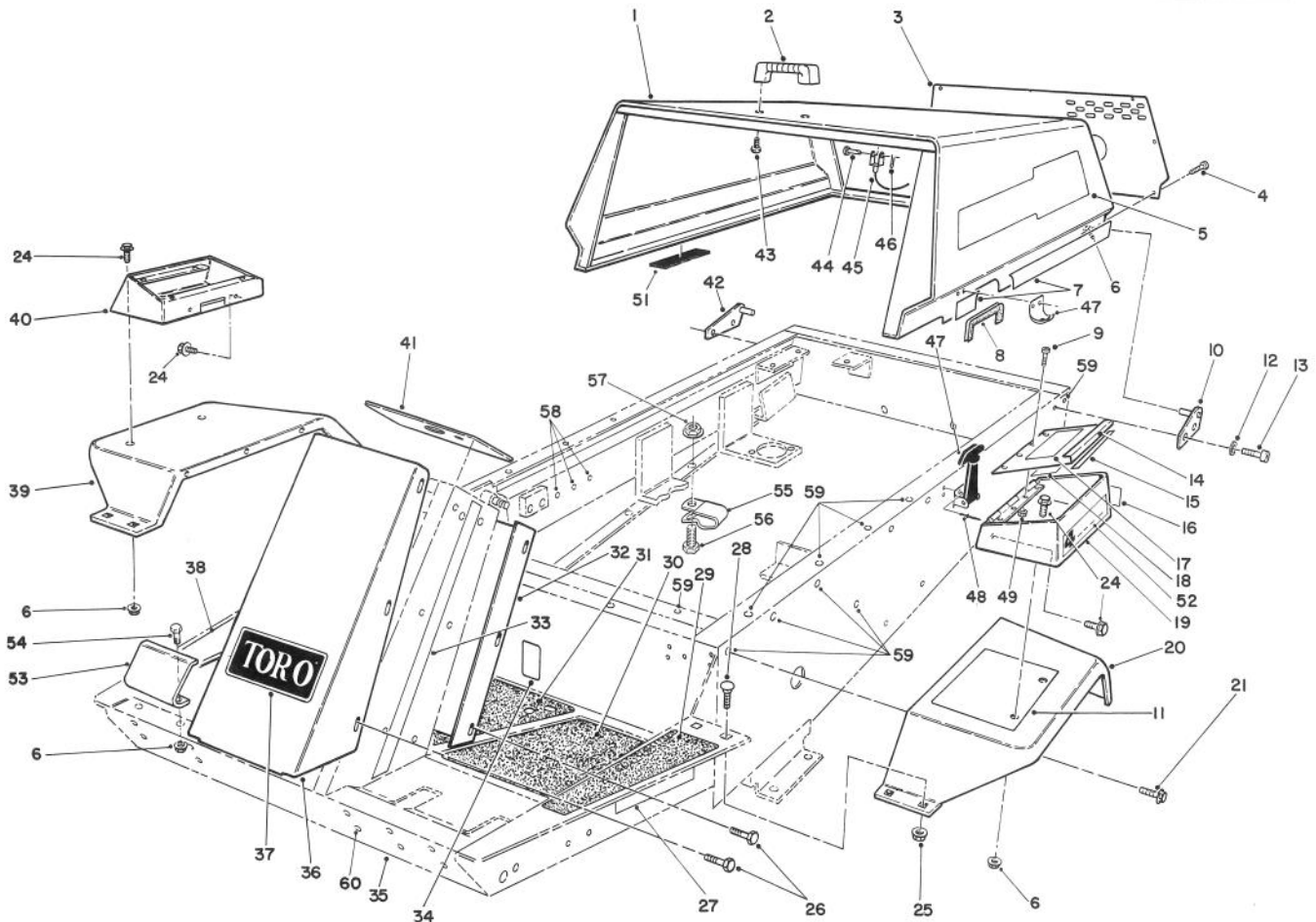




MODEL NO. 30243-40001 & UP

PARTS
CATALOGGROUNDMASTER® 223-D 4wd
TRACTION UNIT

T-1817

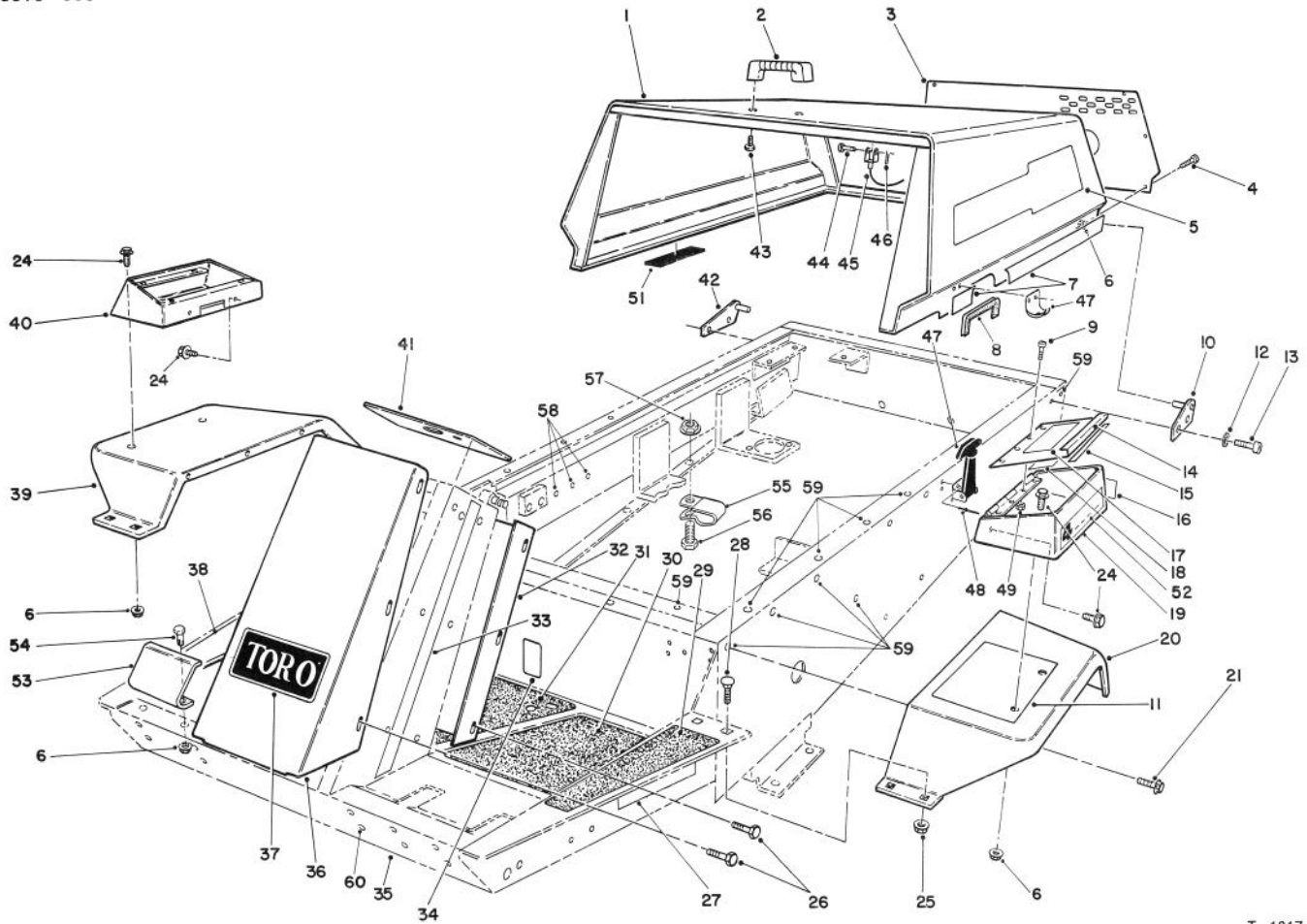
BODY ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	14-7149	Hood Assembly	1	15	66-3050	Strip - Magnetic	1
2	65-5100	Handle - Hood	1	16	27-7310	Decal (Caution Over Fill)	1
3	63-7030	Screen - Hood	1	17	92-5774	Decal - Warning	1
4	321-3	Screw - Cap Hex. Hd.	7	18	84-1960	Decal - Service	1
5	84-1950	Decal - GM 223-D	2	19	92-6501	Tool Box Assembly (Incl. Ref. #16)	1
6	32128-33	Nut - Flange	13	20	63-7310	Fender LH	1
7	66-8680	Decal - Hood LH	1	21	3234-14	Screw - Flange Hd.	8
*	66-8670	Decal - Hood RH	1	24	3234-13	Screw - Flange Hd.	8
8	66-8110	Trim - Hood	1	25	32128-20	Nut - Flange	4
9	3290-359	Screw - Machine	4	26	46-6810	Screw - Cap Hex. Hd.	13
10	63-6900	Plate Hinge LH	1	27	67-1720	Decal - Caution	2
11	76-4790	Pad - Rubber	1	28	3230-23	Bolt - Carriage	4
12	3255-8	Washer - Lock	4	29	66-3200	Tread - Foot Rest LH	1
13	3274-32	Screw - Hex. Hd. Socket	4	30	66-3210	Tread - Foot LH	1
14	92-6502	Tool Box Cover Assembly (Incl. Ref. #17 & 18)	1	31	92-5540	Tread - Foot RH	1

*Not Illustrated

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TPS

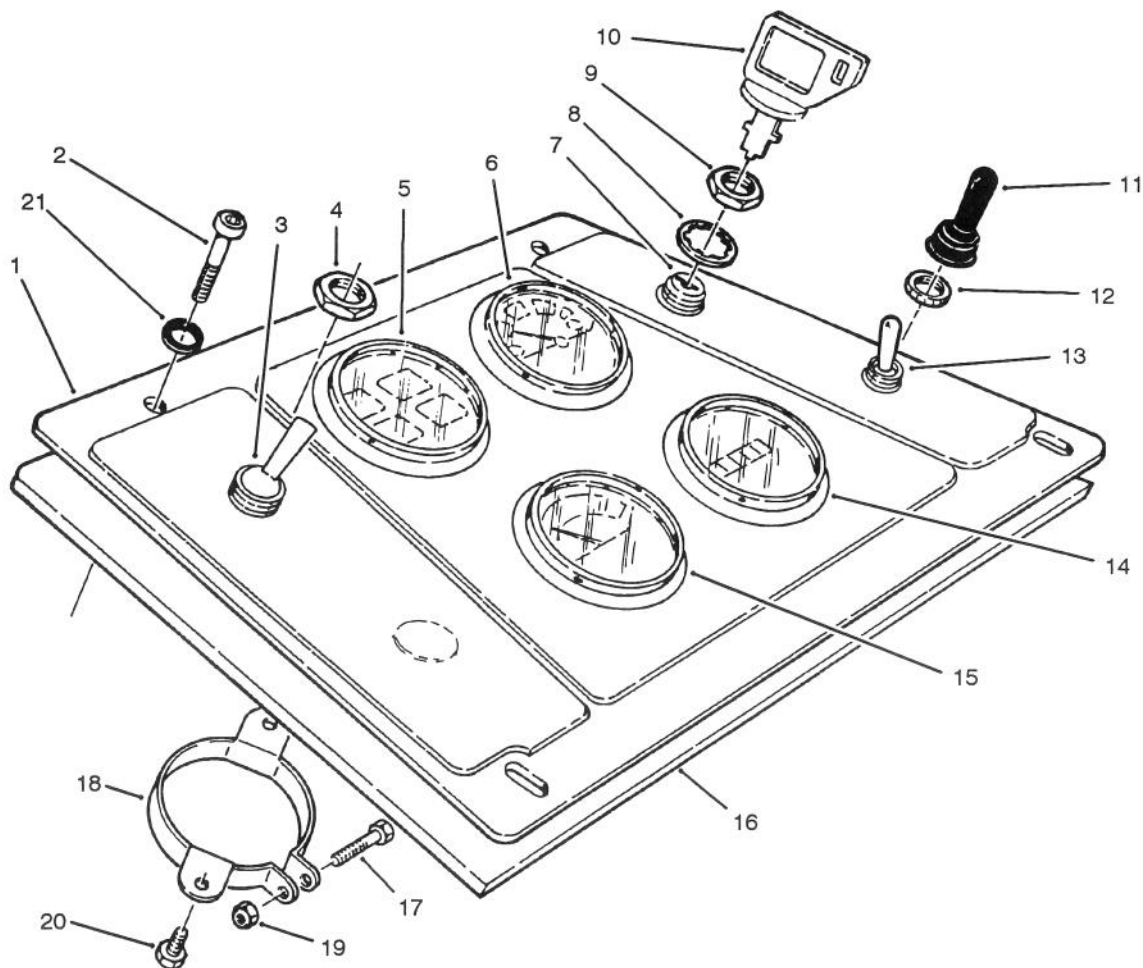


T-1817

BODY ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
32	63-7320	Cover - Tower Rear	1
33	66-8760	Decal - Tower LH	1
*	66-8770	Decal - Tower RH	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 - RH	1
40	63-8050	Box - Control	1
41	66-2470	Plate - Tower	1
42	63-6890	Plate - Hinge RH	1
43	46-8091	Screw - Cap Hex. Hd.	2
44	283-58	Pin - Clevis	1

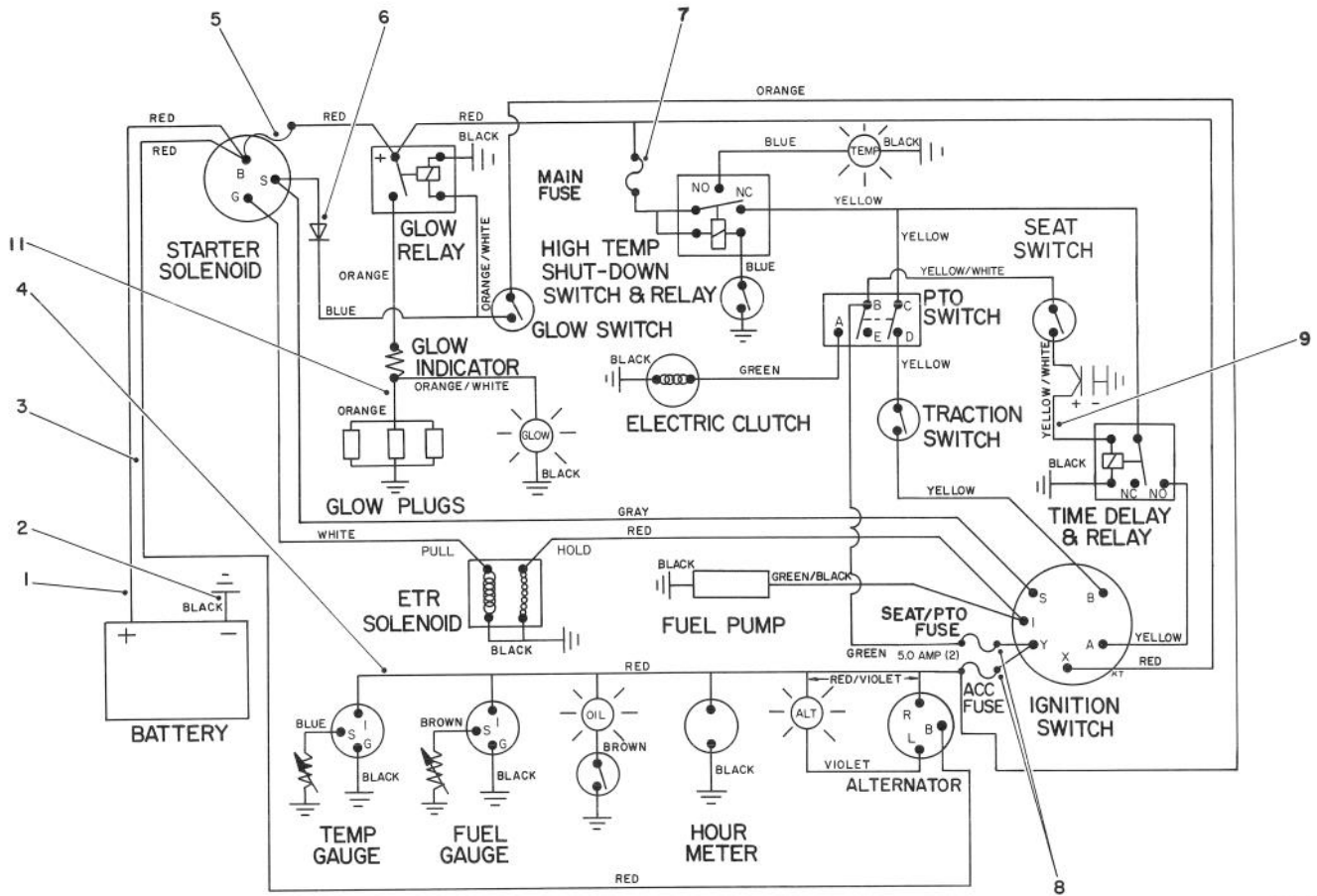
Ref. No.	Part No.	Description	No. Used
45	66-2870	Cable - Hood Stop	1
46	3272-10	Pin - Cotter	1
47	59-9740	Latch Assembly	1
48	3290-271	Rivet	4
49	3296-12	Nut - Hex.	4
51	82-8950	Foam	2
52	72-3560	Decal - 4wd	2
53	92-5548	Shield - Pedal Stop	1
54	321-4	Screw - Cap Hex. Hd.	2
55	92-5753	Clamp - Hose	3
56	322-5	Screw - Cap Hex. Hd.	3
57	32128-44	Nut - Flange Lock	3
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	Ref. No.	Part No.	Description	No. Used
1	66-2460	Panel - Control	1	11	218-473	Boot - Switch	1
2	3274-64	Screw - Socket Hd.	4	12	218-497	Nut - Face	1
3	85-4980	PTO Switch Assembly (Incl. Ref. #4)	1	13	6-1659	Glow Plug Switch Assembly (Incl. Ref. #11 & 12)	1
4	218-576	Nut - Hex.	1	14	66-2950	Meter - Hour	1
5	66-2960	Cluster - Warning Light	1	15	63-7430	Gage - Temperature	1
6	66-2940	Gage - Fuel	1	16	85-7560	Plate - Control Panel	1
7	27-2360	Ignition Switch Assembly (Incl. Ref. #8-10)	1	17	32105-1	Screw	1
8	218-447	Washer - Lock	1	18	69-4780	Clamp - Gauge	1
9	218-446	Nut - Hex.	1	19	3296-12	Nut - Lock	1
10	63-8360	Key - Ignition	1	20	32144-1	Screw - Hex. Hd.	2
				21	3256-22	Washer - Flat	4

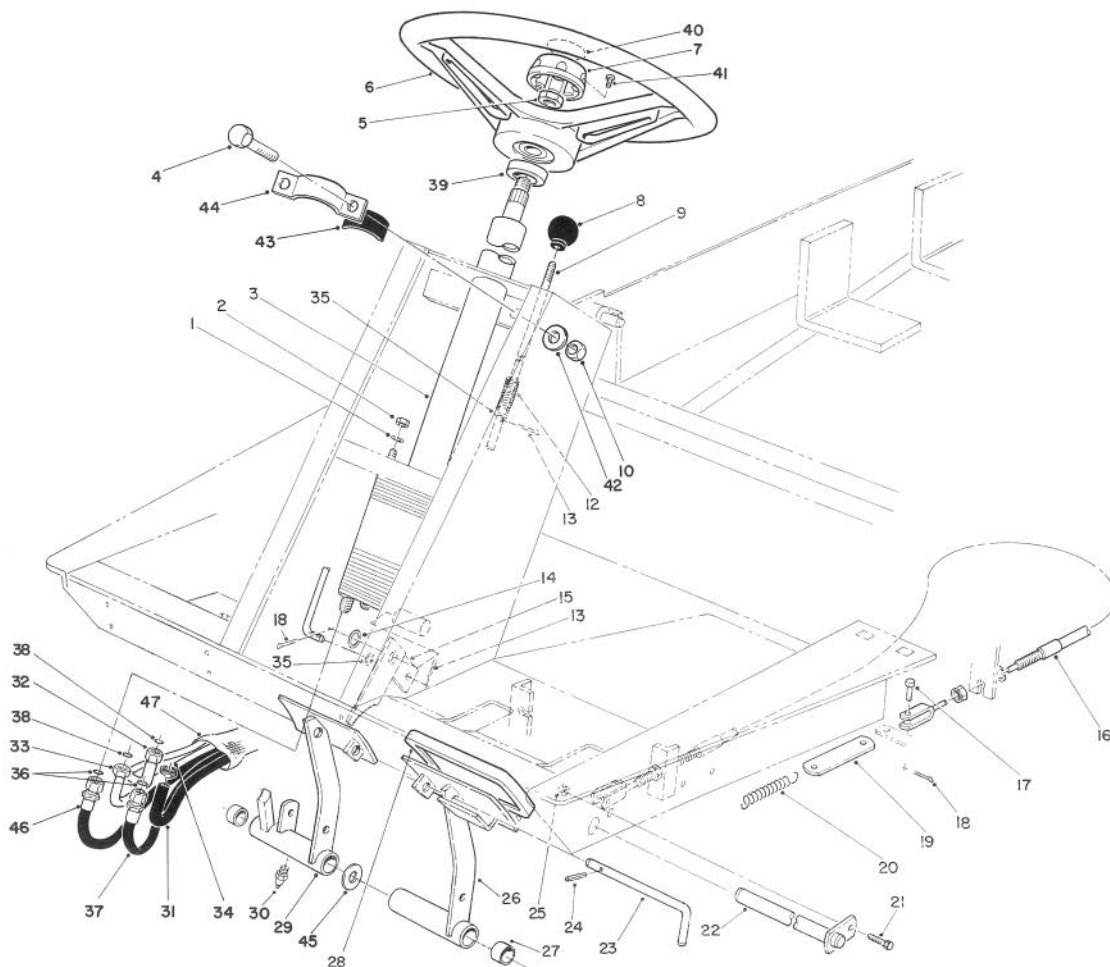


T-0526

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	Connector Assembly	1

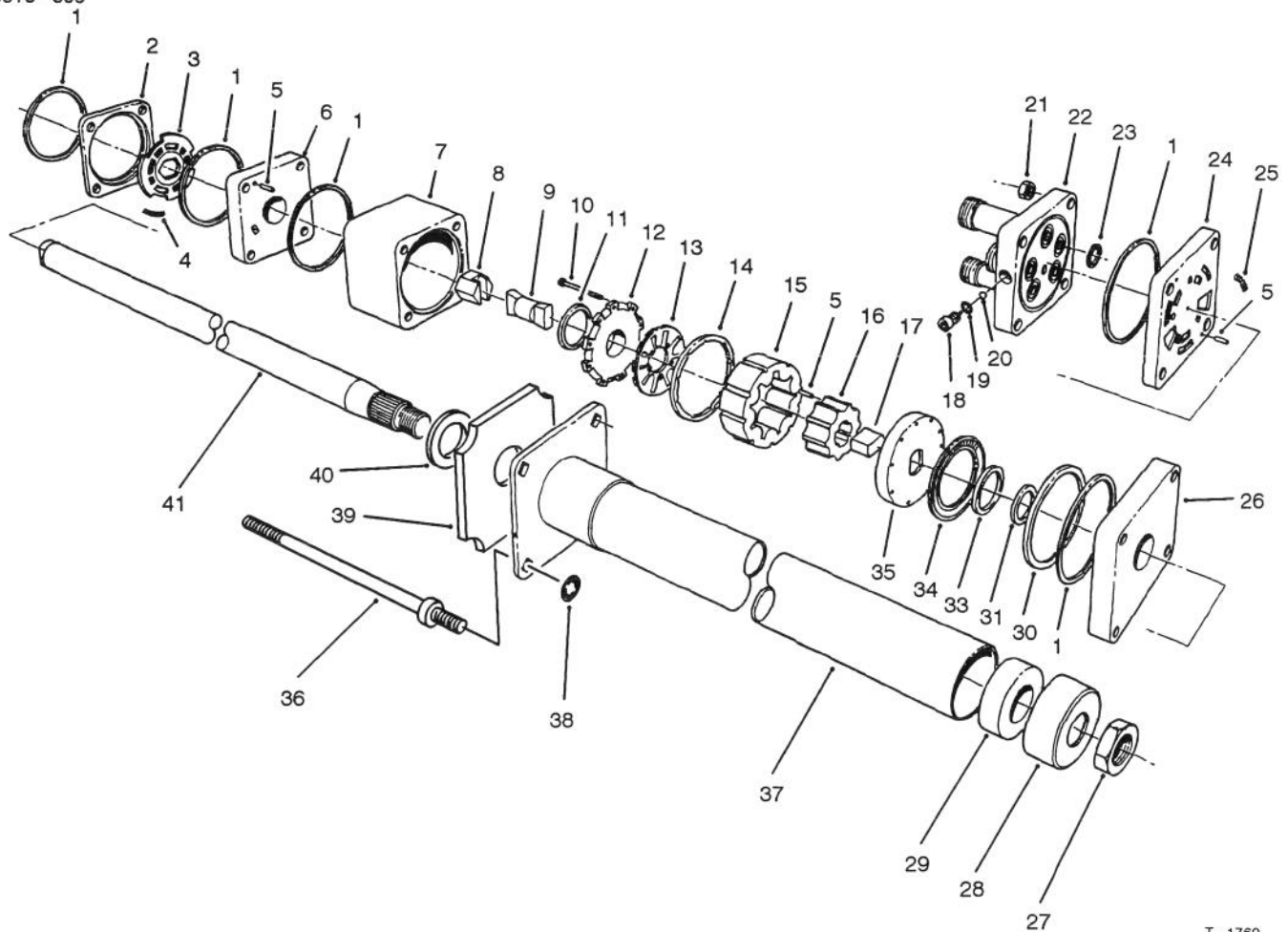


T-1247

POWER STEERING & BRAKE PEDAL ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	3256-23	Washer - Flat	4	24	32121-50	Pin - Roll	1
2	3296-20	Nut - Lock	4	25	3296-42	Nut - Lock	1
3	92-7308	Power Steering Valve Assy. (Incl. Ref. #7)	1	26	63-6180	Brake Pedal Assembly LH (Incl. Ref. #27 & 30)	1
4	322-5	Screw - Cap Hex. Hd.	2	27	256-42	Bushing	4
5	3220-6	Nut - Hex.	1	28	7-3900	Foot Pad - Brake	2
6	75-0560	Wheel - Steering (Incl. Ref. #7 & 41)	1	29	63-6190	Brake Pedal Assembly RH (Incl. Ref. #27 & 30)	1
7	68-5140	Steering Wheel Cap Assy. (Incl. Ref. #41)	1	30	302-5	Fitting - Grease	2
8	233-17	Knob	1	31	66-8140	Hose	1
9	63-7910	Rod - Brake Latch	1	32	66-8630	Tube - Hydraulic	1
10	3296-29	Nut - Lock	2	33	66-8620	Tube - Hydraulic	1
12	3-3251	Spring	1	34	2412-36	Clamp	2
13	3272-5	Pin - Cotter	3	35	3256-22	Washer - Flat	3
14	3256-26	Washer - Flat	1	36	237-30	O-Ring	2
15	63-7900	Rack - Brake	1	37	92-5080	Hose - Hydraulic	1
16	63-7730	Cable - Brake LH	1	38	237-22	O-Ring	2
*	63-7731	Cable - Brake RH	1	39	21-9260	Cover - Dust	1
17	283-58	Pin - Clevis	4	40	68-5370	Decal - Toro	1
18	3272-10	Pin - Cotter	5	41	32144-21	Screw - Pan Hd. Phillips	1
19	63-6750	Link - Brake Cable	2	42	3256-23	Washer - Flat	2
20	3-7243	Spring - Return	2	43	84-7670	Foam - Column Support	2
21	321-3	Screw - Cap Hex. Hd.	1	44	84-7660	Clamp - Column	1
22	63-6210	Pin - Brake	1	45	3256-69	Washer - Flat	A/R
23	63-7880	Pin - Brake Latch	1	46	92-5081	Hose - Hydraulic	1
				47	44-8530	Sock - Hose	1

*Not Illustrated



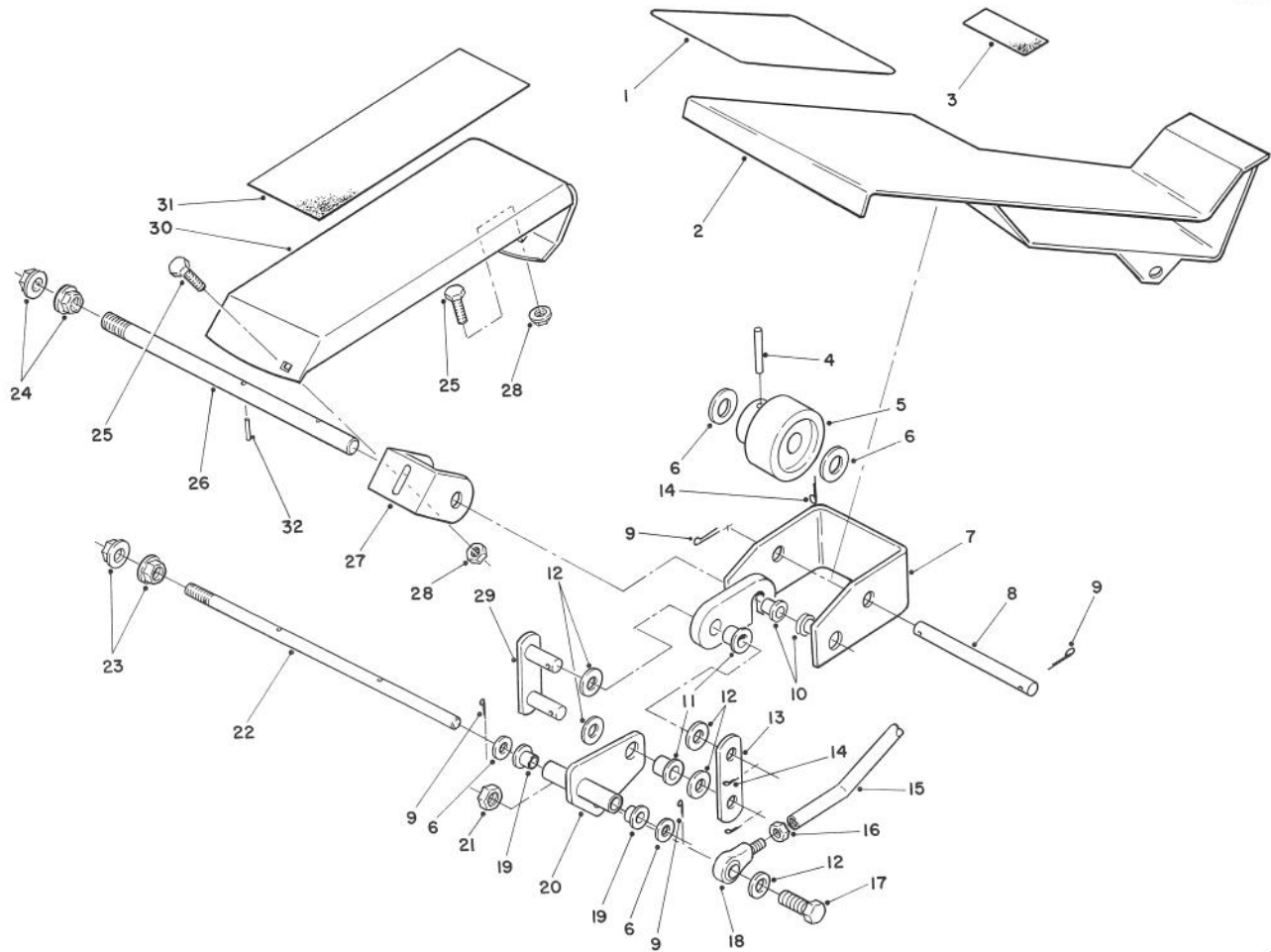
T-1760

STEERING VALVE ASSEMBLY NO. 92-7308

Ref. No.	Part No.	Description	No. Used
1		Ring - Seal	
2		Ring - Valve	
3		Plate - Valve	
4		Spring	3
5		Pin - Alignment	9
6		Manifold - Isolation	1
7		Ring - Metering	1
8		Hex. Drive Assembly	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 - Pus 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

