting – Hydraulic 90° Elbow (Incl. Ref. #5 & 7)	2
7	237–79	Seal – O–Ring	2
8	76–4470	Valve – Check	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	39–7592	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	1
22	340–65	Seal – O–Ring	1
23	340–79	Fitting – Hydraulic 90°Elbow (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
33	76–4440	Tube – Hydraulic	1
34	74–2660	Hose – Hydraulic Return	1
35	92–2352	Hose – Hydraulic	1
36	92–2351	Fitting – Tank Return (Incl. Ref. #3 & 37)	1
37	340–136	Seal – O–Ring	1
38	340–150	Cap – Hydraulic	1
39	2412–119	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	322–11	Screw – Cap Hex. Hd.	3

†Not serviceable separately.



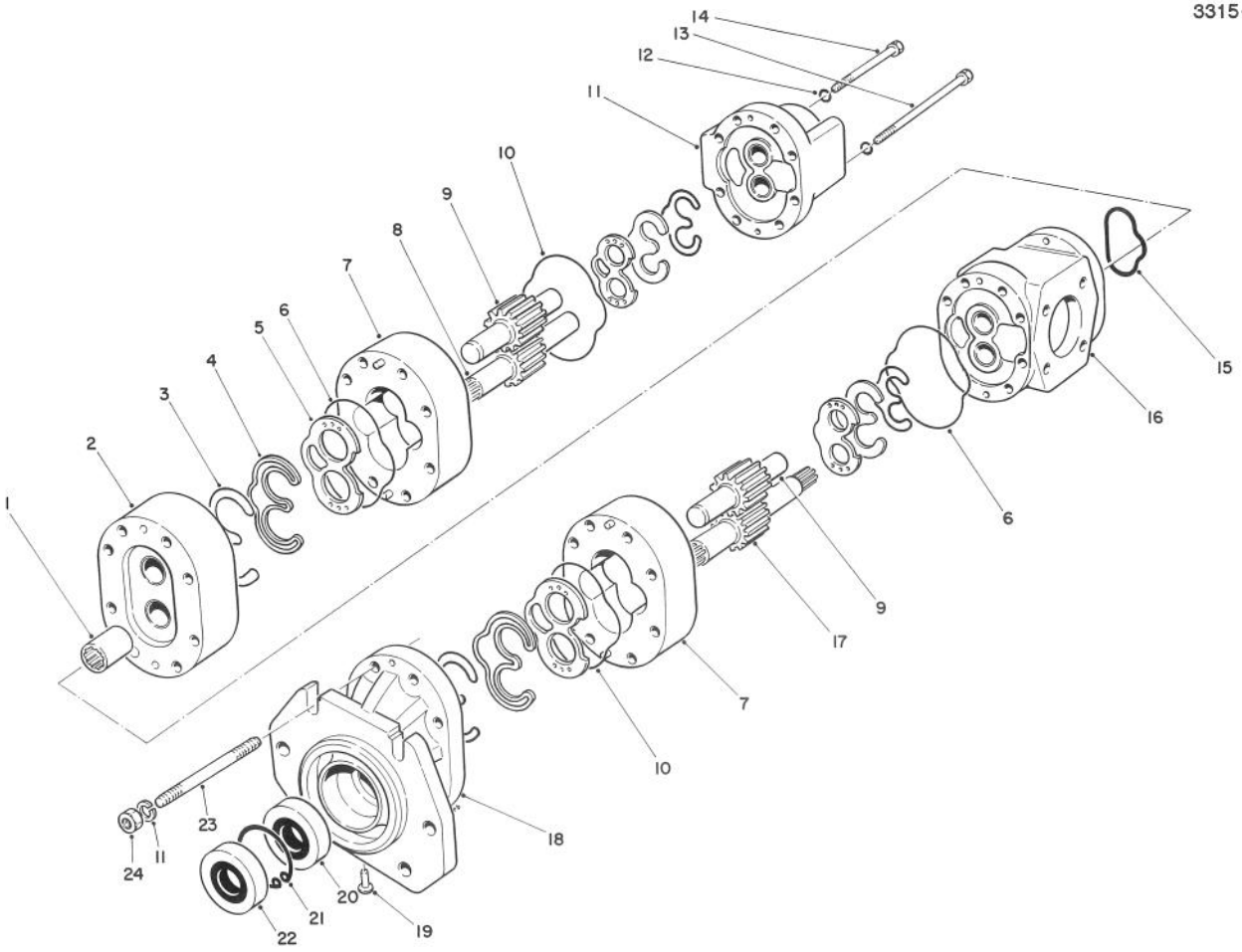
T–0349–90

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	3217–6	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.

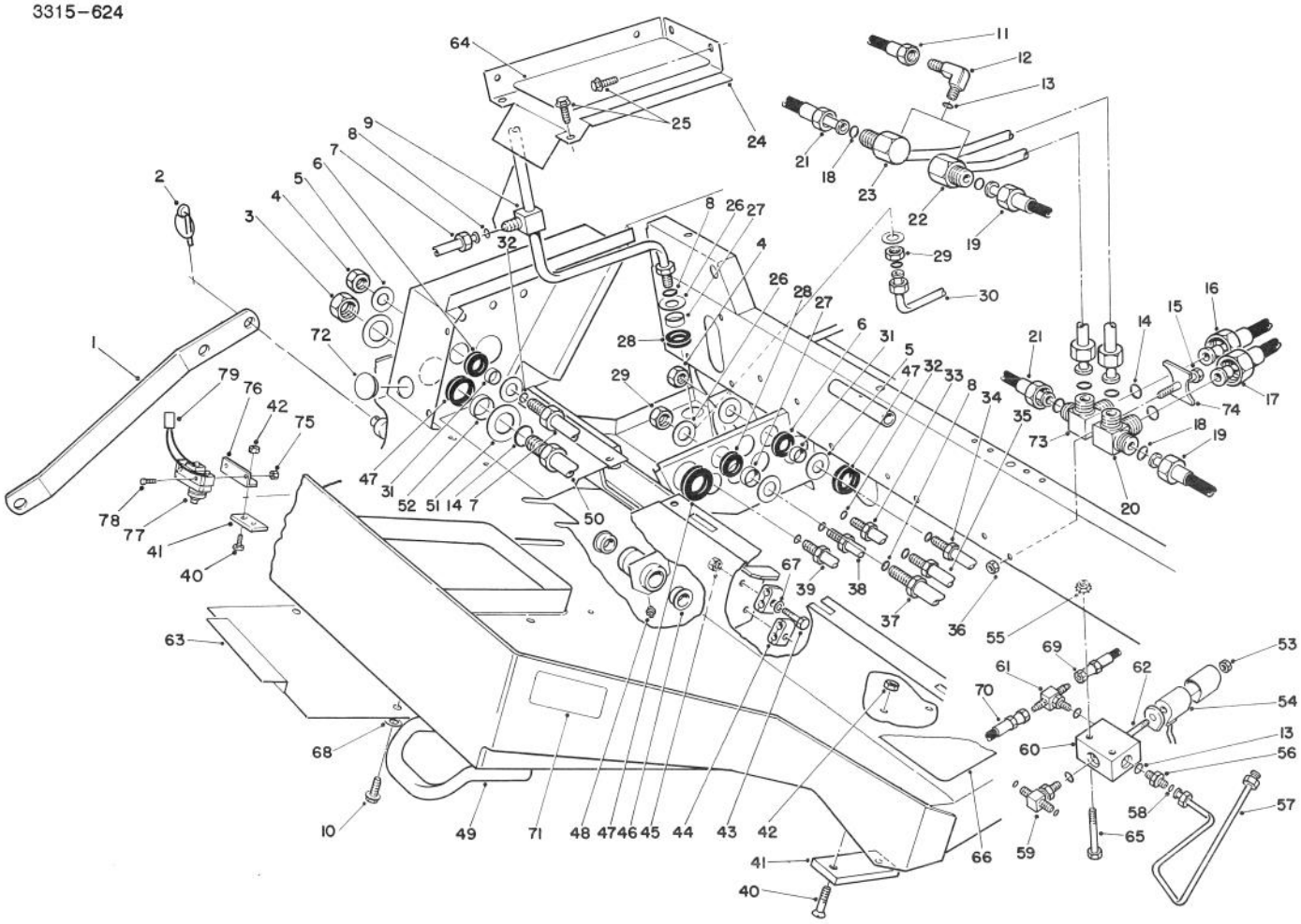


T–0382–90

DOUBLE GEAR PUMP NO. 69–2050

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

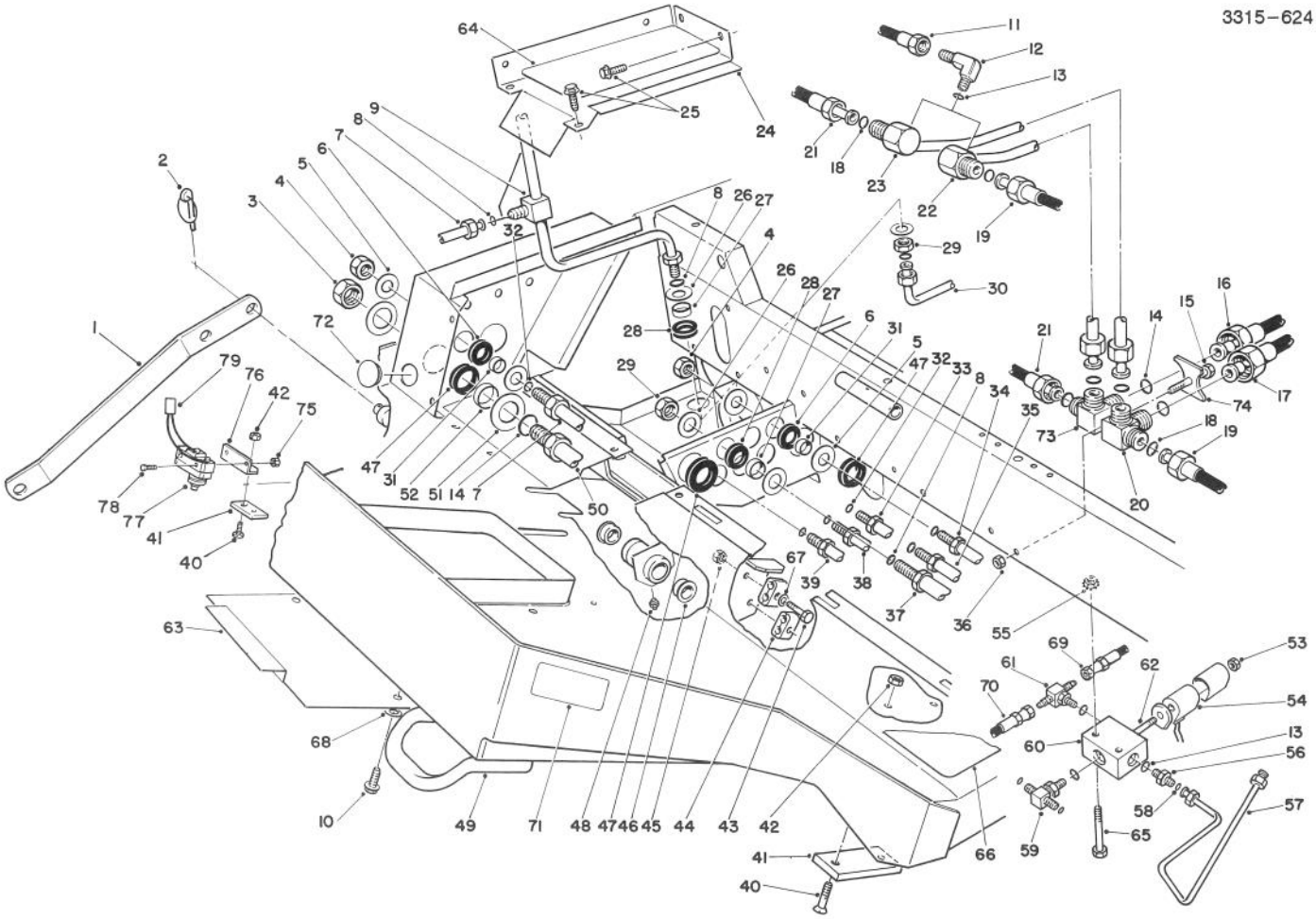
Ref. No.	Part No.	Description	No. Used
14	69–2140	Screw – Cap Hex. Hd.	4
15	69–2210	Seal – O–Ring	1
16	69–2160	Port Section Assembly	1
17	59–8500	Gear/Shaft – Front Drive	1
18	69–2060	Shaft End Cover Assembly	1
19	69–2130	Plug	1
20	59–8590	Seal – Shaft	1
21	59–8580	Ring – Retaining	1
22	59–8570	Seal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



FRAME ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	85–6190	Link – Deck Tilt	1
2	32–0140	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	69–5690	Tube – Hydraulic (Incl. Ref. #32)	1
8	237–30	Seal – O–Ring	3
9	71–3970	Tube – Hydraulic (Incl. Ref. #8)	1
10	3234–28	Screw – Hex. Flange Hd.	2
11	69–5660	Hose – Hydraulic	2
12	353–375	Fitting – Hydraulic 90° Elbow (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	83–4330	Assy. – Tube, Traction L.H.	2
20	83–8350	Fitting – Traction, L.H. (Incl. Ref. #14 & 18)	1
21	83–4340	Assy. – Tube, Traction R.H.	2
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	6
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	69–5880	Tube – Hydraulic (Incl. Ref. #32)	1
40	32108–103	Screw – Machine Flat Hd.	4

*Not Illustrated



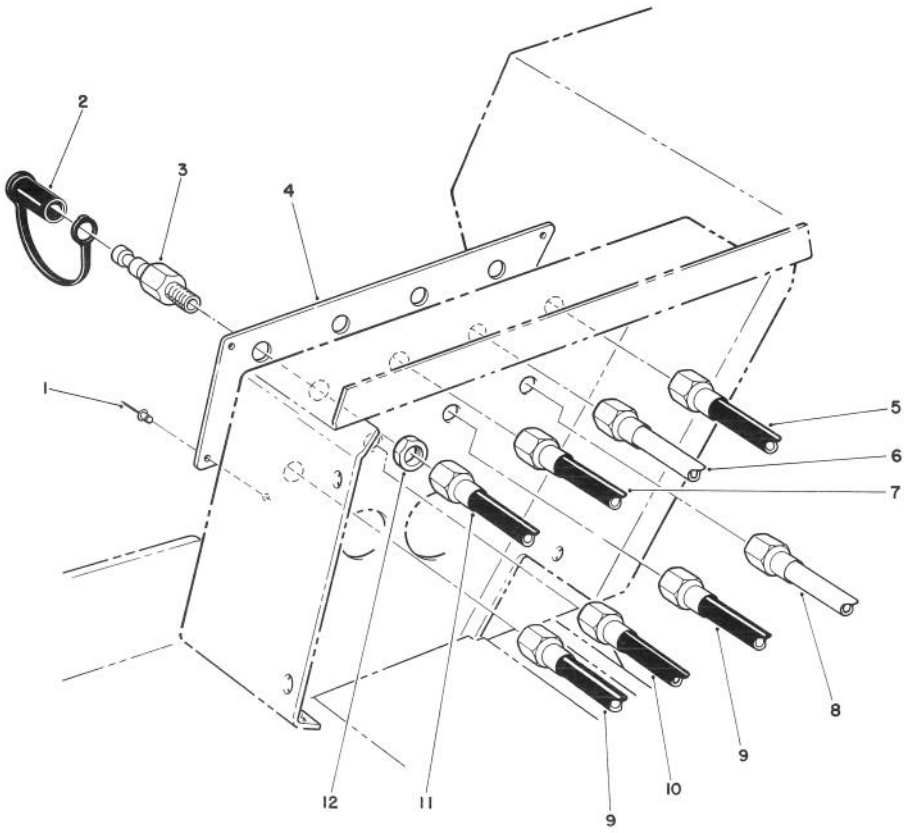
T-0357B

FRAME ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
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
†60		Body – Valve	1

Ref. No.	Part No.	Description	No. Used
61	340-123	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	69-5663	Hose – Diagnostic	1
70	69-5664	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
75		Nut – Lock	2
76	88-9280	Bracket – Switch	1
77	29-6163	Switch	1
78	3249-11	Screw	2
79	88-9510	Wire – Switch	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.

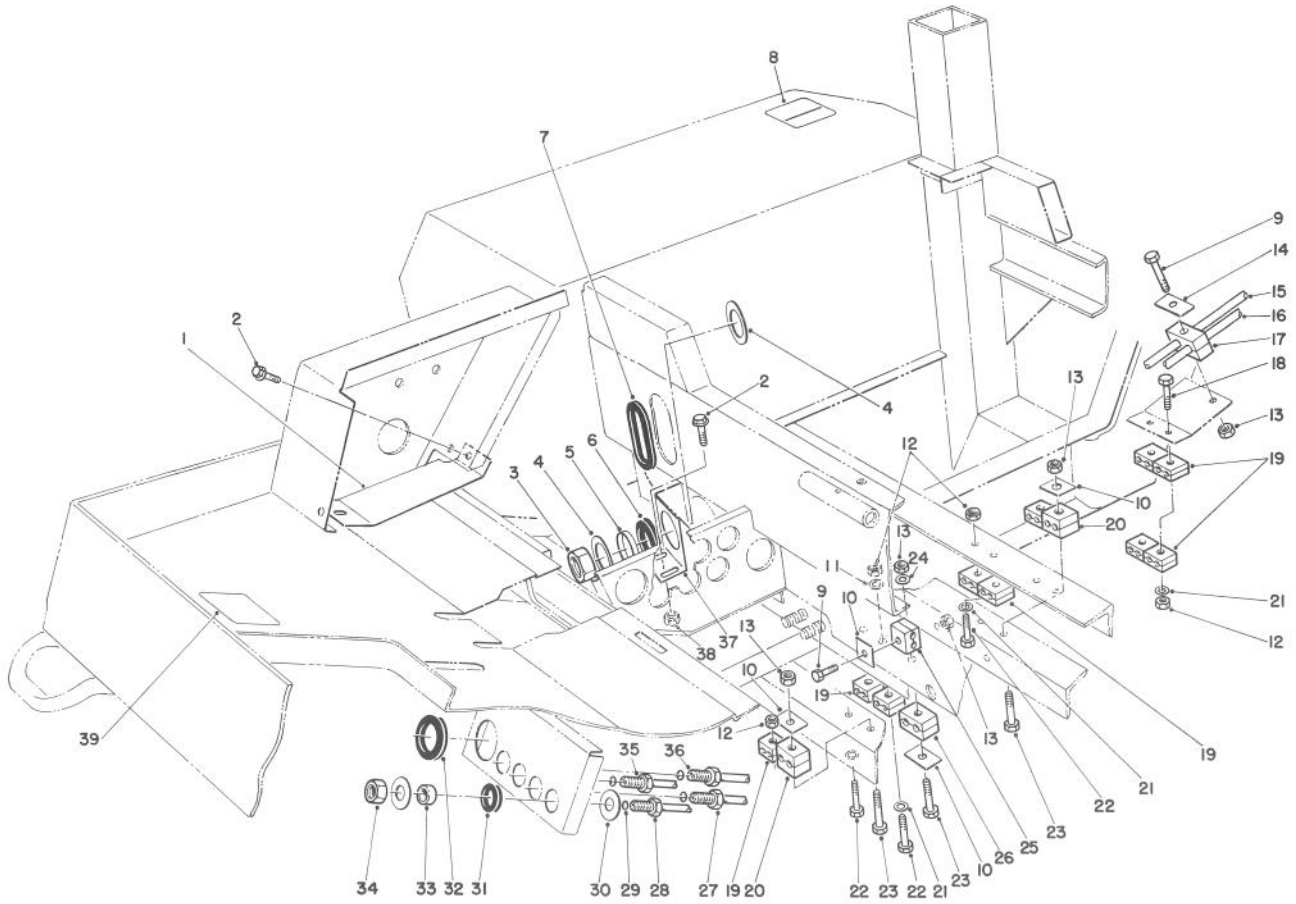


T–0363A–90

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	69–5660	Hose – Hydraulic Diagnostic	1
6	69–5910	Tube – Hydraulic Diagnostic	1

Ref. No.	Part No.	Description	No. Used
7	69–5664	Hose – Hydraulic Diagnostic	1
8	69–5920	Tube – Diagnostic	1
9	69–5662	Hose – Hydraulic Diagnostic	2
10	69–5665	Hose – Hydraulic Diagnostic	1
11	69–5661	Hose – Hydraulic Diagnostic	1
12	3220–4	Nut – Bulkhead	8

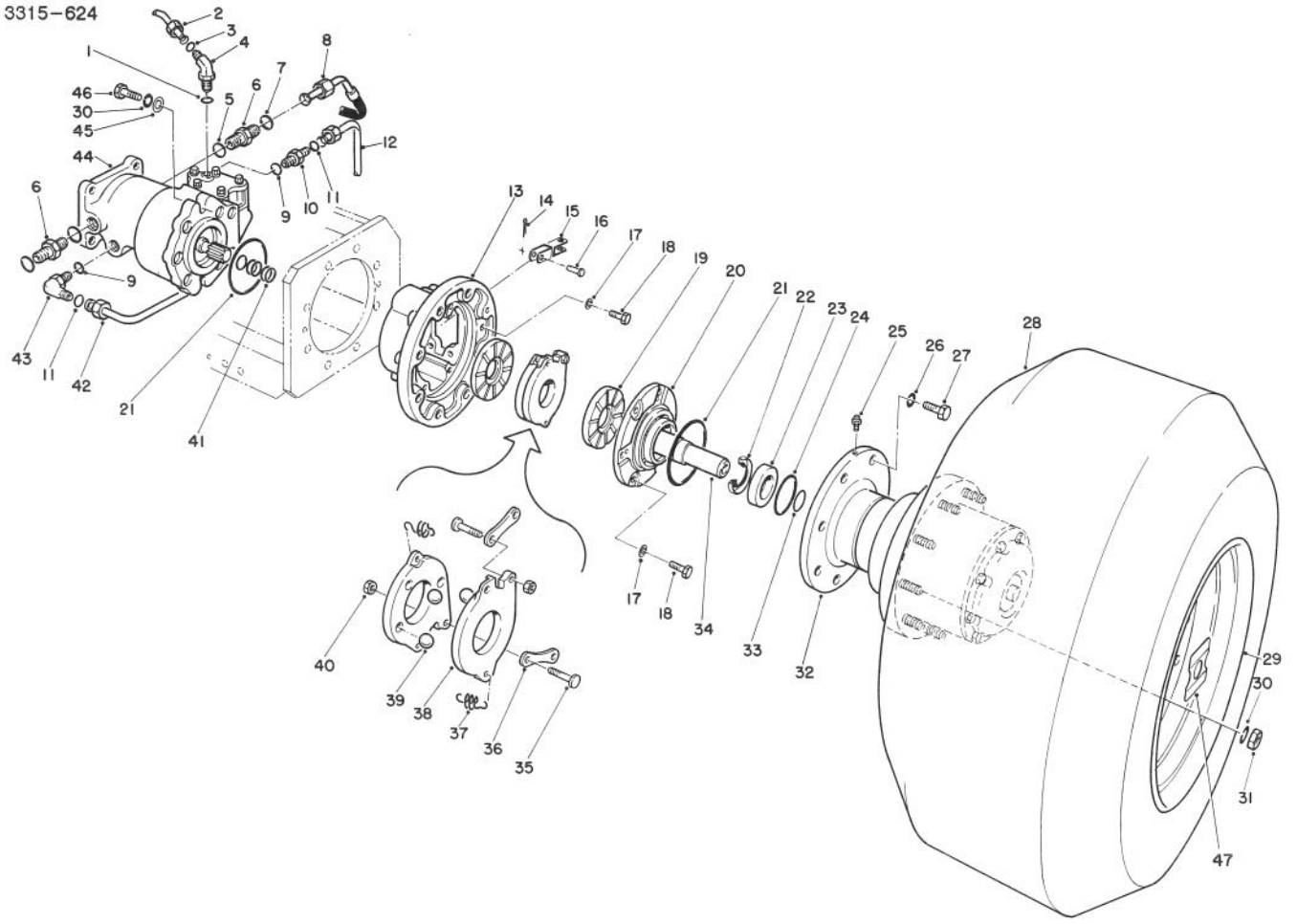


T–0358–90

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	322–11	Screw – Cap Hex. Hd.	5
10	69–9760	Plate – Cover	7
11	3256–22	Washer – Flat	2
12	32152–4	Nut – Lock	6
13	32152–1	Nut – Lock	8
14	69–9761	Plate – Cover	1
15	69–6130	Tube – Hydraulic	1
16	69–6120	Tube – Hydraulic	1
17	56–7974	Clamp Half – Hydraulic Line	2
18	321–15	Screw – Cap Hex. Hd.	2
19	56–7973	Clamp Half – Hydraulic Line	20
20	56–7972	Clamp Half – Hydraulic Line	4
21	3256–56	Washer – Flat	8
22	321–9	Screw – Cap Hex. Hd.	6

Ref. No.	Part No.	Description	No. Used
23	322–10	Screw – Cap Hex. Hd.	3
24	3256–23	Washer – Flat	1
25	56–7975	Clamp Half – Hydraulic Line	8
26	56–7971	Clamp Half – Hydraulic Line	2
27	69–6090	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	71–2560	Support – Bulkhead	2
38	32128–20	Nut – Lock	4
39	69–0940	Decal – Caution	1

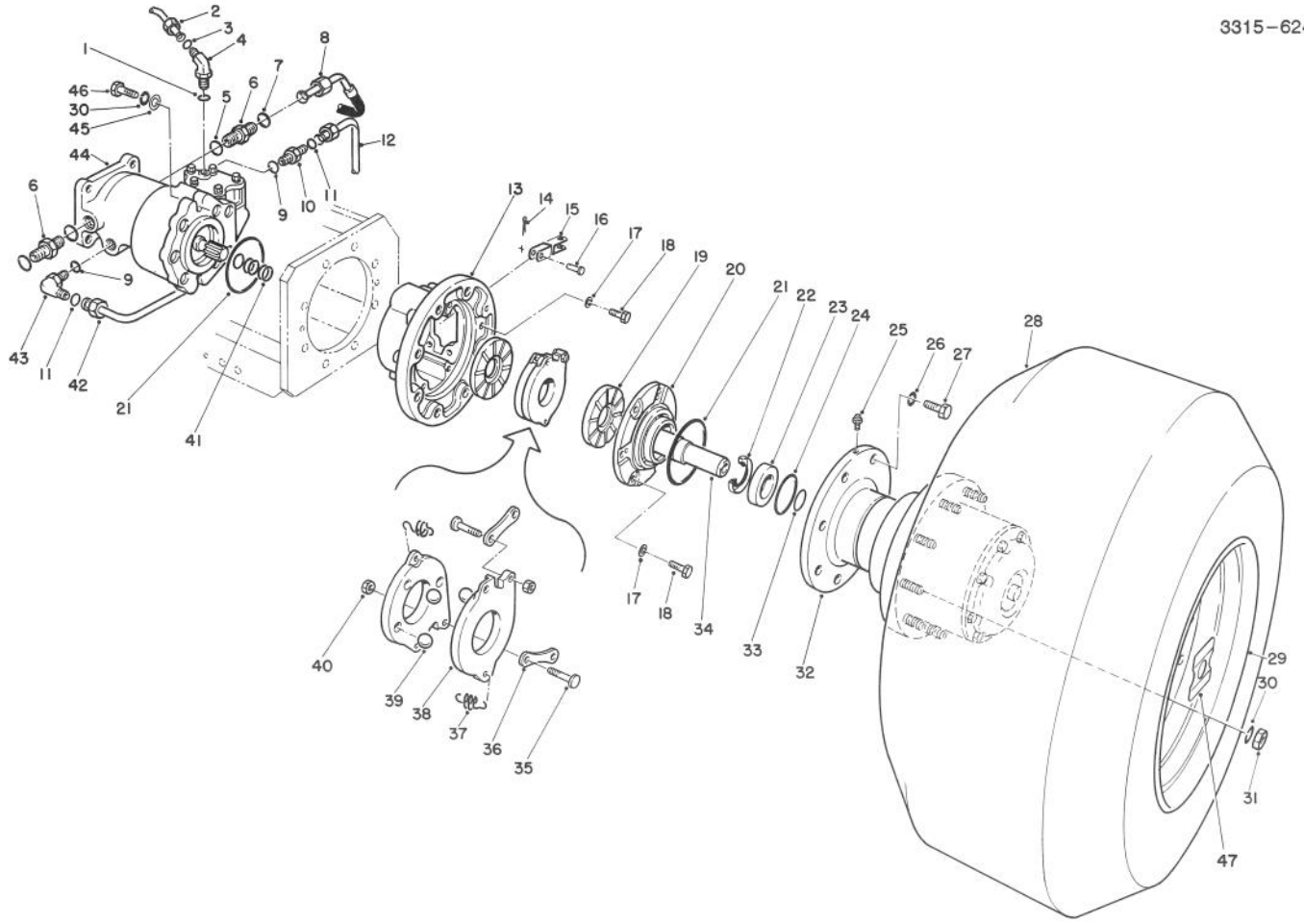


FRONT WHEEL ASSEMBLY

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)	4
7	237-58	Seal – O-Ring	6
8	69-5760	Hose – Hydraulic L.H.	2
*	69-5770	Hose – Hydraulic R.H.	2
9	237-81	Seal – O-Ring	4
10	340-9	Fitting – Hydraulic St. L.H. (Incl. Ref. #9 & 11)	1
*	340-148	Fitting – Hydraulic Tee R.H. (Incl. Ref. #7 & 9)	1
11	237-58	Seal – O-Ring	3
12	92-1742	Tube – Hydraulic L.H.	1
*	76-4440	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

Ref. No.	Part No.	Description	No. Used
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	1
*	231-139	Tire – R.H. (Optional)	2
*	231-140	Tire – L.H. (Optional)	1
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

*Not Illustrated

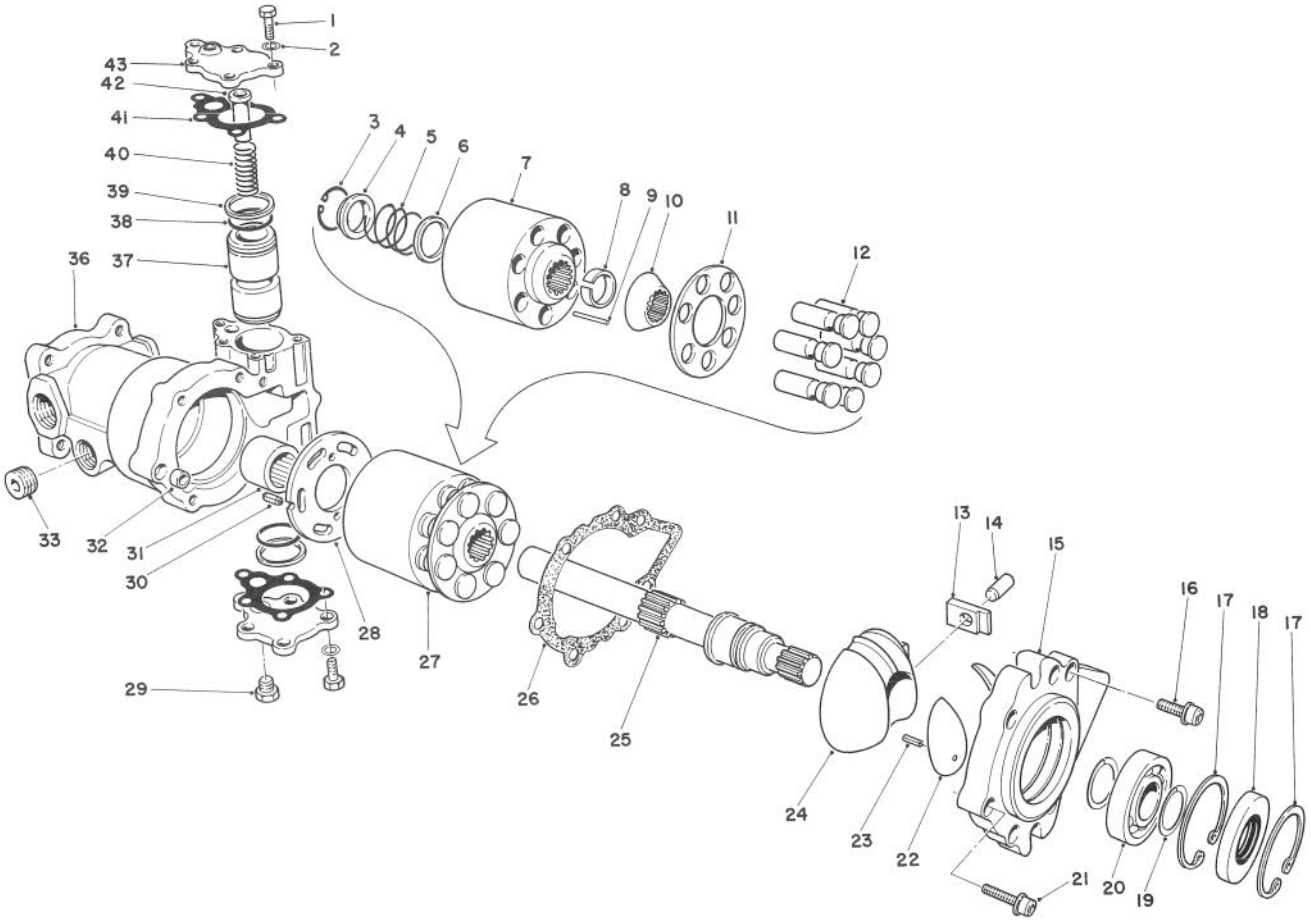


T–0342–90

FRONT WHEEL ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
43	340–142	Fitting – Hydraulic Elbow (Incl. Ref. #9 & 11)	2
44	69–3050	Motor – Hydraulic Wheel	2

Ref. No.	Part No.	Description	No. Used
45	3256–26	Washer – Flat	4
46	325–7	Screw – Cap Hex. Hd.	4
47	72–4070	Decal – Danger	2



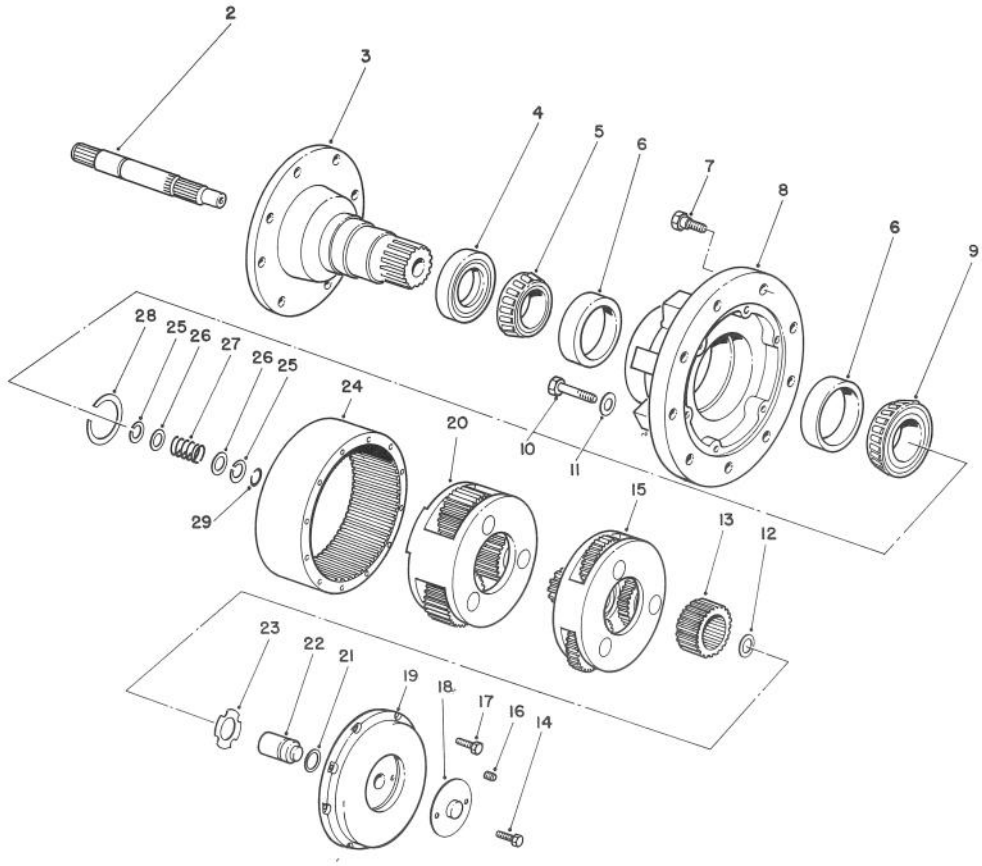
T–0372–90

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–0140–90

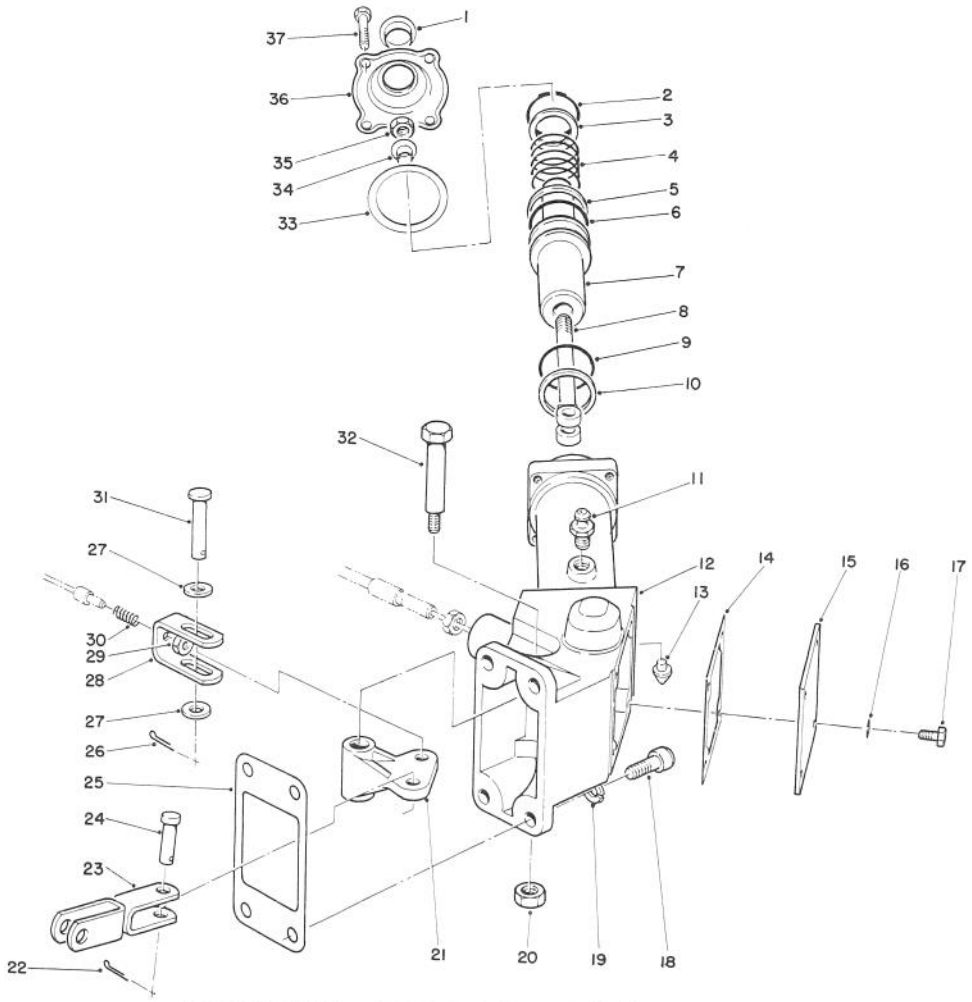
PLANETARY GEAR ASSEMBLY NO. 69–1730

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.



