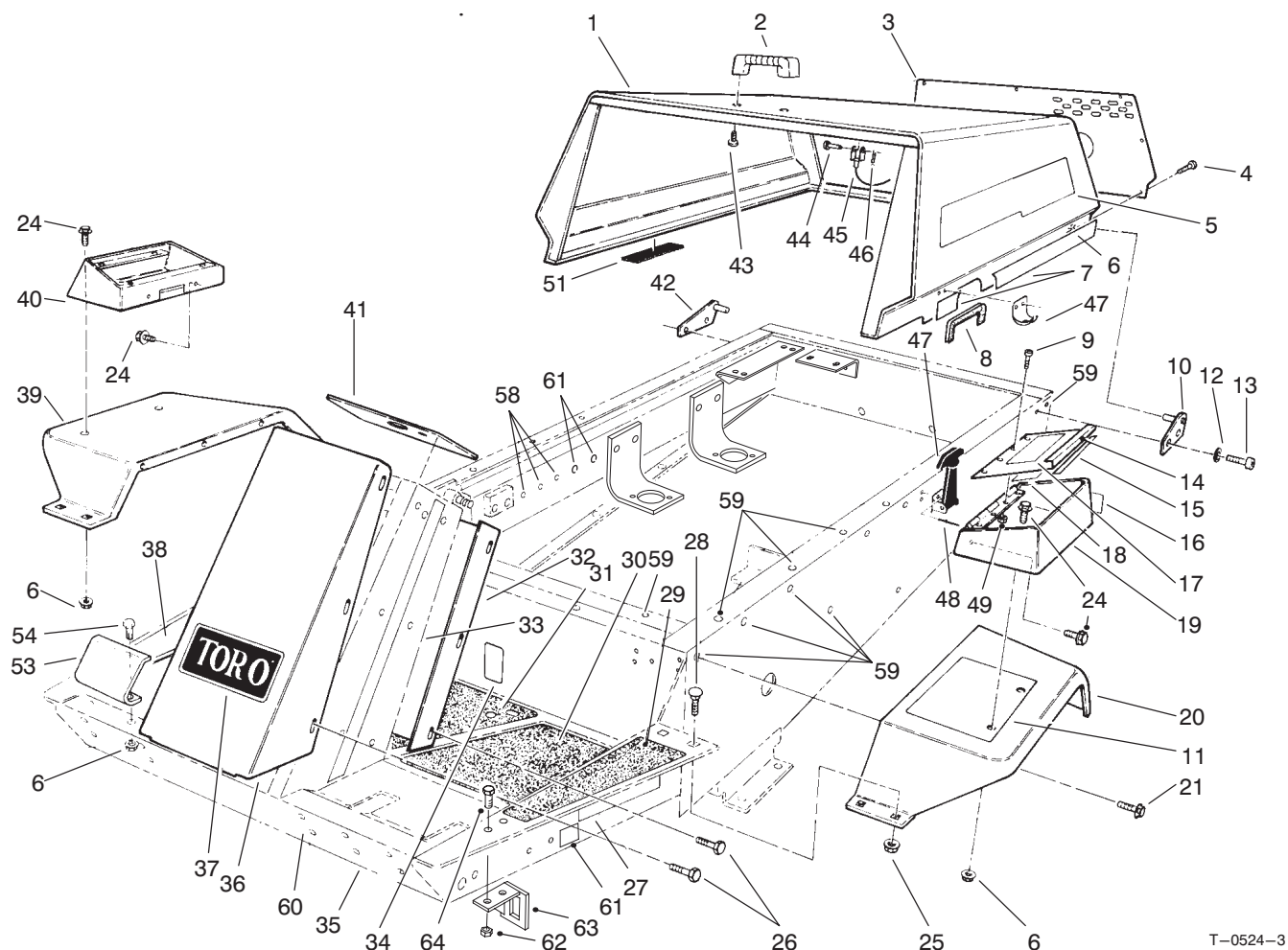


TORO®

MODEL NO. 30223-60001 & UP
MODEL NO. 30223TE-60001 & UP

PARTS CATALOG

GROUNDMASTER® 223-D TRACTION UNIT



T-0524-3

BODY ASSEMBLY

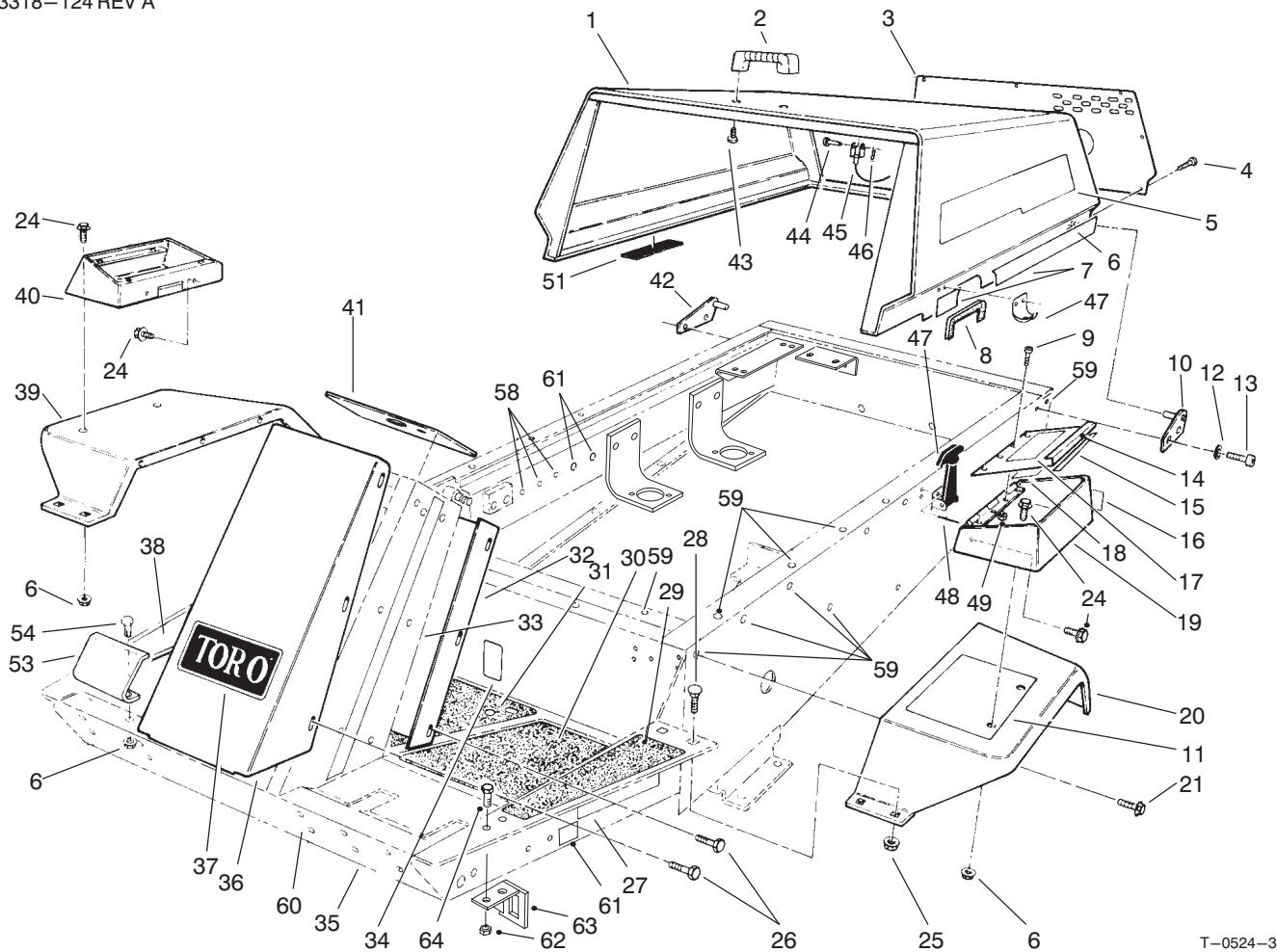
Ref. No.	Part No.	Description	No. Used
1	14-7149	Assembly - Hood	1
2	65-5100	Handle - Hood	1
3	63-7030	Screen - Hood	1
4	321-3	Screw - Cap Hex. Hd.	7
5	93-3186	Decal - GM 223-D	2
6	32128-33	Nut - Flange	13
7	93-3193	Decal - Hood L.H.	1
*	93-3192	Decal - Hood R.H.	1
8	66-8110	Trim - Hood	1
9	3290-359	Screw - Machine	4
10	63-6900	Plate Hinge L.H.	1
11	76-4790	Pad - Rubber	1
12	3255-8	Washer - Lock	4
13	3274-32	Screw - Hex. Hd. Socket	4
14	66-3040	Cover - Tool Box	1
15	66-3050	Strip - Magnetic	1
16	27-7310	Decal - Refueling	1

Ref. No.	Part No.	Description	No. Used
16	93-7822	Decal - Refueling (Europe)	1
17	92-8797	Decal - Caution	1
17	93-7805	Decal - Warning (Europe)	1
18	84-1960	Decal - Service	1
19	92-6501	Assembly - Tool Box (Incl. Ref. #16)	1
20	63-7310	Fender L.H.	1
21	3234-14	Screw - Flange Hd.	8
24	3234-13	Screw - Flange Hd.	8
25	32128-20	Nut - Flange	4
26	46-6810	Screw - Cap Hex. Hd.	13
27	67-1720	Decal - Caution	2
27	93-7830	Decal - Torque (Europe)	1
28	3230-23	Bolt - Carriage	4
29	66-3200	Tread - Foot Rest L.H.	1
30	66-3210	Tread - Foot L.H.	1
31	92-5540	Tread - Foot R.H.	1

*Not Illustrated

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TPS

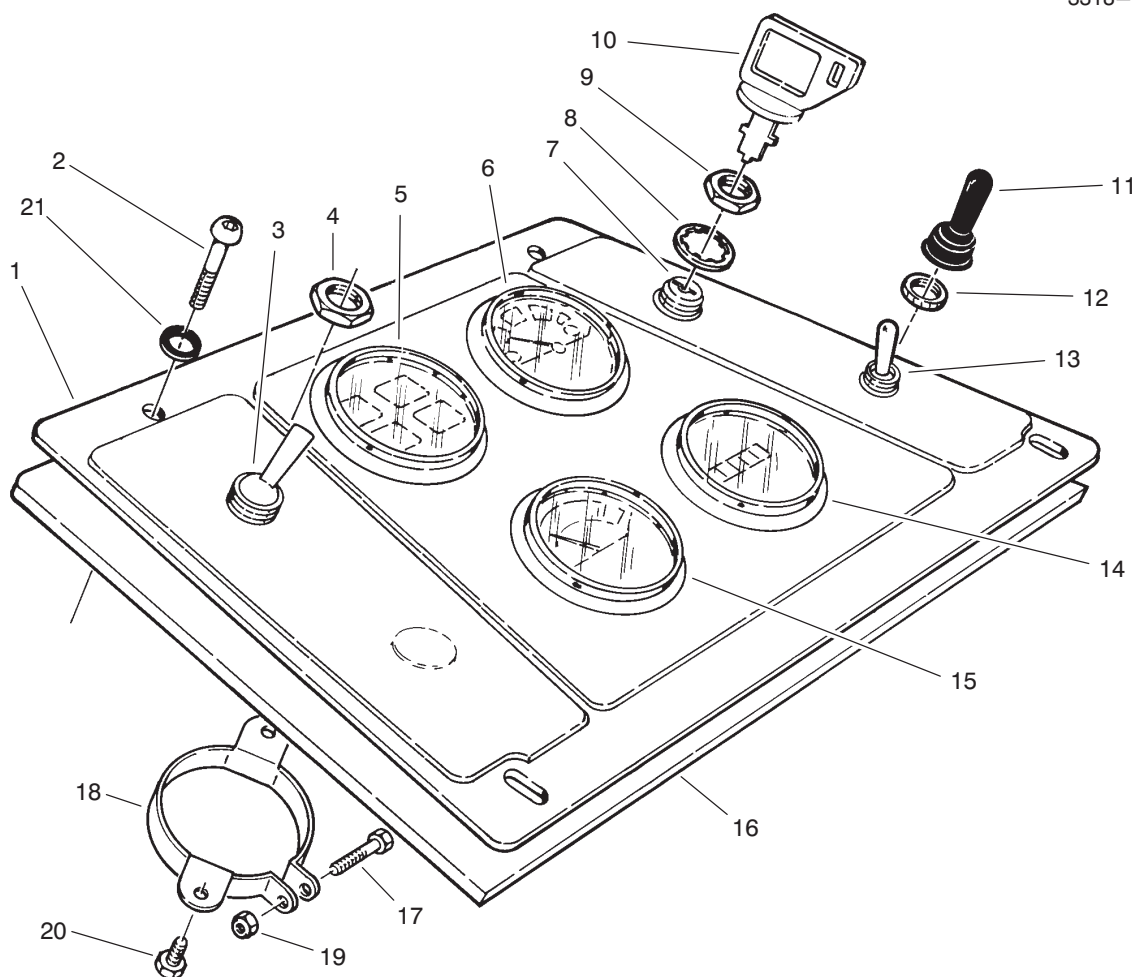


BODY ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
32	63-7320	Cover – Tower Rear	1
33	66-8760	Decal – Tower L.H.	1
*	66-8770	Decal – Tower R.H.	1
34	53-4430	Decal – Oil	1
34	93-7823	Decal – Oil (Europe)	1
35	92-6500	Assembly – Frame (Incl. Ref. #27, 29-31, 34, 38 & 58-60)	1
36	92-5545	Cover – Tower Front	1
37	62-5550	Decal – TORO	1
38	92-5772	Decal Traction Pedal	1
38	93-7834	Decal – Traction Pedal (Europe)	1
39	63-7300	Fender – R.H.	1
40	63-8050	Box – Control	1
41	66-2470	Plate – Tower	1
42	63-6890	Plate – Hinge R.H.	1
43	46-8091	Screw – Cap Hex. Hd.	2
44	283-58	Pin – Clevis	1

Ref. No.	Part No.	Description	No. Used
45	66-2870	Cable – Hood Stop	1
46	3272-10	Pin – Cotter	1
47	59-9740	Assy. – Latch, Flex. Draw	1
48	3290-271	Rivet	4
49	3296-12	Nut – Hex.	4
51	82-8950	Foam	2
53	92-5548	Shield – Pedal Stop	1
54	321-4	Screw – Cap Hex. Hd.	2
58	32148-9	Nut – Clinch	3
59	32148-7	Nut – Clinch	22
60	32148-10	Nut – Clinch	10
61	93-7252	Decal – CE (Europe)	1
62	32153-2	Nut – Lock (Europe)	4
63	93-8474	Bracket – Latch, LH (Europe)	1
*	93-8473	Bracket – Latch, RH (Europe)	1
64	323-6	Screw – Cap Hex. Hd. (Europe)	4

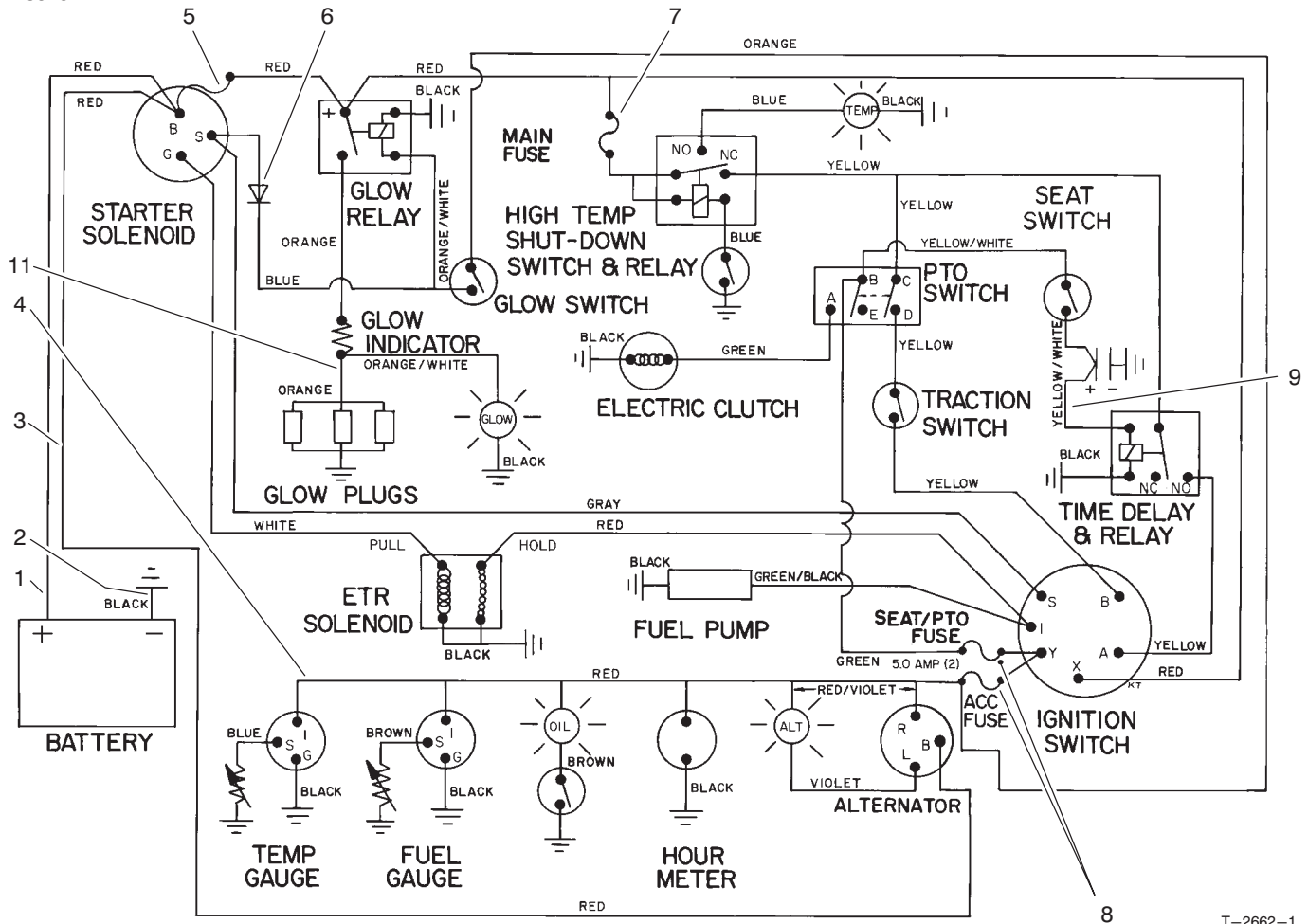
*Not Illustrated



T-0525-1

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
1	93-7835	Panel - Control (Europe)	1	12	218-497	Nut - Face	1
2	3274-65	Screw - Socket Button Hd.	4	13	6-1659	Switch - Glow Plugs (Incl. Ref. #11 & 12)	1
3	85-4980	Switch - PTO (Incl. Ref. #4)	1	14	66-2950	Meter - Hour	1
4	218-576	Nut - Hex.	1	15	63-7430	Gage - Temperature	1
5	66-2960	Cluster - Warning Light	1	16	85-7560	Plate - Control Panel	1
6	66-2940	Gage - Fuel	1	17	32105-1	Screw	1
7	27-2360	Switch - Ignition (Incl. Ref. #8-10)	1	18	69-4780	Clamp - Gauge	1
8	218-447	Washer - Lock	1	19	3296-2	Nut - Lock	1
9	218-446	Nut - Hex.	1	20	32144-1	Screw - Hex. Hd.	2
10	63-8360	Key - Ignition	1	21	3256-1	Washer - Flat	4

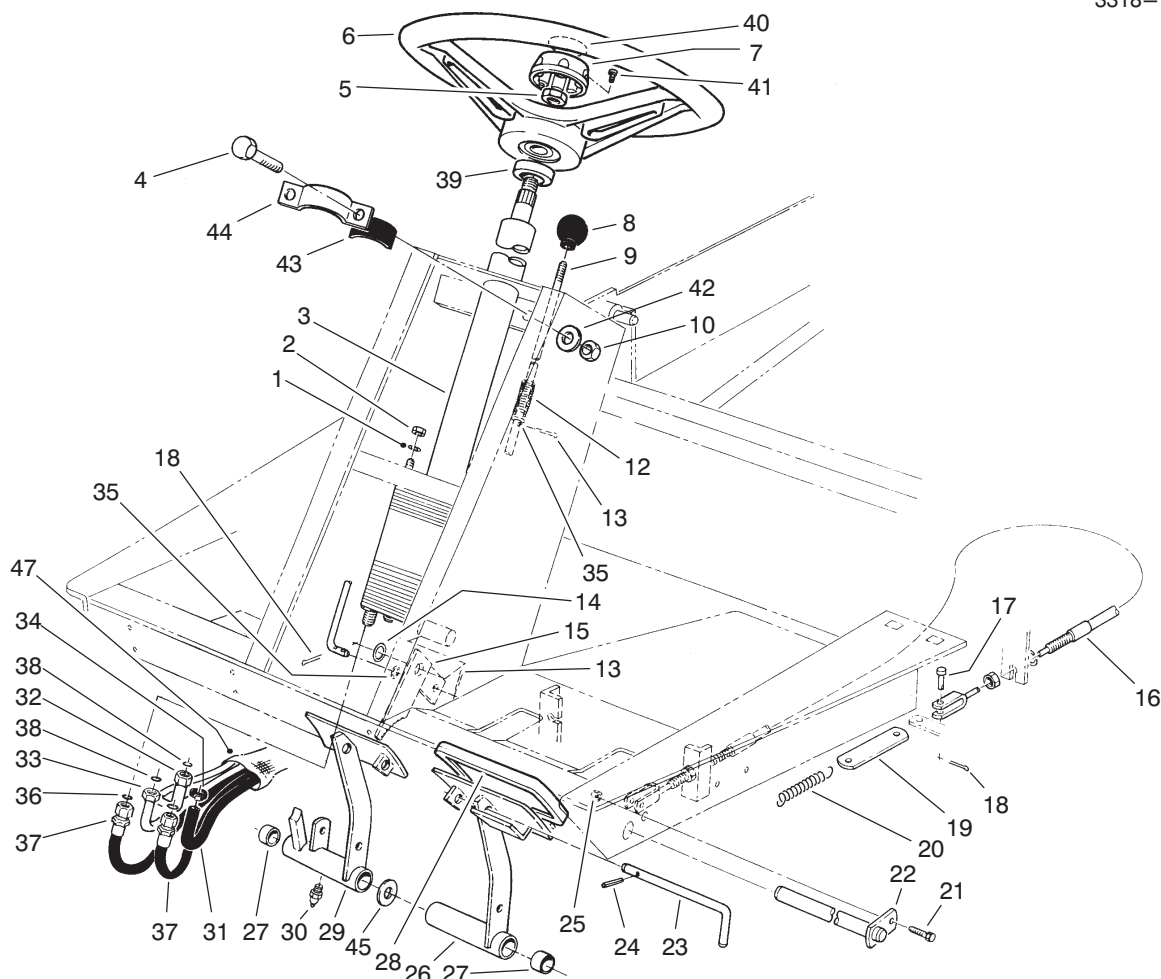


ELECTRICAL SCHEMATIC

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

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

*Not Illustrated

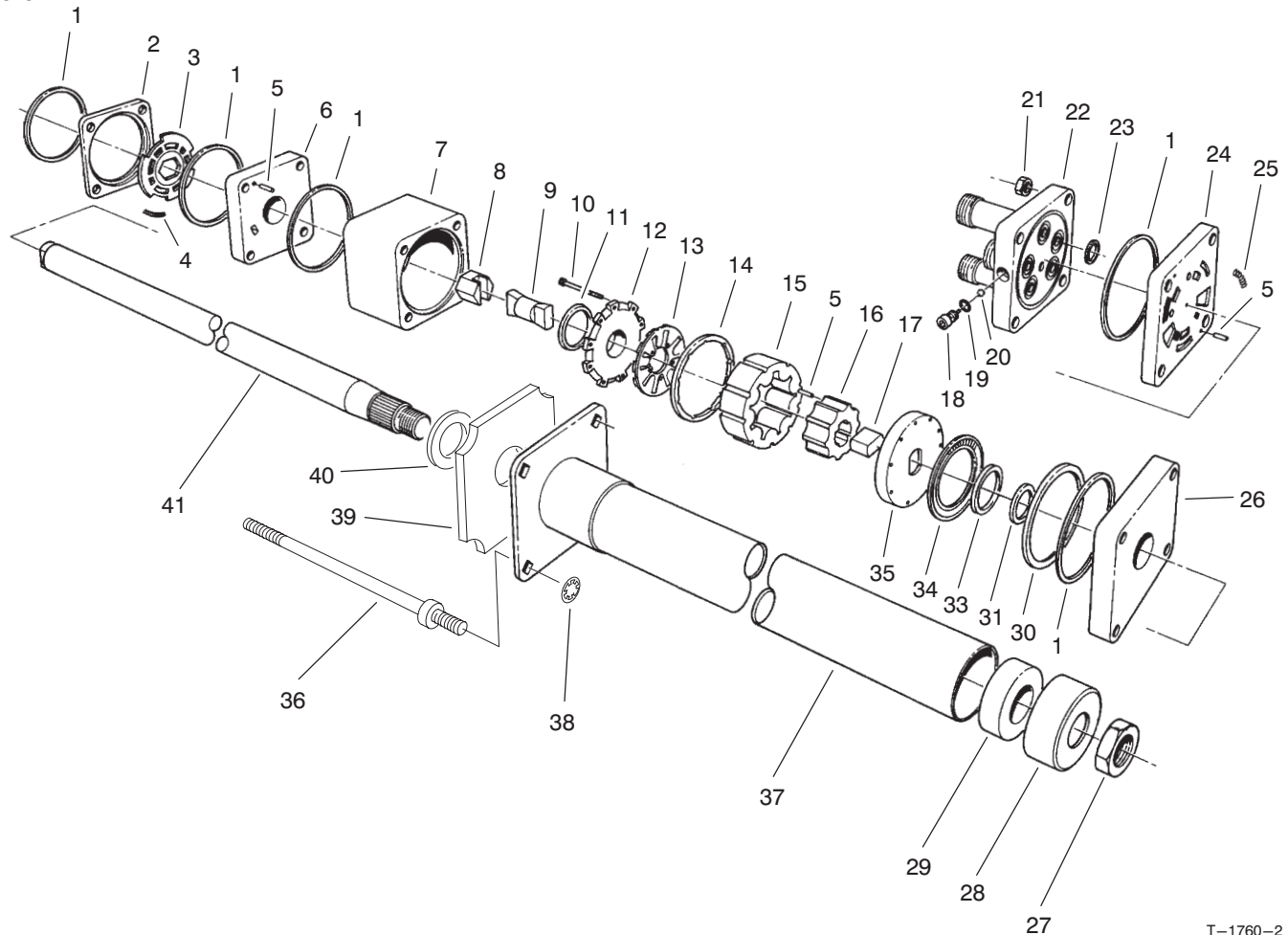


T-1247-2

POWER STEERING & BRAKE PEDAL ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	3256-23	Washer - Flat	4	24	32121-50	Pin - Roll	1
2	3296-20	Nut - Lock	4	25	3296-42	Nut - Lock	1
3	92-7308	Valve - Power Steering (Incl. Ref. #7)	1	26	63-6180	Pedal - L.H. Brake (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	28	93-8742	Foot Pad - Brake (Europe)	2
7	68-5140	Cap - Steering Wheel (Incl. Ref. #41)	1	29	63-6190	Pedal - R.H. Brake (Incl. Ref. #27 & 30)	1
8	233-17	Knob	1	30	302-5	Fitting - Grease	2
9	63-7910	Rod - Brake Latch	1	31	66-8140	Hose	1
10	3296-29	Nut - Lock	2	32	66-8630	Tube - Hydraulic (Str.-Lift)	1
12	95-1821	Spring	1	33	66-8620	Tube Hydraulic (Pump-Str.)	1
13	3272-5	Pin - Cotter	3	34	2412-36	Clamp	2
14	3256-26	Washer - Flat	1	35	3256-22	Washer - Flat	3
15	63-7900	Rack - Brake	1	36	237-30	O-Ring	2
16	63-7730	Assy. - Cable, Brake R.H.	1	37	66-8170	Hose - Hydraulic	2
*	63-7731	Assy. - Cable, Brake L.H.	1	38	237-22	O-Ring	2
17	283-58	Pin - Clevis	4	39	21-9260	Cover - Dust	1
18	3272-10	Pin - Cotter	5	40	68-5370	Decal - Toro	1
19	63-6750	Link - Brake Cable	2	41	32144-21	Screw - Pan Hd. Phillips	1
20	3-7243	Spring - Return	2	42	3256-23	Washer - Flat	2
21	321-3	Screw - Cap Hex. Hd.	1	43	84-7670	Foam - Column Support	2
22	63-6210	Pin - Brake	1	44	84-7660	Clamp - Column	1
23	63-7880	Pin - Brake Latch	1	45	3256-69	Washer - Flat	A/R
				47	44-8530	Sock - Hose	1

*Not Illustrated



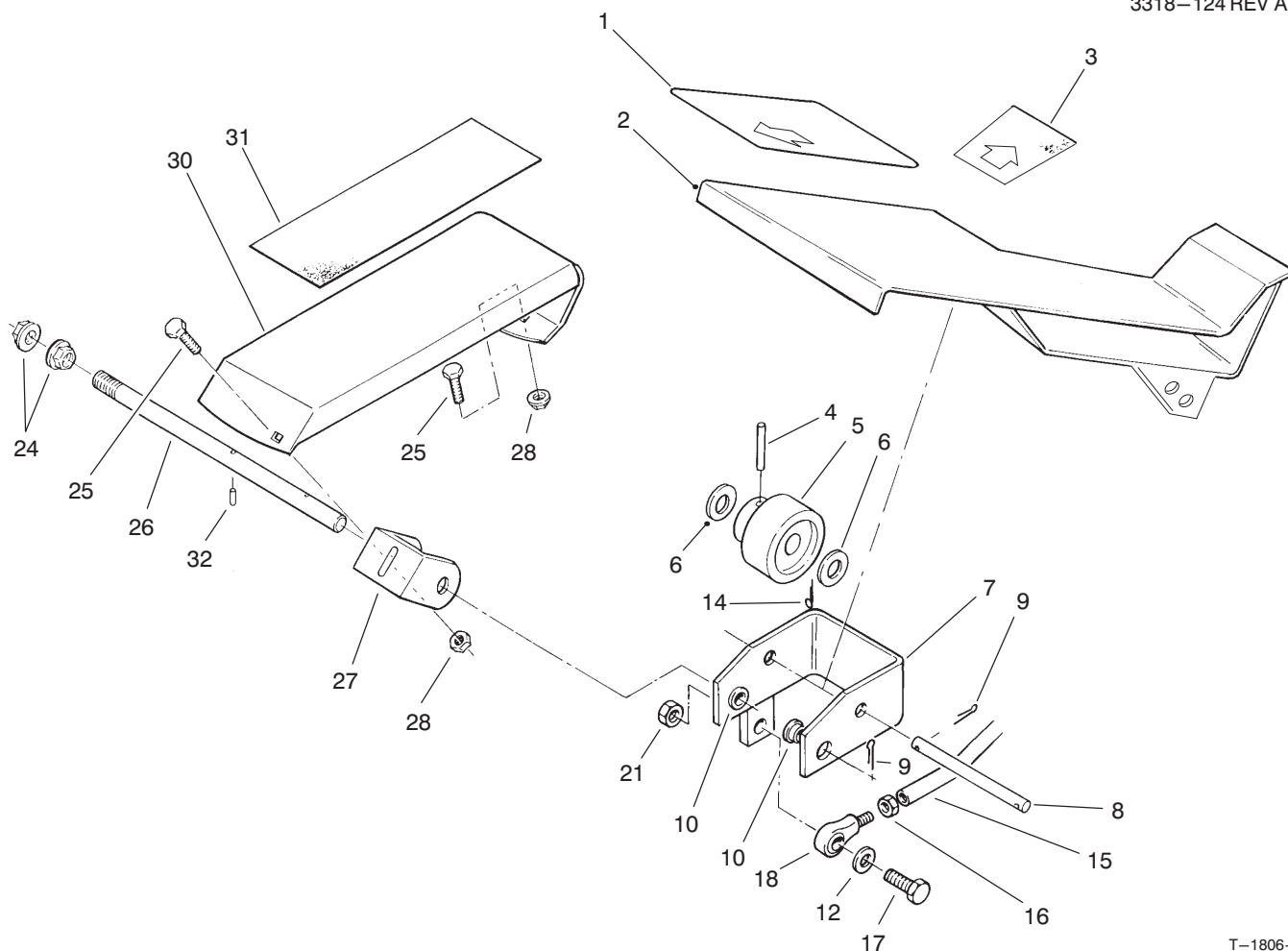
T-1760-2

STEERING VALVE ASSEMBLY NO. 92-7308

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

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

*Not Illustrated

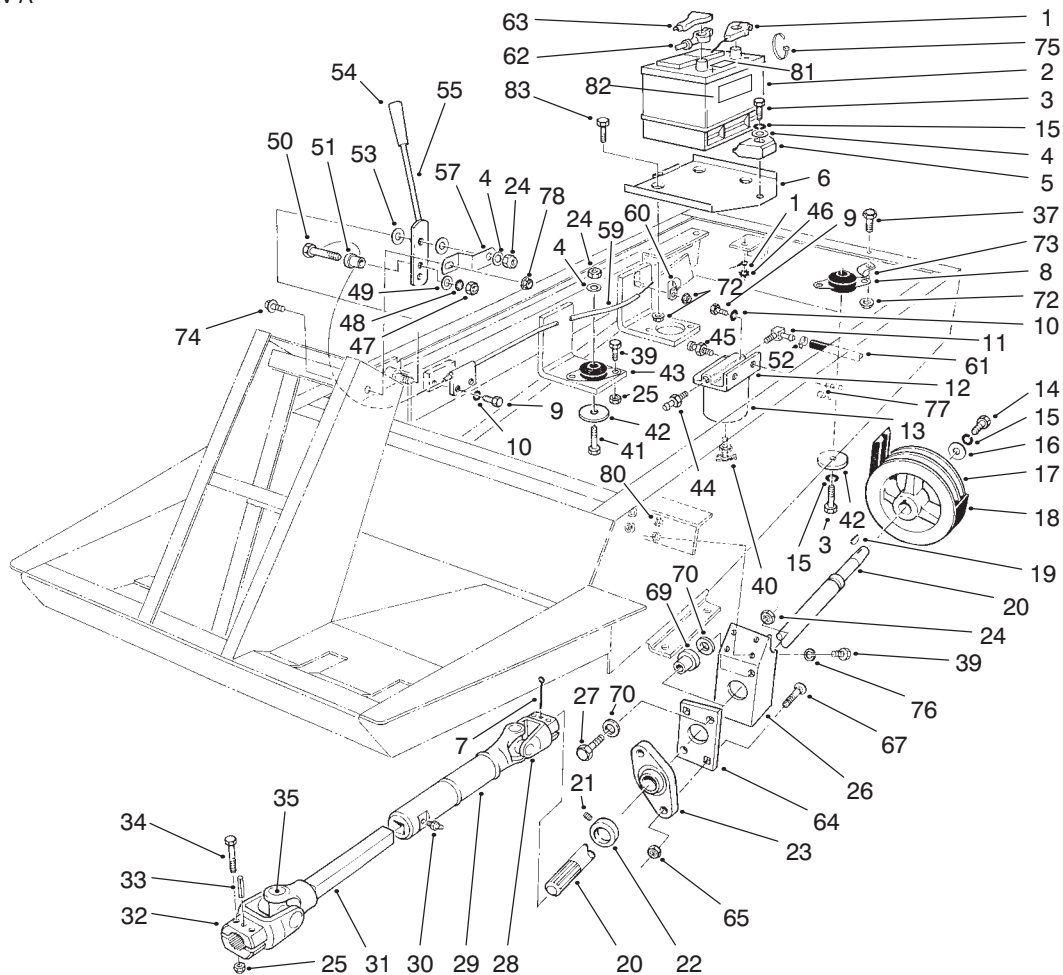


T-1806-1

TRACTION PEDAL ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	94-3307	Pad - Traction Pedal Front	1
2	94-3591	Pedal - Traction	1
3	94-3308	Pad - Traction Pedal Rear	1
4	32121-6	Pin - Roll	1
5	28-5220	Wheel - Friction	1
6	5-7570	Washer	2
7	92-8854	Bracket - Pivot	1
8	92-5537	Pin - Pedal Pivot	1
9	3272-10	Pin - Cotter	2
10	256-156	Bushing - Flange	2
12	3256-24	Washer - Flat	1
14	3272-6	Pin - Cotter	1
15	63-6410	Rod - Pump Control	1

