FORM NO. 3315–835 Rev. A

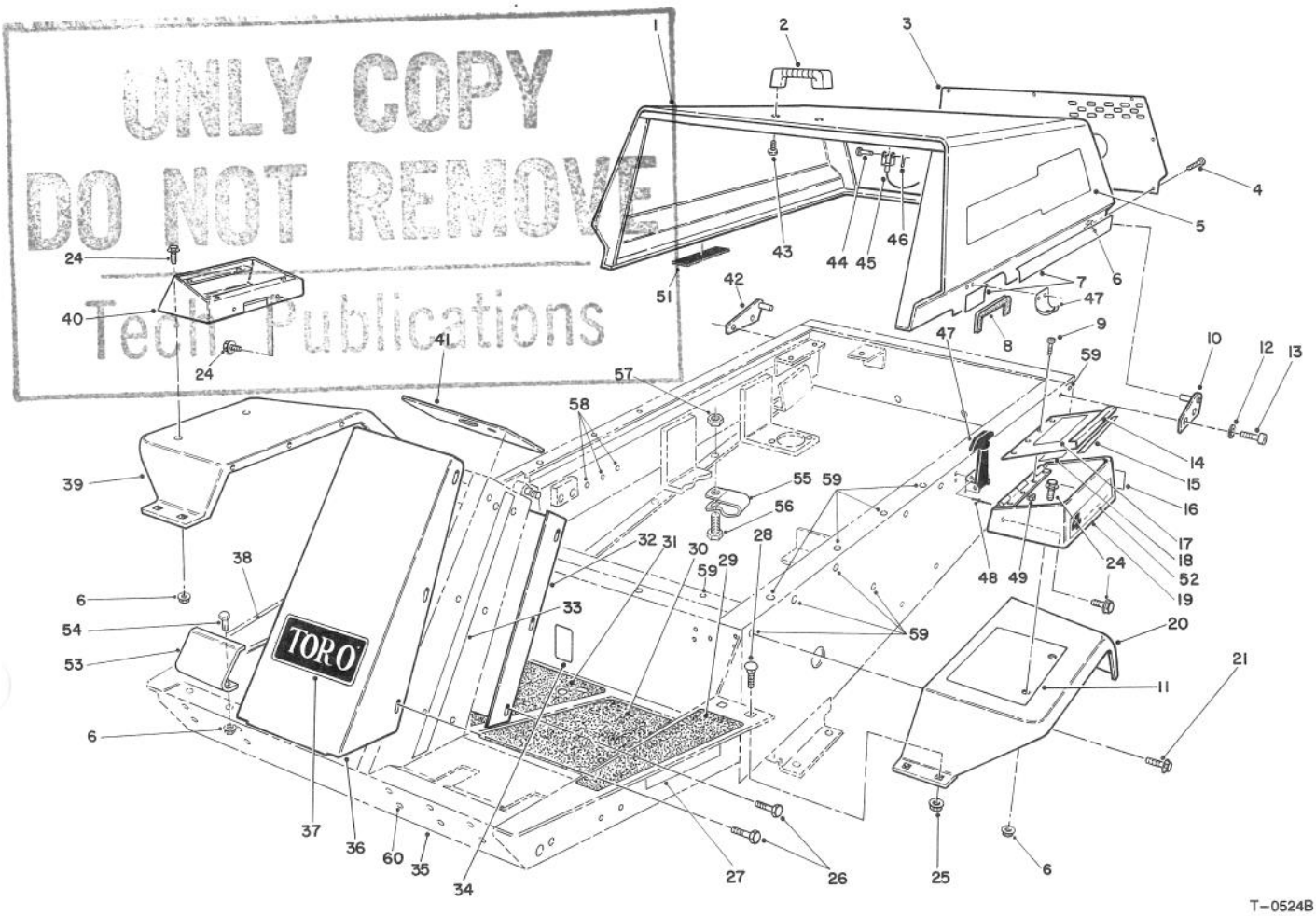
TORO®

MODEL NO. 30223–40001 & UP

PARTS CATALOG

GROUNDSMASTER® 223–D
TRACTION UNIT

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BODY ASSEMBLY

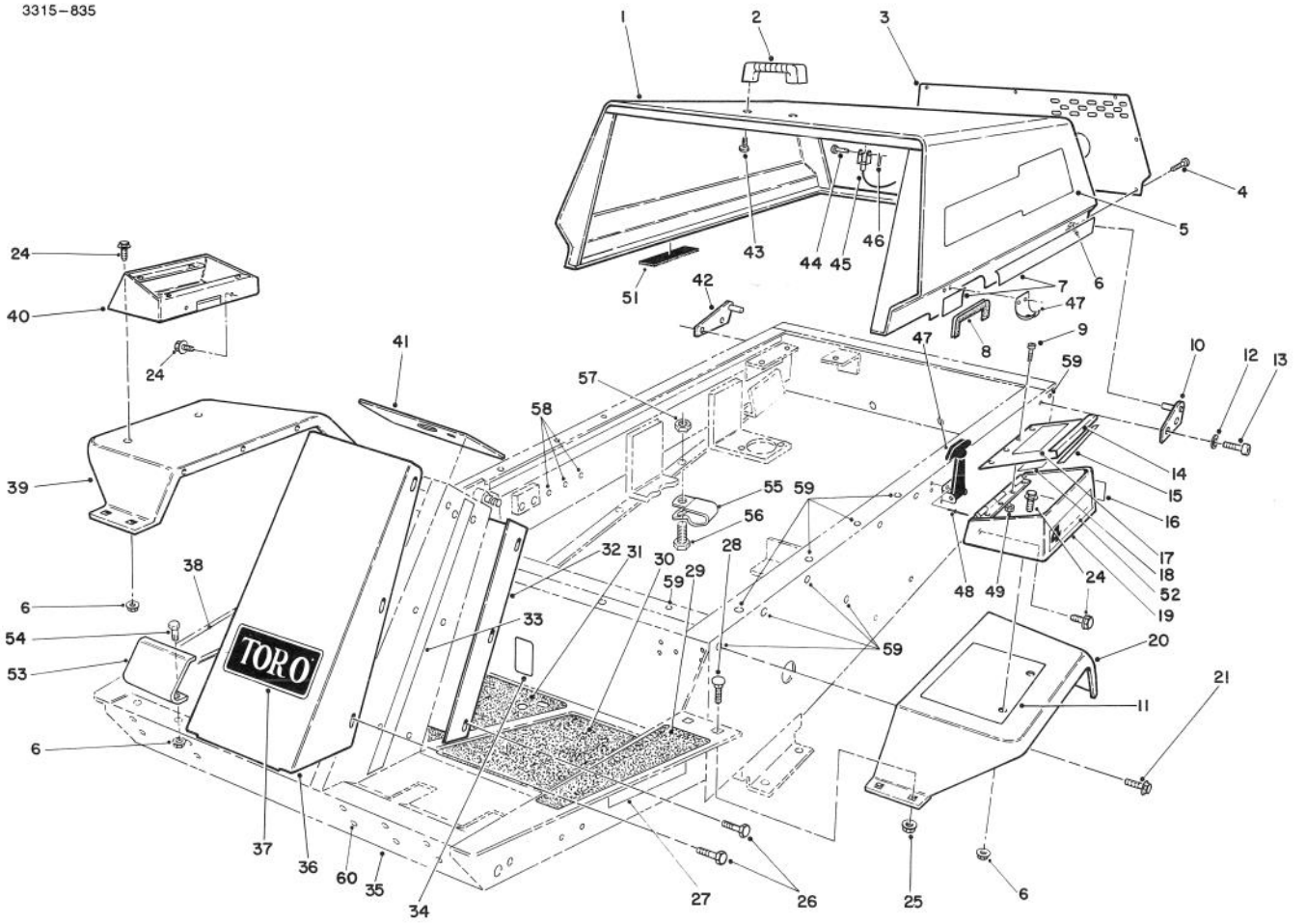
Ref. No.	Part No.	Description	No. Used
1	14–7149	Assembly – Hood	1
2	65–5100	Handle – Hood	1
3	63–7030	Screen – Hood	1
4	321–3	Screw – Cap Hex. Hd.	7
5	84–1950	Decal – GM 223–D	2
6	32128–33	Nut – Flange	13
7	66–8680	Decal – Hood L.H.	1
*	66–8670	Decal – Hood R.H.	1
8	66–8110	Trim – Hood	1
9	3290–359	Screw – Machine	4
10	63–6900	Plate Hinge L.H.	1
11	76–4790	Pad – Rubber	1
12	3255–8	Washer – Lock	4
13	3274–32	Screw – Hex. Hd. Socket	4
14	66–3040	Cover – Tool Box	1
15	66–3050	Strip – Magnetic	1
16	27–7310	Decal (Over Fill caution)	1

Ref. No.	Part No.	Description	No. Used
17	92–8797	Decal – Caution	1
18	84–1960	Decal – Service	1
19	92–6501	Assembly – Tool Box (Incl. Ref. #16)	1
20	63–7310	Fender L.H.	1
21	3234–14	Screw – Flange Hd.	8
24	3234–13	Screw – Flange Hd.	8
25	32128–20	Nut – Flange	4
26	46–6810	Screw – Cap Hex. Hd.	13
27	67–1720	Decal – Caution	2
28	3230–23	Bolt – Carriage	4
29	66–3200	Tread – Foot Rest L.H.	1
30	66–3210	Tread – Foot L.H.	1
31	92–5540	Tread – Foot R.H.	1
32	63–7320	Cover – Tower Rear	1
33	66–8760	Decal – Tower L.H.	1
*	66–8770	Decal – Tower R.H.	1

*Not Illustrated

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TPS

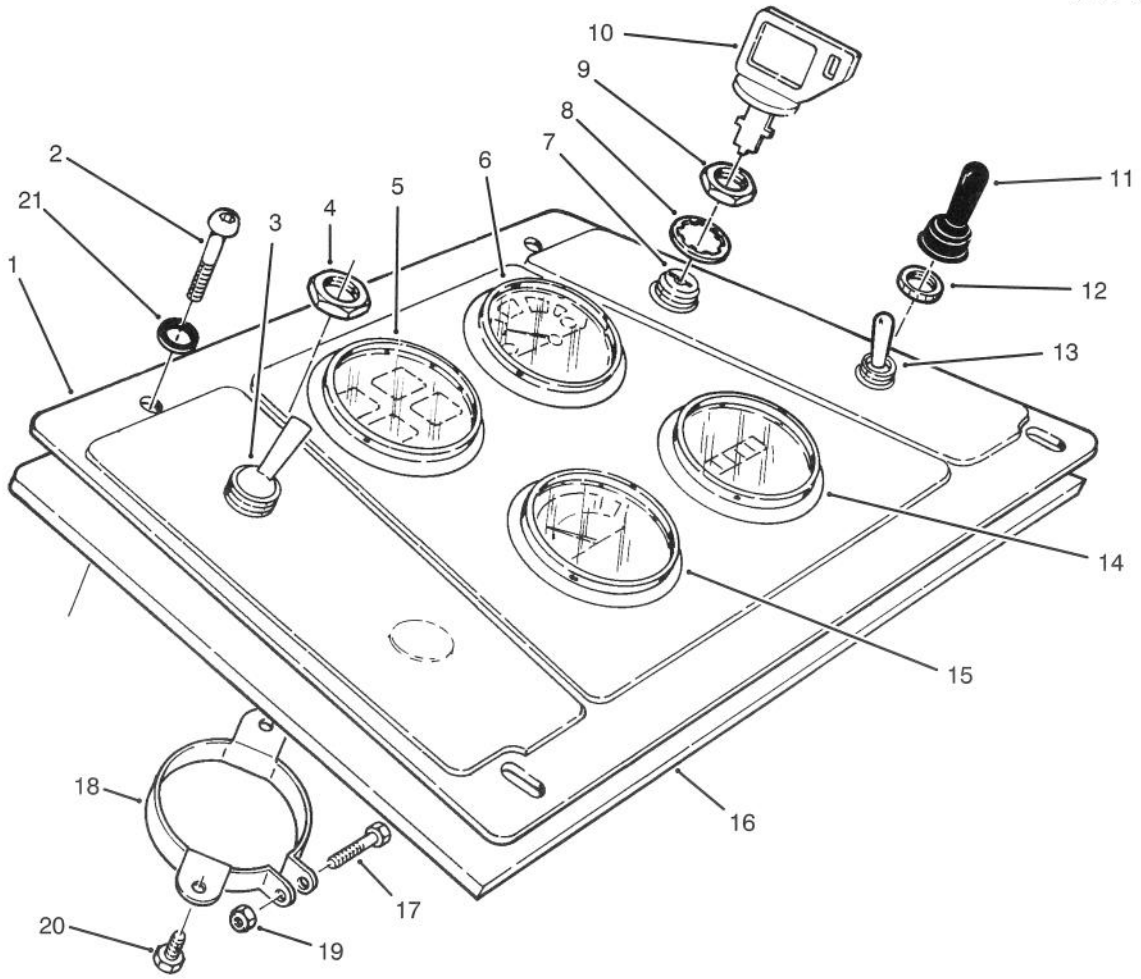


T-0524B

BODY ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
34	53-4430	Decal - Oil	1
35	92-6500	Assembly - Frame (Incl. Ref. #27, 29-31, 34, 38 & 58-60)	1
36	92-5545	Cover - Tower Front	1
37	62-5550	Decal - TORO	1
38	92-5772	Decal Traction Pedal	1
39	63-7300	Fender - R.H.	1
40	63-8050	Box - Control	1
41	66-2470	Plate - Tower	1
42	63-6890	Plate - Hinge R.H.	1
43	46-8091	Screw - Cap Hex. Hd.	2

Ref. No.	Part No.	Description	No. Used
44	283-58	Pin - Clevis	1
45	66-2870	Cable - Hood Stop	1
46	3272-10	Pin - Cotter	1
47	59-9740	Assy. - Latch, Flex. Draw	1
48	3290-271	Rivet	4
49	3296-12	Nut - Hex.	4
51	82-8950	Foam	2
53	92-5548	Shield - Pedal Stop	1
54	321-4	Screw - Cap Hex. Hd.	2
58	32148-9	Nut - Clinch	3
59	32148-7	Nut - Clinch	22
60	32148-10	Nut - Clinch	10

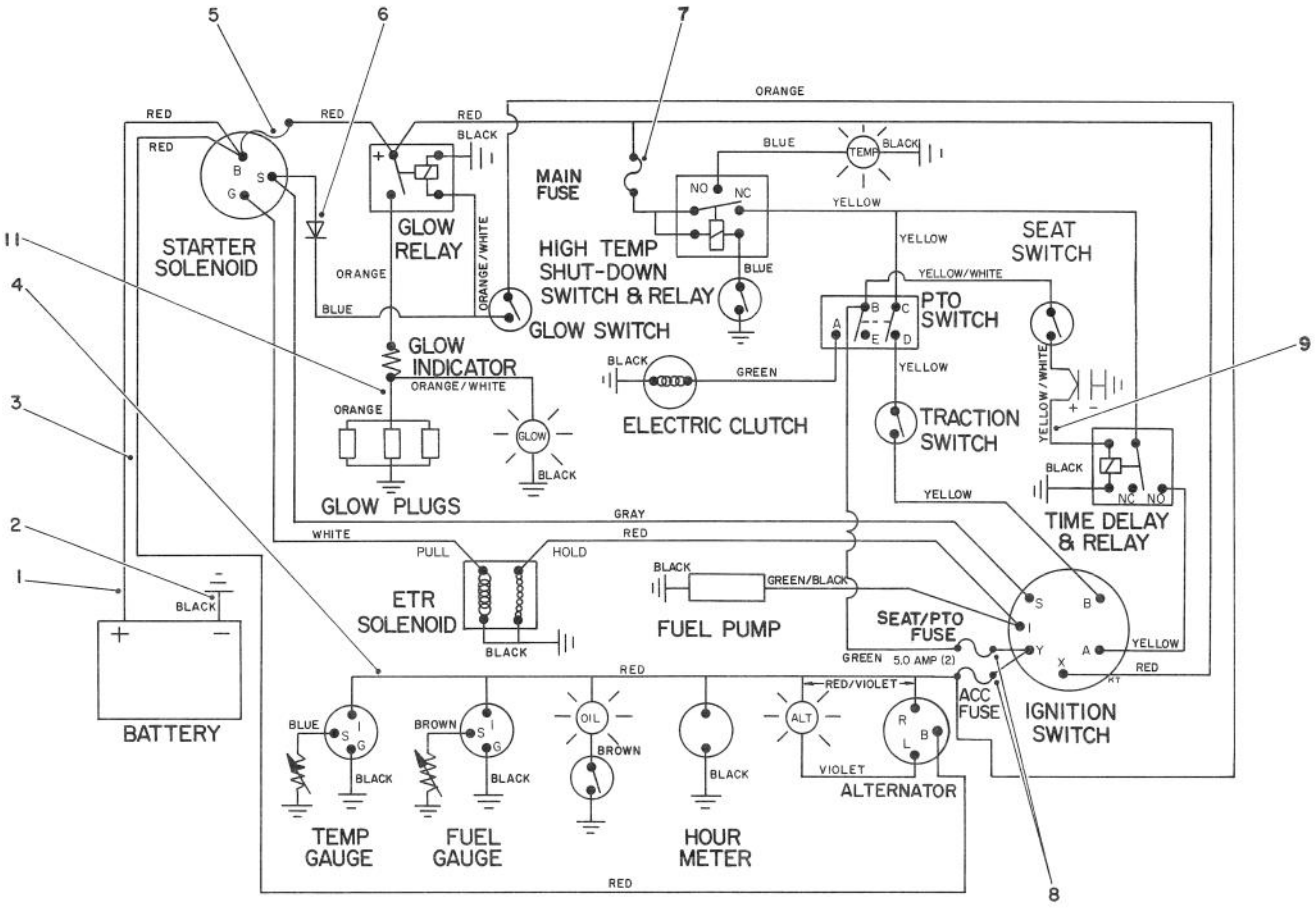


T–0525

CONTROL PANEL ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	66–2460	Panel – Control	1
2	3274–65	Screw – Socket Button Hd.	4
3	85–4980	Switch – PTO (Incl. Ref. #4)	1
4	218–576	Nut – Hex.	1
5	66–2960	Cluster – Warning Light	1
6	66–2940	Gage – Fuel	1
7	27–2360	Switch – Ignition (Incl. Ref. #8–10)	1
8	218–447	Washer – Lock	1
9	218–446	Nut – Hex.	1
10	63–8360	Key – Ignition	1

Ref. No.	Part No.	Description	No. Used
11	218–473	Boot – Switch	1
12	218–497	Nut – Face	1
13	6–1659	Switch – Glow Plugs (Incl. Ref. #11 & 12)	1
14	66–2950	Meter – Hour	1
15	63–7430	Gage – Temperature	1
16	85–7560	Plate – Control Panel	1
17	32105–1	Screw	1
18	69–4780	Clamp – Gauge	1
19	3296–2	Nut – Lock	1
20	32144–1	Screw – Hex. Hd.	2
21	3256–1	Washer – Flat	4

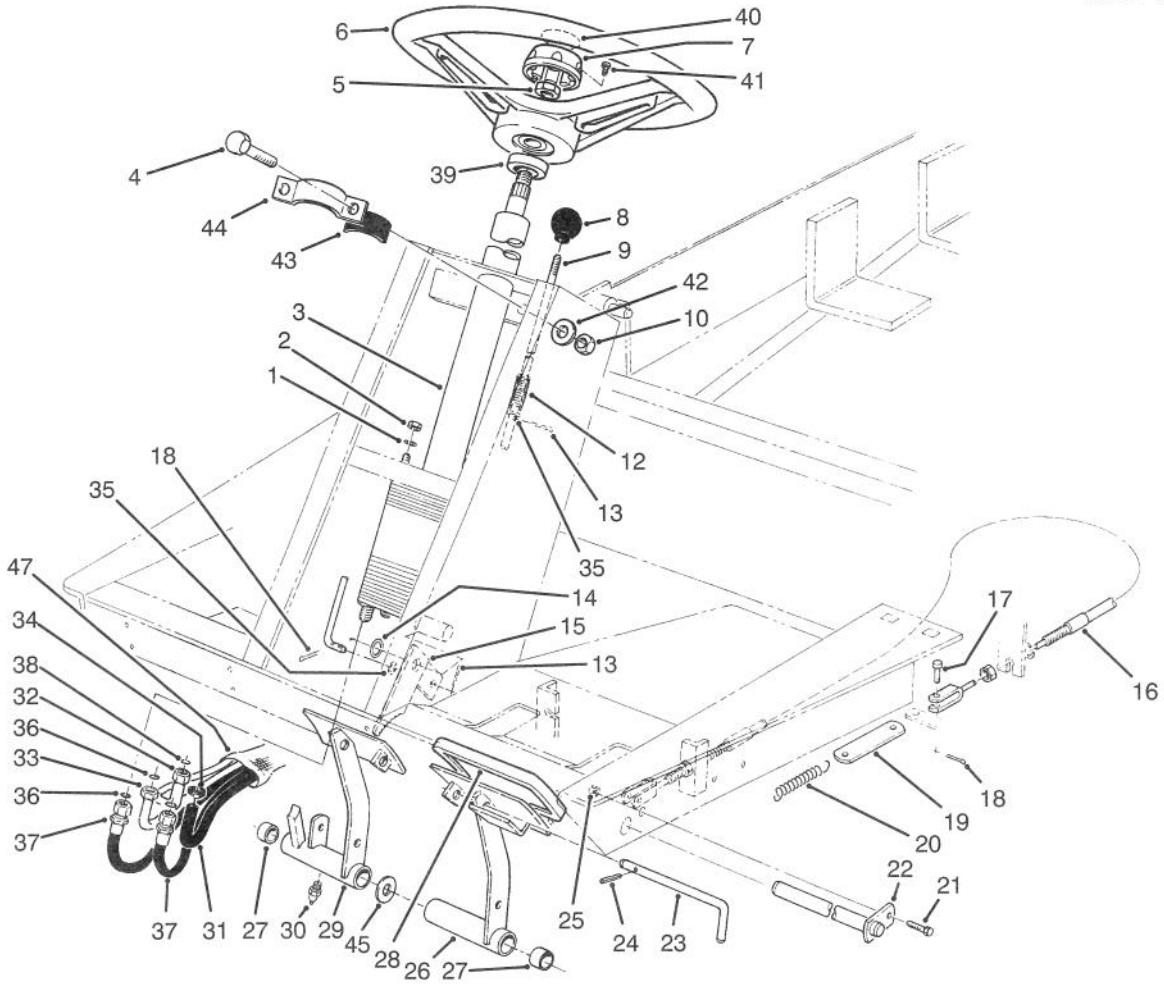


T–0526

ELECTRICAL SCHEMATIC

Ref. No.	Part No.	Description	No. Used
1	43–4031	Wire – Positive	1
2	63–7340	Wire – Ground	1
3	85–7540	Wire Harness (Incl. Ref. #5 & 6)	1
4	66–8690	Lamp Harness (Incl. Ref. #10)	1
5	67–7120	Fusible Link	1

Ref. No.	Part No.	Description	No. Used
6	86–7470	Diode	1
7	218–574	Fuse 7.5A	1
8	218–573	Fuse 5.0A	2
9	67–7180	Wire – Seat	1
10	219–17	Bulb – Light	4
11	68–7370	Wire – Glow	1
12	68–7380	Assembly – Connector	1



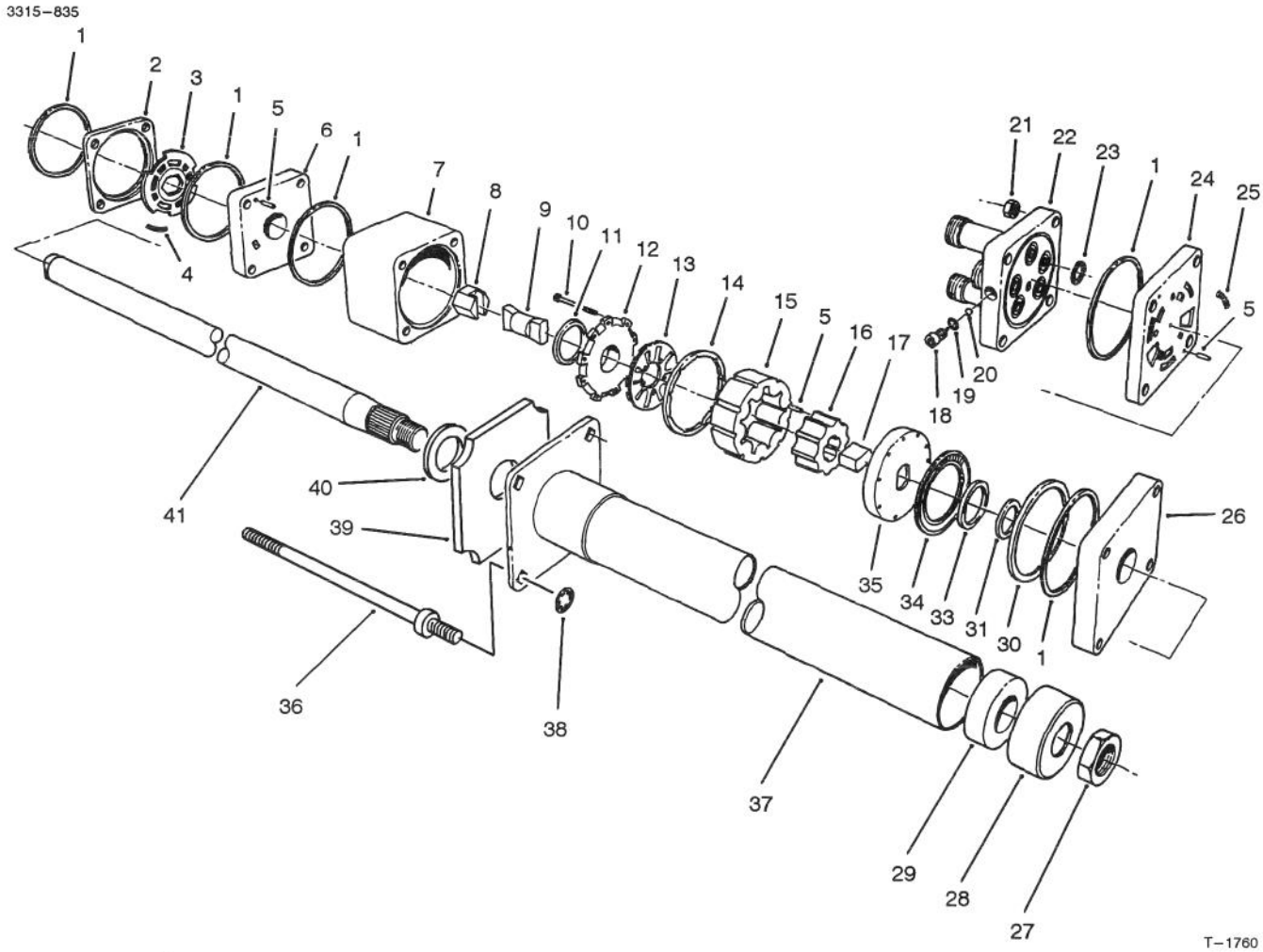
T–1247A

POWER STEERING & BRAKE PEDAL ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3256–23	Washer – Flat	4
2	3296–20	Nut – Lock	4
3	92–7308	Valve – Power Steering (Incl. Ref. #7)	1
4	322–5	Screw – Cap Hex. Hd.	2
5	3220–6	Nut –Hex.	1
6	75–0560	Wheel – Steering (Incl. Ref. #7 & 41)	1
7	68–5140	Cap – Steering Wheel (Incl. Ref. #41)	1
8	233–17	Knob	1
9	63–7910	Rod – Brake Latch	1
10	3296–29	Nut – Lock	2
12	3–3251	Spring	1
13	3272–5	Pin – Cotter	3
14	3256–26	Washer – Flat	1
15	63–7900	Rack – Brake	1
16	63–7730	Assy. – Cable, Brake R.H.	1
*	63–7731	Assy. – Cable, Brake L.H.	1
17	283–58	Pin – Clevis	4
18	3272–10	Pin – Cotter	5
19	63–6750	Link – Brake Cable	2
20	3–7243	Spring – Return	2
21	321–3	Screw – Cap Hex. Hd.	1
22	63–6210	Pin – Brake	1
23	63–7880	Pin – Brake Latch	1

Ref. No.	Part No.	Description	No. Used
24	32121–50	Pin – Roll	1
25	3296–42	Nut – Lock	1
26	63–6180	Pedal – L.H. Brake (Incl. Ref. #27 & 30)	1
27	256–42	Bushing	4
28	7–3900	Foot Pad – Brake	2
29	63–6190	Pedal – R.H.Brake (Incl. Ref. #27 & 30)	1
30	302–5	Fitting – Grease	2
31	66–8140	Hose	1
32	66–8630	Tube – Hydraulic (Str.–Lift)	1
33	66–8620	Tube Hydraulic (Pump–Str.)	1
34	2412–36	Clamp	2
35	3256–22	Washer – Flat	3
36	237–30	O–Ring	2
37	66–8170	Hose – Hydraulic	2
38	237–22	O–Ring	2
39	21–9260	Cover – Dust	1
40	68–5370	Decal – Toro	1
41	32144–21	Screw – Pan Hd. Phillips	1
42	3256–23	Washer – Flat	2
43	84–7670	Foam – Column Support	2
44	84–7660	Clamp – Column	1
45	3256–69	Washer – Flat	A/R
47	44–8530	Sock – Hose	1

*Not Illustrated

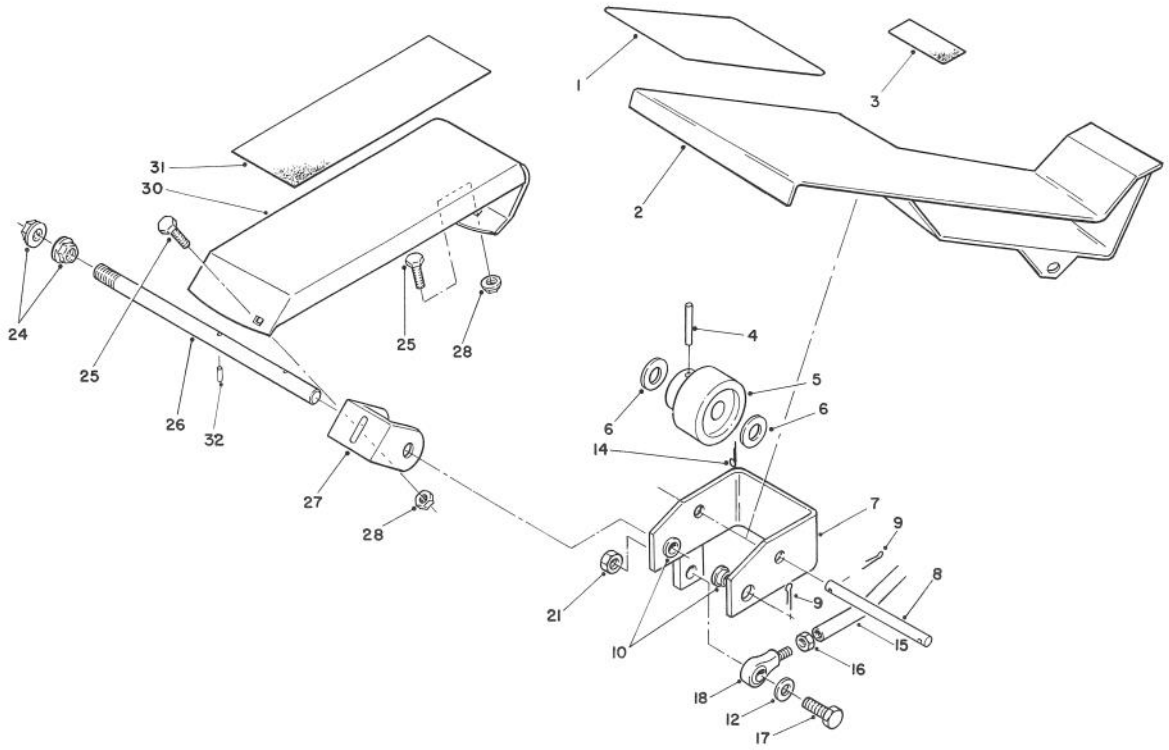


STEERING VALVE ASSEMBLY NO. 92–7308

Ref. No.	Part No.	Description	No. Used
1		Ring – Seal	5
2		Ring – Valve	11
3		Plate – Valve	
4		Spring	3
5		Pin – Alignment	9
6		Manifold – Isolation	1
7		Ring – Metering	1
8		Assembly – Hex. Drive	1
9		Link – Drive	1
10		Screw – Hex. Socket Hd.	11
11		Seal – Commutator	1
12		Cover – Commutator	1
13		Commutator	1
14		Ring – Commutator	1
15		Stator	1
16		Rotor	1
17		Spacer – Drive Link	1
18		Plug	1
19		O–Ring	1
20		Ball	1
21		Nut – Hex.	4
22		Cover – Port	1
23		O–Ring	5
24		Manifold – Port	1
25		Spring	3