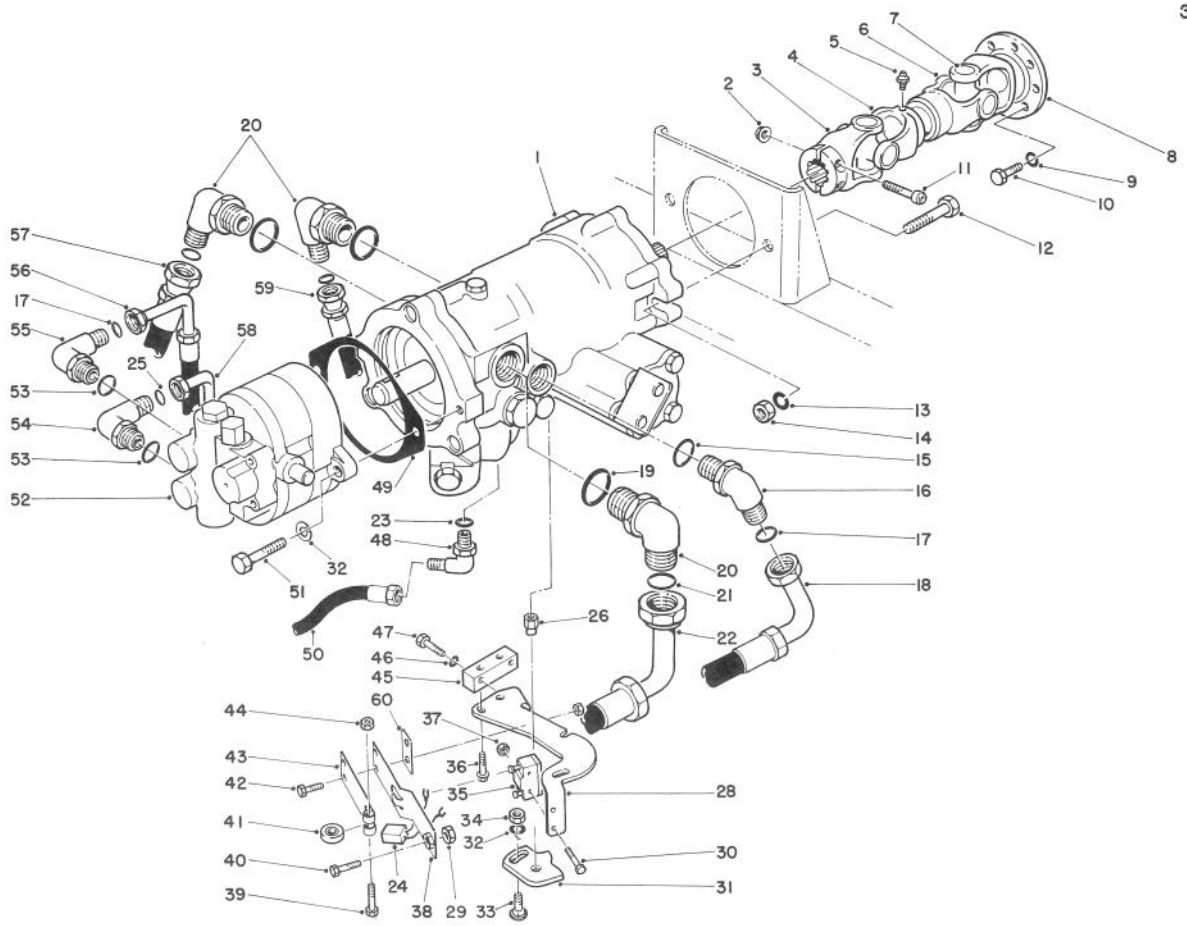
T–1277

WHEEL BRAKE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	2410–71	Plug	2
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	82–7790	Housing – Actuator, R.H.	1
*	82–7780	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

Ref. No.	Part No.	Description	No. Used
19	3253–21	Washer – Lock	8
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	71–3920	Gasket	2
34	71–3910	Collar	2
35	3296–59	Nut – Lock	2
36	71–4110	Cap – Actuator	2
37	321–6	Screw – Cap Hex. Hd.	8

*Not Illustrated

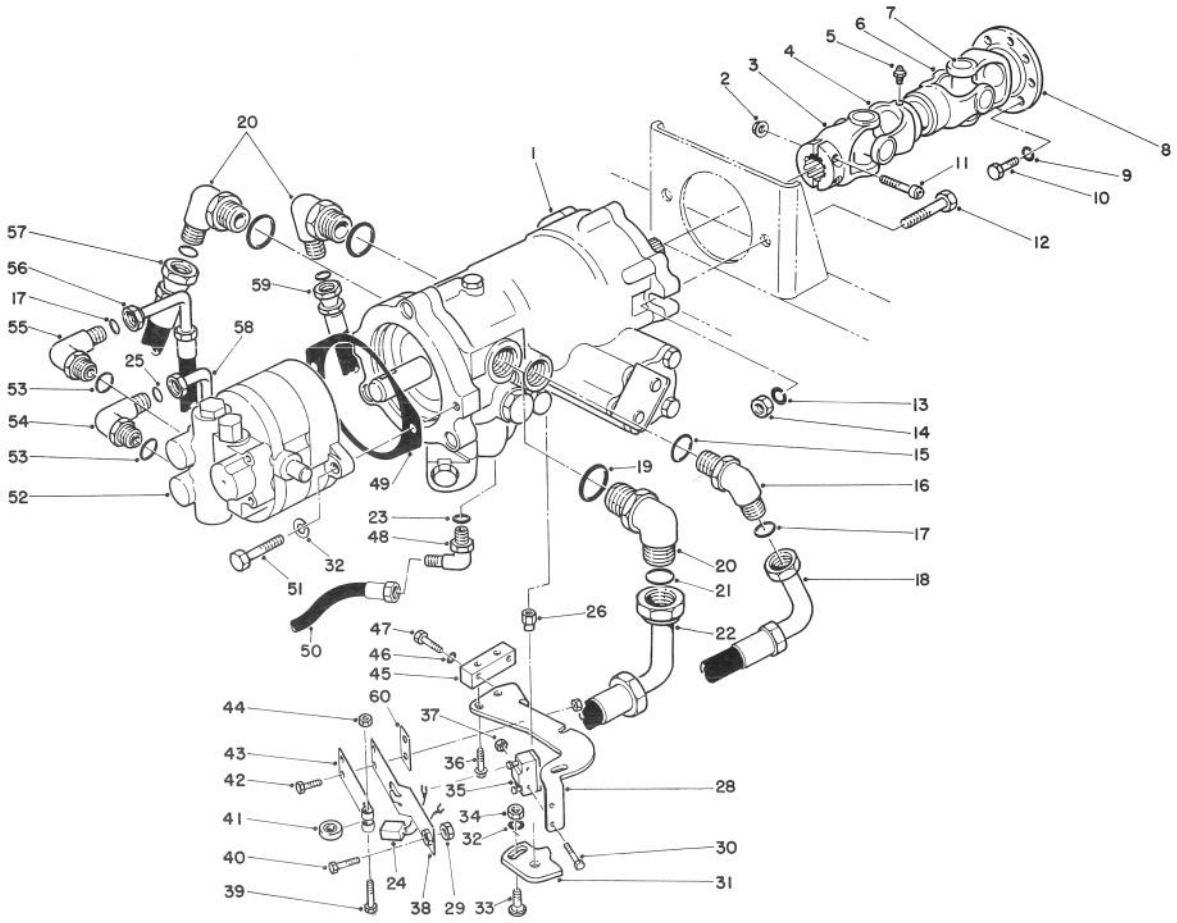


T–0350–90

VARIABLE DISPLACEMENT PUMP INSTALLATION

Ref. No.	Part No.	Description	No. Used
1	69–3040	Variable Displacement Pump	1
2	32128–21	Nut – Flange Lock	2
3	71–0520	Yoke – Pump End	1
4	71–0530	Tube – Slip Yoke	1
5	302–2	Fitting – Grease	1
6	71–0510	Shaft – Slip Yoke	1
7	2115–95	Kit – Universal Joint	2
8	71–0500	Yoke – Engine End	1
9	48–9570	Washer – Lock	8
10	48–7710	Screw – Cap Hex. Hd.	8
11	3274–50	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
24	72–3790	Wire – Neutral Switch	1
26	69–9020	Nut – Special	1

Ref. No.	Part No.	Description	No. Used
27	32152–4	Nut – Lock	2
28	69–9480	Bracket – Neutral Device	1
29	3219–2	Nut – Hex.	1
30	3249–11	Screw – Cap 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	29–6163	Switch – Neutral	1
36	3234–13	Screw – Hex. Flange Hd.	4
37	3296–9	Nut – Lock	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	69–5663	Hose – Hydraulic	1
51	323–7	Screw – Cap Hex. Hd	2
52	69–2220	Pump/Valve	1

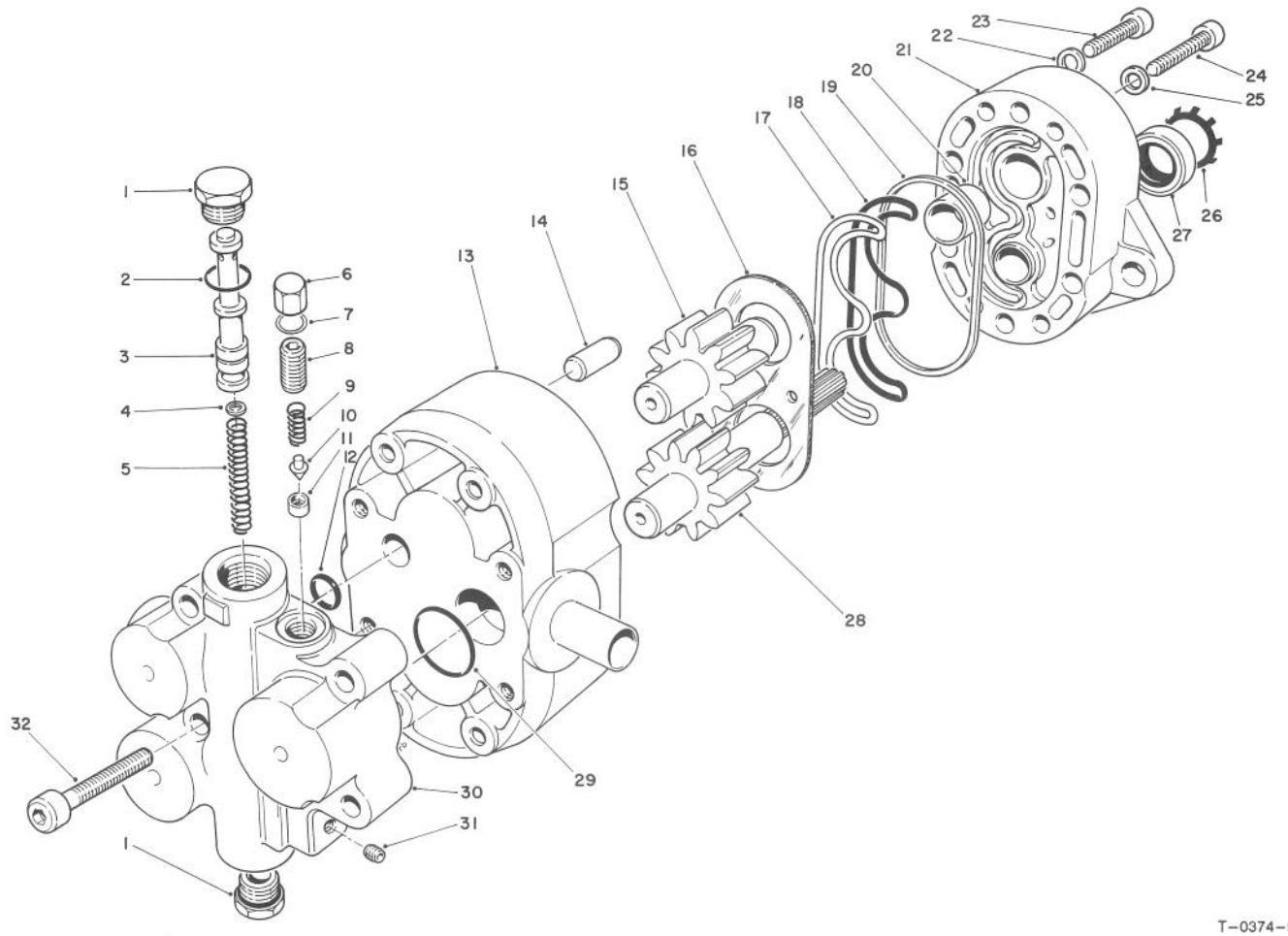


T–0350–90

VARIABLE DISPLACEMENT PUMP INSTALLATION (Cont.)

Ref. No.	Part No.	Description	No. Used
53	327–80	Seal – O–Ring	2
54	340–130	Fitting – Hydraulic Elbow (Incl. Ref. #25 & 53)	1
55	340–105	Fitting – Hydraulic Elbow (Incl. Ref. #17 & 53)	1
56	69–5450	Hose – Hydraulic	1
57	69–5470	Hose – Hydraulic	1
58	69–5440	Hose – Hydraulic	1
59	69–5480	Hose – Hydraulic	1
60	51–3150	Shim – Spring	A/R
*	71–0490	Pump Drive Shaft Assembly (Incl. Ref. #3–8)	1

*Not Illustrated



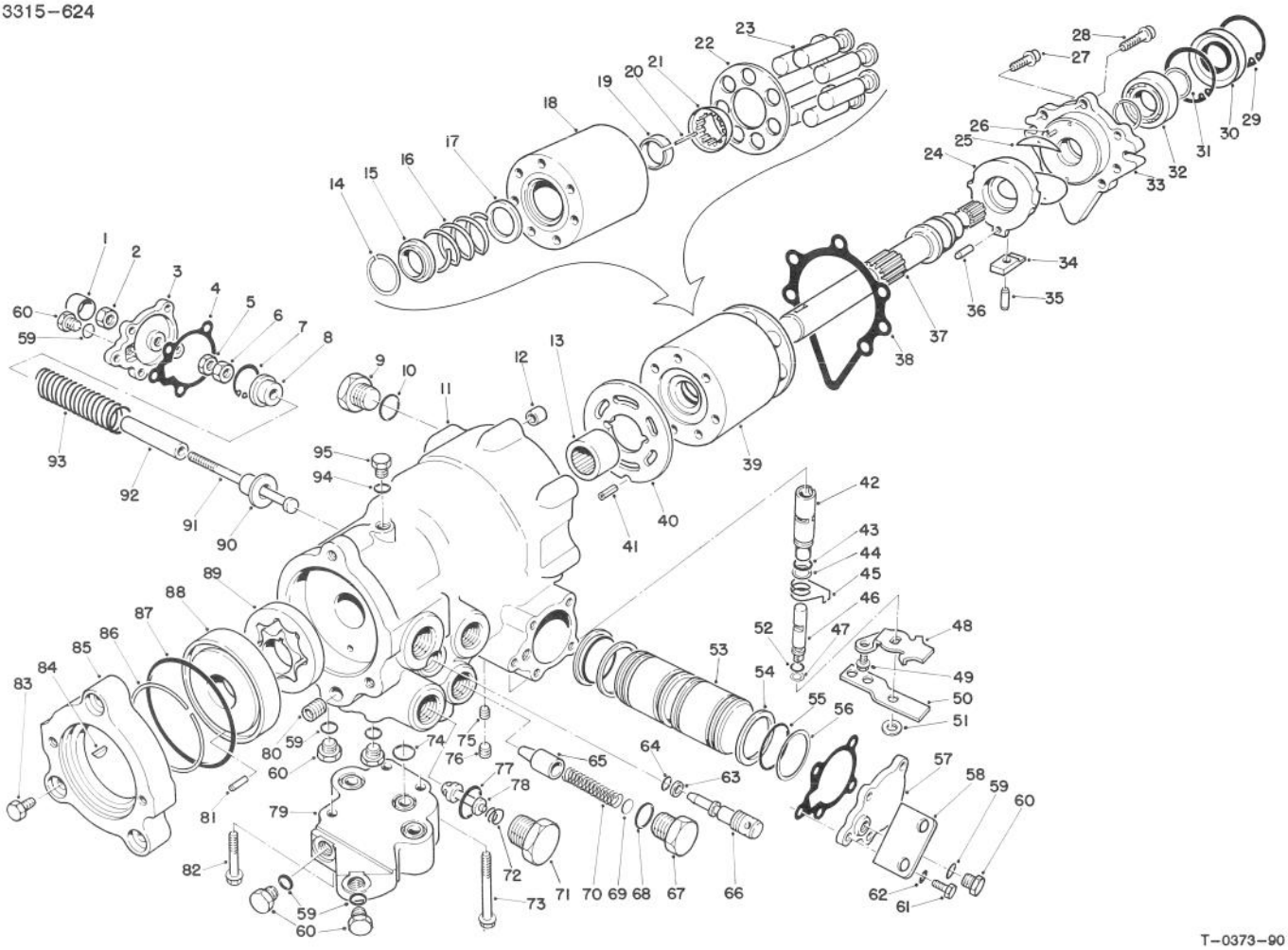
T–0374–90

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



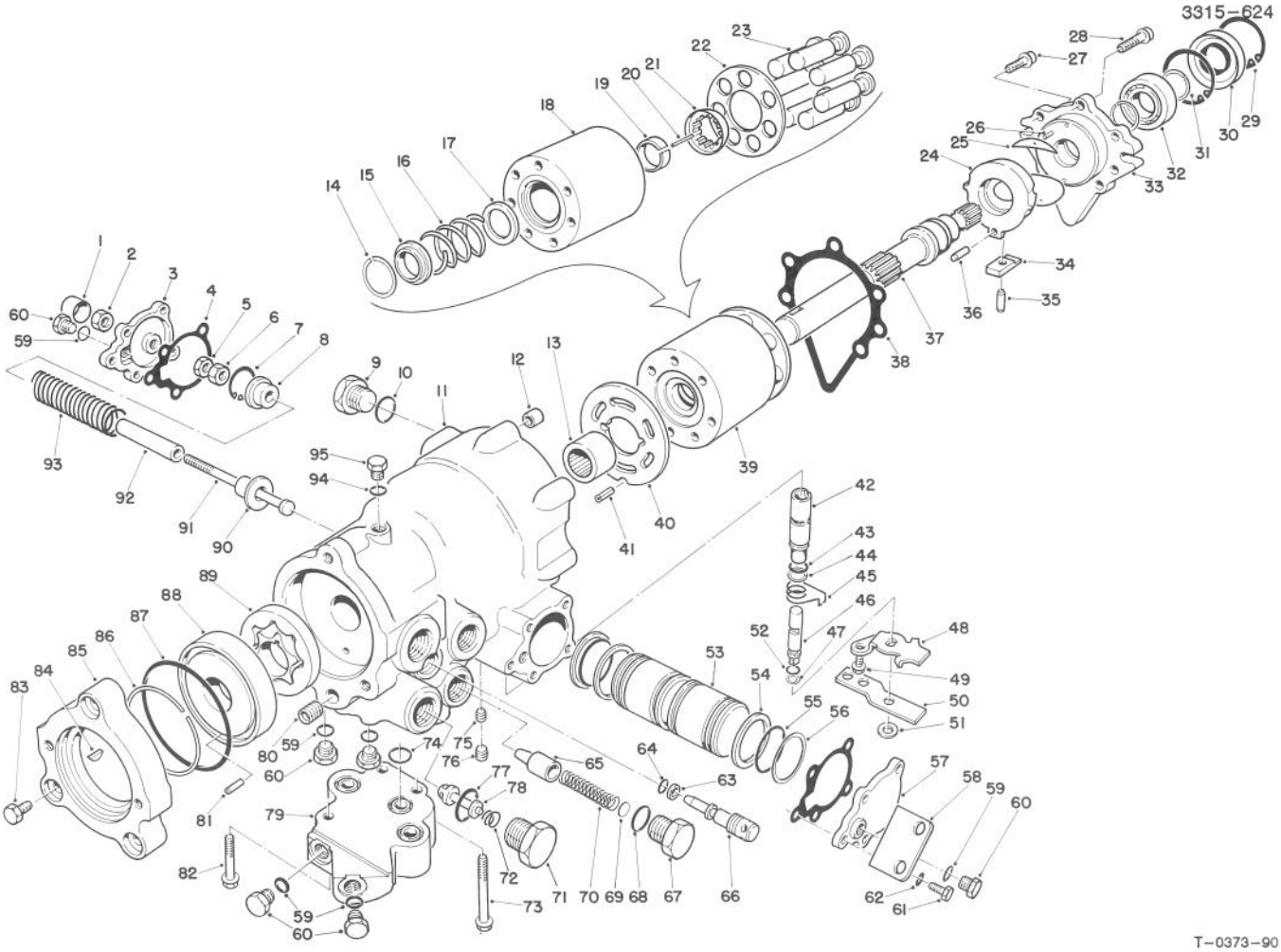
T–0373–90

VARIABLE DISPLACEMENT PUMP NO. 69–3040

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	69–3360	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.

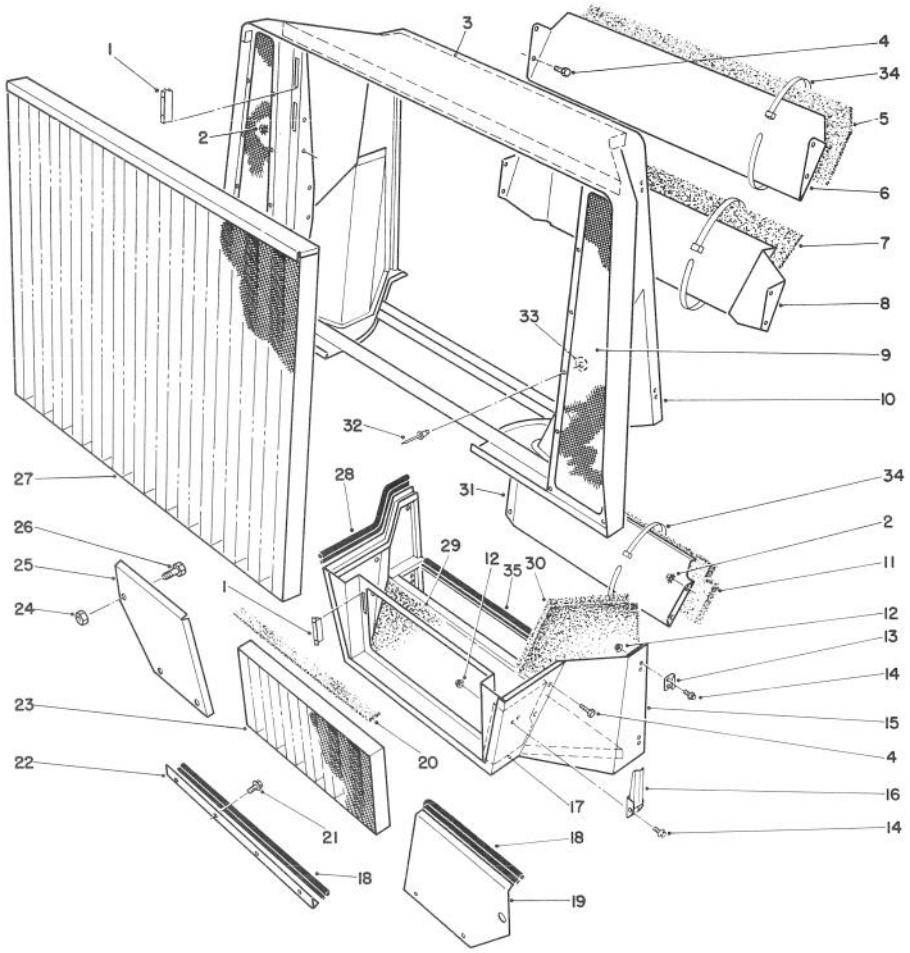


VARIABLE DISPLACEMENT PUMP NO. 69-3040 (Cont.)

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	69-3530	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 Servo	1
†94		Seal O-Ring	1
95	69-3120	Plug (Incl, Ref. #94)	1

†Not serviceable separately.



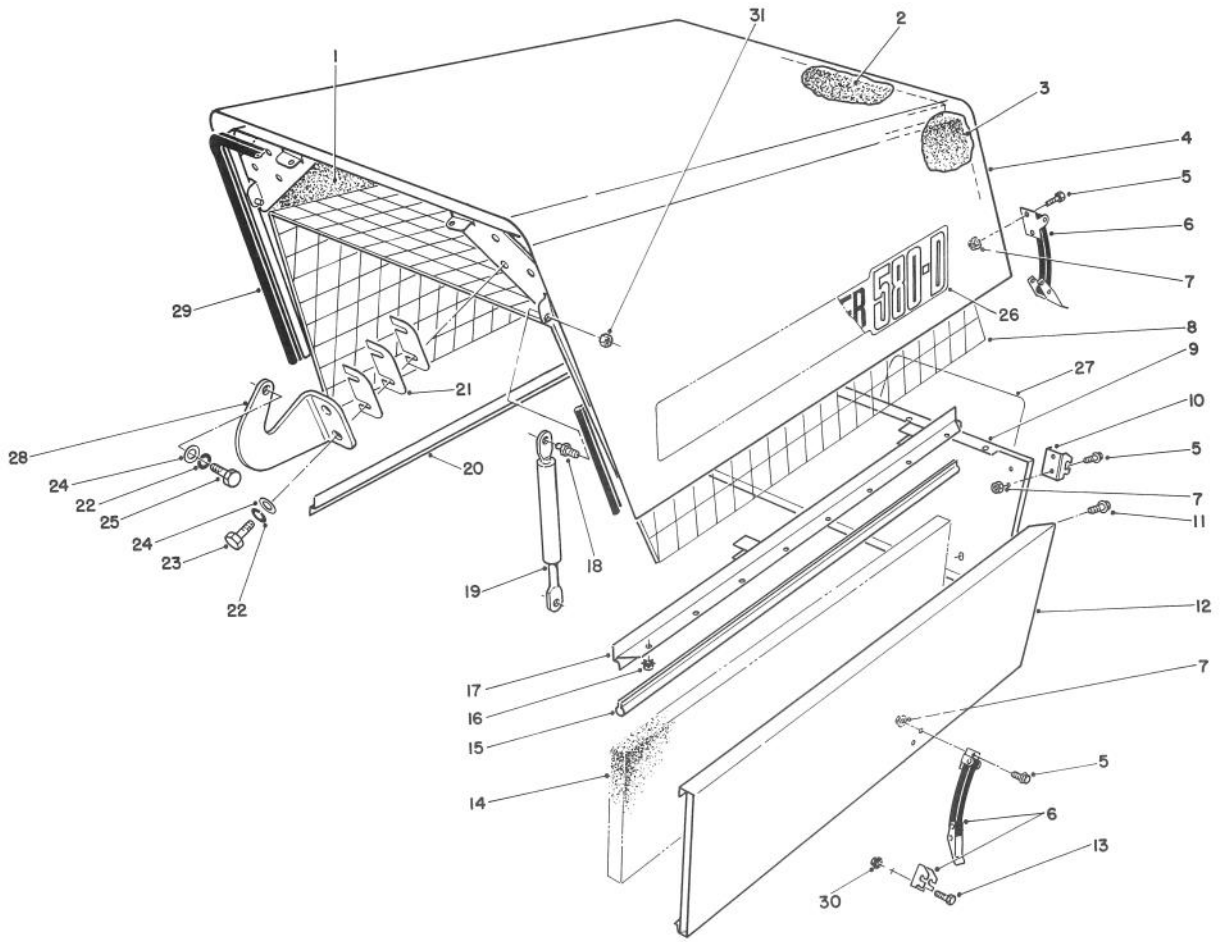
T–0368–90

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
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
18	69–9721	Strip – Sealing	3

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

*Not Illustrated



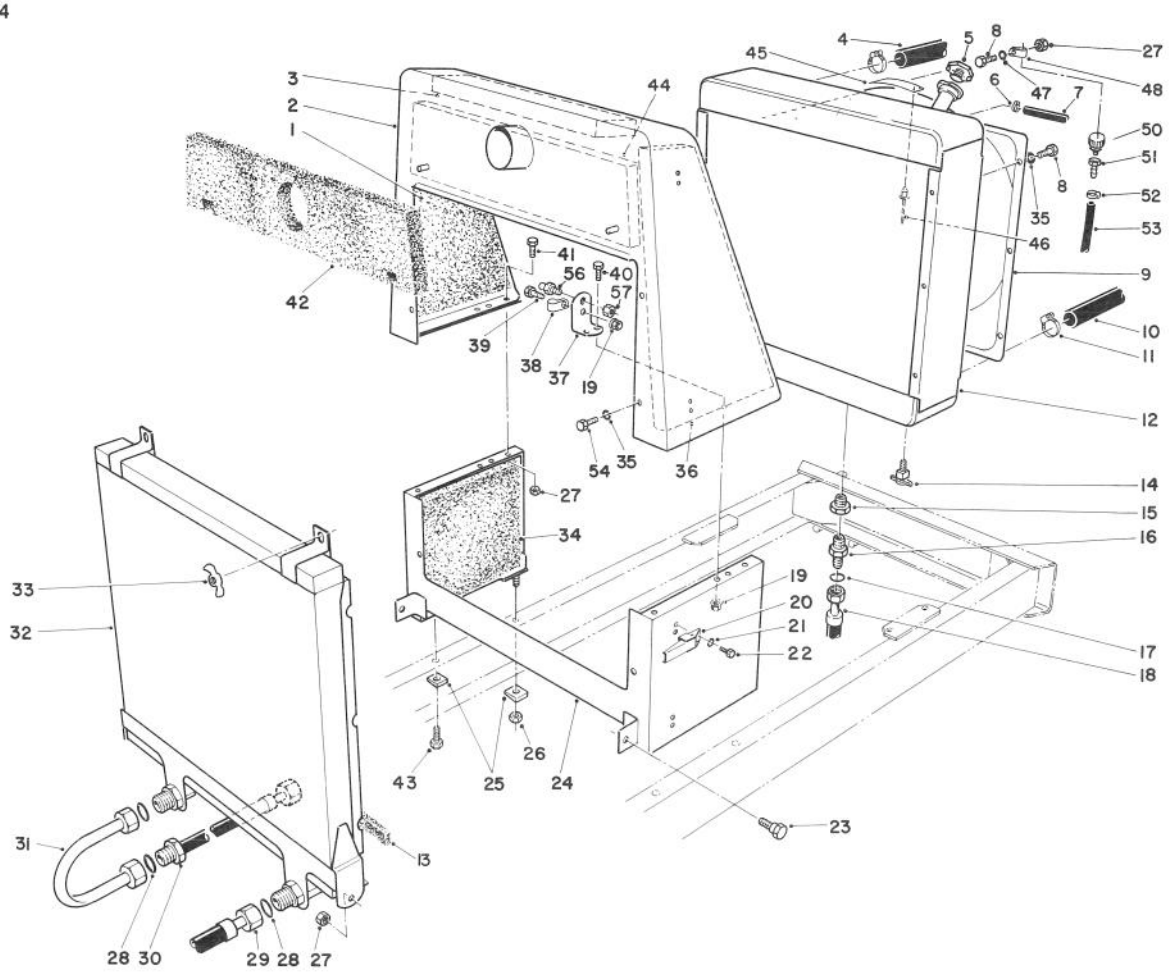
T–0360–90

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

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

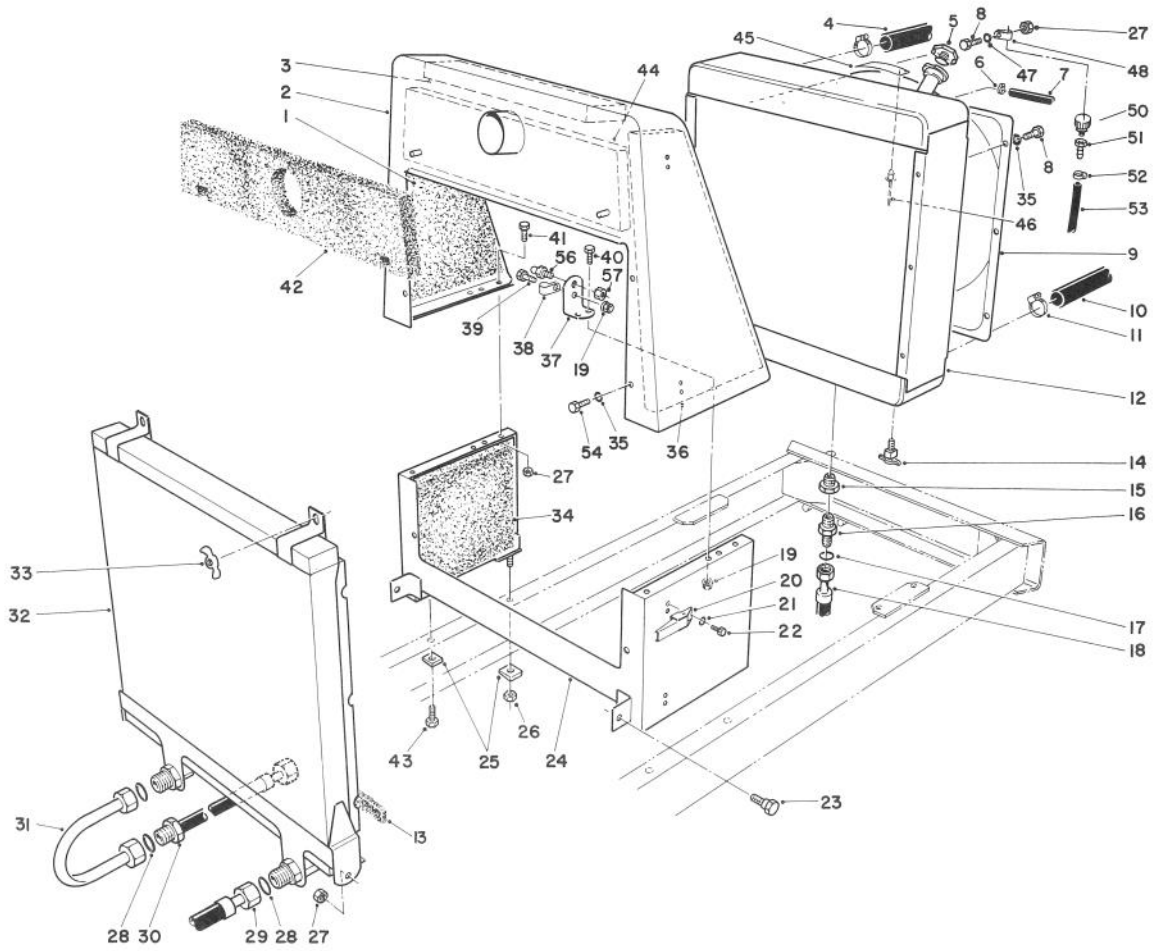


T–0359A

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

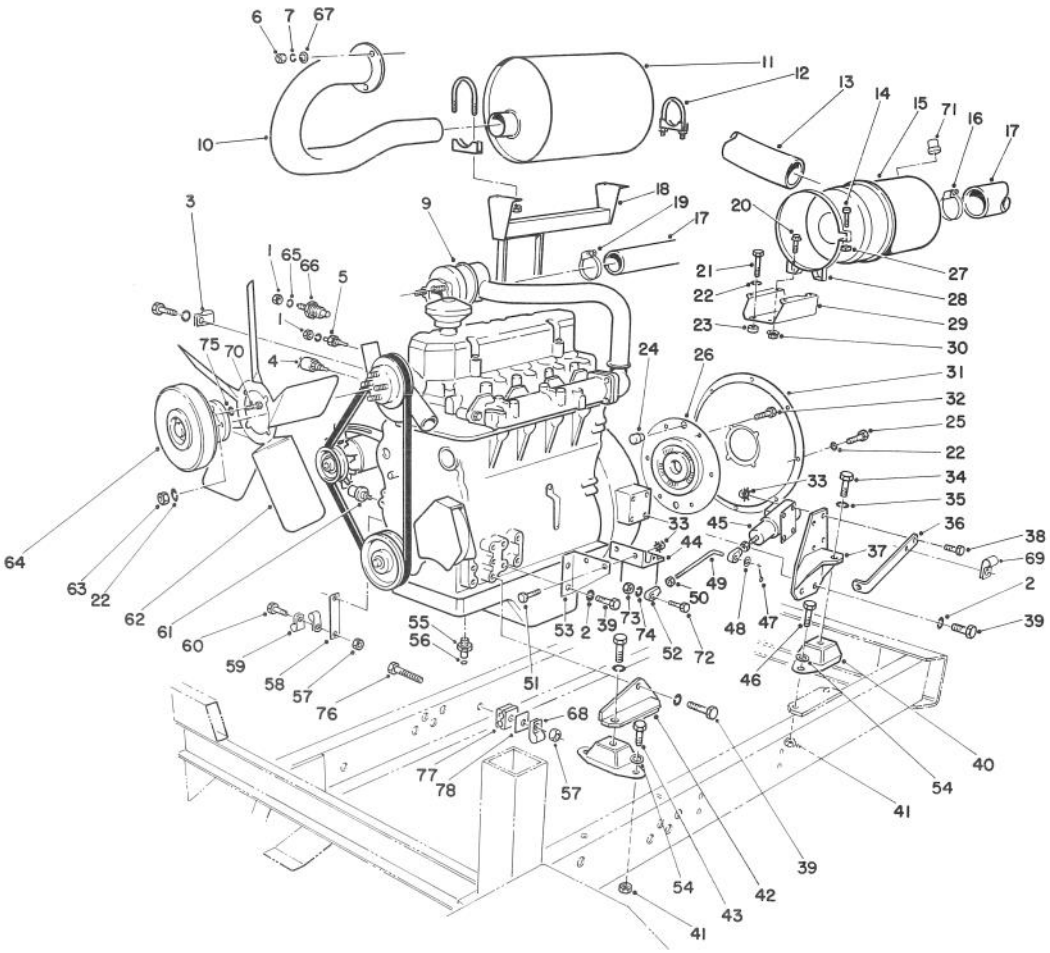


T-0359A

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



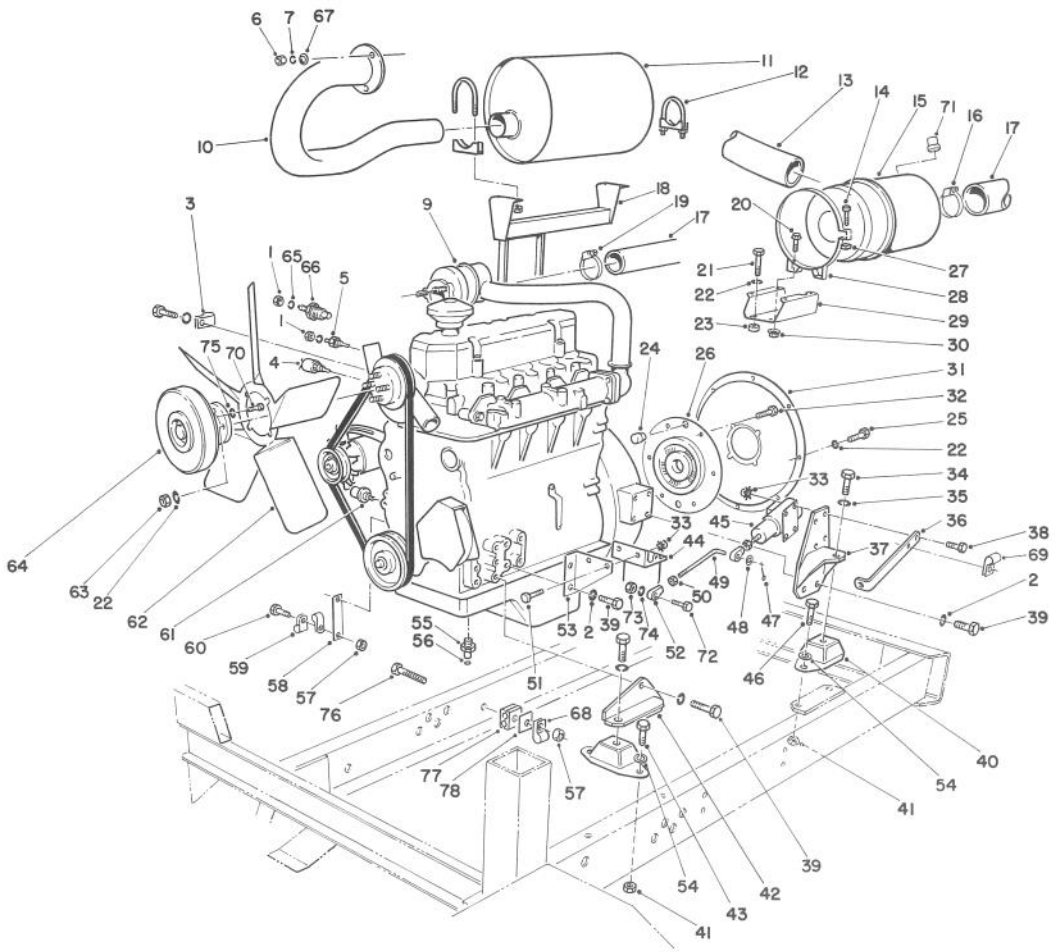
T-0347-90

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	69-7610	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	16
23	17-7190	Spacer	4
24	58-3590	Pin - Flywheel	2
25	48-9470	Screw - Cap Hex. Hd.	8
26	48-6260	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

*Not Illustrated



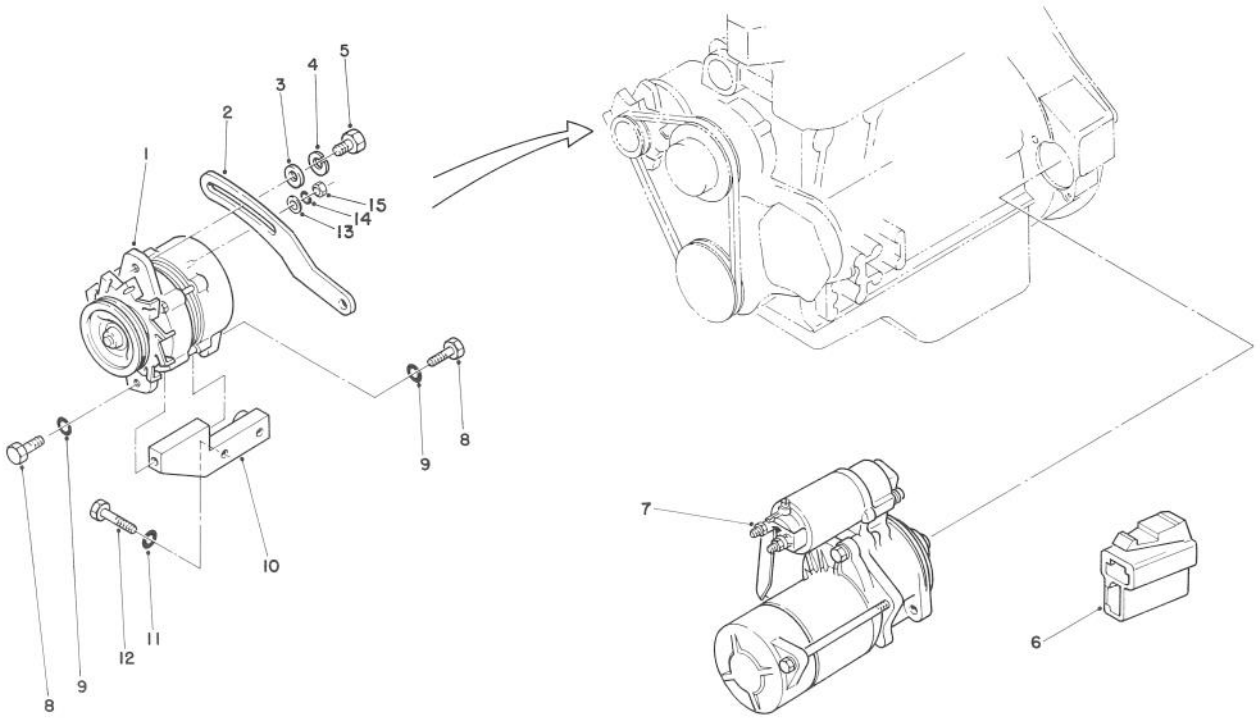
T–0347–90

ENGINE INSTALLATION ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
52	2411–41	End – Rod	2
53	69–9360	Bracket – Fuel Filter	1
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

Ref. No.	Part No.	Description	No. Used
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