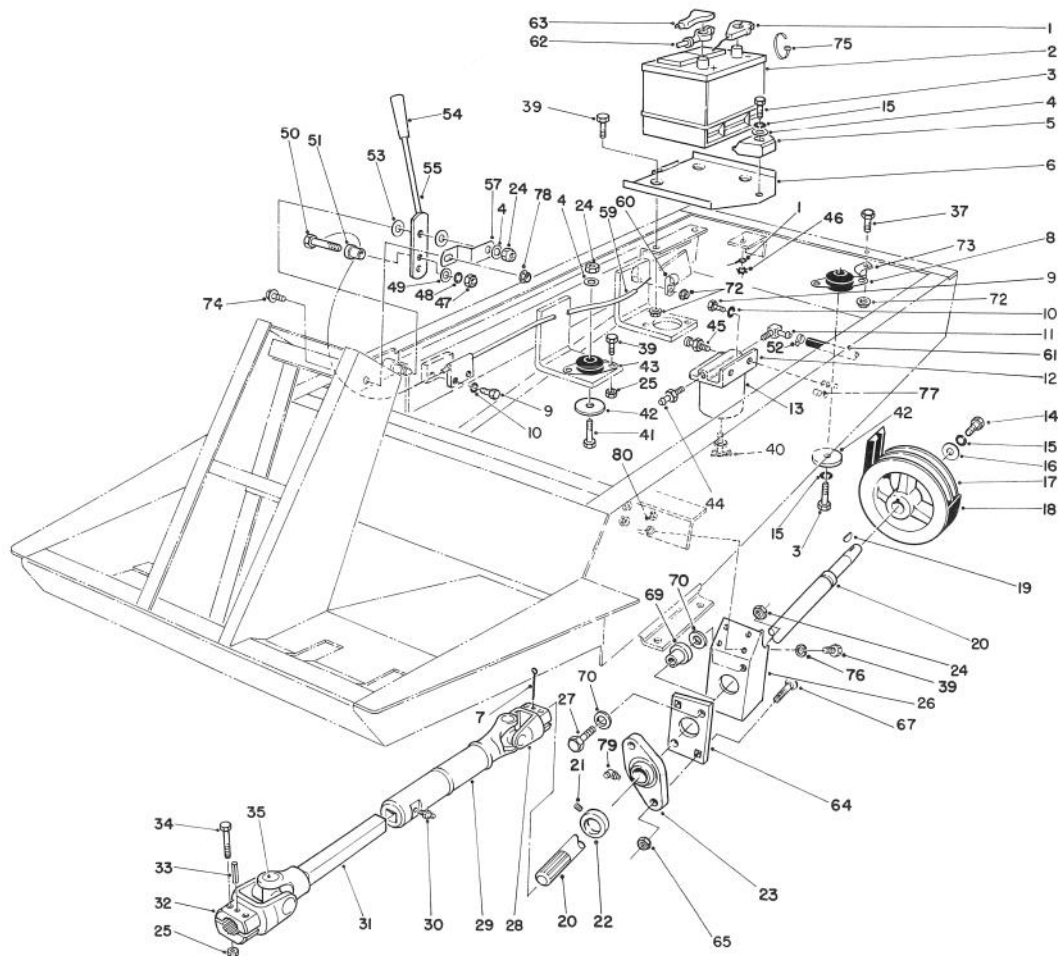


T-1688A

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	4
7	92-5093	Bracket - Pivot	1
8	92-5537	Pin - Pedal Pivot	1
9	3272-10	Pin - Cotter	4
10	256-156	Bushing - Flange	2
11	256-116	Bushing	2
12	3256-24	Washer - Flat	5
13	92-5721	Plate - Link	1
14	3272-6	Pin - Cotter	3
15	92-5536	Tube - Traction Control	1
16	3220-3	Nut - Jam	1

Ref. No.	Part No.	Description	No. Used
17	323-9	Screw - Cap Hex. Hd.	1
18	2411-36	End - Rod	1
19	256-219	Bushing	2
20	92-5094	Arm - Traction	1
21	3296-39	Nut - Lock	1
22	92-5075	Shaft - Traction Pedal	1
23	32128-49	Nut - Flange	2
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
29	92-5532	Link	1
30	92-5514	Footrest	1
31	92-5750	Pad - Footrest	1
32	32128-50	Pin - Roll	1

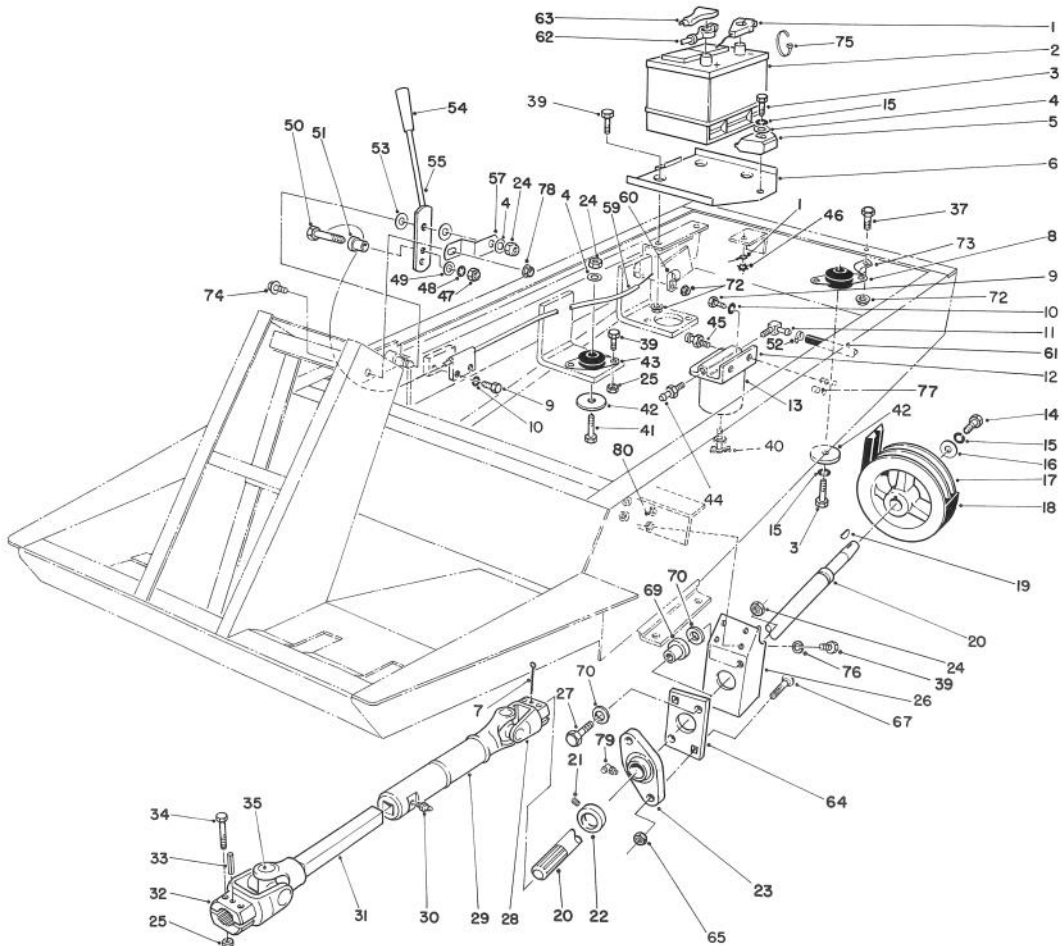


T-0530A

POWER TAKE OFF, BATTERY, AND ENGINE MOUNT ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	63-7340	Wire - Ground	1	23	92-8799	PTO Shaft Bearing Assembly (Incl. Ref. #21 & 22)	1
†2		Battery		24	3296-39	Nut - Lock	7
		Type 26 SMF-5	1	25	3296-29	Nut - Lock	12
3	323-9	Screw - Cap Hex. Hd.	2	26	92-8751	Bracket - PTO Bearing	1
4	3256-24	Washer - Flat	4	27	323-10	Screw - Cap Hex. Hd.	2
5	66-2490	Clamp - Battery Retainer	1	28	54-9090	Yoke - End	1
6	66-2330	Base - Battery	1	29	54-9170	Tube - Slip Yoke	1
7	3272-15	Pin - Cotter	1	30	302-58	Fitting - Grease	1
8	63-7141	Mount - Shock (Red)	1	31	54-9050	Shaft - Slip Yoke	1
9	321-4	Screw - Cap Hex. Hd.	4	32	54-9040	Yoke - End	1
10	3253-3	Washer - Lock	4	33	32121-34	Pin - Roll	1
11	353-781	Fitting 90°	1	34	322-9	Screw - Cap Hex. Hd.	4
12	63-8280	Head Assembly	1	35	54-9180	Kit - Universal Joint	2
13	63-8300	Element - Spin-On	1	37	322-3	Screw - Cap Hex. Hd.	1
14	323-18	Screw - Cap Hex. Hd.	1	39	322-5	Screw - Cap Hex. Hd.	15
15	3253-21	Washer - Lock	3	40	63-8310	Valve - Drain	1
16	29-4730	Washer - PTO	1	41	323-11	Screw - Cap Hex. Hd.	3
17	43-5320	Pulley - PTO	1	42	63-7400	Washer - Rebound	4
18	63-6240	Belt - PTO	1	43	63-7142	Mount - Shock (Yellow)	3
19	3257-5	Key - Woodruff	1	44	353-783	Fitting - Straight	1
20	92-8855	Shaft - PTO	1	45	63-8290	Vent - Air	1
21	3246-1	Screw - Set	1	46	3255-8	Washer - Lock ETLW	1
22	251-77	Collar - Locking	1				

†Obtain Locally



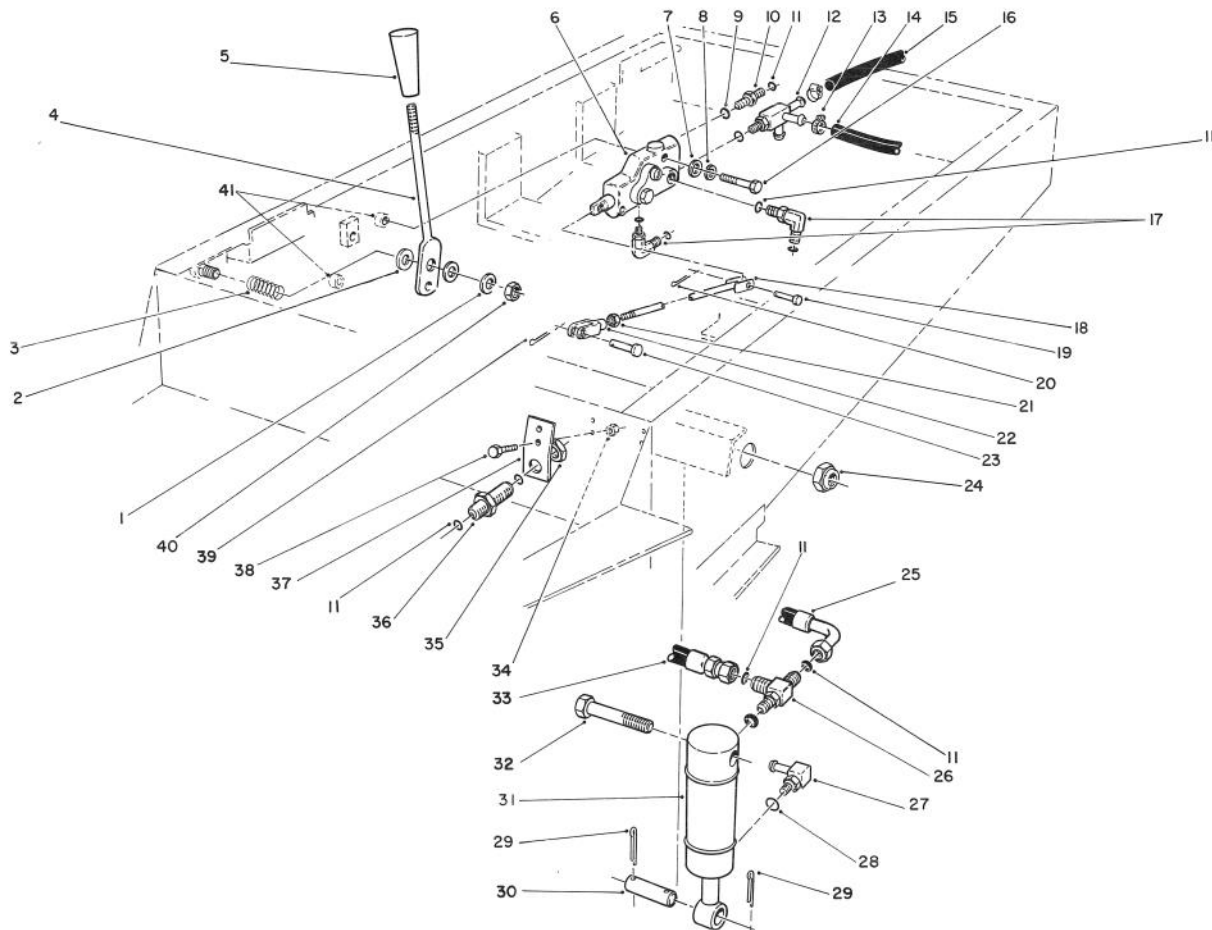
T-0530A

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

Ref. No.	Part No.	Description	No. Used
47		Nut - Hex.	1
48		Washer - Lock ITLW	1
49		Washer - Flat	1
50		Screw - Special	1
51		Sleeve - Connector	1
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
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

Ref. No.	Part No.	Description	No. Used
67	3230-4	Bolt - Carriage	2
69	63-9750	Mount	2
70	63-8410	Washer - Flat	4
72	32128-20	Nut - Flange	4
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	Throttle Cable Swivel Assy. (Incl. Ref. #47-51)	1
*	54-7950	Drive Shaft Assembly (Incl. Ref. #28-32 & 35)	1

*Not Illustrated



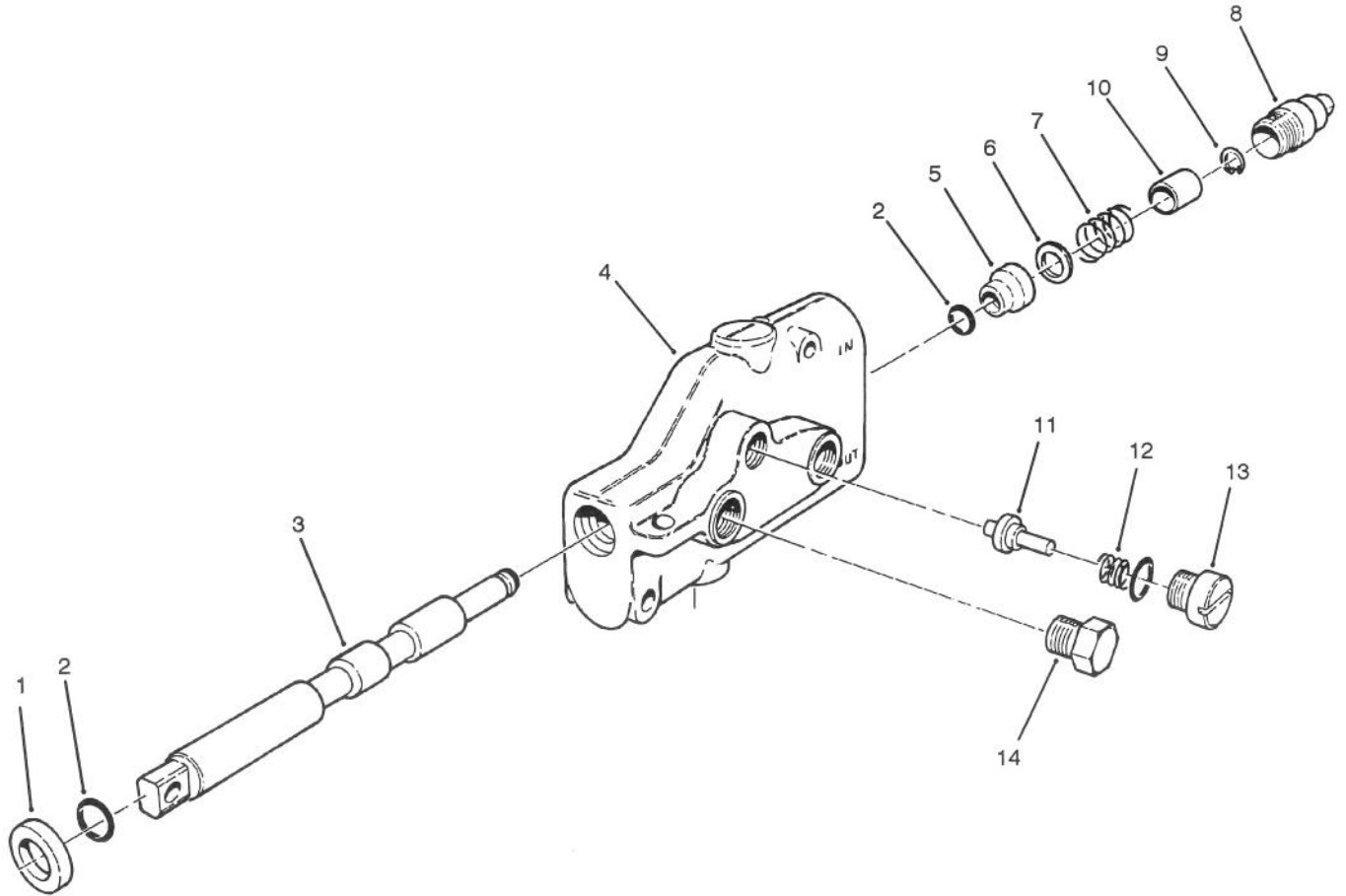
T-0531

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 RH	1
22	282-27	Clevis	1
23	283-58	Pin - Clevis	1
24	3296-15	Nut - Lock	2

Ref. No.	Part No.	Description	No. Used
25	66-8190	Hose - Hydraulic	1
26	340-86	Fitting - Hydraulic Tee (Incl. Ref. #9 & 11) (Used On Cap End of Left Cylinder)	1
*	340-77	Fitting - Hydraulic 90° (Incl. Ref. #9 & 11) (Used On Cap End of Right Cylinder)	1
27	304-99	Fitting - Hydraulic 90° (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	Hose - Hydraulic	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	3272-31	Pin - Cotter	1
40	3296-29	Nut - Lock	1
41	32148-11	Nut - Clinch	2

*Not Illustrated



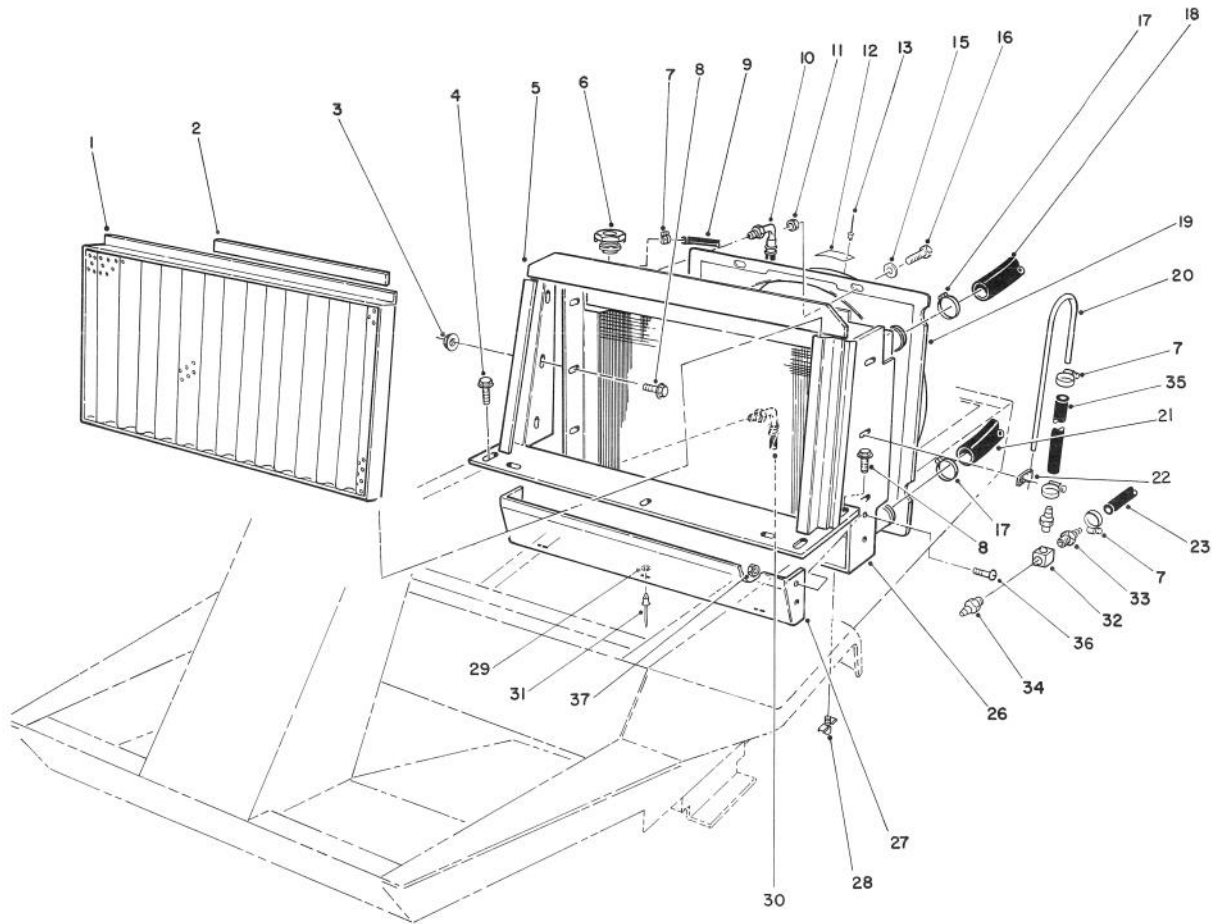
T-0532

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	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

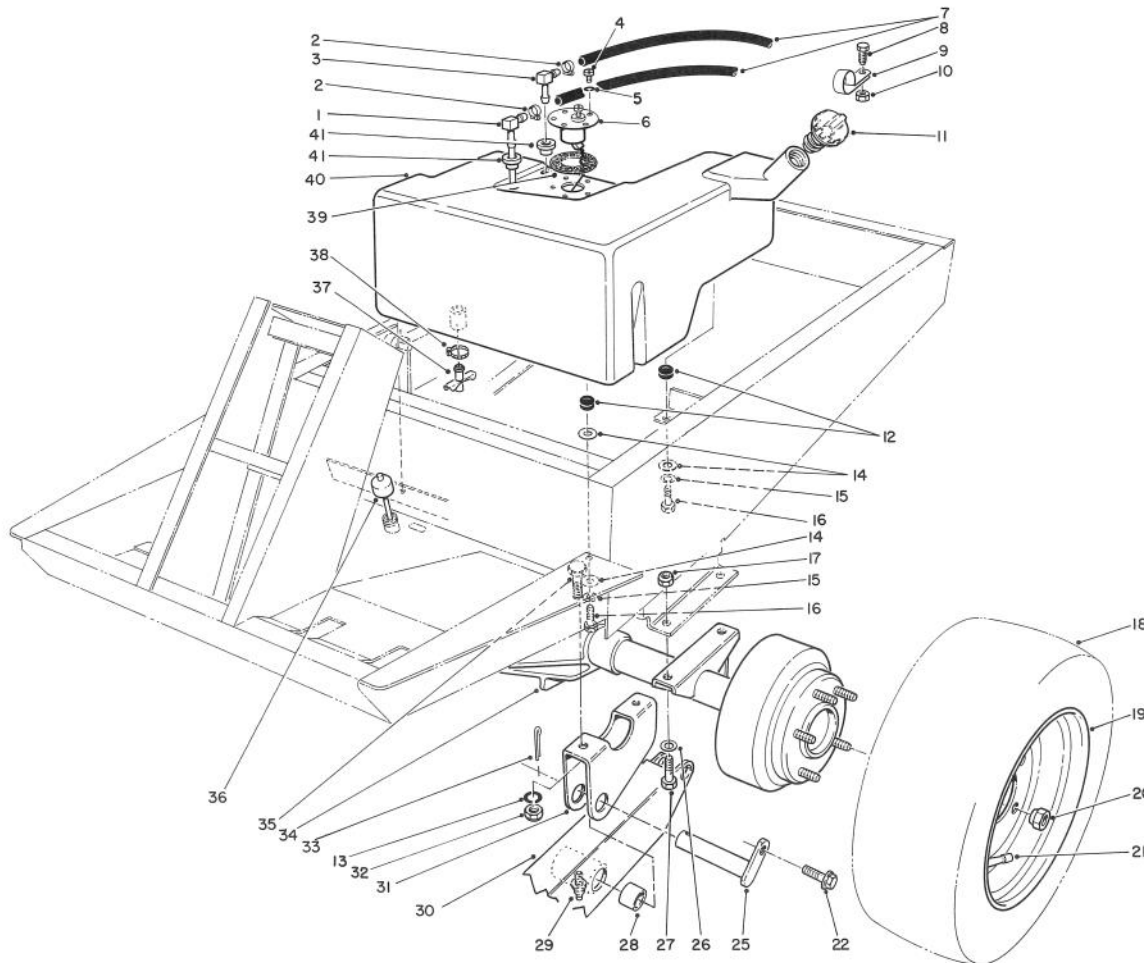


T-0533C

RADIATOR ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	63-7700	Screen Assembly	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	3290-55	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	Fan Shroud Assembly (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	Clamp - R	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 - Fuel	2
34	354-21	Fitting - Fuel	1
35	66-3170	Hose	1
36	3249-3	Screw - Round Hd.	2
37	3217-29	Nut - Hex.	2



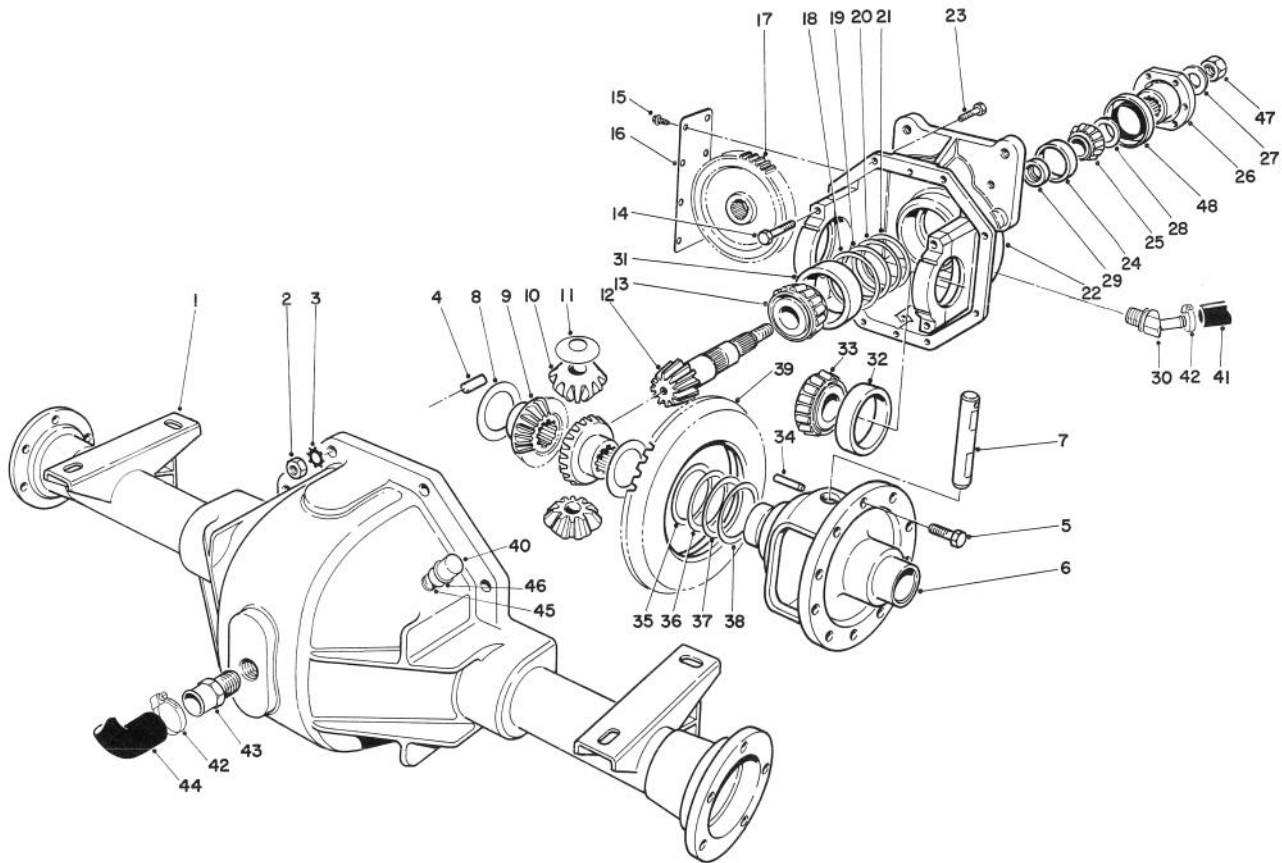
T-0534

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	Fitting - Fuel 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 - 23" x 8.5" x 12"	2
*	231-95	Tire - 23" x 10.5" x 12" (Optional)	2
19	217-117	Rim - 23" x 8.5" x 12"	2
*	217-116	Rim - 23" x 10.5" x 12" (Optional)	1
20	23-7270	Nut - Lug	10

Ref. No.	Part No.	Description	No. Used
21	232-27	Valve Stem w/Cap (For Standard 8.5" Rim)	2
*	232-27	Valve Stem w Cap (For Optional 10.5" Rim)	2
22	3234-13	Screw - Flange Hd.	2
25	27-4310	Pin - Pivot	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 Assembly LH (Incl. Ref. #28 & 29)	1
*	76-3080	Lift Arm Assembly RH (Incl. Ref. #28 & 29)	1
31	67-1830	Carrier Bracket	2
32	3219-6	Nut - Hex.	4
33	3272-17	Pin - Cotter	2
34	92-2377	Axle Assembly	1
35	3273-38	Screw - Hex Socket Hd.	4
36	66-3060	Dipstick - Differential	1
37	304-46	Fitting - Drain	1
38	2412-36	Clamp	1
39	62-7650	Gasket	1
40	92-8873	Tank - Fuel	1
41	46-6560	Bushing	2
*	62-7020	Wheel & Tire Assy. (Opt.) (23" x 10.5" x 12")	2

*Not Illustrated



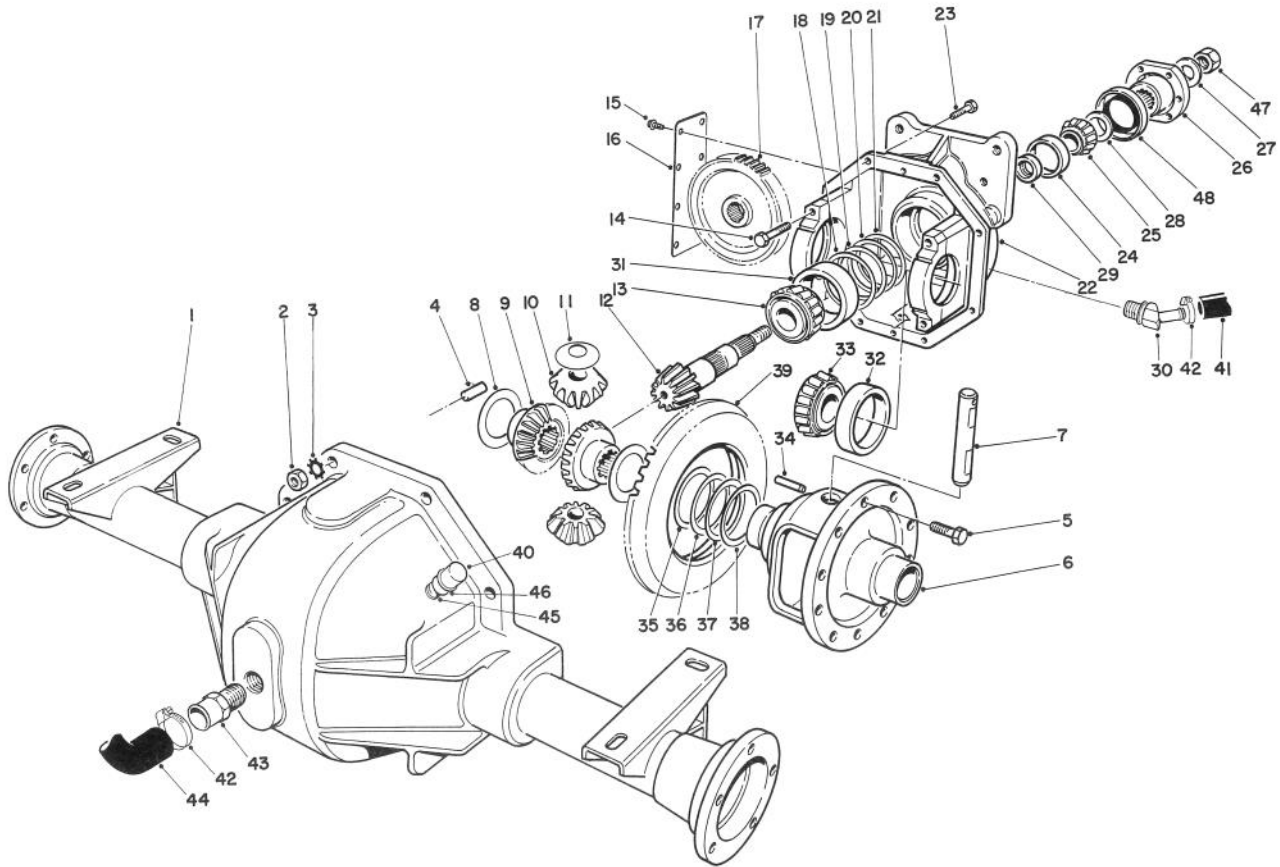
T-1691A

FRONT AXLE ASSEMBLY NO. 92-2377

Ref. No.	Part No.	Description	No. Used
1	63-8090	Lower Housing Assembly	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

Ref. No.	Part No.	Description	No. Used
22	86-7190	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	68-7010	Flange	1
27	71-4340	Washer	1
28	72-3570	Shim .094 - Diff. Adjust.	A/R
*	72-3571	Shim .096 - Diff. Adjust.	A/R
*	72-3572	Shim .098 - Diff. Adjust.	A/R
*	72-3573	Shim .100 - Diff. Adjust.	A/R
*	72-3574	Shim .102 - Diff. Adjust.	A/R
*	72-3575	Shim .104 - Diff. Adjust.	A/R
*	72-3576	Shim .106 - Diff. Adjust.	A/R
*	72-3577	Shim .108 - Diff. Adjust.	A/R
*	72-3578	Shim .110 - Diff. Adjust.	A/R
*	72-3580	Shim .112 - Diff. Adjust.	A/R
*	72-3581	Shim .114 - Diff. Adjust.	A/R
*	72-3582	Shim .116 - Diff. Adjust.	A/R
*	72-3583	Shim .118 - Diff. Adjust.	A/R
*	72-3584	Shim .120 - Diff. Adjust.	A/R
*	72-3585	Shim .125 - Diff. Adjust.	A/R
*	72-3586	Shim .127 - Diff. Adjust.	A/R
*	72-3587	Shim .129 - Diff. Adjust.	A/R
*	72-3588	Shim .131 - Diff. Adjust.	A/R

