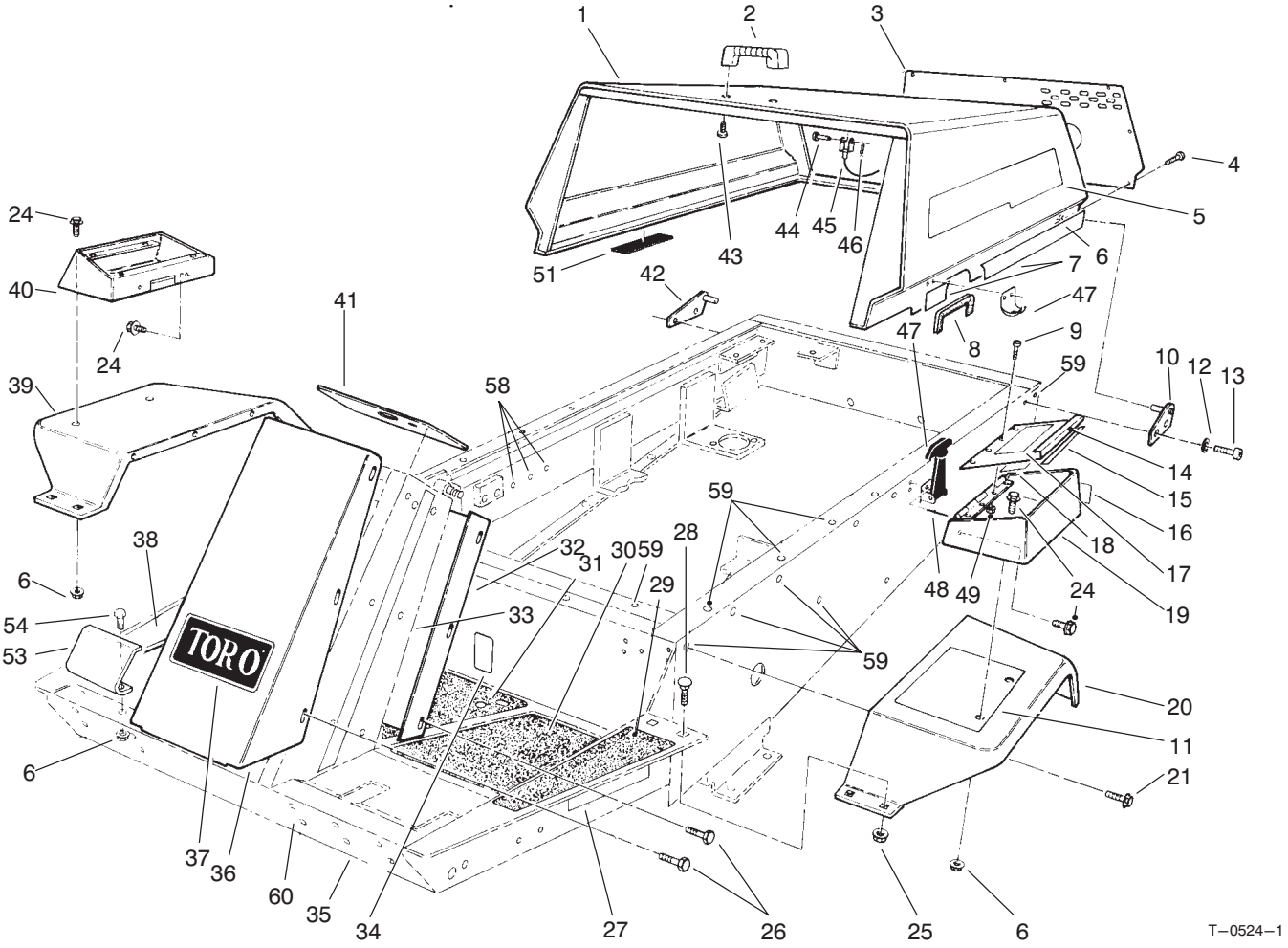
FORM NO. 3317–140 REV C

TORO®

MODEL NO. 30224–50001 & UP

PARTS CATALOG

GROUNDSMASTER® 224
TRACTION UNIT



BODY ASSEMBLY

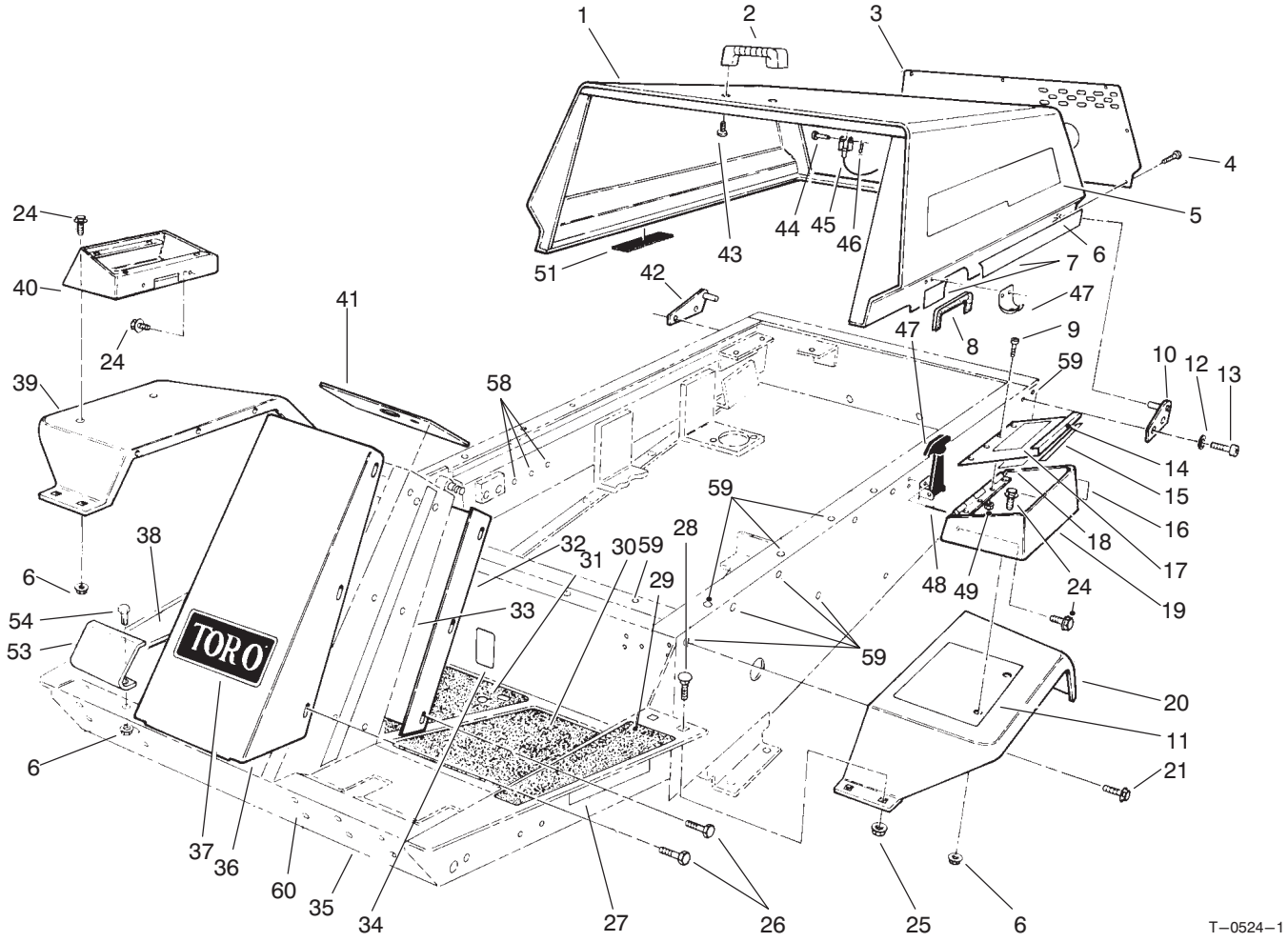
Ref. No.	Part No.	Description	No. Used
1	14–7149	Hood Assembly	1
2	65–5100	Handle – Hood	1
3	63–7030	Screen – Hood	1
4	321–3	Screw – Cap Hex. Hd.	7
5	93–3187	Decal – GM 224	2
6	32128–33	Nut – Flange Hd.	13
7	93–3193	Decal – Hood L.H.	1
*	93–3192	Decal – Hood R.H.	1
8	66–8110	Trim – Hood	1
9	3290–359	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

Ref. No.	Part No.	Description	No. Used
16	27–7310	Decal – Over Fill Caution	1
17	92–8798	Decal – Warning	1
18	71–3520	Decal – Service	1
19	92–6501	Tool Box Assembly (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

*Not Illustrated

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TPS

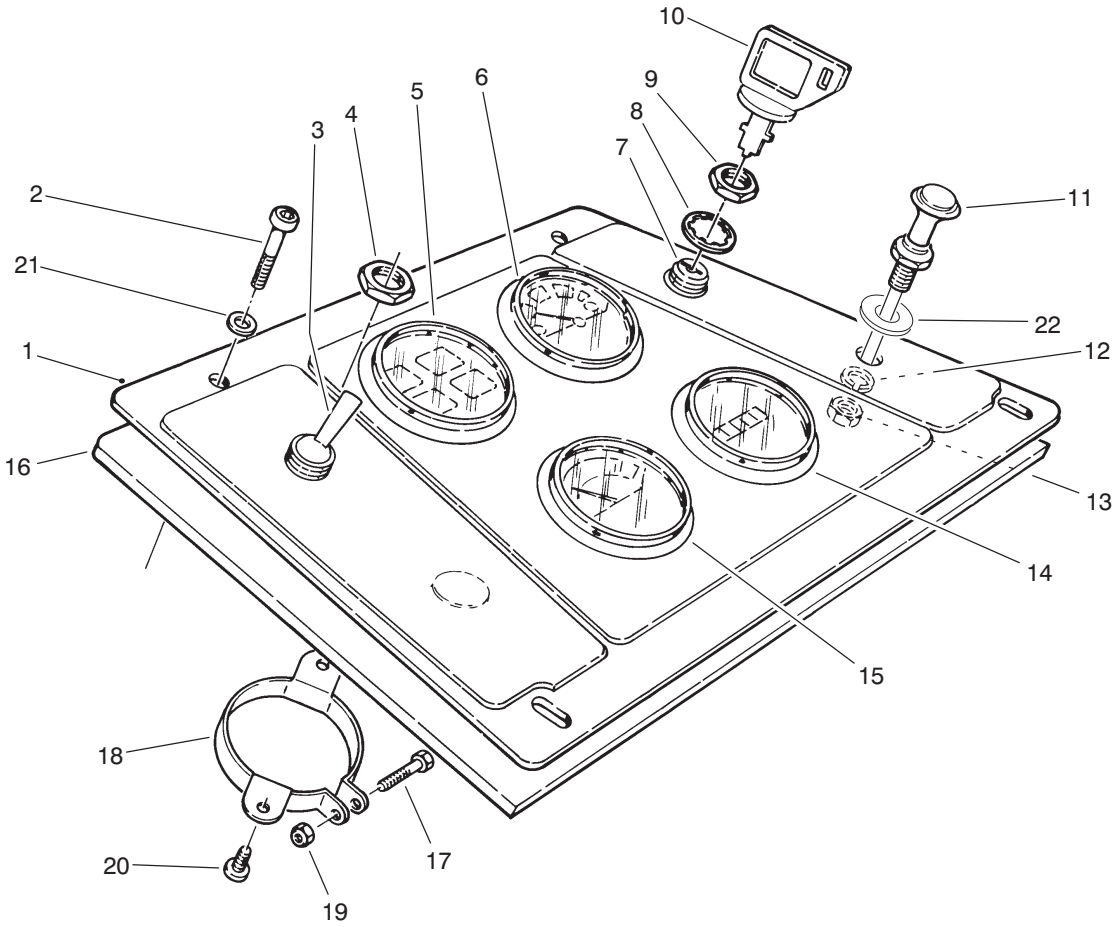


BODY ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
33	66–8760	Decal – Tower L.H.	1
*	66–8770	Decal – Tower R.H.	1
34	53–4430	Decal – Oil	1
35	92–6500	Frame Assembly (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

Ref. No.	Part No.	Description	No. Used
43	46–8091	Screw – Cap Hex. Hd.	2
44	283–58	Pin – Clevis	1
45	66–2870	Cable – Hood Stop	1
46	3272–10	Pin – Cotter	1
47	59–9740	Flex. Draw Latch Assembly	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

*Not Illustrated

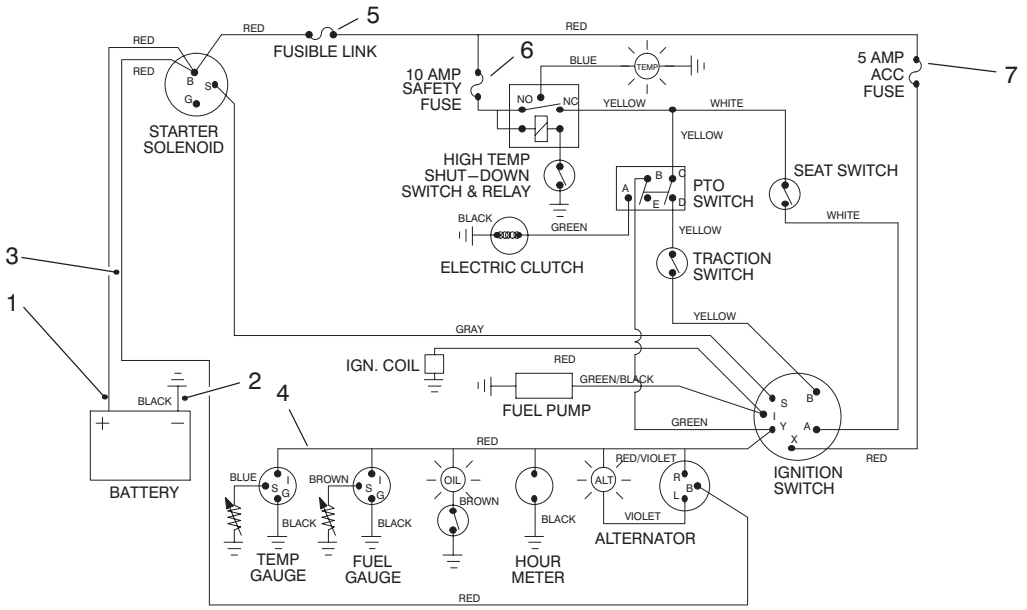


T–0841–1

CONTROL PANEL ASSEMBLY

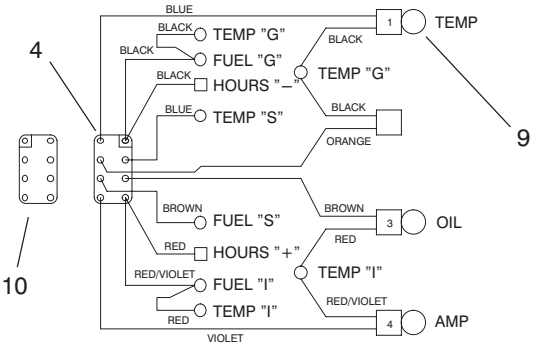
Ref. No.	Part No.	Description	No. Used
1	71–3490	Panel – Control	1
2	3274–64	Screw – Socket Hd.	4
3	85–4980	PTO Switch Assembly (Incl. Ref. #4)	1
4	218–576	Nut – Hex.	1
5	66–2960	Cluster – Warning Light	1
6	66–2940	Gage – Fuel	1
7	27–2360	Ignition Switch Assembly (Incl. Ref. #8–10)	1
8	218–447	Washer – Lock	1
9	218–446	Nut – Hex.	1
10	63–8360	Key – Ignition	1

Ref. No.	Part No.	Description	No. Used
11	71–2890	Control – Choke	1
12	3253–21	Washer – Lock	1
13	3220–3	Nut – Jam	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	3296–12	Nut – Lock	1
20	32144–1	Screw – Hex. Hd.	2
21	3256–1	Washer – Flat	4
22	3256–24	Washer – Flat	1



IGNITION SWITCH CIRCUITRY

POSITION	CIRCUIT	"MAKE"
1. OFF	NONE	
2. RUN	B+I+A	X+Y
3. START	B+I+S	

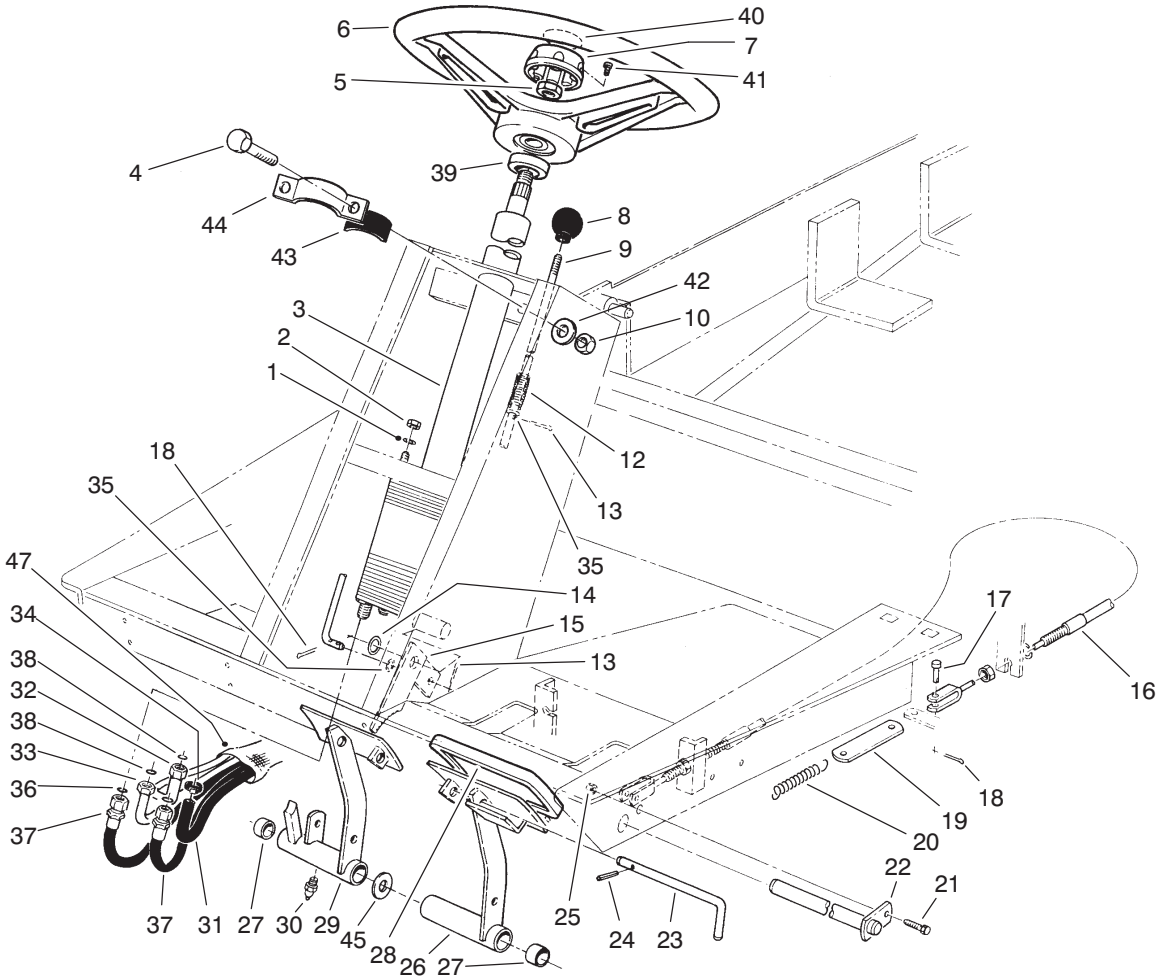


T−0843−2

ELECTRICAL SCHEMATIC

Ref. No.	Part No.	Description	No. Used
1	43−4031	Wire − Positive	1
2	63−7340	Wire − Ground	1
3	85−7550	Wire Harness Assembly (Incl. Ref. #5, 6 & 9)	1
4	66−8690	Lamp Harness Assembly (Incl. Ref. #10)	1

Ref. No.	Part No.	Description	No. Used
5	67−7120	Link − Fusible	1
6	218−578	Fuse 10.0 Amp	1
7	218−573	Fuse 5.0 Amp	1
9	219−17	Bulb − Light	3
10	68−7380	Connector Assembly	1



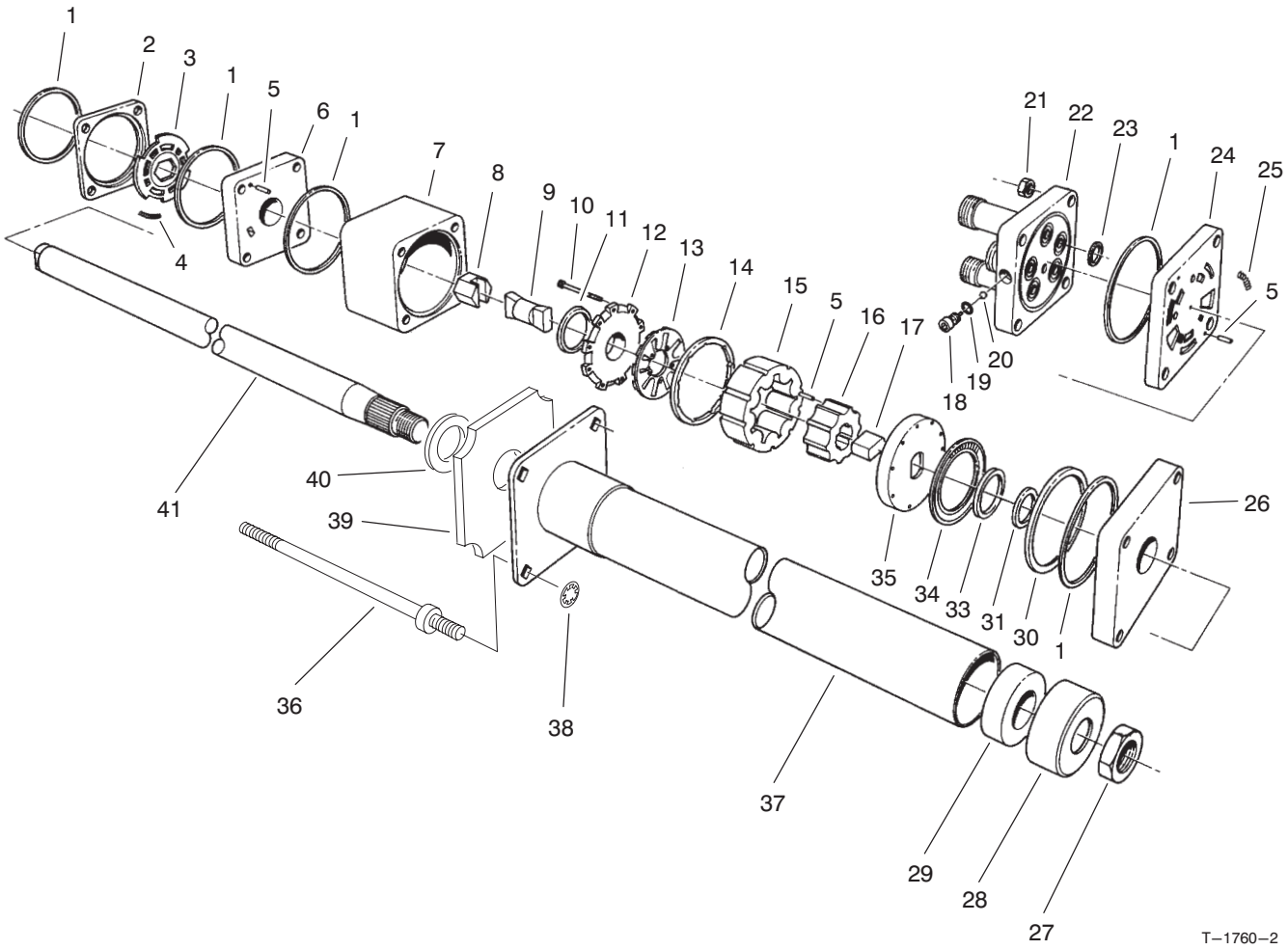
T–1247–1

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	Power Steering Valve Assy. (Incl. Ref. #7)	1
4	322–5	Screw – Cap Hex. Hd.	2
5	3220–6	Nut –Hex.	1
6	75–0560	Steering Wheel Assembly (Incl. Ref. #7 & 41)	1
7	68–5140	Steering Wheel Cap Assy. (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	Cable – Brake R.H.	1
*	63–7731	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	Brake Pedal Assy. L.H. (Incl. Ref. #27 & 30)	1
27	256–42	Bushing	4
28	7–3900	Foot Pad – Brake	2
29	63–6190	Brake Pedal Assy. R.H. (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

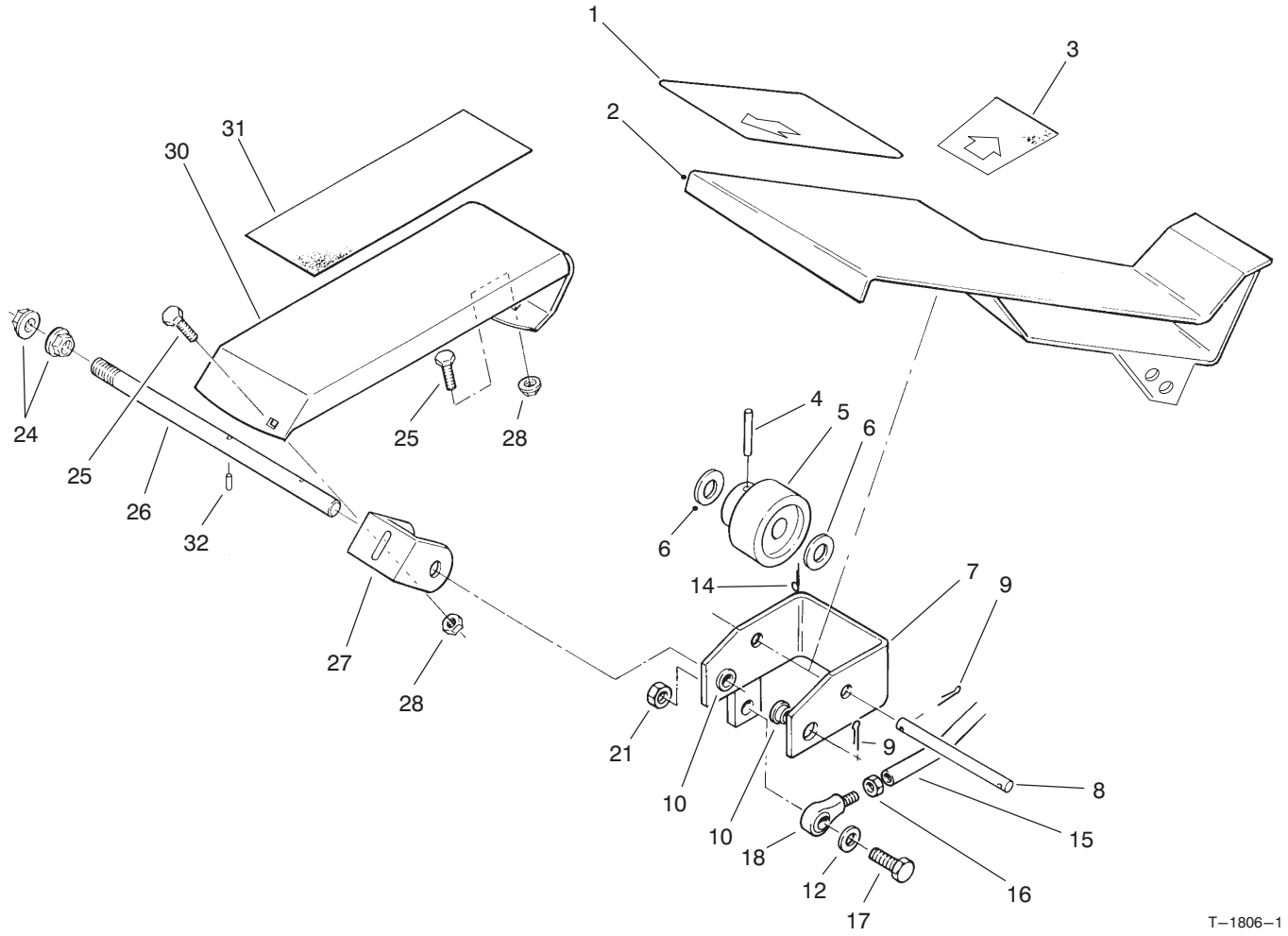


STEERING VALVE ASSEMBLY NO. 92–7308

Ref. No.	Part No.	Description	No. Used
1		Ring – Seal	5
2		Ring – Valve	11
3		Plate – Valve	1
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 – Thrust Bearing	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	1
39	92–7317	Foam	1
40		Washer – Retaining	1
41		Shaft – Input	1
*	66–9970	Spring Kit (Incl. Ref. #4 & 25)	1
*	66–9980	Seal Kit (Incl. Ref. #1, 11, 19, 23 & 33)	1
*	66–9990	Needle Roller Kit (Incl. Ref. #5)	1
*	92–7314	Column Assembly (Incl. Ref. #27–29 & 37–41)	1