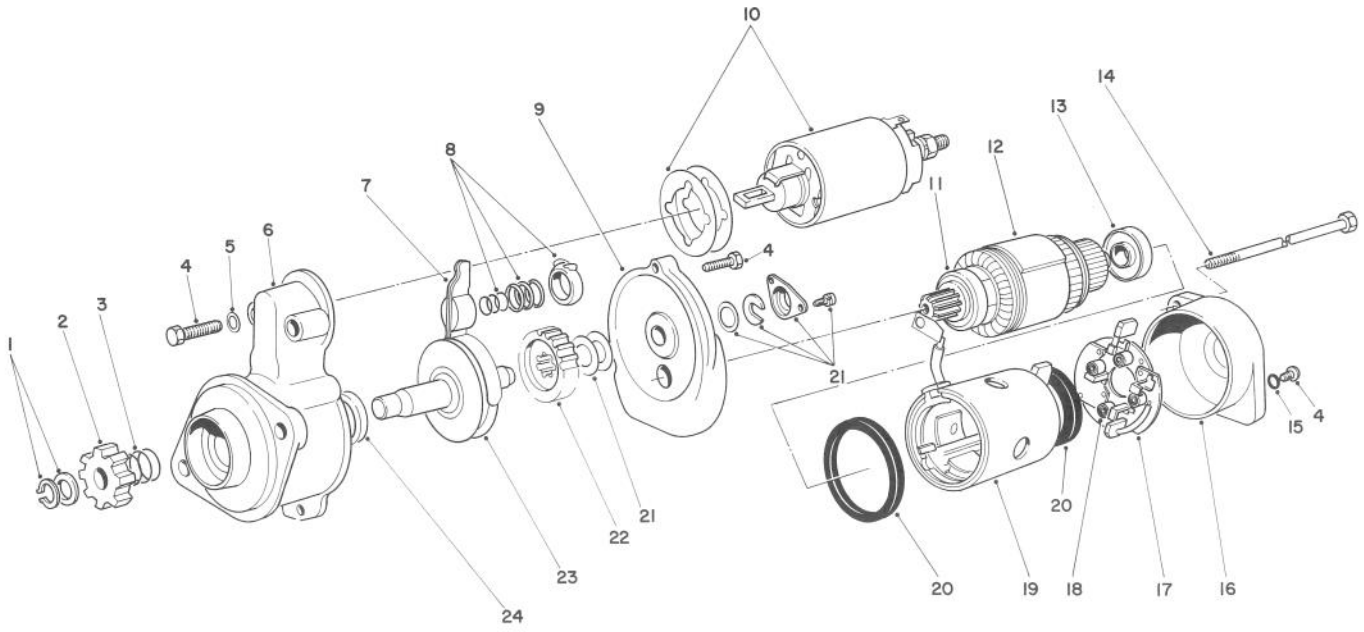


T-0580-90

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



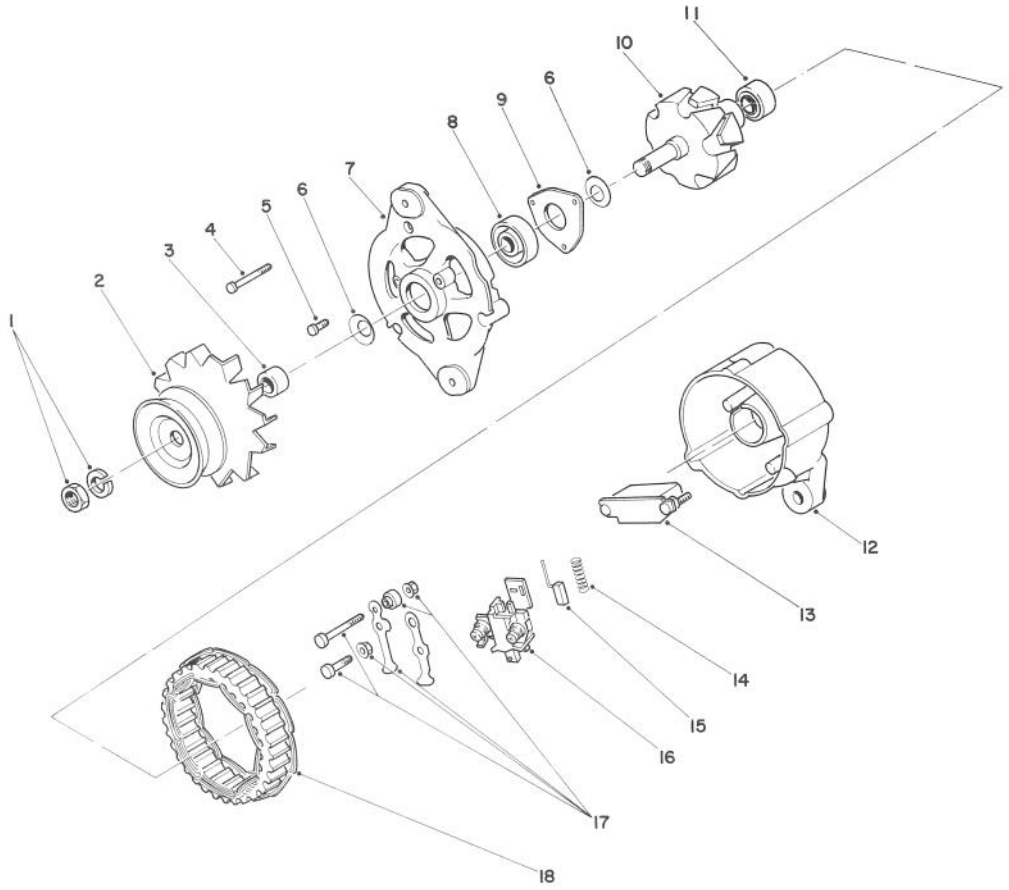
T–0160–90

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



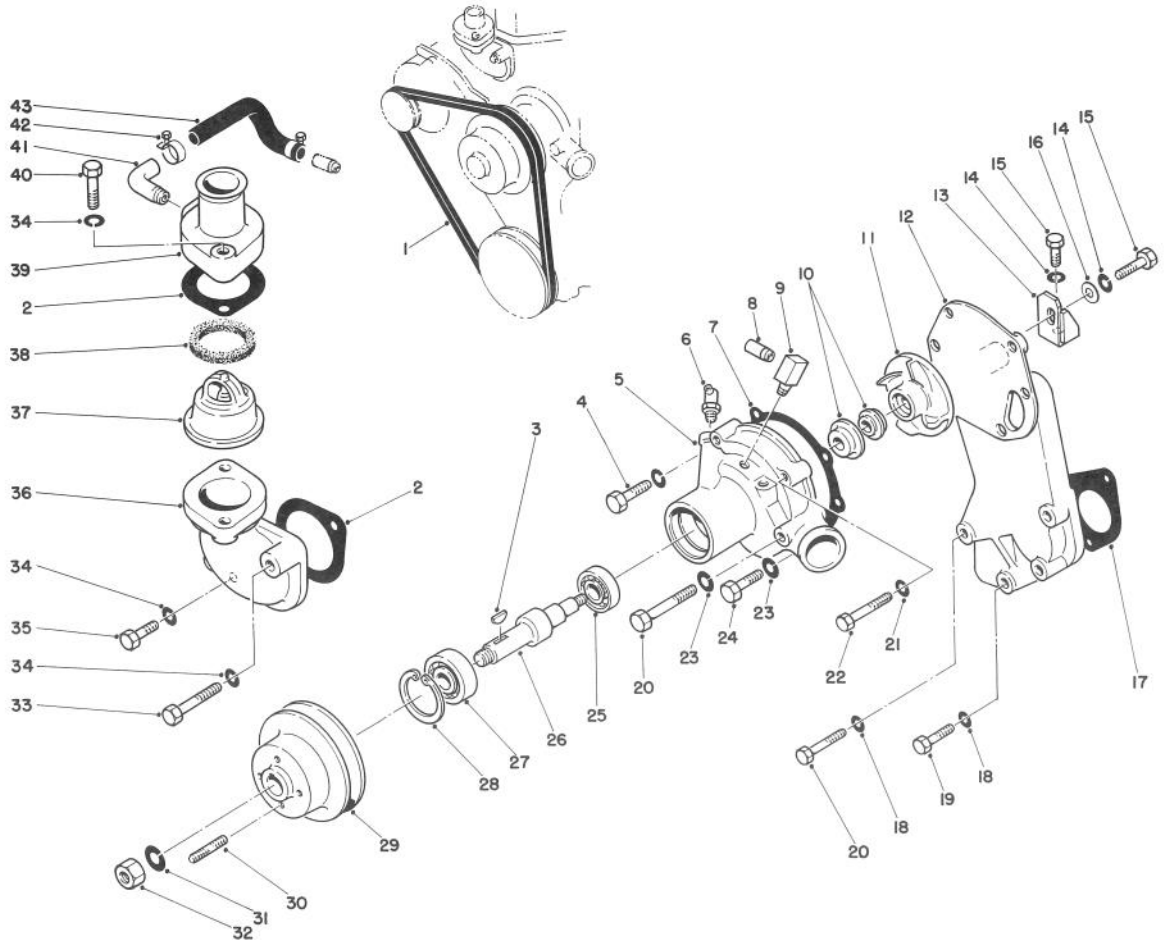
T–0161–90

ALTERNATOR ASSEMBLY NO. 70–5760

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

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

†Not Serviceable Separately



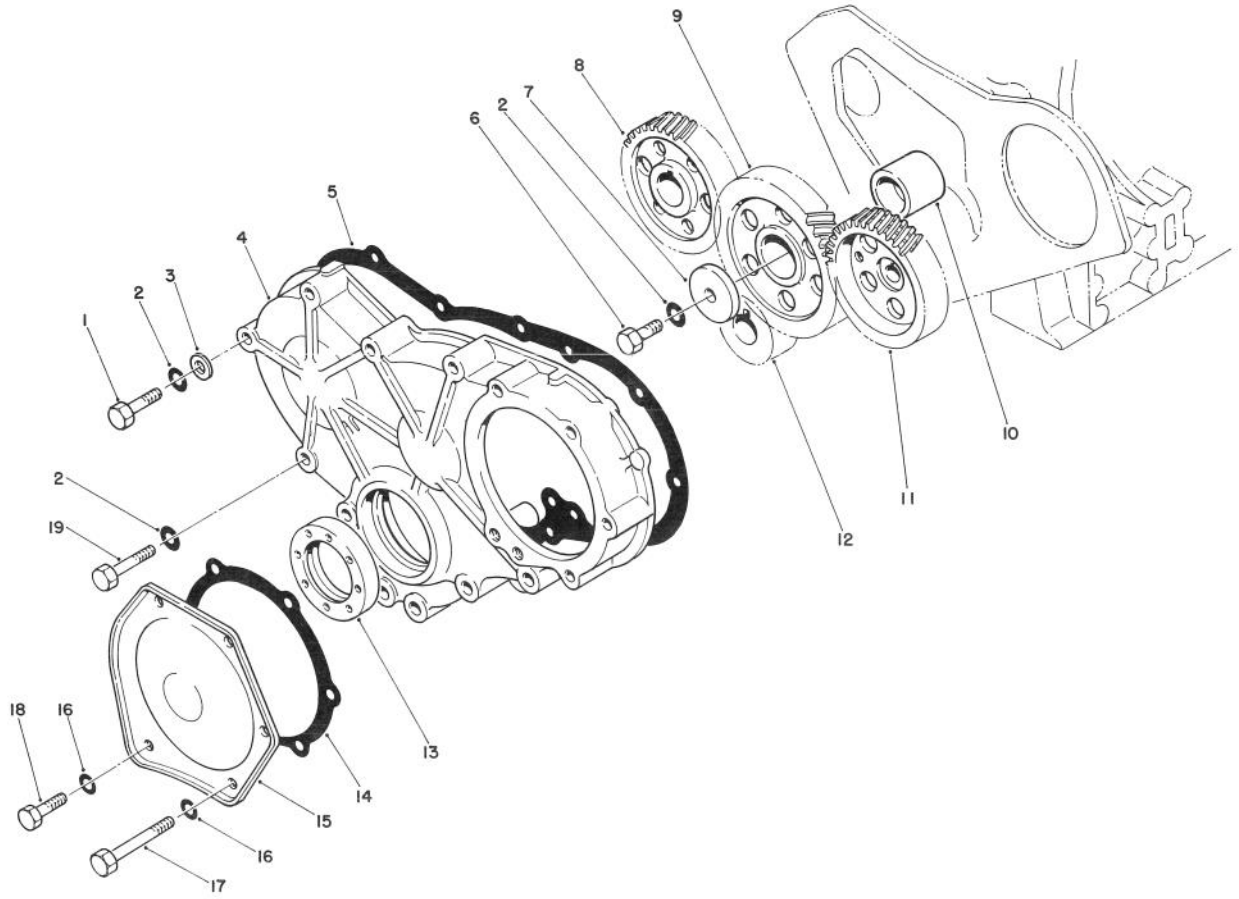
T–0581–90

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



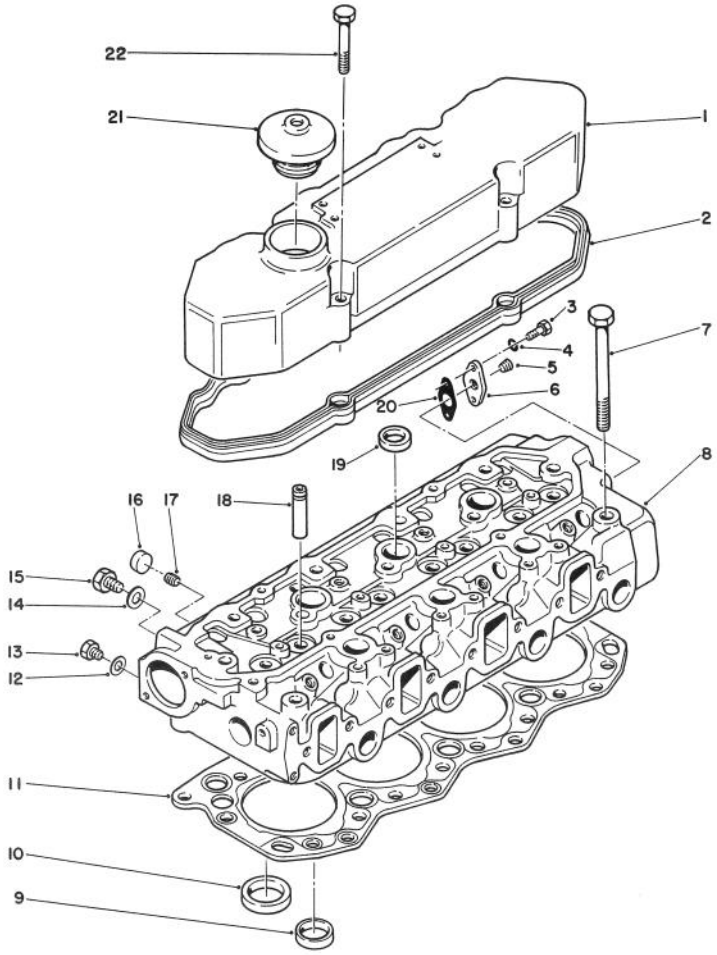
T–0582–90

TIMING GEAR CASE ASSEMBLY

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

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

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



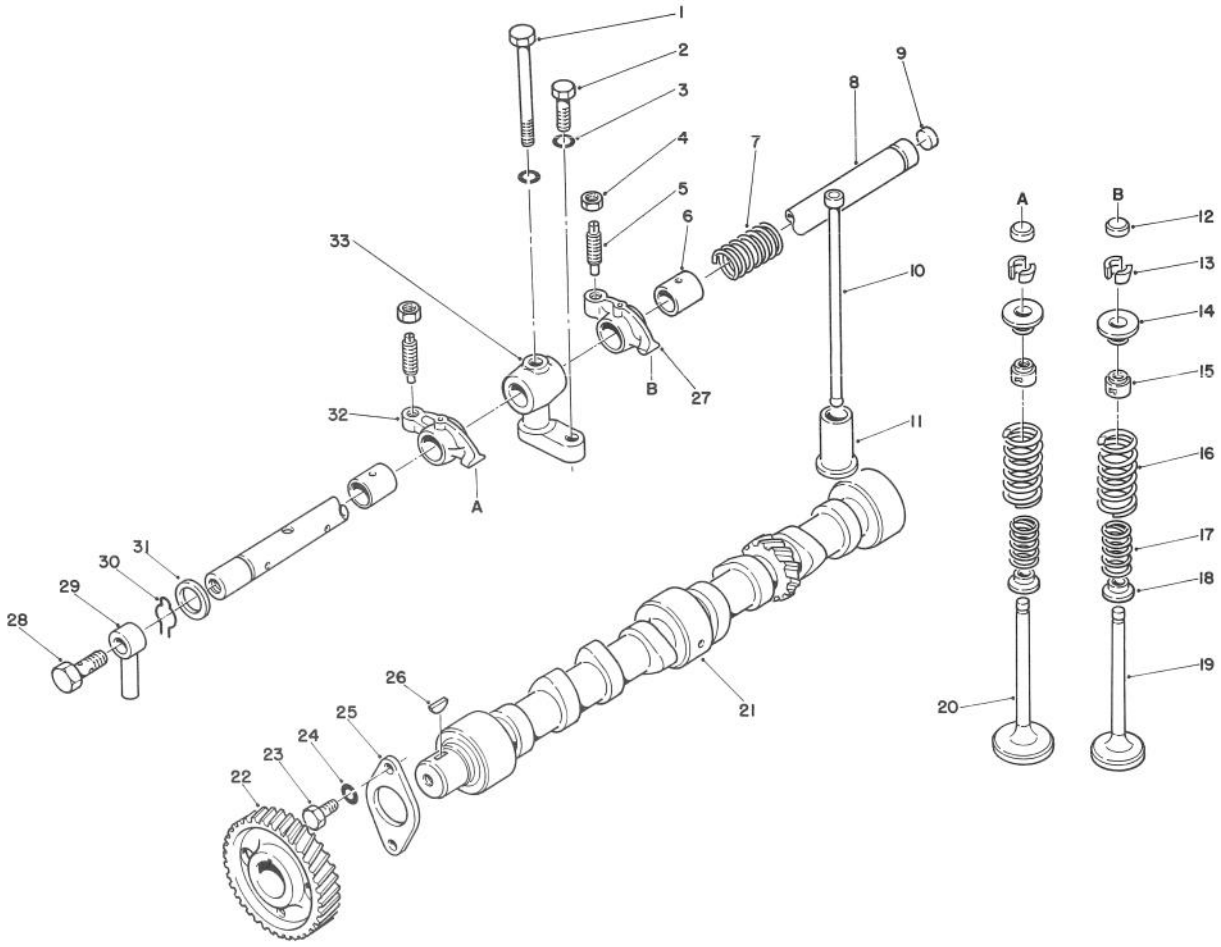
T–0583–90

ROCKER COVER & CYLINDER HEAD ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	70–5220	Cover	1
†2	70–5210	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	51–5350	Cap	1
22	70–2930	Bolt	4

†Included in Gasket Set No. 70–6950



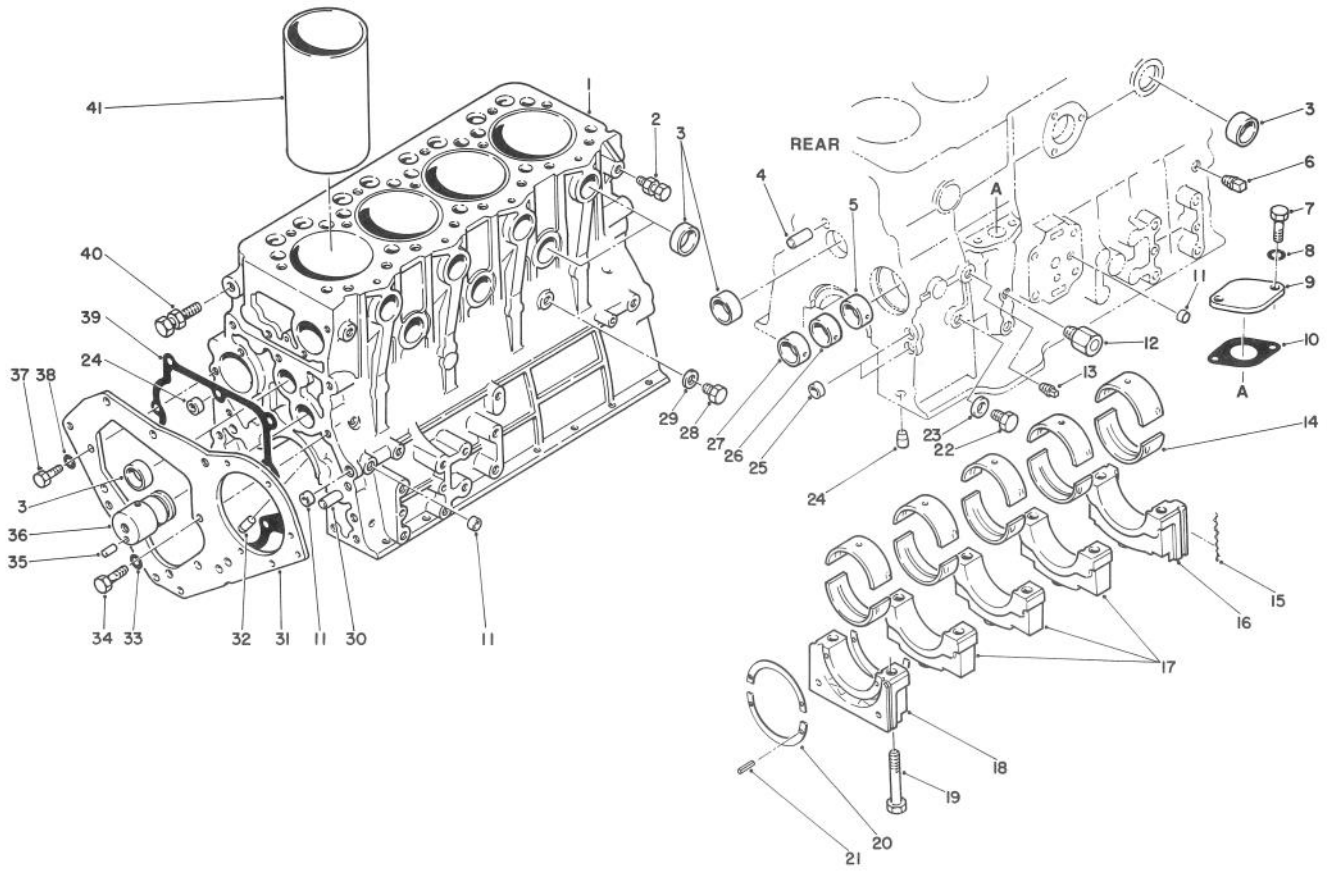
T–0584–90

VALVE & CAMSHAFT ASSEMBLY

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

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

‡Included in Oil Seal Kit No. 70–6960



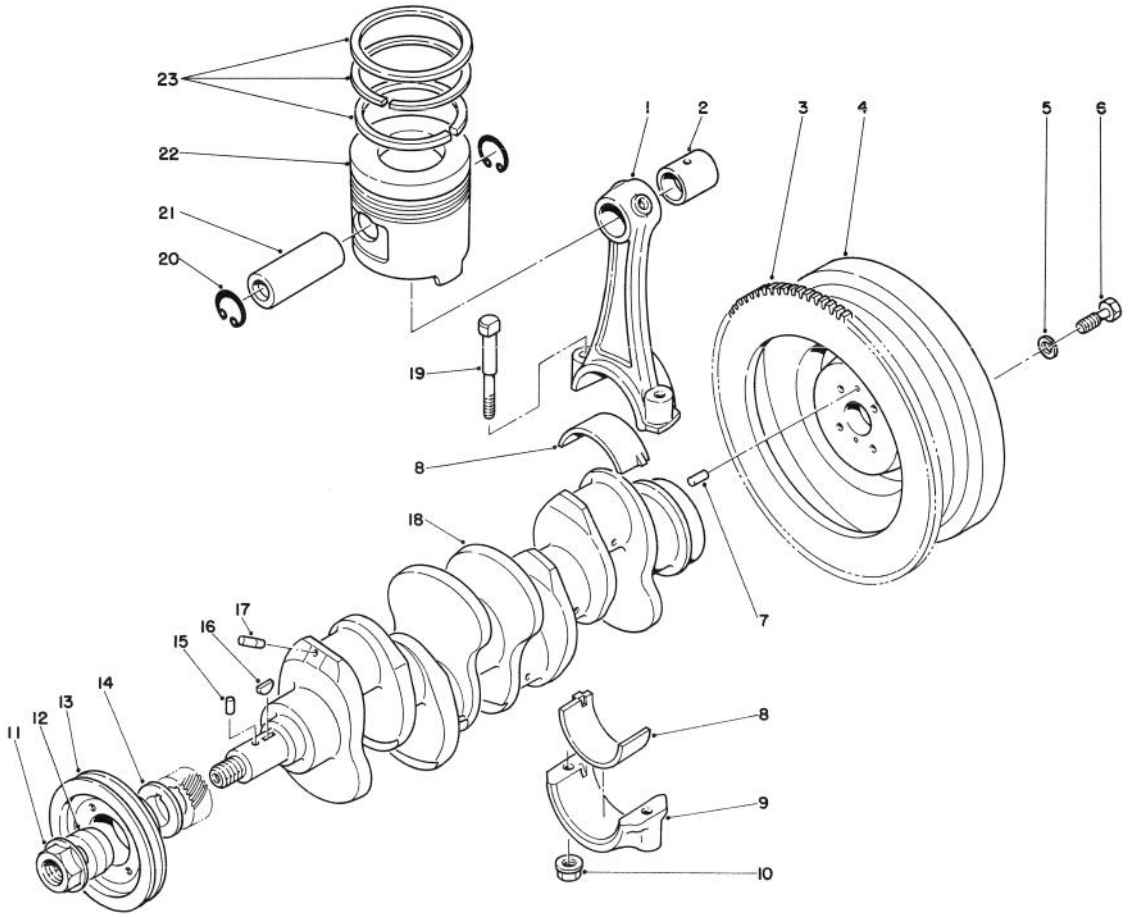
T–0585–90

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
‡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
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

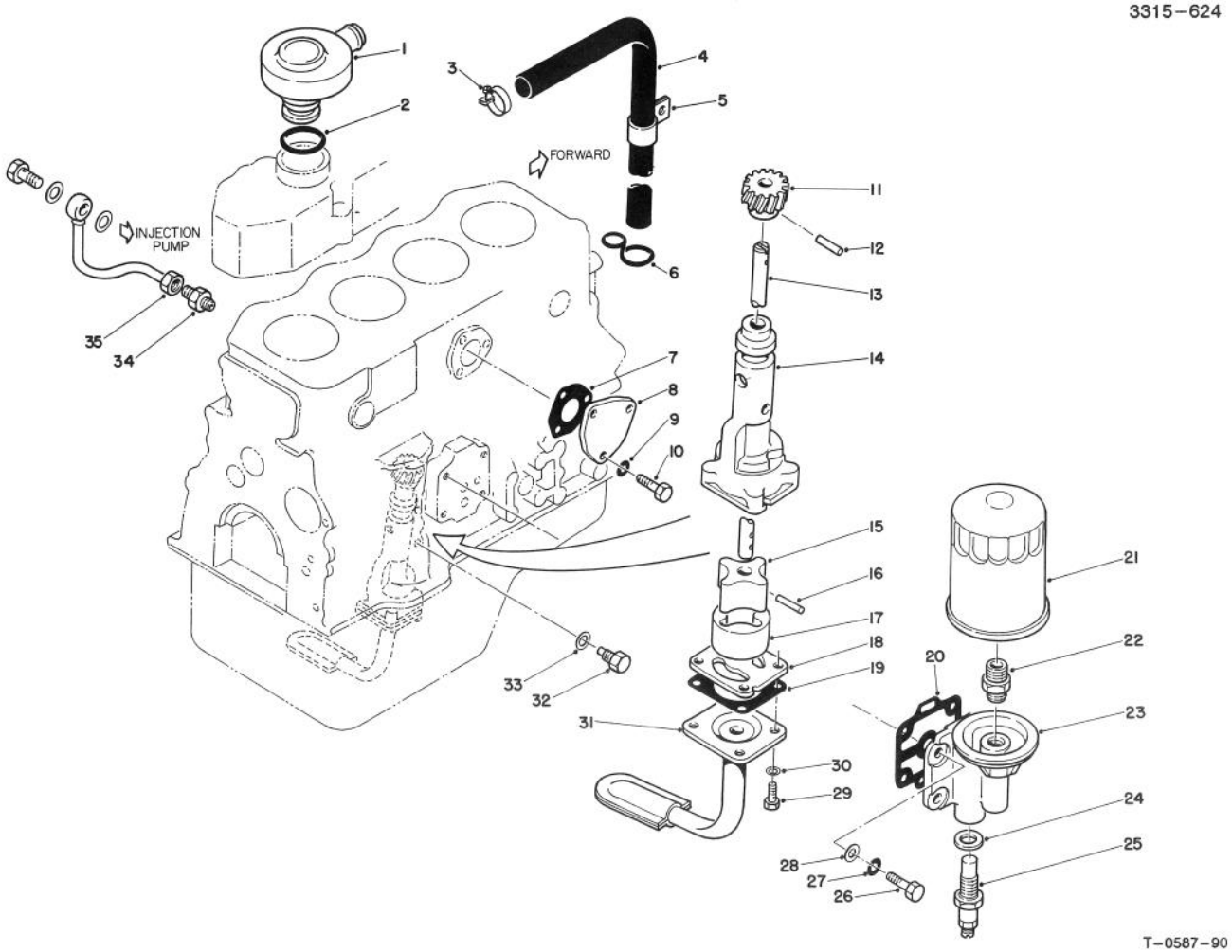
†Included in Gasket Set No. 70–6950
‡Included In Oil Seal Kit No. 70–6960



