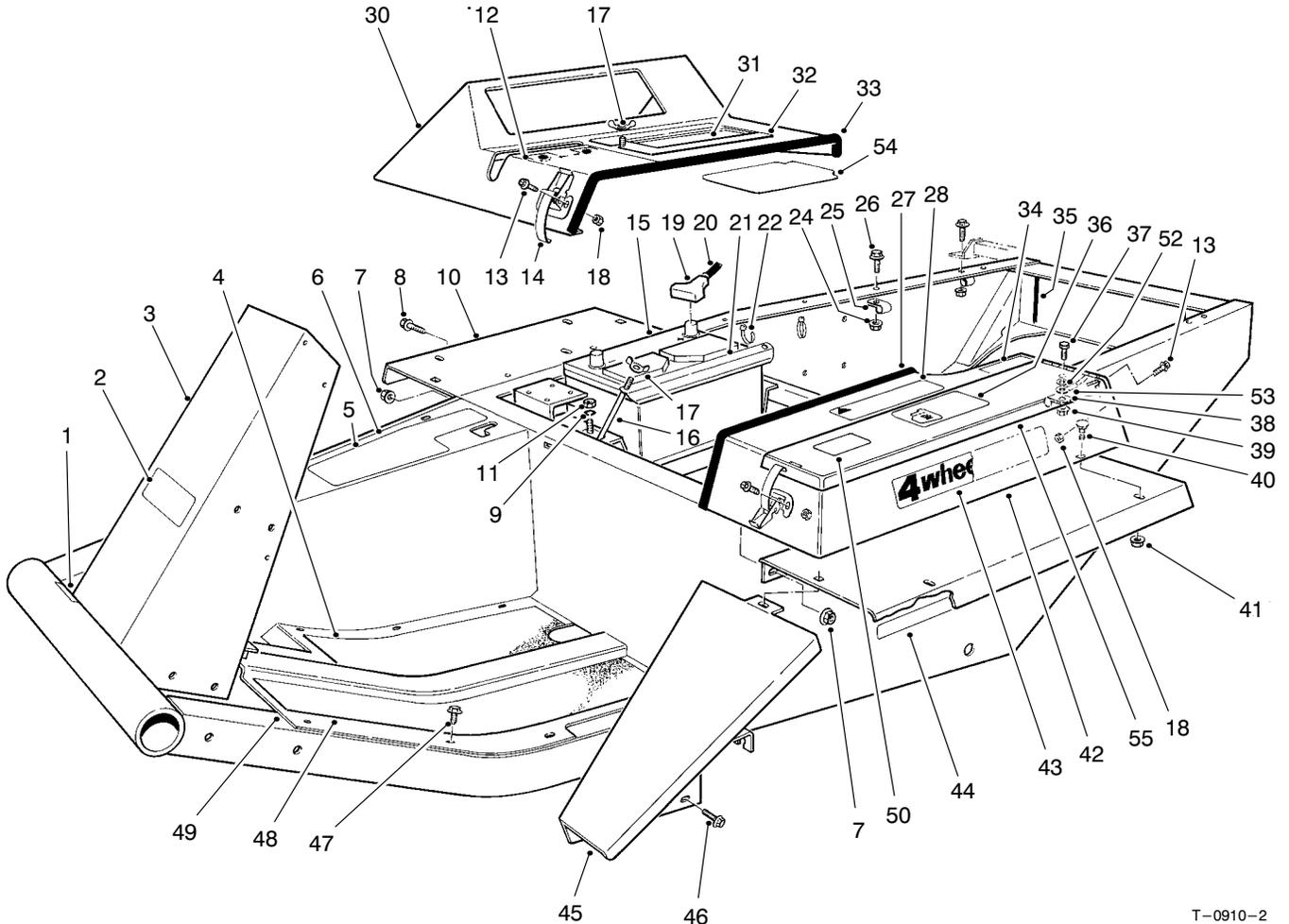




MODEL NO. 30795-50001 & UP	<b>PARTS CATALOG</b>
<b>GROUNDMASTER® 325D 4WD TRACTION UNIT &amp; ACCESSORIES</b>	



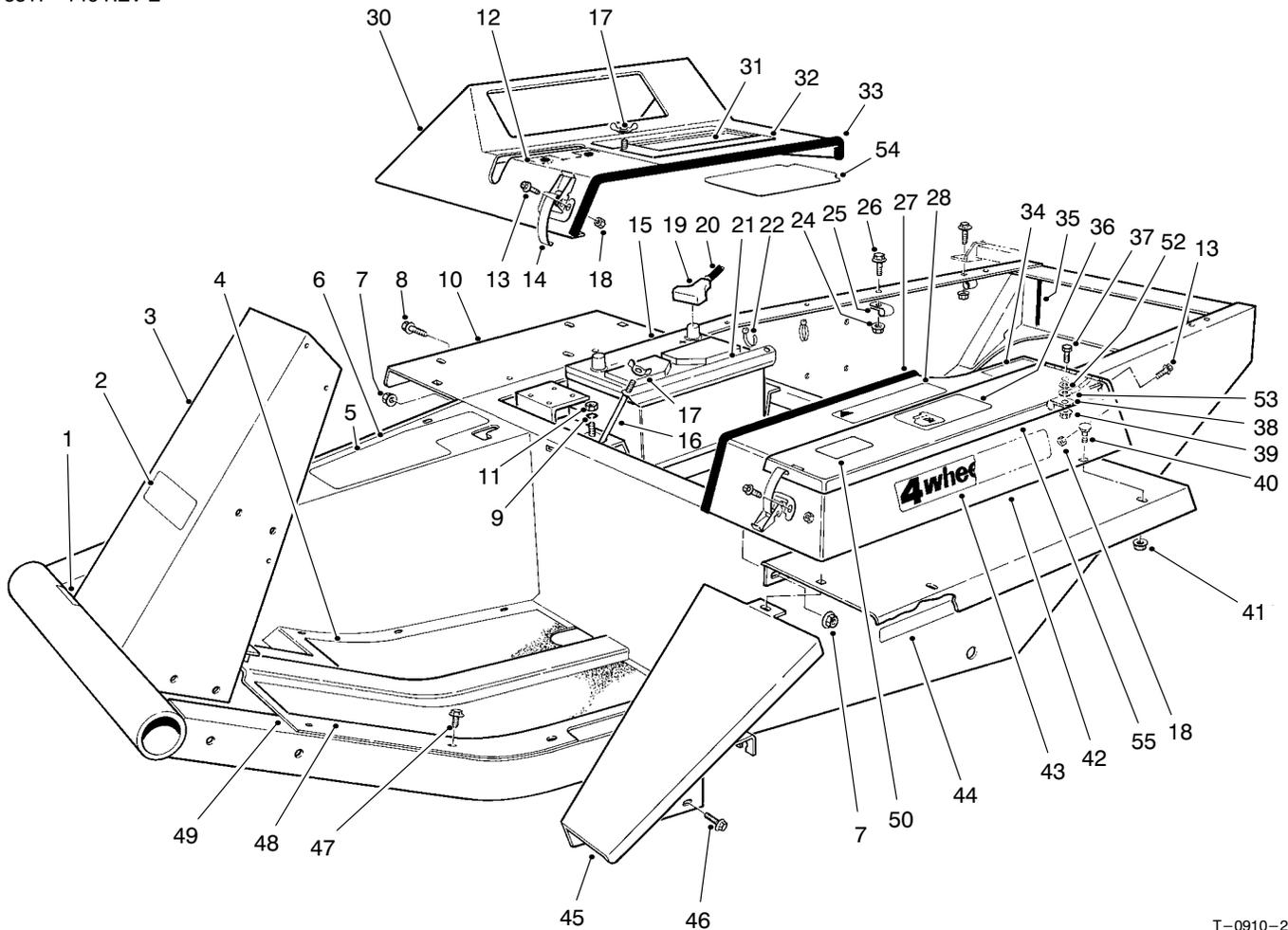
T-0910-2

## MAIN FRAME ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	27-7320	Decal - Traction Pedal	1
2	70-2200	Decal - Toro	1
†3	94-2689	Frame (Incl. Ref. #1-2, 7, & 44)	1
4	21-2770	Pad - Foot Rest, R.H.	1
5	66-6390	Decal - Caution	1
6	21-2660	Footrest	1
7	32128-21	Nut - Lock, Flange	6
8	3234-12	Screw - Hex. Hd. Flange	4
9	3253-4	Washer - Lock	2
10	72-3690	Fender	2
11	3217-6	Nut	2
12	27-7290	Decal- Power Take Off	1
13	3290-144	Screw - HH	9
14	249-21	Clamp - Hook	3
15	63-9230	Battery - Type MF214-78	1
16	24-6390	Stud - Battery Hold Down	2

Ref. No.	Part No.	Description	No. Used
17	32103-2	Nut - Wing	3
18	3296-2	Nut - Lock	9
19	28-1280	Boot - Cable	1
20	70-1180	Cable - Battery, Positive (Incl. Ref. #19)	1
21	24-6420	Hold Down - Battery	1
22	3290-378	Tie - Cable	2
24	3290-357	Nut - Lock, Flange	5
25	2412-4	Clamp	3
26	3234-11	Screw - Cap, Locking Fl.	5
27	37-9650	Trim	1
28	67-1710	Decal - Caution	1
30	38-4550	Cover - Instruments	1
31	92-7802	Decal - Instructions, Start.	1
32	92-7800	Cover - Access, Battery (Incl. Ref. #31 & 54)	1
33	39-8020	Trim - Cover, Instruments	1

† Includes Item #27, Page 24 and Item #42, Page 15.

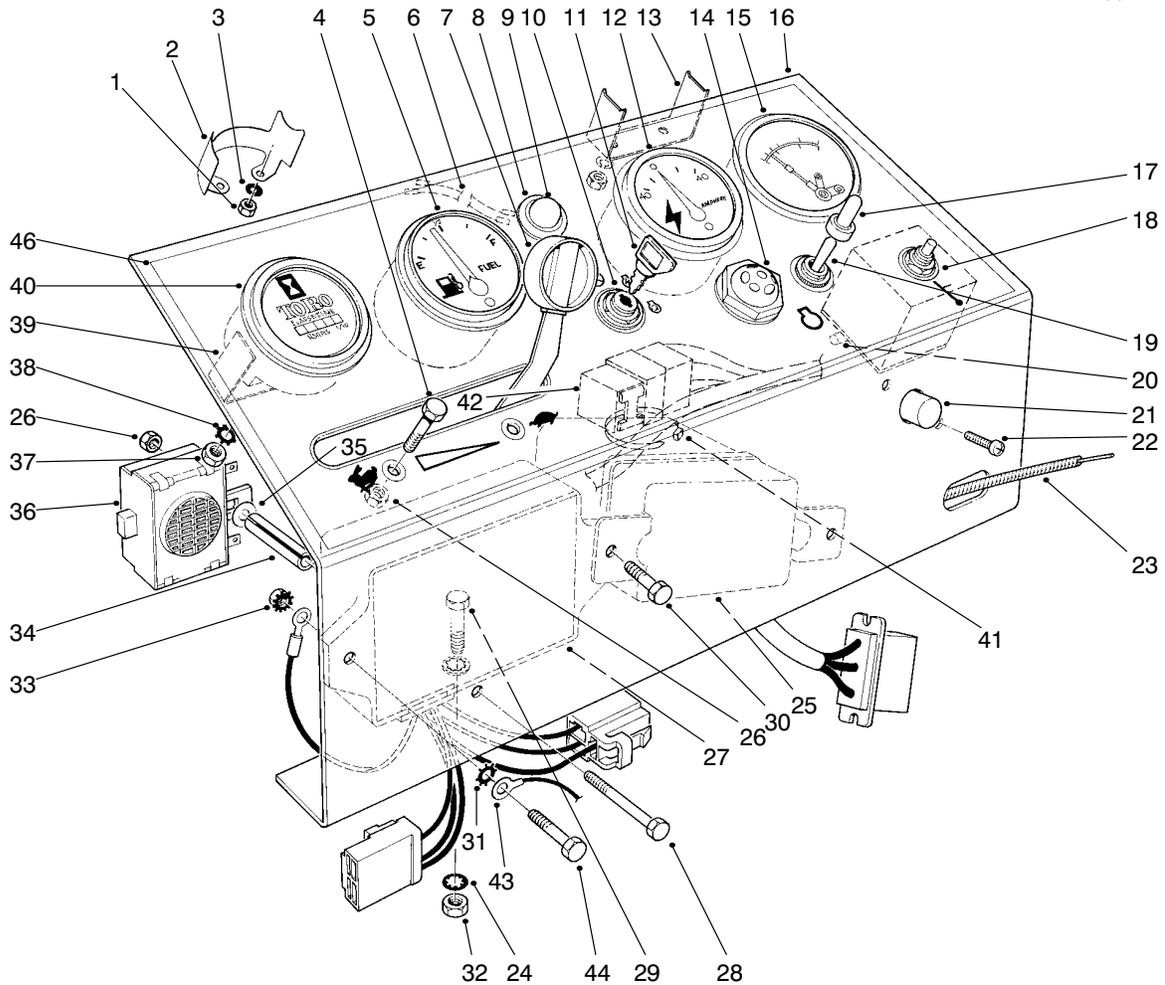


T-0910-2

## MAIN FRAME ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
34	52-1321	Decal - Fuel, Diesel	1
35	43-4300	Trim - Frame, Rear	2
36	27-7310	Decal - Refueling	1
37	322-5	Screw - Cap, Hex. Hd.	1
38	2412-74	Clamp	1
39	32128-20	Nut - Lock, Flange	1
40	3229-1	Bolt - Carriage	5
41	32128-33	Nut - Lock, Flange	5
42	93-3183	Tool Box (Incl. Ref. #28)	1
43	72-3560	Decal - 4 WD	2
44	67-1720	Decal - Torque	2

Ref. No.	Part No.	Description	No. Used
45	68-8610	Fender - Extension	1
46	3234-14	Screw - Cap, Hex. Hd.	2
47	32144-10	Screw, Self-Tapping	11
48	21-2760	Pad - Foot Rest L.H.	1
49	88-0070	Plate - Floor	1
50	72-3700	Decal - Caution	2
52	3254-2	Washer - Lock, Int. Tooth	1
53	18-2770	Cable - Ground	1
54	92-7801	Shield - Battery Cover	1
55	93-3185	Cover (Incl. Ref. #36 & 50)	1

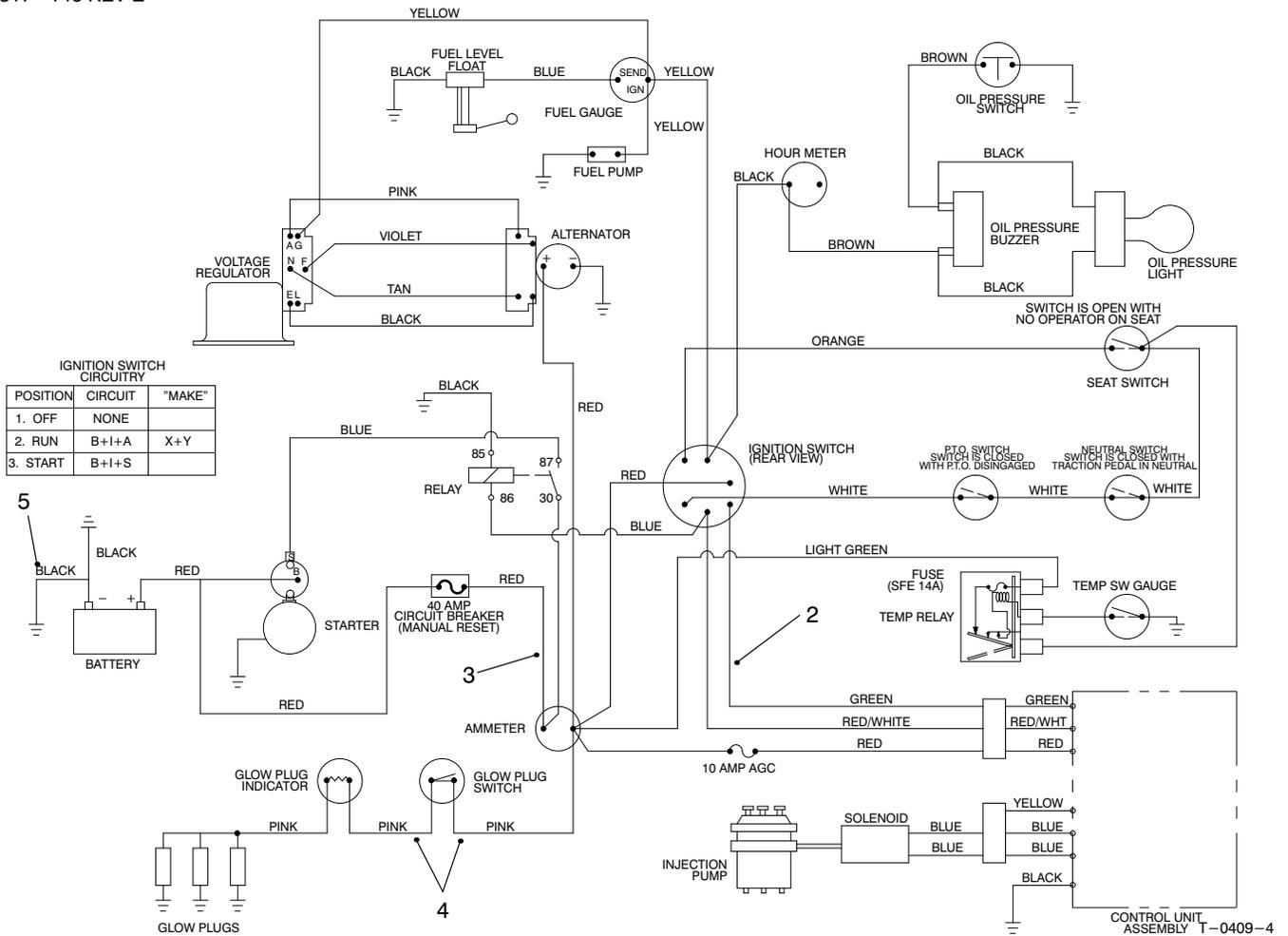


T-0408-3

## INSTRUMENT PANEL ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	3219-14	Nut	6	21	43-4000	Circuit Breaker	1
2	38-1670	Clamp Mounting	2	22	3250-17	Screw - Pan Hd.	2
3	3253-17	Washer - Lock	6	23	43-3990	Throttle Control (Incl. Ref. #7)	1
4	3290-134	Screw - Hex. Hd. Mach.	2	24	3254-2	Washer - Lock, Int. Tooth	6
5	38-1650	Fuel Gauge (Incl. Ref. #1-3)	1	25	43-0410	Regulator Assembly	1
6	44-2220	Wire Lead	1	26	3296-12	Nut - Lock	3
7	233-35	Knob	2	27	43-1880	Control Unit Assembly	1
8	44-2210	Warning Light (Inc. Ref. #9)	1	28	3290-424	Screw - Hex. Hd. Mach.	1
9	218-533	Lens	1	29	322-5	Screw - Cap, Hex. Hd.	2
10	27-2360	Key Switch (Incl. Ref. #11)	1	30	321-4	Screw - Cap, Hex. Hd.	2
11	63-8360	Key	1	31	3255-7	Washer - Lock, Ext. Tooth	3
12	38-1660	Ammeter (Inc. Ref. #1-3)	1	32	3217-6	Nut - Hex	2
13	218-539	Clamp	1	33	32149-2	Nut - Lock	3
14	42-9190	Glow Lamp	1	34	43-3820	Spacer	1
15	26-6750	Engine Temperature Gauge (Incl. Ref. #1, 3, & 13)	1	35	3256-14	Washer - Flat	1
16	43-3970	Panel - Instrument	1	36	22-7820	Buzzer Assembly	1
17	218-473	Toggle Switch Boot	1	37	3217-26	Nut	1
18	26-6740	Temperature Reset Relay	1	38	3255-5	Washer - Lock	1
19	6-1659	Toggle Switch (Inc. Ref. #17)	1	39	218-515	Mounting Bracket	1
†20		Fuse - Temp. Relay 14 Amp. SFE	1	40	12-9990	Hour Meter (Incl. Ref. #37-39)	1
				41	3290-379	Cable Tie	1
				42	63-7590	Relay	1
				43	70-1190	Cable - Ground	1
				44	321-6	Screw - Cap, Hex. Hd.	1
				46	43-3980	Decal - Panel, Instrument	1