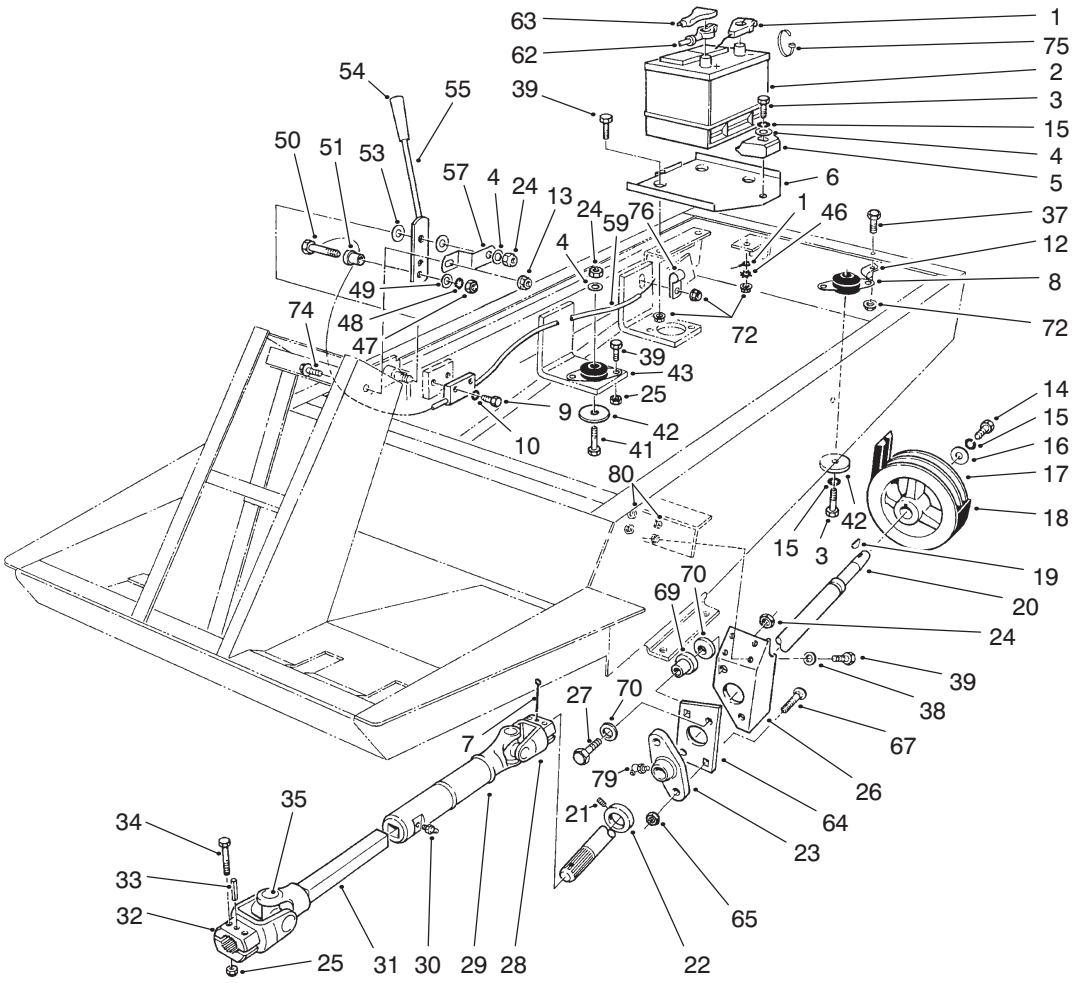
*Not Illustrated



TRACTION PEDAL ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	94–3307	Pad – Traction Pedal Front	1
2	94–3591	Pedal – Traction	1
3	94–3308	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



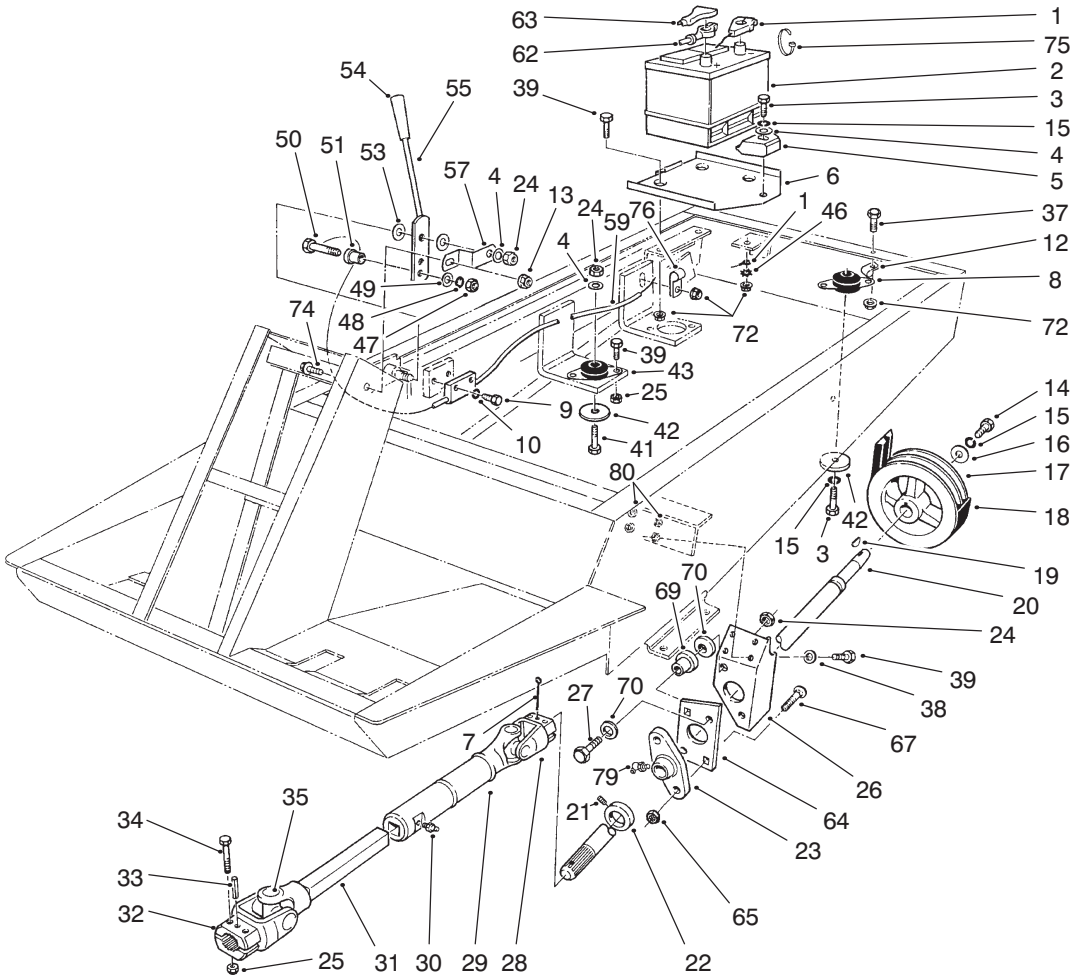
T–1072–2

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.	2
10	3253–3	Washer – Lock	2
12	2412–104	R–Clamp	1
13	32128–33	Nut – Flange	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	PTO Shaft Bearing Assy. (Incl. Ref. #21 & 22)	1

Ref. No.	Part No.	Description	No. Used
24	3296–39	Nut – Lock	7
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
38	3253–4	Washer – Lock	4
39	322–5	Screw – Cap Hex. Hd.	15
41	323–11	Screw – Cap Hex. Hd.	3
42	63–7400	Washer – Rebound	4
43	63–7140	Mount – Shock (Blue)	3
46	3255–8	Washer – Lock, Ext. Tooth	1
47		Nut – Hex.	1
48		Washer – Lock, Int. Tooth	1
49		Washer – Flat	1
50		Screw – Special	1
51		Sleeve – Connector	1

†Obtain Locally



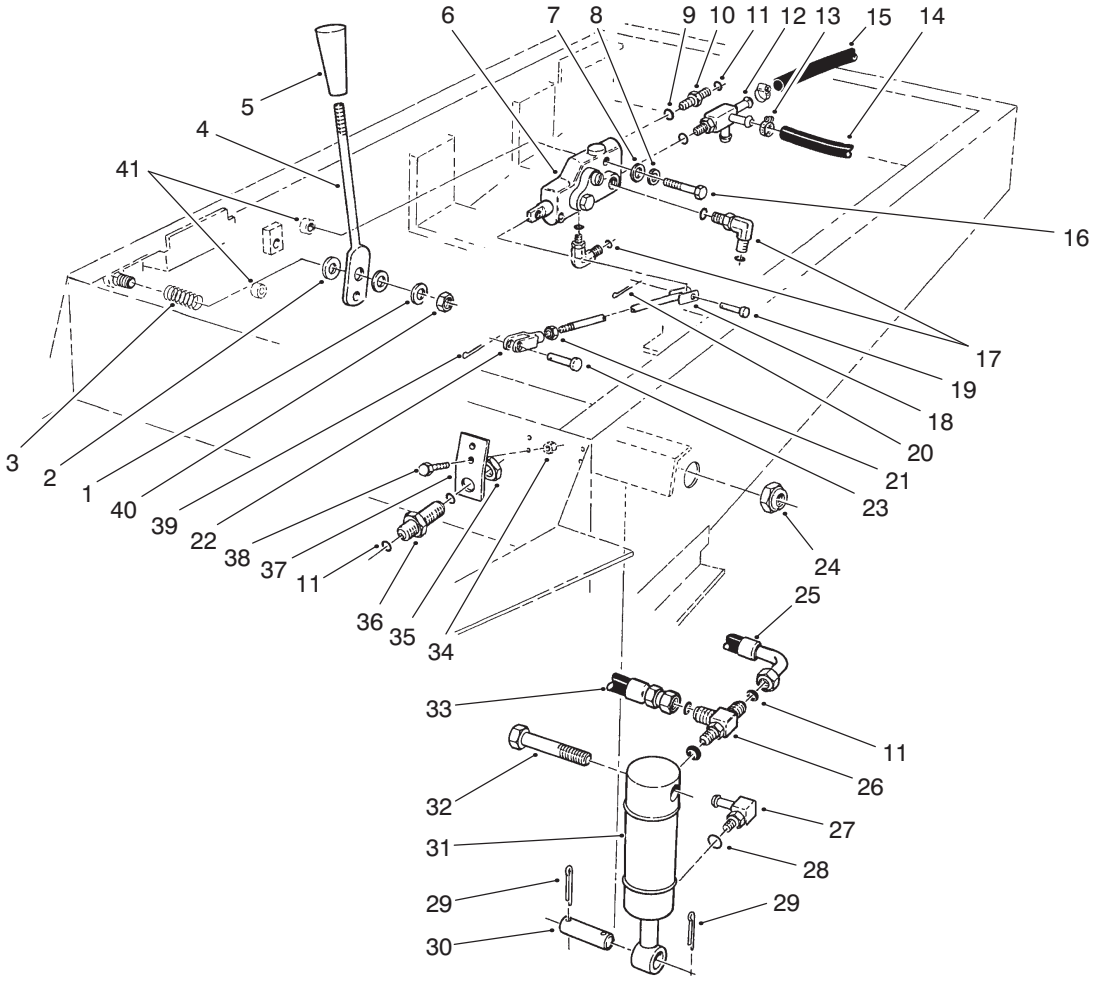
T–1072–2

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

Ref. No.	Part No.	Description	No. Used
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
62	43–4031	Cable – Battery Pos.	1
63	28–1280	Boot – Pos. 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
74	3234–13	Screw – Flange	2
75	3290–378	Tie – Cable	1
76	92–5753	Clamp – R	1
79	302–40	Fitting – Grease	1
80	32148–8	Nut – Clinch	4
*	63–6760	Throttle Cable Swivel Assy. (Incl. Ref. #47–51)	1
*	54–7950	Drive Shaft Assembly (Incl. Ref. #28–32 & 35)	1

*Not Illustrated



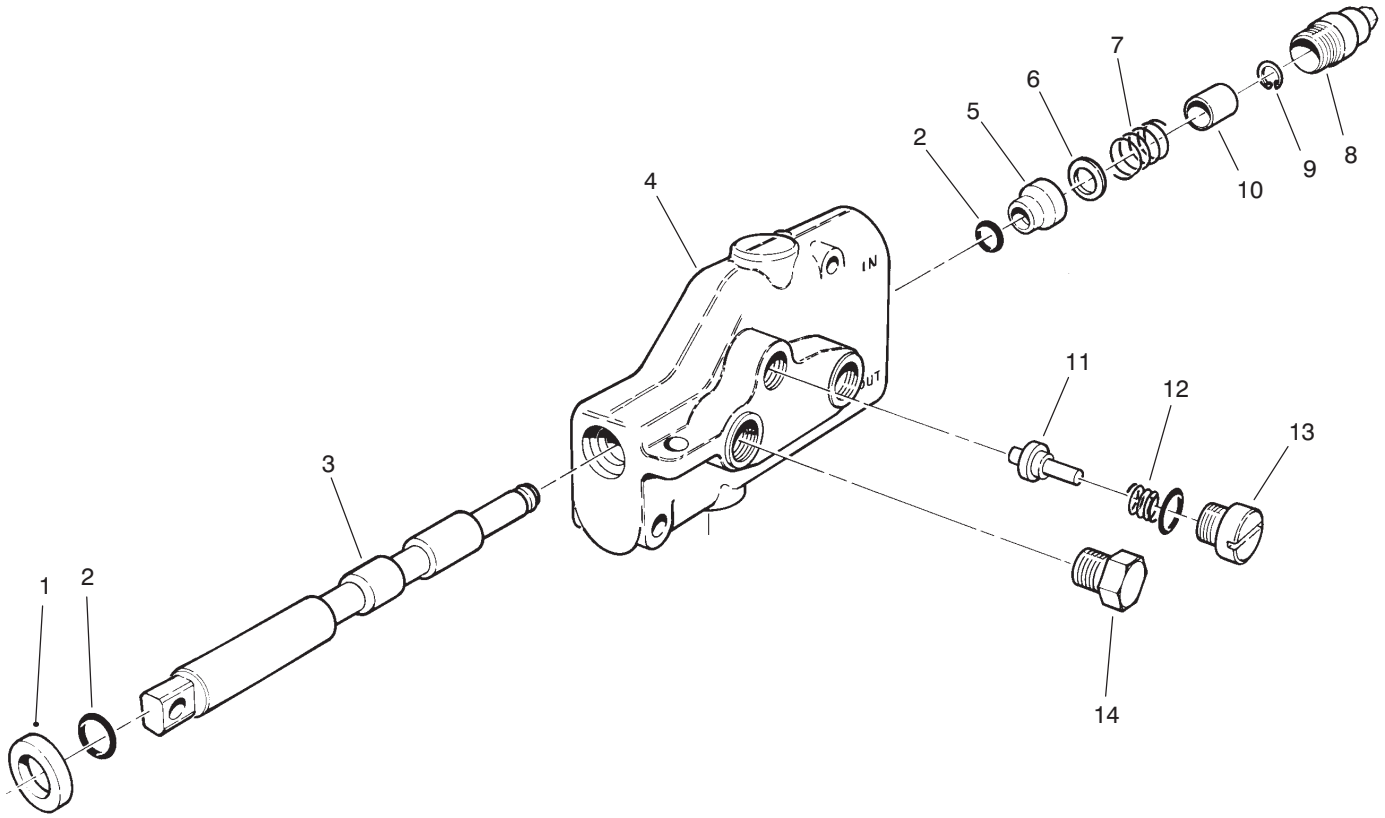
T–0531–3

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 – Hydraulic Straight (Incl. Ref. #9 & 11)	1
11	237–22	Seal – O–Ring	7
12	66–3130	Fitting – Hydraulic 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 – Hydraulic 90° (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	Hydraulic Hose Assembly	1
26	340–86	Fitting – Hydraulic Tee (Incl. Ref. #9 & 11)(Used On Cap End Left Cylinder)	1
*	340–77	Fitting – Hydraulic 90° (Incl. Ref. #9 & 11)(Used On Cap End Right Cylinder)	1
27	304–99	Fitting – Hydraulic 90° (Incl. Ref. #28)	2
28	237–22	Seal – 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	Hydraulic Hose Assembly	1
34	3296–42	Nut – Lock	2
35	340–70	Nut – Fitting	1
36	340–71	Fitting – Hydraulic Bulkhead (Incl. Ref. #11 & 35)	1
37	63–7410	Bracket – Bulkhead	1
38	321–4	Screw – Cap Hex. Hd.	2
39	3272–10	Pin – Cotter	1
40	3296–29	Nut – Lock	1
41	32148–11	Nut – Clinch	2

*Not Illustrated



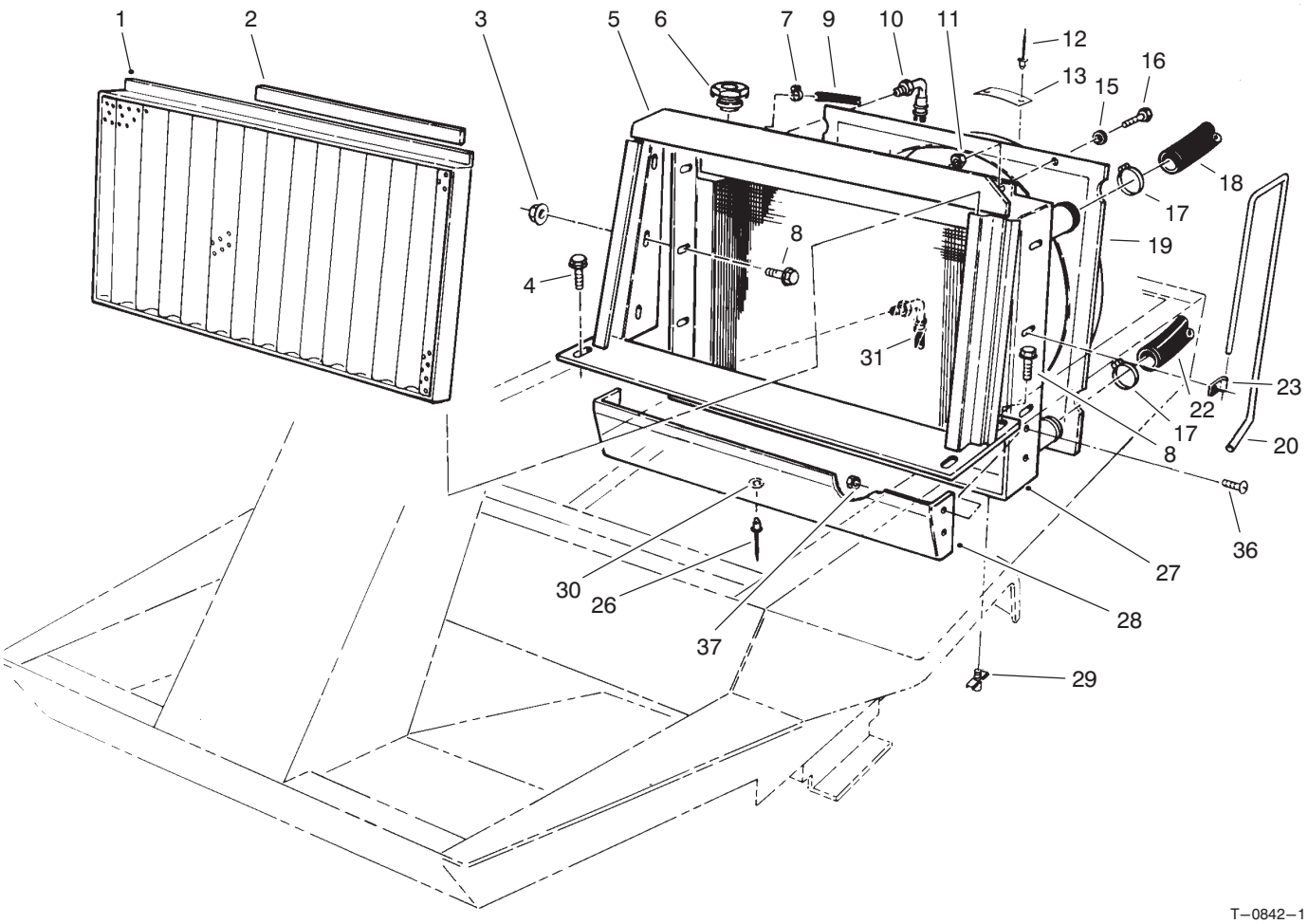
T–0532–1

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	Cap Assembly	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	Plug Assembly	1
14	353–508	Plug Assembly	1
*	63–7960	Lift Valve Assembly (Incl. Ref. #3 & 4)	1

*Not Illustrated

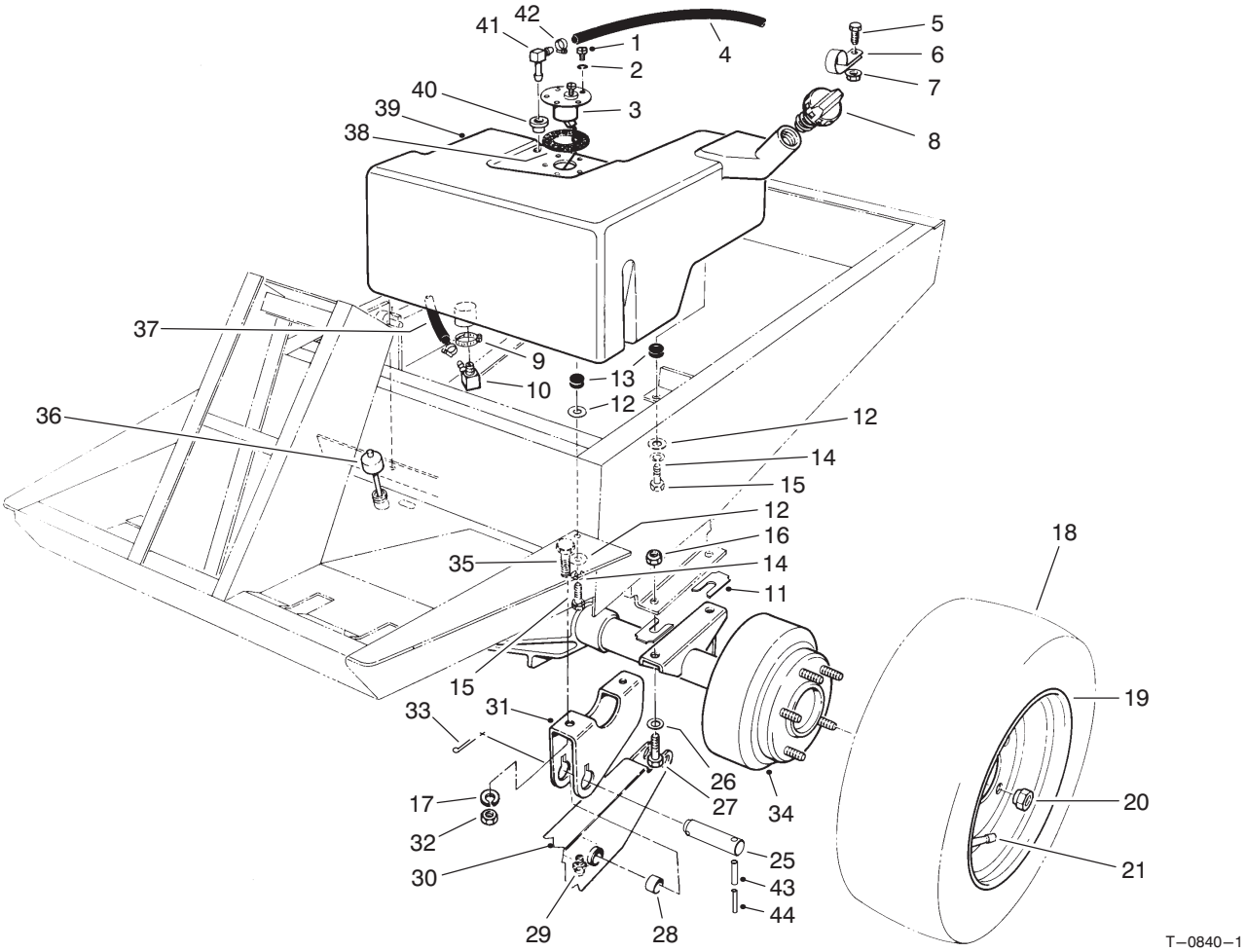


T–0842–1

RADIATOR ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	63–7700	Screen Frame Assembly	1
2	63–7710	Magnetic Strip	1
3	32128–20	Nut – Lock, Whiz	6
4	3234–17	Screw – Flange	2
5	92–5757	Radiator Support Assembly	1
6	66–3240	Cap – Radiator	1
7	2412–108	Clamp – Hose	2
8	3234–5	Screw – Flange	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

Ref. No.	Part No.	Description	No. Used
17	2412–34	Clamp – Hose	4
18	63–6010	Hose – Upper	1
19	63–6510	Shroud – Fan	1
20	71–1540	Tube – Vent	1
22	63–6020	Hose – Lower	1
23	2412–103	R–Clamp	2
26	3269–13	Rivet	3
27	63–6150	Radiator Assembly	1
28	63–6440	Shield – Radiator	1
29	304–46	Drain Cock	1
30	3269–10	Washer – Flat	3
31	66–8500	Hose Assembly	1
36	3249–3	Screw – Round Hd.	2
37	3217–29	Nut – Hex.	2