*Not Illustrated

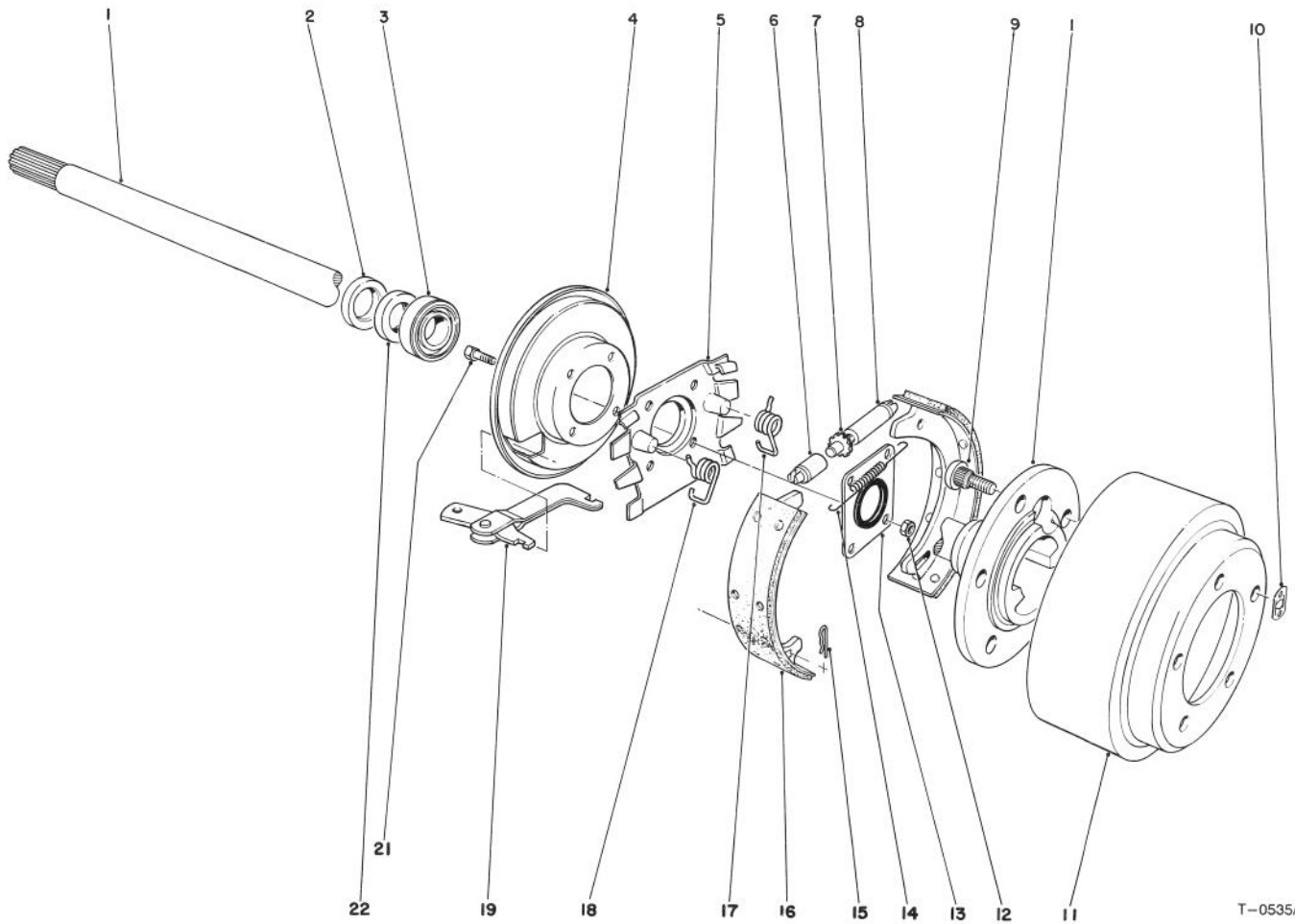


T-1691A

FRONT AXLE ASSEMBLY NO. 92-2377 (Continued)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
28	72-3590	Shim .133 - Diff. Adjust.	A/R	37	21-8110	Differential Adjust. Shim. .010	A/R
*	72-3591	Shim .135 - Diff. Adjust.	A/R	38	21-8120	Differential Adjust. Shim. .030	A/R
*	72-3592	Shim .137 - Diff. Adjust.	A/R	39		Gear - Ring	1
*	72-3593	Shim .139 - Diff. Adjust.	A/R	40	72-9420	Vent Assembly	1
*	72-3594	Shim .141 - Diff. Adjust.	A/R	41	92-5083	Hose - Hydraulic	1
*	72-3595	Shim .143 - Diff. Adjust.	A/R	42	2412-34	Clamp - Hose	2
*	72-3596	Shim .145 - Diff. Adjust.	A/R	43	354-71	Pipe Nipple	1
*	72-3597	Shim .147 - Diff. Adjust.	A/R	44	77-0550	Tube - Fill	1
*	72-3598	Shim .149 - Diff. Adjust.	A/R	45	289-6	Nipple - Pipe	1
*	72-3600	Shim .151 - Diff. Adjust.	A/R	46	2810-1	Coupler	1
29	21-8020	Spacer - Frt. Pinion Bearing	1	47	71-4350	Nut	1
30	92-5088	Fitting - 45°	1	48	71-4330	Seal	1
31	43-6750	Cup - Bearing	1	*	92-1676	Gear & Pinion Assembly (Incl. Ref. #12 & 39)	1
32	254-66	Cup - Bearing	2	*	92-4907	Assembly - Diff. Carrier (Incl. Ref. #5-22, 24-29, 31-39 & 47-48)	1
33	254-65	Cone - Bearing	2				
34	32121-15	Pin - Roll	1				
35	21-8090	Differential Adjust. Shim. .003	A/R				
36	21-8100	Differential Adjust. Shim. .005	A/R				

*Not Illustrated



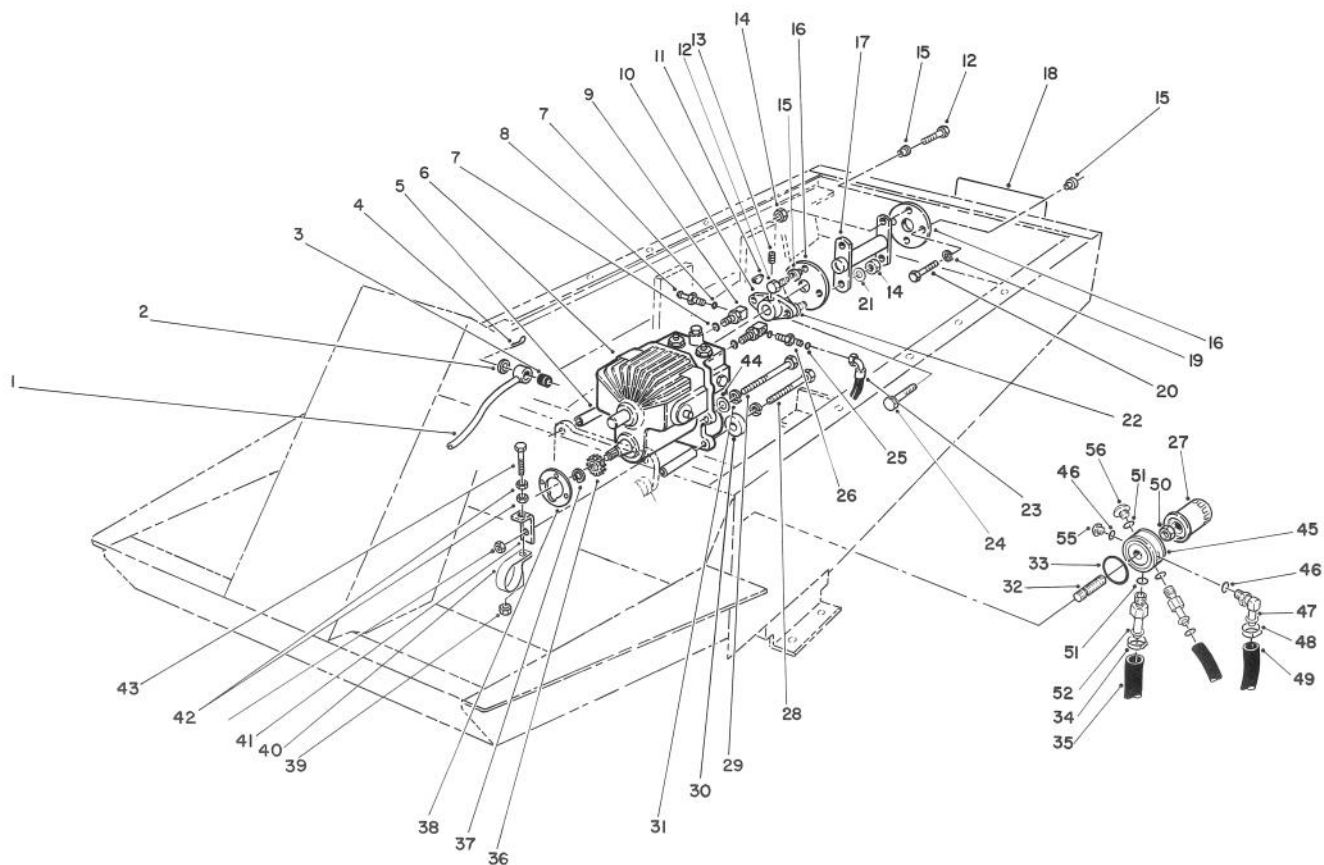
T-0535A

BRAKE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	27-6861	Shaft - Axle, Flanged LH	1
*	27-6851	Shaft - Axle, Flanged RH	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	21-9420	Spring - Shoe Return LH	2
18	21-9430	Spring - Shoe Return RH	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	

*Not Illustrated

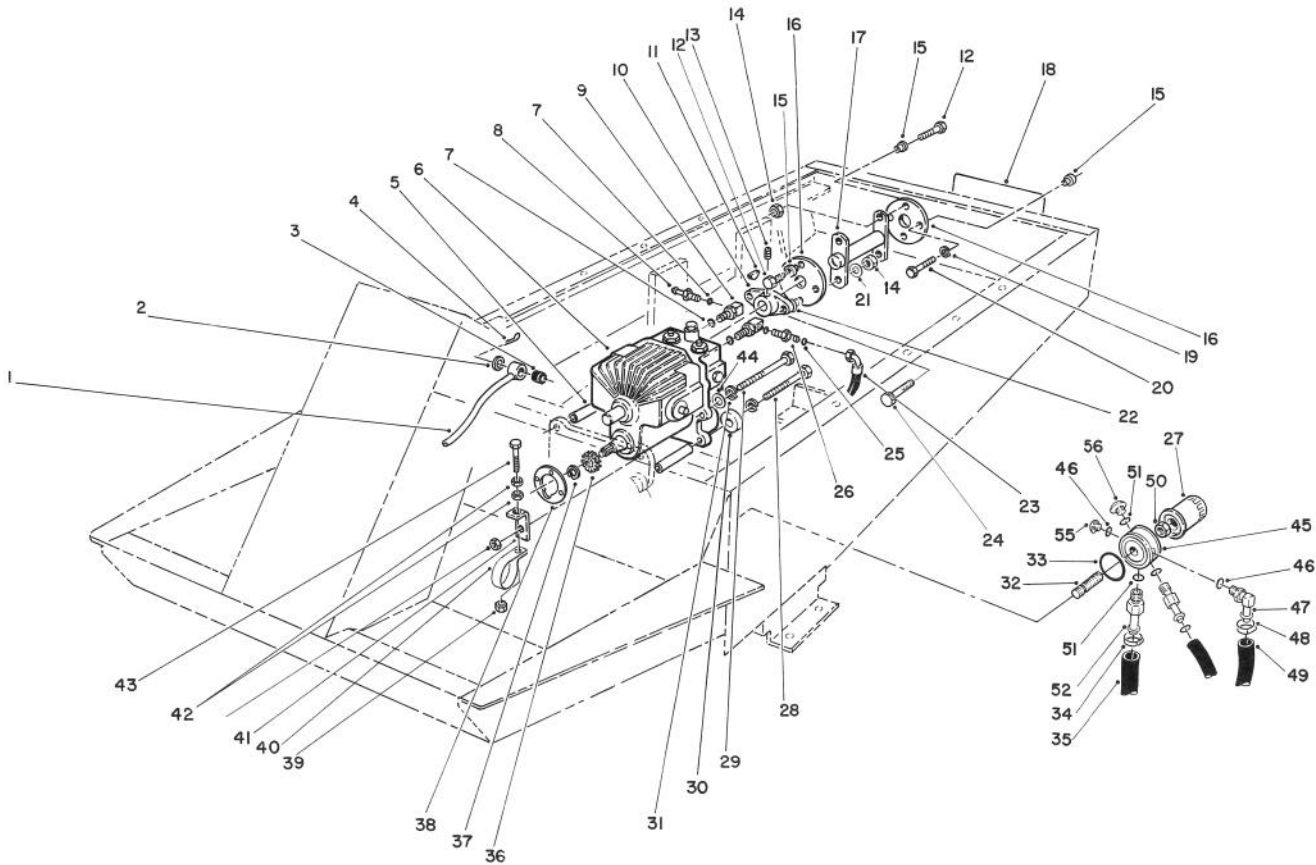


T-0605

TRANSMISSION & DRIVE COUPLING ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	92-5536	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 - Filter Adapter	1
34	2412-108	Hose Clamp	4
35	92-5082	Hose	2
36	86-7220	Gear - Spur	1
37	936125	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	Seal - O-Ring	2
47	92-5086	Fitting - Hydraulic 90° (Incl. Ref. #46)	1
48	2412-34	Clamp - Hose	1
49	92-5083	Hose - Hydraulic	1

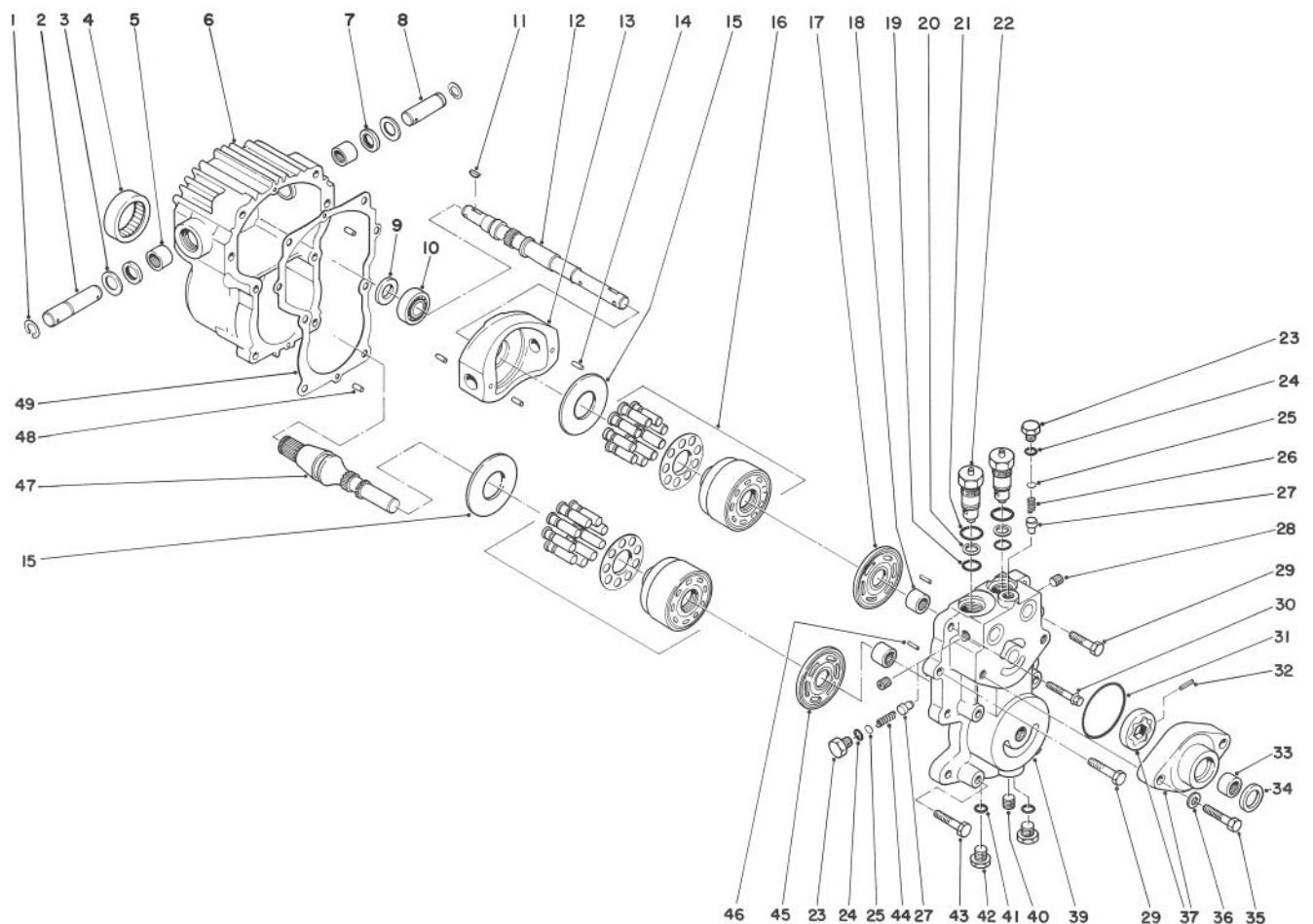


T-0605

TRANSMISSION & DRIVE COUPLING ASSEMBLY (Continued)

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

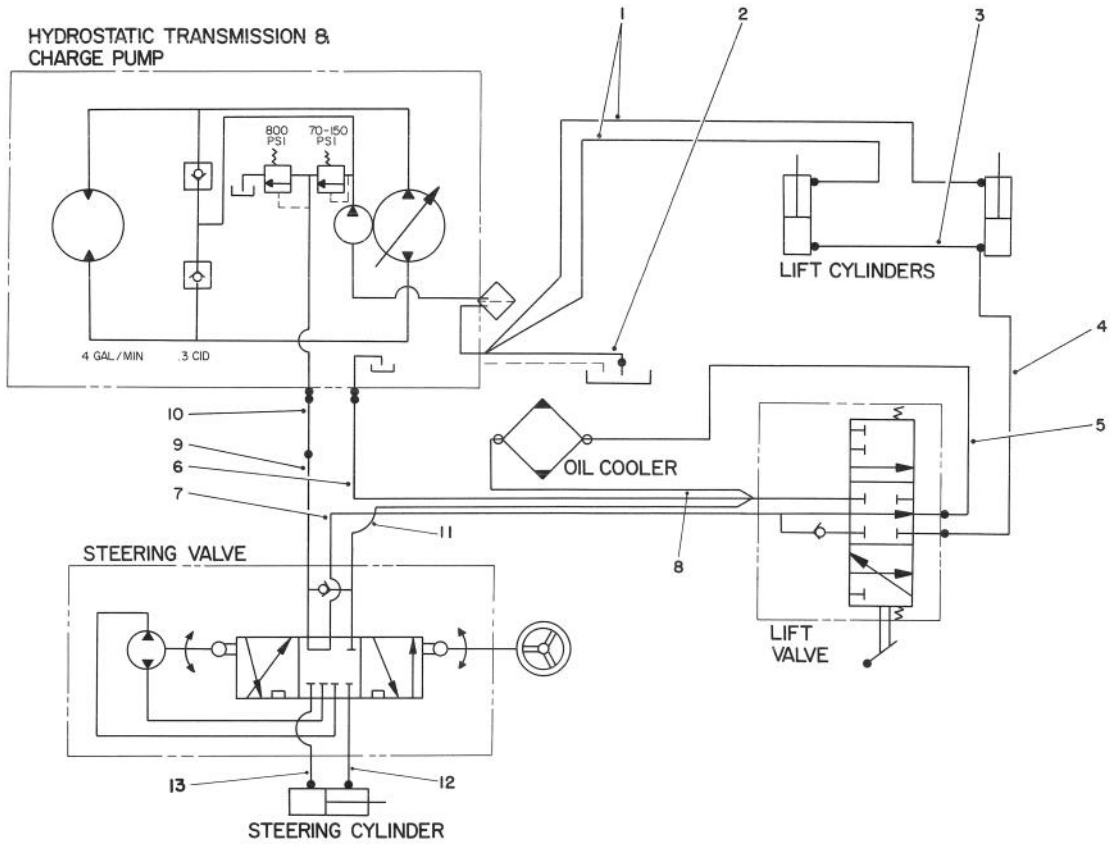
Ref. No.	Part No.	Description	No. Used
55	353-988	Plug - Hydraulic (Incl. Ref. #46)	1
56	353-990	Plug - Hydraulic (Incl. Ref. #51)	1



T-0536A

TRANSMISSION ASSEMBLY NO. 92-5513

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	32151-46	Ring - Retaining	2	26	46-7310	Relief Valve Spring Imp.	1
2	25-2500	Shaft - Trunnion	1	27	28-3420	Relief Valve Cone Charge	2
3	25-2510	Washer	2	28	285-17	Plug - Pipe	4
4	28-3300	Bearing - Roller	1	29	323-8	Screw - Cap Hex. Hd.	2
5	28-3310	Bearing - Needle	2	30	28-3530	Screw - Cap Hex. Hd.	2
6	92-5709	Housing	1	31	28-3520	O-Ring	1
7	25-3210	Lip Seal	2	32	38-2680	Pin	1
8	28-3670	Shaft - Trunnion	1	33	28-3480	Bearing - Needle	1
9	28-3660	Lip Seal	1	34	28-3470	Lip Seal	1
10	28-3650	Bearing - Ball	1	35	324-23	Screw - Cap Hex. Hd.	2
11	3257-5	Key - Woodruff	2	36	28-3450	Washer - Flat	2
12	28-3640	Shaft - Pump	1	37	38-2670	Kit - Charge Pump (Incl. Ref. #31-34)	1
13	49-7820	Variable Swashplate	1	39	92-5716	Center Section	1
14	32121-91	Pin	3	40	92-5717	Plug - Pipe	1
15	25-2380	Plate - Thrust	2	41		O-Ring	2
16	48-1800	Kit - Cylinder Block	2	42	28-3440	Threaded Plug (Incl. Ref. #41)	2
17	46-7320	Plate - Pump Valve	1	43	323-10	Screw - Cap Hex. Hd.	4
18	25-3300	Bearing - Needle	2	44	25-2480	Relief Valve Spring Charge	1
19	28-3590	O-Ring	2	45	28-3380	Plate - Motor Valve	1
20	28-3580	Ring - Backup	2	46	25-2430	Pin	2
21	28-3570	O-Ring	2	47	49-8200	Shaft - Motor	1
22	49-7830	Check Valve Assembly (Incl. Ref. #19-21)	2	48	28-3350	Pin	2
23	25-2460	Hex Hd. Plug	2	49	28-3340	Gasket	1
24	28-3400	O-Ring	2				
25	25-2470	Shim Pack	A/R				

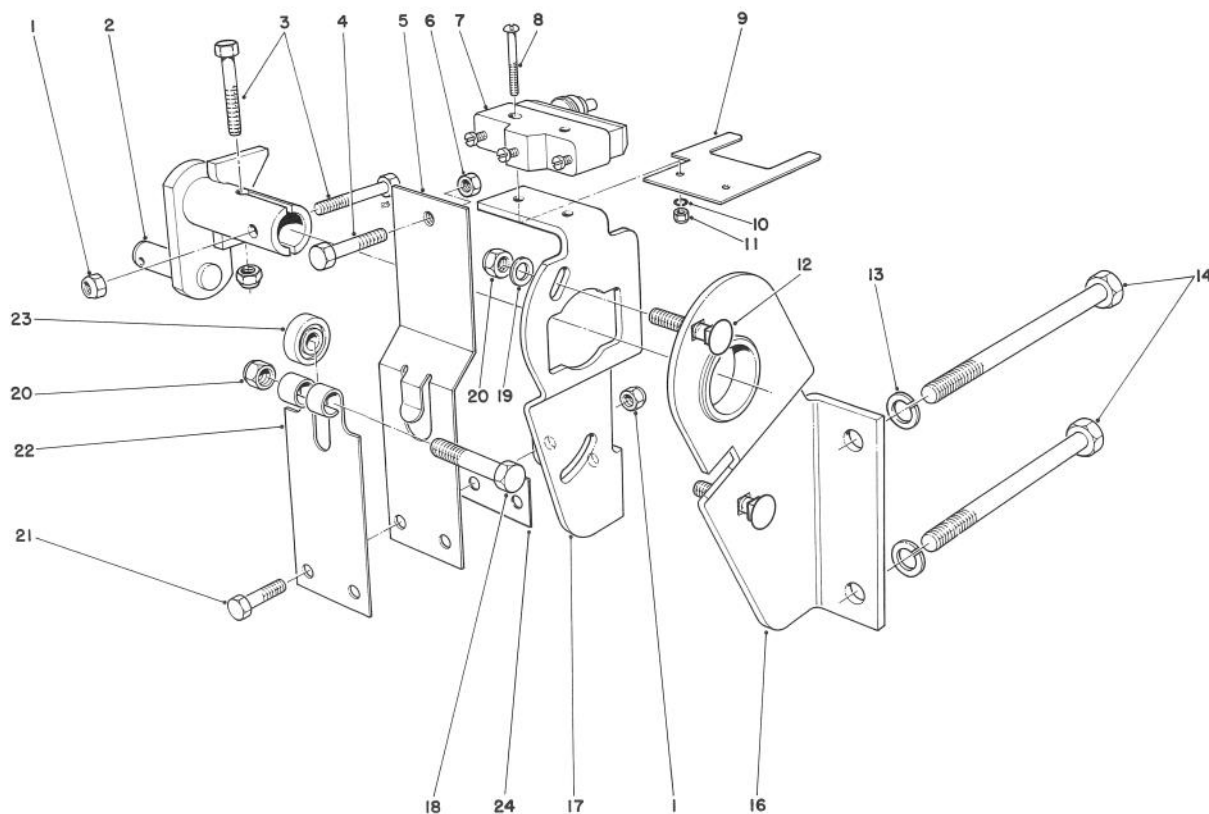


T-0537

HYDRAULIC SCHEMATIC

Ref. No.	Part No.	Description	No. Used
1	92-5082	Hose - Hydraulic	2
2	92-5083	Hose - Hydraulic	1
3	66-8190	Hose - Hydraulic	1
4	66-8640	Hose - Hydraulic	1
5	66-8180	Hose - Hydraulic	1
6	66-8150	Hose - Hydraulic	1
7	66-8630	Tube - Hydraulic	1

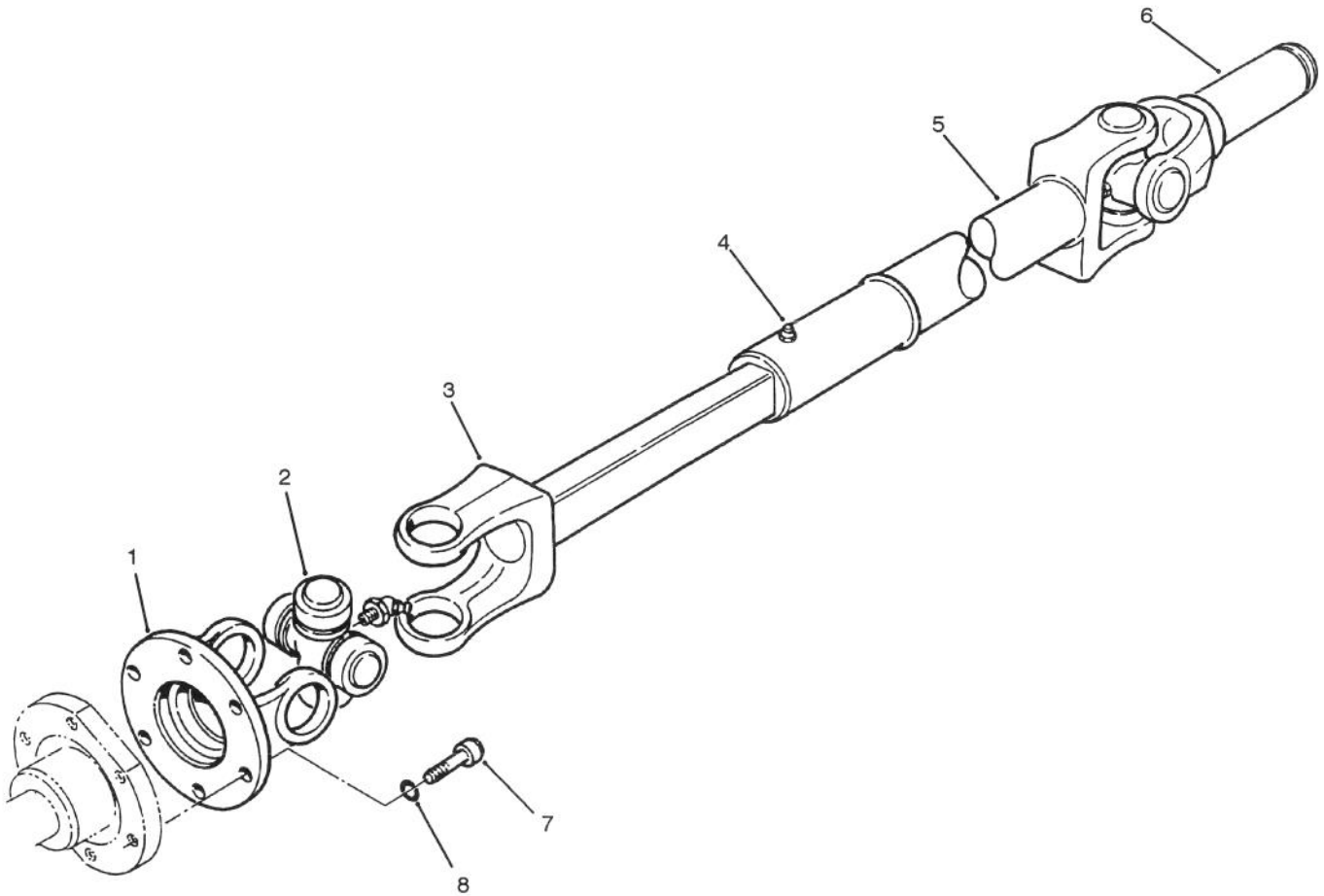
Ref. No.	Part No.	Description	No. Used
8	66-8500	Hose - Hydraulic	1
9	66-8620	Tube - Hydraulic	1
10	66-8490	Hose - Hydraulic	1
11	66-8140	Hose - Hydraulic	1
12	92-5080	Hose - Hydraulic	1
13	92-5081	Hose - Hydraulic	1



T-0538

TRANSMISSION INTERLOCK ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	3296-42	Nut - Lock	4	13	3253-21	Washer - Lock	2
2	29-9790	Pump - Lever	1	14	323-39	Screw - Cap Hex. Hd.	2
3	321-9	Screw - Cap Hex. Hd.	2	16	52-8890	Bracket - Mounting	2
4	3210-7	Screw - Cap Hex. Hd.	1	17	52-9070	Plate - Pump	1
5	29-6170	Spring - Extended Leaf	1	18	322-17	Screw - Cap Hex. Hd.	1
6	3219-2	Nut - Hex.	1	19	3256-23	Washer - Flat	2
7	29-6162	Micro Switch	1	20	3296-29	Nut - Lock	3
8	3249-11	Screw - Round Hd.	2	21	321-4	Screw - Cap Hex. Hd.	2
9	46-8810	Stop - Leaf Spring	1	22	29-6150	Spring - Leaf	1
10	3254-9	Washer - Lock I.T.L.W.	2	23	251-259	Bearing - Ball	1
11	3217-16	Nut - Hex.	2	24	51-3150	Shim	1
12	3230-2	Carriage - Bolt	2				