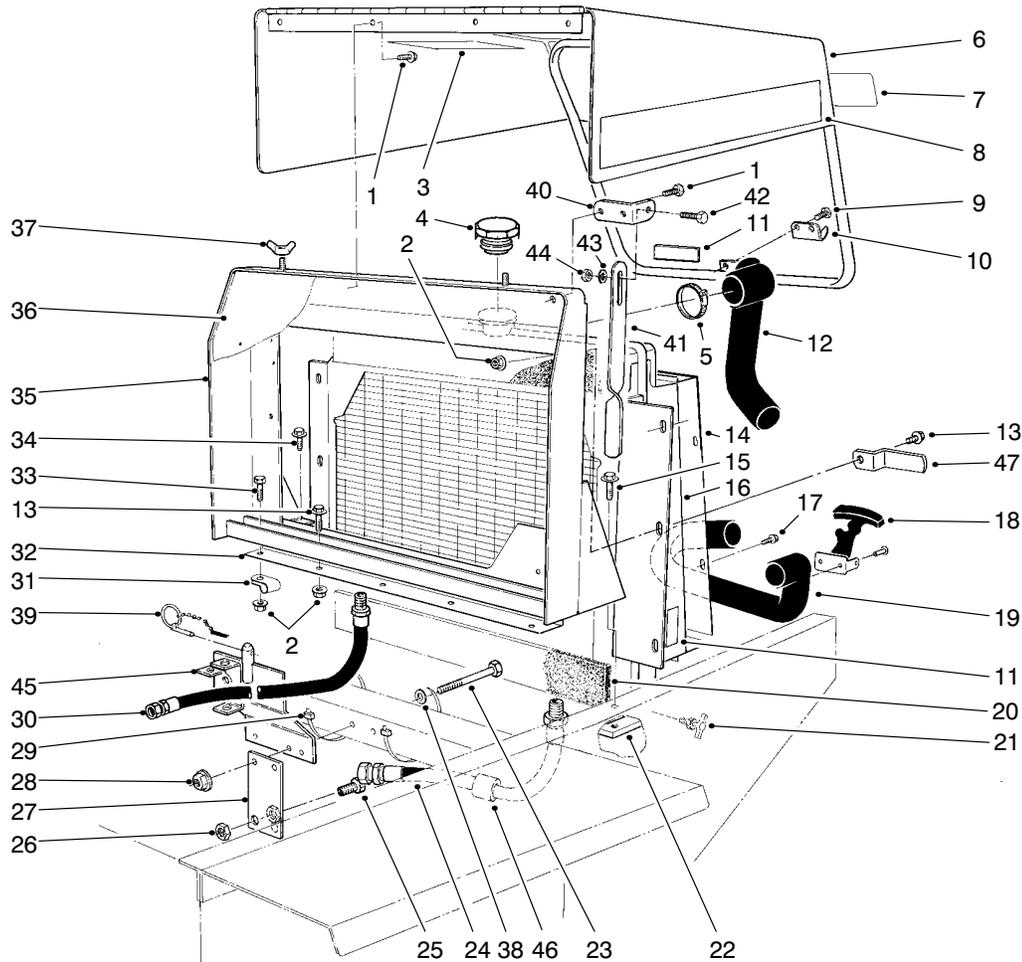
† Obtain Locally



## ELECTRICAL SCHEMATIC

Ref. No.	Part No.	Description	No. Used
2	88-1790	Wire Harness Assembly	1
3	43-4040	Wire Assembly	1

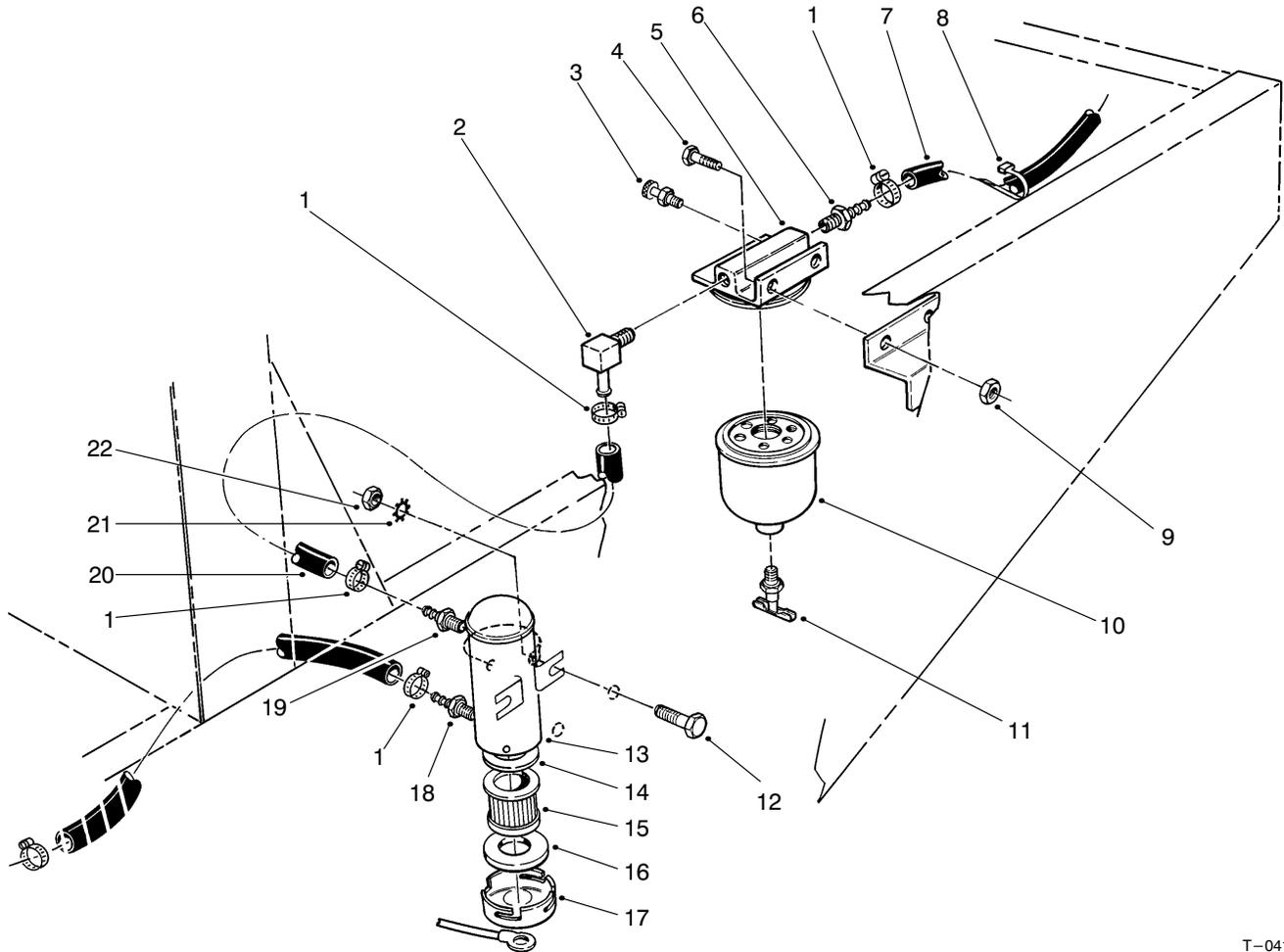
Ref. No.	Part No.	Description	No. Used
4	43-4010	Wire Assembly	2
5	70-1190	Ground Cable	1



T-0410-2

## RADIATOR & HOOD ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	32144-10	Screw - Self-Tapping	5	25	340-71	Union - Bulkhead	2
2	32128-20	Nut - Hex. Hd. Flange	11	26	340-70	Nut - Lock, Bulkhead	2
3	82-8970	Decal - Engine Coolant	1	27	68-9160	Bracket	1
4	66-3240	Radiator Cap Assy.	1	28	32128-21	Nut - Flange Hd.	3
5	2412-3	Hose Clamp	4	29	3290-379	Cable Tie	4
6	14-8459	Hood	1	30	63-8960	Hose Assembly (Valve to Cooler)	1
7	66-6140	Decal - Toro	1	31	2412-39	Clamp	1
8	93-3188	Decal - 325-D	2	32	43-3340	Grille - Sealing Plate	1
9	3290-271	Rivet	4	33	322-6	Screw - Cap, Hex. Hd.	1
10	249-40	Keeper	1	34	11-0590	Screw - Cap, Self Tapping	2
11	77-3100	Decal - Warning	3	35	88-1820	Radiator Support	1
12	43-3350	Hose - Upper, Radiator	1	36	67-9030	Grille	1
13	3234-14	Screw - Hex, Flange Hd.	11	37	32103-2	Nut - Wing	2
14	43-3330	Radiator Shroud	1	38	5-0838	Washer - Flat	3
15	3234-1	Screw - Cap, Locking Hex. Flange Hd.	2	39	283-76	Pin - Lynch	1
16	33-2570	Radiator Assembly	1	40	84-5330	Bracket - Hood Prop	1
17	32104-116	Screw - Self Tapping	8	41	84-5380	Strap - Hood Prop	1
18	249-39	Flexible Draw Latch	1	42	321-6	Screw - Cap Hex. Hd.	1
19	43-7020	Hose - Lower, Radiator	1	43	3256-22	Washer - Flat	1
20	43-3320	Foam - Radiator	2	44	3296-16	Nut - Lock	1
21	304-46	Drain Cock	1	45	86-9410	Support - Seat	1
22	38-4600	Bar - Frame L.H.	1	46	38-3400	Guard - Rubber	1
23	323-14	Screw - Cap, Hex. Hd.	3	47	86-7060	Bracket - Hood Hold Down	1
24	63-9010	Hose Assembly (Cooler to Pump)	1				

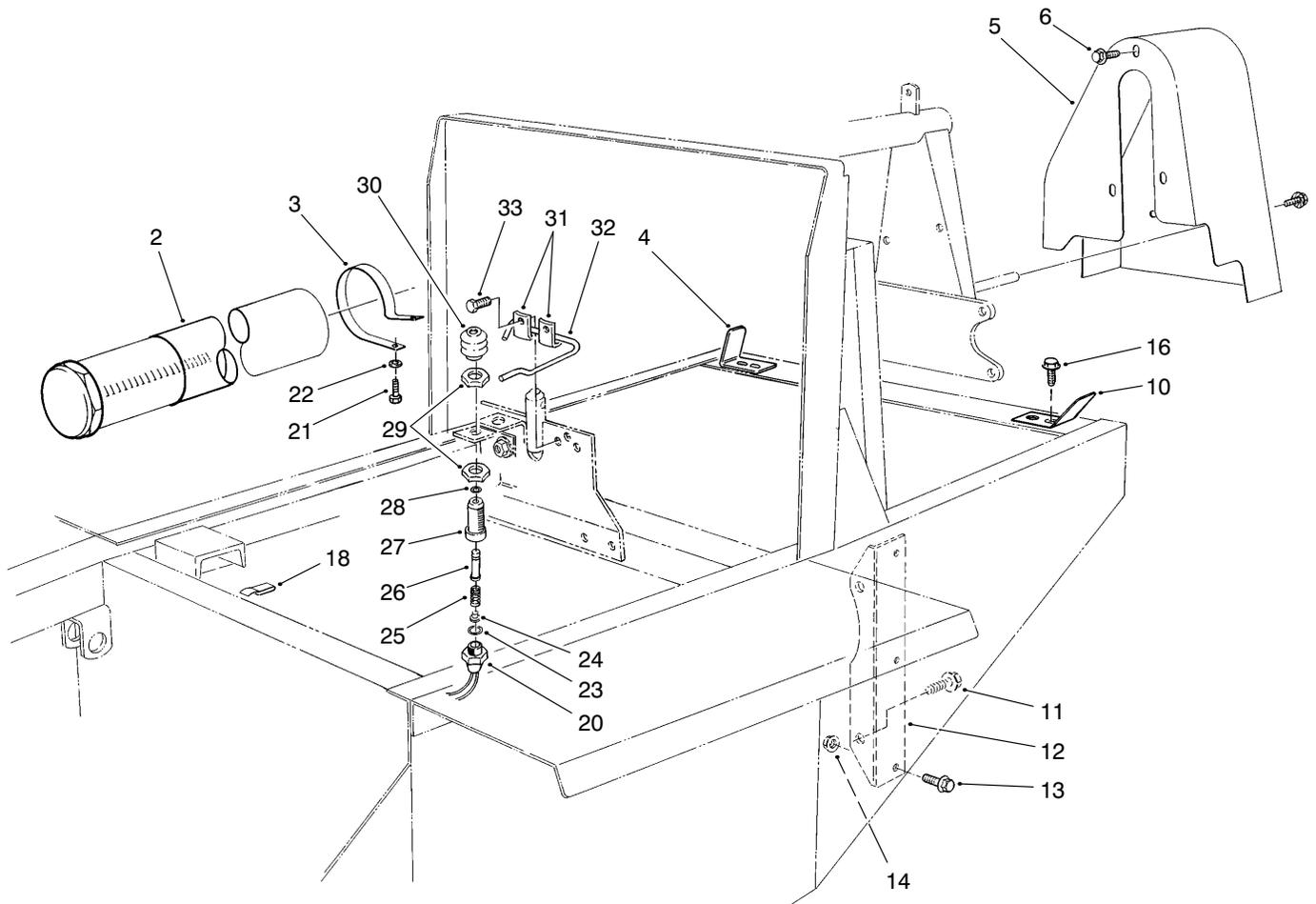


T-0411-2

## FUEL FILTER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	2412-108	Hose Clamp	5
2	304-96	90° Hose Barb	1
3	63-8290	Vent	1
4	321-4	Screw - Cap, Hex. Hd.	2
5	63-8280	Head Assembly	1
6	353-975	Hose Barb	1
7	63-9720	Hose	1
8	3290-378	Cable Tie	A/R
9	32149-2	Nut	2
10	63-8300	Element - Fuel Filter (Incl. Ref. #11)	1
11	63-8310	Drain Valve	1

Ref. No.	Part No.	Description	No. Used
12	321-6	Screw - Cap, Hex. Hd.	2
13	53-8150	Pump Assy. Fuel, Electric (Incl. Ref. #14-17)	1
14	43-2570	Gasket	1
15	43-2550	Filter	1
16	43-2560	Gasket	1
17	43-2580	Magnet	1
18	353-702	Hose Barb	1
19	304-73	Hose Barb	1
20	63-9650	Hose	1
21	3255-7	Washer - Lock, Ext. Tooth	2
22	32149-2	Nut	2

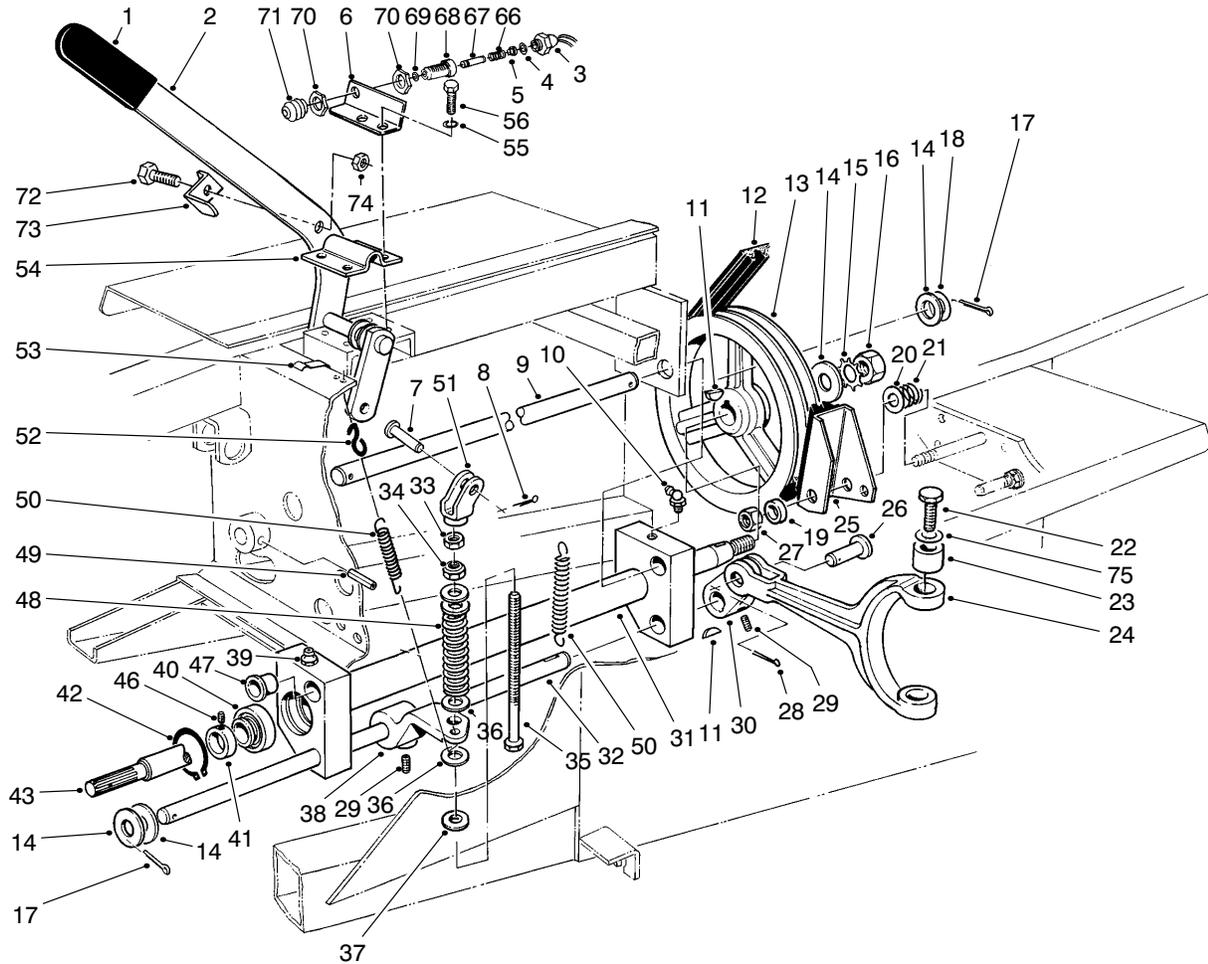


T-0412-2

## INTERLOCK ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
2	74-0720	Tube - Manual	1	22	3256-23	Washer - Flat	2
3	2412-133	R-Clamp	2	23	237-30	Seal - O-Ring	1
4	62-3010	Bracket, R.H.	1	24	43-8610	Guide - Spring & Ball Seat	1
5	43-3900	Guard - Fan Belt	1	25	43-8600	Spring - Compression	1
6	3234-14	Screw - Cap, Hex. Hd.	5	26	43-8860	Plunger - Switch	1
9	3256-23	Washer - Flat	1	27	43-8620	Guide - Switch Pin	1
10	62-3020	Bracket, L.H.	1	28	237-7	Seal - O-Ring	1
11	3234-32	Screw - w/Locking Flange	2	29	218-461	Nut - Jam	1
12	67-8190	Bracket - Engine Support	2	30	43-8870	Boot - Switch	1
13	3234-11	Screw w/Locking Flange	6	31	3-6657	Clip	2
14	3290-357	Nut - Lock, Flange	6	32	86-7040	Rod - Seat Prop	1
16	3234-17	Screw - Cap, Hex. Hd.	4	33	32144-10	Screw - Hex. Hd. Self Tap	2
17	27-9810	Seat Pivot	1	*	43-9071	Assembly - Switch	1
18	212-93	Wire Clip	2			(Incl. Ref. #20, 23-30: Qty. 1 of #29 Required)	
20	72-4320	Switch - Ball	1				
21	322-2	Screw - Cap, Hex. Hd.	2				

\* Not Illustrated

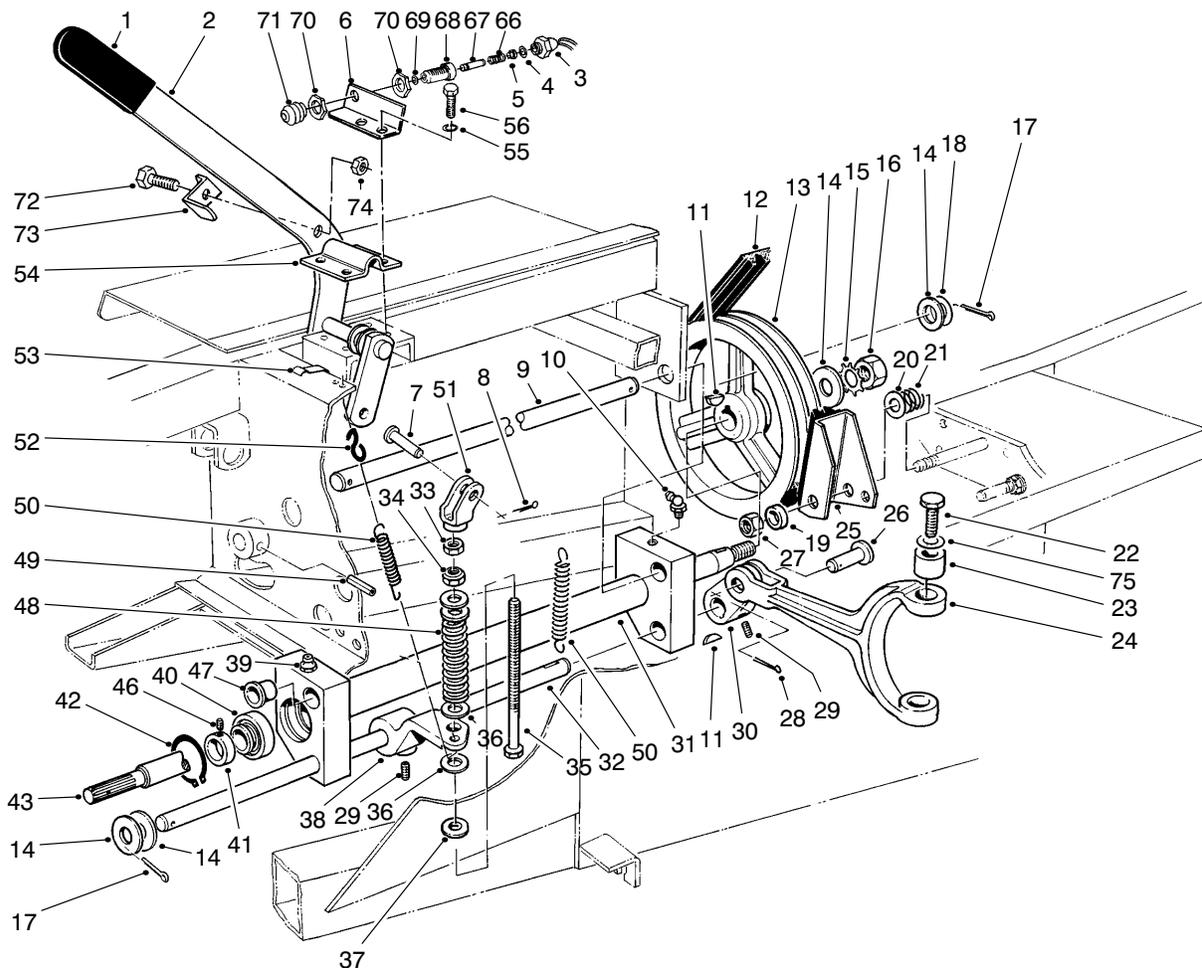


T-0413-3

## POWER TAKE OFF ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	21-1880	Grip Handle	1
2	84-8500	Lever - P.T.O.	1
3	72-4320	Switch - Ball	1
4	237-30	Seal - O-Ring	1
5	43-8610	Guide - Spring & Ball Seat	1
6	84-8520	Bracket - P.T.O. Switch	1
7	283-42	Clevis Pin	1
8	3272-6	Cotter Pin	1
9	43-3860	Shaft - Pivot P.T.O.	1
10	302-10	Fitting - Grease	1
11	3257-5	Key - Woodruff	3
12	53-9660	V-Belt Torque Team	1
13	21-0230	Pulley - P.T.O.	1
14	3256-28	Washer - Flat	4
15	3254-7	Washer - Lock	1
16	3219-7	Nut - Hex.	1
17	3272-22	Pin - Cotter	2
18	3-6498	Washer	A/R
19	3-8812	Spacer	1
20	3256-6	Washer - Flat	1
21	5-1747	Spring	1
22	92-5727	Screw - Cap, Hex. Hd.	2
23	92-5723	Bushing - P.T.O. Fork	2
24	92-4060	Fork P.T.O.	1
25	27-7370	Brake Assembly P.T.O.	1
26	93-3769	Clevis Pin	1