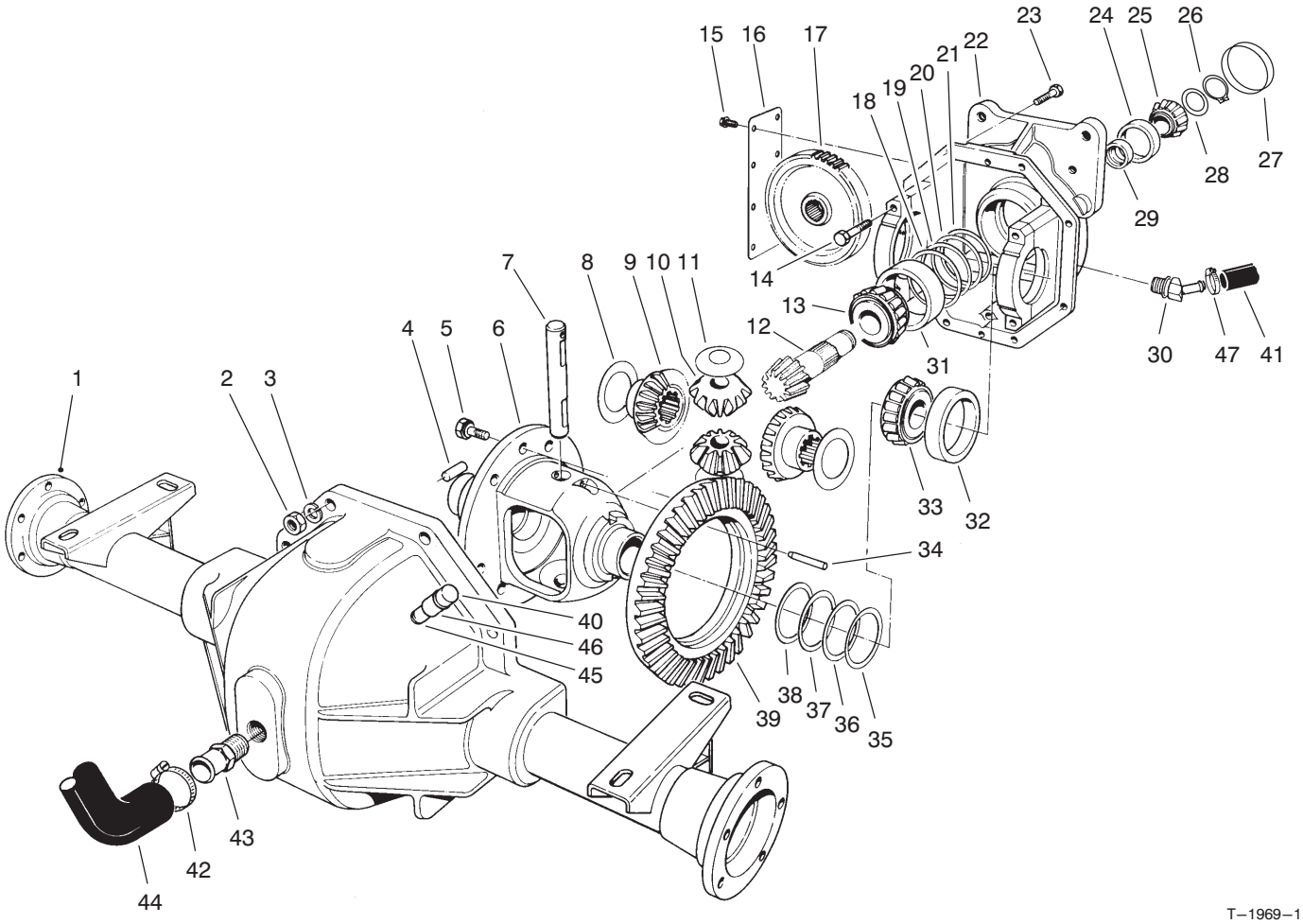
T–0840–1

FUEL TANK AND AXLE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	32122–24	Screw – Machine	5
2	3253–15	Washer – Lock	5
3	63–7640	Sender – Fuel	1
4	63–7630	Hose	1
5	322–5	Screw – Cap Hex. Hd.	1
6	2412–96	R–Clamp	1
7	32128–20	Nut – Lock	1
8	93–3101	Cap – Fuel	1
9	2412–36	Clamp	1
10	353–536	Fitting – 90˚	1
11	42–6080	Shim – Axle	A/R
12	3256–67	Washer – Flat	3
13	237–136	Grommet	3
14	3253–3	Washer – Lock	3
15	321–5	Screw – Cap Hex. Hd.	3
16	3296–48	Nut – Lock	4
17	3253–8	Washer – 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
25	92–9788	Pivot Pin Assembly (Incl. Ref. #43 & 44)	2
26	3256–25	Washer – Flat	4
27	324–5	Screw – Cap Hex. Hd.	4
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	92–9786	Carrier Bracket	2
32	3219–6	Nut – Hex.	4
33	3272–17	Pin – Cotter	2
34	86–9640	Axle Assembly	1
35	3273–38	Screw – Socket Hd.	4
36	66–3060	Dipstick – Differential	1
37	71–3380	Hose – Fuel	1
38	62–7650	Gasket	1
39	92–8874	Tank – Fuel	1
40	46–6560	Bushing	1
41	46–6550	Connector – 90˚	1
42	2412–108	Clamp	4
43	32121–49	Pin – Spring	2
44	32121–71	Pin – Spring	2
*	62–7020	Wheel & Tire Assembly (23” x10.5” x 12”) (Optional)	2

*Not Illustrated



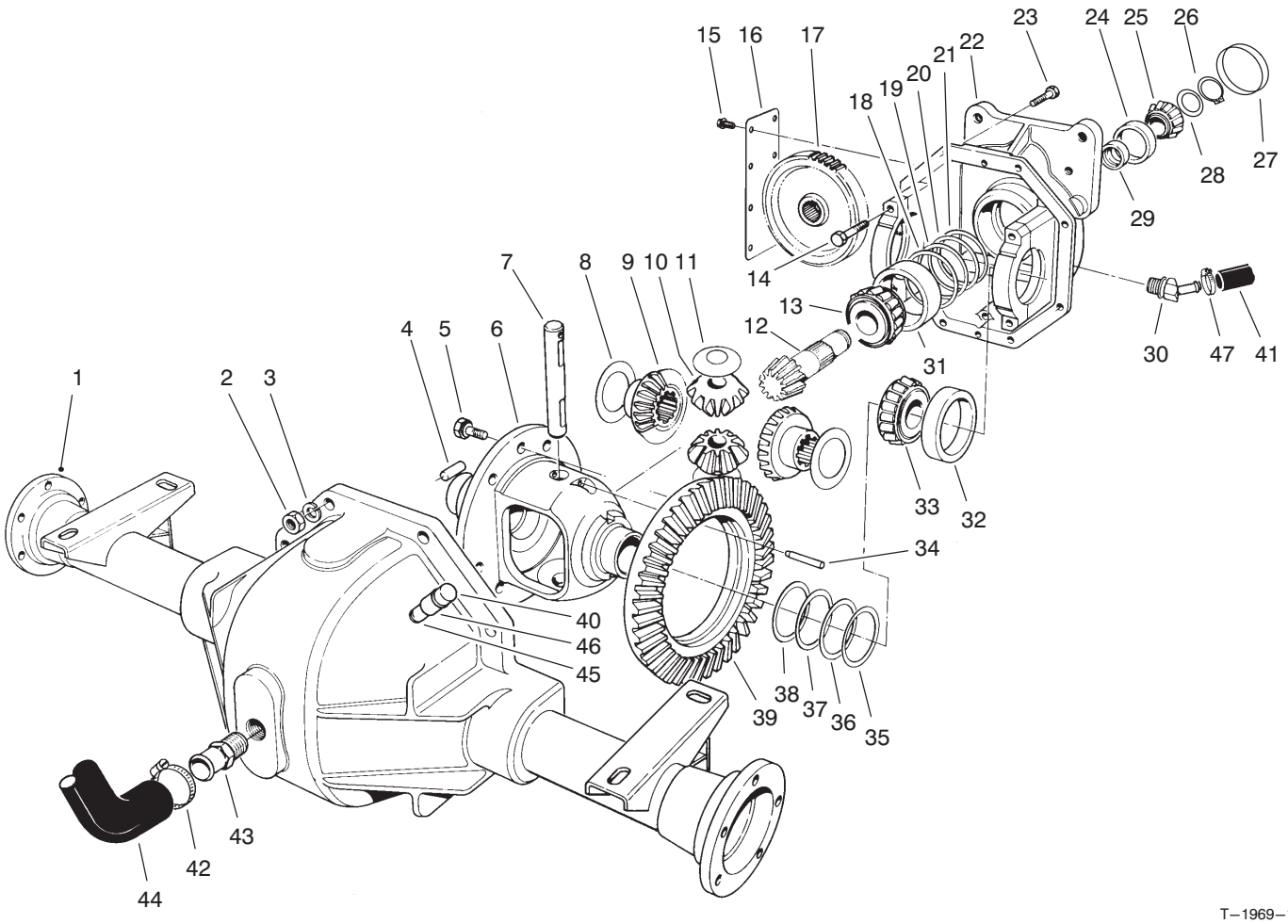
T–1969–1

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

Ref. No.	Part No.	Description	No. Used
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

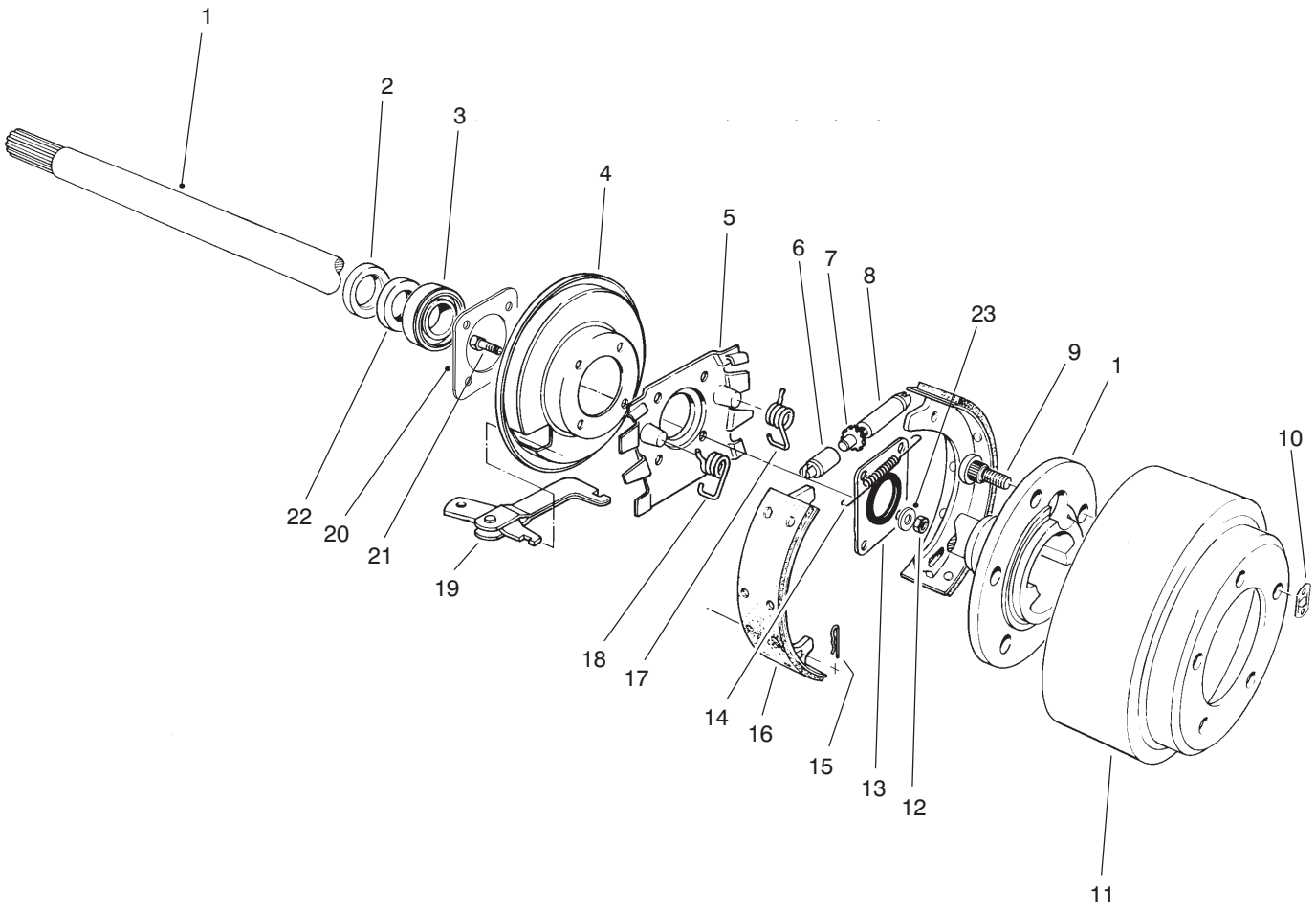
*Not Illustrated



T–1969–1

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

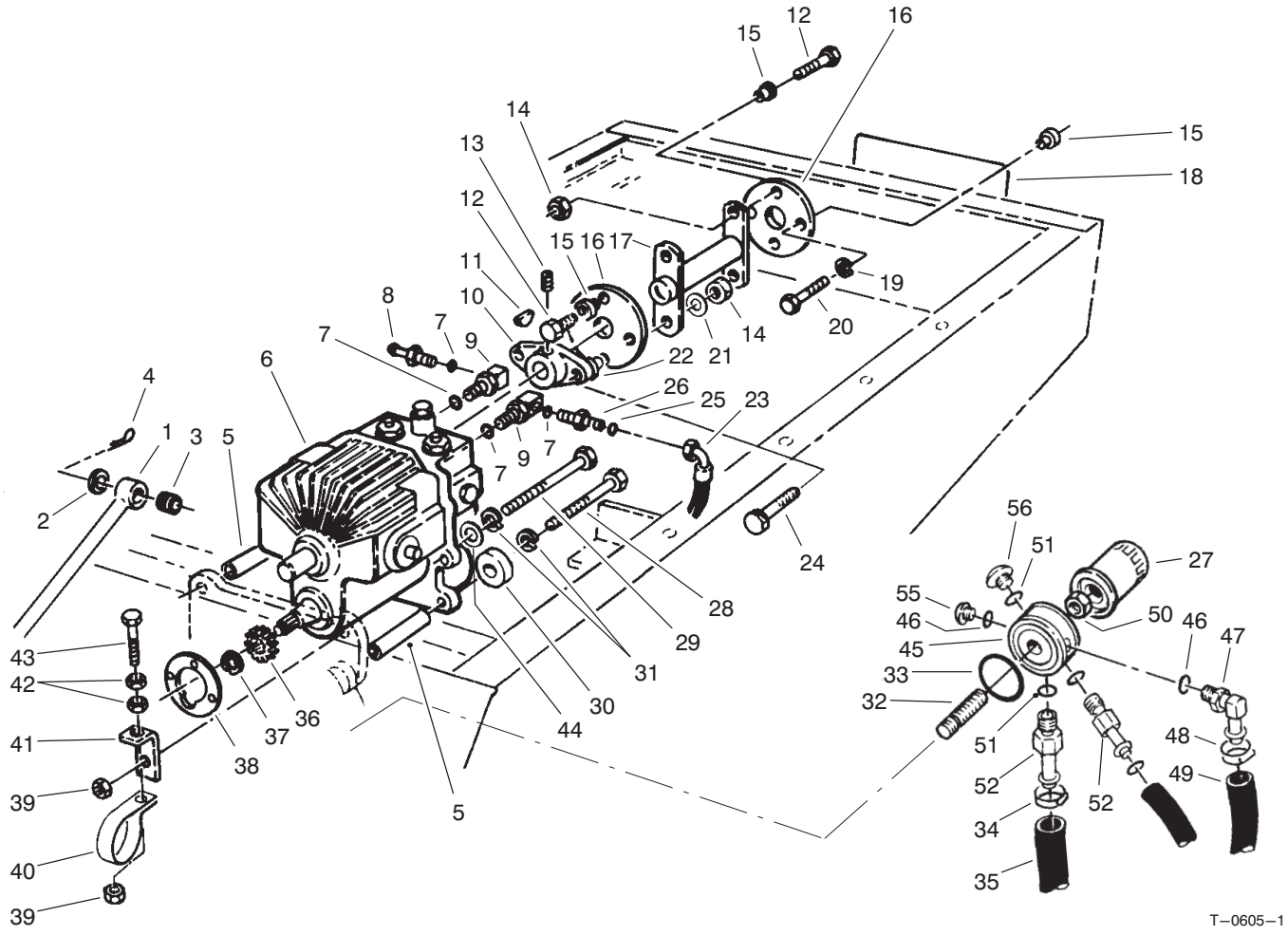


BRAKE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	27–6861	Shaft – Flanged Axle L.H.	1
*	27–6851	Shaft – Flanged Axle 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
12	94–6935	Nut – Lock, Flange Hd.	8

Ref. No.	Part No.	Description	No. Used
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	21–9420	Spring – Shoe Return L.H.	2
18	21 –9430	Spring – Shoe Return R.H.	2
19	24–9180	Strut/Lever – Parking Brake	2
20	93–7416	Insert – Shield, Dust	2
21	94–6934	Screw – Cap Hex. Hd.	8
22	24–8840	Ring – Wheel Bearing	2
23	94–6936	Washer – Flat	8
*	92–8775	Kit – Liquid Gasket	1

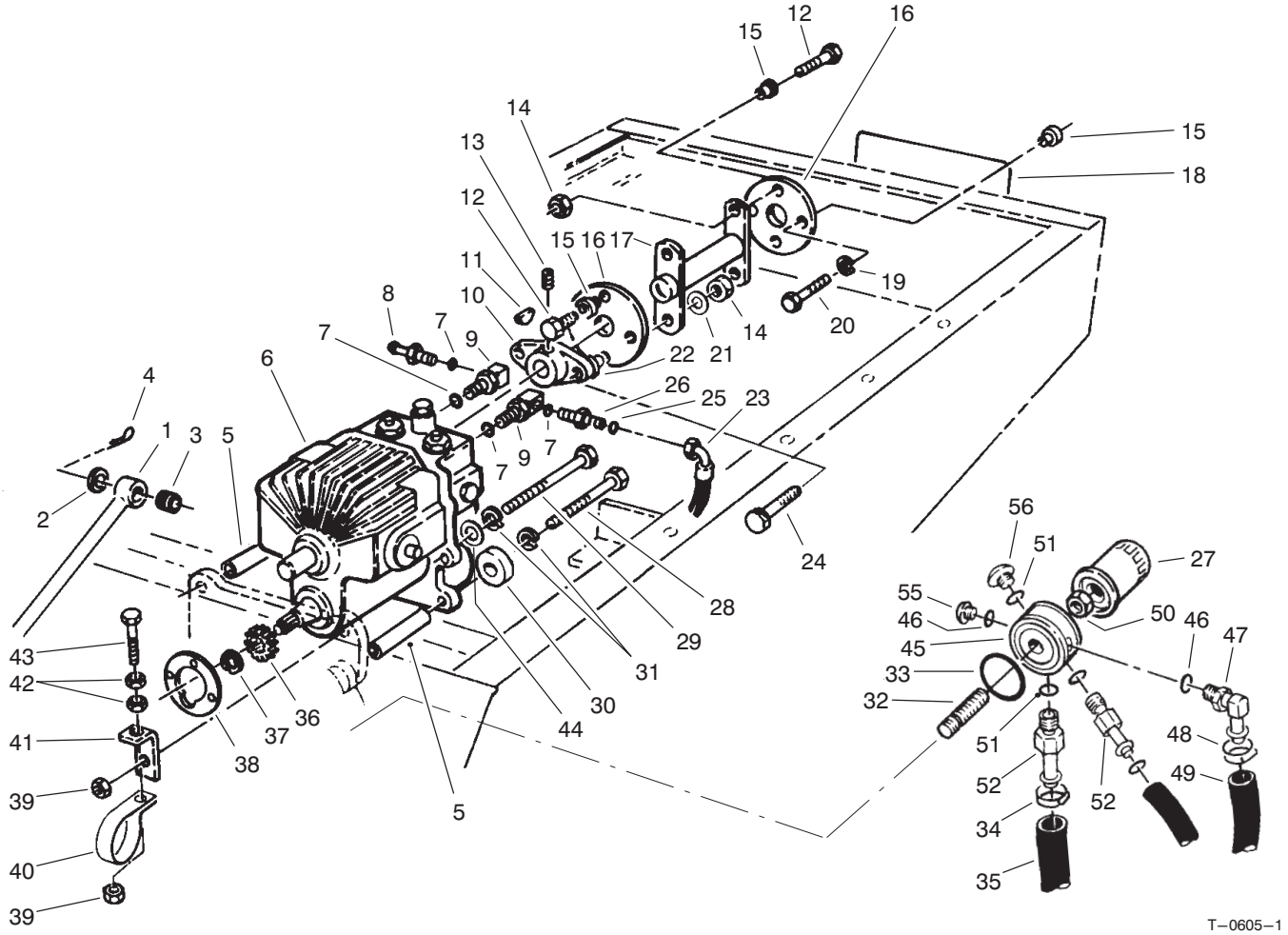
*Not Illustrated



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

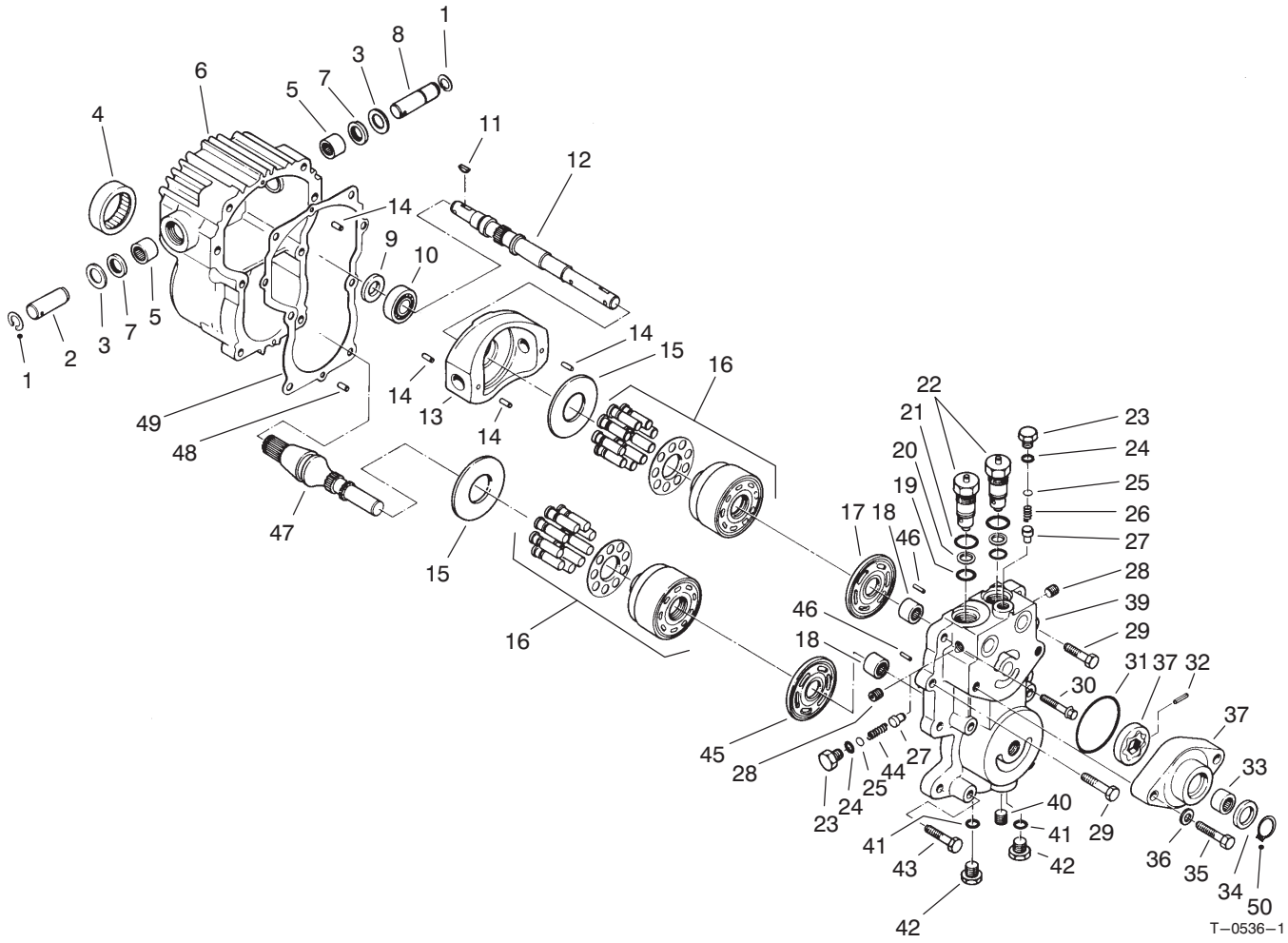
Ref. No.	Part No.	Description	No. Used
26	82–8530	Fitting	1
27	23–2300	Oil Filter	1
28	323–39	Screw – Cap Hex. Hd.	3
29	27–9620	Screw – Cap Hex. Hd.	1
30	5–0652	Spacer	1
31	3253–21	Washer – Lock	4
32	92–5085	Union Filter	1
33	92–5087	Seal – Adapter, Filter	1
34	2412–108	Hose Clamp	4
35	92–5082	Hose	2
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



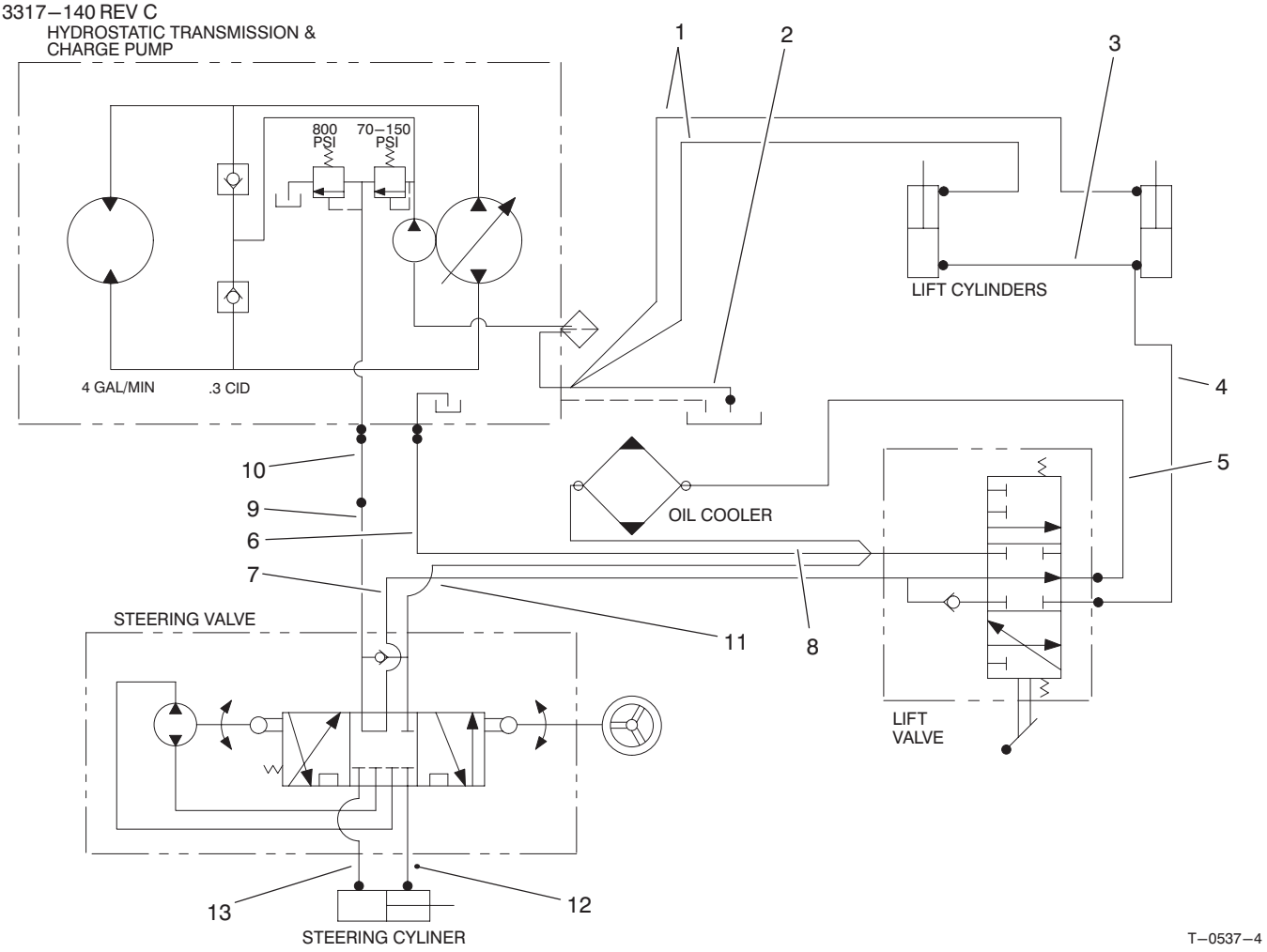
TRANSMISSION ASSEMBLY NO. 92–5513

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	93–4133	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	Check Valve Assembly (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
26	46–7310	Relief Valve Spring Imp.	1