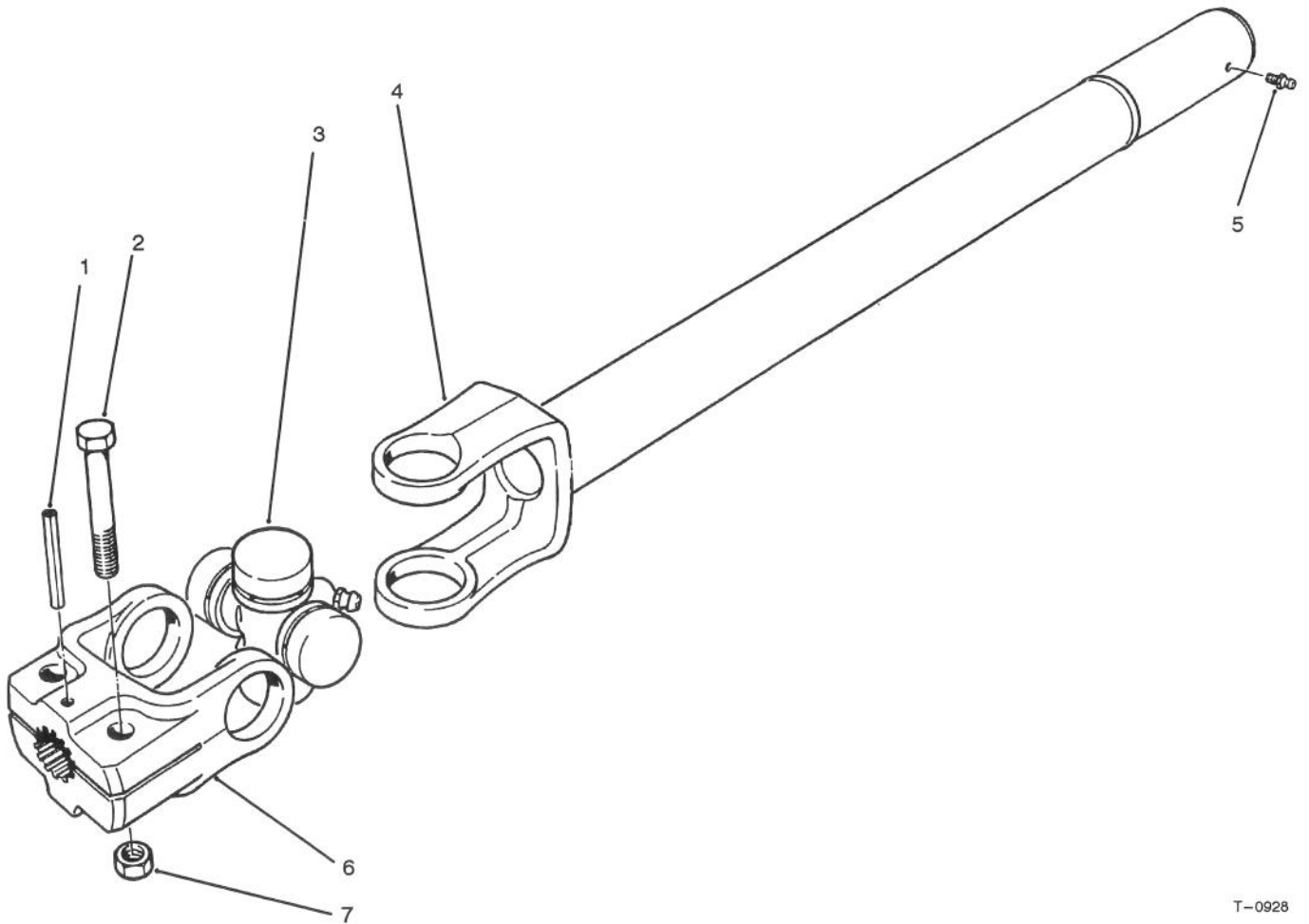
T-0906

DRIVE SHAFT ASSEMBLY NO. 92-5084

Ref. No.	Part No.	Description	No. Used
1	72-3410	Yoke - Flange	1
2	54-9180	Kit - Universal Joint	2
3	72-3420	Shaft - Yoke, Slip	1
4	302-58	Fitting - Grease	1
5	92-5784	Tube - Yoke, Slip	1

Ref. No.	Part No.	Description	No. Used
6	72-3440	Yoke - Shaft	1
7	3274-64	Screw - Cap, Soc. Hd.	6
8	3253-3	Washer - Lock	6
*	92-5084	Driveshaft (Complete)	1

*Not Illustrated

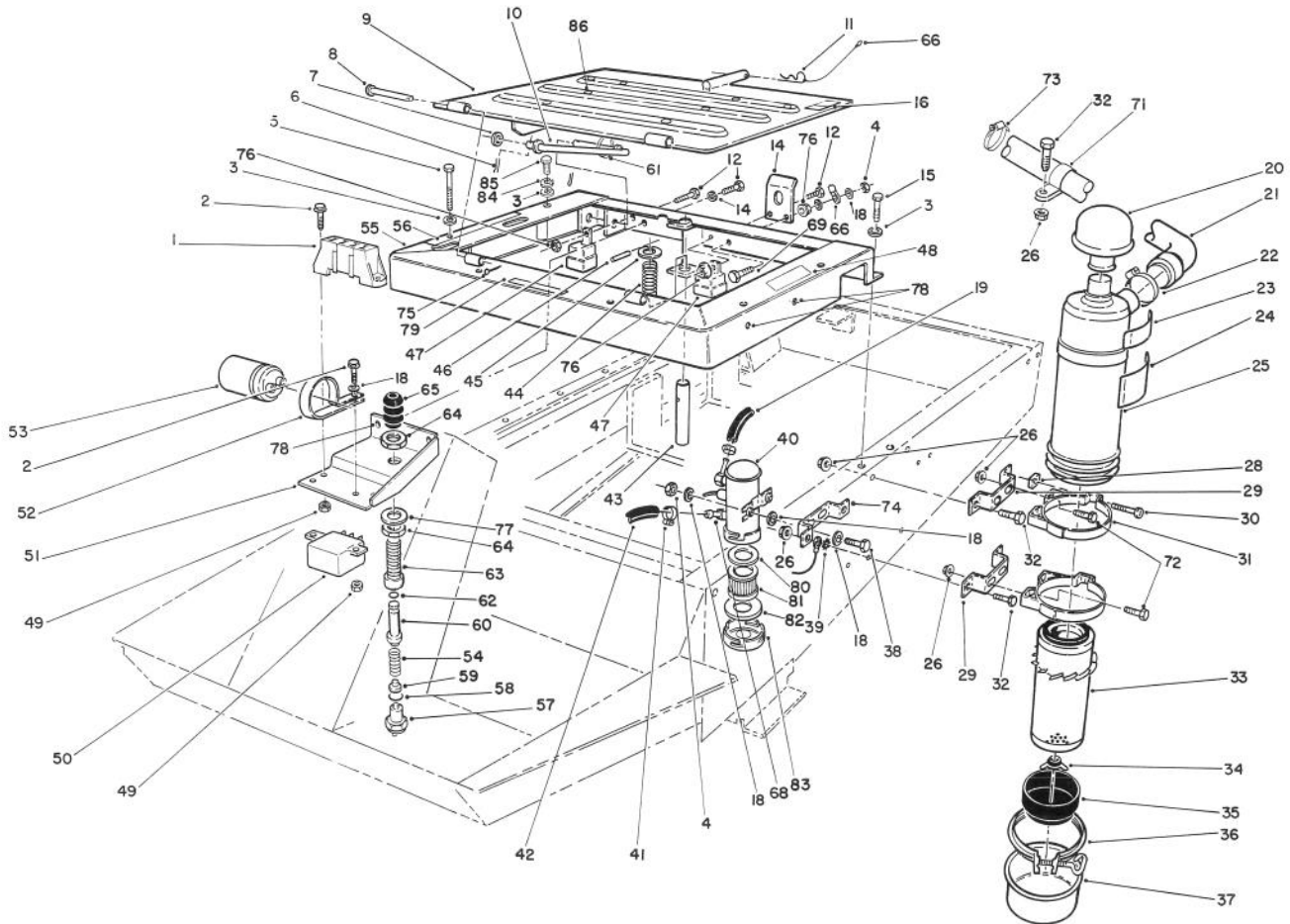


T-0928

FULL TIME 4WD DRIVE SHAFT ASSY. NO. 92-9075 (Opt.)

Ref. No.	Part No.	Description	No. Used
1	32121-34	Pin - Roll	1
2	323-9	Screw - Cap Hex. Hd.	2
3	54-9180	Kit - Joint, Universal	1
4	92-8938	Tube - Yoke, Half-Slip	1

Ref. No.	Part No.	Description	No. Used
5	302-58	Fitting - Grease	
6	72-3450	Yoke - Flange, Split	1
7	32153-2	Nut - Lock	2

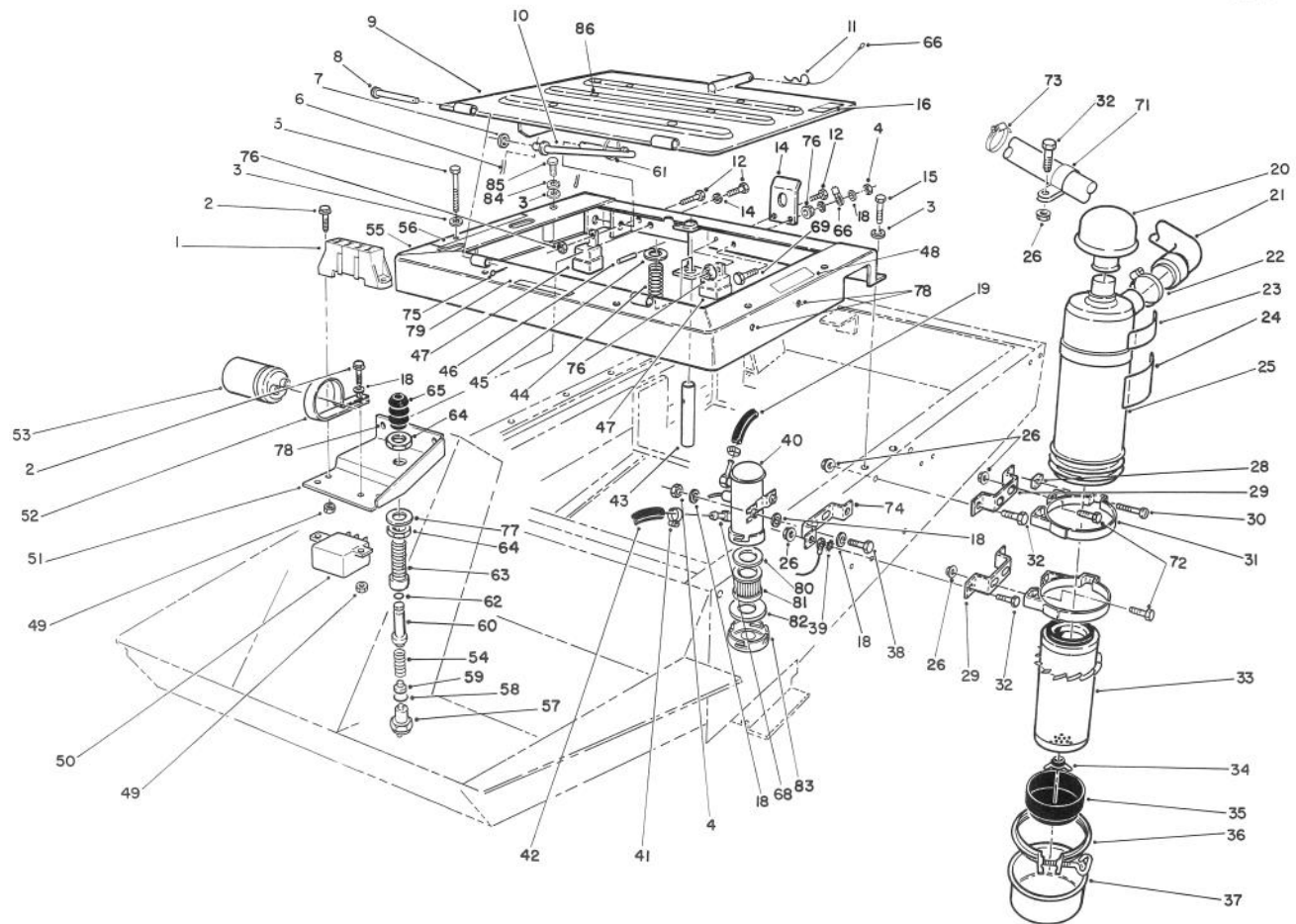


T-1818

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.	4
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. #86)	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	Cap Assembly	1
21	63-6040	Hose - Air Cleaner Inlet	1
22	2412-42	Clamp - Hose	1
23	83-9150	Decal - Starting Fluid	1
24	27-7160	Decal - Instructions	1
25	27-7100	Air Cleaner Assembly (Incl. Ref. #24 & 32-36)	1

Ref. No.	Part No.	Description	No. Used
26	32128-20	Nut - Flange	9
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	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 - Switch, Seat	1



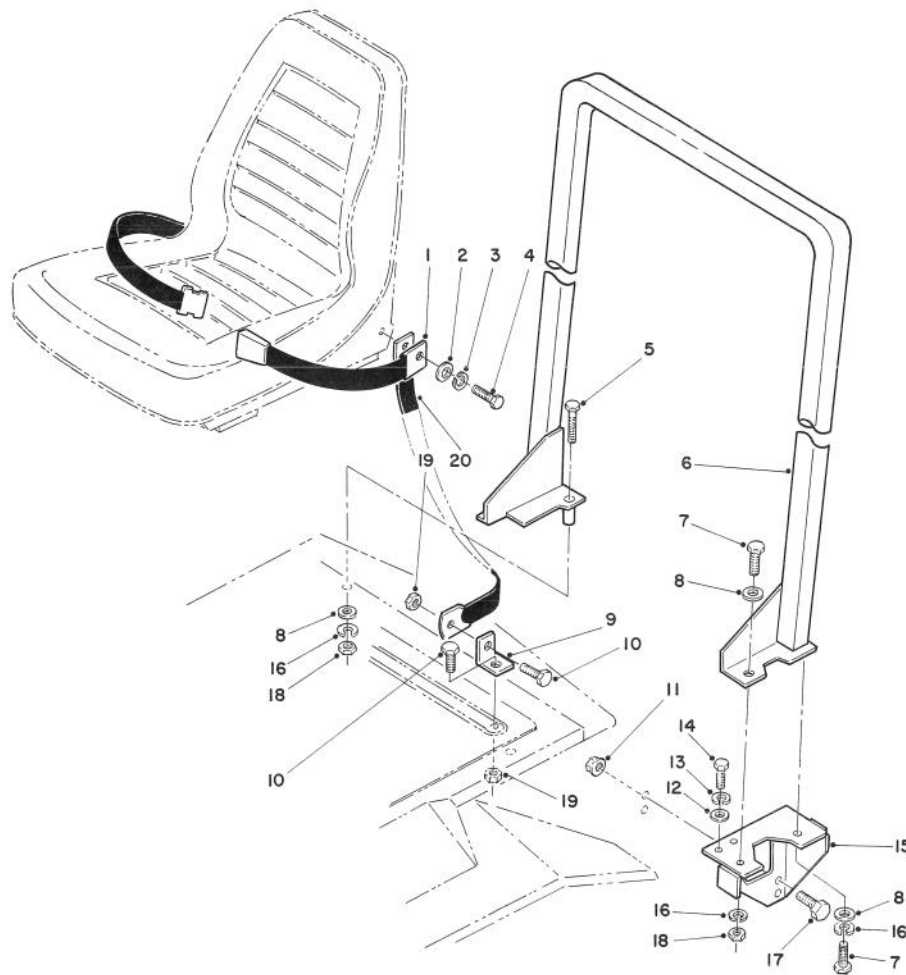
T-1818

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	92-8877	Seat Frame Assembly (Incl. Ref. #48, 56, 78 & 79)	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	3
77	3256-69	Washer - Flat	1
78	32148-6	Nut - Clinch	6
79	92-5773	Decal - Starting Instructions	1
80	43-2570	Gasket	1
81	43-2550	Filter	1
82	43-2560	Gasket	1
83	43-2580	Magnet	1
84	3253-4	Washer - Lock	2
85	322-14	Screw - Cap Hex. Hd.	2
86	32148-9	Nut - Clinch	2
*	43-9071	Switch - Seat (Incl. Ref. #54, 57-60 & 62-65)	1

*Not Illustrated



T-1690

R.O.P.S. ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	72-9390	Seat Belt Assembly	1
2	3256-25	Washer - Flat	2
3	3253-6	Washer - Lock	2
4	3212-4	Screw - Cap Hex. Hd.	2
5	325-14	Screw - Cap Hex. Hd.	2
6	92-5518	Frame - R.O.P.S.	1
7	325-5	Screw - Cap Hex. Hd.	4
8	3256-26	Washer - Flat	6
9	92-5515	Bracket - Tie Down	2
10	324-4	Screw - Cap Hex. Hd.	4
11	32128-23	Nut - Flange Lock	4

Ref. No.	Part No.	Description	No. Used
12	3256-23	Washer - Flat	2
13	3253-4	Washer - Lock	2
14	322-14	Screw - Cap Hex. Hd.	2
15	92-5517	Bracket - R.O.P.S. LH	1
*	92-5516	Bracket - R.O.P.S. RH	1
16	3253-7	Washer - Lock	6
17	325-9	Screw - Cap Hex. Hd.	4
18	3217-9	Nut - Lock	4
19	3296-48	Nut - Lock	4
20	92-5521	Strap - Tie Down	2

*Not Illustrated

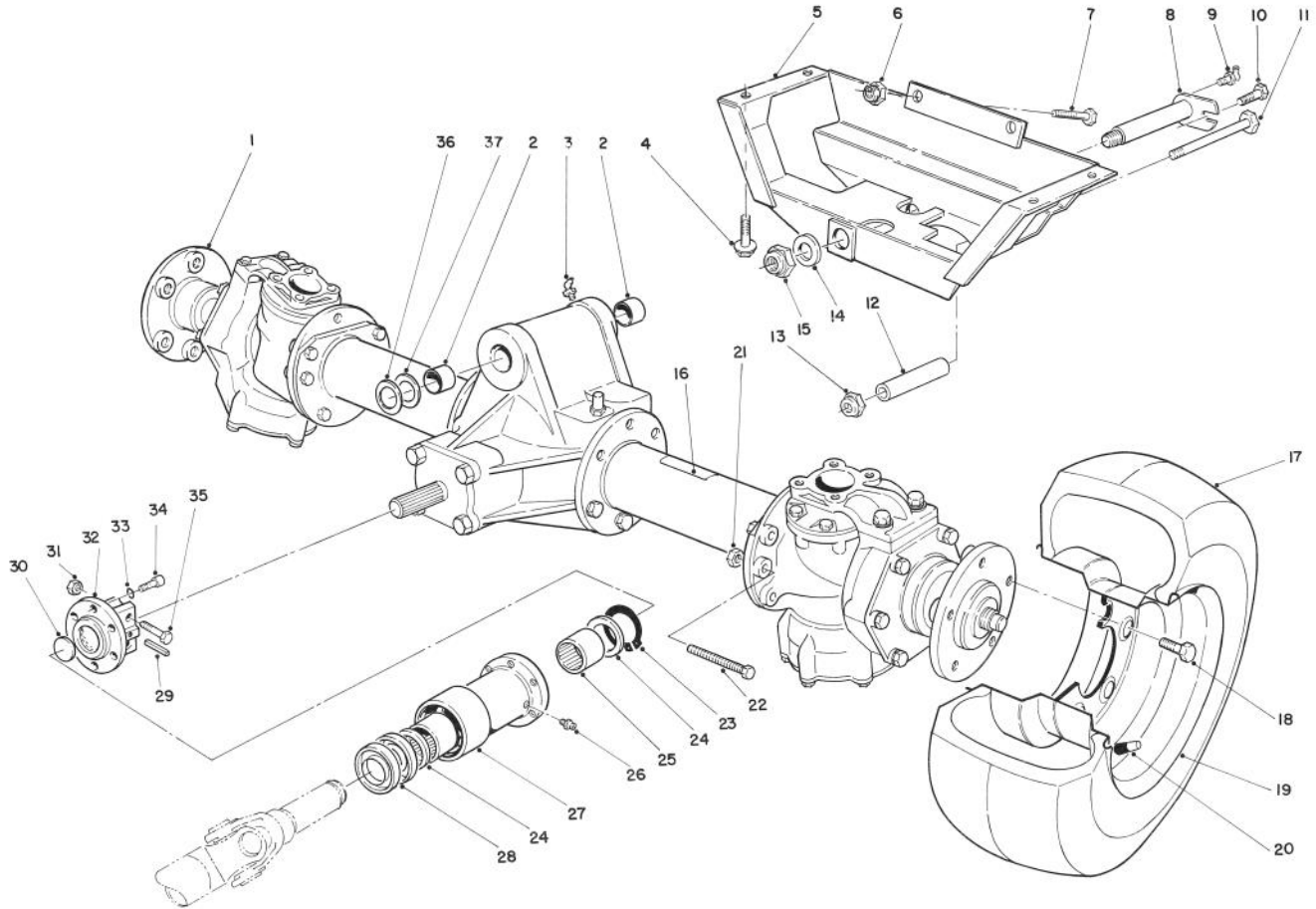


T-1692

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	322-2	Screw - Cap Hex. Hd.	2
4	3256-23	Washer - Flat	2

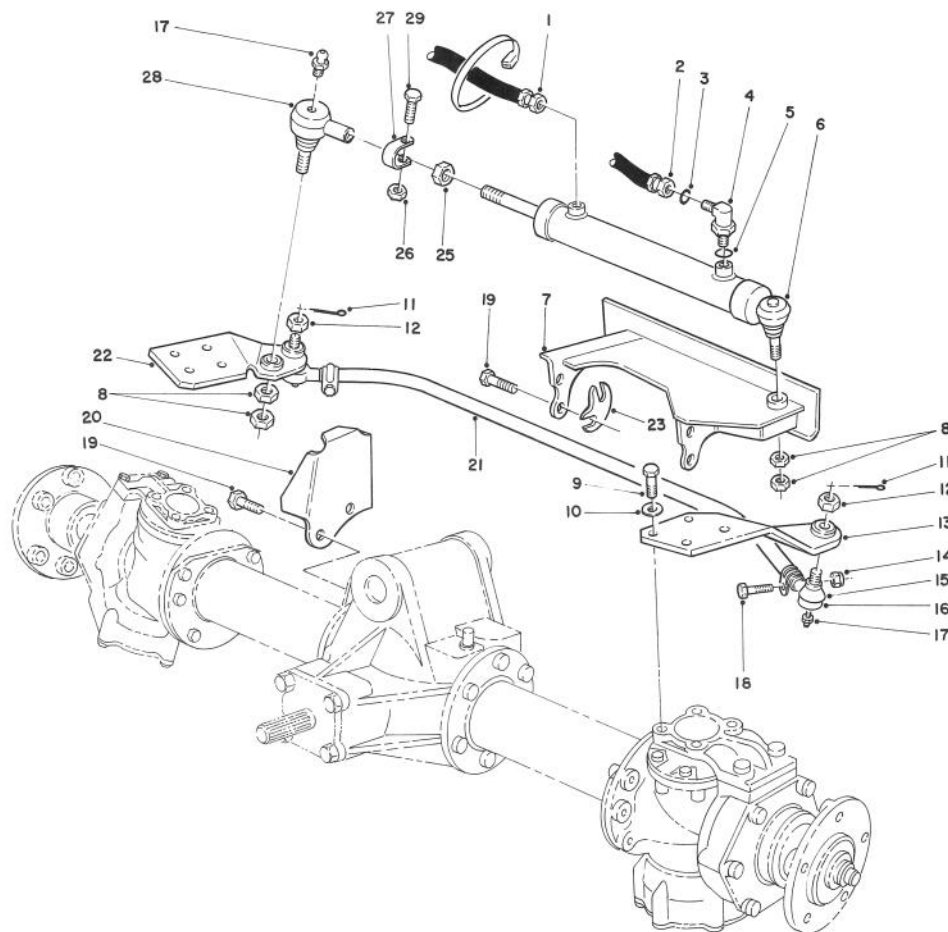


T-1689A

REAR AXLE INSTALLATION ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	68-6822	Rear Axle Assembly	1
2	67-1750	Bushing	2
3	302-59	Plug - Grease	1
4	3234-25	Screw - Flange	4
5	92-5053	Frame - Rear	1
6	3296-25	Nut - Lock	2
7	325-5	Screw - Cap Hex. Hd.	2
8	92-5050	Pin - Rear Axle	1
9	302-33	Fitting - Grease 90°	1
10	32144-14	Screw - Cap Hex. Hd.	1
11	325-23	Screw - Cap Hex. Hd.	1
12	92-5090	Stop - Rear Axle	1
13	3296-45	Nut - Lock	1
14	71-4540	Washer	1
15	3296-51	Nut - Lock	1
16	70-2560	Decal - Lube	1
17	231-122	Tire	2
18	71-4450	Bolt - Wheel	10
19	217-106	Wheel	2

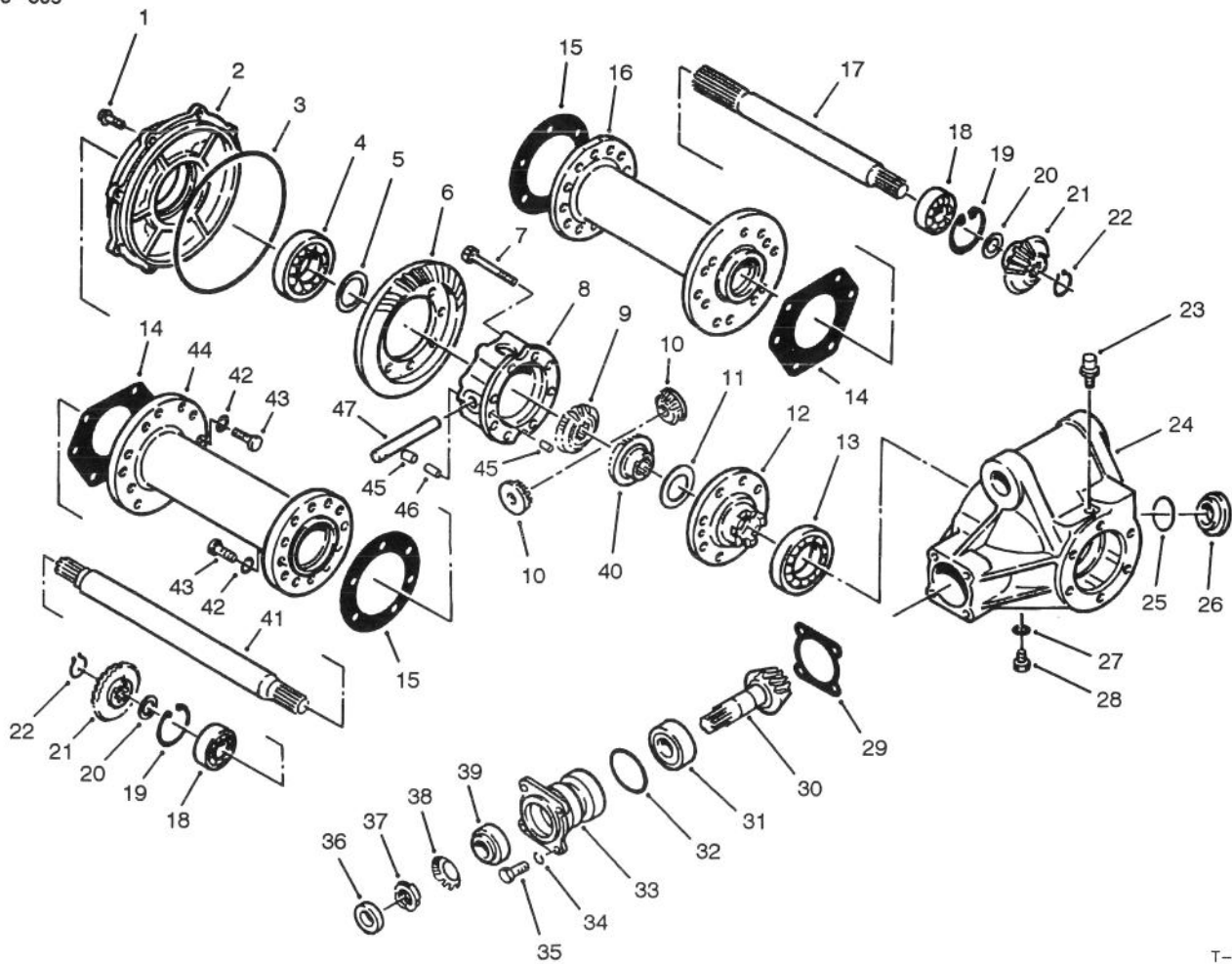
Ref. No.	Part No.	Description	No. Used
20	232-27	Stem - Valve	2
21	48-7960	Nut	2
22	71-4690	Screw - Cap Hex. Hd.	2
23	32151-87	Ring - Retaining	1
24	71-4590	Washer - Thrust	2
25	71-4580	Clutch - Roller	2
26	302-5	Fitting - Grease	1
27	71-4570	Housing - Clutch	1
28	253-155	Seal	2
29	32121-34	Pin - Roll	1
30	284-3	Plug - Welch	1
31	3296-29	Nut - Lock	2
32	76-4690	Coupling - Axle	1
33	3253-3	Washer - Lock	6
34	3274-64	Screw - Cap Hex. Hd.	6
35	322-8	Screw - Cap Hex. Hd.	2
36	56-2460	Washer - Flat	A/R
37	5-1226	Washer	A/R



T-1693A

STEERING LINKAGE ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	92-5080	Hose - Hydraulic	1	17	302-55	Fitting - Grease	3
2	92-5081	Hose - Hydraulic	1	18	323-9	Screw - Cap, Hex. Hd.	2
3	237-21	Seal - O-Ring	2	19	3215-3	Screw	6
4	340-132	Fitting - Hydraulic 90° (Incl. Ref. #3 & 5)	2	20	92-5511	Stop - Oscillation	2
5	237-78	Seal - O-Ring	2	21	71-4750	Tube & Clamp Assembly	1
6	92-5529	Hydraulic Cylinder Assembly	1	*	71-4530	Tie Rod Assembly (Incl. Ref.#12, 14, 15, 16, 17, 18 & 21)	1
7	92-5061	Support - Cylinder	1	22	92-5070	Arm - Steering RH	1
8	3220-11	Nut - Jam	4	23	83-5180	Shim - Axle	A/R
9	48-7780	Screw - Cap Hex. Hd.	8	25	3220-5	Nut - Jam	1
10	48-9220	Washer - Flat	8	26	3296-4	Nut - Lock	1
11	3272-11	Pin - Cotter	2	27		Clamp - Rod End	1
12	32136-13	Nut - Slotted	2	28	92-5072	Rod End Assembly (Incl. Ref.#17, 26 & 29)	1
13	92-5067	Arm - Steering LH	1	29	3210-7	Screw - Cap Hex. Hd.	1
14	3296-39	Nut - Lock	2				
15	71-4760	Seal - Rod	2				
16	2411-45	Rod End (Incl. Ref. #12, 15 & 17)	2				

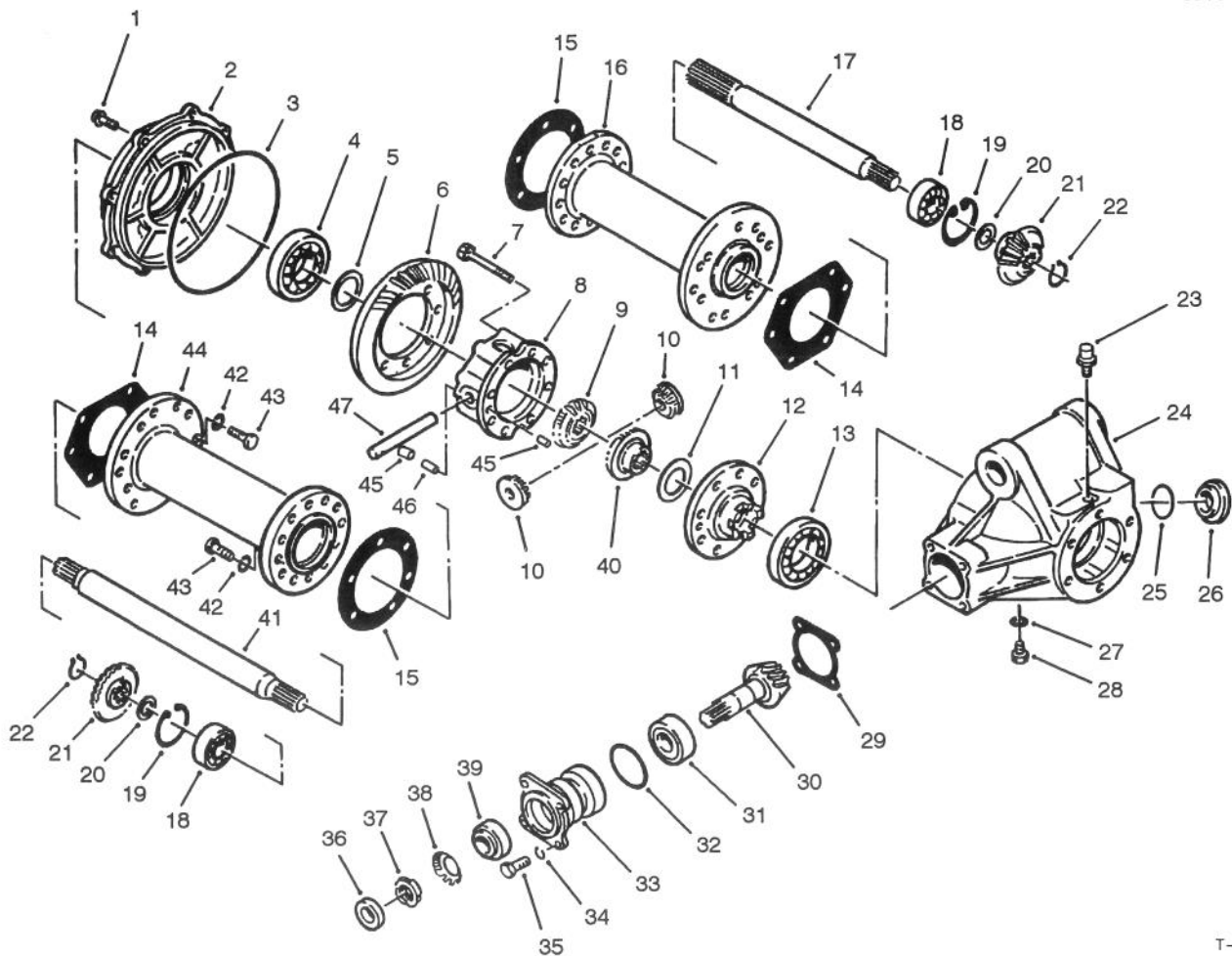


T-1305

REAR AXLE ASSEMBLY NO. 68-6822

Ref. No.	Part No.	Description	No. Used
1	72-5800	Bolt	8
2	72-4880	Cover	1
3	72-4890	O-Ring	1
4	251-344	Bearing - Ball	1
5	72-4960	Shim .1 mm	1
*	72-4970	Shim .15 mm	1
*	72-4980	Shim .5 mm	1
*	72-4990	Shim .8 mm	1
*	72-5000	Shim 1.0 mm	1
*	72-5010	Shim 1.2 mm	1
6		Gear - Bevel	1
7	72-5810	Bolt	8
8	72-4900	Case - Differential	1
9	72-4930	Gear - Side	1
10	72-4950	Gear - Pinion	2
11	72-5040	Washer - Gear	1
12	72-4910	Flange - Case	1
13	251-345	Bearing - Ball	1
14	72-5080	Gasket	2
15	72-5070	Gasket	2
16	72-5050	Tube - Axle RH	1
17	72-5060	Axle - RH	1
18	251-350	Bearing - Ball	2
19	72-5360	Ring - Retaining	2
20	72-5100	Spacer	2
21	72-5090	Gear - Bevel	2