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

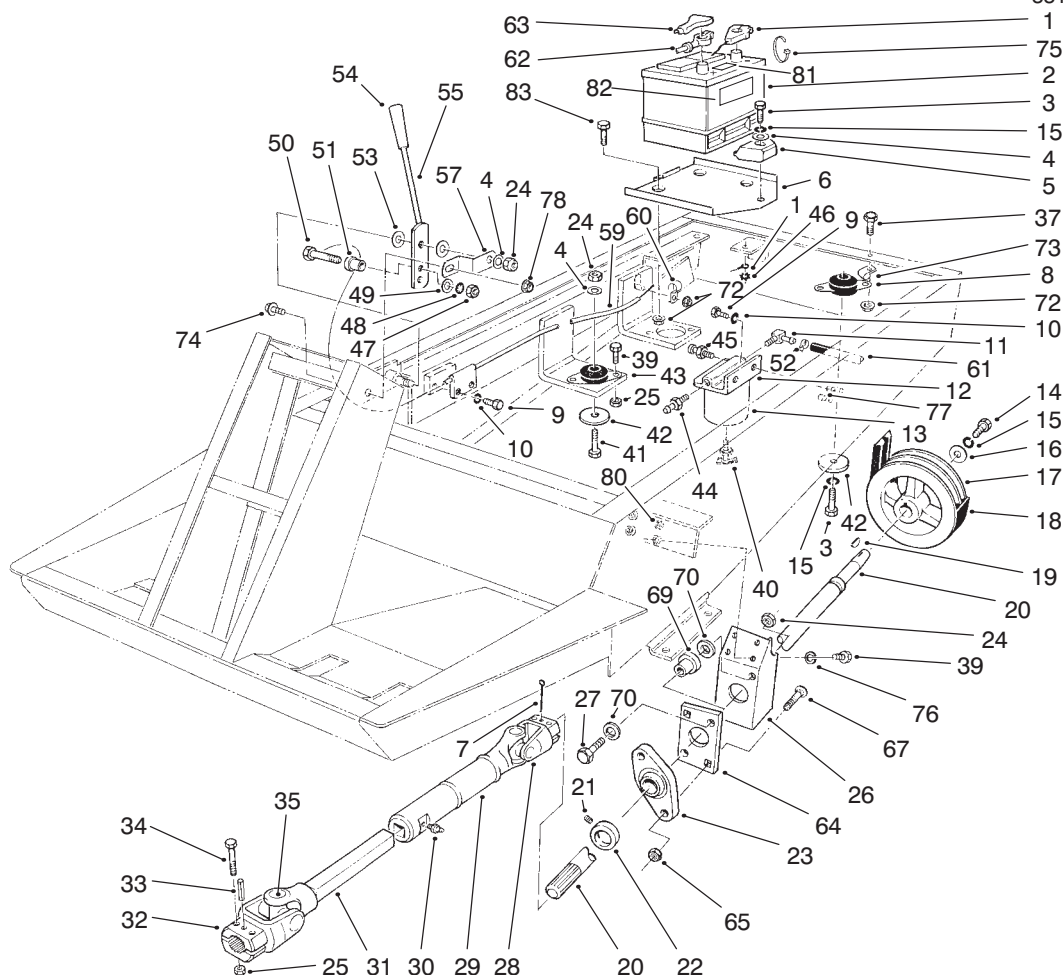


T-0530-3

POWER TAKE OFF, BATTERY, AND ENGINE MOUNT ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	63-7340	Wire - Ground	1	25	3296-29	Nut - Lock	12
†2		Battery		26	92-8751	Bracket - PTO Bearing	1
3	323-9	Screw - Cap Hex. Hd.	2	27	323-10	Screw - Cap Hex. Hd.	2
4	3256-24	Washer - Flat	4	28	54-9090	Yoke - End	1
5	66-2490	Clamp - Battery Retainer	1	29	54-9170	Tube - Slip Yoke	1
6	66-2330	Base - Battery	1	30	302-58	Fitting - Grease	1
7	3272-15	Pin - Cotter	1	31	54-9050	Shaft - Slip Yoke	1
8	63-7141	Mount - Shock (Red)	1	32	54-9040	Yoke - End	1
9	321-4	Screw - Cap Hex. Hd.	4	33	32121-34	Pin - Roll	1
10	3253-3	Washer - Lock	4	34	322-9	Screw - Cap Hex. Hd.	4
11	353-781	Fitting 90°	1	35	54-9180	Kit - Universal Joint	2
12	63-8280	Assembly - Head	1	37	322-3	Screw - Cap Hex. Hd.	1
13	63-8300	Element - Spin-On	1	39	322-5	Screw - Cap Hex. Hd.	12
14	323-18	Screw - Cap Hex. Hd.	1	40	63-8310	Valve - Drain	1
15	3253-21	Washer - Lock	3	41	323-11	Screw - Cap Hex. Hd.	3
16	29-4730	Washer - PTO	1	42	63-7400	Washer - Rebound	4
17	43-5320	Pulley - PTO	1	43	63-7142	Mount - Shock (Yellow)	3
18	63-6240	Belt - PTO	1	44	353-783	Fitting - Straight	1
19	3257-5	Key - Woodruff	1	45	63-8290	Vent - Air	1
20	92-8855	Shaft - PTO	1	46	3255-8	Washer - Lock	1
21	3245-35	Screw - Set	1	47		Nut - Hex.	1
22	251-77	Collar - Locking	1	48		Washer - Lock I.T.L.W.	1
23	92-8799	Bearing - PTO Shaft (Incl. Ref. #21 & 22)	1	49		Washer - Flat	1
24	3296-39	Nut - Lock	7	50		Screw - Special	1
				51		Sleeve - Connector	1
				52	2412-108	Clamp	2

†Obtain Locally



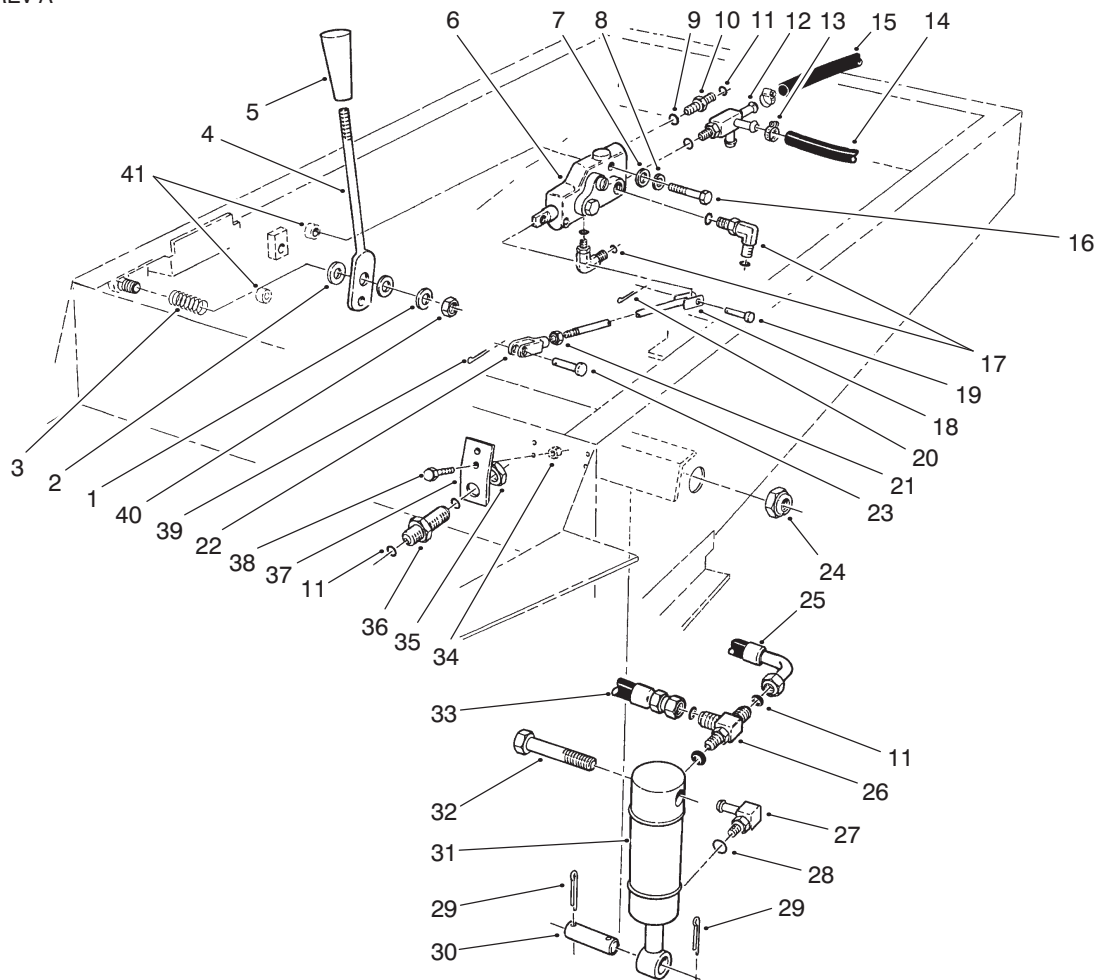
T-0530-3

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

Ref. No.	Part No.	Description	No. Used
53	66-2920	Washer - Friction	2
54	233-39	Knob	1
55	71-3500	Lever - Throttle	1
57	66-2670	Bracket - Throttle	1
59	76-1000	Cable - Throttle	1
60	92-5753	R-Clamp	1
61	63-7610	Hose	1
62	43-4031	Cable - Battery Positive	1
63	28-1280	Boot - Positive Cable	1
64	84-7580	Plate - Bushing Support	1
65	32149-1	Nut - Lock	2
67	3230-4	Bolt - Carriage	2
69	63-9750	Mount	2
70	63-8410	Washer - Flat	4
72	32128-20	Nut - Flange	5
73	2412-104	R-Clamp	1

Ref. No.	Part No.	Description	No. Used
74	3234-13	Screw - Flange Hd.	1
75	3290-378	Tie - Cable	1
76	3253-4	Washer - Lock	4
77	32148-11	Nut - Clinch	2
78	32128-33	Nut - Flange Hd.	1
80	32148-8	Nut - Clinch	4
81	93-7276	Decal - Danger (Europe)	1
82	93-6668	Decal - Battery Charging (Europe)	1
83	322-7	Screw - Cap Hex. Hd.	3
*	54-7950	Drive Shaft Assembly (Incl. Ref. #28-32 & 35)	1
*	63-6760	Swivel - Throttle Cable (Incl. Ref. #47-51)	1
*	95-3074	Kit - 400 Hour Filter (Incl. Ref. #13)	1

*Not Illustrated

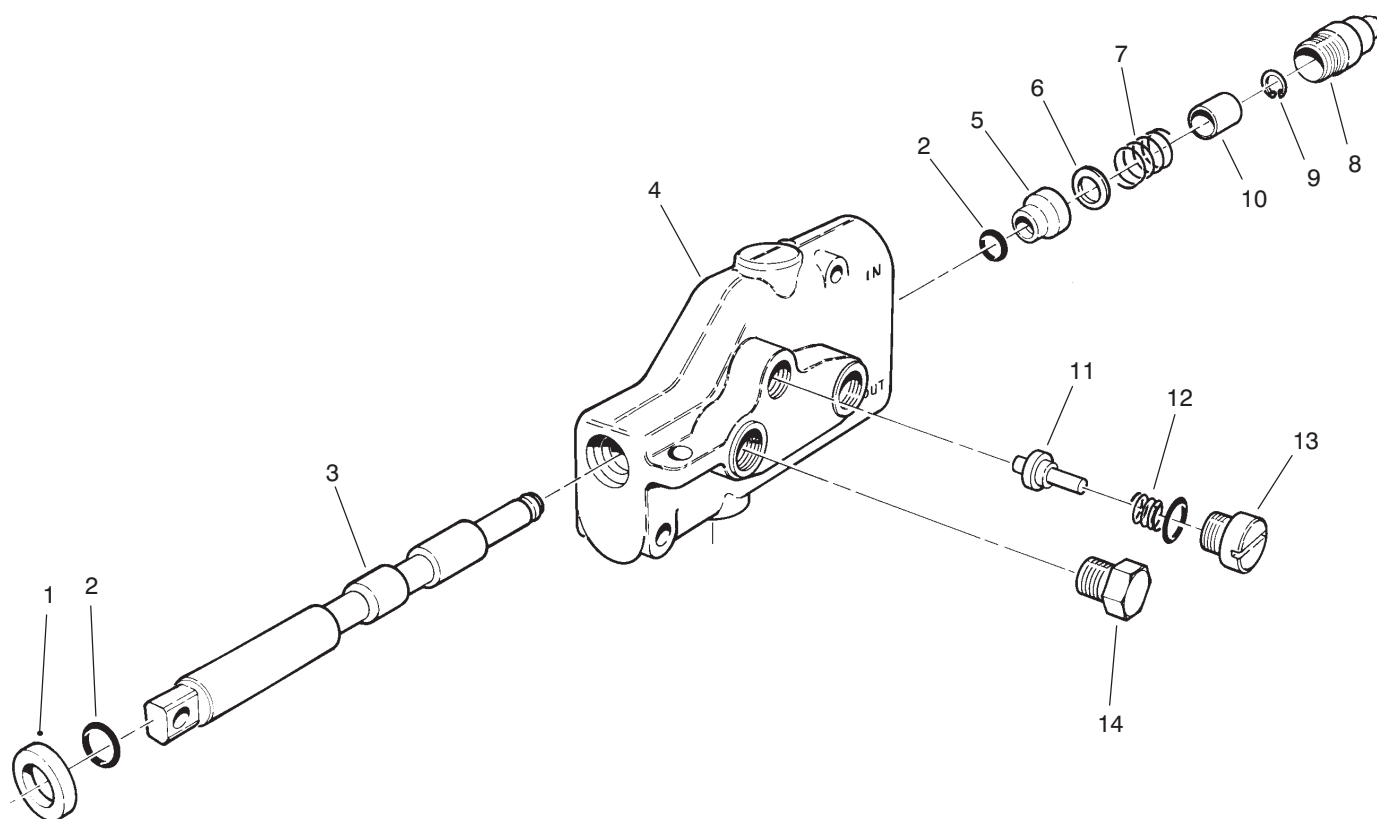


T-0531-4

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	Assembly - Hose, Hydraulic	1
3	70-7530	Spring - Compression	1	26	340-86	Fitting - Tee (Incl. Ref. #9 & 11)(Used On Cap End of Left Cyl.)	1
4	66-2720	Lever - Lift	1	*	340-77	Fitting - 90° Elbow (Incl. Ref. #9 & 11)(Used On Cap End of Right Cyl.)	1
5	233-39	Knob	1	27	304-99	Fitting - 90° Elbow (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 - Straight (Incl. Ref. #9 & 11)	1	32	3216-3	Screw - Cap Hex. Hd.	2
11	237-22	Seal - O-Ring	7	33	66-8640	Assembly - Hose, Hydraulic	1
12	66-3130	Fitting - 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 - 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 - 90° Elbow (Incl. Ref. #9 & 11)	2	39	3272-10	Pin - Cotter	1
18	76-4830	Rod - Tie	1	40	3296-29	Nut - Lock	1
19	283-16	Pin - Clevis	1	41	32148-11	Nut - Clinch	2
20	3272-5	Pin - Cotter	1				
21	3220-2	Nut - Jam, R.H.	1				
22	282-27	Clevis	1				
23	283-58	Pin - Clevis	1				

*Not Illustrated



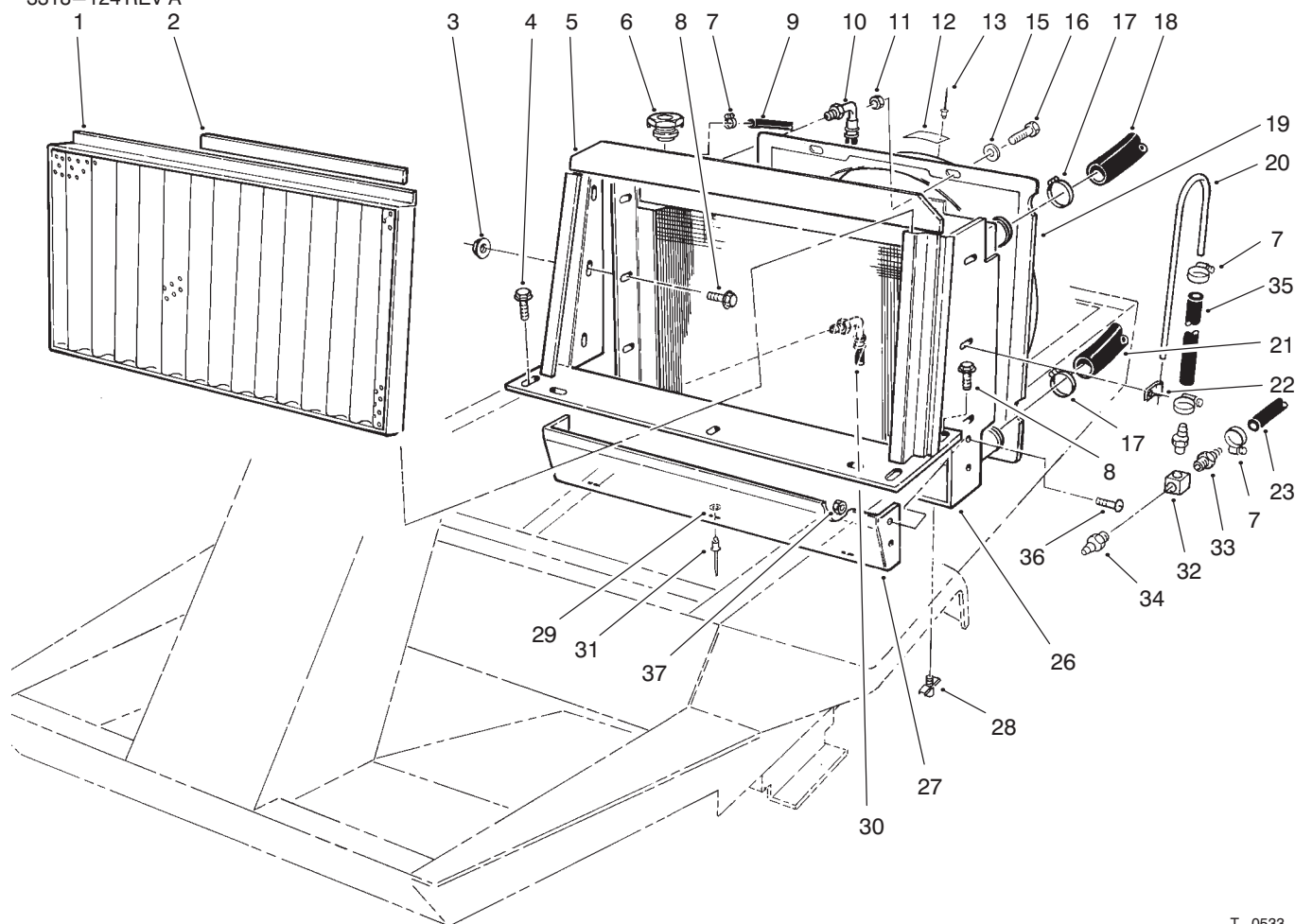
T-0532-1

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	Assembly - Plug	1
6	65-2770	Washer	1	14	353-508	Assembly - Plug	1
7	65-2950	Spring	1	*	63-7960	Assembly - Lift Valve (Incl. Ref. #3 & 4)	1
8	58-6420	Assembly - Cap	1				

*Not Illustrated

3318-124 REV A



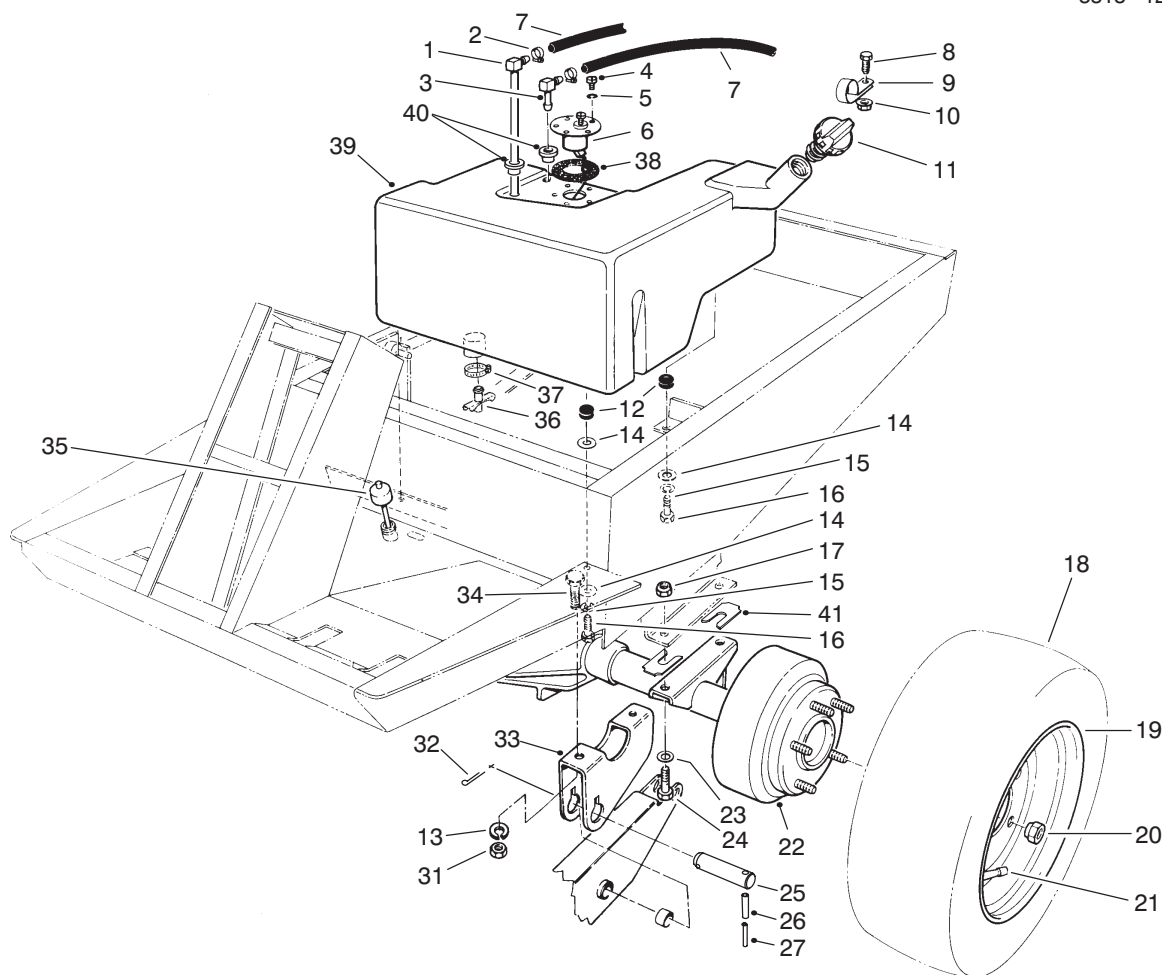
T-0533-2

RADIATOR ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	63-7700	Assembly - Frame, Screen	1
2	63-7710	Magnetic Strip	1
3	32128-20	Nut - Lock	6
4	3234-17	Screw - Flange Hd.	2
5	92-5757	Radiator Support Assembly	1
6	66-3240	Cap - Radiator	1
7	2412-108	Clamp - Hose	8
8	3234-5	Screw - Flange Hd.	8
9	71-3384	Hose	1
10	66-8180	Hose Assembly	1
11	3296-42	Nut - Lock	4
12	76-8750	Plate - Warning	1
12	93-6681	Decal - Warning (Europe)	1
13	3290-271	Rivet	2
15	3256-22	Washer - Flat	4
16	321-4	Screw - Cap Hex. Hd.	4
17	2412-34	Clamp - Hose	4
18	93-9940	Hose - Upper	1
19	92-6503	Assembly - Shroud, Fan (Incl. Ref. #12 & 13)	1

Ref. No.	Part No.	Description	No. Used
20	66-3180	Tube - Vent	1
21	63-6020	Hose - Lower	1
22	2412-103	R-Clamp	2
23	63-7600	Hose - Fuel	1
26	82-2310	Radiator Assembly	1
27	63-6440	Shield - Radiator	1
28	304-46	Drain Cock	1
29	3269-10	Washer - Flat	3
30	66-8500	Hose Assembly	1
31	3269-13	Rivet	3
32	354-20	Block	1
33	354-22	Fitting	2
34	354-21	Fitting	1
35	66-3170	Hose	1
36	3249-3	Screw - Rd. Hd.	2
37	3217-29	Nut - Hex.	2
*	93-7840	Decal - Radiator Cap (Europe)	1

*Not Illustrated

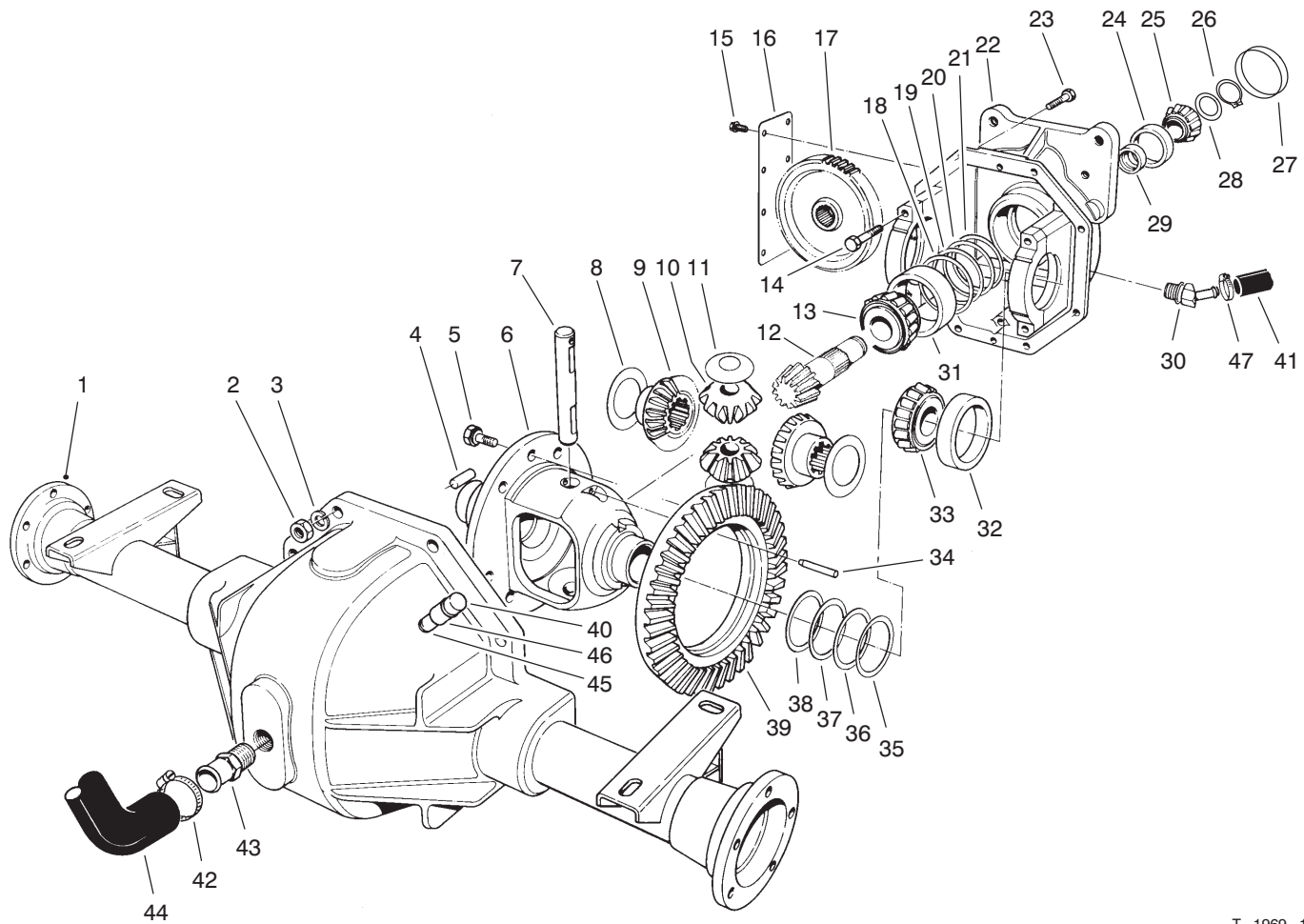


T-0534-2

FUEL TANK AND AXLE ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	66-8120	Standpipe	1	20	23-7270	Nut - Lug	10
2	2412-108	Clamp	4	21	232-27	Valve Stem w/Cap	2
3	46-6550	Connector 90°	1	22	86-9640	Assembly - Axle	1
4	32122-24	Screw - Machine	5	23	3256-25	Washer - Flat	4
5	3253-15	Washer - Lock	5	24	324-5	Screw - Cap Hex. Hd.	4
6	63-7640	Sender - Fuel	1	25	92-9788	Pivot Pin Assembly (Incl. Ref. #26 & 27)	2
7	63-7630	Hose	2	26	32121-49	Pin - Spring	2
8	322-3	Screw - Cap Hex. Hd.	1	27	32121-71	Pin - Spring	2
9	2412-147	R-Clamp	1	31	3219-6	Nut - Hex.	4
10	32128-20	Nut - Lock	1	32	3272-17	Pin - Cotter	2
11	93-3102	Cap - Fuel	1	33	92-9786	Carrier Bracket	2
12	237-136	Grommet	3	34	3273-38	Screw - Soc. Hex. Hd.	4
13	3253-8	Washer - Lock	4	35	66-3060	Dipstick - Differential	1
14	3256-67	Washer - Flat	3	36	304-46	Fitting - Drain	1
15	3253-3	Washer - Lock	5	37	2412-36	Clamp	1
16	321-5	Screw - Cap Hex. Hd.	3	38	62-7650	Gasket	1
17	3296-48	Nut - Lock	4	39	92-8873	Tank - Fuel	1
18	231-101	Tire	2	40	46-6560	Bushing	2
*	231-95	Tire - 23" x 10.5" x 12" (Optional)	2	41	42-6080	Shim - Axle	A/R
19	217-117	Rim	2	*	62-7020	Assembly - Wheel & Tire (23" x 10.5" x 12") (Optional)	2
*	217-116	Rim - 23" x 10.5" x 12" (Optional)	2				