Ref. No.	Part No.	Description	No. Used
27	28–3420	Relief Valve Cone Chg.	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
‡34	94–2975	Shaft – 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 & 50)	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 Chg.	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
‡50	94–2976	Ring – Retaining	1

†Used on transmission serial no. 94–39999 and before
‡Used on transmission serial no. 94–40000 and up

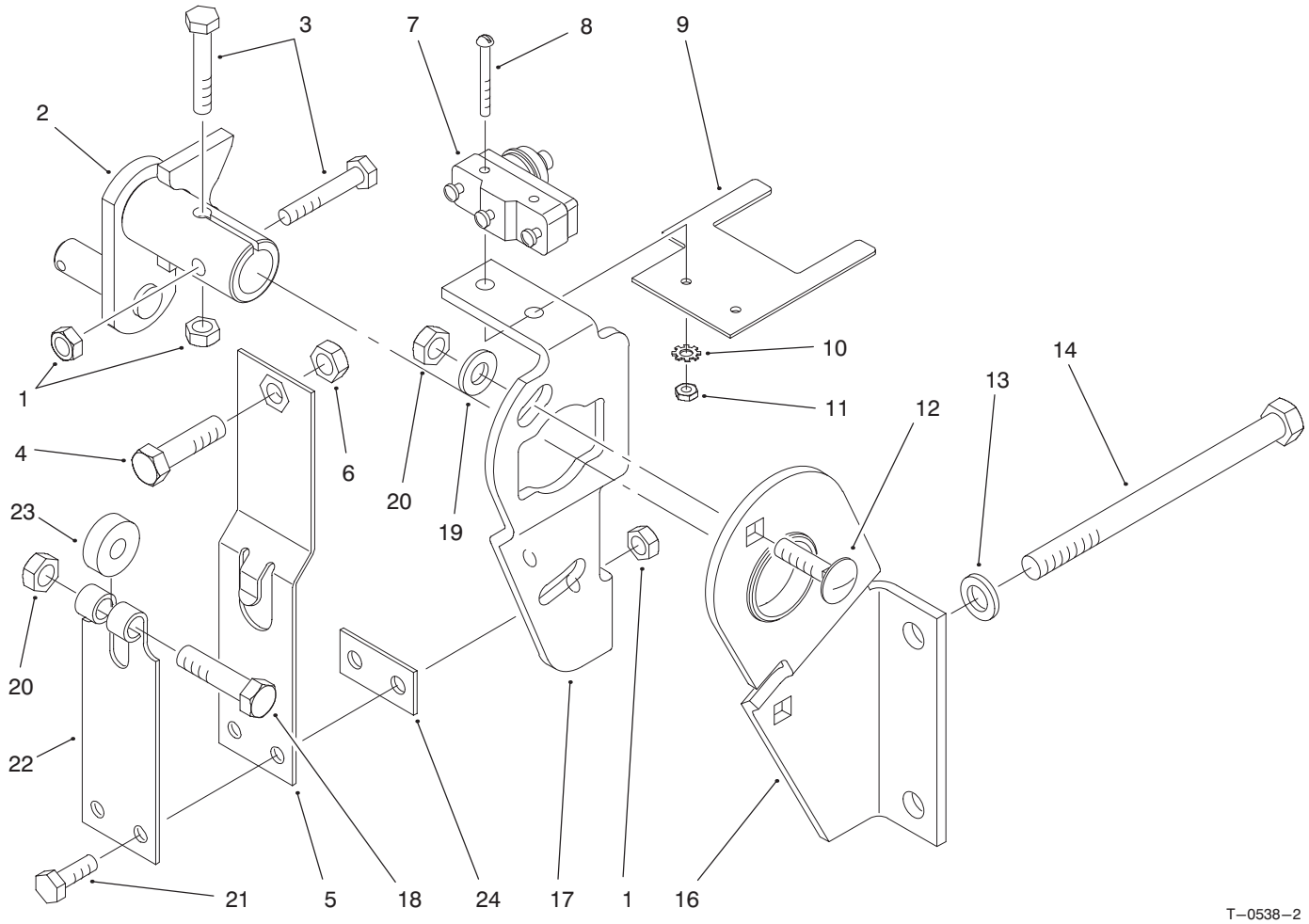
3317−140 REV C



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

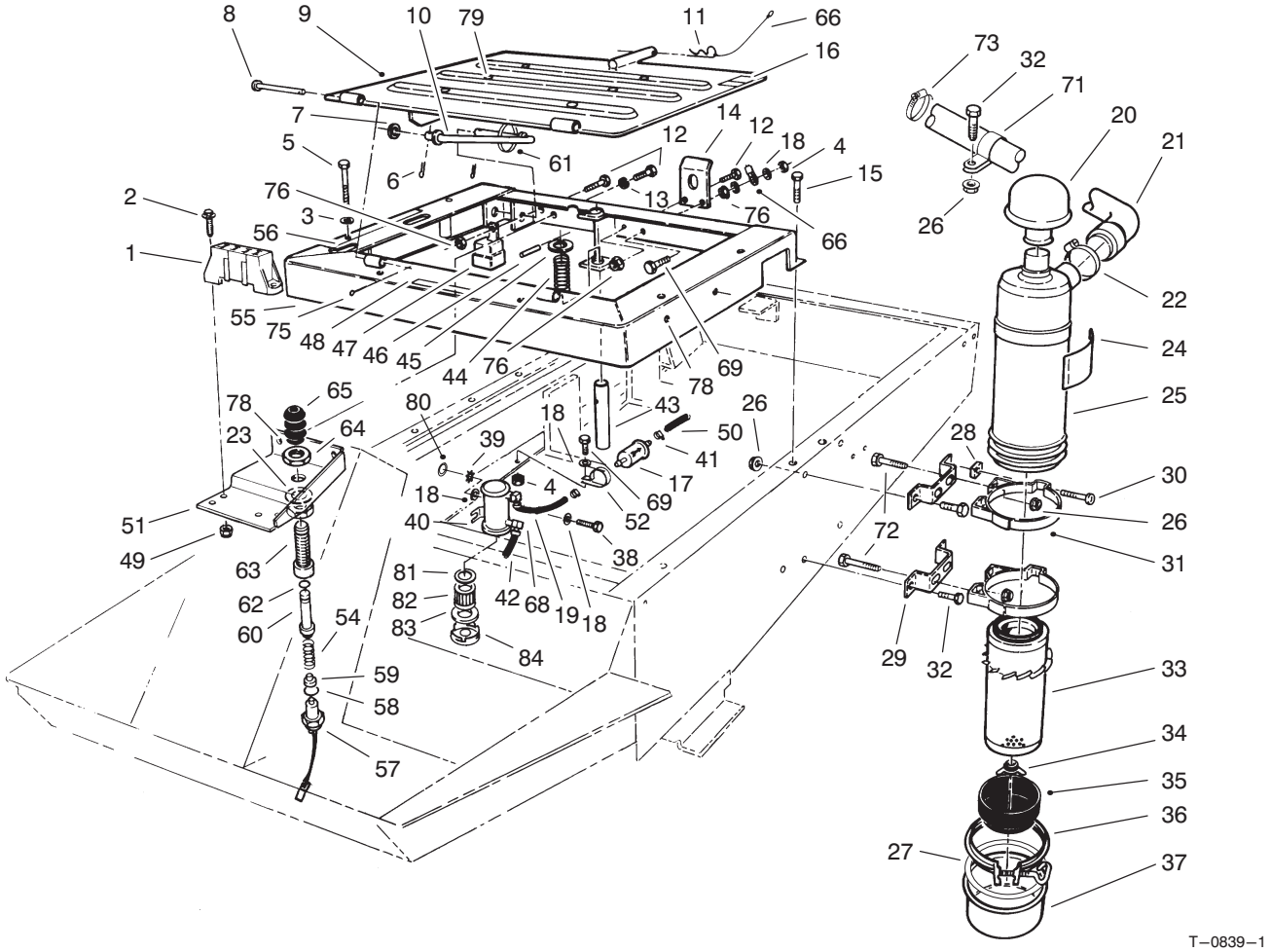


T–0538–2

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, Int. Tooth	2
11	3217–16	Nut – Hex.	2
12	3230–2	Carriage – Bolt	2

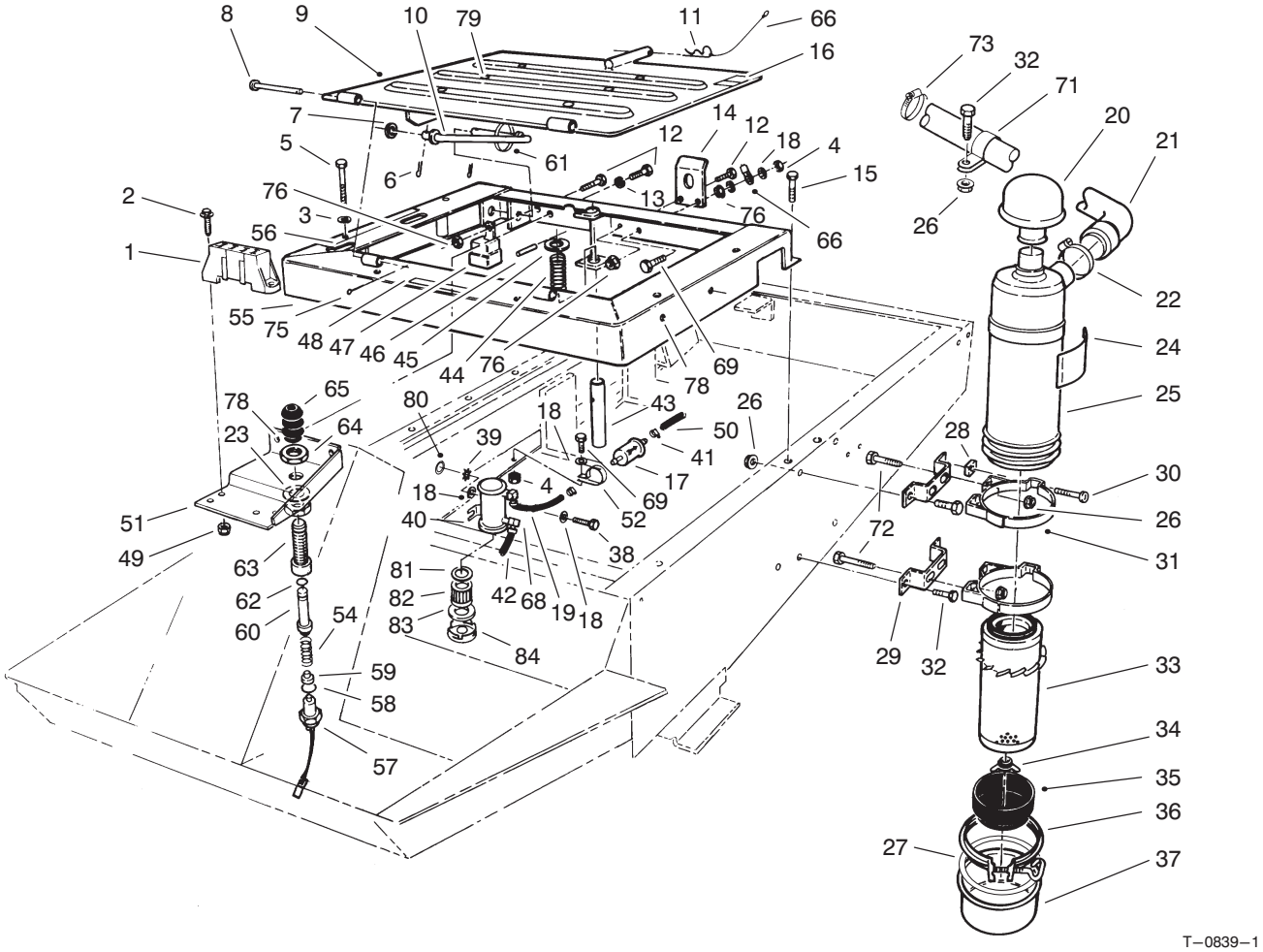
Ref. No.	Part No.	Description	No. Used
13	3253–21	Washer – Lock	2
14	323–39	Screw – Cap Hex. Hd.	2
16	52–8890	Bracket – Mounting	2
17	52–9070	Plate – Pump	1
18	322–17	Screw – Cap Hex. Hd.	1
19	3256–23	Washer – Flat	2
20	3296–29	Nut – Lock	3
21	321–4	Screw – Cap Hex. Hd.	2
22	29–6150	Spring – Leaf	1
23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



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.	2
3	3256–23	Washer – Flat	6
4	3296–42	Nut – Lock	5
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.	3
13	3253–3	Washer – Lock	2
14	66–2630	Latch – Seat	1
15	3234–17	Screw – Flange	2
16	71–3730	Decal – Gas	1
17	18–1520	Filter – Fuel	1
18	3256–22	Washer – Flat	7
19	71–3381	Hose	1
20	27–7180	Cap Assembly	1
21	71–3470	Hose – Air Cleaner Inlet	1
22	2412–42	Clamp – Hose	1
23	3256–69	Washer – Flat	1
24	27–7160	Decal – Instructions	1
25	27–7100	Air Cleaner Assembly (Incl. Ref. #24,27 & 33–37)	1

Ref. No.	Part No.	Description	No. Used
26	32128–20	Nut – Flange	9
27	80–3330	Gasket	1
28	32107–11	Nut – Square	2
29	66–2451	Bracket – Air Cleaner	2
30	3258–19	Screw – Cap Hex. Hd.	2
31	27–7170	Mounting Band Assembly (Incl. Ref. #28 & 30)	2
32	322–5	Screw – Cap Hex. Hd.	5
33	27–7110	Element Assembly	1
34	27–7120	Nut & Gasket Assembly	1
35	27–7140	Skirt – Baffle	1
36	27–7130	Clamp Assembly	1
37	27–7150	Cup Assembly	1
38	321–8	Screw – Cap Hex. Hd.	2
39	3255–8	Washer – Lock, Ext. Tooth	1
40	53–8150	Pump – Fuel (Incl. Ref. #81–84)	1
41	2412–108	Clamp – Hose	4
42	71–3380	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	1
48	67–1710	Decal – Interlock	1
49	3296–12	Nut – Lock	2
50	71–3382	Hose – Fuel	1

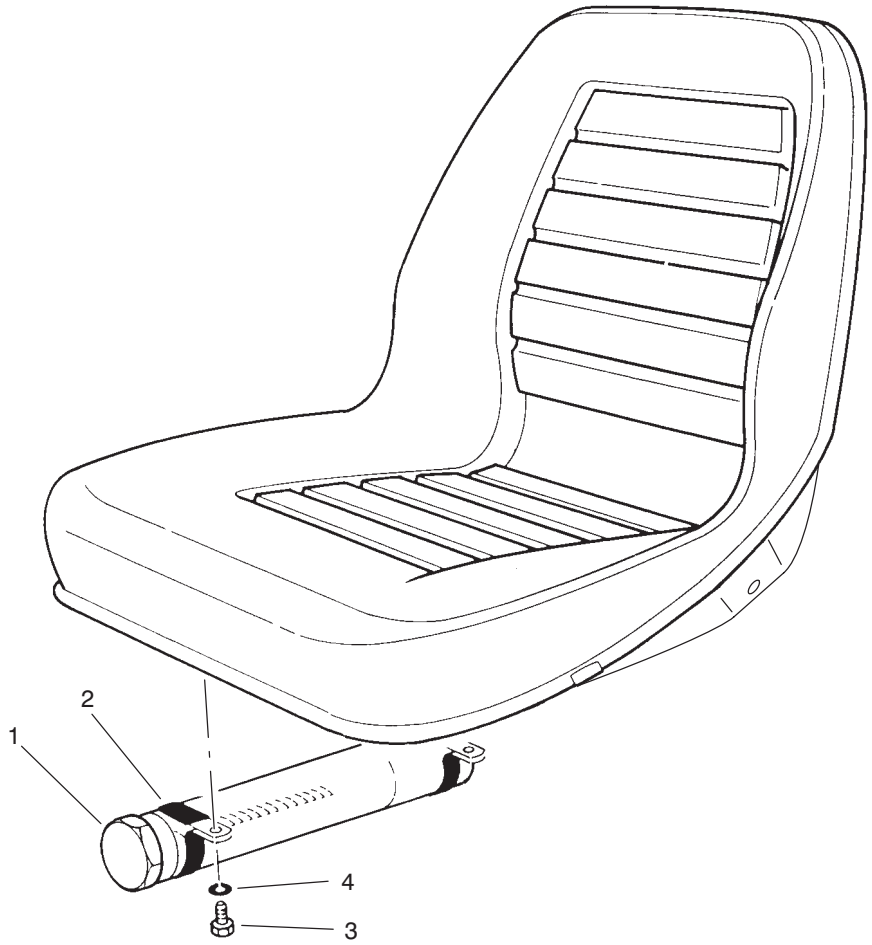


SEAT FRAME & AIR CLEANER ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
51	92–7892	Bracket – Seat Switch	1
52	2412–96	R–Clamp	1
54	43–8600	Spring – Compression	1
55	92–7895	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

Ref. No.	Part No.	Description	No. Used
69	321–6	Screw – Cap Hex. Hd.	2
71	2412–107	R–Clamp	1
72	322–3	Screw – Cap Hex. Hd.	4
73	2412–92	Clamp – Hose	1
75	3272–4	Pin – Cotter	2
76	32128–33	Nut – Flange	3
78	32148–6	Nut – Clinch	6
79	32148–9	Nut – Clinch	2
80	32148–11	Nut – Clinch	2
81	43–2570	Gasket	1
82	43–2550	Filter	1
83	43–2560	Gasket	1
84	43–2580	Magnet	1
*	43–9071	Seat Switch Assembly (Incl. Ref. #54, 57–60 & 62–65)	1

*Not Illustrated

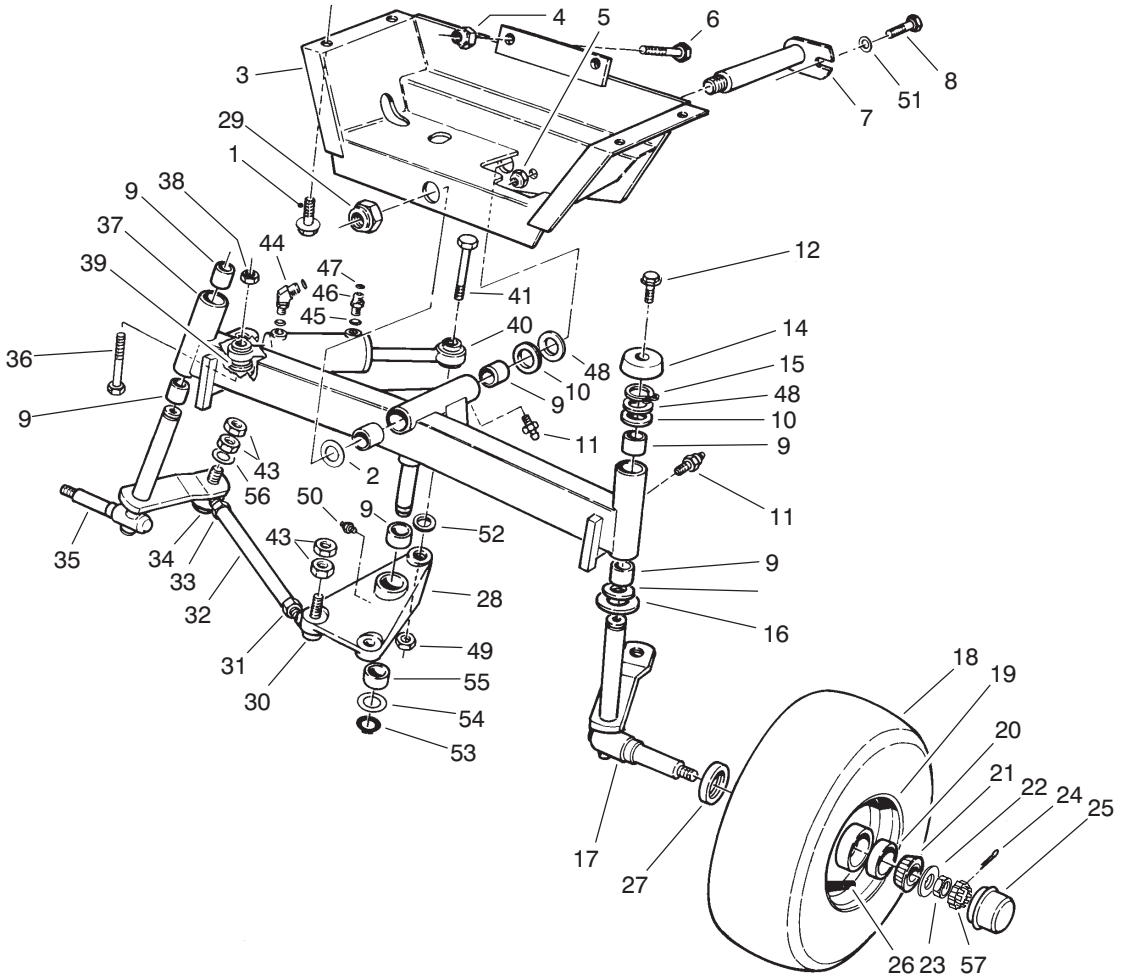


T–1692–1

MANUAL STORAGE ASSEMBLY

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

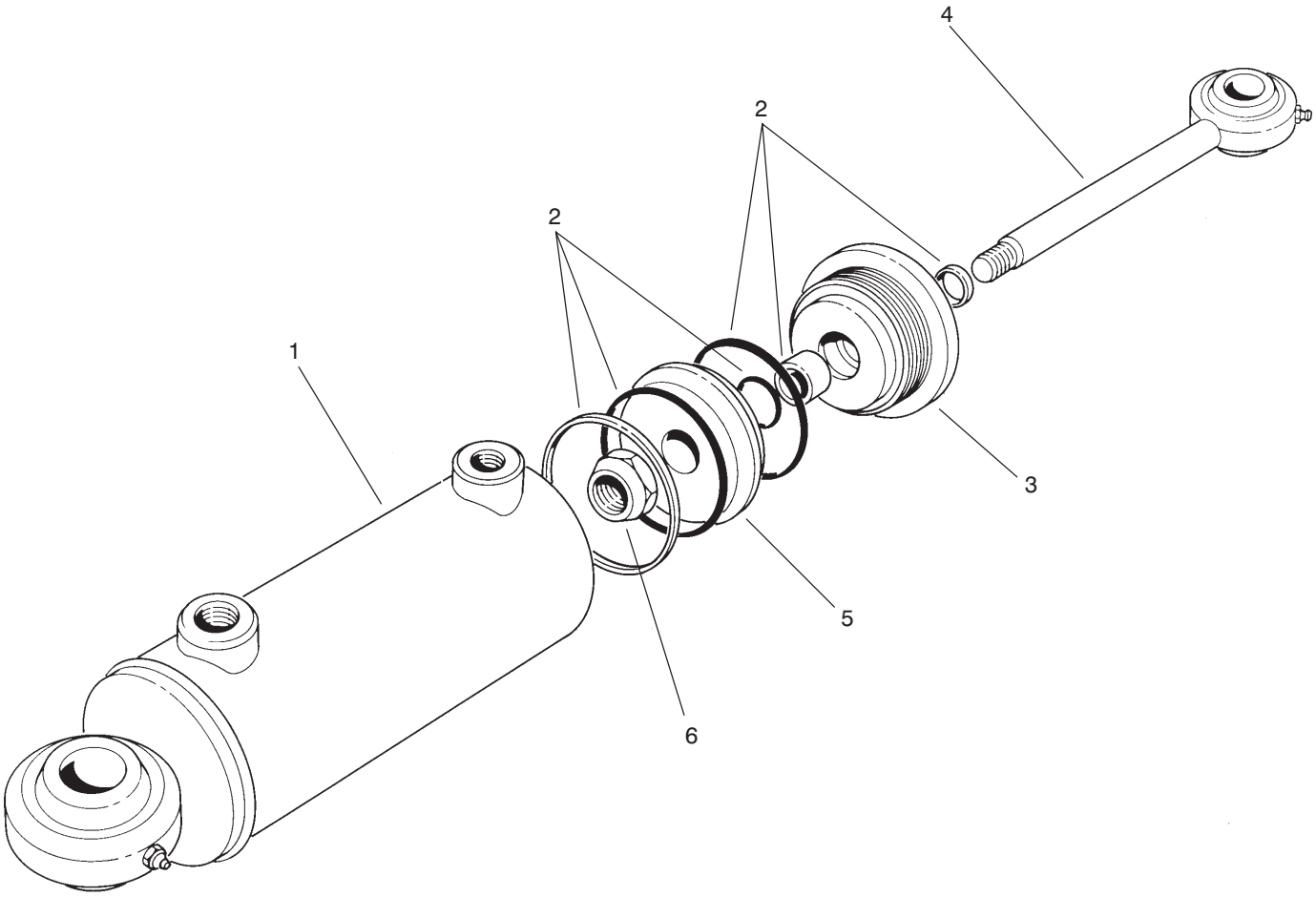
Ref. No.	Part No.	Description	No. Used
3	322–5	Screw – Cap Hex. Hd.	2
4	3256–23	Nut – Lock	2



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	93–3195	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	93–0309	Washer – Tab	2
23	3220–7	Nut – Jam	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
28	76–4810	Steering Pivot Assembly (Incl. Ref. #50 & 55)	1
29	3296–51	Nut – Lock	1

