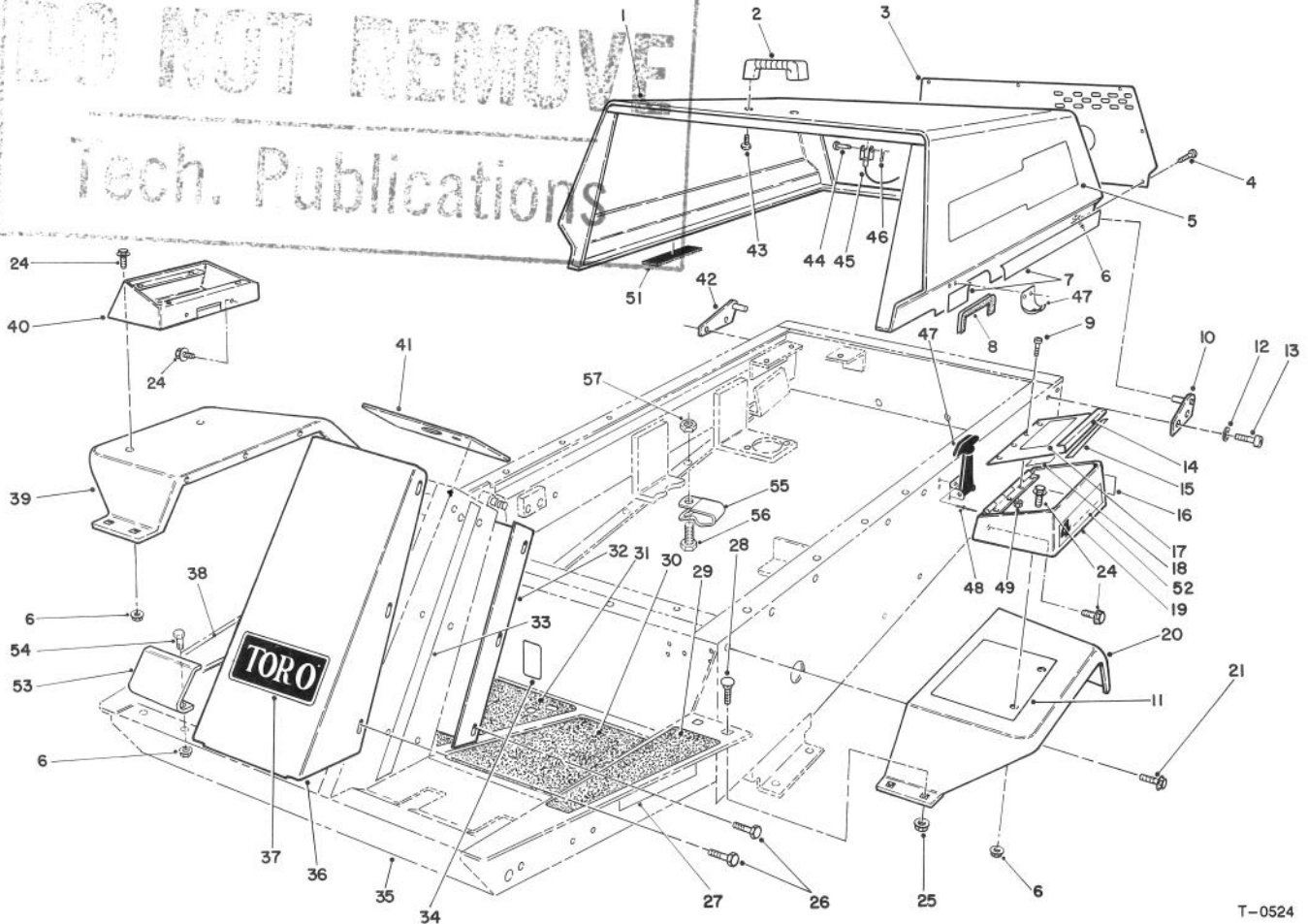


TORO[®]

MODEL NO. 30243-30001 & UP

**PARTS
CATALOG****GROUNDMASTER[®] 223-D 4wd
TRACTION UNIT**

T-0524

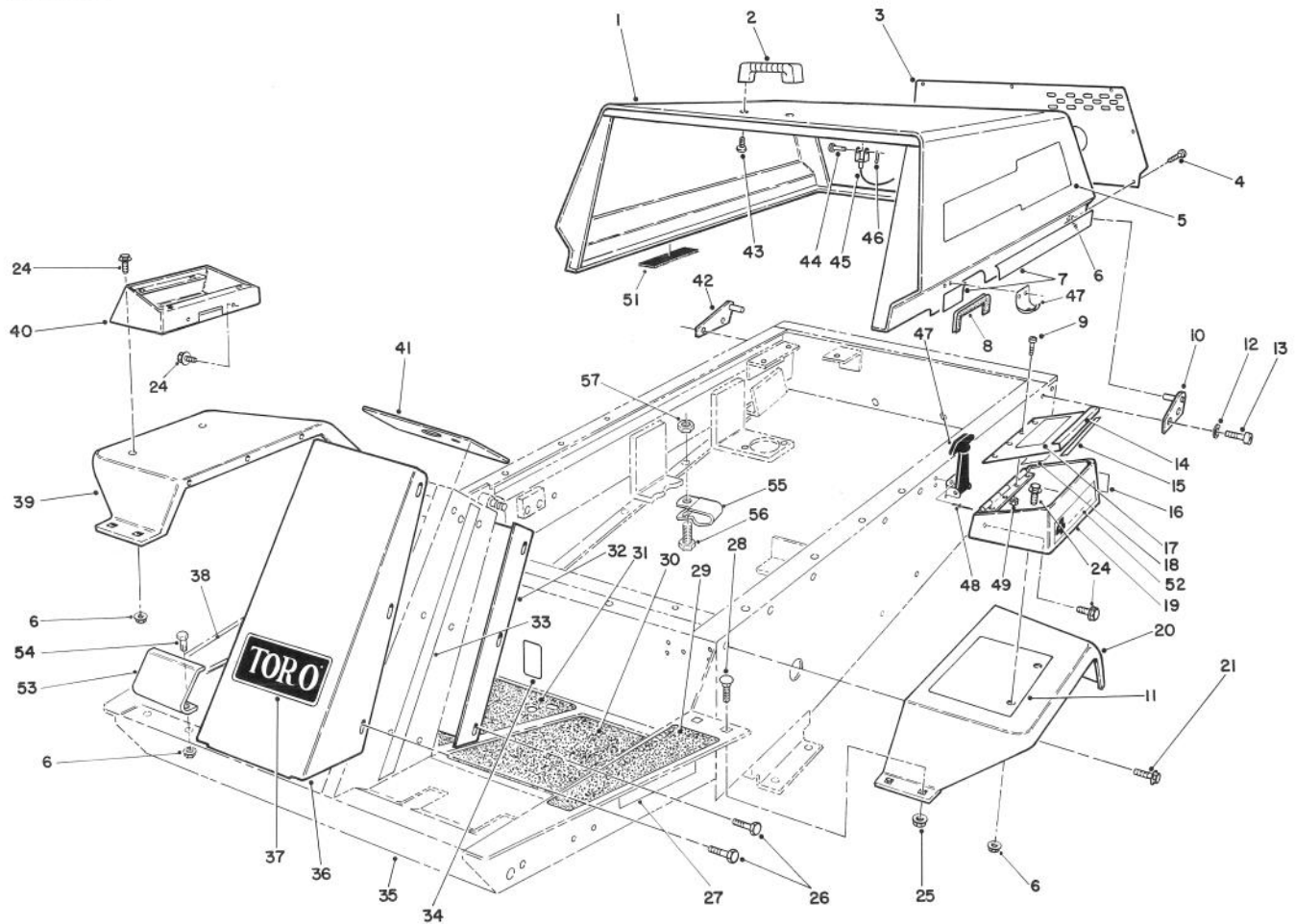
BODY ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	14-7149	Hood Assembly	1
2	65-5100	Handle - Hood	1
3	63-7030	Screen - Hood	1
4	321-3	Screw - Cap Hex. Hd.	7
5	84-1950	Decal - GM 223-D	2
6	32128-33	Nut - Flange	13
7	66-8680	Decal - Hood LH	1
*	66-8670	Decal - Hood RH	1
8	66-8110	Trim - Hood	1
9	3290-359	Screw - Machine	4
10	63-6900	Plate Hinge LH	1
11	76-4790	Pad - Rubber	1
12	3255-8	Washer - Lock	4
13	3274-32	Screw - Hex. Hd. Socket	4
14	92-6502	Tool Box Cover Assembly (Incl. Ref. #17 & 18)	1

Ref. No.	Part No.	Description	No. Used
15	66-3050	Strip - Magnetic	1
16	27-7310	Decal (Caution Over Fill)	1
17	92-5774	Decal - Caution	1
18	84-1960	Decal - Service	1
19	92-6501	Tool Box Assembly (Incl. Ref. #16)	1
20	63-7310	Fender LH	1
21	3234-14	Screw - Flange Hd.	8
24	3234-13	Screw - Flange Hd.	8
25	32128-20	Nut - Flange	4
26	46-6810	Screw - Cap Hex. Hd.	13
27	67-1720	Decal - Caution	2
28	3230-23	Bolt - Carriage	4
29	66-3200	Tread - Foot Rest LH	1
30	66-3210	Tread - Foot LH	1
31	92-5540	Tread - Foot RH	1

*Not Illustrated

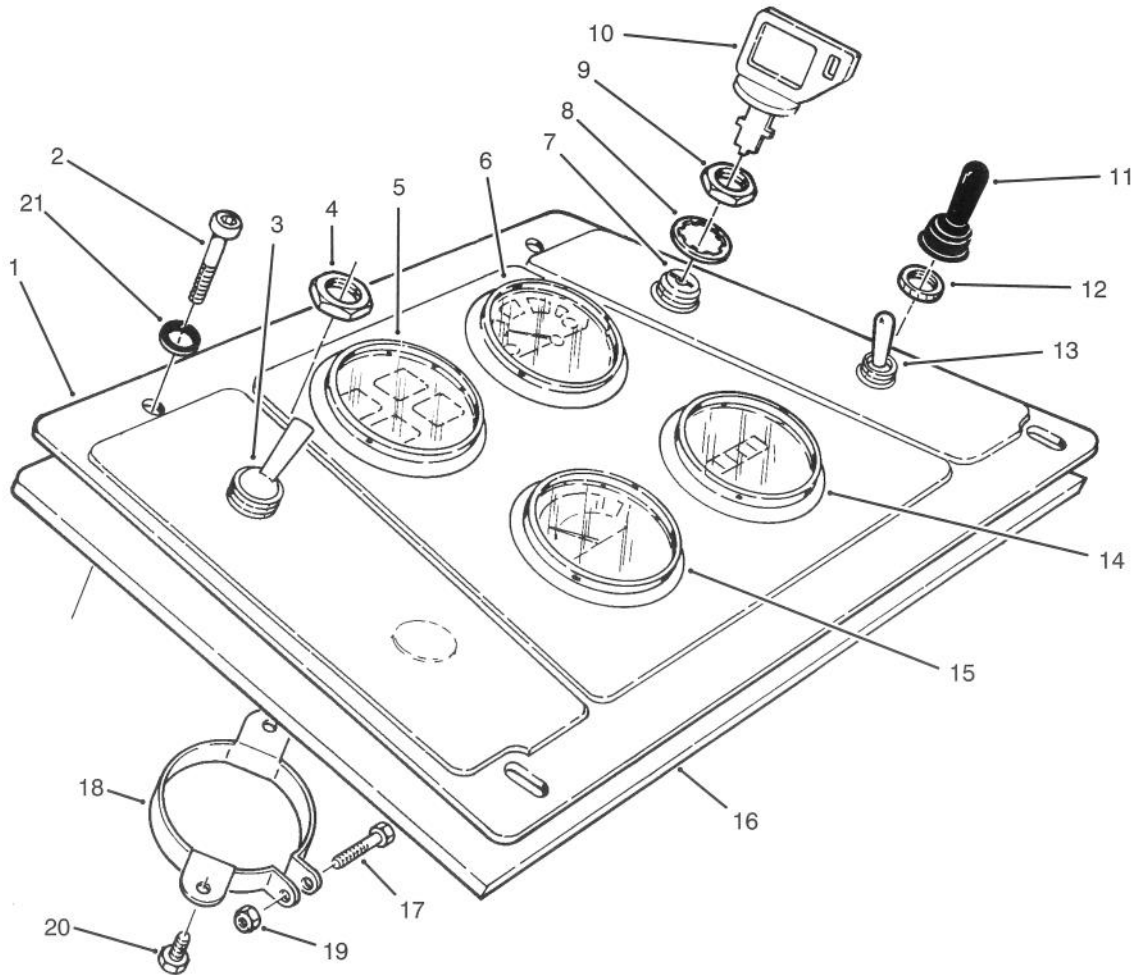
TPS



T-0524

BODY ASSEMBLY (Continued)

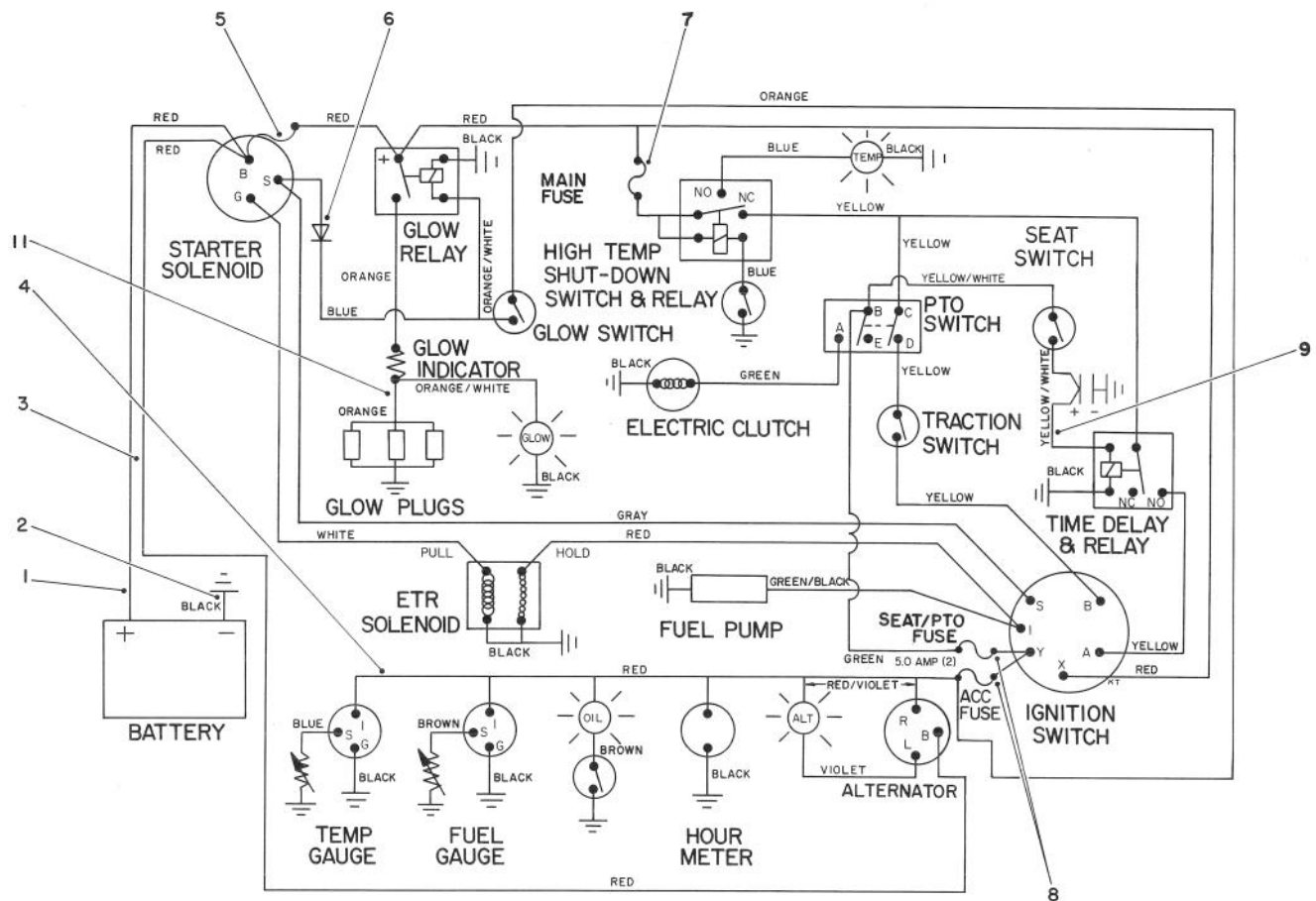
Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
32	63-7320	Cover - Tower Rear	1	44	283-58	Pin - Clevis	1
33	66-8760	Decal - Tower LH	1	45	66-2870	Cable - Hood Stop	1
*	66-8770	Decal - Tower RH	1	46	3272-10	Pin - Cotter	1
34	53-4430	Decal - Oil	1	47	59-9740	Latch Assembly	1
35	92-6500	Frame Assembly (Incl. Ref. #27, 34 & 38)	1	48	3290-271	Rivet	4
36	92-5545	Cover - Tower Front	1	49	3296-12	Nut - Hex.	4
37	62-5550	Decal - TORO	1	51	82-8950	Foam	2
38	92-5772	Decal Traction Pedal	1	52	72-3560	Decal - 4wd	2
39	63-7300	Fender - RH	1	53	92-5548	Shield - Pedal Stop	1
40	63-8050	Box - Control	1	54	321-4	Screw - Cap Hex. Hd.	2
41	66-2470	Plate - Tower	1	55	92-5753	Clamp - Hose	3
42	63-6890	Plate - Hinge RH	1	56	322-5	Screw - Cap Hex. Hd.	3
43	46-8091	Screw - Cap Hex. Hd.	2	57	32128-25	Nut - Flange Lock	3



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

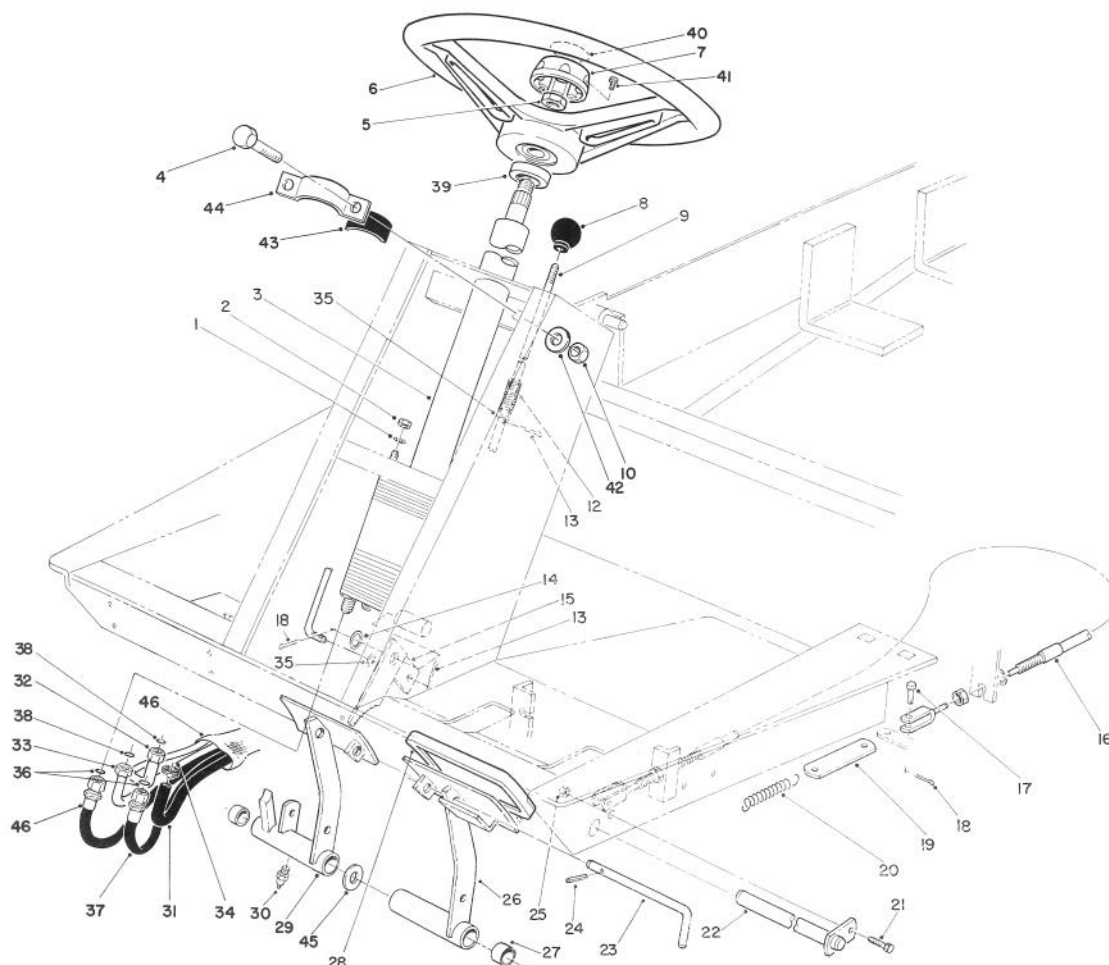


T-0526

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	67-7130	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



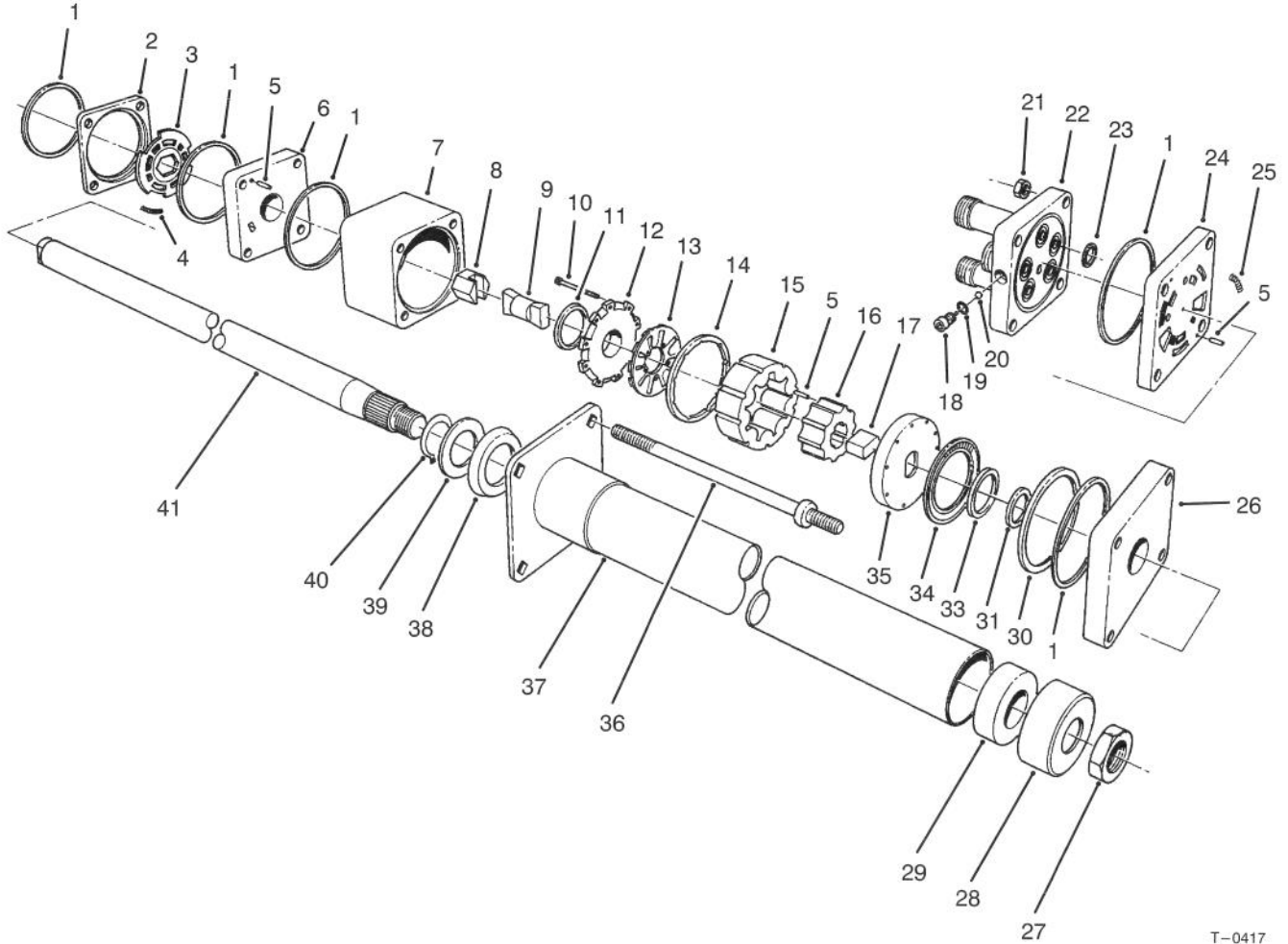
T-1247

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	63-9250	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

3315-940



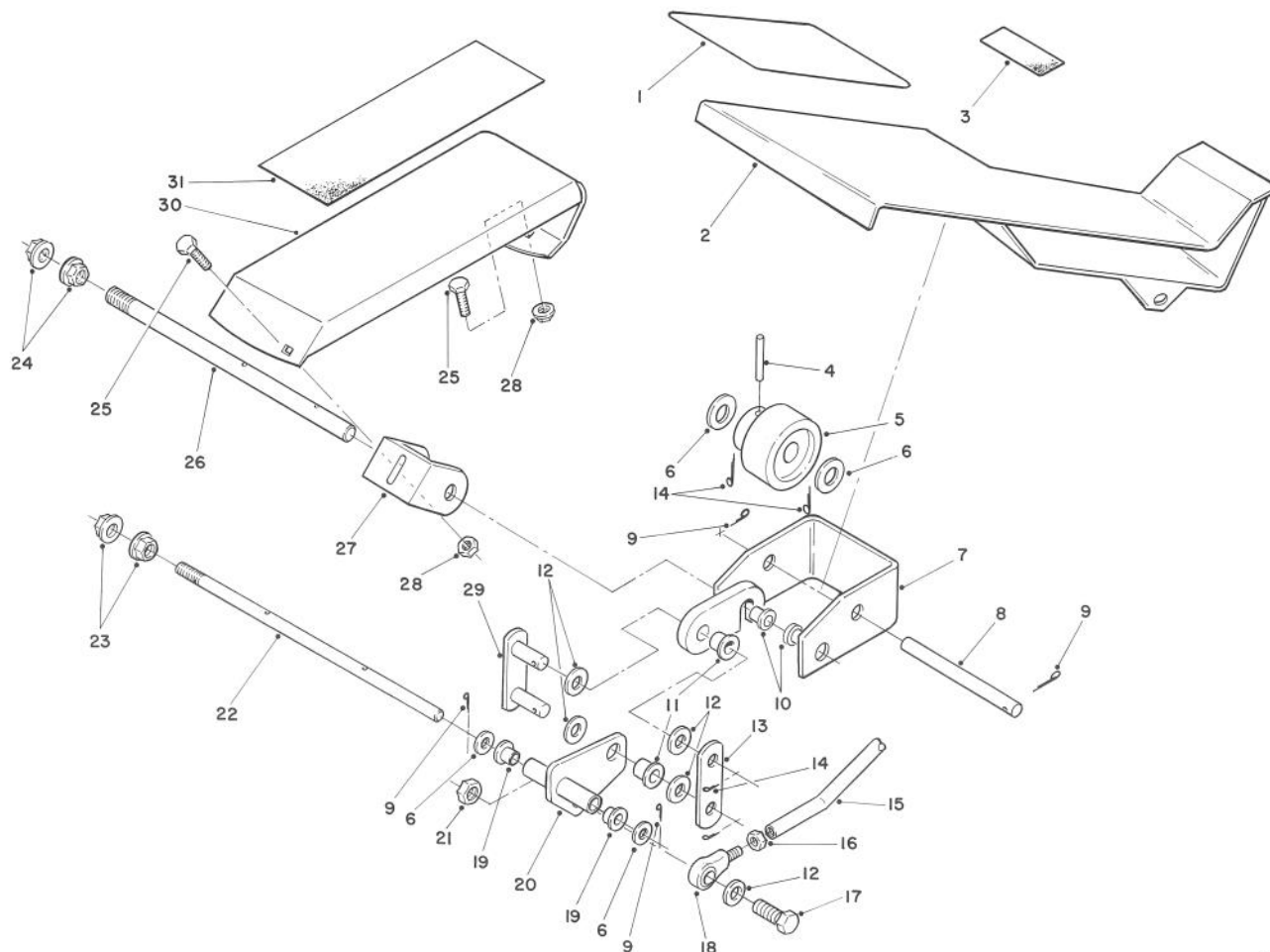
T-0417

STEERING VALVE ASSEMBLY NO. 63-9250

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

Ref. No.	Part No.	Description	No. Used
25		Spring	3
26		Plate - Upper Cover	1
27	3220-6	Nut	1
28	66-9770	Seal	1
29	66-9780	Bushing	1
30		Spacer - Bearing, Thrust	1
31		Spacer - Seal	1
33		Seal - Face	1
34		Bearing - Thrust	1
35		Plate - Drive	1
36	66-9850	Bolt - Special	4
37	66-9860	Upper Cover & Jacket	1
38	66-9870	Plate - Retaining	1
39	66-9880	Washer - Retaining Plate	1
40	66-9890	Ring - Retaining	1
41	66-9900	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

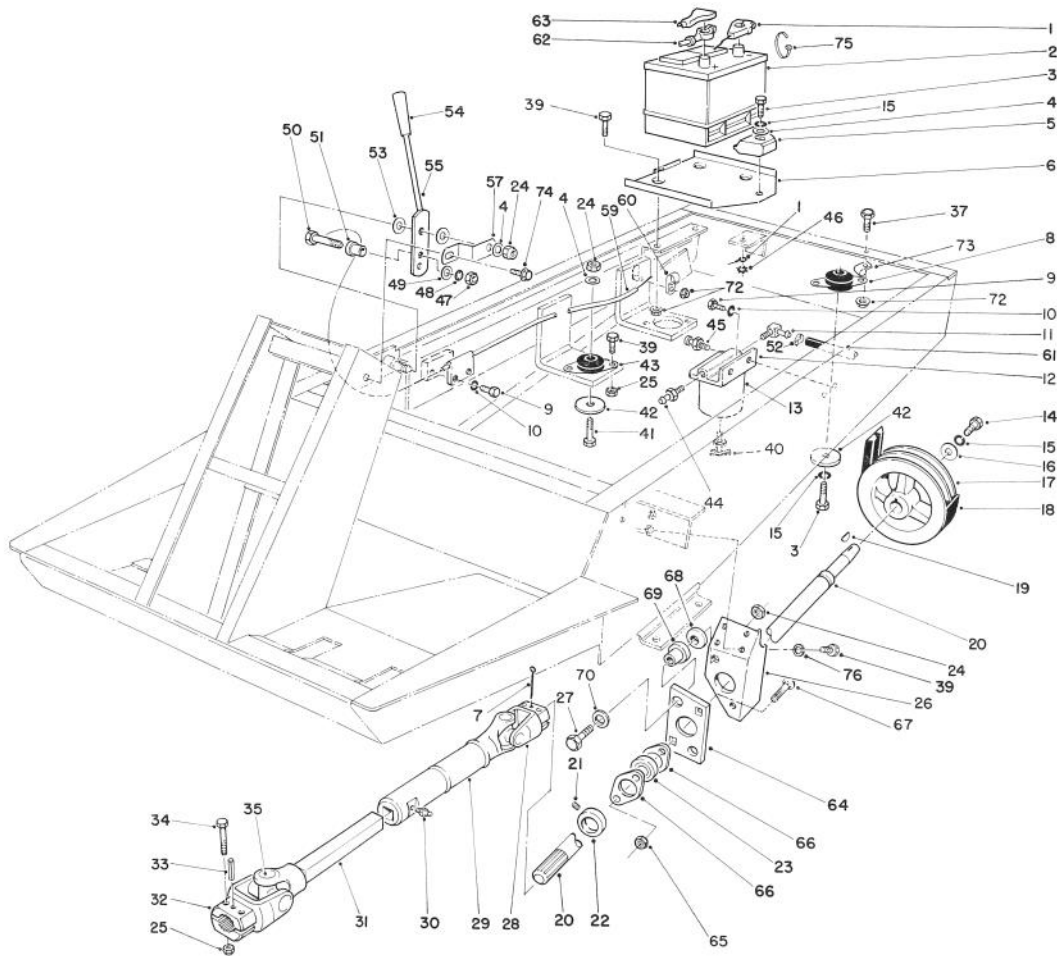
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T-1688