T–0586–90

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



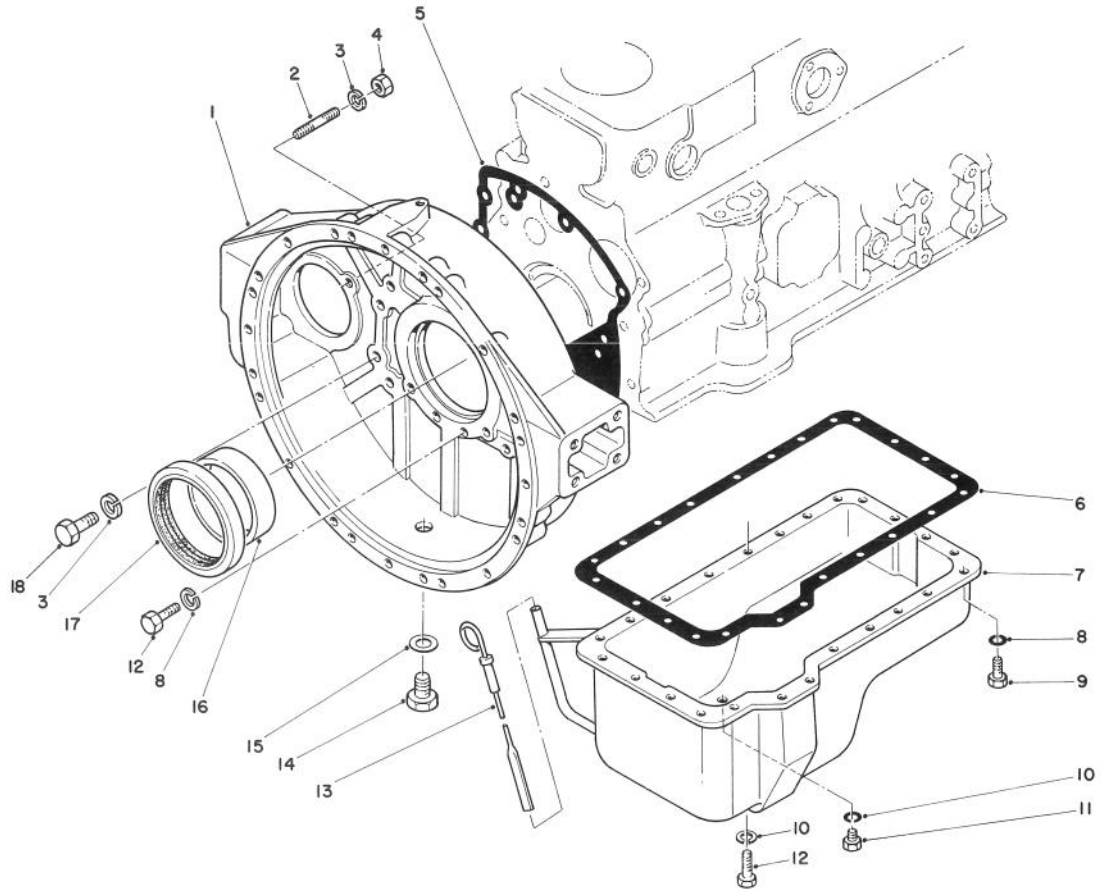
T-0587-90

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



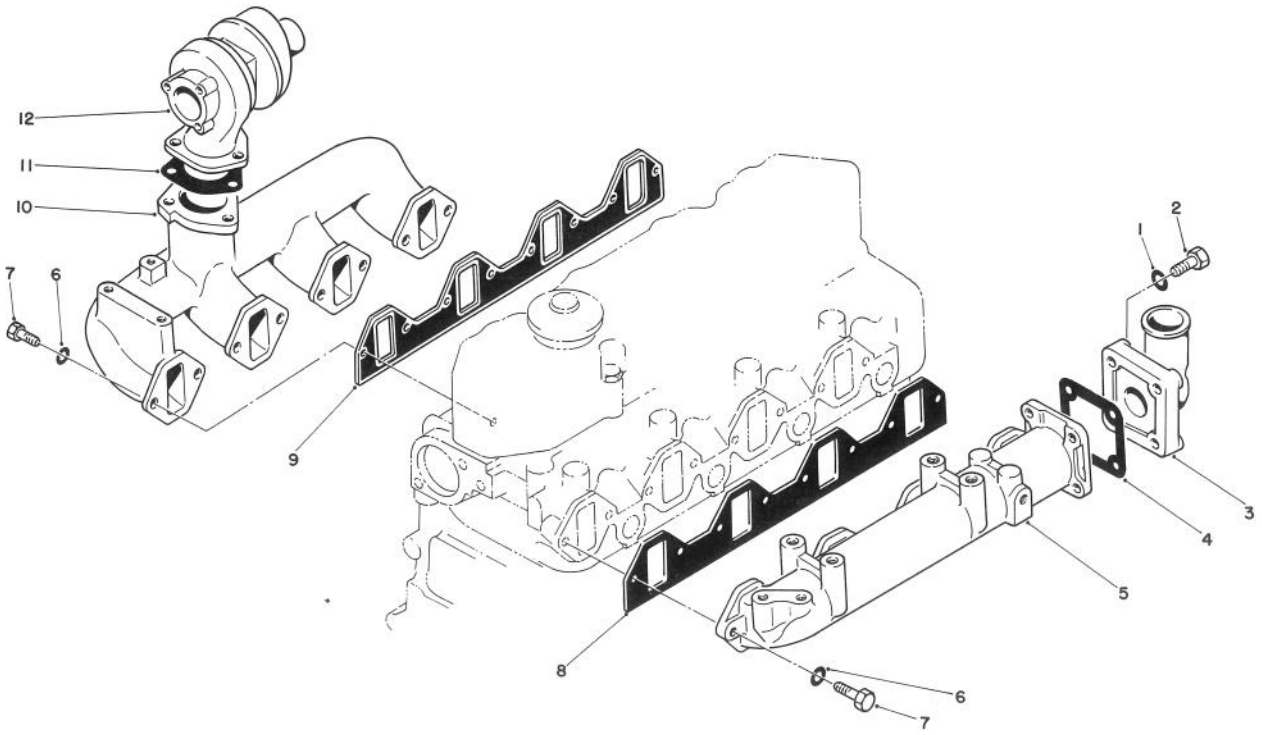
T–0588–90

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



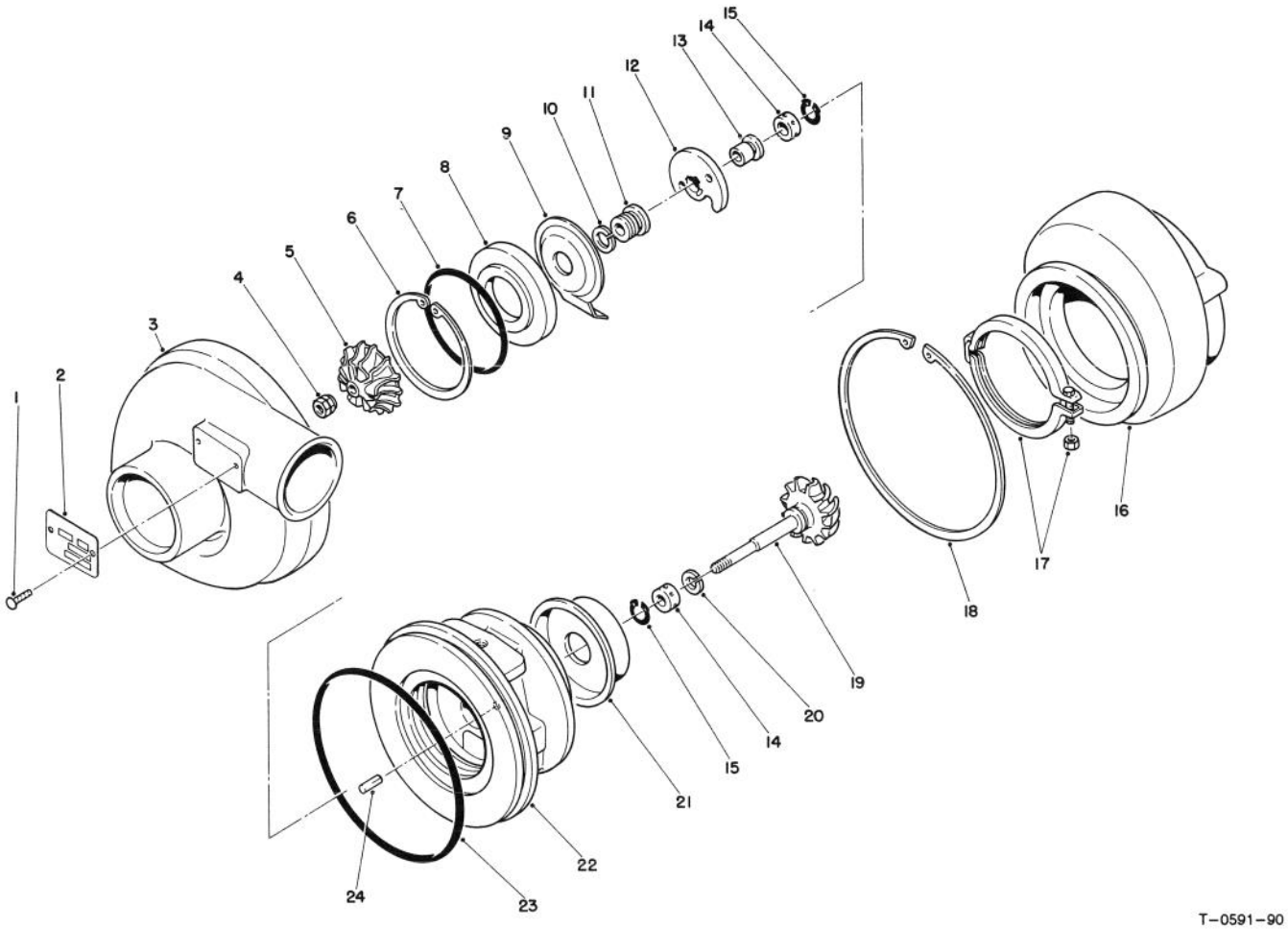
T-0590-90

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

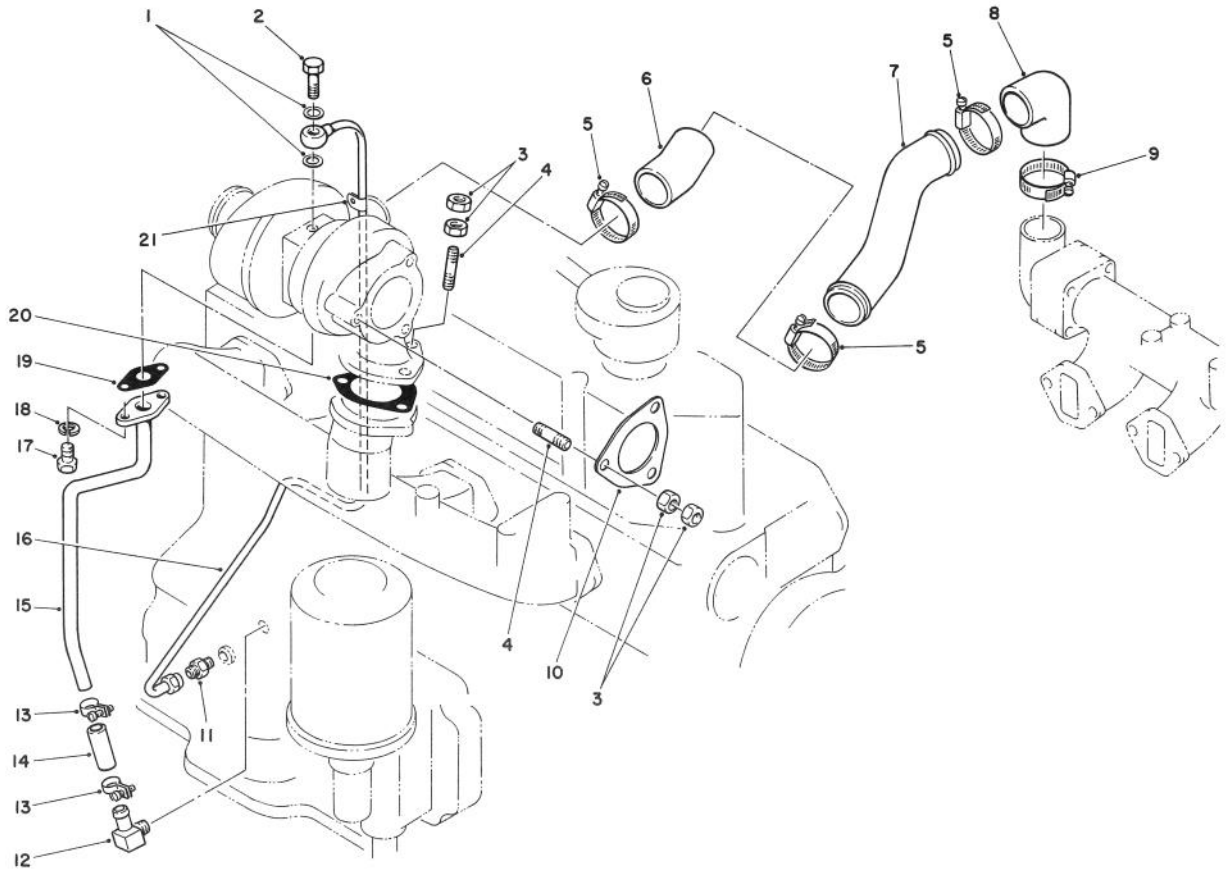


T–0591–90

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



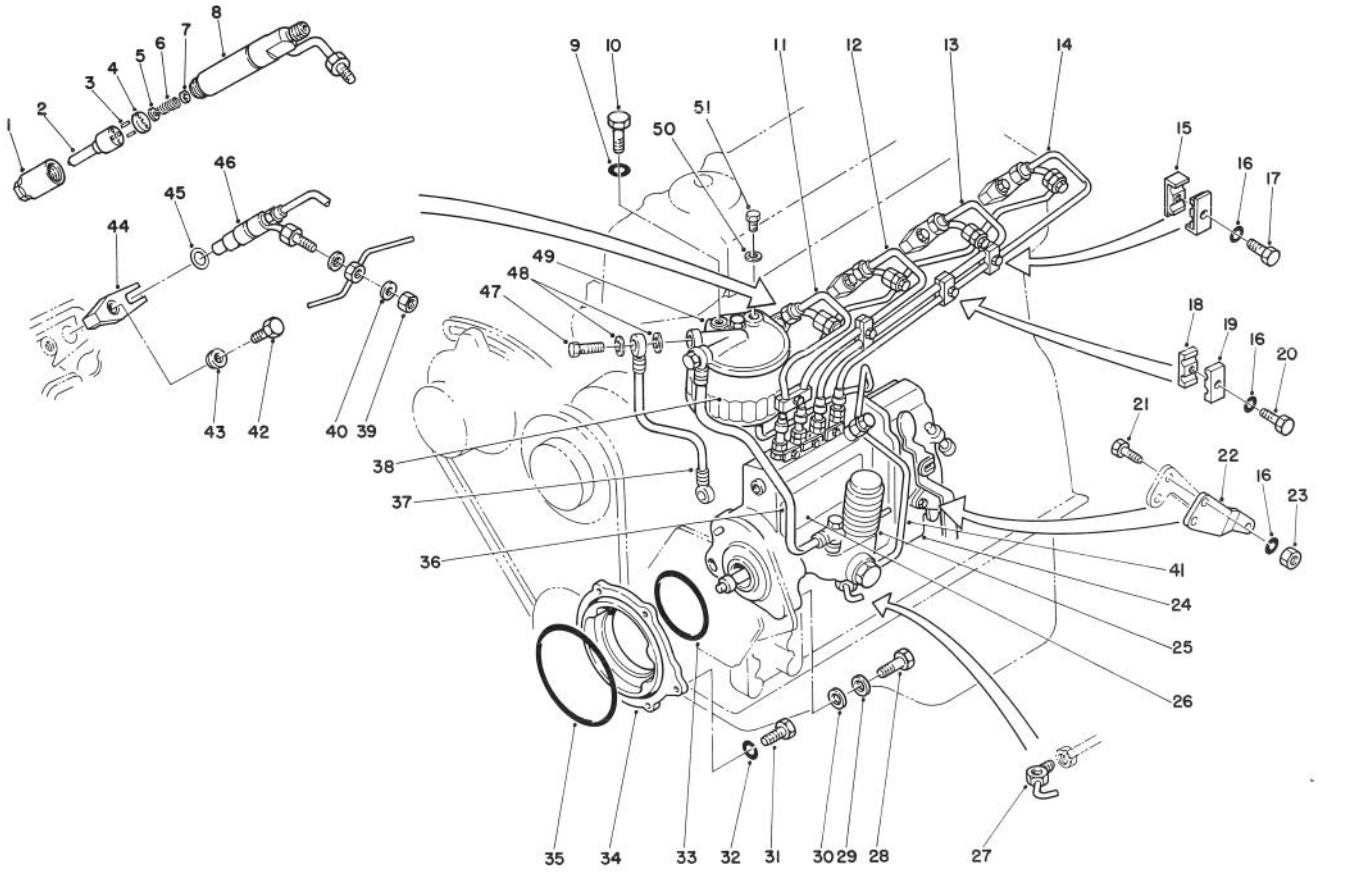
T–0592–90

TURBOCHARGER OIL PIPE ASSEMBLY

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

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

†Included in Gasket Set No. 70–6950



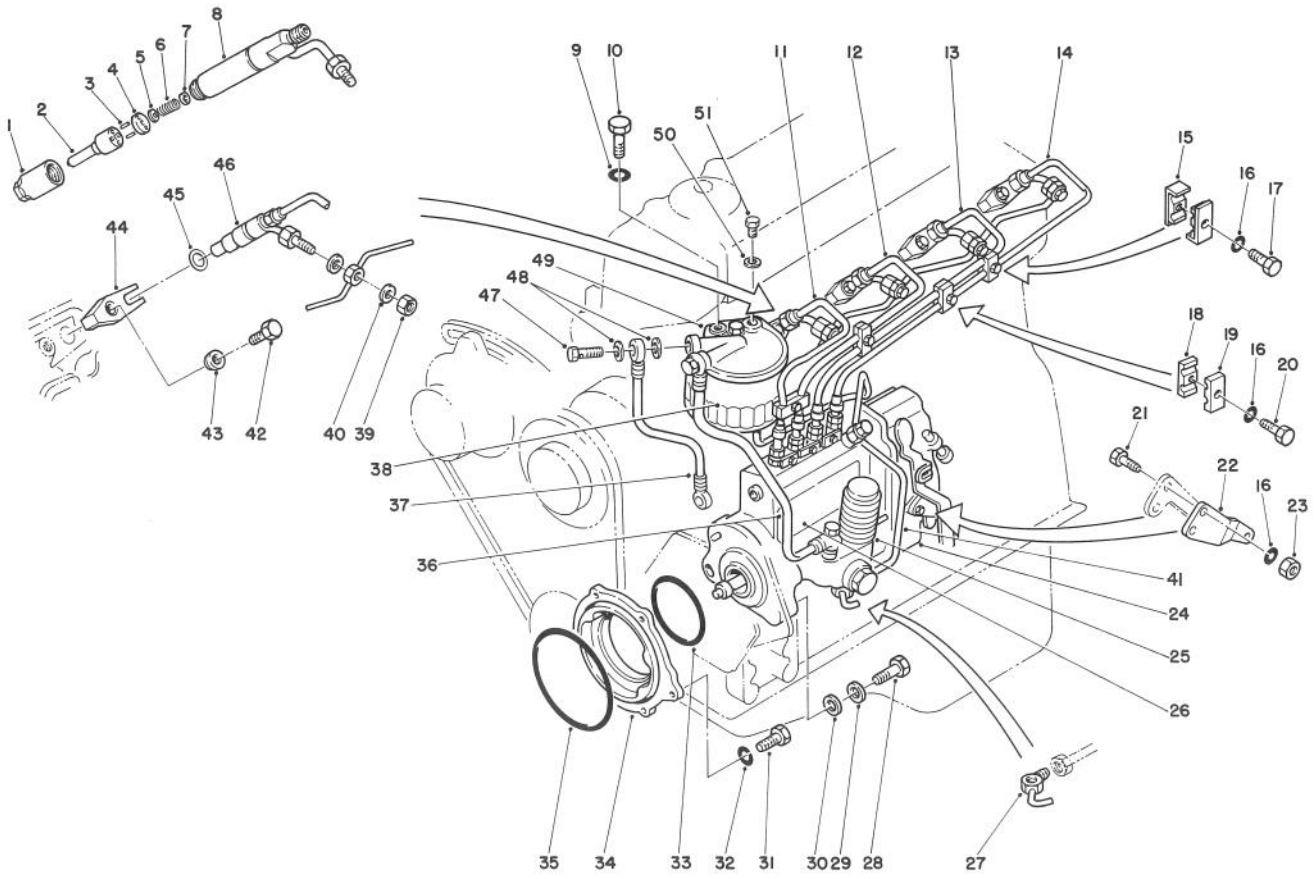
T–0593–90

FUEL SYSTEM ASSEMBLY

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

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

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



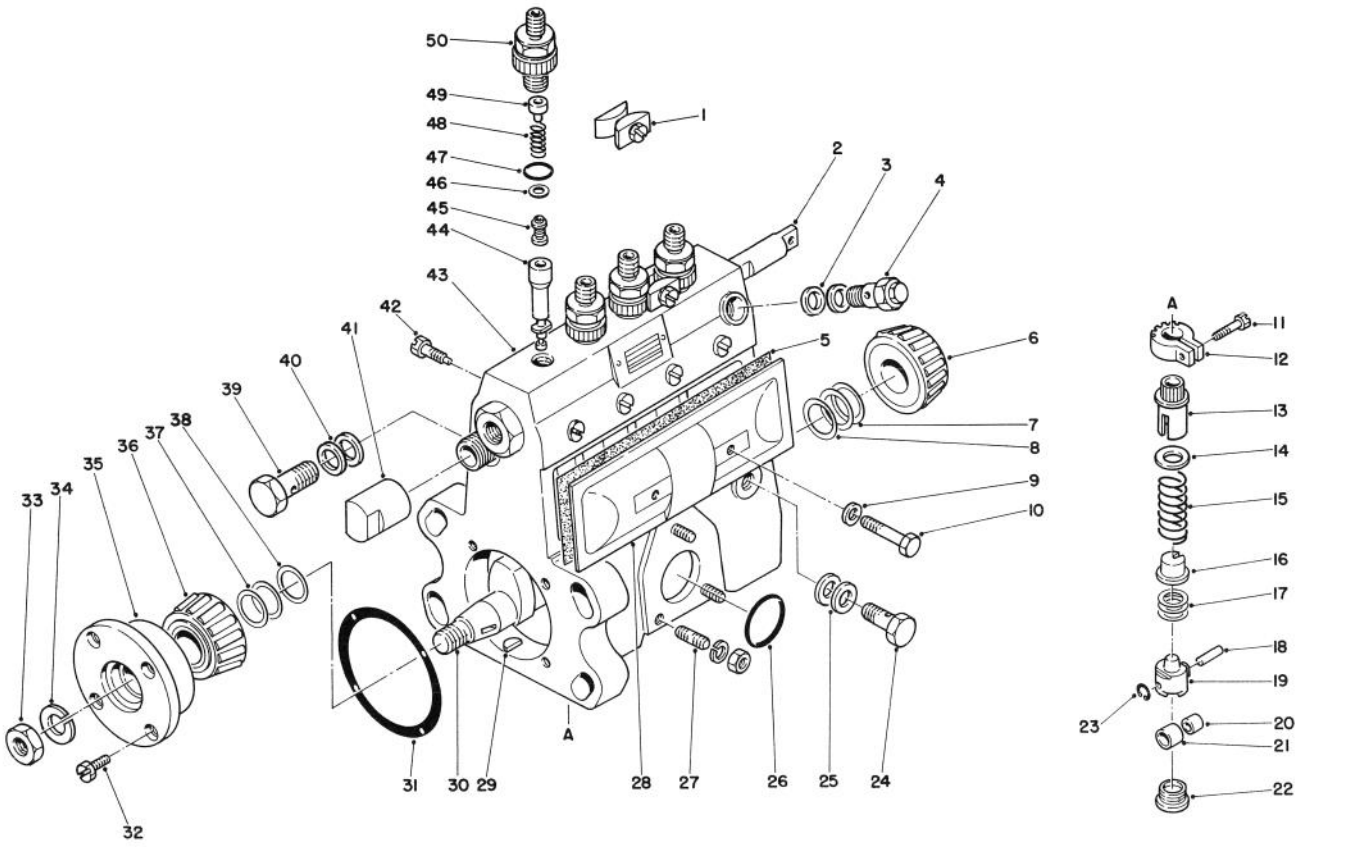
T–0593–90

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



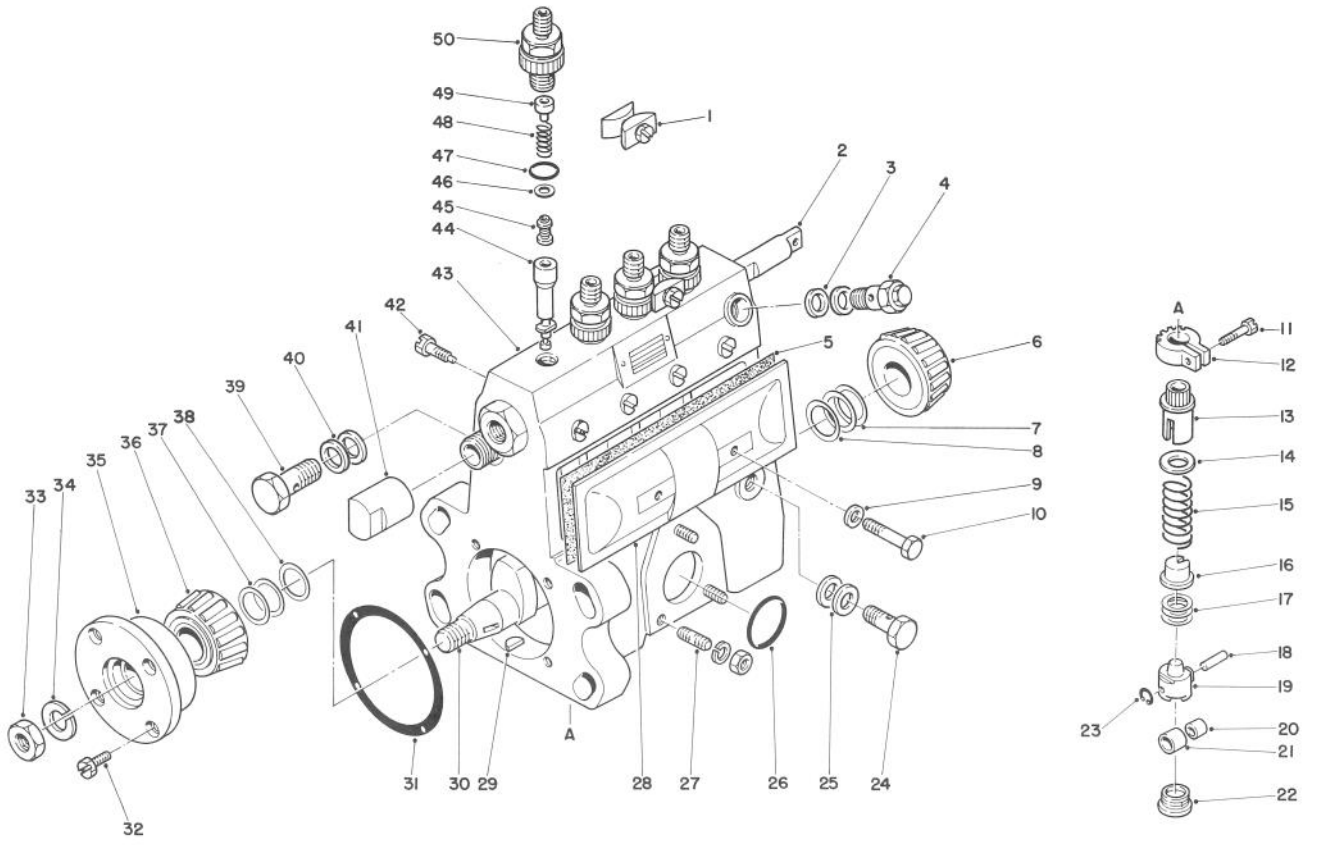
T-0594-90

FUEL INJECTION PUMP ASSEMBLY

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

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

*Not Illustrated



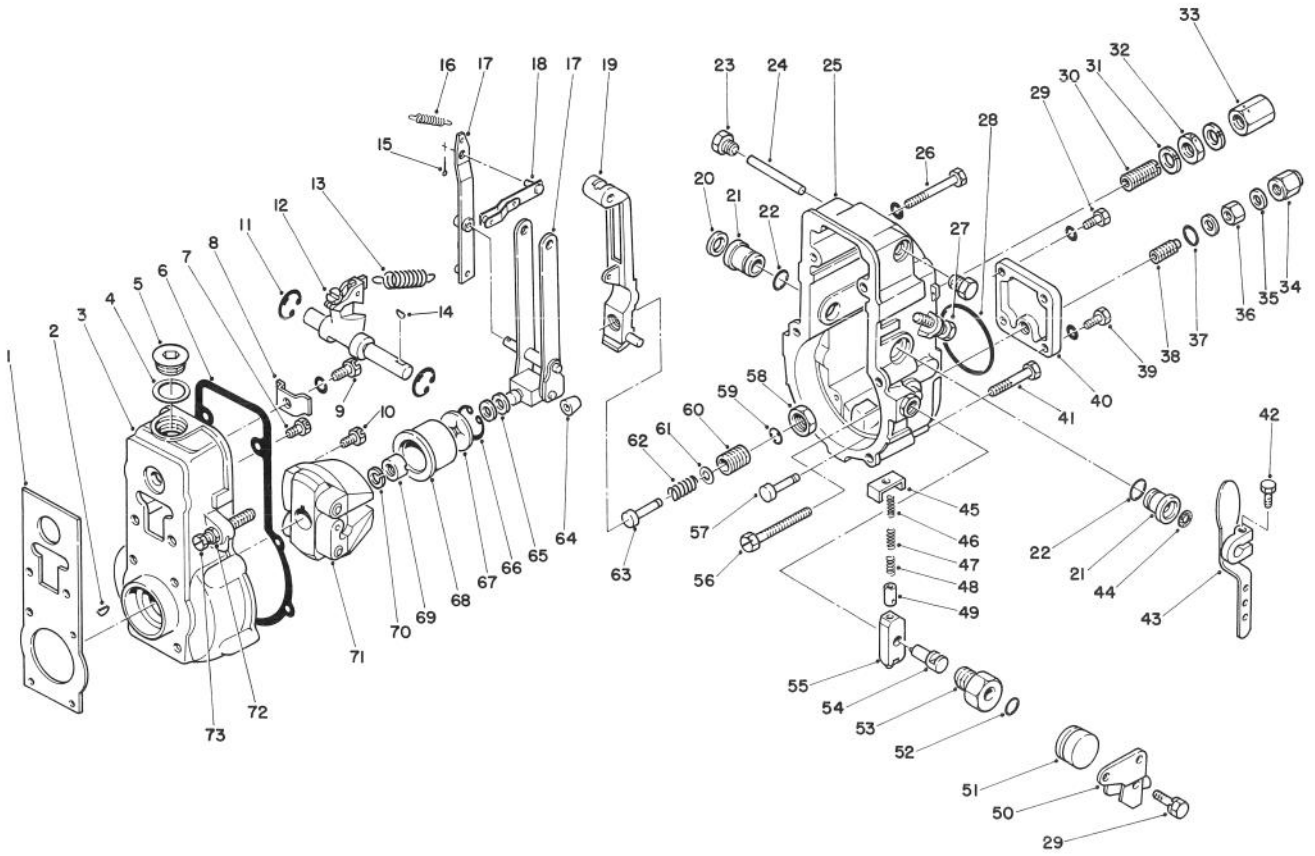
T–0594–90

FUEL INJECTION PUMP ASSEMBLY (Continued)

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

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

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

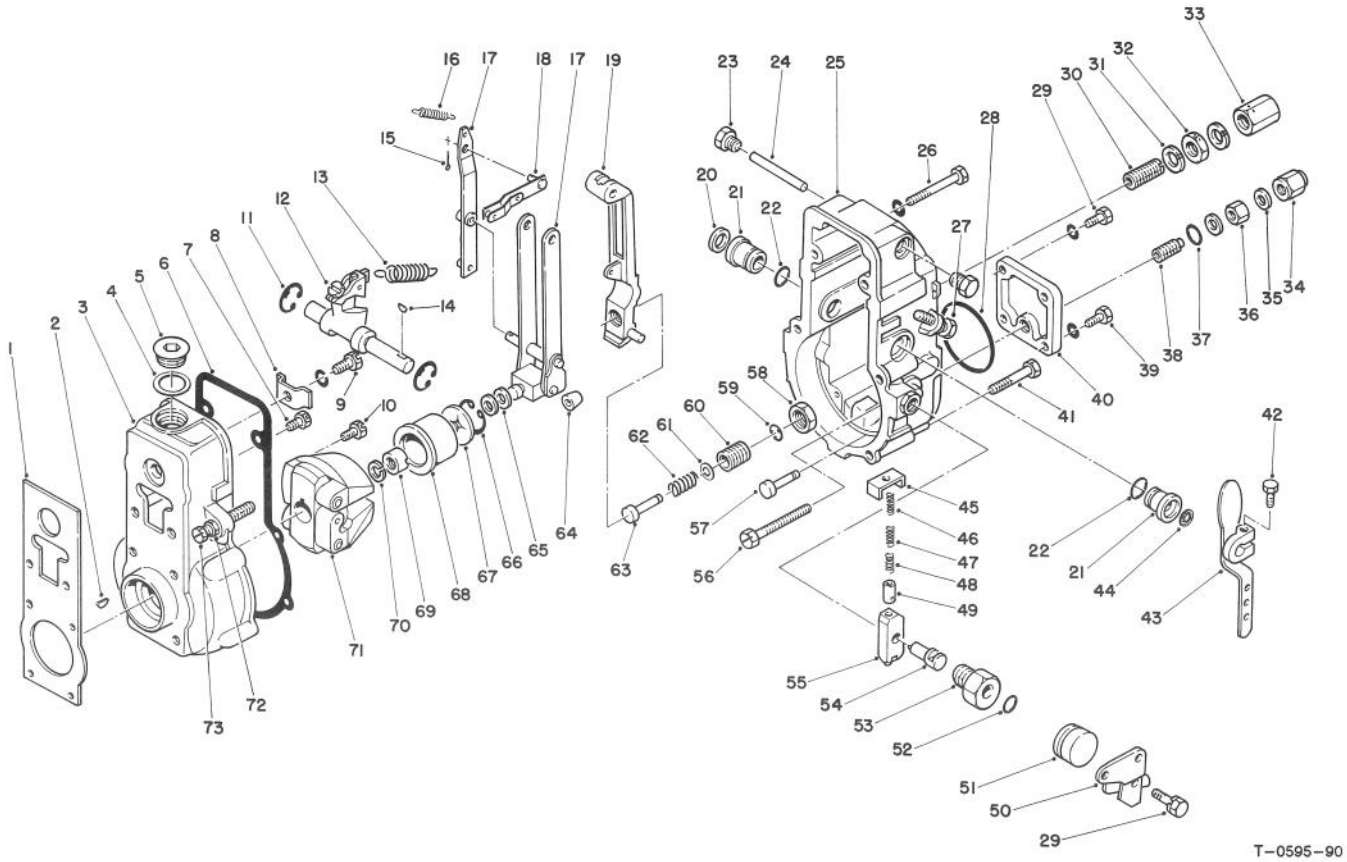


T–0595–90

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

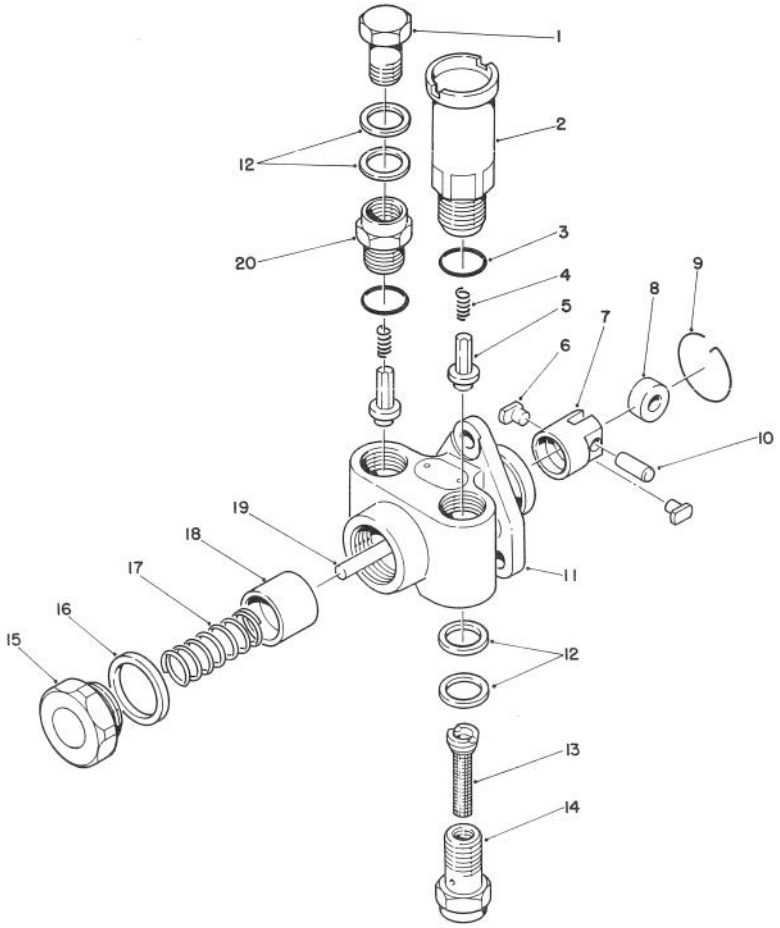


GOVERNOR ASSEMBLY (Continued)

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



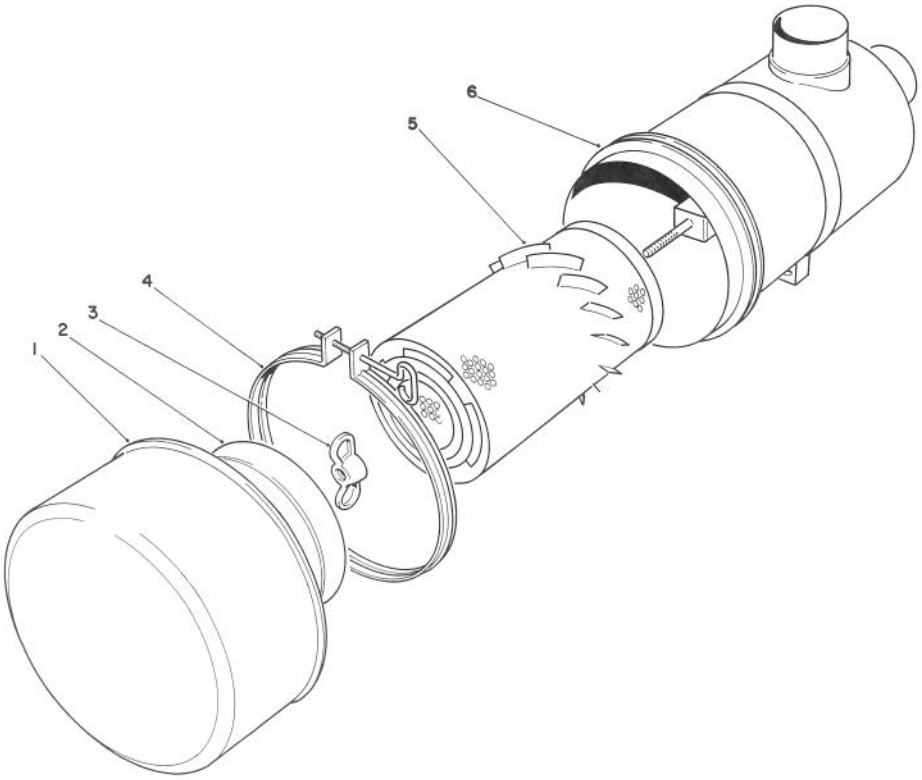
T–0596–90

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

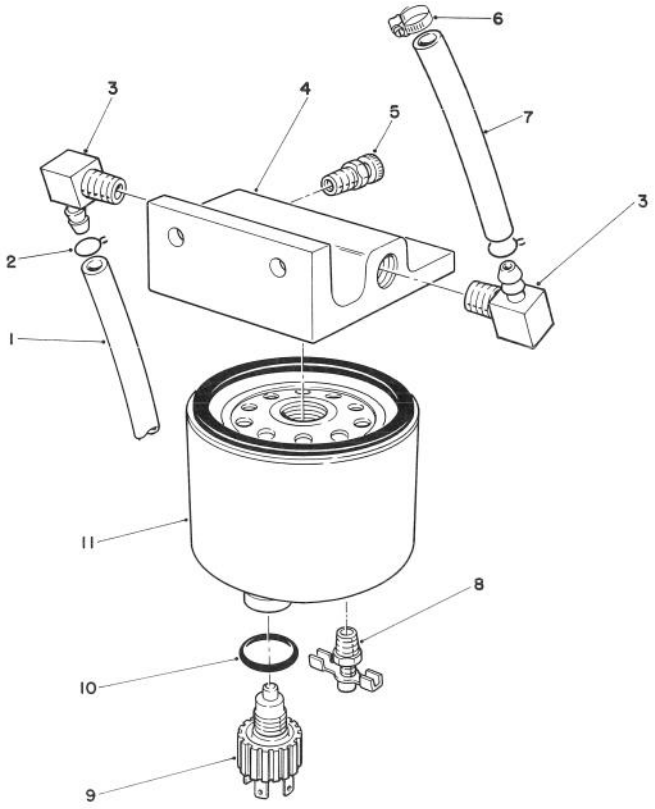


T–0387–90

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



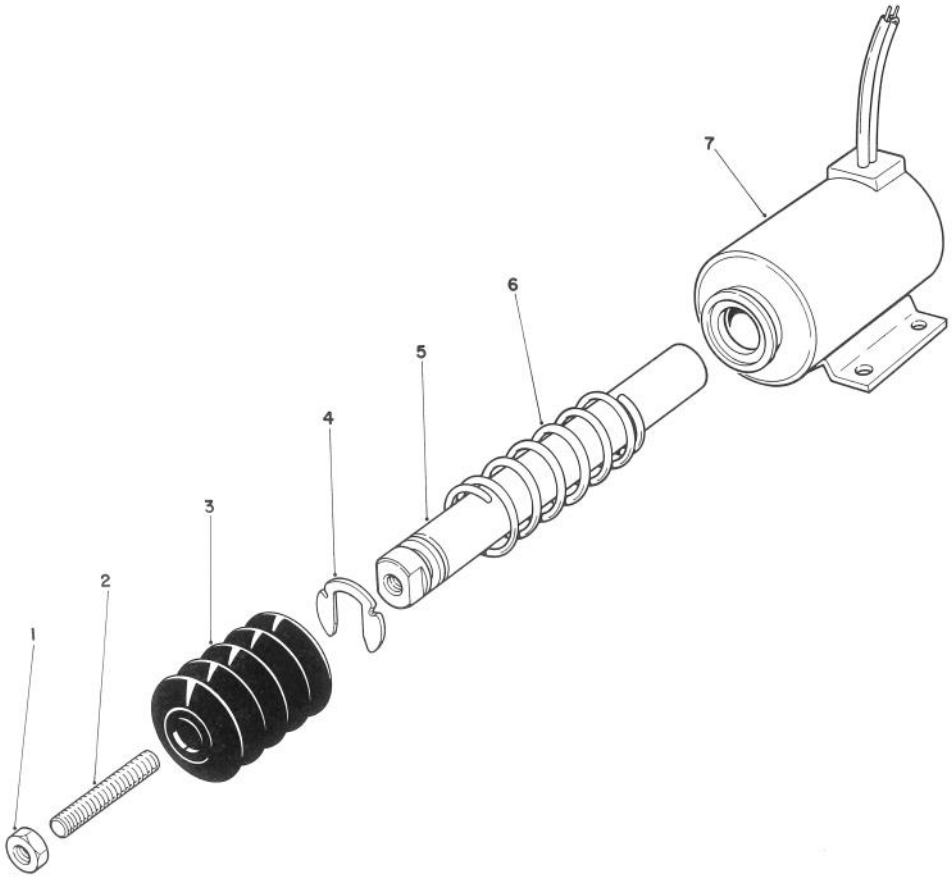
T–0376–90

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

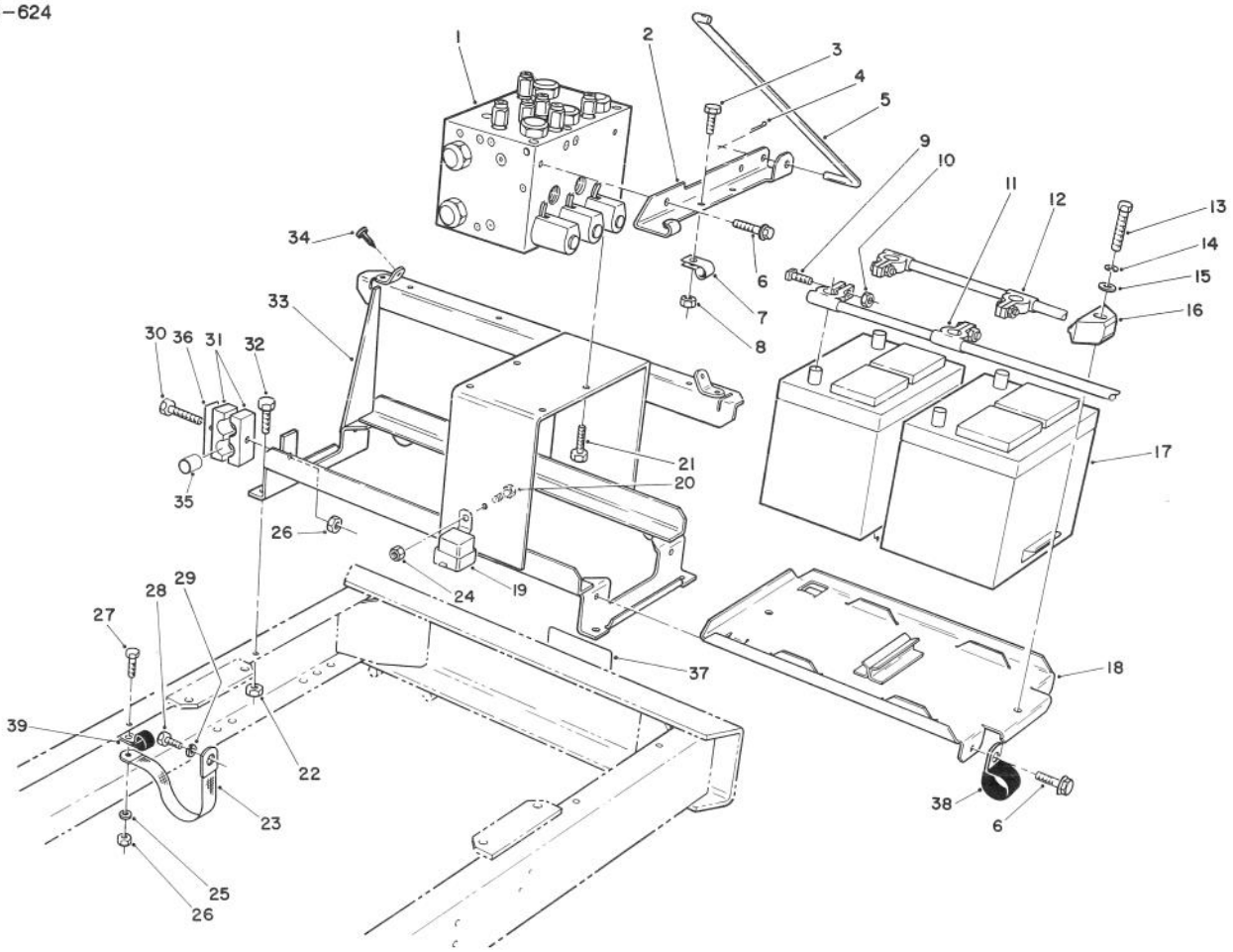


T–0375–90

SOLENOID VALVE NO. 69–4330

Ref. No.	Part No.	Description	No. Used
1	3220–1	Nut – Jam	1
2	69–4370	Stud – Threaded	1
3	69–4360	Boot – Rubber	1
4	69–4350	Ring – Retaining	1
5		Plunger – Solenoid	1
6	69–4340	Spring – Return	1
7		Body – Solenoid	1
*	69–4330	Solenoid Valve Assembly (Incl. Ref. #1–7)	1

*Not Illustrated



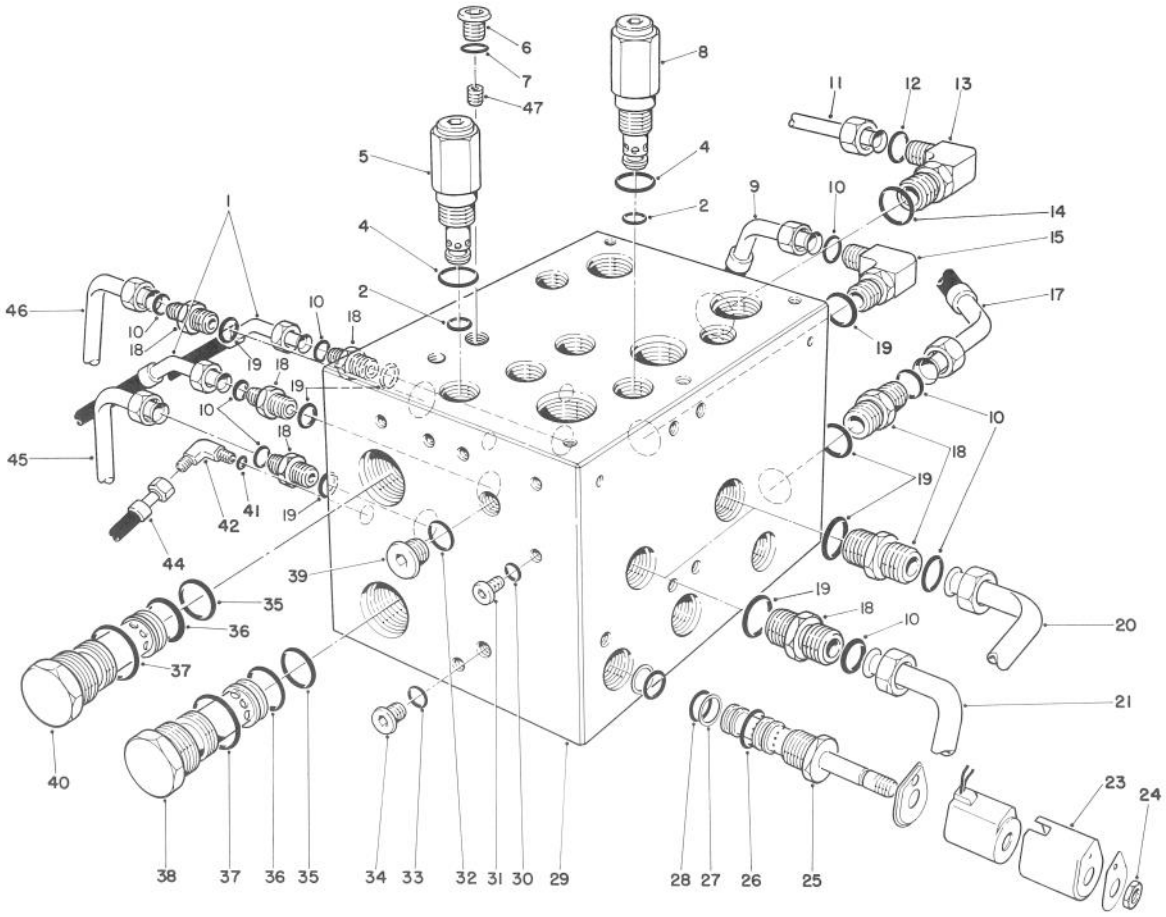
T–0346A

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	80–0120	Cable – Positive	1
13	323–8	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	2
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

†Not serviceable separately.
‡Obtain Locally



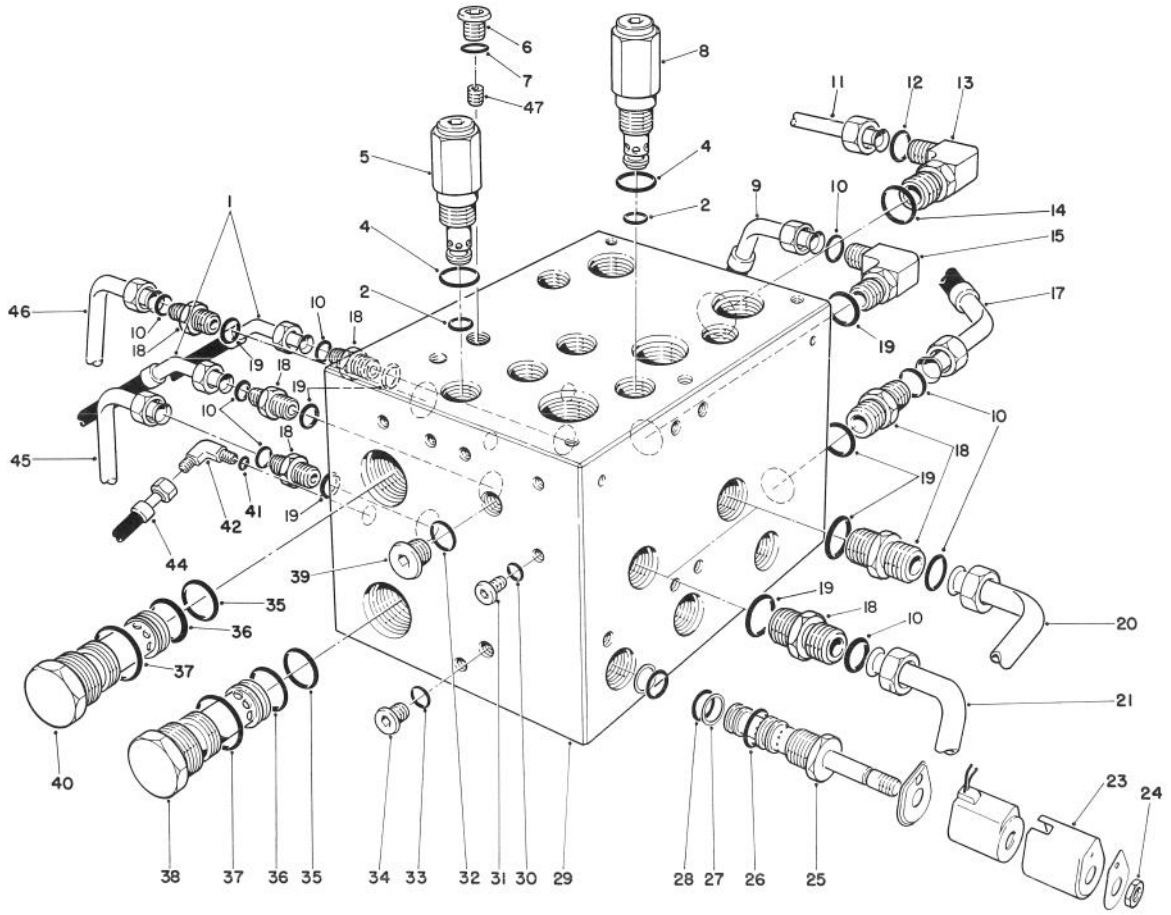
T–0364B

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

Ref. No.	Part No.	Description	No. Used
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	69–4160	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° Elbow (Incl. Ref. #41 & 43)	2
44	69–5662	Hose – Diagnostic	2
45	69–6140	Tube – Hydraulic	1
46	69–6150	Tube – Hydraulic	1

†Not serviceable separately.



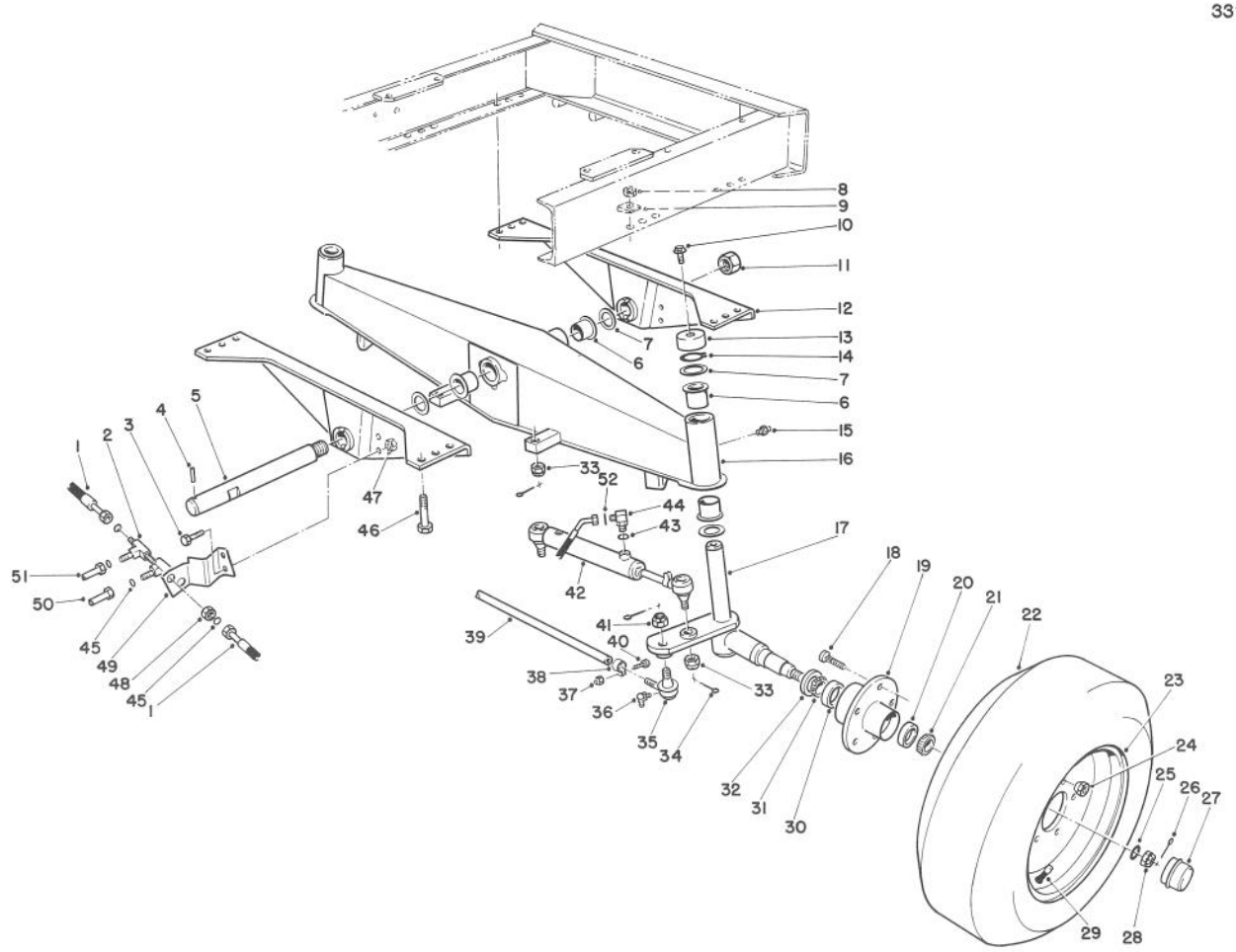
T-0364A-90

PTO MANIFOLD ASSEMBLY (Continued)

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

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

*Not Illustrated



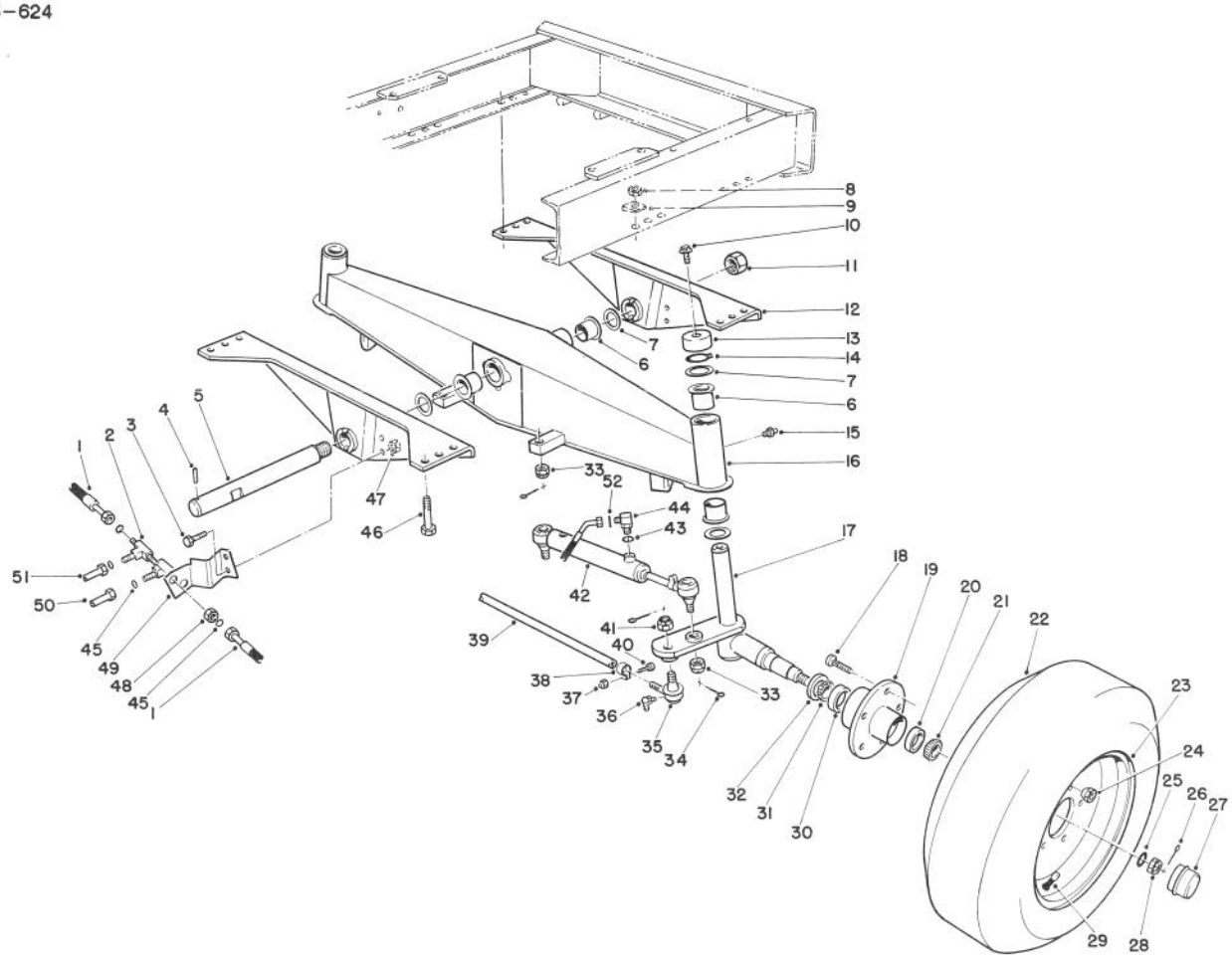
T–0345–90

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	69–7370	Spindle – Wheel L.H.	1
*	69–7360	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	49–0010	Washer	2
26	3272–13	Pin – Cotter	2
27	69–2970	Cap – Hub	2
28	32136–5	Nut – Castle	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	Cylinder – Steering	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.