Ref. No.	Part No.	Description	No. Used
22	72-5370	Ring - Retaining	2
23	72-5130	Vent	1
24	72-4870	Case - Differential	1
25	72-5140	O-Ring	1
26	72-5150	Plug	1
27	72-5840	Gasket	1
28	72-5820	Plug	1
29	72-5160	Shim .1mm	1
*	72-5170	Shim .15 mm	1
*	72-5180	Shim .5 mm	1
*	72-5190	Shim .8 mm	1
*	72-5200	Shim 1.0 mm	1
*	72-5210	Shim 1.2 mm	1
30		Gear - Pinion	1
31	254-108	Bearing - Tapered Roller	1
32	72-5460	O-Ring	1
33	83-5350	Case - Bearing	1
34	42-9850	Washer - Lock M8	8
35	48-9460	Bolt - Hex. Hd.	4
36	83-5360	Seal - Oil	1
37	83-5340	Nut - Bearing	1
38	83-5330	Washer - Bearing	1
39	254-109	Bearing - Tapered Roller	1
40	72-4940	Gear - Side	1
41	72-5120	Axle - LH	1
42	42-9600	Washer - Lock M10	24

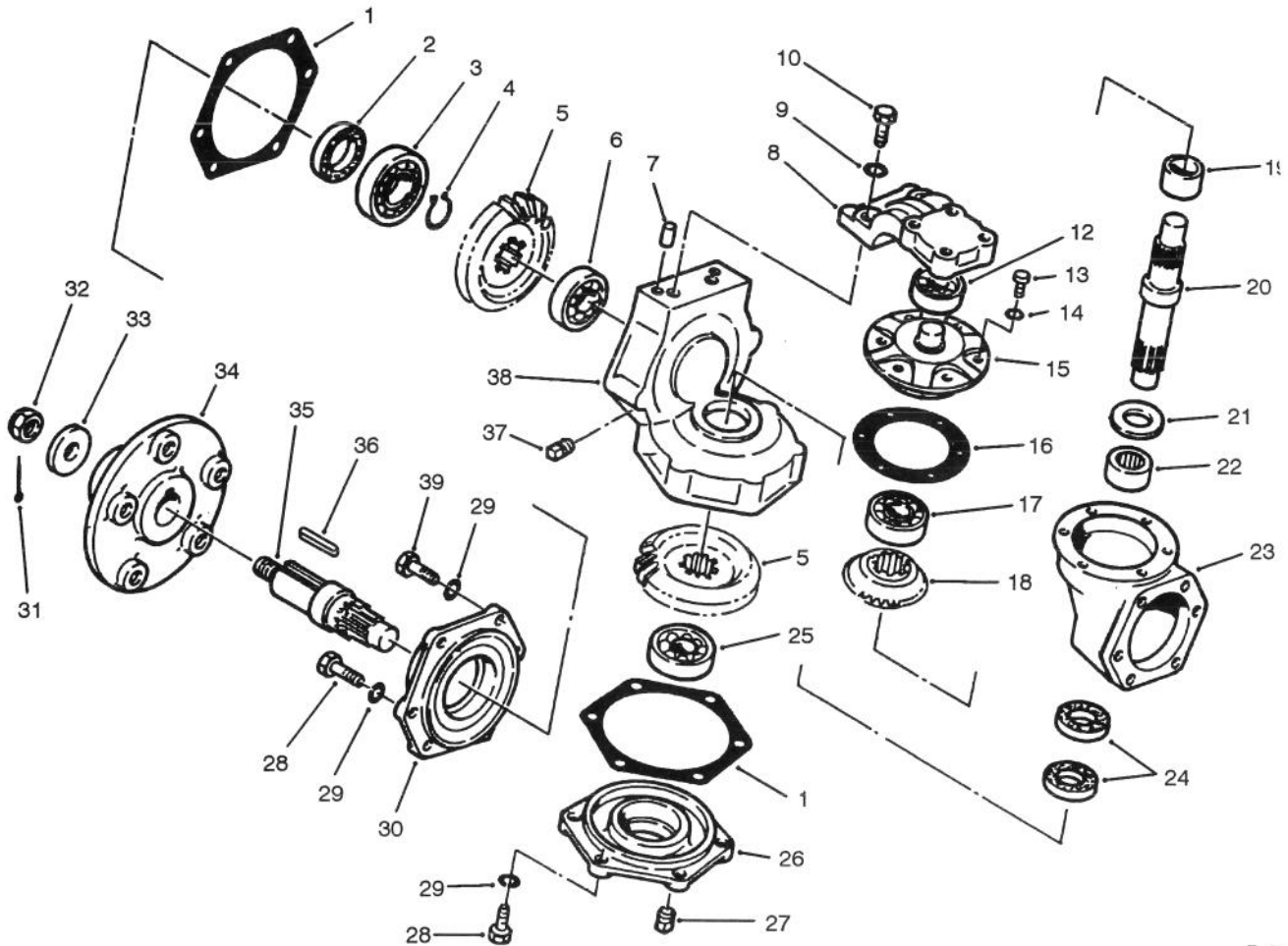


T-1305

REAR AXLE ASSEMBLY NO. 68-6822 (Continued)

Ref. No.	Part No.	Description	No. Used
43	48-9470	Bolt - M10 x 30	24
44	72-5110	Tube - Axle LH	1
45	72-5030	Pin - Dowel	2
46	72-5440	Pin - Spring	1

Ref. No.	Part No.	Description	No. Used
47	72-5020	Shaft - Pinion	1
*	77-2970	Ring & Pinion Assembly (Incl. Ref.#6 & 30)	1

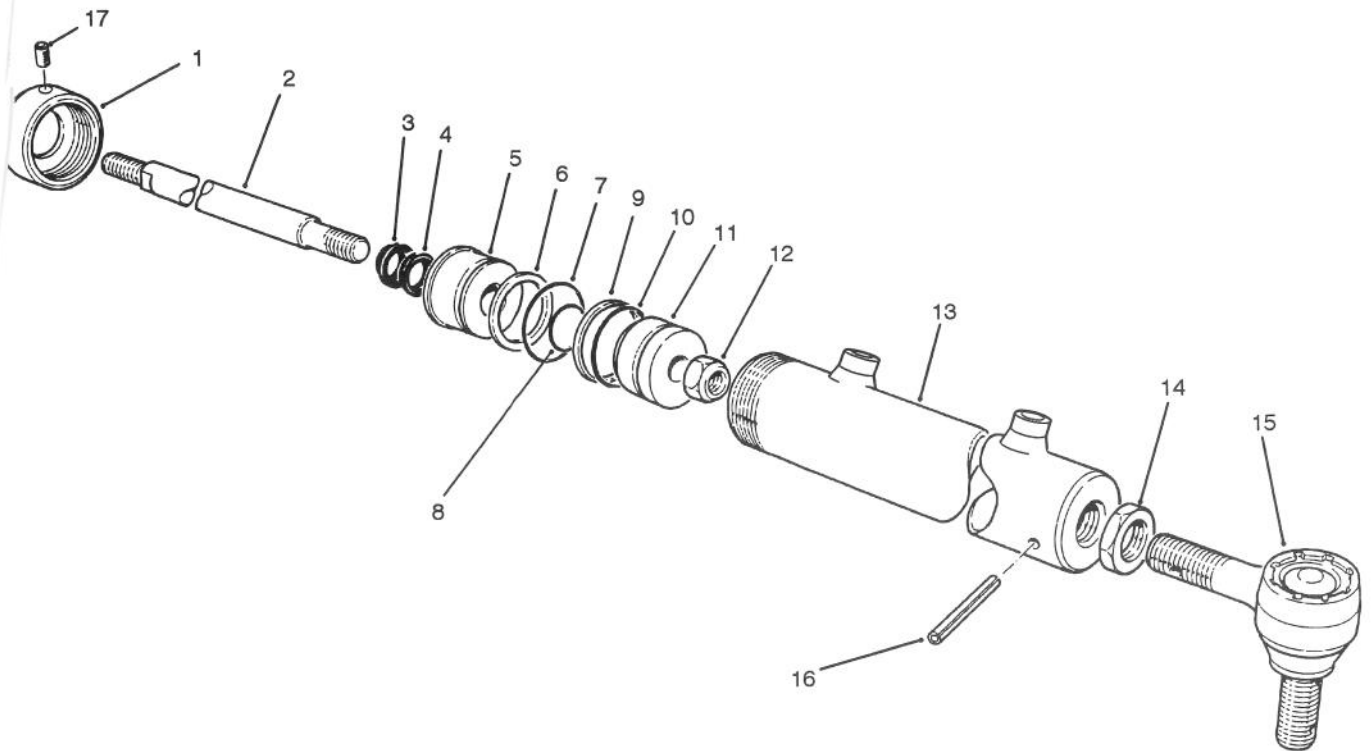


T-0912

REAR AXLE ASSEMBLY NO. 68-6822 (Continued)

Ref. No.	Part No.	Description	No. Used
1	72-5620	Gasket	4
2	72-5740	Seal - Oil	2
3	251-348	Bearing - Ball	2
4	72-5720	Ring - Retaining	2
5	72-5580	Gear - Bevel	4
6	251-8	Bearing - Ball	2
7	72-5670	Pin - Dowel	4
8	77-2980	Arm - Knuckle	2
9	42-9600	Washer - Lock	28
10	48-9470	Screw - Cap, M10 x 30	4
12	251-347	Bearing - Ball	2
13	72-5790	Screw - Cap, M6 x 18	12
14	43-5930	Washer - Lock	12
15	72-5590	Retainer - Bearing	2
16	72-5630	Gasket	2
17	251-349	Bearing - Ball	2
18	72-5090	Gear - Bevel	2
19	72-5680	Spacer	2
20	72-5560	Pin - King, Knuckle	2

Ref. No.	Part No.	Description	No. Used
21	72-5600	Washer - Thrust	2
22	72-5640	Bearing - Needle	2
23	72-5510	Gear Box - Axle	2
24	72-5730	Seal - Oil	4
25	251-263	Bearing - Ball	2
26	72-5550	Cover	2
27	281-10	Plug - Socket, Hex.	2
28	48-9460	Screw - Cap, M8 x 25	20
29	42-9850	Washer - Lock, M8	28
30	72-5540	Case - Knuckle	2
31	3272-17	Pin - Cotter	2
32	72-5770	Nut - Castle	2
33	72-5660	Washer - Shaft, Wheel	2
34	72-5650	Hub - Wheel	2
35	72-5570	Shaft - Axle, Outer	2
36	72-5780	Key	2
37	281-7	Plug - Pipe, Square Hd.	2
38	72-5520	Case - Knuckle	2
39	48-7710	Screw - Cap, M8 x 20	4



T-1694

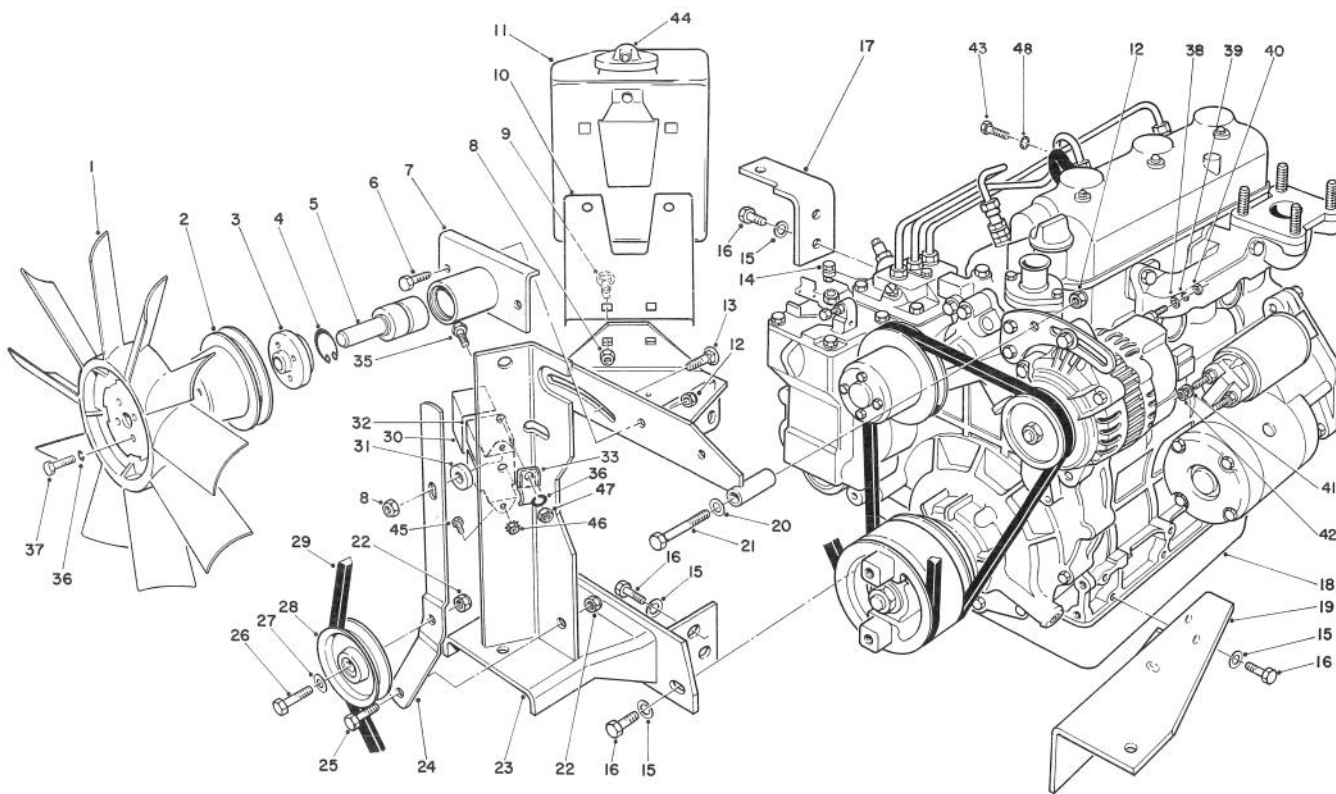
HYDRAULIC CYLINDER NO. 92-5529

Ref. No.	Part No.	Description	No. Used
1	92-5705	Cap - Threaded	1
2	92-5704	Rod	1
†3		Wiper - Rod	1
†4		U-Cup	1
5	92-5706	Head - Cap	1
†6		Backup Washer	1
†7		O-Ring	1
†8		O-Ring	1
†9		Servon	1
†10		O-Ring	1

Ref. No.	Part No.	Description	No. Used
11	92-5703	Piston	1
12	88-3590	Nut - Lock	1
†13		Barrel Assembly	1
14	82-5740	Nut - Jam	1
15	82-5730	Rod End	1
16	32121-44	Pin - Roll	1
17	92-5708	Screw - Set	1
*	92-5707	Seal Repair Kit (Incl. Ref. #3, 4, & 6-10)	1

*Not Illustrated

†Not Serviceable Separately

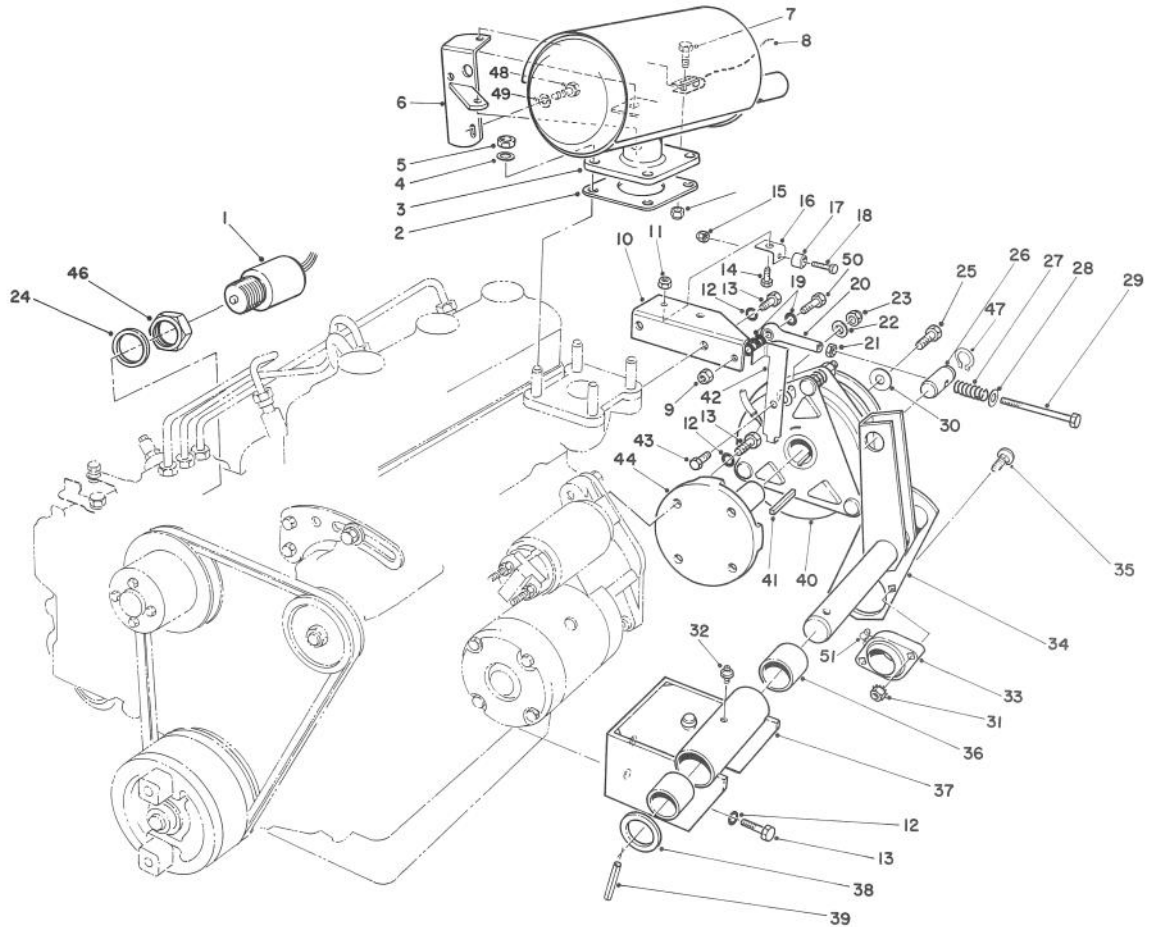


T-0542B

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	Expansion Tank Assembly (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	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	5-0652	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 ITLW	1
49	63-7340	Wire - Ground	1



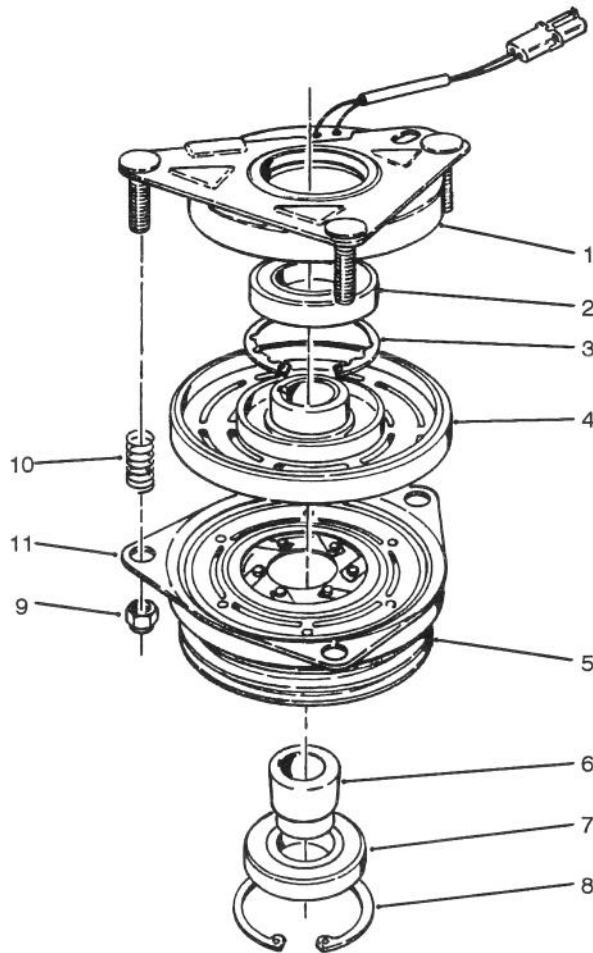
T-0543B

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 Assembly (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

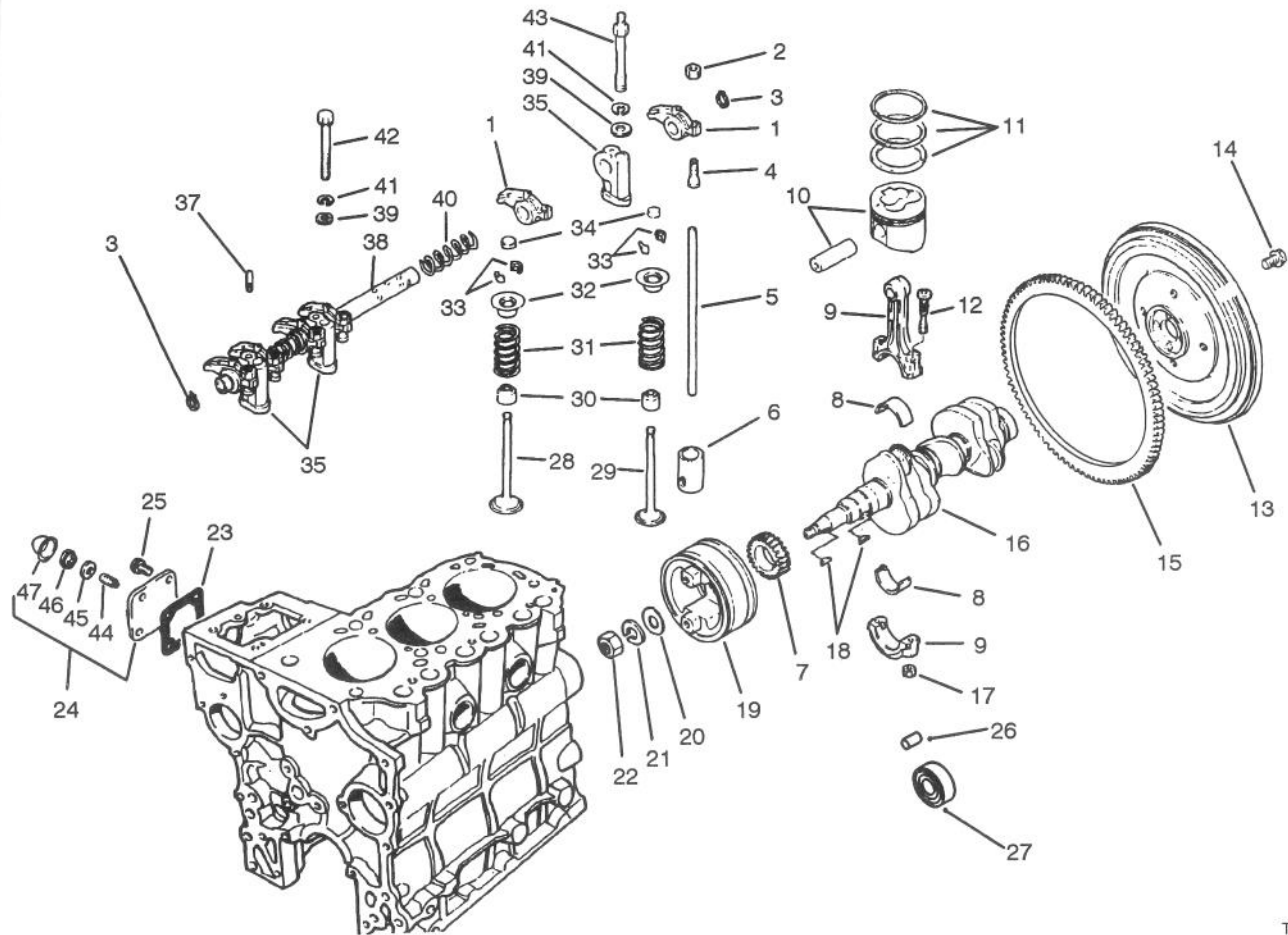
*Not Illustrated



T-0544

CLUTCH ASSEMBLY NO. 63-6050

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	67-7050	Field Rotor Assembly (Incl. Ref. #2-4)	1	6	67-7080	Collar - Bearing	1
2		Bearing - Field	1	7	67-7090	Bearing - Pulley	1
3		Ring - Retaining	1	8	67-7060	Ring - Retaining	1
4		Field Coil Assembly	1	9	3296-6	Nut - Lock	3
5	67-7070	Armature & Pulley Assembly (Incl. Ref. #6-8)	1	10	44-8320	Spring	3
				11	67-7100	Plate - Brake	1

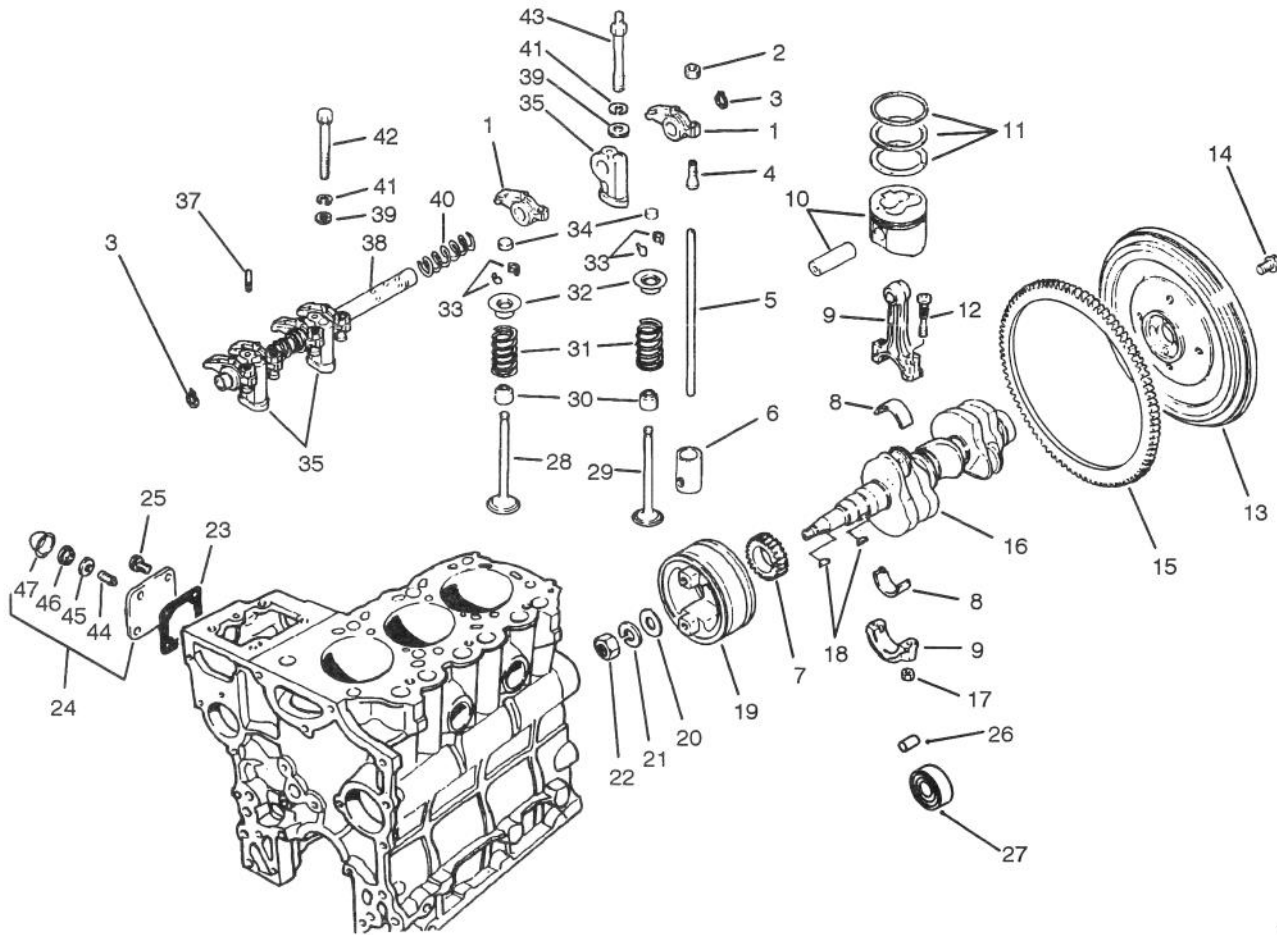


T-0565

VALVES AND CRANKSHAFT ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	67-3160	Arm-Rocker	6	15	67-2980	Gear - Ring	1
2	67-3230	Nut - Jam	6	16	92-0845	Crankshaft	1
3	67-3240	Snap Ring	2	17	42-9590	Nut	6
4	67-3210	Screw - Adjusting	6	18	56-0480	Key - Woodruff	2
5	67-3150	Rod-Push	6	19	67-2930	Pulley - Crankshaft	1
6	67-3120	Tappet	6	20	67-2950	Washer	1
7	67-2910	Gear	1	21	67-2960	Washer - Lock	1
8	75-5010	Bearing Set STD	3	22	67-2940	Nut - Jam	1
*	67-2890	Bearing Set 0.25 mm US	3	23	67-4310	Gasket	1
*	67-2900	Bearing Set 0.50 mm US	3	24	75-5110	Cover Assy. (Incl. Ref. #44-47)	1
9	67-2850	Connecting Rod Assembly (Incl. Ref. #12 & 17)	3	25	42-9440	Bolt W/Washer	4
10	75-5080	Piston & Pin Set STD	3	28	67-3130	Valve - Intake	3
*	75-5090	Piston & Pin Set 0.25 mm OS	3	29	67-3140	Valve - Exhaust	3
*	75-5100	Piston & Pin Set 0.50 mm OS	3	30	42-7870	Seal	6
11	75-5050	Ring Set STD	3	31	67-3110	Spring	6
*	75-5060	Ring Set 0.25 mm OS	3	32	67-3100	Retainer	6
*	75-5070	Ring Set 0.50 mm OS	3	33	42-7860	Lock	12
12	67-2860	Bolt	6	34	67-3180	Cap	6
13	67-2970	Flywheel Assembly (Incl. Ref. #14)	1	35	67-3200	Stay - Rocker	3
14	67-2990	Bolt	4	37	67-3220	Pin	1
				38	67-3190	Rocker Shaft Assembly	1
				39	42-9660	Washer	3
				40	67-3170	Spring	2