TRACTION PEDAL ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	92-5538	Pad - Traction Pedal Front	1	17	323-9	Screw - Cap Hex. Hd.	1
2	92-5092	Pedal - Traction	1	18	2411-36	End - Rod	1
3	92-5539	Pad - Traction Pedal Rear	1	19	256-219	Bushing	2
4	32121-6	Pin - Roll	1	20	92-5094	Arm - Traction	1
5	28-5220	Wheel - Friction	1	21	3296-39	Nut - Lock	1
6	5-7570	Washer	4	22	92-5075	Shaft - Traction Pedal	1
7	92-5093	Bracket - Pivot	1	23	32128-49	Nut - Flange	2
8	92-5537	Pin - Pedal Pivot	1	24	32128-56	Nut - Flange	2
9	3272-10	Pin - Cotter	4	25	3230-2	Bolt - Carriage	2
10	256-156	Bushing - Flange	2	26	92-5534	Shaft - Traction Pedal	1
11	256-116	Bushing	2	27	92-5077	Bracket - Footrest	1
12	3256-24	Washer - Flat	5	28	32128-25	Nut - Flange Lock	2
13	92-5721	Plate - Link	1	29	92-5532	Link	1
14	3272-6	Pin - Cotter	4	30	92-5514	Footrest	1
15	92-5536	Rod - Pump Control	1	31	92-5750	Pad - Footrest	1
16	3220-3	Nut - Jam	1				

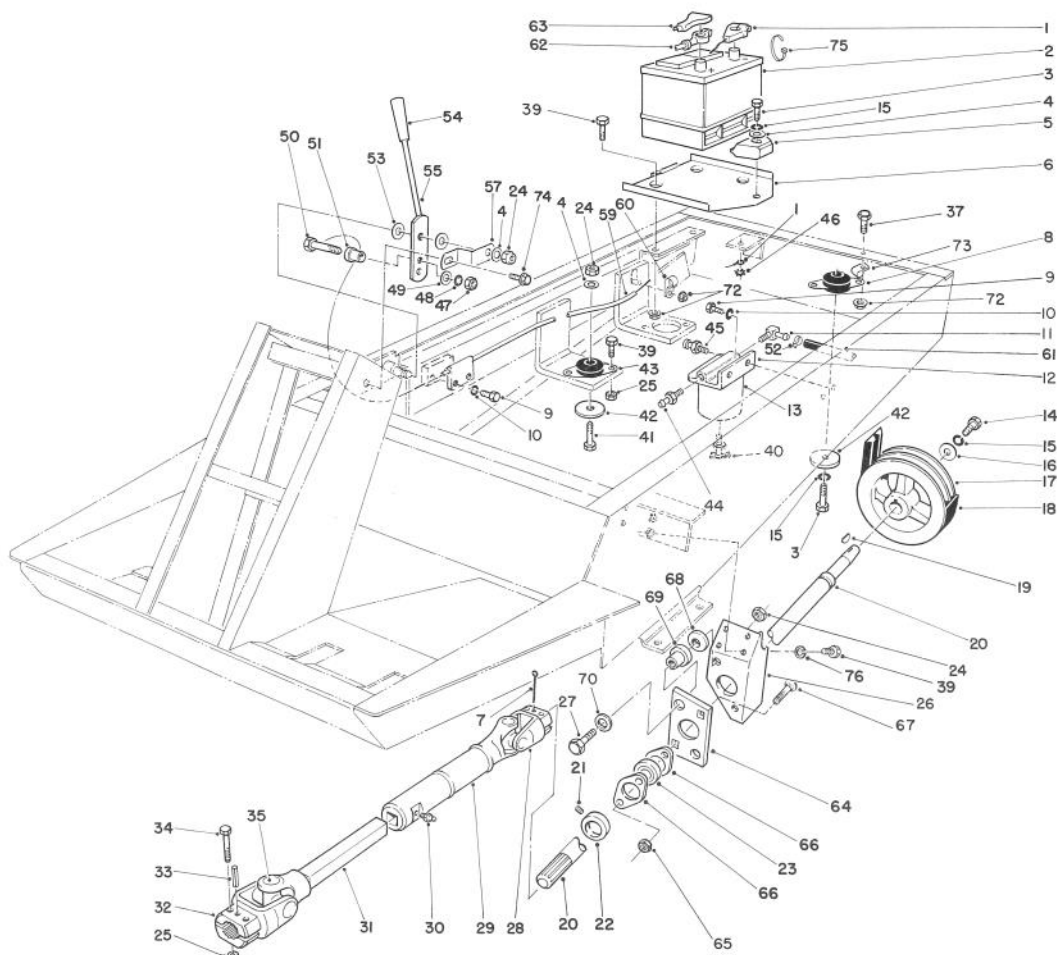


T-0530

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 Battery	1	23	251-253	PTO Shaft Bearing Assembly (Incl. Ref. #21 & 22)	1
†2		Type 26 SMF-5	1	24	3296-39	Nut - Lock	7
3	323-9	Screw - Cap Hex. Hd.	2	25	3296-29	Nut - Lock	12
4	3256-24	Washer - Flat	4	26	63-6530	Bracket - PTO Bearing	1
5	66-2490	Clamp - Battery Retainer	1	27	323-10	Screw - Cap Hex. Hd.	2
6	66-2330	Base - Battery	1	28	54-9090	Yoke - End	1
7	3272-15	Pin - Cotter	1	29	54-9170	Tube - Slip Yoke	1
8	63-7141	Mount - Shock (Red)	1	30	302-58	Fitting - Grease	1
9	321-4	Screw - Cap Hex. Hd.	4	31	54-9050	Shaft - Slip Yoke	1
10	3253-3	Washer - Lock	4	32	54-9040	Yoke - End	1
11	353-781	Fitting 90°	1	33	32121-34	Pin - Roll	1
12	63-8280	Head Assembly	1	34	322-9	Screw - Cap Hex. Hd.	4
13	63-8300	Element - Spin-On	1	35	54-9180	Kit - Universal Joint	2
14	323-18	Screw - Cap Hex. Hd.	1	37	322-3	Screw - Cap Hex. Hd.	1
15	3253-21	Washer - Lock	3	39	322-5	Screw - Cap Hex. Hd.	15
16	29-4730	Washer - PTO	1	40	63-8310	Valve - Drain	1
17	43-5320	Pulley - PTO	1	41	323-11	Screw - Cap Hex. Hd.	3
18	63-6240	Belt - PTO	1	42	63-7400	Washer - Rebound	4
19	3257-5	Key - Woodruff	1	43	63-7142	Mount - Shock (Yellow)	3
20	63-6220	Shaft - PTO	1	44	353-783	Fitting - Straight	1
21	3246-1	Screw - Set	1	45	63-8290	Vent - Air	1
22	251-77	Collar - Locking	1	46	3255-8	Washer - Lock ETLW	1

†Obtain Locally

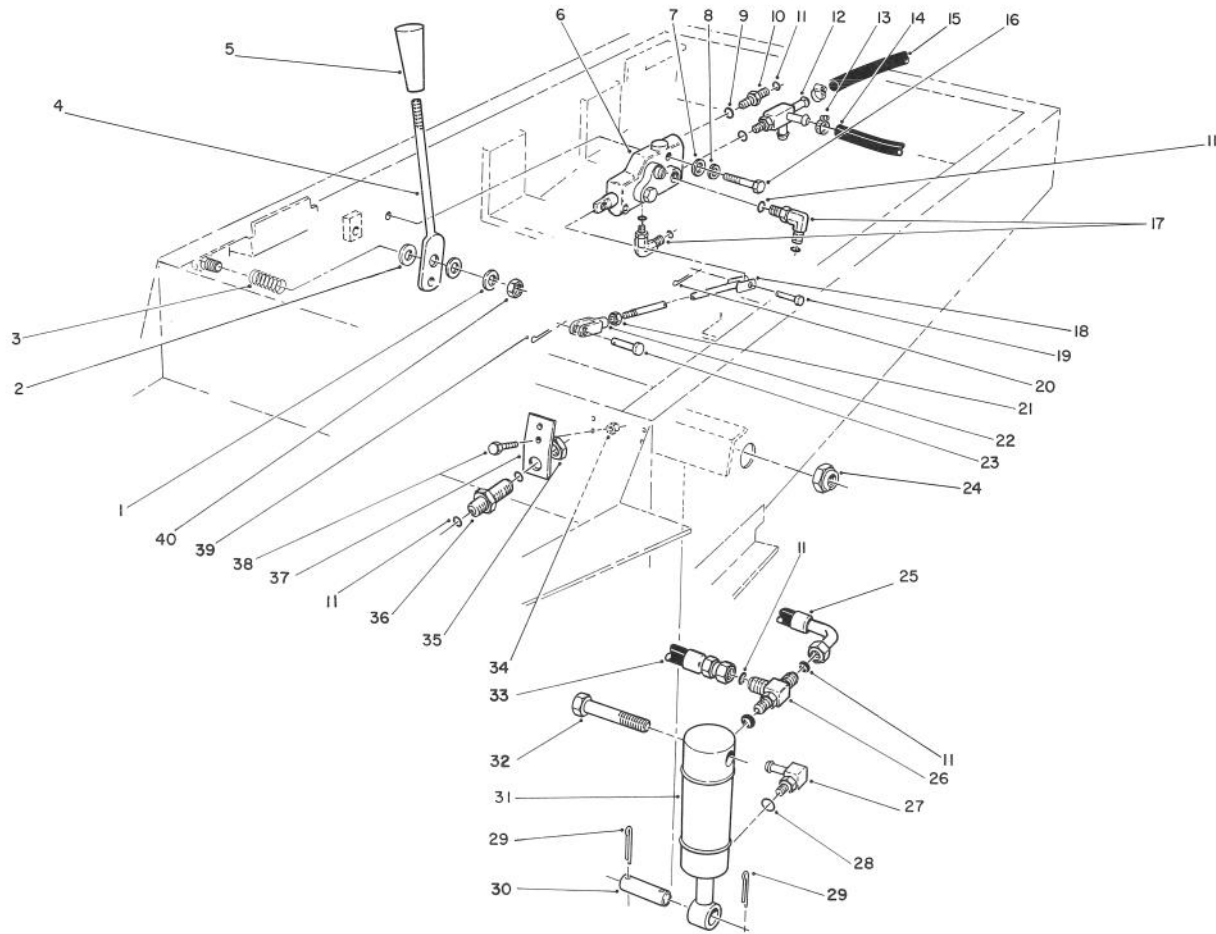


T-0530

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

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
47		Nut - Hex.	1	65	32149-1	Nut - Lock	2
48		Washer - Lock ITLW	1	66	251-326	Flange - Bearing	2
49		Washer - Flat	1	67	3230-2	Bolt - Carriage	2
50		Screw - Special	1	68	67-1630	Spacer - PTO	2
51		Sleeve - Connector	1	69	63-9750	Mount	2
52	2412-108	Clamp	2	70	63-8410	Washer - Flat	2
53	66-2920	Washer - Friction	2	72	32128-20	Nut - Flange	5
54	233-39	Knob	1	73	2412-104	R-Clamp	2
55	71-3500	Lever - Throttle	1	74	3234-13	Screw - Flange Hd.	1
57	66-2670	Bracket - Throttle	1	75	3290-378	Tie - Cable	1
59	76-1000	Cable - Throttle	1	76	3253-4	Washer - Lock	4
60	67-7210	R-Clamp	2	*	63-6760	Throttle Cable Swivel Assy. (Incl. Ref. #47-51)	1
61	63-7610	Hose	1	*	54-7950	Drive Shaft Assembly (Incl. Ref. #28-32 & 35)	1
62	43-4031	Cable - Battery Positive	1				
63	28-1280	Boot - Positive Cable	1				
64	84-7580	Plate - Bushing Support	1				

*Not Illustrated

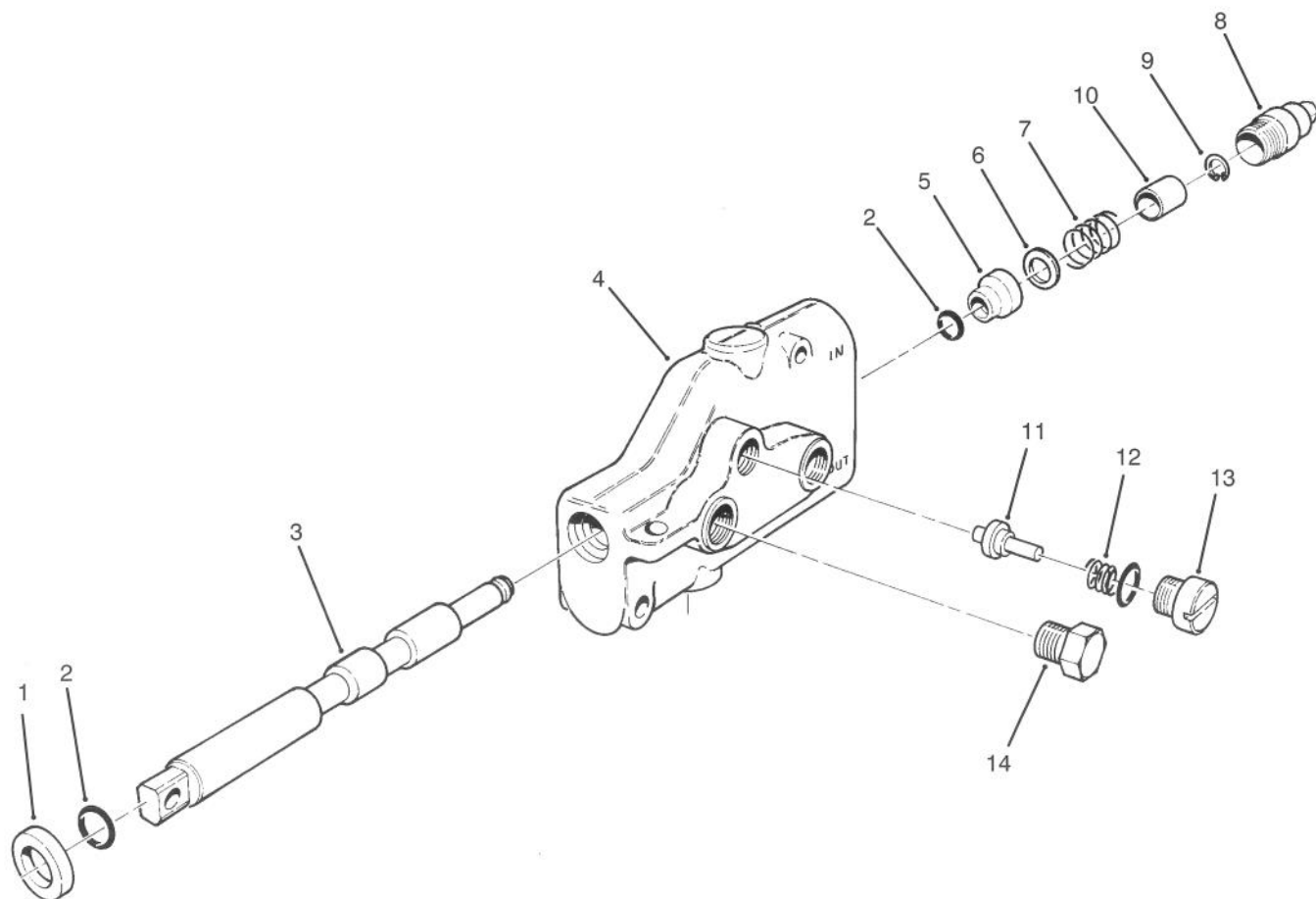


T-0531

HYDRAULIC LIFT SYSTEM ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	3256-23	Washer - Flat	1	24	3296-15	Nut - Lock	2
2	3256-26	Washer - Flat	2	25	66-8190	Hose - Hydraulic	1
3	70-7530	Spring - Compression	1	26	340-86	Fitting - Hydraulic Tee (Incl. Ref. #9 & 11) (Used On Cap End of Left Cylinder)	1
4	66-2720	Lever - Lift	1	*	340-77	Fitting - Hydraulic 90° (Incl. Ref. #9 & 11) (Used On Cap End of Right Cylinder)	1
5	233-39	Knob	1	27	304-99	Fitting - Hydraulic 90° (Incl. Ref. #28)	2
6	63-7960	Valve - Lift	1	28	237-22	O-Ring	2
7	3256-22	Washer - Flat	2	29	3272-23	Pin - Cotter	4
8	3253-3	Washer - Lock	2	30	27-4240	Pin - Cylinder	2
9	237-65	Seal - O-Ring	5	31	63-6630	Cylinder - Lift	2
10	340-2	Fitting - Hydraulic Straight (Incl. Ref. #9 & 11)	1	32	3216-3	Screw - Cap Hex. Hd.	2
11	237-22	Seal - O-Ring	7	33	66-8640	Hose - Hydraulic	1
12	66-3130	Fitting - Hydraulic Tee (Incl. Ref. #9)	1	34	3296-42	Nut - Lock	2
13	2412-36	Clamp - Hose	3	35	340-70	Nut - Fitting	1
14	66-8150	Hose - Hydraulic	1	36	340-71	Fitting - Hydraulic Bulkhead (Incl. Ref. #11 & 35)	1
15	66-8500	Hose	1	37	63-7410	Bracket - Bulkhead	1
16	321-11	Screw - Cap Hex. Hd.	2	38	321-4	Screw - Cap Hex. Hd.	2
17	340-77	Fitting - Hydraulic 90° (Incl. Ref. #9 & 11)	2	39	3272-31	Pin - Cotter	1
18	76-4830	Rod - Tie	1	40	3296-29	Nut - Lock	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				

*Not Illustrated

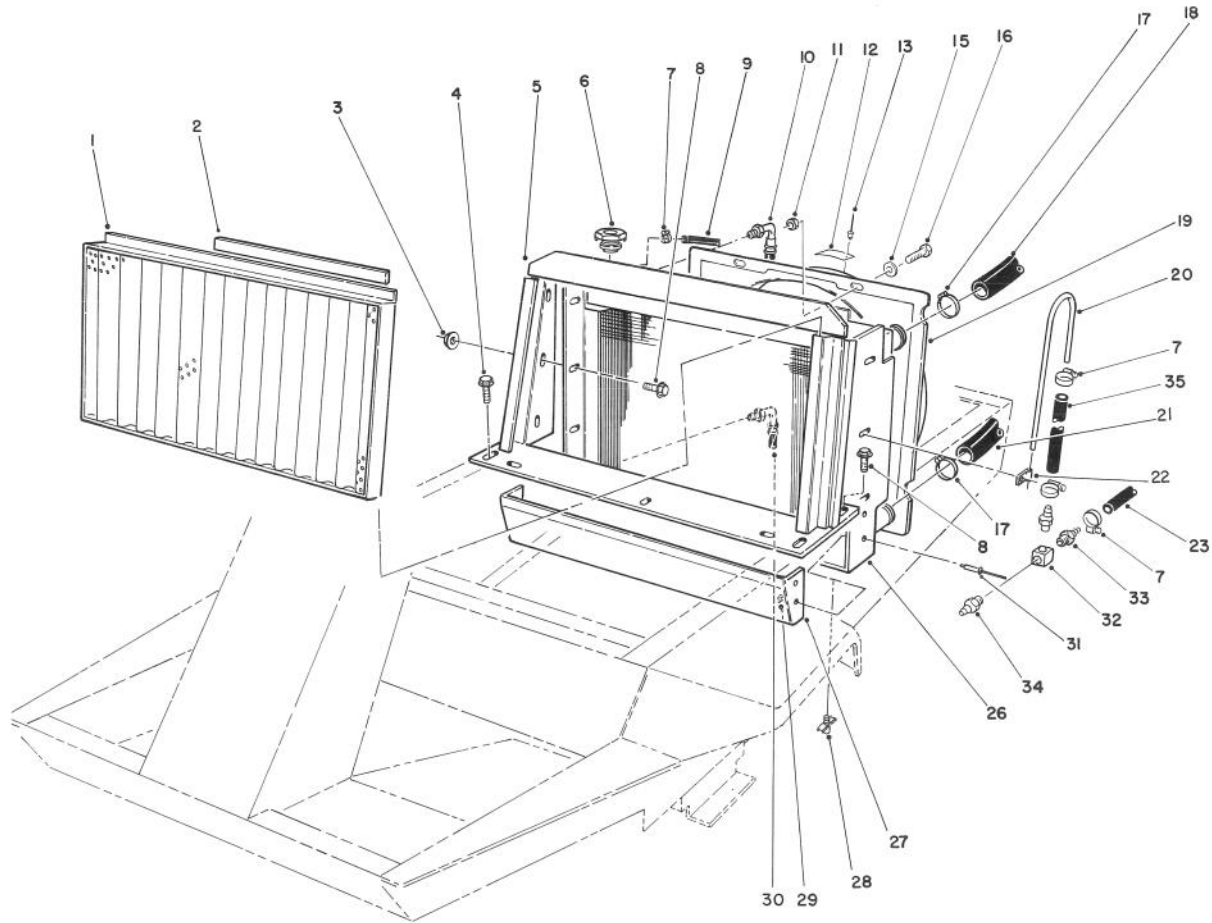


T-0532

LIFT VALVE ASSEMBLY NO. 63-7960

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	58-6320	Wiper - Seal	1	9	58-6460	Ring - Retaining	1
2	58-6450	O-Ring	2	10	65-2740	Spacer	1
3		Spool	1	11	65-2750	Plunger	1
4		Body	1	12	65-2760	Spring	1
5	58-6400	Bushing	1	13	65-2930	Plug Assembly	1
6	65-2770	Washer	1	14	353-508	Plug Assembly	1
7	65-2950	Spring	1	*	63-7960	Lift Valve Assembly (Incl. Ref. #3 & 4)	1
8	58-6420	Cap Assembly	1				

*Not Illustrated

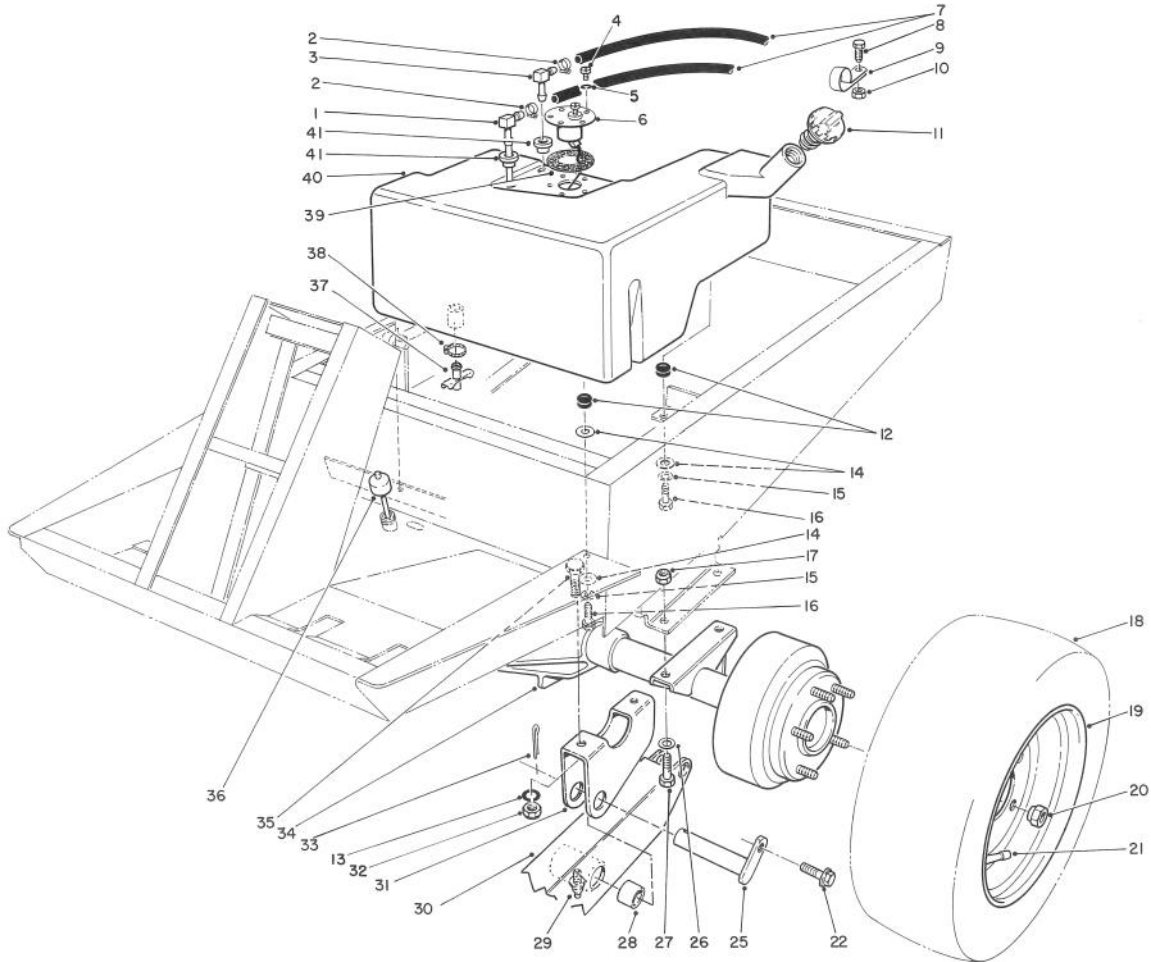


T-0533

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

Ref. No.	Part No.	Description	No. Used
19	92-6503	Fan Shroud Assembly (Incl. Ref. #12 & 13)	1
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	7
30	66-8500	Hose Assembly	1
31	3269-13	Rivet	7
32	354-20	Block	1
33	354-22	Fitting - Fuel	2
34	354-21	Fitting - Fuel	1
35	75-4704	Hose	1



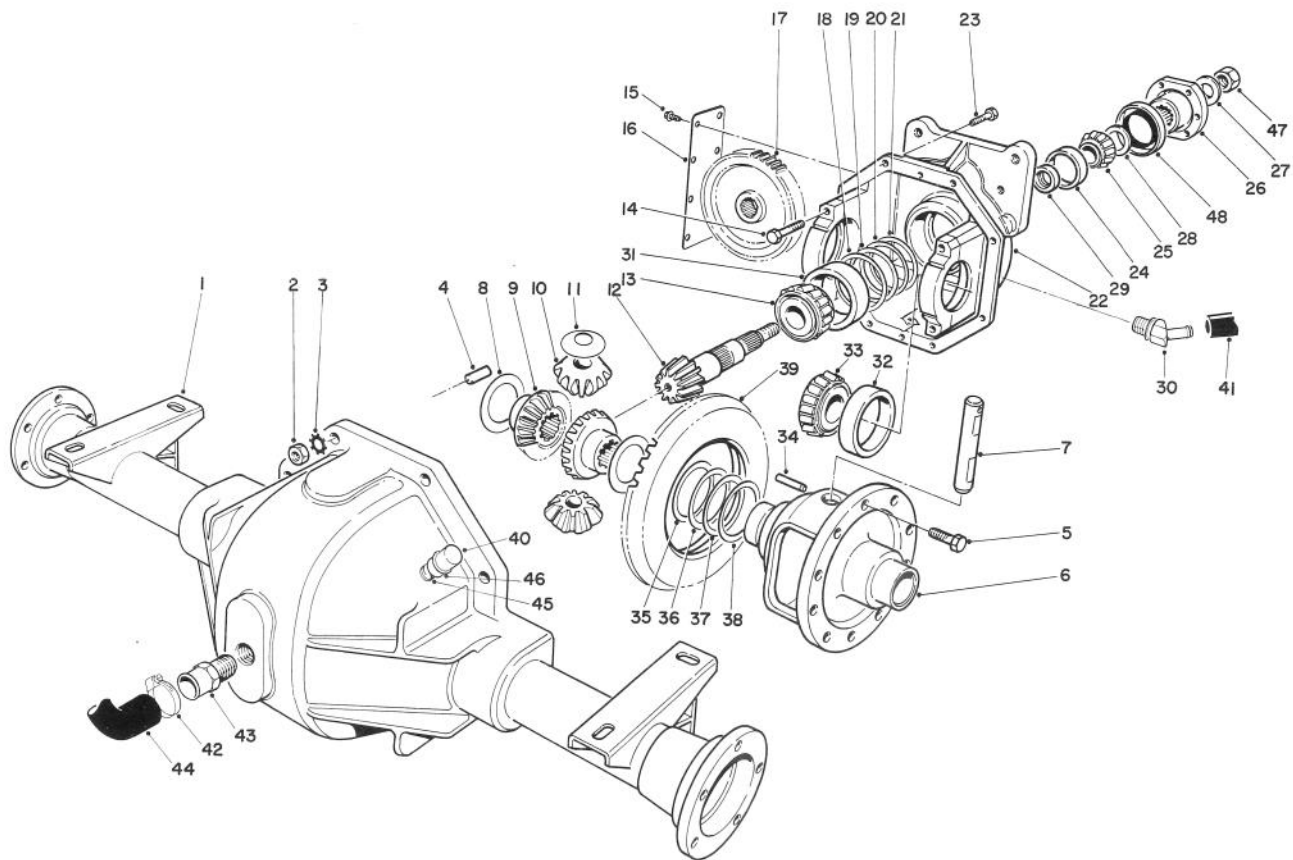
T-0534

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	63-7372	Tank - Fuel	1
41	46-6560	Bushing	2
*	62-7020	Wheel & Tire Assy. (Opt.) (23" x 10.5" x 12")	2

*Not Illustrated

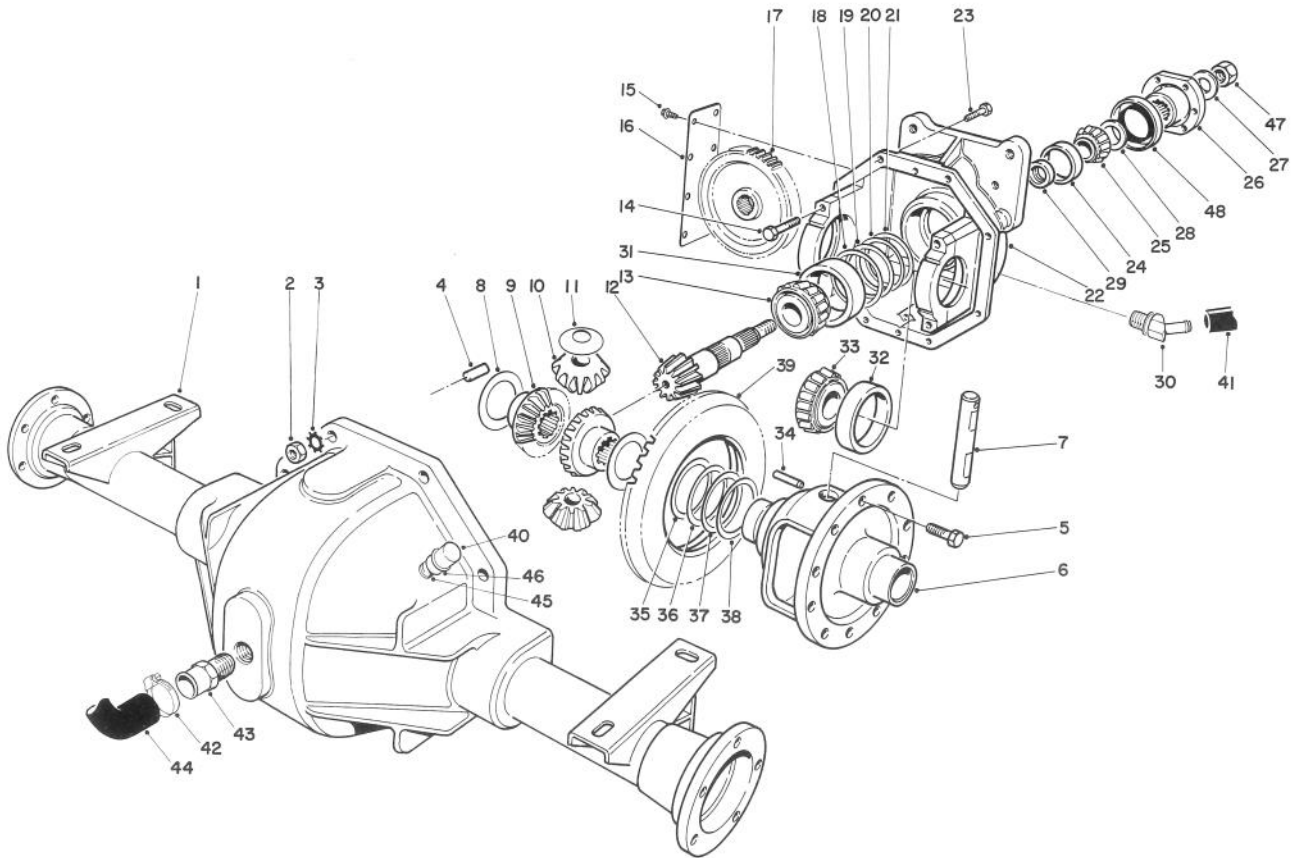


T-1691

FRONT AXLE ASSEMBLY NO. 92-2377

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	63-8090	Lower Housing Assembly	1	22	86-7930	Upper Housing Assembly (Incl. Ref. #14)	1
2	3219-2	Nut	8	23	3210-7	Screw - Cap Hex. Hd.	8
3	3255-8	Washer - Lock	8	24	254-90	Cup - Bearing	1
4	21-8270	Pin - Dowel	2	25	254-91	Cone - Bearing	1
5	21-7770	Screw - Drive Gear	5	26	68-7010	Flange	1
6	21-7670	Differential Case	1	27	71-4340	Washer	1
7	21-7700	Shaft - Pinion Mate	1	28	72-3570	Shim .094 - Diff. Adjust.	A/R
8	21-7720	Washer - Thrust	2	*	72-3571	Shim .096 - Diff. Adjust.	A/R
9	24-8790	Gear - Bevel, Differential	2	*	72-3572	Shim .098 - Diff. Adjust.	A/R
10	21-7690	Gear - Pinion	2	*	72-3573	Shim .100 - Diff. Adjust.	A/R
11	21-7730	Washer - Thrust	2	*	72-3574	Shim .102 - Diff. Adjust.	A/R
12		Drive Pinion	1	*	72-3575	Shim .104 - Diff. Adjust.	A/R
13	43-6760	Cone - Bearing, Tapered	1	*	72-3576	Shim .106 - Diff. Adjust.	A/R
14	92-1773	Screw - Cap Hex. Hd.	4	*	72-3577	Shim .108 - Diff. Adjust.	A/R
15	12-5450	Screw - Thread Forming	8	*	72-3578	Shim .110 - Diff. Adjust.	A/R
16	21-7830	Cover - Gear	1	*	72-3580	Shim .112 - Diff. Adjust.	A/R
17	86-7230	Gear - Spur	1	*	72-3581	Shim .114 - Diff. Adjust.	A/R
18	43-6710	Shim Adjusting Differential Bearing .003	A/R	*	72-3582	Shim .116 - Diff. Adjust.	A/R
19	43-6711	Shim Adjusting Differential Bearing .005	A/R	*	72-3583	Shim .118 - Diff. Adjust.	A/R
20	43-6712	Shim Adjusting Differential Bearing .010	A/R	*	72-3584	Shim .120 - Diff. Adjust.	A/R
21	43-6713	Shim Adjusting Differential Bearing .030	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