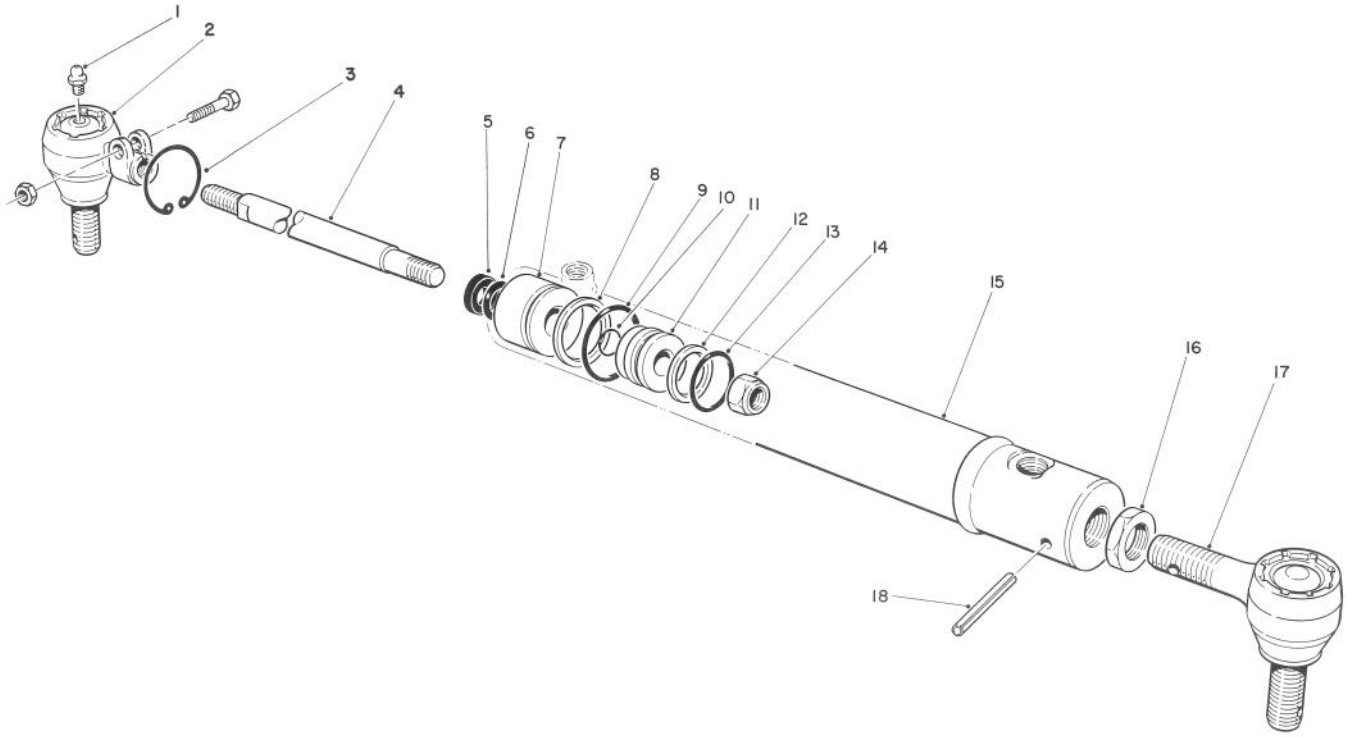


T–0345–90

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

Ref. No.	Part No.	Description	No. Used
50	69–6010	Tube – Hydraulic	1
51	69–6020	Tube – Hydraulic	1
52	237–21	Seal – O–Ring	4

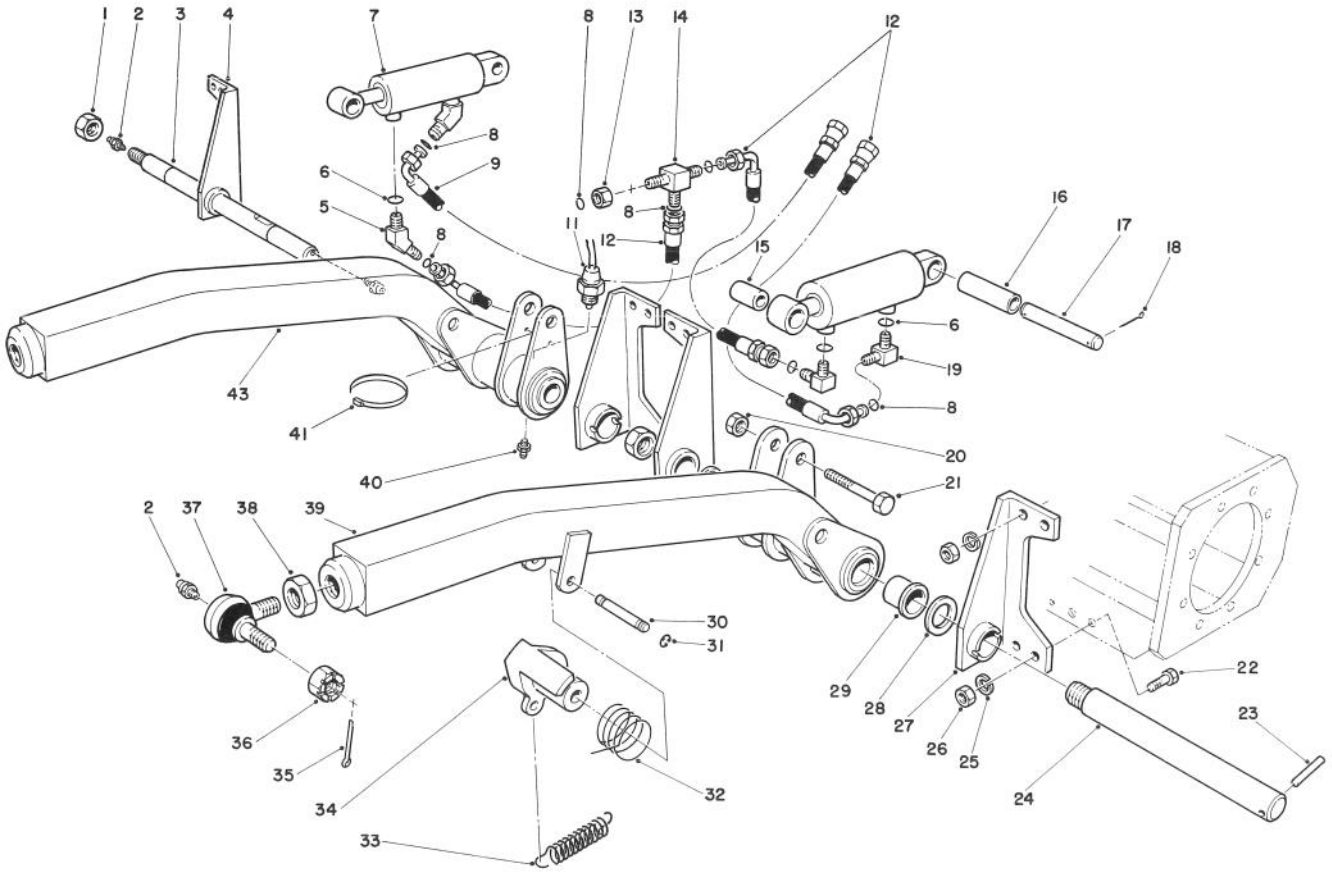


T–0378–90

HYDRAULIC STEERING CYLINDER

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

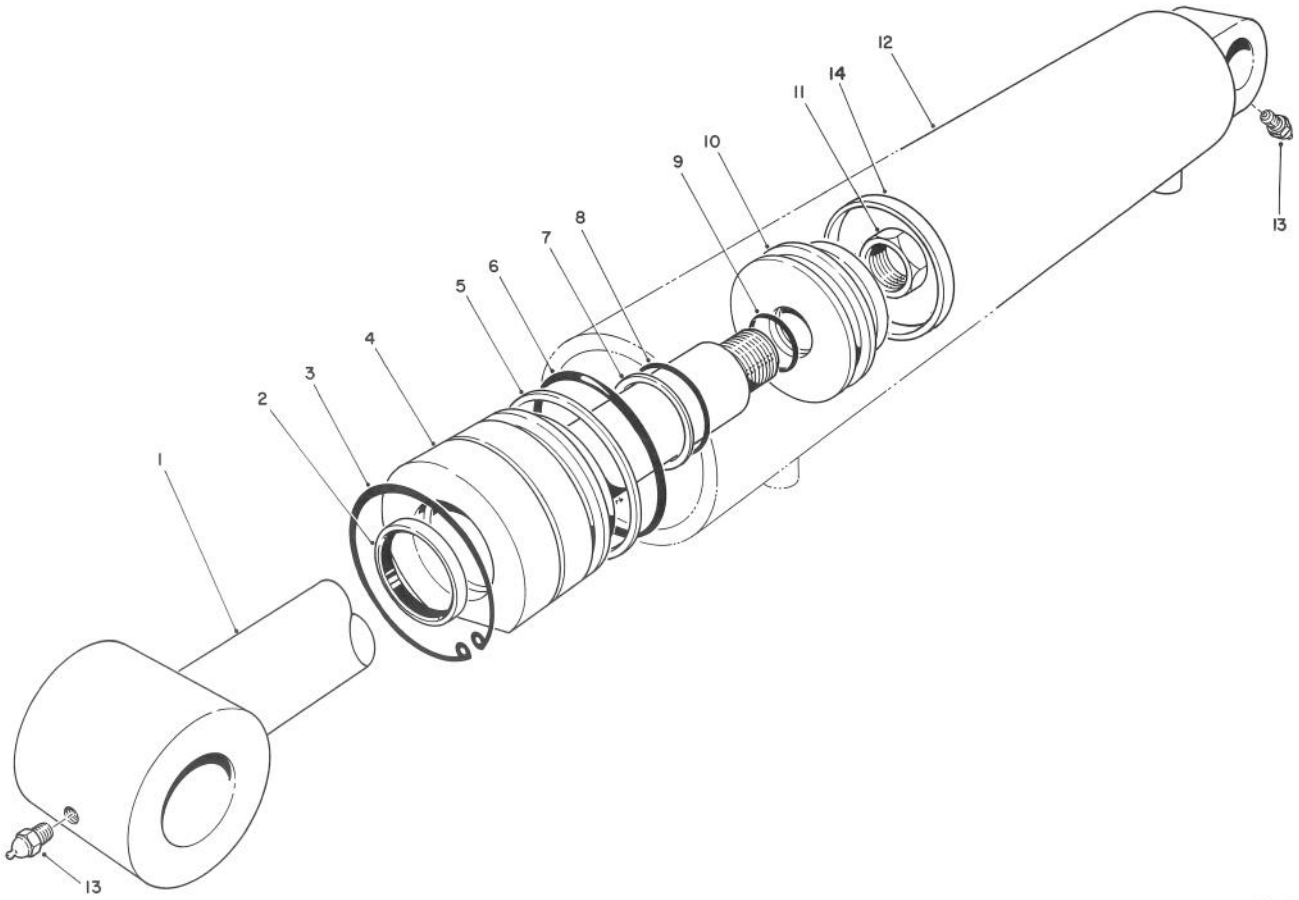


T–0344–90

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
5	340–87	Fitting – Hydraulic Elbow (Incl. Ref. #6 & 8)	2
6	237–42	Seal – O–Ring	4
7	69–2180	Cylinder – Hydraulic	2
8	237–22	Seal – O–Ring	7
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)	2
20	32153–6	Nut – Lock	2
21	328–10	Screw – Cap Hex. Hd.	2
22	325–6	Screw – Cap Hex. Hd.	12

Ref. No.	Part No.	Description	No. Used
23	32121–110	Pin – Roll	2
24	71–2590	Shaft – Pivot	1
25	3253–7	Washer – Lock	16
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	69–9080	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



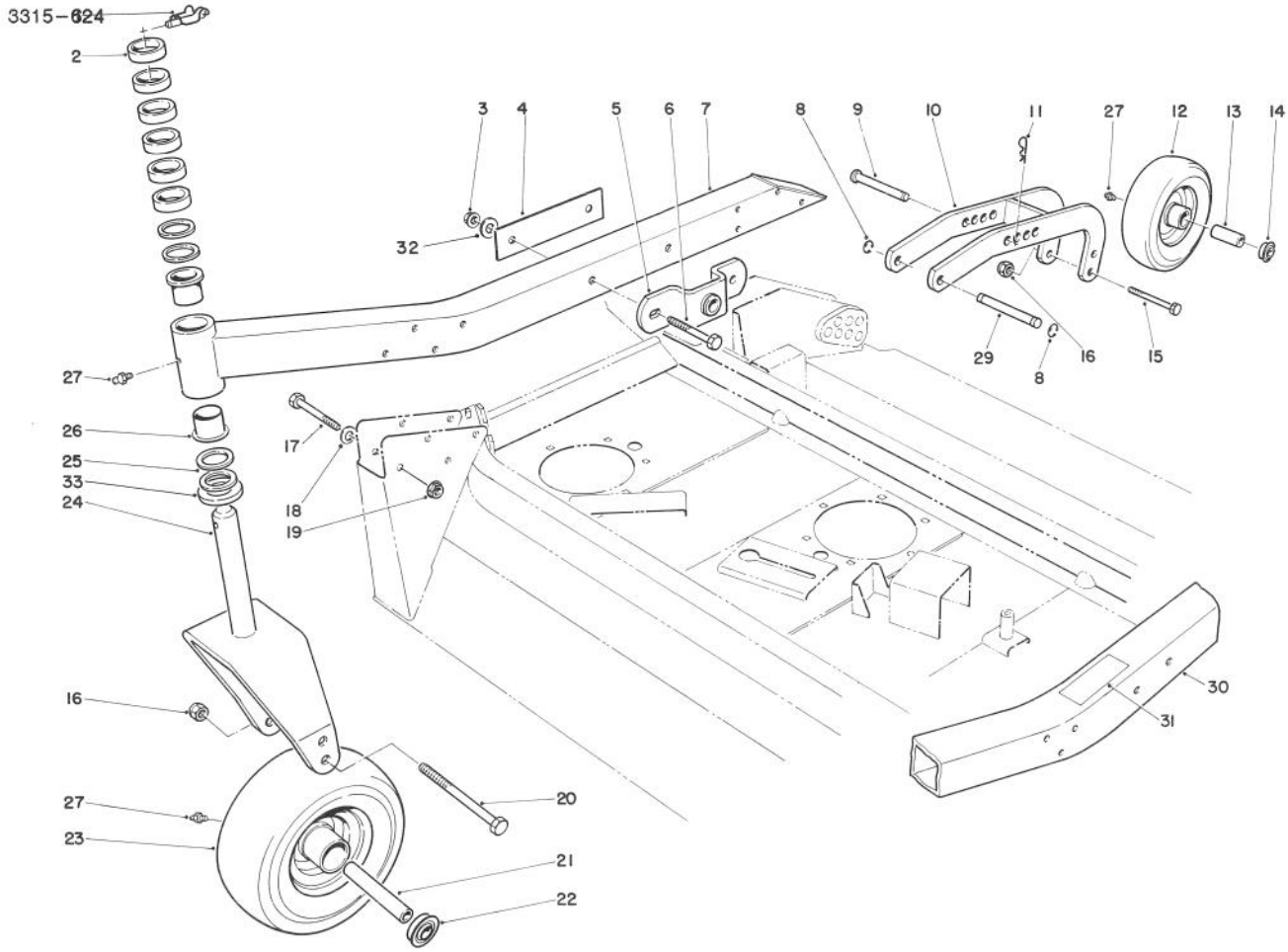
T–0380A

HYDRAULIC CYLINDER ASSEMBLY NO. 69–2180

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	2
14		Seal – Uni–Ring	1
*	86–7350	Seal Repair Kit (Incl. Ref. #2 & 5–9)	1

*Not Illustrated
†Not serviceable separately.

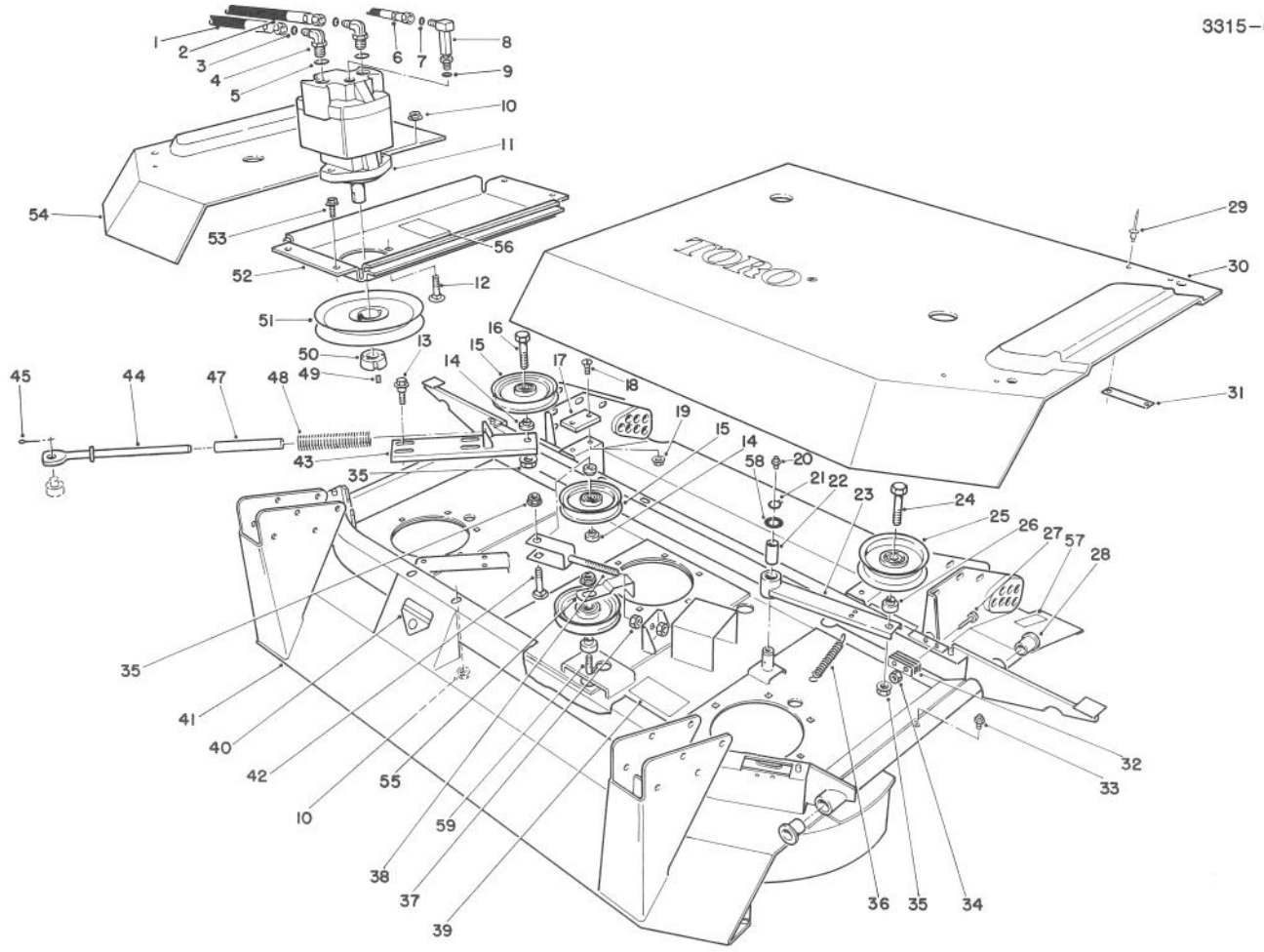


T-0362A-90

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	92-1654	Castor Wheel Assembly (Incl. Ref. #13-14, & 27)	2
13	251-332	Spacer Bearing	2
14	251-321	Bearing – Castor	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	327-15	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	75-9650	Fork – Castor	2
25	69-6860	Washer – Castor	8
26	69-6470	Bushing – Flange	4
27	302-5	Fitting – Grease	6
29	69-9260	Pin – Clevis	2
30	13-5069	Arm – Castor L.H. (Incl. Ref. #26-27, & 31)	1
31	69-0880	Decal – Torque	1
32	30-8770	Washer – Flat	2
33	77-0950	Washer – Castor	2

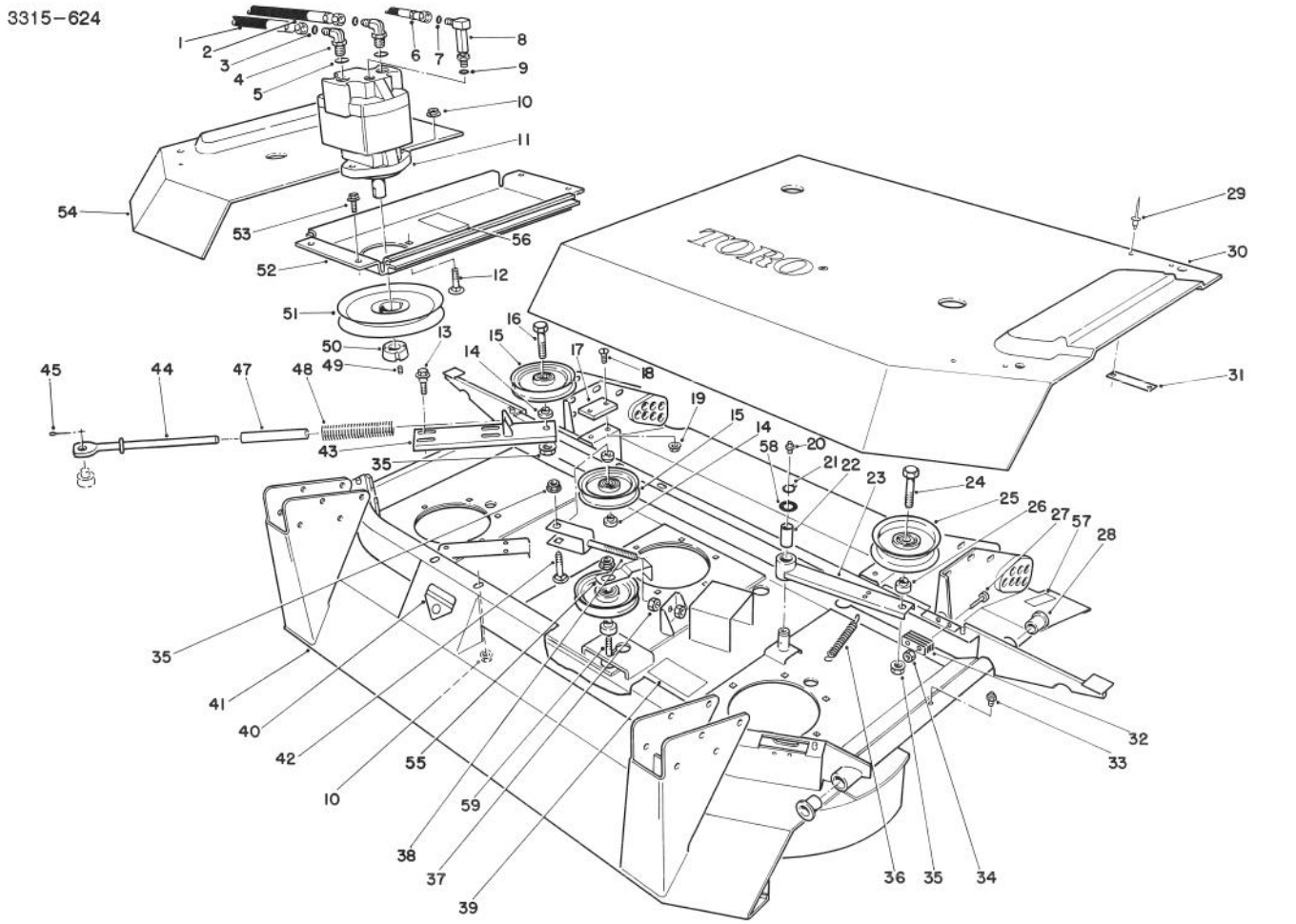


T–0361C

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° Elbow (Incl. Ref. #7 & 9)	1
9	237–42	Seal O–Ring	1
10	32128–21	Nut – Flange Lock	6
11	69–2780	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

Ref. No.	Part No.	Description	No. Used
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	2
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
51	63–0660	Pulley – Drive	1
52	69–6390	Plate – Gearbox	1

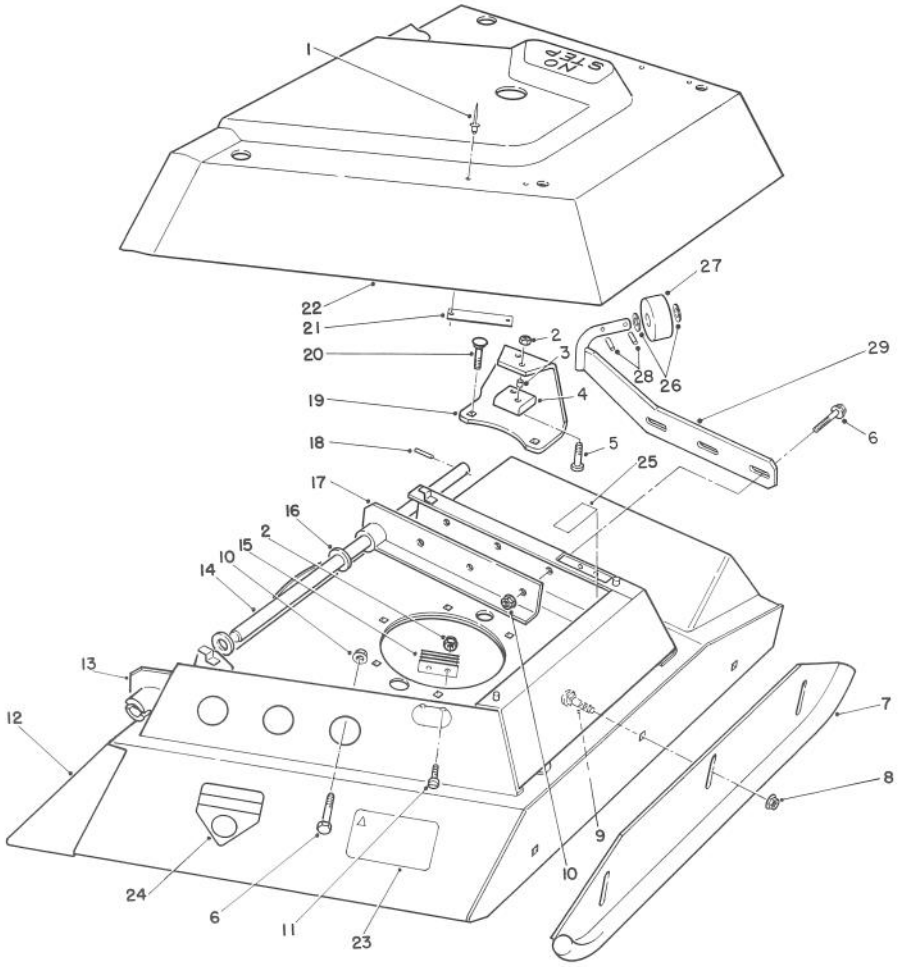


CENTER DECK MODEL NO. 30592 (Continued)

Ref. No.	Part No.	Description	No. Used
53	3234–12	Screw – Hex. Flange Hd.	4
54	69–6790	Cover – Center Right	1
55	85–6450	Retainer – Belt	1
56	71–4260	Decal – H.O.C.	1
57	69–0820	Decal – H.O.C.	1

Ref. No.	Part No.	Description	No. Used
58	3–6498	Washer – Flat	1
59	3233–30	Bolt – Carriage	1
*	69–6220	Hex.–Belt – Deck Drive	1
*	3290–378	Tie – Cable	2

*Not Illustrated



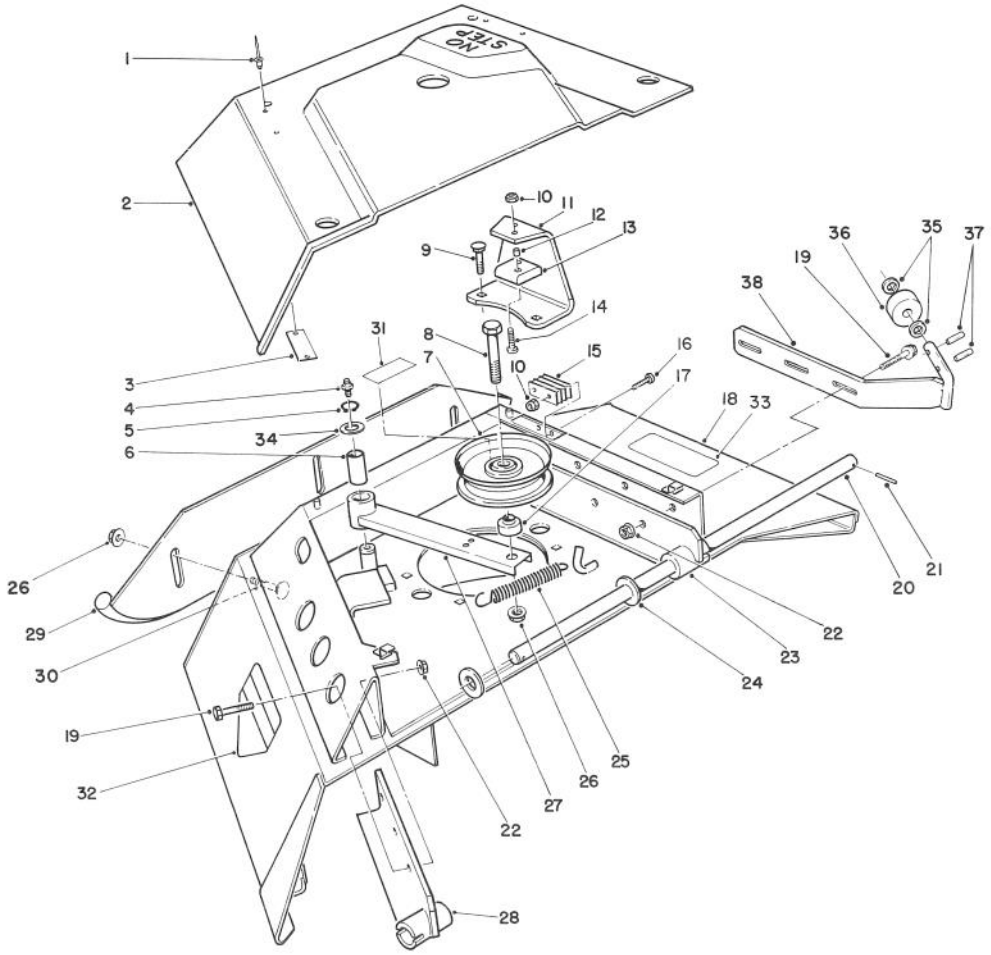
T-0366-90

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.	6
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

Ref. No.	Part No.	Description	No. Used
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
*	76-2060	V-Belt	1
*	42-6200	Shim – Cushion	A/R

*Not Illustrated



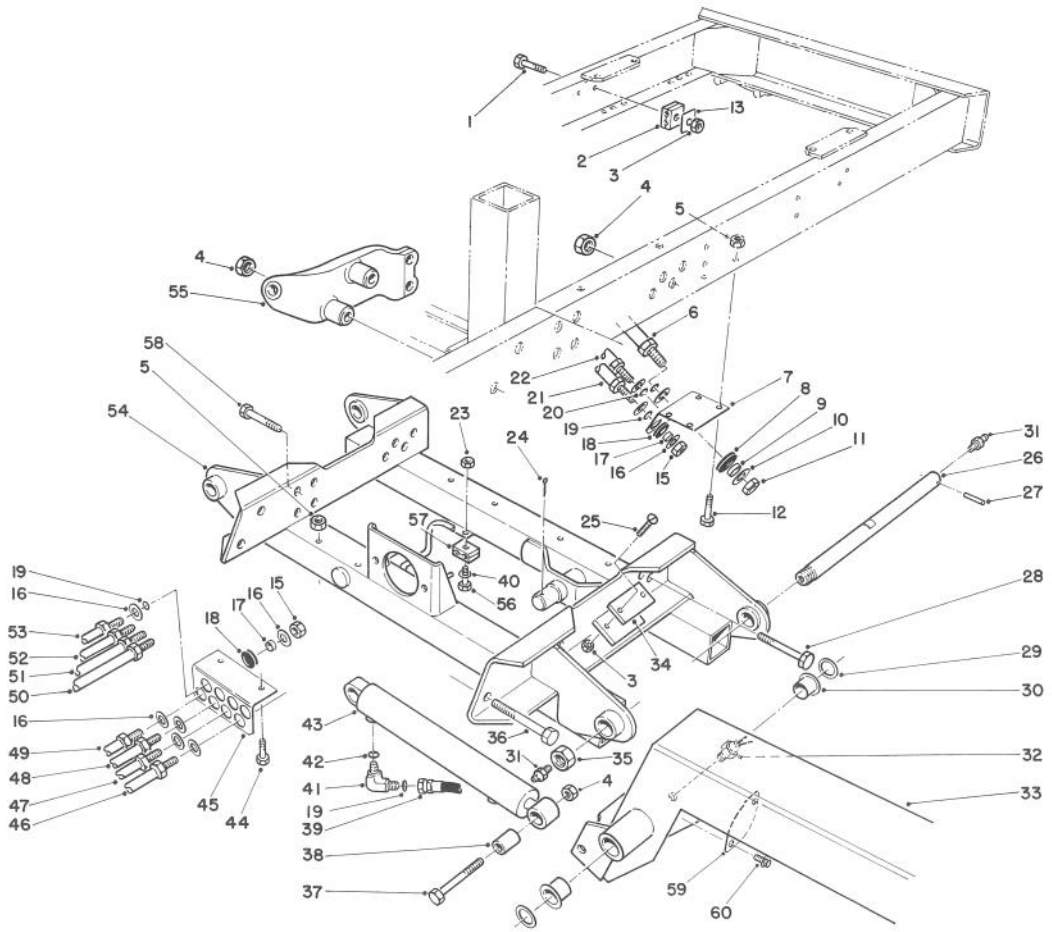
T–0365–90

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.	6
20	69–6900	Shaft – Hinge	1

Ref. No.	Part No.	Description	No. Used
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
*	76–2060	V–Belt	1
*	42–6200	Shim – Cushion	A/R

*Not Illustrated



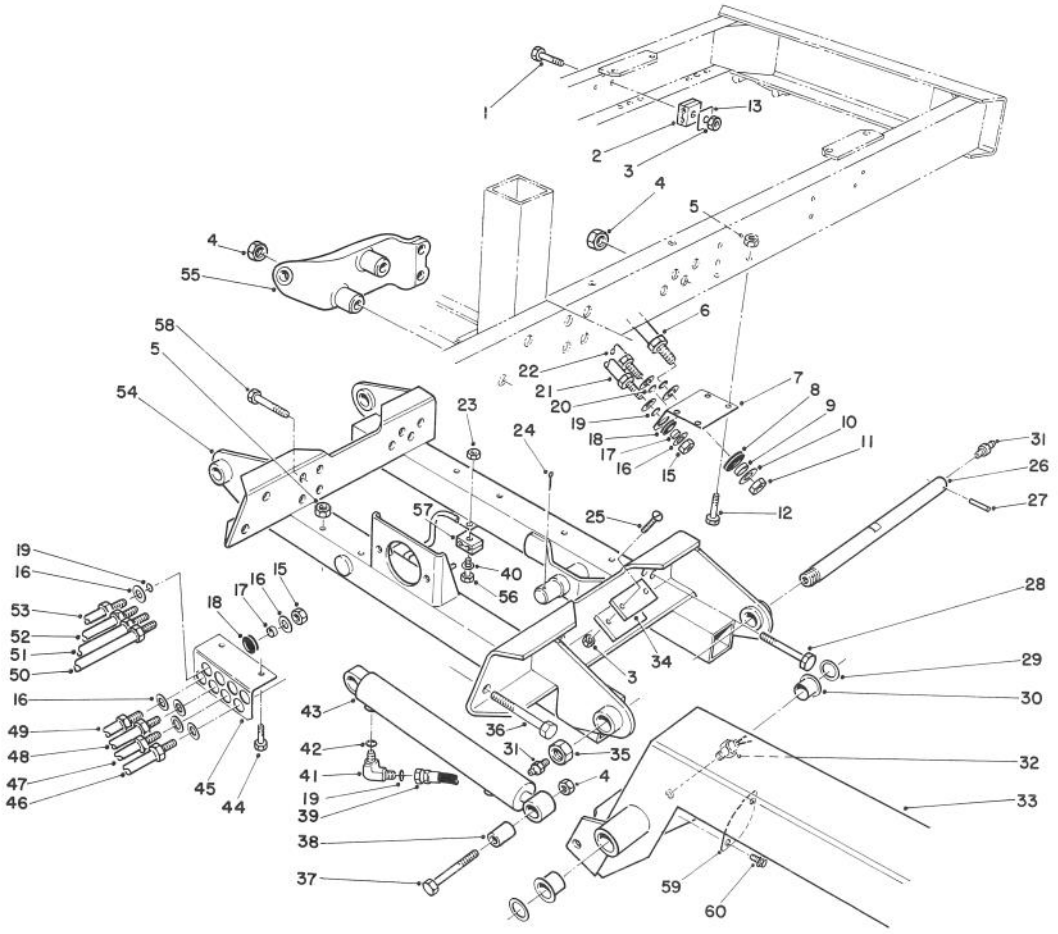
T–0348A

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	71–0160	Lift Arm Assembly L.H. (Incl. Ref. #30–31)	1
*	71–0150	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	328–10	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

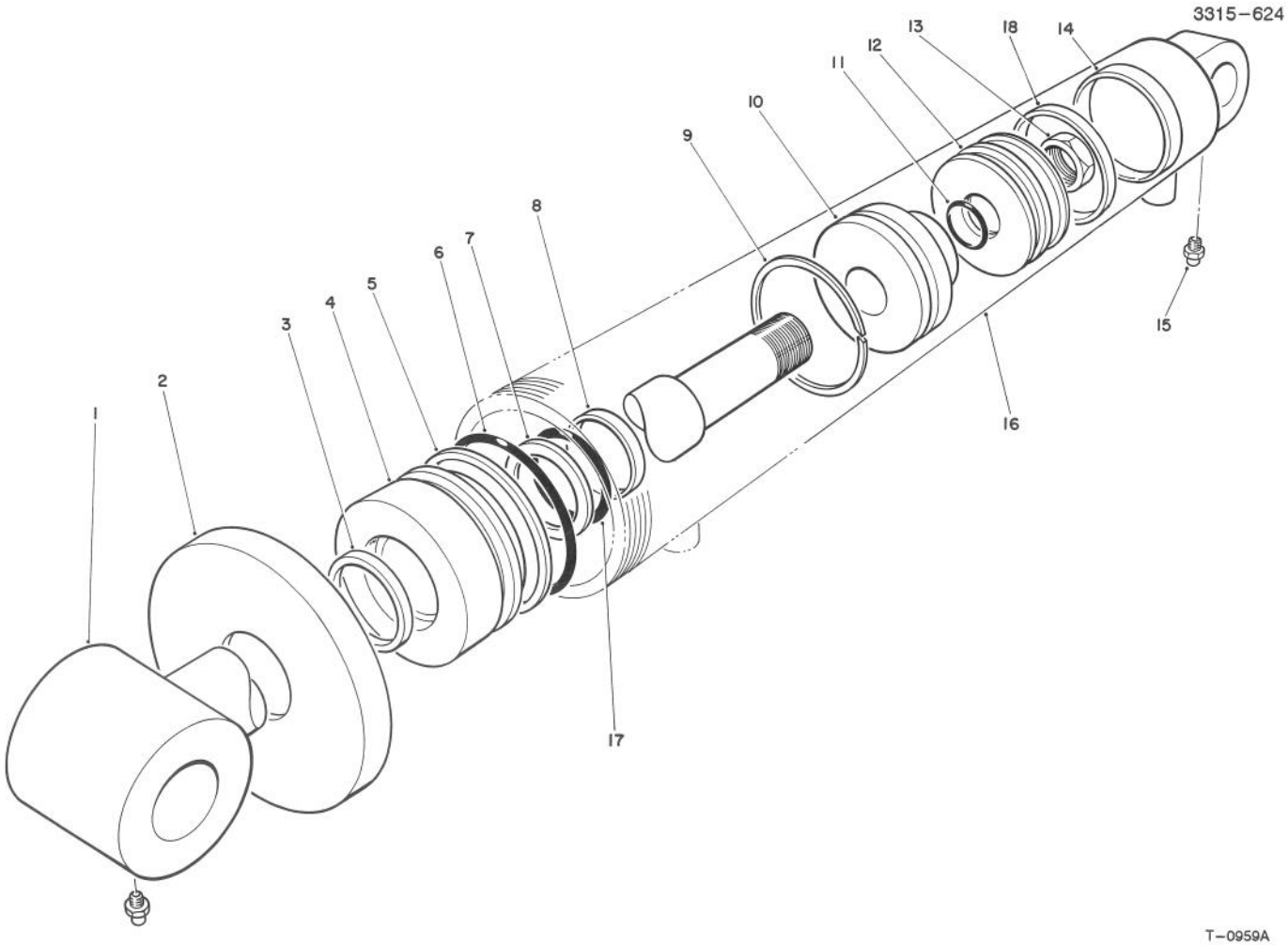


T–0348A

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
*	3290–378	Tie – Cable	3

*Not Illustrated

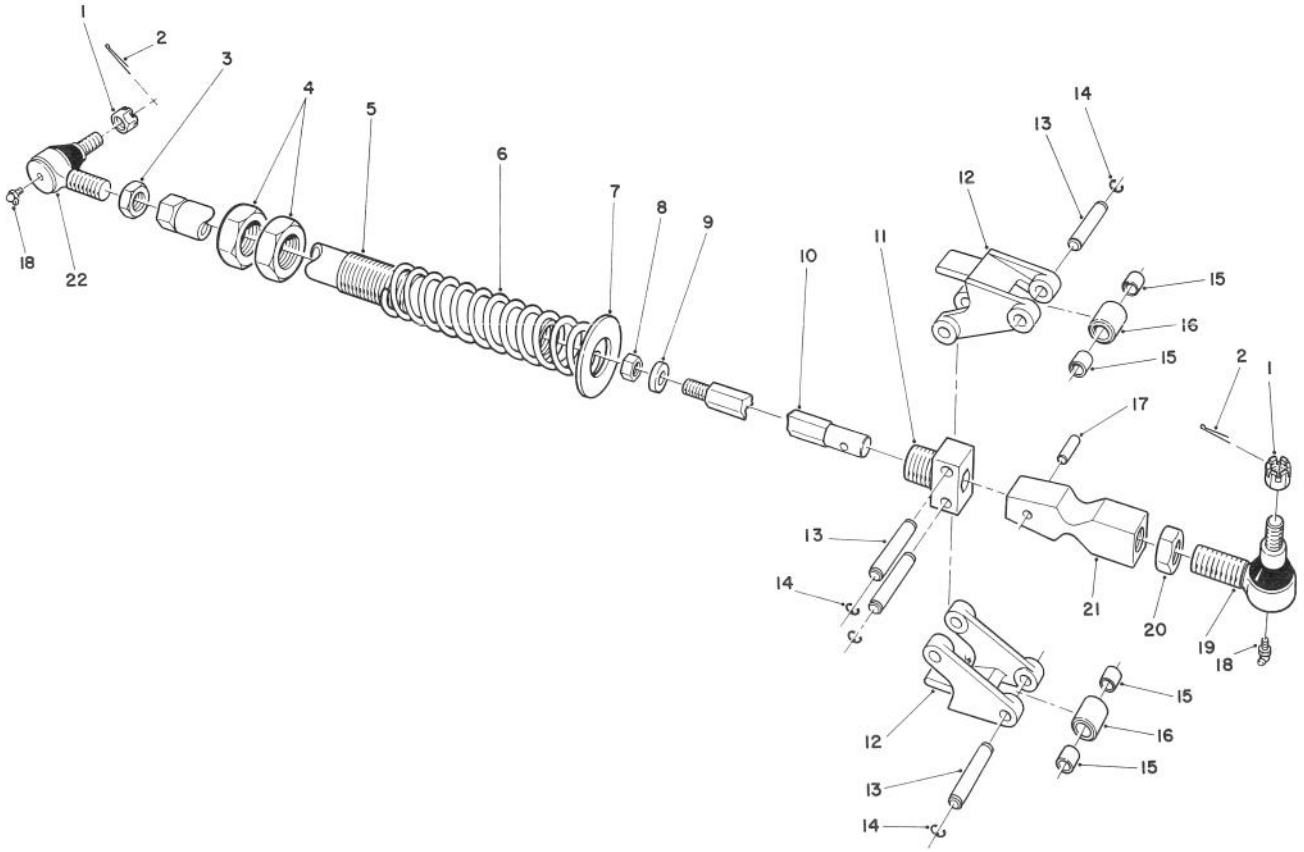


HYDRAULIC CYLINDER ASSEMBLY NO. 74–2170

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

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

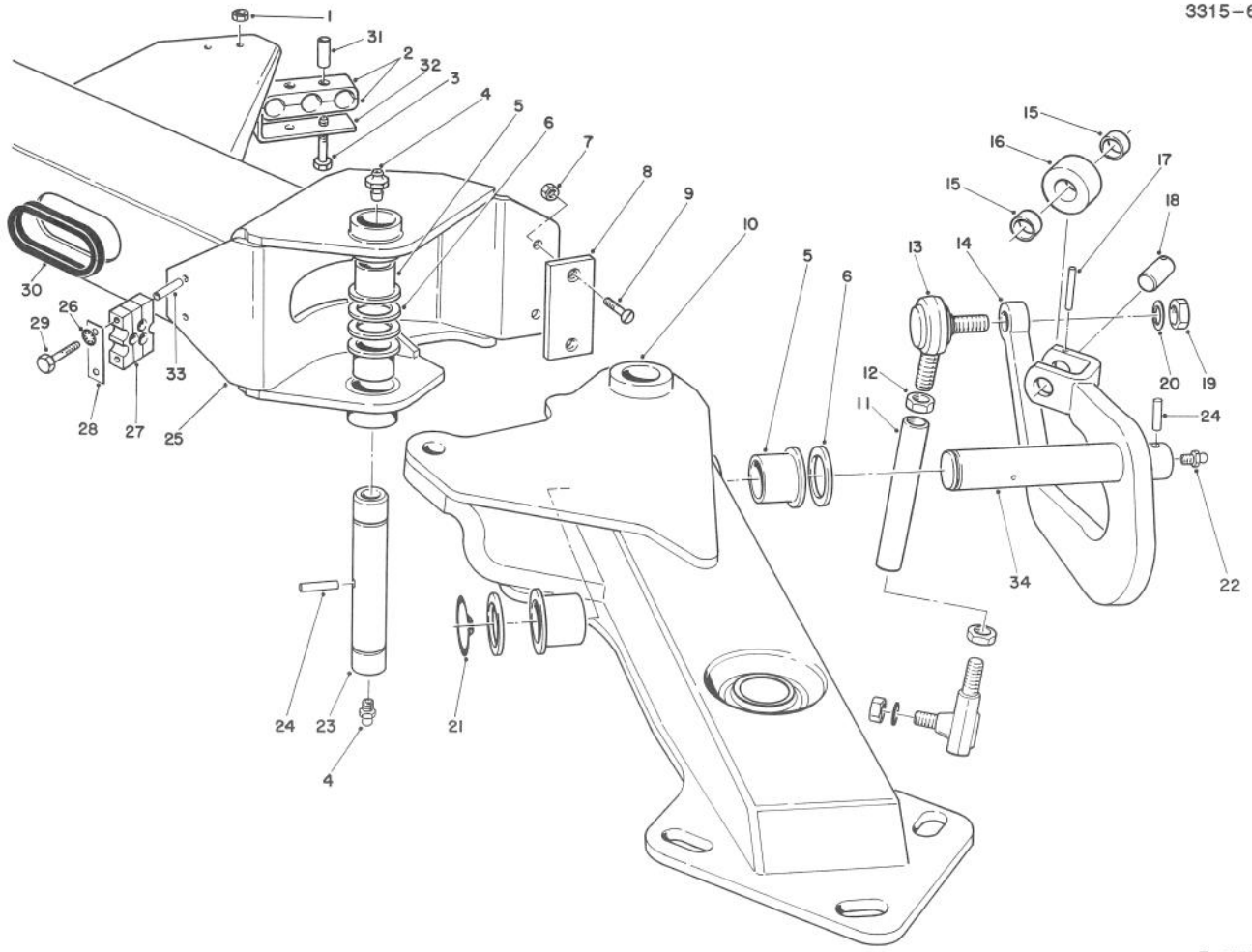
*Not Illustrated
†Not serviceable separately.