Ref. No.	Part No.	Description	No. Used
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	93–3196	Spindle – Wheel R.H.	1
36	67–7300	Screw Hex Hd.	1
37	76–3000	Axle Assembly (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 – Hydraulic 45° (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 – Lock, Flange	1
50	302–62	Fitting – Grease	1
51	3256–22	Washer – Flat	1
52	67–9410	Washer – Flat	1
53	32121–77	Ring – Retaining	1
54	76–2980	Washer – Thrust	1
55	76–2970	Bushing	2
56	3256–24	Washer – Flat	2
57	93–0307	Nut – Lock, Retainer	2

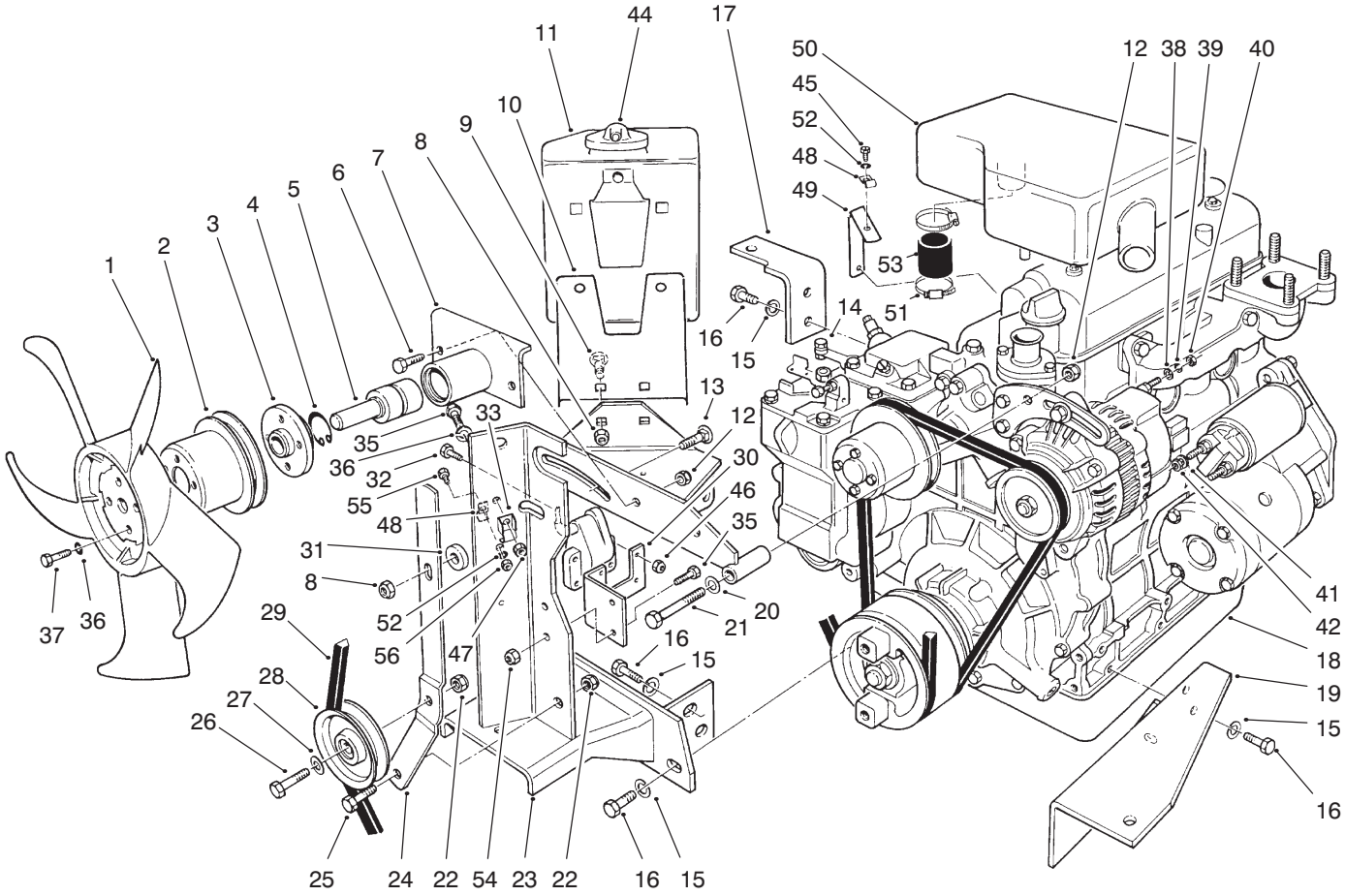


T–0541–1

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

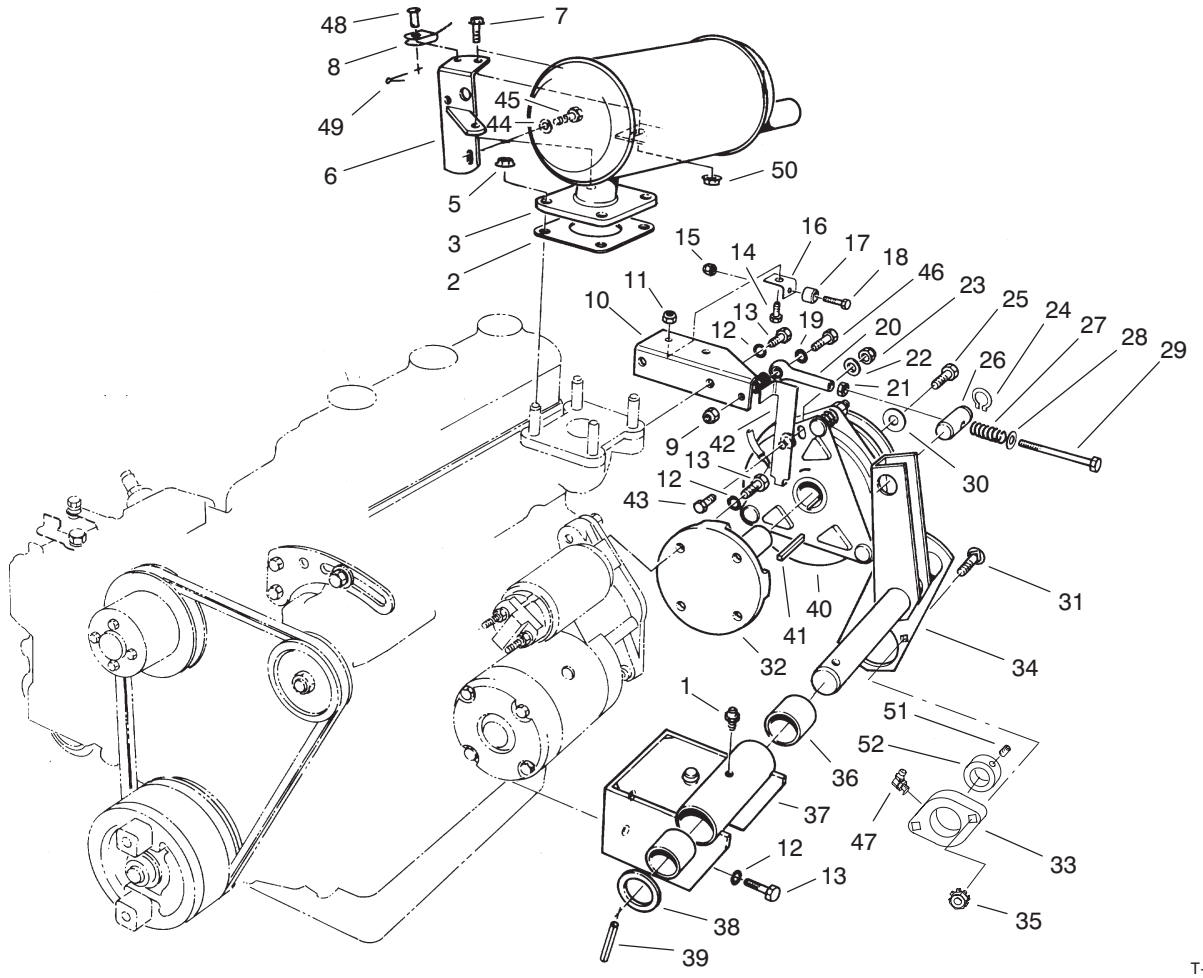
Ref. No.	Part No.	Description	No. Used
4	76–2080	Assembly – Piston Rod	1
5	66–1940	Piston	1
6	66–1930	Nut – Lock	1



ENGINE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	43–1910	Fan – Cooling	1
2	42–9070	Pulley – Fan	1
3	53–8680	Hub – Fan	1
4	32120–10	Ring – Retaining	1
5	36–7290	Shaft w/Bearing	1
6	322–4	Screw – Cap Hex. Hd.	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 – Cable, Throttle	1
15	48–9590	Washer – Lock	8
16	63–7790	Screw	8
17	71–2910	Angle – Mount, Engine	1
18	68–9960	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	1
24	63–6720	Lever – Idler	1
25	323–6	Screw – Cap Hex. Hd.	1
26	323–8	Screw – Cap Hex. Hd.	1
27	3256–24	Washer – Flat	1

Ref. No.	Part No.	Description	No. Used
28	63–8140	Pulley	1
29	92–8879	Belt – Fan	1
30	71–2980	Bracket – Coil	1
31	52–2340	Spacer	1
32	3290–360	Screw – Cap Hex. Hd.	4
33	3–6657	Clip – Skid	1
35	321–4	Screw – Cap Hex. Hd.	3
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
44	71–1520	Cap – Reservoir	1
45	32105–8	Screw	2
46	3296–2	Nut – Lock	4
47	3217–5	Nut – Hex.	1
48	2412–58	Clamp	2
49	71–1460	Bracket – Clamp	1
50	71–2901	Chamber– Induction	1
51	2412–92	Clamp	2
52	3253–2	Washer – Lock	2
53	71–3530	Hose – Carburetor	1
54	3296–42	Nut – Lock	2
55	32105–13	Screw – Cap Hex. Hd.	1
56	3217–26	Nut – Hex.	1

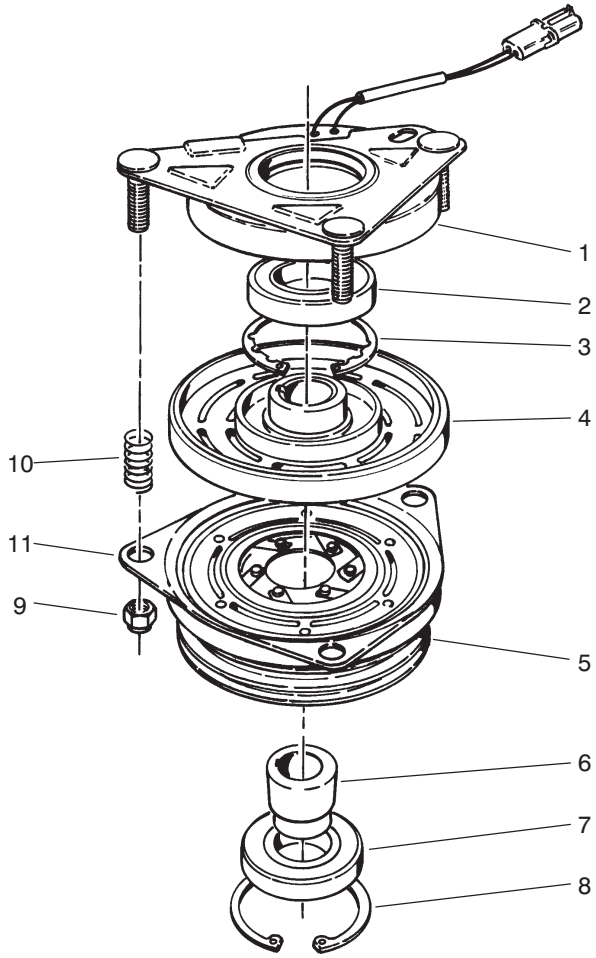


T–0837–1

POWER TAKE–OFF ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	302–5	Fitting – Grease	1
2	53–8130	Gasket – Exhaust	1
3	76–4860	Muffler	1
*	75–6880	Screen – Spark Arrester	1
5	68–9400	Nut – Hex	4
6	66–2360	Support – Muffler	1
7	3234–29	Screw – Cap Hex. Flange	1
8	66–2870	Cable – Stop, Hood	1
9	3296–39	Nut – Lock	1
10	93–9991	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 – Anchor, Clutch	2
17	66–2910	Bumper – Rubber	2
18	3250–39	Screw – Pan Head	2
19	3256–23	Washer – Flat	4
20	66–2900	End – Tie Rod	1
21	3220–2	Nut – Jam	1
22	3256–24	Washer – Flat	2
23	3296–59	Nut – Lock	1
24	32151–83	Ring – Retaining	2
25	3212–5	Screw	1
26	63–6290	Pin – Tension	1
27	3–6624	Spring	1

Ref. No.	Part No.	Description	No. Used
28	4–2390	Washer	1
29	66–3100	Screw	1
30	67–1631	Spacer	1
31	3230–4	Bolt – Carriage	2
32	63–6030	Hub – Clutch	1
33	92–8799	Bearing	1
34	63–6250	Shaft – Tension, PTO	1
35	32149–1	Nut – Keps	2
36	256–299	Bushing	2
37	67–1800	Plate – Pivot (Incl. Ref. #1 & 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 – Anchor, Clutch	1
43	323–34	Screw – Cap Hex. Hd.	1
44	48–8030	Washer – Flat	1
45	48–9460	Screw	1
46	322–6	Screw – Cap Hex. Hd.	1
47	302–40	Fitting – Grease	1
48	283–58	Pin – Clevis	1
49	3272–10	Pin – Cotter	1
50	32128–25	Nut – Lock, Flange Hd.	1
51	3246–2	Screw – Set	1
52	251–77	Collar – Locking	1

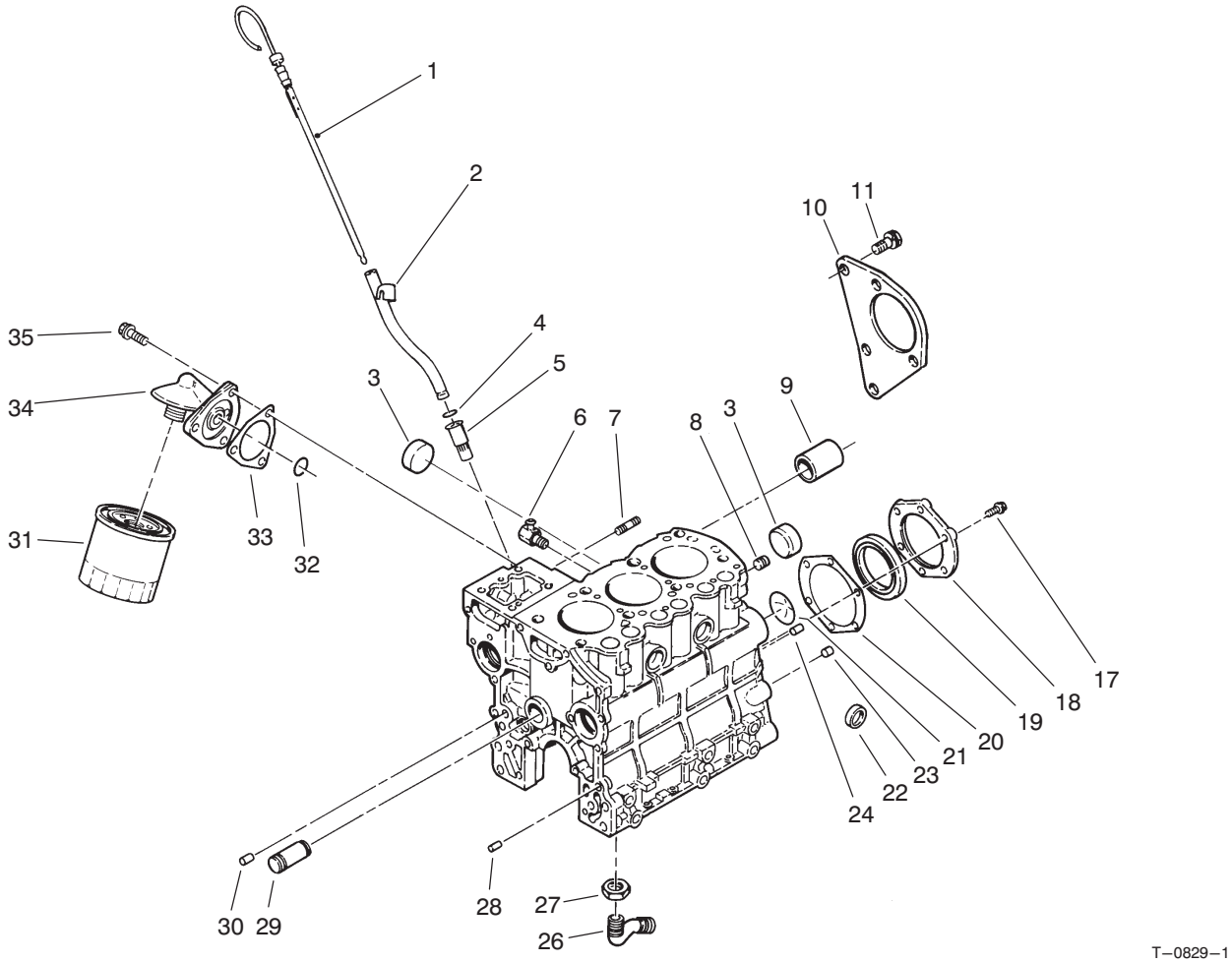


T–0544–1

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 Rotor & Bearing	1
5	67–7070	Arm. & 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



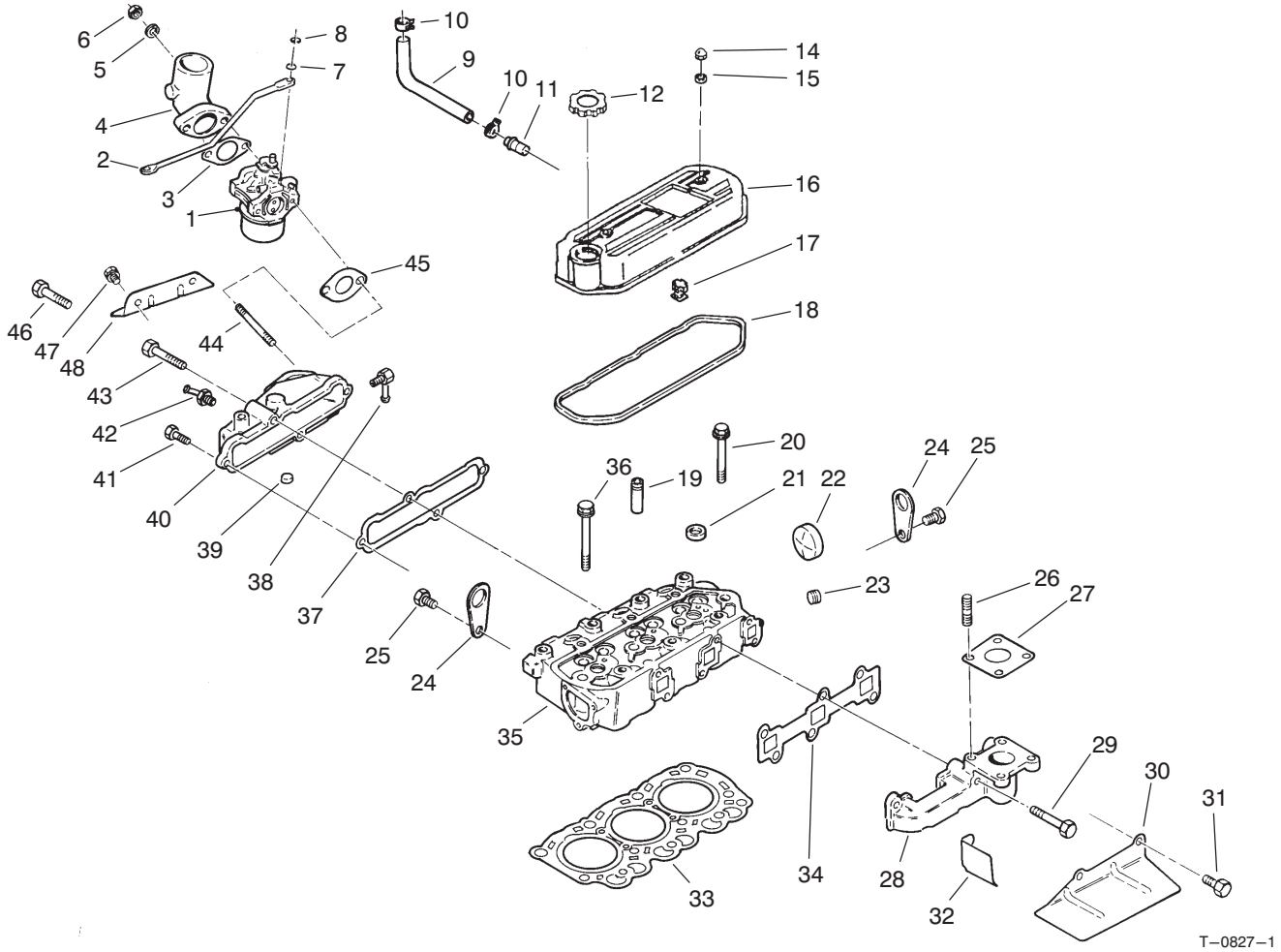
T–0829–1

ENGINE BLOCK ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	72–6970	Gauge – Oil Level	1
2	70–8880	Guide – Oil Level Gauge	1
3	56–0020	Cap – Expansion	3
4	43–2710	O–Ring	1
5	72–6950	Retainer – Gauge Guide	1
6	72–6940	Joint – Water Drain	1
7	42–9560	Stud	1
8	67–2390	Plug – Taper	1
9	72–6010	Sleeve	1
10	67–2430	Bracket – Starter	1
11	67–2440	Bolt w/Washer	3
17	67–2330	Bolt	6
18	67–2270	Case – Oil Seal	1
19	67–2230	Seal – Oil	1
20	67–2280	Gasket – Case	1
21	67–2350	Plug – Expansion	1

Ref. No.	Part No.	Description	No. Used
22	42–7080	Cap – Sealing	2
23	67–2380	Bushing – Knock	3
24	67–2360	Bushing – Knock	2
26	67–4340	Oil Screen Assembly (Incl. Ref. #27)	1
27	42–9650	Nut – Jam	1
28	67–2370	Bushing – Knock	1
29	67–2260	Shaft – Idler	1
30	42–7190	Bushing – Knock	2
31	67–4330	Oil Filter Assembly	1
32	72–6990	O–Ring	1
33	72–6040	Gasket – Oil Filter Bracket	1
34	72–6030	Bracket – Oil Filter	1
35	72–6980	Bolt	3
*	72–6920	Kit – Gasket	1
*	72–6000	Cylinder Block Assembly	1

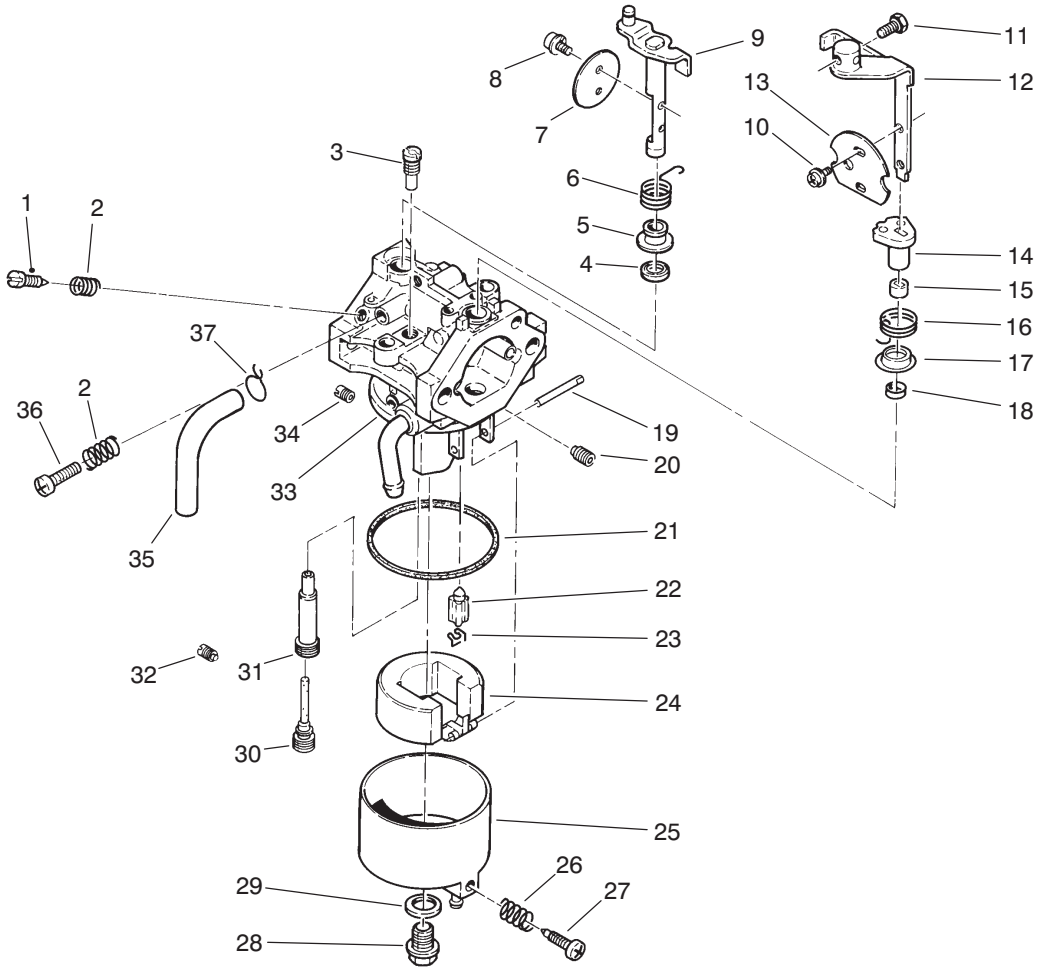
*Not Illustrated



CARBURETOR, CYLINDER HEAD & MANIFOLD ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	72–6260	Carburetor Assembly	1
2	72–6220	Rod – Link	1
3	72–6230	Gasket – Intake Pipe	1
4	72–6250	Pipe – Intake	1
5	72–7000	Washer – Lock	2
6	67–4290	Nut	2
7	72–6210	Washer	2
8	67–4300	Ring – Retaining	2
9	72–7170	Pipe – Air Breather	1
10	72–7160	Clip – Hose	2
11	42–7510	Pipe	1
12	92–0847	Oil Fill Cap Assembly	1
14	67–2770	Nut – Cap	2
15	67–2780	Washer – Flat	2
16	92–0846	Rocker Arm Cover Assy. (Incl. Ref. #11)	1
17	72–6070	Separator – Oil	1
18	67–2760	Gasket – Rocker Arm Cover	1
19	67–2700	Guide – Valve	6
20	67–2740	Bolt – Flange	3
21	67–2710	Cap – Sealing	3
22	56–0020	Plug – Expansion	1
23	67–2570	Plug – Taper	1
24	67–2680	Hanger – Engine	2
25	67–2340	Bolt w/Washer	2

Ref. No.	Part No.	Description	No. Used
26	42–9570	Stud	4
27	42–9110	Gasket	1
28	67–4560	Manifold – Exhaust	1
29	67–4580	Bolt	2
30	72–7020	Cover – Starter	1
31	67–4590	Bolt	4
32	72–6140	Cover – Alternator	1
33	67–2720	Gasket – Cylinder Head	1
34	67–4570	Gasket – Exhaust Manifold	1
35	72–6050	Cylinder Head Assembly (Incl. Ref. #19, & 21–23)	1
36	67–2730	Bolt – Cylinder Head	8
37	67–4550	Gasket – Intake Manifold	1
38	72–6110	Joint	1
39	67–2710	Cap – Sealing	1
40	72–6090	Intake Cover Assembly (Incl. Ref. #38, 39 & 42)	1
41	67–2330	Bolt	2
42	72–6120	Joint	1
43	67–2620	Bolt	1
44	72–6150	Stud	2
45	72–6240	Gasket – Carburetor	1
46	67–4400	Bolt	1
47	72–7100	Bolt	2
48	72–6130	Cover – Distributor	1