Ref. No.	Part No.	Description	No. Used
27	3296-28	Nut - Lock	1
28	3272-11	Pin - Cotter	1
29	3246-3	Screw - Set	4
30	92-4058	Arm - P.T.O.	1
31	43-5500	Pivot P.T.O.	1
32	43-5550	Shaft - P.T.O. Actuator	1
33	3219-3	Nut	1
34	3296-6	Nut - Lock	1
35	27-7900	Screw - Adjusting	1
36	3256-41	Washer - Flat	4
37	5-0652	Spacer	1
38	43-5570	Arm - P.T.O. Actuator	1
39	302-2	Grease Fitting	1
40	251-252	Ball Bearing	1
41	251-234	Lock Collar (Incl. Ref. #41)	2
42	32120-22	Ring - Retaining	2
43	43-5540	Shaft - P.T.O.	1
44	62-4260	Drive Shaft Assembly	1
46	3245-1	Screw - Set	2
47	256-113	Bushing	4
48	21-0400	Spring - Compression	1
49	32121-9	Pin - Roll	1
50	21-1830	Spring - Tension	2
51	43-5630	Yoke - P.T.O.	1

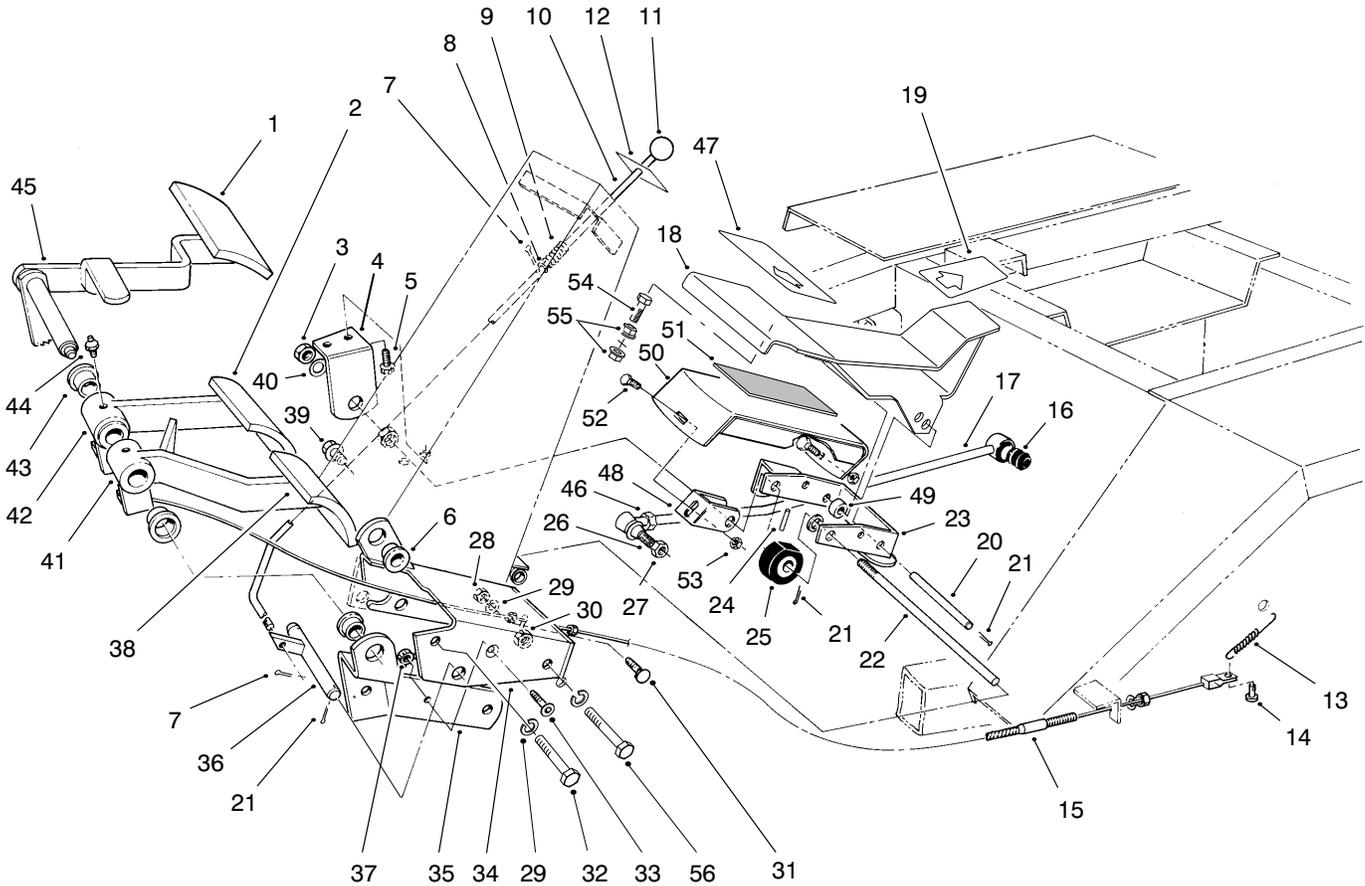


T-0413-3

## POWER TAKE OFF ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
52	5-0701	Spring Anchor	1	70	218-461	Nut - Jam	2
53	212-93	Wire Clip	1	71	43-8870	Boot - Switch	1
54	21-1600	Clamp P.T.O. Lever	1	72	321-4	Screw - Cap Hex. Hd.	1
55	3253-21	Washer - Lock	4	73	86-7050	Bracket - Switch Actuator	1
56	32104-6	Screw - Hex. Hd. Tapping	4	74	3296-16	Nut - Lock	1
66	43-8600	Spring - Compression	1	75	75-9890	Washer - Shim	A/R
67	43-8860	Plunger - Switch	1	*	43-9071	Assembly - Switch	1
68	43-8620	Guide - Switch Pin	1			(Incl. Ref. #3-5, 66-71: Qty. 1 of #70 Required)	
69	237-7	Seal - O-Ring	1				

\* Not Illustrated

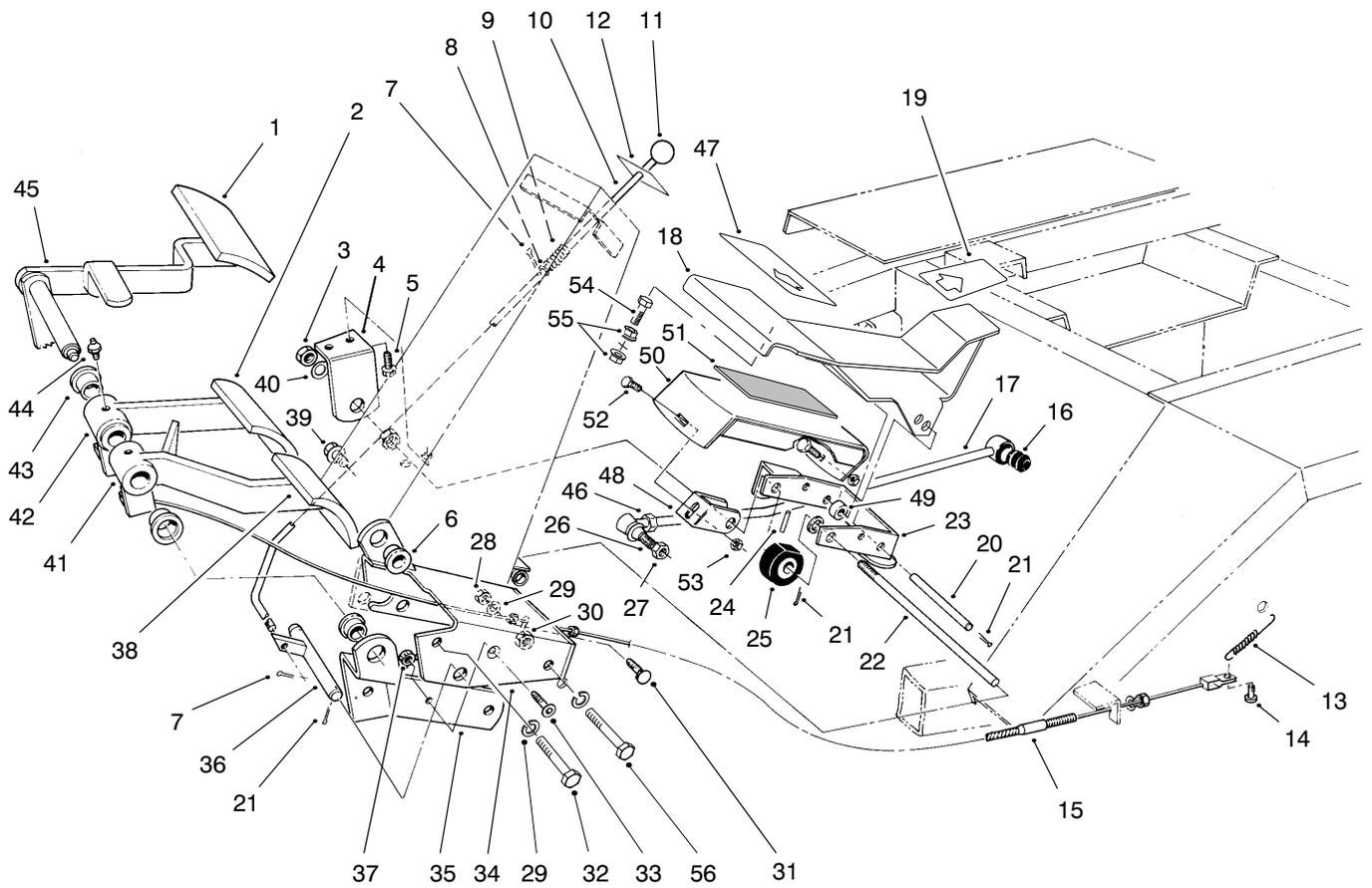


T-0415-4

## BRAKE PEDAL ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	7-3900	Pad - Brake	1	25	28-5220	Wheel - Friction	1
2	27-7580	Pad - Right Turn	1	26	21-0141	Socket Assembly R.H.	1
3	3218-5	Nut - Jam	2	27	3220-3	Nut - Jam	1
4	21-2850	Mount - R.H. Pedal	1	28	3217-7	Nut - Hex	2
5	11-0590	Screw - Hex. Hd. Tapping	2	29	3253-21	Washer - Lock	4
6	256-156	Bushing	5	30	32153-2	Nut - Lock	2
7	3272-5	Pin - Cotter	3	31	3231-21	Bolt - Carriage	2
8	3256-22	Washer - Flat	1	32	323-13	Screw - Cap, Hex. Hd.	1
9	95-1821	Spring - Compression	1	33	3274-47	Screw - Flat Hd. Socket	1
10	82-8670	Rod - Brake Latch	1	34	27-7590	Mount - Brake	1
11	233-17	Knob	1	35	27-9270	Mount - Brake Pivot Shaft	1
12	82-8930	Decal - Parking Brake	1	36	27-7640	Shaft - Brake Latch	1
13	3-7243	Spring - Extension	2	37	32149-2	Nut	1
14	283-58	Pin - Clevis	2	38	27-7570	Pad - Left Turn	1
15	21-3380	Cable - L.H. Brake	1	39	3234-11	Screw - Cap, Hex. Hd.	3
*	21-3370	Cable - R.H. Brake	1	40	3256-26	Washer - Flat	1
16	23-2270	Bushing - Rubber	1	41	27-7490	Pedal - L.H. Brake (Incl. Ref. #43)	1
17	23-2240	Rod - Pump Control	1	42	27-7510	Pedal - R.H. Brake (Incl. Ref. #43)	1
18	94-3304	Pedal - Traction	1	43	256-10	Bushing	4
19	94-3308	Pad - Rear Pedal	1	44	302-5	Fitting - Grease	2
20	88-1640	Pin - Traction Pedal	1	45	27-8550	Pedal - Parking Brake	1
21	3272-6	Pin - Cotter	6	46	3220-5	Nut - Jam	1
22	88-1650	Shaft - Traction Pedal	1	47	94-3307	Pad - Front Pedal	1
23	88-1670	Bracket - Pivot (Incl. Ref. #6)	1	48	88-1680	Bracket - Footrest	1
24	32121-6	Pin - Roll	1				

\* Not Illustrated

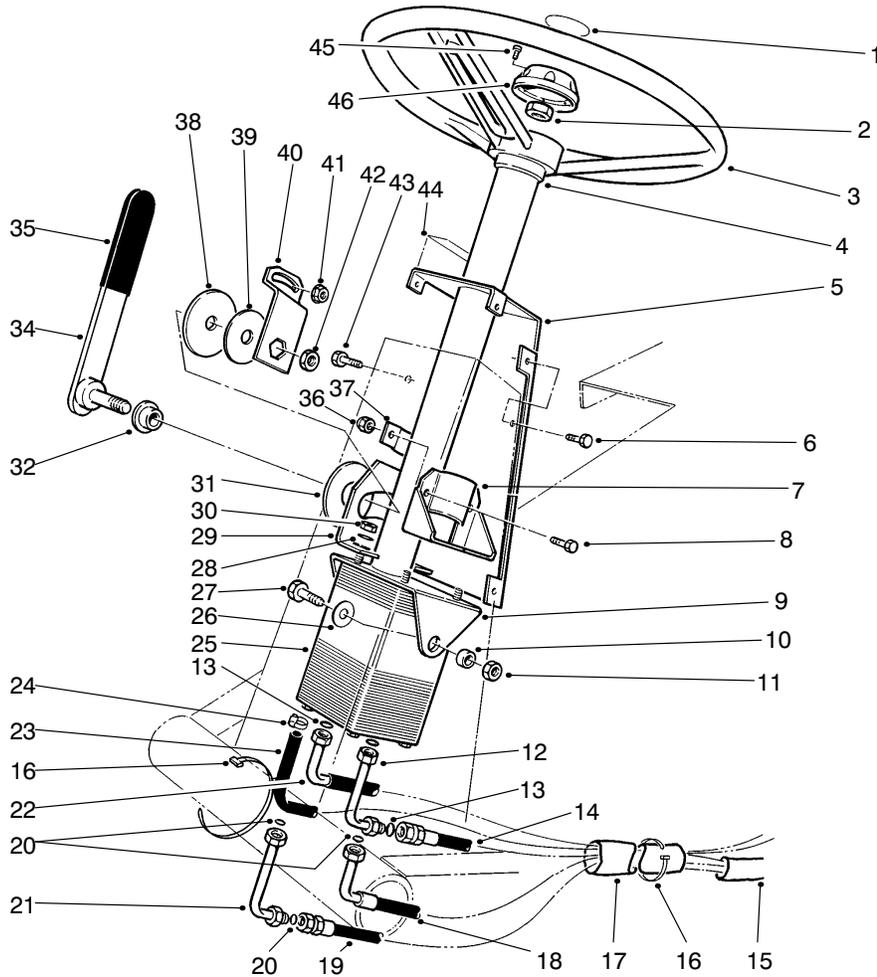


T-0415-4

## BRAKE PEDAL ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
49	88-0470	Tube - Pedal Spacer	1	53	32128-25	Nut - Flange Lock	2
50	88-1710	Footrest	1	54	323-42	Screw - Cap, Hex. Hd.	1
51	88-1720	Pad - Footrest	1	55	32128-43	Nut - Hex. Flange	2
52	3230-1	Bolt - Carriage	2	56	323-14	Screw - Cap, Hex. Hd.	1

\* Not Illustrated

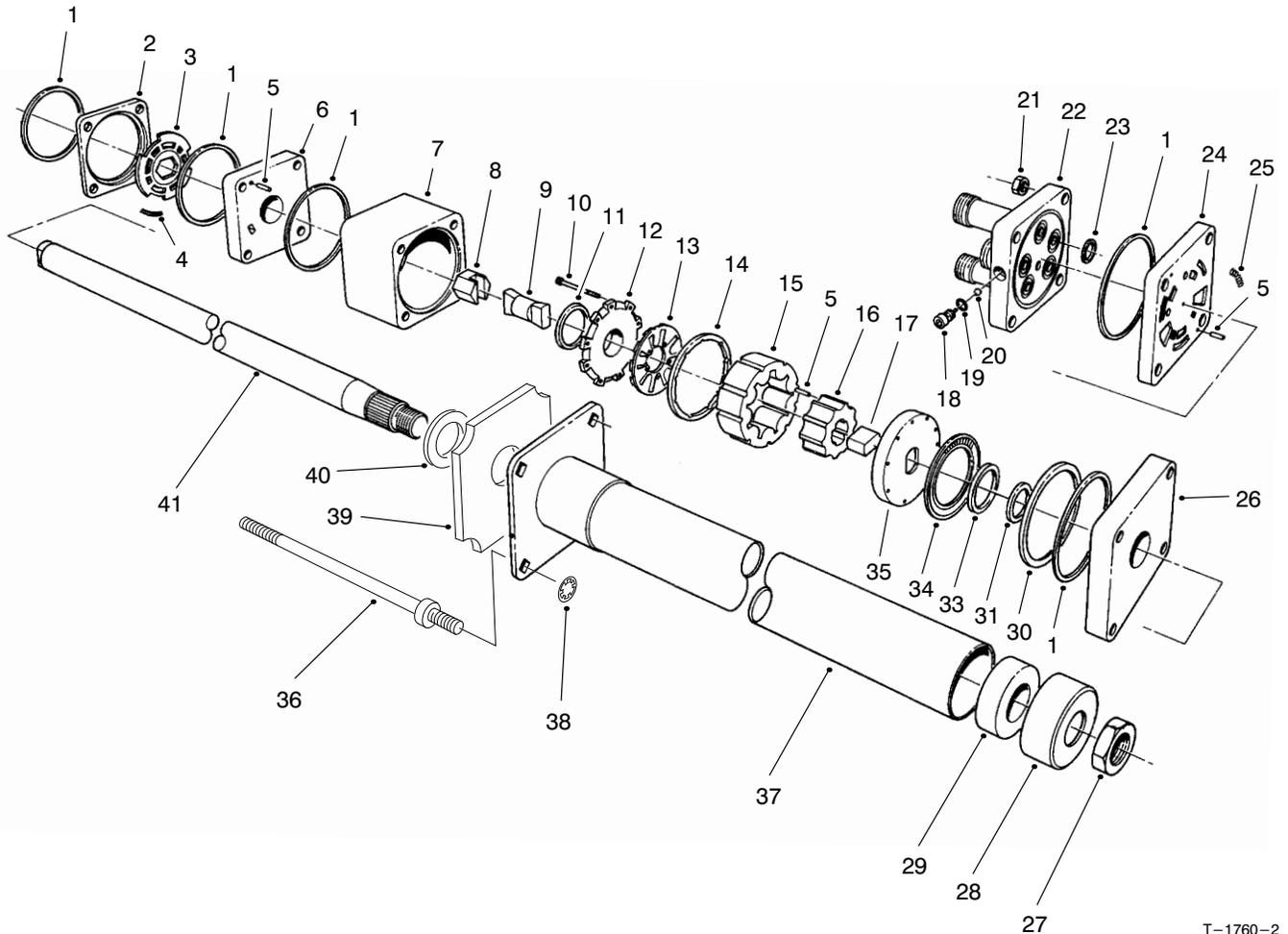


T-1187-3

## POWER STEERING ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	68-5370	Decal - Toro	1
2	66-9760	Nut - Hex.	1
3	75-0560	Wheel - Steering (Incl. Ref. #45-46)	1
4	21-9260	Cover - Dust	1
5	82-8660	Cover - Tower	1
6	32144-10	Screw - Hex. Hd. Self Tap	6
7	67-8690	Support - Column	1
8	3234-17	Screw - Cap, Hex. Hd.	2
9	77-3120	Bracket - Mount, Column	1
10	80-2960	Spacer - Tower	2
11	32153-2	Nut - Hex.	2
12	82-8760	Elbow	1
13	237-30	O-Ring	3
14	63-8970	Hose - Trans. to Steering	1
15	70-1390	Sleeve - Protective	1
16	3290-379	Tie - Cable	3
17	70-1380	Sleeve - Protective	1
18	68-9730	Hose - Steering to Cylinder	1
19	68-9720	Hose - Cylinder to Steering	1
20	237-22	O-Ring	3
21	82-8770	Elbow	1
22	63-8980	Hose - Aux. to Valve	1