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	69–9690	Block – Latch Pivot	2
12	69–1630	Arm – Latch Pivot	4

Ref. No.	Part No.	Description	No. Used
13	69–9080	Pin – Latch	8
14	32120–47	Ring – Retaining	16
15	256–172	Bearing – Sleeve	8
16	69–9090	Roller – Latch	4
17	32121–49	Pin – Roll	2
18	302–33	Fitting – Grease	4
19	86–8100	Joint – Ball ((Incl. Ref. #1 & 18)	2
20	21–3000	Nut – Jam	2
21	69–9670	Cam – Spring Trip	2
22	86–8101	Joint – Ball (Incl. Ref. #1 & 18)	2



T–0370B

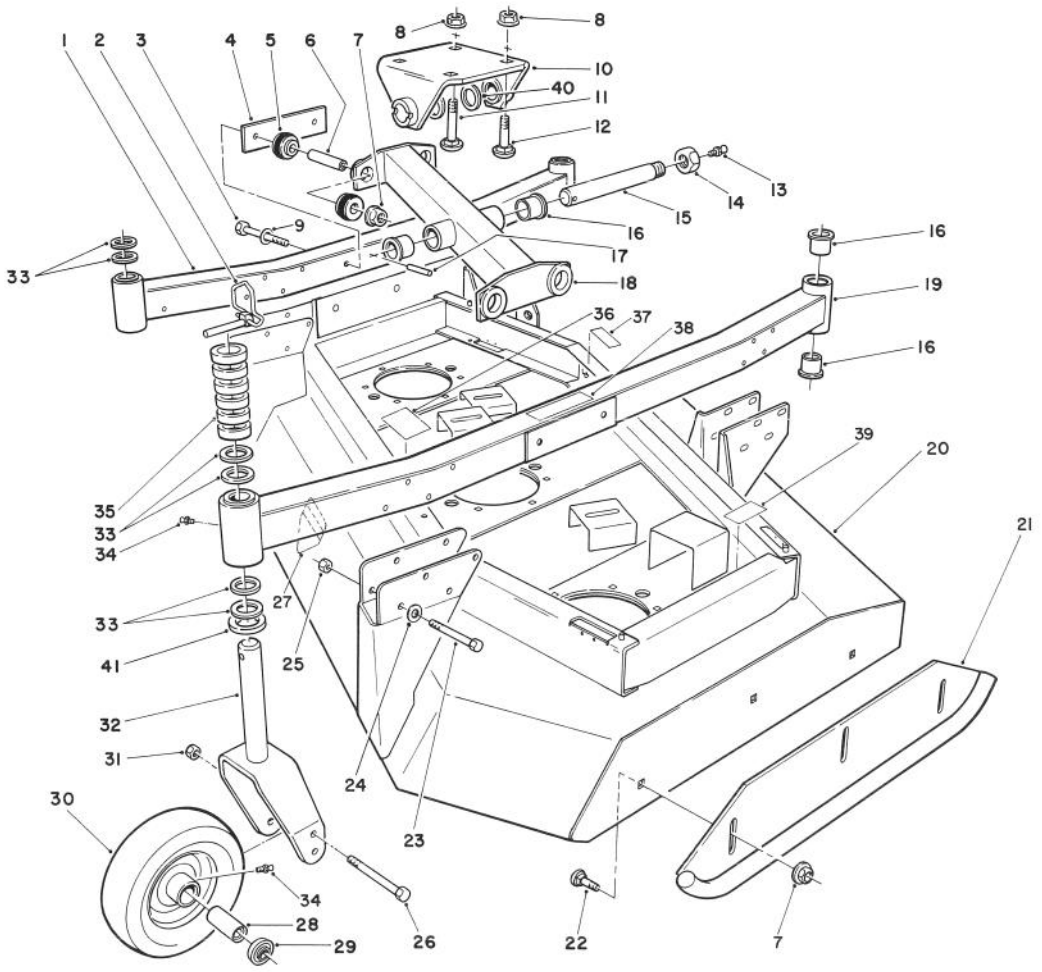
WING DECK LIFT ARM ASSEMBLY

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	71–0180	Arm – Outer Lift L.H. (Incl. Ref. #5)	1
*	71–0170	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
17	32121–34	Pin – Roll	2

Ref. No.	Part No.	Description	No. Used
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	71–0160	Lift Arm Assembly L.H. (Incl. Ref. #5)	1
*	71–0150	Lift Arm Assembly R.H. (Incl. Ref. #5)	1
26	3254–8	Washer	4
27	82–8170	Clamp – Hose	6
28	71–4100	Plate – Clamp	2
29	321–19	Screw – Cap Hex. Hd.	4
30	240–8	Grommet	4
31	74–2730	Tube – Clamp	4
32	74–2750	Retainer – Clamp	2
33	82–8160	Spacer	4
34	82–7900	Shaft – Arm	2

*Not Illustrated

3315–624



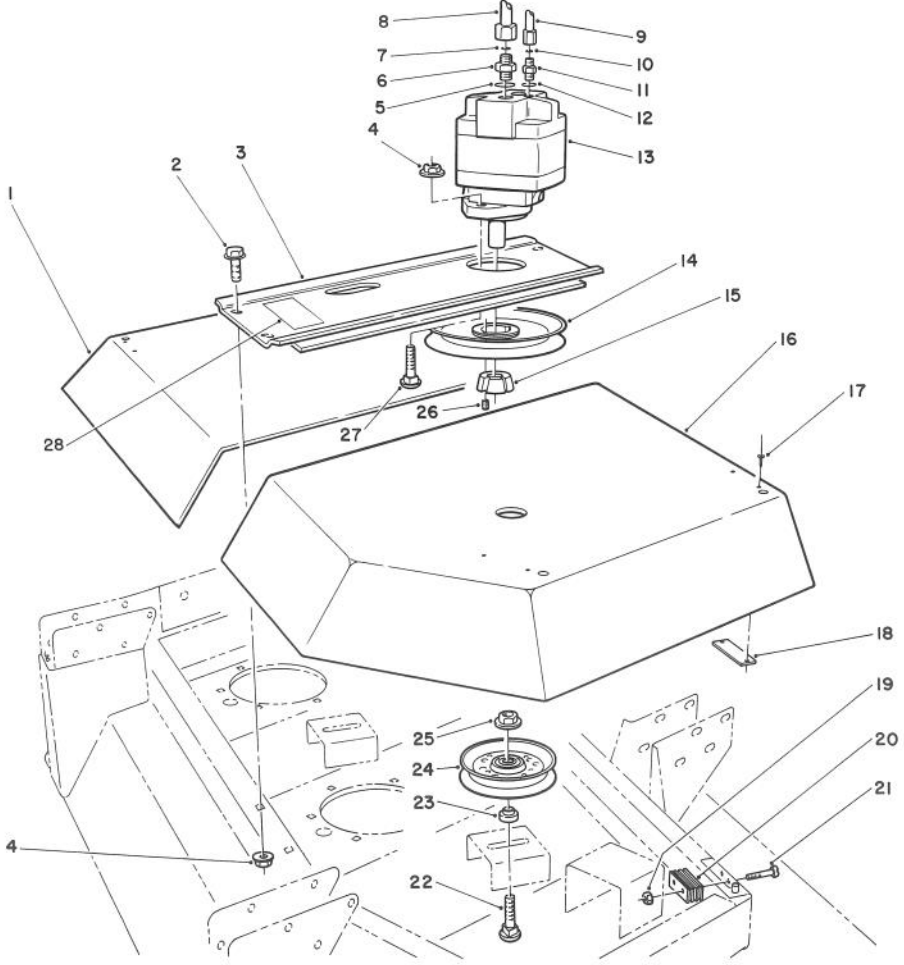
T–0335A

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 & 41)	2

Ref. No.	Part No.	Description	No. Used
20	13–5009	Deck – Wing L.H. (Incl. Ref. #27, 36, 37 & 39)	1
*	13–4999	Deck – Wing R.H. (Incl. Ref. #27, 36, 37 & 39	1
21	69–6730	Skid	4
22	3233–9	Bolt – Carriage	12
23	323–15	Screw – Cap Hex. Hd.	32
24	5–0838	Washer – Flat	32
25	32128–43	Nut – Lock	32
26	327–17	Screw Cap Hex. Hd.	8
27	43–8480	Decal – Danger	2
28	251–332	Spacer – Bearing	8
29	251–321	Bearing – Castor	16
30	92–1654	Castor Wheel Assembly (Incl. Ref. #28, 29 & 34)	8
31	3296–53	Nut – Lock	8
32	75–9670	Fork – Castor	8
33	69–6860	Washer – Thrust	28
34	302–5	Fitting – Grease	16
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



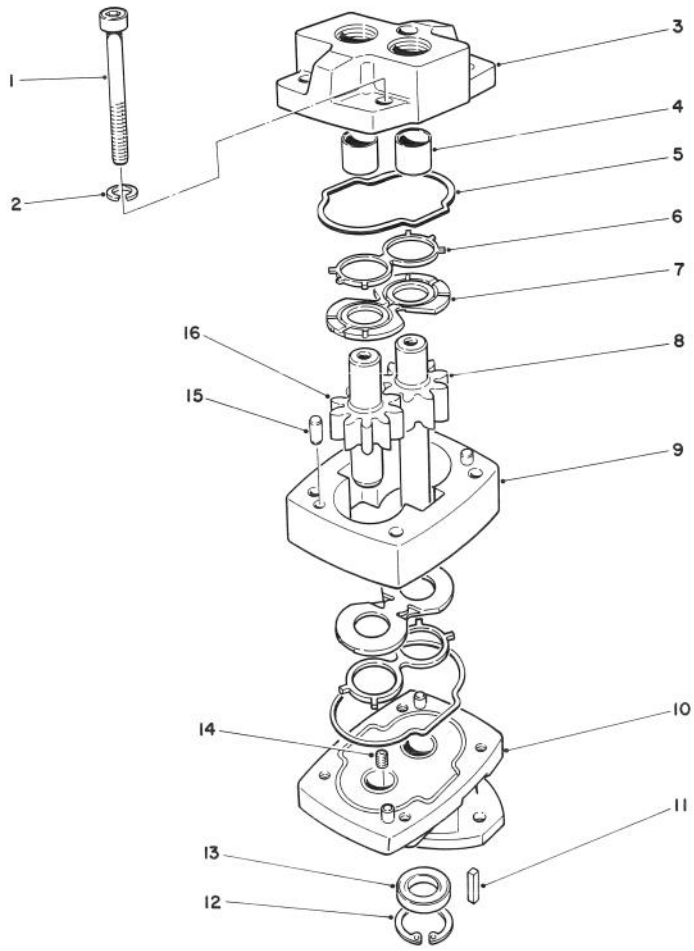
T–0336–90

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	88–9360	Hose – Hydraulic	4
9	88–9370	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	69–2780	Motor – Hydraulic	2
14	63–0660	Pulley – Wing Deck Drive	2

Ref. No.	Part No.	Description	No. Used
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
*	76–2060	V–Belt	6
*	3290–378	Tie – Cable	24

*Not Illustrated

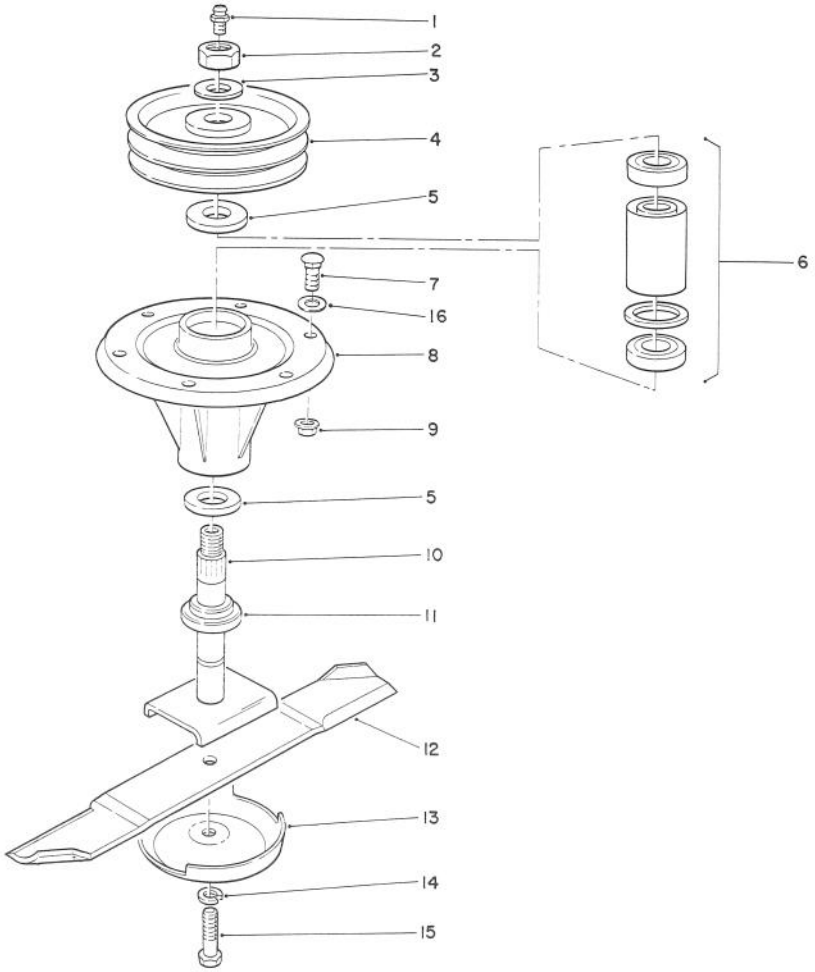


T–0386–90

HYDRAULIC MOTOR ASSEMBLY NO. 69–2780

Ref. No.	Part No.	Description	No. Used
1	69–2890	Screw – Hex. Socket Hd.	4
2	69–2910	Washer	4
3	69–2800	Cover Assembly (Incl. Ref. #4)	1
†4		Bushing – Sleeve	4
5	69–2920	Seal – Square	2
6	69–2850	Seal – Load	2
7	69–2840	Plate – Wear	2
8	69–2830	Shaft/Gear – Drive	1
9	69–2810	Plate – Gear	1
10	69–2790	Body Assembly (Incl. Ref. #4 & 14)	1
11	69–2880	Key – Square	1
12	69–2930	Ring – Retaining	1
13	69–2860	Seal – Oil	1
14	69–2900	Plug – Pipe	2
15	69–2870	Pin – Dowel	4
16	69–2820	Shaft/Gear – Idler	1
*	69–2940	Repair Kit (Incl. Ref. #5, 6 & 13)	1

*Not Illustrated
†Not serviced separately.



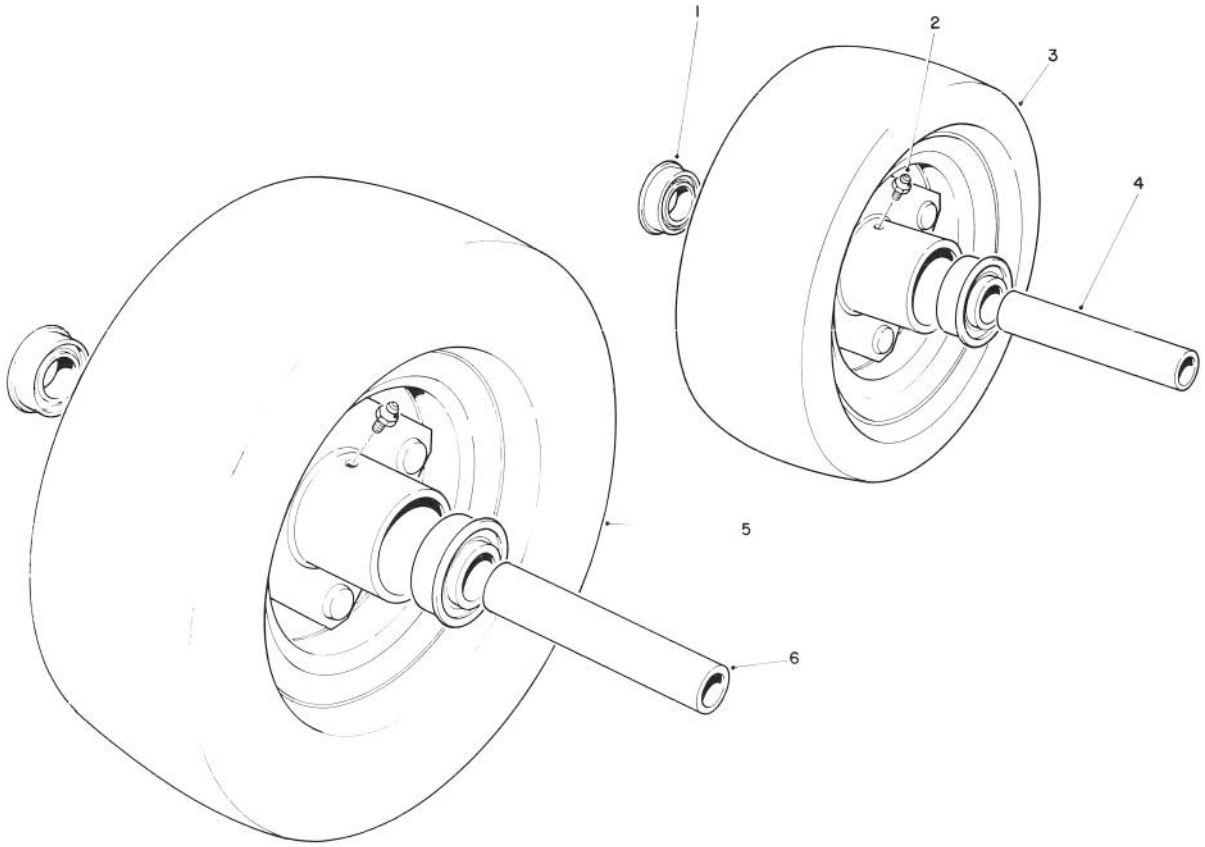
T–0337–90

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	69–6950	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–0992–90

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	15	2	1
3-3251	Spring – Compression	4	45	1
3-3710	Tie Rod Assembly	71	39	1
3-6498	Washer	80	34	1
3-6498	Washer – Flat	78	58	1
3-8514	Washer	89	3	1
3-8596	Spring – Compression	15	12	1
5-0838	Washer – Flat	76	18	16
5-0838	Washer – Flat	86	24	32
5-3177	Washer – Flat	19	7	1
5-3177	Washer – Flat	20	7	4
5-3637	Spacer – Terminal	19	4	1
5-3637	Washer – Flat	44	13	1
12-8900	Bolt – Shoulder	32	32	2
13-4239	Shroud – Fan	40	9	1
13-4969	Deck – Center	77	41	1
13-4979	Right Wing Deck Assembly	80	18	1
13-4989	Deck – Left Wing	79	12	1
13-4999	Deck – Wing R.H.	86	*	1
13-5009	Deck – Wing L.H.	86	20	1
13-5059	Arm – Outside Castor	86	19	2
13-5069	Arm – Castor L.H.	76	30	1
17-7190	Spacer	42	23	4
18-2770	Strap – Ground	68	23	1
19-1470	Bolt – Shoulder	77	13	4
20-4360	Tube – Spacer	74	16	2
20-4840	Clamp – Exhaust	42	12	2
20-4840	Clamp – Tube	22	15	2
20-9500	Spacer	4	14	2
21-0140	Joint – Ball	9	20	1
21-1830	Spring – Extension	7	23	1
21-2070	Yoke – End	32	8	2
21-3000	Nut – Jam	84	20	2
21-3000	Nut – Jam	74	38	2
21-3001	Nut – Jam L.H. Thread	84	3	2
23-1640	Bushing – Taper Lock	77	50	1
23-1640	Bushing – Taper Lock	87	15	2
23-2140	Hose – Radiator Vent	40	7	1
23-2270	Bushing – Rubber	9	15	1
23-7250	Spacer	68	35	1
23-7270	Nut – Lug	71	24	10
25-2630	Ring – Back Up	37	63	1
25-2630	Ring Back Up	36	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	65	3	1
27-7220	Detergent – Element	65	*	1
28-0380	Spacer	4	35	3
28-3580	Ring – Back Up	36	44	1
28-3590	Seal O-Ring	36	43	1
29-6150	Spring – Leaf	33	43	1
29-6163	Switch	25	77	1
29-6163	Switch – Micro	6	13	1
29-6163	Switch – Neutral	33	35	1
29-6170	Leaf Spring Assembly	33	38	1
30-8770	Washer – Flat	86	9	8
30-8770	Washer – Flat	76	32	2
31-0390	Washer – Friction	4	15	3
32-0140	Pin – Lynch	24	2	2
37-9560	Hose – Fuel	66	1	1
39-5710	Plug	2	13	21
39-7591	Thermo Switch Assembly	43	66	1
39-7592	Switch – Temperature	42	5	1
39-7592	Temperature Sending Unit	21	15	1
39-7650	Plate – Cover	82	59	2
40-0330	Cushion – Rubber	79	4	1
40-0330	Cushion – Rubber	80	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	80	12	2
40-9520	Spacer – Split	79	3	2
41-8760	Gasket – Pump	33	49	1
42-1720	Field Core Coil Assembly	9	5	1
42-6200	Shim – Cushion	79	*	A/R
42-6200	Shim – Cushion	80	*	A/R
43-4000	Breaker – Circuit 40A	11	10	1
43-5920	Washer – Lock	44	14	1
43-5970	Nut – Hex.	44	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 – Switch	14	12	2
43-6320	Collar – Locking	9	10	1
43-6420	Bezel	13	11	2
43-6420	Bezel – Switch	14	13	2
43-8480	Decal – Danger	79	24	1
43-8480	Decal – Danger	86	27	2
43-8480	Decal – Danger	80	32	1
43-8480	Decal – Danger	77	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	40	23	2
47-6990	Nut – Hex.	4	9	1
48-6260	Coupling – Spring Centering	42	26	1
48-7630	Screw	43	72	1
48-7710	Screw – Cap Hex. Hd.	33	10	8
48-7780	Screw – Cap Hex. Hd.	2	15	4
48-7780	Screw – Cap Hex. Hd.	42	32	6
48-7890	Nut – Hex.	43	73	1
48-7930	Nut – Lock	42	6	3
48-8070	Washer – Lock	42	2	16
48-8070	Washer – Lock	68	29	1
48-9470	Screw – Cap Hex. Hd.	42	25	8
48-9480	Screw – Cap Hex. Hd.	42	21	4
48-9570	Washer – Lock	42	7	3
48-9570	Washer – Lock	33	9	8
48-9590	Washer – Lock	42	22	16
49-0010	Washer	71	25	2
49-0170	Seal Kit	5	*	1
49-2500	Element Assembly	53	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	34	60	A/R
51-4060	Bolt – Blade	89	15	1
51-4910	Bolt	47	24	2
51-4910	Bolt	58	28	4
51-4920	Bolt	48	1	1
51-4950	Guide	49	18	8
51-5090	Plug	50	9	1
51-5260	Ring – Retaining	50	30	2
51-5280	Cap	50	12	8
51-5290	Cotter	50	13	16
51-5300	Retainer	50	14	8
51-5310	Seal	50	15	8
51-5350	Cap	49	21	1
51-5460	Key	52	16	1
51-5460	Key	50	26	1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
51-5470	Plate	50	25	1
51-5500	Bushing No. 1	51	5	1
51-5510	Bushing - No. 2	51	26	1
51-5520	Bushing - No. 3	51	27	1
51-5580	Hanger	51	2	1
51-5600	Cap	51	3	11
51-5640	Idler Shaft Assembly	51	36	1
51-5650	Pin	52	15	1
51-5650	Pin	51	21	6
51-5650	Pin	51	35	1
51-5840	Washer	49	12	1
51-5850	Cover	48	15	1
51-5860	Gasket	48	14	1
51-5890	Oil Seal Assembly	54	17	1
51-5950	Stud	54	2	2
51-5970	Nut	54	4	2
51-6350	Gear	52	3	1
51-6390	Washer	58	29	4
51-6390	Washer	51	33	1
51-6390	Washer - Lock	48	2	11
51-6390	Washer - Lock	54	3	13
51-6390	Washer - Lock	44	9	2
51-6390	Washer - Lock	58	9	2
51-6390	Washer - Lock	47	14	2
51-6390	Washer - Lock	47	18	4
51-6390	Washer - Lock	47	23	4
51-6390	Washer - Lock	53	27	4
51-6400	Plate	48	7	1
51-6430	Bushing	48	10	1
51-6480	Cover	51	9	1
51-6490	Gasket	51	10	1
51-6820	Washer	53	24	1
51-6830	Relief Valve Assembly	53	25	1
51-6890	Gasket	49	14	1
51-6890	Gasket - Plug	54	15	1
51-6910	Nut	47	32	1
51-6920	Washer - Lock	47	21	2
51-6920	Washer - Lock	47	31	1
51-6940	Ring	47	28	1
51-6950	Bearing	47	27	1
51-6960	Key	47	3	1
51-6980	Bearing	47	25	1
51-7020	Nipple	47	6	1
51-7030	Seal	47	10	1
51-7170	Pipe	47	8	1
51-7200	Clamp	47	42	2
51-7210	Gasket	47	2	2
51-7220	Gasket	47	38	1
51-7230	Thermostat	47	37	1
51-7250	Washer	55	1	4
51-7250	Washer	55	6	16
51-7250	Washer	51	8	2
51-7250	Washer	53	9	3
51-7250	Washer	51	38	1
51-7250	Washer - Lock	50	3	8
51-7250	Washer - Lock	44	4	1
51-7250	Washer - Lock	49	4	2
51-7250	Washer - Lock	54	8	28
51-7250	Washer - Lock	48	16	5
51-7250	Washer - Lock	50	24	2
51-7250	Washer - Lock	58	32	2
51-7250	Washer - Lock	47	34	4
51-7400	Washer	53	30	4
51-7400	Washer - Lock	58	16	6
51-7400	Washer - Lock	57	18	2
51-7600	Screw Set	45	4	1
51-7610	Packing	45	5	2
51-7630	Seal - Oil	45	24	1
51-7640	Lever Assembly	45	7	1
51-7650	Spring Assembly	45	8	1
51-7660	Bracket Assembly Center	45	9	1
51-7670	Solenoid	45	10	1
51-7690	Bearing	45	11	1
51-7720	Clutch Assy.	45	*	1
51-7730	Gear Pinion Assembly	45	2	1
51-7740	Retaining Ring Assembly	45	1	1
51-7750	Gear Assembly	45	*	1
51-7760	Shaft Assembly	45	23	1
51-7770	Gear - Pinion	45	22	1
51-7780	Cover Assembly	45	21	1
51-7790	Packing	45	20	2
51-7830	Cover - Rear	45	16	1
51-7840	Ring - Rubber	45	15	2
51-7850	Nut Assembly	46	1	1
51-7870	Screw Set	46	4	1
51-7890	Screw Set	46	5	1
51-7910	Rotor Assembly	46	10	1
51-7930	Stator	46	18	1
51-7950	Terminal Assembly	46	17	1
51-7960	Regulator Assembly	46	16	1
51-7970	Brush	46	15	2
51-8270	Washer	51	29	1
51-8280	Bolt	51	28	1
51-8590	Washer	44	3	1
51-8610	Washer - Lock	52	5	4
51-8610	Washer - Lock	44	11	2
51-8640	Bolt	44	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
56-7971	Clamp Half - Hydraulic Line	27	26	2
56-7972	Clamp Half - Hydraulic Line	27	20	4
56-7973	Clamp Half - Hydraulic Line	27	19	20
56-7973	Clamp Half - Hydraulic Line	25	44	4
56-7973	Clamp Half - Hydraulic Line	82	57	6
56-7974	Clamp - Hydraulic Lines	68	31	2
56-7974	Clamp Half - Hydraulic Line	81	2	2
56-7974	Clamp Half - Hydraulic Line	27	17	2
56-7974	Clamp Half - Hydraulic Line	43	77	2
56-7975	Clamp Half - Hydraulic Line	27	25	8
56-7978	Clamp Half - Hydraulic Line	21	42	6
58-3590	Pin - Flywheel	42	24	2
58-4250	Magnet	38	1	6
58-5620	Tube - Inner	28	*	1
58-6290	Poppet Assembly	17	34	3
58-6310	Spacer	17	28	3
58-6320	Wiper - Seal	17	24	3
58-6330	Seat Assy.	17	35	3
58-6340	Seal - O-Ring	17	36	3
58-6350	Plug Assembly	17	11	3
58-6370	Washer - Back-Up	17	10	6
58-6400	Bushing	17	25	3
58-6420	Cap Assembly	17	30	3
58-6440	Poppet	17	22	1
58-6450	Seal - O-Ring	17	12	6
58-6460	Ring - Retaining	17	29	3
58-6470	Washer	17	18	A/R
58-6480	Washer	17	19	A/R
58-6490	Washer	17	20	A/R
58-6700	Washer	17	26	3
58-6710	Plug Assy.	17	6	1
58-6720	Seal - O-Ring	17	7	1
58-6730	Spring	17	27	3
58-6750	Seal - O-Ring	17	17	1
58-6760	Spring	17	3	3
58-6770	Plunger - Detent	17	4	3
58-6780	Plug Assy.	17	1	3
58-6790	Seal - O-Ring	17	5	3
58-9160	Plug - Drain	20	18	1
59-6730	Race - Bearing	5	7	2