*Not Illustrated

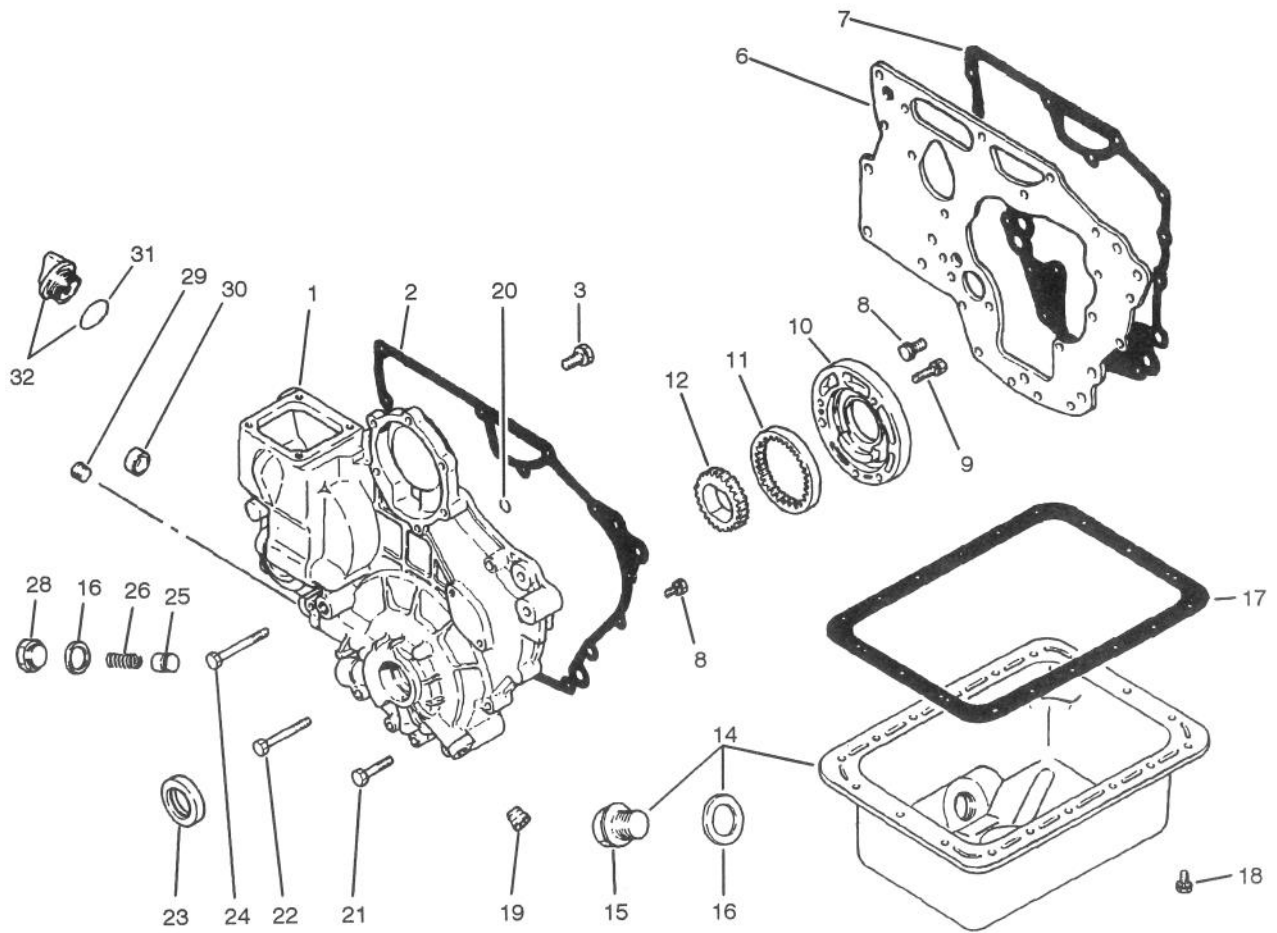


T-0565

VALVES AND CRANKSHAFT ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
41	67-3260	Washer	3
42	42-9510	Bolt	1
43	67-3250	Bolt-Rocker Stay	2
44	43-3160	Screw - Adjusting	1

Ref. No.	Part No.	Description	No. Used
45	75-5120	Gasket	1
46	43-5960	Nut - Special	1
47	43-2820	Cap - Sealing	1



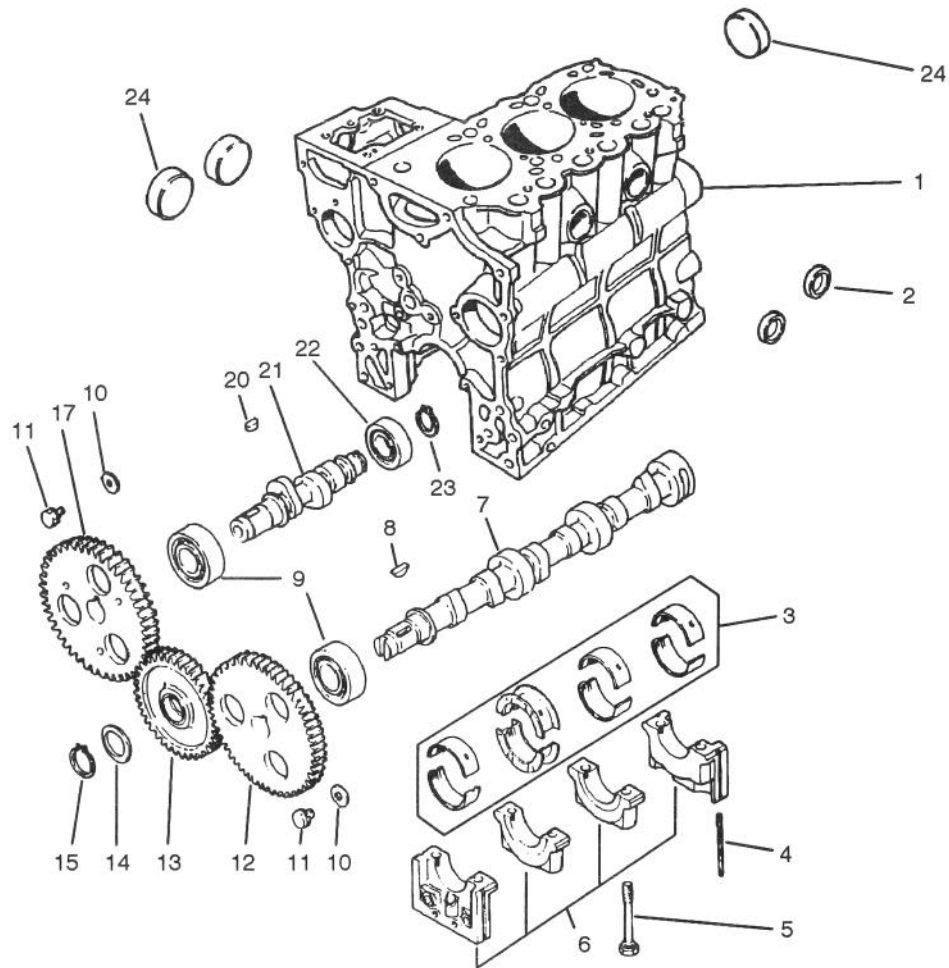
T-0567

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



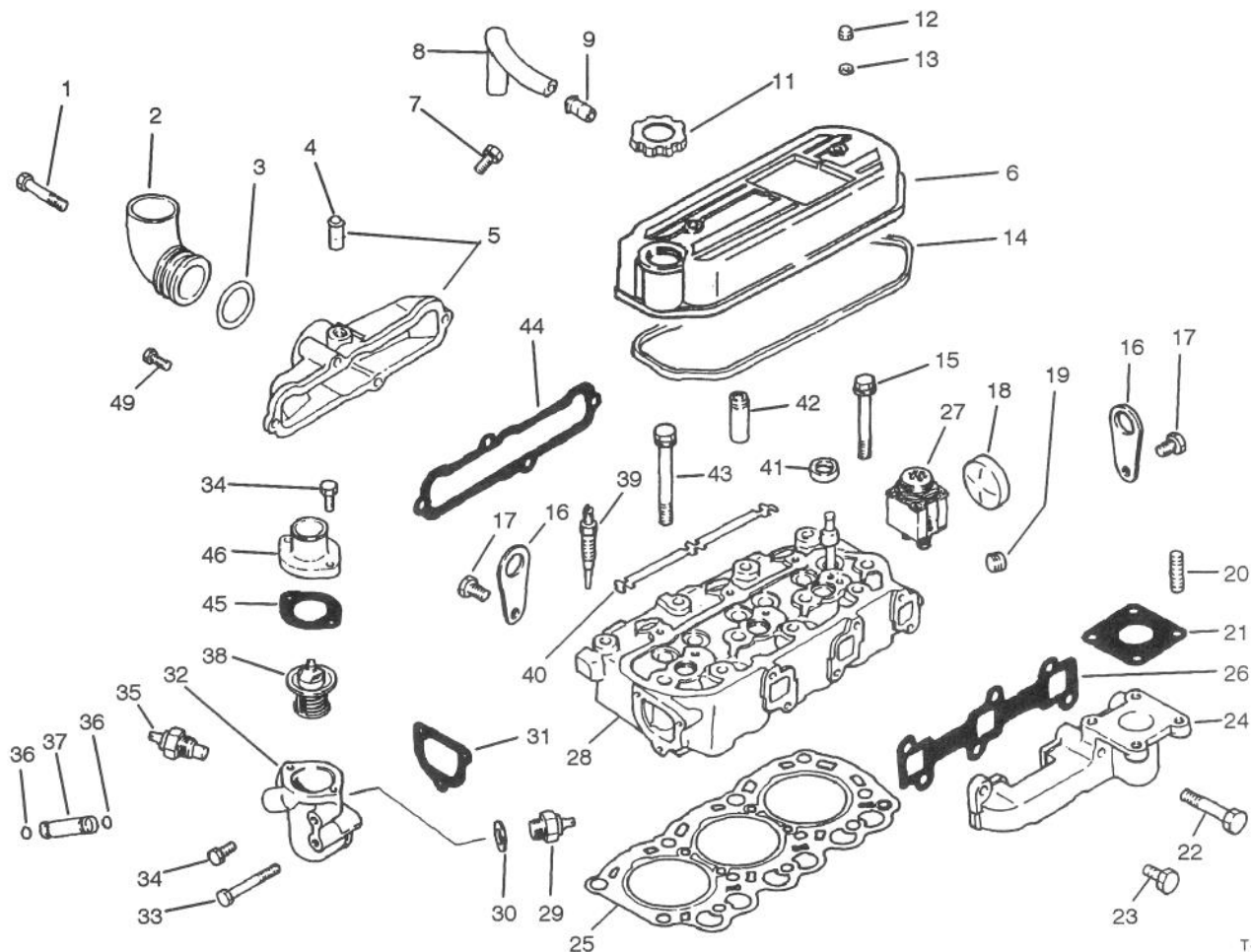
T-0564

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

*Not Illustrated

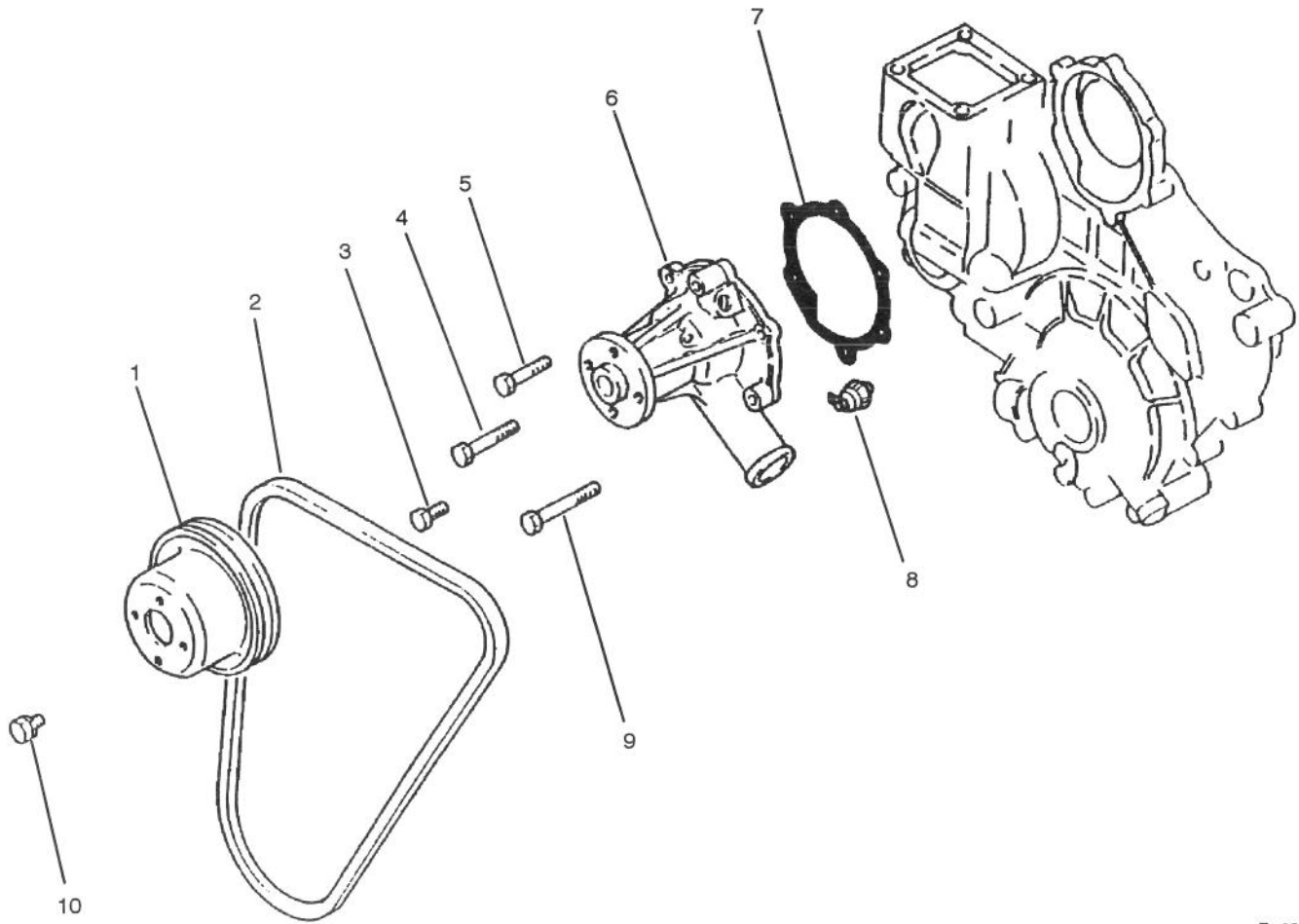


T-0566B

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

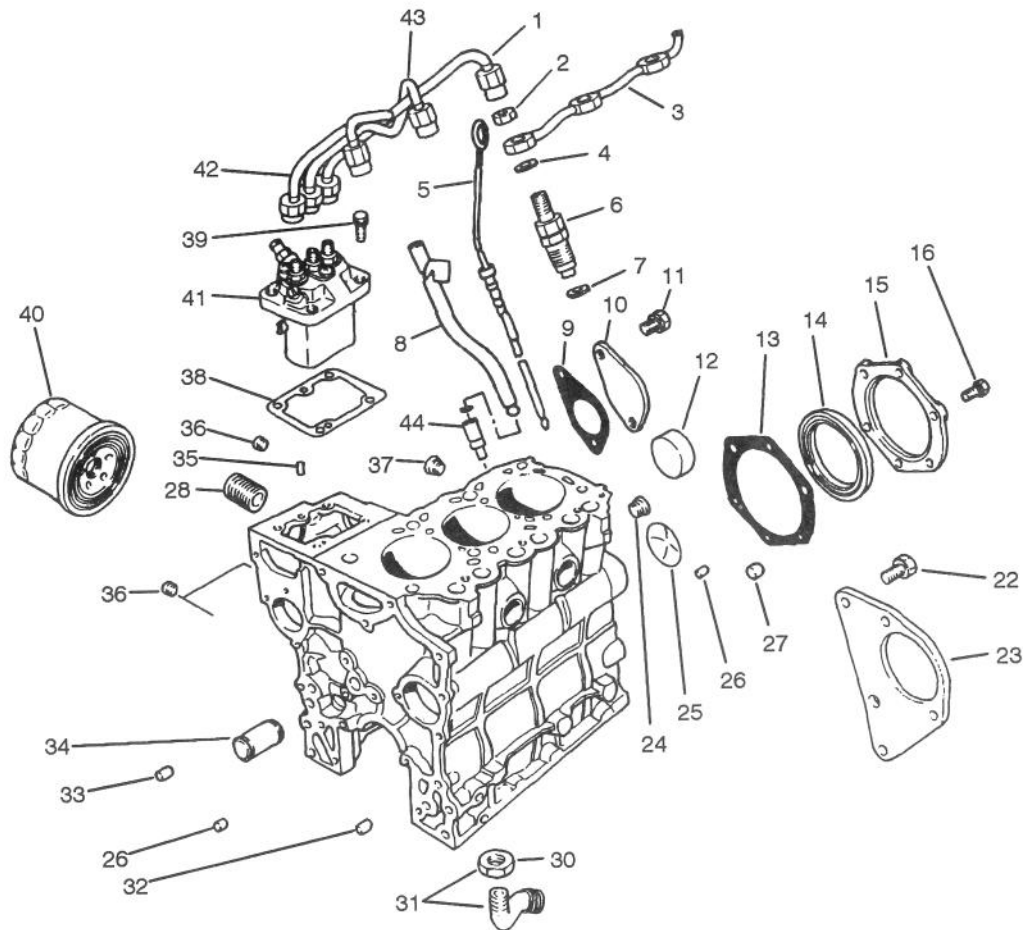


T-0568

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

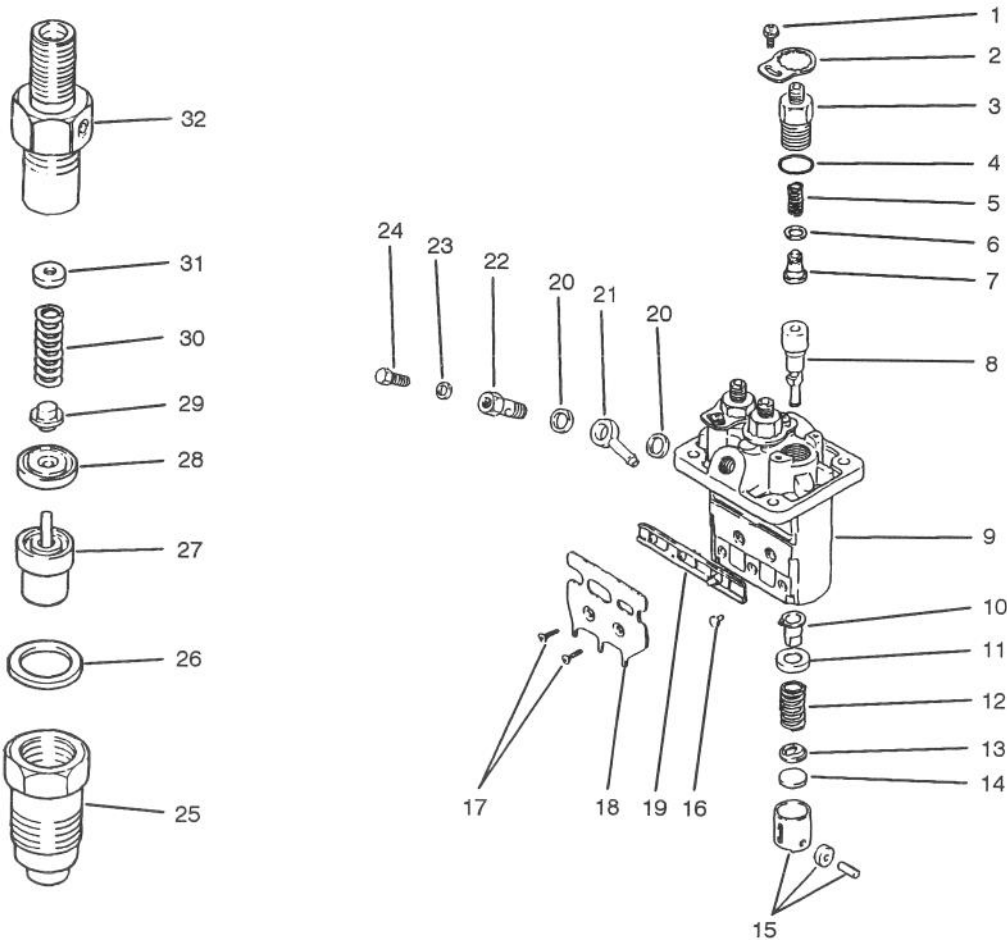


T-1801

FUEL SUPPLY & ENGINE BLOCK ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	67-3420	Pipe Assy. No. 3	1	31	67-4340	Screen Assembly (Incl. Ref. #30)	1
2	67-3430	Nut	3	32	67-2370	Bushing - Knock	1
3	70-8700	Pipe - Fuel Return	1	33	42-7190	Bushing - Knock	2
4	67-3440	Gasket	3	34	67-2260	Shaft-Idler	1
5	70-8880	Dipstick	1	35	56-0220	Pin - Dowel	2
6	67-3380	Nozzle & Holder Assembly	1	36	67-2210	Plug - Taper	3
7	67-3390	Gasket - Nozzle Holder	3	37	56-0100	Plug - Taper	1
8	70-8870	Guide - Oil Level	1	38	67-3280	Shim 0.2 mm	1
9	67-2300	Gasket	1	*	67-3290	Shim 0.3 mm	1
10	67-2290	Cover	1	*	67-3300	Shim 0.5 mm	1
11	67-2340	Bolt W/Washer	2	*	67-3310	Shim 0.4 mm	1
12	56-0020	Plug-Expansion	3	*	67-3320	Shim 0.6 mm	1
13	67-2280	Gasket-Seal, Oil	1	*	67-3330	Shim 0.7 mm	1
14	67-2230	Seal-Oil	1	*	67-3340	Shim 0.8 mm	1
15	67-2270	Case - Oil Seal	1	*	67-3350	Shim 0.9 mm	1
16	67-2330	Bolt	1	*	67-3360	Shim 1.0 mm	1
22	67-2440	Bolt W/Washer	3	39	67-3370	Bolt W/Washer	4
23	67-2430	Bracket - Starter	1	40	67-4330	Oil Filter Assembly	1
24	67-2390	Plug - Taper	1	41	75-5020	Injector Pump Assembly	1
25	67-2350	Plug - Expansion	1	42	67-3400	Pipe Assy. No. 1	1
26	67-2360	Bushing - Knock	2	43	67-3410	Pipe Assy. No. 2	1
27	67-2380	Bushing - Knock	3	44	82-8110	Retainer - Oil Guide	1
28	56-1230	Shaft - Oil Filter	1				
30	42-9650	Nut - Jam	1				

*Not Illustrated



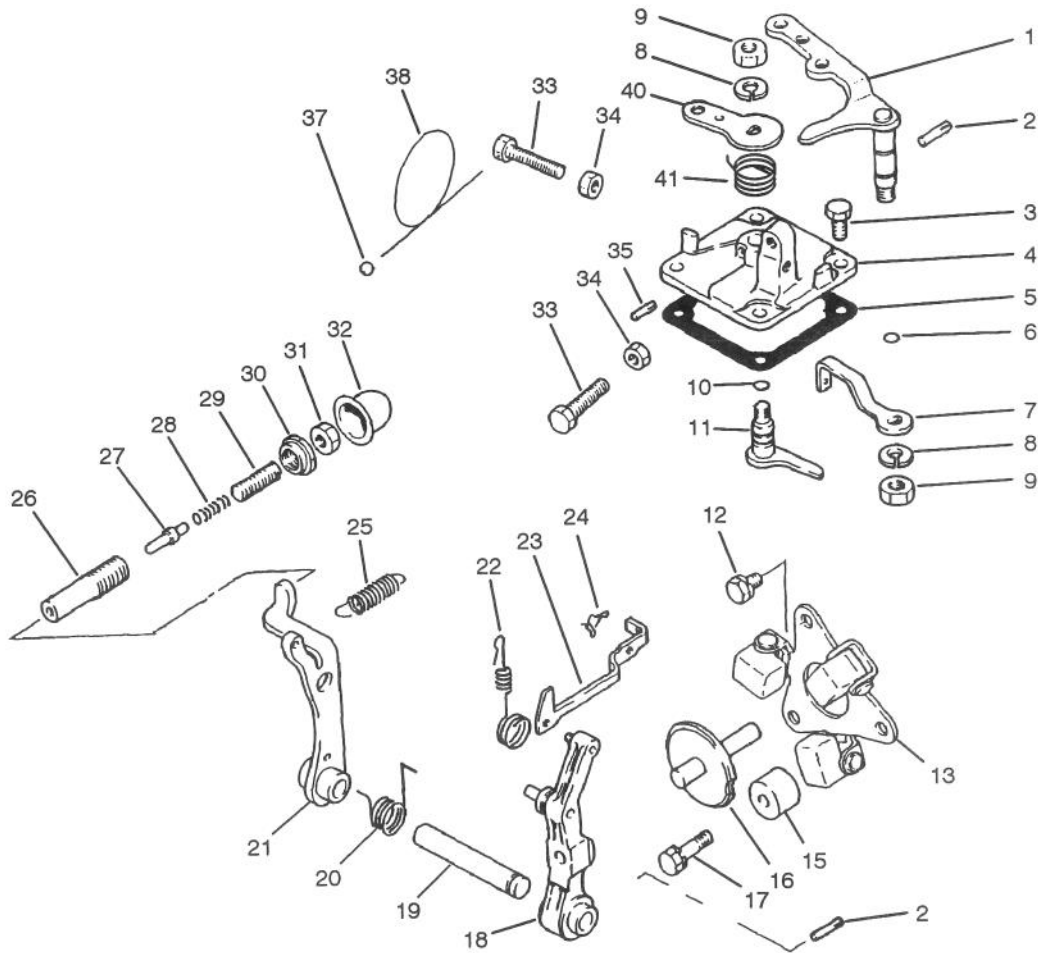
T-0570

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
14	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
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
31	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



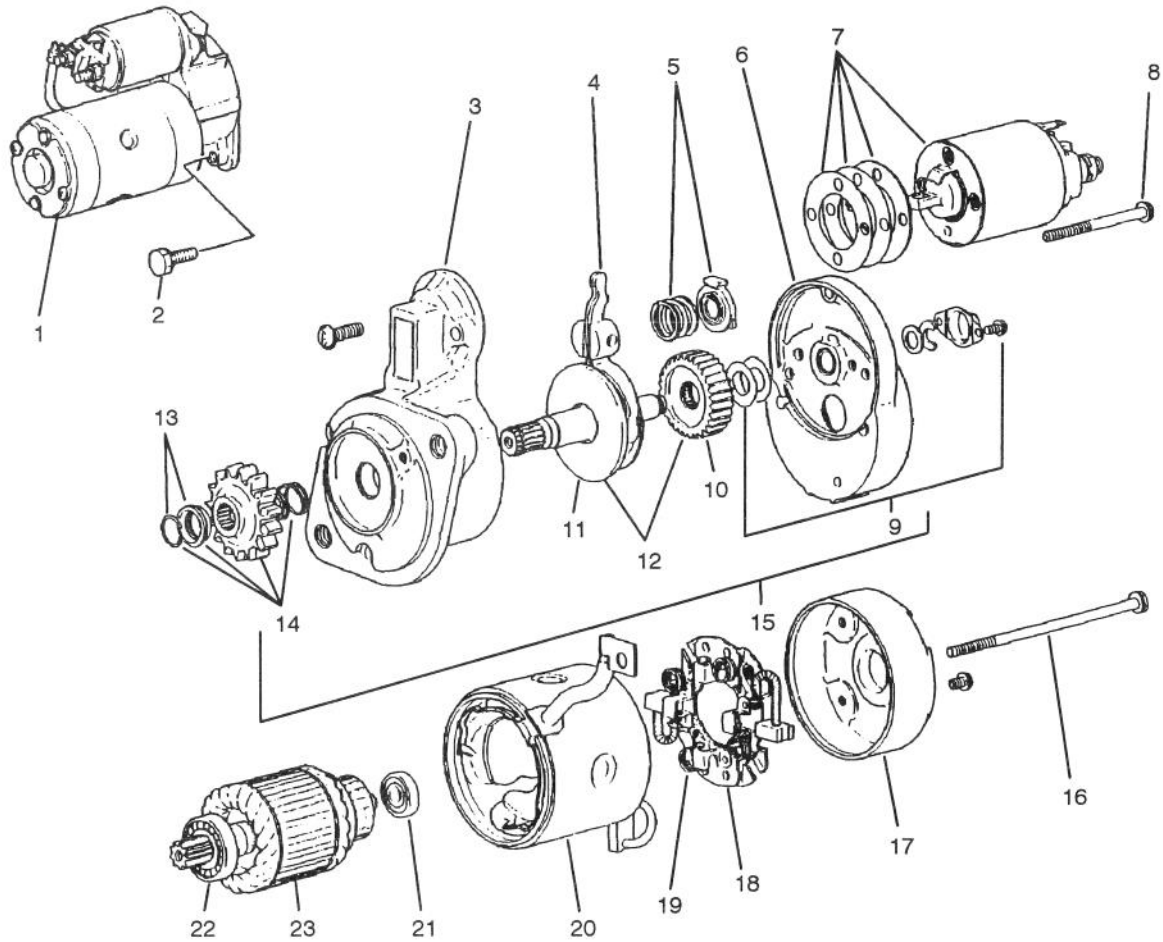
T-0571A

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

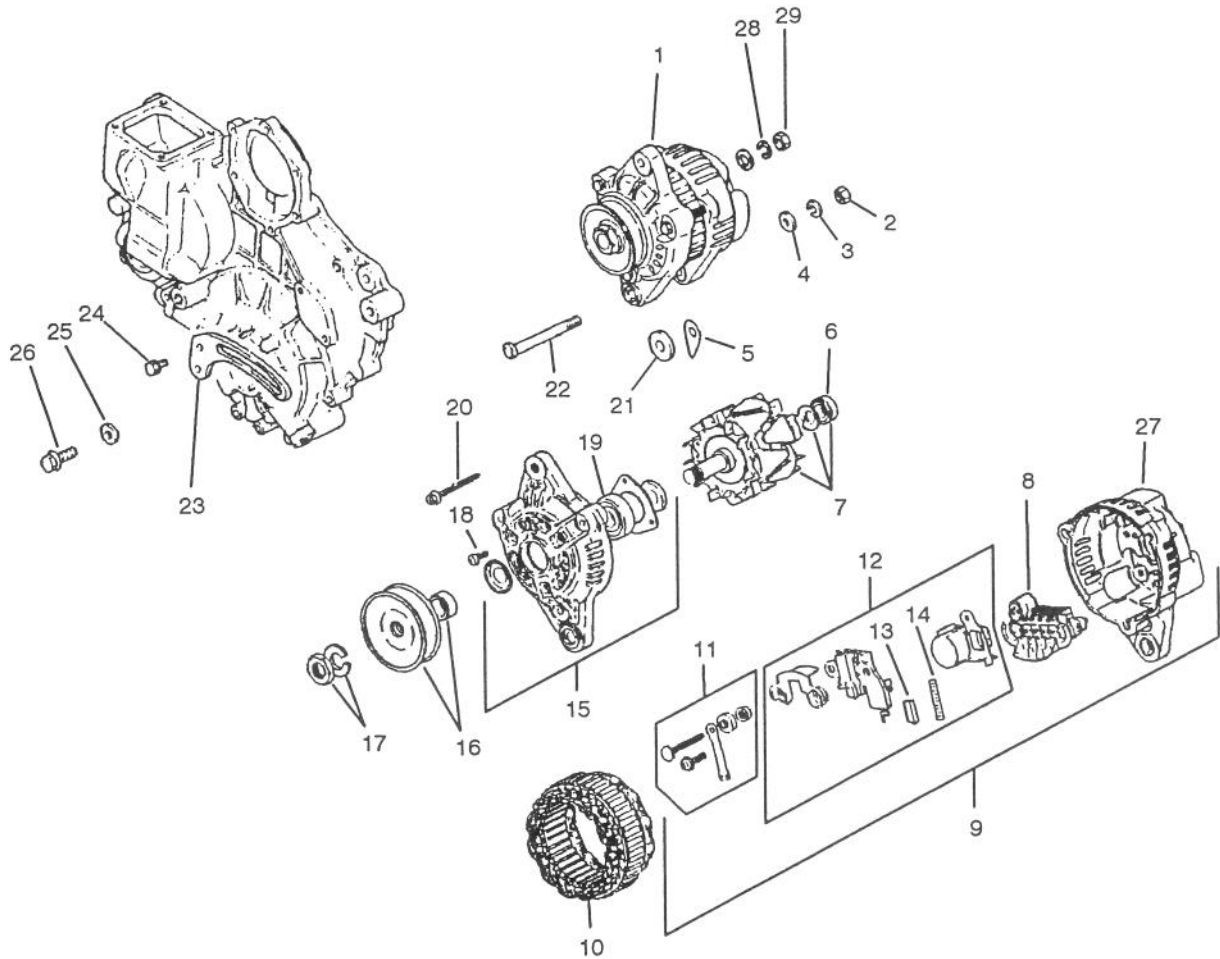
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T-0572