*Not Illustrated



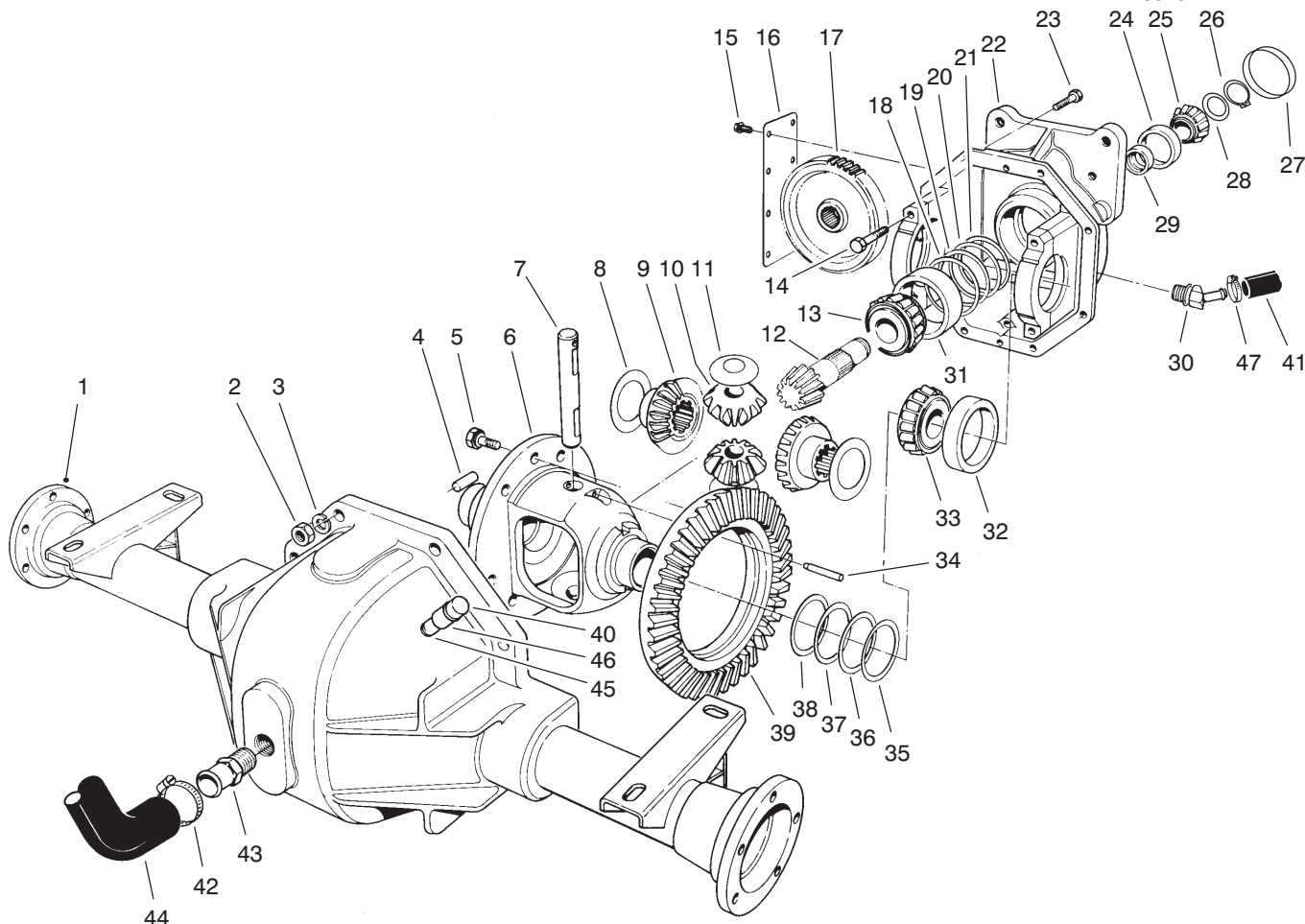
T-1969-1

DIFFERENTIAL ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	63-8090	Assembly - Lower Housing	1
2	3219-2	Nut	8
3	3255-8	Washer - Lock	8
4	21-8270	Pin - Dowel	2
5	21-7770	Screw - Drive Gear	5
6	21-7670	Differential Case	1
7	21-7700	Shaft - Pinion Mate	1
8	21-7720	Washer - Thrust	2
9	24-8790	Gear - Bevel, Differential	2
10	21-7690	Gear - Pinion	2
11	21-7730	Washer - Thrust	2
12		Drive Pinion	1
13	43-6760	Cone - Bearing, Tapered	1
14	92-1773	Screw - Cap Hex. Hd.	4
15	12-5450	Screw - Thread Forming	8
16	21-7830	Cover - Gear	1
17	86-7230	Gear - Spur	1
18	43-6710	Shim Adjusting Differential Bearing .003	A/R
19	43-6711	Shim Adjusting Differential Bearing .005	A/R
20	43-6712	Shim Adjusting Differential Bearing .010	A/R
21	43-6713	Shim Adjusting Differential Bearing .030	A/R
22	86-7930	Upper Housing Assembly (Incl. Ref. #14)	1
23	3210-7	Screw - Cap Hex. Hd.	8

Ref. No.	Part No.	Description	No. Used
24	254-90	Cup - Bearing	1
25	254-91	Cone - Bearing	1
26	43-6550	Ring - Retaining	1
27	21-7850	Cap Plug	1
28	46-2210	Shim Front Pinion Bearing (.031)	A/R
*	46-2211	Shim Front Pinion Bearing (.033)	A/R
*	46-2212	Shim Front Pinion Bearing (.035)	A/R
*	46-2213	Shim Front Pinion Bearing (.037)	A/R
*	46-2214	Shim Front Pinion Bearing (.039)	A/R
*	46-2215	Shim Front Pinion Bearing (.041)	A/R
*	46-2216	Shim Front Pinion Bearing (.043)	A/R
*	46-2220	Shim Front Pinion Bearing (.045)	A/R
*	46-2221	Shim Front Pinion Bearing (.047)	A/R
*	46-2222	Shim Front Pinion Bearing (.049)	A/R
*	46-2223	Shim Front Pinion Bearing (.051)	A/R
*	46-2224	Shim Front Pinion Bearing (.053)	A/R

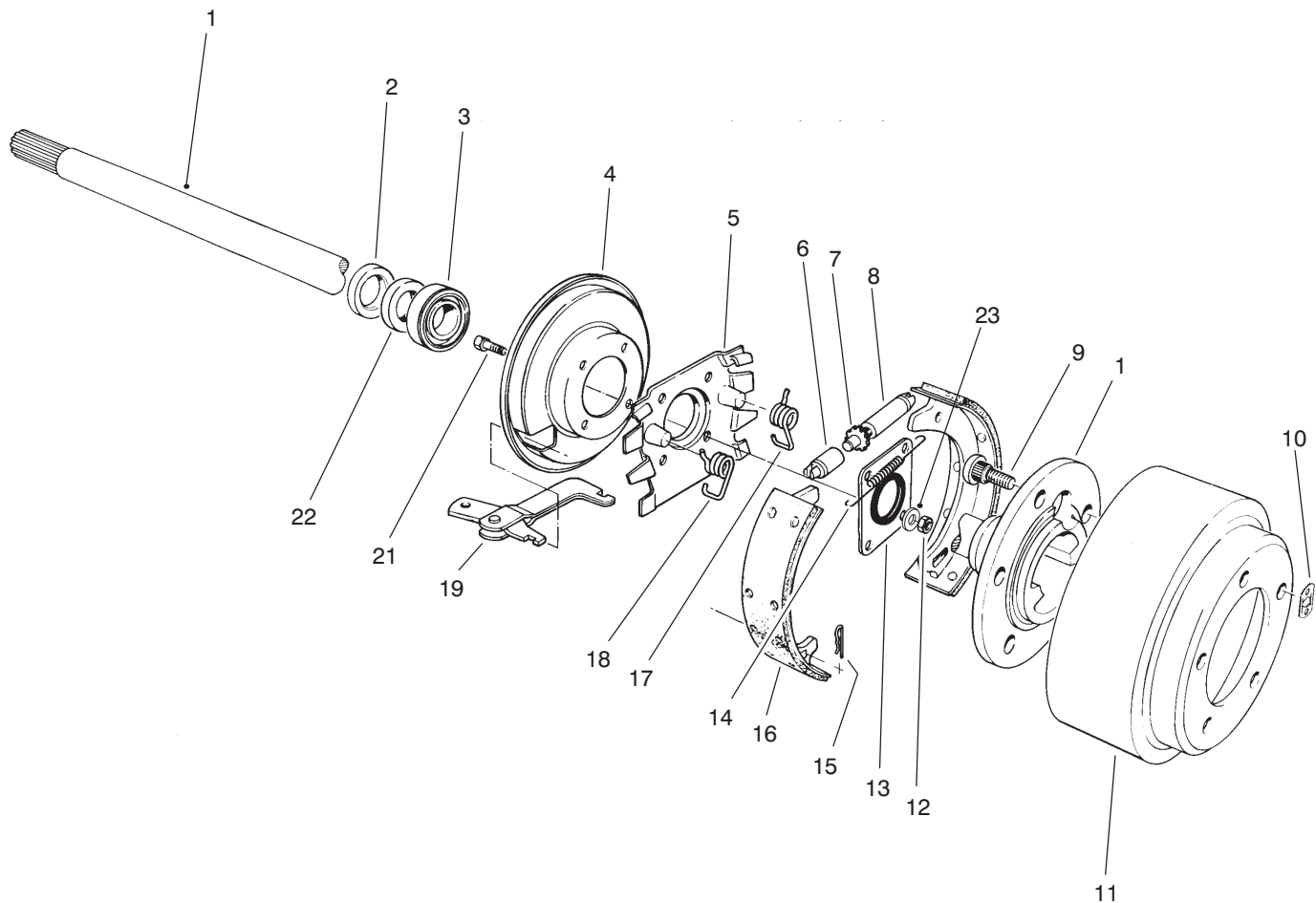
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T-1969-1

DIFFERENTIAL ASSEMBLY (Continued)

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



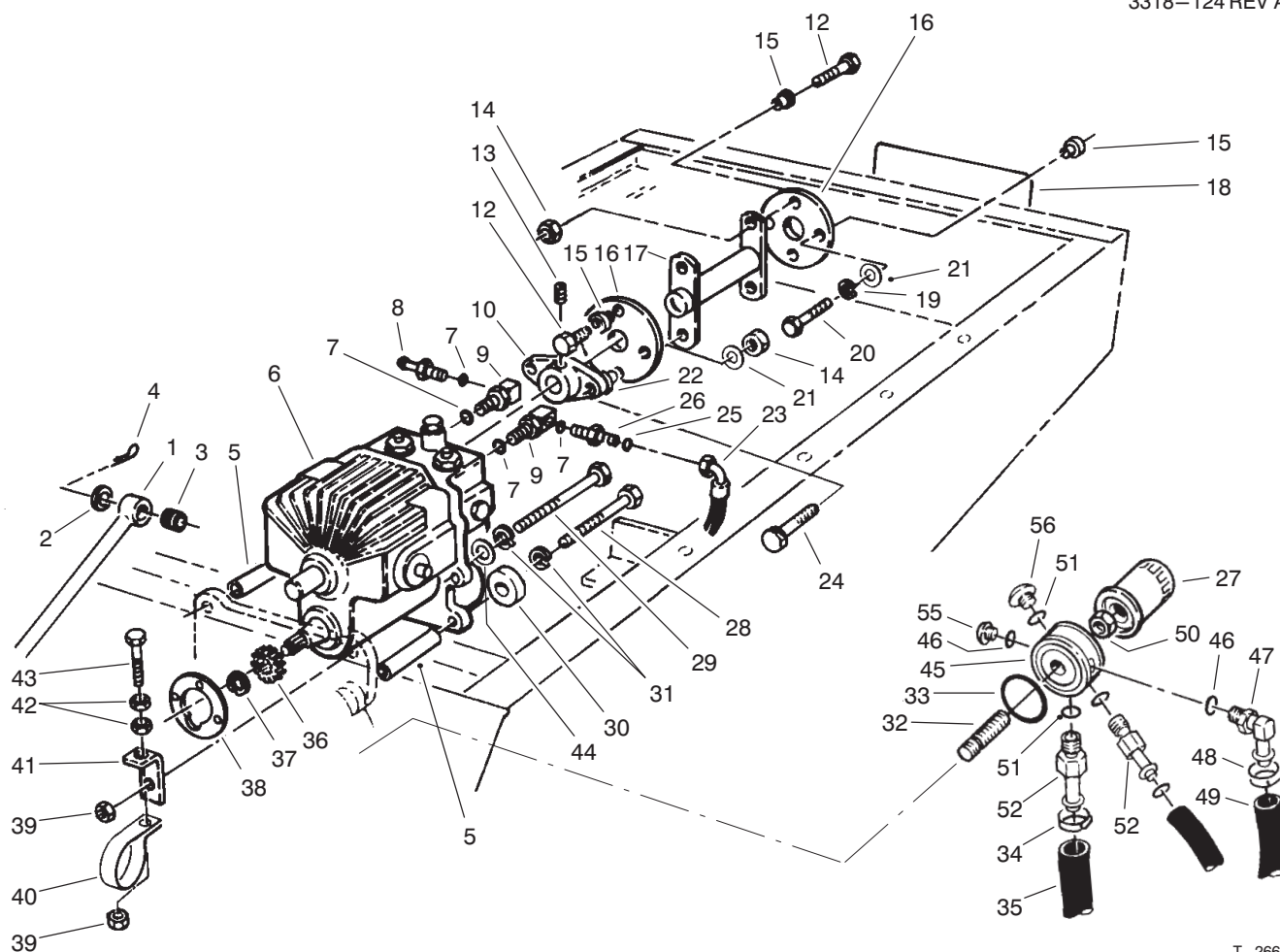
T-2664-1

BRAKE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	27-6861	Shaft - Axle, Flanged L.H.	1
*	27-6851	Shaft - Axle, Flanged R.H.	1
2	92-1774	Oil Seal	2
3	21-8180	Bearing - Tapered Roller	2
4	21-9450	Dust Shield	2
5	43-6810	Torque Spider	2
6	21-9390	Socket - Adjusting Screw	2
7	21-9370	Adjusting Screw	2
8	21-9380	Nut - Pivot	2
9	242-34	Stud - Axle Flange	10
10	21-8360	Clip - Retaining	2
11	28-0680	Brake Drum	2
12	94-6935	Nut - Lock, Flange Hd.	8

Ref. No.	Part No.	Description	No. Used
13	28-0670	Oil Seal	2
14	21-9440	Screw - Spring Adjusting	2
15	21-9460	Retainer - Parking Brake	4
16	84-8600	Brake Shoe Set (Incl. 4 Shoes)	1
17	21-9430	Spring - Shoe Return R.H.	2
18	21-9420	Spring - Shoe Return L.H.	2
19	24-9180	Strut/Lever - Parking Brake	2
21	94-6934	Screw - Cap Hex. Hd.	8
22	24-8840	Ring - Wheel Bearing	2
*	92-8775	Kit - Gasket, Liquid	1
23	94-6936	Washer - Flat	8

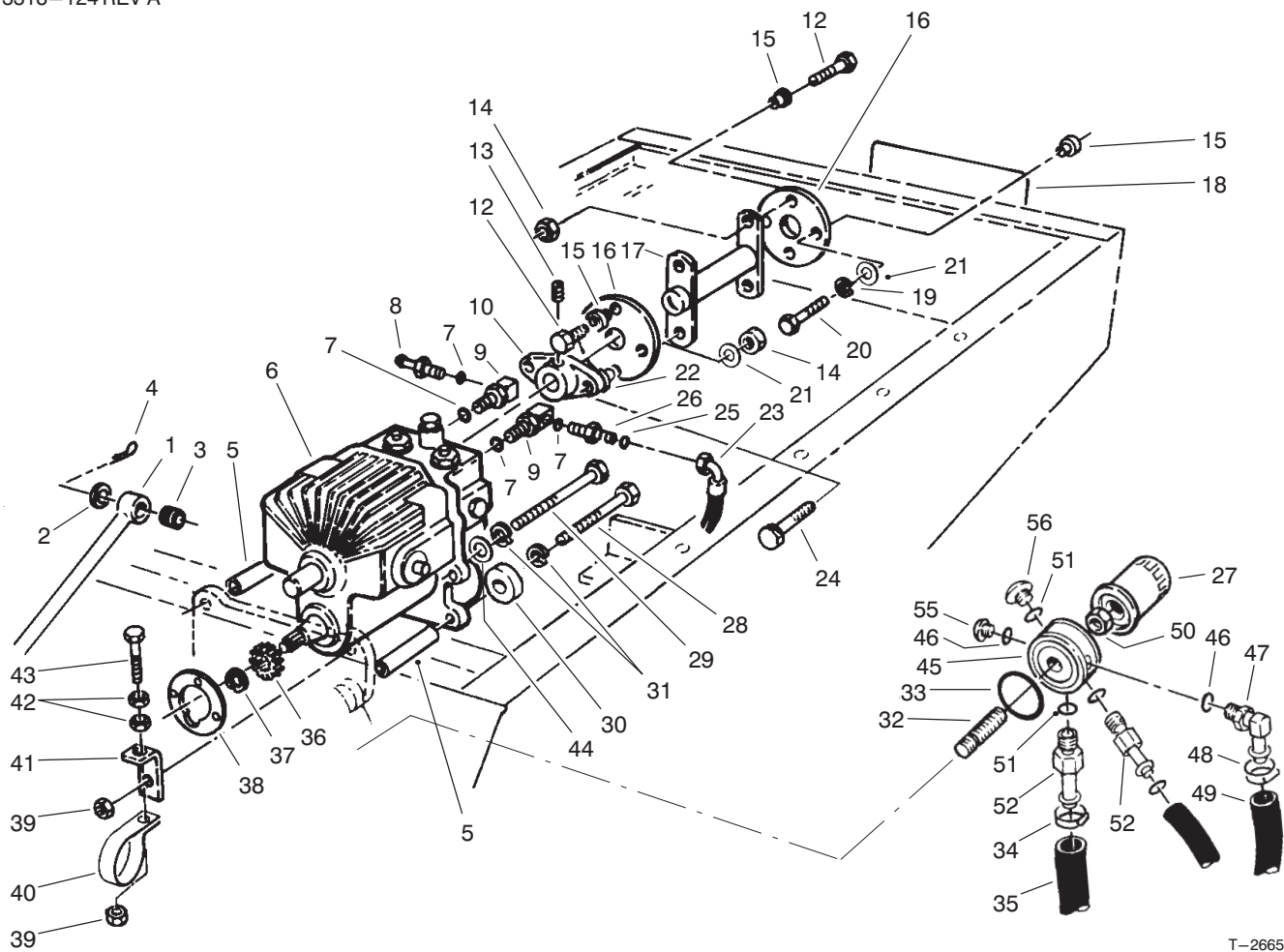
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T-2665-1

TRANSMISSION & DRIVE COUPLING ASSEMBLY

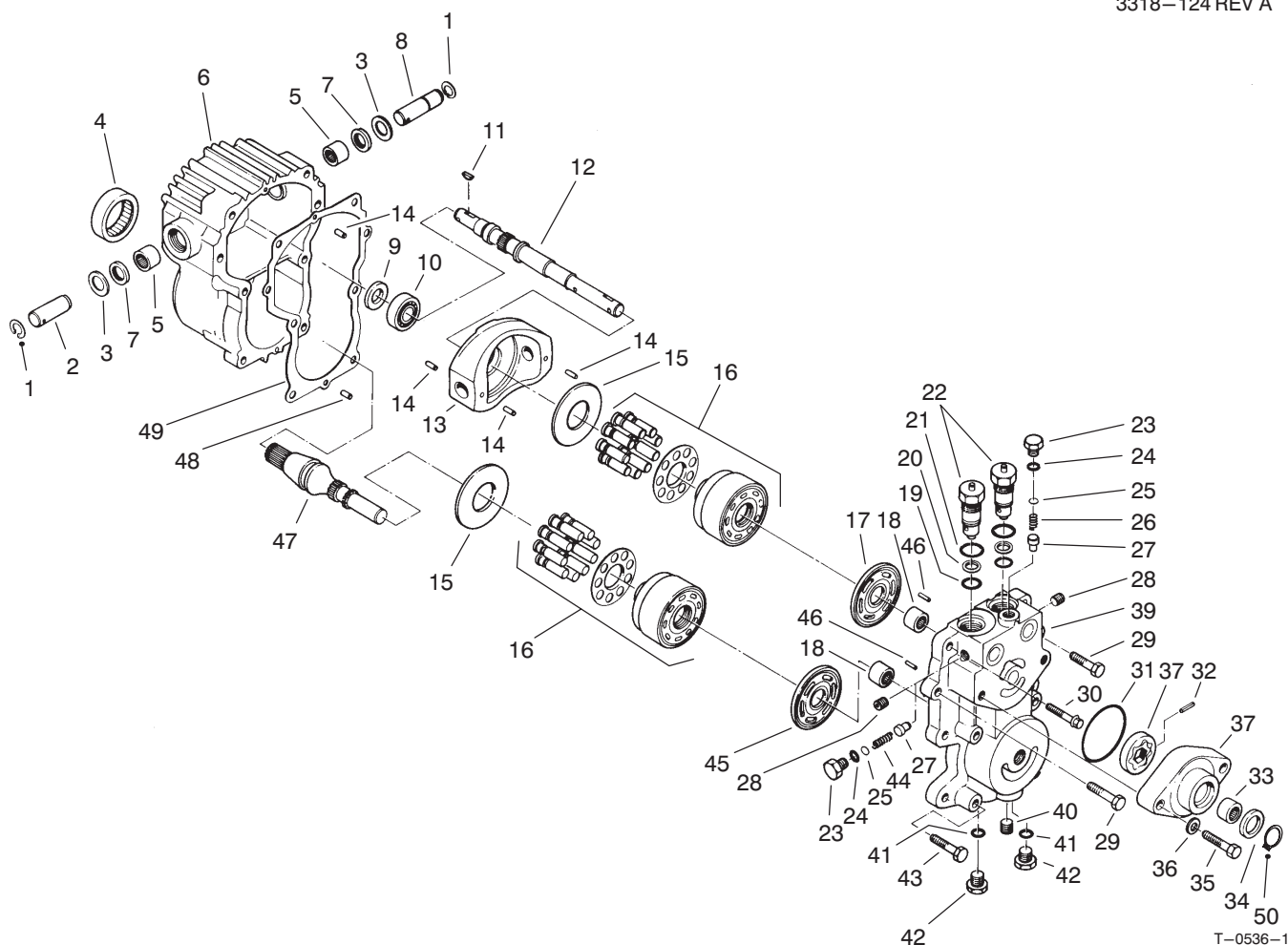
Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	63-6410	Tube - Traction Control	1	27	23-2300	Oil Filter	1
2	3256-26	Washer - Flat	1	28	323-39	Screw - Cap Hex. Hd.	3
3	23-2270	Bushing - Rubber	1	29	27-9620	Screw - Cap Hex. Hd.	1
4	3272-10	Pin - Cotter	1	30	5-0652	Spacer	1
5	27-3680	Spacer - Mounting	4	31	3253-21	Washer - Lock	4
6	92-5513	Transmission	1	32	92-5085	Union Filter	1
7	237-42	O-Ring	4	33	92-5087	Seal - Adapter, Filter	1
8	353-979	Hose Barb	1	34	2412-108	Hose Clamp	4
9	66-3110	Hyd. Fitting	2	35	92-5082	Hose	2
10	27-4370	Hub - Pump	1	36	86-7220	Gear - Spur	1
12	3210-5	Screw - Cap Hex. Hd.	4	37	32120-72	Ring - Retaining	1
13	3241-6	Screw - Set	2	38	27-3690	Gasket - Transmission	1
14	32152-5	Nut - Lock	6	39	3296-39	Nut - Lock	2
15	27-6600	Spacer - Rubber	6	40	2412-4	R-Clamp	1
16	44-2230	Coupling - Rubber	2	41	63-7170	Anchor - Transmission	1
17	63-6610	Drive Shaft	1	42	3218-3	Nut - Jam	2
18	62-7400	Decal - Toro	1	43	67-1900	Screw - Cap Hex. Hd.	1
19	42-9850	Washer - Lock	2	44	3256-24	Washer - Flat	1
20	48-9460	Screw - Cap Hex. Hd.	2	45	92-5076	Adapter - Filter	1
21	3256-71	Washer - Flat	4	46	237-79	O-Ring	2
22	27-6590	Spacer	2	47	92-5086	Fitting - Hydraulic 45° (Incl. Ref. #46)	1
23	66-8490	Hose Assembly	1	48	2412-119	Clamp - Hose	1
24	3210-8	Screw - Cap Hex. Hd.	2	49	92-5083	Hose - Hydraulic	1
25	237-22	O-Ring	1	50	3220-7	Nut - Jam	1
26	82-8530	Fitting	1				



T-2665-1

TRANSMISSION & DRIVE COUPLING ASSEMBLY (Cont.)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
551	237-78	O-Ring	3	56	353-990	Plug - Hydraulic (Incl. Ref. #51)	1
52	92-5512	Fitting - Hydraulic, Straight (Incl. Ref. #51)	2	*	95-3074	Kit - 400 Hour Filter (Incl. Ref. #27)	1
55	353-988	Plug - Hydraulic (Incl. Ref. #46)	1				

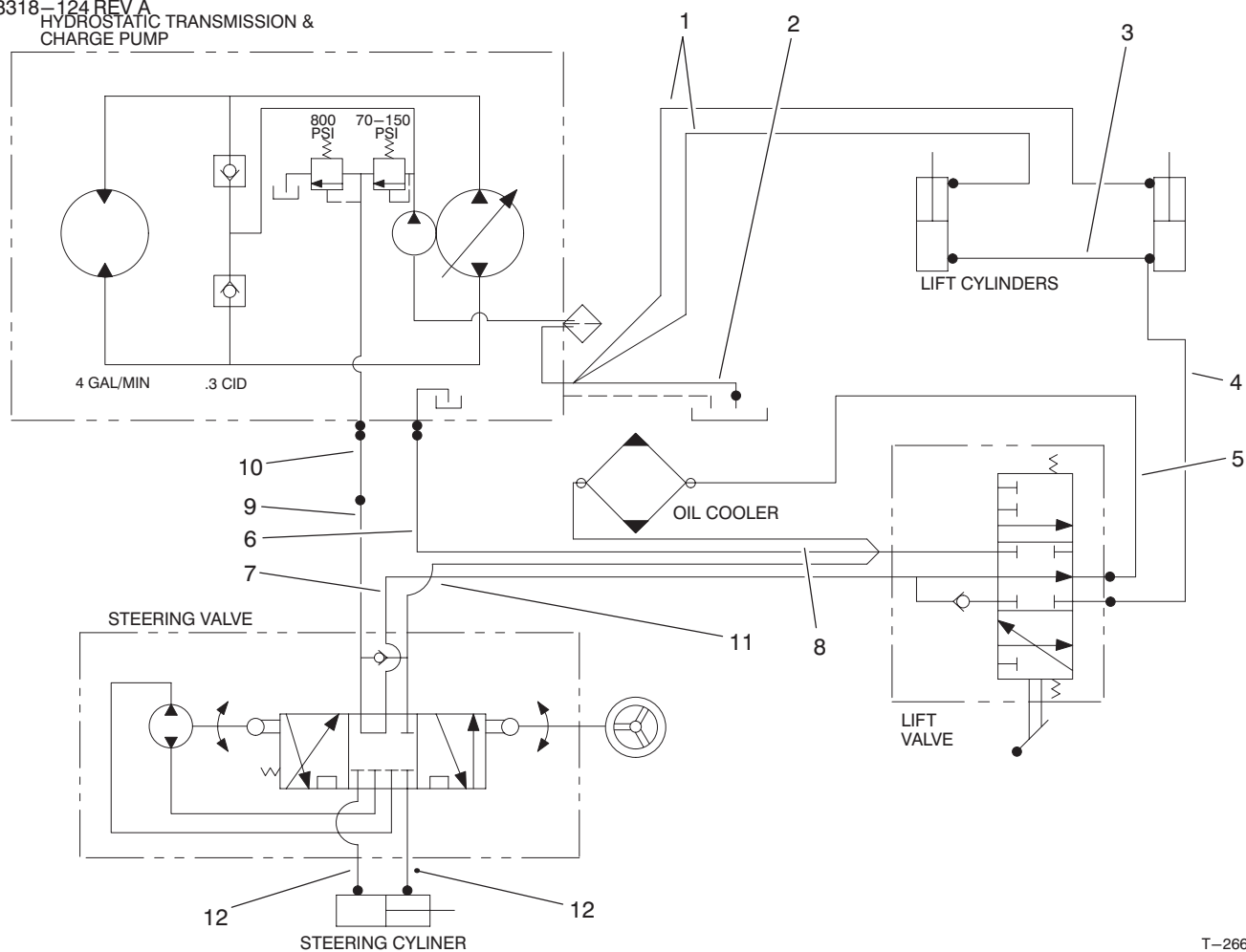


TRANSMISSION ASSEMBLY NO. 92-5513

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	32151-46	Ring - Retaining	2	27	28-3420	Relief Valve Cone Charge	2
2	25-2500	Shaft - Trunnion	1	28	285-17	Plug - Pipe	4
3	25-2510	Washer	2	29	323-8	Screw - Cap Hex. Hd.	2
4	28-3300	Bearing - Roller	1	30	28-3530	Screw - Cap Hex. Hd.	2
5	28-3310	Bearing - Needle	2	31	28-3520	O-Ring	1
6	92-5709	Housing	1	32	38-2680	Pin	1
7	25-3210	Lip Seal	2	33	28-3480	Bearing - Needle	1
8	28-3670	Shaft - Trunnion	1	†34	28-3470	Lip Seal	1
9	93-4133	Lip Seal	1	‡34	94-2975	Shaft - Seal	1
10	28-3650	Bearing - Ball	1	35	324-23	Screw - Cap Hex. Hd.	2
11	3257-5	Key - Woodruff	2	36	28-3450	Washer - Flat	2
12	28-3640	Shaft - Pump	1	37	38-2670	Kit - Charge Pump (Incl. Ref. #31-34 & 50))	1
13	49-7820	Variable Swashplate	1	39	92-5716	Center Section	1
14	32121-91	Pin	3	40	92-5717	Plug - Pipe	1
15	25-2380	Plate - Thrust	2	41		O-Ring	2
16	48-1800	Kit - Cylinder Block	2	42	28-3440	Threaded Plug (Incl. Ref. #41)	2
17	46-7320	Plate - Pump Valve	1	43	323-10	Screw - Cap Hex. Hd.	4
18	25-3300	Bearing - Needle	2	44	25-2480	Relief Valve Spring Charge	1
19	28-3590	O-Ring	2	45	28-3380	Plate - Motor Valve	1
20	28-3580	Ring - Backup	2	46	25-2430	Pin	2
21	28-3570	O-Ring	2	47	49-8200	Shaft - Motor	1
22	49-7830	Assembly - Check Valve (Incl. Ref. #19-21)	2	48	28-3350	Pin	2
23	25-2460	Hex Hd. Plug	2	49	28-3340	Gasket	1
24	28-3400	O-Ring	2	‡50	94-2976	Ring - Retaining	1
25	25-2470	Shim Pack	A/R				
26	46-7310	Relief Valve Spring Imp.	1				

†Used on transmission serial no. 94-39999 and before.

‡Used on transmission serial no. 94-40000 and up.