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
59–6740	Bearing – Needle Thrust	5	8	1
59–6810	Control Parts Assembly	5	*	1
59–6820	Centering Spring Kit	5	11	1
59–6830	Kit – Centering Pin	5	20	1
59–6850	Plate – Spacer	5	14	1
59–6860	Drive	5	15	1
59–6890	Cap – End	5	18	1
59–6910	Connector	44	6	1
59–7580	Nut – Hex.	23	24	8
59–7590	Washer – Lock	23	12	16
59–7970	Stud – Threaded	23	23	8
59–7990	Seal – Gland	23	3	4
59–8470	Retainer – Seal	23	4	4
59–8500	Gear/Shaft – Front Drive	23	17	1
59–8570	Seal – Shaft	23	22	1
59–8580	Ring – Retaining	23	21	1
59–8590	Seal – Shaft	23	20	1
59–8600	Gear – Driven	23	9	2
59–8610	Repair Kit	23	*	1
60–3780	Seal Kit	17	*	
60–3810	Shaft – Input	31	2	1
60–3830	Seal – Oil	31	4	1
60–3840	Cone – Bearing	31	5	1
60–3850	Cup – Bearing	31	6	2
60–3860	Bolt – Wheel	31	7	9
60–3870	Hub	31	8	1
60–3880	Cone – Bearing	31	9	1
60–3890	Bolt – Hex. Hd.	31	10	6
60–3900	Gear – Ring	31	24	1
60–3910	Washer – Flat	31	11	6
60–3930	Ring – Retaining	31	25	2
60–3940	Washer	31	26	2
60–3950	Spring – Disengage	31	27	1
60–3960	Primary Carrier Assembly	31	15	1
60–3970	Gear – Primary Sun	31	13	1
60–3980	Washer – Thrust	31	12	1
60–3990	Washer – Thrust	31	23	1
60–4000	Secondary Carrier Assy.	31	20	1
60–4010	Plunger – Disengage	31	22	1
60–4020	Seal – O–Ring	31	21	1
60–4030	Bolt – Hex. Hd.	31	17	8
60–4040	Plug – Pipe	31	16	1
60–4050	Cover – Large	31	19	1
60–4060	Cover – Disengage	31	18	1
60–4070	Bolt – Hex. Hd.	31	14	2
60–5210	Clamp	58	15	2
60–5340	Cover Assembly – Front	46	7	1
60–5360	Bearing	46	11	1
60–5370	Rectifier Assembly	46	13	1
60–5380	Cover Assembly – Rear	46	12	1
60–5720	Seal – O–Ring	17	9	6
60–6450	Disc	17	2	A/R
60–7040	Bolt	47	40	2
60–7110	Bolt	53	10	3
60–7110	Bolt	48	18	1
60–7110	Bolt	50	23	2
60–7110	Bolt	51	37	1
60–7120	Nut – Hex.	57	3	12
60–7160	Rivet	56	1	2
60–7210	Bolt	48	6	1
60–7280	Bolt	50	2	4
60–7280	Bolt	49	3	2
60–7280	Bolt	51	7	2
60–7280	Bolt	54	9	23
60–7280	Bolt	58	31	2
60–7280	Bolt	47	35	1
60–7290	Bolt	53	29	4
60–7370	Bolt	55	2	4
60–7370	Bolt	44	5	1
60–7370	Bolt	55	7	16
60–7370	Bolt	54	12	5
60–7480	Bolt	58	10	2
60–7480	Bolt	53	26	4
60–9760	Nut – Lock	75	11	1
60–9760	Nut – Lock	83	13	1
60–9770	Piston	75	10	1
61–2790	Filler – Screen	20	34	1
61–4990	Ring – Retaining	75	3	1
62–5550	Decal	4	47	1
62–6450	Kit – Retaining Ring	31	28	1
62–6460	Sealant – RTV (Tube)	31	*	1
62–7650	Gasket – Level Sensing Unit	19	1	1
63–0660	Pulley – Drive	77	51	1
63–0660	Pulley – Wing Deck Drive	87	14	2
63–1540	Pulley – Idler	77	15	3
63–1540	Pulley – Idler	87	24	6
63–4740	Bolt	49	7	17
63–7430	Gauge – Temperature	13	8	1
63–7590	Relay	68	19	1
63–8280	Head – Fuel Filter	66	4	1
63–8290	Vent – Air	66	5	1
63–8310	Valve – Drain	66	8	1
63–8360	Key – Ignition	14	11	1
66–1340	Decal – Danger	79	23	1
66–1340	Decal – Danger	80	33	1
66–1340	Decal – Danger	86	37	2
66–2490	Hold–Down – Battery	68	16	2
66–2940	Gauge – Fuel	13	25	1
66–2950	Hourmeter	13	26	1
66–3241	Cap – Radiator	40	5	1
66–5400	Assembly – Seat	1	1	1
66–6140	Decal – TORO	39	27	1
66–8530	Track – Adjustment	2	3	1
67–4510	Sending Unit – Temperature	42	4	1
67–5360	Decal – Danger	79	25	1
67–5360	Decal – Danger	80	31	1
67–5360	Decal – Danger	86	39	4
67–7160	Block – Fuse	11	24	4
67–7561	Cup – Anti Scalp	89	13	1
67–9550	Cushion – Seat	1	17	1
67–9560	Shell – Seat	1	2	1
68–6150	Breather	40	50	1
68–7571	Strip – Sealing	20	24	1
68–7572	Strip – Sealing	19	18	1
68–8080	Wheel – Steering	4	10	1
69–0030	Spring – Compression	32	30	2
69–0040	Foam – Lower Grille	38	20	1
69–0060	Screw – Cap Hex. Hd.	68	28	1
69–0060	Screw – Cap Hex. Hd.	42	39	16
69–0090	Pin – Clevis Engine End	15	*	1
69–0100	Frame – Assembly	25	49	1
69–0750	Switch – Brake	7	22	1
69–0760	Bracket – Rest, Arm L.H.	1	*	1
69–0770	Bracket – Rest, Arm R.H.	1	18	1
69–0820	Decal – H.O.C.	78	57	1
69–0880	Decal – Torque	76	31	1
69–0880	Decal – Torque	86	38	2
69–0890	Decal – Belt Routing L.H.	86	36	1
69–0900	Decal – Belt Routing R.H.	86	*	1
69–0920	Decal – Hydraulic Oil	27	8	1
69–0930	Decal – Warning	19	12	1
69–0940	Decal – Caution	27	39	1
69–0950	Decal – 580D	39	26	2
69–0960	Panel – Diagnostic	26	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	38	8	1
69–1140	Louver – Lower	38	31	1
69–1170	Gauge – Sight	20	2	1
69–1180	Armrest	1	20	2
69–1260	Spacer	1	19	4
69–1380	Panel – Side R.H.	39	*	1
69–1390	Panel – Side L.H.	39	12	1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
69-1510	Spacer – Caster	76	2	12
69-1510	Spacer – Castor	86	35	48
69-1530	Housing – Spindle	89	8	1
69-1540	Pivot – Spring	74	34	1
69-1560	Lever – Lock	4	1	1
69-1580	Anchor – Latch L.H.	82	55	1
69-1600	Anchor – Latch R.H.	82	*	1
69-1610	Adapter – Suction Hose	20	8	1
69-1630	Arm – Latch Pivot	84	12	4
69-1640	Radiator	40	12	1
69-1650	Screen – Suction	20	17	1
69-1660	Mount – Engine	42	40	4
69-1670	Cooler – Oil	40	32	1
69-1680	Fan	43	62	1
69-1690	Clutch – Fan	43	64	1
69-1700	Hydraulic Filter Assembly	21	19	1
69-1710	Indicator – Filter	21	25	1
69-1720	Element – Filter	21	21	
69-1730	Planetary Gear Drive Assy.	28	32	2
69-1740	Spindle	31	3	1
69-1750	Fuel Filter Assembly	42	44	1
69-1750	Fuel Filter Assembly	66	*	1
69-1760	Sensor – Water	66	9	1
69-1770	Element – Spin-On	66	11	1
69-1780	Lift Valve Assembly	16	2	1
69-1790	Plunger	17	37	2
69-1800	Plug Assembly	17	32	3
69-1810	Spring	17	33	3
69-1820	Spring – Black	17	21	1
69-1830	Plug Assembly	17	16	1
69-1840	Plunger	17	31	1
69-1850	Valve – Power Steering	4	28	1
69-1860	Gerotor	5	16	1
69-1870	Screw – Cap	5	19	7
69-1880	Spacer	5	17	1
69-1890	Air Cleaner Assembly	42	15	1
69-1900	Element Assembly	65	5	1
69-1910	Clamp Assembly	65	4	1
69-1920	Baffle	65	2	1
69-1930	Cup Assembly	65	1	1
69-1940	Indicator – Electrical	43	71	1
69-1950	Band – Air Cleaner	42	28	2
69-1960	Cylinder – Steering	71	42	2
69-1960	Steering Cylinder (Complete)	73	*	2
69-1970	Joint – Ball	73	17	1
69-1980	Nut – Jam	73	16	1
69-1990	Nut – Lock	73	14	1
69-2000	Piston	73	11	1
69-2020	Rod – Piston	73	4	1
69-2030	Ring – Head	73	7	1
69-2050	Hydraulic Pump Assembly	22	8	1
69-2060	Shaft End Cover Assembly	23	18	1
69-2070	Plate – Flex	23	5	4
69-2080	Center Section Assembly	23	7	2
69-2090	Gear/Shaft – Rear Drive	23	8	1
69-2100	Rear Cover Assembly	23	11	1
69-2110	Coupling	23	1	1
69-2120	Seal – O-Ring	23	10	2
69-2130	Plug	23	19	1
69-2140	Screw – Cap Hex. Hd.	23	14	4
69-2150	Screw – Cap Hex. Hd.	23	13	4
69-2160	Port Section Assembly	23	16	1
69-2170	Adapter Section Assembly	23	2	1
69-2180	Cylinder – Hydraulic	74	7	2
69-2200	Seal – O-Ring	23	6	2
69-2210	Seal – O-Ring	23	15	1
69-2220	Pump/Valve	33	52	1
69-2230	Flow Divider Assembly	35	30	1
69-2240	Screw	35	32	4
69-2250	Bearing – Sleeve	35	20	4
69-2260	Seal – Load	35	17	1
69-2270	Seal – Pre-Load	35	18	1
69-2280	Shaft/Gear – Idler	35	15	1
69-2290	Shaft/Gear – Drive	35	28	1
69-2300	Ring – Retaining	35	26	1
69-2310	Seal – Shaft	35	27	1
69-2320	Plate – Wear	35	16	1
69-2330	Body Assembly	35	21	1
69-2340	Pin – Dowel	35	14	2
69-2350	Ring – Sealing	35	19	1
69-2360	Screw	35	23	4
69-2370	Washer	35	22	4
69-2380	Screw	35	24	4
69-2390	Washer	35	25	4
69-2400	Seal – O-Ring	35	29	1
69-2410	Plug	35	1	2
69-2420	Seal – O-Ring	35	2	2
69-2430	Spring – Compression	35	5	1
69-2440	Orifice	35	4	1
69-2450	Piston	35	3	1
69-2460	Cap	35	6	1
69-2470	Gasket – Cap	35	7	1
69-2480	Screw – Set	35	8	1
69-2490	Spring – Compression	35	9	1
69-2500	Poppet	35	10	1
69-2510	Seat	35	11	1
69-2520	Plug – Pipe	35	31	1
69-2530	Seal – O-Ring	35	12	1
69-2540	Cover Assembly	35	13	1
69-2550	Repair Kit – Pump	35	*	1
69-2560	Repair Kit – Pump & Divider	35	*	1
69-2570	Head	75	4	1
69-2580	Shaft w/clevis	75	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
69-2780	Motor – Hydraulic	77	11	1
69-2780	Motor – Hydraulic	87	13	2
69-2790	Body Assembly	88	10	1
69-2800	Cover Assembly	88	3	1
69-2810	Plate – Gear	88	9	1
69-2820	Shaft/Gear – Idler	88	16	1
69-2830	Shaft/Gear – Drive	88	8	1
69-2840	Plate – Wear	88	7	2
69-2850	Seal – Load	88	6	2
69-2860	Seal – Oil	88	13	1
69-2870	Pin – Dowel	88	15	4
69-2880	Key – Square	88	11	1
69-2890	Screw – Hex. Socket Hd.	88	1	4
69-2900	Plug – Pipe	88	14	2
69-2910	Washer	88	2	4
69-2920	Seal – Square	88	5	2
69-2930	Ring – Retaining	88	12	1
69-2940	Repair Kit	88	*	1
69-2960	Hub – Rear Wheel	71	19	2
69-2970	Cap – Hub	71	27	2
69-2980	Seal – Inner	71	32	2
69-2990	Screw – Drive	71	18	10
69-3010	Strap – Hold Down	39	6	4
69-3020	Handle – Latch	38	16	2
69-3020	Latch	40	20	8
69-3030	Strike – Latch	38	13	8
69-3040	Variable Displacement Pump	33	1	1
69-3050	Motor – Hydraulic Wheel	29	44	2
69-3070	Washer – Lock	37	62	10
69-3070	Washer – Plain	30	2	10
69-3080	Plug	37	60	6
69-3090	Adapter – Suction	37	79	1
69-3100	Screw	37	82	1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
69–3110	Screw	37	73	2
69–3120	Plug	37	95	1
69–3130	Plug	36	9	1
69–3130	Plug – Hole	30	33	1
69–3140	Bracket – Lifting	37	58	1
69–3150	Screw – Hex. Hd.	37	61	10
69–3150	Screw Hex. Hd.	30	1	10
69–3160	Seal –O–Ring	37	74	3
69–3170	Ring – Retaining	30	19	2
69–3170	Ring – Retaining	36	31	2
69–3180	Shaft Pump	36	37	1
69–3190	Seal – Lip	30	18	1
69–3190	Seal – Lip	36	30	1
69–3200	Ring – Retaining	30	17	2
69–3200	Ring – Retaining	36	29	2
69–3210	Bearing – Ball	30	20	1
69–3210	Bearing – Ball	36	32	1
69–3220	Screw	36	28	1
69–3230	Pin – Spring	36	12	1
69–3230	Pin – Spring	30	32	1
69–3240	Bearing – Journal	36	25	2
69–3250	Swashplate – Variable	36	24	1
69–3360	Plate – Valve L.H.	36	40	1
69–3370	Bearing – Needle	36	13	1
69–3370	Bearing – Needle	30	31	1
69–3390	Gerotor Assembly	37	89	1
69–3400	Screw Hex. Hd.	37	83	3
69–3410	Adapter – A Flange	37	85	1
69–3420	Ring – Temper Load	37	86	1
69–3430	Key – Woodruff	37	84	1
69–3440	Seal – O–Ring	37	87	1
69–3450	Pin	30	30	1
69–3450	Pin	36	41	1
69–3460	Plug Expansion	37	80	1
69–3470	Pin	36	36	1
69–3500	Bearing – Sleeve	30	13	1
69–3500	Sleeve – Bearing	36	34	1
69–3510	Pin	30	14	1
69–3510	Pin	36	35	1
69–3520	Pin	36	26	2
69–3520	Pin – Spring	30	23	2
69–3530	Plug – Orifice	37	75	1
69–3540	Cover – Gerotor	37	88	1
69–3550	Pin	37	81	1
69–3560	Seal – O–Ring	30	38	2
69–3560	Seal – O–Ring	37	55	2
69–3570	Ring – Piston	30	39	2
69–3570	Ring – Piston	37	56	2
69–3580	Guide – Spring	36	8	1
69–3590	Ring – Retaining	36	7	1
69–3600	Nut – Hex.	36	6	1
69–3610	Nut – Jam	36	5	1
69–3620	Cover – Servo Adjustment	36	1	1
69–3630	Nut Special	36	2	1
69–3640	Cover –Servo	36	3	1
69–3650	Piston – Servo	36	53	1
69–3660	Screw – Special	37	91	1
69–3670	Spring – Compression Servo	37	93	1
69–3680	Stop – Servo	37	92	1
69–3690	Bearing	37	54	2
69–3700	Guide – Spring	37	90	1
69–3710	Gasket – Servo	36	4	2
69–3710	Gasket – Servo Cover	30	41	2
69–3720	Cover – Servo	30	43	2
69–3720	Cover Servo	37	57	1
69–3730	Valve – Relief	37	78	2
69–3740	Spring – Compression	37	72	2
69–3750	Seal –O–Ring	37	77	2
69–3760	Plug Special	37	71	2
69–3770	Shim	37	69	1
69–3780	Plug	37	67	1
69–3790	Spring Compression	37	70	1
69–3800	Valve	37	65	1
69–3810	Valve – By Pass	37	66	1
69–3820	Sleeve – Control Valve	36	42	1
69–3830	Spool – Rotary Valve	36	46	1
69–3840	Seal – O–Ring	36	52	1
69–3860	Screw – Flange Hd.	36	49	1
69–3870	Handle – Control Valve	36	50	1
69–3880	Spring – Neutral Return	36	45	1
69–3890	Bracket – Neutral Return	36	48	1
69–3900	Washer	36	51	1
69–3910	Cylinder Block Assembly	36	39	1
69–3910	Cylinder Block Kit	30	27	1
69–3920	Piston Ring & O–Ring Kit	30	*	1
69–3940	Plug	30	29	1
69–3950	Shaft – Motor	30	25	1
69–3960	Screw	30	21	1
69–3970	Bearing – Journal	30	22	2
69–3980	Swashplate – Variable	30	24	1
69–3990	Plate – Motor Valve	30	28	1
69–4020	Piston – Servo	30	37	1
69–4030	Spring – Servo	30	40	1
69–4040	Stop – Servo Piston	30	42	1
69–4060	Counterbalance Manifold	18	*	1
69–4060	Counterbalance Manifold	16	26	1
69–4070	Manifold – Counter Balance	18	14	1
69–4080	Valve – Hydraulic Cartridge	18	1	1
69–4090	Valve – Hydraulic Cartridge	18	36	1
69–4100	Valve – Hydraulic Cartridge	18	15	1
69–4110	Valve – Hydraulic Cartridge	18	30	2
69–4120	Valve – Hydraulic Cartridge	18	10	1
69–4130	Plug – Orifice .047	18	39	2
69–4140	Plug – Orifice .120	18	38	1
69–4150	PTO Manifold Assembly	70	*	1
69–4150	PTO Manifold Assembly	68	1	1
69–4160	Manifold – PTO	69	29	1
69–4170	Valve – Cartridge (600 lbs)	69	5	3
69–4180	Valve – Cartridge (3000 lbs)	69	8	3
69–4190	Valve – Cartridge (20 lbs)	69	40	3
69–4200	Valve – Cartridge (75 lbs)	69	38	3
69–4220	Plug – Orifice	70	47	1
69–4230	Cartridge Valve Seal Kit	70	*	6
69–4230	Kit – Seal	18	2	2
69–4240	Kit – Seal	18	11	1
69–4250	Kit – Seal	18	29	3
69–4260	Solenoid Valve Seal Kit	70	*	3
69–4270	Cartridge Valve Seal Kit	70	*	6
69–4280	Tube – Hydraulic Vent	20	33	1
69–4320	Fitting – Hydraulic 90°Elbow	77	8	1
69–4330	Solenoid Valve Assembly	67	*	1
69–4340	Spring – Return	67	6	1
69–4350	Ring – Retaining	67	4	1
69–4360	Boot – Rubber	67	3	1
69–4370	Stud – Threaded	67	2	1
69–4400	Carrier –Wing Deck	82	54	1
69–4780	Clamp – Gauge	13	23	2
69–5350	Hose – Air Cleaner Inlet	42	13	1
69–5360	Hose – Air Cleaner	42	17	1
69–5370	Hose – Auxiliary Suction	20	14	1
69–5380	Hose – Upper Radiator	40	4	1
69–5390	Hose – Lower Radiator	40	10	1
69–5410	Manifold – Return	21	10	1
69–5430	Pulley – Idler	80	7	1
69–5430	Pulley–Idler	77	25	1
69–5440	Hose – Hydraulic	74	12	3
69–5440	Hose – Hydraulic	21	30	1
69–5440	Hose – Hydraulic	34	58	1
69–5450	Hose – Hydraulic	34	56	1
69–5460	Hose – Hydraulic	33	18	1
69–5460	Hose – Hydraulic	21	14	1
69–5470	Hose – Hydraulic	24	16	1
69–5470	Hose – Hydraulic	34	57	1
69–5480	Hose – Hydraulic	24	17	1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
69-5480	Hose – Hydraulic	34	59	1
69-5490	Hose – Cylinder	81	39	4
69-5500	Hose – Hydraulic	4	33	4
69-5510	Hose – Hydraulic	71	1	4
69-5590	Hose – Hydraulic	69	1	2
69-5590	Hydraulic Hose Assembly	22	1	2
69-5600	Hose – Hydraulic	69	9	1
69-5610	Hose – Hydraulic	69	17	1
69-5620	Hose – Hydraulic	40	29	1
69-5640	Hose – Hydraulic	22	12	1
69-5640	Hose – Suction	20	12	1
69-5650	Hose – Hydraulic	21	18	1
69-5650	Hose – Hydraulic	33	22	1
69-5660	Hose – Hydraulic	24	11	2
69-5660	Hose – Hydraulic Diagnostic	26	5	1
69-5660	Hose – Hydraulic Diagnostic	18	25	1
69-5661	Hose – Hydraulic Diagnostic	26	11	1
69-5662	Hose – Diagnostic	69	44	2
69-5662	Hose – Hydraulic Diagnostic	26	9	2
69-5663	Hose – Diagnostic	25	69	1
69-5663	Hose – Hydraulic	33	50	1
69-5664	Hose – Diagnostic	25	70	1
69-5664	Hose – Hydraulic Diagnostic	26	7	1
69-5665	Hose – Hydraulic Diagnostic	26	10	1
69-5670	Cable – Brake	6	22	2
69-5680	Tube – Hydraulic	16	20	1
69-5680	Tube – Hydraulic	18	9	1
69-5690	Tube – Hydraulic	24	7	1
69-5700	Tube – Hydraulic	16	18	1
69-5710	Tube – Hydraulic	18	20	1
69-5720	Tube – Hydraulic	16	17	1
69-5730	Tube – Hydraulic	18	33	1
69-5740	Tube – Hydraulic	16	19	1
69-5760	Hose – Hydraulic L.H.	28	8	2
69-5770	Hose – Hydraulic R.H.	28	*	2
69-5790	Tube – Hydraulic	24	37	1
69-5800	Tube – Hydraulic	20	20	1
69-5800	Tube – Hydraulic	27	28	1
69-5810	Tube – Hydraulic Return	25	*	1
69-5820	Tube – Hydraulic	18	31	1
69-5830	Tube – Hydraulic	18	32	1
69-5850	Tube – Hydraulic	18	18	1
69-5860	Tube – Hydraulic	16	16	1
69-5860	Tube – Hydraulic	18	34	1
69-5870	Tube – Hydraulic	16	22	1
69-5870	Tube – Hydraulic	18	28	1
69-5880	Tube – Hydraulic	24	39	1
69-5890	Tube – Hydraulic	18	5	1
69-5890	Tube – Hydraulic	16	21	1
69-5900	Tube – Hydraulic	40	31	1
69-5910	Tube – Hydraulic	18	19	1
69-5910	Tube – Hydraulic Diagnostic	26	6	1
69-5920	Tube – Diagnostic	26	8	1
69-5920	Tube – Hydraulic	18	37	1
69-5930	Tube – Hydraulic R.H.	28	*	1
69-5940	Tube – Hydraulic L.H.	28	2	1
69-5950	Tube – Hydraulic	21	32	1
69-5950	Tube – Hydraulic	25	57	1
69-5970	Tube – Hydraulic R.H.	81	*	1
69-5980	Tube – Hydraulic L.H.	81	21	1
69-5990	Tube – Hydraulic	21	12	1
69-5990	Tube – Hydraulic	82	53	1
69-6000	Tube – Hydraulic	21	11	1
69-6000	Tube – Hydraulic	82	49	1
69-6010	Tube – Hydraulic	72	50	1
69-6020	Tube – Hydraulic	72	51	1
69-6030	Tube – Hydraulic	24	35	1
69-6030	Tube – Hydraulic	82	46	1
69-6040	Tube – Hydraulic	24	34	1
69-6040	Tube – Hydraulic	82	50	1
69-6050	Tube – Hydraulic	24	33	1
69-6050	Tube – Hydraulic	82	51	1
69-6060	Tube – Hydraulic	24	38	1
69-6060	Tube – Hydraulic	82	47	1
69-6070	Tube – Hydraulic	27	36	1
69-6070	Tube – Hydraulic	82	48	1
69-6080	Tube – Hydraulic	27	35	1
69-6080	Tube – Hydraulic	82	52	1
69-6090	Tube – Hydraulic	27	27	1
69-6100	Tube – Hydraulic Pressure	25	50	1
69-6110	Hydraulic Tube Assembly	22	13	1
69-6120	Tube – Hydraulic	27	16	1
69-6130	Tube – Hydraulic	27	15	1
69-6140	Tube – Hydraulic	69	45	1
69-6140	Tube – Hydraulic R.H.	81	*	1
69-6150	Tube – Hydraulic	69	46	1
69-6150	Tube – Hydraulic R.H.	81	*	1
69-6160	Tube – Hydraulic	69	11	1
69-6170	Tube – Hydraulic	69	21	1
69-6170	Tube – Hydraulic L.H.	81	6	1
69-6180	Tube – Hydraulic	69	20	1
69-6180	Tube – Hydraulic L.H.	81	22	1
69-6190	Tube – Hydraulic	24	23	1
69-6200	Tube – Hydraulic	24	22	1
69-6220	Hex.–Belt – Deck Drive	78	*	1
69-6240	Fitting – Hydraulic 90°	22	3	2
69-6250	Engine – Assembly	42	9	1
69-6260	Magnet	11	6	1
69-6260	Magnet – Cover	79	15	2
69-6260	Magnet – Cover	80	15	2
69-6260	Magnet – Cover	77	32	4
69-6260	Magnet – Cover	87	20	8
69-6340	Plate – Motor Mounting R.H.	87	*	1
69-6360	Plate – Motor Mounting L.H.	87	3	1
69-6390	Plate – Gearbox	77	52	1
69-6420	Bar – Lift L.H.	86	18	1
69-6470	Bushing – Flange	85	5	8
69-6470	Bushing – Flange	71	6	6
69-6470	Bushing – Flange	86	16	20
69-6470	Bushing – Flange	76	26	4
69-6470	Bushing – Flange	74	29	4
69-6470	Bushing – Flange	81	30	4
69-6480	Bar – Lift R.H.	86	*	1
69-6490	Plate – Tension	77	43	1
69-6550	Arm – Tension	77	38	1
69-6610	Arm – Idler	77	23	1
69-6610	Idler Arm Assembly	80	27	1
69-6640	Hinge – Left Front	79	13	1
69-6670	Hinge – Left Rear	79	17	1
69-6690	Hinge – Right Front	80	28	1
69-6710	Hinge – Right Rear	80	23	1
69-6730	Skid	79	7	1
69-6730	Skid	86	21	4
69-6730	Skid	80	29	1
69-6760	Shaft – Spindle	89	10	1
69-6780	Cover – Center Left	77	30	1
69-6790	Cover – Center Right	78	54	1
69-6800	Cover – Inner L.H.	87	1	1
69-6810	Cover – Outer L.H.	87	16	1
69-6820	Cover – Inner R.H.	87	*	1
69-6830	Cover – Outer R.H.	87	*	1
69-6840	Cover – Right Wing	80	2	1
69-6850	Cover – Left Wing	79	22	1
69-6860	Washer – Castor	76	25	8
69-6860	Washer – Thrust	86	33	28
69-6870	Plate – Magnet	80	3	2
69-6870	Plate – Magnet	87	18	8
69-6870	Plate – Magnet	79	21	2
69-6870	Plate – Magnet	77	31	4
69-6890	Spacer – Spring	77	47	1
69-6900	Shaft – Hinge	79	14	1
69-6900	Shaft – Hinge	80	20	1
69-6910	Bracket – Support	80	11	1
69-6910	Bracket – Support	79	19	1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
69–6920	Blade – 20	89	12	1
69–6950	Spacer – Spindle	89	11	1
69–6960	Spacer – Idler	77	14	4
69–6960	Spacer – Idler	87	23	6
69–6970	Spacer – Idler	80	17	1
69–6970	Spacer – Idler	77	26	1
69–6980	Valve – Check	4	38	1
69–6990	Lever – Valve Mid.	16	*	1
69–7000	Lever – Valve R.H.	16	*	1
69–7010	Lever – Valve L.H.	16	5	1
69–7040	Holder – Cup	11	13	1
69–7100	Support – Radiator Lower	40	24	1
69–7120	Grille – Upper	38	27	1
69–7150	Grille – Lower	38	23	1
69–7170	Clevis – Deck	86	10	2
69–7200	Tube – Vent	19	14	1
69–7210	Tube – Latch	84	5	2
69–7290	Mount – Ball Joint	76	5	2
69–7360	Spindle – Wheel R.H.	71	*	1
69–7370	Spindle – Wheel L.H.	71	17	1
69–7420	Axle – Rear	71	16	1
69–7570	Bracket – Front Engine	42	*	1
69–7580	Bracket – Front Engine	42	42	1
69–7610	Bracket – Muffler	42	18	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	16	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.	74	27	2
69–7940	Support – Lift Arm R.H.	74	4	2
69–7960	Support – Axle	71	12	2
69–8040	Arm – Throttle	15	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.	39	17	1
69–8250	Bracket – Trim R.H	39	20	1
69–8290	Frame – Battery	68	33	1
69–8390	Pulley – Spindle	89	4	1
69–8410	Screw – Cap Hex. Hd.	42	34	4
69–8420	Washer – Lock	42	35	4
69–8430	Hose – Hydraulic	40	18	2
69–8440	Hose – Hydraulic	74	9	1
69–8440	Hose – Hydraulic	21	31	1
69–8450	Hose – Hydraulic	40	30	1
69–8460	Fitting – Hydraulic Straight	43	55	2
69–8470	Spring – Torsion	74	32	1
69–8480	Spring – Compression	84	6	2
69–8490	Bracket – Throttle Cable	42	36	1
69–8500	Shim – Hinge Bracket	39	21	6
69–8510	Cover – Steering Tower	4	41	1
69–8520	Bracket – Hinge	39	28	2
69–8590	Support – Radiator Upper	40	2	1
69–8650	Cowl – Radiator	38	10	1
69–8690	Support – Grille	38	15	1
69–8750	Arm – Brake	7	1	1
69–8790	Plate – Reinforcing	76	4	2
69–8790	Plate – Reinforcing	86	4	2
69–8830	Arm – Inside Castor	86	1	2
69–8860	Arm – Castor R.H.	76	7	1
69–8890	Cap – Spindle	71	13	2
69–8900	Spacer	25	52	2
69–8910	Washer	32	3	2
69–8910	Washer	25	51	4
69–8920	Washer	27	4	4
69–8930	Washer	24	26	4
69–8940	Washer	24	5	12
69–8940	Washer	81	16	20
69–8950	Spacer	27	5	2
69–8960	Spacer	24	27	2
69–8970	Spacer	81	17	10
69–8970	Spacer	24	31	6
69–8980	Washer	27	30	8
69–8990	Spacer	27	33	4
69–9000	Spacer	81	9	4
69–9010	Washer	81	10	8
69–9020	Nut – Special	33	26	1
69–9030	Post – Neutral Device	9	14	1
69–9040	Cam – Neutral Device	33	31	1
69–9050	Bar – Neutral Device	33	45	1
69–9070	Bracket – Clamp	43	58	1
69–9080	Pin – Latch	74	30	1
69–9080	Pin – Latch	84	13	8
69–9090	Roller – Latch	84	16	4
69–9100	Washer – Latch	84	7	2
69–9110	Rod – Engine Run Solenoid	42	49	1
69–9120	Rod – Hood Prop	68	5	1
69–9130	Bracket – Throttle	15	11	1
69–9140	Link – Valve Lever	16	6	3
69–9150	Shaft – Valve Lever	16	9	1
69–9160	Bracket – Brake Switch	7	21	1
69–9170	Shaft – Cruise Control	9	3	1
69–9180	Pin – Cylinder	74	17	2
69–9190	Bushing – Cylinder	81	38	2
69–9190	Tube – Cylinder Bushing	74	15	2
69–9200	Pin – Brake Pawl	6	8	1
69–9210	Lever – Brake Latch	6	4	1
69–9220	Support – Tube Clamp	22	17	2
69–9230	Shaft – Steering Pivot	4	2	1
69–9240	Roller – Cam	85	16	2
69–9250	Shaft – Roller	85	18	2
69–9260	Pin – Clevis	76	29	2
69–9290	Pad – Bumper	77	17	2
69–9300	Cushion – Rubber	85	8	2
69–9300	Cushion – Rubber	81	34	2
69–9300	Cushion – Rubber	25	41	2
69–9310	Plate – Lever	14	20	1
69–9330	Cover	27	1	1
69–9340	Rod – Brake	7	15	1
69–9350	Bracket – Hood Prop Rod	68	2	1
69–9360	Bracket – Fuel Filter	43	53	1
69–9370	Louver – Top	38	6	2
69–9390	Shaft – Pedal	9	11	1
69–9400	Bracket – Hose Support	72	49	1
69–9420	Muffler	42	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.	81	7	1
69–9460	Bracket – Wing Hose R.H.	81	*	1
69–9470	Cover – Access	25	63	1
69–9480	Bracket – Neutral Device	33	28	1
69–9520	Panel – Rear	39	9	1
69–9530	Bracket – Air Cleaner	42	29	1
69–9540	Bracket – Steering Gear	4	18	1
69–9550	Plate – Adapter	42	31	1
69–9560	Housing – Control	11	1	1
69–9570	Front Lift Arm Assy. R.H.	74	43	1
69–9580	Front Lift Arm Assy. L.H.	74	39	1
69–9650	Screen – Cowl	38	9	2
69–9670	Cam – Spring Trip	84	21	2
69–9680	Shaft – Latch	84	10	2
69–9690	Block – Latch Pivot	84	11	2
69–9700	Mount – Rubber	86	5	8
69–9710	Nut – Lock	43	63	4
69–9720	Strip – Sealing	38	28	2
69–9721	Strip – Sealing	38	18	3

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
69-9722	Trim – Sealing	38	35	1
69-9723	Seal – Hood Bottom	39	15	2
69-9724	Seal – Hood Front	39	29	1
69-9730	Switch – Toggle	14	18	1
69-9740	Switch – Toggle	14	14	1
69-9760	Plate – Cover	27	10	7
69-9761	Plate – Clamp	68	36	1
69-9761	Plate – Cover	81	13	1
69-9761	Plate – Cover	27	14	1
69-9761	Plate – Cover	21	43	3
69-9761	Plate – Cover	43	78	1
69-9800	Tire	28	28	2
69-9810	Joint – Ball	73	2	1
69-9880	Tire	71	22	2
69-9940	Nut – Jam	28	40	4
69-9950	Spring – Extension	28	37	4
69-9960	Link	28	36	4
69-9970	Stud	28	35	4
69-9980	Ball	28	39	6
69-9990	Disc – Actuating	28	38	4
70-2800	Pulley Assembly	46	2	1
70-2810	Spring – Return	46	14	2
70-2820	Bolt	58	21	2
70-2830	Bolt	58	20	3
70-2830	Bolt – Cap Hex. Hd.	57	17	2
70-2840	Bolt	58	17	1
70-2850	Bolt	47	22	2
70-2850	Bolt	59	42	4
70-2860	Bolt	48	17	4
70-2860	Bolt	47	33	1
70-2870	Bolt	50	1	4
70-2880	Bolt	52	6	4
70-2890	Bolt	47	15	2
70-2890	Bolt	51	34	1
70-2900	Bolt	54	18	11
70-2900	Bolt	47	19	1
70-2910	Bolt	47	4	1
70-2920	Bolt	47	20	3
70-2930	Bolt	48	19	9
70-2930	Bolt	49	22	4
70-2940	Bolt	44	12	2
70-2950	Stud	47	30	4
70-2960	Nut	58	23	2
70-2970	Nut	50	4	8
70-2980	Nut	58	39	4
70-2990	Washer	48	3	1
70-2990	Washer	47	16	1
70-2990	Washer	53	28	4
70-2990	Washer	58	30	4
70-3000	Pin	51	4	2
70-3010	O-Ring	56	23	1
70-3020	Ring	52	20	8
70-3030	Tube	53	4	1
70-3040	Hose	57	14	1
70-3050	Bolt	50	28	1
70-3060	Gasket	57	1	2
70-3070	Gasket	53	33	1
70-3080	Gasket	51	23	1
70-3090	Clamp	53	3	1
70-3090	Clamp – Hose	57	13	2
70-3100	Plug	49	13	1
70-3110	Plug – Drain	54	11	1
70-3120	Plug	51	22	1
70-3130	Gasket	55	4	1
70-3140	Pipe	58	36	1
70-3150	Pipe	58	37	1
70-3160	Screw	50	5	8
70-3170	Nut	52	11	1
70-3180	Clamp	58	18	3
70-3190	Clamp	58	19	3
70-3200	Washer	59	50	1
70-3210	Packing	59	48	4
70-3220	O-Ring	53	2	1
70-3230	Plug	54	14	1
70-3230	Plug	49	15	1
70-3240	Plug	59	51	1
70-3250	Bolt	59	47	2
70-3260	Armature Assembly	45	12	1
70-3270	Spring – Brush	45	18	4
70-3280	Cover Assembly Front	45	6	1
70-3290	Brush Holder Assembly	45	17	1
70-3300	Yoke Assembly	45	19	1
70-3310	Bolt Set	45	14	1
70-3320	Bearing	46	8	1
70-3330	Bearing	45	13	1
70-3340	Connector	57	11	1
70-3340	Connector	53	34	1
70-3350	Cap	51	11	6
70-3360	Cap	49	16	4
70-3370	Cap	51	25	3
70-3380	Cap	49	19	15
70-3390	Plug	49	17	4
70-3400	Plug	51	6	6
70-3410	Plug	51	13	1
70-3420	Clip	53	5	1
70-3430	Clamp – Hose	57	5	3
70-3440	Clamp – Hose	57	9	1
70-3450	V-Belt	47	1	1
70-3460	Washer	58	40	8
70-3470	Washer – Drain Plug	54	10	1
70-3480	Stud	57	4	6
70-3490	Cover	61	41	1
70-3500	Holder	61	50	4
70-3510	Stopper	61	49	4
70-3520	Spring	61	48	4
70-3530	Gasket	61	46	4
70-3540	Valve Assembly	61	45	4
70-3550	Element Assembly	61	44	4
70-3560	Pinion	60	12	4
70-3570	Screw	60	11	4
70-3580	Sleeve	60	13	4
70-3590	Seat	60	14	4
70-3600	Spring	60	15	4
70-3610	Seat	60	16	4
70-3620	Body	60	19	4
70-3630	Tappet Assembly	61	*	1
70-3640	Pin	60	18	4
70-3650	Bushing	60	20	4
70-3660	Roller	60	21	4
70-3670	Plug	60	22	4
70-3680	Camshaft	61	30	1
70-3690	Ring	60	8	1
70-3700	Ring	61	38	1
70-3710	Plate – 0.10	60	7	A/R
70-3720	Plate – 0.12	60	*	A/R
70-3730	Plate – 0.14	60	*	A/R
70-3740	Plate – 0.16	60	*	A/R
70-3750	Plate – 0.18	60	*	A/R
70-3760	Plate – 0.50	60	*	A/R
70-3770	Plate – 0.30	60	*	A/R
70-3780	Plate – 0.1	61	37	A/R
70-3790	Plate – 0.15	61	*	A/R
70-3800	Plate – 0.3	61	*	A/R
70-3810	Plate – 0.5	61	*	A/R
70-3820	Cover	61	35	1
70-3830	Gasket	61	31	1
70-3840	Rack	60	2	1
70-3850	Screw	61	42	1
70-3860	Washer	60	3	2
70-3870	Washer	61	40	2
70-3870	Washer	64	12	4
70-3880	Plate	60	1	2
70-3890	Washer	62	31	2
70-3900	Packing	60	9	2

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
70–3910	Washer	61	25	2
70–3920	Cover Assembly	61	*	1
70–3930	Gasket	60	5	1
70–3940	Plate	61	28	2
70–3950	Screw	60	10	2
70–3960	Valve	60	4	1
70–3970	Plate – 0.6	60	17	A/R
70–3980	Plate – 0.7	60	*	A/R
70–3990	Plate – 0.8	60	*	A/R
70–4000	Plate – 0.9	60	*	A/R
70–4010	Plate – 1.0	60	*	A/R
70–4020	Plate – 1.1	60	*	A/R
70–4030	Plate – 1.2	60	*	A/R
70–4040	Plate – 1.3	60	*	A/R
70–4050	Plate – 1.4	60	*	A/R
70–4060	Plate – 0.1	60	*	A/R
70–4070	Plate – 0.2	60	*	A/R
70–4080	Plate – 0.3	60	*	A/R
70–4090	Plate – 0.4	60	*	A/R
70–4100	Plate – 0.5	60	*	A/R
70–4110	Plate – 0.15	60	*	A/R
70–4120	Capsule	62	30	1
70–4130	Housing	62	3	1
70–4140	Stopper	62	27	1
70–4150	Gasket	62	6	1
70–4160	Gasket	62	1	1
70–4170	Flyweight Assembly	63	71	1
70–4180	Nut	63	69	1
70–4190	Sleeve	63	68	1
70–4200	Plate	63	67	1
70–4210	Plate	62	8	1
70–4220	Swiveling Lever Assembly	62	12	1
70–4230	Bushing	62	21	2
70–4240	E–Ring	63	59	1
70–4250	Tension Lever Assembly	62	19	1
70–4260	Adapter Assembly	63	*	1
70–4270	Screw	63	60	1
70–4280	Spring	63	62	1
70–4290	Adapter	63	63	1
70–4300	Nut	63	58	1
70–4310	Nut	62	32	1
70–4320	Lever Assembly	62	17	1
70–4330	Bushing	62	38	1
70–4340	Shackle Assembly	62	18	1
70–4350	Shaft	62	24	1
70–4360	Plug	62	23	2
70–4370	Spring	62	13	1
70–4380	Spring	62	16	1
70–4390	Screw	63	56	1
70–4400	Cover	62	25	1
70–4410	Pin	63	57	1
70–4420	Bushing	63	53	1
70–4430	Screw	63	73	1
70–4440	Nut	62	33	1
70–4450	Nut	62	34	1
70–4460	Plate	62	45	1
70–4470	Lever	63	55	1
70–4480	Shaft	63	54	1
70–4490	Cup	62	49	1
70–4500	Spring	62	46	1
70–4510	Spring	62	48	1
70–4520	Spring	62	47	1
70–4530	Cover	62	51	1
70–4540	Slider	63	64	1
70–4550	Plate	62	40	1
70–4560	Adjusting Lever Assembly	62	43	1
70–4570	Stop Lever Assembly	62	50	1
70–4580	Cap	62	20	1
70–4590	Plug	62	5	1
70–4600	Housing Assembly	64	11	1
70–4610	Valve	64	5	2
70–4620	Spring	64	4	2
70–4630	Gasket	64	3	2
70–4640	Support	64	20	1
70–4650	Pump Assembly	64	2	1
70–4660	Rod, Blue Small Dia.	64	19	A/R
70–4670	Rod, Red Small Dia.	64	*	A/R
70–4680	Rod, Yellow Small Dia.	64	*	A/R
70–4690	Rod, Green Small Dia.	64	*	A/R
70–4700	Rod, White Small Dia.	64	*	A/R
70–4710	Rod, Brown Big Dia.	64	*	A/R
70–4720	Piston	64	18	1
70–4730	Tappet	64	7	1
70–4740	Roller	64	8	1
70–4750	Pin	64	10	1
70–4760	Block	64	6	2
70–4770	Spring	64	17	1
70–4780	Plug	64	15	1
70–4790	Filter	64	13	1
70–4800	Screw	64	14	1
70–4810	Body Assembly	58	8	4
70–4820	Pin	58	5	4
70–4830	Spring	58	6	4
70–4840	Nut	58	1	4
70–4850	Washer 2.15 mm	58	*	A/R
70–4860	Washer 1.00 mm	58	7	A/R
70–4870	Washer 1.05 mm	58	*	A/R
70–4880	Washer 1.10 mm	58	*	A/R
70–4890	Washer 1.275 mm	58	*	A/R
70–4900	Washer 1.325 mm	58	*	A/R
70–4910	Washer 1.775 mm	58	*	A/R
70–4920	Washer 0.95 mm	58	*	A/R
70–4930	Packing	58	4	4
70–4940	Housing Assembly	61	43	1
70–4950	Hose – 90° Elbow	57	8	1
70–4960	Clamp – R	57	21	1
70–4970	Gasket	57	19	1
70–4980	Bolt – Cap Hex Hd.	57	2	1
70–4990	Spring	50	17	8
70–5000	Retainer	50	18	8
70–5010	Tappet	50	11	8
70–5020	Gear – Camshaft	48	8	1
70–5020	Gear – Camshaft	50	22	1
70–5030	Pipe	53	35	1
70–5040	Hose	47	43	1
70–5050	Cover	47	39	1
70–5060	Joint	58	27	1
70–5070	O–Ring	58	35	1
70–5080	Bushing	50	6	8
70–5090	Gasket	49	20	1
70–5100	Gasket	53	7	1
70–5110	Washer	50	31	2
70–5120	Bolt	53	32	1
70–5130	Gasket	49	11	1
70–5140	Plug	49	5	1
70–5150	Rocker Assembly – Intake	50	32	4
70–5160	Rocker Assembly – Exhaust	50	27	4
70–5170	Pipe	50	29	1
70–5180	Rocker Shaft Assembly	50	8	1
70–5190	Spring	50	7	3
70–5200	Bracket	50	33	4
70–5210	Gasket	49	2	1
70–5220	Cover	49	1	1
70–5230	Rod – Push	50	10	8
70–5240	Seal	51	15	4
70–5250	Plate	51	31	1
70–5260	Gasket	51	39	1
70–5270	Cover	53	8	1
70–5280	Sleeve	51	41	4
70–5290	Hanger	51	40	1
70–5300	Bolt	51	19	10
70–5310	Fitting – 90° Elbow	57	12	1
70–5320	Pin	51	30	2
70–5330	Gasket	54	5	1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
70-5340	Valve	51	32	4
70-5350	Bearing – Main (Std.)	51	14	10
70-5360	Plate – Thrust (Std.)	51	20	3
70-5370	Gasket	48	5	1
70-5380	Pan – Oil	54	7	1
70-5390	Gasket	54	6	1
70-5400	Ring Set – Std.	52	23	4
70-5410	Pin	52	21	4
70-5420	Nut	52	10	8
70-5430	Bearing – Rod (Std.)	52	8	8
70-5440	Pulley	52	13	1
70-5450	Idler Assembly	48	9	1
70-5460	Gasket	55	9	1
70-5470	Manifold	55	10	1
70-5480	Pipe – Oil	57	16	1
70-5490	Pipe – Oil	57	15	1
70-5500	Strainer	53	31	1
70-5510	Gasket	53	19	1
70-5520	Union	53	22	1
70-5530	Bracket Assembly	53	23	1
70-5540	Oil Filter Assembly	53	*	1
70-5550	Gasket	53	20	1
70-5560	Gage	54	13	1
70-5570	Breather	53	1	1
70-5580	Stay	53	6	1
70-5590	Connector	47	41	1
70-5600	Water Pump Assembly	47	5	1
70-5610	Impeller	47	11	1
70-5620	Connector	47	9	1
70-5630	Shaft	47	26	1
70-5640	Bracket	47	12	1
70-5650	Gasket	47	7	1
70-5660	Gasket	47	17	1
70-5670	Stay	47	13	1
70-5680	Pulley	47	29	1
70-5690	Elbow	47	36	1
70-5700	Fuel Feed Pump	58	25	1
70-5710	Fuel Filter Assembly	59	*	1
70-5720	Bracket	59	49	1
70-5730	Filter Element Assembly	58	38	1
70-5740	Plate	44	2	1
70-5750	Bracket	44	10	1
70-5760	Alternator Assembly	44	1	1
70-5770	Lever	58	22	1
70-5780	Seal	48	13	1
70-5790	Case	48	4	1
70-5800	Pin	52	7	2
70-5810	Plate	52	14	1
70-5820	Cone	52	12	1
70-5830	Gear – Crankshaft	48	12	1
70-5840	Oil Pump Assembly	53	14	1
70-5850	Cover	53	18	1
70-5860	Starter Assembly	44	7	1
70-5870	Insert – Exhaust	49	9	4
70-5880	Insert – Inlet	49	10	4
70-5890	Flange	49	6	1
70-5900	Cylinder Head Assembly	49	8	1
70-5910	Valve – Inlet	50	20	4
70-5920	Valve – Exhaust	50	19	4
70-5930	Spring	50	16	8
70-5940	Camshaft	50	21	1
70-5950	Connector	51	12	1
70-5960	Crankcase Assembly	51	1	1
70-5970	Housing	54	1	1
70-5980	Piston (Std.)	52	22	4
70-5990	Connecting Rod – Std.	52	1	4
70-6000	Bushing	52	2	4
70-6010	Bolt	52	19	8
70-6020	Crankshaft Assembly	52	18	1
70-6030	Flywheel Assembly	52	4	1
70-6040	Gear – Injection Pump	48	11	1
70-6050	Manifold	55	5	1
70-6060	Gasket	55	8	1
70-6070	Pipe	57	7	1
70-6080	Hose	57	6	1
70-6090	Elbow	55	3	1
70-6100	Pipe – No. 2	58	12	1
70-6110	Pipe – No. 4	58	14	1
70-6120	Pipe	59	41	1
70-6130	O-Ring	58	33	1
70-6140	Washer	59	43	4
70-6150	Gasket	59	45	4
70-6160	Nozzle Assembly	59	46	4
70-6170	Nozzle Tip Assembly	58	2	4
70-6180	Injection Pump	58	26	1
70-6190	Pipe – No. 1	58	11	1
70-6200	Pipe – No. 3	58	13	1
70-6210	Flange	58	34	1
70-6220	Gland	59	44	4
70-6230	Coupling Assembly	56	17	1
70-6240	Gasket	57	10	1
70-6250	Gasket	55	11	1
70-6250	Gasket	57	20	1
70-6260	Plate	56	21	1
70-6270	O-Ring	56	7	1
70-6280	Deflector	56	9	1
70-6290	Insert	56	8	1
70-6300	Ring	56	6	1
70-6310	Ring	56	10	1
70-6320	Wheel	56	5	1
70-6330	Nut	56	4	1
70-6340	Cover	56	3	1
70-6350	Ring	56	20	1
70-6360	Plate	56	2	1
70-6370	Bearing	56	14	2
70-6380	Bearing	56	12	1
70-6390	Ring	56	15	2
70-6400	Ring	56	18	1
70-6410	Sleeve	56	11	1
70-6420	Ring	56	13	1
70-6430	Turbocharger Assembly	55	12	1
70-6440	Cartridge Assembly	56	*	1
70-6450	Housing	56	16	1
70-6460	Bearing Housing Assembly	56	22	1
70-6470	Shaft & Turbine Wheel Assy.	56	19	1
70-6480	Pin	62	15	1
70-6490	Ring	63	66	1
70-6500	O-Ring	62	37	1
70-6510	O-Ring	62	22	2
70-6520	Bolt	62	10	1
70-6520	Bolt & Washer	62	29	3
70-6530	Bolt	62	7	5
70-6540	Bolt	61	32	4
70-6550	Bolt	62	9	1
70-6560	Nut	63	72	2
70-6570	Washer – 0.1	63	61	A/R
70-6580	Washer – 0.25	63	*	A/R
70-6590	Washer – 0.5	63	*	A/R
70-6600	Washer – 0.2	63	*	A/R
70-6610	Washer – 0.2	63	65	A/R
70-6620	Washer – 0.3	63	*	A/R
70-6630	Washer – 0.4	63	*	A/R
70-6640	Washer – 0.1	63	*	A/R
70-6650	Washer – 1.0	63	*	A/R
70-6660	Washer – 1.0	63	*	A/R
70-6670	Washer	63	70	1
70-6680	Washer	61	34	1
70-6690	Washer	62	35	2
70-6700	Washer	64	16	1
70-6710	Washer	62	4	1
70-6720	Stud	61	27	3
70-6730	Bolt	62	42	1
70-6740	Bolt	62	26	2
70-6750	Bolt	62	41	4