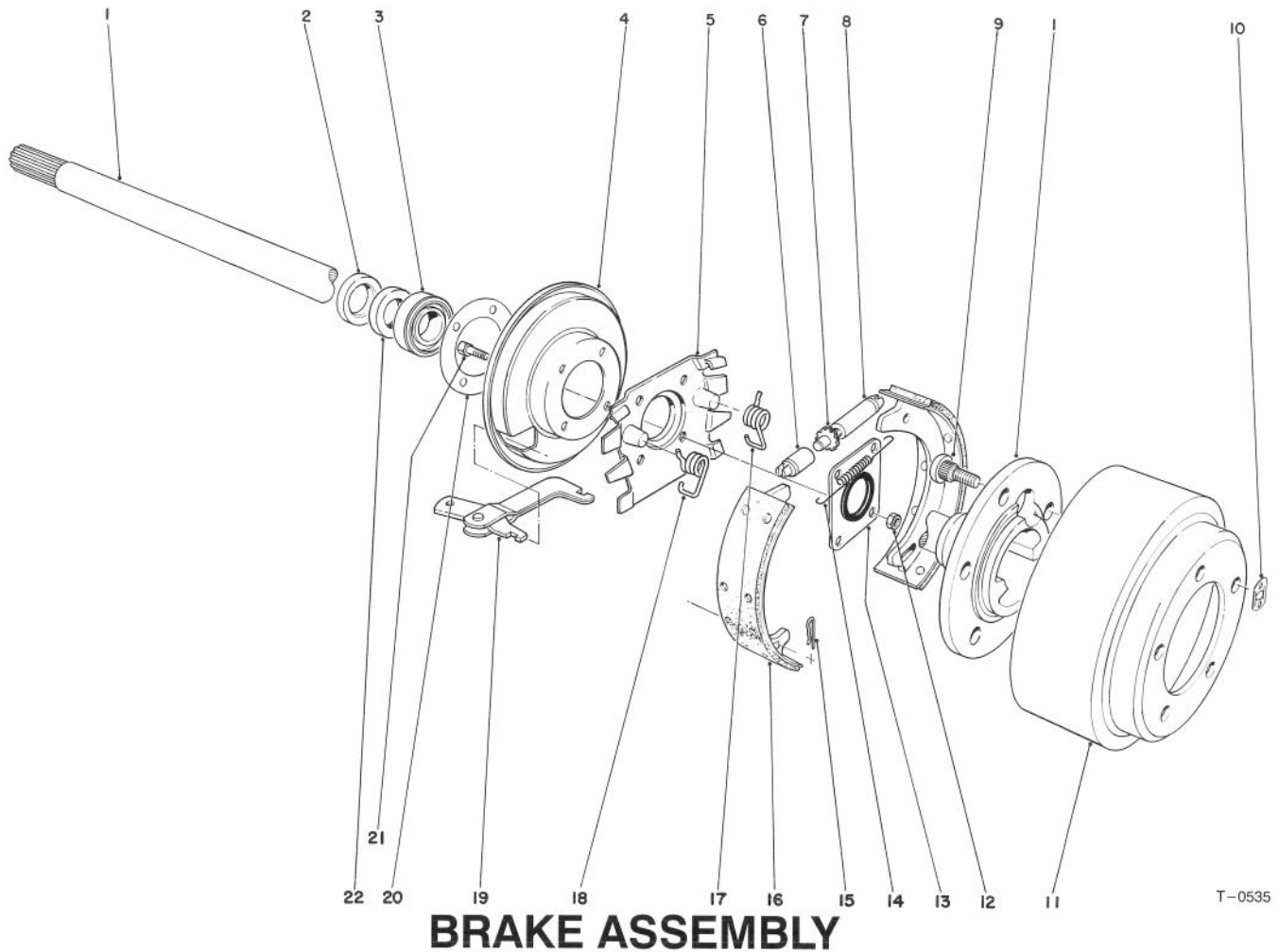
T-1691

FRONT AXLE ASSEMBLY NO. 92-2377 (Continued)

Ref. No.	Part No.	Description	No. Used
28	72-3590	Shim .133 - Diff. Adjust.	A/R
*	72-3591	Shim .135 - Diff. Adjust.	A/R
*	72-3592	Shim .137 - Diff. Adjust.	A/R
*	72-3593	Shim .139 - Diff. Adjust.	A/R
*	72-3594	Shim .141 - Diff. Adjust.	A/R
*	72-3595	Shim .143 - Diff. Adjust.	A/R
*	72-3596	Shim .145 - Diff. Adjust.	A/R
*	72-3597	Shim .147 - Diff. Adjust.	A/R
*	72-3598	Shim .149 - Diff. Adjust.	A/R
*	72-3600	Shim .151 - Diff. Adjust.	A/R
29	21-8020	Spacer - Frt. Pinion Bearing	1
30	92-5088	Fitting - 45°	1
31	43-6750	Cup - Bearing	1
32	254-66	Cup - Bearing	2
33	254-65	Cone - Bearing	2
34	32121-15	Pin - Roll	1
35	21-8090	Differential Adjust. Shim. .003	A/R

Ref. No.	Part No.	Description	No. Used
36	21-8100	Differential Adjust. Shim. .005	A/R
37	21-8110	Differential Adjust. Shim. .010	A/R
38	21-8120	Differential Adjust. Shim. .030	A/R
39		Gear - Ring	1
40	72-9420	Vent Assembly	1
41	92-5083	Hose - Hydraulic	1
42	2412-34	Clamp - Hose	2
43	354-71	Pipe Nipple	1
44	77-0550	Tube - Fill	1
45	289-6	Nipple - Pipe	1
46	2810-1	Coupler	1
47	71-4350	Nut	1
48	71-4330	Seal	1
*	92-1676	Gear & Pinion Assembly (Incl. Ref. #12 & 39)	1

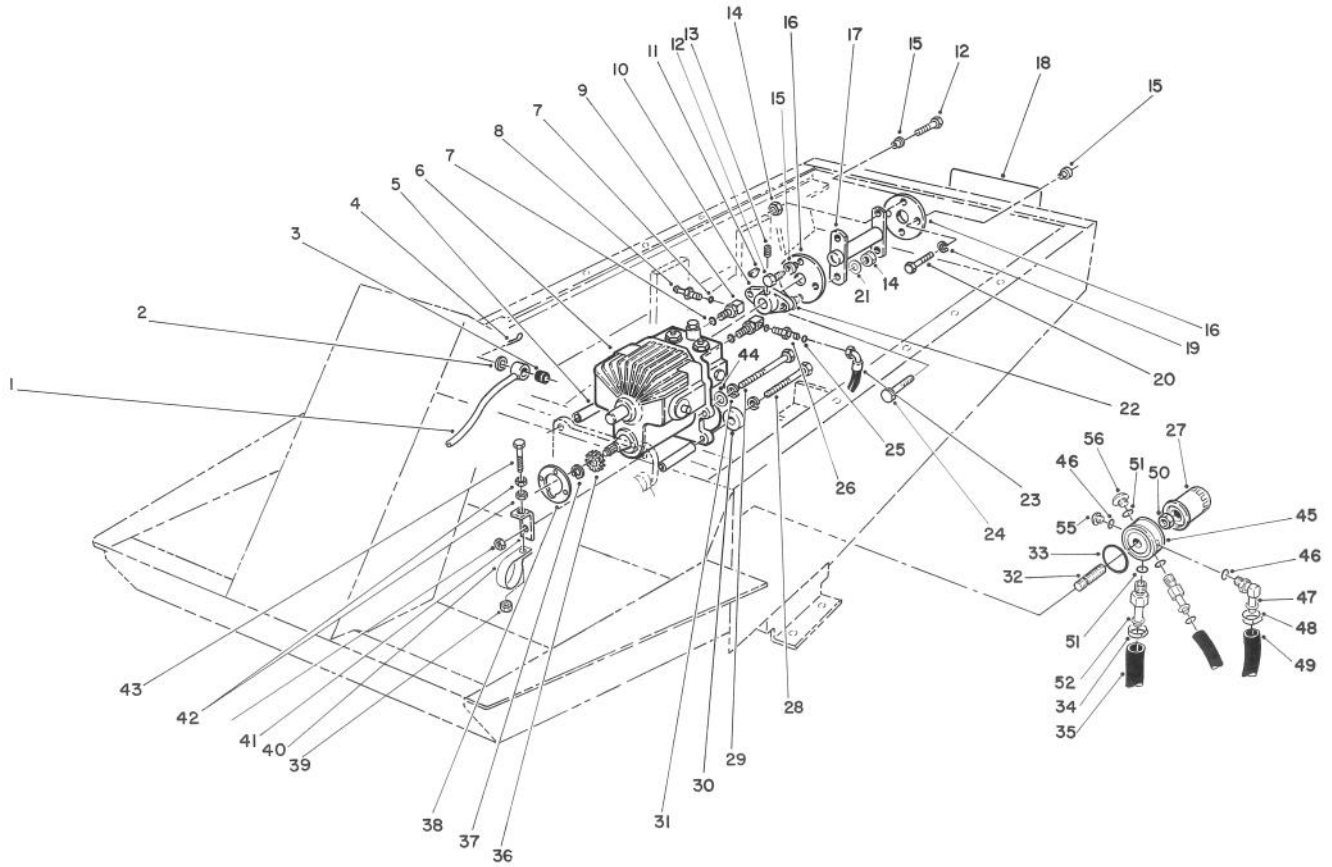
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T-0535

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	27-6861	Shaft - Axle, Flanged LH	1	12	43-6800	Nut - Lock, Flange Hd.	8
*	27-6851	Shaft - Axle, Flanged RH	1	13	28-0670	Oil Seal	2
2	92-1774	Oil Seal	2	14	21-9440	Screw - Spring Adjusting	2
3	21-8180	Bearing - Tapered Roller	2	15	21-9460	Retainer - Parking Brake	4
4	21-9450	Dust Shield	2	16	84-8600	Brake Shoe Set (Incl. 4 Shoes)	1
5	43-6810	Torque Spider	2	17	21-9420	Spring - Shoe Return LH	2
6	21-9390	Socket - Adjusting Screw	2	18	21-9430	Spring - Shoe Return RH	2
7	21-9370	Adjusting Screw	2	19	24-9180	Strut/Lever - Parking Brake	2
8	21-9380	Nut - Pivot	2	20	21-8320	Gasket - Wheel Bearing	2
9	242-34	Stud - Axle Flange	10	21	28-0660	Screw - Cap Hex. Hd.	8
10	21-8360	Clip - Retaining	2	22	24-8840	Ring - Wheel Bearing	2
11	28-0680	Brake Drum	2				

*Not Illustrated

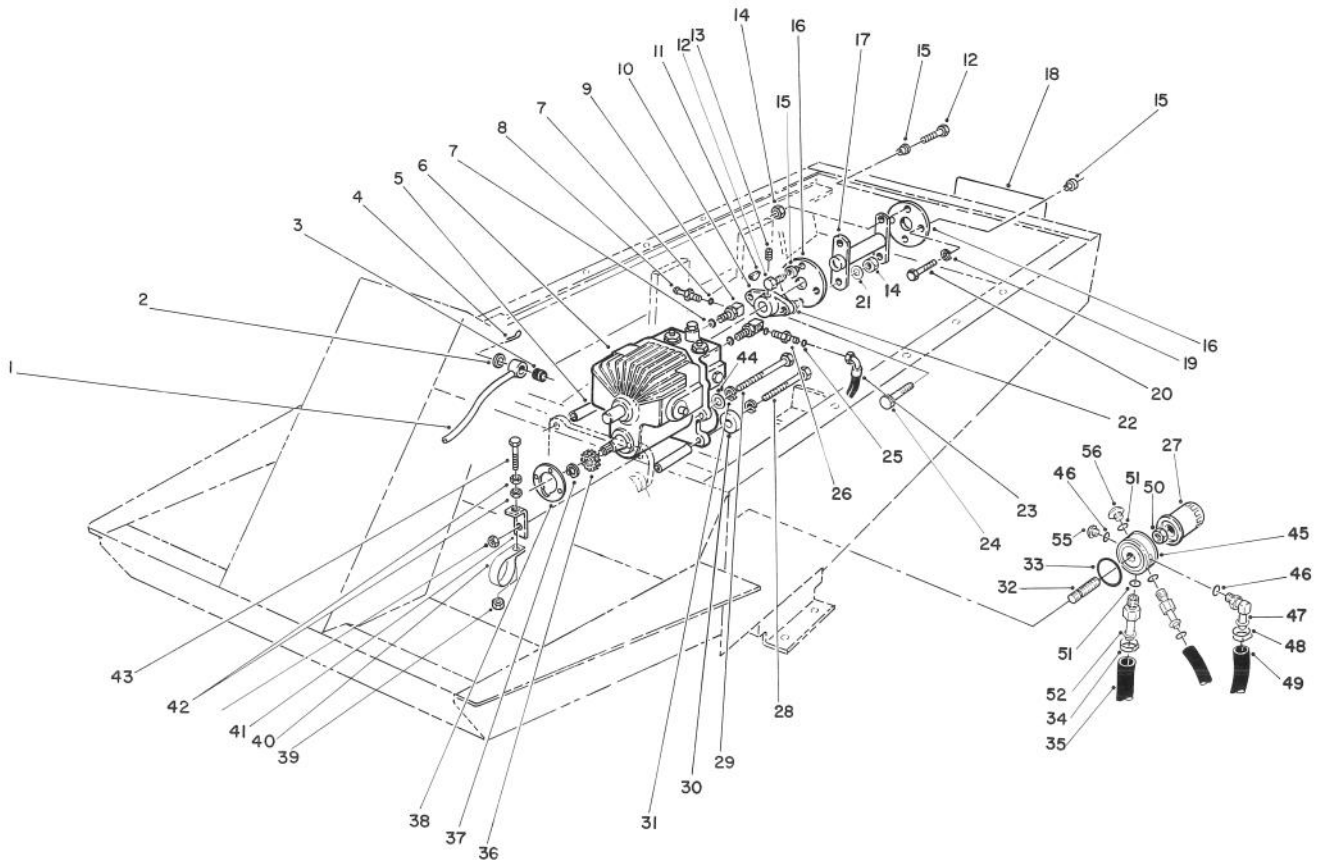


T-0605

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

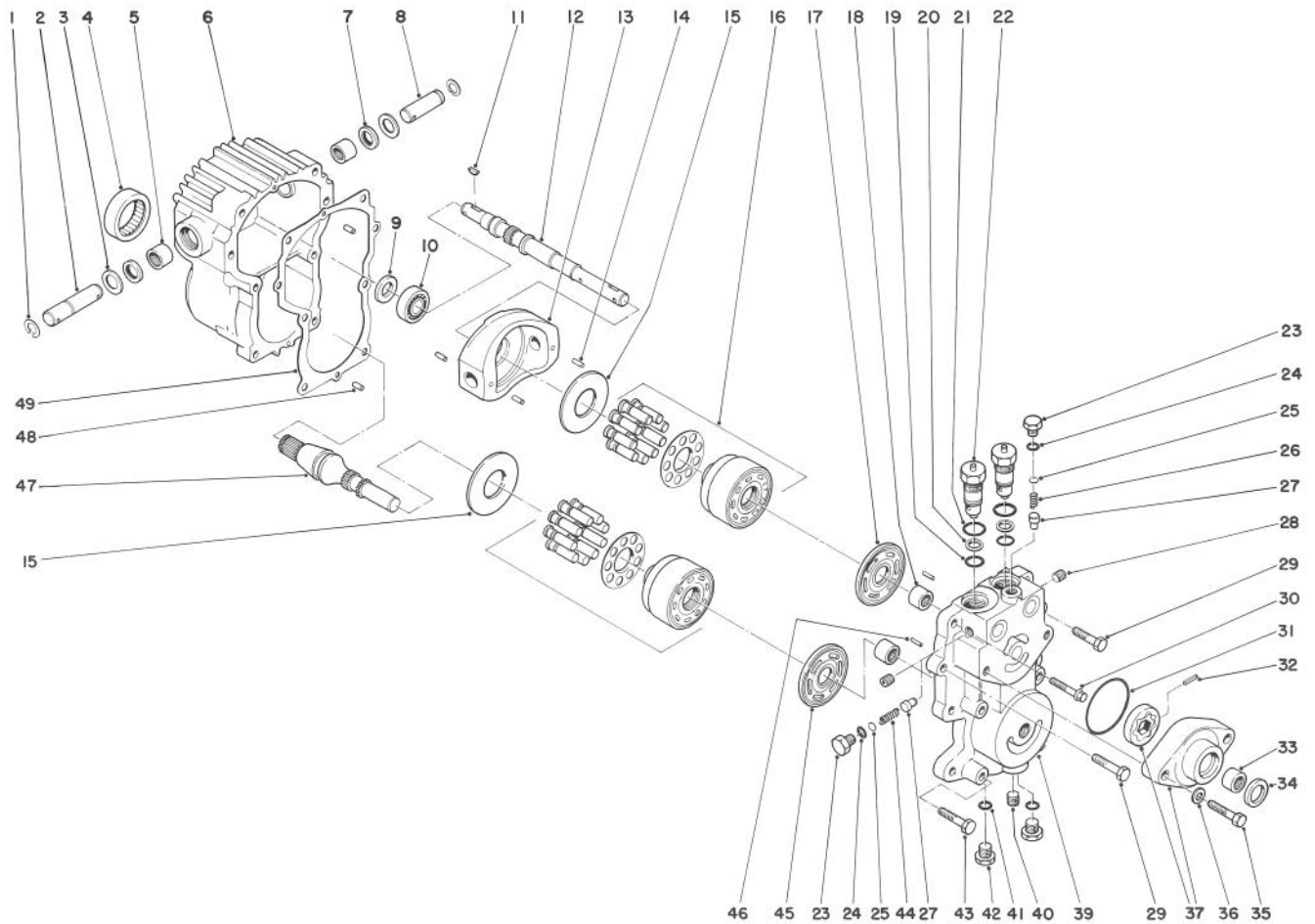
Ref. No.	Part No.	Description	No. Used
26	82-8530	Fitting	1
27	23-2300	Oil Filter	1
28	323-39	Screw - Cap Hex. Hd.	3
29	27-9620	Screw - Cap Hex. Hd.	1
30	5-0652	Spacer	1
31	3253-21	Washer - Lock	4
32	92-5085	Union - Filter	1
33	92-5087	Seal - Filter Adapter	1
34	2412-108	Hose Clamp	4
35	92-5082	Hose	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	Ref. No.	Part No.	Description	No. Used
50	3220-7	Nut - Jam	1	55	353-988	Plug - Hydraulic (Incl. Ref. #46)	1
51	237-78	Seal - O-Ring	3	56	353-990	Plug - Hydraulic (Incl. Ref. #51)	1
52	92-5512	Fitting - Hydraulic Straight (Incl. Ref. #51)	2				

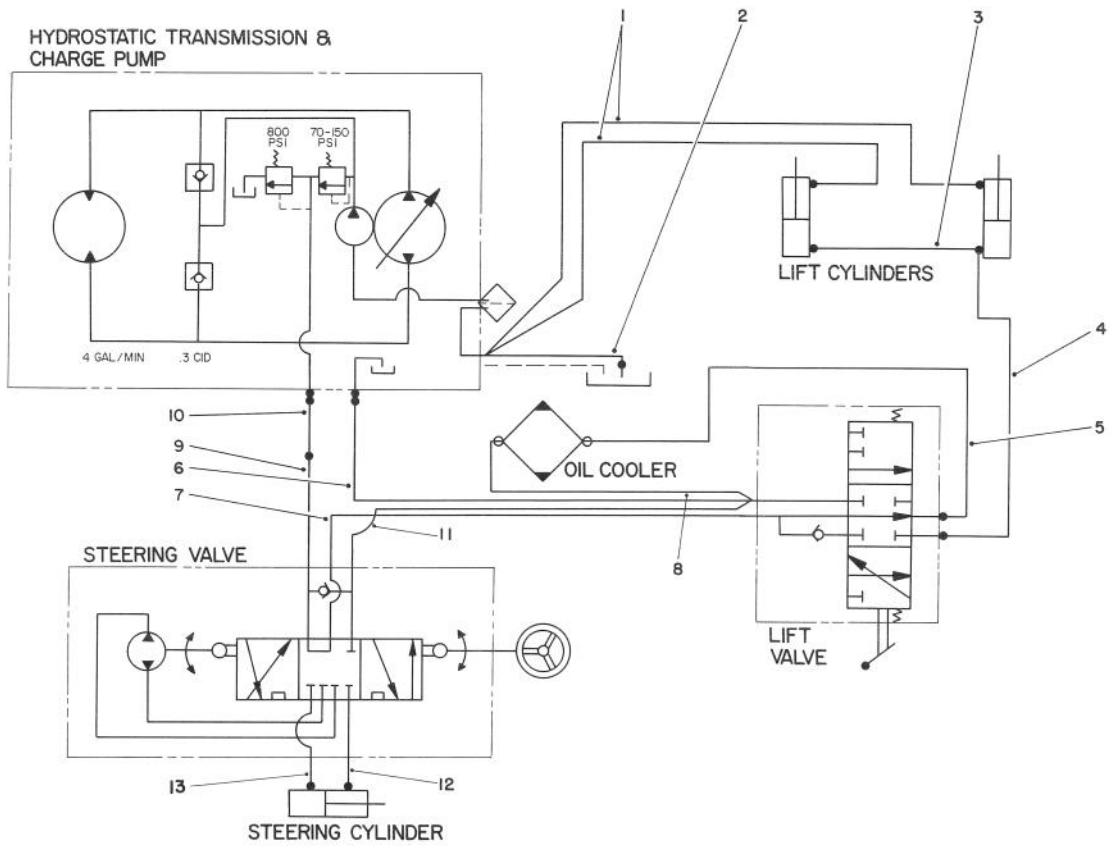


T-0536

TRANSMISSION ASSEMBLY NO. 92-5513

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

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

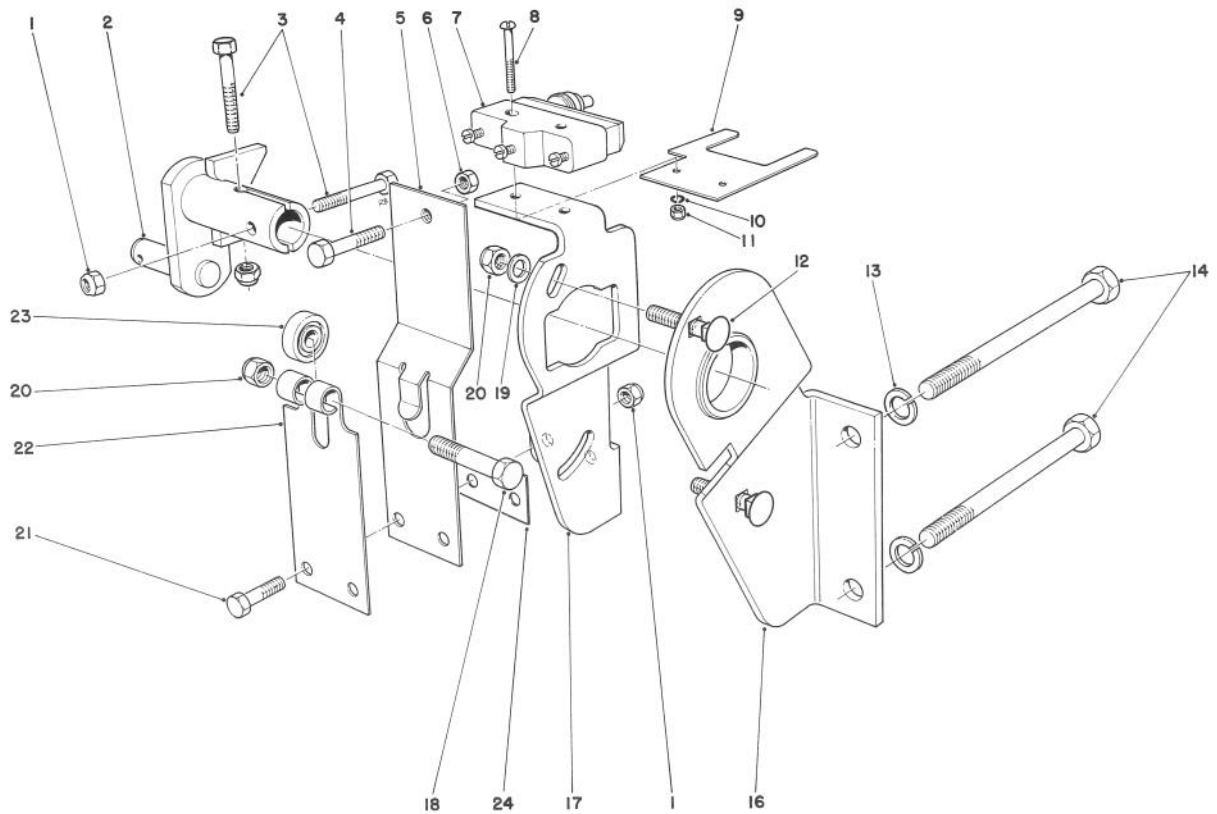


T-0537

HYDRAULIC SCHEMATIC

Ref. No.	Part No.	Description	No. Used
1	92-5082	Hose - 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

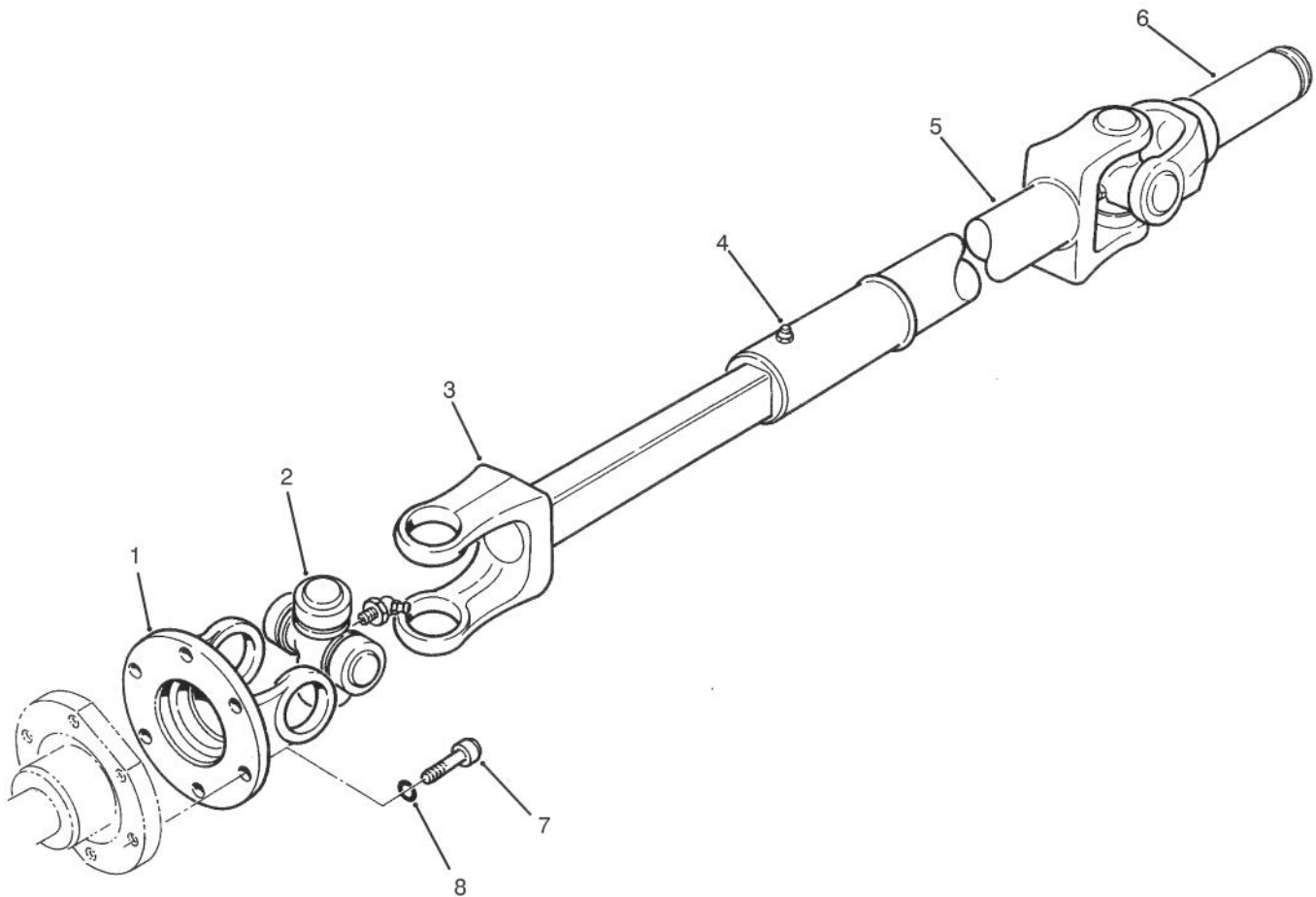


T-0538

TRANSMISSION INTERLOCK ASSEMBLY

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

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

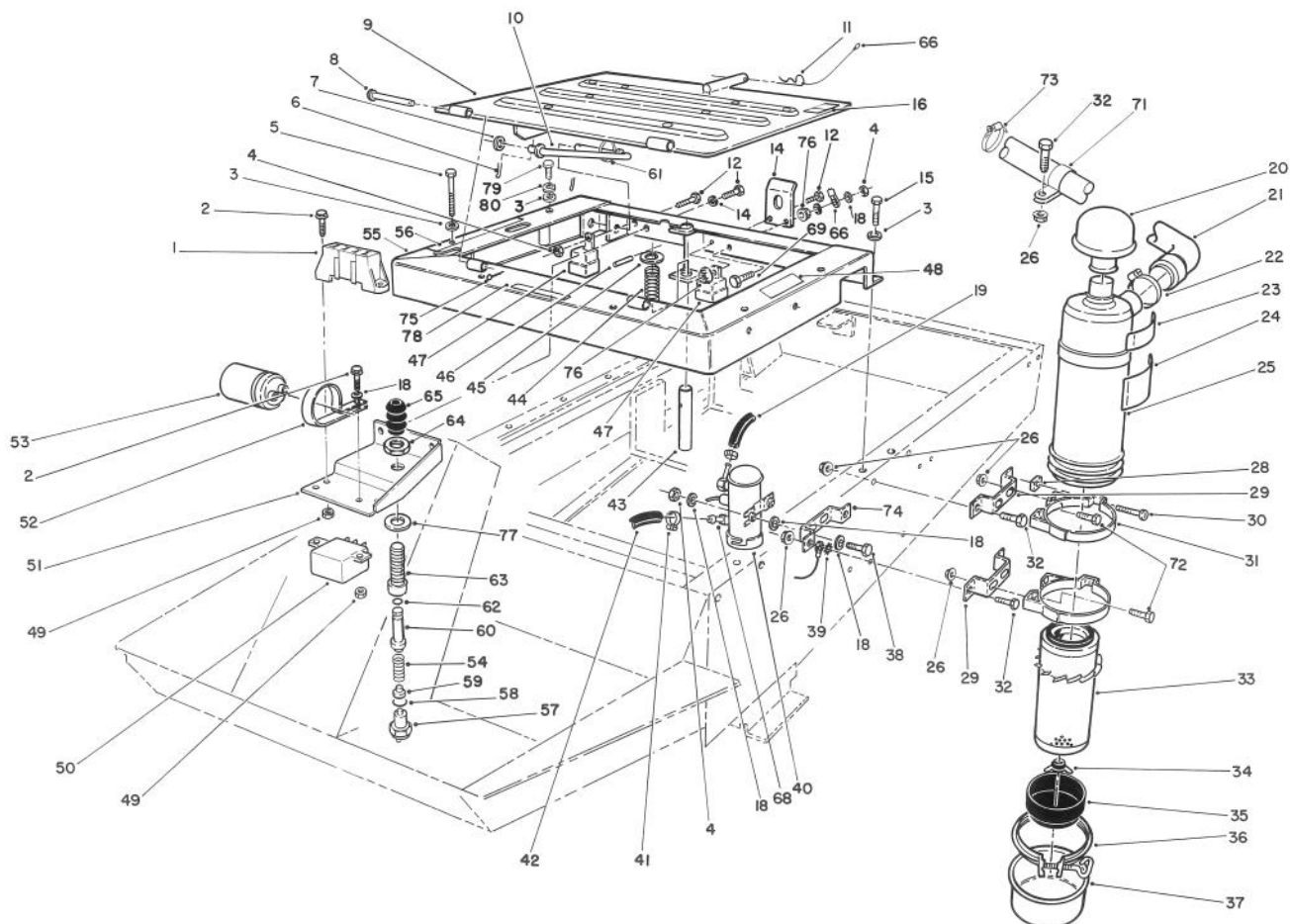


T-0906

DRIVE SHAFT ASSEMBLY NO. 92-5084

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	72-3410	Yoke - Flange	1	6	72-3440	Yoke - Shaft	1
2	54-9180	Kit - Universal Joint	2	7	3274-64	Screw - Cap, Soc. Hd.	6
3	72-3420	Shaft - Yoke, Slip	1	8	3253-3	Washer - Lock	6
4	302-58	Fitting - Grease	1	*	92-5084	Driveshaft (Complete)	1
5	92-5784	Tube - Yoke, Slip	1				