STARTER ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	70-8760	Starter Assembly (Incl. Ref. #3-23)	1	14	67-4770	Pinion Set (Incl. Ref. #13)	1
2	67-4610	Bolt W/Washer	2	15	67-4760	Shaft Assembly (Incl. Ref. #9, 12 & 14)	1
3	70-8770	Bracket - Front	1	16	56-1610	Bolt	1
4	67-4720	Lever	1	17	56-1720	Bracket - Rear	1
5	67-4730	Spring Set	1	18	56-1700	Holder - Brush (Incl. Ref. #19)	1
6	70-8780	Bracket - Center	1	19	56-1710	Spring - Brush	4
7	67-4750	Switch	1	20	67-4800	Yoke	1
8	56-1570	Bolt Set	1	21	56-1600	Bearing - Rear	1
9	56-1680	Cover Set	1	22	56-1590	Bearing - Front	1
10	56-1670	Gear	1	23	56-1580	Armature Set (Incl. Ref. #21 & 22)	1
11	67-4790	Shaft	1				
12	67-4780	Gear Set (Incl. Ref. #10 & 11)	1				
13	56-1640	Stopper Set	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)	1
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. Ref.		Part No.	Description	Pg. Ref.	
		No.	Qty.			No.	Qty.
3-3251	Spring	5	12 1	27-7160	Decal - Instructions	24	24 1
3-4324	Washer	35	38 1	27-7170	Mounting Band Assembly	24	31 2
3-6624	Spring	35	27 1	27-7180	Cap Assembly	24	20 1
3-6657	Clip - Skid	34	33 1	27-7310	Decal (Caution Over Fill)	1	16 1
3-7243	Spring - Return	5	20 2	27-9620	Screw - Cap Hex. Hd.	17	29 1
4-2390	Washer	35	28 1	28-0660	Screw - Cap Hex. Hd.	16	21 8
5-0652	Spacer	17	30 1	28-0670	Oil Seal	16	13 2
5-0652	Spacer	34	31 1	28-0680	Brake Drum	16	11 2
5-1226	Washer	28	37 A/R	28-1280	Boot - Positive Cable	9	63 1
5-3637	Washer - Flat	34	38 1	28-3300	Bearing - Roller	19	4 1
5-7570	Washer	7	6 4	28-3310	Bearing - Needle	19	5 2
6-1659	Glow Plug Switch Assembly	3	13 1	28-3340	Gasket	19	49 1
7-3900	Foot Pad - Brake	5	28 2	28-3350	Pin	19	48 2
12-5450	Screw - Thread Forming	14	15 8	28-3380	Plate - Motor Valve	19	45 1
14-7149	Hood Assembly	1	1 1	28-3400	O-Ring	19	24 2
21-7670	Differential Case	14	6 1	28-3420	Relief Valve Cone Charge	19	27 2
21-7690	Gear - Pinion	14	10 2	28-3440	Threaded Plug	19	42 2
21-7700	Shaft - Pinion Mate	14	7 1	28-3450	Washer - Flat	19	36 2
21-7720	Washer - Thrust	14	8 2	28-3470	Lip Seal	19	34 1
21-7730	Washer - Thrust	14	11 2	28-3480	Bearing - Needle	19	33 1
21-7770	Screw - Drive Gear	14	5 5	28-3520	O-Ring	19	31 1
21-7830	Cover - Gear	14	16 1	28-3530	Screw - Cap Hex. Hd.	19	30 2
21-8020	Spacer - Frt. Pinion Bearing	15	29 1	28-3570	O-Ring	19	21 2
21-8090	Differential Adjust. Shim.	15	35 A/R	28-3580	Ring - Backup	19	20 2
21-8100	Differential Adjust. Shim.	15	36 A/R	28-3590	O-Ring	19	19 2
21-8110	Differential Adjust. Shim.	15	37 A/R	28-3640	Shaft - Pump	19	12 1
21-8120	Differential Adjust. Shim.	15	38 A/R	28-3650	Bearing - Ball	19	10 1
21-8180	Bearing - Tapered Roller	16	3 2	28-3660	Lip Seal	19	9 1
21-8270	Pin - Dowel	14	4 2	28-3670	Shaft - Trunnion	19	8 1
21-8360	Clip - Retaining	16	10 2	28-5220	Wheel - Friction	7	5 1
21-9260	Cover - Dust	5	39 1	28-8070	Lanyard	25	66 1
21-9370	Adjusting Screw	16	7 2	29-4730	Washer - PTO	8	16 1
21-9380	Nut - Pivot	16	8 2	29-6150	Spring - Leaf	21	22 1
21-9390	Socket - Adjusting Screw	16	6 2	29-6162	Micro Switch	21	7 1
21-9420	Spring - Shoe Return LH	16	17 2	29-6170	Spring - Extended Leaf	21	5 1
21-9430	Spring - Shoe Return RH	16	18 2	29-9790	Pump - Lever	21	2 1
21-9440	Screw - Spring Adjusting	16	14 2	36-7290	Shaft & Bearing	34	5 1
21-9450	Dust Shield	16	4 2	37-2690	Capacitor	25	53 1
21-9460	Retainer - Parking Brake	16	15 4	37-9590	Spring - Compression	24	44 1
23-2270	Bushing - Rubber	17	3 1	38-2670	Kit - Charge Pump	19	37 1
23-2300	Oil Filter	17	27 1	38-2680	Pin	19	32 1
23-7270	Nut - Lug	13	20 10	42-7080	Cap	40	2 2
24-8790	Gear - Bevel, Differential	14	9 2	42-7190	Bushing - Knock	43	33 2
24-8840	Ring - Wheel Bearing	16	22 2	42-7210	Plug - Taper	39	19 1
24-9180	Strut/Lever - Parking Brake	16	19 2	42-7290	Gasket - Drain	39	16 2
25-2380	Plate - Thrust	19	15 2	42-7510	Pipe	41	4 1
25-2430	Pin	19	46 2	42-7510	Pipe	41	9 1
25-2460	Hex Hd. Plug	19	23 2	42-7840	Key	40	20 1
25-2470	Shim Pack	19	25 A/R	42-7860	Lock	37	33 12
25-2480	Relief Valve Spring Charge	19	44 1	42-7870	Seal	37	30 6
25-2500	Shaft - Trunnion	19	2 1	42-8240	Gasket	44	6 3
25-2510	Washer	19	3 2	42-8690	Metal - Sealing	45	37 1
25-3210	Lip Seal	19	7 2	42-8700	Wire	45	38 1
25-3300	Bearing - Needle	19	18 2	42-8830	Seal - O-Ring	45	6 1
27-2360	Ignition Switch Assembly	3	7 1	42-8830	Seal - O-Ring	45	10 1
27-3680	Spacer - Mounting	17	5 4	42-9110	Gasket	41	21 1
27-3690	Gasket - Transmission	17	38 1	42-9260	Plug - Drain	39	15 1
27-4240	Pin - Cylinder	10	30 2	42-9420	Bolt - Speed Set	45	33 4
27-4310	Pin - Pivot	13	25 2	42-9430	Bolt W/Washer	41	7 1
27-4370	Hub - Pump	17	10 1	42-9430	Bolt W/Washer	45	12 2
27-6590	Spacer	17	22 2	42-9440	Bolt W/Washer	39	8 11
27-6600	Spacer - Rubber	17	15 6	42-9440	Bolt W/Washer	47	24 1
27-6851	Shaft - Axle, Flanged RH	16	* 1	42-9440	Bolt W/Washer	37	25 4
27-6861	Shaft - Axle, Flanged LH	16	1 1	42-9490	Bolt W/Washer	42	10 4
27-7100	Air Cleaner Assembly	24	25 1	42-9490	Bolt W/Washer	40	11 2
27-7110	Element Assembly	24	33 1	42-9490	Bolt W/Washer	39	18 18
27-7120	Nut & Gasket Assembly	24	34 1	42-9510	Bolt	38	42 1
27-7130	Clamp Assembly	24	36 1	42-9570	Stud	41	20 4
27-7140	Skirt - Baffle	24	35 1	42-9590	Nut	37	17 6
27-7150	Cup Assembly	24	37 1	42-9600	Washer - Lock	32	9 28

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

3316-305

Part No.	Description	Pg. No.	Ref. No.	Qty.	Part No.	Description	Pg. No.	Ref. No.	Qty.
42-9600	Washer - Lock M10	30	42	24	49-8200	Shaft - Motor	19	47	1
42-9640	Nut - Jam	45	9	2	51-3150	Shim	21	24	1
42-9650	Nut - Jam	43	30	1	52-1321	Decal - Diesel Fuel Only	24	16	1
42-9660	Washer	47	4	1	52-8890	Bracket - Mounting	21	16	2
42-9660	Washer	37	39	3	52-9070	Plate - Pump	21	17	1
42-9850	Washer - Lock	35	4	4	53-4430	Decal - Oil	2	34	1
42-9850	Washer - Lock	17	19	2	53-8130	Gasket - Exhaust	35	2	1
42-9850	Washer - Lock	34	41	2	53-8150	Pump - Fuel	24	40	1
42-9850	Washer - Lock M8	30	34	8	53-8150	Pump Assembly	44	*	1
42-9850	Washer - Lock, M8	32	29	28	54-7950	Drive Shaft Assembly	9	*	1
43-0370	Shim	47	5	1	54-8660	Washer	47	25	1
43-0510	Spring - Brush	47	14	2	54-9040	Yoke - End	8	32	1
43-1920	Nut Set	47	17	1	54-9050	Shaft - Slip Yoke	8	31	1
43-2550	Filter	25	81	1	54-9090	Yoke - End	8	28	1
43-2560	Gasket	25	82	1	54-9170	Tube - Slip Yoke	8	29	1
43-2570	Gasket	25	80	1	54-9180	Kit - Joint, Universal	23	3	1
43-2580	Magnet	25	83	1	54-9180	Kit - Universal Joint	22	2	2
43-2710	Seal - O-Ring	41	36	2	54-9180	Kit - Universal Joint	8	35	2
43-2740	Gasket	35	24	1	56-0020	Plug	40	24	3
43-2750	Nut - Jam	35	46	1	56-0020	Plug - Expansion	41	18	1
43-2820	Cap - Sealing	38	47	1	56-0020	Plug-Expansion	43	12	3
43-2820	Cap - Sealing Torque Set	45	32	1	56-0100	Plug - Taper	43	37	1
43-3160	Screw - Adjusting	38	44	1	56-0220	Pin - Dowel	43	35	2
43-4031	Cable - Battery Positive	9	62	1	56-0480	Key - Woodruff	40	8	1
43-4031	Wire - Positive	4	1	1	56-0480	Key - Woodruff	37	18	2
43-5320	Pulley - PTO	8	17	1	56-1060	Snap Ring	40	15	1
43-5920	Washer - Lock	34	39	1	56-1230	Shaft - Oil Filter	43	28	1
43-5930	Washer - Lock	32	14	12	56-1570	Bolt Set	46	8	1
43-5960	Nut - Special	38	46	1	56-1580	Armature Set	46	23	1
43-5970	Nut - Hex.	34	40	1	56-1590	Bearing - Front	46	22	1
43-6710	Shim Adjusting Differential	14	18	A/R	56-1600	Bearing - Rear	46	21	1
43-6711	Shim Adjusting Differential	14	19	A/R	56-1610	Bolt	46	16	1
43-6712	Shim Adjusting Differential	14	20	A/R	56-1640	Stopper Set	46	13	1
43-6713	Shim Adjusting Differential	14	21	A/R	56-1670	Gear	46	10	1
43-6750	Cup - Bearing	15	31	1	56-1680	Cover Set	46	9	1
43-6760	Cone - Bearing, Tapered	14	13	1	56-1700	Holder - Brush	46	18	1
43-6800	Nut - Lock, Flange Hd.	16	12	8	56-1710	Spring - Brush	46	19	4
43-6810	Torque Spider	16	5	2	56-1720	Bracket - Rear	46	17	1
43-8600	Spring - Compression	25	54	1	56-2460	Washer - Flat	28	36	A/R
43-8610	Guide - Spring & Ball Seat	25	59	1	57-6390	Nut - Hex.	34	42	2
43-8620	Guide - Switch Pin	25	63	1	58-6320	Wiper - Seal	11	1	1
43-8860	Plunger - Switch	25	60	1	58-6400	Bushing	11	5	1
43-8870	Boot - Switch	25	65	1	58-6420	Cap Assembly	11	8	1
43-9071	Switch - Seat	25	*	1	58-6450	O-Ring	11	2	2
44-2230	Coupling - Rubber	17	16	2	58-6460	Ring - Retaining	11	9	1
44-8320	Spring	36	10	3	59-9740	Latch Assembly	2	47	1
44-8530	Sock - Hose	5	47	1	62-5550	Decal - TORO	2	37	1
46-6550	Fitting - Fuel 90°	13	3	1	62-7020	Wheel & Tire Assy. (Opt.)	13	*	2
46-6560	Bushing	13	41	2	62-7400	Decal - Toro	17	18	1
46-6810	Screw - Cap Hex. Hd.	1	26	13	62-7650	Gasket	13	39	1
46-7310	Relief Valve Spring Imp.	19	26	1	63-6010	Hose - Upper	12	18	1
46-7320	Plate - Pump Valve	19	17	1	63-6020	Hose - Lower	12	21	1
46-8091	Screw - Cap Hex. Hd.	2	43	2	63-6030	Hub - Clutch	35	44	1
46-8810	Stop - Leaf Spring	21	9	1	63-6040	Hose - Air Cleaner Inlet	24	21	1
48-1800	Kit - Cylinder Block	19	16	2	63-6050	Clutch - Electric	35	40	1
48-7700	Screw - Hex.	34	43	1	63-6180	Brake Pedal Assembly LH	5	26	1
48-7710	Screw - Cap, M8 x 20	32	39	4	63-6190	Brake Pedal Assembly RH	5	29	1
48-7780	Screw - Cap Hex. Hd.	29	9	8	63-6210	Pin - Brake	5	22	1
48-7930	Nut - Hex.	35	5	4	63-6240	Belt - PTO	8	18	1
48-7960	Nut	28	21	2	63-6250	Shaft - PTO Tension	35	34	1
48-9220	Washer - Flat	29	10	8	63-6290	Pin - Tension	35	26	1
48-9460	Bolt - Hex. Hd.	30	35	4	63-6440	Shield - Radiator	12	27	1
48-9460	Screw - Cap Hex. Hd.	17	20	2	63-6610	Drive Shaft	17	17	1
48-9460	Screw - Cap, M8 x 25	32	28	20	63-6630	Cylinder - Lift	10	31	2
48-9470	Bolt - M10 x 30	31	43	24	63-6690	Lever - Clutch Anchor	35	42	1
48-9470	Screw - Cap, M10 x 30	32	10	4	63-6700	Bracket	35	10	1
48-9590	Washer - Lock	35	12	10	63-6720	Lever - Idler	34	24	1
48-9590	Washer - Lock	34	15	8	63-6750	Link - Brake Cable	5	19	2
49-7820	Variable Swashplate	19	13	1	63-6760	Swivel - Throttle Cable	34	14	1
49-7830	Check Valve Assembly	19	22	2	63-6760	Throttle Cable Swivel Assy.	9	*	1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. Ref.		Part No.	Description	Pg. Ref.	
		No.	Qty.			No.	Qty.
63-6890	Plate - Hinge RH	2	42	66-2900	Tie Rod End	35	20
63-6900	Plate Hinge LH	1	10	66-2910	Bumper - Rubber	35	17
63-7030	Screen - Hood	1	3	66-2920	Washer - Friction	9	53
63-7141	Mount - Shock (Red)	8	8	66-2940	Gage - Fuel	3	6
63-7142	Mount - Shock (Yellow)	8	43	66-2950	Meter - Hour	3	14
63-7170	Anchor - Transmission	17	41	66-2960	Cluster - Warning Light	3	5
63-7300	Fender - RH	2	39	66-3050	Strip - Magnetic	1	15
63-7310	Fender LH	1	20	66-3060	Dipstick - Differential	13	36
63-7320	Cover - Tower Rear	2	32	66-3100	Screw	35	29
63-7340	Wire - Ground	8	1	66-3110	Hyd. Fitting	17	9
63-7340	Wire - Ground	4	2	66-3130	Fitting - Hydraulic Tee	10	12
63-7340	Wire - Ground	34	49	66-3160	Screw	35	48
63-7380	Expansion Tank Assembly	34	11	66-3170	Hose	12	35
63-7400	Washer - Rebound	8	42	66-3180	Tube - Vent	12	20
63-7410	Bracket - Bulkhead	10	37	66-3200	Tread - Foot Rest LH	1	29
63-7430	Gage - Temperature	3	15	66-3210	Tread - Foot LH	1	30
63-7440	Solenoid - Stop	35	1	66-3240	Cap - Radiator	12	6
63-7590	Relay	24	47	66-8110	Trim - Hood	1	8
63-7600	Hose - Fuel	12	23	66-8120	Standpipe	13	1
63-7610	Hose	9	61	66-8140	Hose	5	31
63-7620	Hose	24	19	66-8140	Hose - Hydraulic	20	11
63-7630	Hose	13	7	66-8150	Hose - Hydraulic	20	6
63-7630	Hose	24	42	66-8150	Hose - Hydraulic	10	14
63-7640	Sender - Fuel	13	6	66-8180	Hose - Hydraulic	20	5
63-7700	Screen Assembly	12	1	66-8180	Hose Assembly	12	10
63-7710	Magnetic Strip	12	2	66-8190	Hose - Hydraulic	20	3
63-7730	Cable - Brake LH	5	16	66-8190	Hose - Hydraulic	10	25
63-7731	Cable - Brake RH	5	*	66-8490	Hose - Hydraulic	20	10
63-7790	Screw	35	13	66-8490	Hose Assembly	17	23
63-7790	Screw	34	16	66-8500	Hose	10	15
63-7880	Pin - Brake Latch	5	23	66-8500	Hose - Hydraulic	20	8
63-7900	Rack - Brake	5	15	66-8500	Hose Assembly	12	30
63-7910	Rod - Brake Latch	5	9	66-8620	Tube - Hydraulic	20	9
63-7960	Lift Valve Assembly	11	*	66-8620	Tube - Hydraulic	5	33
63-7960	Valve - Lift	10	6	66-8630	Tube - Hydraulic	20	7
63-8050	Box - Control	2	40	66-8630	Tube - Hydraulic	5	32
63-8090	Lower Housing Assembly	14	1	66-8640	Hose - Hydraulic	20	4
63-8140	Pulley	34	28	66-8640	Hose - Hydraulic	10	33
63-8150	Key	35	41	66-8670	Decal - Hood RH	1	*
63-8230	Angle - Clutch Anchor	35	16	66-8680	Decal - Hood LH	1	7
63-8280	Head Assembly	8	12	66-8690	Lamp Harness	4	4
63-8290	Vent - Air	8	45	66-8700	Indicator - Glow	34	32
63-8300	Element - Spin-On	8	13	66-8750	Decal - Control Levers	25	56
63-8310	Valve - Drain	8	40	66-8760	Decal - Tower LH	2	33
63-8360	Key - Ignition	3	10	66-8770	Decal - Tower RH	2	*
63-8410	Washer - Flat	9	70	66-8800	Relay	24	50
63-9750	Mount	9	69	66-9970	Kit - Spring	6	*
65-2740	Spacer	11	10	66-9980	Kit - Seal	6	*
65-2750	Plunger	11	11	66-9990	Kit - Needle Roller	6	*
65-2760	Spring	11	12	67-1631	Spacer	35	30
65-2770	Washer	11	6	67-1690	Fitting	25	68
65-2930	Plug Assembly	11	13	67-1710	Decal - Interlock	24	48
65-2950	Spring	11	7	67-1720	Decal - Caution	1	27
65-5100	Handle - Hood	1	2	67-1750	Bushing	28	2
66-2320	Mount - Engine	34	19	67-1800	Pivot Plate Assembly	35	37
66-2330	Base - Battery	8	6	67-1830	Carrier Bracket	13	31
66-2360	Support - Muffler	35	6	67-1900	Screw - Cap Hex. Hd.	17	43
66-2440	Plate - Reservoir	34	10	67-2200	Seal	40	4
66-2450	Bracket - Air Cleaner	25	74	67-2210	Plug - Taper	43	36
66-2451	Bracket - Air Cleaner	24	29	67-2230	Seal-Oil	43	14
66-2460	Panel - Control	3	1	67-2250	Bolt	40	5
66-2470	Plate - Tower	2	41	67-2260	Shaft-Idler	43	34
66-2490	Clamp - Battery Retainer	8	5	67-2270	Case - Oil Seal	43	15
66-2590	Pin - Seat Spring	24	43	67-2280	Gasket-Seal, Oil	43	13
66-2630	Latch - Seat	24	14	67-2290	Cover	43	10
66-2670	Bracket - Throttle	9	57	67-2300	Gasket	43	9
66-2720	Lever - Lift	10	4	67-2310	Plate - Front	39	6
66-2800	Rod - Seat Support	24	10	67-2320	Gasket - Plate	39	7
66-2870	Cable - Hood Stop	35	8	67-2330	Bolt	42	3
66-2870	Cable - Hood Stop	2	45	67-2330	Bolt	43	16

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

3316-305

Part No.	Description	Pg. No.	Ref. No.	Qty.	Part No.	Description	Pg. No.	Ref. No.	Qty.
67-2330	Bolt	41	34	4	67-3140	Valve - Exhaust	37	29	3
67-2330	Bolt	41	49	2	67-3150	Rod-Push	37	5	6
67-2340	Bolt W/Washer	39	3	3	67-3160	Arm-Rocker	37	1	6
67-2340	Bolt W/Washer	43	11	2	67-3170	Spring	37	40	2
67-2340	Bolt W/Washer	41	17	4	67-3180	Cap	37	34	6
67-2350	Plug - Expansion	43	25	1	67-3190	Rocker Shaft Assembly	37	38	1
67-2360	Bushing - Knock	43	26	2	67-3200	Stay - Rocker	37	35	3
67-2370	Bushing - Knock	43	32	1	67-3210	Screw - Adjusting	37	4	6
67-2380	Bushing - Knock	43	27	3	67-3220	Pin	37	37	1
67-2390	Plug - Taper	43	24	1	67-3230	Nut - Jam	37	2	6
67-2410	Bearing Set 0.25 mm US	40	*	1	67-3240	Snap Ring	37	3	2
67-2420	Bearing Set 0.50 mm US	40	*	1	67-3250	Bolt-Rocker Stay	38	43	2
67-2430	Bracket - Starter	43	23	1	67-3260	Washer	47	3	1
67-2440	Bolt W/Washer	43	22	3	67-3260	Washer	45	8	2
67-2480	Gasket - Oil Pan	39	17	1	67-3260	Washer	38	41	3
67-2500	Plunger - Relief	39	25	1	67-3280	Shim 0.2 mm	43	38	1
67-2510	Spring - Relief	39	26	1	67-3290	Shim 0.3 mm	43	*	1
67-2520	Plug	39	28	1	67-3300	Shim 0.5 mm	43	*	1
67-2530	Gear - Inner	39	12	1	67-3310	Shim 0.4 mm	43	*	1
67-2540	Gear - Outer	39	11	1	67-3320	Shim 0.6 mm	43	*	1
67-2550	Housing - Oil Pump	39	10	1	67-3330	Shim 0.7 mm	43	*	1
67-2560	Bolt W/Washer	39	9	3	67-3340	Shim 0.8 mm	43	*	1
67-2570	Plug - Taper	41	19	1	67-3350	Shim 0.9 mm	43	*	1
67-2570	Plug - Taper	39	29	1	67-3360	Shim 1.0 mm	43	*	1
67-2580	Gasket - Case	39	2	1	67-3370	Bolt W/Washer	43	39	4
67-2590	Seal - Oil	39	23	1	67-3380	Nozzle & Holder Assembly	43	6	1
67-2600	Bolt	42	5	1	67-3380	Nozzle and Holder Assembly	44	*	3
67-2600	Bolt	39	21	3	67-3390	Gasket - Nozzle Holder	43	7	3
67-2610	Bolt	42	9	2	67-3400	Pipe Assy. No. 1	43	42	1
67-2610	Bolt	39	22	4	67-3410	Pipe Assy. No. 2	43	43	1
67-2620	Bolt	39	24	1	67-3420	Pipe Assy. No. 3	43	1	1
67-2630	Seal - O-Ring	39	20	2	67-3430	Nut	43	2	3
67-2640	Cap	39	30	1	67-3440	Gasket	43	4	3
67-2650	Oil Fill Cap Assembly	39	32	1	67-3460	Housing-Pump	44	9	1
67-2660	Seal - O-Ring	39	31	1	67-3480	Seal - O-Ring	44	4	3
67-2670	Hose - Breather	41	8	1	67-3490	Spring	44	5	3
67-2680	Hanger - Engine	41	16	2	67-3500	Valve	44	7	3
67-2700	Guide - Valve	41	42	6	67-3520	Sleeve	44	10	3
67-2710	Cap - Sealing	41	41	3	67-3530	Seat - Spring Upper	44	11	3
67-2730	Bolt	41	43	8	67-3540	Spring	44	12	3
67-2740	Bolt - Flange	41	15	3	67-3550	Seat - Spring Lower	44	13	3
67-2760	Gasket	41	14	1	67-3560	Plate - Shim 1.85 mm	44	14	1
67-2770	Nut - Cap	41	12	2	67-3570	Plate - Shim 1.9 mm	44	*	1
67-2780	Washer	41	13	2	67-3580	Plate - Shim 1.95 mm	44	*	1
67-2850	Connecting Rod Assembly	37	9	3	67-3590	Plate - Shim 2.0 mm	44	*	1
67-2860	Bolt	37	12	6	67-3600	Plate - Shim 2.05 mm	44	*	1
67-2890	Bearing Set 0.25 mm US	37	*	3	67-3610	Plate - Shim 2.1 mm	44	*	1
67-2900	Bearing Set 0.50 mm US	37	*	3	67-3620	Plate - Shim 2.15 mm	44	*	1
67-2910	Gear	37	7	1	67-3630	Plate - Shim 2.2 mm	44	*	1
67-2930	Pulley - Crankshaft	37	19	1	67-3640	Plate - Shim 2.25 mm	44	*	1
67-2940	Nut - Jam	37	22	1	67-3650	Plate - Shim 2.3 mm	44	14	1
67-2950	Washer	37	20	1	67-3660	Plate - Shim 2.35 mm	44	*	1
67-2960	Washer - Lock	37	21	1	67-3670	Plate - Shim 2.4 mm	44	*	1
67-2970	Flywheel Assembly	37	13	1	67-3680	Plate - Shim 2.45 mm	44	*	1
67-2980	Gear - Ring	37	15	1	67-3690	Plate - Shim 2.5 mm	44	*	1
67-2990	Bolt	37	14	4	67-3700	Tappet	44	15	3
67-3000	Washer	40	10	2	67-3710	Screw - Air Bleed	44	24	1
67-3010	Cam Shaft	40	7	1	67-3720	Washer	44	23	1
67-3020	Gear	40	12	1	67-3730	Screw	44	22	1
67-3030	Bearing	40	9	2	67-3740	Holder-Delivery Valve	44	3	3
67-3040	Plate	40	14	1	67-3740	Nipple - Swivel	44	21	1
67-3050	Bearing	40	22	1	67-3750	Washer	44	20	2
67-3060	Shaft	40	21	1	67-3760	Plate - Lock	44	2	3
67-3070	Gear	40	17	1	67-3770	Screw W/Washer	44	1	3
67-3080	Snap Ring	40	23	1	67-3780	Rack	44	19	1
67-3090	Gear Assembly	40	13	1	67-3790	Screw	44	17	2
67-3100	Retainer	37	32	6	67-3800	Bracket - Wire Stop	44	18	1
67-3110	Spring	37	31	6	67-3810	Pin - Tappet Guide	44	16	3
67-3120	Tappet	37	6	6	67-3830	Washer 1.25 mm	44	31	1
67-3130	Valve - Intake	37	28	3	67-3840	Washer 1.3 mm	44	1	1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
67-3850	Washer 1.35 mm	44 * 1	67-4630	Alternator Assembly	47 1 1
67-3860	Washer 1.4 mm	44 * 1	67-4640	Bolt	47 22 1
67-3870	Washer 1.45 mm	44 * 1	67-4660	Bolt - Flange	47 26 1
67-3880	Washer 1.5 mm	44 * 1	67-4670	Nut	47 2 1
67-3890	Washer 1.55 mm	44 * 1	67-4680	Plug - Glow	41 39 3
67-3900	Washer 1.6 mm	44 * 1	67-4690	Plate - Glow Plug	41 40 1
67-3910	Washer 1.65 mm	44 31 1	67-4700	Lamp - Glow	41 27 1
67-3920	Washer 1.7 mm	44 * 1	67-4720	Lever	46 4 1
67-3930	Spring	44 30 3	67-4730	Spring Set	46 5 1
67-3940	Pin - Pressure	44 29 3	67-4750	Switch	46 7 1
67-3950	Piece - Distance	44 28 3	67-4760	Shaft Assembly	46 15 1
67-3960	Nozzle	44 27 3	67-4770	Pinion Set	46 14 1
67-3970	Nut - Retaining	44 25 3	67-4780	Gear Set	46 12 1
67-3980	Gasket	44 26 3	67-4790	Shaft	46 11 1
67-3990	Lever - Speed Control	45 1 1	67-4800	Yoke	46 20 1
67-4000	Pin	45 2 2	67-4810	Pulley Set	47 16 1
67-4010	Stopper	45 15 1	67-4820	Bolt Set	47 20 1
67-4030	Rod - Tie	45 23 1	67-4830	Front Bracket Assembly	47 15 1
67-4040	Weight Assembly	45 13 1	67-4840	Screw Set	47 18 1
67-4050	Shaft - Governor	45 19 1	67-4850	Bearing - Front	47 19 1
67-4060	Lever - Governor	45 18 1	67-4860	Rotor Assembly	47 7
67-4070	Shaft - Sliding	45 16 1	67-4870	Bearing - Rear	47 6 1
67-4080	Clip	45 24 1	67-4880	Stator	47 10 1
67-4090	Lever - Tension	45 21 1	67-4890	Rear Cover Assembly	47 9 1
67-4110	Cover Assembly	45 * 1	67-4900	Terminal Set	47 11 1
67-4120	Pin - Grooved	45 35 1	67-4910	Regulator Assembly	47 12 1
67-4130	Cover - Governor	45 4 1	67-4920	Brush	47 13 2
67-4140	Lever - Stop	45 11 1	67-4930	Rectifier	47 8 1
67-4150	Lever - Stop	45 40 1	67-5040	Spring	45 20 1
67-4160	Gasket	45 5 1	67-7050	Field Rotor Assembly	36 1 1
67-4170	Spring Set	45 * 1	67-7060	Ring - Retaining	36 8 1
67-4180	Nut	45 31 1	67-7070	Armature & Pulley Assembly	36 5 1
67-4190	Spring - Torque	45 28 1	67-7080	Collar - Bearing	36 6 1
67-4200	Nut - Special	45 30 1	67-7090	Bearing - Pulley	36 7 1
67-4210	Case - Torque Spring	45 26 1	67-7100	Plate - Brake	36 11 1
67-4220	Screw - Adjusting	45 29 1	67-7120	Fusible Link	4 5 1
67-4230	Stopper	45 27 1	67-7160	Fuse Block	24 1 1
67-4270	Bolt	45 3 4	67-7180	Wire - Seat	4 9 1
67-4280	Bolt W/Washer	45 17 1	68-5140	Steering Wheel Cap Assy.	5 7 1
67-4290	Nut	45 34 4	68-5370	Decal - Toro	5 40 1
67-4310	Gasket	37 23 1	68-6822	Rear Axle Assembly	28 1 1
67-4330	Oil Filter Assembly	43 40 1	68-7010	Flange	14 26 1
67-4340	Screen Assembly	43 31 1	68-7370	Wire - Glow	4 11 1
67-4350	Switch - Oil Pressure	42 8 1	68-7380	Connector Assembly	4 12 1
67-4360	Pulley - Water Pump	42 1 1	69-4780	Clamp - Gauge	3 18 1
67-4380	Water Pump Assembly	42 6 1	70-2560	Decal - Lube	28 16 1
67-4390	Gasket - Water Pump	42 7 1	70-7530	Spring - Compression	10 3 1
67-4400	Bolt	41 1 2	70-8560	Retainer - Glow Plug	34 30 1
67-4400	Bolt	42 4 1	70-8621	Cap - Fuel	13 11 1
67-4410	V-Belt	42 2 1	70-8700	Pipe - Fuel Return	43 3 1
67-4420	Fitting - Water	41 46 1	70-8720	Spring - Tie Rod	45 22 1
67-4430	Gasket - Fitting	41 45 1	70-8760	Starter Assembly	46 1 1
67-4440	Thermostat	41 38 1	70-8770	Bracket - Front	46 3 1
67-4450	Fitting - Thermostat	41 32 1	70-8780	Bracket - Center	46 6 1
67-4460	Gasket - Switch	41 31 1	70-8870	Guide - Oil Level	43 8 1
67-4470	Bolt	41 33 1	70-8880	Dipstick	43 5 1
67-4480	Pipe - By-Pass	41 37 1	71-1520	Cap - Reservoir	34 44 1
67-4490	Gasket	41 30 1	71-2910	Angle - Engine Mount	34 17 1
67-4500	Switch - Thermo	41 29 1	71-3384	Hose	12 9 1
67-4510	Gauge Nut - Temperature	41 35 1	71-3500	Lever - Throttle	9 55 1
67-4520	Pipe	41 2 1	71-4330	Seal	15 48 1
67-4530	Cover - Intake	41 5 1	71-4340	Washer	14 27 1
67-4540	Seal - O-Ring	41 3 1	71-4350	Nut	15 47 1
67-4550	Gasket - Intake Manifold	41 44 1	71-4450	Bolt - Wheel	28 18 10
67-4560	Manifold - Exhaust	41 24 1	71-4530	Tie Rod Assembly	29 * 1
67-4570	Gasket - Exhaust Manifold	41 26 1	71-4540	Washer	28 14 1
67-4580	Bolt	41 22 2	71-4570	Housing - Clutch	28 27 1
67-4590	Bolt	41 23 4	71-4580	Clutch - Roller	28 25 2
67-4610	Bolt W/Washer	46 2 2	71-4590	Washer - Thrust	28 24 2
67-4620	Spacer	47 21 1	71-4690	Screw - Cap Hex. Hd.	28 22 2