Ref. No.	Part No.	Description	No. Used
23	63-8990	Hose	1
24	2412-36	Clamp	2
25	92-7308	Valve - Steering, Power	1
26	3256-46	Washer - Flat	2
27	323-6	Screw - Cap, Hex. Hd.	2
28	3256-3	Washer - Flat	4
29	80-2940	Plate - Pivot	1
30	3296-20	Nut - Lock	4
31	31-0390	Disc - Friction	1
32	80-2980	Boss - Pin	1
34	93-1353	Lever - Steering, Tilt	1
35	21-1880	Grip - Handle	1
36	3296-29	Nut - Lock	2
37	82-8650	Clamp - Half	1
38	82-9010	Disc - Friction	1
39	80-2930	Washer	1
40	80-2880	Bracket - Steering, Tilt	1
41	32128-20	Nut - Flange	1
42	3218-7	Nut - Jam	1
43	322-4	Screw - Cap, Hex. Hd.	1
44	82-8940	Decal - Steering, Tilt	1
45	32144-21	Screw	1
46	68-5140	Cap - Wheel, Steering	1



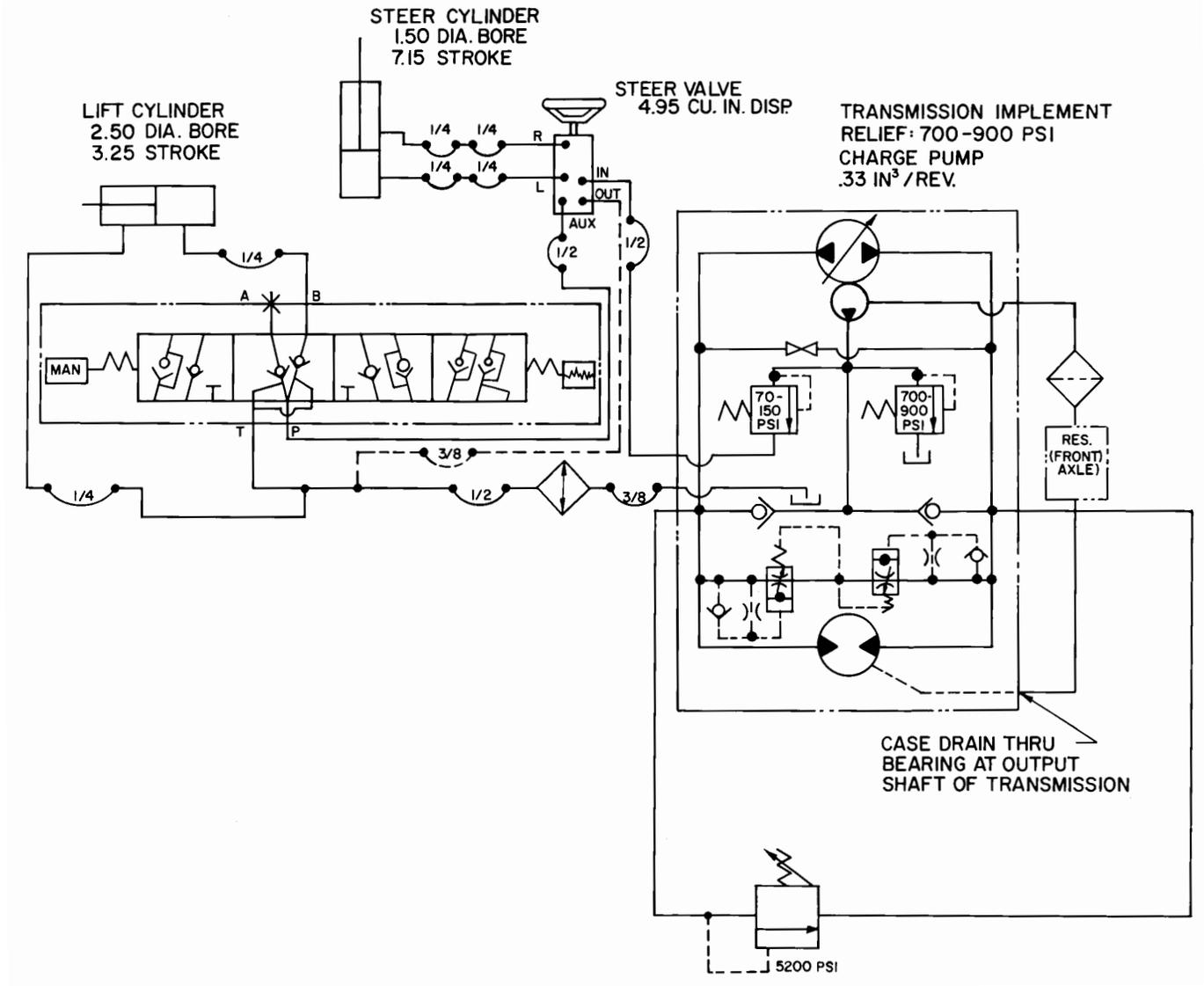
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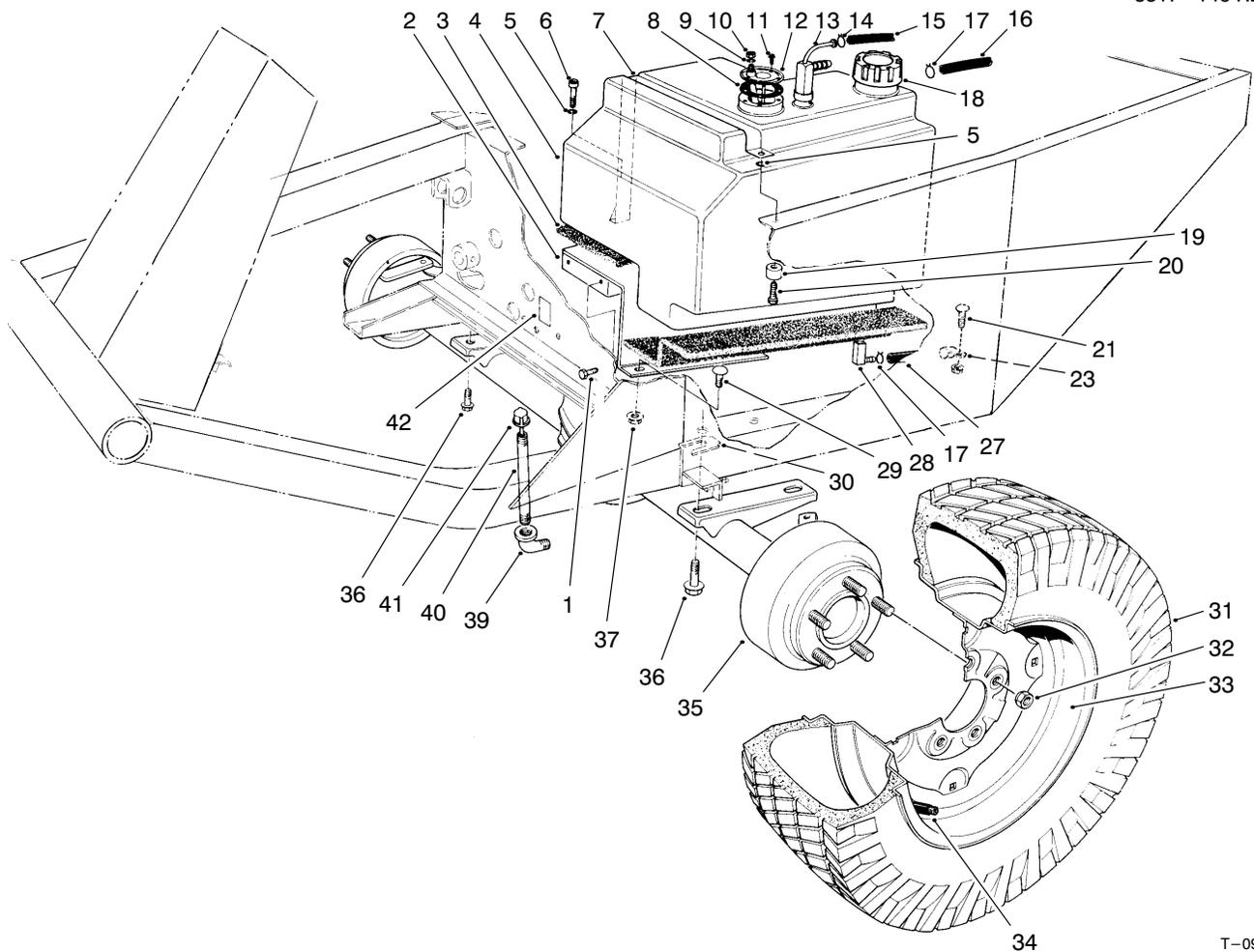
## POWER STEERING VALVE ASSEMBLY NO. 92-7308

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1		Ring - Seal	5	26		Plate - Upper Cover	1
2		Ring - Valve	1	27	3220-6	Nut	1
3		Plate - Valve	1	28	92-7315	Seal	1
4		Spring	3	29		Bearing	1
5		Pin - Alignment	9	30		Spacer - Thrust Bearing	1
6		Manifold - Isolation	1	31		Spacer - Seal	1
7		Ring - Metering	1	33		Seal-Face	1
8		Hex Drive Assy.	1	34		Bearing - Thrust	1
9		Link - Drive	1	35		Plate - Drive	1
10		Screw - Hex. Hd. Socket	11	36	92-7310	Bolt - Special	4
11		Seal - Commutator	1	37		Upper Cover & Jacket	1
12		Cover - Commutator	1	38	92-7316	Nut - Push On	4
13		Commutator	1	39	92-7317	Foam	1
14		Ring - Commutator	1	40		Washer - Retaining	1
15		Stator	1	41		Shaft - Input	1
16		Rotor	1	*	66-9970	Spring Kit (Incl. Ref. #4 & 25)	1
17		Spacer - Drive Link	1	*	66-9980	Seal Kit (Incl. Ref. #1, 11, 19, 23 & 33)	1
18		Plug	1	*	66-9990	Needle Roller Kit (Incl. Ref. #5)	1
19		O-Ring	1	*	92-7314	Assembly - Column (Incl. Ref. #27-29 & 37-41)	1
20		Ball	1				
21		Nut - Hex	4				
22		Cover - Port	1				
23		O-Ring	5				
24		Manifold - Port	1				
25		Spring	3				

\* Not Illustrated

# HYDRAULIC SCHEMATIC



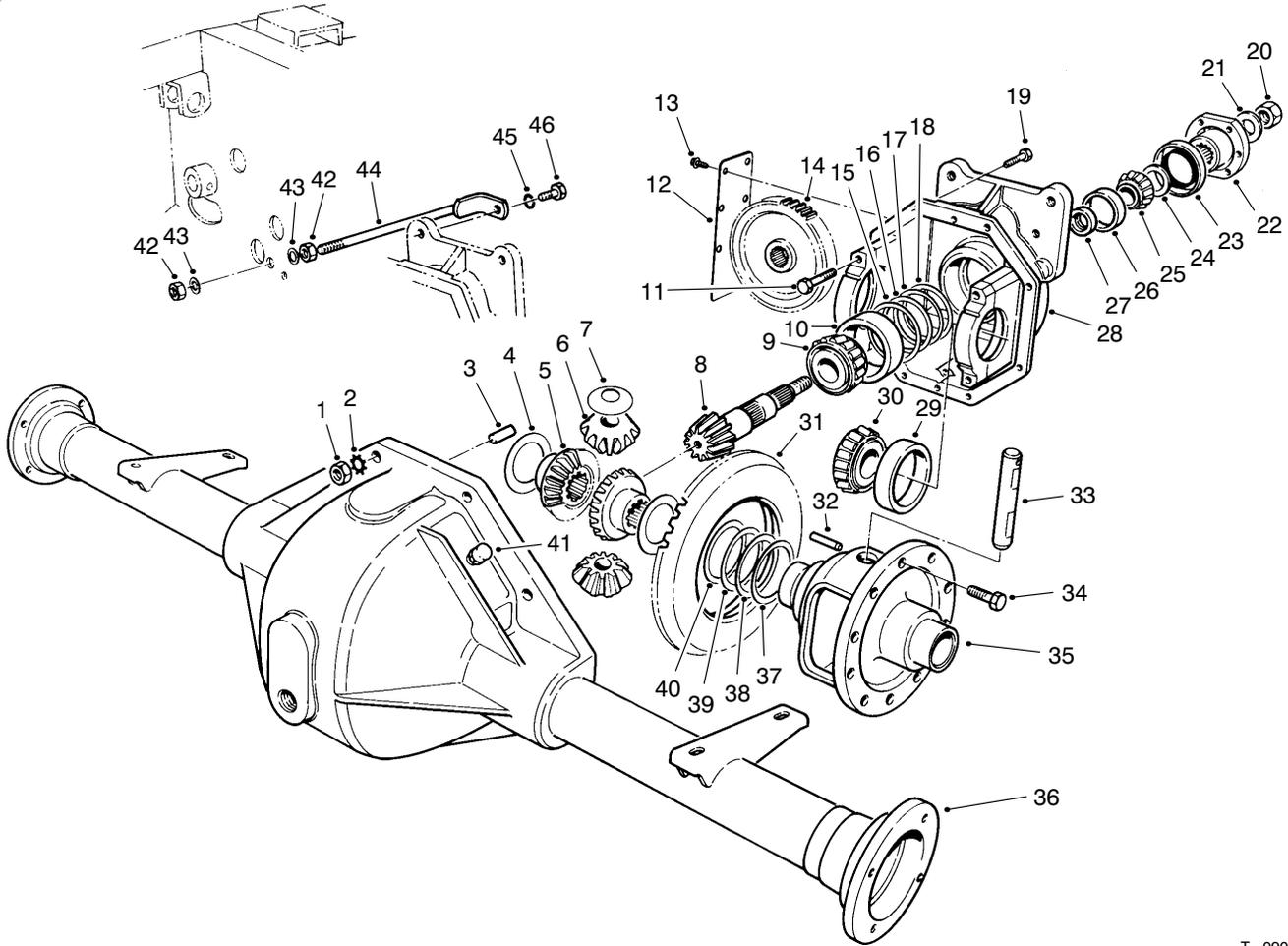


T-0926-2

## FRONT AXLE & FUEL TANK ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	3234-11	Screw - Flange Head	2	28	43-4190	Fitting Assembly	1
2	68-9760	Fuel Tank Base	1	29	3230-2	Bolt - Carriage	3
3	21-3600	Foam - Tank Support	1	30	42-6080	Shim - Axle	A/R
4	43-4150	Fuel Tank (Incl. Ref. #13 & 14)	1	31	231-101	Tire	2
5	3253-3	Washer - Lock	2	*	231-95	Tire - 23x10.5x12 (Optional)	2
6	32104-96	Screw - Cap, Hex. Hd.	1	32	23-7270	Nut - Wheel	10
7	37-9550	Strap - Fuel Tank	1	33	217-117	Rim	2
8	62-7650	Gasket	1	*	217-116	Rim - 23x10.5x12 (Optional)	2
9	3253-17	Washer - Lock	1	34	232-31	Valve Stem w/Cap	2
10	3219-14	Nut	1	*	232-27	Valve Stem (For 23x10.5x12 Rim Opt.)	1
11	32144-53	Screw - Thread Forming	5	35	86-9630	Front Axle Assembly	1
12	62-6840	Sender - Fuel Level	1	36	32144-67	Screw - Cap, Self Tap	4
13	43-4160	Fitting - Return & Vent	1	37	32128-20	Nut - Flange	3
14	2412-79	Clamp	1	39	2811-9	Street Elbow	1
15	43-4230	Hose - Return	1	40	289-37	Nipple - Pipe	1
16	43-5690	Hose - Vent, Fuel Tank	1	41	23-5180	Dipstick	1
17	2412-6	Clamp	2	42	53-4430	Decal - Oil	1
18	55-3572	Fuel Cap	1	*	231-90	Tube - Inner	2
19	22-7810	Spacer	1	*	62-7020	23x10.5x12 Tire Assembly (Optional)	2
20	321-6	Screw - Cap, Hex. Hd.	1				
21	21-3610	Foam - Tank Support	1				
23	2412-4	Clamp	1				
27	63-9640	Hose - Fuel	1				

\* Not Illustrated



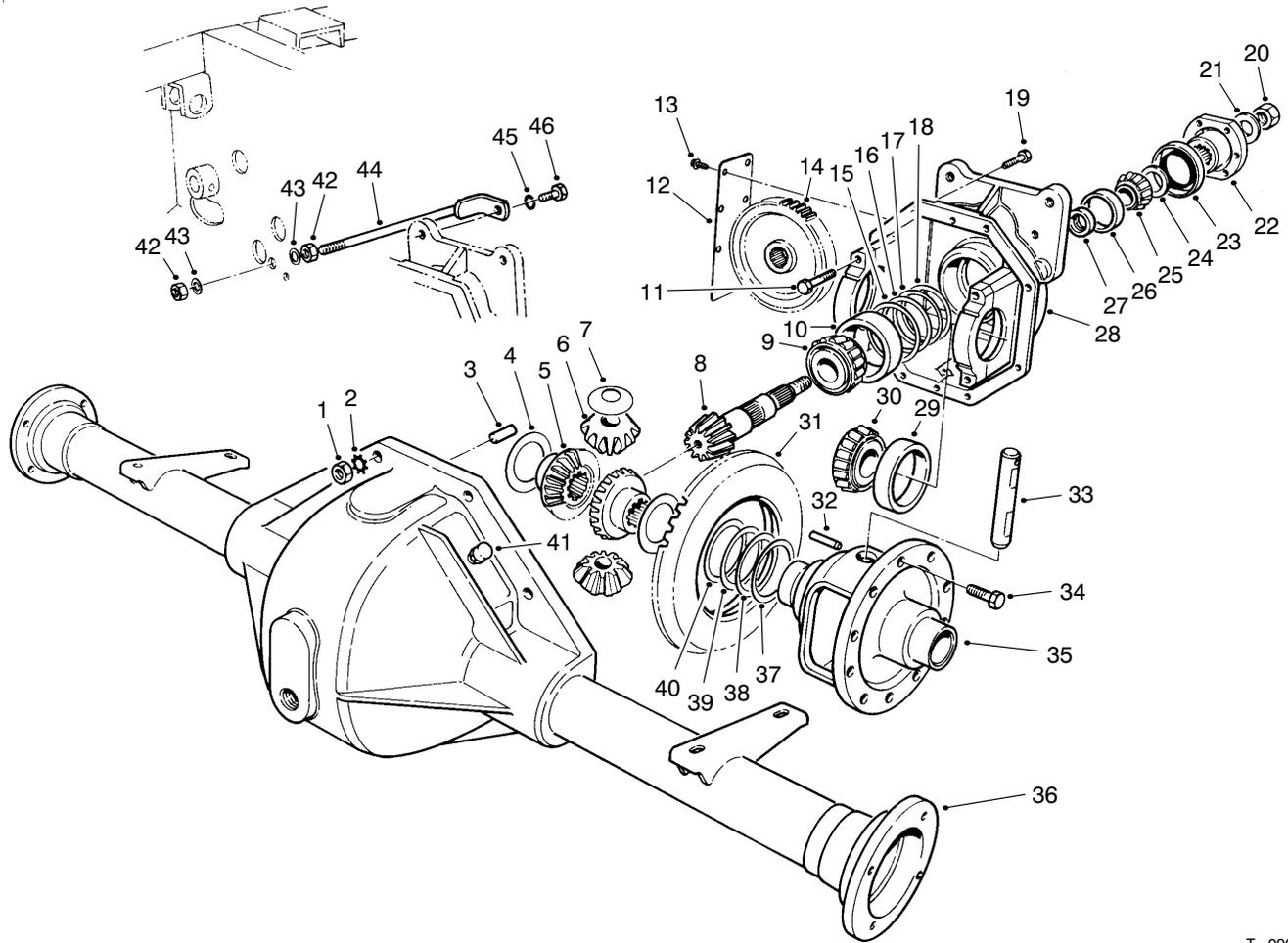
T-0905-2

## FRONT AXLE ASSEMBLY NO. 86-9630

Ref. No.	Part No.	Description	No. Used
1	3219-2	Nut	8
2	3255-8	Washer - Lock	8
3	21-8270	Pin - Dowel	2
4	21-7720	Washer - Thrust	2
5	24-8790	Gear - Bevel, Diff. Side	2
6	21-7690	Gear - Pinion	2
7	21-7730	Washer - Thrust	2
8		Pinion - Drive	1
9	43-6760	Cone - Bearing, Tapered	1
10	43-6750	Cup - Bearing, Tapered	1
11	92-1773	Screw - Cap, Hex. Hd.	4
12	21-7830	Cover - Gear	1
13	12-5450	Screw - Thread Forming	8
14	86-7230	Gear - Spur	1
15	43-6710	Shim .003 - Diff. Adjust.	A/R
16	43-6711	Shim .005 - Diff. Adjust.	A/R
17	43-6712	Shim .010 - Diff. Adjust.	A/R
18	43-6713	Shim .030 - Diff. Adjust.	A/R
19	3210-7	Screw - Cap, Hex. Hd.	8
20	71-4350	Nut	1
21	71-4340	Washer	1
22	68-7010	Flange	1
23	71-4330	Seal	1
24	72-3570	Shim .094 - Diff. Adjust.	A/R
*	72-3571	Shim .096 - Diff. Adjust.	A/R
*	72-3572	Shim .098 - Diff. Adjust.	A/R