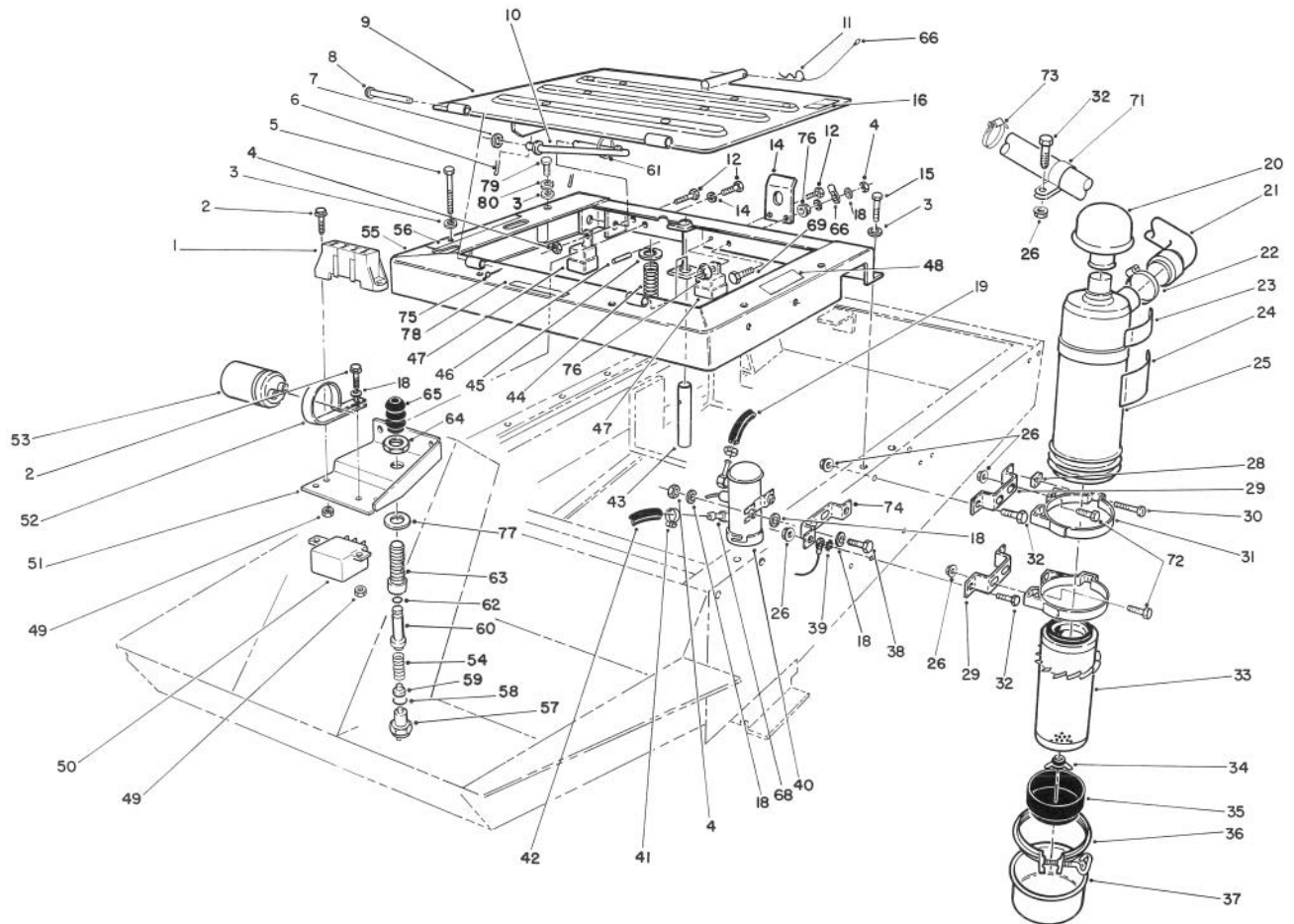
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T-0606

SEAT FRAME & AIR CLEANER ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	67-7160	Fuse Block	1	26	32128-20	Nut - Flange	9
2	32105-13	Screw - Cap Hex. Hd.	4	28	32107-11	Nut - Square	2
3	3256-23	Washer - Flat	6	29	66-2451	Bracket - Air Cleaner	2
4	3296-42	Nut - Lock	4	30	3258-19	Screw - Cap Hex. Hd.	2
5	322-13	Screw - Cap Hex. Hd.	4	31	27-7170	Mounting Band Assembly (Incl. Ref. #28 & 30)	2
6	3272-11	Pin - Cotter	2	32	322-5	Screw - Cap Hex. Hd.	5
7	3256-24	Washer - Flat	1	33	27-7110	Element Assembly	1
8	283-49	Pin - Clevis	2	34	27-7120	Nut & Gasket Assembly	1
9	92-5759	Plate - Seat	1	35	27-7140	Skirt - Baffle	1
10	66-2800	Rod - Seat Support	1	36	27-7130	Clamp Assembly	1
11	3290-255	Pin - Hair, Cotter	1	37	27-7150	Cup Assembly	1
12	321-4	Screw - Cap Hex. Hd.	4	38	321-8	Screw - Cap Hex. Hd.	2
13	3253-3	Washer - Lock	2	39	3255-8	Washer - Lock, Ext. Tooth	1
14	66-2630	Latch - Seat	1	40	53-8150	Pump - Fuel	1
15	3234-17	Screw - Flange Hd.	2	41	2412-108	Clamp - Hose	4
16	52-1321	Decal - Diesel Fuel Only	1	42	63-7630	Hose	1
18	3256-22	Washer - Flat	9	43	66-2590	Pin - Seat Spring	1
19	63-7620	Hose	1	44	37-9590	Spring - Compression	1
20	27-7180	Cap Assembly	1	45	3256-27	Washer - Flat	1
21	63-6040	Hose - Air Cleaner Inlet	1	46	32121-6	Pin - Roll	1
22	2412-42	Clamp - Hose	1	47	63-7590	Relay	2
23	67-1700	Decal - Starting Fluid	1	48	67-1710	Decal - Interlock	1
24	27-7160	Decal - Instructions	1	49	3296-12	Nut - Lock	4
25	27-7100	Air Cleaner Assembly (Incl. Ref. #24 & 32-36)	1	50	66-8800	Relay	1



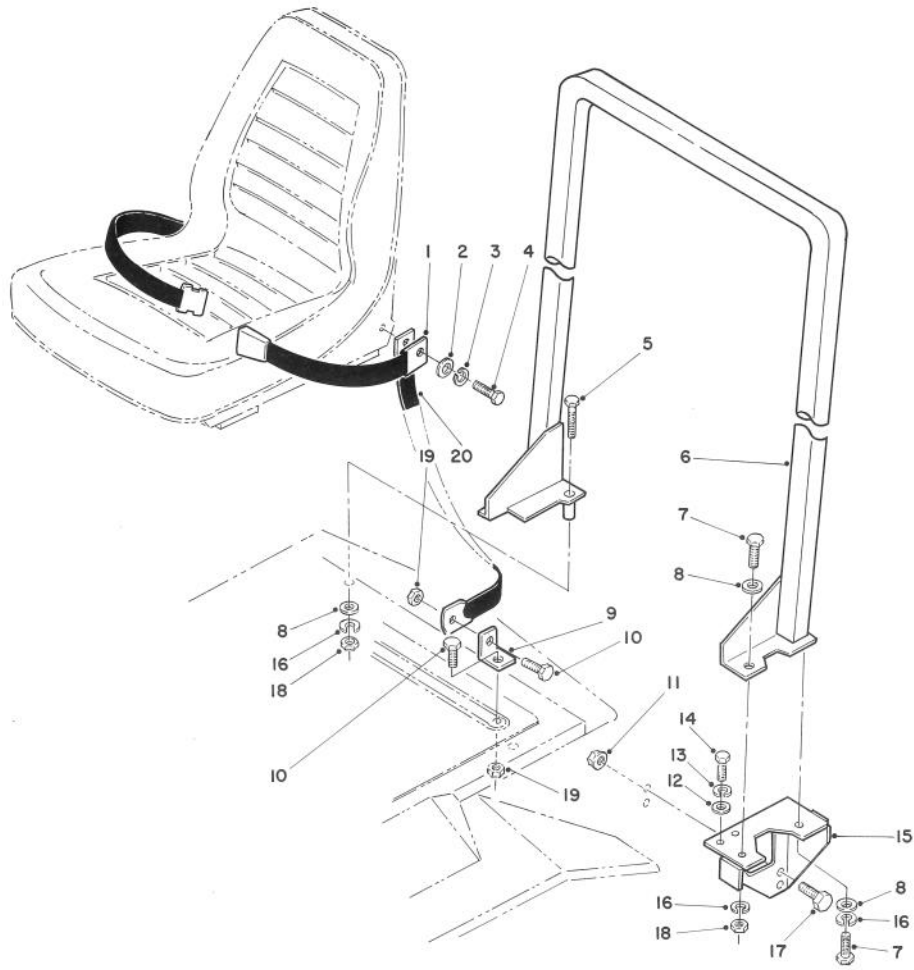
T-0606

SEAT FRAME & AIR CLEANER ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
51	70-7290	Bracket - Seat Switch	1
52	2412-74	R-Clamp	1
53	37-2690	Capacitor	1
54	43-8600	Spring - Compression	1
55	92-6504	Seat Frame Assembly (Incl. Ref. #48, 56 & 78)	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	1
65	43-8870	Boot - Switch	1

Ref. No.	Part No.	Description	No. Used
66	28-8070	Lanyard	1
68	67-1690	Fitting	2
69	321-6	Screw - Cap Hex. Hd.	1
71	2412-107	R-Clamp	1
72	322-3	Screw - Cap Hex. Hd.	4
73	2412-92	Clamp - Hose	1
74	66-2450	Bracket - Air Cleaner	1
75	3272-4	Pin - Cotter	2
76	32128-33	Nut - Hex. Flange	2
77	3256-69	Washer - Flat	1
78	92-5773	Decal - Starting Instructions	1
79	322-14	Screw - Cap Hex. Hd.	2
80	3253-4	Washer - Lock	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

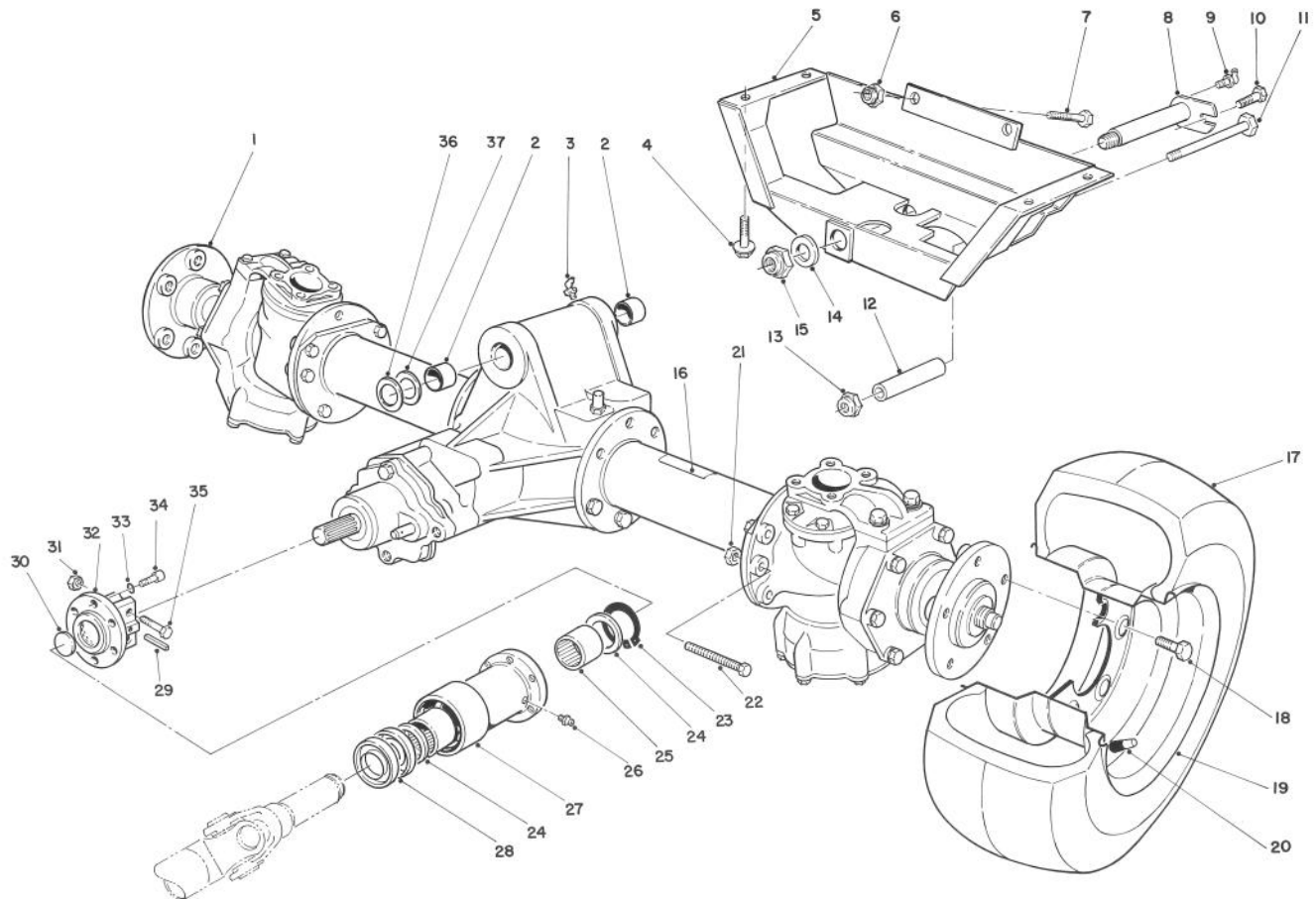


T-1692

MANUAL STORAGE ASSEMBLY

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

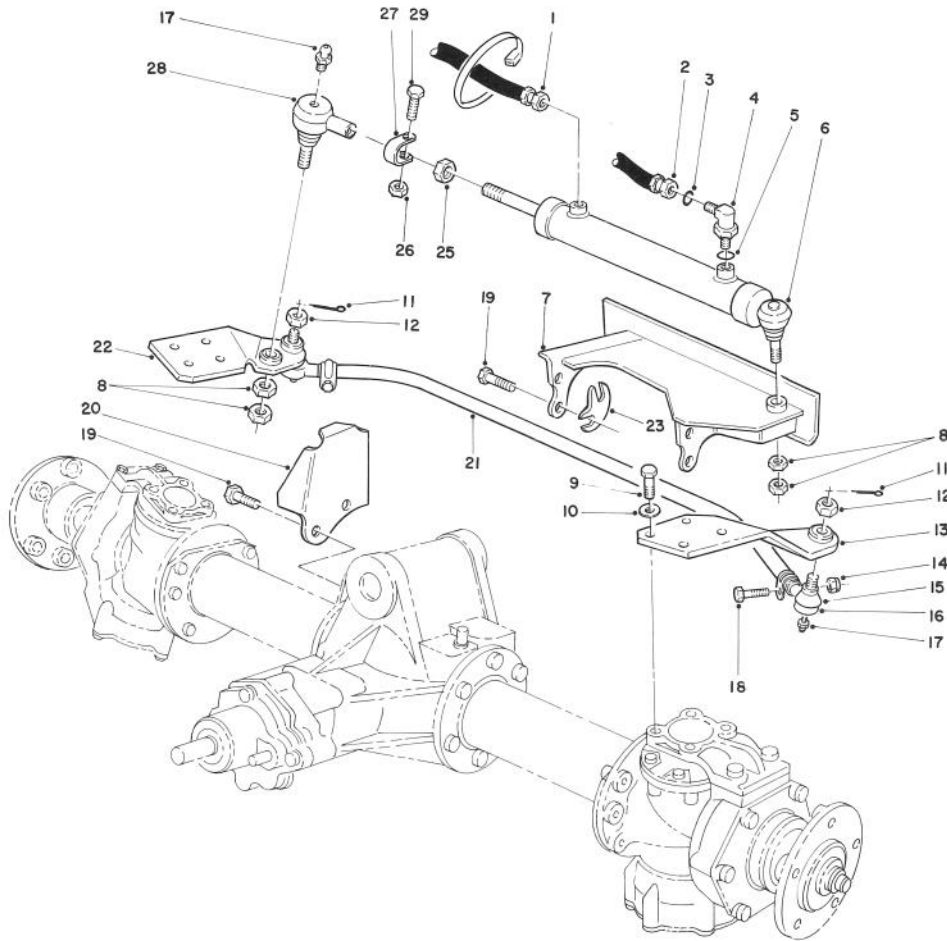
Ref. No.	Part No.	Description	No. Used
3	322-2	Screw - Cap Hex. Hd.	2
4	3256-23	Washer - Flat	2



T-1689

REAR AXLE INSTALLATION ASSEMBLY

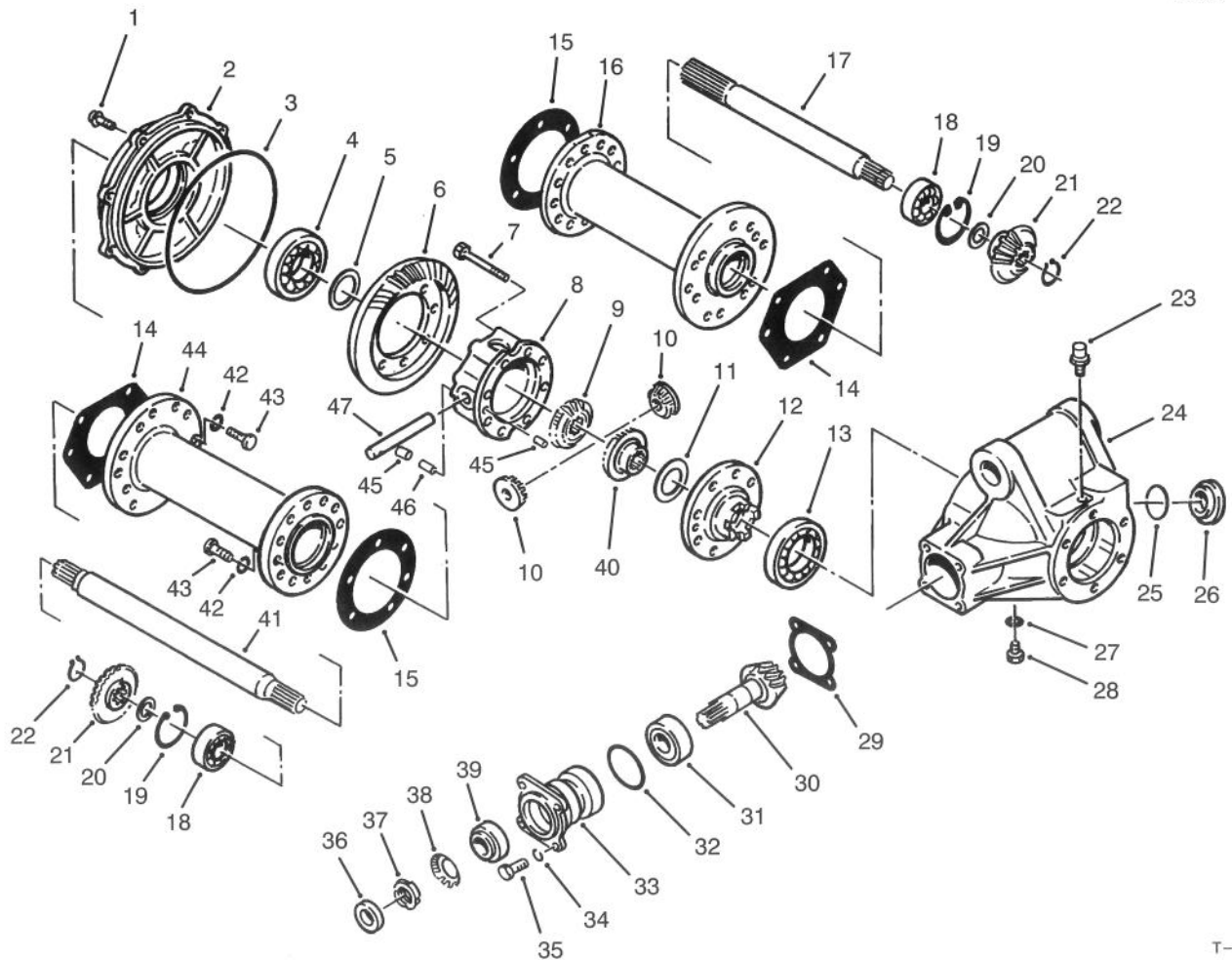
Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	68-6822	Rear Axle Assembly	1	20	232-27	Stem - Valve	2
2	67-1750	Bushing	2	21	48-7960	Nut	2
3	302-59	Plug - Grease	1	22	71-4690	Screw - Cap Hex. Hd.	2
4	3234-25	Screw - Flange	4	23	32151-87	Ring - Retaining	1
5	92-5053	Frame - Rear	1	24	71-4590	Washer - Thrust	2
6	3296-25	Nut - Lock	2	25	71-4580	Clutch - Roller	2
7	325-5	Screw - Cap Hex. Hd.	2	26	302-5	Fitting - Grease	1
8	92-5050	Pin - Rear Axle	1	27	71-4570	Housing - Clutch	1
9	302-33	Fitting - Grease 90°	1	28	253-155	Seal	2
10	32144-14	Screw - Cap Hex. Hd.	1	29	32121-34	Pin - Roll	1
11	325-23	Screw - Cap Hex. Hd.	1	30	284-3	Plug - Welch	1
12	92-5090	Stop - Rear Axle	1	31	3296-29	Nut - Lock	2
13	3296-45	Nut - Lock	1	32	76-4690	Coupling - Axle	1
14	71-4540	Washer	1	33	3253-3	Washer - Lock	6
15	3296-51	Nut - Lock	1	34	3274-64	Screw - Cap Hex. Hd.	6
16	70-2560	Decal - Lube	1	35	322-8	Screw - Cap Hex. Hd.	2
17	231-122	Tire	2	36	56-2460	Washer - Flat	A/R
18	71-4450	Bolt - Wheel	10	37	5-1226	Washer	A/R
19	217-106	Wheel	2				



T-1693

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				

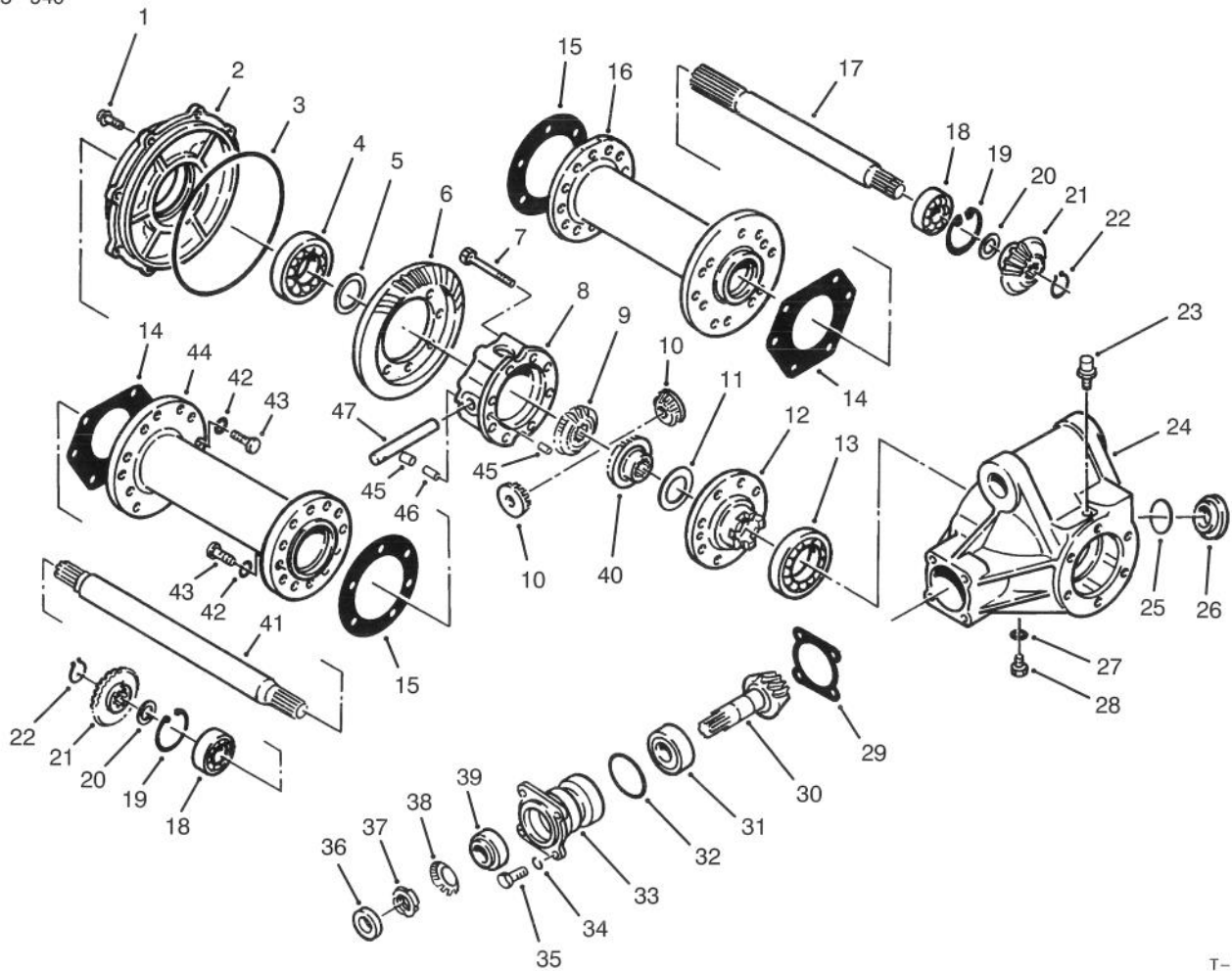


T-1305

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

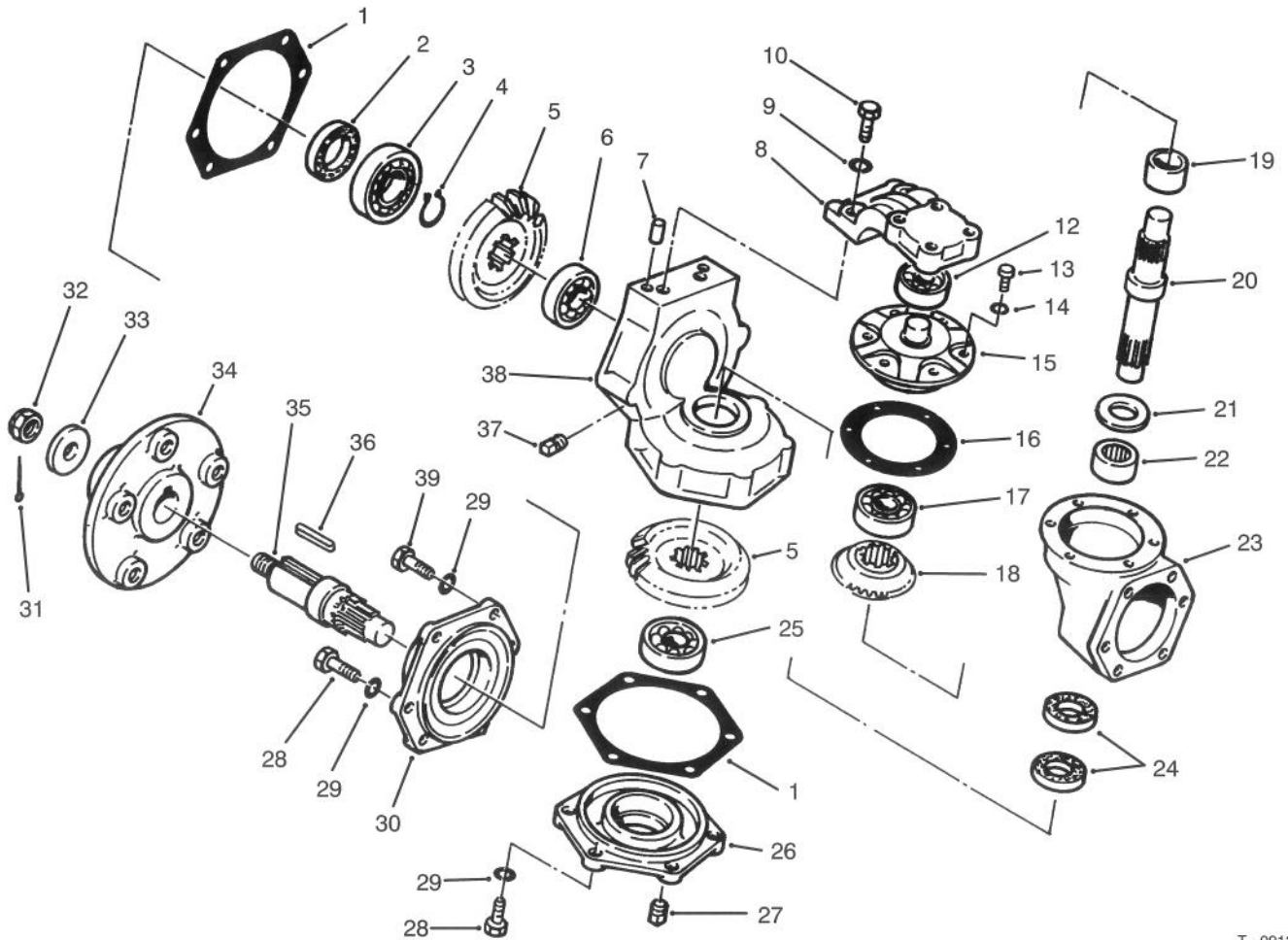


T-1305

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 77-2970	Shaft - Pinion Ring & Pinion Assembly (Incl. Ref.#6 & 30)	1 1