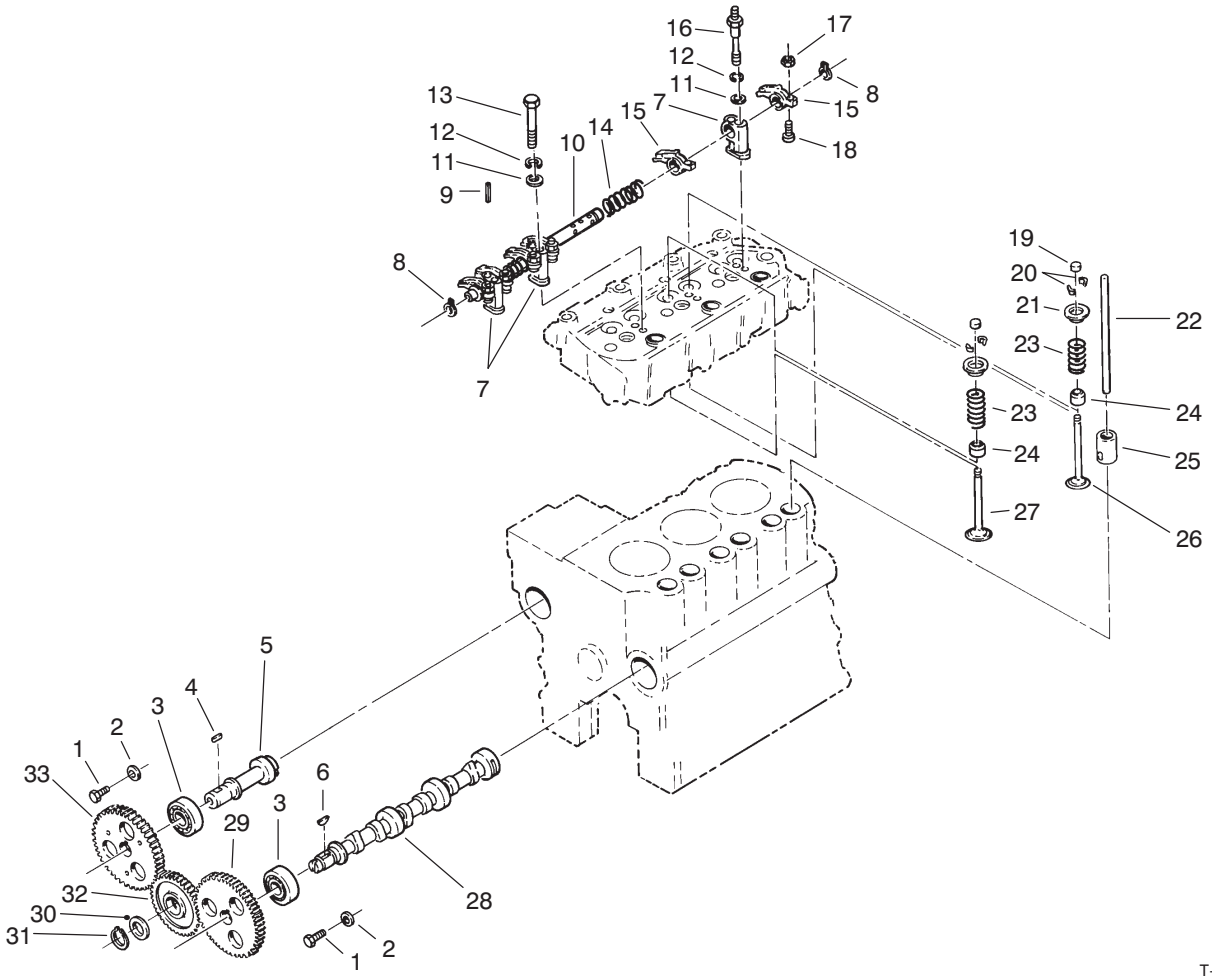


T−0833−1

CARBURETOR ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	72−6580	Adjuster Assembly	1
2	72−6570	Spring	2
3	72−6420	Jet − Pilot (40)	1
4	72−6320	Seal	1
5	72−6310	Ring	1
6	72−6300	Spring	1
7	72−6280	Valve − Throttle	1
8	72−6270	Screw	2
9	72−6290	Throttle Shaft Assembly	1
10	72−6330	Screw	2
11	72−6360	Bolt	1
12	72−6350	Choke Lever Assembly	1
13	72−6340	Valve − Choke	1
14	72−6370	Ring	1
15	72−6380	Ring	1
16	72−6390	Spring	1
17	72−6400	Cap	1
18	72−6410	Seal	1
19	72−6480	Pin	1

Ref. No.	Part No.	Description	No. Used
20	72−6490	Jet − Main Air (2.0)	1
21	72−6510	Gasket	1
22	72−6450	Needle Assembly	1
23	72−6460	Clip	1
24	72−6470	Float Assembly	1
25	72−6520	Float Body Assembly	1
26	72−6550	Stop − Spring	1
27	72−6560	Screw	1
28	72−6540	Bolt	1
29	72−6530	Gasket	1
30	72−6440	Nozzle	1
31	72−6430	Nozzle − Main	1
32	72−6650	Jet − Main	1
33	72−6260	Carburetor Assembly (Incl. Ref. #1−31 & 33−37)	1
34	72−6500	Jet − Pilot Air (1.2)	1
35	72−6600	Hose	1
36	72−6610	Screw	1
37	72−6590	Clip − Spring	1

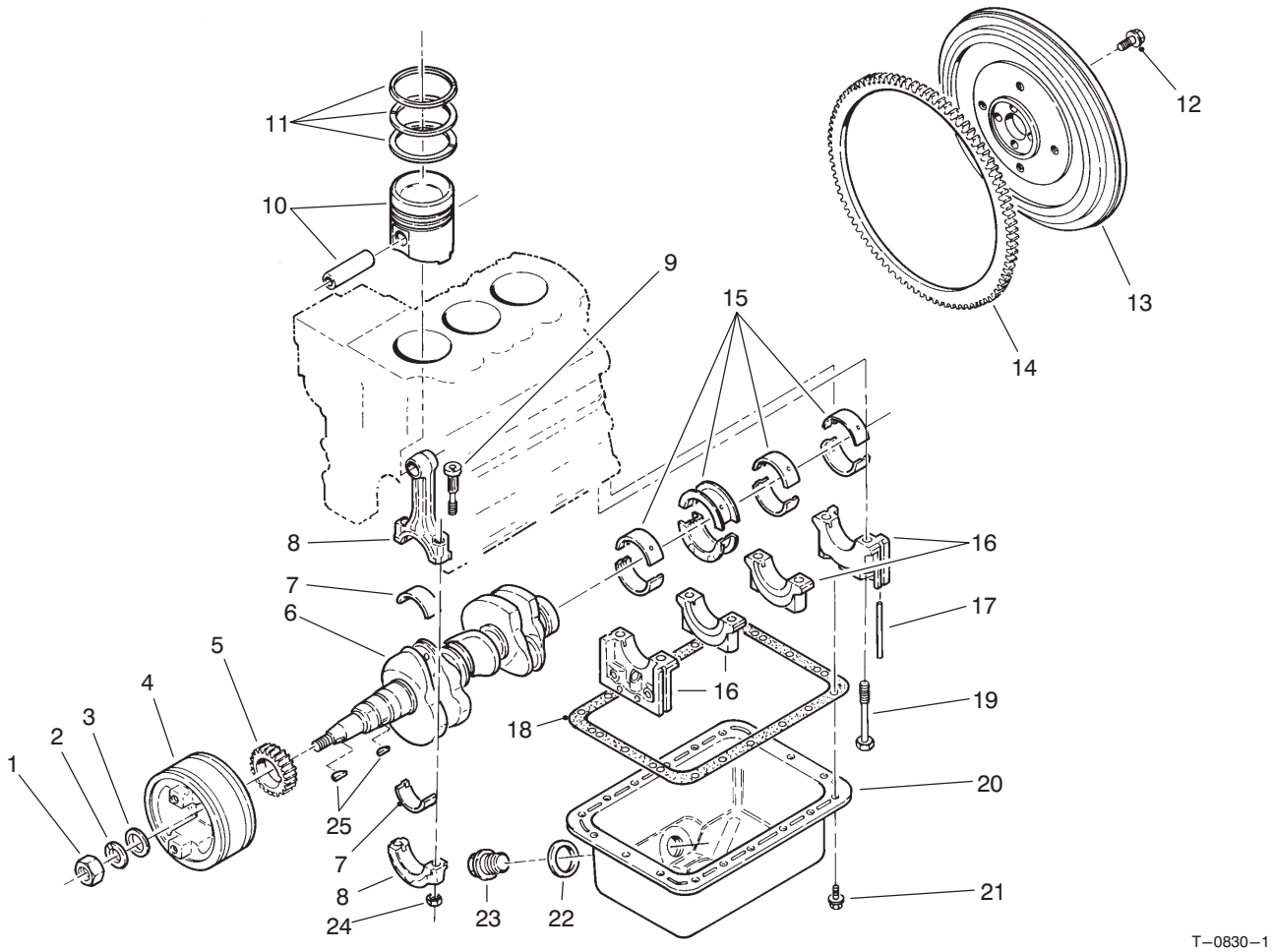


T–0828–1

CAMSHAFT & VALVE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	42–9490	Bolt w/Washer	1
2	67–3000	Washer – Camshaft Stopper	1
3	67–3030	Bearing – Ball	2
4	42–7840	Key – Sunk	1
5	72–6200	Shaft – Distributor	1
6	56–0480	Key – Woodruff	1
7	67–3200	Stay – Rocker	3
8	67–3240	Ring – Retaining	2
9	67–3220	Pin – Grooved	1
10	67–3190	Rocker Shaft Assembly	1
11	42–9660	Washer – Flat	3
12	67–3260	Washer – Spring	3
13	42–9510	Bolt	1
14	67–3170	Spring – Rocker Shaft	2
15	67–3160	Arm – Rocker	6
16	67–3250	Bolt – Rocker Stay	2
17	67–3230	Nut – Jam	6

Ref. No.	Part No.	Description	No. Used
18	67–3210	Screw – Adjusting	6
19	67–3180	Cap – Valve Stem	6
20	42–7860	Lock – Retainer	12
21	67–3100	Retainer – Valve Spring	6
22	67–3150	Rod – Push	6
23	67–3110	Spring – Valve	6
24	42–7870	Seal – Valve Stem	6
25	67–3120	Tappet	6
26	67–3140	Valve – Exhaust	3
27	67–3130	Valve – Intake	3
28	67–3010	Camshaft	1
29	67–3020	Gear – Camshaft	1
30	67–3040	Spacer	1
31	56–1060	Ring – Retaining	1
32	67–3090	Idler Gear Assembly	1
33	67–3070	Gear – Fuel Injection Pump	1



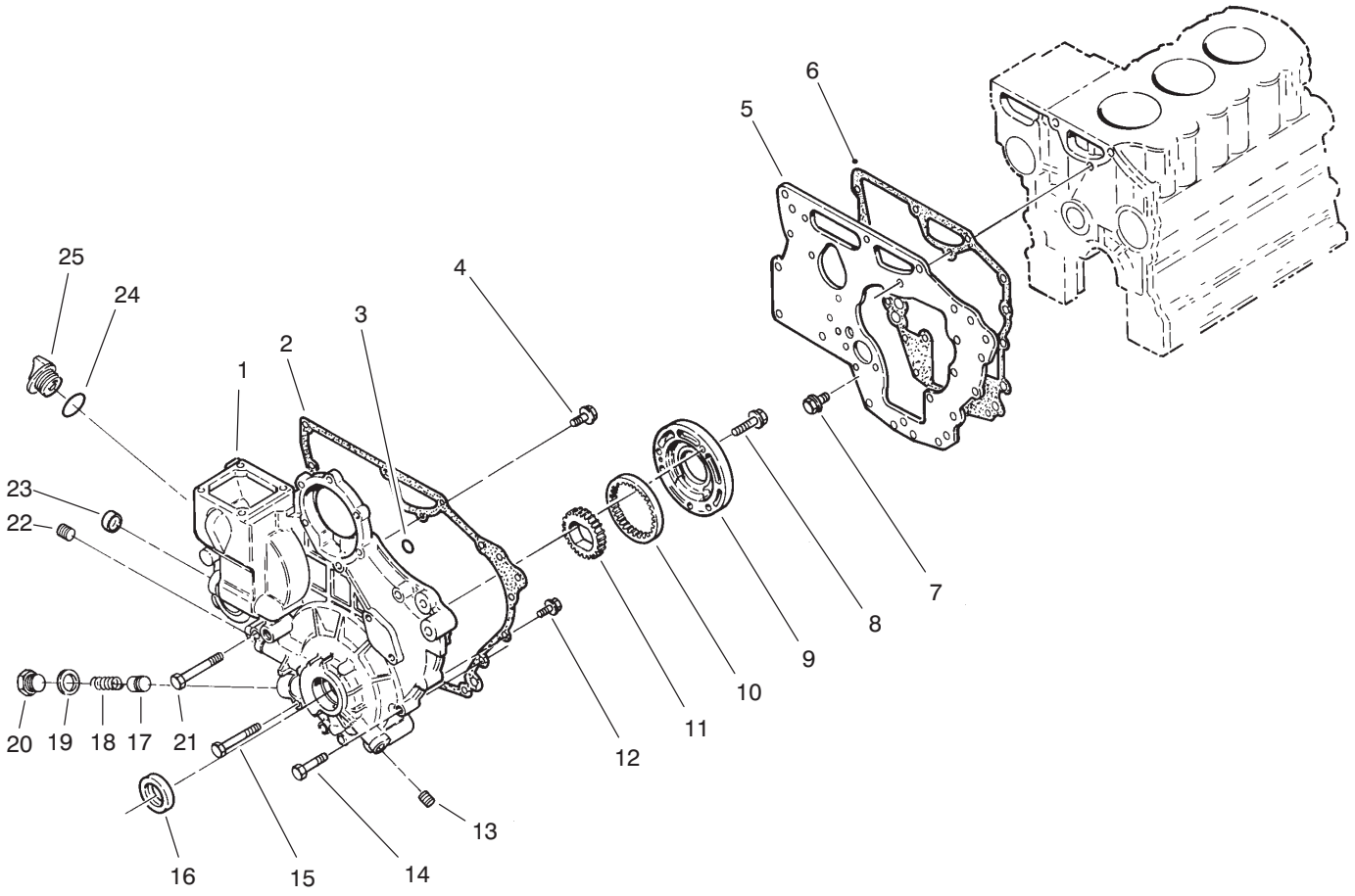
T—0830—1

PISTON, CRANKSHAFT & FLYWHEEL ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	67—2940	Nut — Jam	1
2	67—2960	Washer — Spring	1
3	67—2950	Washer — Flat	1
4	67—2930	Pulley — Crankshaft	1
5	67—2910	Gear — Crankshaft	1
6	92—0845	Crankshaft	1
7	67—2880	Bearing Set Connecting Rod — Std.	3
*	67—2890	Bearing Set Connection Rod — 0.25 US	3
*	67—2900	Bearing Set Connection Rod — 0.50 US	3
8	67—2850	Connecting Rod Assembly (Incl. Ref. #9 & 24)	34
9	67—2860	Bolt — Connecting Rod	6
10	72—6160	Piston & Pin Set. Std.	3
*	72—6170	Piston & Pin Set 0.25 OS	3
*	72—6180	Piston & Pin Set 0.50 OS	3
11	67—2790	Ring Set — Piston, Std.	3
*	67—2800	Ring Set — Piston, 0.25 OS	3

Ref. No.	Part No.	Description	No. Used
*	67—2810	Ring Set — Piston, 0.50 OS	3
12	67—2990	Bolt — Flywheel	4
13	67—2970	Flywheel Assembly (Incl. Ref. #14)	1
14	67—2980	Gear — Ring	1
15	67—2400	Bearing Set Crankshaft Std.	1
*	67—2410	Bearing Set Crankshaft 0.25	1
*	67—2420	Bearing Set Crankshaft 0.50	1
16		Bearing Cap Assembly	1
17	67—2200	Slide — Seal	4
18	67—2200	Gasket — Oil Pan	1
19	67—2250	Bolt — Bearing Cap	1
20	67—2470	Oil Pan Assembly (Incl. Ref. #22 & 23)	1
21	42—9490	Bolt w/Washer	18
22	42—7290	Gasket — Oil Drain Plug	1
23	42—9260	Plug — Oil Drain	1
24	42—9590	Nut — Connecting Rod	6
25	56—0480	Key — Woodruff	2

*Not Illustrated

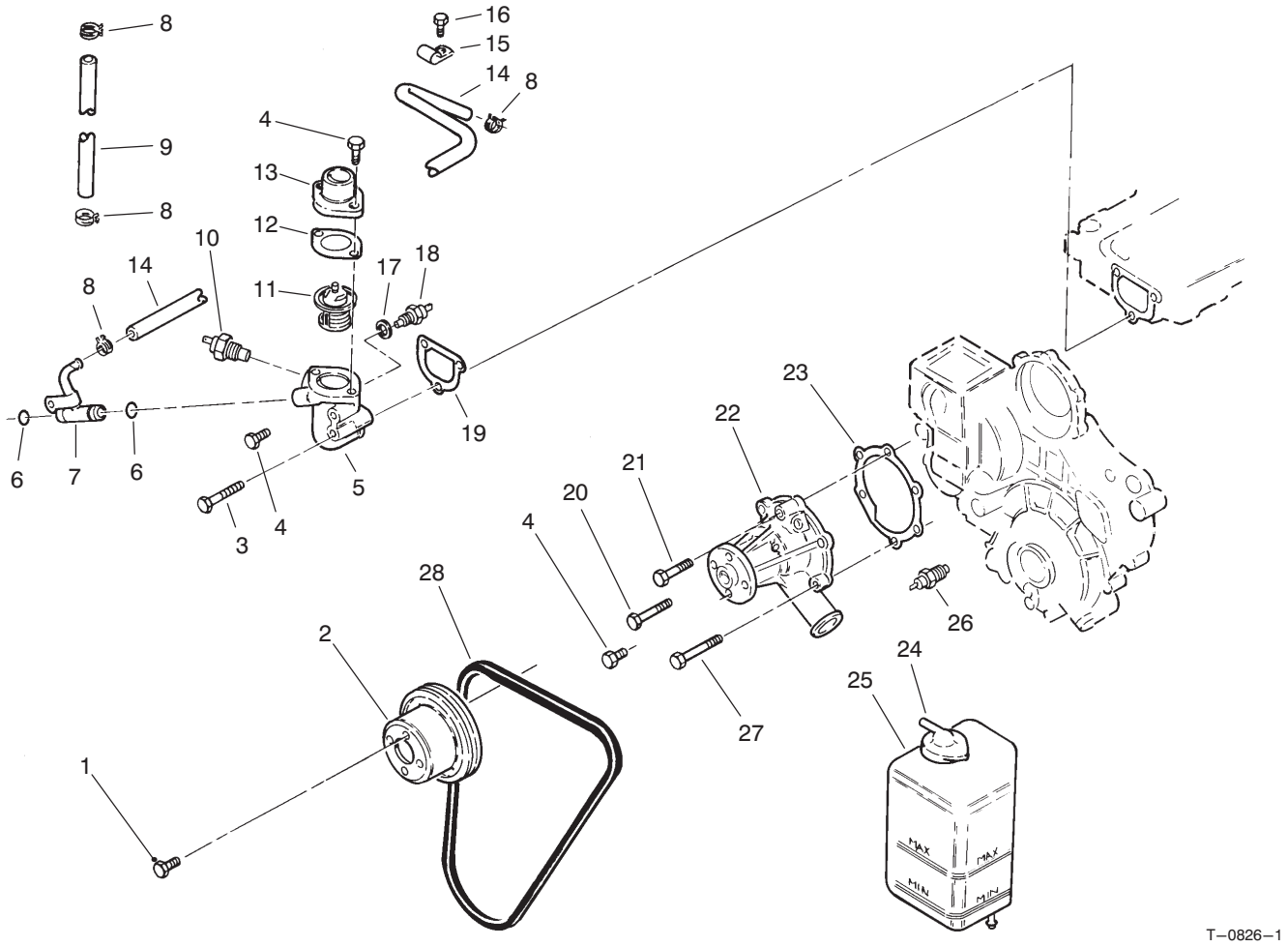


T–0836–1

GEAR CASE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	75–4920	Gear Case Sub Assembly	1
2	67–2580	Gasket – Gear Case	1
3	67–2630	O–Ring	2
4	67–2340	Bolt w/Washer	3
5	67–2310	Plate – Front	1
6	67–2320	Gasket – Front Plate	1
7	42–9440	Bolt w/Washer	7
8	67–2560	Bolt w/Washer	3
9	67–2550	Housing – Oil Pump	1
10	67–2540	Gear – Outer, Oil Pump	1
11	67–2530	Gear – Inner, Oil Pump	1
12	42–9440	Bolt w/Washer	4
13	42–7210	Plug – Taper	1

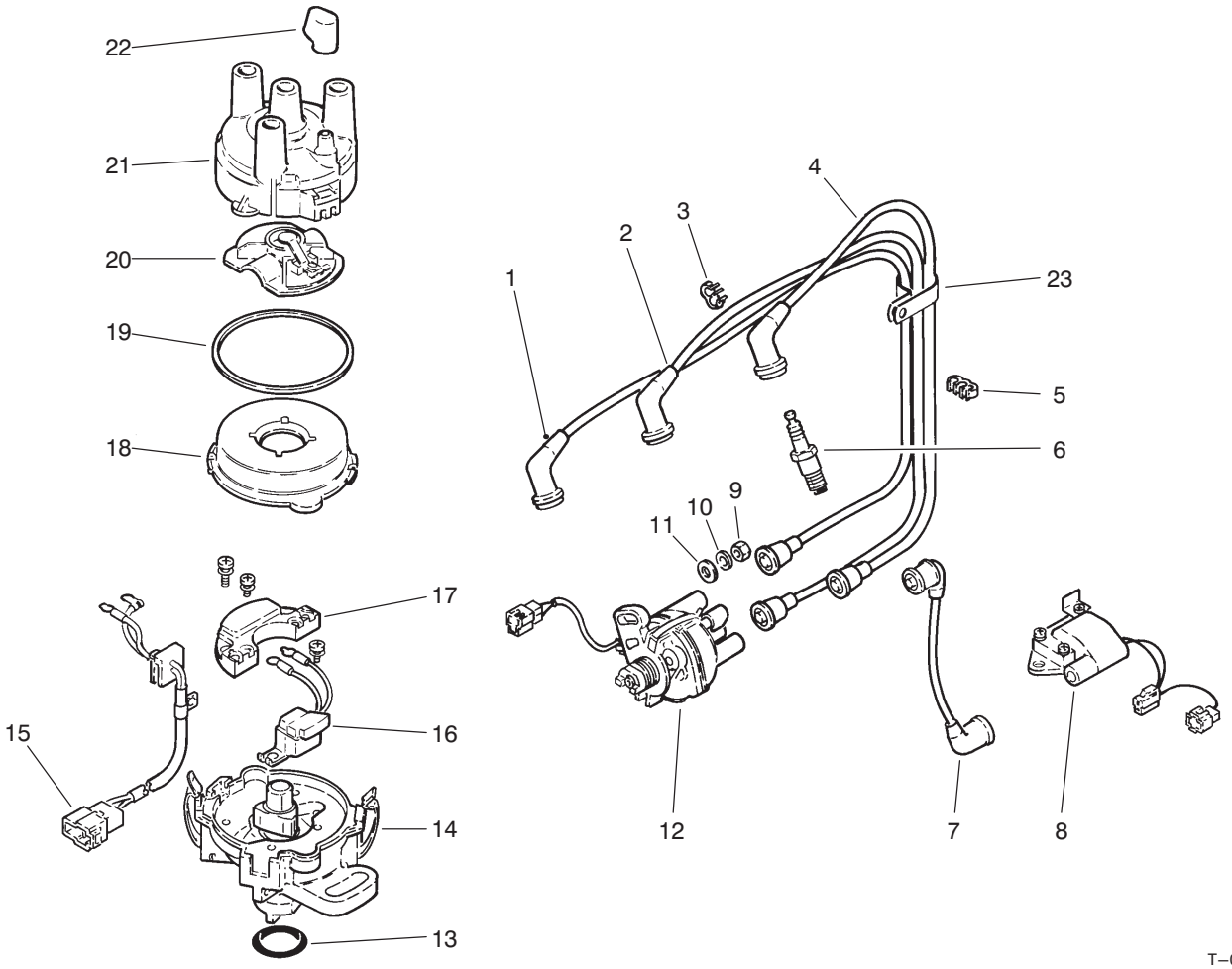
Ref. No.	Part No.	Description	No. Used
14	67–2600	Bolt	3
15	67–2610	Bolt	4
16	67–2590	Seal – Oil	1
17	67–2500	Plunger – Relief	1
18	67–2510	Spring – Relief	1
19	42–7290	Gasket – Drain Plug	1
20	67–2520	Plug	1
21	67–2620	Bolt	1
22	67–2570	Plug – Taper	1
23	67–2640	Cap – Sealing	1
24	67–2660	O–Ring	1
25	67–2650	Oil Filter Cap Assembly (Incl. Ref. #24)	1



WATER PUMP ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	42–9490	Bolt w/Washer	4
2	67–4360	Pulley – Water Pump	1
3	67–4470	Bolt	1
4	67–2330	Bolt	6
5	67–4450	Fitting – Thermostat	1
6	43–2710	O–Ring	2
7	72–6740	Pipe – Bypass	1
8	72–7080	Clip – Hose	4
9	72–7090	Hose – Fuel	1
10	67–4510	Gauge – Water Temperature	1
11	67–4440	Thermostat	1
12	67–4430	Gasket – Fitting, Water Out.	1
13	67–4420	Fitting – Water Outlet	1
14	72–7120	Hose – Fuel	1
15	72–7110	Clip	1

Ref. No.	Part No.	Description	No. Used
16	72–7100	Bolt	1
17	67–4490	Gasket – Switch	1
18	67–4500	Switch – Temp. Shut–Down	1
19	67–4460	Gasket – Fitting, Thermostat	1
20	67–4400	Bolt	1
21	67–2600	Bolt	1
22	67–4380	Water Pump Assembly	1
23	67–4390	Gasket – Water Pump	1
24	71–1520	Reservoir Cap Assembly	1
25	67–7380	Reservoir Tank Assembly (Incl. Ref. #24)	1
26	67–4350	Switch – Oil Pressure	1
27	67–2610	Bolt	2
28	67–4410	V–Belt	1