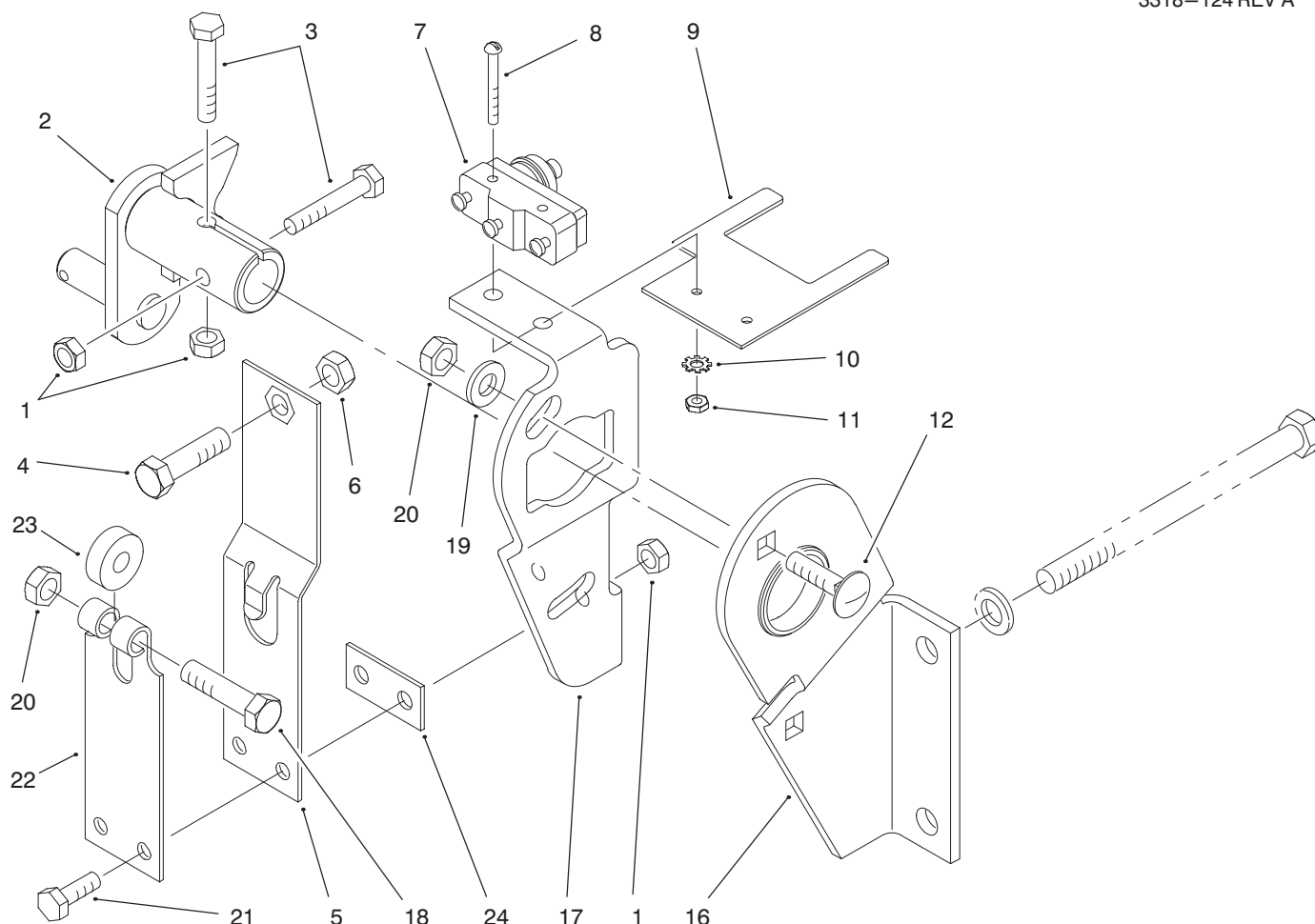


T-2663-1

HYDRAULIC SCHEMATIC

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

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

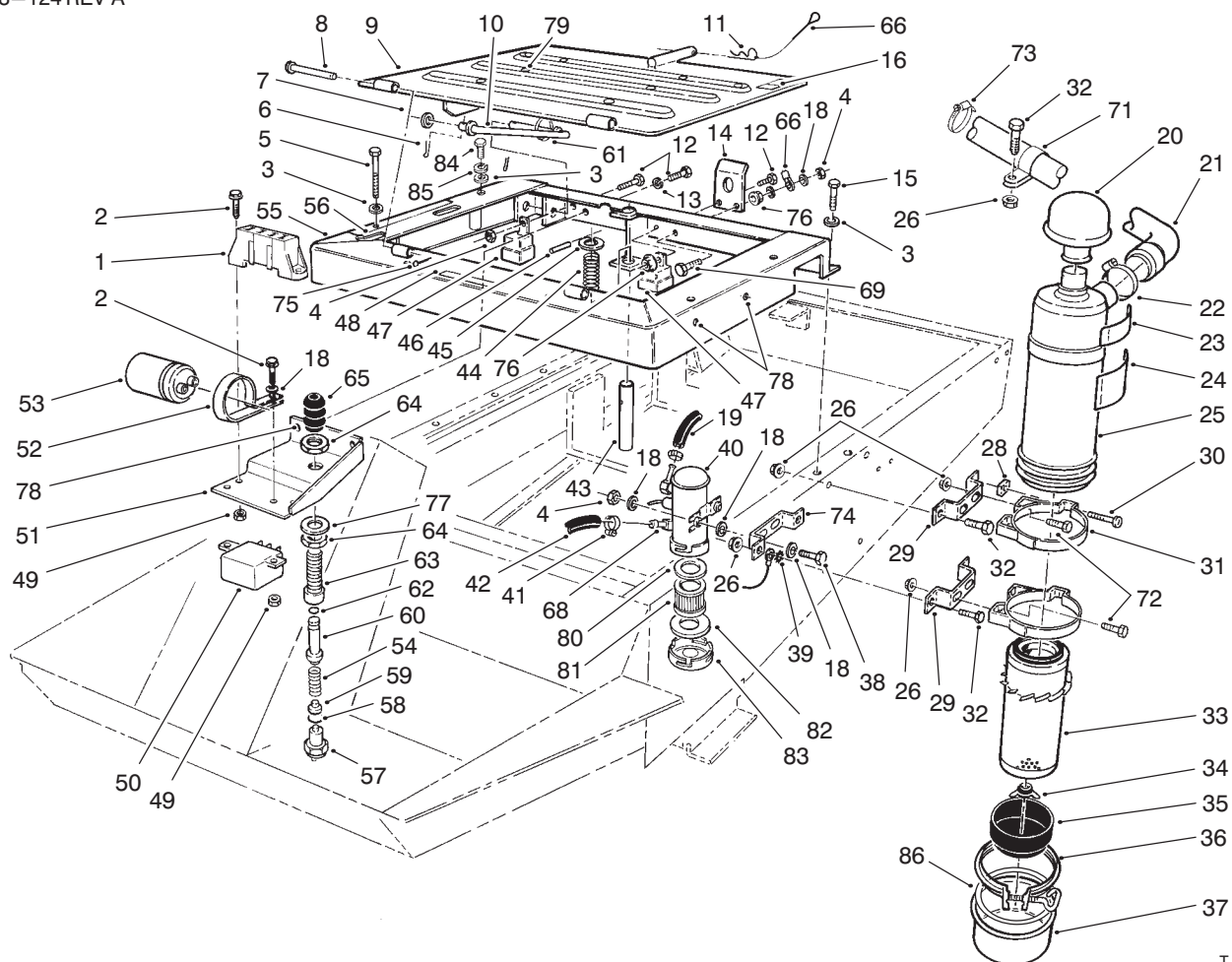


T-0538-3

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

Ref. No.	Part No.	Description	No. Used
12	3230-2	Carriage - Bolt	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

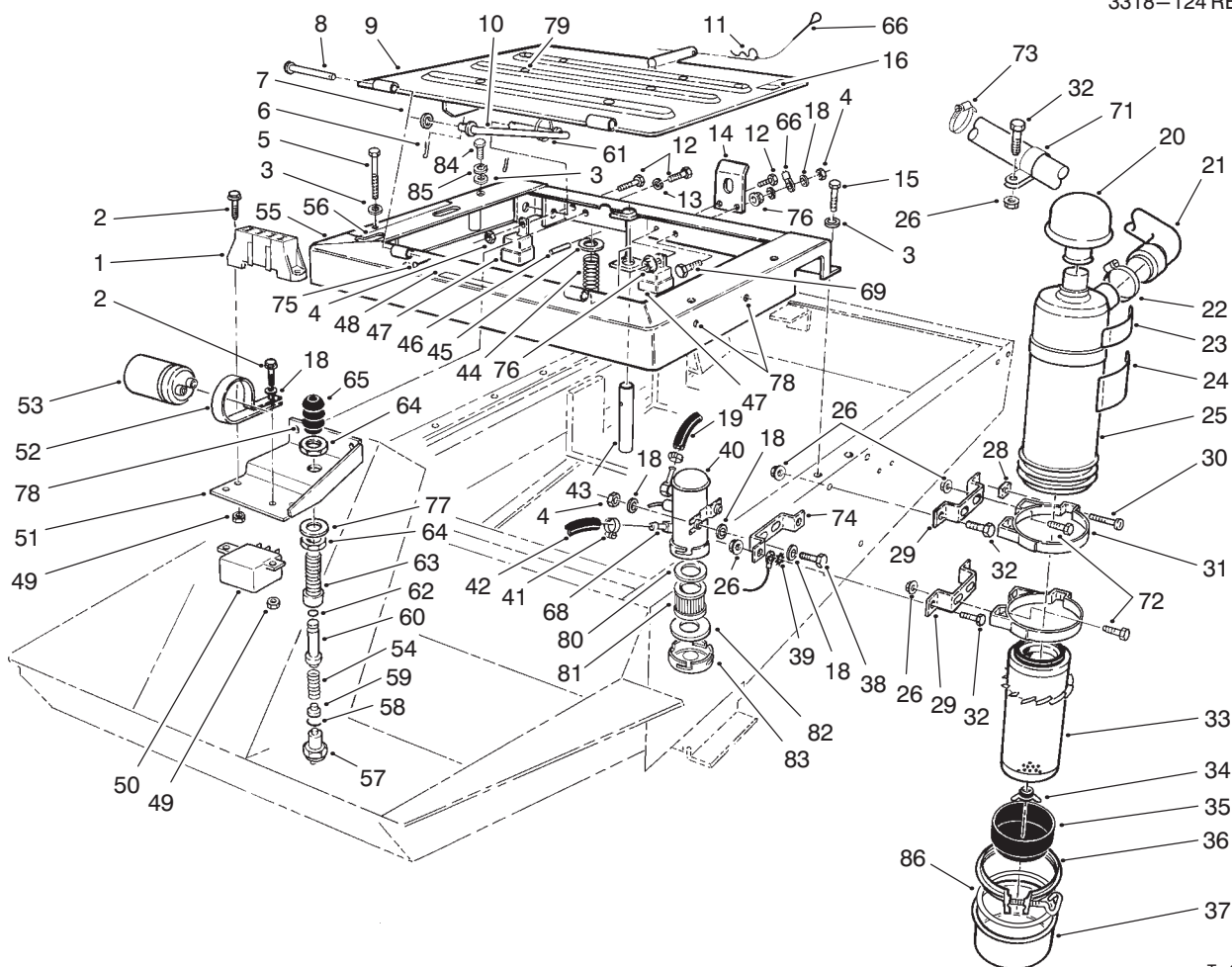


T-0606-1

SEAT FRAME & AIR CLEANER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	67-7160	Fuse Block	1
2	32105-13	Screw - Cap Hex. Hd.	4
3	3256-23	Washer - Flat	6
4	3296-42	Nut - Lock	3
5	322-13	Screw - Cap Hex. Hd.	6
6	3272-11	Pin - Cotter	2
7	3256-24	Washer - Flat	1
8	283-49	Pin - Clevis	2
9	92-5759	Plate - Seat (Incl. Ref. #79)	1
10	66-2800	Rod - Seat Support	1
11	3290-255	Pin - Hair, Cotter	1
12	321-4	Screw - Cap Hex. Hd.	4
13	3253-3	Washer - Lock	2
14	66-2630	Latch - Seat	1
15	3234-17	Screw - Flange Hd.	2
16	52-1321	Decal - Diesel Fuel	1
16	93-6680	Decal - Diesel Fuel (Europe)	1
18	3256-22	Washer - Flat	9
19	63-7620	Hose	1
20	27-7180	Assembly - Cap	1
21	94-3309	Hose - Air Cleaner Inlet	1
22	2412-42	Clamp - Hose	1
23	83-9150	Decal - Starting Fluid	1
23	93-7275	Decal - Starting Fluid (Europe)	1

Ref. No.	Part No.	Description	No. Used
25	27-7100	Assembly - Air Cleaner (Incl. Ref. #24 & 32-36)	1
26	32128-20	Nut - Flange	9
28	32107-11	Nut - Square	2
29	66-2451	Bracket - Air Cleaner	2
30	3258-19	Screw - Cap Hex. Hd.	2
31	27-7170	Assembly - Mounting Band (Incl. Ref. #28 & 30)	2
32	322-5	Screw - Cap Hex. Hd.	5
33	27-7110	Assembly - Element	1
34	27-7120	Assembly - Nut & Gasket	1
35	27-7140	Skirt - Baffle	1
36	27-7130	Assembly - Clamp	1
37	27-7150	Assembly - Cup	1
38	321-8	Screw - Cap Hex. Hd.	2
39	3255-8	Washer - Lock, Ext. Tooth	1
40	53-8150	Pump - Fuel (Incl. Ref. #80-83)	1
41	2412-108	Clamp - Hose	4
42	63-7630	Hose	1
43	66-2590	Pin - Seat Spring	1
44	37-9590	Spring - Compression	1
45	3256-27	Washer - Flat	1
46	32121-6	Pin - Roll	1
47	63-7590	Relay	2
48	67-1710	Decal - Interlock	1



T-0606-1

SEAT FRAME & AIR CLEANER ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
49	3296-12	Nut - Lock	4	72	322-3	Screw - Cap Hex. Hd.	4
50	66-8800	Relay	1	73	2412-92	Clamp - Hose	1
51	92-7892	Bracket - Seat Switch	1	74	66-2450	Bracket - Air Cleaner	1
52	2412-74	R-Clamp	1	75	3272-4	Pin - Cotter	2
53	37-2690	Capacitor	1	76	32128-33	Nut - Hex. Flange	2
54	43-8600	Spring - Compression	1	77	3256-69	Washer - Flat	1
55	92-7894	Frame - Seat	1	78	32148-6	Nut - Clinch	6
56	66-8750	Decal - Control Levers	1	79	32148-9	Nut - Clinch	2
56	93-7833	Decal - Control Levers (Europe)	1	80	43-2570	Gasket	1
57	72-4320	Switch	1	81	43-2550	Filter	1
58	237-30	O-Ring	1	82	43-2560	Gasket	1
59	43-8610	Guide - Spring & Ball Seat	1	83	43-2580	Magnet	1
60	43-8860	Plunger - Switch	1	86	80-3330	Gasket	1
61	3290-378	Tie - Cable	1	84	322-14	Screw - Cap Hex. Hd.	2
62	237-7	O-Ring	1	85	3253-4	Washer - Lock	2
63	43-8620	Guide - Switch Pin	1	86	80-3330	Gasket	1
64	218-461	Nut - Jam	2	*	43-9071	Switch - Seat (Incl. Ref. #54, 57-60 & 62-65)	1
65	43-8870	Boot - Switch	1				
66	28-8070	Lanyard	1				
68	67-1690	Fitting	2	*	95-3074	Kit - 400 Hour Filter (Incl. Ref. #33 & 81)	1
69	321-6	Screw - Cap Hex. Hd.	1				
71	2412-107	R-Clamp	1				

*Not Illustrated

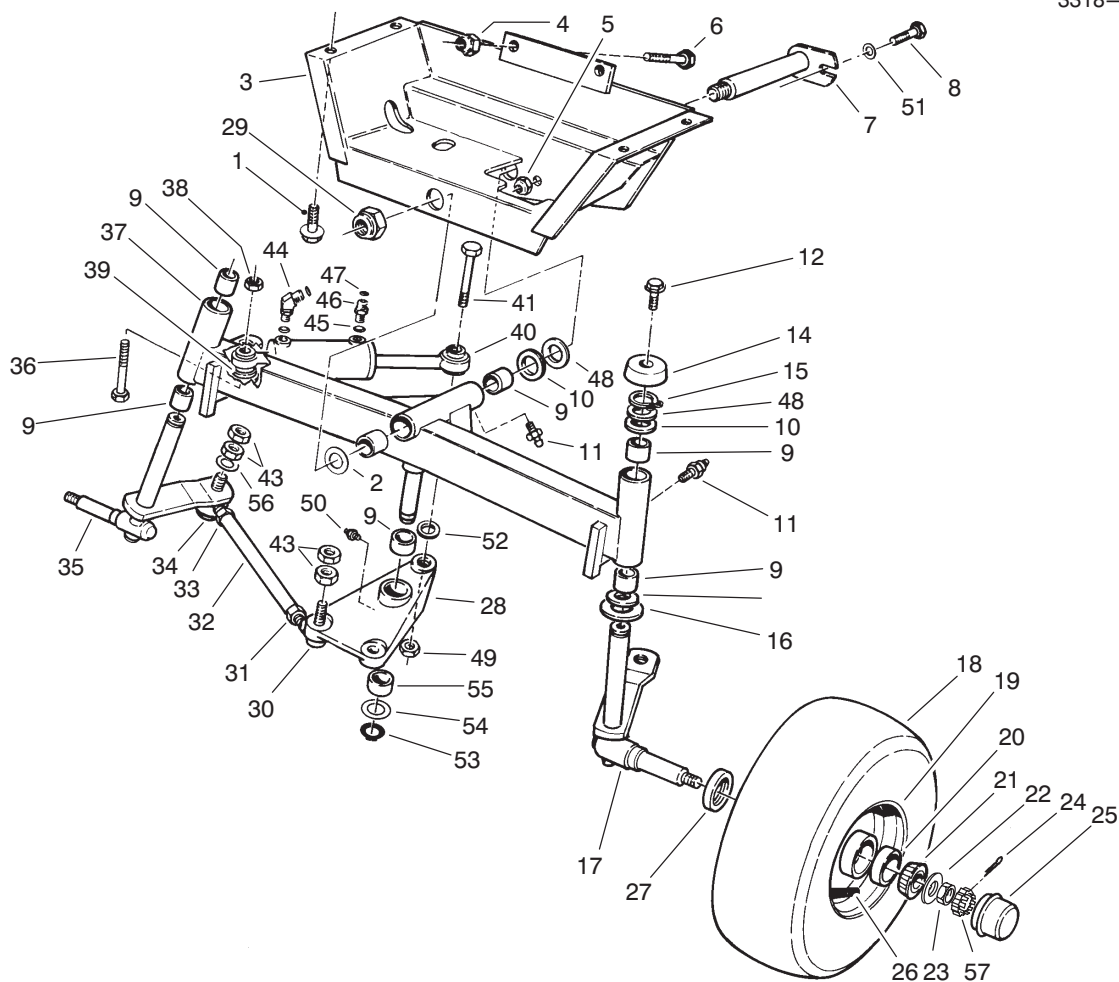


T-1692-1

MANUAL STORAGE ASSEMBLY

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

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

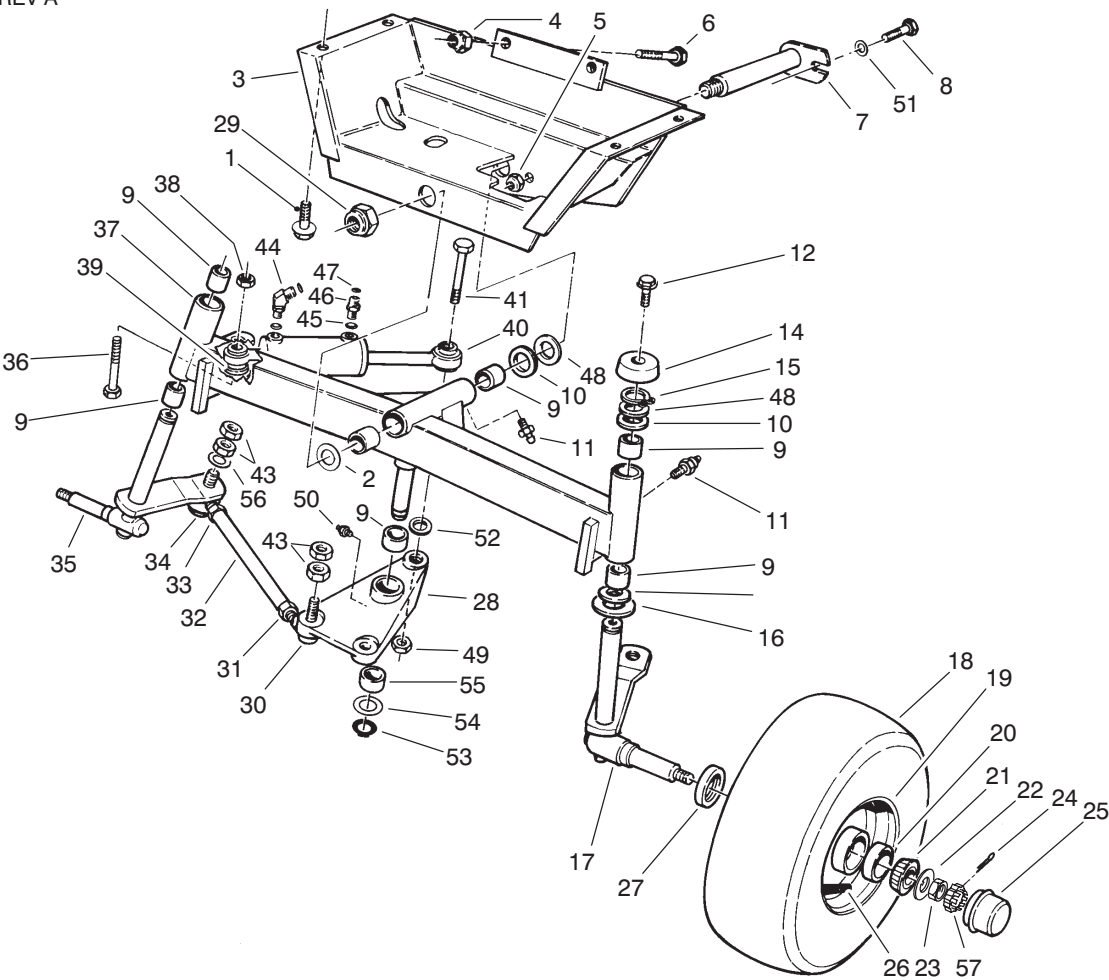


T-0540-1

REAR AXLE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3234-25	Screw - Flange	4
2	71-4540	Washer - Thrust	1
3	63-6430	Frame - Rear	1
4	3296-25	Nut - Lock	2
5	3296-42	Nut - Lock	1
6	325-5	Screw - Cap Hex. Hd.	2
7	63-6770	Pin - Rear Axle	1
8	321-4	Screw - Cap Hex. Hd.	1
9	67-1750	Bushing	6
10	10-8110	Washer	5
11	302-5	Fitting - Grease	3
12	3234-13	Screw - Flange Hd.	2
14	66-2990	Cap - Spindle	2
15	32151-36	Ring - Retaining	2
16	256-121	Washer - Thrust	2
17	93-3195	Spindle - Wheel L.H.	1
18	231-105	Tire	2
19	217-118	Rim	2
20	254-72	Cup - Bearing	4
21	254-94	Cone - Bearing	4
22	93-0309	Washer - Tab	2
23	3220-7	Nut - Jam	2
24	3272-13	Pin - Cotter	2
25	241-119	Cap - Hub	2
26	232-35	Stem - Valve	2
27	253-129	Seal - Hub	2

Ref. No.	Part No.	Description	No. Used
28	76-4810	Pivot - Steering (Incl. Ref. #50 & 55)	1
29	3296-51	Nut - Lock	1
30	21-0151	Joint - Ball L.H.	2
31	3220-12	Nut - Jam L.H.	2
32	63-6880	Rod - Tie	2
33	3220-5	Nut - Jam R.H.	2
34	21-0141	Joint - Ball R.H.	2
35	93-3196	Spindle - Wheel R.H.	1
36	67-7300	Screw Hex Hd.	1
37	76-3000	Axle-Rear (Incl. Ref. #9 & 11)	1
38	32153-6	Nut - Hex Lock	1
39	67-7250	Spacer Cyl.	1
40	76-2070	Cylinder - Steering	1
41	328-25	Screw - Cap Hex. Hd.	1
43	3220-3	Nut - Jam	8
44	340-103	Fitting - 45° Elbow (Incl. Ref. #45 & 47)	1
45	237-78	Seal - O-Ring	2
46	340-92	Fitting - Straight	1
47	237-21	Seal - O-Ring	2
48	56-2460	Washer - Flat	A/R
49	32128-45	Nut - Flange Lock	1
50	302-62	Fitting - Grease	1
51	3256-22	Washer - Flat	1

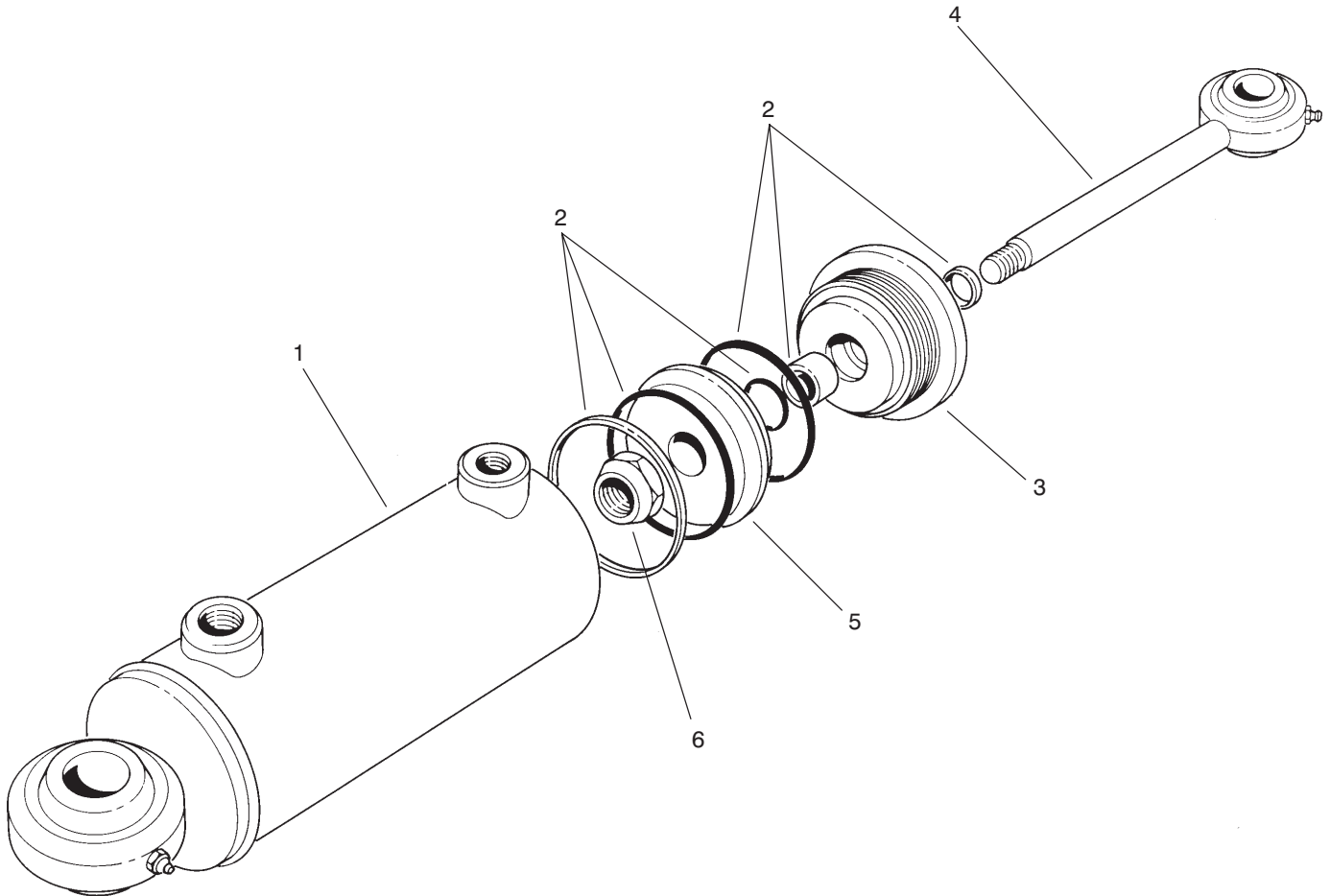


T-0540-1

REAR AXLE ASSEMBLY (Continued)

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

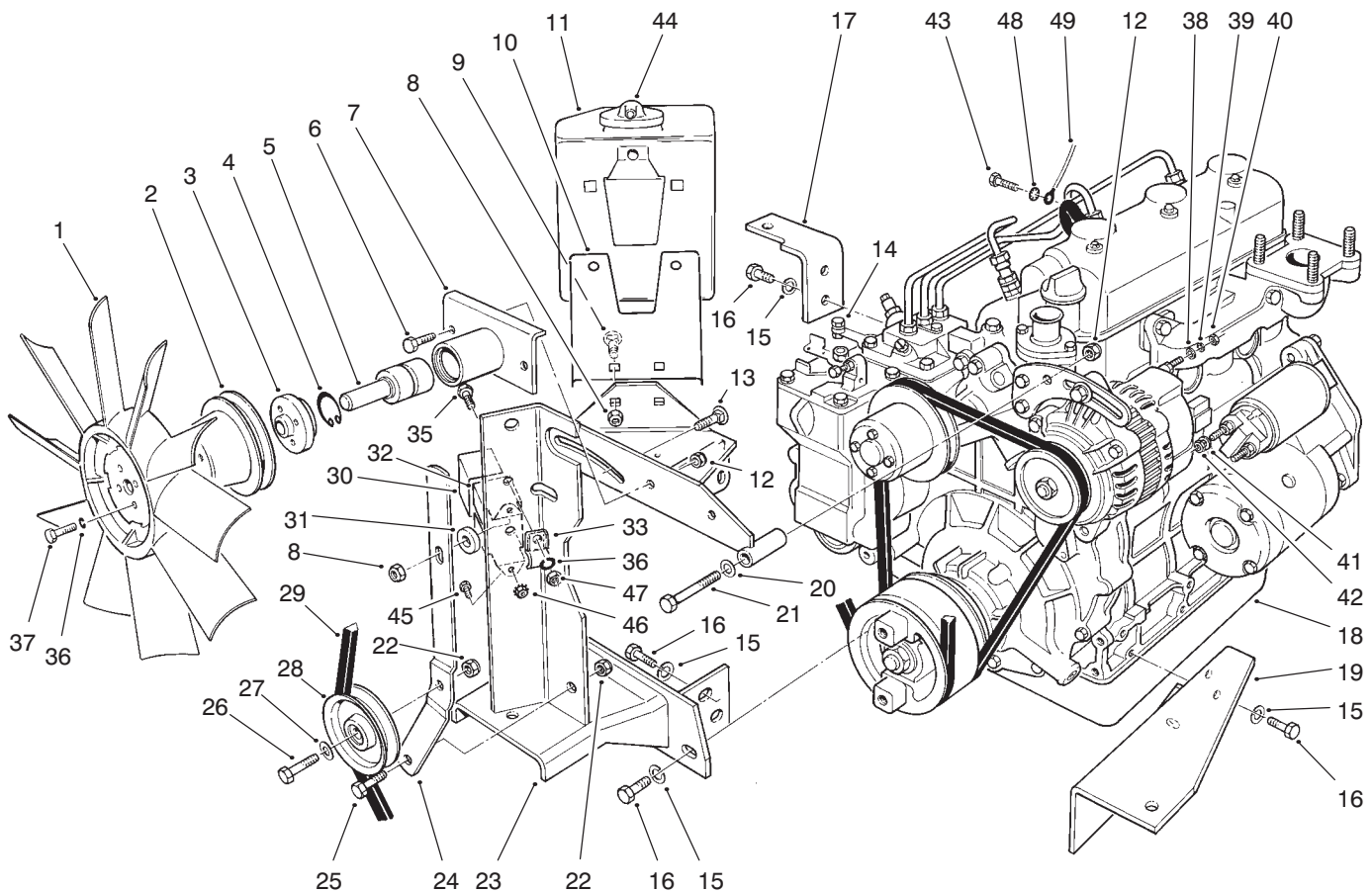
Ref. No.	Part No.	Description	No. Used
55	76-2970	Bushing	2
56	3256-24	Washer – Flat	2
57	93-0307	Nut – Retainer, Lock	2



T-0541-1

HYDRAULIC CYLINDER NO. 76-2070

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	66-2770	Tube – Cylinder	1	4	76-2080	Assembly – Piston Rod	1
2	76-2090	Kit – Seal	1	5	66-1940	Piston	1
3	76-2790	Gland	1	6	66-1930	Nut – Lock	1