Ref. No.	Part No.	Description	No. Used
26		Plate – Upper Cover	1
27	3220–6	Nut	1
28	92–7315	Seal	1
29		Bearing	1
30		Spacer – Bearing, Thrust	1
31		Spacer– Seal	1
33		Seal – Face	1
34		Bearing – Thrust	1
35		Plate – Drive	1
36	92–7310	Bolt – Special	4
37		Upper Cover & Jacket	1
38	92–7316	Nut – Push On	4
39	92–7317	Foam	1
40		Washer – Retaining	1
41		Shaft – Input	1
*	66–9970	Kit – Spring (Incl. Ref. #4 & 25)	1
*	66–9980	Kit – Seal (Incl. Ref. #1, 11, 19, 23 & 33)	1
*	66–9990	Kit – Needle Roller (Incl. Ref. #5)	1
*	92–7314	Assembly – Column (Incl. Ref. #27–29 & 37–41)	1

*Not Illustrated

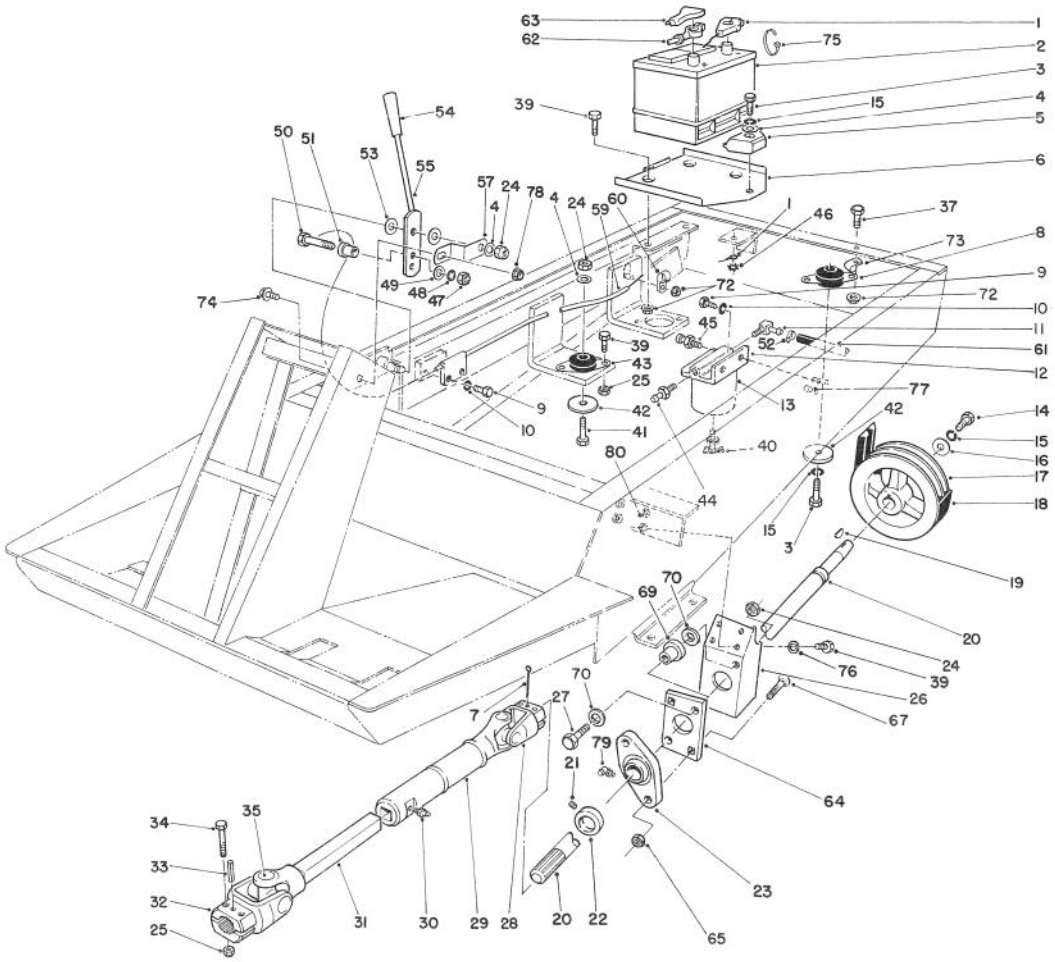


T–1806

TRACTION PEDAL ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	92–5538	Pad – Traction Pedal Front	1
2	92–5092	Pedal – Traction	1
3	92–5539	Pad – Traction Pedal Rear	1
4	32121–6	Pin – Roll	1
5	28–5220	Wheel – Friction	1
6	5–7570	Washer	2
7	92–8854	Bracket – Pivot	1
8	92–5537	Pin – Pedal Pivot	1
9	3272–10	Pin – Cotter	2
10	256–156	Bushing – Flange	2
12	3256–24	Washer – Flat	1
14	3272–6	Pin – Cotter	1
15	63–6410	Rod – Pump Control	1

Ref. No.	Part No.	Description	No. Used
16	3220–3	Nut – Jam	1
17	323–29	Screw – Cap Hex. Hd.	1
18	2411–36	End – Rod	1
21	3296–39	Nut – Lock	1
24	32128–56	Nut – Flange	2
25	3230–2	Bolt – Carriage	2
26	92–5534	Shaft – Traction Pedal	1
27	92–5077	Bracket – Footrest	1
28	32128–44	Nut – Flange, Lock	2
30	92–5514	Footrest	1
31	92–5750	Pad – Footrest	1
32	32121–50	Pin – Roll	1



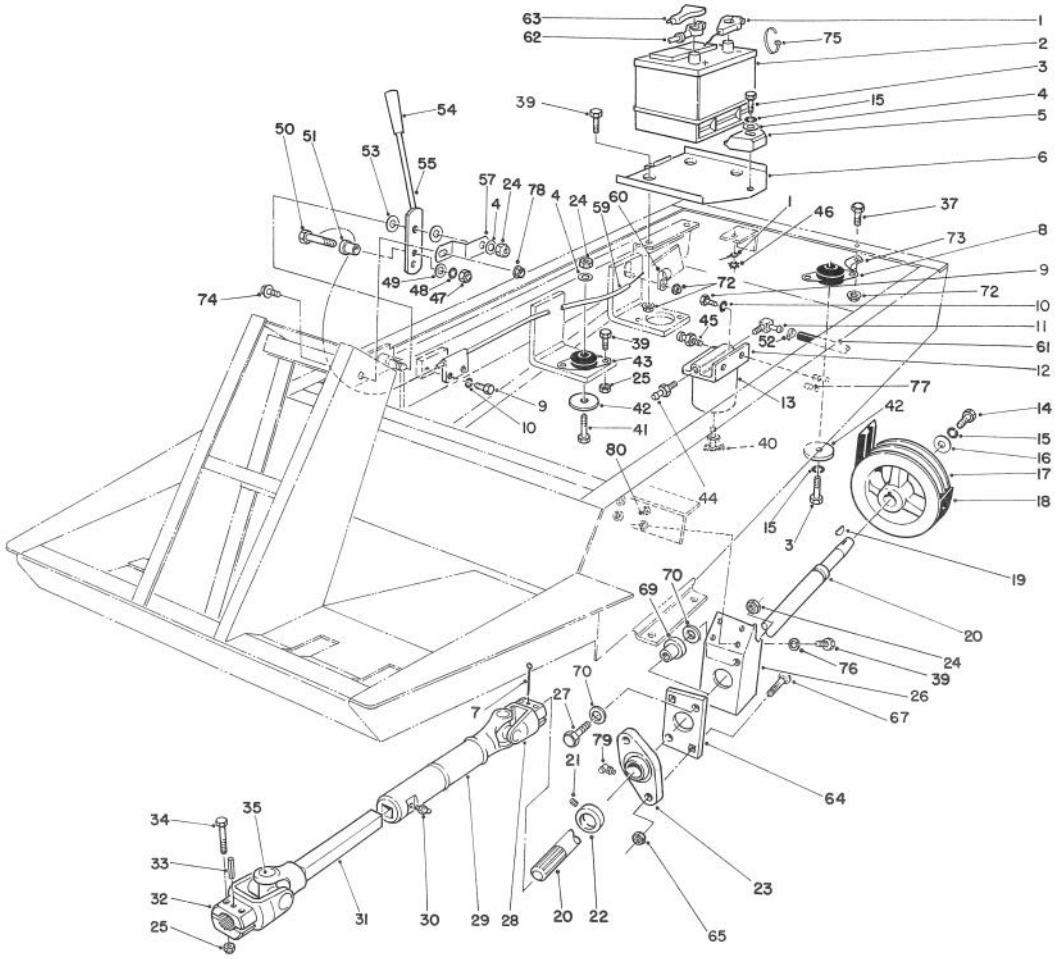
T–0530A

POWER TAKE OFF, BATTERY, AND ENGINE MOUNT ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	63–7340	Wire – Ground	1
†2		Battery Type 26 SMF–5	1
3	323–9	Screw – Cap Hex. Hd.	2
4	3256–24	Washer – Flat	4
5	66–2490	Clamp – Battery Retainer	1
6	66–2330	Base – Battery	1
7	3272–15	Pin – Cotter	1
8	63–7141	Mount – Shock (Red)	1
9	321–4	Screw – Cap Hex. Hd.	4
10	3253–3	Washer – Lock	4
11	353–781	Fitting 90°	1
12	63–8280	Assembly – Head	1
13	63–8300	Element – Spin–On	1
14	323–18	Screw – Cap Hex. Hd.	1
15	3253–21	Washer – Lock	3
16	29–4730	Washer – PTO	1
17	43–5320	Pulley – PTO	1
18	63–6240	Belt – PTO	1
19	3257–5	Key – Woodruff	1
20	92–8855	Shaft – PTO	1
21	3246–1	Screw – Set	1
22	251–77	Collar – Locking	1
23	92–8799	Bearing – PTO Shaft (Incl. Ref. #21 & 22)	1
24	3296–39	Nut – Lock	7

Ref. No.	Part No.	Description	No. Used
25	3296–29	Nut – Lock	12
26	92–8751	Bracket – PTO Bearing	1
27	323–10	Screw – Cap Hex. Hd.	2
28	54–9090	Yoke – End	1
29	54–9170	Tube – Slip Yoke	1
30	302–58	Fitting – Grease	1
31	54–9050	Shaft – Slip Yoke	1
32	54–9040	Yoke – End	1
33	32121–34	Pin – Roll	1
34	322–9	Screw – Cap Hex. Hd.	4
35	54–9180	Kit – Universal Joint	2
37	322–3	Screw – Cap Hex. Hd.	1
39	322–5	Screw – Cap Hex. Hd.	15
40	63–8310	Valve – Drain	1
41	323–11	Screw – Cap Hex. Hd.	3
42	63–7400	Washer – Rebound	4
43	63–7142	Mount – Shock (Yellow)	3
44	353–783	Fitting – Straight	1
45	63–8290	Vent – Air	1
46	3255–8	Washer – Lock	1
47		Nut – Hex.	1
48		Washer – Lock I.T.L.W.	1
49		Washer – Flat	1
50		Screw – Special	1
51		Sleeve – Connector	1

†Obtain Locally



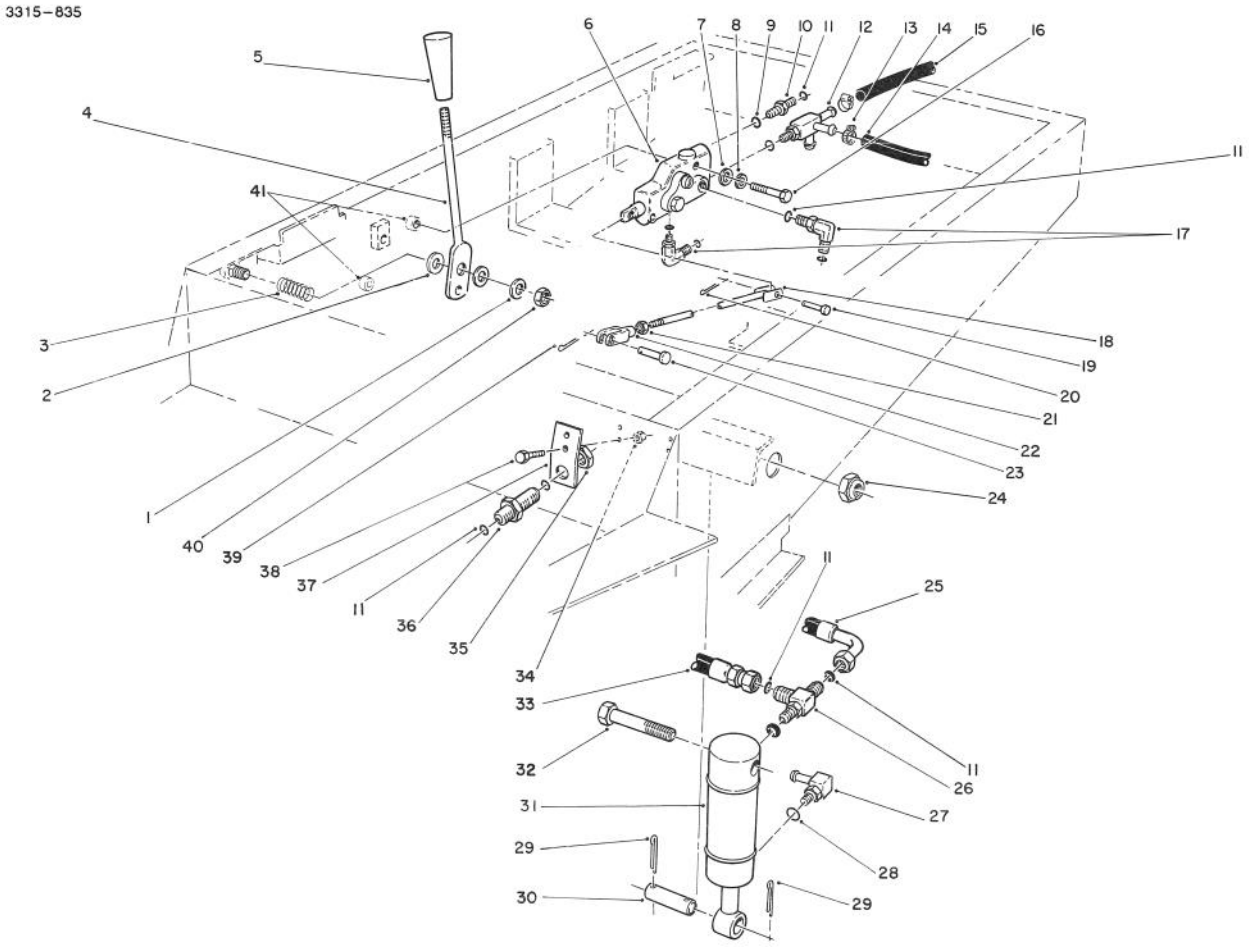
T-0530A

POWER TAKE OFF, BATTERY, AND ENGINE MOUNT ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
52	2412-108	Clamp	2
53	66-2920	Washer - Friction	2
54	233-39	Knob	1
55	71-3500	Lever - Throttle	1
57	66-2670	Bracket - Throttle	1
59	76-1000	Cable - Throttle	1
60	92-5753	R-Clamp	1
61	63-7610	Hose	1
62	43-4031	Cable - Battery Positive	1
63	28-1280	Boot - Positive Cable	1
64	84-7580	Plate - Bushing Support	1
65	32149-1	Nut -Lock	2
67	3230-4	Bolt - Carriage	2
69	63-9750	Mount	2

Ref. No.	Part No.	Description	No. Used
70	63-8410	Washer - Flat	4
72	32128-20	Nut - Flange	5
73	2412-104	R-Clamp	1
74	3234-13	Screw - Flange Hd.	1
75	3290-378	Tie - Cable	1
76	3253-4	Washer - Lock	4
77	32148-11	Nut - Clinch	2
78	32128-33	Nut - Flange Hd.	1
79	302-40	Fitting - Grease	1
80	32148-8	Nut - Clinch	4
*	63-6760	Swivel - Throttle Cable (Incl. Ref. #47-51)	1
*	54-7950	Drive Shaft Assembly (Incl. Ref. #28-32 & 35)	1

*Not Illustrated

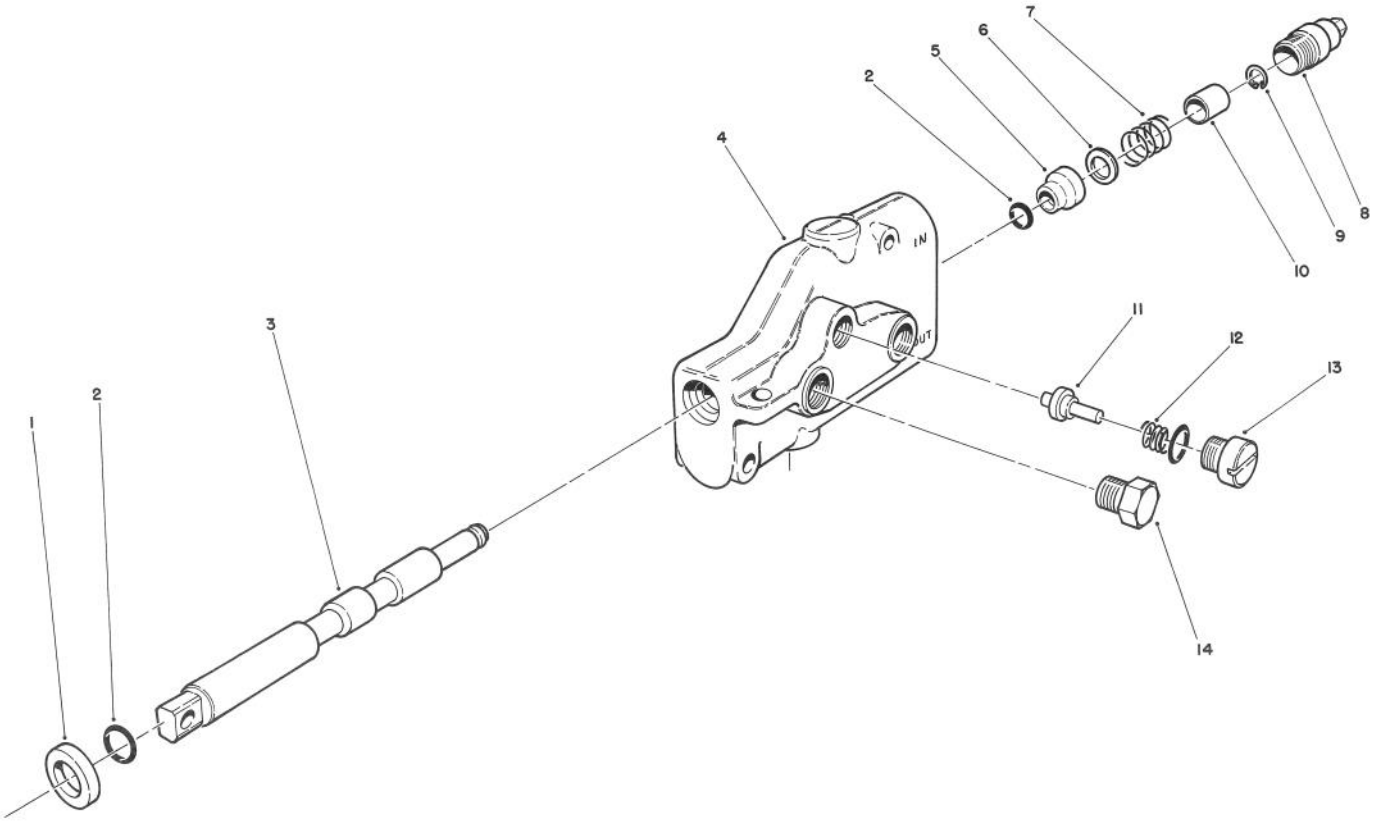


HYDRAULIC LIFT SYSTEM ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3256–23	Washer – Flat	1
2	3256–26	Washer – Flat	2
3	70–7530	Spring – Compression	1
4	66–2720	Lever – Lift	1
5	233–39	Knob	1
6	63–7960	Valve – Lift	1
7	3256–22	Washer – Flat	2
8	3253–3	Washer – Lock	2
9	237–65	Seal – O–Ring	5
10	340–2	Fitting – Straight (Incl. Ref. #9 & 11)	1
11	237–22	Seal – O–Ring	7
12	66–3130	Fitting – Tee (Incl. Ref. #9)	1
13	2412–36	Clamp – Hose	3
14	66–8150	Hose – Hydraulic	1
15	66–8500	Hose	1
16	321–11	Screw – Cap Hex. Hd.	2
17	340–77	Fitting – 90° Elbow (Incl. Ref. #9 & 11)	2
18	76–4830	Rod – Tie	1
19	283–16	Pin – Clevis	1
20	3272–5	Pin – Cotter	1
21	3220–2	Nut – Jam, R.H.	1
22	282–27	Clevis	1
23	283–58	Pin – Clevis	1

Ref. No.	Part No.	Description	No. Used
24	3296–15	Nut – Lock	2
25	66–8190	Assembly – Hose, Hydraulic	1
26	340–86	Fitting – Tee (Incl. Ref. #9 & 11)(Used On Cap End of Left Cyl.)	1
*	340–77	Fitting – 90° Elbow (Incl. Ref. #9 & 11)(Used On Cap End of Right Cyl.)	1
27	304–99	Fitting – 90° Elbow (Incl. Ref. #28)	2
28	237–22	O–Ring	2
29	3272–23	Pin – Cotter	4
30	27–4240	Pin – Cylinder	2
31	63–6630	Cylinder – Lift	2
32	3216–3	Screw – Cap Hex. Hd.	2
33	66–8640	Assembly – Hose, Hydraulic	1
34	3296–42	Nut – Lock	2
35	340–70	Nut – Fitting	1
36	340–71	Fitting – Bulkhead (Incl. Ref. #11 & 35)	1
37	63–7410	Bracket – Bulkhead	1
38	321–4	Screw – Cap Hex. Hd.	2
39	3272–31	Pin – Cotter	1
40	3296–29	Nut – Lock	1
41	32148–11	Nut – Clinch	2

*Not Illustrated



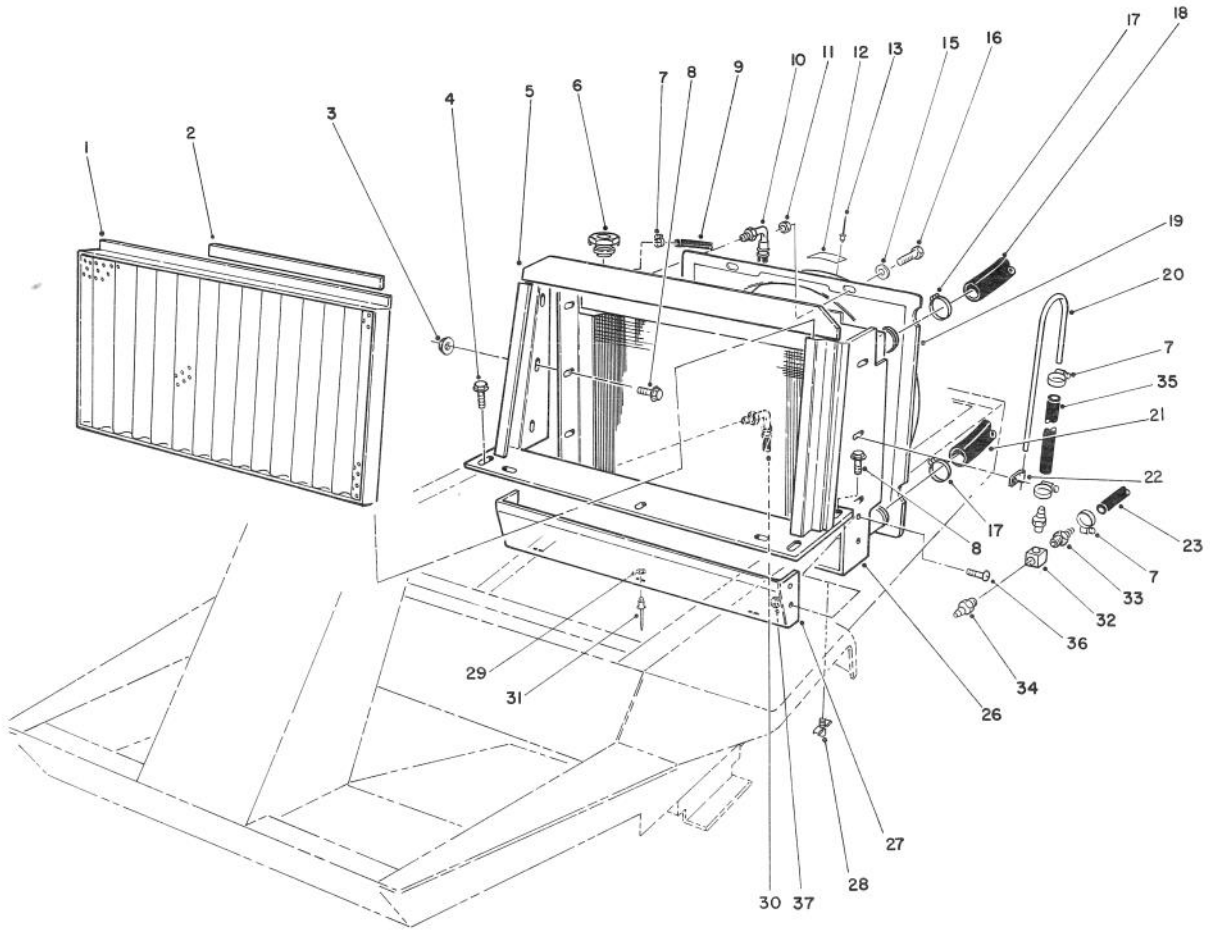
T-0532

LIFT VALVE ASSEMBLY NO. 63-7960

Ref. No.	Part No.	Description	No. Used
1	58-6320	Wiper - Seal	1
2	58-6450	O-Ring	2
3		Spool	1
4		Body	1
5	58-6400	Bushing	1
6	65-2770	Washer	1
7	65-2950	Spring	1
8	58-6420	Assembly - Cap	1

Ref. No.	Part No.	Description	No. Used
9	58-6460	Ring - Retaining	1
10	65-2740	Spacer	1
11	65-2750	Plunger	1
12	65-2760	Spring	1
13	65-2930	Assembly - Plug	1
14	353-508	Assembly - Plug	1
*	63-7960	Assembly - Lift Valve (Incl. Ref. #3 & 4)	1

*Not Illustrated

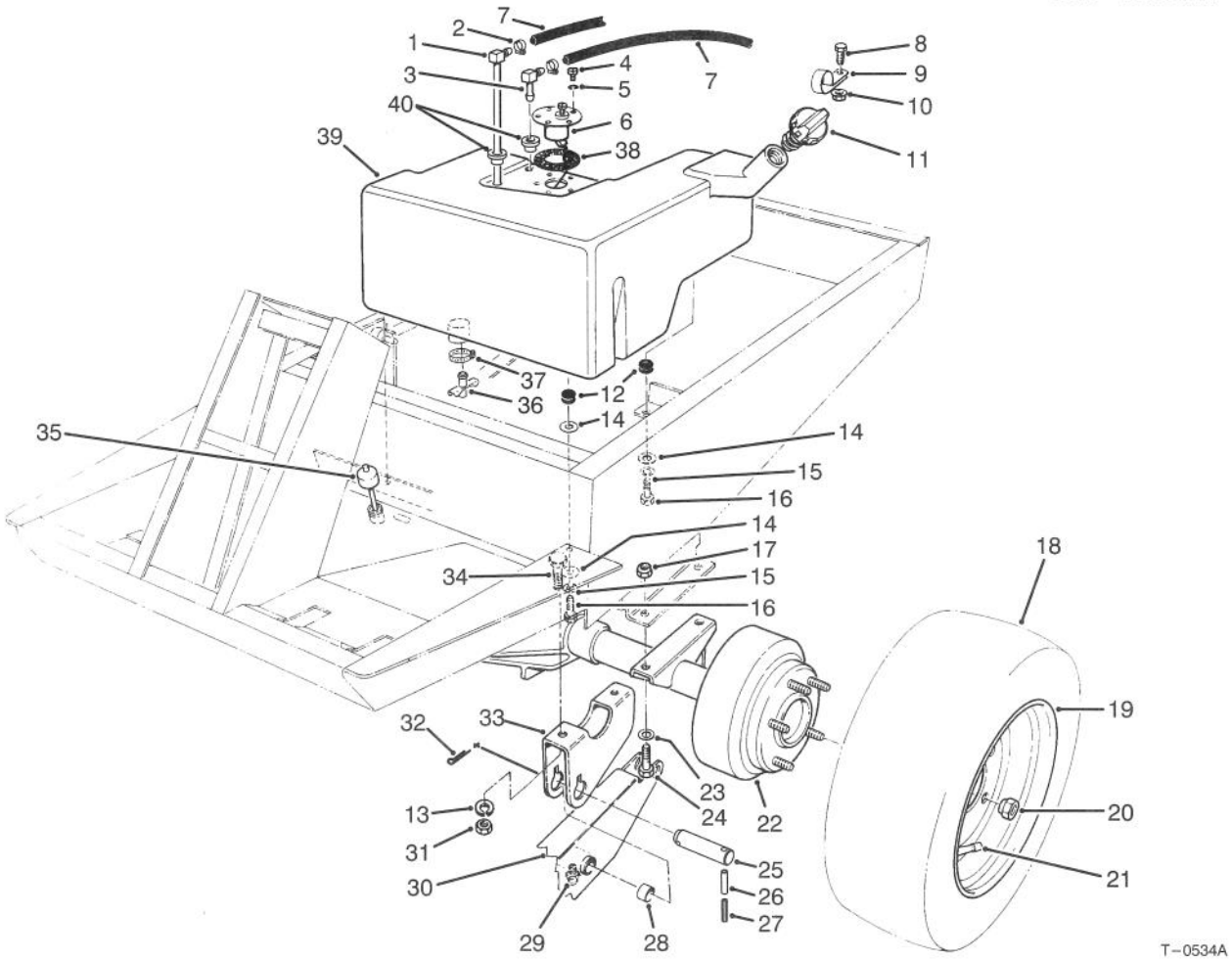


T-0533B

RADIATOR ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	63-7700	Assembly – Frame, Screen	1
2	63-7710	Magnetic Strip	1
3	32128-20	Nut – Lock	6
4	3234-17	Screw – Flange Hd.	2
5	92-5757	Radiator Support Assembly	1
6	66-3240	Cap – Radiator	1
7	2412-108	Clamp – Hose	8
8	3234-5	Screw – Flange Hd.	8
9	71-3384	Hose	1
10	66-8180	Hose Assembly	1
11	3296-42	Nut – Lock	4
12	76-8750	Plate – Warning	1
13	3290-271	Rivet	2
15	3256-22	Washer – Flat	4
16	321-4	Screw – Cap Hex. Hd.	4
17	2412-34	Clamp – Hose	4
18	63-6010	Hose – Upper	1
19	92-6503	Assembly – Shroud, Fan (Incl. Ref. #12 & 13)	1

Ref. No.	Part No.	Description	No. Used
20	66-3180	Tube – Vent	1
21	63-6020	Hose – Lower	1
22	2412-103	R-Clamp	2
23	63-7600	Hose – Fuel	1
26	82-2310	Radiator Assembly	1
27	63-6440	Shield – Radiator	1
28	304-46	Drain Cock	1
29	3269-10	Washer – Flat	3
30	66-8500	Hose Assembly	1
31	3269-13	Rivet	3
32	354-20	Block	1
33	354-22	Fitting	2
34	354-21	Fitting	1
35	66-3170	Hose	1
36	3249-3	Screw – Rd. Hd.	2
37	3217-29	Nut – Hex.	2