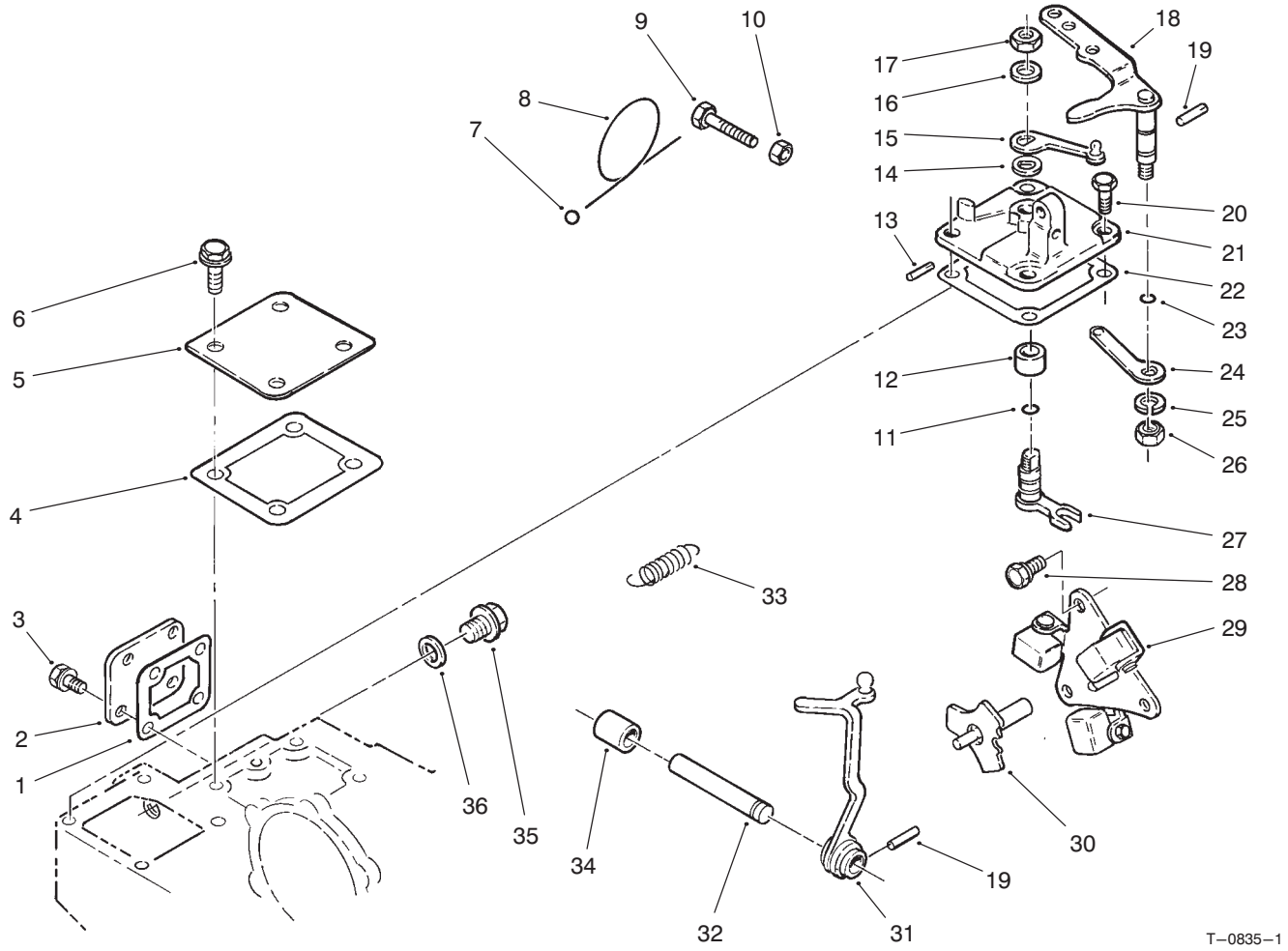
T–0834–1

DISTRIBUTOR ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	72–6890	Cable Assembly Spark Plug No. 1	1
2	72–6900	Cable Assembly Spark Plug No. 2	1
3	72–7150	Clamp – Emission Hose	1
4	72–6910	Cable Assembly Spark Plug No. 3	1
5	72–7140	Clip – Hose	1
6	72–7130	Spark Plug Assy. (BP4ES)	3
7	72–6190	High Tension Cable Assy.	1
8	72–6880	Ignition Coil Assembly	1
9	67–4180	Nut	1
10	67–3260	Washer – Spring	1
11	42–9660	Washer – Flat	1

Ref. No.	Part No.	Description	No. Used
12	72–6750	Distributor Assembly	1
13	72–6830	O–Ring	1
14	72–6820	Housing Set	1
15	72–6850	Lead Wire Set w/Screws	1
16	72–6810	Pick Up Set w/Screws	1
17	72–6800	Igniter Set w/Screws	1
18	72–6790	Cover	1
19	72–6780	Gasket	1
20	72–6770	Rotor Assembly	1
21	72–6760	Cap Assembly (Incl. Ref. #22)	1
22		Cap Assembly	3
23	2412–106	R–Clamp	1
*	72–6840	Screw Set – Distributor	1

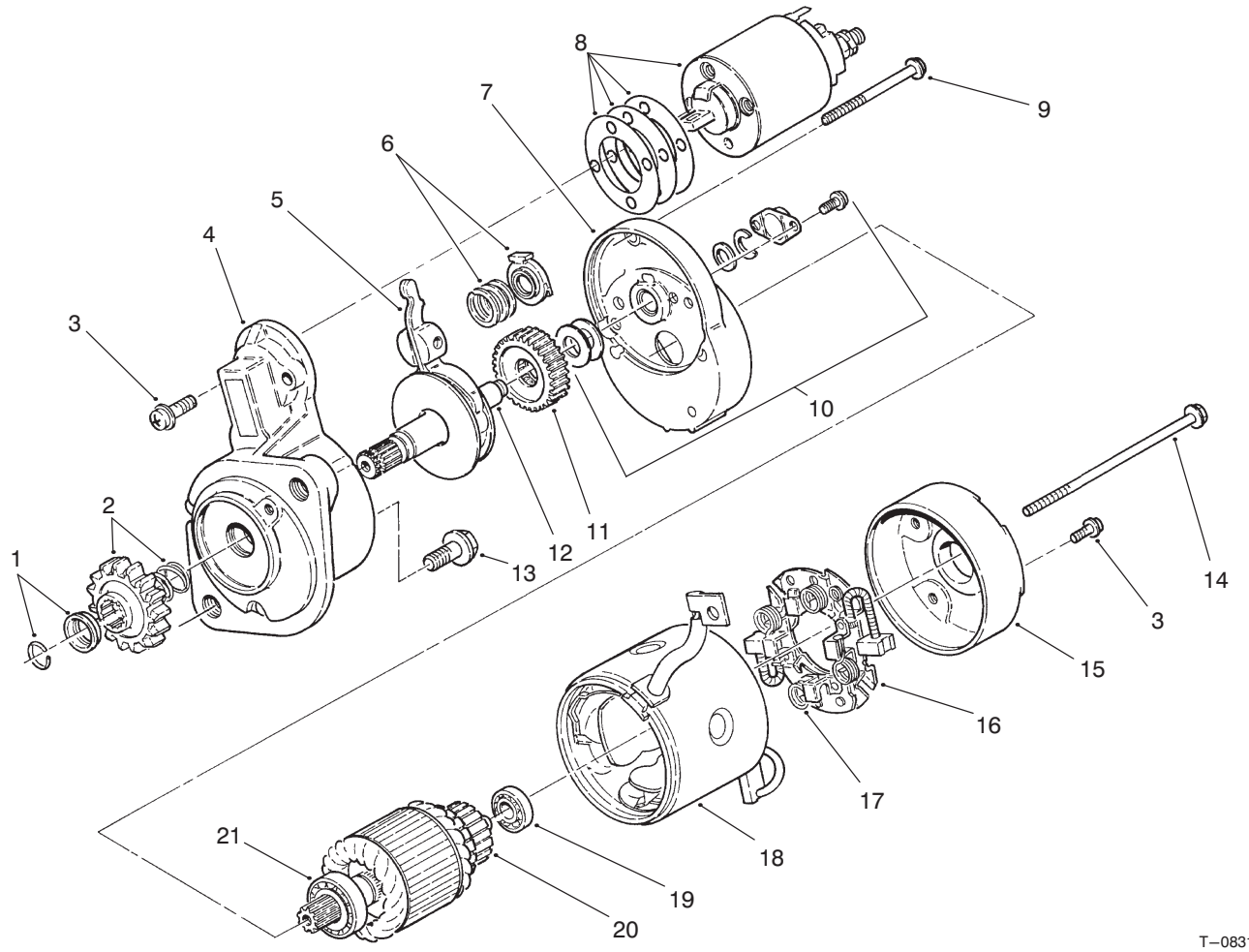
*Not Illustrated



GOVERNOR ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	67–4310	Gasket – Cover, Tie Rod	1
2	67–4250	Cover – Tie Rod	1
3	42–9440	Bolt w/Washer	4
4	72–6870	Gasket – Cover	1
5	72–6860	Cover	1
6	72–7070	Bolt w/Washer	4
7	42–8690	Metal – Sealing	1
8	42–8700	Wire	1
9	42–9420	Bolt – Speed Set	1
10	67–4290	Nut	1
11	72–6660	O–Ring	1
12	72–6670	Bushing	1
13	67–4120	Pin – Grooved	1
14	72–6710	Seal – Dust	1
15	72–6700	Lever – Throttle	1
16	67–3260	Washer – Spring	1
17	42–9640	Nut – Jam	1
18	67–3990	Speed Cont. Lever Assy.	1

Ref. No.	Part No.	Description	No. Used
19	67–4000	Pin – Grooved	2
20	67–4270	Bolt	4
21	67–4230	Cover – Governor	1
22	67–4160	Gasket – Cover, Governor	1
23	42–8830	O–Ring	1
24	72–6630	Lever – Spring, Governor	1
25	67–3260	Washer – Spring	1
26	42–9640	Nut –Jam	1
27	72–6690	Inner Lever Assembly	1
28	42–9430	Bolt w/Washer	3
29	72–6720	Governor Weight Assembly	1
30	72–6730	Sliding Shaft Assembly	1
31	72–6640	Governor Lever Assembly	1
32	67–4050	Shaft – Governor	1
33	72–7050	Spring – Governor	1
34	72–7040	Bushing	1
35	72–6620	Plug	1
36	72–7030	Gasket	1



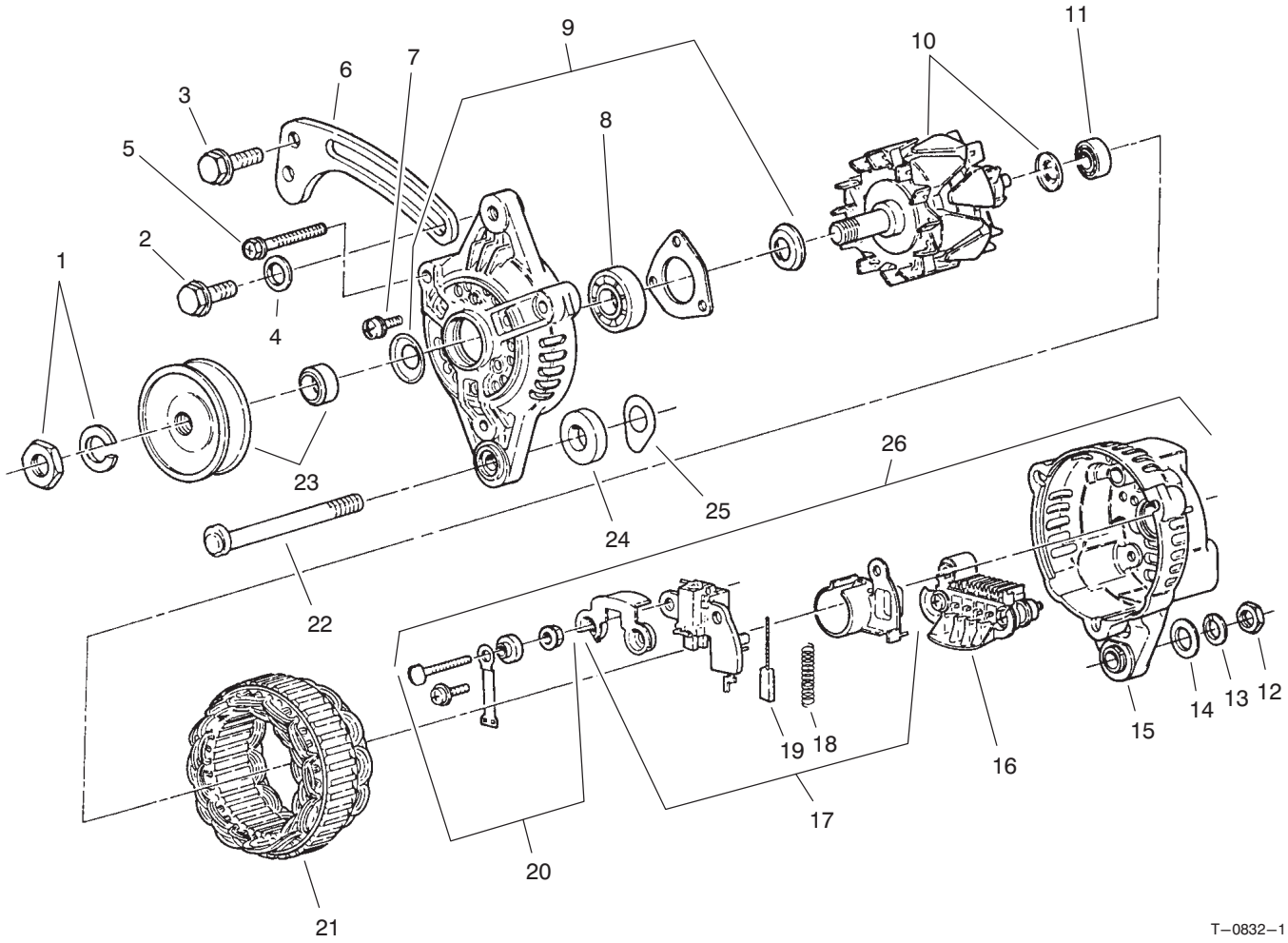
T–0831–2

STARTER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	56–1640	Stopper Set	1
2	67–4770	Pinion Set (Incl. Ref. #1)	1
3	56–1510	Screw – Set	2
4	67–4710	Front Bracket Assembly	1
5	67–4720	Lever Assembly	1
6	67–4730	Spring Set	1
7	67–4740	Center Bracket Assembly	1
8	67–4750	Switch Assembly	1
9	52–1570	Bolt Set	1
10	56–1680	Cover Set (Incl. Ref. #7)	1
11	56–1670	Gear	1
12	67–4790	Shaft Assembly	1
*	67–4780	Gear Set (Incl. Ref. #11–12)	1
*	67–4760	Clutch Shaft Assembly (Incl. Ref. #1–12)	1

Ref. No.	Part No.	Description	No. Used
13		Bolt – Engine Mounting	2
14	56–5610	Bolt	2
15	56–1720	Rear Bracket Assembly	1
16	56–1700	Holder Assembly (Incl. Ref. #17)	1
17	56–1710	Spring – Brush	4
18	67–4800	Yoke Assembly	1
19	56–1600	Bearing – Rear	1
20	56–1580	Armature Set (Incl. Ref. #19 & 21)	1
21	56–1590	Bearing – Front	1
*	67–4600	Starter Assembly (12V–1.6 Kw) (Incl. Ref. #1–21)	1

*Not Illustrated



ALTERNATOR ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	43–1920	Nut – Set	1
2	67–4660	Bolt – Flange	1
3	42–9440	Bolt w/Washer	1
4	54–8660	Washer – Flat	1
5	67–4820	Bolt Set	1
6	75–4940	Brace	1
7	67–4840	Screw Set	1
8	67–4850	Bearing – Front	1
9	67–4830	Front Bracket Assembly (Incl. Ref. #7 & 8)	1
10	67–4860	Rotor Assembly (Incl. Ref. #11)	1
11	67–4870	Bearing – Rear	1
12	67–4670	Nut	1
13	67–3260	Washer – Lock	1
14	42–9660	Washer – Flat	1

Ref. No.	Part No.	Description	No. Used
15	67–4890	Rear Bracket Assembly (Incl. Ref. #16–20)	1
16	67–4930	Rectifier Assembly	1
17	67–4910	Regulator Assembly (Incl. Ref. #18–19)	1
18	43–0510	Spring – Brush	2
19	67–4920	Brush	2
20	67–4900	Terminal Set	1
21	67–4880	Stator Assembly	1
22	67–4640	Bolt	1
23	67–4810	Pulley Set	1
24	67–4620	Spacer	1
25	43–0370	Shim	5
*	67–4630	Alternator Assembly (Incl. Ref. #1–25)	1

*Not Illustrated

TORO PART NUMBER INDEX

Part No.	Description	Pg. No.	Ref. No.	Qty.
3–3251	Spring	5	12	1
3–4324	Washer	28	38	1
3–6624	Spring	28	27	1
3–6657	Clip – Skid	27	33	1
3–7243	Spring – Return	5	20	2
4–2390	Washer	28	28	1
5–0652	Spacer	17	30	1
5–3637	Washer – Flat	27	38	1
5–7570	Washer	7	6	2
7–3900	Foot Pad – Brake	5	28	2
10–8110	Washer	25	10	5
12–5450	Screw – Thread Forming	14	15	8
14–7149	Hood Assembly	1	1	1
18–1520	Filter – Fuel	22	17	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	17	2
21 –9430	Spring – Shoe Return R.H.	16	18	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 Chg.	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	Ignition Switch Assembly	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 – Flanged Axle R.H.	16	*	1
27–6861	Shaft – Flanged Axle L.H.	16	1	1
27–7100	Air Cleaner Assembly	22	25	1
27–7110	Element Assembly	22	33	1
27–7120	Nut & Gasket Assembly	22	34	1
27–7130	Clamp Assembly	22	36	1
27–7140	Skirt – Baffle	22	35	1
27–7150	Cup Assembly	22	37	1
27–7160	Decal – Instructions	22	24	1
27–7170	Mounting Band Assembly	22	31	2
27–7180	Cap Assembly	22	20	1
27–7310	Decal – Over Fill Caution	1	16	1
27–9620	Screw – Cap Hex. Hd.	17	29	1
28–0670	Oil Seal	16	13	2
28–0680	Brake Drum	16	11	2
28–1280	Boot – Pos. 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 Chg.	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
28–3670	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 w/Bearing	27	5	1
37–9590	Spring – Compression	22	44	1
38–2670	Kit – Charge Pump	19	37	1
38–2680	Pin	19	32	1
42–6080	Shim – Axle	13	11	A/R
42–7080	Cap – Sealing	30	22	2
42–7190	Bushing – Knock	30	30	2
42–7210	Plug – Taper	35	13	1
42–7290	Gasket – Drain Plug	35	19	1
42–7290	Gasket – Oil Drain Plug	34	22	1
42–7510	Pipe	31	11	1
42–7840	Key – Sunk	33	4	1
42–7860	Lock – Retainer	33	20	12
42–7870	Seal – Valve Stem	33	24	6
42–8690	Metal – Sealing	38	7	1
42–8700	Wire	38	8	1
42–8830	O–Ring	38	23	1
42–9070	Pulley – Fan	27	2	1
42–9110	Gasket	31	27	1
42–9260	Plug – Oil Drain	34	23	1
42–9420	Bolt – Speed Set	38	9	1
42–9430	Bolt w/Washer	38	28	3
42–9440	Bolt w/Washer	38	3	4
42–9440	Bolt w/Washer	40	3	1
42–9440	Bolt w/Washer	35	7	7
42–9440	Bolt w/Washer	35	12	4
42–9490	Bolt w/Washer	33	1	1
42–9490	Bolt w/Washer	36	1	4
42–9490	Bolt w/Washer	34	21	18

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
42–9510	Bolt	33	13	1
42–9560	Stud	30	7	1
42–9570	Stud	31	26	4
42–9590	Nut – Connecting Rod	34	24	6
42–9640	Nut – Jam	38	17	1
42–9640	Nut –Jam	38	26	1
42–9650	Nut – Jam	30	27	1
42–9660	Washer – Flat	33	11	3
42–9660	Washer – Flat	37	11	1
42–9660	Washer – Flat	40	14	1
42–9850	Washer – Lock	17	19	2
42–9850	Washer – Lock	27	41	2
43–0370	Shim	40	25	5
43–0510	Spring – Brush	40	18	2
43–1910	Fan – Cooling	27	1	1
43–1920	Nut – Set	40	1	1
43–2550	Filter	23	82	1
43–2560	Gasket	23	83	1
43–2570	Gasket	23	81	1
43–2580	Magnet	23	84	1
43–2710	O–Ring	30	4	1
43–2710	O–Ring	36	6	2
43–4031	Cable – Battery Pos.	9	62	1
43–4031	Wire – Positive	4	1	1
43–5320	Pulley – PTO	8	17	1
43–5920	Washer – Lock	27	39	1
43–5970	Nut – Hex.	27	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
43–6810	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	Seat Switch Assembly	23	*	1
44–2230	Coupling – Rubber	17	16	2
44–8320	Spring	29	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	41	1
46–6560	Bushing	13	40	1
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
48–8030	Washer – Flat	28	44	1
48–9460	Screw	28	45	1
48–9460	Screw – Cap Hex. Hd.	17	20	2
48–9590	Washer – Lock	28	12	10
48–9590	Washer – Lock	27	15	8
49–7820	Variable Swashplate	19	13	1
49–7830	Check Valve Assembly	19	22	2
49–8200	Shaft – Motor	19	47	1
51–3150	Shim	21	24	1
52–1570	Bolt Set	39	9	1
52–2340	Spacer	27	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	28	2	1
53–8150	Pump – Fuel	22	40	1
53–8680	Hub – Fan	27	3	1
54–7950	Drive Shaft Assembly	9	*	1
54–8660	Washer – Flat	40	4	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	Cap – Expansion	30	3	3
56–0020	Plug – Expansion	31	22	1
56–0480	Key – Woodruff	33	6	1
56–0480	Key – Woodruff	34	25	2
56–1060	Ring – Retaining	33	31	1
56–1510	Screw – Set	39	3	2
56–1580	Armature Set	39	20	1
56–1590	Bearing – Front	39	21	1
56–1600	Bearing – Rear	39	19	1
56–1640	Stopper Set	39	1	1
56–1670	Gear	39	11	1
56–1680	Cover Set	39	10	1
56–1700	Holder Assembly	39	16	1
56–1710	Spring – Brush	39	17	4
56–1720	Rear Bracket Assembly	39	15	1
56–2460	Washer – Flat	25	48	A/R
56–5610	Bolt	39	14	2
57–6390	Nut – Hex.	27	42	2
58–6320	Wiper – Seal	11	1	1
58–6400	Bushing	11	5	1
58–6420	Cap Assembly	11	8	1
58–6450	O–Ring	11	2	2
58–6460	Ring – Retaining	11	9	1
59–9740	Flex. Draw Latch Assembly	2	47	1
62–5550	Decal – TORO	2	37	1
62–7020	Wheel & Tire Assembly	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	22	1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
63–6030	Hub – Clutch	28	32	1
63–6050	Clutch – Electric	28	40	1
63–6150	Radiator Assembly	12	27	1
63–6180	Brake Pedal Assy. L.H.	5	26	1
63–6190	Brake Pedal Assy. R.H.	5	29	1
63–6210	Pin – Brake	5	22	1
63–6240	Belt – PTO	8	18	1
63–6250	Shaft – Tension, PTO	28	34	1
63–6290	Pin – Tension	28	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	28	1
63–6510	Shroud – Fan	12	19	1
63–6610	Drive Shaft	17	17	1
63–6630	Cylinder – Lift	10	31	2
63–6690	Lever – Anchor, Clutch	28	42	1
63–6720	Lever – Idler	27	24	1
63–6750	Link – Brake Cable	5	19	2
63–6760	Swivel – Cable, Throttle	27	14	1
63–6760	Throttle Cable Swivel Assy.	9	*	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
63–7140	Mount – Shock (Blue)	8	43	3
63–7141	Mount – Shock (Red)	8	8	1
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
63–7380	Tank – Expansion	27	11	1
63–7400	Washer – Rebound	8	42	4
63–7410	Bracket – Bulkhead	10	37	1
63–7430	Gage – Temperature	3	15	1
63–7590	Relay	22	47	1
63–7630	Hose	13	4	1
63–7640	Sender – Fuel	13	3	1
63–7700	Screen Frame Assembly	12	1	1
63–7710	Magnetic Strip	12	2	1
63–7730	Cable – Brake R.H.	5	16	1
63–7731	Cable – Brake L.H.	5	*	1
63–7790	Screw	28	13	10
63–7790	Screw	27	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	Lift Valve Assembly	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	27	28	1
63–8150	Key	28	41	1
63–8230	Angle – Anchor, Clutch	28	16	2
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	Plug Assembly	11	13	1
65–2950	Spring	11	7	1
65–5100	Handle – Hood	1	2	1
66–1930	Nut – Lock	26	6	1
66–1940	Piston	26	5	1
66–2320	Mount – Engine	27	19	1
66–2330	Base – Battery	8	6	1
66–2360	Support – Muffler	28	6	1
66–2440	Plate – Reservoir	27	10	1
66–2451	Bracket – Air Cleaner	22	29	2
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	26	1	1
66–2800	Rod – Seat Support	22	10	1
66–2870	Cable – Hood Stop	2	45	1
66–2870	Cable – Stop, Hood	28	8	1
66–2900	End – Tie Rod	28	20	1
66–2910	Bumper – Rubber	28	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	36	1
66–3100	Screw	28	29	1
66–3110	Hyd. Fitting	17	9	2
66–3130	Fitting – Hydraulic Tee	10	12	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
66–8140	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	Hose	20	3	1
66–8190	Hydraulic Hose Assembly	10	25	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	31	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	Hose	20	4	1
66–8640	Hydraulic Hose Assembly	10	33	1
66–8690	Lamp Harness Assembly	4	4	1
66–8750	Decal – Control Levers	23	56	1
66–8760	Decal – Tower L.H.	2	33	1
66–8770	Decal – Tower R.H.	2	*	1
66–9970	Spring Kit	6	*	1
66–9980	Seal Kit	6	*	1
66–9990	Needle Roller Kit	6	*	1
67–1631	Spacer	28	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