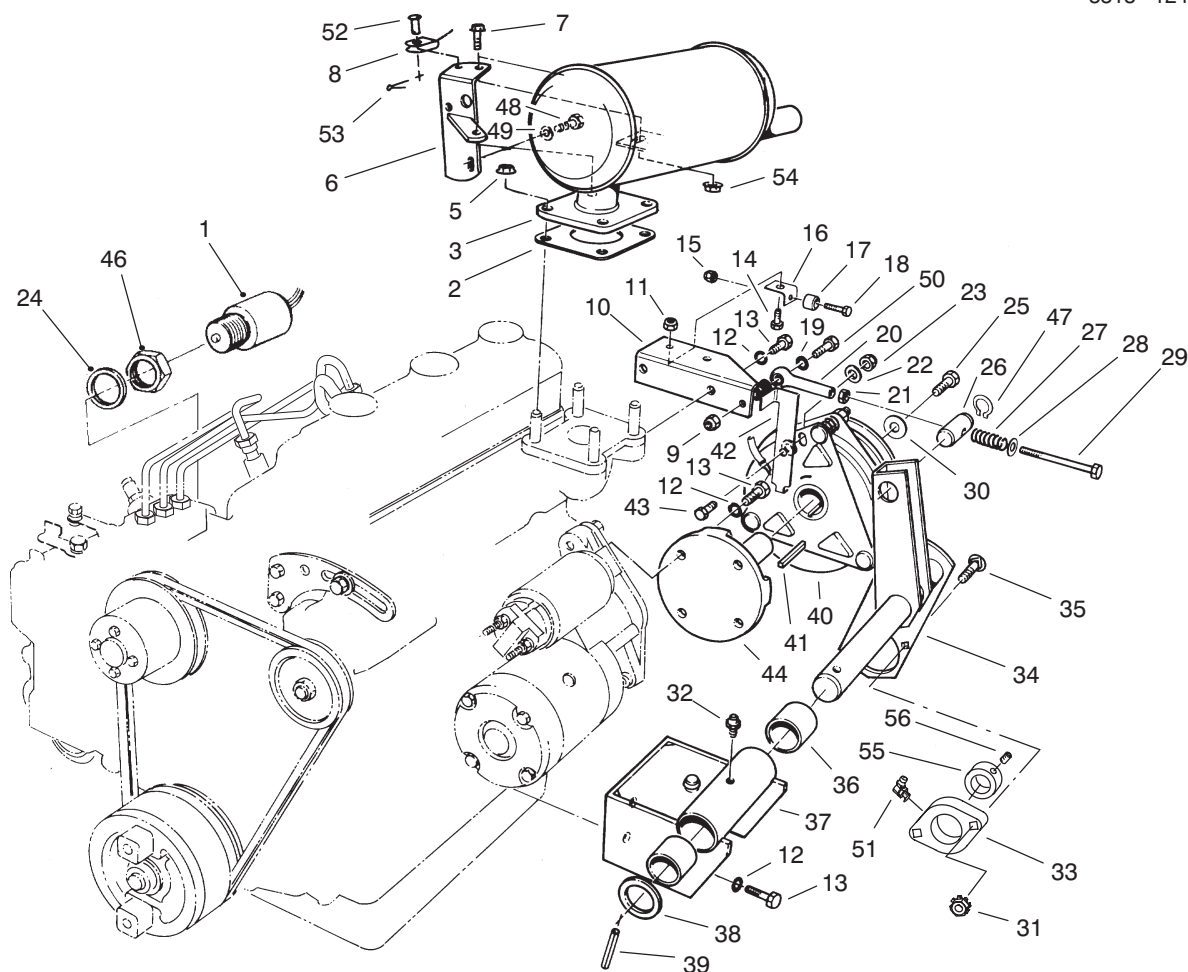


T-0542-2

ENGINE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	84-1880	Fan - Cooling	1
2	84-1890	Pulley - Fan	1
3	84-1930	Hub - Fan	1
4	32120-10	Ring - Retaining	1
5	36-7290	Shaft & Bearing	1
6	322-4	Screw	2
7	84-1940	Hub	1
8	32128-20	Nut - Flange	3
9	3230-23	Bolt - Carriage	2
10	66-2440	Plate - Reservoir	1
11	63-7380	Tank - Expansion (Incl Ref. #44)	1
12	3296-29	Nut - Lock	3
13	3230-2	Bolt - Carriage	1
14	63-6760	Swivel - Throttle Cable	1
15	48-9590	Washer - Lock	8
16	63-7790	Screw	8
17	71-2910	Angle - Engine Mount	1
18	94-3558	Engine (Serial No. 60001-60386)	1
18	94-9432	Engine (Serial No. 60387 & Up)	1
19	66-2320	Mount - Engine	1
20	3256-23	Washer - Flat	1
21	322-11	Screw - Cap Hex. Hd.	1
22	3296-39	Nut - Lock	2
23	84-1870	Bracket WA.	1

Ref. No.	Part No.	Description	No. Used
24	63-6720	Lever - Idler	1
25	323-6	Screw - Cap Hex. Hd.	1
26	323-8	Screw - Cap Hex. Hd.	1
27	3256-24	Washer - Flat	1
28	63-8140	Pulley	1
29	92-8876	Belt - Fan	1
30	70-8560	Retainer - Glow Plug	1
31	52-2340	Spacer	1
32	66-8700	Indicator - Glow (Incl. Ref. #30)	1
33	3-6657	Clip - Skid	1
35	321-4	Screw - Cap Hex. Hd.	1
36	3253-3	Washer - Lock	5
37	321-3	Screw - Cap Hex. Hd.	4
38	5-3637	Washer - Flat	1
39	43-5920	Washer - Lock	1
40	43-5970	Nut - Hex.	1
41	42-9850	Washer - Lock	2
42	57-6390	Nut - Hex.	2
43	48-7700	Screw - Hex.	1
44	71-1520	Cap - Reservoir	1
45	32105-8	Screw	2
46	32149-7	Nut - Keps	2
47	3217-5	Nut - Hex.	1
48	3254-2	Washer - Lock, Int. Tooth	1
49	63-7340	Wire - Ground	1

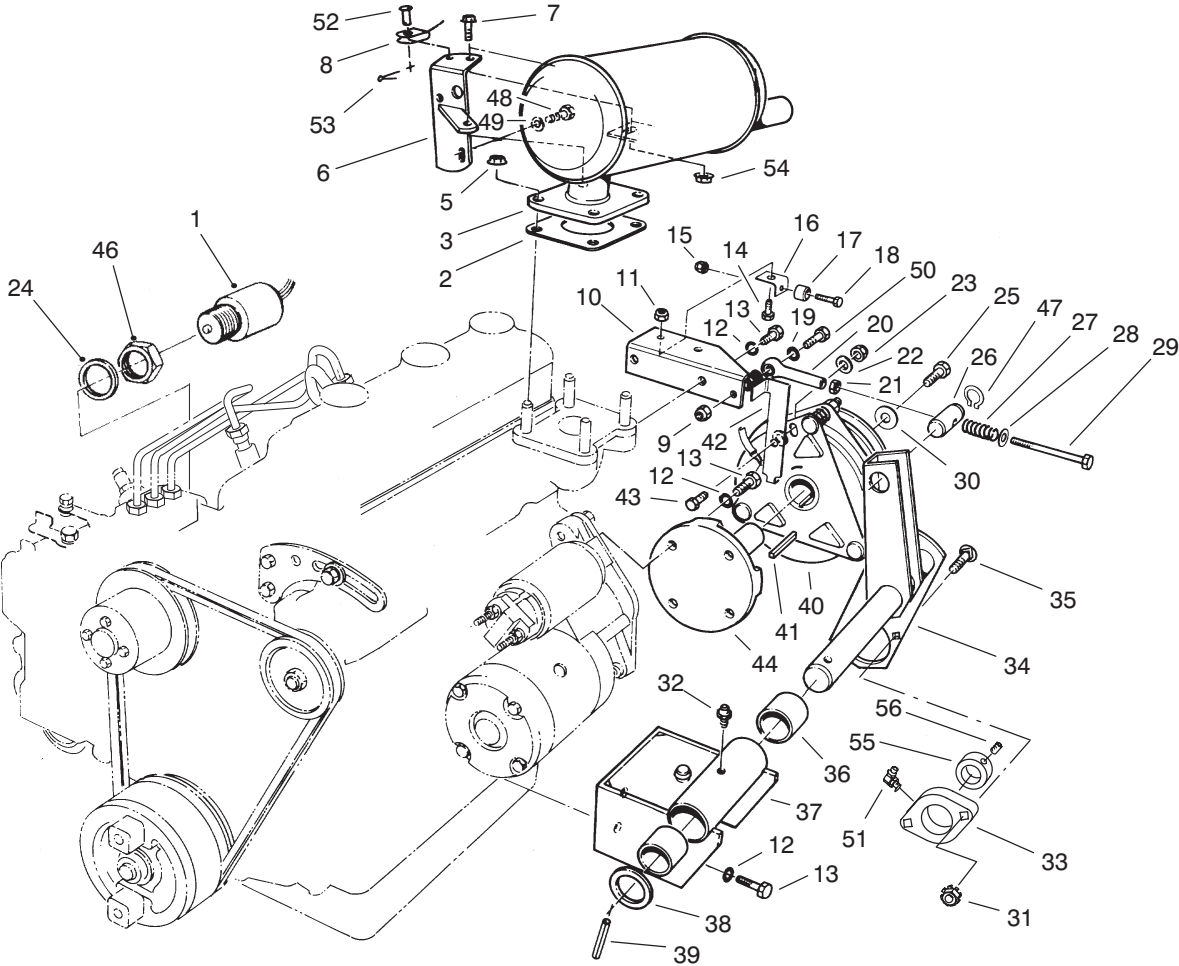


T-0543-2

POWER TAKE OFF ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	63-7440	Solenoid - Stop	1	25	3212-5	Screw	1
2	53-8130	Gasket - Exhaust	1	26	63-6290	Pin - Tension	1
3	84-1910	Muffler	1	27	3-6624	Spring	1
*	75-6880	Spark Arrester Screen (Optional)	1	28	4-2390	Washer	1
5	68-9400	Nut - Hex.	4	29	66-3100	Screw	1
6	66-2360	Support - Muffler	2	30	67-1631	Spacer	1
7	3234-29	Screw - Cap Hex. Flange Hd.	1	31	32149-1	Nut - Keps	2
8	66-2870	Cable - Hood Stop	1	32	302-5	Fitting - Grease	1
9	3296-29	Nut - Lock	1	33	92-8799	Bearing	1
10	93-9991	Bracket	1	34	63-6250	Shaft - PTO Tension	1
11	3296-42	Nut - Lock	2	35	3230-4	Bolt - Carriage	2
12	48-9590	Washer - Lock	10	36	256-299	Bushing	2
13	63-7790	Screw	10	37	67-1800	Pivot Plate (Incl. Ref. #32 & 36)	1
14	321-3	Screw - Cap Hex. Hd.	2	38	3-4324	Washer	1
15	3296-9	Nut - Lock	2	39	32121-32	Pin - Roll	1
16	63-8230	Angle - Clutch Anchor	2	40	63-6050	Clutch - Electric	1
17	66-2910	Bumper - Rubber	2	41	63-8150	Key	1
18	3250-39	Screw - Pan Head	2	42	63-6690	Lever - Clutch Anchor	1
19	3256-23	Washer - Flat	4	43	323-34	Screw - Cap Hex. Hd.	1
20	66-2900	Tie Rod End	1	44	63-6030	Hub - Clutch	1
21	3220-2	Nut - Jam	1	46	43-2750	Nut - Jam	1
22	3256-24	Washer - Flat	2	47	32151-83	Snap Ring	2
23	3296-59	Nut - Lock	1	48	66-3160	Screw	1
24	43-2740	Gasket	1	49	48-8030	Washer - Flat	1

*Not Illustrated



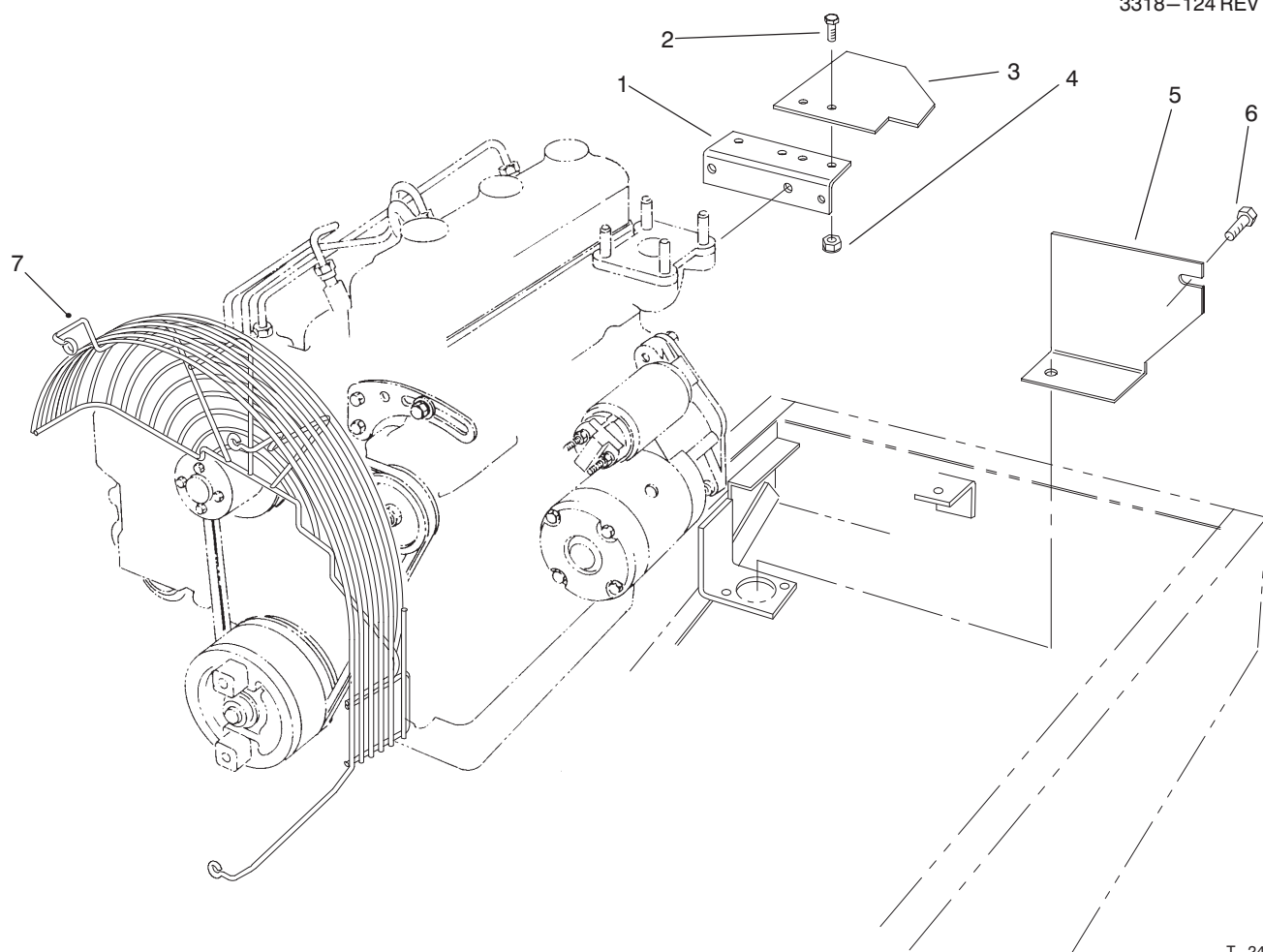
T-0543-2

POWER TAKE OFF ASSEMBLY

Ref. No.	Part No.	Description	No. Used
50	322-6	Screw - Cap Hex. Hd.	1
51	302-40	Fitting - Grease	1
52	283-58	Pin - Clevis	1
53	3272-10	Pin - Cotter	1

Ref. No.	Part No.	Description	No. Used
54	32128-28	Nut - Lock	1
55	251-77	Colar - Locking	1
56	3245-35	Screw - Set	1

*Not Illustrated

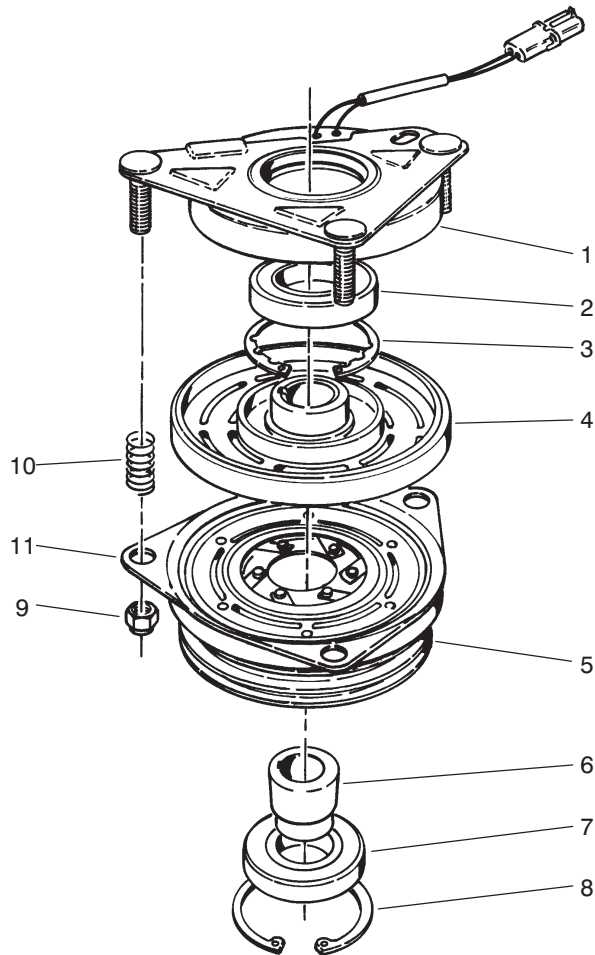


T-2418-1

CE ENGINE COMPONENT ASSEMBLY (EUROPE)

Ref. No.	Part No.	Description	No. Used
1	93-9991	Bracket - Clutch Anchor	1
2	321-3	Screw - HH	2
3	93-9990	Guard - Flywheel	1
4	3296-42	Nut - Lock	2

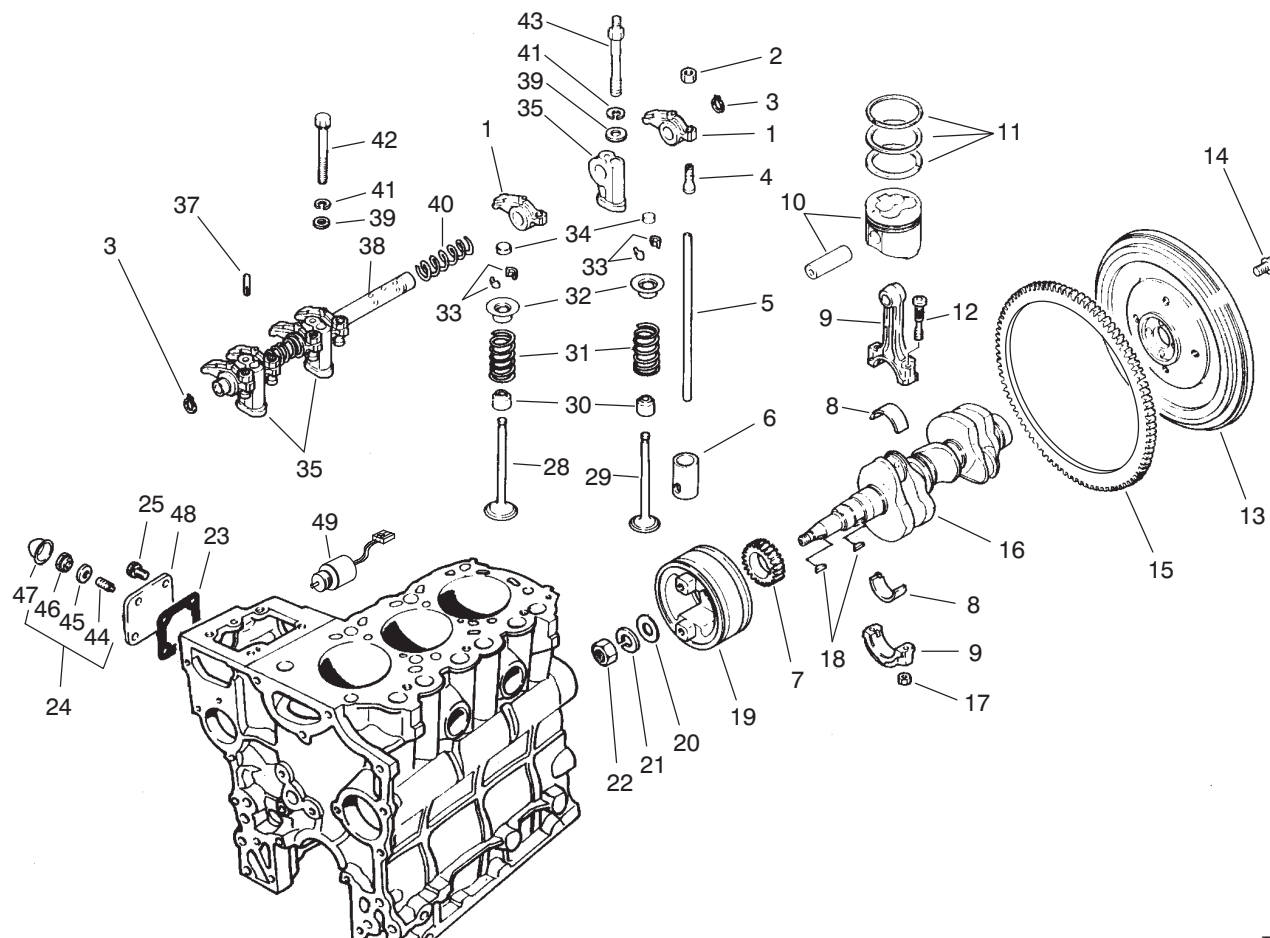
Ref. No.	Part No.	Description	No. Used
5	93-9997	Guard - Flywheel	1
6	93-9992	Screw - HH	1
7	93-9949	Guard - Fan	1



T-0544-1

CLUTCH ASSEMBLY NO. 63-6050

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

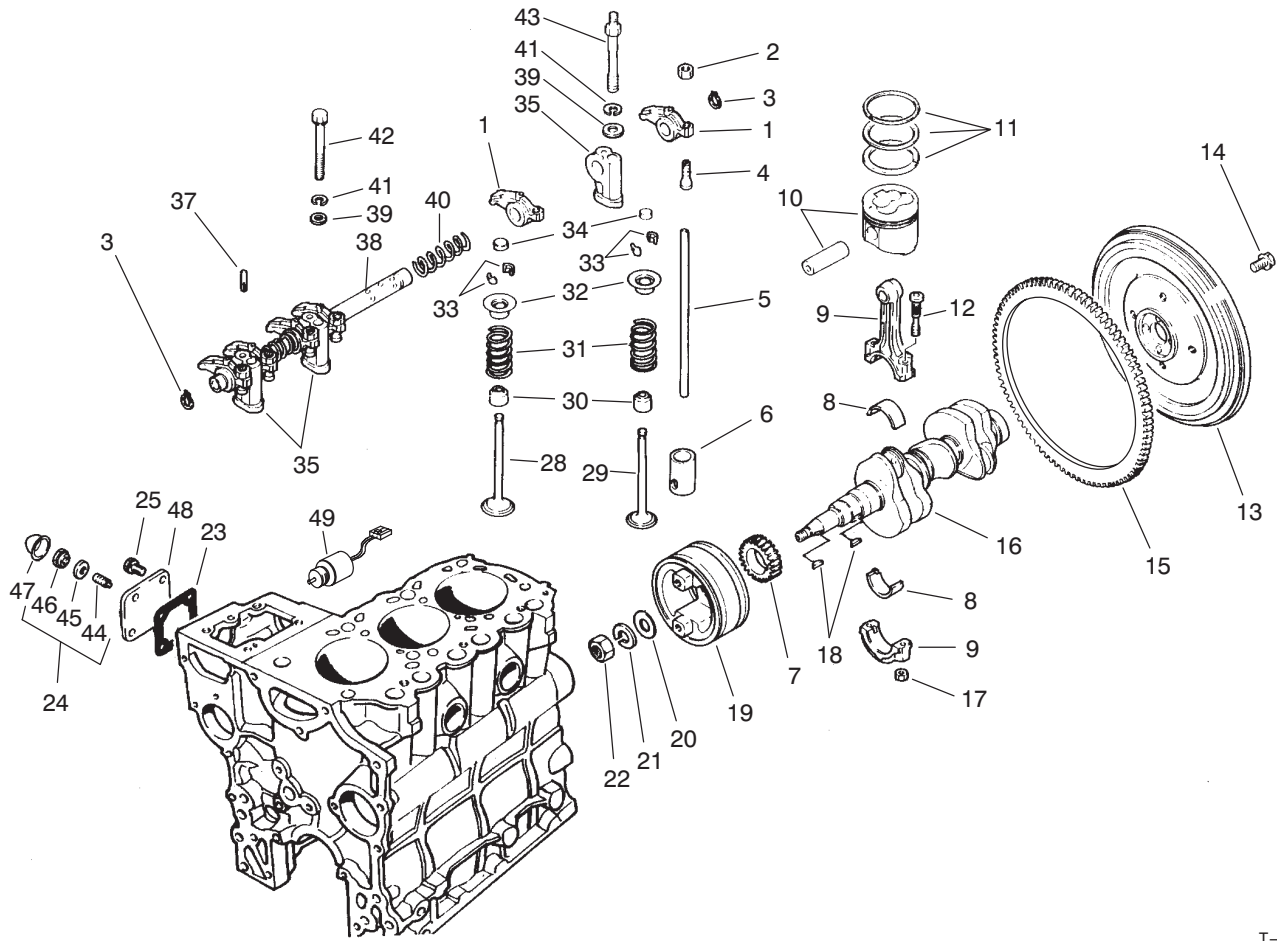


T-0565-1

VALVES AND CRANKSHAFT ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	67-3160	Arm-Rocker	6	14	67-2990	Bolt	4
2	67-3230	Nut - Jam	6	15	67-2980	Gear - Ring	1
3	67-3240	Snap Ring	2	16	92-0845	Crankshaft	1
4	67-3210	Screw - Adjusting	6	17	42-9590	Nut	6
5	67-3150	Rod-Push	6	18	56-0480	Key - Woodruff	2
6	67-3120	Tappet	6	19	67-2930	Pulley - Crankshaft	1
7	67-2910	Gear	1	20	67-2950	Washer	1
8	75-5010	Bearing Set STD	3	21	67-2960	Washer - Lock	1
*	67-2890	Bearing Set 0.25 mm US	3	22	67-2940	Nut - Jam	1
*	67-2900	Bearing Set 0.50 mm US	3	23	67-4310	Gasket	1
9	67-2850	Rod Assembly-Connecting (Incl. Ref. #12 & 17)	3	24	75-5110	Cover Assy. (Incl. Ref. #44-46)	1
10	75-5080	Piston & Pin Set STD	3	25	42-9440	Bolt W/Washer	4
*	75-5090	Piston & Pin Set 0.25 mm OS	3	28	67-3130	Valve - Intake	3
*	75-5100	Piston & Pin Set 0.50 mm OS	3	29	67-3140	Valve - Exhaust	3
11	75-5050	Ring Set STD	3	30	42-7870	Seal	6
*	75-5060	Ring Set 0.25 mm OS	3	31	67-3110	Spring	6
*	75-5070	Ring Set 0.50 mm OS	3	32	67-3100	Retainer	6
12	67-2860	Bolt	6	33	42-7860	Lock	12
13	67-2970	Flywheel Assembly (Incl. Ref. #14)	1	34	67-3180	Cap	6
				35	67-3200	Stay - Rocker	3
				37	67-3220	Pin	1
				38	67-3190	Rocker Shaft Assembly	1

*Not Illustrated

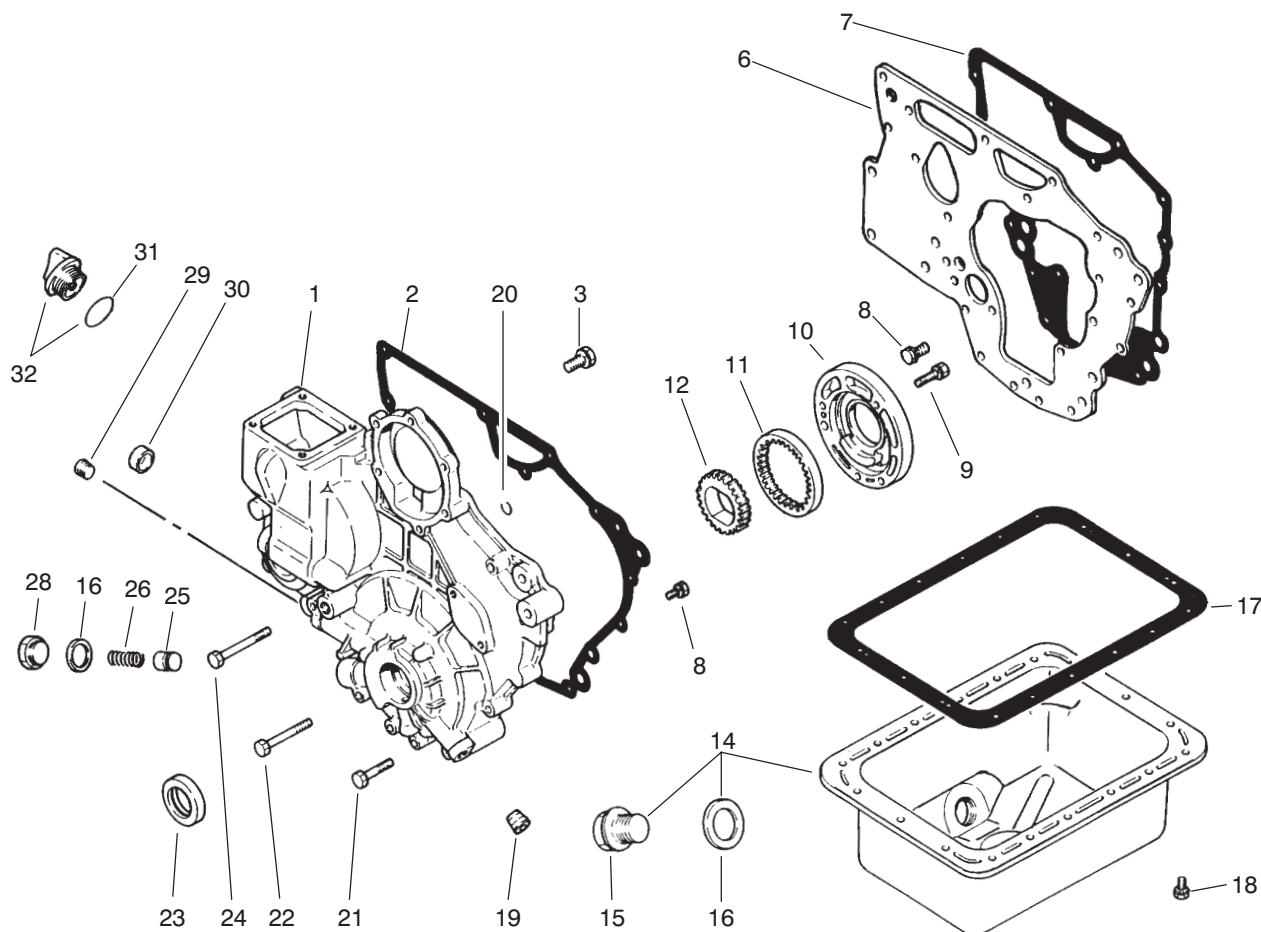


T-0565-1

VALVES AND CRANKSHAFT ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
39	42-9660	Washer	3
40	67-3170	Spring	2
41	67-3260	Washer	3
42	42-9510	Bolt	1
43	67-3250	Bolt-Rocker Stay	2
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
48	67-4250	Cover - Tie Rod	1
49	63-7440	Solenoid - ETR Stop	1

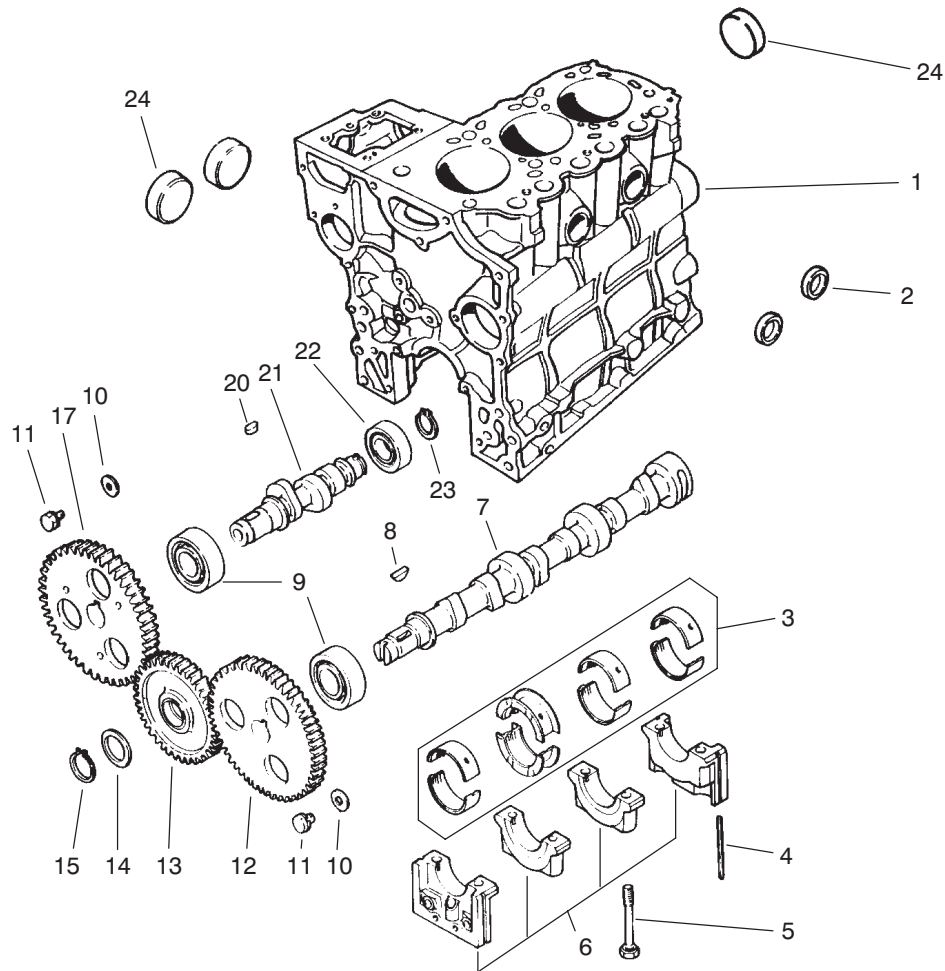


T-0567-1

CRANKCASE ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	94-1259	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