Ref. No.	Part No.	Description	No. Used
24	72-3573	Shim .100 - Diff. Adjust.	A/R
*	72-3574	Shim .102 - Diff. Adjust.	A/R
*	72-3575	Shim .104 - Diff. Adjust.	A/R
*	72-3576	Shim .106 - Diff. Adjust.	A/R
*	72-3577	Shim .108 - Diff. Adjust.	A/R
*	72-3578	Shim .110 - Diff. Adjust.	A/R
*	72-3580	Shim .112 - Diff. Adjust.	A/R
*	72-3581	Shim .114 - Diff. Adjust.	A/R
*	72-3582	Shim .116 - Diff. Adjust.	A/R
*	72-3583	Shim .118 - Diff. Adjust.	A/R
*	72-3584	Shim .120 - Diff. Adjust.	A/R
*	72-3585	Shim .125 - Diff. Adjust.	A/R
*	72-3586	Shim .127 - Diff. Adjust.	A/R
*	72-3587	Shim .129 - Diff. Adjust.	A/R
*	72-3588	Shim .131 - Diff. Adjust.	A/R
*	72-3590	Shim .133 - Diff. Adjust.	A/R
*	72-3591	Shim .135 - Diff. Adjust.	A/R
*	72-3592	Shim .137 - Diff. Adjust.	A/R
*	72-3593	Shim .139 - Diff. Adjust.	A/R
*	72-3594	Shim .141 - Diff. Adjust.	A/R
*	72-3595	Shim .143 - Diff. Adjust.	A/R
*	72-3596	Shim .145 - Diff. Adjust.	A/R
*	72-3597	Shim .147 - Diff. Adjust.	A/R
*	72-3598	Shim .149 - Diff. Adjust.	A/R
*	72-3600	Shim .151 - Diff. Adjust.	A/R
25	254-91	Cone - Bearing	1

\* Not Illustrated

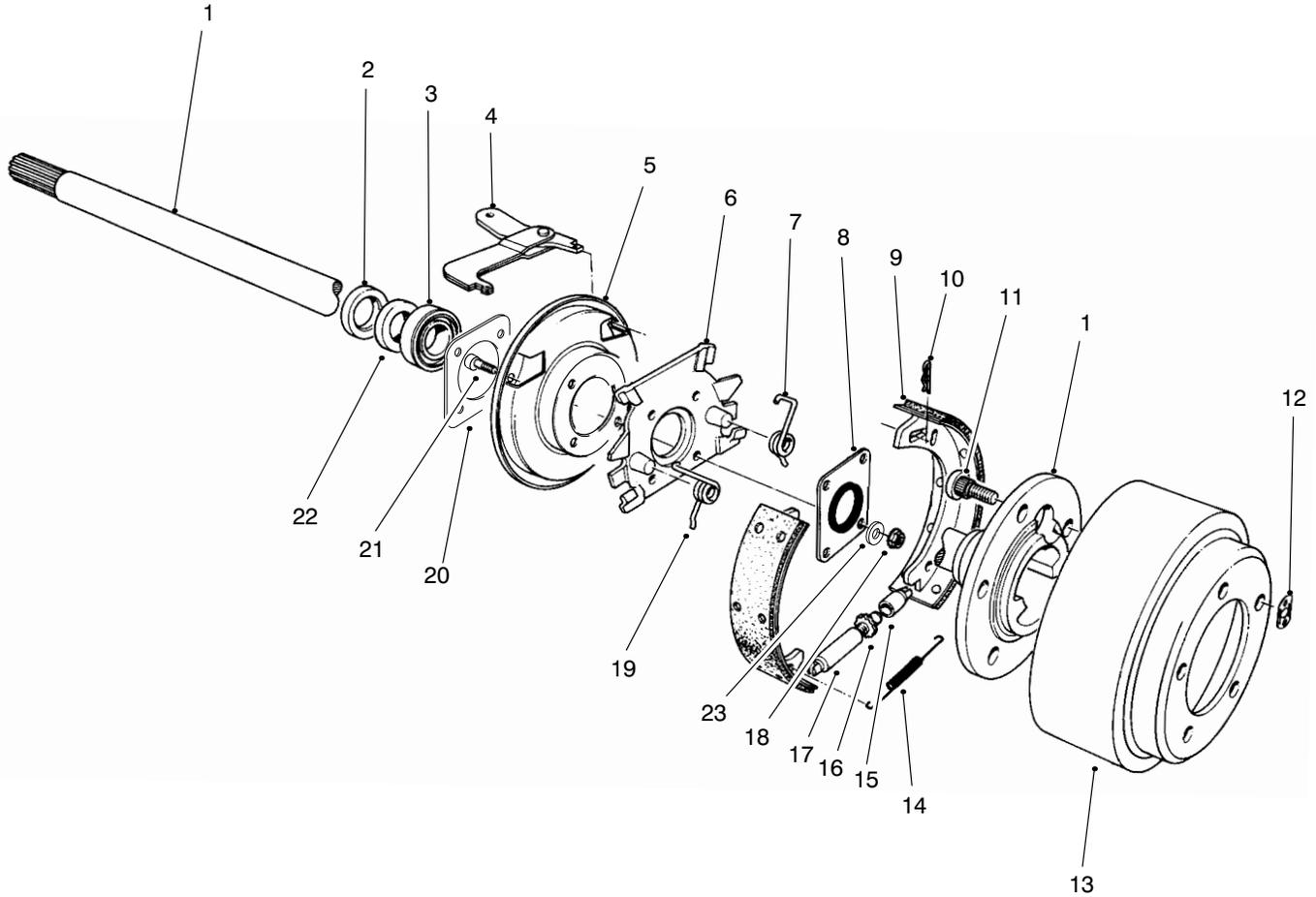


T-090-2

## FRONT AXLE ASSEMBLY NO. 86-9630 (Continued)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
26	254-90	Cup - Bearing	1	38	21-8110	Shim .010 - Diff. Adjust.	A/R
27	21-8020	Spacer - Bearing, Pinion Ft.	1	39	21-8100	Shim .005 - Diff. Adjust.	A/R
28	86-9610	Assembly - Carrier (Incl. Ref. #11)	1	40	21-8090	Shim .003 - Diff. Adjust.	A/R
29	254-66	Cup - Bearing, Tapered	2	41	72-9420	Vent Assembly	1
30	254-65	Cone - Bearing, Tapered	2	42	3217-9	Nut - Hex.	2
31		Gear - Ring	1	43	3256-6	Washer - Flat	2
32	32121-15	Pin - Roll	1	44	24-9830	Support - Axle	1
33	21-7700	Shaft - Pinion, Mate	1	45	3253-21	Washer - Lock	1
34	21-7770	Screw - Gear, Drive	5	46	323-6	Screw - Cap Hex. Hd.	1
35	21-7670	Case - Differential	1	*	92-1676	Gear & Pinion Assembly (Incl. Ref. #8 & 31)	1
36	43-6840	Housing - Lower	1	*	92-4902	Upper Housing Assy. 4WD (Incl. Ref. #4-35 & 37-40)	1
37	21-8120	Shim .030 - Diff. Adjust.	A/R				

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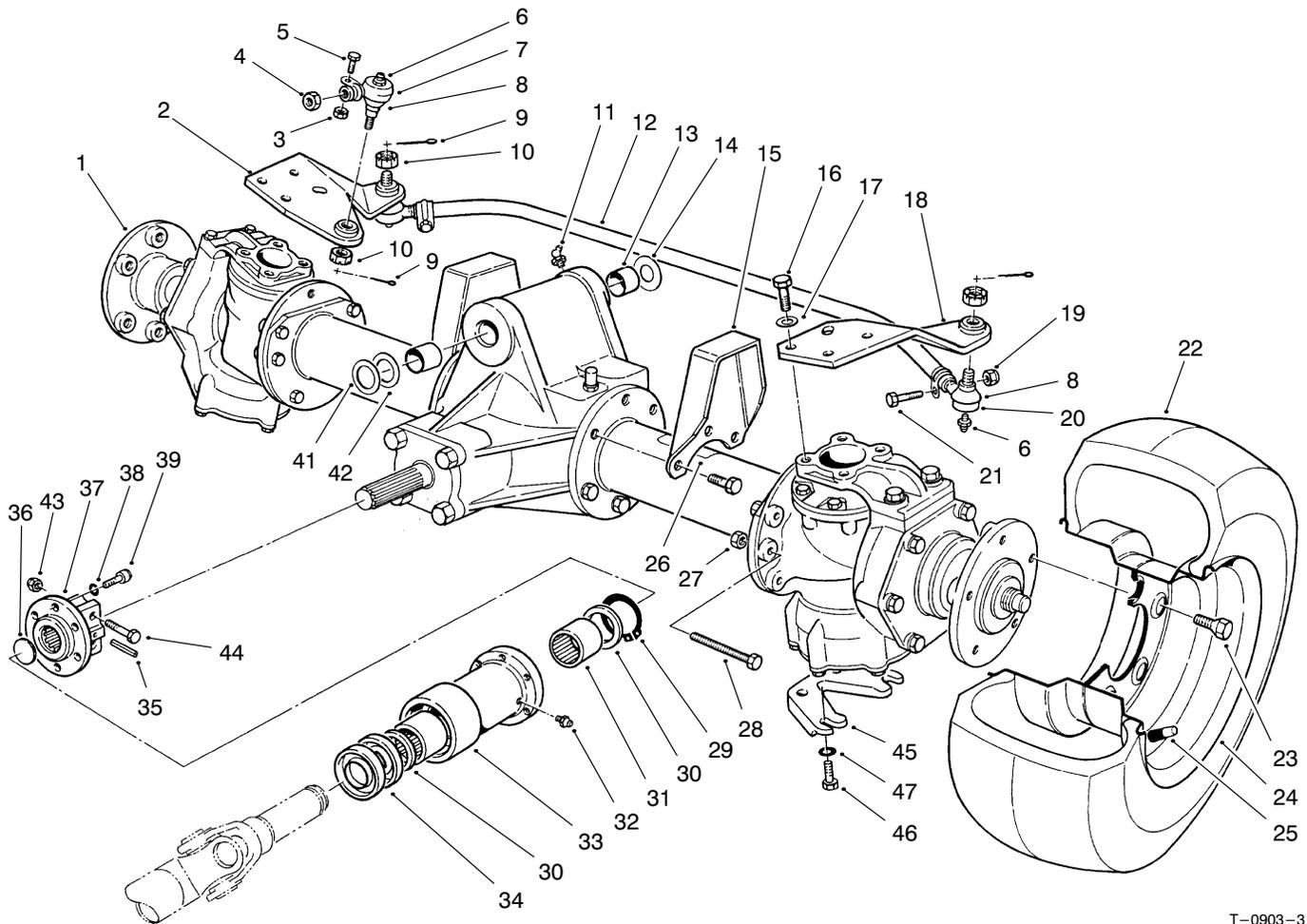
T-0421-5

## BRAKE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	28-0650	Shaft - Flanged, Axle	2
2	92-1774	Seal - Oil	2
3	21-8180	Bearing	2
4	24-9180	Strut & Lever Parking Brake	2
5	21-9450	Dust Shield	2
6	43-6810	Torque - Spider	2
7	21-9430	Spring - Shoe Return R.H.	2
8	28-0670	Seal - Oil	2
9	84-8600	Shoe & Lining Assembly (Set of 4)	1
10	21-9460	Retainer - Brake Lever	4
11	242-34	Stud - Flanged, Axle	10
12	21-8360	Clip - Retaining	2

Ref. No.	Part No.	Description	No. Used
13	28-0680	Brake Drum	2
14	21-9440	Spring - Adjusting Screw	2
15	21-9390	Socket - Adjusting Screw	2
16	21-9370	Screw - Adjusting	2
17	21-9380	Nut - Pivot	2
18	94-6935	Nut - Lock	8
19	21-9420	Spring - Shoe Return L.H.	2
20	93-7416	Insert - Shield, Dust	2
21	94-6934	Screw - Cap, Hex. Hd.	8
22	24-8840	Ring - Wheel Bearing	2
23	94-6936	Washer	8
*	92-8775	Gasket - Kit Liquid	1

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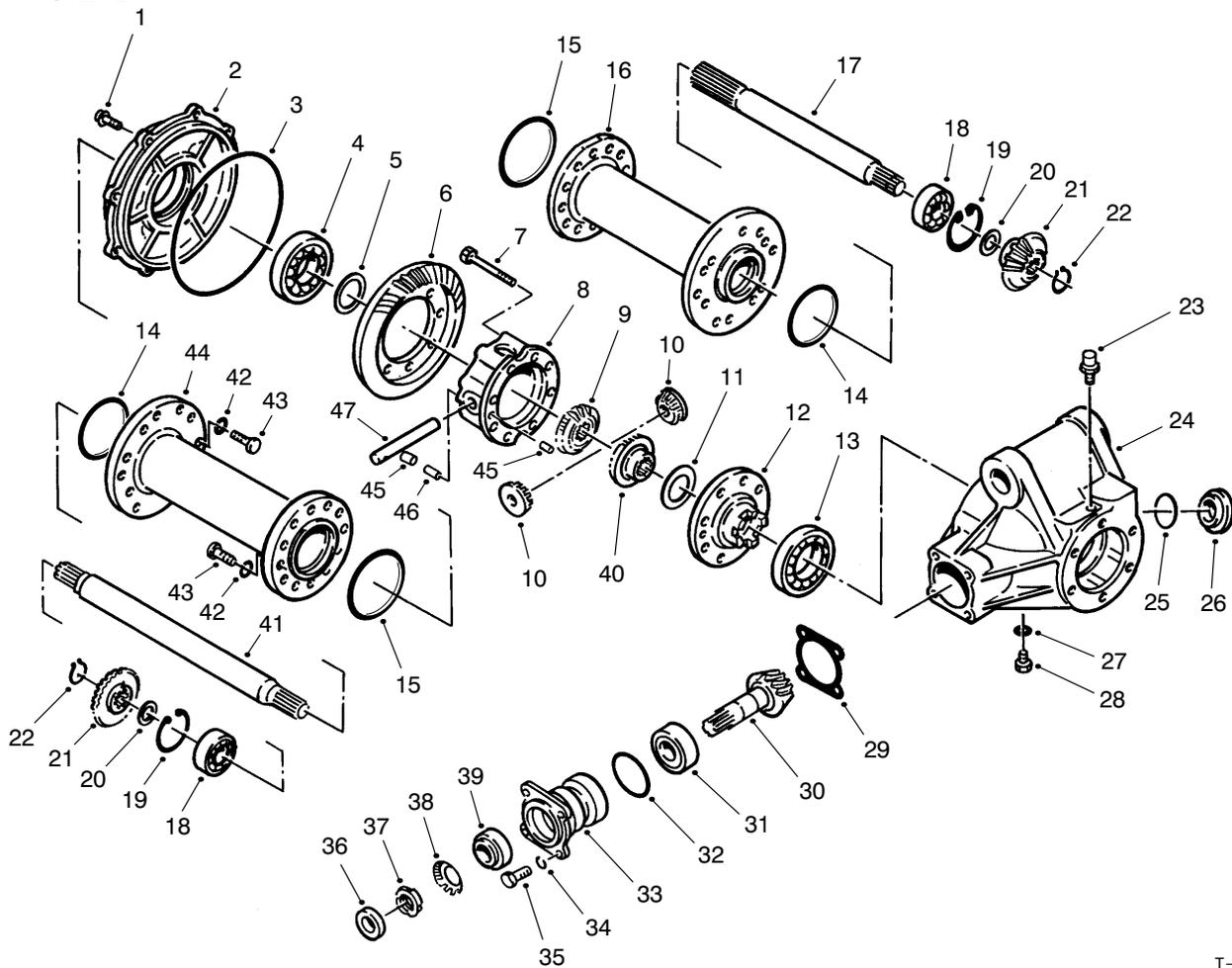


T-0903-3

## STEERABLE AXLE ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	68-6824	Rear Axle Assembly	1	22	231-122	Tire	2
2	68-6910	Arm - R.H., Steering	1	23	71-4450	Bolt - Wheel	10
3	3296-43	Nut - Lock	1	24	217-106	Wheel	2
4	3220-5	Nut - Jam	1	25	232-31	Stem - Valve	2
5	3210-7	Screw - Cap, Hex. Hd.	1	26	70-2560	Decal - Lube	1
6	302-55	Fitting - Grease	3	27	48-7960	Nut	2
7	68-6870	Rod End (Incl. Ref.#3, 5, 6, 8 & 10)	1	28	71-4690	Screw - Cap, Hex. Hd.	2
8	71-4760	Seal - Rod	3	29	32151-87	Ring - Retaining	1
9	3272-11	Pin - Cotter	3	30	71-4590	Washer - Thrust	2
10	32136-13	Nut - Slotted	3	31	71-4580	Clutch - Roller	2
11	302-11	Fitting - Grease	1	32	302-5	Fitting - Grease	1
12	71-4750	Tube & Clamp Assembly	1	33	71-4570	Housing - Clutch	1
*	71-4530	Tie Rod Assembly (Incl. Ref.#6, 8, 10, 12, & 19-21)	1	34	253-155	Seal	2
13	67-1750	Bushing	2	35	32121-34	Pin - Roll	1
14	71-4540	Washer - Thrust	1	36	284-3	Plug - Welch	1
15	68-6990	Stop - Oscillation	2	37	76-4690	Coupling - Axle	1
16	48-7780	Screw - Cap, Hex. Hd.	8	38	3253-3	Washer - Lock	6
17	48-9220	Washer - Flat	8	39	3274-8	Screw - Cap, Hex. Hd.	6
18	68-6930	Arm - L.H., Steering	1	41	56-2460	Washer - Flat	A/R
19	3296-39	Nut - Lock	2	42	5-1226	Washer	A/R
20	71-4740	Rod End (Incl. Ref. #6, 8 & 10)	2	43	3296-29	Nut - Lock	2
21	323-9	Screw - Cap, Hex. Hd.	2	44	322-8	Screw - Cap, Hex. Hd.	2
				45	93-1395	Plate - Skid	2
				46	48-7730	Screw - HH	4
				47	3256-23	Washer - Flat	4

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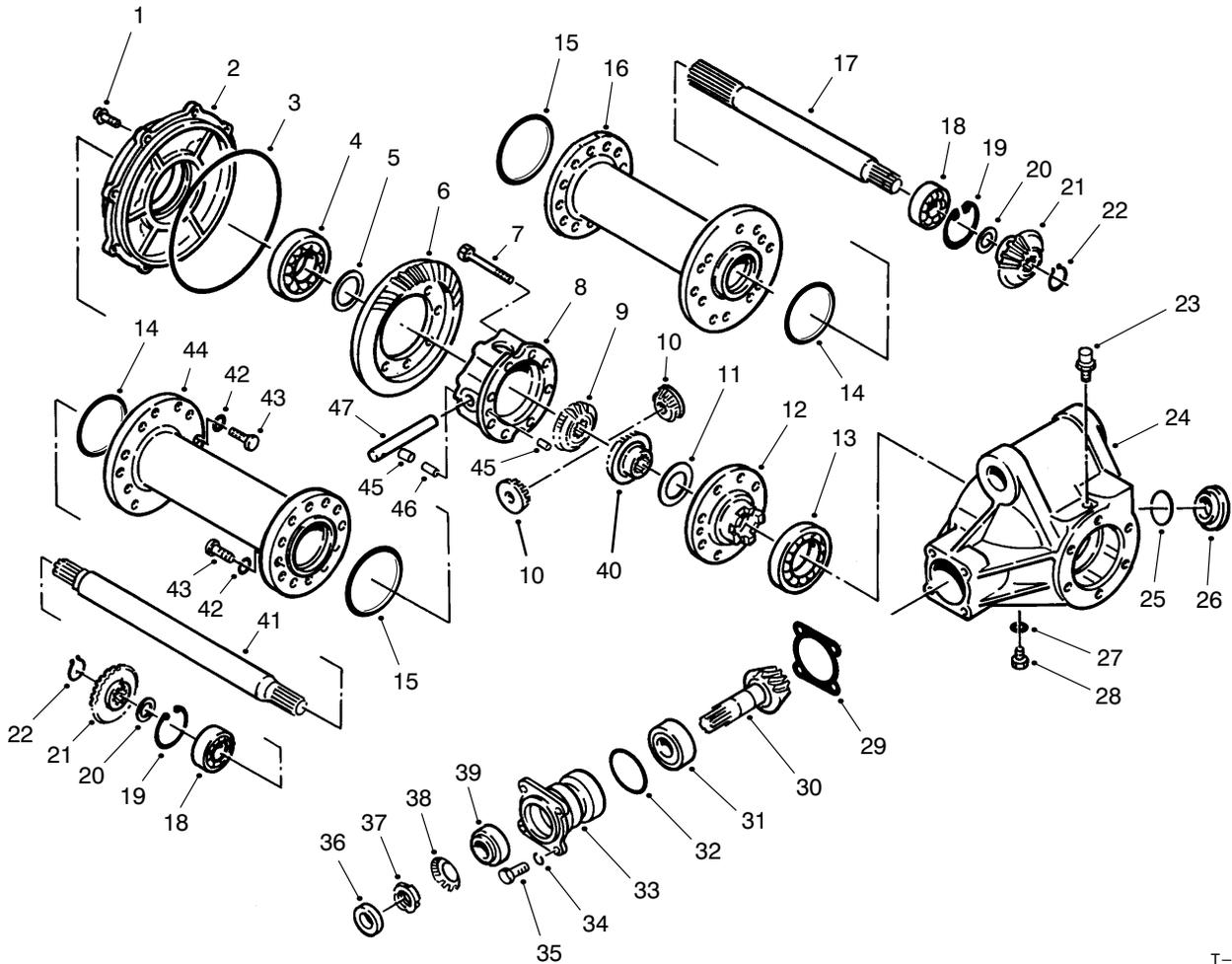
T-1305-1