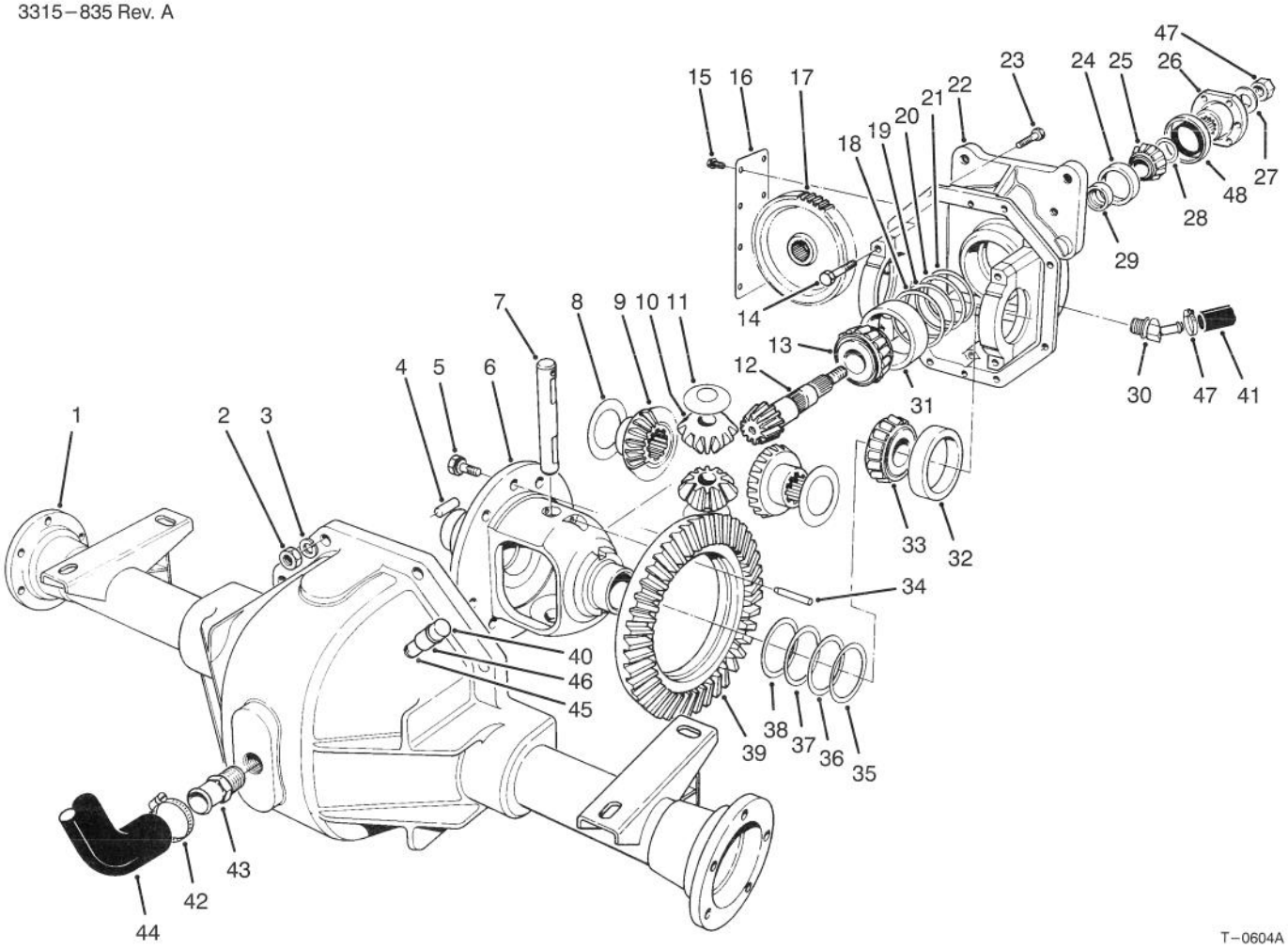
T–0534A

FUEL TANK AND AXLE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	66–8120	Standpipe	1
2	2412–108	Clamp	4
3	46–6550	Connector 90°	1
4	32122–24	Screw – Machine	5
5	3253–15	Washer – Lock	5
6	63–7640	Sender – Fuel	1
7	63–7630	Hose	2
8	322–5	Screw – Cap Hex. Hd.	1
9	2412–96	R–Clamp	1
10	32128–20	Nut – Lock	1
11	70–8621	Cap – Fuel	1
12	237–136	Grommet	3
13	3253–8	Washer – Lock	4
14	3256–67	Washer – Flat	3
15	3253–3	Washer – Lock	5
16	321–5	Screw – Cap Hex. Hd.	3
17	3296–48	Nut – Lock	4
18	231–101	Tire	2
*	231–95	Tire – 23" x 10.5" x 12" (Optional)	2
19	217–117	Rim	2
*	217–116	Rim – 23" x 10.5" x 12" (Optional)	2
20	23–7270	Nut – Lug	10
21	232–27	Valve Stem w/Cap	2

Ref. No.	Part No.	Description	No. Used
22	86–9640	Assembly – Axle	1
23	3256–25	Washer – Flat	4
24	324–5	Screw – Cap Hex. Hd.	4
25	92–9788	Pivot Pin Assembly (Incl. Ref. #26 & 27)	2
26	32121–49	Pin – Spring	2
27	32121–71	Pin – Spring	2
28	256–101	Bushing	4
29	302–62	Fitting – Grease	2
30	76–3090	Lift Arm – L.H. (Incl. Ref. #28 & 29)	1
*	76–3080	Lift Arm – R.H. (Incl. Ref. #28 & 29)	1
31	3219–6	Nut – Hex.	4
32	3272–17	Pin – Cotter	2
33	92–9786	Carrier Bracket	2
34	3273–38	Screw – Soc. Hex. Hd.	4
35	66–3060	Dipstick – Differential	1
36	304–46	Fitting – Drain	1
37	2412–36	Clamp	1
38	62–7650	Gasket	1
39	92–8873	Tank – Fuel	1
40	46–6560	Bushing	2
*	62–7020	Assembly – Wheel & Tire (23" x 10.5" x 12") (Optional)	2

*Not Illustrated

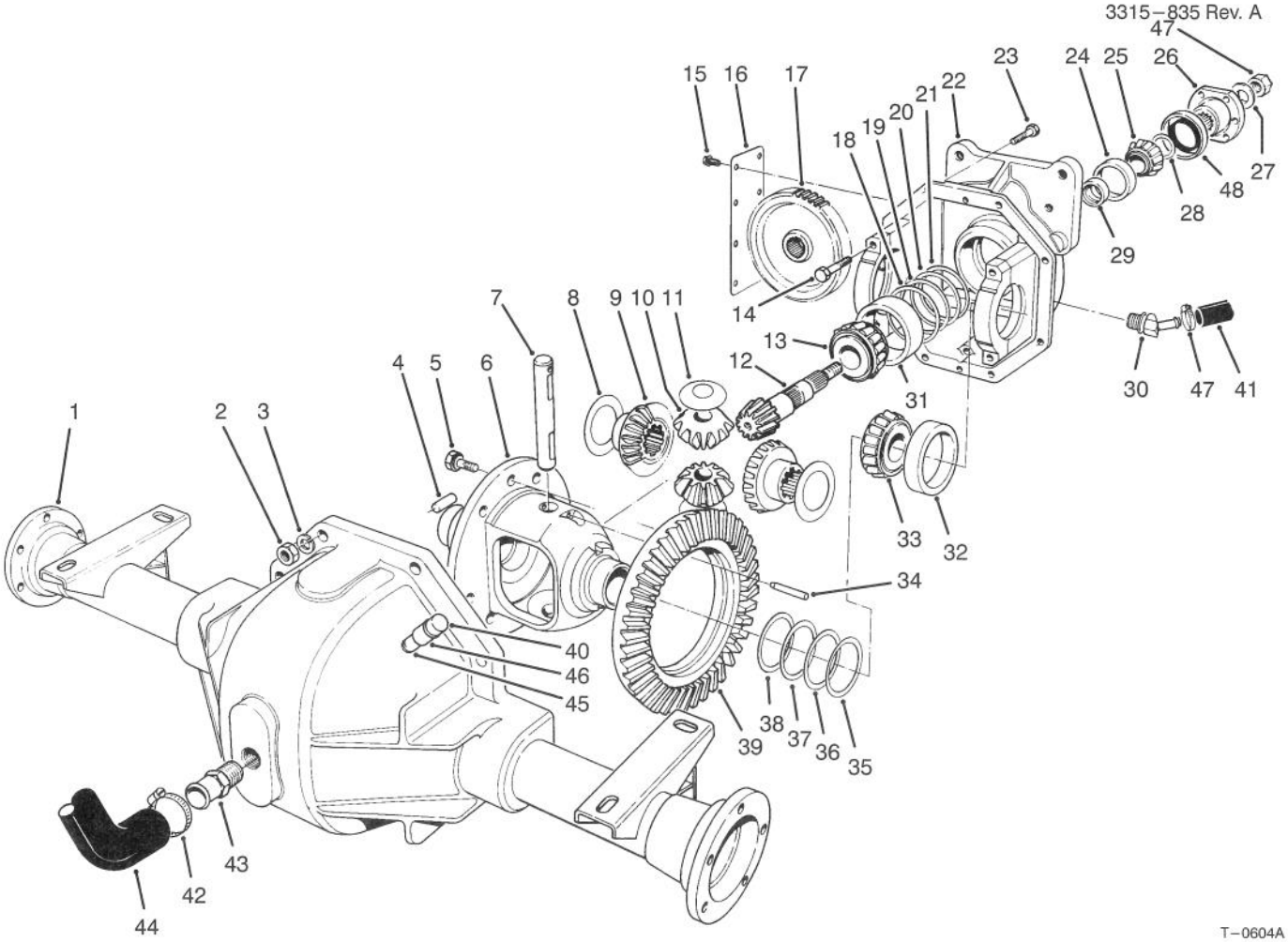


T–0604A

DIFFERENTIAL ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	63–8090	Assembly – Lower Housing	1
2	3219–2	Nut	8
3	3255–8	Washer – Lock	8
4	21–8270	Pin – Dowel	2
5	21–7770	Screw – Drive Gear	5
6	21–7670	Differential Case	1
7	21–7700	Shaft – Pinion Mate	1
8	21–7720	Washer – Thrust	2
9	24–8790	Gear – Bevel, Differential	2
10	21–7690	Gear – Pinion	2
11	21–7730	Washer – Thrust	2
12		Drive Pinion	1
13	43–6760	Cone – Bearing, Tapered	1
14	92–1773	Screw – Cap Hex. Hd.	4
15	12–5450	Screw – Thread Forming	8
16	21–7830	Cover – Gear	1
17	86–7230	Gear – Spur	1
18	43–6710	Shim Adjusting Differential Bearing .003	A/R
19	43–6711	Shim Adjusting Differential Bearing .005	A/R
20	43–6712	Shim Adjusting Differential Bearing .010	A/R
21	43–6713	Shim Adjusting Differential Bearing .030	A/R
22	86–7930	Upper Housing Assembly (Incl. Ref. #14)	1
23	3210–7	Screw – Cap Hex. Hd.	8
24	254–90	Cup – Bearing	1
25	254–91	Cone – Bearing	1
26	43–6550	Ring – Retaining	1
27	21–7850	Cap Plug	1
28	46–2210	Shim Front Pinion Bearing (.031)	A/R
*	46–2211	Shim Front Pinion Bearing (.033)	A/R
*	46–2212	Shim Front Pinion Bearing (.035)	A/R
*	46–2213	Shim Front Pinion Bearing (.037)	A/R
*	46–2214	Shim Front Pinion Bearing (.039)	A/R
*	46–2215	Shim Front Pinion Bearing (.041)	A/R
*	46–2216	Shim Front Pinion Bearing (.043)	A/R
*	46–2220	Shim Front Pinion Bearing (.045)	A/R
*	46–2221	Shim Front Pinion Bearing (.047)	A/R
*	46–2222	Shim Front Pinion Bearing (.049)	A/R
*	46–2223	Shim Front Pinion Bearing (.051)	A/R
*	46–2224	Shim Front Pinion Bearing (.053)	A/R

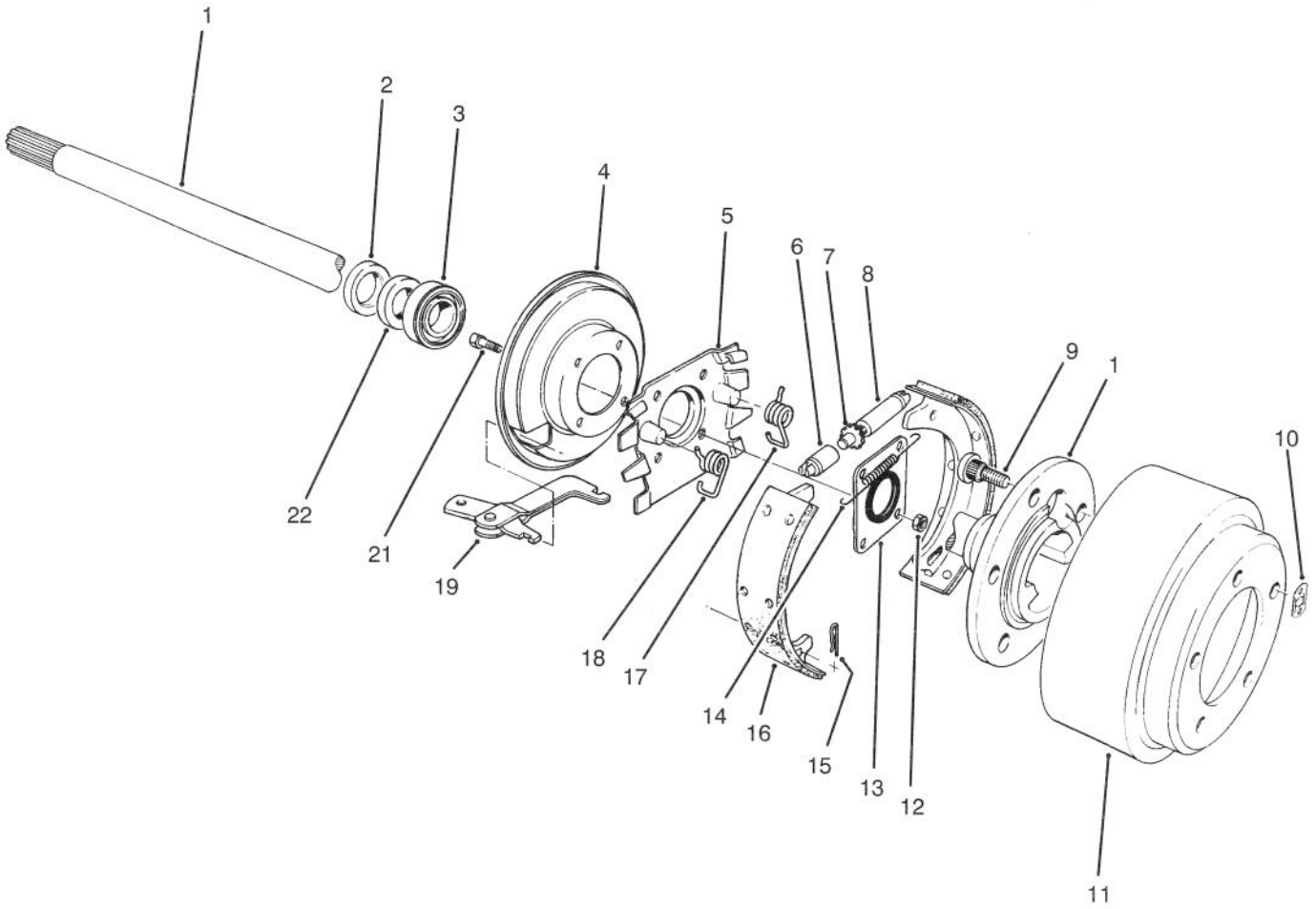
*Not Illustrated



T–0604A

DIFFERENTIAL ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
*28	46–2225	Shim Front Pinion Bearing (.055)	A/R
*	46–2226	Shim Front Pinion Bearing (.057)	A/R
*	46–2410	Shim Front Pinion Bearing (.062)	A/R
	46–2411	Shim Front Pinion Bearing (.064)	A/R
*	46–2412	Shim Front Pinion Bearing (.066)	A/R
*	46–2413	Shim Front Pinion Bearing (.068)	A/R
*	46–2414	Shim Front Pinion Bearing (.070)	A/R
*	46–2415	Shim Front Pinion Bearing (.072)	A/R
*	46–2416	Shim Front Pinion Bearing (.074)	A/R
*	46–2420	Shim Front Pinion Bearing (.076)	A/R
	46–2421	Shim Front Pinion Bearing (.078)	A/R
*	46–2422	Shim Front Pinion Bearing (.080)	A/R
*	46–2423	Shim Front Pinion Bearing (.082)	A/R
*28	46–2424	Shim Front Pinion Bearing (.084)	A/R
*	46–2425	Shim Front Pinion Bearing (.086)	A/R
*	46–2426	Shim Front Pinion Bearing (.088)	A/R
29	21–8020	Spacer – Frt. Pinion Bearing	1
30	92–5088	Fitting – 45°	1
31	43–6750	Cup – Tapered, Bearing	1
32	254–66	Cup – Tapered, Bearing	2
33	254–65	Cone – Tapered, Bearing	2
34	32121–15	Pin – Roll	1
35	21–8090	Diff. Adjust. Shim. .003	A/R
36	21–8100	Diff. Adjust. Shim. .005	A/R
37	21–8110	Diff. Adjust. Shim. .010	A/R
38	21–8120	Diff. Adjust. Shim. .030	A/R
39		Gear – Ring	1
40	72–9420	Assembly – Vent	1
41	92–5083	Hose – Hydraulic	1
42	2412–34	Clamp – Hose	2
43	354–71	Pipe Nipple	1
44	77–0550	Tube – Fill	1
45	289–6	Nipple – Pipe	1
46	2810–1	Coupler	1
*	92–4848	Assembly – Gear & Pinion (Incl. Ref. #12 & 39)	1
47	2412–119	Clamp – Hose	1
*	92–4909	Differential Carrier Assembly (Incl. Ref. #5–22, 24–29 & 31–39)	1



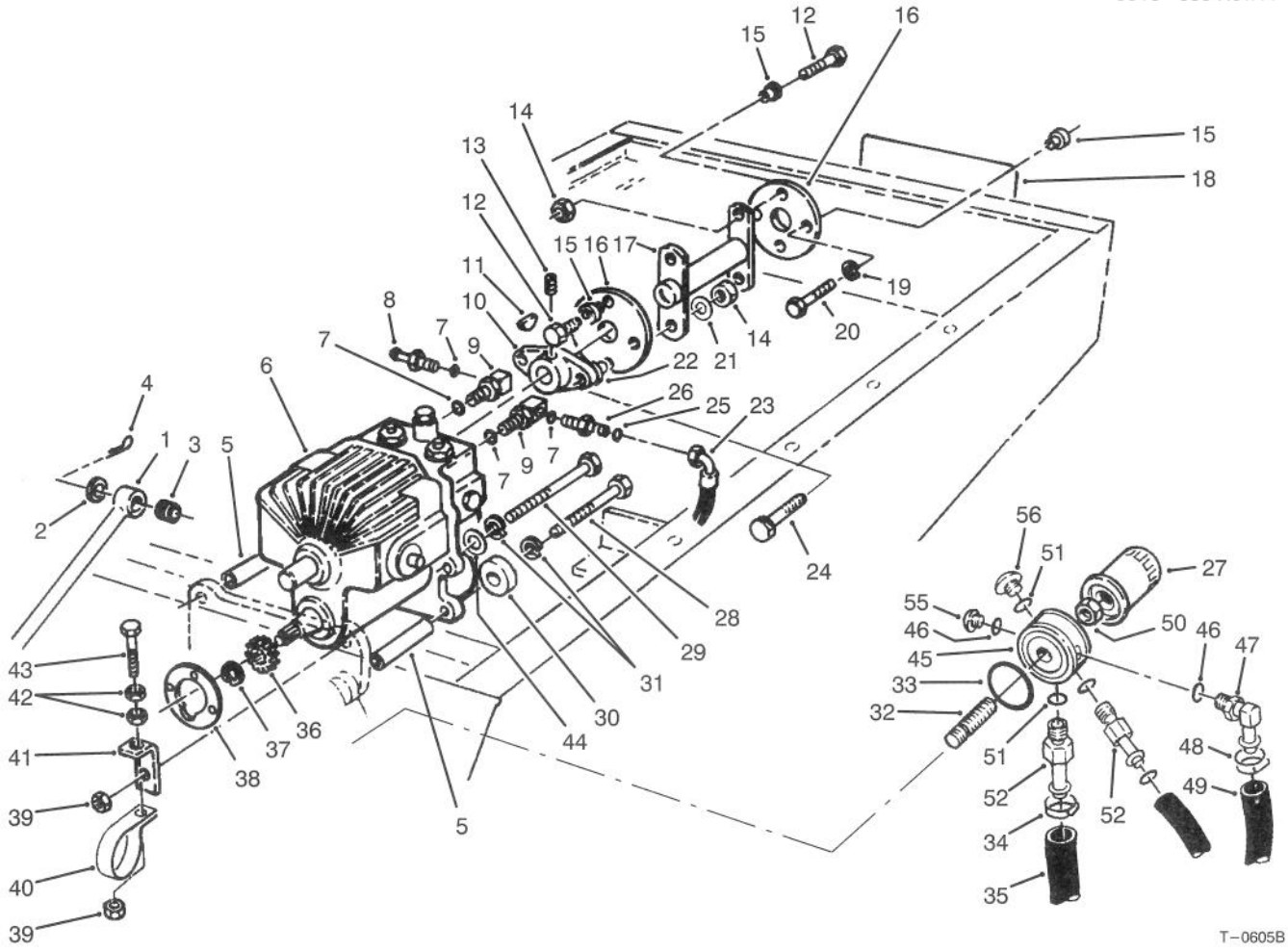
T–0535A

BRAKE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	27–6861	Shaft – Axle, Flanged L.H.	1
*	27–6851	Shaft – Axle, Flanged R.H.	1
2	92–1774	Oil Seal	2
3	21–8180	Bearing – Tapered Roller	2
4	21–9450	Dust Shield	2
5	43–6810	Torque Spider	2
6	21–9390	Socket – Adjusting Screw	2
7	21–9370	Adjusting Screw	2
8	21–9380	Nut – Pivot	2
9	242–34	Stud – Axle Flange	10
10	21–8360	Clip – Retaining	2
11	28–0680	Brake Drum	2

Ref. No.	Part No.	Description	No. Used
12	43–6800	Nut – Lock, Flange Hd.	8
13	28–0670	Oil Seal	2
14	21–9440	Screw – Spring Adjusting	2
15	21–9460	Retainer – Parking Brake	4
16	84–8600	Brake Shoe Set (Incl. 4 Shoes)	1
17	21–9430	Spring – Shoe Return R.H.	2
18	21–9420	Spring – Shoe Return L.H.	2
19	24–9180	Strut/Lever – Parking Brake	2
21	28–0660	Screw – Cap Hex. Hd.	8
22	24–8840	Ring – Wheel Bearing	2
*	92–8775	Kit – Gasket, Liquid	1

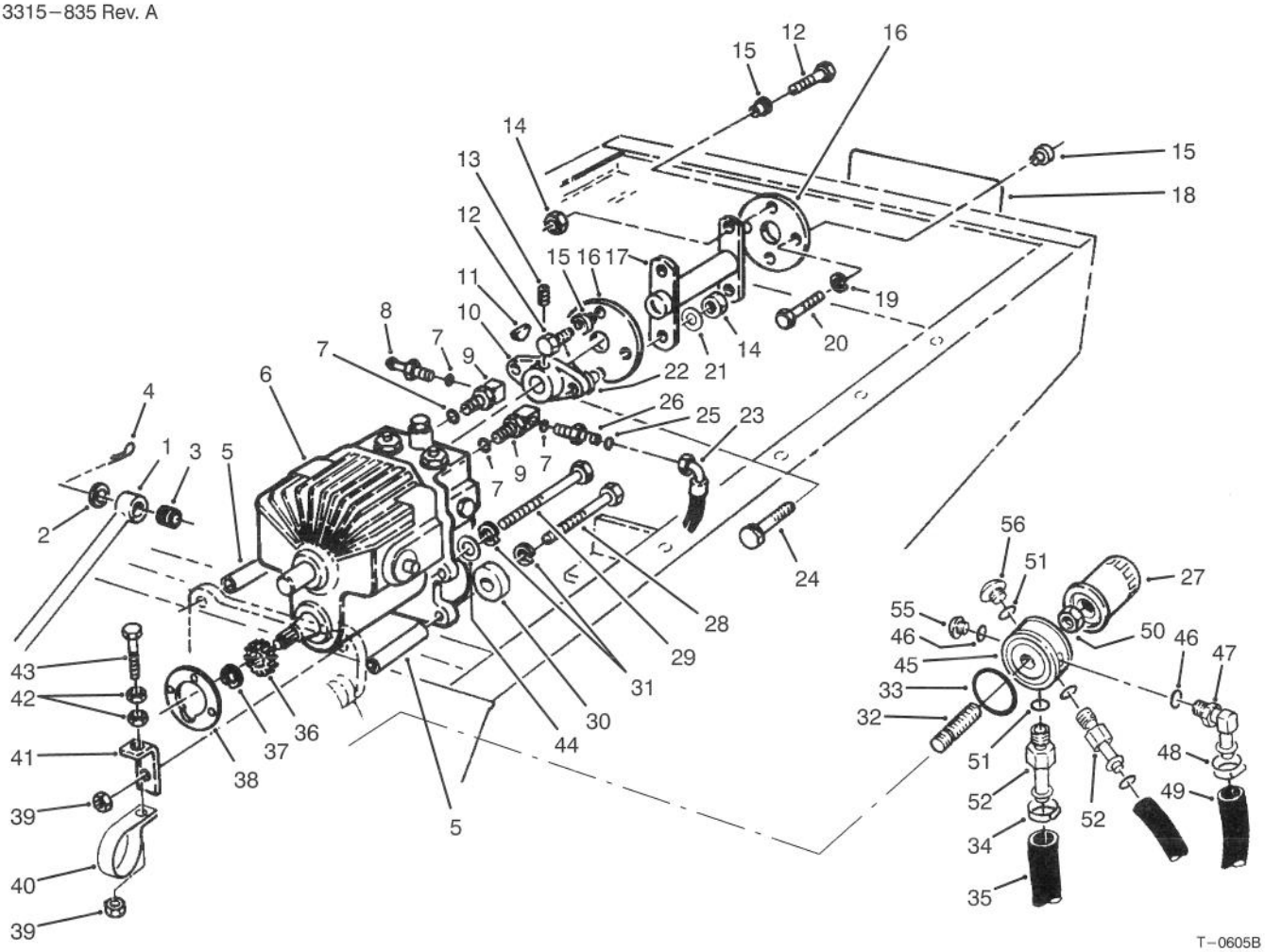
*Not Illustrated



TRANSMISSION & DRIVE COUPLING ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	63–6410	Tube – Traction Control	1
2	3256–26	Washer – Flat	1
3	23–2270	Bushing – Rubber	1
4	3272–10	Pin – Cotter	1
5	27–3680	Spacer – Mounting	4
6	92–5513	Transmission	1
7	237–42	O–Ring	4
8	353–979	Hose Barb	1
9	66–3110	Hyd. Fitting	2
10	27–4370	Hub – Pump	1
11	3257–5	Key – Woodruff	1
12	3210–5	Screw – Cap Hex. Hd.	4
13	3241–6	Screw – Set	2
14	32152–5	Nut – Lock	6
15	27–6600	Spacer – Rubber	6
16	44–2230	Coupling – Rubber	2
17	63–6610	Drive Shaft	1
18	62–7400	Decal – Toro	1
19	42–9850	Washer – Lock	2
20	48–9460	Screw – Cap Hex. Hd.	2
21	3256–71	Washer – Flat	2
22	27–6590	Spacer	2
23	66–8490	Hose Assembly	1
24	3210–8	Screw – Cap Hex. Hd.	2
25	237–22	O–Ring	1

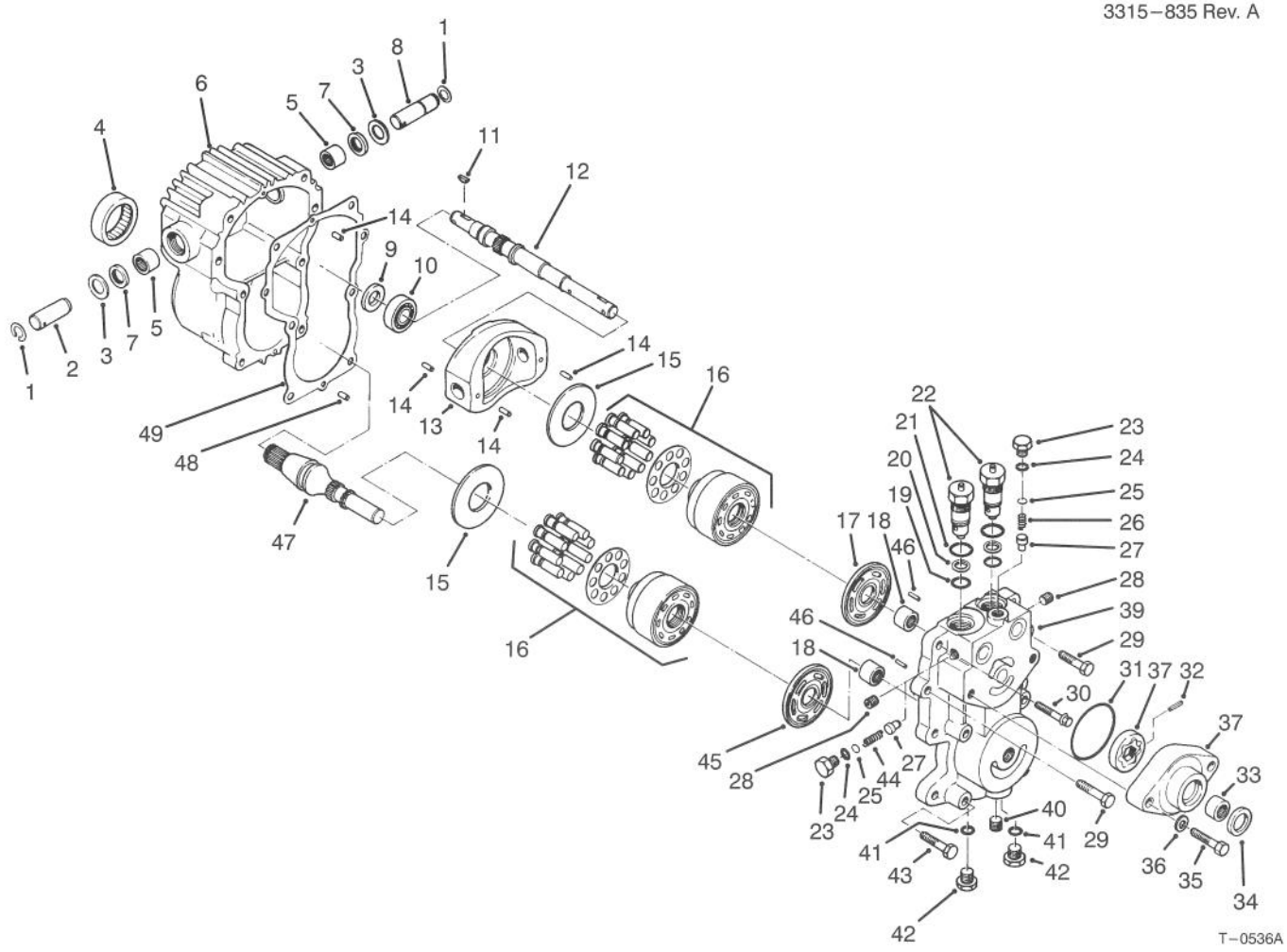
Ref. No.	Part No.	Description	No. Used
26	82–8530	Fitting	1
27	23–2300	Oil Filter	1
28	323–39	Screw – Cap Hex. Hd.	3
29	27–9620	Screw – Cap Hex. Hd.	1
30	5–0652	Spacer	1
31	3253–21	Washer – Lock	4
32	92–5085	Union Filter	1
33	92–5087	Seal – Adapter, Filter	1
34	2412–108	Hose Clamp	4
35	92–5082	Hose	2
36	86–7220	Gear – Spur	1
37	32120–72	Ring – Retaining	1
38	27–3690	Gasket – Transmission	1
39	3296–39	Nut – Lock	2
40	2412–4	R–Clamp	1
41	63–7170	Anchor – Transmission	1
42	3218–3	Nut – Jam	2
43	67–1900	Screw – Cap Hex. Hd.	1
44	3256–24	Washer – Flat	1
45	92–5076	Adapter – Filter	1
46	237–79	O–Ring	2
47	92–5086	Fitting – Hydraulic 45° (Incl. Ref. #46)	1
48	2412–119	Clamp – Hose	1
49	92–5083	Hose – Hydraulic	1



TRANSMISSION & DRIVE COUPLING ASSEMBLY (Cont.)