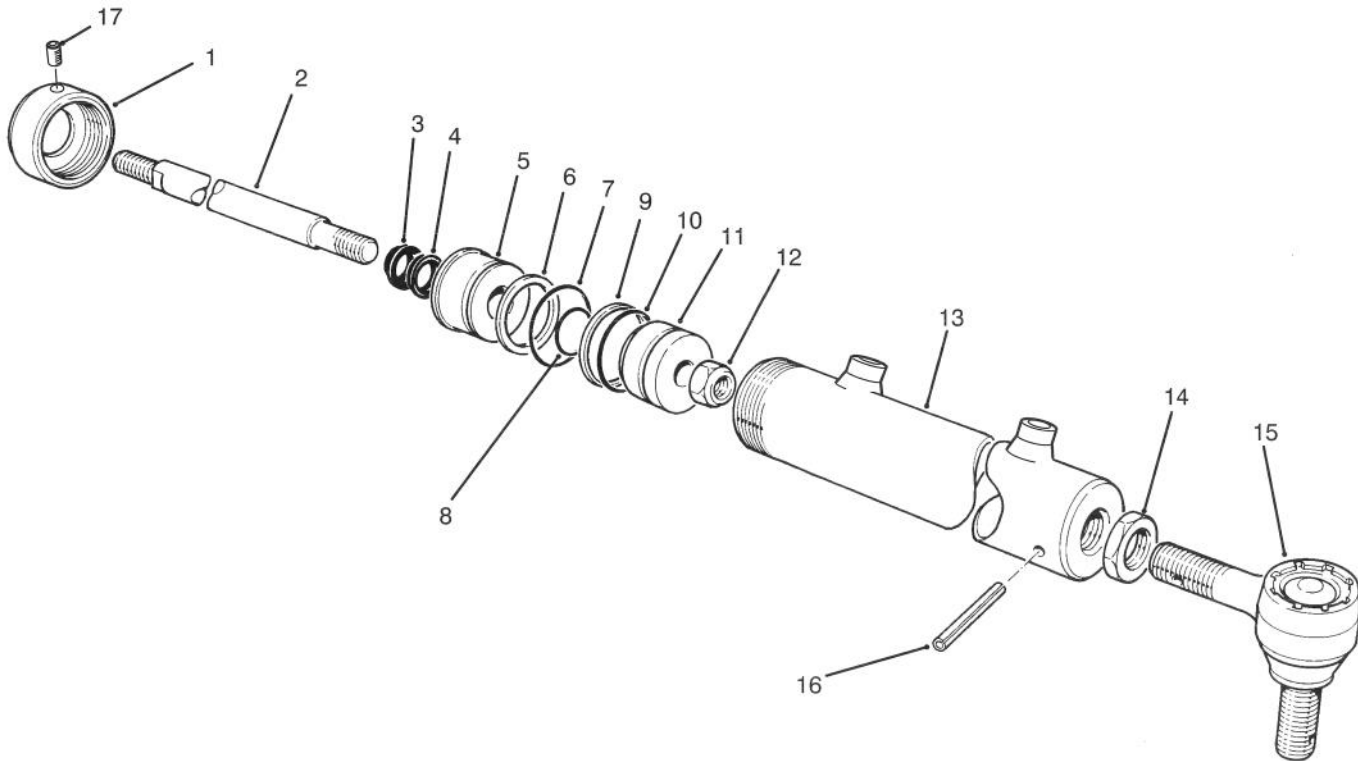


T-0912

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

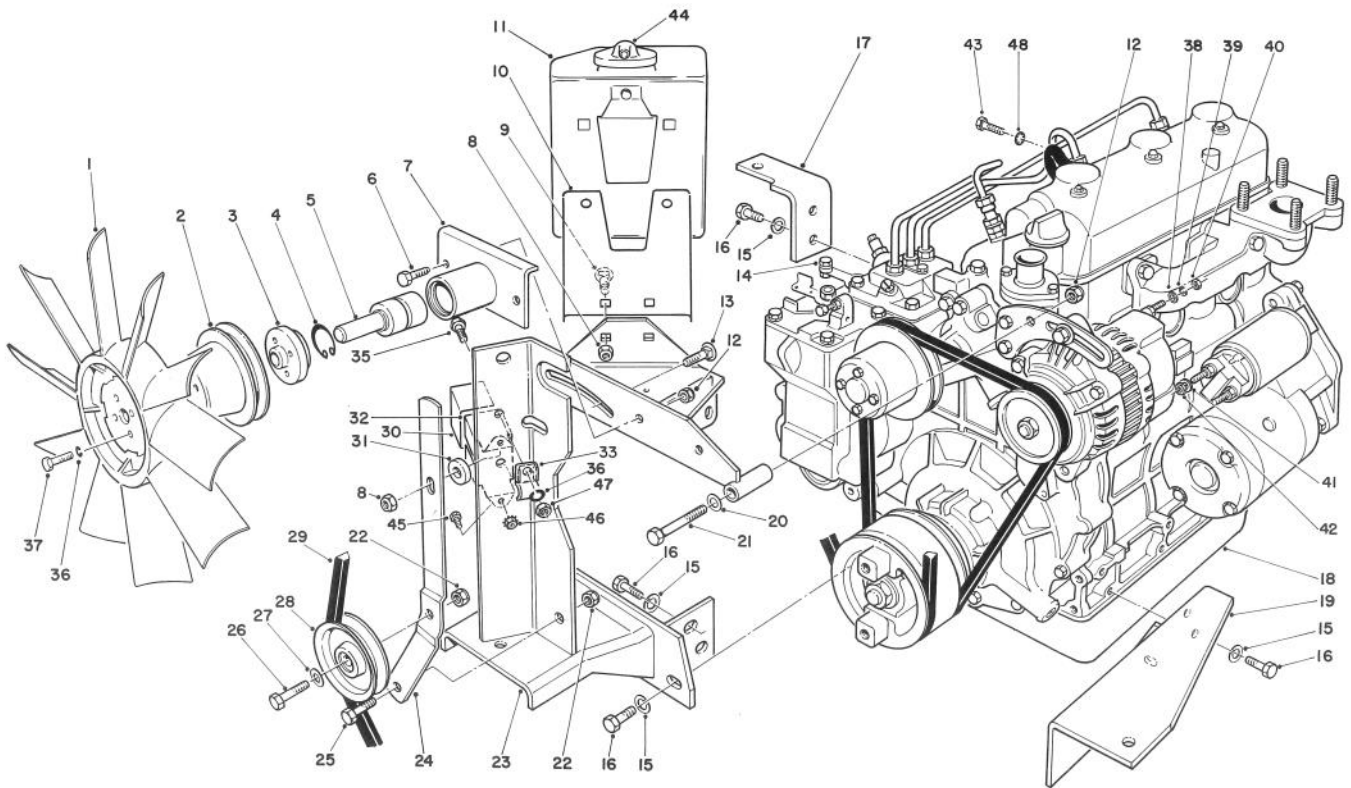
HYDRAULIC CYLINDER NO. 92-5529

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

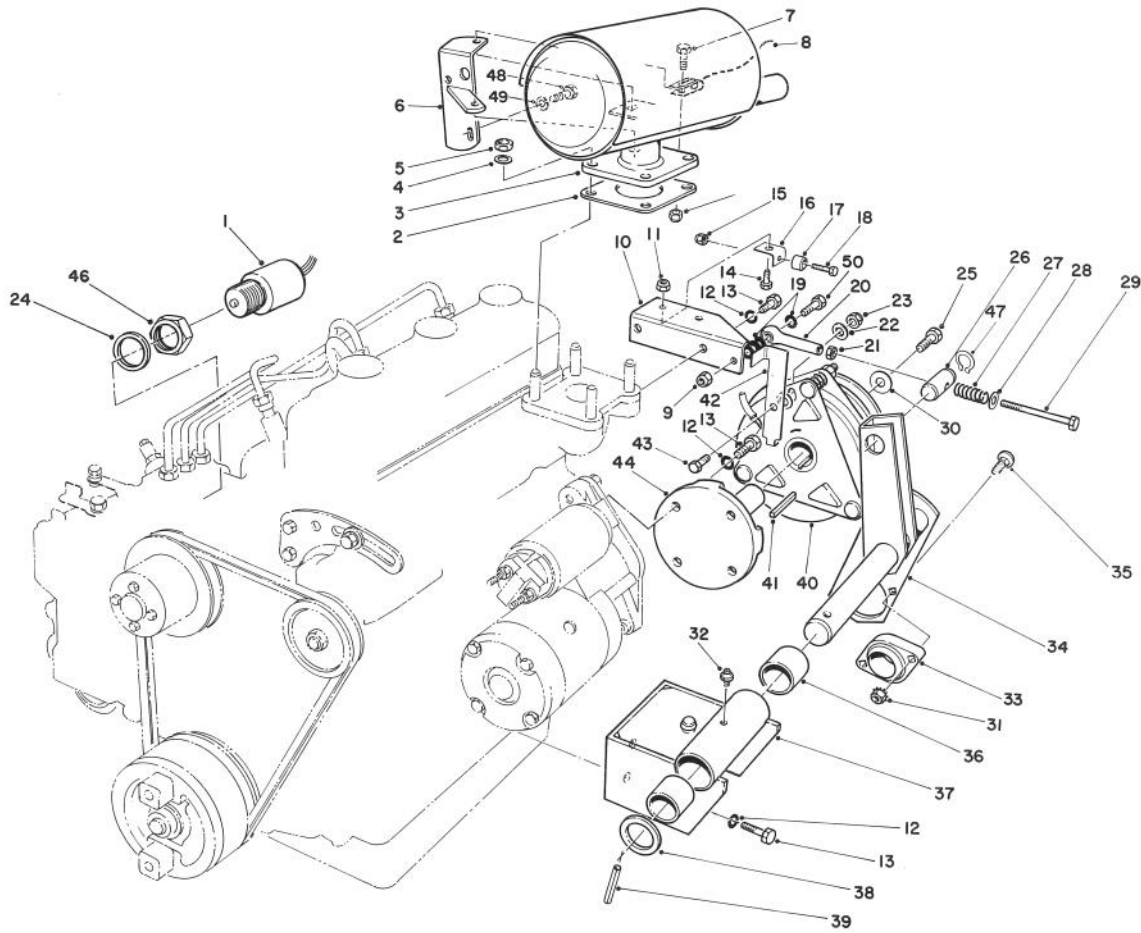


T-0542

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	84-7720	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	48-7680	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



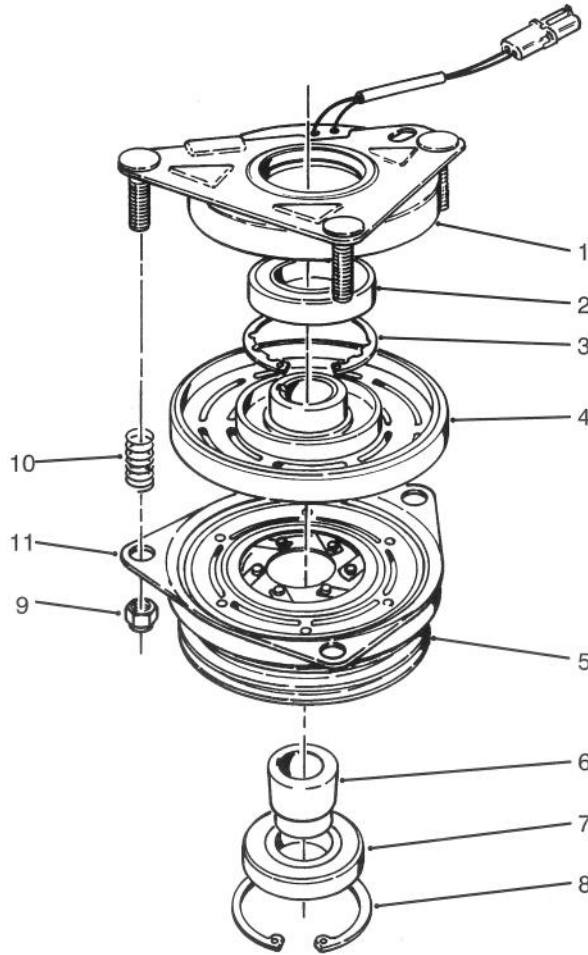
T-0543

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)	
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

Ref. No.	Part No.	Description	No. Used
25	3212-5	Screw	1
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	251-335	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

*Not Illustrated

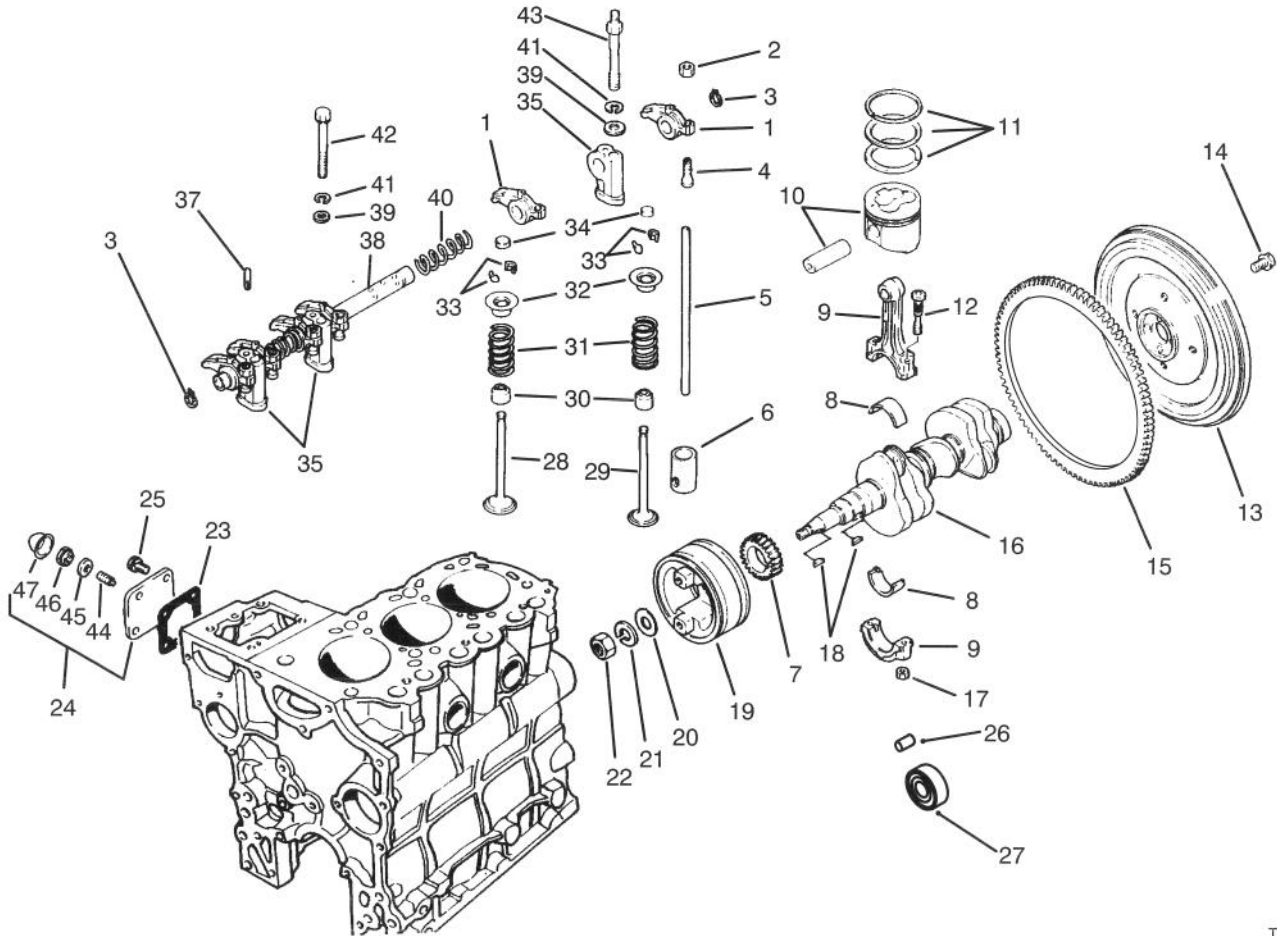


T-0544

CLUTCH ASSEMBLY NO. 63-6050

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

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



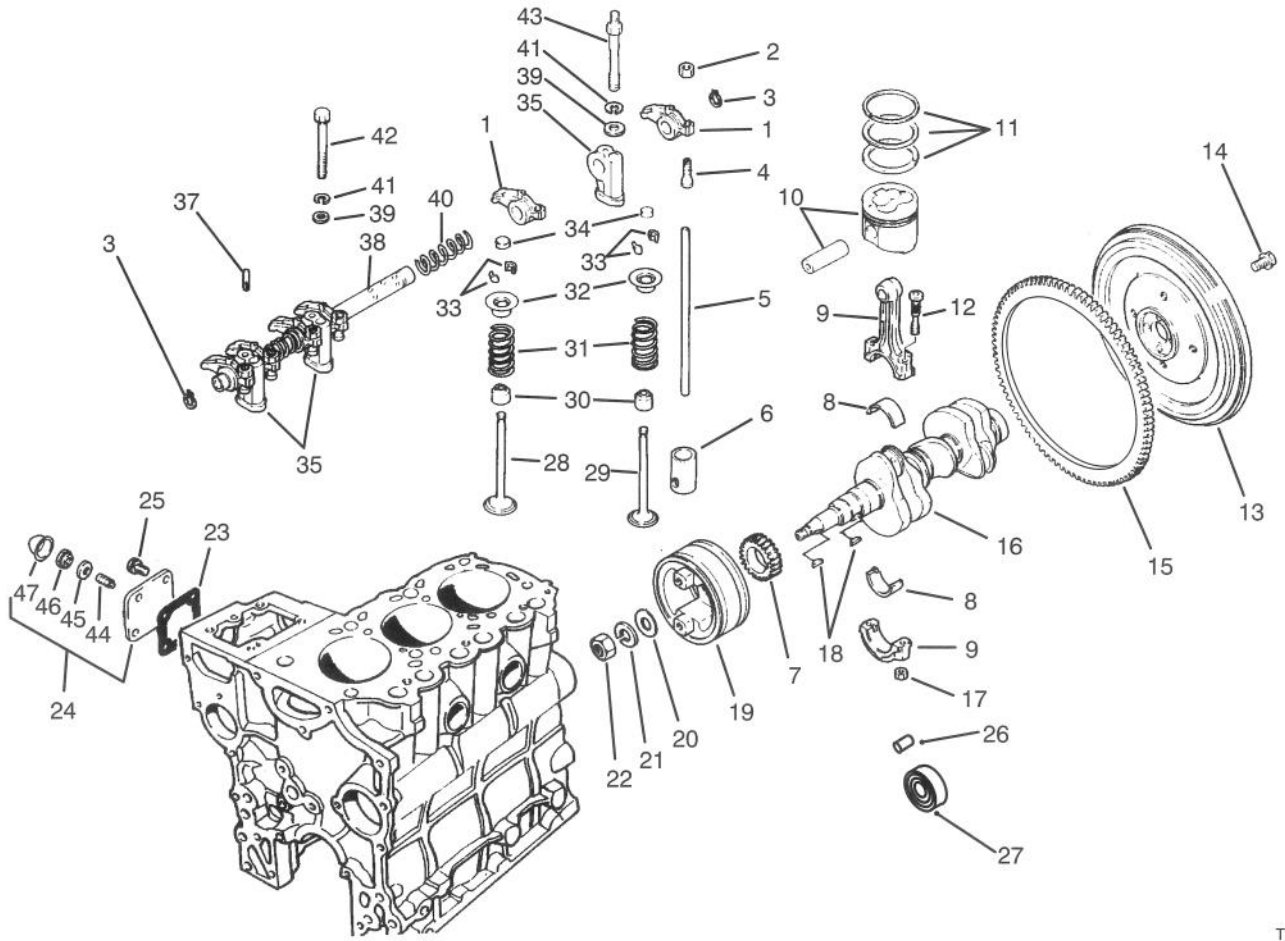
T-0565

VALVES AND CRANKSHAFT ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	67-3160	Arm-Rocker	6
2	67-3230	Nut - Jam	6
3	67-3240	Snap Ring	2
4	67-3210	Screw - Adjusting	6
5	67-3150	Rod-Push	6
6	67-3120	Tappet	6
7	67-2910	Gear	1
8	75-5010	Bearing Set STD	3
*	67-2890	Bearing Set 0.25 mm US	3
*	67-2900	Bearing Set 0.50 mm US	3
9	67-2850	Connecting Rod Assembly (Incl. Ref. #12 & 17)	3
10	75-5080	Piston & Pin Set STD	3
*	75-5090	Piston & Pin Set 0.25 mm OS	3
*	75-5100	Piston & Pin Set 0.50 mm OS	3
11	75-5050	Ring Set STD	3
*	75-5060	Ring Set 0.25 mm OS	3
*	75-5070	Ring Set 0.50 mm OS	3
12	67-2860	Bolt	6
13	67-2970	Flywheel Assembly (Incl. Ref. #14)	1
14	67-2990	Bolt	4

Ref. No.	Part No.	Description	No. Used
15	67-2980	Gear - Ring	1
16	67-2920	Crankshaft	1
17	42-9590	Nut	6
18	56-0480	Key - Woodruff	2
19	67-2930	Pulley - Crankshaft	1
20	67-2950	Washer	1
21	67-2960	Washer - Lock	1
22	67-2940	Nut - Jam	1
23	67-4310	Gasket	1
24	75-5110	Cover Assy. (Incl. Ref. #44-47)	1
25	42-9440	Bolt W/Washer	4
28	67-3130	Valve - Intake	3
29	67-3140	Valve - Exhaust	3
30	42-7870	Seal	6
31	67-3110	Spring	6
32	67-3100	Retainer	6
33	42-7860	Lock	12
34	67-3180	Cap	6
35	67-3200	Stay - Rocker	3
37	67-3220	Pin	1
38	67-3190	Rocker Shaft Assembly	1
39	42-9660	Washer	3
40	67-3170	Spring	2

*Not Illustrated

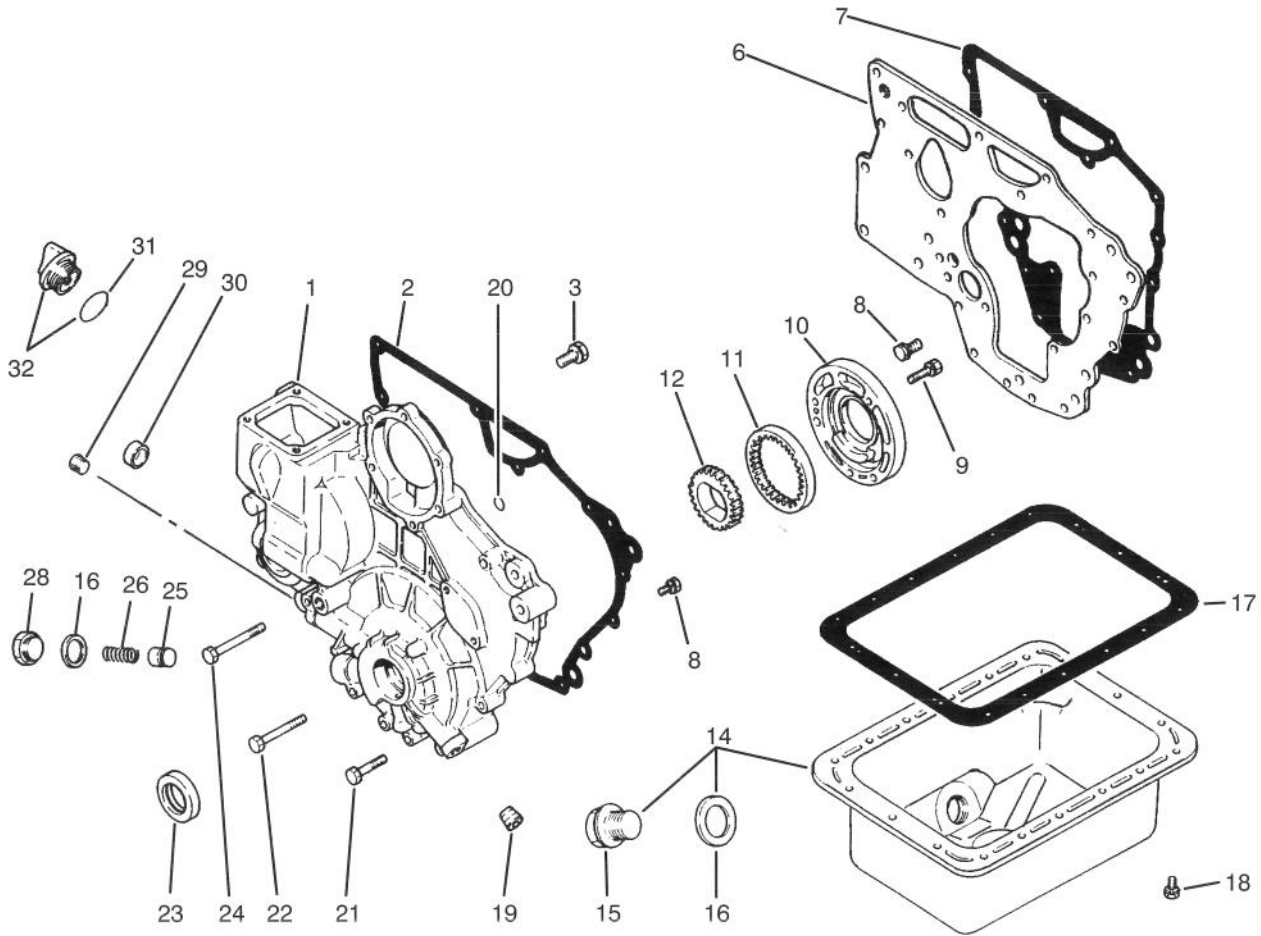


T-0565

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

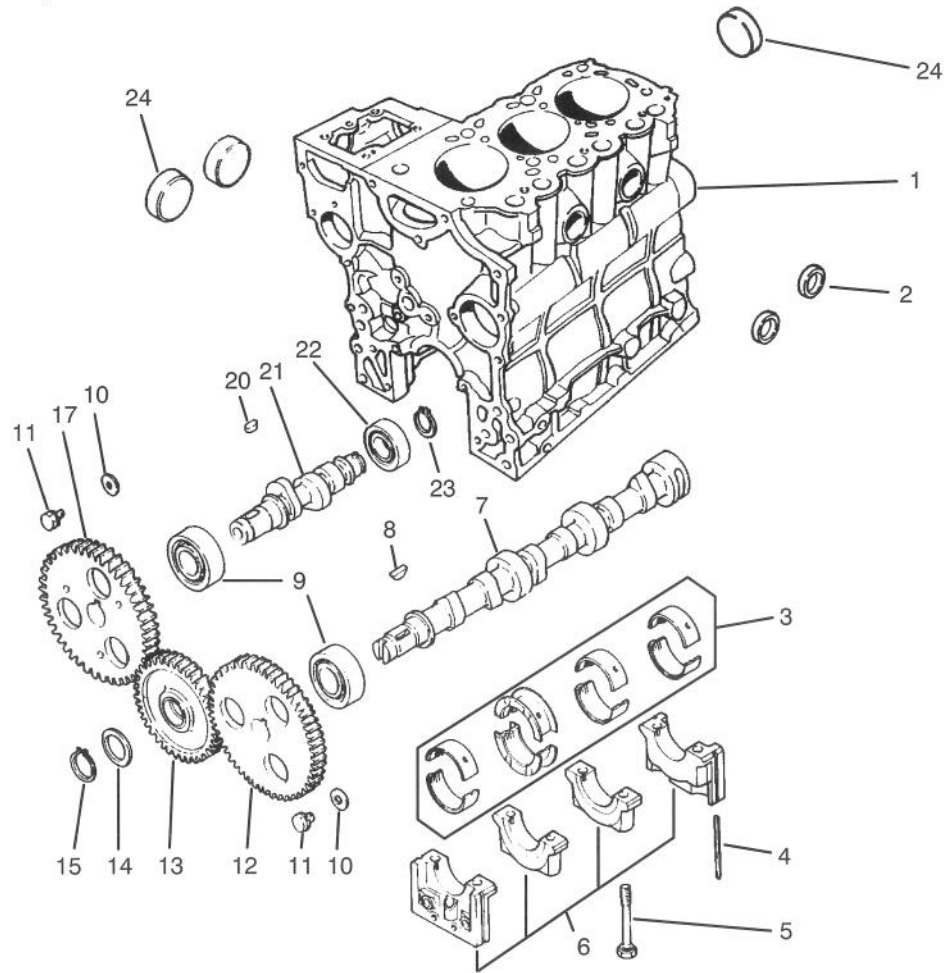


T-0567

CRANKCASE ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	75-4920	Case	1	19	42-7210	Plug-Taper	1
2	67-2580	Gasket - Case	1	20	67-2630	Seal - O-Ring	2
3	67-2340	Bolt W/Washer	3	21	67-2600	Bolt	3
6	67-2310	Plate - Front	1	22	67-2610	Bolt	4
7	67-2320	Gasket - Plate	1	23	67-2590	Seal - Oil	1
8	42-9440	Bolt W/Washer	11	24	67-2620	Bolt	1
9	67-2560	Bolt W/Washer	3	25	67-2500	Plunger - Relief	1
10	67-2550	Housing - Oil Pump	1	26	67-2510	Spring - Relief	1
11	67-2540	Gear - Outer	1	28	67-2520	Plug	1
12	67-2530	Gear - Inner	1	29	67-2570	Plug - Taper	1
14	75-4910	Oil Pan Assembly (Incl. Ref. #15-16)	1	30	67-2640	Cap	1
15	42-9260	Plug - Drain	1	31	67-2660	Seal - O-Ring	1
16	42-7290	Gasket - Drain	2	32	67-2650	Oil Fill Cap Assembly (Incl. Ref. #31)	1
17	67-2480	Gasket - Oil Pan	1	*	75-5040	Gasket Kit (Incl. Ref. #2, 7, 16 & 17)	1
18	42-9490	Bolt W/Washer	18				