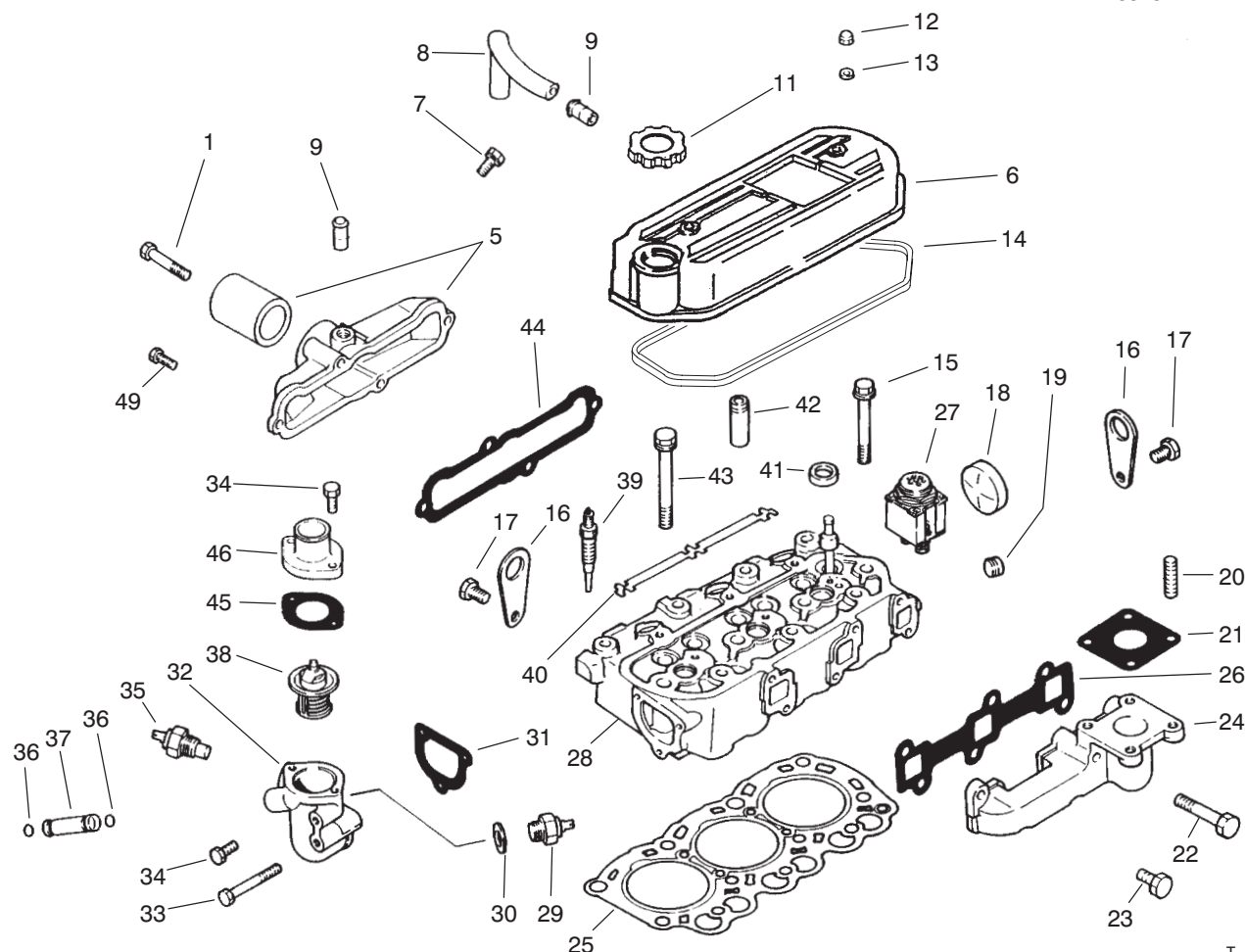


T-0564-1

CAMSHAFT ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	94-1257	Block Assembly (Incl. Ref. #2, 5, 6 & 24)	1	10	67-3000	Washer	2
2	42-7080	Cap	2	11	42-9490	Bolt W/Washer	2
3	75-4900	Bearing Set STD	1	12	67-3020	Gear	1
*	67-2410	Bearing Set 0.25 mm US	1	13	67-3090	Gear Assembly	1
*	67-2420	Bearing Set 0.50 mm US	1	14	67-3040	Plate	1
4	67-2200	Seal	4	15	56-1060	Snap Ring	1
5	67-2250	Bolt	8	17	67-3070	Gear	1
6		Cap Assembly	1	20	42-7840	Key	1
7	67-3010	Cam Shaft	1	21	67-3060	Shaft	1
8	56-0480	Key - Woodruff	1	22	67-3050	Bearing	1
9	67-3030	Bearing	2	23	67-3080	Snap Ring	1
				24	56-0020	Plug	3

*Not Illustrated

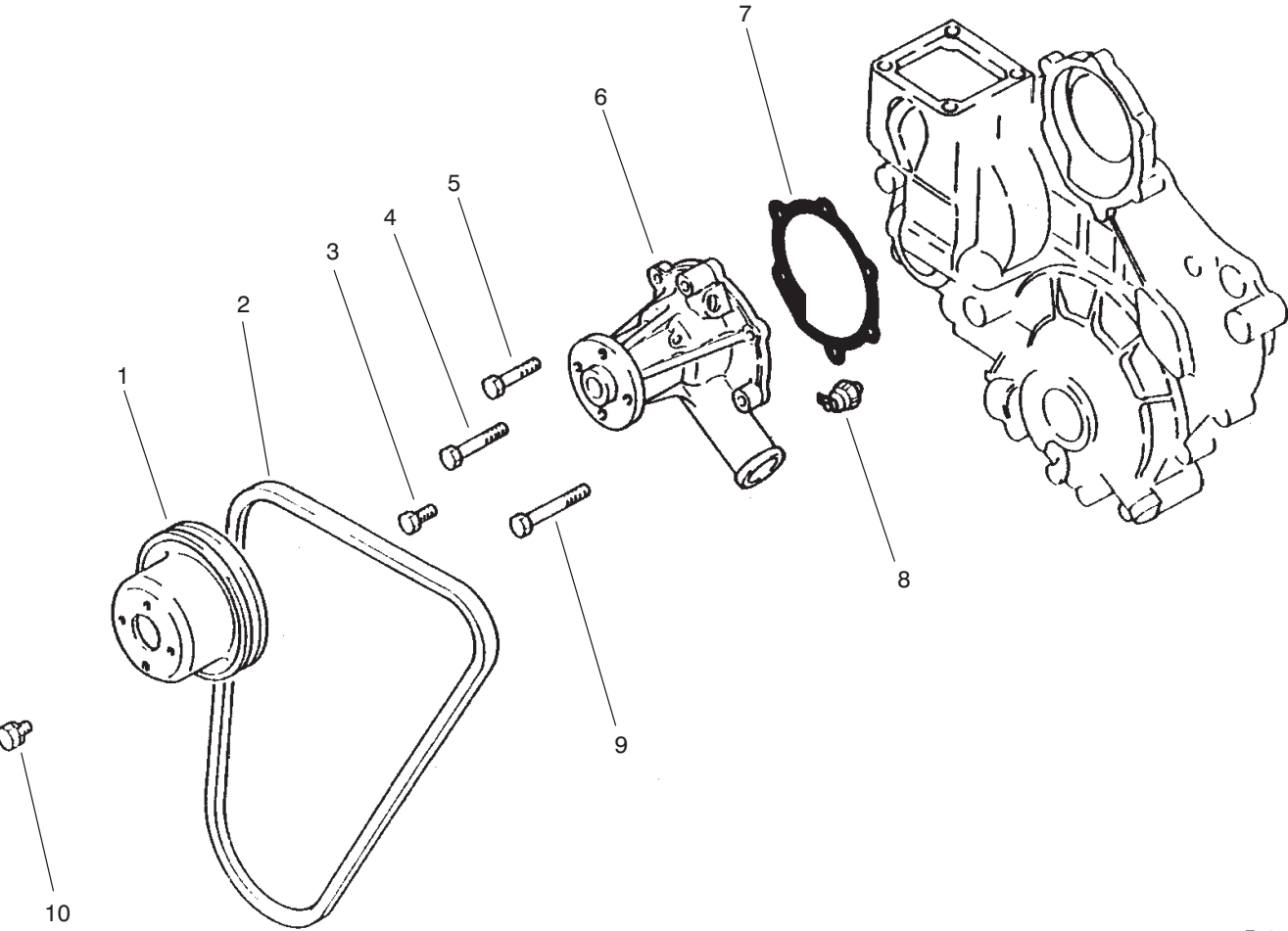


T-0566-3

CYLINDER HEAD ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	67-4400	Bolt	2
5	94-3533	Cover Assembly – Intake (Incl. Ref. #9)	1
6	92-0846	Cover Assembly (Incl. Ref. #9)	1
7	42-9430	Bolt W/Washer	1
8	67-2670	Hose – Breather	1
9	42-7510	Pipe	2
11	92-0847	Cap – Oil Filler	1
12	67-2770	Nut – Cap	2
13	67-2780	Washer	2
14	67-2760	Gasket	1
15	67-2740	Bolt – Flange	3
16	67-2680	Hanger – Engine	2
17	67-2340	Bolt W/Washer	4
18	56-0020	Plug – Expansion	1
19	67-2570	Plug – Taper	1
20	42-9570	Stud	4
21	42-9110	Gasket	1
22	67-4580	Bolt	2
23	67-4590	Bolt	4
24	67-4560	Manifold – Exhaust	1
25	94-1258	Gasket – Cylinder Head	1

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

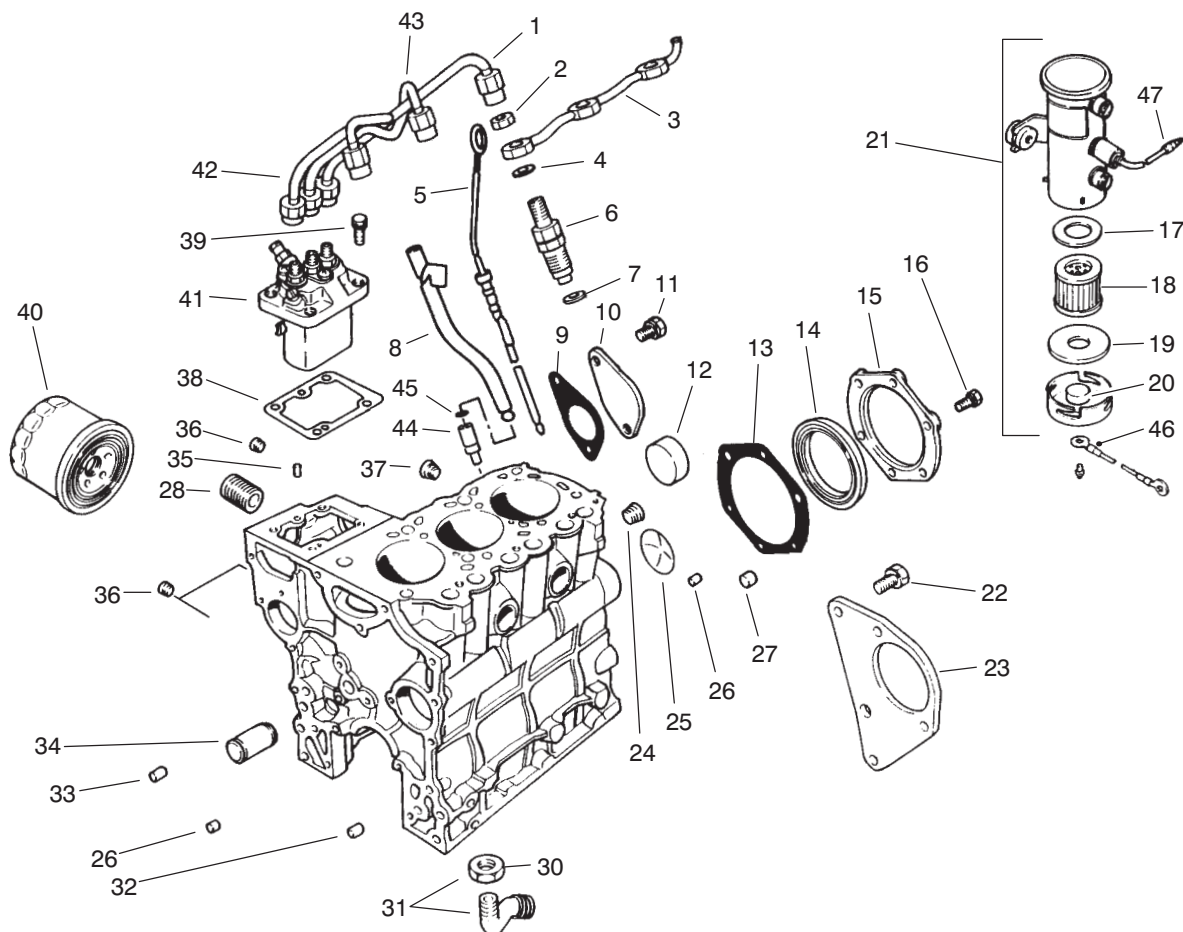


T-0568-1

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

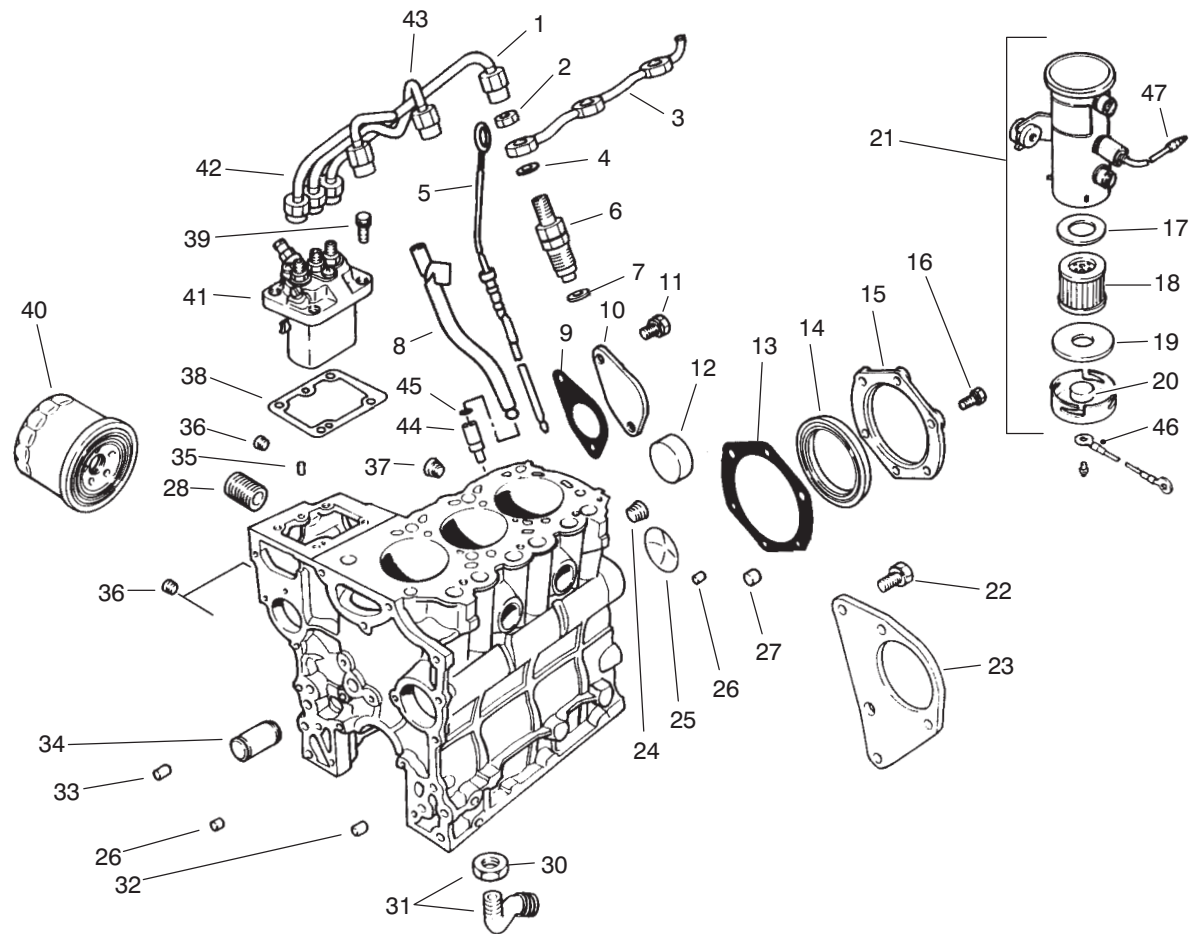


T-0569-3

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	26	67-2360	Bushing - Knock	2
2	67-3430	Nut	3	27	67-2380	Bushing - Knock	3
3	70-8700	Pipe - Fuel Return	1	28	56-1230	Shaft - Oil Filter	1
4	67-3440	Gasket	3	30	42-9650	Nut - Jam	1
5	70-8880	Dipstick	1	31	67-4340	Screen Assembly (Incl. Ref. #30)	1
6	67-3380	Nozzle & Holder Assembly	1	32	67-2370	Bushing - Knock	1
7	67-3390	Gasket - Nozzle Holder	3	33	42-7190	Bushing - Knock	2
8	70-8870	Guide - Oil Level	1	34	67-2260	Shaft-Idler	1
9	67-2300	Gasket	1	35	56-0220	Pin - Dowel	2
10	67-2290	Cover	1	36	67-2210	Plug - Taper	3
11	67-2340	Bolt W/Washer	2	37	56-0100	Plug - Taper	1
12	56-0020	Plug-Expansion	3	38	67-3280	Shim 0.2 mm	1
13	67-2280	Gasket-Seal, Oil	1	*	67-3290	Shim 0.3 mm	1
14	67-2230	Seal-Oil	1	*	67-3300	Shim 0.5 mm	1
15	67-2270	Case - Oil Seal	1	*	67-3310	Shim 0.4 mm	1
16	67-2330	Bolt	6	*	67-3320	Shim 0.6 mm	1
17	43-2570	Gasket - Coil Side	1	*	67-3330	Shim 0.7 mm	1
18	43-2550	Filter	1	*	67-3340	Shim 0.8 mm	1
19	43-2560	Gasket - Side Cover	1	*	67-3350	Shim 0.9 mm	1
20	43-2580	Magnet	1	*	67-3360	Shim 1.0 mm	1
21	53-8150	Pump Assembly (Incl. Ref. #17-20)	1	39	67-3370	Bolt W/Washer	4
22	67-2440	Bolt W/Washer	3	40	67-4330	Oil Filter Assembly	1
23	67-2430	Bracket - Starter	1	41	75-5020	Injector Pump Assembly	1
24	67-2390	Plug - Taper	1	42	67-3400	Pipe Assy. No. 1	1
25	67-2350	Plug - Expansion	1	43	67-3410	Pipe Assy. No. 2	1

*Not Illustrated

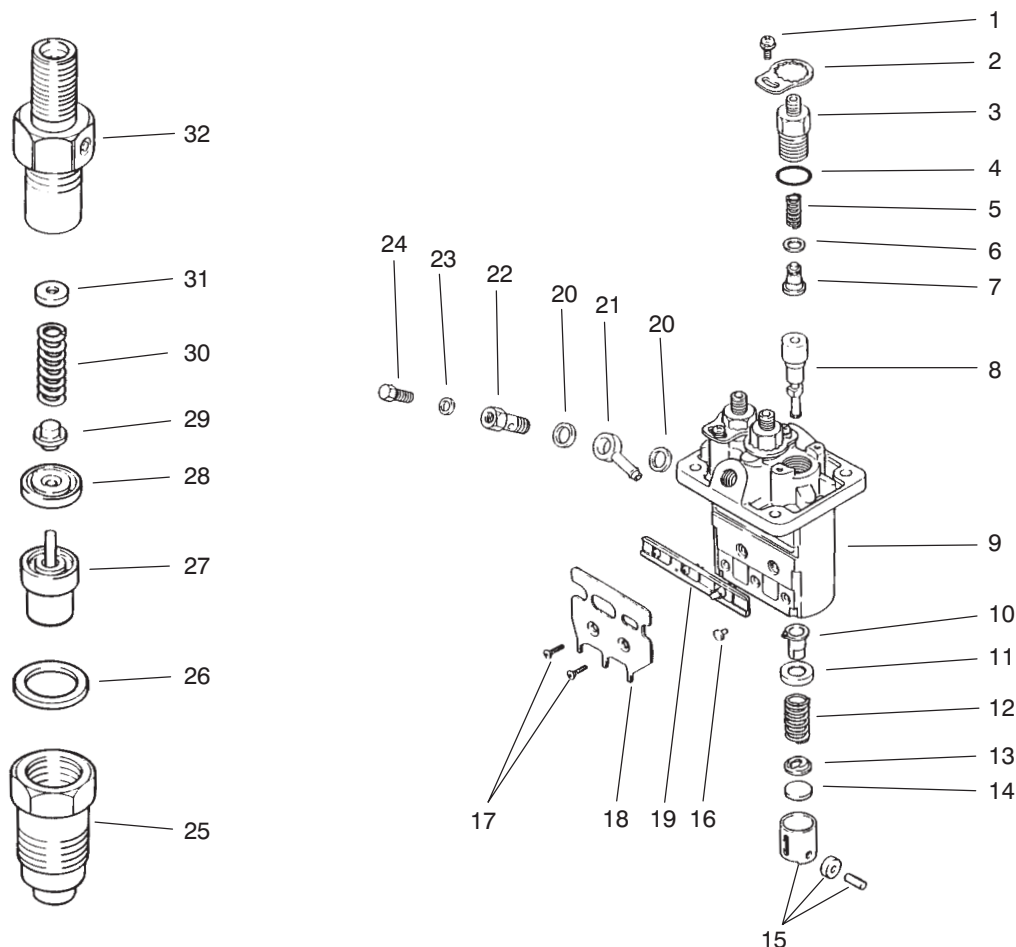


T-0569-3

FUEL SUPPLY & ENGINE BLOCK ASSEMBLY (Cont.)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
44	72-6950	Retainer -- Oil Guide	1	47	218-579	Wire -- Fuel Pump	1
45	43-2710	O-Ring	1	*	95-3074	Kit -- 400 Hour Filter (Incl. Ref. #40)	1
46	70-8530	Wire -- Fuel Pump	1				

*Not Illustrated



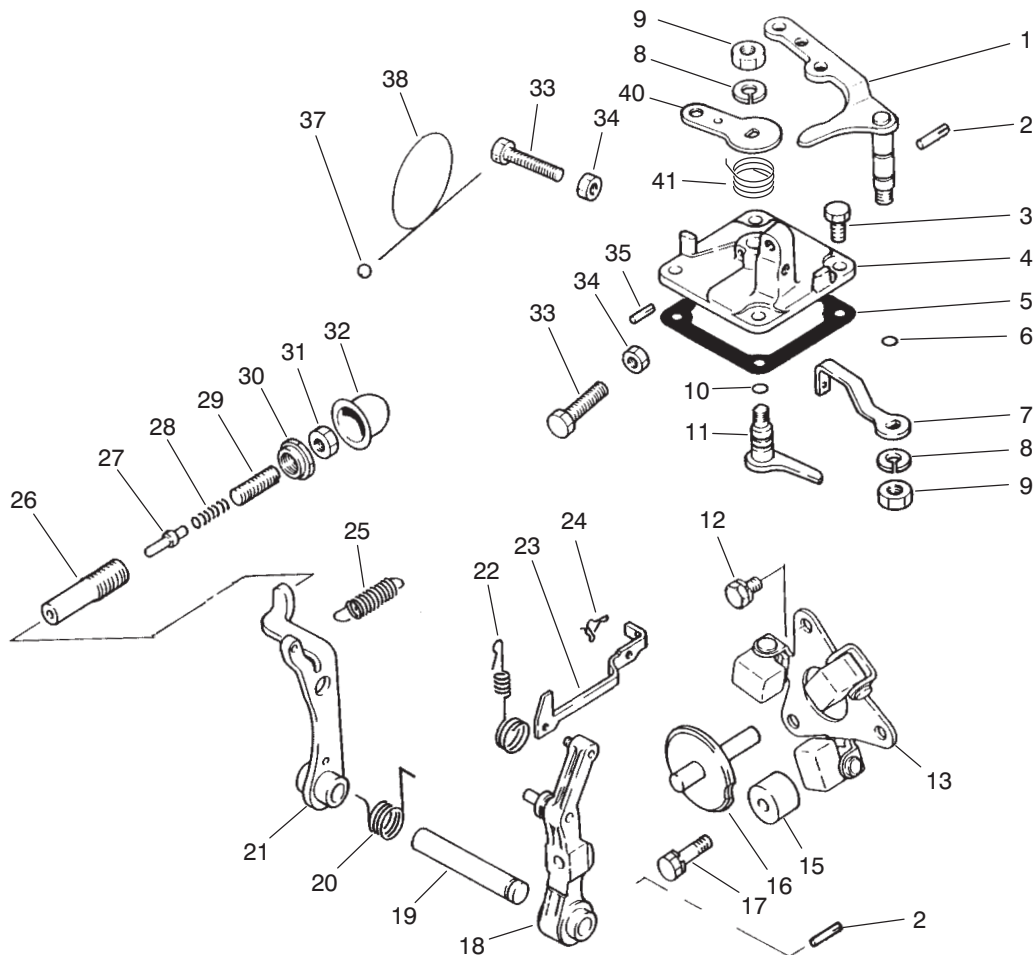
T-0570-4

FUEL INJECTION PUMP ASSEMBLY

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

Ref. No.	Part No.	Description	No. Used
17	67-3790	Screw	2
18	67-3800	Bracket - Wire Stop	1
19	67-3780	Rack	1
20	67-3750	Washer	2
21	67-3740	Nipple - Swivel	1
22	67-3730	Screw	1
23	67-3720	Washer	1
24	67-3710	Screw - Air Bleed	1
25	67-3970	Nut - Retaining	3
26	67-3980	Gasket	3
27	67-3960	Nozzle	3
28	67-3950	Piece - Distance	3
29	67-3940	Pin - Pressure	3
30	67-3930	Spring	3
31	67-3830	Washer 1.25 mm	1
*	67-3840	Washer 1.3 mm	1
*	67-3850	Washer 1.35 mm	1
*	67-3860	Washer 1.4 mm	1
*	67-3870	Washer 1.45 mm	1
*	67-3880	Washer 1.5 mm	1
*	67-3890	Washer 1.55 mm	1
*	67-3900	Washer 1.6 mm	1
*	67-3910	Washer 1.65 mm	1
*	67-3920	Washer 1.7 mm	1
32	75-5000	Body	3
*	67-3380	Nozzle and Holder Assembly (Incl. Ref. #25-32)	3
*	75-5020	Injector Pump Assembly (Incl. Ref. #1-24)	1

*Not Illustrated



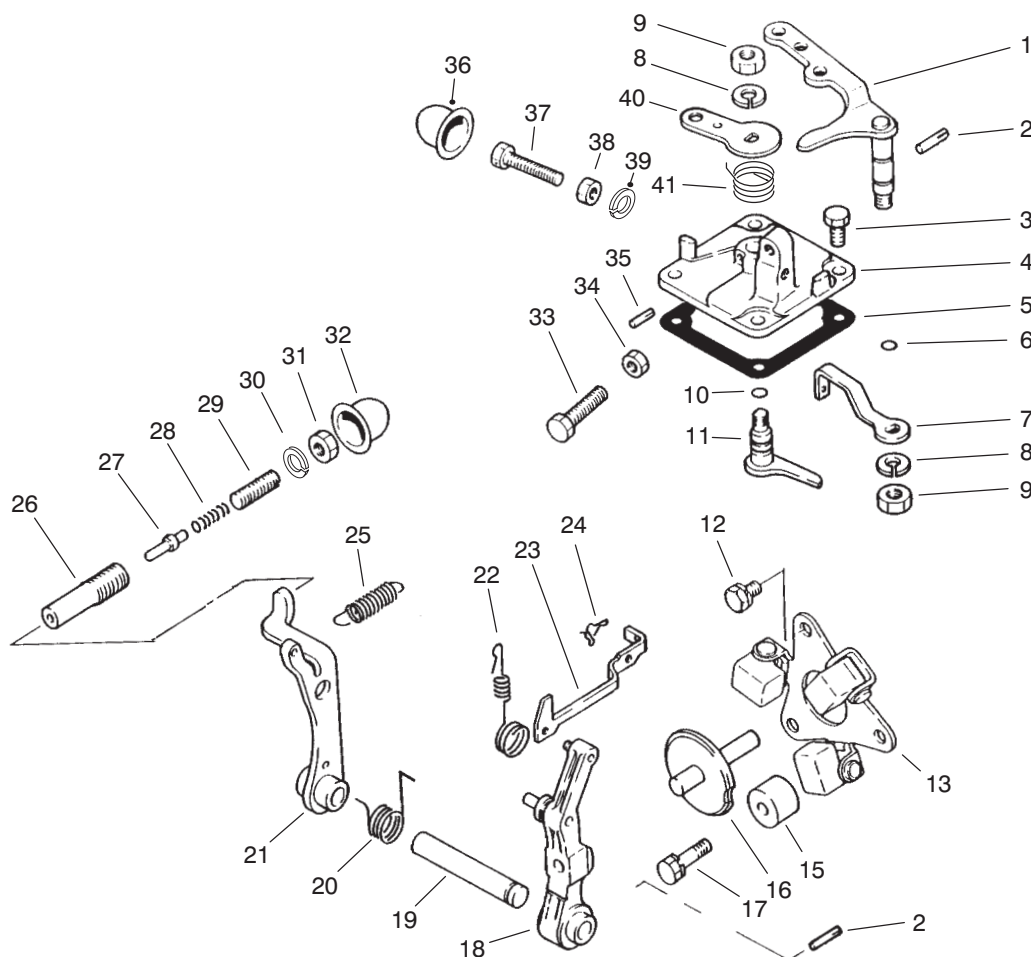
T-0571-1

GOVERNOR ASSEMBLY (Used on Serial No. 60001-60386)

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
23	67-4030	Rod - Tie	1

Ref. No.	Part No.	Description	No. Used
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
41	94-3827	Spring - Return	1
*	67-4110	Cover Assembly (Incl. Ref. #4, 8-11, 35, 40 & 41)	1
*	67-4170	Spring Set (Incl. Ref. #26-31)	1

*Not Illustrated



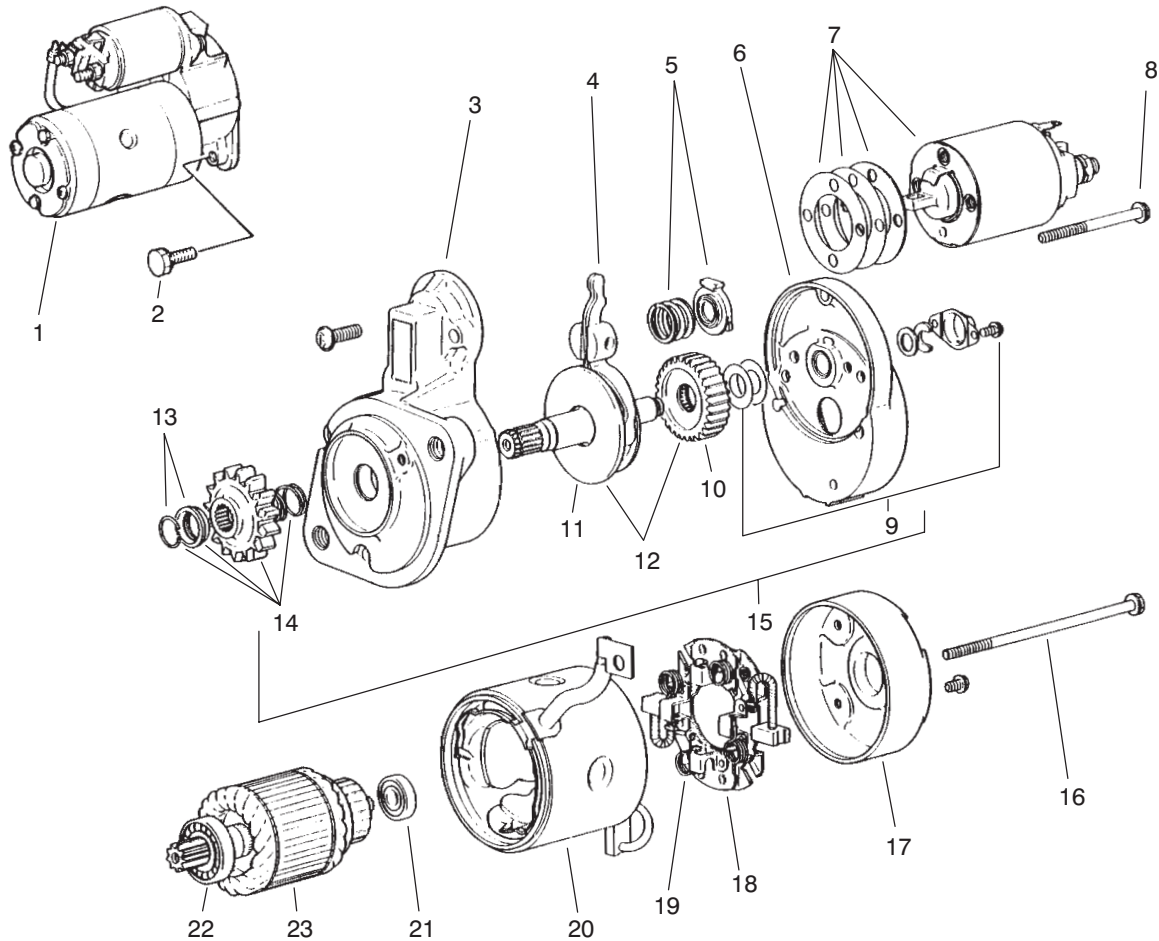
T-0571-2

GOVERNOR ASSEMBLY (Used on Serial No. 60387 & Up)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	67-3990	Lever - Speed Control	1	23	67-4030	Rod - Tie	1
2	67-4000	Pin	2	24	67-4080	Clip	1
3	67-4270	Bolt	4	25	75-4990	Spring - Governor	1
†4		Cover - Governor	1	†26		Case - Torque Spring	1
5	67-4160	Gasket	1	†27		Stopper	1
6	42-8830	Seal - O-Ring	1	†28		Spring - Torque	1
7	75-4980	Lever - Governor Spring	1	†29		Screw - Adjusting	1
8	67-3260	Washer	2	†30		Nut - Special	1
9	42-9640	Nut - Jam	2	†31		Nut	1
10	42-8830	Seal - O-Ring	1	†32		Cap - Sealing Torque Set	1
11	67-4140	Lever - Stop	1	33	95-9605	Bolt - Speed Set	1
12	42-9430	Bolt W/Washer	2	34	67-4290	Nut	1
13	67-4040	Weight Assembly	1	35	67-4120	Pin - Grooved	1
15	67-4010	Stopper	1	†36		Cover - High Speed Set	1
16	67-4070	Shaft - Sliding	1	†37		Bolt - High Speed Set	1
17	67-4280	Bolt W/Washer	1	†38		Nut - High Speed Set	1
18	67-4060	Lever - Governor	1	†39		C-Ring - High Speed Set	1
19	67-4050	Shaft - Governor	1	40	67-4150	Lever - Stop	1
20	67-5040	Spring	1	41	94-3827	Spring - Return	1
21	67-4090	Lever - Tension	1	†*		Spring Set (Incl. Ref. #26-29 & 31)	1
22	70-8720	Spring - Tie Rod	1				

*Not Illustrated

†Item must be serviced by a Mitsubishi Authorized Toro Dealer/Distributor.