Ref. No.	Part No.	Description	No. Used
50	3220–7	Nut– Jam	1
51	237–78	O–Ring	3
52	92–5512	Fitting – Hydraulic, Straight (Incl. Ref. #51)	2

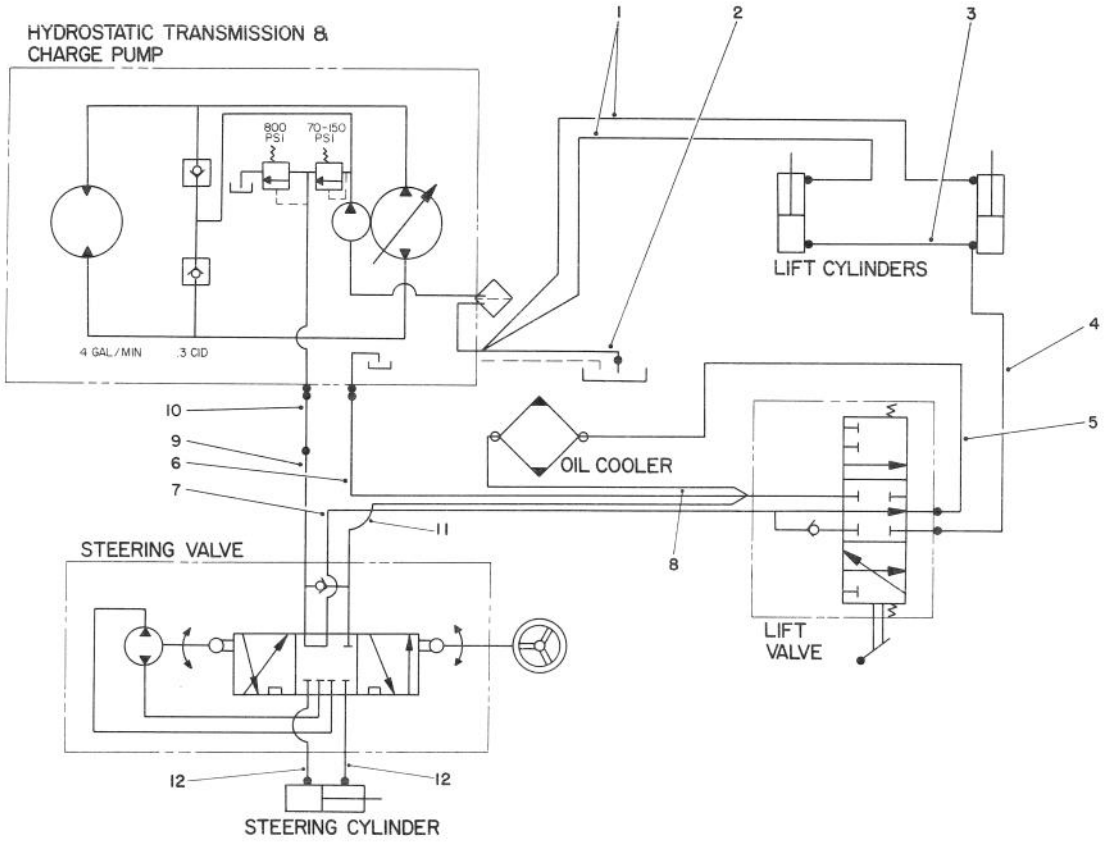
Ref. No.	Part No.	Description	No. Used
55	353–988	Plug – Hydraulic (Incl. Ref. #46)	1
56	353–990	Plug – Hydraulic (Incl. Ref. #51)	1



TRANSMISSION ASSEMBLY NO. 92–5513

Ref. No.	Part No.	Description	No. Used
1	32151–46	Ring – Retaining	2
2	25–2500	Shaft – Trunnion	1
3	25–2510	Washer	2
4	28–3300	Bearing – Roller	1
5	28–3310	Bearing – Needle	2
6	92–5709	Housing	1
7	25–3210	Lip Seal	2
8	28–3670	Shaft – Trunnion	1
9	28–3660	Lip Seal	1
10	28–3650	Bearing – Ball	1
11	3257–5	Key – Woodruff	2
12	28–3640	Shaft – Pump	1
13	49–7820	Variable Swashplate	1
14	32121–91	Pin	3
15	25–2380	Plate – Thrust	2
16	48–1800	Kit – Cylinder Block	2
17	46–7320	Plate – Pump Valve	1
18	25–3300	Bearing – Needle	2
19	28–3590	O–Ring	2
20	28–3580	Ring – Backup	2
21	28–3570	O–Ring	2
22	49–7830	Assembly – Check Valve (Incl. Ref. #19–21)	2
23	25–2460	Hex Hd. Plug	2
24	28–3400	O–Ring	2
25	25–2470	Shim Pack	A/R

Ref. No.	Part No.	Description	No. Used
26	46–7310	Relief Valve Spring Imp.	1
27	28–3420	Relief Valve Cone Charge	2
28	285–17	Plug – Pipe	4
29	323–8	Screw – Cap Hex. Hd.	2
30	28–3530	Screw – Cap Hex. Hd.	2
31	28–3520	O–Ring	1
32	38–2680	Pin	1
33	28–3480	Bearing – Needle	1
34	28–3470	Lip Seal	1
35	324–23	Screw – Cap Hex. Hd.	2
36	28–3450	Washer – Flat	2
37	38–2670	Kit – Charge Pump (Incl. Ref. #31–34)	1
39	92–5716	Center Section	1
40	92–5717	Plug – Pipe	1
41		O–Ring	2
42	28–3440	Threaded Plug (Incl. Ref. #41)	2
43	323–10	Screw – Cap Hex. Hd.	4
44	25–2480	Relief Valve Spring Charge	1
45	28–3380	Plate – Motor Valve	1
46	25–2430	Pin	2
47	49–8200	Shaft – Motor	1
48	28–3350	Pin	2
49	28–3340	Gasket	1

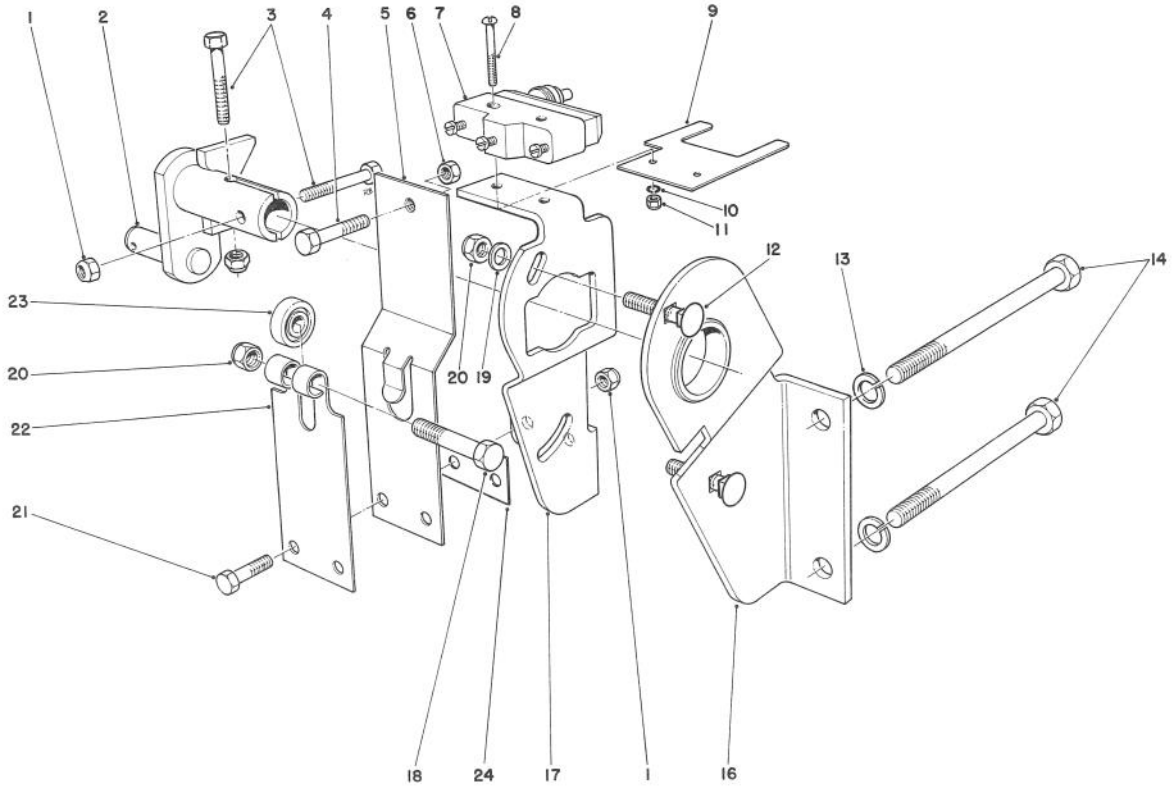


T–0537

HYDRAULIC SCHEMATIC

Ref. No.	Part No.	Description	No. Used
1	92–5082	Hose	2
2	92–5083	Hose	1
3	66–8190	Hose	1
4	66–8640	Hose	1
5	66–8180	Hose	1
6	66–8150	Hose	1

Ref. No.	Part No.	Description	No. Used
7	66–8630	Tube	1
8	66–8500	Hose	1
9	66–8620	Tube	1
10	66–8490	Hose	1
11	66–8140	Hose	1
12	66–8170	Hose	2



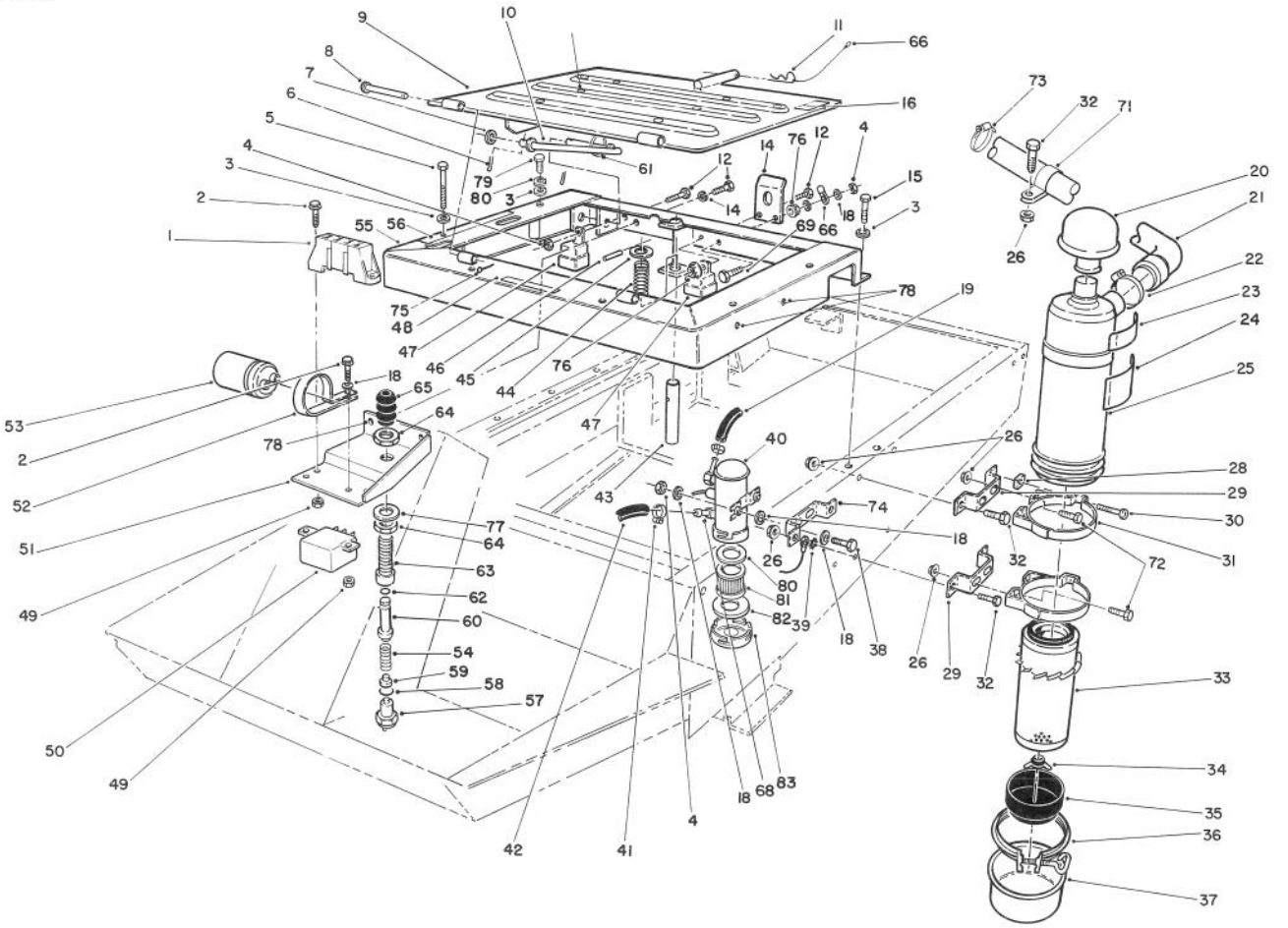
T–0538A

TRANSMISSION INTERLOCK ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3296–42	Nut – Lock	4
2	29–9790	Pump – Lever	1
3	321–9	Screw – Cap Hex. Hd.	2
4	3210–7	Screw – Cap Hex. Hd.	1
5	29–6170	Spring – Extended Leaf	1
6	3219–2	Nut – Hex.	1
7	29–6162	Micro Switch	1
8	3249–11	Screw – Round Hd.	2
9	46–8810	Stop – Leaf Spring	1
10	3254–9	Washer – Lock I.T.L.W.	2
11	3217–16	Nut – Hex.	2
12	3230–2	Carriage – Bolt	2

Ref. No.	Part No.	Description	No. Used
13	3253–21	Washer – Lock	2
14	323–39	Screw – Cap Hex. Hd.	2
16	52–8890	Bracket – Mounting	2
17	52–9070	Plate – Pump	1
18	322–17	Screw – Cap Hex. Hd.	1
19	3256–23	Washer – Flat	2
20	3296–29	Nut – Lock	3
21	321–4	Screw – Cap Hex. Hd.	2
22	29–6150	Spring – Leaf	1
23	251–259	Bearing – Ball	1
24	51–3150	Shim	1

3315-835

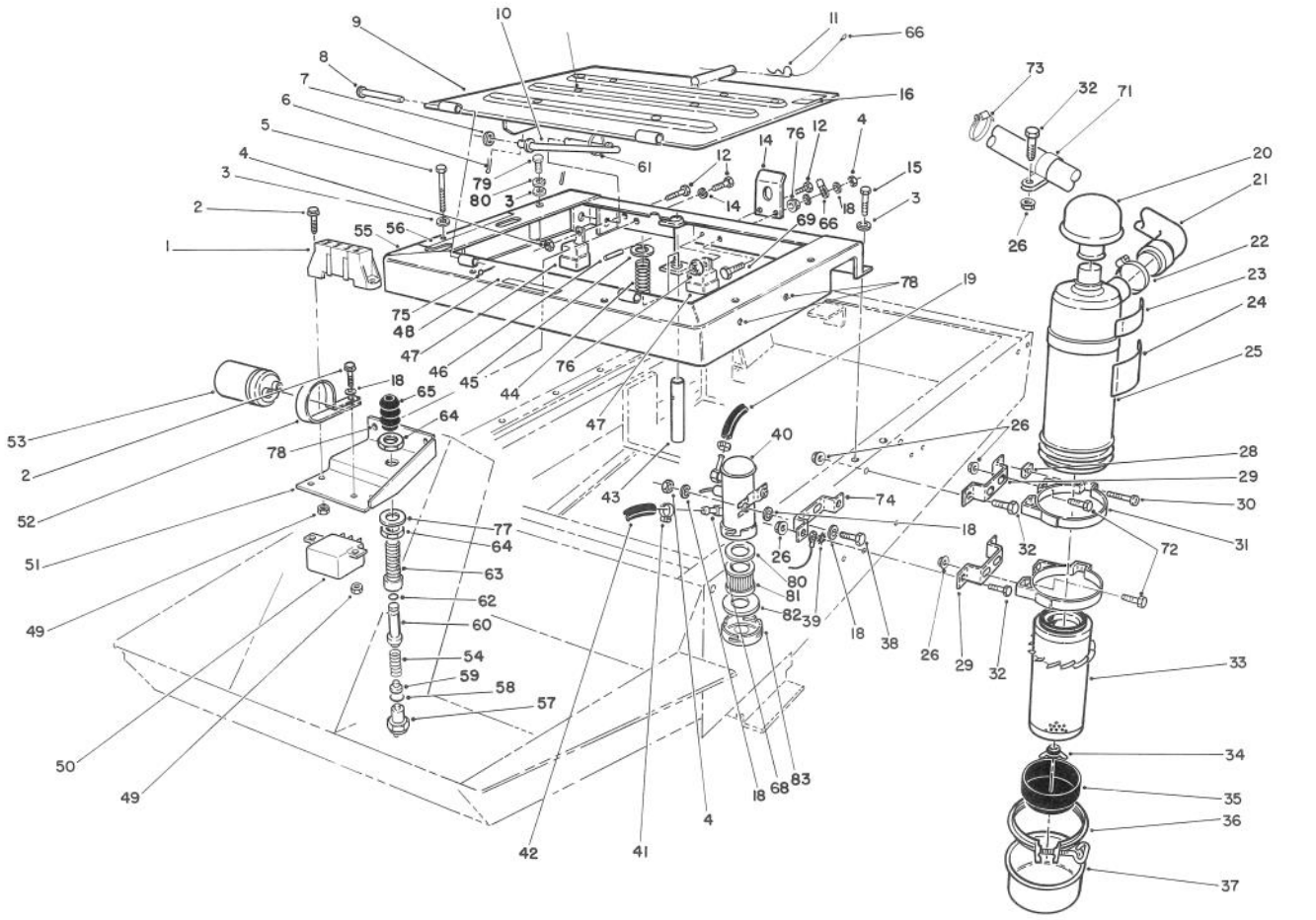


T-0606B

SEAT FRAME & AIR CLEANER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	67-7160	Fuse Block	1
2	32105-13	Screw – Cap Hex. Hd.	4
3	3256-23	Washer – Flat	6
4	3296-42	Nut – Lock	3
5	322-13	Screw – Cap Hex. Hd.	6
6	3272-11	Pin – Cotter	2
7	3256-24	Washer – Flat	1
8	283-49	Pin – Clevis	2
9	92-5759	Plate – Seat (Incl. Ref. #79)	1
10	66-2800	Rod – Seat Support	1
11	3290-255	Pin – Hair, Cotter	1
12	321-4	Screw – Cap Hex. Hd.	4
13	3253-3	Washer – Lock	2
14	66-2630	Latch – Seat	1
15	3234-17	Screw – Flange Hd.	2
16	52-1321	Decal – Diesel Fuel Only	1
18	3256-22	Washer – Flat	9
19	63-7620	Hose	1
20	27-7180	Assembly – Cap	1
21	63-6040	Hose – Air Cleaner Inlet	1
22	2412-42	Clamp – Hose	1
23	83-9150	Decal – Starting Fluid	1
25	27-7100	Assembly – Air Cleaner (Incl. Ref. #24 & 32-36)	1
26	32128-20	Nut – Flange	9

Ref. No.	Part No.	Description	No. Used
28	32107-11	Nut – Square	2
29	66-2451	Bracket – Air Cleaner	2
30	3258-19	Screw – Cap Hex. Hd.	2
31	27-7170	Assembly – Mounting Band (Incl. Ref. #28 & 30)	2
32	322-5	Screw – Cap Hex. Hd.	5
33	27-7110	Assembly – Element	1
34	27-7120	Assembly – Nut & Gasket	1
35	27-7140	Skirt – Baffle	1
36	27-7130	Assembly – Clamp	1
37	27-7150	Assembly – Cup	1
38	321-8	Screw – Cap Hex. Hd.	2
39	3255-8	Washer – Lock, Ext. Tooth	1
40	53-8150	Pump – Fuel (Incl. Ref. #80-83)	1
41	2412-108	Clamp – Hose	4
42	63-7630	Hose	1
43	66-2590	Pin – Seat Spring	1
44	37-9590	Spring – Compression	1
45	3256-27	Washer – Flat	1
46	32121-6	Pin – Roll	1
47	63-7590	Relay	2
48	67-1710	Decal – Interlock	1
49	3296-12	Nut – Lock	4
50	66-8800	Relay	1
51	92-7892	Bracket – Seat Switch	1



T-0606B

SEAT FRAME & AIR CLEANER ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
52	2412-74	R-Clamp	1
53	37-2690	Capacitor	1
54	43-8600	Spring - Compression	1
55	92-7894	Frame - Seat	1
56	66-8750	Decal - Control Levers	1
57	72-4320	Switch	1
58	237-30	O-Ring	1
59	43-8610	Guide - Spring & Ball Seat	1
60	43-8860	Plunger - Switch	1
61	3290-378	Tie - Cable	1
62	237-7	O-Ring	1
63	43-8620	Guide - Switch Pin	1
64	218-461	Nut - Jam	2
65	43-8870	Boot - Switch	1
66	28-8070	Lanyard	1
68	67-1690	Fitting	2
69	321-6	Screw - Cap Hex. Hd.	1
71	2412-107	R-Clamp	1

Ref. No.	Part No.	Description	No. Used
72	322-3	Screw - Cap Hex. Hd.	4
73	2412-92	Clamp - Hose	1
74	66-2450	Bracket - Air Cleaner	1
75	3272-4	Pin - Cotter	2
76	32128-33	Nut - Hex. Flange	2
77	3256-69	Washer - Flat	1
78	32148-6	Nut - Clinch	6
79	32148-9	Nut - Clinch	2
80	43-2570	Gasket	1
81	43-2550	Filter	1
82	43-2560	Gasket	1
83	43-2580	Magnet	1
*	43-9071	Switch - Seat (Incl. Ref. #54, 57-60 & 62-65)	1

*Not Illustrated

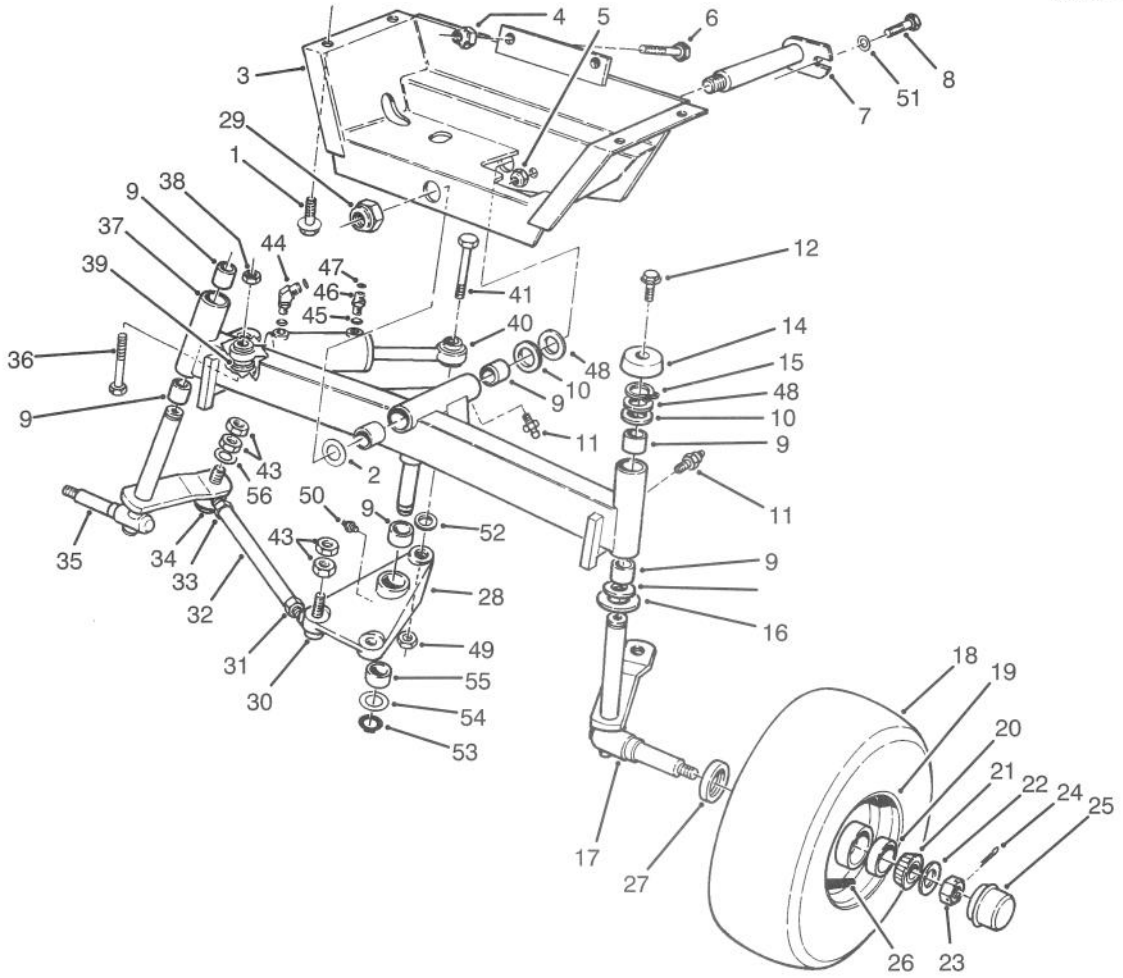


T–1692

MANUAL STORAGE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	74–0720	Tube – Manual	1
2	2412–133	R–Clamp	2

Ref. No.	Part No.	Description	No. Used
3	322–5	Screw	2
4	3256–23	Nut – Lock	2

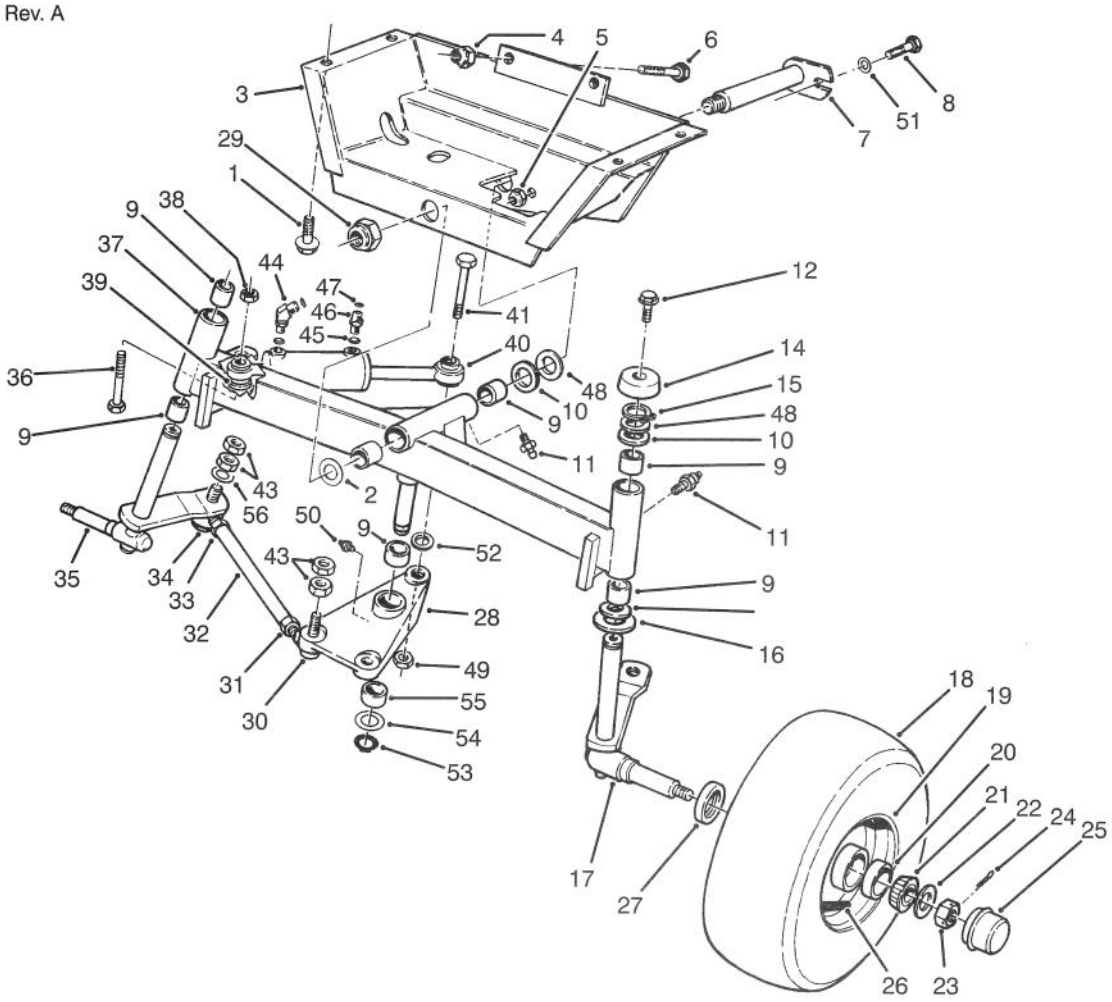


T–0540A

REAR AXLE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3234–25	Screw – Flange	4
2	71–4540	Washer – Thrust	1
3	63–6430	Frame – Rear	1
4	3296–25	Nut – Lock	2
5	3296–42	Nut – Lock	1
6	325–5	Screw – Cap Hex. Hd.	2
7	63–6770	Pin – Rear Axle	1
8	321–4	Screw – Cap Hex. Hd.	1
9	67–1750	Bushing	6
10	10–8110	Washer	5
11	302–5	Fitting – Grease	3
12	3234–13	Screw – Flange Hd.	2
14	66–2990	Cap – Spindle	2
15	32151–36	Ring – Retaining	2
16	256–121	Washer – Thrust	2
17	76–4510	Spindle – Wheel L.H.	1
18	231–105	Tire	2
19	217–118	Rim	2
20	254–72	Cup – Bearing	4
21	254–94	Cone – Bearing	4
22	3256–28	Washer – Flat	2
23	32136–5	Nut – Castle	2
24	3272–13	Pin – Cotter	2
25	241–119	Cap – Hub	2
26	232–35	Stem – Valve	2
27	253–129	Seal – Hub	2

Ref. No.	Part No.	Description	No. Used
28	76–4810	Pivot – Steering (Incl. Ref. #50 & 55)	1
29	3296–51	Nut – Lock	1
30	21–0151	Joint – Ball L.H.	2
31	3220–12	Nut – Jam L.H.	2
32	63–6880	Rod – Tie	2
33	3220–5	Nut – Jam R.H.	2
34	21–0141	Joint – Ball R.H.	2
35	76–4520	Spindle – Wheel R.H.	1
36	67–7300	Screw Hex Hd.	1
37	76–3000	Axle–Rear (Incl. Ref. #9 & 11)	1
38	32153–6	Nut – Hex Lock	1
39	67–7250	Spacer Cyl.	1
40	76–2070	Cylinder – Steering	1
41	328–25	Screw – Cap Hex. Hd.	1
43	3220–3	Nut – Jam	8
44	340–103	Fitting – 45° Elbow (Incl. Ref. #45 & 47)	1
45	237–78	Seal – O–Ring	2
46	340–92	Fitting – Straight	1
47	237–21	Seal – O–Ring	2
48	56–2460	Washer – Flat	A/R
49	32128–45	Nut – Flange Lock	1
50	302–62	Fitting – Grease	1
51	3256–22	Washer – Flat	1