*Not Illustrated



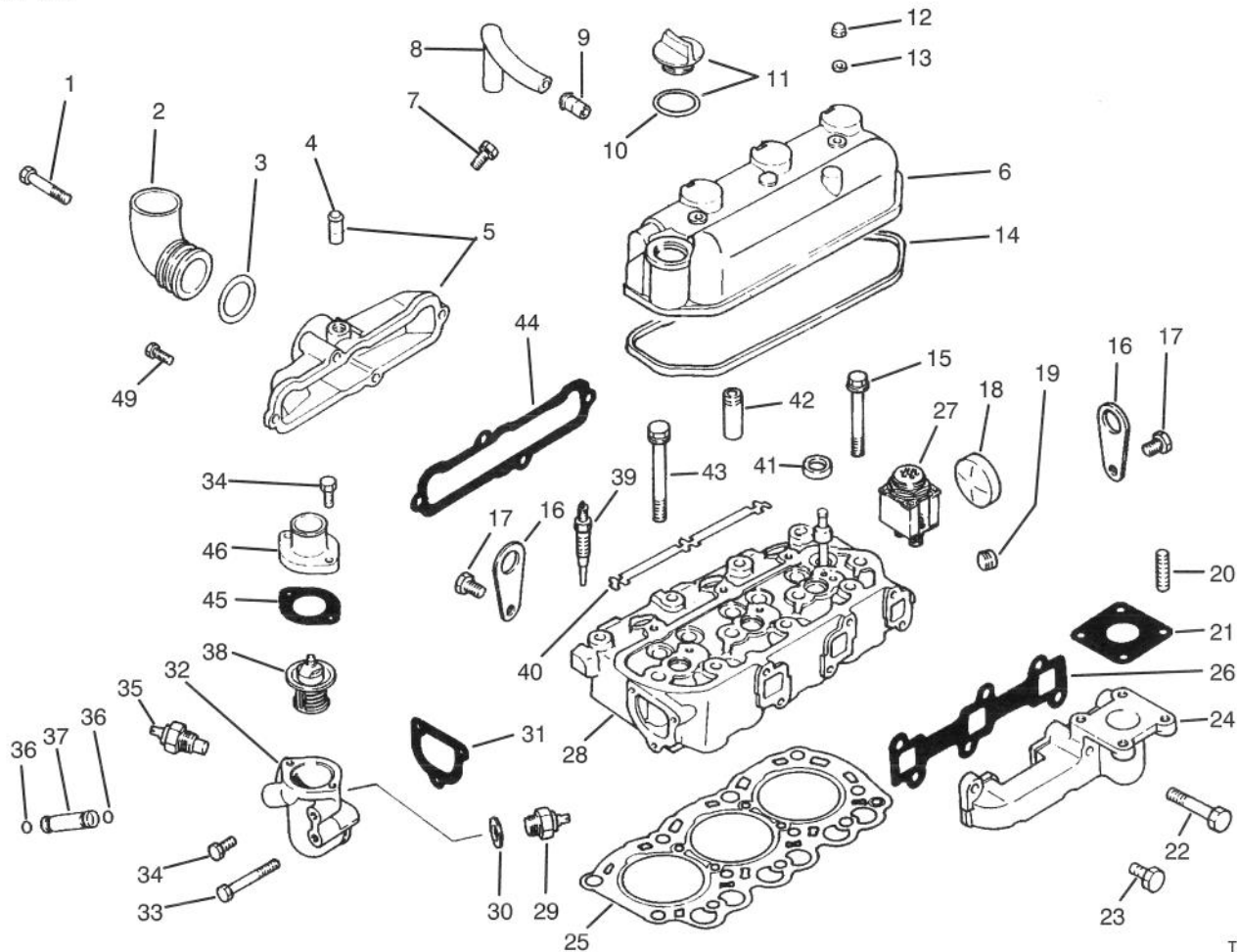
T-0564

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

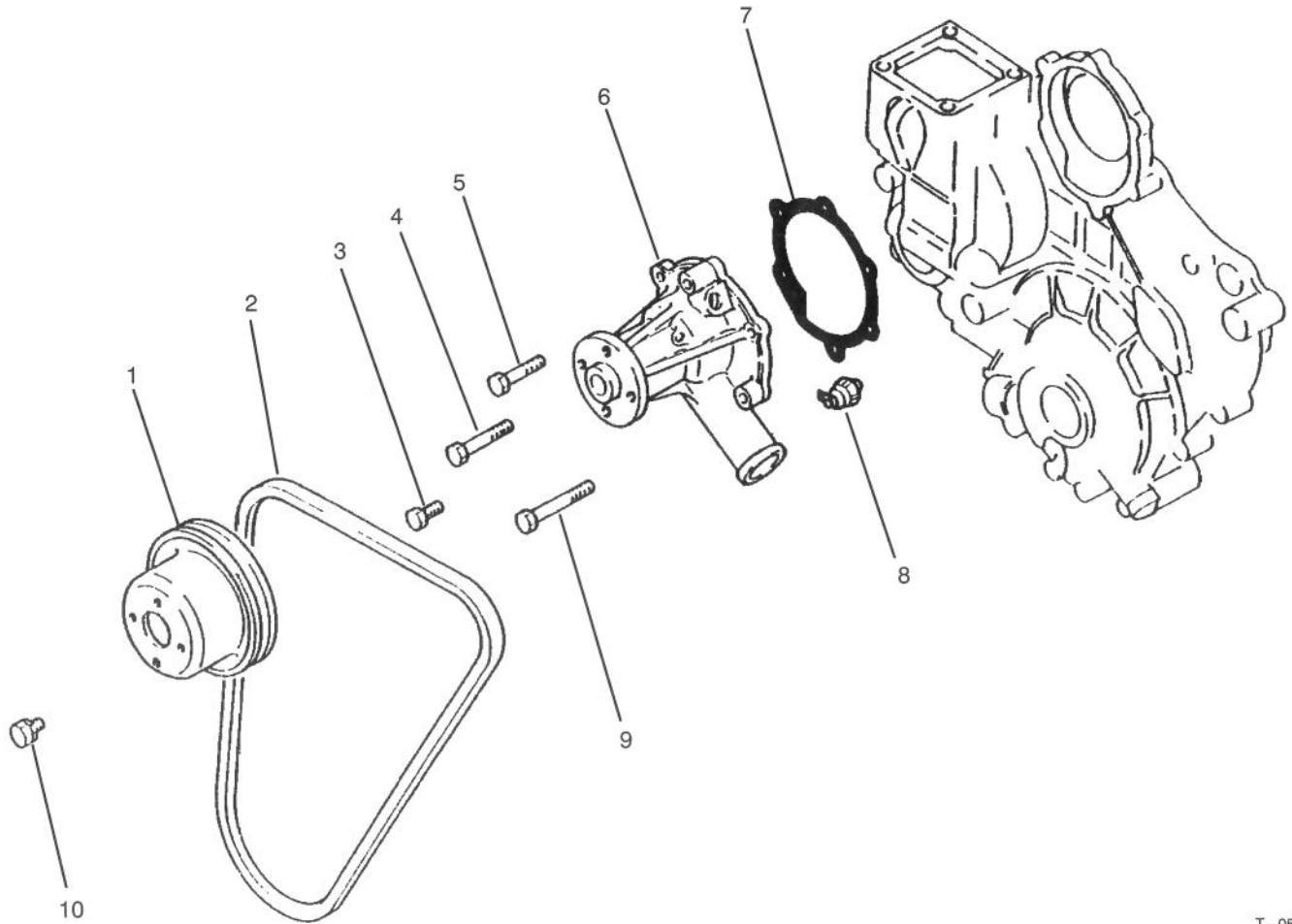
*Not Illustrated



T-0566

CYLINDER HEAD ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	67-4400	Bolt	2	25	75-4950	Gasket - Cylinder Head	1
2	67-4520	Pipe	1	26	67-4570	Gasket - Exhaust Manifold	1
3	67-4540	Seal - O-Ring	1	27	67-4700	Lamp - Glow	1
4	42-7510	Pipe	1	28	75-4930	Cylinder Head Assembly (Incl. Ref. #18, 41 & 42)	1
5	67-4530	Cover - Intake	1	29	67-4500	Switch - Thermo	1
6	67-2750	Cover Assembly (Incl. Ref. #9)	1	30	67-4490	Gasket	1
7	42-9430	Bolt W/Washer	1	31	67-4460	Gasket - Switch	1
8	67-2670	Hose - Breather	1	32	67-4450	Fitting - Thermostat	1
9	42-7510	Pipe	1	33	67-4470	Bolt	1
10	67-2660	Seal - O-Ring	1	34	67-2330	Bolt	4
11	67-2650	Cap - Oil Filler	1	35	67-4510	Gauge Nut - Temperature	1
12	67-2770	Nut - Cap	2	36	43-2710	Seal - O-Ring	2
13	67-2780	Washer	2	37	67-4480	Pipe - By-Pass	1
14	67-2760	Gasket	1	38	67-4440	Thermostat	1
15	67-2740	Bolt - Flange	3	39	67-4680	Plug - Glow	3
16	67-2680	Hanger - Engine	2	40	67-4690	Plate - Glow Plug	1
17	67-2340	Bolt W/Washer	4	41	67-2710	Cap - Sealing	3
18	56-0020	Plug - Expansion	1	42	67-2700	Guide - Valve	6
19	67-2570	Plug - Taper	1	43	67-2730	Bolt	8
20	42-9570	Stud	4	44	67-4550	Gasket - Intake Manifold	1
21	42-9110	Gasket	1	45	67-4430	Gasket - Fitting	1
22	67-4580	Bolt	2	46	67-4420	Fitting - Water	1
23	67-4590	Bolt	4	49	67-2330	Bolt	2
24	67-4560	Manifold - Exhaust	1				

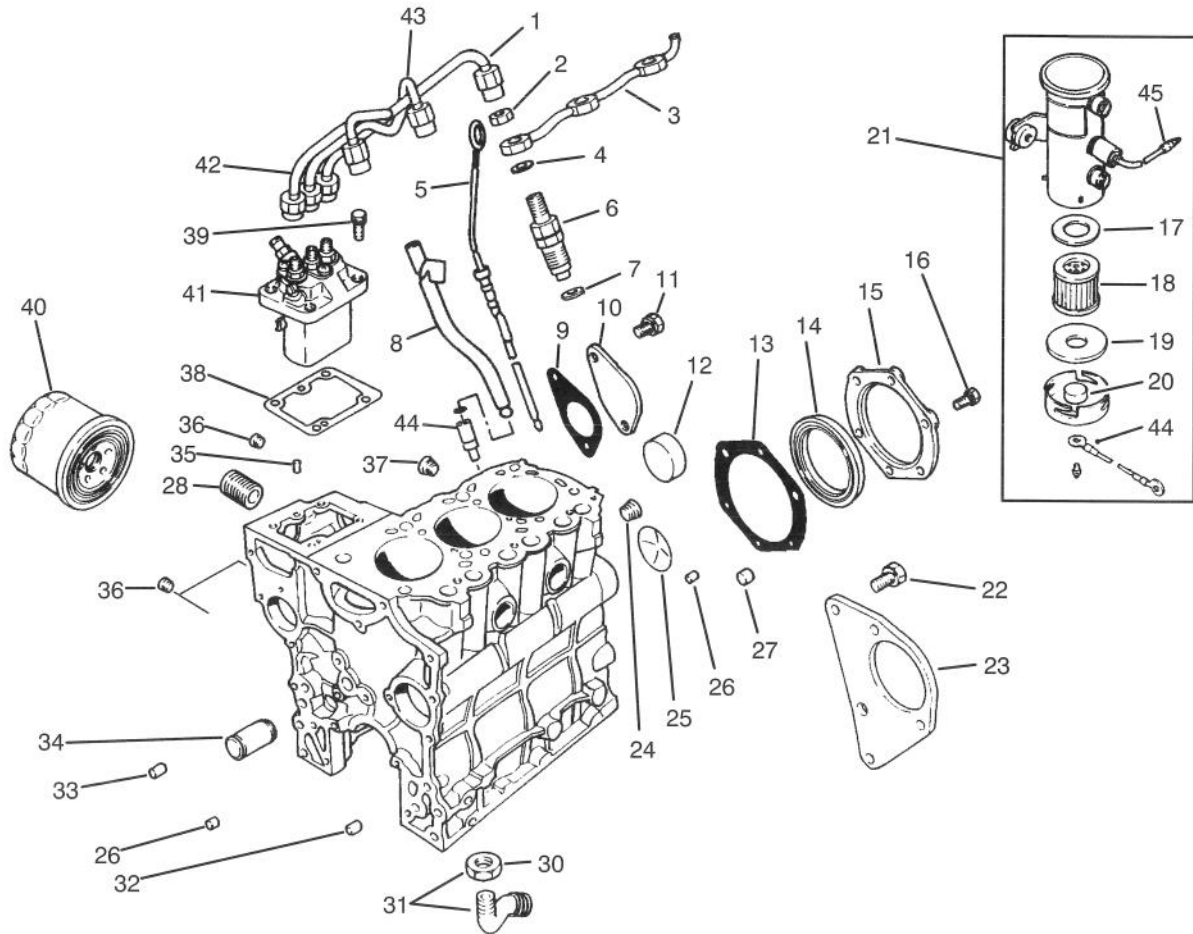


T-0568

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

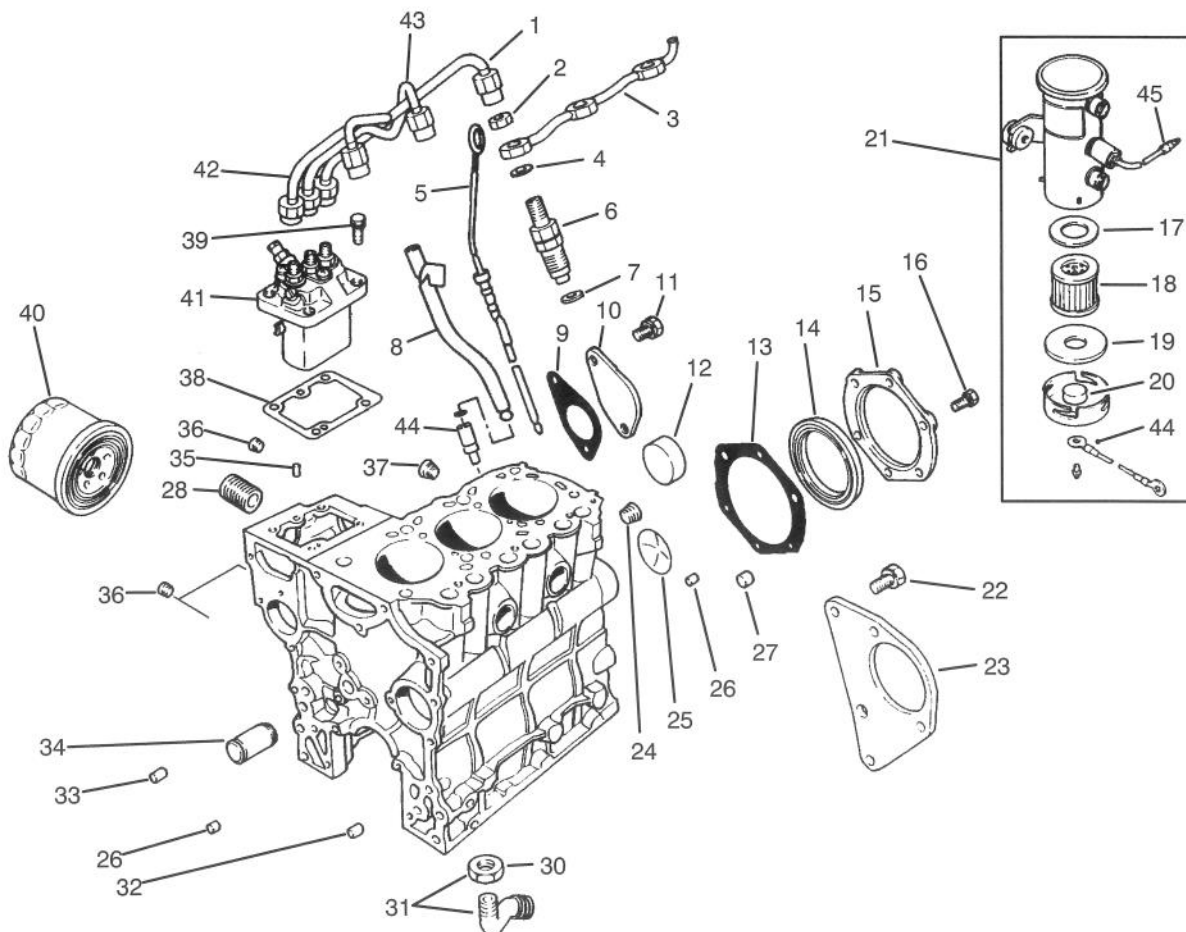


T-0569

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	24	67-2390	Plug - Taper	1
2	67-3430	Nut	3	25	67-2350	Plug - Expansion	1
3	70-8700	Pipe - Fuel Return	1	26	67-2360	Bushing - Knock	2
4	67-3440	Gasket	3	27	67-2380	Bushing - Knock	3
5	70-8880	Dipstick	1	28	56-1230	Shaft - Oil Filter	1
6	67-3380	Nozzle & Holder Assembly	1	30	42-9650	Nut - Jam	1
7	67-3390	Gasket - Nozzle Holder	3	31	67-4340	Screen Assembly (Incl. Ref. #30)	1
8	70-8870	Guide - Oil Level	1	32	67-2370	Bushing - Knock	1
9	67-2300	Gasket	1	33	42-7190	Bushing - Knock	2
10	67-2290	Cover	1	34	67-2260	Shaft-Idler	1
11	67-2340	Bolt W/Washer	2	35	56-0220	Pin - Dowel	2
12	56-0020	Plug-Expansion	3	36	67-2210	Plug - Taper	3
13	67-2280	Gasket-Seal, Oil	1	37	56-0100	Plug - Taper	1
14	67-2230	Seal-Oil	1	38	67-3280	Shim 0.2 mm	1
15	67-2270	Case - Oil Seal	1	*	67-3290	Shim 0.3 mm	1
16	67-2330	Bolt	6	*	67-3300	Shim 0.5 mm	1
17	43-2570	Gasket-Coil Side	1	*	67-3310	Shim 0.4 mm	1
18	43-2550	Filter	1	*	67-3320	Shim 0.6 mm	1
19	43-2560	Gasket - Side Cover	1	*	67-3330	Shim 0.7 mm	1
20	43-2580	Magnet	1	*	67-3340	Shim 0.8 mm	1
21	53-8150	Pump Assembly (Incl. Ref. #17-20)	1	*	67-3350	Shim 0.9 mm	1
22	67-2440	Bolt W/Washer	3	*	67-3360	Shim 1.0 mm	1
23	67-2430	Bracket - Starter	1	39	67-3370	Bolt W/Washer	4

*Not Illustrated



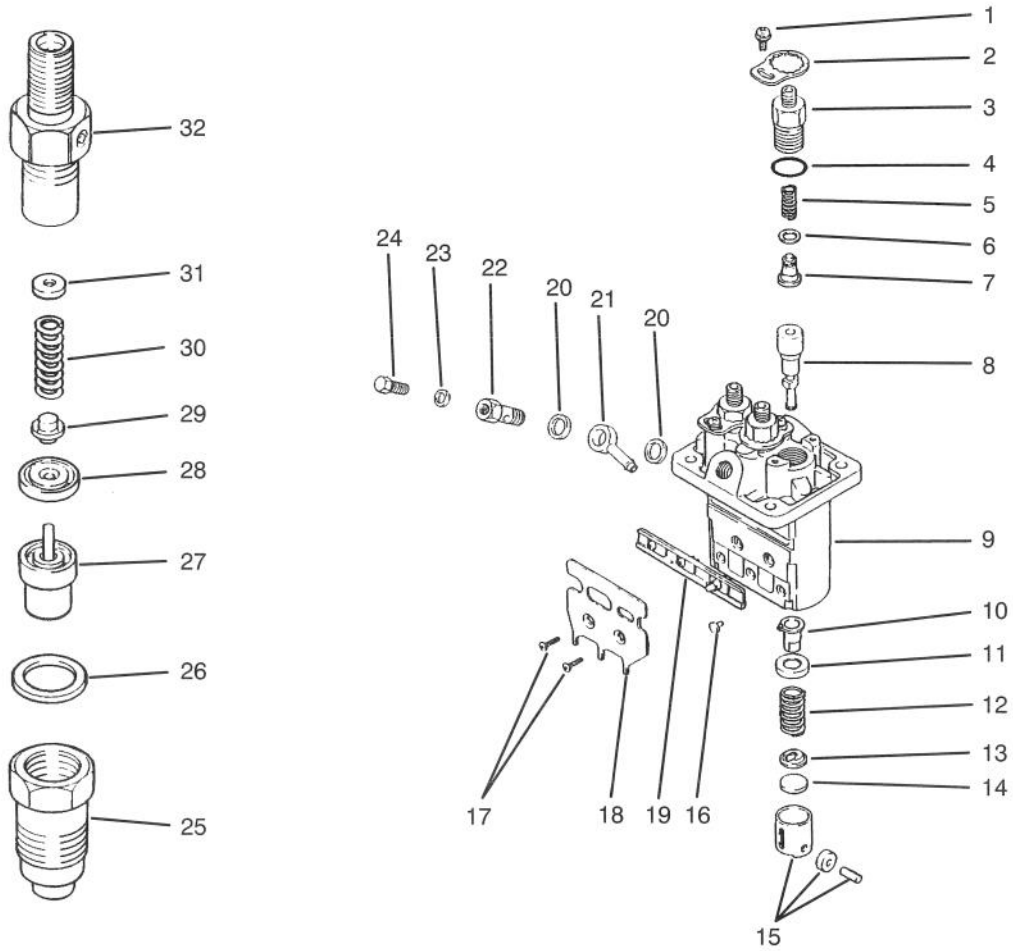
T-0569

FUEL SUPPLY & ENGINE BLOCK ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
40	67-4330	Oil Filter Assembly	1
41	75-5020	Injector Pump Assembly	1
42	67-3400	Pipe Assy. No. 1	1

Ref. No.	Part No.	Description	No. Used
43	67-3410	Pipe Assy. No. 2	1
44	82-8110	Retainer - Oil Guide	1

*Not Illustrated



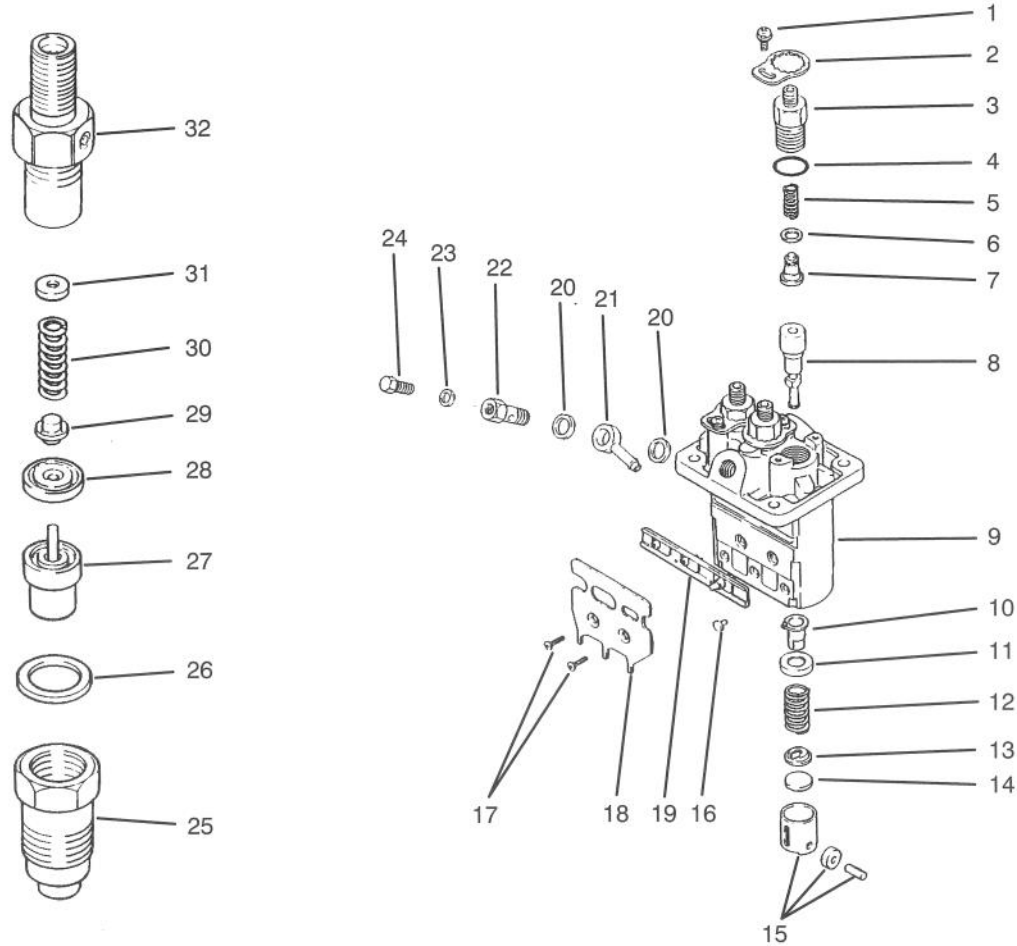
T-0570

FUEL INJECTION PUMP ASSEMBLY

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

Ref. No.	Part No.	Description	No. Used
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
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

*Not Illustrated



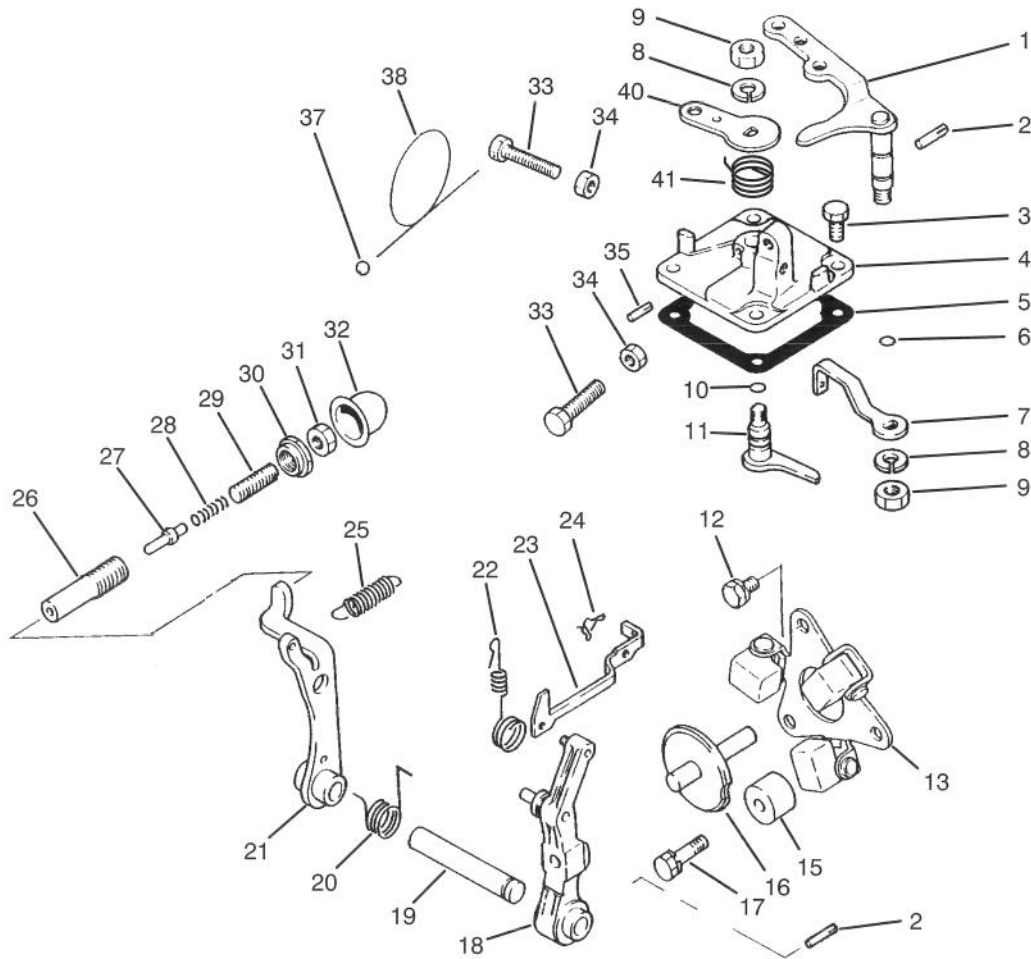
T-0570

FUEL INJECTION PUMP ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
31	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

Ref. No.	Part No.	Description	No. Used
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



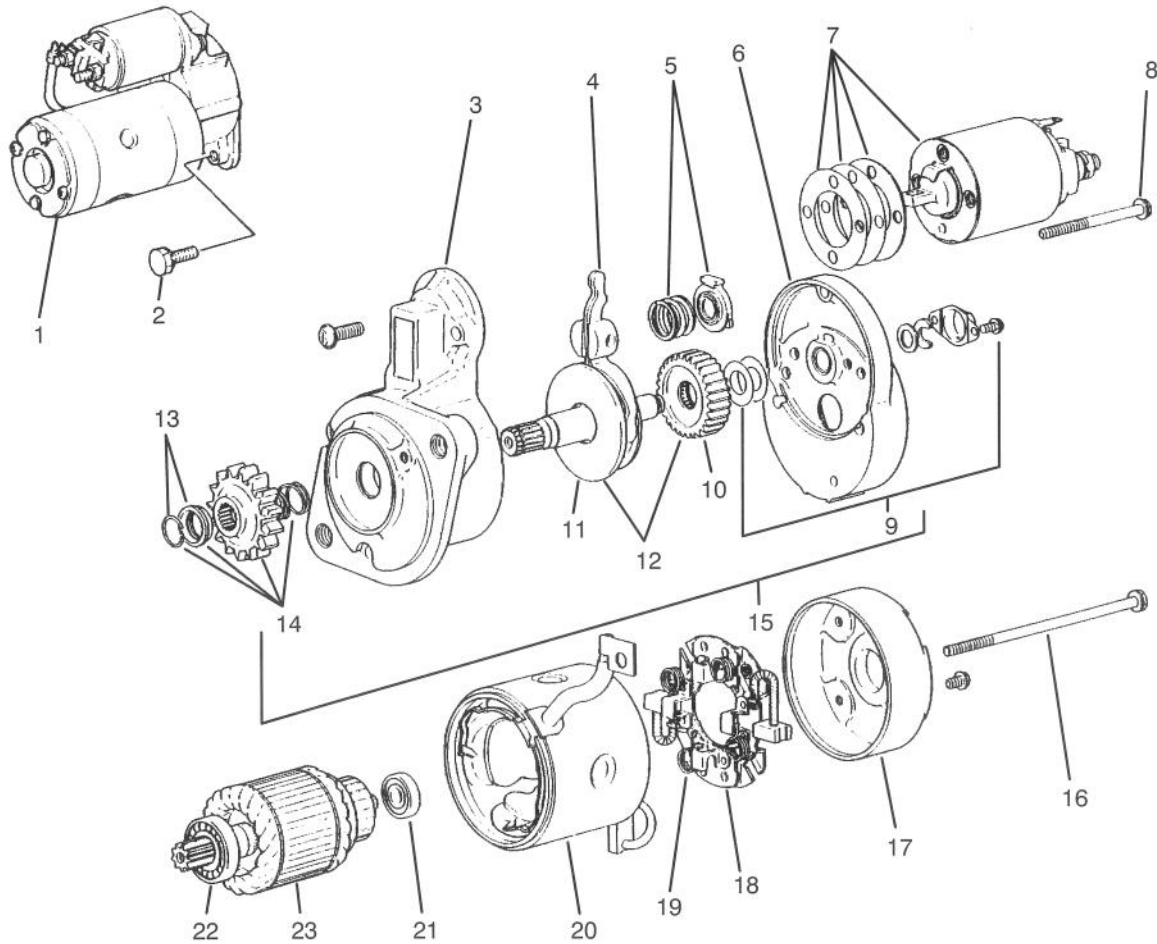
T-0571

GOVERNOR ASSEMBLY

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

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

*Not Illustrated

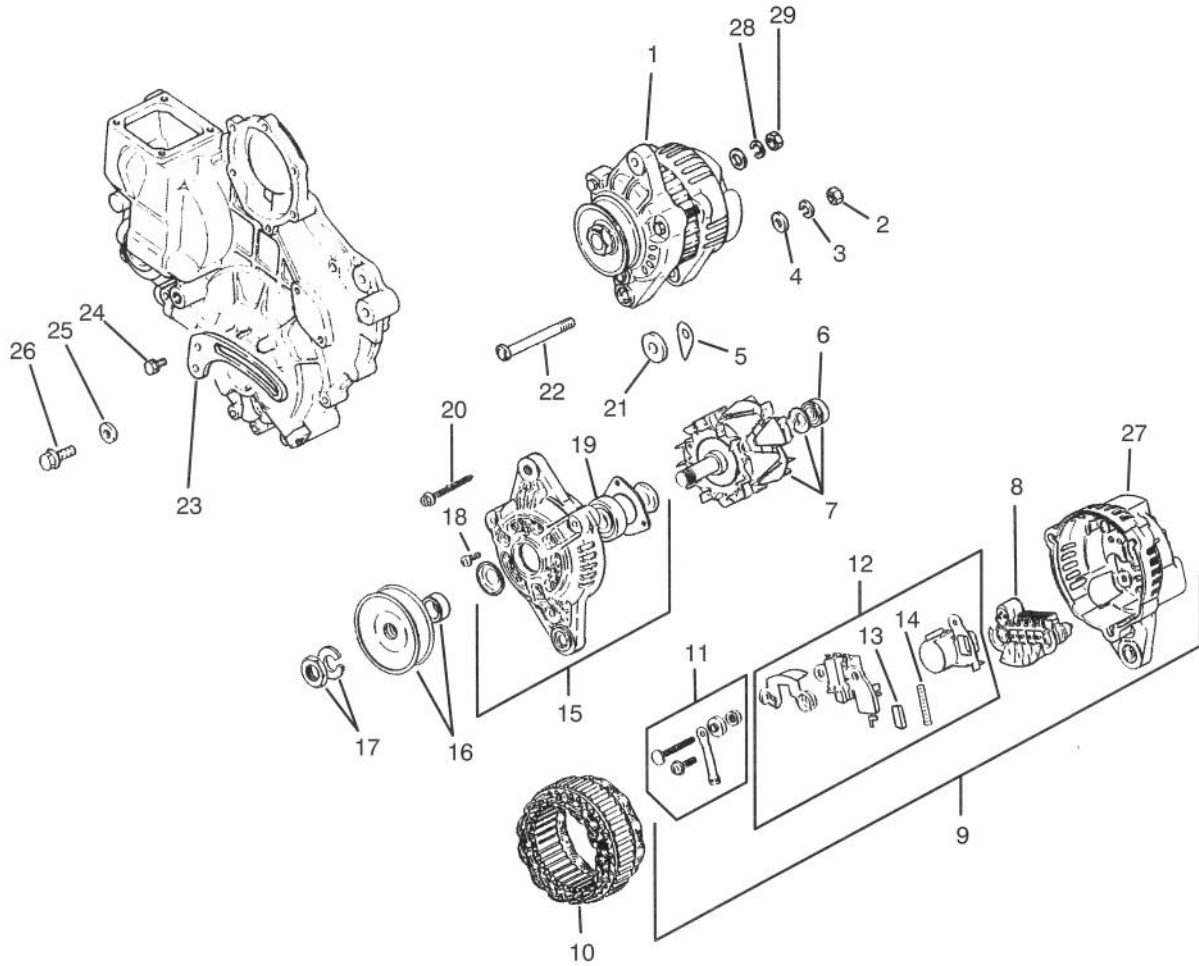


T-0572

STARTER ASSEMBLY

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

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



T-0573

ALTERNATOR ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	67-4630	Alternator Assembly (Incl. Ref. #6-17)	1	13	67-4920	Brush	2
2	67-4670	Nut	1	14	43-0510	Spring - Brush	2
3	67-3260	Washer	1	15	67-4830	Front Bracket Assembly (Incl. Ref. #18 & 19)	1
4	42-9660	Washer	1	16	67-4810	Pulley Set	1
5	43-0370	Shim	1	17	43-1920	Nut Set	1
6	67-4870	Bearing - Rear	1	18	67-4840	Screw Set	1
7	67-4860	Rotor Assembly (Incl. Ref. #6)	1	19	67-4850	Bearing - Front	1
8	67-4930	Rectifier	1	20	67-4820	Bolt Set	1
9	67-4890	Rear Cover Assembly (Incl. Ref. #8, 11, 12 & 27)	1	21	67-4620	Spacer	1
10	67-4880	Stator	1	22	67-4640	Bolt	1
11	67-4900	Terminal Set	1	23	75-4940	Brace - Alternator	1
12	67-4910	Regulator Assembly (Incl. Ref. #13 & 14)	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