## REAR AXLE ASSEMBLY NO. 68-6824

Ref. No.	Part No.	Description	No. Used
1	72-5800	Bolt	8
2	72-4880	Cover	1
3	72-4890	O-Ring	1
4	251-344	Bearing - Ball	1
5	72-4960	Shim .1 mm	1
*	72-4970	Shim .15 mm	1
*	72-4980	Shim .5 mm	1
*	72-4990	Shim .8 mm	1
*	72-5000	Shim 1.0 mm	1
*	72-5010	Shim 1.2 mm	1
6		Gear - Bevel	1
7	72-5810	Bolt	8
8	72-4900	Case - Differential	1
9	72-4930	Gear - Side	1
10	72-4950	Gear - Pinion	2
11	72-5040	Washer - Gear	1
12	72-4910	Flange - Case	1
13	251-345	Bearing - Ball	1
14	93-3664	Seal - O-Ring	2
15	93-3665	Seal - O-Ring	2
16	72-5050	Tube - Axle RH	1
17	72-5060	Axle - RH	1
18	251-350	Bearing - Ball	2
19	72-5360	Ring - Retaining	2
20	72-5100	Spacer	2
21	72-5090	Gear - Bevel	2

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

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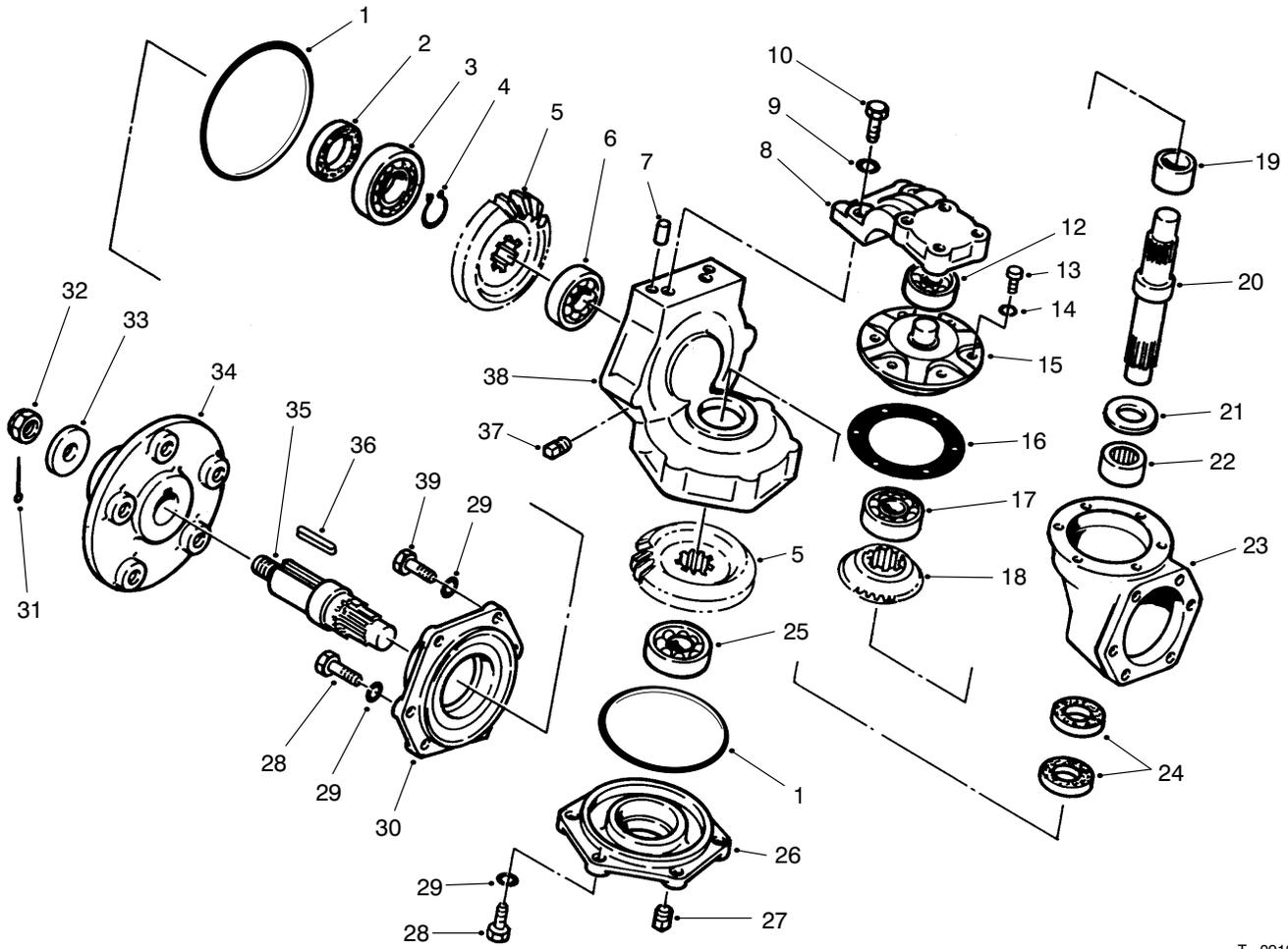
T-1305-1

## REAR AXLE ASSEMBLY NO. 68-6824 (Continued)

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

Ref. No.	Part No.	Description	No. Used
47	72-5020 83-5370	Shaft - Pinion Ring & Pinion Assembly (Incl. Ref.#6 & 30)	1 1

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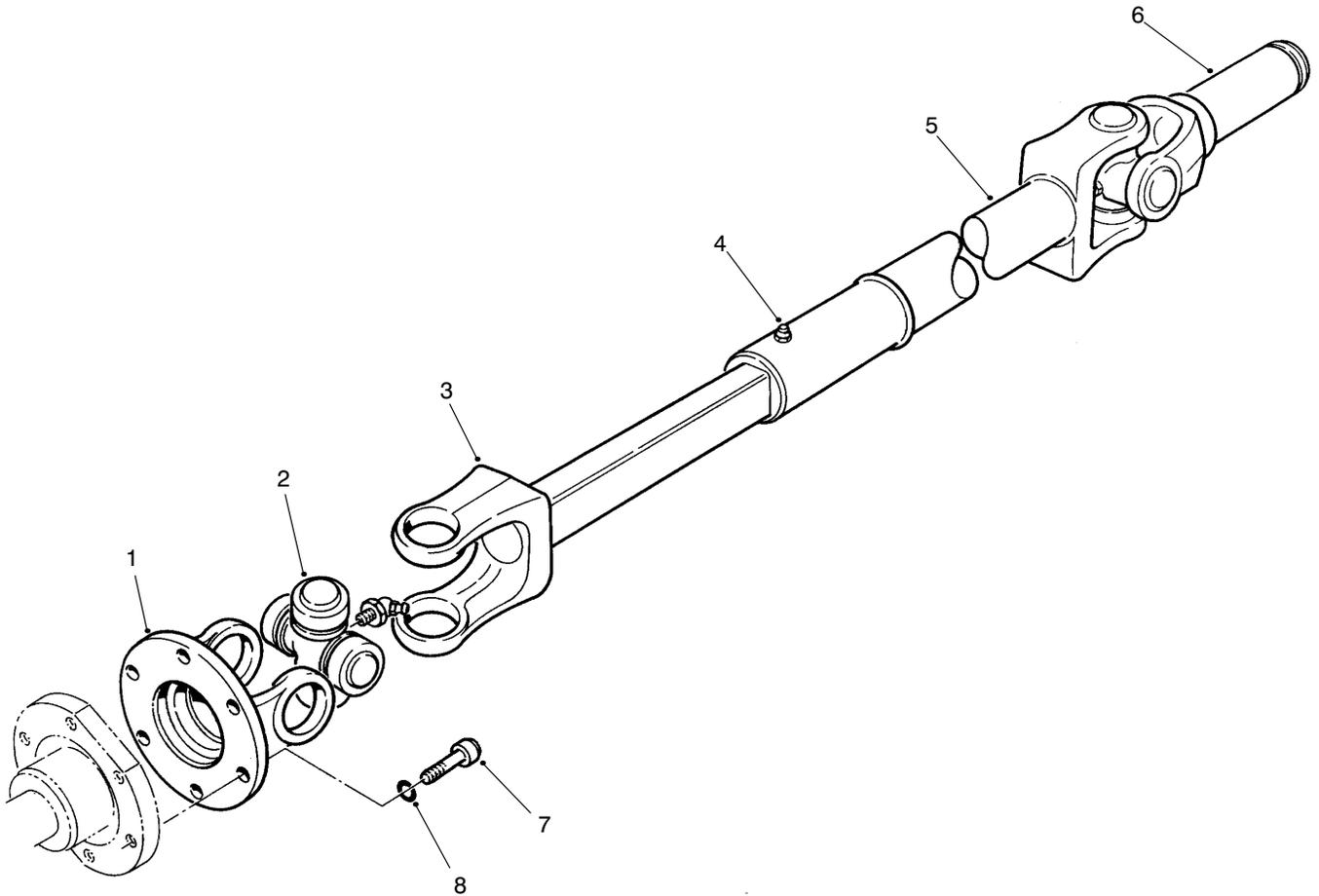
T-0912-1

## REAR AXLE ASSEMBLY NO. 68-6824 (Continued)

Ref. No.	Part No.	Description	No. Used
1	93-3670	Seal - O-Ring	4
2	72-5740	Seal - Oil	2
3	251-348	Bearing - Ball	2
4	72-5720	Ring - Retaining	2
5	72-5580	Gear - Bevel	4
6	251-8	Bearing - Ball	2
7	93-3671	Pin - Dowel	4
8	93-3672	Arm - Knuckle	2
9	42-9600	Washer - Lock	28
10	48-9470	Screw - Cap, M10 x 30	4
12	251-347	Bearing - Ball	2
13	72-5790	Screw - Cap, M6 x 18	12
14	43-5930	Washer - Lock	12
15	72-5590	Retainer - Bearing	2
16	72-5630	Gasket	2
17	251-349	Bearing - Ball	2
18	72-5090	Gear - Bevel	2
19	72-5680	Spacer	2
20	72-5560	Pin - King, Knuckle	2

Ref. No.	Part No.	Description	No. Used
21	93-3668	Washer - Thrust	2
22	93-3669	Bearing - Needle	2
23	93-3666	Gear Box - Axle	2
24	72-5730	Seal - Oil	4
25	251-263	Bearing - Ball	2
26	72-5550	Cover	2
27	281-10	Plug - Socket, Hex.	2
28	48-9460	Screw - Cap, M8 x 25	20
29	42-9850	Washer - Lock, M8	28
30	72-5540	Case - Knuckle	2
31	3272-17	Pin - Cotter	2
32	72-5770	Nut - Castle	2
33	72-5660	Washer - Shaft, Wheel	2
34	72-5650	Hub - Wheel	2
35	72-5570	Shaft - Axle, Outer	2
36	72-5780	Key	2
37	281-7	Plug - Pipe, Square Hd.	2
38	93-3667	Case - Knuckle	2
39	48-7710	Screw - Cap, M8 x 20	4

\* Not Illustrated



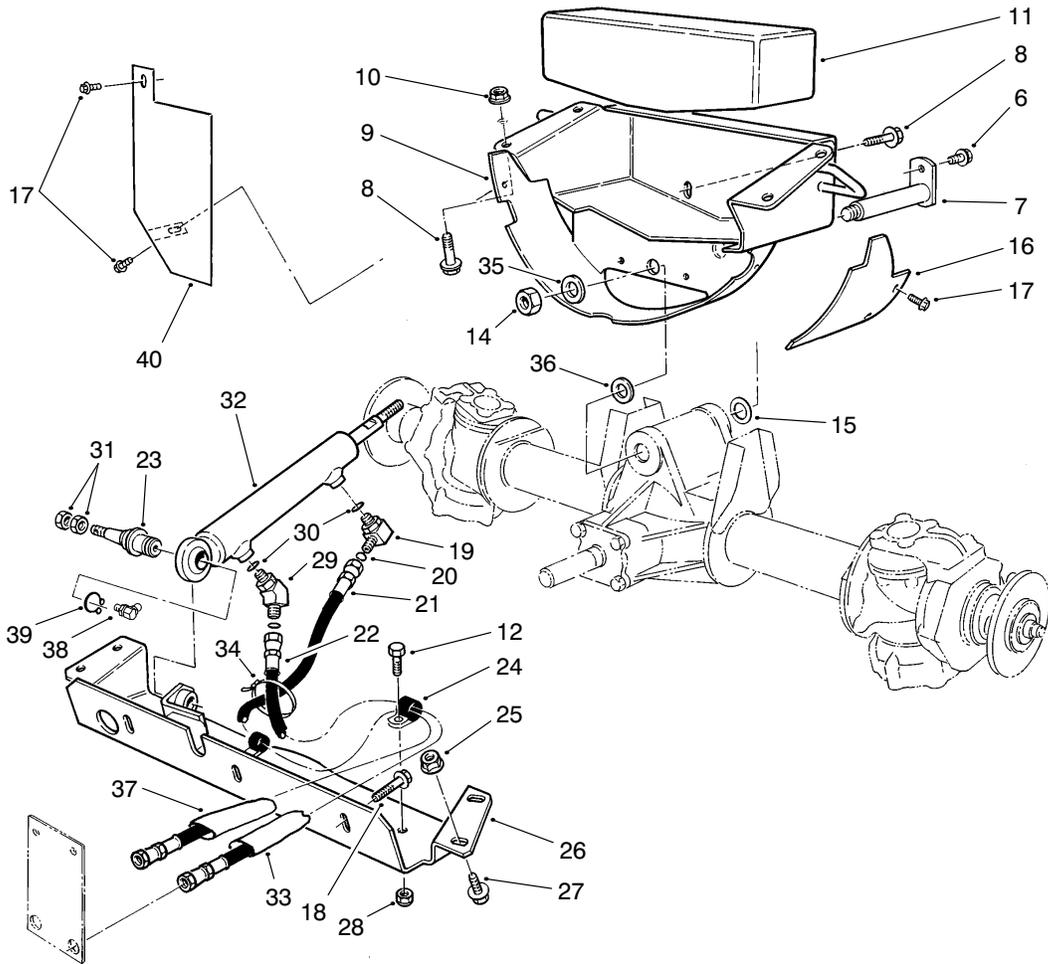
T-0906-1

## DRIVE SHAFT ASSEMBLY NO. 71-4551

Ref. No.	Part No.	Description	No. Used
1	72-3410	Yoke - Flange	1
2	54-9180	Kit - Universal Joint	2
3	72-3420	Shaft - Yoke, Slip	1
4	302-58	Fitting - Grease	1
5	72-3431	Tube - Yoke, Slip	1

Ref. No.	Part No.	Description	No. Used
6	72-3440	Yoke - Shaft	1
7	3274-8	Screw - Cap, Soc. Hd.	6
8	3253-3	Washer - Lock	6
*	71-4551	Driveshaft (Complete)	1

\* Not Illustrated



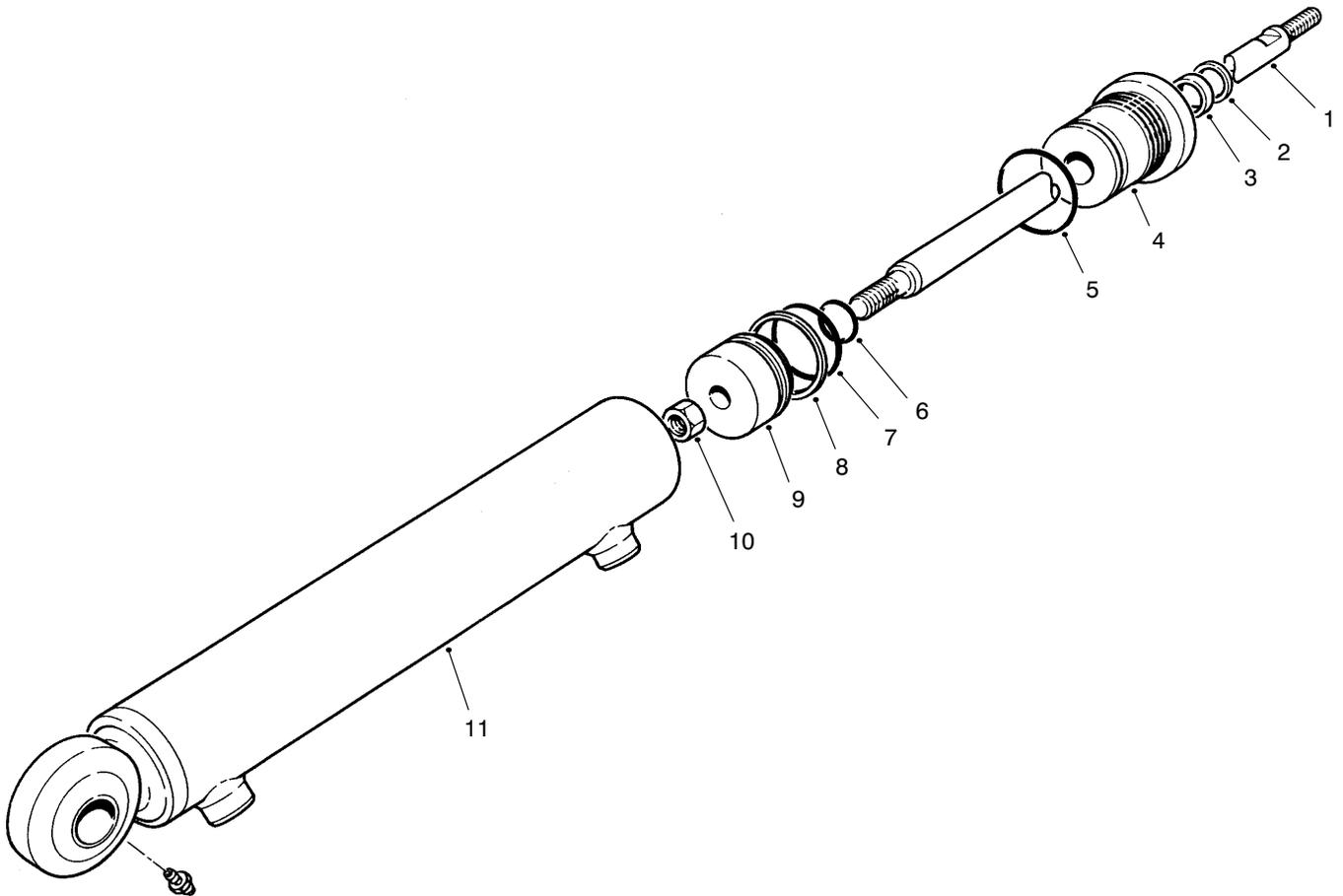
T-0908-2

## AXLE SUPPORT & STEERING CROSS MEMBER

Ref. No.	Part No.	Description	No. Used
6	32144-14	Screw - Self Tapping	1
7	92-7807	Pin - Axle, Rear	1
8	3234-32	Screw - Flange, Hex. Hd.	6
9	92-7803	Support - Axle	1
10	32128-23	Nut - Lock, Flange	4
11	67-8960	Weight - Rear	1
12	322-5	Screw - Cap, Hex. Hd.	2
14	32146-20	Nut	1
15	71-4540	Washer - Thrust	2
16	93-7042	Cover - Guard, Flywheel	1
17	32144-10	Screw - Thread Forming	2
18	3234-24	Screw - Flange, Hex. Hd.	3
19	340-97	Elbow - Fitting	1
20	237-22	O-Ring	2
21	71-4430	Hose Assy. - Steering	1
22	68-9710	Hose Assy. - Steering	1
23	92-5838	Ball - Joint	1