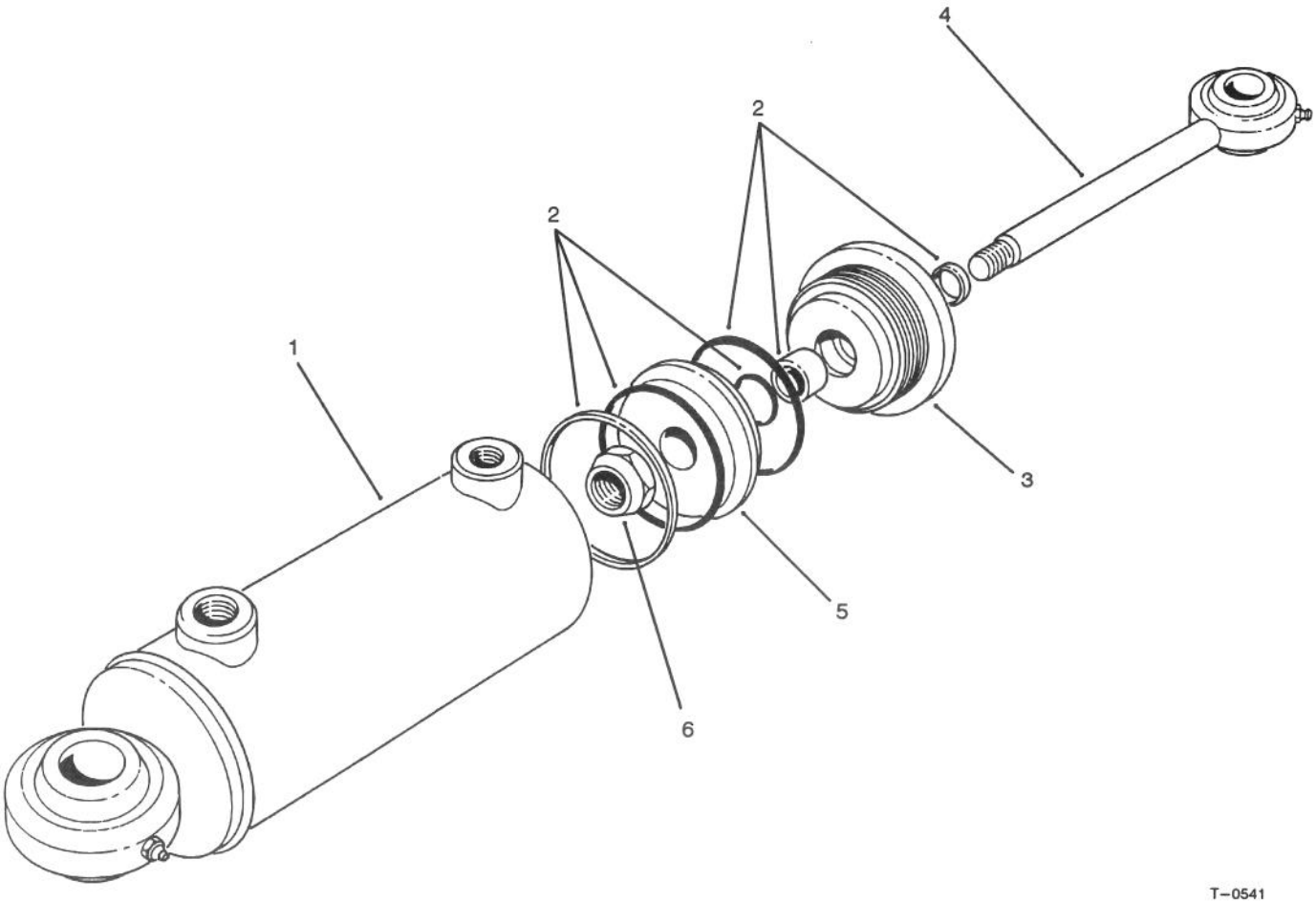
T–0540A

REAR AXLE ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
52	67–9410	Washer – Flat	1
53	32151–77	Ring – Retaining	1
54	76–2980	Washer – Thrust	1

Ref. No.	Part No.	Description	No. Used
55	76–2970	Bushing	2
56	3256–24	Washer – Flat	2

3315–835



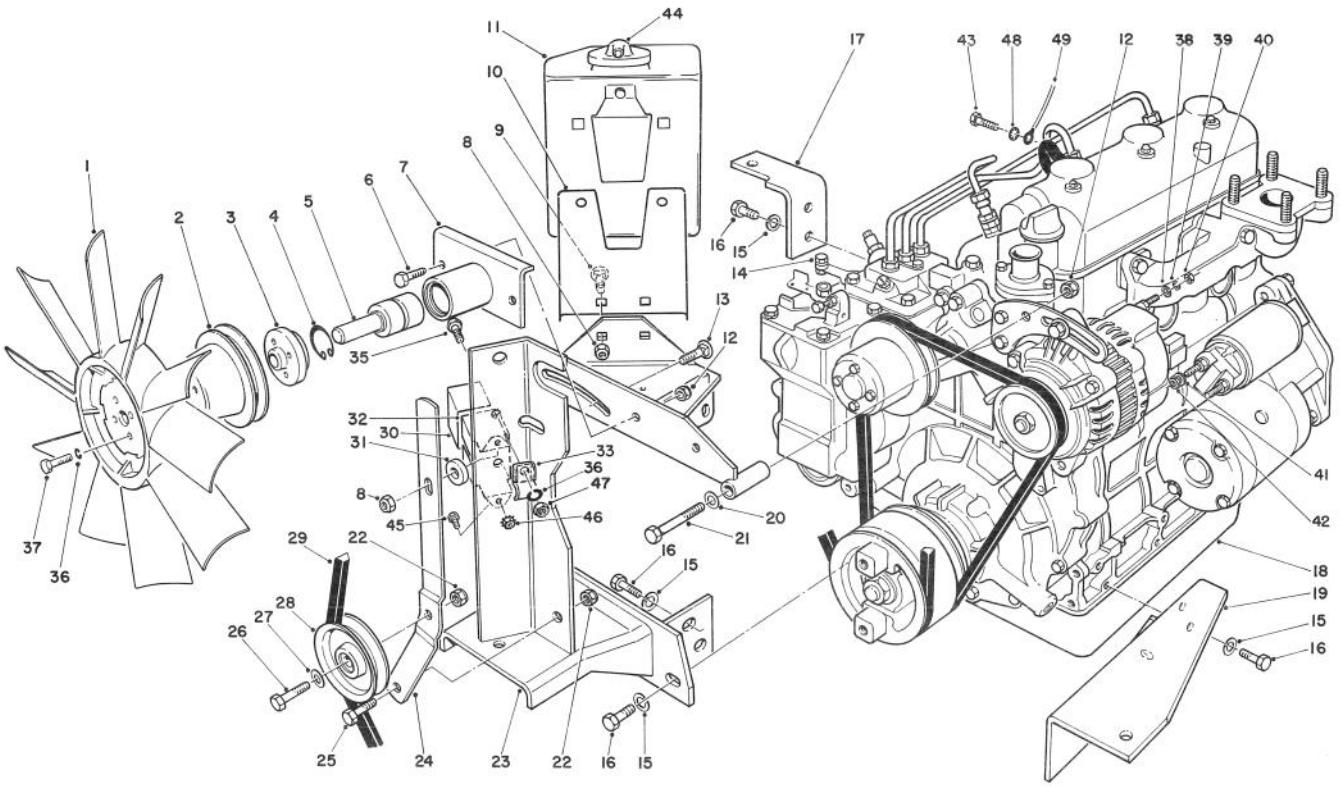
T–0541

HYDRAULIC CYLINDER NO. 76–2070

Ref. No.	Part No.	Description	No. Used
1	66–2770	Tube – Cylinder	1
2	76–2090	Kit – Seal	1
3	76–2790	Gland	1

Ref. No.	Part No.	Description	No. Used
4	76–2080	Assembly – Piston Rod	1
5	66–1940	Piston	1
6	66–1930	Nut – Lock	1

3315–835

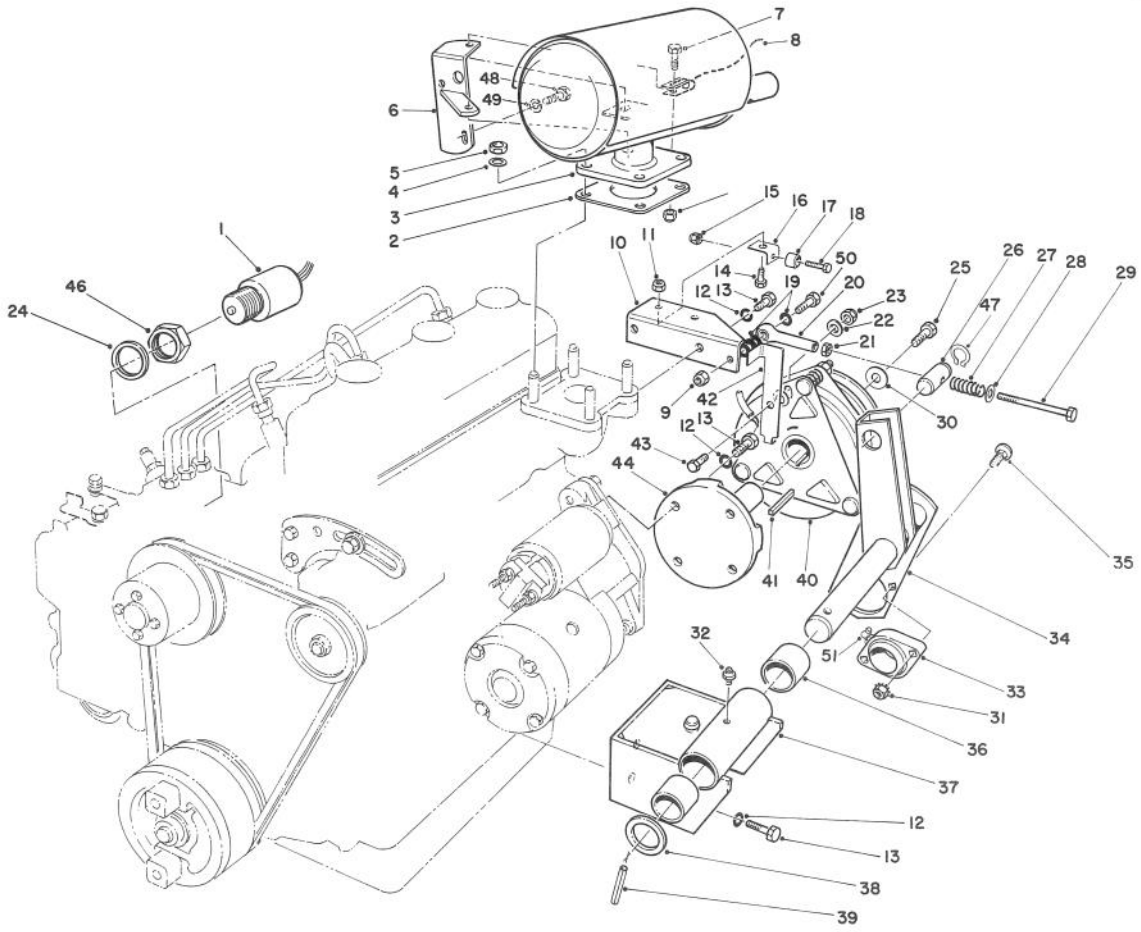


T–0542B

ENGINE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	84–1880	Fan – Cooling	1
2	84–1890	Pulley – Fan	1
3	84–1930	Hub – Fan	1
4	32120–10	Ring – Retaining	1
5	36–7290	Shaft & Bearing	1
6	322–4	Screw	2
7	84–1940	Hub	1
8	32128–20	Nut – Flange	3
9	3230–23	Bolt – Carriage	2
10	66–2440	Plate – Reservoir	1
11	63–7380	Tank – Expansion (Incl Ref. #44)	1
12	3296–29	Nut – Lock	3
13	3230–2	Bolt – Carriage	1
14	63–6760	Swivel – Throttle Cable	1
15	48–9590	Washer – Lock	8
16	63–7790	Screw	8
17	71–2910	Angle – Engine Mount	1
18	75–0900	Engine	1
19	66–2320	Mount – Engine	1
20	3256–23	Washer – Flat	1
21	322–11	Screw – Cap Hex. Hd.	1
22	3296–39	Nut – Lock	2
23	84–1870	Bracket WA.	1
24	63–6720	Lever – Idler	1

Ref. No.	Part No.	Description	No. Used
25	323–6	Screw – Cap Hex. Hd.	1
26	323–8	Screw – Cap Hex. Hd.	1
27	3256–24	Washer – Flat	1
28	63–8140	Pulley	1
29	92–8876	Belt – Fan	1
30	70–8560	Retainer – Glow Plug	1
31	52–2340	Spacer	1
32	66–8700	Indicator – Glow (Incl. Ref. #30)	1
33	3–6657	Clip – Skid	1
35	321–4	Screw – Cap Hex. Hd.	1
36	3253–3	Washer – Lock	5
37	321–3	Screw – Cap Hex. Hd.	4
38	5–3637	Washer – Flat	1
39	43–5920	Washer – Lock	1
40	43–5970	Nut – Hex.	1
41	42–9850	Washer – Lock	2
42	57–6390	Nut – Hex.	2
43	48–7700	Screw – Hex.	1
44	71–1520	Cap – Reservoir	1
45	32105–8	Screw	2
46	32149–7	Nut – Keps	2
47	3217–5	Nut – Hex.	1
48	3254–2	Washer – Lock, Int. Tooth	1
49	63–7340	Wire – Ground	1



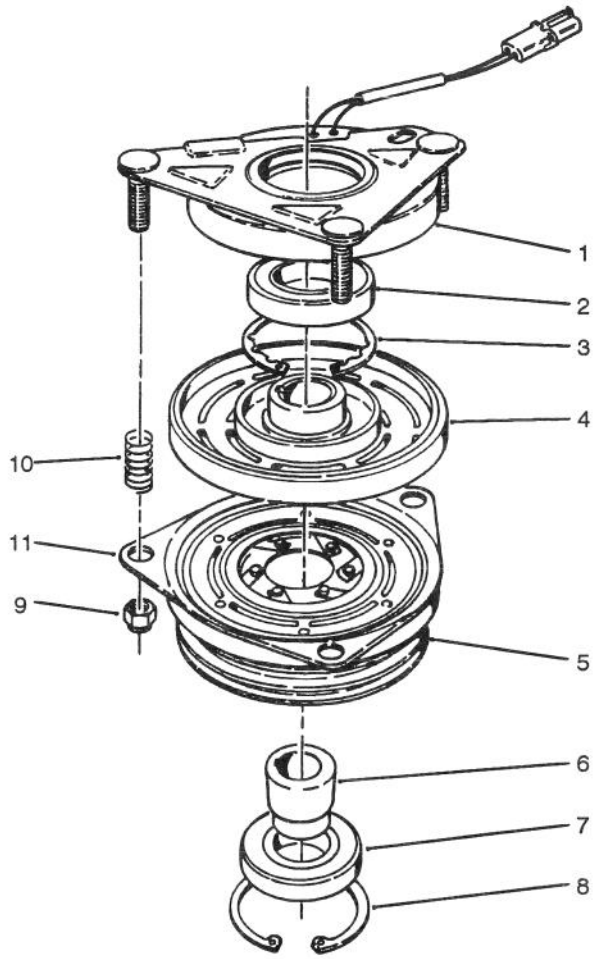
T-0543B

POWER TAKE OFF ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	63-7440	Solenoid - Stop	1
2	53-8130	Gasket - Exhaust	1
3	84-1910	Muffler	1
*	75-6880	Spark Arrester Screen (Optional)	1
4	42-9850	Washer - Lock	4
5	48-7930	Nut - Hex.	4
6	66-2360	Support - Muffler	2
7	322-5	Screw _ Cap Hex. Hd.	1
8	66-2870	Cable - Hood Stop	1
9	3296-29	Nut - Lock	2
10	63-6700	Bracket	1
11	3296-42	Nut - Lock	2
12	48-9590	Washer - Lock	10
13	63-7790	Screw	10
14	321-3	Screw - Cap Hex. Hd.	2
15	3296-9	Nut - Lock	2
16	63-8230	Angle - Clutch Anchor	2
17	66-2910	Bumper - Rubber	2
18	3250-39	Screw - Pan Head	2
19	3256-23	Washer - Flat	4
20	66-2900	Tie Rod End	1
21	3220-2	Nut - Jam	1
22	3256-24	Washer - Flat	2
23	3296-59	Nut - Lock	1
24	43-2740	Gasket	1
25	3212-5	Screw	1

Ref. No.	Part No.	Description	No. Used
26	63-6290	Pin - Tension	1
27	3-6624	Spring	1
28	4-2390	Washer	1
29	66-3100	Screw	1
30	67-1631	Spacer	1
31	32149-1	Nut - Keps	2
32	302-5	Fitting - Grease	1
33	92-8799	Bearing	1
34	63-6250	Shaft - PTO Tension	1
35	3230-4	Bolt - Carriage	2
36	256-299	Bushing	2
37	67-1800	Pivot Plate (Incl. Ref. #32 & 36)	1
38	3-4324	Washer	1
39	32121-32	Pin - Roll	1
40	63-6050	Clutch - Electric	1
41	63-8150	Key	1
42	63-6690	Lever - Clutch Anchor	1
43	323-34	Screw - Cap Hex. Hd.	1
44	63-6030	Hub - Clutch	1
46	43-2750	Nut - Jam	1
47	32151-83	Snap Ring	2
48	66-3160	Screw	1
49	3253-4	Washer - Lock	1
50	322-6	Screw - Cap Hex. Hd.	1
51	302-40	Fitting - Grease	1

*Not Illustrated

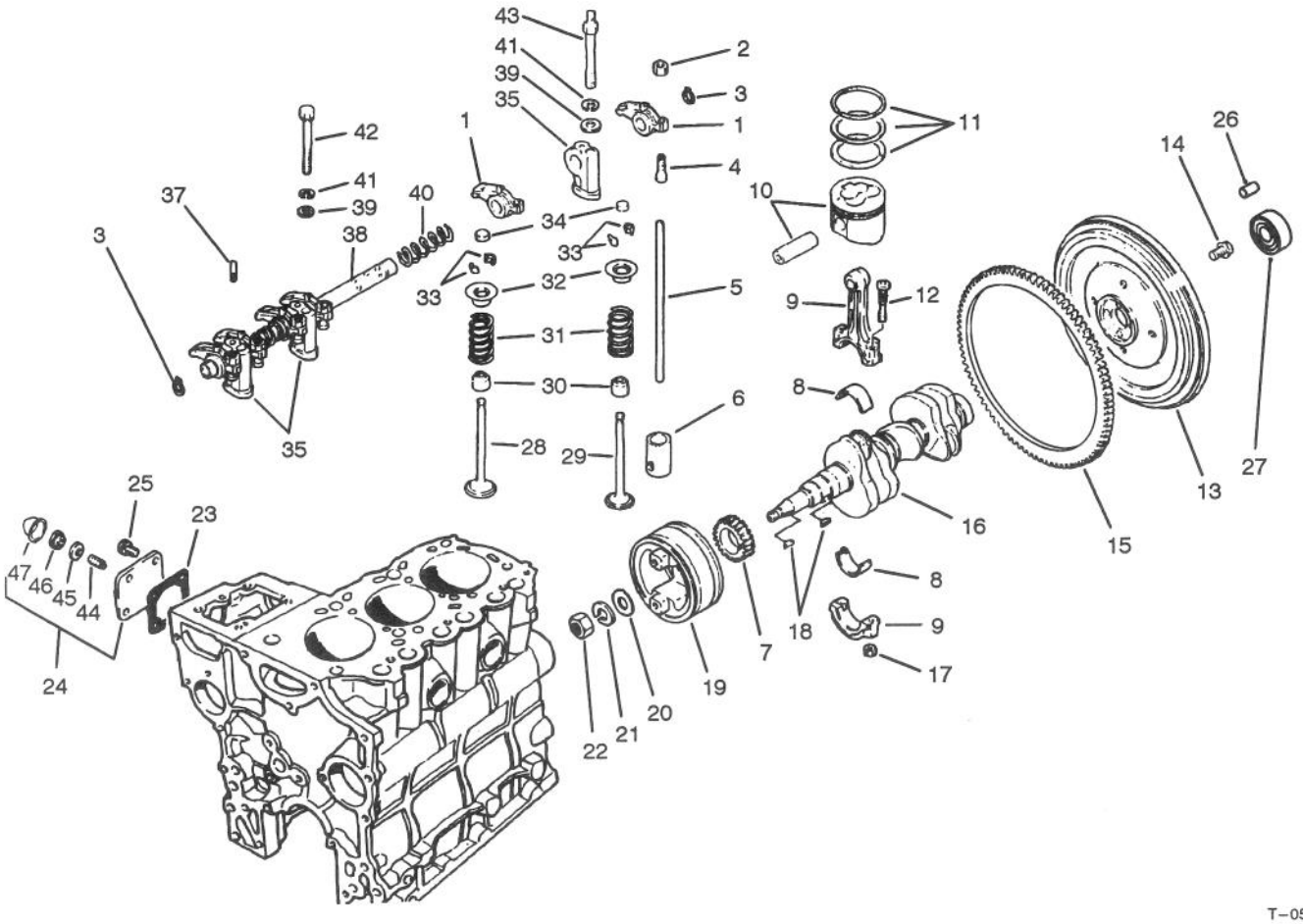


T–0544

CLUTCH ASSEMBLY NO. 63–6050

Ref. No.	Part No.	Description	No. Used
1	67–7050	Field Rotor Assembly (Incl. Ref. #2–4)	1
2		Bearing – Field	1
3		Ring – Retaining	1
4		Field Coil Assembly	1
5	67–7070	Armature & Pulley Assembly (Incl. Ref. #6–8)	1

Ref. No.	Part No.	Description	No. Used
6	67–7080	Collar – Bearing	1
7	67–7090	Bearing – Pulley	1
8	67–7060	Ring – Retaining	1
9	3296–6	Nut – Lock	3
10	44–8320	Spring	3
11	67–7100	Plate – Brake	1



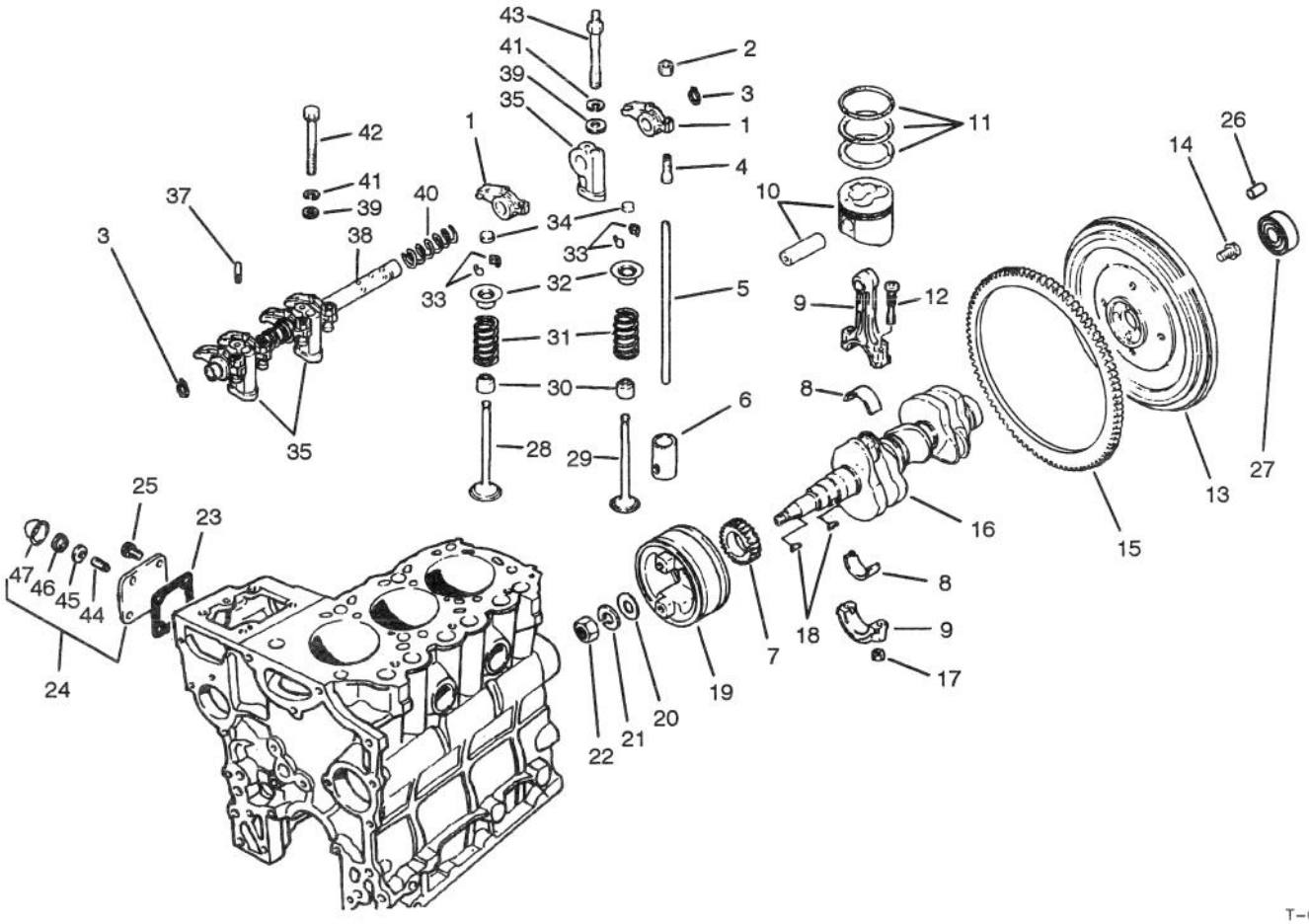
T–0565

VALVES AND CRANKSHAFT ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	67–3160	Arm–Rocker	6
2	67–3230	Nut – Jam	6
3	67–3240	Snap Ring	2
4	67–3210	Screw – Adjusting	6
5	67–3150	Rod–Push	6
6	67–3120	Tappet	6
7	67–2910	Gear	1
8	75–5010	Bearing Set STD	3
*	67–2890	Bearing Set 0.25 mm US	3
*	67–2900	Bearing Set 0.50 mm US	3
9	67–2850	Rod Assembly–Connecting (Incl. Ref. #12 & 17)	3
10	75–5080	Piston & Pin Set STD	3
*	75–5090	Piston & Pin Set 0.25 mm OS	3
*	75–5100	Piston & Pin Set 0.50 mm OS	3
11	75–5050	Ring Set STD	3
*	75–5060	Ring Set 0.25 mm OS	3
*	75–5070	Ring Set 0.50 mm OS	3
12	67–2860	Bolt	6
13	67–2970	Flywheel Assembly (Incl. Ref. #14)	1

Ref. No.	Part No.	Description	No. Used
14	67–2990	Bolt	4
15	67–2980	Gear – Ring	1
16	92–0845	Crankshaft	1
17	42–9590	Nut	6
18	56–0480	Key – Woodruff	2
19	67–2930	Pulley – Crankshaft	1
20	67–2950	Washer	1
21	67–2960	Washer – Lock	1
22	67–2940	Nut – Jam	1
23	67–4310	Gasket	1
24	75–5110	Cover Assy. (Incl. Ref. #44–47)	1
25	42–9440	Bolt W/Washer	4
28	67–3130	Valve – Intake	3
29	67–3140	Valve – Exhaust	3
30	42–7870	Seal	6
31	67–3110	Spring	6
32	67–3100	Retainer	6
33	42–7860	Lock	12
34	67–3180	Cap	6
35	67–3200	Stay – Rocker	3
37	67–3220	Pin	1
38	67–3190	Rocker Shaft Assembly	1

*Not Illustrated

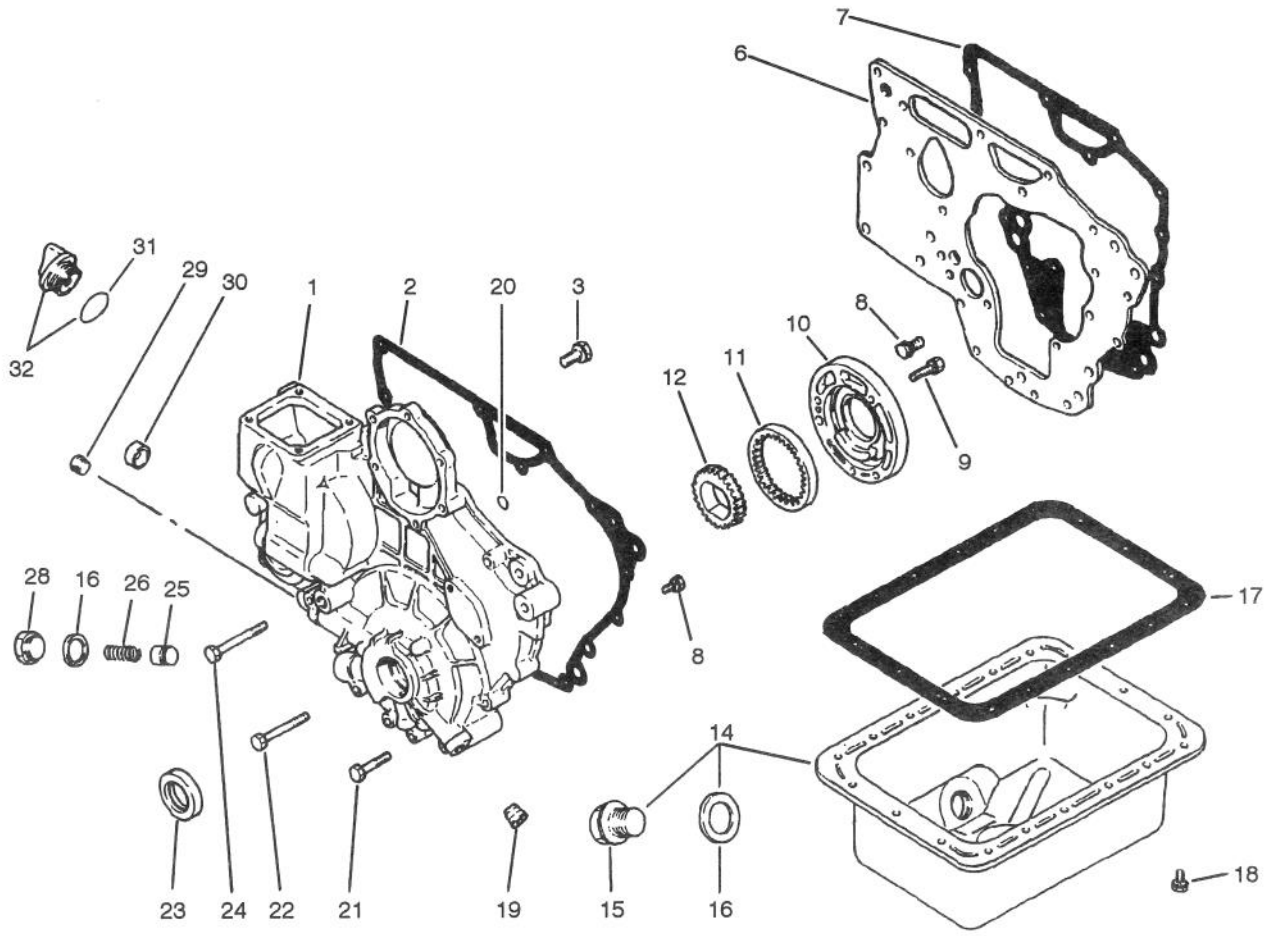


T–0565

VALVES AND CRANKSHAFT ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
39	42–9660	Washer	3
40	67–3170	Spring	2
41	67–3260	Washer	3
42	42–9510	Bolt	1
43	67–3250	Bolt–Rocker Stay	2

Ref. No.	Part No.	Description	No. Used
44	43–3160	Screw – Adjusting	1
45	75–5120	Gasket	1
46	43–5960	Nut – Special	1
47	43–2820	Cap – Sealing	1



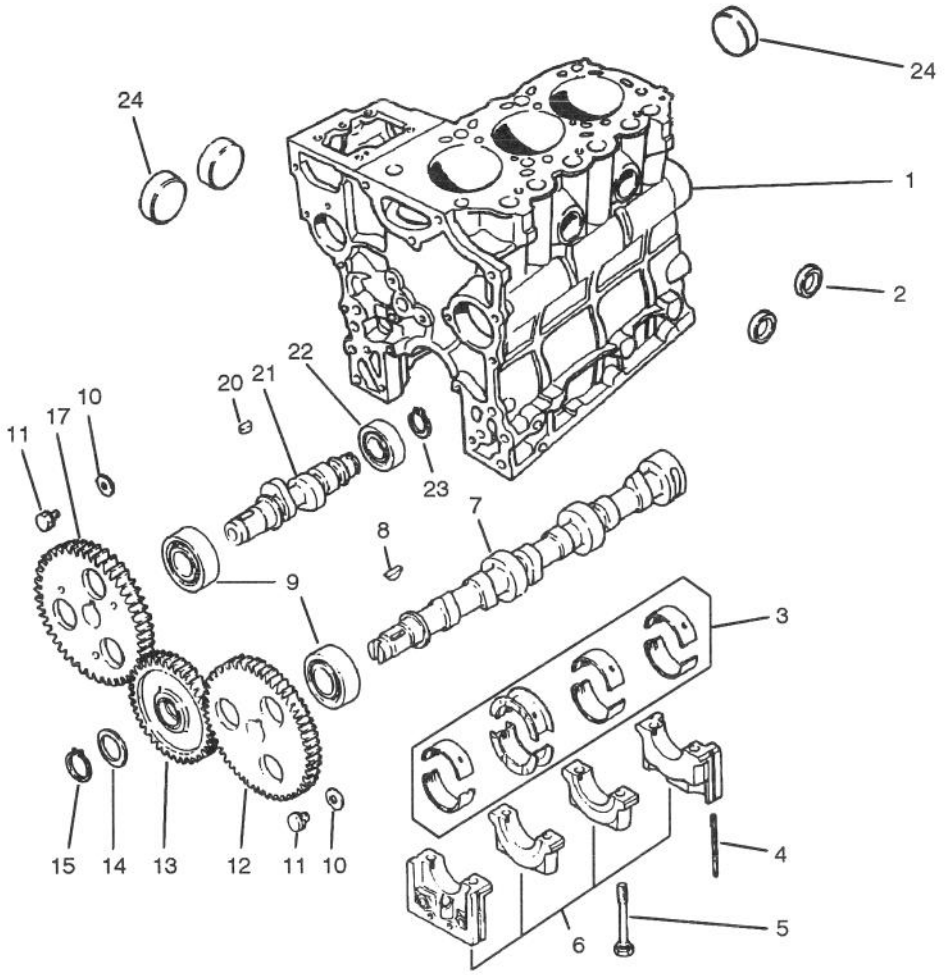
T–0567

CRANKCASE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	75–4920	Case	1
2	67–2580	Gasket – Case	1
3	67–2340	Bolt W/Washer	3
6	67–2310	Plate – Front	1
7	67–2320	Gasket – Plate	1
8	42–9440	Bolt W/Washer	11
9	67–2560	Bolt W/Washer	3
10	67–2550	Housing – Oil Pump	1
11	67–2540	Gear – Outer	1
12	67–2530	Gear – Inner	1
14	75–4910	Oil Pan Assembly (Incl. Ref. #15–16)	1
15	42–9260	Plug – Drain	1
16	42–7290	Gasket – Drain	2
17	67–2480	Gasket – Oil Pan	1
18	42–9490	Bolt W/Washer	18