3315-940

Part No.	Description	Pg. Ref.		Part No.	Description	Pg. Ref.	
		No.	Qty.			No.	Qty.
251-347	Bearing - Ball	31	12 2	27-7120	Nut & Gasket Assembly	23	34 1
3-3251	Spring	5	12 1	27-7130	Clamp Assembly	23	36 1
3-4324	Washer	34	38 1	27-7140	Skirt - Baffle	23	35 1
3-6624	Spring	34	27 1	27-7150	Cup Assembly	23	37 1
3-6657	Clip - Skid	33	33 1	27-7160	Decal - Instructions	23	24 1
3-7243	Spring - Return	5	20 2	27-7170	Mounting Band Assembly	23	31 2
4-2390	Washer	34	28 1	27-7180	Cap Assembly	23	20 1
5-0652	Spacer	17	30 1	27-7310	Decal (Caution Over Fill)	1	16 1
5-0652	Spacer	33	31 1	27-9620	Screw - Cap Hex. Hd.	17	29 1
5-1226	Washer	27	37 A/R	28-0660	Screw - Cap Hex. Hd.	16	21 8
5-3637	Washer - Flat	33	38 1	28-0670	Oil Seal	16	13 2
5-7570	Washer	7	6 4	28-0680	Brake Drum	16	11 2
6-1659	Glow Plug Switch Assembly	3	13 1	28-1280	Boot - Positive Cable	9	63 1
7-3900	Foot Pad - Brake	5	28 2	28-3300	Bearing - Roller	19	4 1
12-5450	Screw - Thread Forming	14	15 8	28-3310	Bearing - Needle	19	5 2
14-7149	Hood Assembly	1	1 1	28-3340	Gasket	19	49 1
21-7670	Differential Case	14	6 1	28-3350	Pin	19	48 2
21-7690	Gear - Pinion	14	10 2	28-3380	Plate - Motor Valve	19	45 1
21-7700	Shaft - Pinion Mate	14	7 1	28-3400	O-Ring	19	24 2
21-7720	Washer - Thrust	14	8 2	28-3420	Relief Valve Cone Charge	19	27 2
21-7730	Washer - Thrust	14	11 2	28-3440	Threaded Plug	19	42 2
21-7770	Screw - Drive Gear	14	5 5	28-3450	Washer - Flat	19	36 2
21-7830	Cover - Gear	14	16 1	28-3470	Lip Seal	19	34 1
21-8020	Spacer - Frt. Pinion Bearing	15	29 1	28-3480	Bearing - Needle	19	33 1
21-8090	Differential Adjust. Shim.	15	35 A/R	28-3520	O-Ring	19	31 1
21-8100	Differential Adjust. Shim.	15	36 A/R	28-3530	Screw - Cap Hex. Hd.	19	30 2
21-8110	Differential Adjust. Shim.	15	37 A/R	28-3570	O-Ring	19	21 2
21-8120	Differential Adjust. Shim.	15	38 A/R	28-3580	Ring - Backup	19	20 2
21-8180	Bearing - Tapered Roller	16	3 2	28-3590	O-Ring	19	19 2
21-8270	Pin - Dowel	14	4 2	28-3640	Shaft - Pump	19	12 1
21-8320	Gasket - Wheel Bearing	16	20 2	28-3650	Bearing - Ball	19	10 1
21-8360	Clip - Retaining	16	10 2	28-3660	Lip Seal	19	9 1
21-9260	Cover - Dust	5	39 1	28-3670	Shaft - Trunion	19	8 1
21-9370	Adjusting Screw	16	7 2	28-5220	Wheel - Friction	7	5 1
21-9380	Nut - Pivot	16	8 2	28-8070	Lanyard	24	66 1
21-9390	Socket - Adjusting Screw	16	6 2	29-4730	Washer - PTO	8	16 1
21-9420	Spring - Shoe Return LH	16	17 2	29-6150	Spring - Leaf	21	22 1
21-9430	Spring - Shoe Return RH	16	18 2	29-6162	Micro Switch	21	7 1
21-9440	Screw - Spring Adjusting	16	14 2	29-6170	Spring - Extended Leaf	21	5 1
21-9450	Dust Shield	16	4 2	29-9790	Pump - Lever	21	2 1
21-9460	Retainer - Parking Brake	16	15 4	36-7290	Shaft & Bearing	33	5 1
23-2270	Bushing - Rubber	17	3 1	37-2690	Capacitor	24	53 1
23-2300	Oil Filter	17	27 1	37-9590	Spring - Compression	23	44 1
23-7270	Nut - Lug	13	20 10	38-2670	Kit - Charge Pump	19	37 1
24-8790	Gear - Bevel, Differential	14	9 2	38-2680	Pin	19	32 1
24-8840	Ring - Wheel Bearing	16	22 2	42-7080	Cap	39	2 2
24-9180	Strut/Lever - Parking Brake	16	19 2	42-7190	Bushing - Knock	42	33 2
25-2380	Plate - Thrust	19	15 2	42-7210	Plug-Taper	38	19 1
25-2430	Pin	19	46 2	42-7290	Gasket - Drain	38	16 2
25-2460	Hex Hd. Plug	19	23 2	42-7510	Pipe	40	4 1
25-2470	Shim Pack	19	25 A/R	42-7510	Pipe	40	9 1
25-2480	Relief Valve Spring Charge	19	44 1	42-7840	Key	39	20 1
25-2500	Shaft - Trunion	19	2 1	42-7860	Lock	36	33 12
25-2510	Washer	19	3 2	42-7870	Seal	36	30 6
25-3210	Lip Seal	19	7 2	42-8240	Gasket	44	6 3
25-3300	Bearing - Needle	19	18 2	42-8690	Metal - Sealing	46	37 1
27-2360	Ignition Switch Assembly	3	7 1	42-8700	Wire	46	38 1
27-3680	Spacer - Mounting	17	5 4	42-8830	Seal - O-Ring	46	6 1
27-3690	Gasket - Transmission	17	38 1	42-8830	Seal - O-Ring	46	10 1
27-4240	Pin - Cylinder	10	30 2	42-9110	Gasket	40	21 1
27-4310	Pin - Pivot	13	25 2	42-9260	Plug - Drain	38	15 1
27-4370	Hub - Pump	17	10 1	42-9420	Bolt - Speed Set	46	33 4
27-6590	Spacer	17	22 2	42-9430	Bolt W/Washer	40	7 1
27-6600	Spacer - Rubber	17	15 6	42-9430	Bolt W/Washer	46	12 2
27-6851	Shaft - Axle, Flanged RH	16	* 1	42-9440	Bolt W/Washer	38	8 11
27-6861	Shaft - Axle, Flanged LH	16	1 1	42-9440	Bolt W/Washer	48	24 1
27-7100	Air Cleaner Assembly	23	25 1	42-9440	Bolt W/Washer	36	25 4
27-7110	Element Assembly	23	33 1	42-9490	Bolt W/Washer	41	10 4

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
42-9490	Bolt W/Washer	39 11 2	48-9460	Screw - Cap, M8 x 25	31 28 20
42-9490	Bolt W/Washer	38 18 18	48-9470	Bolt - M10 x 30	30 43 24
42-9510	Bolt	37 42 1	48-9470	Screw - Cap, M10 x 30	31 10 4
42-9570	Stud	40 20 4	48-9590	Washer - Lock	34 12 10
42-9590	Nut	36 17 6	48-9590	Washer - Lock	33 15 8
42-9600	Washer - Lock	31 9 28	49-7820	Variable Swashplate	19 13 1
42-9600	Washer - Lock M10	29 42 24	49-7830	Check Valve Assembly	19 22 2
42-9640	Nut - Jam	46 9 2	49-8200	Shaft - Motor	19 47 1
42-9650	Nut - Jam	42 30 1	51-3150	Shim	21 24 1
42-9660	Washer	48 4 1	52-1321	Decal - Diesel Fuel Only	23 16 1
42-9660	Washer	36 39 3	52-8890	Bracket - Mounting	21 16 2
42-9850	Washer - Lock	34 4 4	52-9070	Plate - Pump	21 17 1
42-9850	Washer - Lock	17 19 2	53-4430	Decal - Oil	2 34 1
42-9850	Washer - Lock	33 41 2	53-8130	Gasket - Exhaust	34 2 1
42-9850	Washer - Lock M8	29 34 8	53-8150	Pump - Fuel	23 40 1
42-9850	Washer - Lock, M8	31 29 28	53-8150	Pump Assembly	45 * 1
43-0370	Shim	48 5 1	53-8150	Pump Assembly	42 21 1
43-0510	Spring - Brush	48 14 2	54-7950	Drive Shaft Assembly	9 * 1
43-1920	Nut Set	48 17 1	54-8660	Washer	48 25 1
43-2550	Filter	42 18 1	54-9040	Yoke - End	8 32 1
43-2560	Gasket - Side Cover	42 19 1	54-9050	Shaft - Slip Yoke	8 31 1
43-2570	Gasket-Coil Side	42 17 1	54-9090	Yoke - End	8 28 1
43-2580	Magnet	42 20 1	54-9170	Tube - Slip Yoke	8 29 1
43-2710	Seal - O-Ring	40 36 2	54-9180	Kit - Universal Joint	22 2 2
43-2740	Gasket	34 24 1	54-9180	Kit - Universal Joint	8 35 2
43-2750	Nut - Jam	34 46 1	56-0020	Plug	39 24 3
43-2820	Cap - Sealing	37 47 1	56-0020	Plug - Expansion	40 18 1
43-2820	Cap - Sealing Torque Set	46 32 1	56-0020	Plug-Expansion	42 12 3
43-3160	Screw - Adjusting	37 44 1	56-0100	Plug - Taper	42 37 1
43-4031	Cable - Battery Positive	9 62 1	56-0220	Pin - Dowel	42 35 2
43-4031	Wire - Positive	4 1 1	56-0480	Key - Woodruff	39 8 1
43-5320	Pulley - PTO	8 17 1	56-0480	Key - Woodruff	36 18 2
43-5920	Washer - Lock	33 39 1	56-1060	Snap Ring	39 15 1
43-5930	Washer - Lock	31 14 12	56-1230	Shaft - Oil Filter	42 28 1
43-5960	Nut - Special	37 46 1	56-1570	Bolt Set	47 8 1
43-5970	Nut - Hex.	33 40 1	56-1580	Armature Set	47 23 1
43-6710	Shim Adjusting Differential	14 18 A/R	56-1590	Bearing - Front	47 22 1
43-6711	Shim Adjusting Differential	14 19 A/R	56-1600	Bearing - Rear	47 21 1
43-6712	Shim Adjusting Differential	14 20 A/R	56-1610	Bolt	47 16 1
43-6713	Shim Adjusting Differential	14 21 A/R	56-1640	Stopper Set	47 13 1
43-6750	Cup - Bearing	15 31 1	56-1670	Gear	47 10 1
43-6760	Cone - Bearing, Tapered	14 13 1	56-1680	Cover Set	47 9 1
43-6800	Nut - Lock, Flange Hd.	16 12 8	56-1700	Holder - Brush	47 18 1
43-6810	Torque Spider	16 5 2	56-1710	Spring - Brush	47 19 4
43-8600	Spring - Compression	24 54 1	56-1720	Bracket - Rear	47 17 1
43-8610	Guide - Spring & Ball Seat	24 59 1	56-2460	Washer - Flat	27 36 A/R
43-8620	Guide - Switch Pin	24 63 1	57-6390	Nut - Hex.	33 42 2
43-8860	Plunger - Switch	24 60 1	58-6320	Wiper - Seal	11 1 1
43-8870	Boot - Switch	24 65 1	58-6400	Bushing	11 5 1
43-9071	Switch - Seat	24 * 1	58-6420	Cap Assembly	11 8 1
44-2230	Coupling - Rubber	17 16 2	58-6450	O-Ring	11 2 2
44-8320	Spring	35 10 3	58-6460	Ring - Retaining	11 9 1
44-8530	Sock - Hose	5 47 1	59-9740	Latch Assembly	2 47 1
46-6560	Bushing	13 41 2	62-5550	Decal - TORO	2 37 1
46-6810	Screw - Cap Hex. Hd.	1 26 13	62-7020	Wheel & Tire Assy. (Opt.)	13 * 2
46-7310	Relief Valve Spring Imp.	19 26 1	62-7400	Decal - Toro	17 18 1
46-7320	Plate - Pump Valve	19 17 1	62-7650	Gasket	13 39 1
46-8091	Screw - Cap Hex. Hd.	2 43 2	63-6010	Hose - Upper	12 18 1
46-8810	Stop - Leaf Spring	21 9 1	63-6020	Hose - Lower	12 21 1
48-1800	Kit - Cylinder Block	19 16 2	63-6030	Hub - Clutch	34 44 1
48-7680	Screw - Hex.	33 43 1	63-6040	Hose - Air Cleaner Inlet	23 21 1
48-7710	Screw - Cap, M8 x 20	31 39 4	63-6050	Clutch - Electric	34 40 1
48-7780	Screw - Cap Hex. Hd.	28 9 8	63-6180	Brake Pedal Assembly LH	5 26 1
48-7930	Nut - Hex.	34 5 4	63-6190	Brake Pedal Assembly RH	5 29 1
48-7960	Nut	27 21 2	63-6210	Pin - Brake	5 22 1
48-9220	Washer - Flat	28 10 8	63-6220	Shaft - PTO	8 20 1
48-9460	Bolt - Hex. Hd.	29 35 4	63-6240	Belt - PTO	8 18 1
48-9460	Screw - Cap Hex. Hd.	17 20 2	63-6250	Shaft - PTO Tension	34 34 1

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Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
63-6290	Pin - Tension	34 26 1	66-2360	Support - Muffler	34 6 2
63-6440	Shield - Radiator	12 27 1	66-2440	Plate - Reservoir	33 10 1
63-6530	Bracket - PTO Bearing	8 26 1	66-2450	Bracket - Air Cleaner	24 74 1
63-6610	Drive Shaft	17 17 1	66-2451	Bracket - Air Cleaner	23 29 2
63-6630	Cylinder - Lift	10 31 2	66-2460	Panel - Control	3 1 1
63-6690	Lever - Clutch Anchor	34 42 1	66-2470	Plate - Tower	2 41 1
63-6700	Bracket	34 10 1	66-2490	Clamp - Battery Retainer	8 5 1
63-6720	Lever - Idler	33 24 1	66-2590	Pin - Seat Spring	23 43 1
63-6750	Link - Brake Cable	5 19 2	66-2630	Latch - Seat	23 14 1
63-6760	Swivel - Throttle Cable	33 14 1	66-2670	Bracket - Throttle	9 57 1
63-6760	Throttle Cable Swivel Assy.	9 * 1	66-2720	Lever - Lift	10 4 1
63-6890	Plate - Hinge RH	2 42 1	66-2800	Rod - Seat Support	23 10 1
63-6900	Plate Hinge LH	1 10 1	66-2870	Cable - Hood Stop	34 8 1
63-7030	Screen - Hood	1 3 1	66-2870	Cable - Hood Stop	2 45 1
63-7141	Mount - Shock (Red)	8 8 1	66-2900	Tie Rod End	34 20 1
63-7142	Mount - Shock (Yellow)	8 43 3	66-2910	Bumper - Rubber	34 17 2
63-7170	Anchor - Transmission	17 41 1	66-2920	Washer - Friction	9 53 2
63-7300	Fender - RH	2 39 1	66-2940	Gage - Fuel	3 6 1
63-7310	Fender LH	1 20 1	66-2950	Meter - Hour	3 14 1
63-7320	Cover - Tower Rear	2 32 1	66-2960	Cluster - Warning Light	3 5 1
63-7340	Wire - Ground	8 1 1	66-3050	Strip - Magnetic	1 15 1
63-7340	Wire - Ground	4 2 1	66-3060	Dipstick - Differential	13 36 1
63-7372	Tank - Fuel	13 40 1	66-3100	Screw	34 29 1
63-7380	Expansion Tank Assembly	33 11 1	66-3110	Hyd. Fitting	17 9 2
63-7400	Washer - Rebound	8 42 4	66-3130	Fitting - Hydraulic Tee	10 12 1
63-7410	Bracket - Bulkhead	10 37 1	66-3160	Screw	34 48 1
63-7430	Gage - Temperature	3 15 1	66-3180	Tube - Vent	12 20 1
63-7440	Solenoid - Stop	34 1 1	66-3200	Tread - Foot Rest LH	1 29 1
63-7590	Relay	23 47 2	66-3210	Tread - Foot LH	1 30 1
63-7600	Hose - Fuel	12 23 1	66-3240	Cap - Radiator	12 6 1
63-7610	Hose	9 61 1	66-8110	Trim - Hood	1 8 1
63-7620	Hose	23 19 1	66-8120	Standpipe	13 1 1
63-7630	Hose	13 7 2	66-8140	Hose	5 31 1
63-7630	Hose	23 42 1	66-8140	Hose - Hydraulic	20 11 1
63-7640	Sender - Fuel	13 6 1	66-8150	Hose - Hydraulic	20 6 1
63-7700	Screen Assembly	12 1 1	66-8150	Hose - Hydraulic	10 14 1
63-7710	Magnetic Strip	12 2 1	66-8180	Hose - Hydraulic	20 5 1
63-7730	Cable - Brake LH	5 16 1	66-8180	Hose Assembly	12 10 1
63-7731	Cable - Brake RH	5 * 1	66-8190	Hose - Hydraulic	20 3 1
63-7790	Screw	34 13 10	66-8190	Hose - Hydraulic	10 25 1
63-7790	Screw	33 16 8	66-8490	Hose - Hydraulic	20 10 1
63-7880	Pin - Brake Latch	5 23 1	66-8490	Hose Assembly	17 23 1
63-7900	Rack - Brake	5 15 1	66-8500	Hose	10 15 1
63-7910	Rod - Brake Latch	5 9 1	66-8500	Hose - Hydraulic	20 8 1
63-7960	Lift Valve Assembly	11 * 1	66-8500	Hose Assembly	12 30 1
63-7960	Valve - Lift	10 6 1	66-8620	Tube - Hydraulic	20 9 1
63-8050	Box - Control	2 40 1	66-8620	Tube - Hydraulic	5 33 1
63-8090	Lower Housing Assembly	14 1 1	66-8630	Tube - Hydraulic	20 7 1
63-8140	Pulley	33 28 1	66-8630	Tube - Hydraulic	5 32 1
63-8150	Key	34 41 1	66-8640	Hose - Hydraulic	20 4 1
63-8230	Angle - Clutch Anchor	34 16 2	66-8640	Hose - Hydraulic	10 33 1
63-8280	Head Assembly	8 12 1	66-8670	Decal - Hood RH	1 * 1
63-8290	Vent - Air	8 45 1	66-8680	Decal - Hood LH	1 7 1
63-8300	Element - Spin-On	8 13 1	66-8690	Lamp Harness	4 4 1
63-8310	Valve - Drain	8 40 1	66-8700	Indicator - Glow	33 32 1
63-8360	Key - Ignition	3 10 1	66-8750	Decal - Control Levers	24 56 1
63-8410	Washer - Flat	9 70 2	66-8760	Decal - Tower LH	2 33 1
63-9250	Power Steering Valve Assy.	5 3 1	66-8770	Decal - Tower RH	2 * 1
63-9750	Mount	9 69 2	66-8800	Relay	23 50 1
65-2740	Spacer	11 10 1	66-9770	Seal	6 28 1
65-2750	Plunger	11 11 1	66-9780	Bushing	6 29 1
65-2760	Spring	11 12 1	66-9850	Bolt - Special	6 36 4
65-2770	Washer	11 6 1	66-9860	Upper Cover & Jacket	6 37 1
65-2930	Plug Assembly	11 13 1	66-9870	Plate - Retaining	6 38 1
65-2950	Spring	11 7 1	66-9880	Washer - Retaining Plate	6 39 1
65-5100	Handle - Hood	1 2 1	66-9890	Ring - Retaining	6 40 1
66-2320	Mount - Engine	33 19 1	66-9900	Shaft - Input	6 41 1
66-2330	Base - Battery	8 6 1	66-9970	Kit - Spring	6 * 1

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Part No.	Description	Pg. No.	Ref. No.	Qty.	Part No.	Description	Pg. No.	Ref. No.	Qty.
66-9980	Kit - Seal	6	*	1	67-2750	Cover Assembly	40	6	1
66-9990	Kit - Needle Roller	6	*	1	67-2760	Gasket	40	14	1
67-1630	Spacer - PTO	9	68	2	67-2770	Nut - Cap	40	12	2
67-1631	Spacer	34	30	1	67-2780	Washer	40	13	2
67-1690	Fitting	24	68	2	67-2850	Connecting Rod Assembly	36	9	3
67-1700	Decal - Starting Fluid	23	23	1	67-2860	Bolt	36	12	6
67-1710	Decal - Interlock	23	48	1	67-2890	Bearing Set 0.25 mm US	36	*	3
67-1720	Decal - Caution	1	27	2	67-2900	Bearing Set 0.50 mm US	36	*	3
67-1750	Bushing	27	2	2	67-2910	Gear	36	7	1
67-1800	Pivot Plate Assembly	34	37	1	67-2920	Crankshaft	36	16	1
67-1830	Carrier Bracket	13	31	2	67-2930	Pulley - Crankshaft	36	19	1
67-1900	Screw - Cap Hex. Hd.	17	43	1	67-2940	Nut - Jam	36	22	1
67-2200	Seal	39	4	4	67-2950	Washer	36	20	1
67-2210	Plug - Taper	42	36	3	67-2960	Washer - Lock	36	21	1
67-2230	Seal-Oil	42	14	1	67-2970	Flywheel Assembly	36	13	1
67-2250	Bolt	39	5	8	67-2980	Gear - Ring	36	15	1
67-2260	Shaft-Idler	42	34	1	67-2990	Bolt	36	14	4
67-2270	Case - Oil Seal	42	15	1	67-3000	Washer	39	10	2
67-2280	Gasket-Seal, Oil	42	13	1	67-3010	Cam Shaft	39	7	1
67-2290	Cover	42	10	1	67-3020	Gear	39	12	1
67-2300	Gasket	42	9	1	67-3030	Bearing	39	9	2
67-2310	Plate - Front	38	6	1	67-3040	Plate	39	14	1
67-2320	Gasket - Plate	38	7	1	67-3050	Bearing	39	22	1
67-2330	Bolt	41	3	2	67-3060	Shaft	39	21	1
67-2330	Bolt	42	16	6	67-3070	Gear	39	17	1
67-2330	Bolt	40	34	4	67-3080	Snap Ring	39	23	1
67-2330	Bolt	40	49	2	67-3090	Gear Assembly	39	13	1
67-2340	Bolt W/Washer	38	3	3	67-3100	Retainer	36	32	6
67-2340	Bolt W/Washer	42	11	2	67-3110	Spring	36	31	6
67-2340	Bolt W/Washer	40	17	4	67-3120	Tappet	36	6	6
67-2350	Plug - Expansion	42	25	1	67-3130	Valve - Intake	36	28	3
67-2360	Bushing - Knock	42	26	2	67-3140	Valve - Exhaust	36	29	3
67-2370	Bushing - Knock	42	32	1	67-3150	Rod-Push	36	5	6
67-2380	Bushing - Knock	42	27	3	67-3160	Arm-Rocker	36	1	6
67-2390	Plug - Taper	42	24	1	67-3170	Spring	36	40	2
67-2410	Bearing Set 0.25 mm US	39	*	1	67-3180	Cap	36	34	6
67-2420	Bearing Set 0.50 mm US	39	*	1	67-3190	Rocker Shaft Assembly	36	38	1
67-2430	Bracket - Starter	42	23	1	67-3200	Stay - Rocker	36	35	3
67-2440	Bolt W/Washer	42	22	3	67-3210	Screw - Adjusting	36	4	6
67-2480	Gasket - Oil Pan	38	17	1	67-3220	Pin	36	37	1
67-2500	Plunger - Relief	38	25	1	67-3230	Nut - Jam	36	2	6
67-2510	Spring - Relief	38	26	1	67-3240	Snap Ring	36	3	2
67-2520	Plug	38	28	1	67-3250	Bolt-Rocker Stay	37	43	2
67-2530	Gear - Inner	38	12	1	67-3260	Washer	48	3	1
67-2540	Gear - Outer	38	11	1	67-3260	Washer	46	8	2
67-2550	Housing - Oil Pump	38	10	1	67-3260	Washer	37	41	3
67-2560	Bolt W/Washer	38	9	3	67-3280	Shim 0.2 mm	42	38	1
67-2570	Plug - Taper	40	19	1	67-3290	Shim 0.3 mm	42	*	1
67-2570	Plug - Taper	38	29	1	67-3300	Shim 0.5 mm	42	*	1
67-2580	Gasket - Case	38	2	1	67-3310	Shim 0.4 mm	42	*	1
67-2590	Seal - Oil	38	23	1	67-3320	Shim 0.6 mm	42	*	1
67-2600	Bolt	41	5	1	67-3330	Shim 0.7 mm	42	*	1
67-2600	Bolt	38	21	3	67-3340	Shim 0.8 mm	42	*	1
67-2610	Bolt	41	9	2	67-3350	Shim 0.9 mm	42	*	1
67-2610	Bolt	38	22	4	67-3360	Shim 1.0 mm	42	*	1
67-2620	Bolt	38	24	1	67-3370	Bolt W/Washer	42	39	4
67-2630	Seal - O-Ring	38	20	2	67-3380	Nozzle & Holder Assembly	42	6	1
67-2640	Cap	38	30	1	67-3380	Nozzle and Holder Assembly	45	*	3
67-2650	Cap - Oil Filler	40	11	1	67-3390	Gasket - Nozzle Holder	42	7	3
67-2650	Oil Fill Cap Assembly	38	32	1	67-3400	Pipe Assy. No. 1	43	42	1
67-2660	Seal - O-Ring	40	10	1	67-3410	Pipe Assy. No. 2	43	43	1
67-2660	Seal - O-Ring	38	31	1	67-3420	Pipe Assy. No. 3	42	1	1
67-2670	Hose - Breather	40	8	1	67-3430	Nut	42	2	3
67-2680	Hanger - Engine	40	16	2	67-3440	Gasket	42	4	3
67-2700	Guide - Valve	40	42	6	67-3460	Housing-Pump	44	9	1
67-2710	Cap - Sealing	40	41	3	67-3480	Seal - O-Ring	44	4	3
67-2730	Bolt	40	43	8	67-3490	Spring	44	5	3
67-2740	Bolt - Flange	40	15	3	67-3500	Valve	44	7	3

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Part No.	Description	Pg. No.	Ref. No.	Qty.	Part No.	Description	Pg. No.	Ref. No.	Qty.
67-3520	Sleeve	44	10	3	67-4220	Screw - Adjusting	46	29	1
67-3530	Seat - Spring Upper	44	11	3	67-4230	Stopper	46	27	1
67-3540	Spring	44	12	3	67-4270	Bolt	46	3	4
67-3550	Seat - Spring Lower	44	13	3	67-4280	Bolt W/Washer	46	17	1
67-3560	Plate - Shim 1.85 mm	44	14	1	67-4290	Nut	46	34	4
67-3570	Plate - Shim 1.9 mm	44	*	1	67-4310	Gasket	36	23	1
67-3580	Plate - Shim 1.95 mm	44	*	1	67-4330	Oil Filter Assembly	43	40	1
67-3590	Plate - Shim 2.0 mm	44	*	1	67-4340	Screen Assembly	42	31	1
67-3600	Plate - Shim 2.05 mm	44	*	1	67-4350	Switch - Oil Pressure	41	8	1
67-3610	Plate - Shim 2.1 mm	44	*	1	67-4360	Pulley - Water Pump	41	1	1
67-3620	Plate - Shim 2.15 mm	44	*	1	67-4380	Water Pump Assembly	41	6	1
67-3630	Plate - Shim 2.2 mm	44	*	1	67-4390	Gasket - Water Pump	41	7	1
67-3640	Plate - Shim 2.25 mm	44	*	1	67-4400	Bolt	40	1	2
67-3650	Plate - Shim 2.3 mm	44	14	1	67-4400	Bolt	41	4	1
67-3660	Plate - Shim 2.35 mm	44	*	1	67-4410	V-Belt	41	2	1
67-3670	Plate - Shim 2.4 mm	44	*	1	67-4420	Fitting - Water	40	46	1
67-3680	Plate - Shim 2.45 mm	44	*	1	67-4430	Gasket - Fitting	40	45	1
67-3690	Plate - Shim 2.5 mm	44	*	1	67-4440	Thermostat	40	38	1
67-3700	Tappet	44	15	3	67-4450	Fitting - Thermostat	40	32	1
67-3710	Screw - Air Bleed	44	24	1	67-4460	Gasket - Switch	40	31	1
67-3720	Washer	44	23	1	67-4470	Bolt	40	33	1
67-3730	Screw	44	22	1	67-4480	Pipe - By-Pass	40	37	1
67-3740	Holder-Delivery Valve	44	3	3	67-4490	Gasket	40	30	1
67-3740	Nipple - Swivel	44	21	1	67-4500	Switch - Thermo	40	29	1
67-3750	Washer	44	20	2	67-4510	Gauge Nut - Temperature	40	35	1
67-3760	Plate - Lock	44	2	3	67-4520	Pipe	40	2	1
67-3770	Screw W/Washer	44	1	3	67-4530	Cover - Intake	40	5	1
67-3780	Rack	44	19	1	67-4540	Seal - O-Ring	40	3	1
67-3790	Screw	44	17	2	67-4550	Gasket-Intake Manifold	40	44	1
67-3800	Bracket - Wire Stop	44	18	1	67-4560	Manifold - Exhaust	40	24	1
67-3810	Pin - Tappet Guide	44	16	3	67-4570	Gasket - Exhaust Manifold	40	26	1
67-3830	Washer 1.25 mm	44	31	1	67-4580	Bolt	40	22	2
67-3840	Washer 1.3 mm	45	31	1	67-4590	Bolt	40	23	4
67-3850	Washer 1.35 mm	45	*	1	67-4610	Bolt W/Washer	47	2	2
67-3860	Washer 1.4 mm	45	*	1	67-4620	Spacer	48	21	1
67-3870	Washer 1.45 mm	45	*	1	67-4630	Alternator Assembly	48	1	1
67-3880	Washer 1.5 mm	45	*	1	67-4640	Bolt	48	22	1
67-3890	Washer 1.55 mm	45	*	1	67-4660	Bolt - Flange	48	26	1
67-3900	Washer 1.6 mm	45	*	1	67-4670	Nut	48	2	1
67-3910	Washer 1.65 mm	45	31	1	67-4680	Plug - Glow	40	39	3
67-3920	Washer 1.7 mm	45	*	1	67-4690	Plate - Glow Plug	40	40	1
67-3930	Spring	44	30	3	67-4700	Lamp - Glow	40	27	1
67-3940	Pin - Pressure	44	29	3	67-4720	Lever	47	4	1
67-3950	Piece - Distance	44	28	3	67-4730	Spring Set	47	5	1
67-3960	Nozzle	44	27	3	67-4750	Switch	47	7	1
67-3970	Nut - Retaining	44	25	3	67-4760	Shaft Assembly	47	15	1
67-3980	Gasket	44	26	3	67-4770	Pinion Set	47	14	1
67-3990	Lever - Speed Control	46	1	1	67-4780	Gear Set	47	12	1
67-4000	Pin	46	2	2	67-4790	Shaft	47	11	1
67-4010	Stopper	46	15	1	67-4800	Yoke	47	20	1
67-4030	Rod - Tie	46	23	1	67-4810	Pulley Set	48	16	1
67-4040	Weight Assembly	46	13	1	67-4820	Bolt Set	48	20	1
67-4050	Shaft - Governor	46	19	1	67-4830	Front Bracket Assembly	48	15	1
67-4060	Lever - Governor	46	18	1	67-4840	Screw Set	48	18	1
67-4070	Shaft - Sliding	46	16	1	67-4850	Bearing - Front	48	19	1
67-4080	Clip	46	24	1	67-4860	Rotor Assembly	48	7	
67-4090	Lever - Tension	46	21	1	67-4870	Bearing - Rear	48	6	1
67-4110	Cover Assembly	46	*	1	67-4880	Stator	48	10	1
67-4120	Pin - Grooved	46	35	1	67-4890	Rear Cover Assembly	48	9	1
67-4130	Cover - Governor	46	4	1	67-4900	Terminal Set	48	11	1
67-4140	Lever - Stop	46	11	1	67-4910	Regulator Assembly	48	12	1
67-4150	Lever - Stop	46	40	1	67-4920	Brush	48	13	2
67-4160	Gasket	46	5	1	67-4930	Rectifier	48	8	1
67-4170	Spring Set	46	*	1	67-5040	Spring	46	20	1
67-4180	Nut	46	31	1	67-7050	Field Rotor Assembly	35	1	1
67-4190	Spring - Torque	46	28	1	67-7060	Ring - Retaining	35	8	1
67-4200	Nut - Special	46	30	1	67-7070	Armature & Pulley Assembly	35	5	1
67-4210	Case - Torque Spring	46	26	1	67-7080	Collar - Bearing	35	6	1