Ref. No.	Part No.	Description	No. Used
24	2412-39	Clamp	2
25	32128-21	Nut - Flange	4
26	92-7810	Cross Member	1
†27	3234-25	Screw - Flange, Hex. Hd.	4
28	3296-20	Nut - Lock	2
29	340-54	Fitting	1
30	237-78	O-Ring	2
31	3220-6	Nut - Jam	2
32	92-7829	Cylinder - Hyd., Steering	1
33	92-7839	Sleeve - Protective, Short	1
34	3290-379	Tie - Cable	1
35	5-1226	Washer	A/R
36	56-2460	Washer - Flat	A/R
37	92-7840	Sleeve - Protective, Long	1
38	302-60	Fitting - Grease 90°	1
39	32151-104	Ring - Retaining	1

† Included in Ref. #3, Page 1

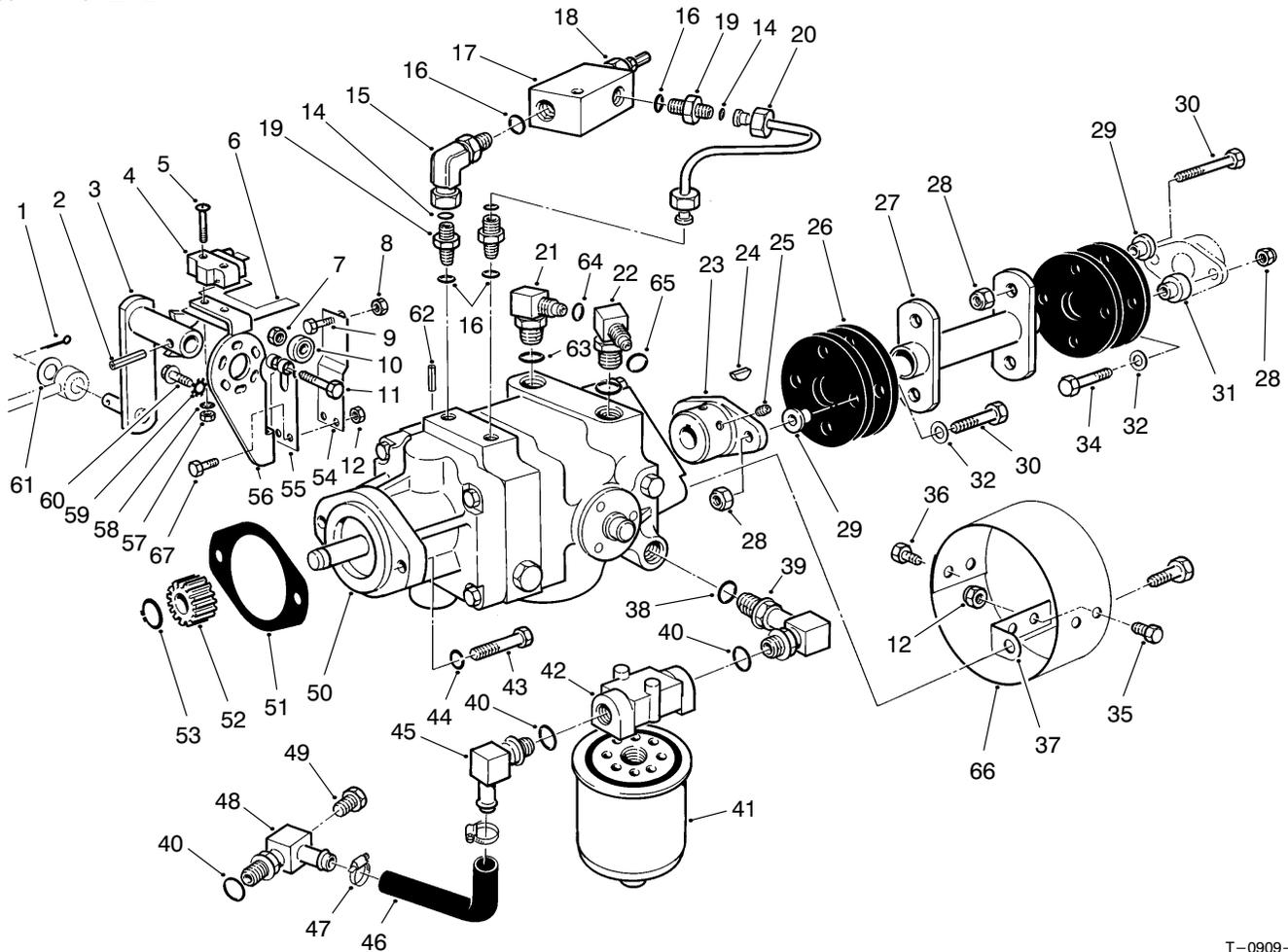


T-0904-1

## STEERING CYLINDER PART NO. 92-7829

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	92-8942	Rod	1	9	92-8943	Piston	1
2		Wiper	1	10	66-1930	Nut	1
3		U-Cup	1	11	92-8941	Barrel Assembly	1
4	92-8944	Head - Internal	1	*	92-8945	Kit - Seal (Incl. Ref.#2, 3, & 5-8)	1
5		O-Ring	1				
6		O-Ring	1				
7		O-Ring	1				
8		Ring - Piston	1				

\* Not Illustrated



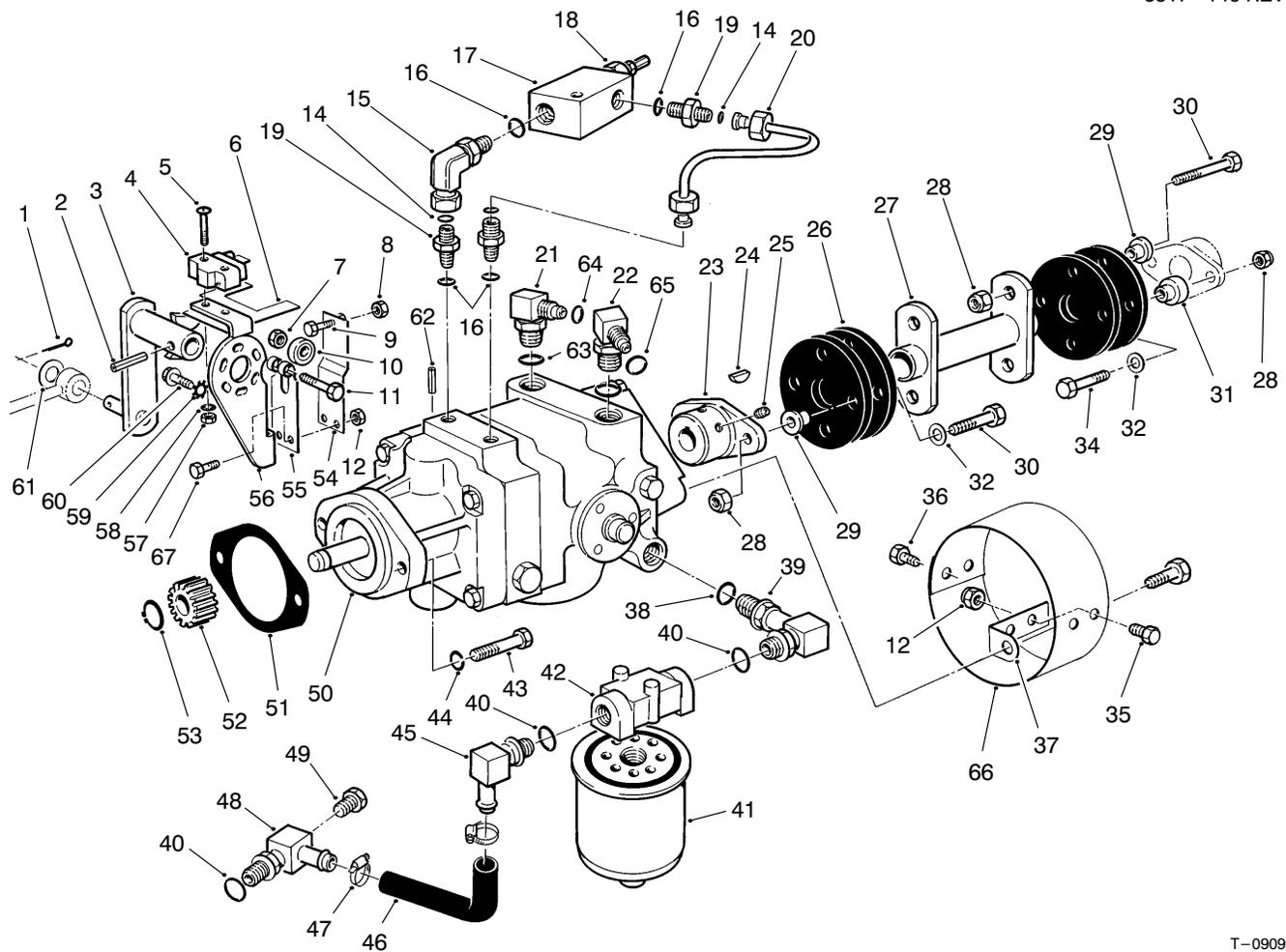
T-0909-2

## HYDROSTATIC TRANSMISSION

Ref. No.	Part No.	Description	No. Used
1	3272-10	Pin - Cotter	1
2	32121-24	Pin - Roll	1
3	28-9570	Lever - Pump	1
4	29-6163	Switch - Micro	1
5	3249-11	Screw - Mach. Rd. Hd.	2
6	46-8810	Stop - Leaf, Spring	1
7	3296-29	Nut - Lock	1
8	3219-2	Nut - Hex	1
9	3210-7	Screw - Cap, Hex. Hd.	1
10	251-259	Bearing - Ball	1
11	322-17	Screw - Cap, Hex. Hd.	1
12	3296-42	Nut - Lock	6
14	237-21	O-Ring	3
15	340-143	Elbow - Swivel	1
16	237-78	O-Ring	4
17	72-3710	Body - Valve, Relief	1
18	72-3720	Cartridge - Valve, Relief	1
*	72-3730	Seal Kit (Relief Valve)	1
*	72-3540	Valve - Relief Adj. (Incl. Ref.#17 & 18)	1
19	340-92	Adapter - Straight	3
20	72-3550	Tube Assembly	1
21	340-77	Elbow - Fitting	1
22	340-99	Elbow - Fitting	1
23	33-4380	Hub - Pump	1

Ref. No.	Part No.	Description	No. Used
24	3257-32	Key - Woodruff	1
25	3241-5	Screw - Set, Sq. Hd.	2
26	44-2230	Coupling - Rubber	4
27	71-4400	Coupling - Drive	1
28	32152-1	Nut - Lock	8
29	71-4411	Spacer - Coupling, Rubber	6
30	322-8	Screw - Cap, Hex. Hd.	6
31	71-4410	Spacer - Coupling, Rubber	2
32	3256-3	Washer - Flat	4
34	322-10	Screw - Cap, Hex. Hd.	2
35	321-2	Screw - Cap, Hex. Hd.	2
36	321-4	Screw - Cap, Hex. Hd.	4
37	54-9290	Bracket	2
38	237-80	O-Ring	1
39	68-8660	Elbow - Fitting	1
40	237-81	O-Ring	3
41	23-9740	Filter - Oil	1
42	68-8990	Head - Filter	1
43	323-7	Screw - Cap, Hex. Hd.	2
44	3253-21	Washer - Lock	2
45	353-987	Elbow - Fitting	1
46	68-9650	Hose - Axle	1
47	2412-34	Clamp - Hose	2
48	70-2620	Elbow - Fitting	1

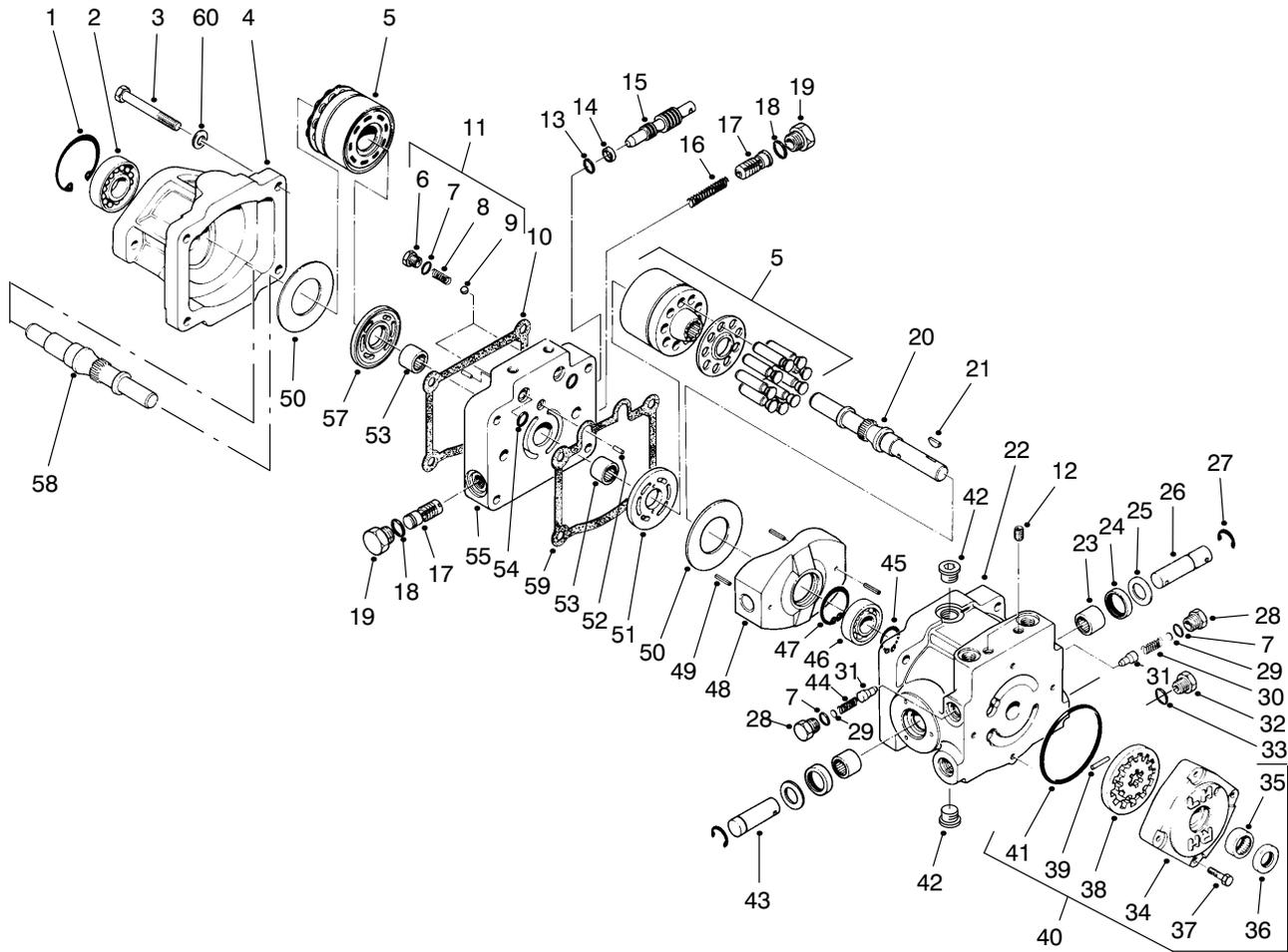
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T-0909-2

## HYDROSTATIC TRANSMISSION (Continued)

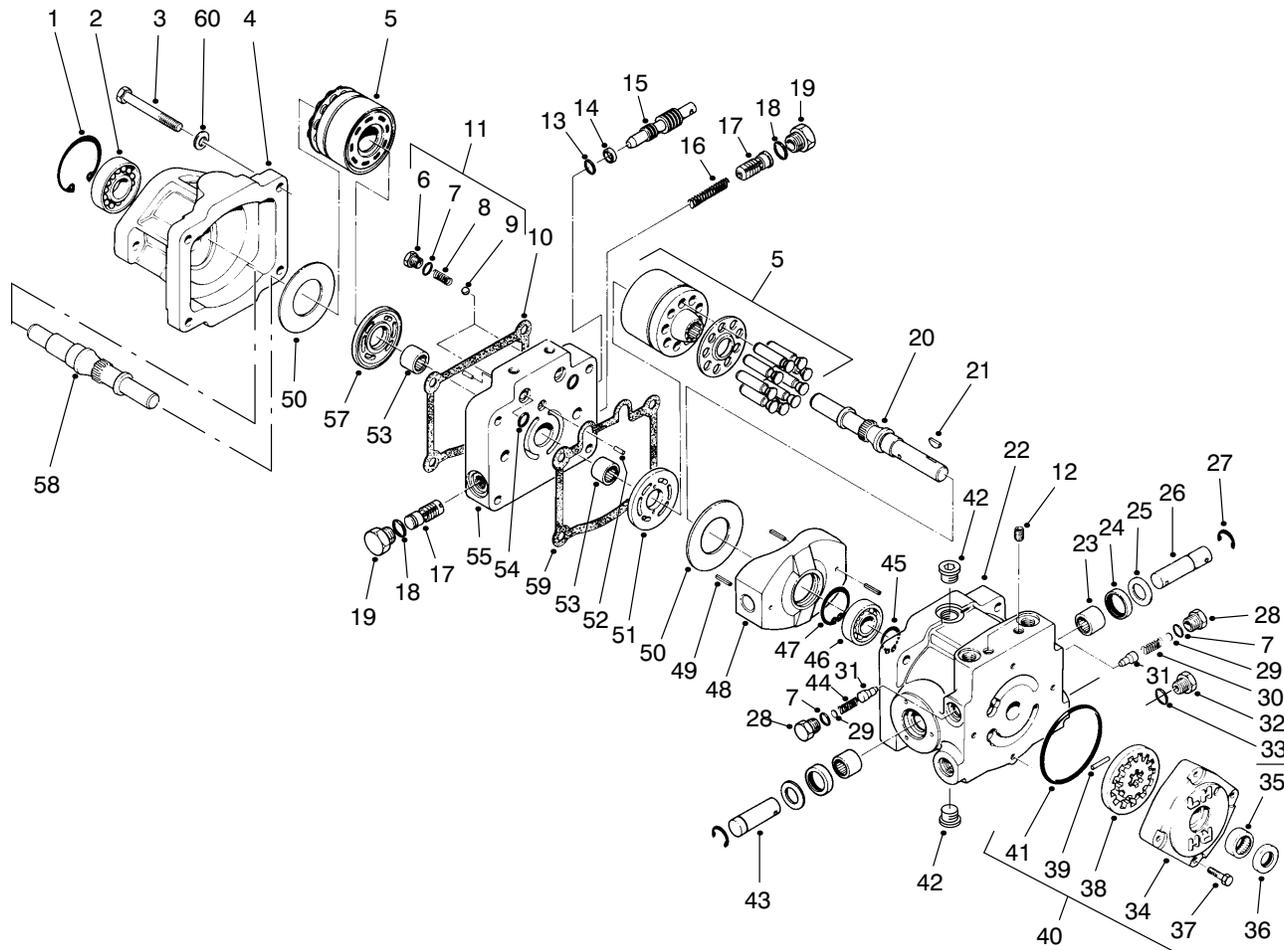
Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
49	353-508	Plug - Drain	1	59	3255-7	Washer - Lock	3
50	92-8947	Transmission - Inline	1	60	11-9760	Screw - Self Tapping	3
51	41-8760	Gasket - Transmission	1	61	3256-6	Washer - Flat	1
52	86-7220	Gear - Output, Trans.	1	62	32121-6	Pin - Roll	1
53	32120-72	Ring - Retaining	1	63	237-42	O-Ring	2
54	29-6170	Spring - Leaf, Extended	1	64	237-22	O-Ring	1
55	29-6150	Spring - Leaf	1	65	237-30	O-Ring	1
56	29-6120	Plate - Pump	1	66	54-9300	Cover - Pump Shaft	1
57	3217-6	Nut - Hex	2	67	321-6	Screw - Cap Hex. Hd.	2
58	3254-9	Washer - Lock	2				



## TRANSMISSION ASSEMBLY NO. 92-8947

Ref. No.	Part No.	Description	No. Used
1	32120-8	Ring - Retaining	1
2	72-3750	Bearing - Ball	1
3	323-56	Screw - Cap, Hex. Hd.	4
4	67-9080	Housing - Motor	1
5	48-1800	Cylinder Block Kit	2
6	25-2650	Check Valve Plug	2
7	237-86	O-Ring	4
8	25-2640	Valve Spring	2
9	25-2490	Ball	2
10	67-9100	Gasket	1
11	25-3180	Check Valve Kit (Incl. Ref. #6-9)	2
12	285-17	Pipe Plug	4
13	237-22	O-Ring	1
14	25-2630	Back-Up Ring	1
15	88-8220	By-Pass Valve	1
16	25-2610	Accel. Valve Spring	1
17	25-2410	Accel. Valve Assembly	2
18	76-1900	O-Ring	2
19	353-550	Plug - Hex. Hd.	2
20	67-8020	Pump Shaft	1
21	3257-32	Key - Woodruff	1
22	54-7890	Pump Housing (Incl. Ref. #12 & 23-25)	1
23	252-82	Bearing - Needle	2
24	25-3210	Lip Seal	2