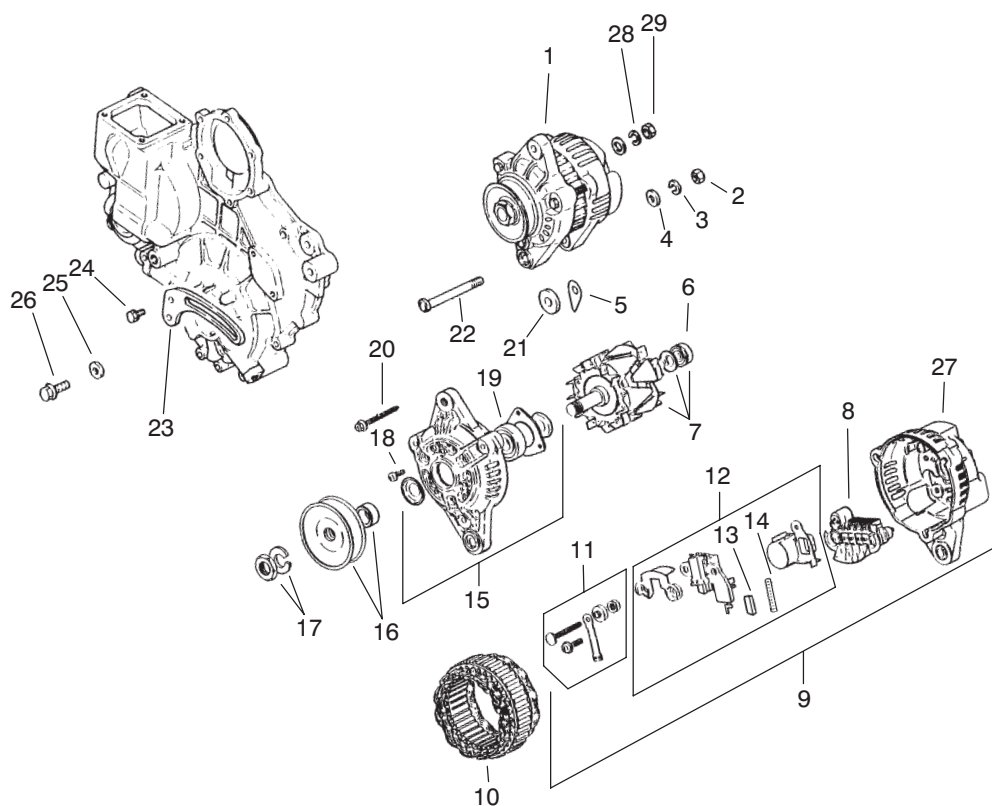


T-0572-1

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-0573-1

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

Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
3-4324	Washer	29 38 1	27-7180	Assembly - Cap	22 20 1
3-6624	Spring	29 27 1	27-7310	Decal - Refueling	1 16 1
3-6657	Clip - Skid	28 33 1	27-9620	Screw - Cap Hex. Hd.	17 29 1
3-7243	Spring - Return	5 20 2	28-0670	Oil Seal	16 13 2
4-2390	Washer	29 28 1	28-0680	Brake Drum	16 11 2
5-0652	Spacer	17 30 1	28-1280	Boot - Positive Cable	9 63 1
5-3637	Washer - Flat	28 38 1	28-3300	Bearing - Roller	19 4 1
5-7570	Washer	7 6 2	28-3310	Bearing - Needle	19 5 2
6-1659	Switch - Glow Plugs	3 13 1	28-3340	Gasket	19 49 1
7-3900	Foot Pad - Brake	5 28 2	28-3350	Pin	19 48 2
10-8110	Washer	25 10 5	28-3380	Plate - Motor Valve	19 45 1
12-5450	Screw - Thread Forming	14 15 8	28-3400	O-Ring	19 24 2
14-7149	Assembly - Hood	1 1 1	28-3420	Relief Valve Cone Charge	19 27 2
21-0141	Joint - Ball R.H.	25 34 2	28-3440	Threaded Plug	19 42 2
21-0151	Joint - Ball L.H.	25 30 2	28-3450	Washer - Flat	19 36 2
21-7670	Differential Case	14 6 1	28-3470	Lip Seal	19 34 1
21-7690	Gear - Pinion	14 10 2	28-3480	Bearing - Needle	19 33 1
21-7700	Shaft - Pinion Mate	14 7 1	28-3520	O-Ring	19 31 1
21-7720	Washer - Thrust	14 8 2	28-3530	Screw - Cap Hex. Hd.	19 30 2
21-7730	Washer - Thrust	14 11 2	28-3570	O-Ring	19 21 2
21-7770	Screw - Drive Gear	14 5 5	28-3580	Ring - Backup	19 20 2
21-7830	Cover - Gear	14 16 1	28-3590	O-Ring	19 19 2
21-7850	Cap Plug	14 27 1	28-3640	Shaft - Pump	19 12 1
21-8020	Spacer - Frt. Pinion Bearing	15 29 1	28-3650	Bearing - Ball	19 10 1
21-8090	Diff. Adjust. Shim. .003	15 35 A/R	28-3670	Shaft - Trunnion	19 8 1
21-8100	Diff. Adjust. Shim. .005	15 36 A/R	28-5220	Wheel - Friction	7 5 1
21-8110	Diff. Adjust. Shim. .010	15 37 A/R	28-8070	Lanyard	23 66 1
21-8120	Diff. Adjust. Shim. .030	15 38 A/R	29-4730	Washer - PTO	8 16 1
21-8180	Bearing - Tapered Roller	16 3 2	29-6150	Spring - Leaf	21 22 1
21-8270	Pin - Dowel	14 4 2	29-6162	Micro Switch	21 7 1
21-8360	Clip - Retaining	16 10 2	29-6170	Spring - Extended Leaf	21 5 1
21-9260	Cover - Dust	5 39 1	29-9790	Pump - Lever	21 2 1
21-9370	Adjusting Screw	16 7 2	36-7290	Shaft & Bearing	28 5 1
21-9380	Nut - Pivot	16 8 2	37-2690	Capacitor	23 53 1
21-9390	Socket - Adjusting Screw	16 6 2	37-9590	Spring - Compression	22 44 1
21-9420	Spring - Shoe Return L.H.	16 18 2	38-2670	Kit - Charge Pump	19 37 1
21-9430	Spring - Shoe Return R.H.	16 17 2	38-2680	Pin	19 32 1
21-9440	Screw - Spring Adjusting	16 14 2	42-6080	Shim - Axle	13 41 A/R
21-9450	Dust Shield	16 4 2	42-7080	Cap	36 2 2
21-9460	Retainer - Parking Brake	16 15 4	42-7190	Bushing - Knock	39 33 2
23-2270	Bushing - Rubber	17 3 1	42-7210	Plug - Taper	35 19 1
23-2300	Oil Filter	17 27 1	42-7290	Gasket - Drain	35 16 2
23-7270	Nut - Lug	13 20 10	42-7510	Pipe	37 9 2
24-8790	Gear - Bevel, Differential	14 9 2	42-7840	Key	36 20 1
24-8840	Ring - Wheel Bearing	16 22 2	42-7860	Lock	33 33 12
24-9180	Strut/Lever - Parking Brake	16 19 2	42-7870	Seal	33 30 6
25-2380	Plate - Thrust	19 15 2	42-8240	Gasket	41 6 3
25-2430	Pin	19 46 2	42-8690	Metal - Sealing	42 37 1
25-2460	Hex Hd. Plug	19 23 2	42-8700	Wire	42 38 1
25-2470	Shim Pack	19 25 A/R	42-8830	Seal - O-Ring	42 6 1
25-2480	Relief Valve Spring Charge	19 44 1	42-8830	Seal - O-Ring	43 6 1
25-2500	Shaft - Trunnion	19 2 1	42-8830	Seal - O-Ring	42 10 1
25-2510	Washer	19 3 2	42-8830	Seal - O-Ring	43 10 1
25-3210	Lip Seal	19 7 2	42-9110	Gasket	37 21 1
25-3300	Bearing - Needle	19 18 2	42-9260	Plug - Drain	35 15 1
27-2360	Switch - Ignition	3 7 1	42-9420	Bolt - Speed Set	42 33 4
27-3680	Spacer - Mounting	17 5 4	42-9430	Bolt W/Washer	37 7 1
27-3690	Gasket - Transmission	17 38 1	42-9430	Bolt W/Washer	42 12 2
27-4240	Pin - Cylinder	10 30 2	42-9430	Bolt W/Washer	43 12 2
27-4370	Hub - Pump	17 10 1	42-9440	Bolt W/Washer	35 8 11
27-6590	Spacer	17 22 2	42-9440	Bolt W/Washer	45 24 1
27-6600	Spacer - Rubber	17 15 6	42-9440	Bolt W/Washer	33 25 4
27-6851	Shaft - Axle, Flanged R.H.	16 * 1	42-9490	Bolt W/Washer	38 10 4
27-6861	Shaft - Axle, Flanged L.H.	16 1 1	42-9490	Bolt W/Washer	36 11 2
27-7100	Assembly - Air Cleaner	22 25 1	42-9490	Bolt W/Washer	35 18 18
27-7110	Assembly - Element	22 33 1	42-9510	Bolt	34 42 1
27-7120	Assembly - Nut & Gasket	22 34 1	42-9570	Stud	37 20 4
27-7130	Assembly - Clamp	22 36 1	42-9590	Nut	33 17 6
27-7140	Skirt - Baffle	22 35 1	42-9640	Nut - Jam	42 9 2
27-7150	Assembly - Cup	22 37 1	42-9640	Nut - Jam	43 9 2
27-7170	Assembly - Mounting Band	22 31 2	42-9650	Nut - Jam	39 30 1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
42-9660	Washer	45 4 1	46-2425	Shim Front Pinion Bearing	15 * A/R
42-9660	Washer	34 39 3	46-2426	Shim Front Pinion Bearing	15 * A/R
42-9850	Washer - Lock	17 19 2	46-6550	Connector 90°	13 3 1
42-9850	Washer - Lock	28 41 2	46-6560	Bushing	13 40 2
43-0370	Shim	45 5 1	46-6810	Screw - Cap Hex. Hd.	1 26 13
43-0510	Spring - Brush	45 14 2	46-7310	Relief Valve Spring Imp.	19 26 1
43-1920	Nut Set	45 17 1	46-7320	Plate - Pump Valve	19 17 1
43-2550	Filter	39 18 1	46-8091	Screw - Cap Hex. Hd.	2 43 2
43-2550	Filter	23 81 1	46-8810	Stop - Leaf Spring	21 9 1
43-2560	Gasket	23 82 1	48-1800	Kit - Cylinder Block	19 16 2
43-2560	Gasket - Side Cover	39 19 1	48-7700	Screw - Hex.	28 43 1
43-2570	Gasket	23 80 1	48-8030	Washer - Flat	29 49 1
43-2570	Gasket - Coil Side	39 17 1	48-9460	Screw - Cap Hex. Hd.	17 20 2
43-2580	Magnet	39 20 1	48-9590	Washer - Lock	29 12 10
43-2580	Magnet	23 83 1	48-9590	Washer - Lock	28 15 8
43-2710	O-Ring	40 45 1	49-7820	Variable Swashplate	19 13 1
43-2710	Seal - O-Ring	37 36 2	49-7830	Assembly - Check Valve	19 22 2
43-2740	Gasket	29 24 1	49-8200	Shaft - Motor	19 47 1
43-2750	Nut - Jam	29 46 1	51-3150	Shim	21 24 1
43-2820	Cap - Sealing	34 47 1	52-1321	Decal - Diesel Fuel	22 16 1
43-2820	Cap - Sealing Torque Set	42 32 1	52-2340	Spacer	28 31 1
43-3160	Screw - Adjusting	34 44 1	52-8890	Bracket - Mounting	21 16 2
43-4031	Cable - Battery Positive	9 62 1	52-9070	Plate - Pump	21 17 1
43-4031	Wire - Positive	4 1 1	53-4430	Decal - Oil	2 34 1
43-5320	Pulley - PTO	8 17 1	53-8130	Gasket - Exhaust	29 2 1
43-5920	Washer - Lock	28 39 1	53-8150	Pump - Fuel	22 40 1
43-5960	Nut - Special	34 46 1	53-8150	Pump Assembly	39 21 1
43-5970	Nut - Hex.	28 40 1	54-7950	Drive Shaft Assembly	9 * 1
43-6550	Ring - Retaining	14 26 1	54-8660	Washer	45 25 1
43-6710	Shim Adjusting Differential	14 18 A/R	54-9040	Yoke - End	8 32 1
43-6711	Shim Adjusting Differential	14 19 A/R	54-9050	Shaft - Slip Yoke	8 31 1
43-6712	Shim Adjusting Differential	14 20 A/R	54-9090	Yoke - End	8 28 1
43-6713	Shim Adjusting Differential	14 21 A/R	54-9170	Tube - Slip Yoke	8 29 1
43-6750	Cup - Tapered, Bearing	15 31 1	54-9180	Kit - Universal Joint	8 35 2
43-6760	Cone - Bearing, Tapered	14 13 1	56-0020	Plug	36 24 3
43-6810	Torque Spider	16 5 2	56-0020	Plug - Expansion	37 18 1
43-8600	Spring - Compression	23 54 1	56-0020	Plug-Expansion	39 12 3
43-8610	Guide - Spring & Ball Seat	23 59 1	56-0100	Plug - Taper	39 37 1
43-8620	Guide - Switch Pin	23 63 1	56-0220	Pin - Dowel	39 35 2
43-8860	Plunger - Switch	23 60 1	56-0480	Key - Woodruff	36 8 1
43-8870	Boot - Switch	23 65 1	56-0480	Key - Woodruff	33 18 2
43-9071	Switch - Seat	23 * 1	56-1060	Snap Ring	36 15 1
44-2230	Coupling - Rubber	17 16 2	56-1230	Shaft - Oil Filter	39 28 1
44-8320	Spring	32 10 3	56-1570	Bolt Set	44 8 1
44-8530	Sock - Hose	5 47 1	56-1580	Armature Set	44 23 1
46-2210	Shim Front Pinion Bearing	14 28 A/R	56-1590	Bearing - Front	44 22 1
46-2211	Shim Front Pinion Bearing	14 * A/R	56-1600	Bearing - Rear	44 21 1
46-2212	Shim Front Pinion Bearing	14 * A/R	56-1610	Bolt	44 16 1
46-2213	Shim Front Pinion Bearing	14 * A/R	56-1640	Stopper Set	44 13 1
46-2214	Shim Front Pinion Bearing	14 * A/R	56-1670	Gear	44 10 1
46-2215	Shim Front Pinion Bearing	14 * A/R	56-1680	Cover Set	44 9 1
46-2216	Shim Front Pinion Bearing	14 * A/R	56-1700	Holder - Brush	44 18 1
46-2220	Shim Front Pinion Bearing	14 * A/R	56-1710	Spring - Brush	44 19 4
46-2221	Shim Front Pinion Bearing	14 * A/R	56-1720	Bracket - Rear	44 17 1
46-2222	Shim Front Pinion Bearing	14 * A/R	56-2460	Washer - Flat	25 48 A/R
46-2223	Shim Front Pinion Bearing	14 * A/R	57-6390	Nut - Hex.	28 42 2
46-2224	Shim Front Pinion Bearing	14 * A/R	58-6320	Wiper - Seal	11 1 1
46-2225	Shim Front Pinion Bearing	15 *28 A/R	58-6400	Bushing	11 5 1
46-2226	Shim Front Pinion Bearing	15 * A/R	58-6420	Assembly - Cap	11 8 1
46-2410	Shim Front Pinion Bearing	15 * A/R	58-6450	O-Ring	11 2 2
46-2411	Shim Front Pinion Bearing	15 A/R	58-6460	Ring - Retaining	11 9 1
46-2412	Shim Front Pinion Bearing	15 * A/R	59-9740	Assy. - Latch, Flex. Draw	2 47 1
46-2413	Shim Front Pinion Bearing	15 * A/R	62-5550	Decal - TORO	2 37 1
46-2414	Shim Front Pinion Bearing	15 * A/R	62-7020	Assembly - Wheel & Tire	13 * 2
46-2415	Shim Front Pinion Bearing	15 * A/R	62-7400	Decal - Toro	17 18 1
46-2416	Shim Front Pinion Bearing	15 * A/R	62-7650	Gasket	13 38 1
46-2420	Shim Front Pinion Bearing	15 * A/R	63-6020	Hose - Lower	12 21 1
46-2421	Shim Front Pinion Bearing	15 A/R	63-6030	Hub - Clutch	29 44 1
46-2422	Shim Front Pinion Bearing	15 * A/R	63-6050	Clutch - Electric	29 40 1
46-2423	Shim Front Pinion Bearing	15 * A/R	63-6180	Pedal - L.H. Brake	5 26 1
46-2424	Shim Front Pinion Bearing	15 *28 A/R	63-6190	Pedal - R.H.Brake	5 29 1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
63-6210	Pin - Brake	5 22 1	66-1930	Nut - Lock	27 6 1
63-6240	Belt - PTO	8 18 1	66-1940	Piston	27 5 1
63-6250	Shaft - PTO Tension	29 34 1	66-2320	Mount - Engine	28 19 1
63-6290	Pin - Tension	29 26 1	66-2330	Base - Battery	8 6 1
63-6410	Rod - Pump Control	7 15 1	66-2360	Support - Muffler	29 6 2
63-6410	Tube - Traction Control	17 1 1	66-2440	Plate - Reservoir	28 10 1
63-6430	Frame - Rear	25 3 1	66-2450	Bracket - Air Cleaner	23 74 1
63-6440	Shield - Radiator	12 27 1	66-2451	Bracket - Air Cleaner	22 29 2
63-6610	Drive Shaft	17 17 1	66-2460	Panel - Control	3 1 1
63-6630	Cylinder - Lift	10 31 2	66-2470	Plate - Tower	2 41 1
63-6690	Lever - Clutch Anchor	29 42 1	66-2490	Clamp - Battery Retainer	8 5 1
63-6720	Lever - Idler	28 24 1	66-2590	Pin - Seat Spring	22 43 1
63-6750	Link - Brake Cable	5 19 2	66-2630	Latch - Seat	22 14 1
63-6760	Swivel - Throttle Cable	9 * 1	66-2670	Bracket - Throttle	9 57 1
63-6760	Swivel - Throttle Cable	28 14 1	66-2720	Lever - Lift	10 4 1
63-6770	Pin - Rear Axle	25 7 1	66-2770	Tube - Cylinder	27 1 1
63-6880	Rod - Tie	25 32 2	66-2800	Rod - Seat Support	22 10 1
63-6890	Plate - Hinge R.H.	2 42 1	66-2870	Cable - Hood Stop	29 8 1
63-6900	Plate Hinge L.H.	1 10 1	66-2870	Cable - Hood Stop	2 45 1
63-7030	Screen - Hood	1 3 1	66-2900	Tie Rod End	29 20 1
63-7141	Mount - Shock (Red)	8 8 1	66-2910	Bumper - Rubber	29 17 2
63-7142	Mount - Shock (Yellow)	8 43 3	66-2920	Washer - Friction	9 53 2
63-7170	Anchor - Transmission	17 41 1	66-2940	Gage - Fuel	3 6 1
63-7300	Fender - R.H.	2 39 1	66-2950	Meter - Hour	3 14 1
63-7310	Fender L.H.	1 20 1	66-2960	Cluster - Warning Light	3 5 1
63-7320	Cover - Tower Rear	2 32 1	66-2990	Cap - Spindle	25 14 2
63-7340	Wire - Ground	8 1 1	66-3040	Cover - Tool Box	1 14 1
63-7340	Wire - Ground	4 2 1	66-3050	Strip - Magnetic	1 15 1
63-7340	Wire - Ground	28 49 1	66-3060	Dipstick - Differential	13 35 1
63-7380	Tank - Expansion	28 11 1	66-3100	Screw	29 29 1
63-7400	Washer - Rebound	8 42 4	66-3110	Hyd. Fitting	17 9 2
63-7410	Bracket - Bulkhead	10 37 1	66-3130	Fitting - Tee	10 12 1
63-7430	Gage - Temperature	3 15 1	66-3160	Screw	29 48 1
63-7440	Solenoid - Stop	29 1 1	66-3170	Hose	12 35 1
63-7590	Relay	22 47 2	66-3180	Tube - Vent	12 20 1
63-7600	Hose - Fuel	12 23 1	66-3200	Tread - Foot Rest L.H.	1 29 1
63-7610	Hose	9 61 1	66-3210	Tread - Foot L.H.	1 30 1
63-7620	Hose	22 19 1	66-3240	Cap - Radiator	12 6 1
63-7630	Hose	13 7 2	66-8110	Trim - Hood	1 8 1
63-7630	Hose	22 42 1	66-8120	Standpipe	13 1 1
63-7640	Sender - Fuel	13 6 1	66-8140	Hose	20 11 1
63-7700	Assembly - Frame, Screen	12 1 1	66-8140	Hose	5 31 1
63-7710	Magnetic Strip	12 2 1	66-8150	Hose	20 6 1
63-7730	Assy. - Cable, Brake R.H.	5 16 1	66-8150	Hose - Hydraulic	10 14 1
63-7731	Assy. - Cable, Brake L.H.	5 * 1	66-8170	Hose	20 12 2
63-7790	Screw	29 13 10	66-8170	Hose - Hydraulic	5 37 2
63-7790	Screw	28 16 8	66-8180	Hose	20 5 1
63-7880	Pin - Brake Latch	5 23 1	66-8180	Hose Assembly	12 10 1
63-7900	Rack - Brake	5 15 1	66-8190	Assembly - Hose, Hydraulic	10 25 1
63-7910	Rod - Brake Latch	5 9 1	66-8190	Hose	20 3 1
63-7960	Assembly - Lift Valve	11 * 1	66-8490	Hose	20 10 1
63-7960	Valve - Lift	10 6 1	66-8490	Hose Assembly	17 23 1
63-8050	Box - Control	2 40 1	66-8500	Hose	20 8 1
63-8090	Assembly - Lower Housing	14 1 1	66-8500	Hose	10 15 1
63-8140	Pulley	28 28 1	66-8500	Hose Assembly	12 30 1
63-8150	Key	29 41 1	66-8620	Tube	20 9 1
63-8230	Angle - Clutch Anchor	29 16 2	66-8620	Tube Hydraulic (Pump-Str.)	5 33 1
63-8280	Assembly - Head	8 12 1	66-8630	Tube	20 7 1
63-8290	Vent - Air	8 45 1	66-8630	Tube - Hydraulic (Str.-Lift)	5 32 1
63-8300	Element - Spin-On	8 13 1	66-8640	Assembly - Hose, Hydraulic	10 33 1
63-8310	Valve - Drain	8 40 1	66-8640	Hose	20 4 1
63-8360	Key - Ignition	3 10 1	66-8690	Lamp Harness	4 4 1
63-8410	Washer - Flat	9 70 4	66-8700	Indicator - Glow	28 32 1
63-9750	Mount	9 69 2	66-8750	Decal - Control Levers	23 56 1
65-2740	Spacer	11 10 1	66-8760	Decal - Tower L.H.	2 33 1
65-2750	Plunger	11 11 1	66-8770	Decal - Tower R.H.	2 * 1
65-2760	Spring	11 12 1	66-8800	Relay	23 50 1
65-2770	Washer	11 6 1	66-9970	Kit - Spring	6 * 1
65-2930	Assembly - Plug	11 13 1	66-9980	Kit - Seal	6 * 1
65-2950	Spring	11 7 1	66-9990	Kit - Needle Roller	6 * 1
65-5100	Handle - Hood	1 2 1	67-1631	Spacer	29 30 1

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67-1710	Decal - Interlock	22 48 1	67-2970	Flywheel Assembly	33 13 1
67-1720	Decal - Caution	1 27 2	67-2980	Gear - Ring	33 15 1
67-1750	Bushing	25 9 6	67-2990	Bolt	33 14 4
67-1800	Pivot Plate	29 37 1	67-3000	Washer	36 10 2
67-1900	Screw - Cap Hex. Hd.	17 43 1	67-3010	Cam Shaft	36 7 1
67-2200	Seal	36 4 4	67-3020	Gear	36 12 1
67-2210	Plug - Taper	39 36 3	67-3030	Bearing	36 9 2
67-2230	Seal-Oil	39 14 1	67-3040	Plate	36 14 1
67-2250	Bolt	36 5 8	67-3050	Bearing	36 22 1
67-2260	Shaft-Idler	39 34 1	67-3060	Shaft	36 21 1
67-2270	Case - Oil Seal	39 15 1	67-3070	Gear	36 17 1
67-2280	Gasket-Seal, Oil	39 13 1	67-3080	Snap Ring	36 23 1
67-2290	Cover	39 10 1	67-3090	Gear Assembly	36 13 1
67-2300	Gasket	39 9 1	67-3100	Retainer	33 32 6
67-2310	Plate - Front	35 6 1	67-3110	Spring	33 31 6
67-2320	Gasket - Plate	35 7 1	67-3120	Tappet	33 6 6
67-2330	Bolt	38 3 2	67-3130	Valve - Intake	33 28 3
67-2330	Bolt	39 16 6	67-3140	Valve - Exhaust	33 29 3
67-2330	Bolt	37 34 4	67-3150	Rod-Push	33 5 6
67-2330	Bolt	37 49 2	67-3160	Arm-Rocker	33 1 6
67-2340	Bolt W/Washer	35 3 3	67-3170	Spring	34 40 2
67-2340	Bolt W/Washer	39 11 2	67-3180	Cap	33 34 6
67-2340	Bolt W/Washer	37 17 4	67-3190	Rocker Shaft Assembly	33 38 1
67-2350	Plug - Expansion	39 25 1	67-3200	Stay - Rocker	33 35 3
67-2360	Bushing - Knock	39 26 2	67-3210	Screw - Adjusting	33 4 6
67-2370	Bushing - Knock	39 32 1	67-3220	Pin	33 37 1
67-2380	Bushing - Knock	39 27 3	67-3230	Nut - Jam	33 2 6
67-2390	Plug - Taper	39 24 1	67-3240	Snap Ring	33 3 2
67-2410	Bearing Set 0.25 mm US	36 * 1	67-3250	Bolt-Rocker Stay	34 43 2
67-2420	Bearing Set 0.50 mm US	36 * 1	67-3260	Washer	45 3 1
67-2430	Bracket - Starter	39 23 1	67-3260	Washer	42 8 2
67-2440	Bolt W/Washer	39 22 3	67-3260	Washer	43 8 2
67-2480	Gasket - Oil Pan	35 17 1	67-3260	Washer	34 41 3
67-2500	Plunger - Relief	35 25 1	67-3280	Shim 0.2 mm	39 38 1
67-2510	Spring - Relief	35 26 1	67-3290	Shim 0.3 mm	39 * 1
67-2520	Plug	35 28 1	67-3300	Shim 0.5 mm	39 * 1
67-2530	Gear - Inner	35 12 1	67-3310	Shim 0.4 mm	39 * 1
67-2540	Gear - Outer	35 11 1	67-3320	Shim 0.6 mm	39 * 1
67-2550	Housing - Oil Pump	35 10 1	67-3330	Shim 0.7 mm	39 * 1
67-2560	Bolt W/Washer	35 9 3	67-3340	Shim 0.8 mm	39 * 1
67-2570	Plug - Taper	37 19 1	67-3350	Shim 0.9 mm	39 * 1
67-2570	Plug - Taper	35 29 1	67-3360	Shim 1.0 mm	39 * 1
67-2580	Gasket - Case	35 2 1	67-3370	Bolt W/Washer	39 39 4
67-2590	Seal - Oil	35 23 1	67-3380	Nozzle & Holder Assembly	39 6 1
67-2600	Bolt	38 5 1	67-3380	Nozzle and Holder Assembly	41 * 3
67-2600	Bolt	35 21 3	67-3390	Gasket - Nozzle Holder	39 7 3
67-2610	Bolt	38 9 2	67-3400	Pipe Assy. No. 1	39 42 1
67-2610	Bolt	35 22 4	67-3410	Pipe Assy. No. 2	39 43 1
67-2620	Bolt	35 24 1	67-3420	Pipe Assy. No. 3	39 1 1
67-2630	Seal - O-Ring	35 20 2	67-3430	Nut	39 2 3
67-2640	Cap	35 30 1	67-3440	Gasket	39 4 3
67-2650	Oil Fill Cap Assembly	35 32 1	67-3460	Housing-Pump	41 9 1
67-2660	Seal - O-Ring	35 31 1	67-3480	Seal - O-Ring	41 4 3
67-2670	Hose - Breather	37 8 1	67-3490	Spring	41 5 3
67-2680	Hanger - Engine	37 16 2	67-3500	Valve	41 7 3
67-2700	Guide - Valve	37 42 6	67-3520	Sleeve	41 10 3
67-2710	Cap - Sealing	37 41 3	67-3530	Seat - Spring Upper	41 11 3
67-2730	Bolt	37 43 8	67-3540	Spring	41 12 3
67-2740	Bolt - Flange	37 15 3	67-3550	Seat - Spring Lower	41 13 3
67-2760	Gasket	37 14 1	67-3560	Plate - Shim 1.85 mm	41 14 1
67-2770	Nut - Cap	37 12 2	67-3570	Plate - Shim 1.9 mm	41 * 1
67-2780	Washer	37 13 2	67-3580	Plate - Shim 1.95 mm	41 * 1
67-2850	Rod Assembly-Connecting	33 9 3	67-3590	Plate - Shim 2.0 mm	41 * 1
67-2860	Bolt	33 12 6	67-3600	Plate - Shim 2.05 mm	41 * 1
67-2890	Bearing Set 0.25 mm US	33 * 3	67-3610	Plate - Shim 2.1 mm	41 * 1
67-2900	Bearing Set 0.50 mm US	33 * 3	67-3620	Plate - Shim 2.15 mm	41 * 1
67-2910	Gear	33 7 1	67-3630	Plate - Shim 2.2 mm	41 * 1
67-2930	Pulley - Crankshaft	33 19 1	67-3640	Plate - Shim 2.25 mm	41 * 1
67-2940	Nut - Jam	33 22 1	67-3650	Plate - Shim 2.3 mm	41 * 1
67-2950	Washer	33 20 1	67-3660	Plate - Shim 2.35 mm	41 * 1