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Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
67-7090	Bearing - Pulley	35 7 1	72-3594	Shim .141 - Diff. Adjust.	15 * A/R
67-7100	Plate - Brake	35 11 1	72-3595	Shim .143 - Diff. Adjust.	15 * A/R
67-7120	Fusible Link	4 5 1	72-3596	Shim .145 - Diff. Adjust.	15 * A/R
67-7130	Diode	4 6 1	72-3597	Shim .147 - Diff. Adjust.	15 * A/R
67-7160	Fuse Block	23 1 1	72-3598	Shim .149 - Diff. Adjust.	15 * A/R
67-7180	Wire - Seat	4 9 1	72-3600	Shim .151 - Diff. Adjust.	15 * A/R
67-7210	R-Clamp	9 60 2	72-4320	Switch	24 57 1
68-5140	Steering Wheel Cap Assy.	5 7 1	72-4870	Case - Differential	29 24 1
68-5370	Decal - Toro	5 40 1	72-4880	Cover	29 2 1
68-6822	Rear Axle Assembly	27 1 1	72-4890	O-Ring	29 3 1
68-7010	Flange	14 26 1	72-4900	Case - Differential	29 8 1
68-7370	Wire - Glow	4 11 1	72-4910	Flange - Case	29 12 1
68-7380	Connector Assembly	4 12 1	72-4930	Gear - Side	29 9 1
69-4780	Clamp - Gauge	3 18 1	72-4940	Gear - Side	29 40 1
70-2560	Decal - Lube	27 16 1	72-4950	Gear - Pinion	29 10 2
70-7290	Bracket - Seat Switch	24 51 1	72-4960	Shim .1 mm	29 5 1
70-7530	Spring - Compression	10 3 1	72-4970	Shim .15 mm	29 * 1
70-8560	Retainer - Glow Plug	33 30 1	72-4980	Shim .5 mm	29 * 1
70-8621	Cap - Fuel	13 11 1	72-4990	Shim .8 mm	29 * 1
70-8700	Pipe - Fuel Return	42 3 1	72-5000	Shim 1.0 mm	29 * 1
70-8720	Spring - Tie Rod	46 22 1	72-5010	Shim 1.2 mm	29 * 1
70-8760	Starter Assembly	47 1 1	72-5020	Shaft - Pinion	30 47 1
70-8770	Bracket - Front	47 3 1	72-5030	Pin - Dowel	30 45 2
70-8780	Bracket - Center	47 6 1	72-5040	Washer - Gear	29 11 1
70-8870	Guide - Oil Level	42 8 1	72-5050	Tube - Axle RH	29 16 1
70-8880	Dipstick	42 5 1	72-5060	Axle - RH	29 17 1
71-1520	Cap - Reservoir	33 44 1	72-5070	Gasket	29 15 2
71-2910	Angle - Engine Mount	33 17 1	72-5080	Gasket	29 14 2
71-3384	Hose	12 9 1	72-5090	Gear - Bevel	31 18 2
71-3500	Lever - Throttle	9 55 1	72-5090	Gear - Bevel	29 21 2
71-4330	Seal	15 48 1	72-5100	Spacer	29 20 2
71-4340	Washer	14 27 1	72-5110	Tube - Axle LH	30 44 1
71-4350	Nut	15 47 1	72-5120	Axle - LH	29 41 1
71-4450	Bolt - Wheel	27 18 10	72-5130	Vent	29 23 1
71-4530	Tie Rod Assembly	28 * 1	72-5140	O-Ring	29 25 1
71-4540	Washer	27 14 1	72-5150	Plug	29 26 1
71-4570	Housing - Clutch	27 27 1	72-5160	Shim .1mm	29 29 1
71-4580	Clutch - Roller	27 25 2	72-5170	Shim .15 mm	29 * 1
71-4590	Washer - Thrust	27 24 2	72-5180	Shim .5 mm	29 * 1
71-4690	Screw - Cap Hex. Hd.	27 22 2	72-5190	Shim .8 mm	29 * 1
71-4750	Tube & Clamp Assembly	28 21 1	72-5200	Shim 1.0 mm	29 * 1
71-4760	Seal - Rod	28 15 2	72-5210	Shim 1.2 mm	29 * 1
72-3410	Yoke - Flange	22 1 1	72-5360	Ring - Retaining	29 19 2
72-3420	Shaft - Yoke, Slip	22 3 1	72-5370	Ring - Retaining	29 22 2
72-3440	Yoke - Shaft	22 6 1	72-5440	Pin - Spring	30 46 1
72-3560	Decal - 4wd	2 52 2	72-5460	O-Ring	29 32 1
72-3570	Shim .094 - Diff. Adjust.	14 28 A/R	72-5510	Gear Box - Axle	31 23 2
72-3571	Shim .096 - Diff. Adjust.	14 * A/R	72-5520	Case - Knuckle	31 38 2
72-3572	Shim .098 - Diff. Adjust.	14 * A/R	72-5540	Case - Knuckle	31 30 2
72-3573	Shim .100 - Diff. Adjust.	14 * A/R	72-5550	Cover	31 26 2
72-3574	Shim .102 - Diff. Adjust.	14 * A/R	72-5560	Pin - King, Knuckle	31 20 2
72-3575	Shim .104 - Diff. Adjust.	14 * A/R	72-5570	Shaft - Axle, Outer	31 35 2
72-3576	Shim .106 - Diff. Adjust.	14 * A/R	72-5580	Gear - Bevel	31 5 4
72-3577	Shim .108 - Diff. Adjust.	14 * A/R	72-5590	Retainer - Bearing	31 15 2
72-3578	Shim .110 - Diff. Adjust.	14 * A/R	72-5600	Washer - Thrust	31 21 2
72-3580	Shim .112 - Diff. Adjust.	14 * A/R	72-5620	Gasket	31 1 4
72-3581	Shim .114 - Diff. Adjust.	14 * A/R	72-5630	Gasket	31 16 2
72-3582	Shim .116 - Diff. Adjust.	14 * A/R	72-5640	Bearing - Needle	31 22 2
72-3583	Shim .118 - Diff. Adjust.	14 * A/R	72-5650	Hub - Wheel	31 34 2
72-3584	Shim .120 - Diff. Adjust.	14 * A/R	72-5660	Washer - Shaft, Wheel	31 33 2
72-3585	Shim .125 - Diff. Adjust.	14 * A/R	72-5670	Pin - Dowel	31 7 4
72-3586	Shim .127 - Diff. Adjust.	14 * A/R	72-5680	Spacer	31 19 2
72-3587	Shim .129 - Diff. Adjust.	14 * A/R	72-5720	Ring - Retaining	31 4 2
72-3588	Shim .131 - Diff. Adjust.	14 * A/R	72-5730	Seal - Oil	31 24 4
72-3590	Shim .133 - Diff. Adjust.	15 28 A/R	72-5740	Seal - Oil	31 2 2
72-3591	Shim .135 - Diff. Adjust.	15 * A/R	72-5770	Nut - Castle	31 32 2
72-3592	Shim .137 - Diff. Adjust.	15 * A/R	72-5780	Key	31 36 2
72-3593	Shim .139 - Diff. Adjust.	15 * A/R	72-5790	Screw - Cap, M6 x 18	31 13 12

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Part No.	Description	Pg. Ref.			Part No.	Description	Pg. Ref.		
		No.	No.	Qty.			No.	No.	Qty.
72-5800	Bolt	29	1	8	85-4980	PTO Switch Assembly	3	3	1
72-5810	Bolt	29	7	8	85-7540	Wire Harness	4	3	1
72-5820	Plug	29	28	1	85-7560	Plate - Control Panel	3	16	1
72-5840	Gasket	29	27	1	86-7220	Gear - Spur	17	36	1
72-6140	Cover - Rear	48	27	1	86-7230	Gear - Spur	14	17	1
72-9390	Seat Belt Assembly	25	1	1	86-7930	Upper Housing Assembly	14	22	1
72-9420	Vent Assembly	15	40	1	88-3590	Nut - Lock	32	12	1
74-0720	Tube - Manual	26	1	1	92-1676	Gear & Pinion Assembly	15	*	1
75-0560	Wheel - Steering	5	6	1	92-1773	Screw - Cap Hex. Hd.	14	14	4
75-0900	Engine	33	18	1	92-1774	Oil Seal	16	2	2
75-4704	Hose	12	35	1	92-2377	Axle Assembly	13	34	1
75-4900	Bearing Set STD	39	3	1	92-5050	Pin - Rear Axle	27	8	1
75-4910	Oil Pan Assembly	38	14	1	92-5053	Frame - Rear	27	5	1
75-4920	Case	38	1	1	92-5061	Support - Cylinder	28	7	1
75-4930	Cylinder Head Assembly	40	28	1	92-5067	Arm - Steering LH	28	13	1
75-4940	Brace - Alternator	48	23	1	92-5070	Arm - Steering RH	28	22	1
75-4950	Gasket - Cylinder Head	40	25	1	92-5072	Rod End Assembly	28	28	1
75-4960	Block Assembly	39	1	1	92-5075	Shaft - Traction Pedal	7	22	1
75-4970	Element	44	8	3	92-5076	Adapter - Filter	17	45	1
75-4980	Lever - Governor Spring	46	7	1	92-5077	Bracket - Footrest	7	27	1
75-4990	Spring - Governor	46	25	1	92-5080	Hose - Hydraulic	28	1	1
75-5000	Body	45	32	3	92-5080	Hose - Hydraulic	20	12	1
75-5010	Bearing Set STD	36	8	3	92-5080	Hose - Hydraulic	5	37	1
75-5020	Injector Pump Assembly	43	41		92-5081	Hose - Hydraulic	28	2	1
75-5040	Gasket Kit	38	*	1	92-5081	Hose - Hydraulic	20	13	1
75-5050	Ring Set STD	36	11	3	92-5081	Hose - Hydraulic	5	46	1
75-5060	Ring Set 0.25 mm OS	36	*	3	92-5082	Hose	17	35	2
75-5070	Ring Set 0.50 mm OS	36	*	3	92-5082	Hose - Hydraulic	20	1	2
75-5080	Piston & Pin Set STD	36	10	3	92-5083	Hose - Hydraulic	20	2	1
75-5090	Piston & Pin Set	36	*	3	92-5083	Hose - Hydraulic	15	41	1
75-5100	Piston & Pin Set	36	*	3	92-5083	Hose - Hydraulic	17	49	1
75-5110	Cover Assy.	36	24	1	92-5084	Driveshaft (Complete)	22	*	1
75-5120	Gasket	37	45	1	92-5085	Union - Filter	17	32	1
75-6880	Spark Arrester Screen	34	*	1	92-5086	Fitting - Hydraulic 90°	17	47	1
76-1000	Cable - Throttle	9	59	1	92-5087	Seal - Filter Adapter	17	33	1
76-3080	Lift Arm Assembly RH	13	*	1	92-5088	Fitting - 45°	15	30	1
76-3090	Lift Arm Assembly LH	13	30	1	92-5090	Stop - Rear Axle	27	12	1
76-4690	Coupling - Axle	27	32	1	92-5092	Pedal - Traction	7	2	1
76-4790	Pad - Rubber	1	11	1	92-5093	Bracket - Pivot	7	7	1
76-4830	Rod - Tie	10	18	1	92-5094	Arm - Traction	7	20	1
76-8750	Plate - Warning	12	12	1	92-5511	Stop - Oscillation	28	20	2
77-0550	Tube - Fill	15	44	1	92-5512	Fitting - Hydraulic Straight	18	52	2
77-2970	Ring & Pinion Assembly	30	*	1	92-5513	Transmission	17	6	1
77-2980	Arm - Knuckle	31	8	2	92-5514	Footrest	7	30	1
82-2310	Radiator Assembly	12	26	1	92-5515	Bracket - Tie Down	25	9	2
82-5730	Rod End	32	15	1	92-5516	Bracket - R.O.P.S. RH	25	*	1
82-5740	Nut - Jam	32	14	1	92-5517	Bracket - R.O.P.S. LH	25	15	1
82-8110	Retainer - Oil Guide	43	44	1	92-5518	Frame - R.O.P.S.	25	6	1
82-8530	Fitting	17	26	1	92-5521	Strap - Tie Down	25	20	2
82-8950	Foam	2	51	2	92-5529	Hydraulic Cylinder Assembly	28	6	1
83-5180	Shim - Axle	28	23	A/R	92-5532	Link	7	29	1
83-5330	Washer - Bearing	29	38	1	92-5534	Shaft - Traction Pedal	7	26	1
83-5340	Nut - Bearing	29	37	1	92-5536	Tube - Traction Control	7	15	1
83-5350	Case - Bearing	29	33	1	92-5536	Tube - Traction Control	17	1	1
83-5360	Seal - Oil	29	36	1	92-5537	Pin - Pedal Pivot	7	8	1
84-1870	Bracket	33	23	1	92-5538	Pad - Traction Pedal Front	7	1	1
84-1880	Fan - Cooling	33	1	1	92-5539	Pad - Traction Pedal Rear	7	3	1
84-1890	Pulley - Fan	33	2	1	92-5540	Tread - Foot RH	1	31	1
84-1910	Muffler	34	3	1	92-5545	Cover - Tower Front	2	36	1
84-1930	Hub - Fan	33	3	1	92-5548	Shield - Pedal Stop	2	53	1
84-1940	Hub	33	7	1	92-5703	Piston	32	11	1
84-1950	Decal - GM 223-D	1	5	2	92-5704	Rod	32	2	1
84-1960	Decal - Service	1	18	1	92-5705	Cap - Threaded	32	1	1
84-7580	Plate - Bushing Support	9	64	1	92-5706	Head - Cap	32	5	1
84-7660	Clamp - Column	5	44	1	92-5707	Seal Repair Kit	32	*	1
84-7670	Foam - Column Support	5	43	2	92-5708	Screw - Set	32	17	1
84-7720	Belt - Fan	33	29	1	92-5709	Housing	19	6	1
84-8600	Brake Shoe Set	16	16	1	92-5716	Center Section	19	39	1

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Part No.	Description	Pg. No.	Ref. No.	Qty.	Part No.	Description	Pg. No.	Ref. No.	Qty.
92-5717	Plug - Pipe	19	40	1	2412-108	Clamp	13	2	4
92-5721	Plate - Link	7	13	1	2412-108	Clamp	9	52	2
92-5750	Pad - Footrest	7	31	1	2412-108	Clamp - Hose	12	7	8
92-5753	Clamp - Hose	2	55	3	2412-108	Clamp - Hose	23	41	4
92-5757	Radiator Support Assembly	12	5	1	2412-108	Hose Clamp	17	34	4
92-5759	Plate - Seat	23	9	1	2412-133	R-Clamp	26	2	2
92-5772	Decal Traction Pedal	2	38	1	251-8	Bearing - Ball	31	6	2
92-5773	Decal - Starting Instructions	24	78	1	251-77	Collar - Locking	8	22	1
92-5774	Decal - Caution	1	17	1	251-253	PTO Shaft Bearing Assembly	8	23	1
92-5784	Tube - Yoke, Slip	22	5	1	251-259	Bearing - Ball	21	23	1
92-6500	Frame Assembly	2	35	1	251-263	Bearing - Ball	31	25	2
92-6501	Tool Box Assembly	1	19	1	251-326	Flange - Bearing	9	66	2
92-6502	Tool Box Cover Assembly	1	14	1	251-335	Bearing	34	33	1
92-6503	Fan Shroud Assembly	12	19	1	251-344	Bearing - Ball	29	4	1
92-6504	Seat Frame Assembly	24	55	1	251-345	Bearing - Ball	29	13	1
936125	Ring - Retaining	17	37	1	251-348	Bearing - Ball	31	3	2
217-106	Wheel	27	19	2	251-349	Bearing - Ball	31	17	2
217-116	Rim - 23 x 10.5 x 12	13	*	1	251-350	Bearing - Ball	29	18	2
217-117	Rim - 23 x 8.5 x 12	13	19	2	253-155	Seal	27	28	2
218-446	Nut - Hex.	3	9	1	254-65	Cone - Bearing	15	33	2
218-447	Washer - Lock	3	8	1	254-66	Cup - Bearing	15	32	2
218-461	Nut - Jam	24	64	1	254-90	Cup - Bearing	14	24	1
218-473	Boot - Switch	3	11	1	254-91	Cone - Bearing	14	25	1
218-497	Nut - Face	3	12	1	254-108	Bearing - Tapered Roller	29	31	1
218-573	Fuse 5.0A	4	8	2	254-109	Bearing - Tapered Roller	29	39	1
218-574	Fuse 7.5A	4	7	1	256-42	Bushing	5	27	4
218-576	Nut - Hex.	3	4	1	256-101	Bushing	13	28	4
219-17	Bulb - Light	4	10	4	256-116	Bushing	7	11	2
231-95	Tire - 23 x 10.5 x 12	13	*	2	256-156	Bushing - Flange	7	10	2
231-101	Tire - 23 x 8.5 x 12	13	18	2	256-219	Bushing	7	19	2
231-122	Tire	27	17	2	256-299	Bushing	34	36	2
232-27	Valve Stem w Cap	13	*	2	281-7	Plug - Pipe, Square Hd.	31	37	2
232-31	Valve Stem w/Cap	13	21	2	281-10	Plug - Socket, Hex.	31	27	2
232-37	Stem - Valve	27	20	2	282-27	Clevis	10	22	1
233-17	Knob	5	8	1	283-16	Pin - Clevis	10	19	1
233-39	Knob	10	5	1	283-49	Pin - Clevis	23	8	2
233-39	Knob	9	54	1	283-58	Pin - Clevis	5	17	4
237-7	O-Ring	24	62	1	283-58	Pin - Clevis	10	23	1
237-21	Seal - O-Ring	28	3	2	283-58	Pin - Clevis	2	44	1
237-22	O-Ring	17	25	1	284-3	Plug - Welch	27	30	1
237-22	O-Ring	10	28	2	285-17	Plug - Pipe	19	28	4
237-22	O-Ring	5	38	2	289-6	Nipple - Pipe	15	45	1
237-22	Seal - O-Ring	10	11	7	2810-1	Coupler	15	46	1
237-30	O-Ring	5	36	2	302-5	Fitting - Grease	27	26	1
237-30	O-Ring	24	58	1	302-5	Fitting - Grease	5	30	2
237-42	O-Ring	17	7	4	302-5	Fitting - Grease	34	32	1
237-65	Seal - O-Ring	10	9	5	302-33	Fitting - Grease 90°	27	9	1
237-78	Seal - O-Ring	28	5	2	302-55	Fitting - Grease	28	17	3
237-78	Seal - O-Ring	18	51	3	302-58	Fitting - Grease	22	4	1
237-79	Seal - O-Ring	17	46	2	302-58	Fitting - Grease	8	30	1
237-136	Grommet	13	12	3	302-59	Plug - Grease	27	3	1
242-34	Stud - Axle Flange	16	9	10	302-62	Fitting - Grease	13	29	2
2411-36	End - Rod	7	18	1	304-46	Drain Cock	12	28	1
2411-45	Rod End	28	16	2	304-46	Fitting - Drain	13	37	1
2412-4	R-Clamp	17	40	1	304-99	Fitting - Hydraulic 90°	10	27	2
2412-34	Clamp - Hose	12	17	4	321-3	Screw - Cap Hex. Hd.	1	4	7
2412-34	Clamp - Hose	15	42	2	321-3	Screw - Cap Hex. Hd.	34	14	2
2412-34	Clamp - Hose	17	48	1	321-3	Screw - Cap Hex. Hd.	5	21	1
2412-36	Clamp	5	34	2	321-3	Screw - Cap Hex. Hd.	33	37	4
2412-36	Clamp	13	38	1	321-4	Screw - Cap Hex. Hd.	8	9	4
2412-36	Clamp - Hose	10	13	3	321-4	Screw - Cap Hex. Hd.	23	12	4
2412-42	Clamp - Hose	23	22	1	321-4	Screw - Cap Hex. Hd.	12	16	4
2412-74	R-Clamp	24	52	1	321-4	Screw - Cap Hex. Hd.	21	21	2
2412-92	Clamp - Hose	24	73	1	321-4	Screw - Cap Hex. Hd.	33	35	1
2412-96	R-Clamp	13	9	1	321-4	Screw - Cap Hex. Hd.	10	38	2
2412-103	Clamp - R	12	22	2	321-4	Screw - Cap Hex. Hd.	2	54	2
2412-104	R-Clamp	9	73	2	321-5	Screw - Cap Hex. Hd.	13	16	3
2412-107	R-Clamp	24	71	1	321-6	Screw - Cap Hex. Hd.	24	69	1

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Part No.	Description	Pg. No.	Ref. No.	Qty.	Part No.	Description	Pg. No.	Ref. No.	Qty.
321-8	Screw - Cap Hex. Hd.	23	38	2	3230-2	Bolt - Carriage	7	25	2
321-9	Screw - Cap Hex. Hd.	21	3	2	3230-2	Bolt - Carriage	9	67	2
321-11	Screw - Cap Hex. Hd.	10	16	2	3230-2	Carriage - Bolt	21	12	2
322-2	Screw - Cap Hex. Hd.	26	3	2	3230-4	Bolt - Carriage	34	35	2
322-3	Screw - Cap Hex. Hd.	8	37	1	3230-23	Bolt - Carriage	33	9	2
322-3	Screw - Cap Hex. Hd.	24	72	4	3230-23	Bolt - Carriage	1	28	4
322-4	Screw	33	6	2	3234-5	Screw - Flange Hd.	12	8	8
322-5	Screw - Cap Hex. Hd.	5	4	2	3234-13	Screw - Flange Hd.	1	24	8
322-5	Screw - Cap Hex. Hd.	13	8	1	3234-13	Screw - Flange Hd.	9	74	1
322-5	Screw - Cap Hex. Hd.	23	32	5	3234-13	Screw - Flange Hd.	13	22	2
322-5	Screw - Cap Hex. Hd.	8	39	15	3234-14	Screw - Flange Hd.	1	21	8
322-5	Screw - Cap Hex. Hd.	2	56	3	3234-17	Screw - Flange Hd.	12	4	2
322-5	Screw ° Cap Hex. Hd.	34	7	1	3234-17	Screw - Flange Hd.	23	15	2
322-6	Screw - Cap Hex. Hd.	34	50	1	3234-25	Screw - Flange	27	4	4
322-7	Nut - Jam	18	50	1	3241-6	Screw - Set	17	13	2
322-8	Screw - Cap Hex. Hd.	27	35	2	3246-1	Screw - Set	8	21	1
322-9	Screw - Cap Hex. Hd.	8	34	4	3249-11	Screw - Round Hd.	21	8	2
322-11	Screw - Cap Hex. Hd.	33	21	1	3250-39	Screw - Pan Head	34	18	2
322-13	Screw - Cap Hex. Hd.	23	5	4	3253-3	Washer - Lock	10	8	2
322-14	Screw - Cap Hex. Hd.	25	14	2	3253-3	Washer - Lock	22	8	6
322-14	Screw - Cap Hex. Hd.	24	79	2	3253-3	Washer - Lock	8	10	4
322-17	Screw - Cap Hex. Hd.	21	18	1	3253-3	Washer - Lock	23	13	2
323-6	Screw - Cap Hex. Hd.	33	25	1	3253-3	Washer - Lock	13	15	5
323-8	Screw - Cap Hex. Hd.	33	26	1	3253-3	Washer - Lock	27	33	6
323-8	Screw - Cap Hex. Hd.	19	29	2	3253-3	Washer - Lock	33	36	5
323-9	Screw - Cap Hex. Hd.	8	3	2	3253-4	Washer - Lock	25	13	2
323-9	Screw - Cap Hex. Hd.	7	17	1	3253-4	Washer - Lock	34	49	1
323-9	Screw - Cap Hex. Hd.	28	18	2	3253-4	Washer - Lock	9	76	4
323-10	Screw - Cap Hex. Hd.	8	27	2	3253-4	Washer - Lock	24	80	2
323-10	Screw - Cap Hex. Hd.	19	43	4	3253-6	Washer - Lock	25	3	2
323-11	Screw - Cap Hex. Hd.	8	41	3	3253-7	Washer - Lock	25	16	6
323-18	Screw - Cap Hex. Hd.	8	14	1	3253-8	Washer - Lock	13	13	4
323-34	Screw - Cap Hex. Hd.	34	43	1	3253-15	Washer - Lock	13	5	5
323-39	Screw - Cap Hex. Hd.	21	14	2	3253-21	Washer - Lock	21	13	2
323-39	Screw - Cap Hex. Hd.	17	28	3	3253-21	Washer - Lock	8	15	3
324-4	Screw - Cap Hex. Hd.	25	10	4	3253-21	Washer - Lock	17	31	4
324-5	Screw - Cap Hex. Hd.	13	27	4	3254-2	Washer - Lock ITLW	33	48	1
324-23	Screw - Cap Hex. Hd.	19	35	2	3254-9	Washer - Lock I.T.L.W.	21	10	2
325-5	Screw - Cap Hex. Hd.	25	7	4	3255-8	Washer - Lock	14	3	8
325-5	Screw - Cap Hex. Hd.	27	7	2	3255-8	Washer - Lock	1	12	4
325-9	Screw - Cap Hex. Hd.	25	17	4	3255-8	Washer - Lock ETLW	8	46	1
325-14	Screw - Cap Hex. Hd.	25	5	2	3255-8	Washer - Lock, Ext. Tooth	23	39	1
325-23	Screw - Cap Hex. Hd.	27	11	1	3256-22	Washer - Flat	10	7	2
3210-5	Screw - Cap Hex. Hd.	17	12	4	3256-22	Washer - Flat	12	15	4
3210-7	Screw - Cap Hex. Hd.	21	4	1	3256-22	Washer - Flat	23	18	9
3210-7	Screw - Cap Hex. Hd.	14	23	8	3256-22	Washer - Flat	3	21	4
3210-7	Screw - Cap Hex. Hd.	28	29	1	3256-22	Washer - Flat	5	35	3
3210-8	Screw - Cap Hex. Hd.	17	24	2	3256-23	Washer - Flat	10	1	1
3212-4	Screw - Cap Hex. Hd.	25	4	2	3256-23	Washer - Flat	5	1	4
3212-5	Screw	34	25	1	3256-23	Washer - Flat	23	3	6
3215-3	Screw	28	19	2	3256-23	Washer - Flat	26	4	2
3215-3	Screw - Cap Hex. Hd.	28	24	4	3256-23	Washer - Flat	25	12	2
3216-3	Screw - Cap Hex. Hd.	10	32	2	3256-23	Washer - Flat	21	19	2
3217-5	Nut - Hex.	33	47	1	3256-23	Washer - Flat	34	19	4
3217-9	Nut - Lock	25	18	4	3256-23	Washer - Flat	33	20	1
3217-16	Nut - Hex.	21	11	2	3256-23	Washer - Flat	5	42	2
3218-3	Nut - Jam	17	42	2	3256-24	Washer - Flat	8	4	4
3219-2	Nut	14	2	8	3256-24	Washer - Flat	23	7	1
3219-2	Nut - Hex.	21	6	1	3256-24	Washer - Flat	7	12	5
3219-6	Nut - Hex.	13	32	4	3256-24	Washer - Flat	34	22	2
3220-2	Nut - Jam	34	21	1	3256-24	Washer - Flat	33	27	1
3220-2	Nut - Jam RH	10	21	1	3256-24	Washer - Flat	17	44	1
3220-3	Nut - Jam	7	16	1	3256-25	Washer - Flat	25	2	2
3220-5	Nut - Jam	28	25	1	3256-25	Washer - Flat	13	26	4
3220-6	Nut	6	27	1	3256-26	Washer - Flat	10	2	2
3220-6	Nut - Hex.	5	5	1	3256-26	Washer - Flat	17	2	1
3220-11	Nut - Jam	28	8	4	3256-26	Washer - Flat	25	8	6
3230-2	Bolt - Carriage	33	13	1	3256-26	Washer - Flat	5	14	1

*Not Illustrated

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3256-27	Washer - Flat	23	45 1	3296-42	Nut - Lock	10	34 2
3256-67	Washer - Flat	13	14 3	3296-45	Nut - Lock	27	13 1
3256-69	Washer - Flat	5	45 A/R	3296-48	Nut - Lock	13	17 4
3256-69	Washer - Flat	24	77 1	3296-48	Nut - Lock	25	19 4
3256-71	Washer - Flat	17	21 2	3296-51	Nut - Lock	27	15 1
3257-5	Key - Woodruff	19	11 2	3296-59	Nut - Lock	34	23 1
3257-5	Key - Woodruff	8	19 1	32105-1	Screw	3	17 1
3257-5	Key - Woodruff	17	11 1	32105-8	Screw	33	45 2
3258-19	Screw - Cap Hex. Hd.	23	30 2	32105-13	Screw - Cap Hex. Hd.	23	2 4
3269-10	Washer - Flat	12	29 7	32107-11	Nut - Square	23	28 2
3269-13	Rivet	12	31 7	32120-10	Ring - Retaining	33	4 1
3272-4	Pin - Cotter	24	75 2	32121-6	Pin - Roll	7	4 1
3272-5	Pin - Cotter	5	13 3	32121-6	Pin - Roll	23	46 1
3272-5	Pin - Cotter	10	20 1	32121-15	Pin - Roll	15	34 1
3272-6	Pin - Cotter	7	14 4	32121-32	Pin - Roll	34	39 1
3272-10	Pin - Cotter	17	4 1	32121-34	Pin - Roll	27	29 1
3272-10	Pin - Cotter	7	9 4	32121-34	Pin - Roll	8	33 1
3272-10	Pin - Cotter	5	18 5	32121-44	Pin - Roll	32	16 1
3272-10	Pin - Cotter	2	46 1	32121-50	Pin - Roll	5	24 1
3272-11	Pin - Cotter	23	6 2	32121-91	Pin	19	14 3
3272-11	Pin - Cotter	28	11 2	32122-24	Screw - Machine	13	4 5
3272-15	Pin - Cotter	8	7 1	32128-20	Nut - Flange	33	8 3
3272-17	Pin - Cotter	31	31 2	32128-20	Nut - Flange	1	25 4
3272-17	Pin - Cotter	13	33 2	32128-20	Nut - Flange	23	26 9
3272-23	Pin - Cotter	10	29 4	32128-20	Nut - Flange	9	72 5
3272-31	Pin - Cotter	10	39 1	32128-20	Nut - Lock	12	3 6
3273-38	Screw - Hex Socket Hd.	13	35 4	32128-20	Nut - Lock	13	10 1
3274-32	Screw - Hex. Hd. Socket	1	13 4	32128-23	Nut - Flange Lock	25	11 4
3274-64	Screw - Cap Hex. Hd.	27	34 6	32128-25	Nut - Flange Lock	7	28 2
3274-64	Screw - Cap, Soc. Hd.	22	7 6	32128-25	Nut - Flange Lock	2	57 3
3274-64	Screw - Socket Hd.	3	2 4	32128-33	Nut - Flange	1	6 13
3290-55	Rivet	12	13 2	32128-33	Nut - Hex. Flange	24	76 2
3290-255	Pin - Hair, Cotter	23	11 1	32128-49	Nut - Flange	7	23 2
3290-271	Rivet	2	48 4	32128-56	Nut - Flange	7	24 2
3290-359	Screw - Machine	1	9 4	32136-13	Nut - Slotted	28	12 2
3290-378	Tie - Cable	24	61 1	32144-1	Screw - Hex. Hd.	3	20 2
3290-378	Tie - Cable	9	75 1	32144-14	Screw - Cap Hex. Hd.	27	10 1
3296-4	Nut - Lock	28	26 1	32144-21	Screw - Pan Hd. Phillips	5	41 1
3296-6	Nut - Lock	35	9 3	32149-1	Nut - Keps	34	31 2
3296-9	Nut - Lock	34	15 2	32149-1	Nut - Lock	9	65 2
3296-12	Nut - Hex.	2	49 4	32149-7	Nut - Keps	33	46 2
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3296-12	Nut - Lock	23	49 4	32151-83	Snap Ring	34	47 2
3296-15	Nut - Lock	10	24 2	32151-87	Ring - Retaining	27	23 1
3296-20	Nut - Lock	5	2 4	32152-5	Nut - Lock	17	14 6
3296-25	Nut - Lock	27	6 2	340-2	Fitting - Hydraulic Straight	10	10 1
3296-29	Nut - Lock	34	9 2	340-70	Nut - Fitting	10	35 1
3296-29	Nut - Lock	5	10 2	340-71	Fitting - Hydraulic Bulkhead	10	36 1
3296-29	Nut - Lock	33	12 3	340-77	Fitting - Hydraulic 90°	10	* 1
3296-29	Nut - Lock	21	20 3	340-77	Fitting - Hydraulic 90°	10	17 2
3296-29	Nut - Lock	8	25 12	340-86	Fitting - Hydraulic Tee	10	26 1
3296-29	Nut - Lock	27	31 2	340-132	Fitting - Hydraulic 90°	28	4 2
3296-29	Nut - Lock	10	40 1	353-508	Plug Assembly	11	14 1
3296-39	Nut - Lock	28	14 2	353-781	Fitting 90°	8	11 1
3296-39	Nut - Lock	7	21 1	353-783	Fitting - Straight	8	44 1
3296-39	Nut - Lock	33	22 2	353-979	Hose Barb	17	8 1
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3296-42	Nut - Lock	12	11 4	354-22	Fitting - Fuel	12	33 2
3296-42	Nut - Lock	34	11 2	354-71	Pipe Nipple	15	43 1
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*Not Illustrated

PRODUCT CHANGES

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

IDENTIFICATION AND ORDERING

MODEL AND SERIAL NUMBERS

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

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

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

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

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