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

3316-305

Part No.	Description	Pg. No.	Ref. No.	Qty.	Part No.	Description	Pg. No.	Ref. No.	Qty.
71-4750	Tube & Clamp Assembly	29	21	1	72-5210	Shim 1.2 mm	30	*	1
71-4760	Seal - Rod	29	15	2	72-5360	Ring - Retaining	30	19	2
72-3410	Yoke - Flange	22	1	1	72-5370	Ring - Retaining	30	22	2
72-3420	Shaft - Yoke, Slip	22	3	1	72-5440	Pin - Spring	31	46	1
72-3440	Yoke - Shaft	22	6	1	72-5460	O-Ring	30	32	1
72-3450	Yoke - Flange, Split	23	6	1	72-5510	Gear Box - Axle	32	23	2
72-3560	Decal - 4wd	2	52	2	72-5520	Case - Knuckle	32	38	2
72-3570	Shim .094 - Diff. Adjust.	14	28	A/R	72-5540	Case - Knuckle	32	30	2
72-3571	Shim .096 - Diff. Adjust.	14	*	A/R	72-5550	Cover	32	26	2
72-3572	Shim .098 - Diff. Adjust.	14	*	A/R	72-5560	Pin - King, Knuckle	32	20	2
72-3573	Shim .100 - Diff. Adjust.	14	*	A/R	72-5570	Shaft - Axle, Outer	32	35	2
72-3574	Shim .102 - Diff. Adjust.	14	*	A/R	72-5580	Gear - Bevel	32	5	4
72-3575	Shim .104 - Diff. Adjust.	14	*	A/R	72-5590	Retainer - Bearing	32	15	2
72-3576	Shim .106 - Diff. Adjust.	14	*	A/R	72-5600	Washer - Thrust	32	21	2
72-3577	Shim .108 - Diff. Adjust.	14	*	A/R	72-5620	Gasket	32	1	4
72-3578	Shim .110 - Diff. Adjust.	14	*	A/R	72-5630	Gasket	32	16	2
72-3580	Shim .112 - Diff. Adjust.	14	*	A/R	72-5640	Bearing - Needle	32	22	2
72-3581	Shim .114 - Diff. Adjust.	14	*	A/R	72-5650	Hub - Wheel	32	34	2
72-3582	Shim .116 - Diff. Adjust.	14	*	A/R	72-5660	Washer - Shaft, Wheel	32	33	2
72-3583	Shim .118 - Diff. Adjust.	14	*	A/R	72-5670	Pin - Dowel	32	7	4
72-3584	Shim .120 - Diff. Adjust.	14	*	A/R	72-5680	Spacer	32	19	2
72-3585	Shim .125 - Diff. Adjust.	14	*	A/R	72-5720	Ring - Retaining	32	4	2
72-3586	Shim .127 - Diff. Adjust.	14	*	A/R	72-5730	Seal - Oil	32	24	4
72-3587	Shim .129 - Diff. Adjust.	14	*	A/R	72-5740	Seal - Oil	32	2	2
72-3588	Shim .131 - Diff. Adjust.	14	*	A/R	72-5770	Nut - Castle	32	32	2
72-3590	Shim .133 - Diff. Adjust.	15	28	A/R	72-5780	Key	32	36	2
72-3591	Shim .135 - Diff. Adjust.	15	*	A/R	72-5790	Screw - Cap, M6 x 18	32	13	12
72-3592	Shim .137 - Diff. Adjust.	15	*	A/R	72-5800	Bolt	30	1	8
72-3593	Shim .139 - Diff. Adjust.	15	*	A/R	72-5810	Bolt	30	7	8
72-3594	Shim .141 - Diff. Adjust.	15	*	A/R	72-5820	Plug	30	28	1
72-3595	Shim .143 - Diff. Adjust.	15	*	A/R	72-5840	Gasket	30	27	1
72-3596	Shim .145 - Diff. Adjust.	15	*	A/R	72-6140	Cover - Rear	47	27	1
72-3597	Shim .147 - Diff. Adjust.	15	*	A/R	72-9390	Seat Belt Assembly	26	1	1
72-3598	Shim .149 - Diff. Adjust.	15	*	A/R	72-9420	Vent Assembly	15	40	1
72-3600	Shim .151 - Diff. Adjust.	15	*	A/R	74-0720	Tube - Manual	27	1	1
72-4320	Switch	25	57	1	75-0560	Wheel - Steering	5	6	1
72-4870	Case - Differential	30	24	1	75-0900	Engine	34	18	1
72-4880	Cover	30	2	1	75-4900	Bearing Set STD	40	3	1
72-4890	O-Ring	30	3	1	75-4910	Oil Pan Assembly	39	14	1
72-4900	Case - Differential	30	8	1	75-4920	Case	39	1	1
72-4910	Flange - Case	30	12	1	75-4930	Cylinder Head Assembly	41	28	1
72-4930	Gear - Side	30	9	1	75-4940	Brace - Alternator	47	23	1
72-4940	Gear - Side	30	40	1	75-4950	Gasket - Cylinder Head	41	25	1
72-4950	Gear - Pinion	30	10	2	75-4960	Block Assembly	40	1	1
72-4960	Shim .1 mm	30	5	1	75-4970	Element	44	8	3
72-4970	Shim .15 mm	30	*	1	75-4980	Lever - Governor Spring	45	7	1
72-4980	Shim .5 mm	30	*	1	75-4990	Spring - Governor	45	25	1
72-4990	Shim .8 mm	30	*	1	75-5000	Body	44	32	3
72-5000	Shim 1.0 mm	30	*	1	75-5010	Bearing Set STD	37	8	3
72-5010	Shim 1.2 mm	30	*	1	75-5020	Injector Pump Assembly	43	41	
72-5020	Shaft - Pinion	31	47	1	75-5040	Gasket Kit	39	*	1
72-5030	Pin - Dowel	31	45	2	75-5050	Ring Set STD	37	11	3
72-5040	Washer - Gear	30	11	1	75-5060	Ring Set 0.25 mm OS	37	*	3
72-5050	Tube - Axle RH	30	16	1	75-5070	Ring Set 0.50 mm OS	37	*	3
72-5060	Axle - RH	30	17	1	75-5080	Piston & Pin Set STD	37	10	3
72-5070	Gasket	30	15	2	75-5090	Piston & Pin Set	37	*	3
72-5080	Gasket	30	14	2	75-5100	Piston & Pin Set	37	*	3
72-5090	Gear - Bevel	32	18	2	75-5110	Cover Assy.	37	24	1
72-5090	Gear - Bevel	30	21	2	75-5120	Gasket	38	45	1
72-5100	Spacer	30	20	2	75-6880	Spark Arrester Screen	35	*	1
72-5110	Tube - Axle LH	31	44	1	76-1000	Cable - Throttle	9	59	1
72-5120	Axle - LH	30	41	1	76-3080	Lift Arm Assembly RH	13	*	1
72-5130	Vent	30	23	1	76-3090	Lift Arm Assembly LH	13	30	1
72-5140	O-Ring	30	25	1	76-4690	Coupling - Axle	28	32	1
72-5150	Plug	30	26	1	76-4790	Pad - Rubber	1	11	1
72-5160	Shim .1mm	30	29	1	76-4830	Rod - Tie	10	18	1
72-5170	Shim .15 mm	30	*	1	76-8750	Plate - Warning	12	12	1
72-5180	Shim .5 mm	30	*	1	77-0550	Tube - Fill	15	44	1
72-5190	Shim .8 mm	30	*	1	77-2970	Ring & Pinion Assembly	31	*	1
72-5200	Shim 1.0 mm	30	*	1	77-2980	Arm - Knuckle	32	8	2

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.	Part No.	Description	Pg. No.	Ref. No.	Qty.
82-2310	Radiator Assembly	12	26	1	92-5512	Fitting - Hydraulic Straight	18	52	2
82-5730	Rod End	33	15	1	92-5513	Transmission	17	6	1
82-5740	Nut - Jam	33	14	1	92-5514	Footrest	7	30	1
82-8110	Retainer - Oil Guide	43	44	1	92-5515	Bracket - Tie Down	26	9	2
82-8530	Fitting	17	26	1	92-5516	Bracket - R.O.P.S. RH	26	*	1
82-8950	Foam	2	51	2	92-5517	Bracket - R.O.P.S. LH	26	15	1
83-5180	Shim - Axle	29	23	A/R	92-5518	Frame - R.O.P.S.	26	6	1
83-5330	Washer - Bearing	30	38	1	92-5521	Strap - Tie Down	26	20	2
83-5340	Nut - Bearing	30	37	1	92-5529	Hydraulic Cylinder Assembly	29	6	1
83-5350	Case - Bearing	30	33	1	92-5532	Link	7	29	1
83-5360	Seal - Oil	30	36	1	92-5534	Shaft - Traction Pedal	7	26	1
83-9150	Decal - Starting Fluid	24	23	1	92-5536	Tube - Traction Control	17	1	1
84-1870	Bracket	34	23	1	92-5536	Tube - Traction Control	7	15	1
84-1880	Fan - Cooling	34	1	1	92-5537	Pin - Pedal Pivot	7	8	1
84-1890	Pulley - Fan	34	2	1	92-5538	Pad - Traction Pedal Front	7	1	1
84-1910	Muffler	35	3	1	92-5539	Pad - Traction Pedal Rear	7	3	1
84-1930	Hub - Fan	34	3	1	92-5540	Tread - Foot RH	1	31	1
84-1940	Hub	34	7	1	92-5545	Cover - Tower Front	2	36	1
84-1950	Decal - GM 223-D	1	5	2	92-5548	Shield - Pedal Stop	2	53	1
84-1960	Decal - Service	1	18	1	92-5703	Piston	33	11	1
84-7580	Plate - Bushing Support	9	64	1	92-5704	Rod	33	2	1
84-7660	Clamp - Column	5	44	1	92-5705	Cap - Threaded	33	1	1
84-7670	Foam - Column Support	5	43	2	92-5706	Head - Cap	33	5	1
84-8600	Brake Shoe Set	16	16	1	92-5707	Seal Repair Kit	33	*	1
85-4980	PTO Switch Assembly	3	3	1	92-5708	Screw - Set	33	17	1
85-7540	Wire Harness	4	3	1	92-5709	Housing	19	6	1
85-7560	Plate - Control Panel	3	16	1	92-5716	Center Section	19	39	1
86-7190	Upper Housing Assembly	14	22	1	92-5717	Plug - Pipe	19	40	1
86-7220	Gear - Spur	17	36	1	92-5721	Plate - Link	7	13	1
86-7230	Gear - Spur	14	17	1	92-5750	Pad - Footrest	7	31	1
86-7470	Diode	4	6	1	92-5753	Clamp - Hose	2	55	3
88-3590	Nut - Lock	33	12	1	92-5757	Radiator Support Assembly	12	5	1
92-0845	Crankshaft	37	16	1	92-5759	Plate - Seat	24	9	1
92-0846	Cover Assembly	41	6	1	92-5772	Decal Traction Pedal	2	38	1
92-0847	Cap - Oil Filler	41	11	1	92-5773	Decal - Starting Instructions	25	79	1
92-1676	Gear & Pinion Assembly	15	*	1	92-5774	Decal - Warning	1	17	1
92-1773	Screw - Cap Hex. Hd.	14	14	4	92-5784	Tube - Yoke, Slip	22	5	1
92-1774	Oil Seal	16	2	2	92-6500	Frame Assembly	2	35	1
92-2377	Axle Assembly	13	34	1	92-6501	Tool Box Assembly	1	19	1
92-4907	Assembly - Diff. Carrier	15	*	1	92-6502	Tool Box Cover Assembly	1	14	1
92-5050	Pin - Rear Axle	28	8	1	92-6503	Fan Shroud Assembly	12	19	1
92-5053	Frame - Rear	28	5	1	92-7308	Power Steering Valve Assy.	5	3	1
92-5061	Support - Cylinder	29	7	1	92-7310	Bolt - Special	6	36	4
92-5067	Arm - Steering LH	29	13	1	92-7314	Assembly - Column	6	*	1
92-5070	Arm - Steering RH	29	22	1	92-7315	Seal	6	28	1
92-5072	Rod End Assembly	29	28	1	92-7316	Nut - Pus On	6	38	4
92-5075	Shaft - Traction Pedal	7	22	1	92-7317	Foam	6	39	1
92-5076	Adapter - Filter	17	45	1	92-7892	Bracket - Switch, Seat	24	51	1
92-5077	Bracket - Footrest	7	27	1	92-8751	Bracket - PTO Bearing	8	26	1
92-5080	Hose - Hydraulic	29	1	1	92-8775	Kit - Gasket, Liquid	16	*	
92-5080	Hose - Hydraulic	20	12	1	92-8799	Bearing	35	33	1
92-5080	Hose - Hydraulic	5	37	1	92-8799	PTO Shaft Bearing Assembly	8	23	1
92-5081	Hose - Hydraulic	29	2	1	92-8855	Shaft - PTO	8	20	1
92-5081	Hose - Hydraulic	20	13	1	92-8873	Tank - Fuel	13	40	1
92-5081	Hose - Hydraulic	5	46	1	92-8876	Belt - Fan	34	29	1
92-5082	Hose	17	35	2	92-8877	Seat Frame Assembly	25	55	1
92-5082	Hose - Hydraulic	20	1	2	92-8938	Tube - Yoke, Half-Slip	23	4	1
92-5083	Hose - Hydraulic	20	2	1	936125	Ring - Retaining	17	37	1
92-5083	Hose - Hydraulic	15	41	1	217-106	Wheel	28	19	2
92-5083	Hose - Hydraulic	17	49	1	217-116	Rim - 23 x 10.5 x 12	13	*	1
92-5084	Driveshaft (Complete)	22	*	1	217-117	Rim - 23 x 8.5 x 12	13	19	2
92-5085	Union - Filter	17	32	1	218-446	Nut - Hex.	3	9	1
92-5086	Fitting - Hydraulic 90°	17	47	1	218-447	Washer - Lock	3	8	1
92-5087	Seal - Filter Adapter	17	33	1	218-461	Nut - Jam	25	64	2
92-5088	Fitting - 45°	15	30	1	218-473	Boot - Switch	3	11	1
92-5090	Stop - Rear Axle	28	12	1	218-497	Nut - Face	3	12	1
92-5092	Pedal - Traction	7	2	1	218-573	Fuse 5.0A	4	8	2
92-5093	Bracket - Pivot	7	7	1	218-574	Fuse 7.5A	4	7	1
92-5094	Arm - Traction	7	20	1	218-576	Nut - Hex.	3	4	1
92-5511	Stop - Oscillation	29	20	2	219-17	Bulb - Light	4	10	4

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

3316-305

Part No.	Description	Pg. No.	Ref. No.	Qty.	Part No.	Description	Pg. No.	Ref. No.	Qty.
231-95	Tire - 23 x 10.5 x 12	13	*	2	281-10	Plug - Socket, Hex.	32	27	2
231-101	Tire - 23 x 8.5 x 12	13	18	2	282-27	Clevis	10	22	1
231-122	Tire	28	17	2	283-16	Pin - Clevis	10	19	1
232-27	Stem - Valve	28	20	2	283-49	Pin - Clevis	24	8	2
232-27	Valve Stem w Cap	13	*	2	283-58	Pin - Clevis	5	17	4
232-27	Valve Stem w/Cap	13	21	2	283-58	Pin - Clevis	10	23	1
233-17	Knob	5	8	1	283-58	Pin - Clevis	2	44	1
233-39	Knob	10	5	1	284-3	Plug - Welch	28	30	1
233-39	Knob	9	54	1	285-17	Plug - Pipe	19	28	4
237-7	O-Ring	25	62	1	289-6	Nipple - Pipe	15	45	1
237-21	Seal - O-Ring	29	3	2	2810-1	Coupler	15	46	1
237-22	O-Ring	17	25	1	302-5	Fitting - Grease	28	26	1
237-22	O-Ring	10	28	2	302-5	Fitting - Grease	5	30	2
237-22	O-Ring	5	38	2	302-5	Fitting - Grease	35	32	1
237-22	Seal - O-Ring	10	11	7	302-33	Fitting - Grease 90°	28	9	1
237-30	O-Ring	5	36	2	302-40	Fitting - Grease	35	51	1
237-30	O-Ring	25	58	1	302-40	Fitting - Grease	9	79	1
237-42	O-Ring	17	7	4	302-55	Fitting - Grease	29	17	3
237-65	Seal - O-Ring	10	9	5	302-58	Fitting - Grease	22	4	1
237-78	Seal - O-Ring	29	5	2	302-58	Fitting - Grease	23	5	
237-78	Seal - O-Ring	18	51	3	302-58	Fitting - Grease	8	30	1
237-79	Seal - O-Ring	17	46	2	302-59	Plug - Grease	28	3	1
237-136	Grommet	13	12	3	302-62	Fitting - Grease	13	29	2
242-34	Stud - Axle Flange	16	9	10	304-46	Drain Cock	12	28	1
2411-36	End - Rod	7	18	1	304-46	Fitting - Drain	13	37	1
2411-45	Rod End	29	16	2	304-99	Fitting - Hydraulic 90°	10	27	2
2412-4	R-Clamp	17	40	1	321-3	Screw - Cap Hex. Hd.	1	4	7
2412-34	Clamp - Hose	12	17	4	321-3	Screw - Cap Hex. Hd.	35	14	2
2412-34	Clamp - Hose	15	42	2	321-3	Screw - Cap Hex. Hd.	5	21	1
2412-34	Clamp - Hose	17	48	1	321-3	Screw - Cap Hex. Hd.	34	37	4
2412-36	Clamp	5	34	2	321-4	Screw - Cap Hex. Hd.	8	9	4
2412-36	Clamp	13	38	1	321-4	Screw - Cap Hex. Hd.	24	12	4
2412-36	Clamp - Hose	10	13	3	321-4	Screw - Cap Hex. Hd.	12	16	4
2412-42	Clamp - Hose	24	22	1	321-4	Screw - Cap Hex. Hd.	21	21	2
2412-74	R-Clamp	25	52	1	321-4	Screw - Cap Hex. Hd.	34	35	1
2412-92	Clamp - Hose	25	73	1	321-4	Screw - Cap Hex. Hd.	10	38	2
2412-96	R-Clamp	13	9	1	321-4	Screw - Cap Hex. Hd.	2	54	2
2412-103	Clamp - R	12	22	2	321-5	Screw - Cap Hex. Hd.	13	16	3
2412-104	R-Clamp	9	73	1	321-6	Screw - Cap Hex. Hd.	25	69	1
2412-107	R-Clamp	25	71	1	321-8	Screw - Cap Hex. Hd.	24	38	2
2412-108	Clamp	13	2	4	321-9	Screw - Cap Hex. Hd.	21	3	2
2412-108	Clamp	9	52	2	321-11	Screw - Cap Hex. Hd.	10	16	2
2412-108	Clamp - Hose	12	7	8	322-2	Screw - Cap Hex. Hd.	27	3	2
2412-108	Clamp - Hose	24	41	4	322-3	Screw - Cap Hex. Hd.	8	37	1
2412-108	Hose Clamp	17	34	4	322-3	Screw - Cap Hex. Hd.	25	72	4
2412-133	R-Clamp	27	2	2	322-4	Screw	34	6	2
251-8	Bearing - Ball	32	6	2	322-5	Screw - Cap Hex. Hd.	5	4	2
251-77	Collar - Locking	8	22	1	322-5	Screw - Cap Hex. Hd.	13	8	1
251-259	Bearing - Ball	21	23	1	322-5	Screw - Cap Hex. Hd.	24	32	5
251-263	Bearing - Ball	32	25	2	322-5	Screw - Cap Hex. Hd.	8	39	15
251-344	Bearing - Ball	30	4	1	322-5	Screw - Cap Hex. Hd.	2	56	3
251-345	Bearing - Ball	30	13	1	322-5	Screw Cap Hex. Hd.	35	7	1
251-347	Bearing - Ball	32	12	2	322-6	Screw - Cap Hex. Hd.	35	50	1
251-348	Bearing - Ball	32	3	2	322-8	Screw - Cap Hex. Hd.	28	35	2
251-349	Bearing - Ball	32	17	2	322-9	Screw - Cap Hex. Hd.	8	34	4
251-350	Bearing - Ball	30	18	2	322-11	Screw - Cap Hex. Hd.	34	21	1
253-155	Seal	28	28	2	322-13	Screw - Cap Hex. Hd.	24	5	4
254-65	Cone - Bearing	15	33	2	322-14	Screw - Cap Hex. Hd.	26	14	2
254-66	Cup - Bearing	15	32	2	322-14	Screw - Cap Hex. Hd.	25	85	2
254-90	Cup - Bearing	14	24	1	322-17	Screw - Cap Hex. Hd.	21	18	1
254-91	Cone - Bearing	14	25	1	323-6	Screw - Cap Hex. Hd.	34	25	1
254-108	Bearing - Tapered Roller	30	31	1	323-8	Screw - Cap Hex. Hd.	34	26	1
254-109	Bearing - Tapered Roller	30	39	1	323-8	Screw - Cap Hex. Hd.	19	29	2
256-42	Bushing	5	27	4	323-9	Screw - Cap Hex. Hd.	23	2	2
256-101	Bushing	13	28	4	323-9	Screw - Cap Hex. Hd.	8	3	2
256-116	Bushing	7	11	2	323-9	Screw - Cap Hex. Hd.	7	17	1
256-156	Bushing - Flange	7	10	2	323-9	Screw - Cap, Hex. Hd.	29	18	2
256-219	Bushing	7	19	2	323-10	Screw - Cap Hex. Hd.	8	27	2
256-299	Bushing	35	36	2	323-10	Screw - Cap Hex. Hd.	19	43	4
281-7	Plug - Pipe, Square Hd.	32	37	2	323-11	Screw - Cap Hex. Hd.	8	41	3

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. Ref.		Part No.	Description	Pg. Ref.	
		No.	Qty.			No.	Qty.
323-18	Screw - Cap Hex. Hd.	8	14	3253-8	Washer - Lock	13	13
323-34	Screw - Cap Hex. Hd.	35	43	3253-15	Washer - Lock	13	5
323-39	Screw - Cap Hex. Hd.	21	14	3253-21	Washer - Lock	21	13
323-39	Screw - Cap Hex. Hd.	17	28	3253-21	Washer - Lock	8	15
324-4	Screw - Cap Hex. Hd.	26	10	3253-21	Washer - Lock	17	31
324-5	Screw - Cap Hex. Hd.	13	27	3254-2	Washer - Lock ITLW	34	48
324-23	Screw - Cap Hex. Hd.	19	35	3254-9	Washer - Lock I.T.L.W.	21	10
325-5	Screw - Cap Hex. Hd.	26	7	3255-8	Washer - Lock	14	3
325-5	Screw - Cap Hex. Hd.	28	7	3255-8	Washer - Lock	1	12
325-9	Screw - Cap Hex. Hd.	26	17	3255-8	Washer - Lock ETLW	8	46
325-14	Screw - Cap Hex. Hd.	26	5	3255-8	Washer - Lock, Ext. Tooth	24	39
325-23	Screw - Cap Hex. Hd.	28	11	3256-22	Washer - Flat	10	7
3210-5	Screw - Cap Hex. Hd.	17	12	3256-22	Washer - Flat	12	15
3210-7	Screw - Cap Hex. Hd.	21	4	3256-22	Washer - Flat	24	18
3210-7	Screw - Cap Hex. Hd.	14	23	3256-22	Washer - Flat	3	21
3210-7	Screw - Cap Hex. Hd.	29	29	3256-22	Washer - Flat	5	35
3210-8	Screw - Cap Hex. Hd.	17	24	3256-23	Washer - Flat	10	1
3212-4	Screw - Cap Hex. Hd.	26	4	3256-23	Washer - Flat	5	1
3212-5	Screw	35	25	3256-23	Washer - Flat	24	3
3215-3	Screw	29	19	3256-23	Washer - Flat	27	4
3216-3	Screw - Cap Hex. Hd.	10	32	3256-23	Washer - Flat	26	12
3217-5	Nut - Hex.	34	47	3256-23	Washer - Flat	21	19
3217-9	Nut - Lock	26	18	3256-23	Washer - Flat	35	19
3217-16	Nut - Hex.	21	11	3256-23	Washer - Flat	34	20
3217-29	Nut - Hex.	12	37	3256-23	Washer - Flat	5	42
3218-3	Nut - Jam	17	42	3256-24	Washer - Flat	8	4
3219-2	Nut	14	2	3256-24	Washer - Flat	24	7
3219-2	Nut - Hex.	21	6	3256-24	Washer - Flat	7	12
3219-6	Nut - Hex.	13	32	3256-24	Washer - Flat	35	22
3220-2	Nut - Jam	35	21	3256-24	Washer - Flat	34	27
3220-2	Nut - Jam RH	10	21	3256-24	Washer - Flat	17	44
3220-3	Nut - Jam	7	16	3256-25	Washer - Flat	26	2
3220-5	Nut - Jam	29	25	3256-25	Washer - Flat	13	26
3220-6	Nut	6	27	3256-26	Washer - Flat	10	2
3220-6	Nut - Hex.	5	5	3256-26	Washer - Flat	17	2
3220-7	Nut - Jam	18	50	3256-26	Washer - Flat	26	8
3220-11	Nut - Jam	29	8	3256-26	Washer - Flat	5	14
3230-2	Bolt - Carriage	34	13	3256-27	Washer - Flat	24	45
3230-2	Bolt - Carriage	7	25	3256-67	Washer - Flat	13	14
3230-2	Carriage - Bolt	21	12	3256-69	Washer - Flat	5	45
3230-4	Bolt - Carriage	35	35	3256-69	Washer - Flat	25	77
3230-4	Bolt - Carriage	9	67	3256-71	Washer - Flat	17	21
3230-23	Bolt - Carriage	34	9	3257-5	Key - Woodruff	19	11
3230-23	Bolt - Carriage	1	28	3257-5	Key - Woodruff	8	19
3234-5	Screw - Flange Hd.	12	8	3257-5	Key - Woodruff	17	11
3234-13	Screw - Flange Hd.	1	24	3258-19	Screw - Cap Hex. Hd.	24	30
3234-13	Screw - Flange Hd.	9	74	3269-10	Washer - Flat	12	29
3234-13	Screw - Flange Hd.	13	22	3269-13	Rivet	12	31
3234-14	Screw - Flange Hd.	1	21	3272-4	Pin - Cotter	25	75
3234-17	Screw - Flange Hd.	12	4	3272-5	Pin - Cotter	5	13
3234-17	Screw - Flange Hd.	24	15	3272-5	Pin - Cotter	10	20
3234-25	Screw - Flange	28	4	3272-6	Pin - Cotter	7	14
3241-6	Screw - Set	17	13	3272-10	Pin - Cotter	17	4
3246-1	Screw - Set	8	21	3272-10	Pin - Cotter	7	9
3249-3	Screw - Round Hd.	12	36	3272-10	Pin - Cotter	5	18
3249-11	Screw - Round Hd.	21	8	3272-10	Pin - Cotter	2	46
3250-39	Screw - Pan Head	35	18	3272-11	Pin - Cotter	24	6
3253-3	Washer - Lock	10	8	3272-11	Pin - Cotter	29	11
3253-3	Washer - Lock	22	8	3272-15	Pin - Cotter	8	7
3253-3	Washer - Lock	8	10	3272-17	Pin - Cotter	32	31
3253-3	Washer - Lock	24	13	3272-17	Pin - Cotter	13	33
3253-3	Washer - Lock	13	15	3272-23	Pin - Cotter	10	29
3253-3	Washer - Lock	28	33	3272-31	Pin - Cotter	10	39
3253-3	Washer - Lock	34	36	3273-38	Screw - Hex Socket Hd.	13	35
3253-4	Washer - Lock	26	13	3274-32	Screw - Hex. Hd. Socket	1	13
3253-4	Washer - Lock	35	49	3274-64	Screw - Cap Hex. Hd.	28	34
3253-4	Washer - Lock	9	76	3274-64	Screw - Cap, Soc. Hd.	22	7
3253-4	Washer - Lock	25	84	3274-64	Screw - Socket Hd.	3	2
3253-6	Washer - Lock	26	3	3290-55	Rivet	12	13
3253-7	Washer - Lock	26	16	3290-255	Pin - Hair, Cotter	24	11

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

3316-305

Part No.	Description	Pg. No.	Ref. No.	Qty.	Part No.	Description	Pg. No.	Ref. No.	Qty.
3290-271	Rivet	2	48	4	32128-20	Nut - Flange	34	8	3
3290-359	Screw - Machine	1	9	4	32128-20	Nut - Flange	1	25	4
3290-378	Tie - Cable	25	61	1	32128-20	Nut - Flange	24	26	9
3296-4	Nut - Lock	9	75	1	32128-20	Nut - Flange	9	72	4
3296-6	Nut - Lock	29	26	1	32128-20	Nut - Lock	12	3	6
3296-9	Nut - Lock	36	9	3	32128-20	Nut - Lock	13	10	1
3296-12	Nut - Hex.	35	15	2	32128-23	Nut - Flange Lock	26	11	4
3296-12	Nut - Lock	2	49	4	32128-33	Nut - Flange	1	6	13
3296-12	Nut - Lock	3	19	1	32128-33	Nut - Flange Hd.	9	78	1
3296-15	Nut - Lock	24	49	4	32128-33	Nut - Hex. Flange	25	76	3
3296-20	Nut - Lock	10	24	2	32128-44	Nut - Flange Lock	7	28	2
3296-25	Nut - Lock	5	2	4	32128-44	Nut - Flange Lock	2	57	3
3296-29	Nut - Lock	28	6	2	32128-49	Nut - Flange	7	23	2
3296-29	Nut - Lock	35	9	2	32128-50	Pin - Roll	7	32	1
3296-29	Nut - Lock	5	10	2	32128-56	Nut - Flange	7	24	2
3296-29	Nut - Lock	34	12	3	32136-13	Nut - Slotted	29	12	2
3296-29	Nut - Lock	21	20	3	32144-1	Screw - Hex. Hd.	3	20	2
3296-29	Nut - Lock	8	25	12	32144-14	Screw - Cap Hex. Hd.	28	10	1
3296-29	Nut - Lock	28	31	2	32144-21	Screw - Pan Hd. Phillips	5	41	1
3296-29	Nut - Lock	10	40	1	32148-6	Nut - Clinch	25	78	6
3296-39	Nut - Lock	29	14	2	32148-7	Nut - Clinch	2	59	22
3296-39	Nut - Lock	7	21	1	32148-8	Nut - Clinch	9	80	4
3296-39	Nut - Lock	34	22	2	32148-9	Nut - Clinch	2	58	3
3296-39	Nut - Lock	8	24	7	32148-9	Nut - Clinch	25	86	2
3296-39	Nut - Lock	17	39	2	32148-10	Nut - Clinch	2	60	10
3296-42	Nut - Lock	21	1	4	32148-11	Nut - Clinch	10	41	2
3296-42	Nut - Lock	24	4	3	32148-11	Nut - Clinch	9	77	2
3296-42	Nut - Lock	12	11	4	32149-1	Nut - Keps	35	31	2
3296-42	Nut - Lock	35	11	2	32149-1	Nut - Lock	9	65	2
3296-42	Nut - Lock	5	25	1	32149-7	Nut - Keps	34	46	2
3296-42	Nut - Lock	10	34	2	32151-46	Ring - Retaining	19	1	2
3296-45	Nut - Lock	28	13	1	32151-83	Snap Ring	35	47	2
3296-48	Nut - Lock	13	17	4	32151-87	Ring - Retaining	28	23	1
3296-48	Nut - Lock	26	19	4	32152-5	Nut - Lock	17	14	6
3296-51	Nut - Lock	28	15	1	32153-2	Nut - Lock	23	7	2
3296-59	Nut - Lock	35	23	1	340-2	Fitting - Hydraulic Straight	10	10	1
32105-1	Screw	3	17	1	340-70	Nut - Fitting	10	35	1
32105-8	Screw	34	45	2	340-71	Fitting - Hydraulic Bulkhead	10	36	1
32105-13	Screw - Cap Hex. Hd.	24	2	4	340-77	Fitting - Hydraulic 90°	10	*	1
32107-11	Nut - Square	24	28	2	340-77	Fitting - Hydraulic 90°	10	17	2
32120-10	Ring - Retaining	34	4	1	340-86	Fitting - Hydraulic Tee	10	26	1
32121-6	Pin - Roll	7	4	1	340-132	Fitting - Hydraulic 90°	29	4	2
32121-6	Pin - Roll	24	46	1	353-508	Plug Assembly	11	14	1
32121-15	Pin - Roll	15	34	1	353-781	Fitting 90°	8	11	1
32121-32	Pin - Roll	35	39	1	353-783	Fitting - Straight	8	44	1
32121-34	Pin - Roll	23	1	1	353-979	Hose Barb	17	8	1
32121-34	Pin - Roll	28	29	1	353-988	Plug - Hydraulic	18	55	1
32121-34	Pin - Roll	8	33	1	353-990	Plug - Hydraulic	18	56	1
32121-44	Pin - Roll	33	16	1	354-20	Block	12	32	1
32121-50	Pin - Roll	5	24	1	354-21	Fitting - Fuel	12	34	1
32121-91	Pin	19	14	3	354-22	Fitting - Fuel	12	33	2
32122-24	Screw - Machine	13	4	5	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.

TABLE OF CONTENTS

Description	Page	Description	Page
Body Assembly	1-2	R.O.P.S. Assembly	26
Control Panel Assembly	3	Manual Storage	27
Electrical Schematic	4	Rear Axle Installation Assembly	28
Power Steering & Brake Pedal Assembly	5	Steering Linkage Assembly	29
Steering Valve Assembly No. 92-7308	6	Rear Axle Assembly No. 68-6822	30-32
Traction Pedal Assembly	7	Hydraulic Steering Cylinder No. 92-5529	33
Power Take Off, Battery & Engine Mount	8-9	Engine Assembly	34
Hydraulic Lift System Assembly	10	Power Take-Off Assembly	35
Lift Valve Assembly No. 63-7960	11	Clutch Assembly No. 63-6050	36
Radiator Assembly	12	Valves & Crankshaft Assembly	37-38
Fuel Tank and Axle Assembly	13	Crankcase Assembly	39
Front Axle Assembly No. 92-2377	14-15	Camshaft Assembly	40
Brake Assembly	16	Cylinder Head Assembly	41
Transmission & Drive Coupling Assembly ...	17-18	Water Pump Assembly	42
Transmission Assembly No. 92-5513	19	Fuel Supply & Engine Block Assembly	43
Hydraulic Schematic	20	Fuel Injection Pump Assembly	44
Transmission Interlock Assembly	21	Governor Assembly	45
Drive Shaft Assembly No. 92-5084	22	Starter Assembly	46
Full Time 4WD Drive Shaft Assy. No.92-9075	23	Alternator Assembly	47
Seat Frame & Air Cleaner Assembly	24-25	TORO Part Number Index	48-57