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67-3670	Plate - Shim 2.4 mm	41 * 1	67-4280	Bolt W/Washer	42 17 1
67-3680	Plate - Shim 2.45 mm	41 * 1	67-4280	Bolt W/Washer	43 17 1
67-3690	Plate - Shim 2.5 mm	41 * 1	67-4290	Nut	42 34 4
67-3700	Tappet	41 15 3	67-4290	Nut	43 34 1
67-3710	Screw - Air Bleed	41 24 1	67-4310	Gasket	33 23 1
67-3720	Washer	41 23 1	67-4330	Oil Filter Assembly	39 40 1
67-3730	Screw	41 22 1	67-4340	Screen Assembly	39 31 1
67-3740	Holder-Delivery Valve	41 3 3	67-4350	Switch - Oil Pressure	38 8 1
67-3740	Nipple - Swivel	41 21 1	67-4360	Pulley - Water Pump	38 1 1
67-3750	Washer	41 20 2	67-4380	Water Pump Assembly	38 6 1
67-3760	Plate - Lock	41 2 3	67-4390	Gasket - Water Pump	38 7 1
67-3770	Screw W/Washer	41 1 3	67-4400	Bolt	37 1 2
67-3780	Rack	41 19 1	67-4400	Bolt	38 4 1
67-3790	Screw	41 17 2	67-4410	V-Belt	38 2 1
67-3800	Bracket - Wire Stop	41 18 1	67-4420	Fitting - Water	37 46 1
67-3810	Pin - Tappet Guide	41 16 3	67-4430	Gasket - Fitting	37 45 1
67-3830	Washer 1.25 mm	41 31 1	67-4440	Thermostat	37 38 1
67-3840	Washer 1.3 mm	41 * 1	67-4450	Fitting - Thermostat	37 32 1
67-3850	Washer 1.35 mm	41 * 1	67-4460	Gasket - Switch	37 31 1
67-3860	Washer 1.4 mm	41 * 1	67-4470	Bolt	37 33 1
67-3870	Washer 1.45 mm	41 * 1	67-4480	Pipe - By-Pass	37 37 1
67-3880	Washer 1.5 mm	41 * 1	67-4490	Gasket	37 30 1
67-3890	Washer 1.55 mm	41 * 1	67-4500	Switch - Thermo	37 29 1
67-3900	Washer 1.6 mm	41 * 1	67-4510	Gauge Nut - Temperature	37 35 1
67-3910	Washer 1.65 mm	41 * 1	67-4550	Gasket-Intake Manifold	37 44 1
67-3920	Washer 1.7 mm	41 * 1	67-4560	Manifold - Exhaust	37 24 1
67-3930	Spring	41 30 3	67-4570	Gasket - Exhaust Manifold	37 26 1
67-3940	Pin - Pressure	41 29 3	67-4580	Bolt	37 22 2
67-3950	Piece - Distance	41 28 3	67-4590	Bolt	37 23 4
67-3960	Nozzle	41 27 3	67-4610	Bolt W/Washer	44 2 2
67-3970	Nut - Retaining	41 25 3	67-4620	Spacer	45 21 1
67-3980	Gasket	41 26 3	67-4630	Alternator Assembly	45 1 1
67-3990	Lever - Speed Control	42 1 1	67-4640	Bolt	45 22 1
67-3990	Lever - Speed Control	43 1 1	67-4660	Bolt - Flange	45 26 1
67-4000	Pin	42 2 2	67-4670	Nut	45 2 1
67-4000	Pin	43 2 2	67-4680	Plug - Glow	37 39 3
67-4010	Stopper	42 15 1	67-4690	Plate - Glow Plug	37 40 1
67-4010	Stopper	43 15 1	67-4700	Lamp - Glow	37 27 1
67-4030	Rod - Tie	42 23 1	67-4720	Lever	44 4 1
67-4030	Rod - Tie	43 23 1	67-4730	Spring Set	44 5 1
67-4040	Weight Assembly	42 13 1	67-4750	Switch	44 7 1
67-4040	Weight Assembly	43 13 1	67-4760	Shaft Assembly	44 15 1
67-4050	Shaft - Governor	42 19 1	67-4770	Pinion Set	44 14 1
67-4050	Shaft - Governor	43 19 1	67-4780	Gear Set	44 12 1
67-4060	Lever - Governor	42 18 1	67-4790	Shaft	44 11 1
67-4060	Lever - Governor	43 18 1	67-4800	Yoke	44 20 1
67-4070	Shaft - Sliding	42 16 1	67-4810	Pulley Set	45 16 1
67-4070	Shaft - Sliding	43 16 1	67-4820	Bolt Set	45 20 1
67-4080	Clip	42 24 1	67-4830	Front Bracket Assembly	45 15 1
67-4080	Clip	43 24 1	67-4840	Screw Set	45 18 1
67-4090	Lever - Tension	42 21 1	67-4850	Bearing - Front	45 19 1
67-4090	Lever - Tension	43 21 1	67-4860	Rotor Assembly	45 7
67-4110	Cover Assembly	42 * 1	67-4870	Bearing - Rear	45 6 1
67-4120	Pin - Grooved	42 35 1	67-4880	Stator	45 10 1
67-4120	Pin - Grooved	43 35 1	67-4890	Rear Cover Assembly	45 9 1
67-4130	Cover - Governor	42 4 1	67-4900	Terminal Set	45 11 1
67-4140	Lever - Stop	42 11 1	67-4910	Regulator Assembly	45 12 1
67-4140	Lever - Stop	43 11 1	67-4920	Brush	45 13 2
67-4150	Lever - Stop	42 40 1	67-4930	Rectifier	45 8 1
67-4150	Lever - Stop	43 40 1	67-5040	Spring	42 20 1
67-4160	Gasket	42 5 1	67-5040	Spring	43 20 1
67-4160	Gasket	43 5 1	67-7050	Field Rotor Assembly	32 1 1
67-4170	Spring Set	42 * 1	67-7060	Ring - Retaining	32 8 1
67-4180	Nut	42 31 1	67-7070	Armature & Pulley Assembly	32 5 1
67-4190	Spring - Torque	42 28 1	67-7080	Collar - Bearing	32 6 1
67-4200	Nut - Special	42 30 1	67-7090	Bearing - Pulley	32 7 1
67-4210	Case - Torque Spring	42 26 1	67-7100	Plate - Brake	32 11 1
67-4220	Screw - Adjusting	42 29 1	67-7120	Fusible Link	4 5 1
67-4230	Stopper	42 27 1	67-7160	Fuse Block	22 1 1
67-4270	Bolt	42 3 4	67-7180	Wire - Seat	4 9 1
67-4270	Bolt	43 3 4	67-7250	Spacer Cyl.	25 39 1

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67—9410	Washer — Flat	26 52 1	84—1870	Bracket WA.	28 23 1
68—5140	Cap — Steering Wheel	5 7 1	84—1880	Fan — Cooling	28 1 1
68—5370	Decal — Toro	5 40 1	84—1890	Pulley — Fan	28 2 1
68—7370	Wire — Glow	4 11 1	84—1910	Muffler	29 3 1
68—7380	Assembly — Connector	4 * 1	84—1930	Hub — Fan	28 3 1
68—9400	Nut — Hex.	29 5 4	84—1940	Hub	28 7 1
69—4780	Clamp — Gauge	3 18 1	84—1960	Decal — Service	1 18 1
70—7530	Spring — Compression	10 3 1	84—7580	Plate — Bushing Support	9 64 1
70—8530	Wire — Fuel Pump	40 46 1	84—7660	Clamp — Column	5 44 1
70—8560	Retainer — Glow Plug	28 30 1	84—7670	Foam — Column Support	5 43 2
70—8700	Pipe — Fuel Return	39 3 1	84—8600	Brake Shoe Set	16 16 1
70—8720	Spring — Tie Rod	42 22 1	85—4980	Switch — PTO	3 3 1
70—8720	Spring — Tie Rod	43 22 1	85—7540	Wire Harness	4 3 1
70—8760	Starter Assembly	44 1 1	85—7560	Plate — Control Panel	3 16 1
70—8770	Bracket — Front	44 3 1	86—7220	Gear — Spur	17 36 1
70—8780	Bracket — Center	44 6 1	86—7230	Gear — Spur	14 17 1
70—8870	Guide — Oil Level	39 8 1	86—7470	Diode	4 6 1
70—8880	Dipstick	39 5 1	86—7930	Upper Housing Assembly	14 22 1
71—1520	Cap — Reservoir	28 44 1	86—9640	Assembly — Axle	13 22 1
71—2910	Angle — Engine Mount	28 17 1	92—0845	Crankshaft	33 16 1
71—3384	Hose	12 9 1	92—0846	Cover Assembly	37 6 1
71—3500	Lever — Throttle	9 55 1	92—0847	Cap — Oil Filler	37 11 1
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72—6140	Cover — Rear	45 27 1	92—4848	Assembly — Gear & Pinion	15 * 1
72—6950	Retainer — Oil Guide	40 44 1	92—4909	Differential Carrier Assembly	15 * 1
72—9420	Assembly — Vent	15 40 1	92—5076	Adapter — Filter	17 45 1
74—0720	Tube — Manual	24 1 1	92—5077	Bracket — Footrest	7 27 1
75—0560	Wheel — Steering	5 6 1	92—5082	Hose	20 1 2
75—4900	Bearing Set STD	36 3 1	92—5082	Hose	17 35 2
75—4910	Oil Pan Assembly	35 14 1	92—5083	Hose	20 2 1
75—4930	Cylinder Head Assembly	37 28 1	92—5083	Hose — Hydraulic	15 41 1
75—4940	Brace — Alternator	45 23 1	92—5083	Hose — Hydraulic	17 49 1
75—4970	Element	41 8 3	92—5085	Union Filter	17 32 1
75—4980	Lever — Governor Spring	42 7 1	92—5086	Fitting — Hydraulic 45°	17 47 1
75—4980	Lever — Governor Spring	43 7 1	92—5087	Seal — Adapter, Filter	17 33 1
75—4990	Spring — Governor	42 25 1	92—5088	Fitting — 45°	15 30 1
75—4990	Spring — Governor	43 25 1	92—5512	Fitting — Hydraulic, Straight	18 52 2
75—5000	Body	41 32 3	92—5513	Transmission	17 6 1
75—5010	Bearing Set STD	33 8 3	92—5514	Footrest	7 30 1
75—5020	Injector Pump Assembly	41 * 1	92—5534	Shaft — Traction Pedal	7 26 1
75—5020	Injector Pump Assembly	39 41	92—5537	Pin — Pedal Pivot	7 8 1
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75—5050	Ring Set STD	33 11 3	92—5545	Cover — Tower Front	2 36 1
75—5060	Ring Set 0.25 mm OS	33 * 3	92—5548	Shield — Pedal Stop	2 53 1
75—5070	Ring Set 0.50 mm OS	33 * 3	92—5709	Housing	19 6 1
75—5080	Piston & Pin Set STD	33 10 3	92—5716	Center Section	19 39 1
75—5090	Piston & Pin Set	33 * 3	92—5717	Plug — Pipe	19 40 1
75—5100	Piston & Pin Set	33 * 3	92—5750	Pad — Footrest	7 31 1
75—5110	Cover Assy.	33 24 1	92—5753	R—Clamp	9 60 1
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75—6880	Spark Arrester Screen	29 * 1	92—5759	Plate — Seat	22 9 1
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76—2070	Cylinder — Steering	25 40 1	92—6500	Assembly — Frame	2 35 1
76—2080	Assembly — Piston Rod	27 4 1	92—6501	Assembly — Tool Box	1 19 1
76—2090	Kit — Seal	27 2 1	92—6503	Assembly — Shroud, Fan	12 19 1
76—2790	Gland	27 3 1	92—7308	Valve — Power Steering	5 3 1
76—2970	Bushing	26 55 2	92—7310	Bolt — Special	6 36 4
76—2980	Washer — Thrust	26 54 1	92—7314	Assembly — Column	6 * 1
76—3000	Axle—Rear	25 37 1	92—7315	Seal	6 28 1
76—4790	Pad — Rubber	1 11 1	92—7316	Nut — Push On	6 38 4
76—4810	Pivot — Steering	25 28 1	92—7317	Foam	6 39 1
76—4830	Rod — Tie	10 18 1	92—7892	Bracket — Seat Switch	23 51 1
76—8750	Plate — Warning	12 12 1	92—7894	Frame — Seat	23 55 1
77—0550	Tube — Fill	15 44 1	92—8751	Bracket — PTO Bearing	8 26 1
80—3330	Gasket	23 86 1	92—8775	Kit — Gasket, Liquid	16 * 1
80—3330	Gasket	23 86 1	92—8797	Decal — Caution	1 17 1
82—2310	Radiator Assembly	12 26 1	92—8799	Bearing	29 33 1
82—8530	Fitting	17 26 1	92—8799	Bearing — PTO Shaft	8 23 1
82—8950	Foam	2 51 2	92—8854	Bracket — Pivot	7 7 1

*Not Illustrated

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92-8855	Shaft - PTO	8 20 1	218-576	Nut - Hex.	3 4 1
92-8873	Tank - Fuel	13 39 1	218-579	Wire - Fuel Pump	40 47 1
92-8876	Belt - Fan	28 29 1	219-17	Bulb - Light	4 * 4
92-9786	Carrier Bracket	13 33 2	231-95	Tire - 23 x 10.5 x 12	13 * 2
92-9788	Pivot Pin Assembly	13 25 2	231-101	Tire	13 18 2
93-0307	Nut - Retainer, Lock	26 57 2	231-105	Tire	25 18 2
93-0309	Washer - Tab	25 22 2	232-27	Valve Stem w/Cap	13 21 2
93-3102	Cap - Fuel	13 11 1	232-35	Stem - Valve	25 26 2
93-3186	Decal - GM 223-D	1 5 2	233-17	Knob	5 8 1
93-3192	Decal - Hood R.H.	1 * 1	233-39	Knob	10 5 1
93-3193	Decal - Hood L.H.	1 7 1	233-39	Knob	9 54 1
93-3195	Spindle - Wheel L.H.	25 17 1	237-7	O-Ring	23 62 1
93-3196	Spindle - Wheel R.H.	25 35 1	237-21	Seal - O-Ring	25 47 2
93-4133	Lip Seal	19 9 1	237-22	O-Ring	17 25 1
93-6668	Decal - Battery Charging	9 82 1	237-22	O-Ring	10 28 2
93-6680	Decal - Diesel Fuel (Europe)	22 16 1	237-22	O-Ring	5 38 2
93-6681	Decal - Warning (Europe)	12 12 1	237-22	Seal - O-Ring	10 11 7
93-7252	Decal - CE (Europe)	2 61 1	237-30	O-Ring	5 36 2
93-7275	Decal - Starting Fluid	22 23 1	237-30	O-Ring	23 58 1
93-7276	Decal - Danger (Europe)	9 81 1	237-42	O-Ring	17 7 4
93-7805	Decal - Warning (Europe)	1 17 1	237-65	Seal - O-Ring	10 9 5
93-7822	Decal - Refueling (Europe)	1 16 1	237-78	O-Ring	18 551 3
93-7823	Decal - Oil (Europe)	2 34 1	237-78	Seal - O-Ring	25 45 2
93-7830	Decal - Torque (Europe)	1 27 1	237-79	O-Ring	17 46 2
93-7833	Decal - Control Levers	23 56 1	237-136	Grommet	13 12 3
93-7834	Decal - Traction Pedal	2 38 1	241-119	Cap - Hub	25 25 2
93-7835	Panel - Control (Europe)	3 1 1	242-34	Stud - Axle Flange	16 9 10
93-7840	Decal - Radiator Cap	12 * 1	2411-36	End - Rod	7 18 1
93-8473	Bracket - Latch, RH	2 * 1	2412-4	R-Clamp	17 40 1
93-8474	Bracket - Latch, LH	2 63 1	2412-34	Clamp - Hose	12 17 4
93-8742	Foot Pad - Brake (Europe)	5 28 2	2412-34	Clamp - Hose	15 42 2
93-9940	Hose - Upper	12 18 1	2412-36	Clamp	5 34 2
93-9949	Guard - Fan	31 7 1	2412-36	Clamp	13 37 1
93-9990	Guard - Flywheel	31 3 1	2412-36	Clamp - Hose	10 13 3
93-9991	Bracket	29 10 1	2412-42	Clamp - Hose	22 22 1
93-9991	Bracket - Clutch Anchor	31 1 1	2412-74	R-Clamp	23 52 1
93-9992	Screw - HH	31 6 1	2412-92	Clamp - Hose	23 73 1
93-9997	Guard - Flywheel	31 5 1	2412-103	R-Clamp	12 22 2
94-1257	Block Assembly	36 1 1	2412-104	R-Clamp	9 73 1
94-1258	Gasket - Cylinder Head	37 25 1	2412-107	R-Clamp	23 71 1
94-1259	Case	35 1 1	2412-108	Clamp	13 2 4
94-2975	Shaft - Seal	19 34 1	2412-108	Clamp	8 52 2
94-2976	Ring - Retaining	19 50 1	2412-108	Clamp - Hose	12 7 8
94-3307	Pad - Traction Pedal Front	7 1 1	2412-108	Clamp - Hose	22 41 4
94-3308	Pad - Traction Pedal Rear	7 3 1	2412-108	Hose Clamp	17 34 4
94-3309	Hose - Air Cleaner Inlet	22 21 1	2412-119	Clamp - Hose	17 48 1
94-3533	Cover Assembly - Intake	37 5 1	2412-119	Clamp - Hose	15 47 1
94-3558	Engine	28 18 1	2412-133	R-Clamp	24 2 2
94-3591	Pedal - Traction	7 2 1	2412-147	R-Clamp	13 9 1
94-3827	Spring - Return	42 41 1	251-77	Collar - Locking	30 55 1
94-3827	Spring - Return	43 41 1	251-77	Collar - Locking	8 22 1
94-6934	Screw - Cap Hex. Hd.	16 21 8	251-259	Bearing - Ball	21 23 1
94-6935	Nut - Lock, Flange Hd.	16 12 8	253-129	Seal - Hub	25 27 2
94-6936	Washer - Flat	16 23 8	254-65	Cone - Tapered, Bearing	15 33 2
94-9432	Engine	28 18 1	254-66	Cup - Tapered, Bearing	15 32 2
95-1821	Spring	5 12 1	254-72	Cup - Bearing	25 20 4
95-3074	Kit - 400 Hour Filter	18 * 1	254-90	Cup - Bearing	14 24 1
95-3074	Kit - 400 Hour Filter	23 * 1	254-91	Cone - Bearing	14 25 1
95-3074	Kit - 400 Hour Filter	40 * 1	254-94	Cone - Bearing	25 21 4
95-3074	Kit - 400 Hour Filter	9 * 1	256-42	Bushing	5 27 4
95-9605	Bolt - Speed Set	43 33 1	256-121	Washer - Thrust	25 16 2
217-116	Rim - 23 x 10.5 x 12	13 * 2	256-156	Bushing - Flange	7 10 2
217-117	Rim	13 19 2	256-299	Bushing	29 36 2
217-118	Rim	25 19 2	282-27	Clevis	10 22 1
218-446	Nut - Hex.	3 9 1	283-16	Pin - Clevis	10 19 1
218-447	Washer - Lock	3 8 1	283-49	Pin - Clevis	22 8 2
218-461	Nut - Jam	23 64 2	283-58	Pin - Clevis	5 17 4
218-473	Boot - Switch	3 11 1	283-58	Pin - Clevis	10 23 1
218-497	Nut - Face	3 12 1	283-58	Pin - Clevis	2 44 1
218-573	Fuse 5.0A	4 8 2	283-58	Pin - Clevis	30 52 1
218-574	Fuse 7.5A	4 7 1	285-17	Plug - Pipe	19 28 4

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2810-1	Coupler	15 46 1	3219-6	Nut - Hex.	13 31 4
302-5	Fitting - Grease	25 11 3	3220-2	Nut - Jam	29 21 1
302-5	Fitting - Grease	5 30 2	3220-2	Nut - Jam, R.H.	10 21 1
302-5	Fitting - Grease	29 32 1	3220-3	Nut - Jam	7 16 1
302-40	Fitting - Grease	30 51 1	3220-3	Nut - Jam	25 43 8
302-58	Fitting - Grease	8 30 1	3220-5	Nut - Jam R.H.	25 33 2
302-62	Fitting - Grease	25 50 1	3220-6	Nut	6 27 1
304-46	Drain Cock	12 28 1	3220-6	Nut - Hex.	5 5 1
304-46	Fitting - Drain	13 36 1	3220-7	Nut - Jam	25 23 2
304-99	Fitting - 90° Elbow	10 27 2	3220-7	Nut - Jam	17 50 1
321-3	Screw - Cap Hex. Hd.	1 4 7	3220-12	Nut - Jam L.H.	25 31 2
321-3	Screw - Cap Hex. Hd.	29 14 2	3230-2	Bolt - Carriage	28 13 1
321-3	Screw - Cap Hex. Hd.	5 21 1	3230-2	Bolt - Carriage	7 25 2
321-3	Screw - Cap Hex. Hd.	28 37 4	3230-2	Carriage - Bolt	21 12 2
321-3	Screw - HH	31 2 2	3230-4	Bolt - Carriage	29 35 2
321-4	Screw - Cap Hex. Hd.	25 8 1	3230-4	Bolt - Carriage	9 67 2
321-4	Screw - Cap Hex. Hd.	8 9 4	3230-23	Bolt - Carriage	28 9 2
321-4	Screw - Cap Hex. Hd.	22 12 4	3230-23	Bolt - Carriage	1 28 4
321-4	Screw - Cap Hex. Hd.	12 16 4	3234-5	Screw - Flange Hd.	12 8 8
321-4	Screw - Cap Hex. Hd.	21 21 2	3234-13	Screw - Flange Hd.	25 12 2
321-4	Screw - Cap Hex. Hd.	28 35 1	3234-13	Screw - Flange Hd.	1 24 8
321-4	Screw - Cap Hex. Hd.	10 38 2	3234-13	Screw - Flange Hd.	9 74 1
321-4	Screw - Cap Hex. Hd.	2 54 2	3234-14	Screw - Flange Hd.	1 21 8
321-5	Screw - Cap Hex. Hd.	13 16 3	3234-17	Screw - Flange Hd.	12 4 2
321-6	Screw - Cap Hex. Hd.	23 69 1	3234-17	Screw - Flange Hd.	22 15 2
321-8	Screw - Cap Hex. Hd.	22 38 2	3234-25	Screw - Flange	25 1 4
321-9	Screw - Cap Hex. Hd.	21 3 2	3234-29	Screw - Cap Hex. Flange Hd.	29 7 1
321-11	Screw - Cap Hex. Hd.	10 16 2	3241-6	Screw - Set	17 13 2
322-3	Screw - Cap Hex. Hd.	13 8 1	3245-35	Screw - Set	8 21 1
322-3	Screw - Cap Hex. Hd.	8 37 1	3245-35	Screw - Set	30 56 1
322-3	Screw - Cap Hex. Hd.	23 72 4	3249-3	Screw - Rd. Hd.	12 36 2
322-4	Screw	28 6 2	3249-11	Screw - Round Hd.	21 8 2
322-5	Screw	24 3 2	3250-39	Screw - Pan Head	29 18 2
322-5	Screw - Cap Hex. Hd.	5 4 2	3253-3	Washer - Lock	10 8 2
322-5	Screw - Cap Hex. Hd.	22 32 5	3253-3	Washer - Lock	8 10 4
322-5	Screw - Cap Hex. Hd.	8 39 12	3253-3	Washer - Lock	22 13 2
322-6	Screw - Cap Hex. Hd.	30 50 1	3253-3	Washer - Lock	13 15 5
322-7	Screw - Cap Hex. Hd.	9 83 3	3253-3	Washer - Lock	28 36 5
322-9	Screw - Cap Hex. Hd.	8 34 4	3253-4	Washer - Lock	9 76 4
322-11	Screw - Cap Hex. Hd.	28 21 1	3253-4	Washer - Lock	23 85 2
322-13	Screw - Cap Hex. Hd.	22 5 6	3253-8	Washer - Lock	13 13 4
322-14	Screw - Cap Hex. Hd.	23 84 2	3253-15	Washer - Lock	13 5 5
322-17	Screw - Cap Hex. Hd.	21 18 1	3253-21	Washer - Lock	8 15 3
323-6	Screw - Cap Hex. Hd.	28 25 1	3253-21	Washer - Lock	17 31 4
323-6	Screw - Cap Hex. Hd.	2 64 4	3254-2	Washer - Lock, Int. Tooth	28 48 1
323-8	Screw - Cap Hex. Hd.	28 26 1	3254-9	Washer - Lock I.T.L.W.	21 10 2
323-8	Screw - Cap Hex. Hd.	19 29 2	3255-8	Washer - Lock	14 3 8
323-9	Screw - Cap Hex. Hd.	8 3 2	3255-8	Washer - Lock	1 12 4
323-10	Screw - Cap Hex. Hd.	8 27 2	3255-8	Washer - Lock	8 46 1
323-10	Screw - Cap Hex. Hd.	19 43 4	3255-8	Washer - Lock, Ext. Tooth	22 39 1
323-11	Screw - Cap Hex. Hd.	8 41 3	3256-1	Washer - Flat	3 21 4
323-18	Screw - Cap Hex. Hd.	8 14 1	3256-22	Washer - Flat	10 7 2
323-29	Screw - Cap Hex. Hd.	7 17 1	3256-22	Washer - Flat	12 15 4
323-34	Screw - Cap Hex. Hd.	29 43 1	3256-22	Washer - Flat	22 18 9
323-39	Screw - Cap Hex. Hd.	17 28 3	3256-22	Washer - Flat	5 35 3
324-5	Screw - Cap Hex. Hd.	13 24 4	3256-22	Washer - Flat	25 51 1
324-23	Screw - Cap Hex. Hd.	19 35 2	3256-23	Nut - Lock	24 4 2
325-5	Screw - Cap Hex. Hd.	25 6 2	3256-23	Washer - Flat	10 1 1
328-25	Screw - Cap Hex. Hd.	25 41 1	3256-23	Washer - Flat	5 1 4
3210-5	Screw - Cap Hex. Hd.	17 12 4	3256-23	Washer - Flat	22 3 6
3210-7	Screw - Cap Hex. Hd.	21 4 1	3256-23	Washer - Flat	21 19 2
3210-7	Screw - Cap Hex. Hd.	14 23 8	3256-23	Washer - Flat	29 19 4
3210-8	Screw - Cap Hex. Hd.	17 24 2	3256-23	Washer - Flat	28 20 1
3212-5	Screw	29 25 1	3256-23	Washer - Flat	5 42 2
3216-3	Screw - Cap Hex. Hd.	10 32 2	3256-24	Washer - Flat	8 4 4
3217-5	Nut - Hex.	28 47 1	3256-24	Washer - Flat	22 7 1
3217-16	Nut - Hex.	21 11 2	3256-24	Washer - Flat	7 12 1
3217-29	Nut - Hex.	12 37 2	3256-24	Washer - Flat	29 22 2
3218-3	Nut - Jam	17 42 2	3256-24	Washer - Flat	28 27 1
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3256-26	Washer - Flat	10 2 2	32105-13	Screw - Cap Hex. Hd.	22 2 4
3256-26	Washer - Flat	17 2 1	32107-11	Nut - Square	22 28 2
3256-26	Washer - Flat	5 14 1	32120-10	Ring - Retaining	28 4 1
3256-27	Washer - Flat	22 45 1	32120-72	Ring - Retaining	17 37 1
3256-67	Washer - Flat	13 14 3	32121-6	Pin - Roll	7 4 1
3256-69	Washer - Flat	5 45 A/R	32121-6	Pin - Roll	22 46 1
3256-69	Washer - Flat	23 77 1	32121-15	Pin - Roll	15 34 1
3256-71	Washer - Flat	17 21 4	32121-32	Pin - Roll	29 39 1
3257-5	Key - Woodruff	19 11 2	32121-34	Pin - Roll	8 33 1
3257-5	Key - Woodruff	8 19 1	32121-49	Pin - Spring	13 26 2
3258-19	Screw - Cap Hex. Hd.	22 30 2	32121-50	Pin - Roll	5 24 1
3269-10	Washer - Flat	12 29 3	32121-50	Pin - Roll	7 32 1
3269-13	Rivet	12 31 3	32121-71	Pin - Spring	13 27 2
3272-4	Pin - Cotter	23 75 2	32121-91	Pin	19 14 3
3272-5	Pin - Cotter	5 13 3	32122-24	Screw - Machine	13 4 5
3272-5	Pin - Cotter	10 20 1	32128-20	Nut - Flange	28 8 3
3272-6	Pin - Cotter	7 14 1	32128-20	Nut - Flange	1 25 4
3272-10	Pin - Cotter	17 4 1	32128-20	Nut - Flange	22 26 9
3272-10	Pin - Cotter	7 9 2	32128-20	Nut - Flange	9 72 5
3272-10	Pin - Cotter	5 18 5	32128-20	Nut - Lock	12 3 6
3272-10	Pin - Cotter	10 39 1	32128-20	Nut - Lock	13 10 1
3272-10	Pin - Cotter	2 46 1	32128-28	Nut - Lock	30 54 1
3272-10	Pin - Cotter	30 53 1	32128-33	Nut - Flange	1 6 13
3272-11	Pin - Cotter	22 6 2	32128-33	Nut - Flange Hd.	9 78 1
3272-13	Pin - Cotter	25 24 2	32128-33	Nut - Hex. Flange	23 76 2
3272-15	Pin - Cotter	8 7 1	32128-44	Nut - Flange, Lock	7 28 2
3272-17	Pin - Cotter	13 32 2	32128-45	Nut - Flange Lock	25 49 1
3272-23	Pin - Cotter	10 29 4	32128-56	Nut - Flange	7 24 2
3273-38	Screw - Soc. Hex. Hd.	13 34 4	32144-1	Screw - Hex. Hd.	3 20 2
3274-32	Screw - Hex. Hd. Socket	1 13 4	32144-21	Screw - Pan Hd. Phillips	5 41 1
3274-65	Screw - Socket Button Hd.	3 2 4	32148-6	Nut - Clinch	23 78 6
3290-255	Pin - Hair, Cotter	22 11 1	32148-7	Nut - Clinch	2 59 22
3290-271	Rivet	12 13 2	32148-8	Nut - Clinch	9 80 4
3290-271	Rivet	2 48 4	32148-9	Nut - Clinch	2 58 3
3290-359	Screw - Machine	1 9 4	32148-9	Nut - Clinch	23 79 2
3290-378	Tie - Cable	23 61 1	32148-10	Nut - Clinch	2 60 10
3290-378	Tie - Cable	9 75 1	32148-11	Nut - Clinch	10 41 2
3296-2	Nut - Lock	3 19 1	32148-11	Nut - Clinch	9 77 2
3296-6	Nut - Lock	32 9 3	32149-1	Nut - Keps	29 31 2
3296-9	Nut - Lock	29 15 2	32149-1	Nut - Lock	9 65 2
3296-12	Nut - Hex.	2 49 4	32149-7	Nut - Keps	28 46 2
3296-12	Nut - Lock	23 49 4	32151-36	Ring - Retaining	25 15 2
3296-15	Nut - Lock	10 24 2	32151-46	Ring - Retaining	19 1 2
3296-20	Nut - Lock	5 2 4	32151-77	Ring - Retaining	26 53 1
3296-25	Nut - Lock	25 4 2	32151-83	Snap Ring	29 47 2
3296-29	Nut - Lock	29 9 1	32152-5	Nut - Lock	17 14 6
3296-29	Nut - Lock	5 10 2	32153-2	Nut - Lock (Europe)	2 62 4
3296-29	Nut - Lock	28 12 3	32153-6	Nut - Hex Lock	25 38 1
3296-29	Nut - Lock	21 20 3	340-2	Fitting - Straight	10 10 1
3296-29	Nut - Lock	8 25 12	340-70	Nut - Fitting	10 35 1
3296-29	Nut - Lock	10 40 1	340-71	Fitting - Bulkhead	10 36 1
3296-39	Nut - Lock	7 21 1	340-77	Fitting - 90° Elbow	10 * 1
3296-39	Nut - Lock	28 22 2	340-77	Fitting - 90° Elbow	10 17 2
3296-39	Nut - Lock	8 24 7	340-86	Fitting - Tee	10 26 1
3296-39	Nut - Lock	17 39 2	340-92	Fitting - Straight	25 46 1
3296-42	Nut - Lock	21 1 4	340-103	Fitting - 45° Elbow	25 44 1
3296-42	Nut - Lock	22 4 3	353-508	Assembly - Plug	11 14 1
3296-42	Nut - Lock	31 4 2	353-781	Fitting 90°	8 11 1
3296-42	Nut - Lock	25 5 1	353-783	Fitting - Straight	8 44 1
3296-42	Nut - Lock	12 11 4	353-979	Hose Barb	17 8 1
3296-42	Nut - Lock	29 11 2	353-988	Plug - Hydraulic	18 55
3296-42	Nut - Lock	5 25 1	353-990	Plug - Hydraulic	18 56 1
3296-42	Nut - Lock	10 34 2	354-20	Block	12 32 1
3296-48	Nut - Lock	13 17 4	354-21	Fitting	12 34 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 footrest. 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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