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
67–1800	Plate – Pivot	28	37	1
67–1900	Screw – Cap Hex. Hd.	17	43	1
67–2200	Gasket – Oil Pan	34	18	1
67–2200	Slide – Seal	34	17	4
67–2230	Seal – Oil	30	19	1
67–2250	Bolt – Bearing Cap	34	19	1
67–2260	Shaft – Idler	30	29	1
67–2270	Case – Oil Seal	30	18	1
67–2280	Gasket – Case	30	20	1
67–2310	Plate – Front	35	5	1
67–2320	Gasket – Front Plate	35	6	1
67–2330	Bolt	36	4	6
67–2330	Bolt	30	17	6
67–2330	Bolt	31	41	2
67–2340	Bolt w/Washer	35	4	3
67–2340	Bolt w/Washer	31	25	2
67–2350	Plug – Expansion	30	21	1
67–2360	Bushing – Knock	30	24	2
67–2370	Bushing – Knock	30	28	1
67–2380	Bushing – Knock	30	23	3
67–2390	Plug – Taper	30	8	1
67–2400	Bearing Set Crankshaft Std.	34	15	1
67–2410	Bearing Set Crankshaft 0.25	34	*	1
67–2420	Bearing Set Crankshaft 0.50	34	*	1
67–2430	Bracket – Starter	30	10	1
67–2440	Bolt w/Washer	30	11	3
67–2470	Oil Pan Assembly	34	20	1
67–2500	Plunger – Relief	35	17	1
67–2510	Spring – Relief	35	18	1
67–2520	Plug	35	20	1
67–2530	Gear – Inner, Oil Pump	35	11	1
67–2540	Gear – Outer, Oil Pump	35	10	1
67–2550	Housing – Oil Pump	35	9	1
67–2560	Bolt w/Washer	35	8	3
67–2570	Plug – Taper	35	22	1
67–2570	Plug – Taper	31	23	1
67–2580	Gasket – Gear Case	35	2	1
67–2590	Seal – Oil	35	16	1
67–2600	Bolt	35	14	3
67–2600	Bolt	36	21	1
67–2610	Bolt	35	15	4
67–2610	Bolt	36	27	2
67–2620	Bolt	35	21	1
67–2620	Bolt	31	43	1
67–2630	O–Ring	35	3	2
67–2640	Cap – Sealing	35	23	1
67–2650	Oil Filter Cap Assembly	35	25	1
67–2660	O–Ring	35	24	1
67–2680	Hanger – Engine	31	24	2
67–2700	Guide – Valve	31	19	6
67–2710	Cap – Sealing	31	21	3
67–2710	Cap – Sealing	31	39	1
67–2720	Gasket – Cylinder Head	31	33	1
67–2730	Bolt – Cylinder Head	31	36	8
67–2740	Bolt – Flange	31	20	3
67–2760	Gasket – Rocker Arm Cover	31	18	1
67–2770	Nut – Cap	31	14	2
67–2780	Washer – Flat	31	15	2
67–2790	Ring Set – Piston, Std.	34	11	3
67–2800	Ring Set – Piston, 0.25 OS	34	*	3
67–2810	Ring Set – Piston, 0.50 OS	34	*	3
67–2850	Connecting Rod Assembly	34	8	34
67–2860	Bolt – Connecting Rod	34	9	6
67–2880	Bearing Set	34	7	3
67–2890	Bearing Set	34	*	3
67–2900	Bearing Set	34	*	3
67–2910	Gear – Crankshaft	34	5	1
67–2930	Pulley – Crankshaft	34	4	1
67–2940	Nut – Jam	34	1	1
67–2950	Washer – Flat	34	3	1
67–2960	Washer – Spring	34	2	1
67–2970	Flywheel Assembly	34	13	1
67–2980	Gear – Ring	34	14	1
67–2990	Bolt – Flywheel	34	12	4
67–3000	Washer – Camshaft Stopper	33	2	1
67–3010	Camshaft	33	28	1
67–3020	Gear – Camshaft	33	29	1
67–3030	Bearing – Ball	33	3	2
67–3040	Spacer	33	30	1
67–3070	Gear – Fuel Injection Pump	33	33	1
67–3090	Idler Gear Assembly	33	32	1
67–3100	Retainer – Valve Spring	33	21	6
67–3110	Spring – Valve	33	23	6
67–3120	Tappet	33	25	6
67–3130	Valve – Intake	33	27	3
67–3140	Valve – Exhaust	33	26	3
67–3150	Rod – Push	33	22	6
67–3160	Arm – Rocker	33	15	6
67–3170	Spring – Rocker Shaft	33	14	2
67–3180	Cap – Valve Stem	33	19	6
67–3190	Rocker Shaft Assembly	33	10	1
67–3200	Stay – Rocker	33	7	3
67–3210	Screw – Adjusting	33	18	6
67–3220	Pin – Grooved	33	9	1
67–3230	Nut – Jam	33	17	6
67–3240	Ring – Retaining	33	8	2
67–3250	Bolt – Rocker Stay	33	16	2
67–3260	Washer – Lock	40	13	1
67–3260	Washer – Spring	37	10	1
67–3260	Washer – Spring	33	12	3
67–3260	Washer – Spring	38	16	1
67–3260	Washer – Spring	38	25	1
67–3990	Speed Cont. Lever Assy.	38	18	1
67–4000	Pin – Grooved	38	19	2
67–4050	Shaft – Governor	38	32	1
67–4120	Pin – Grooved	38	13	1
67–4160	Gasket – Cover, Governor	38	22	1
67–4180	Nut	37	9	1
67–4230	Cover – Governor	38	21	1
67–4250	Cover – Tie Rod	38	2	1
67–4270	Bolt	38	20	4
67–4290	Nut	31	6	2
67–4290	Nut	38	10	1
67–4300	Ring – Retaining	31	8	2
67–4310	Gasket – Cover, Tie Rod	38	1	1
67–4330	Oil Filter Assembly	30	31	1
67–4340	Oil Screen Assembly	30	26	1
67–4350	Switch – Oil Pressure	36	26	1
67–4360	Pulley – Water Pump	36	2	1
67–4380	Water Pump Assembly	36	22	1
67–4390	Gasket – Water Pump	36	23	1
67–4400	Bolt	36	20	1
67–4400	Bolt	31	46	1
67–4410	V–Belt	36	28	1
67–4420	Fitting – Water Outlet	36	13	1
67–4430	Gasket – Fitting, Water Out.	36	12	1
67–4440	Thermostat	36	11	1
67–4450	Fitting – Thermostat	36	5	1
67–4460	Gasket – Fitting, Thermostat	36	19	1
67–4470	Bolt	36	3	1
67–4490	Gasket – Switch	36	17	1
67–4500	Switch – Temp. Shut–Down	36	18	1
67–4510	Gauge – Water Temperature	36	10	1
67–4550	Gasket – Intake Manifold	31	37	1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
67–4560	Manifold – Exhaust	31	28	1
67–4570	Gasket – Exhaust Manifold	31	34	1
67–4580	Bolt	31	29	2
67–4590	Bolt	31	31	4
67–4600	Starter Assembly	39	*	1
67–4620	Spacer	40	24	1
67–4630	Alternator Assembly	40	*	1
67–4640	Bolt	40	22	1
67–4660	Bolt – Flange	40	2	1
67–4670	Nut	40	12	1
67–4710	Front Bracket Assembly	39	4	1
67–4720	Lever Assembly	39	5	1
67–4730	Spring Set	39	6	1
67–4740	Center Bracket Assembly	39	7	1
67–4750	Switch Assembly	39	8	1
67–4760	Clutch Shaft Assembly	39	*	1
67–4770	Pinion Set	39	2	1
67–4780	Gear Set	39	*	1
67–4790	Shaft Assembly	39	12	1
67–4800	Yoke Assembly	39	18	1
67–4810	Pulley Set	40	23	1
67–4820	Bolt Set	40	5	1
67–4830	Front Bracket Assembly	40	9	1
67–4840	Screw Set	40	7	1
67–4850	Bearing – Front	40	8	1
67–4860	Rotor Assembly	40	10	1
67–4870	Bearing – Rear	40	11	1
67–4880	Stator Assembly	40	21	1
67–4890	Rear Bracket Assembly	40	15	1
67–4900	Terminal Set	40	20	1
67–4910	Regulator Assembly	40	17	1
67–4920	Brush	40	19	2
67–4930	Rectifier Assembly	40	16	1
67–7050	Field Rotor Assembly	29	1	1
67–7060	Ring – Retaining	29	8	1
67–7070	Arm. & Pulley Assembly	29	5	1
67–7080	Collar – Bearing	29	6	1
67–7090	Bearing – Pulley	29	7	1
67–7100	Plate – Brake	29	11	1
67–7120	Link – Fusible	4	5	1
67–7160	Fuse Block	22	1	1
67–7250	Spacer Cyl.	25	39	1
67–7300	Screw Hex Hd.	25	36	1
67–7380	Reservoir Tank Assembly	36	25	1
67–9410	Washer – Flat	25	52	1
68–5140	Steering Wheel Cap Assy.	5	7	1
68–5370	Decal – Toro	5	40	1
68–7380	Connector Assembly	4	10	1
68–9400	Nut – Hex	28	5	4
68–9960	Engine	27	18	1
69–4780	Clamp – Gauge	3	18	1
70–7530	Spring – Compression	10	3	1
70–8880	Guide – Oil Level Gauge	30	2	1
71–1460	Bracket – Clamp	27	49	1
71–1520	Cap – Reservoir	27	44	1
71–1520	Reservoir Cap Assembly	36	24	1
71–1540	Tube – Vent	12	20	1
71–2890	Control – Choke	3	11	1
71–2901	Chamber– Induction	27	50	1
71–2910	Angle – Mount, Engine	27	17	1
71–2980	Bracket – Coil	27	30	1
71–3380	Hose	22	42	1
71–3380	Hose – Fuel	13	37	1
71–3381	Hose	22	19	1
71–3382	Hose – Fuel	22	50	1
71–3384	Hose	12	9	1
71–3470	Hose – Air Cleaner Inlet	22	21	1
71–3490	Panel – Control	3	1	1
71–3500	Lever – Throttle	9	55	1
71–3520	Decal – Service	1	18	1
71–3530	Hose – Carburetor	27	53	1
71–3730	Decal – Gas	22	16	1
71–4540	Washer – Thrust	25	2	1
72–4320	Switch	23	57	1
72–6000	Cylinder Block Assembly	30	*	1
72–6010	Sleeve	30	9	1
72–6030	Bracket – Oil Filter	30	34	1
72–6040	Gasket – Oil Filter Bracket	30	33	1
72–6050	Cylinder Head Assembly	31	35	1
72–6070	Separator – Oil	31	17	1
72–6090	Intake Cover Assembly	31	40	1
72–6110	Joint	31	38	1
72–6120	Joint	31	42	1
72–6130	Cover – Distributor	31	48	1
72–6140	Cover – Alternator	31	32	1
72–6150	Stud	31	44	2
72–6160	Piston & Pin Set. Std.	34	10	3
72–6170	Piston & Pin Set 0.25 OS	34	*	3
72–6180	Piston & Pin Set 0.50 OS	34	*	3
72–6190	High Tension Cable Assy.	37	7	1
72–6200	Shaft – Distributor	33	5	1
72–6210	Washer	31	7	2
72–6220	Rod – Link	31	2	1
72–6230	Gasket – Intake Pipe	31	3	1
72–6240	Gasket – Carburetor	31	45	1
72–6250	Pipe – Intake	31	4	1
72–6260	Carburetor Assembly	31	1	1
72–6260	Carburetor Assembly	32	33	1
72–6270	Screw	32	8	2
72–6280	Valve – Throttle	32	7	1
72–6290	Throttle Shaft Assembly	32	9	1
72–6300	Spring	32	6	1
72–6310	Ring	32	5	1
72–6320	Seal	32	4	1
72–6330	Screw	32	10	2
72–6340	Valve – Choke	32	13	1
72–6350	Choke Lever Assembly	32	12	1
72–6360	Bolt	32	11	1
72–6370	Ring	32	14	1
72–6380	Ring	32	15	1
72–6390	Spring	32	16	1
72–6400	Cap	32	17	1
72–6410	Seal	32	18	1
72–6420	Jet – Pilot (40)	32	3	1
72–6430	Nozzle – Main	32	31	1
72–6440	Nozzle	32	30	1
72–6450	Needle Assembly	32	22	1
72–6460	Clip	32	23	1
72–6470	Float Assembly	32	24	1
72–6480	Pin	32	19	1
72–6490	Jet – Main Air (2.0)	32	20	1
72–6500	Jet – Pilot Air (1.2)	32	34	1
72–6510	Gasket	32	21	1
72–6520	Float Body Assembly	32	25	1
72–6530	Gasket	32	29	1
72–6540	Bolt	32	28	1
72–6550	Stop – Spring	32	26	1
72–6560	Screw	32	27	1
72–6570	Spring	32	2	2
72–6580	Adjuster Assembly	32	1	1
72–6590	Clip – Spring	32	37	1
72–6600	Hose	32	35	1
72–6610	Screw	32	36	1
72–6620	Plug	38	35	1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
72–6630	Lever – Spring, Governor	38	24	1
72–6640	Governor Lever Assembly	38	31	1
72–6650	Jet – Main	32	32	1
72–6660	O–Ring	38	11	1
72–6670	Bushing	38	12	1
72–6690	Inner Lever Assembly	38	27	1
72–6700	Lever – Throttle	38	15	1
72–6710	Seal – Dust	38	14	1
72–6720	Governor Weight Assembly	38	29	1
72–6730	Sliding Shaft Assembly	38	30	1
72–6740	Pipe – Bypass	36	7	1
72–6750	Distributor Assembly	37	12	1
72–6760	Cap Assembly	37	21	1
72–6770	Rotor Assembly	37	20	1
72–6780	Gasket	37	19	1
72–6790	Cover	37	18	1
72–6800	Igniter Set w/Screws	37	17	1
72–6810	Pick Up Set w/Screws	37	16	1
72–6820	Housing Set	37	14	1
72–6830	O–Ring	37	13	1
72–6840	Screw Set – Distributor	37	*	1
72–6850	Lead Wire Set w/Screws	37	15	1
72–6860	Cover	38	5	1
72–6870	Gasket – Cover	38	4	1
72–6880	Ignition Coil Assembly	37	8	1
72–6890	Cable Assembly	37	1	1
72–6900	Cable Assembly	37	2	1
72–6910	Cable Assembly	37	4	1
72–6920	Kit – Gasket	30	*	1
72–6940	Joint – Water Drain	30	6	1
72–6950	Retainer – Gauge Guide	30	5	1
72–6970	Gauge – Oil Level	30	1	1
72–6980	Bolt	30	35	3
72–6990	O–Ring	30	32	1
72–7000	Washer – Lock	31	5	2
72–7020	Cover – Starter	31	30	1
72–7030	Gasket	38	36	1
72–7040	Bushing	38	34	1
72–7050	Spring – Governor	38	33	1
72–7070	Bolt w/Washer	38	6	4
72–7080	Clip – Hose	36	8	4
72–7090	Hose – Fuel	36	9	1
72–7100	Bolt	36	16	1
72–7100	Bolt	31	47	2
72–7110	Clip	36	15	1
72–7120	Hose – Fuel	36	14	1
72–7130	Spark Plug Assy. (BP4ES)	37	6	3
72–7140	Clip – Hose	37	5	1
72–7150	Clamp – Emission Hose	37	3	1
72–7160	Clip – Hose	31	10	2
72–7170	Pipe – Air Breather	31	9	1
72–9420	Assembly – Vent	15	40	1
74–0720	Tube – Manual	24	1	1
75–0560	Steering Wheel Assembly	5	6	1
75–4920	Gear Case Sub Assembly	35	1	1
75–4940	Brace	40	6	1
75–6880	Screen – Spark Arrester	28	*	1
76–1000	Cable – Throttle	9	59	1
76–2070	Cylinder – Steering	25	40	1
76–2080	Assembly – Piston Rod	26	4	1
76–2090	Kit – Seal	26	2	1
76–2790	Gland	26	3	1
76–2970	Bushing	25	55	2
76–2980	Washer – Thrust	25	54	1
76–3000	Axle Assembly	25	37	1
76–3080	Lift Arm – R.H.	13	*	1
76–3090	Lift Arm – L.H.	13	30	1
76–4790	Pad – Rubber	1	11	1
76–4810	Steering Pivot Assembly	25	28	1
76–4830	Rod – Tie	10	18	1
76–4860	Muffler	28	3	1
76–8750	Plate – Warning	12	12	1
77–0550	Tube – Fill	15	44	1
80–3330	Gasket	22	27	1
82–8530	Fitting	17	26	1
82–8950	Foam	2	51	2
84–1870	Bracket	27	23	1
84–1940	Hub	27	7	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	PTO Switch Assembly	3	3	1
85–7550	Wire Harness Assembly	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
86–7930	Upper Housing Assembly	14	22	1
86–9640	Axle Assembly	13	34	1
92–0845	Crankshaft	34	6	1
92–0846	Rocker Arm Cover Assy.	31	16	1
92–0847	Oil Fill Cap Assembly	31	12	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
92–5088	Fitting – 45°	15	30	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
92–5540	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	Clamp – R	9	76	1
92–5757	Radiator Support Assembly	12	5	1
92–5759	Plate – Seat	22	9	1
92–5772	Decal – Traction Pedal	2	38	1
92–6500	Frame Assembly	2	35	1
92–6501	Tool Box Assembly	1	19	1
92–7308	Power Steering Valve Assy.	5	3	1
92–7310	Bolt – Special	6	36	4
92–7314	Column Assembly	6	*	1
92–7315	Seal	6	28	1
92–7316	Nut – Push On	6	38	1
92–7317	Foam	6	39	1
92–7892	Bracket – Seat Switch	23	51	1
92–7895	Frame – Seat	23	55	1
92–8751	Bracket – PTO Bearing	8	26	1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
92–8775	Kit – Liquid Gasket	16	*	1
92–8798	Decal – Warning	1	17	1
92–8799	Bearing	28	33	1
92–8799	PTO Shaft Bearing Assy.	8	23	1
92–8854	Bracket – Pivot	7	7	1
92–8855	Shaft – PTO	8	20	1
92–8874	Tank – Fuel	13	39	1
92–8879	Belt – Fan	27	29	1
92–9786	Carrier Bracket	13	31	2
92–9788	Pivot Pin Assembly	13	25	2
93–0307	Nut – Lock, Retainer	25	57	2
93–0309	Washer – Tab	25	22	2
93–3101	Cap – Fuel	13	8	1
93–3187	Decal – GM 224	1	5	2
93–3192	Decal – Hood R.H.	1	*	1
93–3193	Decal – Hood L.H.	1	7	1
93–3195	Spindle – Wheel L.H.	25	17	1
93–3196	Spindle – Wheel R.H.	25	35	1
93–4133	Lip Seal	19	9	1
93–7416	Insert – Shield, Dust	16	20	2
93–9991	Bracket	28	10	1
94–2975	Shaft – Seal	19	34	1
94–2976	Ring – Retaining	19	50	1
94–3307	Pad – Traction Pedal Front	7	1	1
94–3308	Pad – Traction Pedal Rear	7	3	1
94–3591	Pedal – Traction	7	2	1
94–6934	Screw – Cap Hex. Hd.	16	21	8
94–6935	Nut – Lock, Flange Hd.	16	12	8
94–6936	Washer – Flat	16	23	8
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
218–573	Fuse 5.0 Amp	4	7	1
218–576	Nut – Hex.	3	4	1
218–578	Fuse 10.0 Amp	4	6	1
219–17	Bulb – Light	4	9	3
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	5	38	2
237–22	Seal – O–Ring	10	11	7
237–22	Seal – O–Ring	10	28	2
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	13	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	9	1
2412–36	Clamp – Hose	10	13	3
2412–42	Clamp – Hose	22	22	1
2412–58	Clamp	27	48	2
2412–92	Clamp	27	51	2
2412–92	Clamp – Hose	23	73	1
2412–96	R–Clamp	13	6	1
2412–96	R–Clamp	23	52	1
2412–103	R–Clamp	12	23	2
2412–104	R–Clamp	8	12	1
2412–106	R–Clamp	37	23	1
2412–107	R–Clamp	23	71	1
2412–108	Clamp	13	42	4
2412–108	Clamp – Hose	12	7	2
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
251–77	Collar – Locking	28	52	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	28	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
283–58	Pin – Clevis	28	48	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	28	1	1
302–5	Fitting – Grease	25	11	3
302–5	Fitting – Grease	5	30	2
302–40	Fitting – Grease	28	47	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	29	1
304–99	Fitting – Hydraulic 90˚	10	27	2
321–3	Screw – Cap Hex. Hd.	1	4	7
321–3	Screw – Cap Hex. Hd.	28	14	2
321–3	Screw – Cap Hex. Hd.	5	21	1
321–3	Screw – Cap Hex. Hd.	27	37	4
321–4	Screw – Cap Hex. Hd.	25	8	1
321–4	Screw – Cap Hex. Hd.	8	9	2
321–4	Screw – Cap Hex. Hd.	22	12	3
321–4	Screw – Cap Hex. Hd.	12	16	4
321–4	Screw – Cap Hex. Hd.	21	21	2
321–4	Screw – Cap Hex. Hd.	27	35	3
321–4	Screw – Cap Hex. Hd.	10	38	2
321–4	Screw – Cap Hex. Hd.	2	54	2

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
321–5	Screw – Cap Hex. Hd.	13	15	3
321–6	Screw – Cap Hex. Hd.	23	69	2
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 – Cap Hex. Hd.	27	6	2
322–5	Screw – Cap Hex. Hd.	24	3	2
322–5	Screw – Cap Hex. Hd.	5	4	2
322–5	Screw – Cap Hex. Hd.	13	5	1
322–5	Screw – Cap Hex. Hd.	22	32	5
322–5	Screw – Cap Hex. Hd.	8	39	15
322–6	Screw – Cap Hex. Hd.	28	46	1
322–9	Screw – Cap Hex. Hd.	8	34	4
322–11	Screw – Cap Hex. Hd.	27	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.	27	25	1
323–8	Screw – Cap Hex. Hd.	27	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.	28	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	27	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	28	25	1
3216–3	Screw – Cap Hex. Hd.	10	32	2
3217–5	Nut – Hex.	27	47	1
3217–16	Nut – Hex.	21	11	2
3217–26	Nut – Hex.	27	56	1
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	32	4
3220–2	Nut – Jam	28	21	1
3220–2	Nut – Jam R.H.	10	21	1
3220–3	Nut – Jam	3	13	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	25	23	2
3220–7	Nut– Jam	18	50	1
3220–12	Nut – Jam L.H.	25	31	2
3230–2	Bolt – Carriage	27	13	1
3230–2	Bolt – Carriage	7	25	2
3230–2	Carriage – Bolt	21	12	2
3230–4	Bolt – Carriage	28	31	2
3230–4	Bolt – Carriage	9	67	2
3230–23	Bolt – Carriage	27	9	2
3230–23	Bolt – Carriage	1	28	4
3234–5	Screw – Flange	12	8	8
3234–13	Screw – Flange	9	74	2
3234–13	Screw – Flange Hd.	25	12	2
3234–13	Screw – Flange Hd.	1	24	8
3234–14	Screw – Flange Hd.	1	21	8
3234–17	Screw – Flange	12	4	2
3234–17	Screw – Flange	22	15	2
3234–25	Screw – Flange	25	1	4
3234–29	Screw – Cap Hex. Flange	28	7	1
3241–6	Screw – Set	17	13	2
3246–1	Screw – Set	8	21	1
3246–2	Screw – Set	28	51	1
3249–3	Screw – Round Hd.	12	36	2
3249–11	Screw – Round Hd.	21	8	2
3250–39	Screw – Pan Head	28	18	2
3253–2	Washer – Lock	27	52	2
3253–3	Washer – Lock	10	8	2
3253–3	Washer – Lock	8	10	2
3253–3	Washer – Lock	22	13	2
3253–3	Washer – Lock	13	14	3
3253–3	Washer – Lock	27	36	5
3253–4	Washer – Lock	8	38	4
3253–8	Washer – Lock	13	17	4
3253–15	Washer – Lock	13	2	5
3253–21	Washer – Lock	3	12	1
3253–21	Washer – Lock	21	13	2
3253–21	Washer – Lock	8	15	3
3253–21	Washer – Lock	17	31	4
3254–9	Washer – Lock, Int. Tooth	21	10	2
3255–8	Washer – Lock	14	3	8
3255–8	Washer – Lock	1	12	4
3255–8	Washer – Lock, Ext. Tooth	22	39	1
3255–8	Washer – Lock, Ext. Tooth	8	46	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	7
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	28	19	4
3256–23	Washer – Flat	27	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	28	22	2
3256–24	Washer – Flat	3	22	1
3256–24	Washer – Flat	27	27	1
3256–24	Washer – Flat	17	44	1
3256–24	Washer – Flat	25	56	2
3256–25	Washer – Flat	13	26	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
3256–67	Washer – Flat	13	12	3
3256–69	Washer – Flat	22	23	1
3256–69	Washer – Flat	5	45	A/R
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

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
3269–10	Washer – Flat	12	30	3
3269–13	Rivet	12	26	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	10	39	1
3272–10	Pin – Cotter	2	46	1
3272–10	Pin – Cotter	28	49	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	33	2
3272–23	Pin – Cotter	10	29	4
3273–38	Screw – Socket Hd.	13	35	4
3274–32	Screw – Hex. Hd. Socket	1	13	4
3274–64	Screw – Socket 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
3290–360	Screw – Cap Hex. Hd.	27	32	4
3290–378	Tie – Cable	23	61	1
3290–378	Tie – Cable	9	75	1
3296–2	Nut – Lock	27	46	4
3296–6	Nut – Lock	29	9	3
3296–9	Nut –Lock	28	15	2
3296–12	Nut – Hex.	2	49	4
3296–12	Nut – Lock	3	19	1
3296–12	Nut – Lock	22	49	2
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	5	10	2
3296–29	Nut – Lock	27	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	28	9	1
3296–39	Nut – Lock	7	21	1
3296–39	Nut – Lock	27	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	5
3296–42	Nut – Lock	25	5	1
3296–42	Nut – Lock	12	11	4
3296–42	Nut – Lock	28	11	2
3296–42	Nut – Lock	5	25	1
3296–42	Nut – Lock	10	34	2
3296–42	Nut – Lock	27	54	2
3296–48	Nut – Lock	13	16	4
3296–51	Nut – Lock	25	29	1
3296–59	Nut – Lock	28	23	1
32105–1	Screw	3	17	1
32105–8	Screw	27	45	2
32105–13	Screw – Cap Hex. Hd.	22	2	2
32105–13	Screw – Cap Hex. Hd.	27	55	1
32107–11	Nut – Square	22	28	2
32120–10	Ring – Retaining	27	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	28	39	1
32121–34	Pin – Roll	8	33	1
32121–49	Pin – Spring	13	43	2
32121–50	Pin – Roll	5	24	1
32121–50	Pin – Roll	7	32	1
32121–71	Pin – Spring	13	44	2
32121–77	Ring – Retaining	25	53	1
32121–91	Pin	19	14	3
32122–24	Screw – Machine	13	1	5
32128–20	Nut – Flange	27	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	13	7	1
32128–20	Nut – Lock, Whiz	12	3	6
32128–25	Nut – Lock, Flange Hd.	28	50	1
32128–33	Nut – Flange	8	13	1
32128–33	Nut – Flange	23	76	3
32128–33	Nut – Flange Hd.	1	6	13
32128–44	Nut – Flange, Lock	7	28	2
32128–45	Nut – Lock, Flange	25	49	1
32128–56	Nut – Flange	7	24	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	23	80	2
32149–1	Nut – Keps	28	35	2
32149–1	Nut – Lock	9	65	2
32151–36	Ring – Retaining	25	15	2
32151–46	Ring – Retaining	19	1	2
32151–83	Ring – Retaining	28	24	2
32152–5	Nut – Lock	17	14	6
32153–6	Nut – Hex Lock	25	38	1
340–2	Fitting – Hydraulic Straight	10	10	1
340–70	Nut – Fitting	10	35	1
340–71	Fitting – Hydraulic Bulkhead	10	36	1
340–77	Fitting – Hydraulic 90˚	10	*	1
340–77	Fitting – Hydraulic 90˚	10	17	2
340–86	Fitting – Hydraulic Tee	10	26	1
340–92	Fitting – Straight	25	46	1
340–103	Fitting – Hydraulic 45˚	25	44	1
353–508	Plug Assembly	11	14	1
353–536	Fitting – 90˚	13	10	1
353–979	Hose Barb	17	8	1
353–988	Plug – Hydraulic	18	55	1
353–990	Plug – Hydraulic	18	56	1
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 224 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 224, 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 224.
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								

MAINTENANCE RECORD

Date								