Ref. No.	Part No.	Description	No. Used
19	42–7210	Plug–Taper	1
20	67–2630	Seal – O–Ring	2
21	67–2600	Bolt	3
22	67–2610	Bolt	4
23	67–2590	Seal – Oil	1
24	67–2620	Bolt	1
25	67–2500	Plunger – Relief	1
26	67–2510	Spring – Relief	1
28	67–2520	Plug	1
29	67–2570	Plug – Taper	1
30	67–2640	Cap	1
31	67–2660	Seal – O–Ring	1
32	67–2650	Oil Fill Cap Assembly (Incl. Ref. #31)	1
*	75–5040	Gasket Kit (Incl. Ref. #2, 7, 16 &17)	1

*Not Illustrated



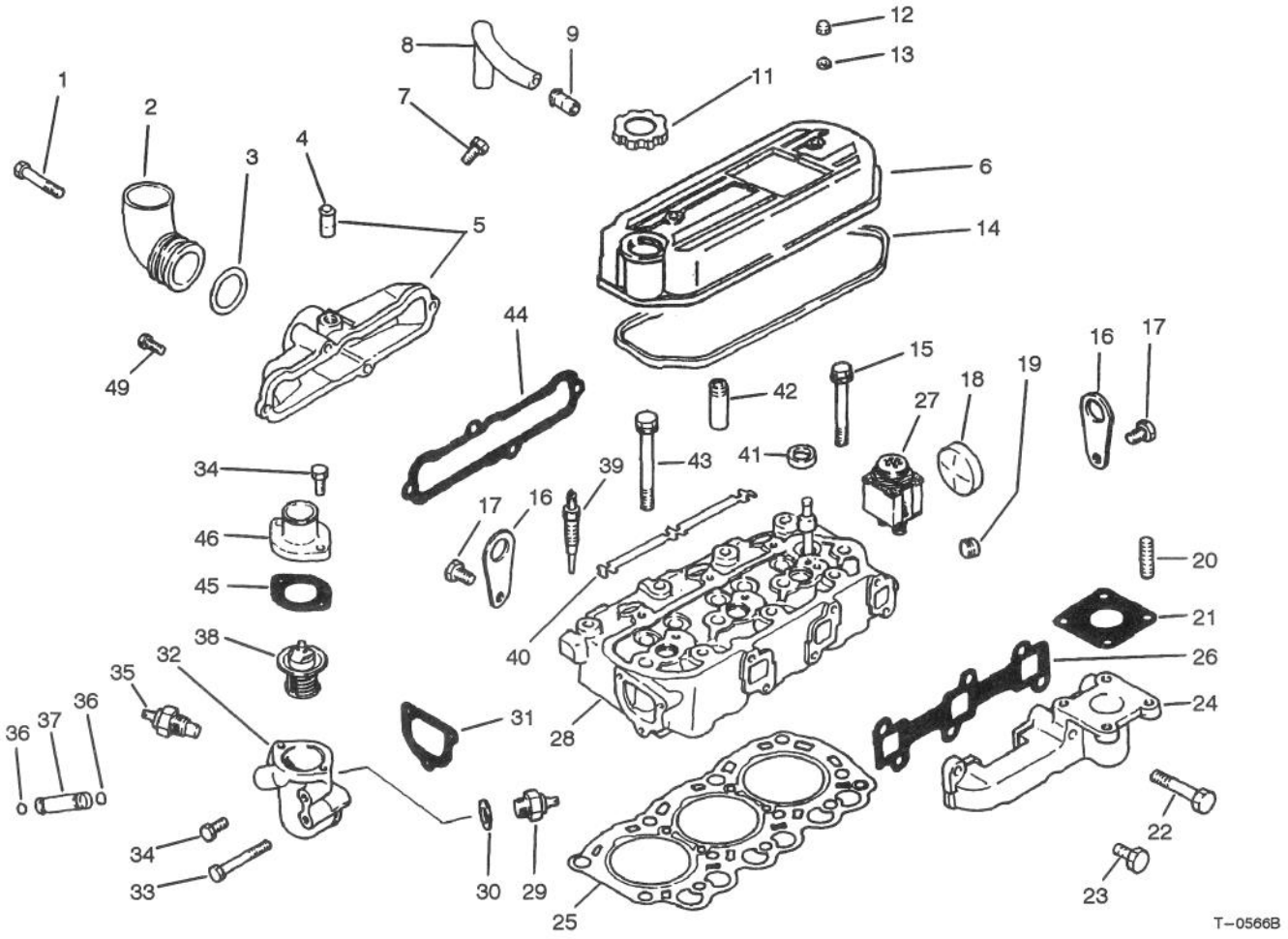
T–0564

CAMSHAFT ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	75–4960	Block Assembly (Incl. Ref. #2, 5, 6 & 24)	1
2	42–7080	Cap	2
3	75–4900	Bearing Set STD	1
*	67–2410	Bearing Set 0.25 mm US	1
*	67–2420	Bearing Set 0.50 mm US	1
4	67–2200	Seal	4
5	67–2250	Bolt	8
6		Cap Assembly	1
7	67–3010	Cam Shaft	1
8	56–0480	Key – Woodruff	1
9	67–3030	Bearing	2

Ref. No.	Part No.	Description	No. Used
10	67–3000	Washer	2
11	42–9490	Bolt W/Washer	2
12	67–3020	Gear	1
13	67–3090	Gear Assembly	1
14	67–3040	Plate	1
15	56–1060	Snap Ring	1
17	67–3070	Gear	1
20	42–7840	Key	1
21	67–3060	Shaft	1
22	67–3050	Bearing	1
23	67–3080	Snap Ring	1
24	56–0020	Plug	3

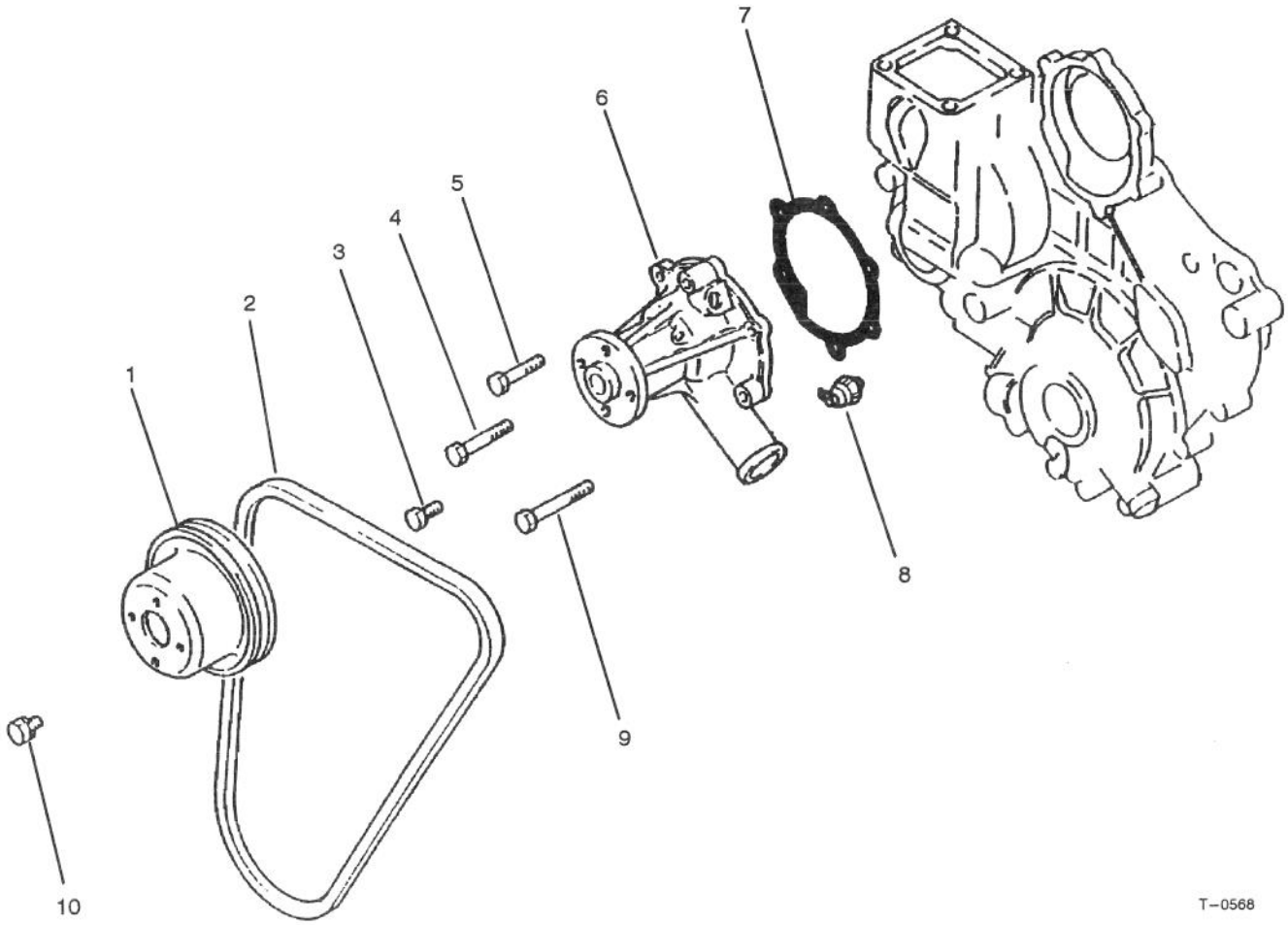
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CYLINDER HEAD ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	67-4400	Bolt	2
2	67-4520	Pipe	1
3	67-4540	Seal – O-Ring	1
4	42-7510	Pipe	1
5	67-4530	Cover – Intake	1
6	92-0846	Cover Assembly (Incl. Ref. #9)	1
7	42-9430	Bolt W/Washer	1
8	67-2670	Hose – Breather	1
9	42-7510	Pipe	1
11	92-0847	Cap – Oil Filler	1
12	67-2770	Nut – Cap	2
13	67-2780	Washer	2
14	67-2760	Gasket	1
15	67-2740	Bolt – Flange	3
16	67-2680	Hanger –Engine	2
17	67-2340	Bolt W/Washer	4
18	56-0020	Plug – Expansion	1
19	67-2570	Plug – Taper	1
20	42-9570	Stud	4
21	42-9110	Gasket	1
22	67-4580	Bolt	2
23	67-4590	Bolt	4
24	67-4560	Manifold – Exhaust	1

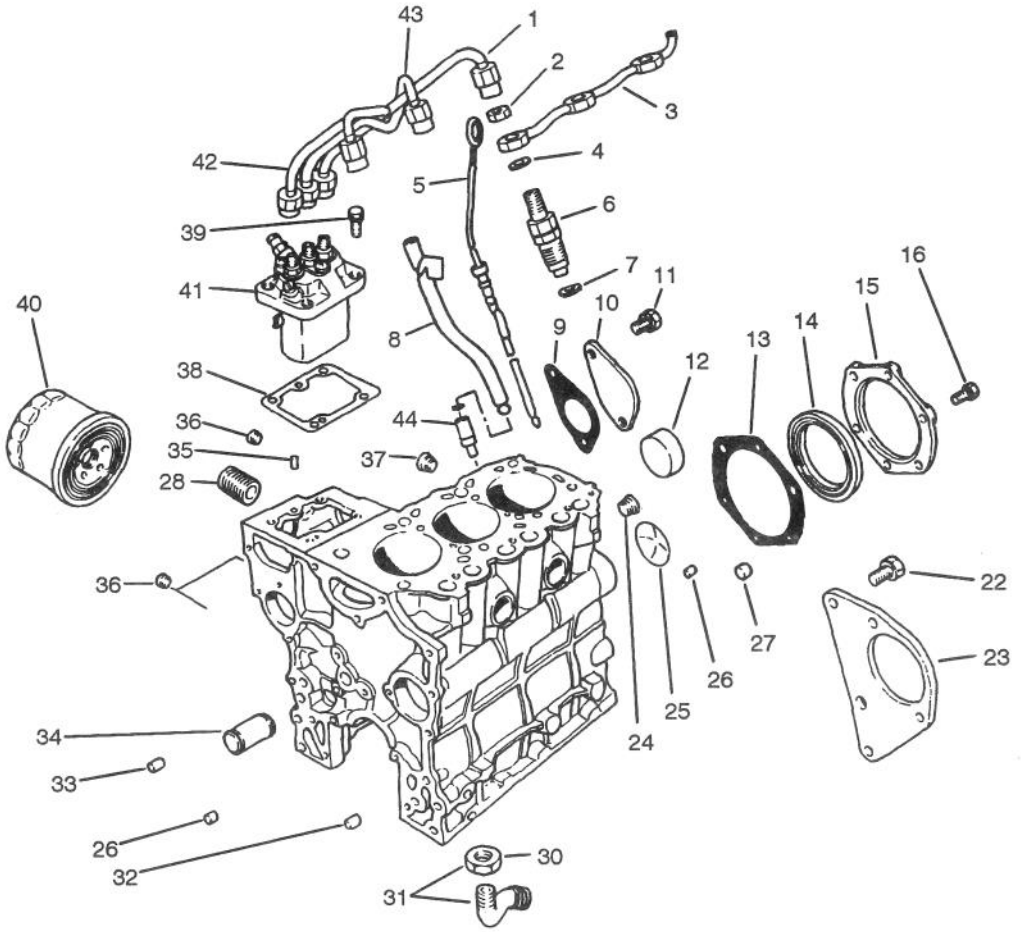
Ref. No.	Part No.	Description	No. Used
25	75-4950	Gasket – Cylinder Head	1
26	67-4570	Gasket – Exhaust Manifold	1
27	67-4700	Lamp – Glow	1
28	75-4930	Cylinder Head Assembly (Incl. Ref. #18, 41 & 42)	1
29	67-4500	Switch – Thermo	1
30	67-4490	Gasket	1
31	67-4460	Gasket – Switch	1
32	67-4450	Fitting – Thermostat	1
33	67-4470	Bolt	1
34	67-2330	Bolt	4
35	67-4510	Gauge Nut – Temperature	1
36	43-2710	Seal – O-Ring	2
37	67-4480	Pipe – By-Pass	1
38	67-4440	Thermostat	1
39	67-4680	Plug – Glow	3
40	67-4690	Plate – Glow Plug	1
41	67-2710	Cap – Sealing	3
42	67-2700	Guide – Valve	6
43	67-2730	Bolt	8
44	67-4550	Gasket–Intake Manifold	1
45	67-4430	Gasket – Fitting	1
46	67-4420	Fitting – Water	1
49	67-2330	Bolt	2



WATER PUMP ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	67–4360	Pulley – Water Pump	1
2	67–4410	V–Belt	1
3	67–2330	Bolt	2
4	67–4400	Bolt	1
5	67–2600	Bolt	1

Ref. No.	Part No.	Description	No. Used
6	67–4380	Water Pump Assembly	1
7	67–4390	Gasket – Water Pump	1
8	67–4350	Switch – Oil Pressure	1
9	67–2610	Bolt	2
10	42–9490	Bolt W/Washer	4



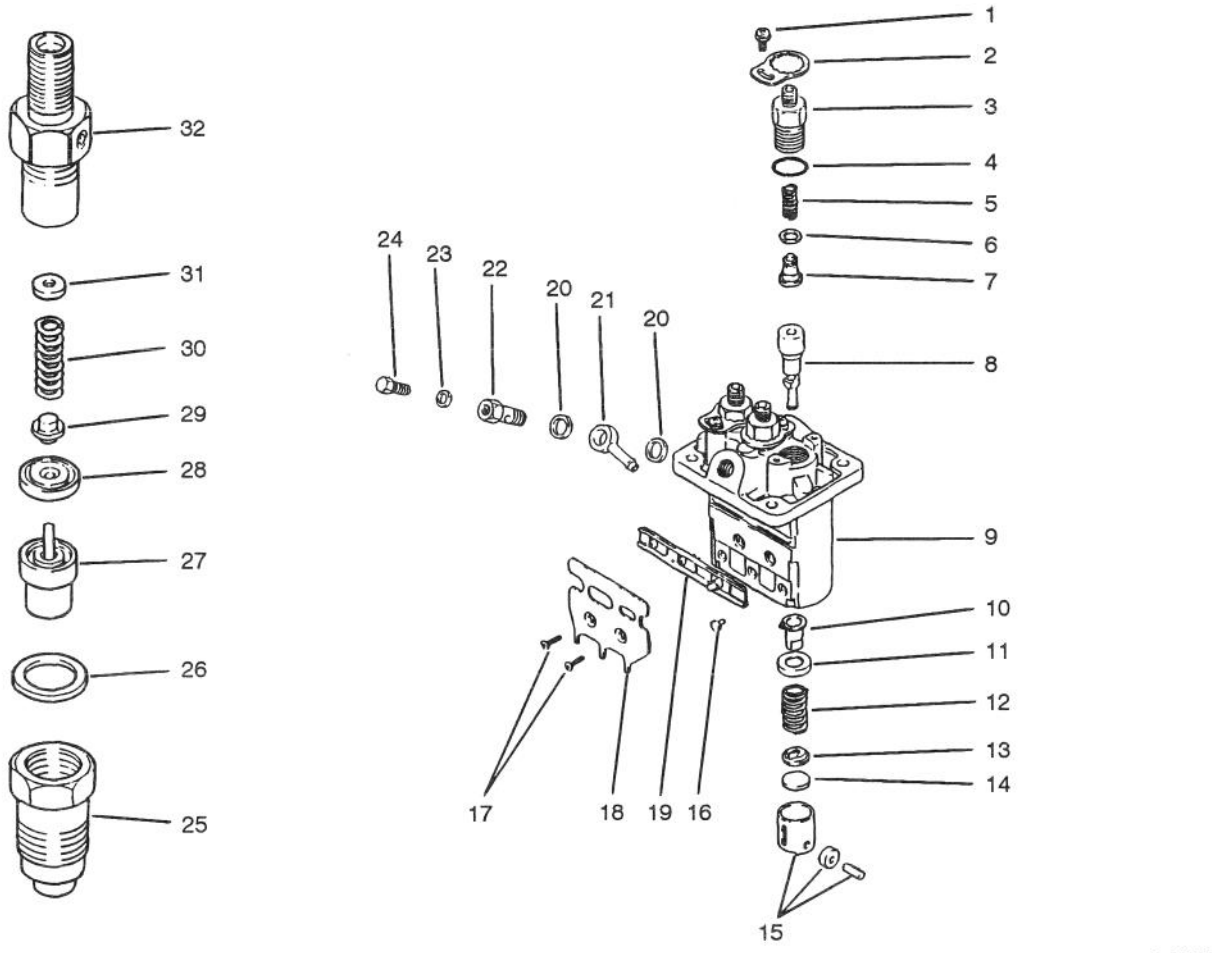
T-1801

FUEL SUPPLY & ENGINE BLOCK ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	67-3420	Pipe Assy. No. 3	1
2	67-3430	Nut	3
3	70-8700	Pipe - Fuel Return	1
4	67-3440	Gasket	3
5	70-8880	Dipstick	1
6	67-3380	Nozzle & Holder Assembly	1
7	67-3390	Gasket - Nozzle Holder	3
8	70-8870	Guide - Oil Level	1
9	67-2300	Gasket	1
10	67-2290	Cover	1
11	67-2340	Bolt W/Washer	2
12	56-0020	Plug-Expansion	3
13	67-2280	Gasket-Seal, Oil	1
14	67-2230	Seal-Oil	1
15	67-2270	Case - Oil Seal	1
16	67-2330	Bolt	6
22	67-2440	Bolt W/Washer	3
23	67-2430	Bracket - Starter	1
24	67-2390	Plug - Taper	1
25	67-2350	Plug - Expansion	1
26	67-2360	Bushing - Knock	2
27	67-2380	Bushing - Knock	3
28	56-1230	Shaft - Oil Filter	1
30	42-9650	Nut - Jam	1

Ref. No.	Part No.	Description	No. Used
31	67-4340	Screen Assembly (Incl. Ref. #30)	1
32	67-2370	Bushing - Knock	1
33	42-7190	Bushing - Knock	2
34	67-2260	Shaft-Idler	1
35	56-0220	Pin - Dowel	2
36	67-2210	Plug - Taper	3
37	56-0100	Plug - Taper	1
38	67-3280	Shim 0.2 mm	1
*	67-3290	Shim 0.3 mm	1
*	67-3300	Shim 0.5 mm	1
*	67-3310	Shim 0.4 mm	1
*	67-3320	Shim 0.6 mm	1
*	67-3330	Shim 0.7 mm	1
*	67-3340	Shim 0.8 mm	1
*	67-3350	Shim 0.9 mm	1
*	67-3360	Shim 1.0 mm	1
39	67-3370	Bolt W/Washer	4
40	67-4330	Oil Filter Assembly	1
41	75-5020	Injector Pump Assembly	
42	67-3400	Pipe Assy. No. 1	1
43	67-3410	Pipe Assy. No. 2	1
44	82-8110	Retainer - Oil Guide	1

*Not Illustrated



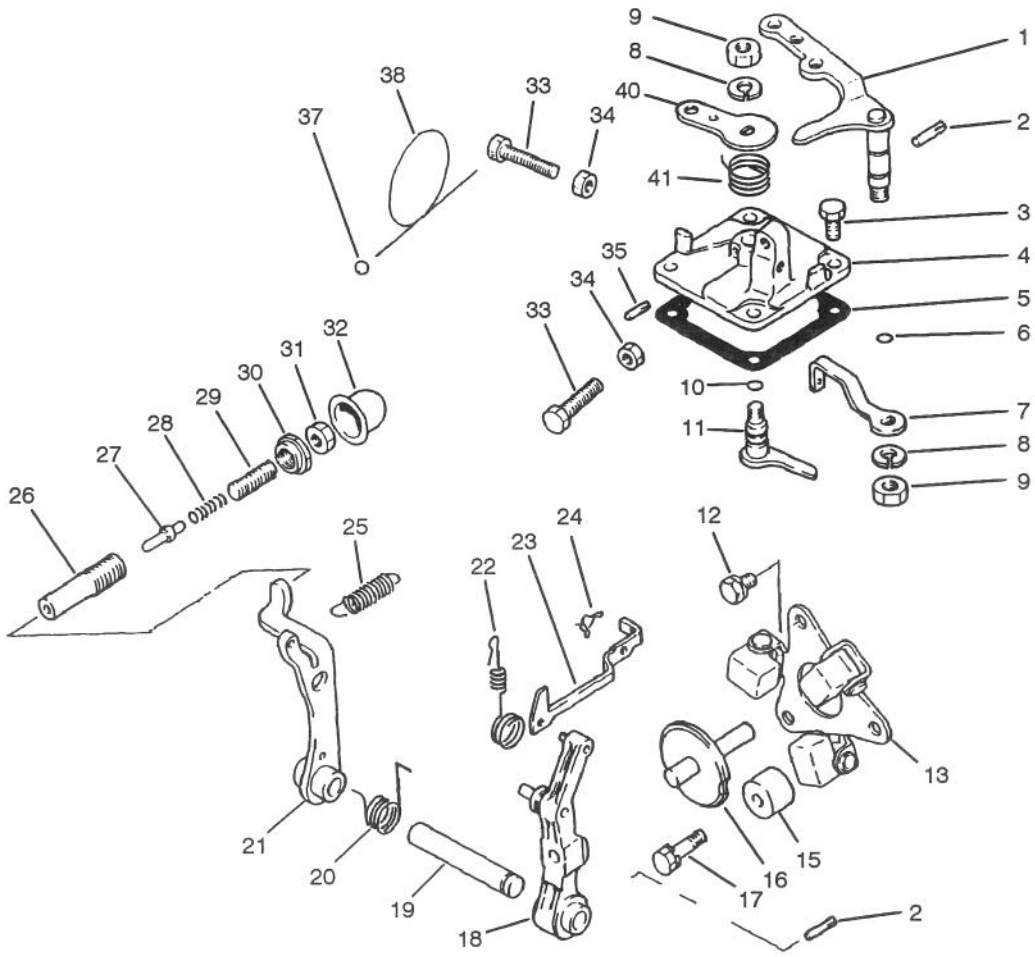
T-0570

FUEL INJECTION PUMP ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	67-3770	Screw W/Washer	3
2	67-3760	Plate – Lock	3
3	67-3740	Holder-Delivery Valve	3
4	67-3480	Seal – O-Ring	3
5	67-3490	Spring	3
6	42-8240	Gasket	3
7	67-3500	Valve	3
8	75-4970	Element	3
9	67-3460	Housing-Pump	1
10	67-3520	Sleeve	3
11	67-3530	Seat – Spring Upper	3
12	67-3540	Spring	3
13	67-3550	Seat – Spring Lower	3
14	67-3560	Plate – Shim 1.85 mm	1
*	67-3570	Plate – Shim 1.9 mm	1
*	67-3580	Plate – Shim 1.95 mm	1
*	67-3590	Plate – Shim 2.0 mm	1
*	67-3600	Plate – Shim 2.05 mm	1
*	67-3610	Plate – Shim 2.1 mm	1
*	67-3620	Plate – Shim 2.15 mm	1
*	67-3630	Plate – Shim 2.2 mm	1
*	67-3640	Plate – Shim 2.25 mm	1
*	67-3650	Plate – Shim 2.3 mm	1
*	67-3660	Plate – Shim 2.35 mm	1
*	67-3670	Plate – Shim 2.4 mm	1
*	67-3680	Plate – Shim 2.45 mm	1
*	67-3690	Plate – Shim 2.5 mm	1
15	67-3700	Tappet	3
16	67-3810	Pin – Tappet Guide	3

Ref. No.	Part No.	Description	No. Used
17	67-3790	Screw	2
18	67-3800	Bracket – Wire Stop	1
19	67-3780	Rack	1
20	67-3750	Washer	2
21	67-3740	Nipple – Swivel	1
22	67-3730	Screw	1
23	67-3720	Washer	1
24	67-3710	Screw – Air Bleed	1
25	67-3970	Nut – Retaining	3
26	67-3980	Gasket	3
27	67-3960	Nozzle	3
28	67-3950	Piece – Distance	3
29	67-3940	Pin – Pressure	3
30	67-3930	Spring	3
31	67-3830	Washer 1.25 mm	1
*	67-3840	Washer 1.3 mm	1
*	67-3850	Washer 1.35 mm	1
*	67-3860	Washer 1.4 mm	1
*	67-3870	Washer 1.45 mm	1
*	67-3880	Washer 1.5 mm	1
*	67-3890	Washer 1.55 mm	1
*	67-3900	Washer 1.6 mm	1
*	67-3910	Washer 1.65 mm	1
*	67-3920	Washer 1.7 mm	1
32	75-5000	Body	3
*	53-8150	Pump Assembly (Incl. Ref. 21-24)	1
*	67-3380	Nozzle and Holder Assembly (Incl. Ref. #25-32)	3

*Not Illustrated



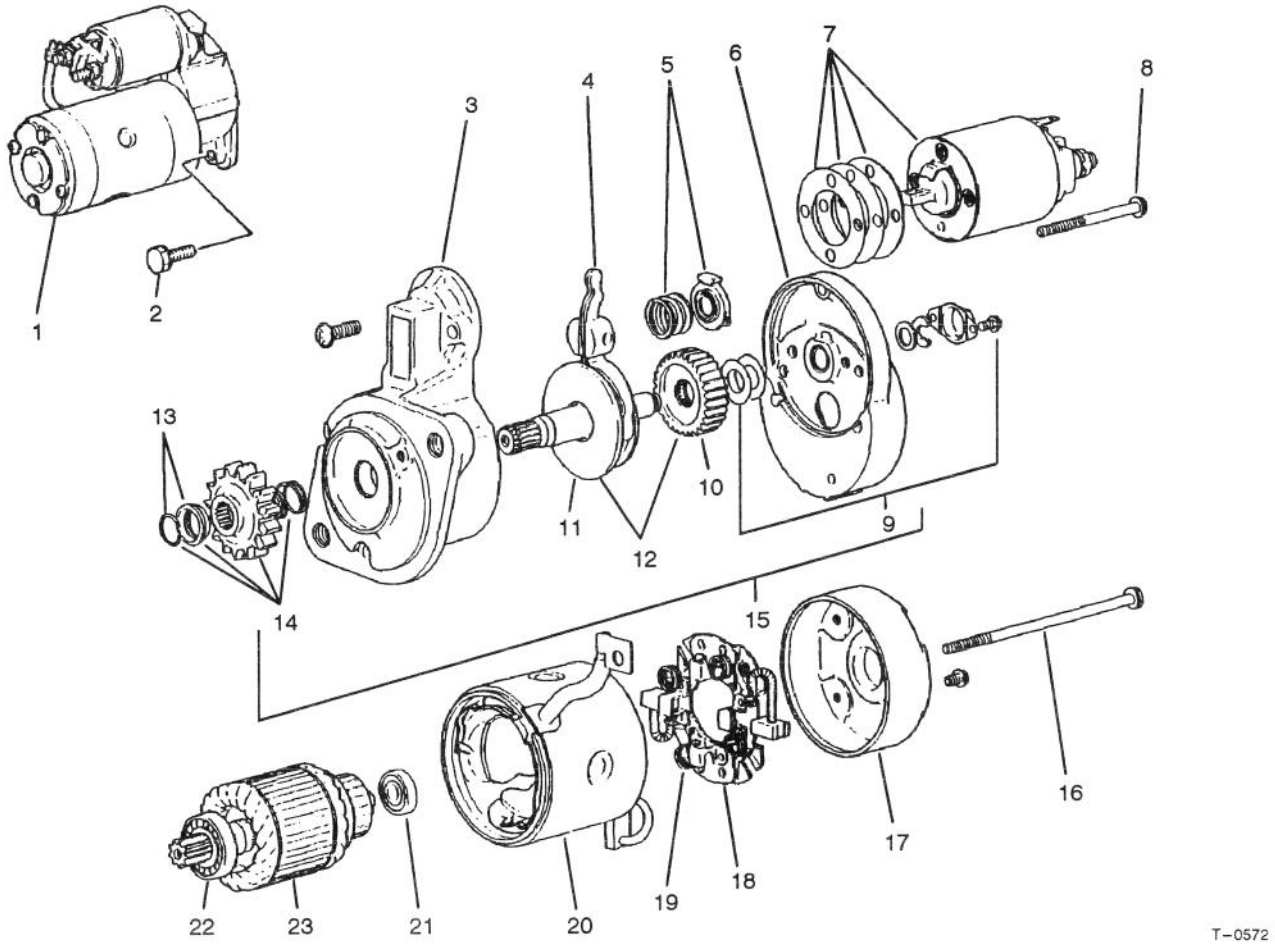
T–0571A

GOVERNOR ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	67–3990	Lever – Speed Control	1
2	67–4000	Pin	2
3	67–4270	Bolt	4
4	67–4130	Cover – Governor	1
5	67–4160	Gasket	1
6	42–8830	Seal – O–Ring	1
7	75–4980	Lever – Governor Spring	1
8	67–3260	Washer	2
9	42–9640	Nut – Jam	2
10	42–8830	Seal – O–Ring	1
11	67–4140	Lever – Stop	1
12	42–9430	Bolt W/Washer	2
13	67–4040	Weight Assembly	1
15	67–4010	Stopper	1
16	67–4070	Shaft – Sliding	1
17	67–4280	Bolt W/Washer	1
18	67–4060	Lever – Governor	1
19	67–4050	Shaft – Governor	1
20	67–5040	Spring	1
21	67–4090	Lever – Tension	1
22	70–8720	Spring – Tie Rod	1