*Not Illustrated

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Part No.	Description	Pg. No.	Ref. No.	Qty.
70–6760	Bolt & Washer	62	39	2
70–6770	Nut	62	36	1
70–6780	Nut	61	33	1
70–6790	Packing	62	28	1
70–6800	E–Ring	60	23	4
70–6810	E–Ring	62	11	2
70–6820	Ring	64	9	1
70–6830	Pin	58	3	8
70–6840	Bearing	61	36	1
70–6850	Bearing	60	6	2
70–6860	Key	62	14	1
70–6870	Key	62	2	1
70–6880	Key	61	29	1
70–6890	O–Ring	62	52	1
70–6900	O–Ring	61	26	1
70–6910	O–Ring	61	47	4
70–6920	Seal	62	44	1
70–6930	Screw	60	24	1
70–6940	Screw	64	1	1
70–6940	Screw	61	39	1
70–6990	Level Sensing Unit Assembly	19	2	1
70–8620	Cap – Fuel	19	10	1
70–8640	Cap – Hydraulic	20	36	1
71–0060	Support – Foam	39	8	1
71–0150	Lift Arm Assembly R.H.	81	*	1
71–0150	Lift Arm Assembly R.H.	85	*	1
71–0160	Lift Arm Assembly L.H.	85	25	1
71–0160	Lift Arm Assembly L.H.	81	33	1
71–0170	Arm – Outer Lift R.H.	85	*	1
71–0180	Arm – Outer Lift L.H.	85	10	1
71–0210	Foam – Radiator Seal	40	13	1
71–0220	Foam – Louver Lower	38	11	1
71–0230	Foam – Louver Middle	38	7	1
71–0240	Foam – Louver Top	38	5	2
71–0250	Foam – Hood Top	39	2	1
71–0260	Foam – Hood Side L.H.	39	3	1
71–0270	Foam – Hood Side R.H.	39	1	1
71–0280	Foam – Cowl Top	38	3	1
71–0290	Foam – Cowl Bottom	38	29	1
71–0300	Foam – Low Front Cowl L.H.	38	17	1
71–0310	Foam – Low Front Cowl R.H.	38	*	1
71–0320	Foam – Low Rear Cowl R.H.	38	*	1
71–0330	Foam – Low Rear Cowl L.H.	38	30	1
71–0340	Foam – Rad. Support L.H.	40	36	1
71–0350	Foam – Rad. Support R.H.	40	1	1
71–0360	Foam – Rad. Support Top	40	3	1
71–0370	Foam – Lower Rad. Support	40	34	2
71–0380	Foam – Rad. Support Front	40	42	1
71–0390	Foam – Rad. Support Rear	40	44	1
71–0400	Foam – Side Panel	39	14	2
71–0410	Cover – Abrasive	10	4	1
71–0420	Floor – Abrasive	25	66	1
71–0430	Cover – Abrasive	25	64	1
71–0440	Abrasive – Pedal Front	9	25	1
71–0450	Abrasive – Pedal Rear	9	29	1
71–0470	Disc – Middle	28	19	4
71–0480	Suspension Assembly	3	*	1
71–0490	Pump Drive Shaft Assembly	34	*	1
71–0500	Yoke – Engine End	33	8	1
71–0510	Shaft – Slip Yoke	33	6	1
71–0520	Yoke – Pump End	33	3	1
71–0530	Tube – Slip Yoke	33	4	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
71–2450	Cover – Access	24	24	1
71–2460	Plate – Control	14	5	1
71–2470	Rim	28	29	2
71–2530	Bearing Assembly	89	6	1
71–2550	Washer – Latch Shaft	84	9	2
71–2560	Support – Bulkhead	27	37	2
71–2570	Shaft – Pivot	74	3	1
71–2580	Shaft – Lift Arm Pivot	81	26	2
71–2590	Shaft – Pivot	71	5	1
71–2590	Shaft – Pivot	74	24	1
71–2600	Tube – Anti – Sway	85	11	2
71–2610	Shaft – Deck Pivot	86	15	2
71–2620	Shaft – Lift Arm Elbow	85	23	2
71–2630	Solenoid Valve Assembly	25	*	1
71–2680	Hose – Vent	20	31	1
71–2680	Hose – Vent	41	53	1
71–2690	Hose – Fuel	66	7	1
71–3810	Coupling – Hydraulic Motor	28	34	2
71–3830	Bellcrank – Brake	32	21	2
71–3850	Cover – Housing	32	15	2
71–3860	Clevis	32	28	2
71–3870	Gasket	32	14	2
71–3880	Clevis – Brake Cable	28	15	2
71–3880	Clevis – Brake Cable	32	23	2
71–3900	Gasket	32	25	2
71–3910	Collar	32	34	2
71–3920	Gasket	32	33	2
71–3970	Tube – Hydraulic	24	9	1
71–3970	Tube – Hydraulic	18	17	1
71–3990	Cap – Brake Housing	28	20	2
71–4010	Housing – Brake	28	13	2
71–4060	Rod – Brake Latch	4	40	1
71–4100	Plate – Clamp	85	28	2
71–4110	Cap – Actuator	32	36	2
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.	87	28	2
71–4260	Decal – H.O.C.	78	56	1
71–4280	Sending Unit – Oil Pressure	43	61	1
72–3790	Wire – Neutral Switch	33	24	1
72–4070	Decal – Danger	29	47	2
72–4080	Decal – Danger	68	37	1
72–4080	Decal – Danger	25	71	2
72–4310	Switch – Ball	74	11	1
72–4310	Switch – Lift	81	32	2
72–9550	Stud – Fuel Tank	19	17	1
72–9760	Switch – Push Button	14	15	2
74–0720	Tube – Manual	2	1	1
74–2170	Cylinder – Lift	82	43	2
74–2180	Ring – Steel	83	9	1
74–2190	Cushion	83	10	1
74–2200	Head	83	4	1
74–2210	Piston	83	12	1

*Not Illustrated

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Part No.	Description	Pg. No.	Ref. No.	Qty.
74-2220	Collar	83	2	1
74-2230	Shaft/Clevis	83	1	1
74-2270	Fitting - Suction	22	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	21	34	1
74-2680	Bracket - Bulkhead	82	45	1
74-2700	Rod - Control	9	16	1
74-2710	Clamp Half - Hydraulic Line	85	2	4
74-2730	Tube - Clamp	85	31	4
74-2750	Retainer - Clamp	85	32	2
75-0540	Tether - Cap, Reservoir	20	27	1
75-6330	Catch - Magnetic	1	6	1
75-9460	Bracket - Sealing L.H.	38	19	1
75-9470	Bracket - Sealing R.H.	38	25	1
75-9480	Bracket - Sealing Bottom	38	22	1
75-9650	Fork - Castor	76	24	2
75-9670	Fork - Castor	86	32	8
75-9790	Arm - Pivot	76	10	2
76-0980	Pipe - Exhaust	42	10	1
76-1670	Spring - Extension	80	25	1
76-1670	Spring - Extension	74	33	1
76-1670	Spring - Extension	77	36	1
76-1880	10 Segmented Tire Assy.	90	3	1
76-1890	13 Segmented Tire Assy.	90	5	1
76-2060	V-Belt	79	*	1
76-2060	V-Belt	80	*	1
76-2060	V-Belt	87	*	6
76-2750	Hydraulic Hose Assembly	77	2	1
76-2760	Hydraulic Hose Assembly	77	1	1
76-2770	Hydraulic Hose Assembly	77	6	1
76-4440	Tube - Hyd. R.H. Run	28	*	1
76-4440	Tube - Hydraulic	21	33	1
76-4450	Tube - Hydraulic	21	4	1
76-4470	Valve - Check	21	8	1
76-4590	Screw	30	16	6
76-4590	Screw	36	27	6
76-4600	Gasket - Cover	36	38	1
76-4600	Gasket - Front Cover	30	26	1
76-4610	Cover	36	33	1
76-4610	Cover - Front	30	15	1
76-8750	Plate - Caution	40	45	2
77-0950	Washer - Castor	76	33	2
77-0950	Washer - Castor	86	41	8
77-2830	Rod - Spring	77	44	1
77-2990	Cable - Throttle	15	8	1
77-5390	Tank - Hydraulic	20	4	1
80-0010	Tank - Fuel	19	11	1
80-0120	Cable - Positive	68	12	1
80-0130	Cable - Negative	68	11	1
80-0160	Tray - Battery	68	18	1
80-4890	Decal - Service	11	32	1
80-9330	Alarm - Audio	11	3	1
82-2560	Decal - Belt Routing	77	39	1
82-4910	Roller	79	27	1
82-4910	Roller	80	36	1
82-7780	Housing - Actuator, L.H.	32	*	1
82-7790	Housing - Actuator, R.H.	32	12	1
82-7820	Seat - Brake, Tube	32	13	2
82-7830	Screw - Bleed, Brake	32	11	2
82-7840	Piston - Brake	32	7	2
82-7850	Spring - Compression	32	4	2
82-7900	Shaft - Arm	85	34	2
82-7930	Arm - Anti-Sway L.H.	85	14	1
82-7940	Arm - Anti-Sway R.H.	85	*	1
82-8160	Spacer	85	33	4
82-8170	Clamp - Hose	85	27	6
82-9060	Track & Latch - Adjustment	2	4	1
83-4330	Assy. - Tube, Traction L.H.	24	19	2
83-4340	Assy. - Tube, Traction R.H.	24	21	2
83-6630	Shim - Switch	1	5	1
83-6640	Sensor - Switch	1	8	1
83-6660	Support - Seat	2	11	1
83-6690	Plate W. A. - Seat	1	15	1
83-6700	Plate W.A. - Suspension	1	9	1
83-8350	Fitting - Traction, L.H.	24	20	1
83-8360	Fitting - Traction, R.H.	25	73	1
83-8370	Plate - Clamp	25	74	1
85-4750	Display - Diagnostic	12	2	1
85-6140	Spring	1	16	1
85-6150	Tube - Hyd. R.H. Branch	28	*	1
85-6150	Tube - Hydraulic	24	30	1
85-6160	Pin - Spring	1	10	1
85-6190	Link - Deck Tilt	24	1	1
85-6210	Bracket - Rear Eng. Mount	42	37	2
85-6230	Solenoid - Engine Run	42	45	1
85-6260	Level Sensing Unit	20	3	1
85-6450	Retainer - Belt	78	55	1
86-7350	Seal Repair Kit	75	*	1
86-7350	Seal Repair Kit	83	*	1
86-7410	Plate - Gage	13	5	1
86-7480	Spring - Compression	77	48	1
86-8100	Joint - Ball	84	19	2
86-8100	Joint - Ball	74	37	2
86-8101	Joint - Ball	84	22	2
88-1860	Decal - Diagnostic	12	1	1
88-6760	Spring - Gas	39	19	2
88-6770	Stud - Ball	39	18	2
88-6770	Stud - Ball	41	56	2
88-9190	Solenoid Coil Assembly	69	23	3
88-9260	Bracket - Roller RH	80	38	1
88-9270	Bracket - Roller LH	79	29	1
88-9280	Bracket - Switch	25	76	1
88-9360	Hose - Hydraulic	87	8	4
88-9370	Hose - Hydraulic	87	9	2
88-9420	Wire Harness Assembly	11	*	1
88-9430	Decal - Fuse	11	5	1
88-9450	Bracket - Hood Cylinder	40	37	2
88-9510	Wire - Switch	25	79	1
92-1654	Castor Wheel Assembly	86	30	8
92-1654	Castor Wheel Assembly	76	12	2
92-1741	Tube - Hydraulic	28	42	1
92-1742	Tube - Hydraulic	21	40	1
92-1742	Tube - Hydraulic L.H.	28	12	1
92-1771	Board - Instrument	13	16	1
92-1772	Hood Assembly	39	4	1
92-1792	Repair Kit	73	*	1
92-1794	Controller	11	22	1
92-2351	Fitting - Tank Return	21	36	1
92-2352	Hose - Hydraulic	21	35	1
92-2362	Castor Wheel Assembly	76	23	2
92-3047	Valve - Solenoid	25	62	1
92-3048	Solenoid Coil Kit	25	54	3
92-3049	Valve Seal Kit	25	*	1
92-3071	Spool - Solenoid Valve	69	25	3
213-31	Cover - Steering Wheel	4	8	1
217-116	Rim	71	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
2115-95	Kit - Universal Joint	33	7	2
2116-3	Joint - Ball L.H.	71	*	1

*Not Illustrated

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Part No.	Description	Pg. No.	Ref. No.	Qty.
2116-4	Joint – Ball R.H.	71	35	1
231-139	Tire – R.H. (Optional)	28	*	2
231-140	Tire – L.H. (Optional)	28	*	1
232-27	Stem – Valve	71	29	2
233-17	Knob	4	3	1
233-42	Knob	16	3	3
233-48	Knob	15	3	1
233-66	Knob	14	10	1
237-21	Seal – O-Ring	28	3	2
237-21	Seal – O-Ring	18	6	2
237-21	Seal – O-Ring	27	29	4
237-21	Seal – O-Ring	72	52	4
237-21	Seal – O-Ring	25	58	3
237-22	Seal – O-Ring	24	32	6
237-22	Seal – O-Ring	77	7	1
237-22	Seal – O-Ring	74	8	7
237-22	Seal – O-Ring	87	10	2
237-22	Seal – O-Ring	16	14	9
237-22	Seal – O-Ring	40	17	2
237-22	Seal – O-Ring	81	19	14
237-22	Seal – O-Ring	18	21	7
237-22	Seal – O-Ring	20	21	1
237-22	Seal – O-Ring	4	37	4
237-22	Seal – O-Ring	71	45	6
237-22	Seal – O-Ring	43	56	2
237-22	Seal – O-Ring	37	64	1
237-22	Seal – O-Ring	21	5	5
237-30	Seal – O-Ring	24	8	3
237-30	Seal – O-Ring	21	13	2
237-30	Seal – O-Ring	33	17	2
237-30	Seal – O-Ring	18	22	2
237-37	Bumper – Rubber	68	34	4
237-42	Seal – O-Ring	28	1	2
237-42	Seal – O-Ring	74	6	4
237-42	Seal – O-Ring	69	7	1
237-42	Seal – O-Ring	87	12	2
237-42	Seal – O-Ring	33	23	1
237-42	Seal – O-Ring	16	24	5
237-42	Seal – O-Ring	18	27	6
237-42	Seal – O-Ring	82	42	4
237-42	Seal O-Ring	77	9	1
237-58	Seal – O- Ring	24	14	4
237-58	Seal – O-Ring	22	2	2
237-58	Seal – O-Ring	21	3	3
237-58	Seal – O-Ring	77	3	2
237-58	Seal – O-Ring	28	7	6
237-58	Seal – O-Ring	69	10	8
237-58	Seal – O-Ring	28	11	3
237-58	Seal – O-Ring	33	21	3
237-65	Seal – O-Ring	87	7	4
237-65	Seal – O-Ring	24	18	6
237-65	Seal – O-Ring	81	20	4
237-78	Seal – O- Ring	24	13	5
237-78	Seal – O-Ring	18	8	3
237-78	Seal – O-Ring	69	33	1
237-78	Seal – O-Ring	69	41	2
237-78	Seal – O-Ring	71	43	4
237-78	Seal – O-Ring	18	4	2
237-79	Seal – O-Ring	21	7	2
237-79	Seal – O-Ring	16	12	2
237-79	Seal – O-Ring	20	23	1
237-79	Seal – O-Ring	18	24	2
237-79	Seal – O-Ring	69	32	4
237-79	Seal – O-Ring	4	39	4
237-80	Seal – O-Ring	21	1	1
237-80	Seal – O-Ring	20	19	3
237-80	Seal – O-Ring	37	68	1
237-81	Seal – O-Ring	20	1	1
237-81	Seal – O-Ring	77	5	2
237-81	Seal – O-Ring	87	5	4
237-81	Seal – O-Ring	28	9	4
237-81	Seal – O-Ring	33	15	1
237-81	Seal – O-Ring	69	19	8
237-101	Seal – O-Ring	21	24	2
237-116	Seal – O-Ring	22	9	1
237-146	Seal – O-Ring	28	5	4
237-146	Seal – O-Ring	69	14	1
237-146	Seal – O-Ring	33	19	3
237-154	Seal – O-Ring	66	10	1
237-155	Seal – O-Ring	21	20	1
237-156	Seal – O-Ring	18	13	8
237-156	Seal – O-Ring	69	30	30
237-157	Seal – O-Ring	20	16	1
237-158	Seal – O-Ring	28	21	4
237-164	Grommet	27	7	1
237-174	O-Ring	32	9	2
237-175	O-Ring	32	6	2
240-2	Grommet	27	6	2
240-3	Grommet	81	8	4
240-4	Grommet	24	6	6
240-4	Grommet	81	18	10
240-5	Grommet	24	28	2
240-6	Grommet	27	31	4
240-7	Grommet	27	32	1
240-7	Grommet	25	47	4
240-8	Grommet	85	30	4
2410-10	Plug – Button	25	72	1
2410-71	Plug	32	1	2
2410-73	Pin – Tether	20	35	1
2411-40	Joint – Ball	85	13	4
2411-41	End – Rod	43	52	2
2412-3	Clamp – Hose	20	15	1
2412-6	Clamp – Hose	66	2	2
2412-6	Clamp – Hose	40	6	1
2412-6	Clamp – Hose	19	15	1
2412-7	Clamp Assembly	71	38	2
2412-34	Clamp – Hose	20	11	1
2412-39	Clamp	68	39	1
2412-39	Clamp – R	43	68	1
2412-41	Clamp	68	38	2
2412-41	Clamp – R	40	38	1
2412-41	Clamp – R	43	59	2
2412-42	Clamp – Hose	22	11	4
2412-42	Clamp – Hose	20	13	4
2412-42	Clamp – Hose	42	19	1
2412-70	Clamp – R	42	3	1
2412-73	Clamp – R	68	7	3
2412-73	Clamp – R	43	69	1
2412-89	Clamp – R	19	9	1
2412-92	Clamp – Hose	21	9	4
2412-92	Clamp – Hose	40	11	4
2412-108	Clamp – Hose	66	6	1
2412-108	Clamp – Hose	20	32	2
2412-108	Clamp – Hose	41	52	2
2412-110	Clamp – Hose	42	16	3
2412-119	Clamp – Hose	21	39	1
2412-133	Clamp	2	2	2
2412-147	Clamp – R	40	48	1
250-5	Tie – Cable	38	34	16
251-259	Bearing – Neutral Detent	33	41	1
251-321	Bearing – Ball	90	1	2
251-321	Bearing – Castor	76	14	4
251-321	Bearing – Castor	76	22	4
251-321	Bearing – Castor	86	29	16
251-332	Spacer – Bearing	86	28	8
251-332	Spacer – Inner	90	4	1
251-332	Spacer Bearing	76	13	2
251-333	Spacer – Bearing	76	21	2
251-333	Spacer – Inner	90	6	1
251-340	Bearing – Ball	28	23	2
253-154	Seal – Wave	89	5	2
253-156	Seal – Oil	28	22	2
253-157	Ring – Cup	28	41	8
254-72	Cup – Bearing Outer	71	20	2

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
254-92	Cone – Bearing Outer	71	21	2
254-106	Cone – Bearing Inner	71	31	2
254-107	Cup – Bearing Inner	71	30	2
256-76	Bushing – Sleeve	85	15	4
256-117	Bushing – Flange	77	28	4
256-156	Bushing – Flange	9	30	2
256-172	Bearing – Sleeve	84	15	8
256-188	Bushing – Sleeve	80	6	1
256-188	Bushing – Sleeve	77	22	1
256-247	Bushing – Flange	6	1	4
256-247	Bushing – Flange	25	46	2
256-273	Bushing – Flange	9	28	2
256-304	Washer – Thrust	85	6	8
256-304	Washer – Thrust	71	7	6
256-304	Washer – Thrust	74	28	2
256-304	Washer – Thrust	81	29	4
256-304	Washer – Thrust	86	40	4
256-305	Washer – Thrust	79	16	2
256-305	Washer – Thrust	80	24	2
282-2	Clevis – Brake Rod	7	18	1
282-28	Clevis – Adjustable	15	6	2
283-1	Pin – Clevis	6	24	2
283-1	Pin – Clevis	7	24	1
283-2	Pin – Clevis	28	16	2
283-2	Pin – Clevis	32	24	2
283-15	Pin – Clevis	32	31	2
283-67	Pin – Clevis Arm End	15	5	1
283-70	Pin – Hitch	76	9	2
283-72	Pin – Lynch	1	3	1
285-17	Plug – Pipe	37	76	2
2812-4	Fitting – Reducer	40	15	2
302-2	Fitting – Grease	81	31	4
302-2	Fitting – Grease	74	2	4
302-2	Fitting – Grease	80	4	1
302-2	Fitting – Grease	85	4	4
302-2	Fitting – Grease	33	5	1
302-2	Fitting – Grease	86	13	2
302-2	Fitting – Grease	77	20	1
302-2	Fitting – Grease Str.	89	1	1
302-5	Fitting – Grease	73	1	1
302-5	Fitting – Grease	90	2	1
302-5	Fitting – Grease	6	3	2
302-5	Fitting – Grease	75	13	2
302-5	Fitting – Grease	71	15	3
302-5	Fitting – Grease	83	15	2
302-5	Fitting – Grease	85	22	2
302-5	Fitting – Grease	76	27	6
302-5	Fitting – Grease	77	33	2
302-5	Fitting – Grease	86	34	16
302-5	Fitting – Grease	74	40	2
302-5	Fitting – Grease	25	48	1
302-10	Fitting – Grease 45°	89	*	1
302-33	Fitting – Grease	84	18	4
302-33	Fitting – Grease	71	36	2
302-39	Vent	28	25	2
304-46	Drain – Fuel Tank	19	13	1
304-46	Valve – Drain	40	14	1
321-2	Screw – Cap Hex. Hd.	38	4	16
321-2	Screw – Cap Hex. Hd.	6	10	1
321-2	Screw – Cap Hex. Hd.	32	17	8
321-2	Screw – Cap, Hex. Hd.	20	26	1
321-3	Screw – Cap Hex. Hd.	68	3	3
321-3	Screw – Cap Hex. Hd.	9	6	4
321-3	Screw – Cap Hex. Hd.	15	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.	33	42	2
321-4	Screw – Cap Hex. Hd.	42	51	2
321-5	Screw – Cap Hex. Hd.	20	10	10
321-6	Screw – Cap Hex. Hd.	32	37	8
321-6	Screw – Cap Hex. Hd.	42	38	3
321-9	Screw – Cap Hex. Hd.	27	22	6
321-9	Screw – Cap Hex. Hd.	25	43	2
321-9	Screw – Cap Hex. Hd.	82	56	3
321-10	Screw – Cap Hex. Hd.	16	1	2
321-10	Screw – Cap Hex. Hd.	33	47	2
321-11	Screw – Cap Hex. Hd.	25	65	2
321-15	Screw – Cap Hex. Hd.	85	3	4
321-15	Screw – Cap Hex. Hd.	27	18	2
321-19	Screw – Cap Hex. Hd.	85	29	4
322-3	Screw – Cap Hex. Hd.	7	5	2
322-5	Screw – Cap Hex Hd.	68	27	1
322-5	Screw – Cap Hex. Hd.	40	39	1
322-6	Screw – Cap Hex. Hd.	40	40	4
322-10	Screw – Cap Hex. Hd.	27	23	3
322-11	Screw – Cap Hex. Hd.	81	1	1
322-11	Screw – Cap Hex. Hd.	27	9	5
322-11	Screw – Cap Hex. Hd.	68	30	1
322-11	Screw – Cap Hex. Hd.	21	44	3
322-13	Screw – Cap Hex. Hd.	43	76	1
322-17	Screw – Cap Hex. Hd.	33	39	1
323-4	Screw – Cap Hex. Hd.	11	4	4
323-4	Screw – Cap Hex. Hd.	6	21	4
323-4	Screw – Cap Hex. Hd.	68	21	4
323-4	Screw – Cap Hex. Hd.	39	25	2
323-4	Screw – Cap Hex. Hd.	21	28	3
323-4	Screw – Cap Hex. Hd.	43	70	4
323-6	Screw – Cap Hex. Hd.	71	3	2
323-6	Screw – Cap Hex. Hd.	79	6	6
323-6	Screw – Cap Hex. Hd.	2	9	2
323-6	Screw – Cap Hex. Hd.	81	12	4
323-6	Screw – Cap Hex. Hd.	22	18	4
323-6	Screw – Cap Hex. Hd.	28	18	14
323-6	Screw – Cap Hex. Hd.	80	19	6
323-6	Screw – Cap Hex. Hd.	39	23	4
323-6	Screw – Cap Hex. Hd.	68	32	4
323-6	Screw – Cap Hex. Hd.	43	60	1
323-7	Screw – Cap Hex. Hd	33	51	2
323-7	Screw – Cap Hex. Hd.	22	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.	40	41	4
323-8	Screw – Cap Hex. Hd.	68	13	2
323-9	Screw – Cap Hex. Hd.	1	22	2
323-10	Screw – Cap Hex. Hd.	20	5	4
323-15	Screw – Cap Hex. Hd.	76	17	16
323-15	Screw – Cap Hex. Hd.	86	23	32
323-15	Screw – Cap Hex. Hd.	82	44	2
323-23	Screw – Cap Hex. Hd.	19	6	1
323-34	Screw – Cap Hex. Hd.	40	8	7
325-4	Screw – Cap Hex. Hd.	42	46	4
325-5	Screw – Cap Hex. Hd.	4	30	3
325-6	Screw – Cap Hex. Hd.	22	20	4
325-6	Screw – Cap Hex. Hd.	74	22	12
325-6	Screw – Cap Hex. Hd.	40	43	2
325-6	Screw – Cap Hex. Hd.	71	46	12
325-7	Screw – Cap Hex. Hd.	33	12	2
325-7	Screw – Cap Hex. Hd.	77	16	1
325-7	Screw – Cap Hex. Hd.	29	46	4
325-8	Screw – Cap Hex. Hd.	80	8	1
325-8	Screw – Cap Hex. Hd.	77	24	1
325-15	Screw – Cap Hex. Hd.	76	6	4
325-17	Screw – Cap Hex. Hd.	42	43	4
325-20	Screw – Cap Hex. Hd.	86	3	8
327-15	Screw – Cap Hex. Hd.	76	20	2
327-17	Screw Cap Hex. Hd.	86	26	8
327-22	Screw – Cap Hex. Hd.	28	27	16
327-24	Screw Cap Hex. Hd.	76	15	2
327-80	Seal – O-Ring	34	53	2
328-8	Screw – Cap Hex. Hd.	81	36	4
328-10	Screw – Cap Hex. Hd.	74	21	2
328-10	Screw – Cap Hex. Hd.	81	37	2
328-11	Screw – Cap Hex. Hd.	38	26	2
328-24	Screw – Cap Hex. Hd.	82	58	4

*Not Illustrated

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Part No.	Description	Pg. No.	Ref. No.	Qty.
328-26	Screw – Cap Hex. Hd.	81	28	12
3210-7	Screw – Cap Hex. Hd.	33	40	1
3213-2	Screw – Cap Hex. Hd.	22	22	4
3217-6	Nut – Lock	22	19	4
3217-7	Nut – Hex.	19	19	1
3217-7	Nut – Hex.	33	34	1
3217-7	Nut – Lock	9	1	2
3217-9	Nut – Hex.	33	14	2
3217-9	Nut – Hex.	74	26	16
3217-9	Nut – Jam	77	37	2
3217-26	Nut – Lock	9	7	1
3219-2	Nut – Hex.	33	29	1
3219-5	Nut – Hex.	28	31	18
3219-7	Nut – Lock	85	19	4
3219-10	Nut – Jam	69	24	3
3219-14	Nut – Hex.	42	1	2
3219-14	Nut – Hex.	15	7	2
3219-14	Nut – Hex.	21	17	1
3220-1	Nut – Jam	67	1	1
3220-1	Nut – Jam	42	50	2
3220-2	Nut – Jam	7	17	1
3220-4	Nut	25	53	1
3220-4	Nut – Bulkhead	26	12	8
3220-5	Nut – Jam	9	19	1
3220-7	Nut – Jam	85	12	4
3220-22	Nut – Jam	84	4	4
3230-22	Bolt – Carriage	2	20	1
3231-22	Bolt – Carriage	89	7	6
3231-25	Bolt – Carriage	80	9	2
3231-25	Bolt – Carriage	79	20	2
3231-28	Bolt – Carriage	77	12	2
3231-28	Bolt – Carriage	87	27	4
3231-30	Bolt – Carriage	33	33	1
3233-9	Bolt – Carriage	79	9	3
3233-9	Bolt – Carriage	86	22	12
3233-9	Bolt – Carriage	80	30	3
3233-27	Bolt – Carriage	77	42	1
3233-28	Bolt – Carriage	86	12	6
3233-29	Bolt – Carriage	86	11	2
3233-30	Bolt – Carriage	87	22	6
3233-30	Bolt – Carriage	78	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.	71	10	2
3234-12	Screw – Hex. Flange Hd.	78	53	4
3234-12	Screw – Hex. Washer Hd.	87	2	8
3234-13	Screw – Hex. Flange Hd.	33	36	4
3234-13	Screw – Hex. Washer Hd.	19	8	1
3234-13	Screw – Hex. Washer Hd.	7	19	2
3234-14	Screw – Cap Hex. Hd.	39	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.	11	25	2
3234-14	Screw – Hex. Flange Hd.	27	2	6
3234-14	Screw – Hex. Flange Hd.	10	5	4
3234-14	Screw – Hex. Flange Hd.	16	8	6
3234-14	Screw – Hex. Flange Hd.	24	25	4
3234-14	Screw – Hex. Washer Hd.	42	20	4
3234-14	Screw – Hex. Washer Hd.	4	25	8
3234-17	Screw – Hex. Flange Hd.	68	6	4
3234-23	Screw – Cap Hex. Hd.	1	23	6
3234-28	Screw – Hex. Flange Hd.	24	10	2
3245-31	Screw – Set	9	8	1
3245-32	Screw – Set	9	26	1
3249-11	Screw	25	78	2
3249-11	Screw – Cap Hex. Hd.	33	30	2
3249-11	Screw – Machine	6	26	2
3250-27	Screw – Truss Hd.	79	5	2
3250-27	Screw – Truss Hd.	80	14	2
3253-2	Washer – Lock	21	16	1
3253-2	Washer – Lock	40	21	16
3253-2	Washer – Lock	43	65	2
3253-3	Washer – Lock	20	9	10
3253-3	Washer – Lock	11	15	4
3253-3	Washer – Lock	32	16	8
3253-3	Washer – Lock	33	46	2
3253-3	Washer – Lock	43	74	1
3253-7	Washer – Lock	33	13	2
3253-7	Washer – Lock	22	21	8
3253-7	Washer – Lock	74	25	16
3253-7	Washer – Lock	28	30	22
3253-8	Washer – Lock	89	14	1
3253-8	Washer – Lock	28	26	16
3253-9	Washer – Lock	85	20	4
3253-15	Washer – Lock	14	21	A/R
3253-21	Washer – Lock	9	2	2
3253-21	Washer – Lock	19	5	2
3253-21	Washer – Lock	22	5	8
3253-21	Washer – Lock	20	6	4
3253-21	Washer – Lock	2	10	2
3253-21	Washer – Lock	68	14	2
3253-21	Washer – Lock	28	17	14
3253-21	Washer – Lock	4	17	4
3253-21	Washer – Lock	11	19	4
3253-21	Washer – Lock	32	19	8
3253-21	Washer – Lock	39	22	6
3253-21	Washer – Lock	21	29	3
3253-21	Washer – Lock	33	32	3
3253-21	Washer – Lock	40	35	12
3253-21	Washer – Lock	43	75	4
3254-2	Washer – Lock	68	25	1
3254-6	Washer – Lock	16	25	1
3254-8	Washer	85	26	4
3256-1	Washer – Flat	42	48	1
3256-3	Washer – Flat	43	67	3
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	27	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	27	24	1
3256-23	Washer – Flat	25	68	2
3256-24	Washer – Flat	68	15	2
3256-24	Washer – Flat	89	16	A/R
3256-24	Washer – Flat	39	24	6
3256-24	Washer – Flat	32	27	4
3256-26	Washer – Flat	15	13	1
3256-26	Washer – Flat	4	29	3
3256-26	Washer – Flat	29	45	4
3256-26	Washer – Flat	43	54	8
3256-27	Washer – Flat	1	24	1
3256-56	Washer – Flat	27	21	8
3256-56	Washer – Flat	81	40	3
3256-56	Washer – Flat	40	47	2
3256-56	Washer – Flat	25	67	2
3256-69	Washer	79	26	2
3256-69	Washer	80	35	2
3258-19	Screw – Machine	42	14	2
3269-6	Washer – Backup	38	33	22
3269-15	Rivet – Pop	38	32	22
3269-25	Rivet – Pop	26	1	4
3269-25	Rivet – Pop	79	1	4
3269-25	Rivet – Pop	80	1	4
3269-25	Rivet – Pop	87	17	16
3269-25	Rivet – Pop	77	29	8
3272-1	Pin – Cotter	16	4	6
3272-1	Pin – Cotter	15	9	3
3272-5	Pin – Cotter	6	6	1
3272-5	Pin – Cotter	4	43	1
3272-6	Pin – Cotter	68	4	1
3272-6	Pin – Cotter	6	9	2

*Not Illustrated

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Part No.	Description	Pg. No.	Ref. No.	Qty.
3272-6	Pin – Cotter	16	10	2
3272-6	Pin – Cotter	28	14	2
3272-6	Pin – Cotter	32	22	2
3272-6	Pin – Cotter	9	22	1
3272-6	Pin – Cotter	42	47	1
3272-7	Pin – Cotter	9	23	2
3272-7	Pin – Cotter	77	45	1
3272-10	Pin – Cotter	7	16	1
3272-10	Pin – Cotter	9	18	1
3272-10	Pin – Cotter	32	26	2
3272-12	Pin – Cotter	84	2	4
3272-12	Pin – Cotter	7	6	1
3272-12	Pin – Cotter	71	34	6
3272-12	Pin – Cotter	74	35	2
3272-13	Pin – Cotter	71	26	2
3272-23	Pin – Cotter	74	18	4
3272-33	Pin – Cotter	81	24	2
3274-7	Screw – Cap Socket Hd.	32	18	8
3274-50	Screw – Hex. Socket Hd.	33	11	2
3274-86	Screw – Cap Socket Hd.	24	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.	39	13	4
3290-216	Washer – Bevel	71	9	12
3290-216	Washer – Bevel	40	25	4
3290-271	Rivet – Pop	40	46	4
3290-307	Pin – Cotter, Hair	6	25	2
3290-321	Screw – Cap Hex. Hd.	39	5	12
3290-321	Screw – Cap Hex. Hd.	68	20	1
3290-321	Screw – Cap Hex. Hd.	40	22	16
3290-321	Screw – Hex. Washer Hd.	38	14	20
3290-343	Pin – Cotter Hair	76	11	2
3290-378	Tie – Cable	11	*	25
3290-378	Tie – Cable	6	*	3
3290-378	Tie – Cable	78	*	2
3290-378	Tie – Cable	82	*	3
3290-378	Tie – Cable	87	*	24
3290-378	Tie – Cable	11	18	2
3290-378	Tie – Cable	74	41	1
3290-378	Tie–Cable	4	36	5
3290-384	Pin – Lynch	76	1	2
3290-384	Pin – Lynch	86	2	8
3290-392	Nut – Lock	14	17	1
3296-2	Nut – Flange Lock	39	7	12
3296-2	Nut – Flange Lock	38	12	20
3296-2	Nut – Flange Lock	68	24	1
3296-2	Nut – Lock	79	2	6
3296-2	Nut – Lock	80	10	6
3296-2	Nut – Lock	13	15	2
3296-2	Nut – Lock	87	19	16
3296-2	Nut – Lock	11	21	6
3296-2	Nut – Lock	77	34	8
3296-3	Nut – Lock	32	29	2
3296-9	Nut – Lock	6	14	2
3296-9	Nut – Lock	33	37	2
3296-23	Nut – Lock	15	14	1
3296-29	Nut – Lock	1	12	4
3296-29	Nut – Lock	2	17	4
3296-41	Nut – Lock	84	8	2
3296-42	Nut – Keps	15	1	3
3296-42	Nut – Lock	14	4	4
3296-49	Nut – Lock	89	2	1
3296-49	Nut – Lock	4	20	1
3296-53	Nut – Lock	76	16	4
3296-53	Nut – Lock	86	31	8
3296-54	Nut – Lock	1	4	4
3296-59	Nut – Lock	32	35	2
3296-68	Nut – Lock	74	1	2
3296-68	Nut – Lock	71	11	1
3296-68	Nut – Lock	86	14	2
3296-68	Nut Lock	81	35	2
32103-3	Nut – Wing	40	33	2
32104-16	Screw – Tapping	13	7	4
32105-1	Screw – Hex. Socket Hd.	11	7	2
32105-1	Screw – Machine	79	11	4
32105-1	Screw – Machine	80	16	4
32105-1	Screw – Machine	77	27	8
32105-1	Screw – Pan Hd.	87	21	16
32105-12	Screw – Cap Hex. Hd.	13	17	2
32105-13	Screw – Hex. Hd.	11	8	4
32107-11	Nut – Square	42	27	2
32108-103	Screw – Flat Hd.	77	18	4
32108-103	Screw – Machine Flat Hd.	85	9	4
32108-103	Screw – Machine Flat Hd.	81	25	4
32108-103	Screw – Machine Flat Hd.	24	40	4
32120-22	Ring – Retaining Internal	28	24	2
32120-47	Ring – Retaining	74	31	2
32120-47	Ring – Retaining	84	14	16
32120-64	Ring – Retaining	1	25	2
32120-72	Ring – Retaining	80	5	1
32120-72	Ring – Retaining	77	21	1
32120-84	Ring – Retaining External	28	33	2
32121-4	Pin – Roll	1	13	1
32121-4	Pin – Roll	2	18	1
32121-4	Pin – Roll	79	28	2
32121-4	Pin – Roll	80	37	2
32121-6	Pin – Roll	79	18	2
32121-6	Pin – Roll	80	21	2
32121-34	Pin – Roll	85	17	2
32121-34	Pin – Roll	73	18	1
32121-49	Pin – Roll	84	17	2
32121-110	Pin – Roll	71	4	1
32121-110	Pin – Roll	86	17	2
32121-110	Pin – Roll	74	23	2
32121-110	Pin – Roll	81	27	2
32121-110	Pin Roll	85	24	4
32122-53	Screw – Pan Head	1	7	4
32122-53	Screw – Phil. Truss Hd.	11	9	2
32128-19	Nut – Lock, Flange Hd.	1	21	2
32128-20	Nut – Flange Lock	40	19	5
32128-20	Nut – Flange Lock	4	22	2
32128-20	Nut – Flange Lock	11	27	2
32128-20	Nut – Flange Lock	42	30	4
32128-20	Nut – Lock	9	13	1
32128-20	Nut – Lock	6	17	3
32128 -20	Nut – Lock	77	19	4
32128-20	Nut – Lock	27	38	4
32128-21	Nut – Flange Lock	33	2	2
32128-21	Nut – Flange Lock	87	4	12
32128-21	Nut – Flange Lock	89	9	6
32128-21	Nut – Flange Lock	77	10	6
32128-21	Nut – Flange Lock	79	10	6
32128-21	Nut – Flange Lock	80	22	6
32128-21	Nut – Lock	7	8	3
32128-23	Nut – Flange Lock	76	3	4
32128-23	Nut – Flange Lock	86	7	20
32128-23	Nut – Flange Lock	79	8	3
32128-23	Nut – Flange Lock	87	25	6
32128-23	Nut – Flange Lock	80	26	4
32128-23	Nut – Flange Lock	4	34	3
32128-23	Nut – Flange Lock	77	35	4
32128-23	Nut – Lock	71	8	12
32128-25	Nut – Lock	32	20	2
32128-43	Nut – Lock	76	19	16
32128-43	Nut – Lock	86	25	32
32128-45	Nut – Lock	86	8	8
32136-2	Nut – Castle	84	1	4
32136-2	Nut – Castle	71	41	2
32136-2	Nut – Slotted	74	36	2
32136-4	Nut – Castle	9	21	1
32136-5	Nut – Castle	71	28	2
32136-13	Nut – Castle	71	33	4
32140-40	Screw – Cap Hex. Hd.	19	3	5

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32144–11	Screw – Thread Forming	82	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.	41	54	6
32144–96	Screw – Mach. Round Hd.	4	42	3
32149–2	Nut – Keps	38	2	16
32149–2	Nut – Keps	9	4	4
32149–2	Nut – Keps	16	7	2
32149–2	Nut – Keps	68	8	3
32149–2	Nut – Keps	39	16	16
32149–2	Nut – Keps	7	20	2
32149–2	Nut – Keps	42	33	5
32149–2	Nut – Keps	25	55	2
32149–7	Nut	39	30	4
32149–7	Nut – Keps	11	23	3
32151–10	Ring – Retaining	71	14	2
32151–10	Ring – Retaining	85	21	2
32151–48	Ring – Retaining	76	8	4
32151–100	Ring – Retaining	32	2	2
32152–1	Nut	39	31	2
32152–1	Nut – Lock	7	2	2
32152–1	Nut – Lock	81	3	5
32152–1	Nut – Lock	85	7	4
32152–1	Nut – Lock	6	12	4
32152–1	Nut – Lock	27	13	8
32152–1	Nut – Lock	68	26	2
32152–1	Nut – Lock	24	36	1
32152–1	Nut – Lock	21	41	3
32152–1	Nut – Lock	25	42	4
32152–1	Nut – Lock	41	57	2
32152–1	Nut – Lock	43	57	2
32152–2	Nut – Lock	81	5	6
32152–2	Nut – Lock	22	16	4
32152–2	Nut – Lock	68	22	4
32152–2	Nut – Lock	40	27	7
32152–2	Nut – Lock	72	47	2
32152–4	Nut – Lock	85	1	4
32152–4	Nut – Lock	27	12	6
32152–4	Nut – Lock	6	15	2
32152–4	Nut – Lock	33	27	2
32152–4	Nut – Lock	25	45	2
32152–4	Nut Lock	81	23	3
32153–3	Nut – Lock	33	44	1
32153–5	Nut – Lock	40	26	2
32153–5	Nut – Lock	42	41	8
32153–6	Nut – Lock	81	4	22
32153–6	Nut – Lock	74	20	2
32153–6	Nut Lock	38	24	2
340–2	Fitting – Hydraulic Straight	16	23	3
340–2	Fitting – Hydraulic Straight	18	26	5
340–2	Fitting – Hydraulic Straight	87	11	2
340–3	Fitting – Hydraulic Straight	16	13	2
340–3	Fitting – Hydraulic Straight	20	22	1
340–4	Fitting – Hydraulic Straight	18	23	2
340–8	Fitting – Hydraulic Straight	87	6	4
340–9	Fitting – Hydraulic St. L.H.	28	10	1
340–9	Fitting – Hydraulic Straight	69	18	7
340–15	Fitting – Hydraulic Elbow	33	20	3
340–18	Fitting – Hydraulic 90° Elbow	21	6	2
340–22	Fitting – Hydraulic Tee	21	2	1
340–65	Seal – O–Ring	69	12	2
340–65	Seal – O–Ring	21	22	1
340–65	Seal – O–Ring	40	28	3
340–68	Fitting – Hydraulic Bulk. Tee	74	14	1
340–68	Fitting – Hydraulic Bulkhead	71	2	2
340–70	Nut – Bulkhead	24	4	6
340–70	Nut – Bulkhead	74	13	1
340–70	Nut – Bulkhead	81	15	10
340–70	Nut – Bulkhead	72	48	2
340–74	Nut – Bulkhead	81	11	4
340–77	Fitting – Hydraulic Elbow	74	19	2
340–77	Fitting – Hydraulic Elbow	81	41	4
340–78	Nut – Bulkhead	27	34	4
340–79	Fitting – Hydraulic 90°Elbow	21	23	1
340–82	Fitting – Hydraulic Elbow	28	4	2
340–86	Fitting – Hydraulic Tee	16	15	2
340–87	Fitting – Hydraulic Elbow	74	5	2
340–91	Fitting – Hydraulic Straight	28	6	4
340–92	Fitting – Hydraulic Straight	18	7	2
340–92	Fitting – Hydraulic	25	56	1
340–94	Tee – Hydraulic	18	35	1
340–105	Fitting – Hydraulic Elbow	34	55	1
340–123	Fitting – Hydraulic	25	61	1
340–124	Fitting – Hydraulic Straight	40	16	2
340–125	Fitting – Hydraulic	25	59	1
340–126	Nut – Bulkhead	24	3	2
340–127	Nut – Bulkhead	24	29	2
340–128	Nut – Bulkhead	27	3	2
340–129	Fitting – Hydraulic Elbow	69	13	1
340–130	Fitting – Hydraulic Elbow	34	54	1
340–131	Fitting – Hydraulic Elbow	33	16	1
340–132	Fitting – Hydraulic Elbow	71	44	4
340–133	Fitting – Hydraulic Straight	4	32	3
340–134	Fitting – Hydraulic Elbow	33	48	1
340–135	Seal – O–Ring	22	7	2
340–136	Seal – O–Ring	21	37	1
340–142	Fitting – Hydraulic Elbow	77	4	2
340–142	Fitting – Hydraulic Elbow	69	15	1
340–142	Fitting – Hydraulic Elbow	29	43	2
340–148	Fitting – Hydraulic Tee R.H.	28	*	1
340–150	Cap – Hydraulic	21	38	1
353–375	Fitting – Hydraulic 90° Elbow	24	12	2
353–431	Fitting – Hydraulic 45° Elbow	69	42	2
353–566	Tee – Hydraulic	18	16	1
353–781	Fitting – Fuel 90 Elbow	19	16	1
353–781	Fitting – Fuel Elbow	66	3	2
353–947	Cap – Fitting	26	2	8
353–988	Plug	69	39	4
353–989	Plug	69	6	1
353–990	Plug	69	34	1
353–990	Plug – Hose	18	3	2
353–991	Plug	69	31	30
353–991	Plug – Hole	18	12	8
353–992	Flange – Fitting	22	6	4
353–994	Adapter	7	10	1
353–997	Fitting – Hydraulic Bulkhead	26	3	8
354–42	Flange – Half	22	10	2
354–95	Fitting	41	51	1
354–104	Ring – Backup	32	5	2
354–105	Ring – Backup	32	10	2

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