Ref. No.	Part No.	Description	No. Used
23	67–4030	Rod – Tie	1
24	67–4080	Clip	1
25	75–4990	Spring – Governor	1
26	67–4210	Case – Torque Spring	1
27	67–4230	Stopper	1
28	67–4190	Spring – Torque	1
29	67–4220	Screw – Adjusting	1
30	67–4200	Nut – Special	1
31	67–4180	Nut	1
32	43–2820	Cap – Sealing Torque Set	1
33	42–9420	Bolt – Speed Set	4
34	67–4290	Nut	4
35	67–4120	Pin – Grooved	1
37	42–8690	Metal – Sealing	1
38	42–8700	Wire	1
40	67–4150	Lever – Stop	1
*	67–4110	Cover Assembly (Incl. Ref. #4, 8–11, 35 & 40)	1
*	67–4170	Spring Set (Incl. Ref. #26–31)	1

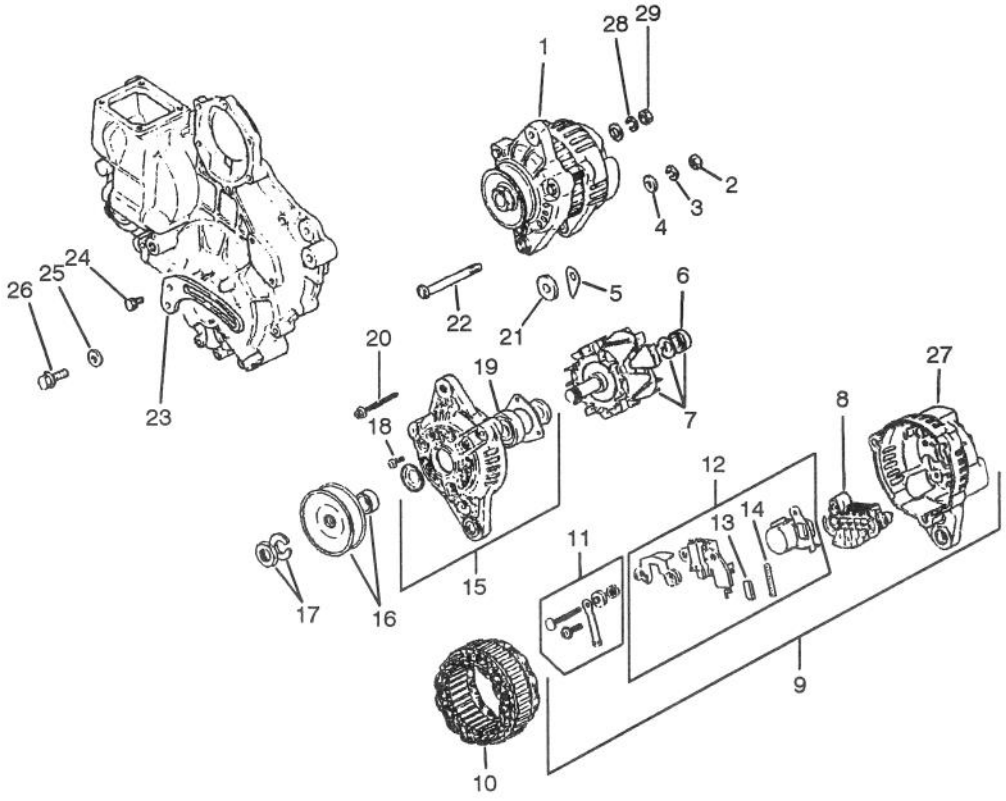
*Not Illustrated



STARTER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	70–8760	Starter Assembly (Incl. Ref. #3–23)	1
2	67–4610	Bolt W/Washer	2
3	70–8770	Bracket – Front	1
4	67–4720	Lever	1
5	67–4730	Spring Set	1
6	70–8780	Bracket – Center	1
7	67–4750	Switch	1
8	56–1570	Bolt Set	1
9	56–1680	Cover Set	1
10	56–1670	Gear	1
11	67–4790	Shaft	1
12	67–4780	Gear Set (Incl. Ref. #10 & 11)	1
13	56–1640	Stopper Set	1

Ref. No.	Part No.	Description	No. Used
14	67–4770	Pinion Set (Incl. Ref. #13)	1
15	67–4760	Shaft Assembly (Incl. Ref. #9, 12 & 14)	1
16	56–1610	Bolt	1
17	56–1720	Bracket – Rear	1
18	56–1700	Holder – Brush (Incl. Ref. #19)	1
19	56–1710	Spring – Brush	4
20	67–4800	Yoke	1
21	56–1600	Bearing – Rear	1
22	56–1590	Bearing – Front	1
23	56–1580	Armature Set (Incl. Ref. #21 & 22)	1



T–0573

ALTERNATOR ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	67–4630	Alternator Assembly (Incl. Ref. #6–17)	1
2	67–4670	Nut	1
3	67–3260	Washer	1
4	42–9660	Washer	1
5	43–0370	Shim	1
6	67–4870	Bearing – Rear	1
7	67–4860	Rotor Assembly (Incl. Ref. #6)	
8	67–4930	Rectifier	1
9	67–4890	Rear Cover Assembly (Incl. Ref. #8, 11, 12 & 27)	1
10	67–4880	Stator	1
11	67–4900	Terminal Set	1
12	67–4910	Regulator Assembly (Incl. Ref. #13 & 14)	1

Ref. No.	Part No.	Description	No. Used
13	67–4920	Brush	2
14	43–0510	Spring – Brush	2
15	67–4830	Front Bracket Assembly (Incl. Ref. #18 & 19)	1
16	67–4810	Pulley Set	1
17	43–1920	Nut Set	1
18	67–4840	Screw Set	1
19	67–4850	Bearing – Front	1
20	67–4820	Bolt Set	1
21	67–4620	Spacer	1
22	67–4640	Bolt	1
23	75–4940	Brace – Alternator	1
24	42–9440	Bolt W/Washer	1
25	54–8660	Washer	1
26	67–4660	Bolt – Flange	1
27	72–6140	Cover – Rear	1

TORO PART NUMBER INDEX

Part No.	Description	Pg. No.	Ref. No.	Qty.
3–3251	Spring	5	12	1
3–4324	Washer	29	38	1
3–6624	Spring	29	27	1
3–6657	Clip – Skid	28	33	1
3–7243	Spring – Return	5	20	2
4–2390	Washer	29	28	1
5–0652	Spacer	17	30	1
5–3637	Washer – Flat	28	38	1
5–7570	Washer	7	6	2
6–1659	Switch – Glow Plugs	3	13	1
7–3900	Foot Pad – Brake	5	28	2
10–8110	Washer	25	10	5
12–5450	Screw – Thread Forming	14	15	8
14–7149	Assembly – Hood	1	1	1
21–0141	Joint – Ball R.H.	25	34	2
21–0151	Joint – Ball L.H.	25	30	2
21–7670	Differential Case	14	6	1
21–7690	Gear – Pinion	14	10	2
21–7700	Shaft – Pinion Mate	14	7	1
21–7720	Washer – Thrust	14	8	2
21–7730	Washer – Thrust	14	11	2
21–7770	Screw – Drive Gear	14	5	5
21–7830	Cover – Gear	14	16	1
21–7850	Cap Plug	14	27	1
21–8020	Spacer – Frt. Pinion Bearing	15	29	1
21–8090	Diff. Adjust. Shim. .003	15	35	A/R
21–8100	Diff. Adjust. Shim. .005	15	36	A/R
21–8110	Diff. Adjust. Shim. .010	15	37	A/R
21–8120	Diff. Adjust. Shim. .030	15	38	A/R
21–8180	Bearing – Tapered Roller	16	3	2
21–8270	Pin – Dowel	14	4	2
21–8360	Clip – Retaining	16	10	2
21–9260	Cover – Dust	5	39	1
21–9370	Adjusting Screw	16	7	2
21–9380	Nut – Pivot	16	8	2
21–9390	Socket – Adjusting Screw	16	6	2
21–9420	Spring – Shoe Return L.H.	16	18	2
21–9430	Spring – Shoe Return R.H.	16	17	2
21–9440	Screw – Spring Adjusting	16	14	2
21–9450	Dust Shield	16	4	2
21–9460	Retainer – Parking Brake	16	15	4
23–2270	Bushing – Rubber	17	3	1
23–2300	Oil Filter	17	27	1
23–7270	Nut – Lug	13	20	10
24–8790	Gear – Bevel, Differential	14	9	2
24–8840	Ring – Wheel Bearing	16	22	2
24–9180	Strut/Lever – Parking Brake	16	19	2
25–2380	Plate – Thrust	19	15	2
25–2430	Pin	19	46	2
25–2460	Hex Hd. Plug	19	23	2
25–2470	Shim Pack	19	25	A/R
25–2480	Relief Valve Spring Charge	19	44	1
25–2500	Shaft – Trunnion	19	2	1
25–2510	Washer	19	3	2
25–3210	Lip Seal	19	7	2
25–3300	Bearing – Needle	19	18	2
27–2360	Switch – Ignition	3	7	1
27–3680	Spacer – Mounting	17	5	4
27–3690	Gasket – Transmission	17	38	1
27–4240	Pin – Cylinder	10	30	2
27–4370	Hub – Pump	17	10	1
27–6590	Spacer	17	22	2
27–6600	Spacer – Rubber	17	15	6
27–6851	Shaft – Axle, Flanged R.H.	16	*	1
27–6861	Shaft – Axle, Flanged L.H.	16	1	1
27–7100	Assembly – Air Cleaner	22	25	1
27–7110	Assembly – Element	22	33	1
27–7120	Assembly – Nut & Gasket	22	34	1
27–7130	Assembly – Clamp	22	36	1
27–7140	Skirt – Baffle	22	35	1
27–7150	Assembly – Cup	22	37	1
27–7170	Assembly – Mounting Band	22	31	2
27–7180	Assembly – Cap	22	20	1
27–7310	Decal (Over Fill caution)	1	16	1
27–9620	Screw – Cap Hex. Hd.	17	29	1
28–0660	Screw – Cap Hex. Hd.	16	21	8
28–0670	Oil Seal	16	13	2
28–0680	Brake Drum	16	11	2
28–1280	Boot – Positive Cable	9	63	1
28–3300	Bearing – Roller	19	4	1
28–3310	Bearing – Needle	19	5	2
28–3340	Gasket	19	49	1
28–3350	Pin	19	48	2
28–3380	Plate – Motor Valve	19	45	1
28–3400	O–Ring	19	24	2
28–3420	Relief Valve Cone Charge	19	27	2
28–3440	Threaded Plug	19	42	2
28–3450	Washer – Flat	19	36	2
28–3470	Lip Seal	19	34	1
28–3480	Bearing – Needle	19	33	1
28–3520	O–Ring	19	31	1
28–3530	Screw – Cap Hex. Hd.	19	30	2
28–3570	O–Ring	19	21	2
28–3580	Ring – Backup	19	20	2
28–3590	O–Ring	19	19	2
28–3640	Shaft – Pump	19	12	1
28–3650	Bearing – Ball	19	10	1
28–3660	Lip Seal	19	9	1
28–3670	Shaft – Trunnion	19	8	1
28–5220	Wheel – Friction	7	5	1
28–8070	Lanyard	23	66	1
29–4730	Washer – PTO	8	16	1
29–6150	Spring – Leaf	21	22	1
29–6162	Micro Switch	21	7	1
29–6170	Spring – Extended Leaf	21	5	1
29–9790	Pump – Lever	21	2	1
36–7290	Shaft & Bearing	28	5	1
37–9590	Spring – Compression	22	44	1
38–2670	Kit – Charge Pump	19	37	1
38–2680	Pin	19	32	1
42–7080	Cap	34	2	2
42–7190	Bushing – Knock	37	33	2
42–7210	Plug–Taper	33	19	1
42–7290	Gasket – Drain	33	16	2
42–7510	Pipe	35	4	1
42–7510	Pipe	35	9	1
42–7840	Key	34	20	1
42–7860	Lock	31	33	12
42–7870	Seal	31	30	6
42–8240	Gasket	38	6	3
42–8690	Metal – Sealing	39	37	1
42–8700	Wire	39	38	1
42–8830	Seal – O–Ring	39	6	1
42–8830	Seal – O–Ring	39	10	1
42–9110	Gasket	35	21	1
42–9260	Plug – Drain	33	15	1
42–9420	Bolt – Speed Set	39	33	4
42–9430	Bolt W/Washer	35	7	1
42–9430	Bolt W/Washer	39	12	2
42–9440	Bolt W/Washer	33	8	11
42–9440	Bolt W/Washer	41	24	1
42–9440	Bolt W/Washer	31	25	4
42–9490	Bolt W/Washer	36	10	4
42–9490	Bolt W/Washer	34	11	2

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
42–9490	Bolt W/Washer	33	18	18
42–9510	Bolt	32	42	1
42–9570	Stud	35	20	4
42–9590	Nut	31	17	6
42–9640	Nut – Jam	39	9	2
42–9650	Nut – Jam	37	30	1
42–9660	Washer	41	4	1
42–9660	Washer	32	39	3
42–9850	Washer – Lock	29	4	4
42–9850	Washer – Lock	17	19	2
42–9850	Washer – Lock	28	41	2
43–0370	Shim	41	5	1
43–0510	Spring – Brush	41	14	2
43–1920	Nut Set	41	17	1
43–2550	Filter	23	81	1
43–2560	Gasket	23	82	1
43–2570	Gasket	23	80	1
43–2580	Magnet	23	83	1
43–2710	Seal – O–Ring	35	36	2
43–2740	Gasket	29	24	1
43–2750	Nut – Jam	29	46	1
43–2820	Cap – Sealing	32	47	1
43–2820	Cap – Sealing Torque Set	39	32	1
43–3160	Screw – Adjusting	32	44	1
43–4031	Cable – Battery Positive	9	62	1
43–4031	Wire – Positive	4	1	1
43–5320	Pulley – PTO	8	17	1
43–5920	Washer – Lock	28	39	1
43–5960	Nut – Special	32	46	1
43–5970	Nut – Hex.	28	40	1
43–6550	Ring – Retaining	14	26	1
43–6710	Shim Adjusting Differential	14	18	A/R
43–6711	Shim Adjusting Differential	14	19	A/R
43–6712	Shim Adjusting Differential	14	20	A/R
43–6713	Shim Adjusting Differential	14	21	A/R
43–6750	Cup – Tapered, Bearing	15	31	1
43–6760	Cone – Bearing, Tapered	14	13	1
43–6800	Nut – Lock, Flange Hd.	16	12	8
43–6810	Torque Spider	16	5	2
43–8600	Spring – Compression	23	54	1
43–8610	Guide – Spring & Ball Seat	23	59	1
43–8620	Guide – Switch Pin	23	63	1
43–8860	Plunger – Switch	23	60	1
43–8870	Boot – Switch	23	65	1
43–9071	Switch – Seat	23	*	1
44–2230	Coupling – Rubber	17	16	2
44–8320	Spring	30	10	3
44–8530	Sock – Hose	5	47	1
46–2210	Shim Front Pinion Bearing	14	28	A/R
46–2211	Shim Front Pinion Bearing	14	*	A/R
46–2212	Shim Front Pinion Bearing	14	*	A/R
46–2213	Shim Front Pinion Bearing	14	*	A/R
46–2214	Shim Front Pinion Bearing	14	*	A/R
46–2215	Shim Front Pinion Bearing	14	*	A/R
46–2216	Shim Front Pinion Bearing	14	*	A/R
46–2220	Shim Front Pinion Bearing	14	*	A/R
46–2221	Shim Front Pinion Bearing	14	*	A/R
46–2222	Shim Front Pinion Bearing	14	*	A/R
46–2223	Shim Front Pinion Bearing	14	*	A/R
46–2224	Shim Front Pinion Bearing	14	*	A/R
46–2225	Shim Front Pinion Bearing	15	*28	A/R
46–2226	Shim Front Pinion Bearing	15	*	A/R
46–2410	Shim Front Pinion Bearing	15	*	A/R
46–2411	Shim Front Pinion Bearing	15		A/R
46–2412	Shim Front Pinion Bearing	15	*	A/R
46–2413	Shim Front Pinion Bearing	15	*	A/R
46–2414	Shim Front Pinion Bearing	15	*	A/R
46–2415	Shim Front Pinion Bearing	15	*	A/R
46–2416	Shim Front Pinion Bearing	15	*	A/R
46–2420	Shim Front Pinion Bearing	15	*	A/R
46–2421	Shim Front Pinion Bearing	15		A/R
46–2422	Shim Front Pinion Bearing	15	*	A/R
46–2423	Shim Front Pinion Bearing	15	*	A/R
46–2424	Shim Front Pinion Bearing	15	*28	A/R
46–2425	Shim Front Pinion Bearing	15	*	A/R
46–2426	Shim Front Pinion Bearing	15	*	A/R
46–6550	Connector 90°	13	3	1
46–6560	Bushing	13	40	2
46–6810	Screw – Cap Hex. Hd.	1	26	13
46–7310	Relief Valve Spring Imp.	19	26	1
46–7320	Plate – Pump Valve	19	17	1
46–8091	Screw – Cap Hex. Hd.	2	43	2
46–8810	Stop – Leaf Spring	21	9	1
48–1800	Kit – Cylinder Block	19	16	2
48–7700	Screw – Hex.	28	43	1
48–7930	Nut – Hex.	29	5	4
48–9460	Screw – Cap Hex. Hd.	17	20	2
48–9590	Washer – Lock	29	12	10
48–9590	Washer – Lock	28	15	8
49–7820	Variable Swashplate	19	13	1
49–7830	Assembly – Check Valve	19	22	2
49–8200	Shaft – Motor	19	47	1
51–3150	Shim	21	24	1
52–1321	Decal – Diesel Fuel Only	22	16	1
52–2340	Spacer	28	31	1
52–8890	Bracket – Mounting	21	16	2
52–9070	Plate – Pump	21	17	1
53–4430	Decal – Oil	2	34	1
53–8130	Gasket – Exhaust	29	2	1
53–8150	Pump – Fuel	22	40	1
53–8150	Pump Assembly	38	*	1
54–7950	Drive Shaft Assembly	9	*	1
54–8660	Washer	41	25	1
54–9040	Yoke – End	8	32	1
54–9050	Shaft – Slip Yoke	8	31	1
54–9090	Yoke – End	8	28	1
54–9170	Tube – Slip Yoke	8	29	1
54–9180	Kit – Universal Joint	8	35	2
56–0020	Plug	34	24	3
56–0020	Plug – Expansion	35	18	1
56–0020	Plug–Expansion	37	12	3
56–0100	Plug – Taper	37	37	1
56–0220	Pin – Dowel	37	35	2
56–0480	Key – Woodruff	34	8	1
56–0480	Key – Woodruff	31	18	2
56–1060	Snap Ring	34	15	1
56–1230	Shaft – Oil Filter	37	28	1
56–1570	Bolt Set	40	8	1
56–1580	Armature Set	40	23	1
56–1590	Bearing – Front	40	22	1
56–1600	Bearing – Rear	40	21	1
56–1610	Bolt	40	16	1
56–1640	Stopper Set	40	13	1
56–1670	Gear	40	10	1
56–1680	Cover Set	40	9	1
56–1700	Holder – Brush	40	18	1
56–1710	Spring – Brush	40	19	4
56–1720	Bracket – Rear	40	17	1
56–2460	Washer – Flat	25	48	A/R
57–6390	Nut – Hex.	28	42	2
58–6320	Wiper – Seal	11	1	1
58–6400	Bushing	11	5	1
58–6420	Assembly – Cap	11	8	1
58–6450	O–Ring	11	2	2

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
58–6460	Ring – Retaining	11	9	1
59–9740	Assy. – Latch, Flex. Draw	2	47	1
62–5550	Decal – TORO	2	37	1
62–7020	Assembly – Wheel & Tire	13	*	2
62–7400	Decal – Toro	17	18	1
62–7650	Gasket	13	38	1
63–6010	Hose – Upper	12	18	1
63–6020	Hose – Lower	12	21	1
63–6030	Hub – Clutch	29	44	1
63–6040	Hose – Air Cleaner Inlet	22	21	1
63–6050	Clutch – Electric	29	40	1
63–6180	Pedal – L.H. Brake	5	26	1
63–6190	Pedal – R.H.Brake	5	29	1
63–6210	Pin – Brake	5	22	1
63–6240	Belt – PTO	8	18	1
63–6250	Shaft – PTO Tension	29	34	1
63–6290	Pin – Tension	29	26	1
63–6410	Rod – Pump Control	7	15	1
63–6410	Tube – Traction Control	17	1	1
63–6430	Frame – Rear	25	3	1
63–6440	Shield – Radiator	12	27	1
63–6610	Drive Shaft	17	17	1
63–6630	Cylinder – Lift	10	31	2
63–6690	Lever – Clutch Anchor	29	42	1
63–6700	Bracket	29	10	1
63–6720	Lever – Idler	28	24	1
63–6750	Link – Brake Cable	5	19	2
63–6760	Swivel – Throttle Cable	9	*	1
63–6760	Swivel – Throttle Cable	28	14	1
63–6770	Pin – Rear Axle	25	7	1
63–6880	Rod – Tie	25	32	2
63–6890	Plate – Hinge R.H.	2	42	1
63–6900	Plate Hinge L.H.	1	10	1
63–7030	Screen – Hood	1	3	1
63–7141	Mount – Shock (Red)	8	8	1
63–7142	Mount – Shock (Yellow)	8	43	3
63–7170	Anchor – Transmission	17	41	1
63–7300	Fender – R.H.	2	39	1
63–7310	Fender L.H.	1	20	1
63–7320	Cover – Tower Rear	1	32	1
63–7340	Wire – Ground	8	1	1
63–7340	Wire – Ground	4	2	1
63–7340	Wire – Ground	28	49	1
63–7380	Tank – Expansion	28	11	1
63–7400	Washer – Rebound	8	42	4
63–7410	Bracket – Bulkhead	10	37	1
63–7430	Gage – Temperature	3	15	1
63–7440	Solenoid – Stop	29	1	1
63–7590	Relay	22	47	2
63–7600	Hose – Fuel	12	23	1
63–7610	Hose	9	61	1
63–7620	Hose	22	19	1
63–7630	Hose	13	7	2
63–7630	Hose	22	42	1
63–7640	Sender – Fuel	13	6	1
63–7700	Assembly – Frame, Screen	12	1	1
63–7710	Magnetic Strip	12	2	1
63–7730	Assy. – Cable, Brake R.H.	5	16	1
63–7731	Assy. – Cable, Brake L.H.	5	*	1
63–7790	Screw	29	13	10
63–7790	Screw	28	16	8
63–7880	Pin – Brake Latch	5	23	1
63–7900	Rack – Brake	5	15	1
63–7910	Rod – Brake Latch	5	9	1
63–7960	Assembly – Lift Valve	11	*	1
63–7960	Valve – Lift	10	6	1
63–8050	Box – Control	2	40	1
63–8090	Assembly – Lower Housing	14	1	1
63–8140	Pulley	28	28	1
63–8150	Key	29	41	1
63–8230	Angle – Clutch Anchor	29	16	2
63–8280	Assembly – Head	8	12	1
63–8290	Vent – Air	8	45	1
63–8300	Element – Spin–On	8	13	1
63–8310	Valve – Drain	8	40	1
63–8360	Key – Ignition	3	10	1
63–8410	Washer – Flat	9	70	4
63–9750	Mount	9	69	2
65–2740	Spacer	11	10	1
65–2750	Plunger	11	11	1
65–2760	Spring	11	12	1
65–2770	Washer	11	6	1
65–2930	Assembly – Plug	11	13	1
65–2950	Spring	11	7	1
65–5100	Handle – Hood	1	2	1
66–1930	Nut – Lock	27	6	1
66–1940	Piston	27	5	1
66–2320	Mount – Engine	28	19	1
66–2330	Base – Battery	8	6	1
66–2360	Support – Muffler	29	6	2
66–2440	Plate – Reservoir	28	10	1
66–2450	Bracket – Air Cleaner	23	74	1
66–2451	Bracket – Air Cleaner	22	29	2
66–2460	Panel – Control	3	1	1
66–2470	Plate – Tower	2	41	1
66–2490	Clamp – Battery Retainer	8	5	1
66–2590	Pin – Seat Spring	22	43	1
66–2630	Latch – Seat	22	14	1
66–2670	Bracket – Throttle	9	57	1
66–2720	Lever – Lift	10	4	1
66–2770	Tube – Cylinder	27	1	1
66–2800	Rod – Seat Support	22	10	1
66–2870	Cable – Hood Stop	29	8	1
66–2870	Cable – Hood Stop	2	45	1
66–2900	Tie Rod End	29	20	1
66–2910	Bumper – Rubber	29	17	2
66–2920	Washer – Friction	9	53	2
66–2940	Gage – Fuel	3	6	1
66–2950	Meter – Hour	3	14	1
66–2960	Cluster – Warning Light	3	5	1
66–2990	Cap – Spindle	25	14	2
66–3040	Cover – Tool Box	1	14	1
66–3050	Strip – Magnetic	1	15	1
66–3060	Dipstick – Differential	13	35	1
66–3100	Screw	29	29	1
66–3110	Hyd. Fitting	17	9	2
66–3130	Fitting – Tee	10	12	1
66–3160	Screw	29	48	1
66–3170	Hose	12	35	1
66–3180	Tube – Vent	12	20	1
66–3200	Tread – Foot Rest L.H.	1	29	1
66–3210	Tread – Foot L.H.	1	30	1
66–3240	Cap – Radiator	12	6	1
66–8110	Trim – Hood	1	8	1
66–8120	Standpipe	13	1	1
66–8140	Hose	20	11	1
66–8140	Hose	5	31	1
66–8150	Hose	20	6	1
66–8150	Hose – Hydraulic	10	14	1
66–8170	Hose	20	12	2
66–8170	Hose – Hydraulic	5	37	2
66–8180	Hose	20	5	1
66–8180	Hose Assembly	12	10	1
66–8190	Assembly – Hose, Hydraulic	10	25	1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
66–8190	Hose	20	3	1
66–8490	Hose	20	10	1
66–8490	Hose Assembly	17	23	1
66–8500	Hose	20	8	1
66–8500	Hose	10	15	1
66–8500	Hose Assembly	12	30	1
66–8620	Tube	20	9	1
66–8620	Tube Hydraulic (Pump–Str.)	5	33	1
66–8630	Tube	20	7	1
66–8630	Tube – Hydraulic (Str.–Lift)	5	32	1
66–8640	Assembly – Hose, Hydraulic	10	33	1
66–8640	Hose	20	4	1
66–8670	Decal – Hood R.H.	1	*	1
66–8680	Decal – Hood L.H.	1	7	1
66–8690	Lamp Harness	4	4	1
66–8700	Indicator – Glow	28	32	1
66–8750	Decal – Control Levers	23	56	1
66–8760	Decal – Tower L.H.	1	33	1
66–8770	Decal – Tower R.H.	1	*	1
66–8800	Relay	22	50	1
66–9970	Kit – Spring	6	*	1
66–9980	Kit – Seal	6	*	1
66–9990	Kit – Needle Roller	6	*	1
67–1631	Spacer	29	30	1
67–1690	Fitting	23	68	2
67–1710	Decal – Interlock	22	48	1
67–1720	Decal – Caution	1	27	2
67–1750	Bushing	25	9	6
67–1800	Pivot Plate	29	37	1
67–1900	Screw – Cap Hex. Hd.	17	43	1
67–2200	Seal	34	4	4
67–2210	Plug – Taper	37	36	3
67–2230	Seal–Oil	37	14	1
67–2250	Bolt	34	5	8
67–2260	Shaft–Idler	37	34	1
67–2270	Case – Oil Seal	37	15	1
67–2280	Gasket–Seal, Oil	37	13	1
67–2290	Cover	37	10	1
67–2300	Gasket	37	9	1
67–2310	Plate – Front	33	6	1
67–2320	Gasket – Plate	33	7	1
67–2330	Bolt	36	3	2
67–2330	Bolt	37	16	6
67–2330	Bolt	35	34	4
67–2330	Bolt	35	49	2
67–2340	Bolt W/Washer	33	3	3
67–2340	Bolt W/Washer	37	11	2
67–2340	Bolt W/Washer	35	17	4
67–2350	Plug – Expansion	37	25	1
67–2360	Bushing – Knock	37	26	2
67–2370	Bushing – Knock	37	32	1
67–2380	Bushing – Knock	37	27	3
67–2390	Plug – Taper	37	24	1
67–2410	Bearing Set 0.25 mm US	34	*	1
67–2420	Bearing Set 0.50 mm US	34	*	1
67–2430	Bracket – Starter	37	23	1
67–2440	Bolt W/Washer	37	22	3
67–2480	Gasket – Oil Pan	33	17	1
67–2500	Plunger – Relief	33	25	1
67–2510	Spring – Relief	33	26	1
67–2520	Plug	33	28	1
67–2530	Gear – Inner	33	12	1
67–2540	Gear – Outer	33	11	1
67–2550	Housing – Oil Pump	33	10	1
67–2560	Bolt W/Washer	33	9	3
67–2570	Plug – Taper	35	19	1
67–2570	Plug – Taper	33	29	1
67–2580	Gasket – Case	33	2	1
67–2590	Seal – Oil	33	23	1
67–2600	Bolt	36	5	1
67–2600	Bolt	33	21	3
67–2610	Bolt	36	9	2
67–2610	Bolt	33	22	4
67–2620	Bolt	33	24	1
67–2630	Seal – O–Ring	33	20	2
67–2640	Cap	33	30	1
67–2650	Oil Fill Cap Assembly	33	32	1
67–2660	Seal – O–Ring	33	31	1
67–2670	Hose – Breather	35	8	1
67–2680	Hanger –Engine	35	16	2
67–2700	Guide – Valve	35	42	6
67–2710	Cap – Sealing	35	41	3
67–2730	Bolt	35	43	8
67–2740	Bolt – Flange	35	15	3
67–2760	Gasket	35	14	1
67–2770	Nut – Cap	35	12	2
67–2780	Washer	35	13	2
67–2850	Rod Assembly–Connecting	31	9	3
67–2860	Bolt	31	12	6
67–2890	Bearing Set 0.25 mm US	31	*	3
67–2900	Bearing Set 0.50 mm US	31	*	3
67–2910	Gear	31	7	1
67–2930	Pulley – Crankshaft	31	19	1
67–2940	Nut – Jam	31	22	1
67–2950	Washer	31	20	1
67–2960	Washer – Lock	31	21	1
67–2970	Flywheel Assembly	31	13	1
67–2980	Gear – Ring	31	15	1
67–2990	Bolt	31	14	4
67–3000	Washer	34	10	2
67–3010	Cam Shaft	34	7	1
67–3020	Gear	34	12	1
67–3030	Bearing	34	9	2
67–3040	Plate	34	14	1
67–3050	Bearing	34	22	1
67–3060	Shaft	34	21	1
67–3070	Gear	34	17	1
67–3080	Snap Ring	34	23	1
67–3090	Gear Assembly	34	13	1
67–3100	Retainer	31	32	6
67–3110	Spring	31	31	6
67–3120	Tappet	31	6	6
67–3130	Valve – Intake	31	28	3
67–3140	Valve – Exhaust	31	29	3
67–3150	Rod–Push	31	5	6
67–3160	Arm–Rocker	31	1	6
67–3170	Spring	32	40	2
67–3180	Cap	31	34	6
67–3190	Rocker Shaft Assembly	31	38	1
67–3200	Stay – Rocker	31	35	3
67–3210	Screw – Adjusting	31	4	6
67–3220	Pin	31	37	1
67–3230	Nut – Jam	31	2	6
67–3240	Snap Ring	31	3	2
67–3250	Bolt–Rocker Stay	32	43	2
67–3260	Washer	41	3	1
67–3260	Washer	39	8	2
67–3260	Washer	32	41	3
67–3280	Shim 0.2 mm	37	38	1
67–3290	Shim 0.3 mm	37	*	1
67–3300	Shim 0.5 mm	37	*	1
67–3310	Shim 0.4 mm	37	*	1
67–3320	Shim 0.6 mm	37	*	1
67–3330	Shim 0.7 mm	37	*	1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
67–3340	Shim 0.8 mm	37	*	1
67–3350	Shim 0.9 mm	37	*	1
67–3360	Shim 1.0 mm	37	*	1
67–3370	Bolt W/Washer	37	39	4
67–3380	Nozzle & Holder Assembly	37	6	1
67–3380	Nozzle and Holder Assembly	38	*	3
67–3390	Gasket – Nozzle Holder	37	7	3
67–3400	Pipe Assy. No. 1	37	42	1
67–3410	Pipe Assy. No. 2	37	43	1
67–3420	Pipe Assy. No. 3	37	1	1
67–3430	Nut	37	2	3
67–3440	Gasket	37	4	3
67–3460	Housing–Pump	38	9	1
67–3480	Seal – O–Ring	38	4	3
67–3490	Spring	38	5	3
67–3500	Valve	38	7	3
67–3520	Sleeve	38	10	3
67–3530	Seat – Spring Upper	38	11	3
67–3540	Spring	38	12	3
67–3550	Seat – Spring Lower	38	13	3
67–3560	Plate – Shim 1.85 mm	38	14	1
67–3570	Plate – Shim 1.9 mm	38	*	1
67–3580	Plate – Shim 1.95 mm	38	*	1
67–3590	Plate – Shim 2.0 mm	38	*	1
67–3600	Plate – Shim 2.05 mm	38	*	1
67–3610	Plate – Shim 2.1 mm	38	*	1
67–3620	Plate – Shim 2.15 mm	38	*	1
67–3630	Plate – Shim 2.2 mm	38	*	1
67–3640	Plate – Shim 2.25 mm	38	*	1
67–3650	Plate – Shim 2.3 mm	38	*	1
67–3660	Plate – Shim 2.35 mm	38	*	1
67–3670	Plate – Shim 2.4 mm	38	*	1
67–3680	Plate – Shim 2.45 mm	38	*	1
67–3690	Plate – Shim 2.5 mm	38	*	1
67–3700	Tappet	38	15	3
67–3710	Screw – Air Bleed	38	24	1
67–3720	Washer	38	23	1
67–3730	Screw	38	22	1
67–3740	Holder–Delivery Valve	38	3	3
67–3740	Nipple – Swivel	38	21	1
67–3750	Washer	38	20	2
67–3760	Plate – Lock	38	2	3
67–3770	Screw W/Washer	38	1	3
67–3780	Rack	38	19	1
67–3790	Screw	38	17	2
67–3800	Bracket – Wire Stop	38	18	1
67–3810	Pin – Tappet Guide	38	16	3
67–3830	Washer 1.25 mm	38	31	1
67–3840	Washer 1.3 mm	38	*	1
67–3850	Washer 1.35 mm	38	*	1
67–3860	Washer 1.4 mm	38	*	1
67–3870	Washer 1.45 mm	38	*	1
67–3880	Washer 1.5 mm	38	*	1
67–3890	Washer 1.55 mm	38	*	1
67–3900	Washer 1.6 mm	38	*	1
67–3910	Washer 1.65 mm	38	*	1
67–3920	Washer 1.7 mm	38	*	1
67–3930	Spring	38	30	3
67–3940	Pin – Pressure	38	29	3
67–3950	Piece – Distance	38	28	3
67–3960	Nozzle	38	27	3
67–3970	Nut – Retaining	38	25	3
67–3980	Gasket	38	26	3
67–3990	Lever – Speed Control	39	1	1
67–4000	Pin	39	2	2
67–4010	Stopper	39	15	1
67–4030	Rod – Tie	39	23	1
67–4040	Weight Assembly	39	13	1
67–4050	Shaft – Governor	39	19	1
67–4060	Lever – Governor	39	18	1
67–4070	Shaft – Sliding	39	16	1
67–4080	Clip	39	24	1
67–4090	Lever – Tension	39	21	1
67–4110	Cover Assembly	39	*	1
67–4120	Pin – Grooved	39	35	1
67–4130	Cover – Governor	39	4	1
67–4140	Lever – Stop	39	11	1
67–4150	Lever – Stop	39	40	1
67–4160	Gasket	39	5	1
67–4170	Spring Set	39	*	1
67–4180	Nut	39	31	1
67–4190	Spring – Torque	39	28	1
67–4200	Nut – Special	39	30	1
67–4210	Case – Torque Spring	39	26	1
67–4220	Screw – Adjusting	39	29	1
67–4230	Stopper	39	27	1
67–4270	Bolt	39	3	4
67–4280	Bolt W/Washer	39	17	1
67–4290	Nut	39	34	4
67–4310	Gasket	31	23	1
67–4330	Oil Filter Assembly	37	40	1
67–4340	Screen Assembly	37	31	1
67–4350	Switch – Oil Pressure	36	8	1
67–4360	Pulley – Water Pump	36	1	1
67–4380	Water Pump Assembly	36	6	1
67–4390	Gasket – Water Pump	36	7	1
67–4400	Bolt	35	1	2
67–4400	Bolt	36	4	1
67–4410	V–Belt	36	2	1
67–4420	Fitting – Water	35	46	1
67–4430	Gasket – Fitting	35	45	1
67–4440	Thermostat	35	38	1
67–4450	Fitting – Thermostat	35	32	1
67–4460	Gasket – Switch	35	31	1
67–4470	Bolt	35	33	1
67–4480	Pipe – By–Pass	35	37	1
67–4490	Gasket	35	30	1
67–4500	Switch – Thermo	35	29	1
67–4510	Gauge Nut – Temperature	35	35	1
67–4520	Pipe	35	2	1
67–4530	Cover – Intake	35	5	1
67–4540	Seal – O–Ring	35	3	1
67–4550	Gasket–Intake Manifold	35	44	1
67–4560	Manifold – Exhaust	35	24	1
67–4570	Gasket – Exhaust Manifold	35	26	1
67–4580	Bolt	35	22	2
67–4590	Bolt	35	23	4
67–4610	Bolt W/Washer	40	2	2
67–4620	Spacer	41	21	1
67–4630	Alternator Assembly	41	1	1
67–4640	Bolt	41	22	1
67–4660	Bolt – Flange	41	26	1
67–4670	Nut	41	2	1
67–4680	Plug – Glow	35	39	3
67–4690	Plate – Glow Plug	35	40	1
67–4700	Lamp – Glow	35	27	1
67–4720	Lever	40	4	1
67–4730	Spring Set	40	5	1
67–4750	Switch	40	7	1
67–4760	Shaft Assembly	40	15	1
67–4770	Pinion Set	40	14	1
67–4780	Gear Set	40	12	1
67–4790	Shaft	40	11	1
67–4800	Yoke	40	20	1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
67–4810	Pulley Set	41	16	1
67–4820	Bolt Set	41	20	1
67–4830	Front Bracket Assembly	41	15	1
67–4840	Screw Set	41	18	1
67–4850	Bearing – Front	41	19	1
67–4860	Rotor Assembly	41	7	
67–4870	Bearing – Rear	41	6	1
67–4880	Stator	41	10	1
67–4890	Rear Cover Assembly	41	9	1
67–4900	Terminal Set	41	11	1
67–4910	Regulator Assembly	41	12	1
67–4920	Brush	41	13	2
67–4930	Rectifier	41	8	1
67–5040	Spring	39	20	1
67–7050	Field Rotor Assembly	30	1	1
67–7060	Ring – Retaining	30	8	1
67–7070	Armature & Pulley Assembly	30	5	1
67–7080	Collar – Bearing	30	6	1
67–7090	Bearing – Pulley	30	7	1
67–7100	Plate – Brake	30	11	1
67–7120	Fusible Link	4	5	1
67–7160	Fuse Block	22	1	1
67–7180	Wire – Seat	4	9	1
67–7250	Spacer Cyl.	25	39	1
67–7300	Screw Hex Hd.	25	36	1
67–9410	Washer – Flat	26	52	1
68–5140	Cap – Steering Wheel	5	7	1
68–5370	Decal – Toro	5	40	1
68–7370	Wire – Glow	4	11	1
68–7380	Assembly – Connector	4	12	1
69–4780	Clamp – Gauge	3	18	1
70–7530	Spring – Compression	10	3	1
70–8560	Retainer – Glow Plug	28	30	1
70–8621	Cap – Fuel	13	11	1
70–8700	Pipe – Fuel Return	37	3	1
70–8720	Spring – Tie Rod	39	22	1
70–8760	Starter Assembly	40	1	1
70–8770	Bracket – Front	40	3	1
70–8780	Bracket – Center	40	6	1
70–8870	Guide – Oil Level	37	8	1
70–8880	Dipstick	37	5	1
71–1520	Cap – Reservoir	28	44	1
71–2910	Angle – Engine Mount	28	17	1
71–3384	Hose	12	9	1
71–3500	Lever – Throttle	9	55	1
71–4540	Washer – Thrust	25	2	1
72–4320	Switch	23	57	1
72–6140	Cover – Rear	41	27	1
72–9420	Assembly – Vent	15	40	1
74–0720	Tube – Manual	24	1	1
75–0560	Wheel – Steering	5	6	1
75–0900	Engine	28	18	1
75–4900	Bearing Set STD	34	3	1
75–4910	Oil Pan Assembly	33	14	1
75–4920	Case	33	1	1
75–4930	Cylinder Head Assembly	35	28	1
75–4940	Brace – Alternator	41	23	1
75–4950	Gasket – Cylinder Head	35	25	1
75–4960	Block Assembly	34	1	1
75–4970	Element	38	8	3
75–4980	Lever – Governor Spring	39	7	1
75–4990	Spring – Governor	39	25	1
75–5000	Body	38	32	3
75–5010	Bearing Set STD	31	8	3
75–5020	Injector Pump Assembly	37	41	
75–5040	Gasket Kit	33	*	1
75–5050	Ring Set STD	31	11	3
75–5060	Ring Set 0.25 mm OS	31	*	3
75–5070	Ring Set 0.50 mm OS	31	*	3
75–5080	Piston & Pin Set STD	31	10	3
75–5090	Piston & Pin Set	31	*	3
75–5100	Piston & Pin Set	31	*	3
75–5110	Cover Assy.	31	24	1
75–5120	Gasket	32	45	1
75–6880	Spark Arrester Screen	29	*	1
76–1000	Cable – Throttle	9	59	1
76–2070	Cylinder – Steering	25	40	1
76–2080	Assembly – Piston Rod	27	4	1
76–2090	Kit – Seal	27	2	1
76–2790	Gland	27	3	1
76–2970	Bushing	26	55	2
76–2980	Washer – Thrust	26	54	1
76–3000	Axle–Rear	25	37	1
76–3080	Lift Arm – R.H.	13	*	1
76–3090	Lift Arm – L.H.	13	30	1
76–4510	Spindle – Wheel L.H.	25	17	1
76–4520	Spindle – Wheel R.H.	25	35	1
76–4790	Pad – Rubber	1	11	1
76–4810	Pivot – Steering	25	28	1
76–4830	Rod – Tie	10	18	1
76–8750	Plate – Warning	12	12	1
77–0550	Tube – Fill	15	44	1
82–2310	Radiator Assembly	12	26	1
82–8110	Retainer – Oil Guide	37	44	1
82–8530	Fitting	17	26	1
82–8950	Foam	2	51	2
83–9150	Decal – Starting Fluid	22	23	1
84–1870	Bracket WA.	28	23	1
84–1880	Fan – Cooling	28	1	1
84–1890	Pulley – Fan	28	2	1
84–1910	Muffler	29	3	1
84–1930	Hub – Fan	28	3	1
84–1940	Hub	28	7	1
84–1950	Decal – GM 223–D	1	5	2
84–1960	Decal – Service	1	18	1
84–7580	Plate – Bushing Support	9	64	1
84–7660	Clamp – Column	5	44	1
84–7670	Foam – Column Support	5	43	2
84–8600	Brake Shoe Set	16	16	1
85–4980	Switch – PTO	3	3	1
85–7540	Wire Harness	4	3	1
85–7560	Plate – Control Panel	3	16	1
86–7220	Gear – Spur	17	36	1
86–7230	Gear – Spur	14	17	1
86–7470	Diode	4	6	1
86–7930	Upper Housing Assembly	14	22	1
86–9640	Assembly – Axle	13	22	1
92–0845	Crankshaft	31	16	1
92–0846	Cover Assembly	35	6	1
92–0847	Cap – Oil Filler	35	11	1
92–1773	Screw – Cap Hex. Hd.	14	14	4
92–1774	Oil Seal	16	2	2
92–4848	Assembly – Gear & Pinion	15	*	1
92–4909	Differential Carrier Assembly	15	*	1
92–5076	Adapter – Filter	17	45	1
92–5077	Bracket – Footrest	7	27	1
92–5082	Hose	20	1	2
92–5082	Hose	17	35	2
92–5083	Hose	20	2	1
92–5083	Hose – Hydraulic	15	41	1
92–5083	Hose – Hydraulic	17	49	1
92–5085	Union Filter	17	32	1
92–5086	Fitting – Hydraulic 45°	17	47	1
92–5087	Seal – Adapter, Filter	17	33	1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
92–5088	Fitting – 45°	15	30	1
92–5092	Pedal – Traction	7	2	1
92–5512	Fitting – Hydraulic, Straight	18	52	2
92–5513	Transmission	17	6	1
92–5514	Footrest	7	30	1
92–5534	Shaft – Traction Pedal	7	26	1
92–5537	Pin – Pedal Pivot	7	8	1
92–5538	Pad – Traction Pedal Front	7	1	1
92–5539	Pad – Traction Pedal Rear	7	3	1
92–5540	Tread – Foot R.H.	1	31	1
92–5545	Cover – Tower Front	2	36	1
92–5548	Shield – Pedal Stop	2	53	1
92–5709	Housing	19	6	1
92–5716	Center Section	19	39	1
92–5717	Plug – Pipe	19	40	1
92–5750	Pad – Footrest	7	31	1
92–5753	R–Clamp	9	60	1
92–5757	Radiator Support Assembly	12	5	1
92–5759	Plate – Seat	22	9	1
92–5772	Decal Traction Pedal	2	38	1
92–6501	Assembly – Tool Box	1	19	1
92–6503	Assembly – Shroud, Fan	12	19	1
92–7308	Valve – Power Steering	5	3	1
92–7310	Bolt – Special	6	36	4
92–7314	Assembly – Column	6	*	1
92–7315	Seal	6	28	1
92–7316	Nut – Push On	6	38	4
92–7317	Foam	6	39	1
92–7892	Bracket – Seat Switch	22	51	1
92–7894	Frame – Seat	23	55	1
92–8751	Bracket – PTO Bearing	8	26	1
92–8775	Kit – Gasket, Liquid	16	*	1
92–8797	Decal – Caution	1	17	1
92–8799	Bearing	29	33	1
92–8799	Bearing – PTO Shaft	8	23	1
92–8854	Bracket – Pivot	7	7	1
92–8855	Shaft – PTO	8	20	1
92–8873	Tank – Fuel	13	39	1
92–8876	Belt – Fan	28	29	1
92–9786	Carrier Bracket	13	33	2
92–9788	Pivot Pin Assembly	13	25	2
217–116	Rim – 23 x 10.5 x 12	13	*	2
217–117	Rim	13	19	2
217–118	Rim	25	19	2
218–446	Nut – Hex.	3	9	1
218–447	Washer – Lock	3	8	1
218–461	Nut – Jam	23	64	2
218–473	Boot – Switch	3	11	1
218–497	Nut – Face	3	12	1
218–573	Fuse 5.0A	4	8	2
218–574	Fuse 7.5A	4	7	1
218–576	Nut – Hex.	3	4	1
219–17	Bulb – Light	4	10	4
231–95	Tire – 23 x 10.5 x 12	13	*	2
231–101	Tire	13	18	2
231–105	Tire	25	18	2
232–27	Valve Stem w/Cap	13	21	2
232–35	Stem – Valve	25	26	2
233–17	Knob	5	8	1
233–39	Knob	10	5	1
233–39	Knob	9	54	1
237–7	O–Ring	23	62	1
237–21	Seal – O–Ring	25	47	2
237–22	O–Ring	17	25	1
237–22	O–Ring	10	28	2
237–22	O–Ring	5	38	2
237–22	Seal – O–Ring	10	11	7
237–30	O–Ring	5	36	2
237–30	O–Ring	23	58	1
237–42	O–Ring	17	7	4
237–65	Seal – O–Ring	10	9	5
237–78	O–Ring	18	51	3
237–78	Seal – O–Ring	25	45	2
237–79	O–Ring	17	46	2
237–136	Grommet	13	12	3
241–119	Cap – Hub	25	25	2
242–34	Stud – Axle Flange	16	9	10
2411–36	End – Rod	7	18	1
2412–4	R–Clamp	17	40	1
2412–34	Clamp – Hose	12	17	4
2412–34	Clamp – Hose	15	42	2
2412–36	Clamp	5	34	2
2412–36	Clamp	13	37	1
2412–36	Clamp – Hose	10	13	3
2412–42	Clamp – Hose	22	22	1
2412–74	R–Clamp	23	52	1
2412–92	Clamp – Hose	23	73	1
2412–96	R–Clamp	13	9	1
2412–103	R–Clamp	12	22	2
2412–104	R–Clamp	9	73	1
2412–107	R–Clamp	23	71	1
2412–108	Clamp	13	2	4
2412–108	Clamp	9	52	2
2412–108	Clamp – Hose	12	7	8
2412–108	Clamp – Hose	22	41	4
2412–108	Hose Clamp	17	34	4
2412–119	Clamp – Hose	17	48	1
2412–119	Clamp – Hose	15	47	1
2412–133	R–Clamp	24	2	2
251–77	Collar – Locking	8	22	1
251–259	Bearing – Ball	21	23	1
253–129	Seal – Hub	25	27	2
254–65	Cone – Tapered, Bearing	15	33	2
254–66	Cup – Tapered, Bearing	15	32	2
254–72	Cup – Bearing	25	20	4
254–90	Cup – Bearing	14	24	1
254–91	Cone – Bearing	14	25	1
254–94	Cone – Bearing	25	21	4
256–42	Bushing	5	27	4
256–101	Bushing	13	28	4
256–121	Washer – Thrust	25	16	2
256–156	Bushing – Flange	7	10	2
256–299	Bushing	29	36	2
282–27	Clevis	10	22	1
283–16	Pin – Clevis	10	19	1
283–49	Pin – Clevis	22	8	2
283–58	Pin – Clevis	5	17	4
283–58	Pin – Clevis	10	23	1
283–58	Pin – Clevis	2	44	1
285–17	Plug – Pipe	19	28	4
289–6	Nipple – Pipe	15	45	1
2810–1	Coupler	15	46	1
302–5	Fitting – Grease	25	11	3
302–5	Fitting – Grease	5	30	2
302–5	Fitting – Grease	29	32	1
302–40	Fitting – Grease	29	51	1
302–40	Fitting – Grease	9	79	1
302–58	Fitting – Grease	8	30	1
302–62	Fitting – Grease	13	29	2
302–62	Fitting – Grease	25	50	1
304–46	Drain Cock	12	28	1
304–46	Fitting – Drain	13	36	1
304–99	Fitting – 90° Elbow	10	27	2
321–3	Screw – Cap Hex. Hd.	1	4	7

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
321–3	Screw – Cap Hex. Hd.	29	14	2
321–3	Screw – Cap Hex. Hd.	5	21	1
321–3	Screw – Cap Hex. Hd.	28	37	4
321–4	Screw – Cap Hex. Hd.	25	8	1
321–4	Screw – Cap Hex. Hd.	8	9	4
321–4	Screw – Cap Hex. Hd.	22	12	4
321–4	Screw – Cap Hex. Hd.	12	16	4
321–4	Screw – Cap Hex. Hd.	21	21	2
321–4	Screw – Cap Hex. Hd.	28	35	1
321–4	Screw – Cap Hex. Hd.	10	38	2
321–4	Screw – Cap Hex. Hd.	2	54	2
321–5	Screw – Cap Hex. Hd.	13	16	3
321–6	Screw – Cap Hex. Hd.	23	69	1
321–8	Screw – Cap Hex. Hd.	22	38	2
321–9	Screw – Cap Hex. Hd.	21	3	2
321–11	Screw – Cap Hex. Hd.	10	16	2
322–3	Screw – Cap Hex. Hd.	8	37	1
322–3	Screw – Cap Hex. Hd.	23	72	4
322–4	Screw	28	6	2
322–5	Screw	24	3	2
322–5	Screw – Cap Hex. Hd.	5	4	2
322–5	Screw – Cap Hex. Hd.	13	8	1
322–5	Screw – Cap Hex. Hd.	22	32	5
322–5	Screw – Cap Hex. Hd.	8	39	15
322–5	Screw ° Cap Hex. Hd.	29	7	1
322–6	Screw – Cap Hex. Hd.	29	50	1
322–9	Screw – Cap Hex. Hd.	8	34	4
322–11	Screw – Cap Hex. Hd.	28	21	1
322–13	Screw – Cap Hex. Hd.	22	5	6
322–17	Screw – Cap Hex. Hd.	21	18	1
323–6	Screw – Cap Hex. Hd.	28	25	1
323–8	Screw – Cap Hex. Hd.	28	26	1
323–8	Screw – Cap Hex. Hd.	19	29	2
323–9	Screw – Cap Hex. Hd.	8	3	2
323–10	Screw – Cap Hex. Hd.	8	27	2
323–10	Screw – Cap Hex. Hd.	19	43	4
323–11	Screw – Cap Hex. Hd.	8	41	3
323–18	Screw – Cap Hex. Hd.	8	14	1
323–29	Screw – Cap Hex. Hd.	7	17	1
323–34	Screw – Cap Hex. Hd.	29	43	1
323–39	Screw – Cap Hex. Hd.	21	14	2
323–39	Screw – Cap Hex. Hd.	17	28	3
324–5	Screw – Cap Hex. Hd.	13	24	4
324–23	Screw – Cap Hex. Hd.	19	35	2
325–5	Screw – Cap Hex. Hd.	25	6	2
328–25	Screw – Cap Hex. Hd.	25	41	1
3210–5	Screw – Cap Hex. Hd.	17	12	4
3210–7	Screw – Cap Hex. Hd.	21	4	1
3210–7	Screw – Cap Hex. Hd.	14	23	8
3210–8	Screw – Cap Hex. Hd.	17	24	2
3212–5	Screw	29	25	1
3216–3	Screw – Cap Hex. Hd.	10	32	2
3217–5	Nut – Hex.	28	47	1
3217–16	Nut – Hex.	21	11	2
3217–29	Nut – Hex.	12	37	2
3218–3	Nut – Jam	17	42	2
3219–2	Nut	14	2	8
3219–2	Nut – Hex.	21	6	1
3219–6	Nut – Hex.	13	31	4
3220–2	Nut – Jam	29	21	1
3220–2	Nut – Jam, R.H.	10	21	1
3220–3	Nut – Jam	7	16	1
3220–3	Nut – Jam	25	43	8
3220–5	Nut – Jam R.H.	25	33	2
3220–6	Nut	6	27	1
3220–6	Nut –Hex.	5	5	1
3220–7	Nut– Jam	18	50	1
3220–12	Nut – Jam L.H.	25	31	2
3230–2	Bolt – Carriage	28	13	1
3230–2	Bolt – Carriage	7	25	2
3230–2	Carriage – Bolt	21	12	2
3230–4	Bolt – Carriage	29	35	2
3230–4	Bolt – Carriage	9	67	2
3230–23	Bolt – Carriage	28	9	2
3230–23	Bolt – Carriage	1	28	4
3234–5	Screw – Flange Hd.	12	8	8
3234–13	Screw – Flange Hd.	25	12	2
3234–13	Screw – Flange Hd.	1	24	8
3234–13	Screw – Flange Hd.	9	74	1
3234–14	Screw – Flange Hd.	1	21	8
3234–17	Screw – Flange Hd.	12	4	2
3234–17	Screw – Flange Hd.	22	15	2
3234–25	Screw – Flange	25	1	4
3241–6	Screw – Set	17	13	2
3246–1	Screw – Set	8	21	1
3249–3	Screw – Rd. Hd.	12	36	2
3249–11	Screw – Round Hd.	21	8	2
3250–39	Screw – Pan Head	29	18	2
3253–3	Washer – Lock	10	8	2
3253–3	Washer – Lock	8	10	4
3253–3	Washer – Lock	22	13	2
3253–3	Washer – Lock	13	15	5
3253–3	Washer – Lock	28	36	5
3253–4	Washer – Lock	29	49	1
3253–4	Washer – Lock	9	76	4
3253–8	Washer – Lock	13	13	4
3253–15	Washer – Lock	13	5	5
3253–21	Washer – Lock	21	13	2
3253–21	Washer – Lock	8	15	3
3253–21	Washer – Lock	17	31	4
3254–2	Washer – Lock, Int. Tooth	28	48	1
3254–9	Washer – Lock I.T.L.W.	21	10	2
3255–8	Washer – Lock	14	3	8
3255–8	Washer – Lock	1	12	4
3255–8	Washer – Lock	8	46	1
3255–8	Washer – Lock, Ext. Tooth	22	39	1
3256–1	Washer – Flat	3	21	4
3256–22	Washer – Flat	10	7	2
3256–22	Washer – Flat	12	15	4
3256–22	Washer – Flat	22	18	9
3256–22	Washer – Flat	5	35	3
3256–22	Washer – Flat	25	51	1
3256–23	Nut – Lock	24	4	2
3256–23	Washer – Flat	10	1	1
3256–23	Washer – Flat	5	1	4
3256–23	Washer – Flat	22	3	6
3256–23	Washer – Flat	21	19	2
3256–23	Washer – Flat	29	19	4
3256–23	Washer – Flat	28	20	1
3256–23	Washer – Flat	5	42	2
3256–24	Washer – Flat	8	4	4
3256–24	Washer – Flat	22	7	1
3256–24	Washer – Flat	7	12	1
3256–24	Washer – Flat	29	22	2
3256–24	Washer – Flat	28	27	1
3256–24	Washer – Flat	17	44	1
3256–24	Washer – Flat	26	56	2
3256–25	Washer – Flat	13	23	4
3256–26	Washer – Flat	10	2	2
3256–26	Washer – Flat	17	2	1
3256–26	Washer – Flat	5	14	1
3256–27	Washer – Flat	22	45	1
3256–28	Washer – Flat	25	22	2
3256–67	Washer – Flat	13	14	3

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
3256–69	Washer – Flat	5	45	A/R
3256–69	Washer – Flat	23	77	1
3256–71	Washer – Flat	17	21	2
3257–5	Key – Woodruff	19	11	2
3257–5	Key – Woodruff	8	19	1
3257–5	Key – Woodruff	17	11	1
3258–19	Screw – Cap Hex. Hd.	22	30	2
3269–10	Washer – Flat	12	29	3
3269–13	Rivet	12	31	3
3272–4	Pin – Cotter	23	75	2
3272–5	Pin – Cotter	5	13	3
3272–5	Pin – Cotter	10	20	1
3272–6	Pin – Cotter	7	14	1
3272–10	Pin – Cotter	17	4	1
3272–10	Pin – Cotter	7	9	2
3272–10	Pin – Cotter	5	18	5
3272–10	Pin – Cotter	2	46	1
3272–11	Pin – Cotter	22	6	2
3272–13	Pin – Cotter	25	24	2
3272–15	Pin – Cotter	8	7	1
3272–17	Pin – Cotter	13	32	2
3272–23	Pin – Cotter	10	29	4
3272–31	Pin – Cotter	10	39	1
3273–38	Screw – Soc. Hex. Hd.	13	34	4
3274–32	Screw – Hex. Hd. Socket	1	13	4
3274–65	Screw – Socket Button Hd.	3	2	4
3290–255	Pin – Hair, Cotter	22	11	1
3290–271	Rivet	12	13	2
3290–271	Rivet	2	48	4
3290–359	Screw – Machine	1	9	4
3290–378	Tie – Cable	23	61	1
3290–378	Tie – Cable	9	75	1
3296–2	Nut – Lock	3	19	1
3296–6	Nut – Lock	30	9	3
3296–9	Nut – Lock	29	15	2
3296–12	Nut – Hex.	2	49	4
3296–12	Nut – Lock	22	49	4
3296–15	Nut – Lock	10	24	2
3296–20	Nut – Lock	5	2	4
3296–25	Nut – Lock	25	4	2
3296–29	Nut – Lock	29	9	2
3296–29	Nut – Lock	5	10	2
3296–29	Nut – Lock	28	12	3
3296–29	Nut – Lock	21	20	3
3296–29	Nut – Lock	8	25	12
3296–29	Nut – Lock	10	40	1
3296–39	Nut – Lock	7	21	1
3296–39	Nut – Lock	28	22	2
3296–39	Nut – Lock	8	24	7
3296–39	Nut – Lock	17	39	2
3296–42	Nut – Lock	21	1	4
3296–42	Nut – Lock	22	4	3
3296–42	Nut – Lock	25	5	1
3296–42	Nut – Lock	12	11	4
3296–42	Nut – Lock	29	11	2
3296–42	Nut – Lock	5	25	1
3296–42	Nut – Lock	10	34	2
3296–48	Nut – Lock	13	17	4
3296–51	Nut – Lock	25	29	1
3296–59	Nut – Lock	29	23	1
32105–1	Screw	3	17	1
32105–8	Screw	28	45	2
32105–13	Screw – Cap Hex. Hd.	22	2	4
32107–11	Nut – Square	22	28	2
32120–10	Ring – Retaining	28	4	1
32120–72	Ring – Retaining	17	37	1
32121–6	Pin – Roll	7	4	1
32121–6	Pin – Roll	22	46	1
32121–15	Pin – Roll	15	34	1
32121–32	Pin – Roll	29	39	1
32121–34	Pin – Roll	8	33	1
32121–49	Pin – Spring	13	26	2
32121–50	Pin – Roll	5	24	1
32121–50	Pin – Roll	7	32	1
32121–71	Pin – Spring	13	27	2
32121–91	Pin	19	14	3
32122–24	Screw – Machine	13	4	5
32128–20	Nut – Flange	28	8	3
32128–20	Nut – Flange	1	25	4
32128–20	Nut – Flange	22	26	9
32128–20	Nut – Flange	9	72	5
32128–20	Nut – Lock	12	3	6
32128–20	Nut – Lock	13	10	1
32128–33	Nut – Flange	1	6	13
32128–33	Nut – Flange Hd.	9	78	1
32128–33	Nut – Hex. Flange	23	76	2
32128–44	Nut – Flange, Lock	7	28	2
32128–45	Nut – Flange Lock	25	49	1
32128–56	Nut – Flange	7	24	2
32136–5	Nut – Castle	25	23	2
32144–1	Screw – Hex. Hd.	3	20	2
32144–21	Screw – Pan Hd. Phillips	5	41	1
32148–6	Nut – Clinch	23	78	6
32148–7	Nut – Clinch	2	59	22
32148–8	Nut – Clinch	9	80	4
32148–9	Nut – Clinch	2	58	3
32148–9	Nut – Clinch	23	79	2
32148–10	Nut – Clinch	2	60	10
32148–11	Nut – Clinch	10	41	2
32148–11	Nut – Clinch	9	77	2
32149–1	Nut – Keps	29	31	2
32149–1	Nut –Lock	9	65	2
32149–7	Nut – Keps	28	46	2
32151–36	Ring – Retaining	25	15	2
32151–46	Ring – Retaining	19	1	2
32151–77	Ring – Retaining	26	53	1
32151–83	Snap Ring	29	47	2
32152–5	Nut – Lock	17	14	6
32153–6	Nut – Hex Lock	25	38	1
340–2	Fitting – Straight	10	10	1
340–70	Nut – Fitting	10	35	1
340–71	Fitting – Bulkhead	10	36	1
340–77	Fitting – 90° Elbow	10	*	1
340–77	Fitting – 90° Elbow	10	17	2
340–86	Fitting – Tee	10	26	1
340–92	Fitting – Straight	25	46	1
340–103	Fitting – 45° Elbow	25	44	1
353–508	Assembly – Plug	11	14	1
353–781	Fitting 90°	8	11	1
353–783	Fitting – Straight	8	44	1
353–979	Hose Barb	17	8	1
353–988	Plug – Hydraulic	18	55	
353–990	Plug – Hydraulic	18	56	1
354–20	Block	12	32	1
354–21	Fitting	12	34	1
354–22	Fitting	12	33	2
354–71	Pipe Nipple	15	43	1

*Not Illustrated

PRODUCT CHANGES

In an effort to make improvements available to TORO owners as quickly as possible, minor changes are incorporated into Toro's products from time to time that do not become immediately shown in the Parts Catalog. If such a change has been made in your unit, which is not reflected in your manual, see your TORO Distributor or his Authorized TORO Service Dealer for information and part numbers.

IDENTIFICATION AND ORDERING

MODEL AND SERIAL NUMBERS

The Groundsmaster 223D has two identification numbers; a model number and a serial number. The two numbers are stamped on a plate which is located on the main frame under the seat. In any correspondence concerning the Groundsmaster 223D, supply model and serial numbers to assure that correct information and replacement parts are obtained.

To order replacement parts from an Authorized TORO Service Dealer, supply the following information:

1. Model and serial number of the Groundsmaster 223D.
2. Part number, description, and the quantity of part(s) desired.

NOTE: Do not order by reference number if a parts catalog is being used; use the PART NUMBER.

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MAINTENANCE RECORD

Date								