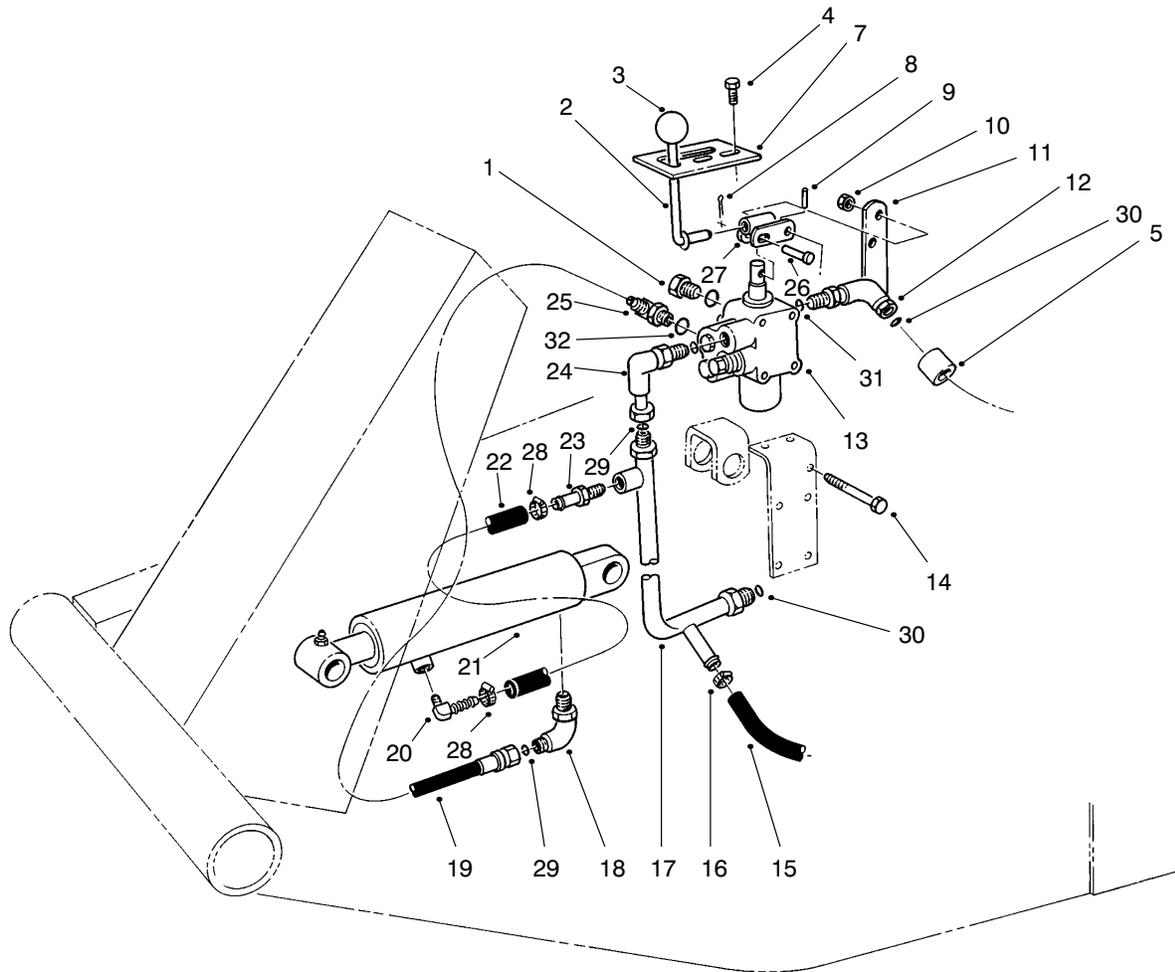
Ref. No.	Part No.	Description	No. Used
25	25-2510	Washer - Flat	2
26	25-2580	Trunnion Shaft	1
27	32151-46	Ring - Retaining	2
28	25-2460	Plug - Hex. Hd.	2
29	25-2470	Shim Pack	2
30	25-2570	Valve Spring	1
31	83-7260	Relief Valve Cone	2
32	353-551	Plug - Hex. Hd.	1
33	237-80	O-Ring	1
34	25-2550	Charge Pump Housing	1
35	67-8050	Bearing - Needle	1
36	93-4133	Lip Seal	1
37	322-4	Screw - Cap, Hex. Hd.	4
38	25-2680	Gerotor Assembly	1
39	25-2530	Headless Straight Pin	1
40	25-3190	Charge Pump (Incl. Ref. #34-39 & 41)	1
41	237-95	O-Ring	1
42	67-9090	Plug	2
43	25-2500	Trunnion Shaft	1
44	25-2480	Valve Spring	1
45	32120-15	Ring - Retaining	1
46	251-8	Bearing - Ball	1
47	32120-11	Ring - Retaining	1
48	25-2450	Variable Swashplate	1
49	32121-91	Pin - Coil, Spring	3



T-0425-4

## TRANSMISSION ASSEMBLY NO. 92-8947 (Continued)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
50	25-2380	Thrust Plate	2	58	46-8410	Motor Shaft	1
51	25-2440	Pump Valve Plate	1	59	25-2400	Gasket	1
52	25-2430	Dowel Pin	2	60	93-0312	Washer - Hardened	4
53	46-8400	Bearing - Needle	2	61	75-0170	Plug	4
54	93-4132	O-Ring	2	62	92-8777	O-Ring	4
55	92-8918	Center Section	1	63	49-8520	Kit - Implement Relief (Incl. Ref. #7 & 28-31)	1
57	25-2390	Motor Valve Plate	1				



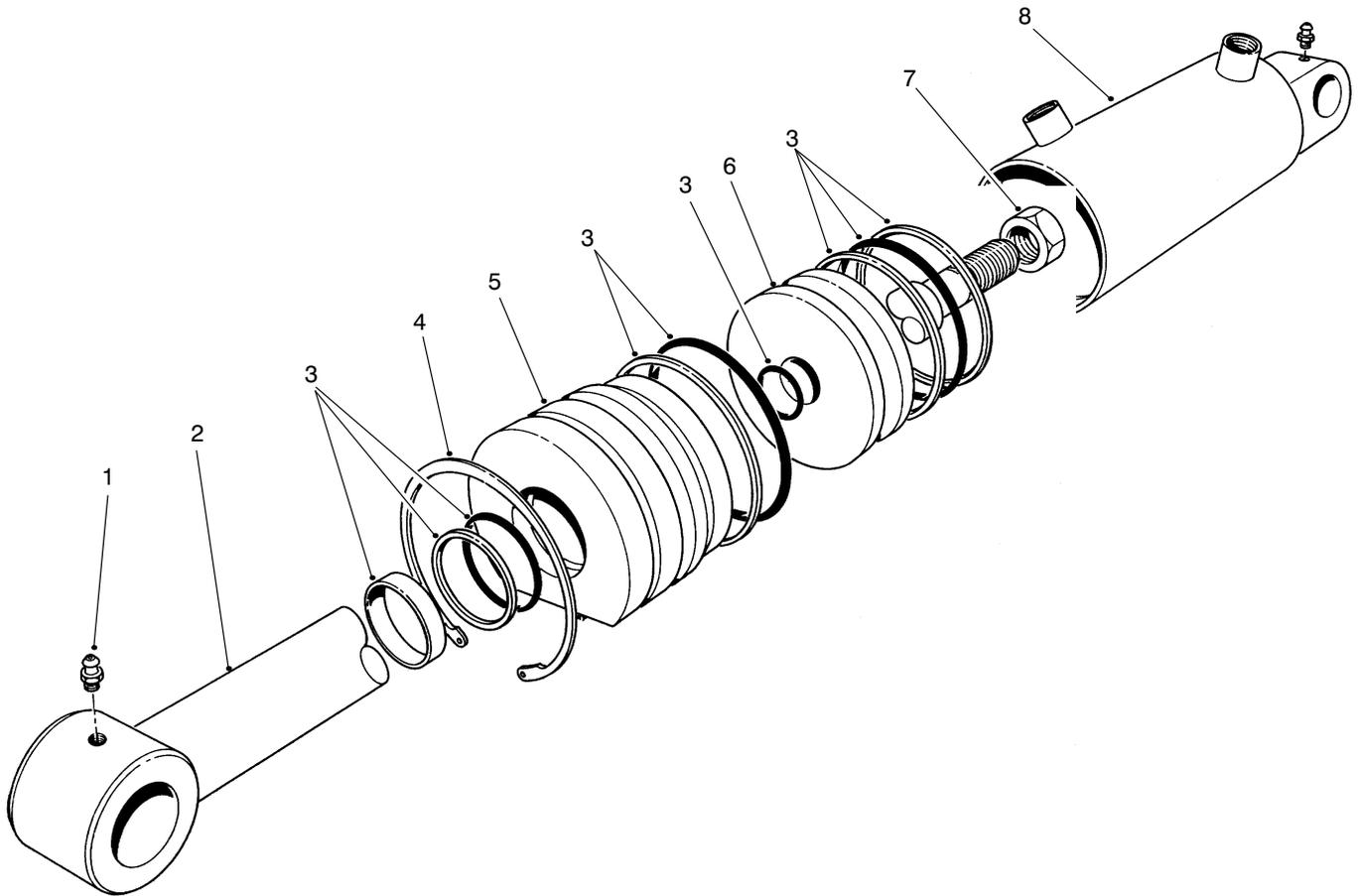
T-0426-4

## VALVE & CYLINDER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	353-512	Plug	1
2	21-8620	Lever Valve	1
3	233-21	Knob	1
4	32144-10	Screw - Self Tapping	2
5	38-3400	Guard - Rubber	1
7	21-8640	Latch - Valve Lever	1
8	3272-6	Pin - Cotter	1
9	32121-73	Pin - Slotted Spring	1
10	3296-42	Nut - Lock	5
11	21-9010	Pivot Mount - Valve Lever	1
12	340-99	Fitting - 90° Elbow	1
13	43-1710	Valve Assembly	1
14	321-23	Screw - Cap, Hex. Hd.	5
15	63-8990	Hose	1
16	2412-36	Clamp Hose	1
17	63-9260	Manifold - Valve	1
18	340-112	Elbow - 90°	1

Ref. No.	Part No.	Description	No. Used
19	92-7833	Hose - (Valve to Cylinder)	1
20	304-75	Fitting - 90° Barb	1
21	62-4250	Cylinder - Hydraulic	1
*	66-1250	Cylinder - Hydraulic (Optional)	1
22	92-7834	Hose	1
23	304-73	Fitting - Straight Barb	1
24	340-110	Elbow - 90°	1
25	340-97	Fitting - 90°	1
26	283-17	Pin	1
27	21-8590	Link - Valve Lever	1
28	2412-108	Clamp - Hose	2
29	237-22	O-Ring	2
30	237-30	O-Ring	2
31	237-42	O-Ring	2
32	237-78	O-Ring	2

\* Not Illustrated



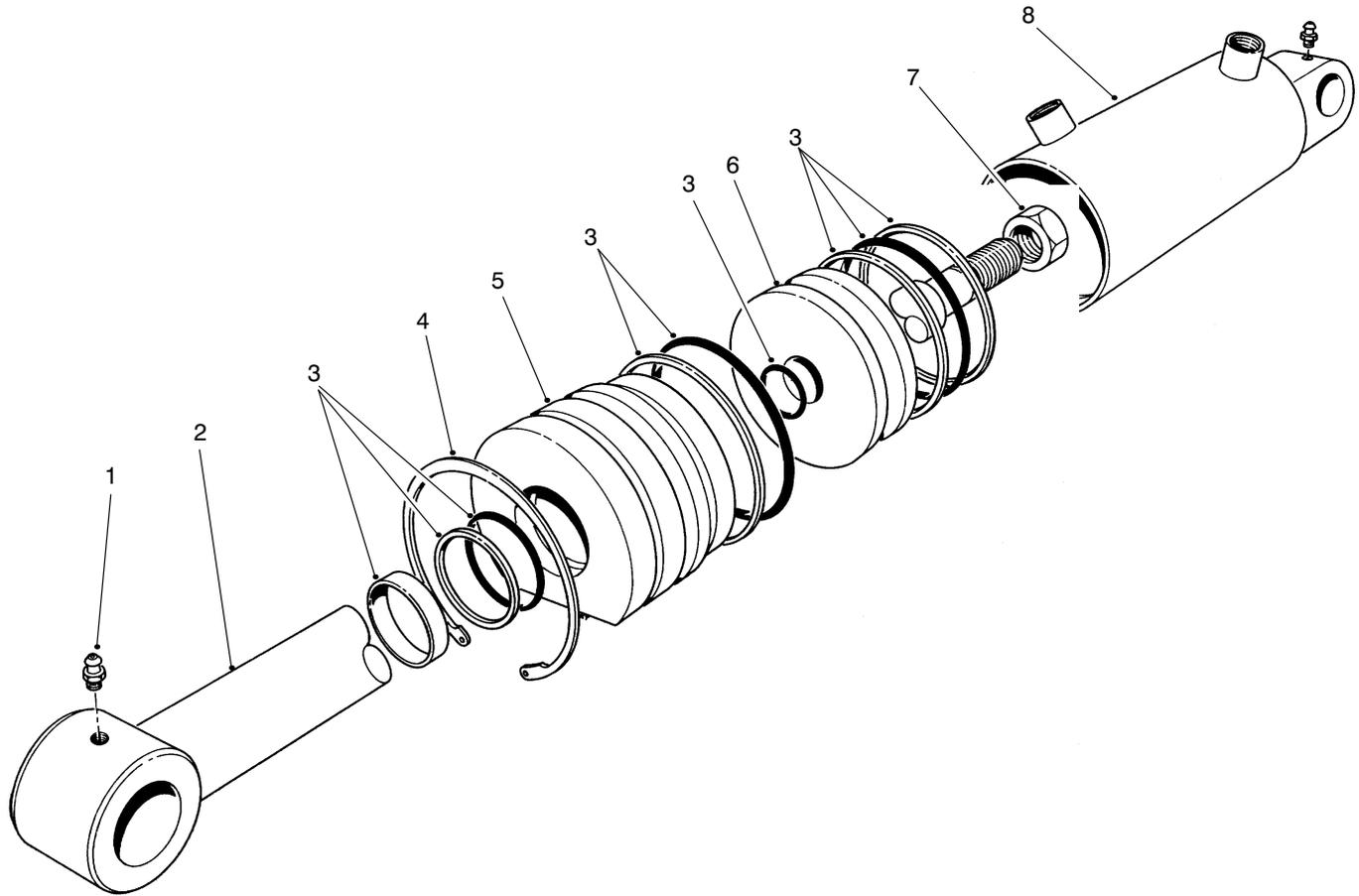
T-0527-3

## HYDRAULIC LIFT CYLINDER ASSEMBLY NO. 62-4250 (2-1/2" Bore)

Ref. No.	Part No.	Description	No. Used
1	302-55	Fitting - Grease	2
2	61-4980	Shaft - w/Clevis	1
3	61-4960	Repair Kit	1
4	61-4990	Ring - Retaining	1

Ref. No.	Part No.	Description	No. Used
5	60-9780	Head	1
6	60-9770	Piston	1
7	60-9760	Nut	1
*8		Barrel	1

\* Not available separately.



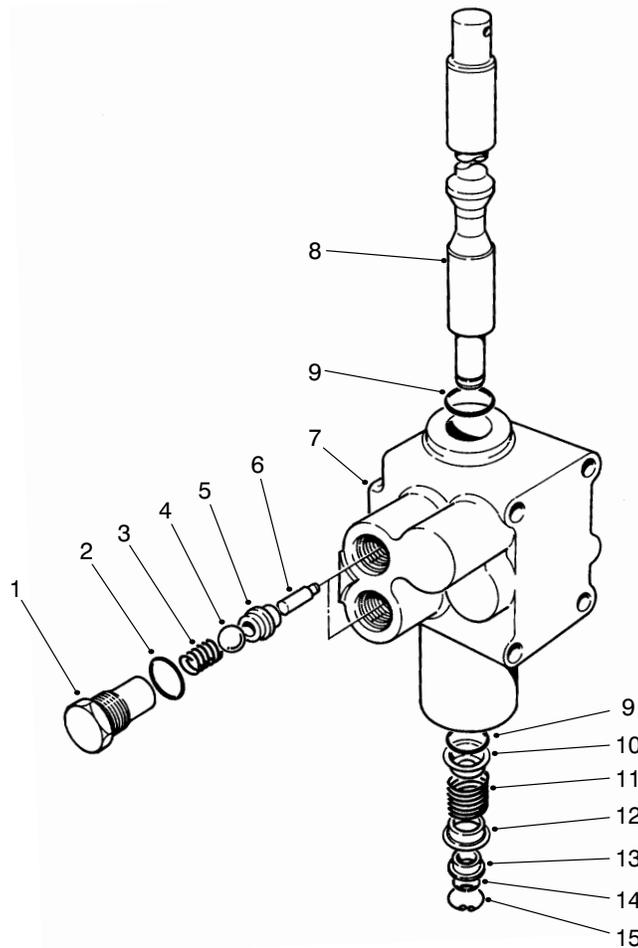
T-0527-3

## HYDRAULIC LIFT CYLINDER ASSEMBLY NO. 66-1250 (3" Bore)

Ref. No.	Part No.	Description	No. Used
1	302-55	Fitting - Grease	2
2	67-5480	Shaft	1
3	67-5500	Repair Kit	1
4	67-5470	Ring - Retaining	1

Ref. No.	Part No.	Description	No. Used
5	67-5460	Head	1
6	67-5450	Piston	1
7	60-9760	Nut - Hex	1
*8		Barrel	1

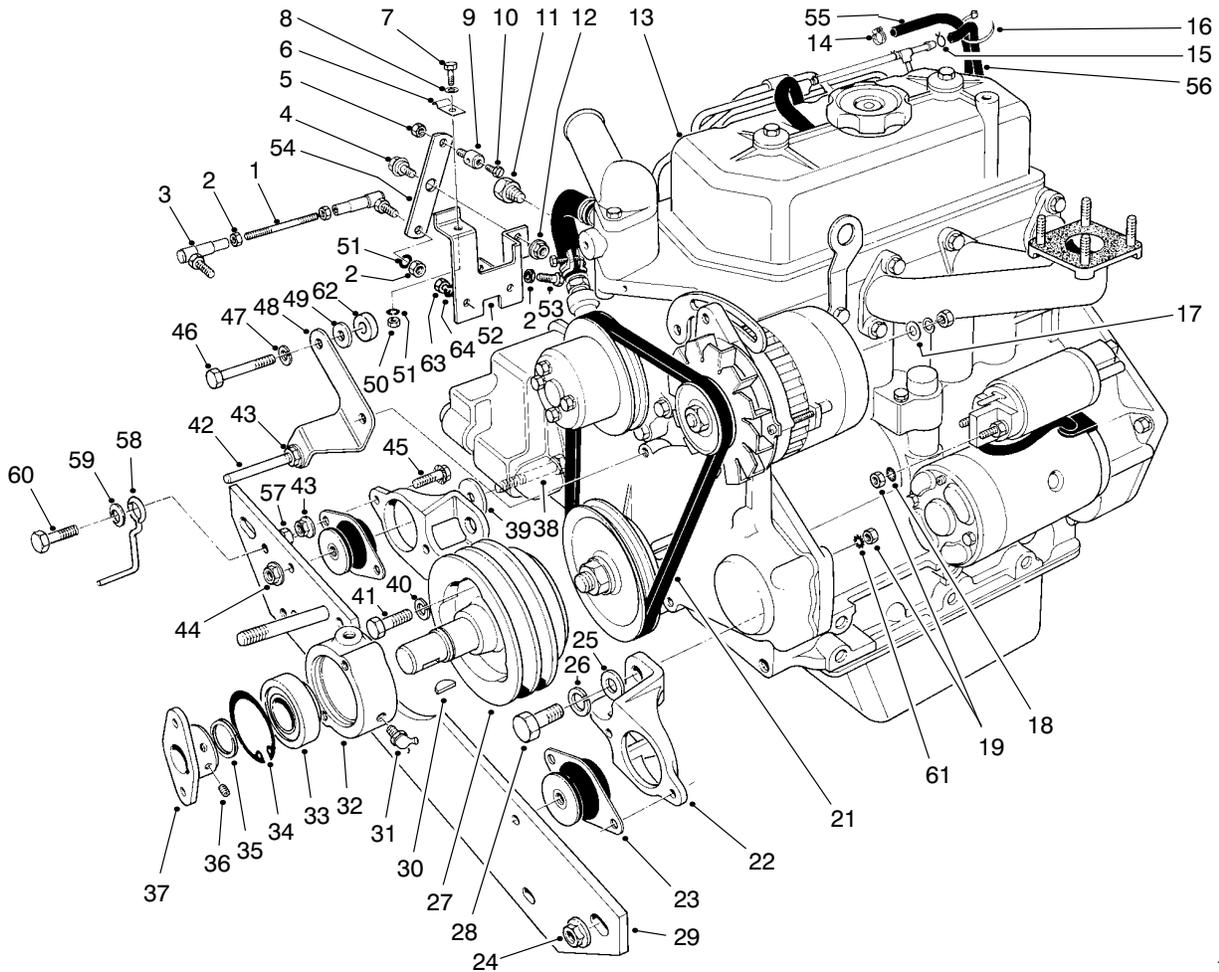
\* Not available separately.



T-0428-1

## CONTROL VALVE ASSEMBLY NO. 43-1710

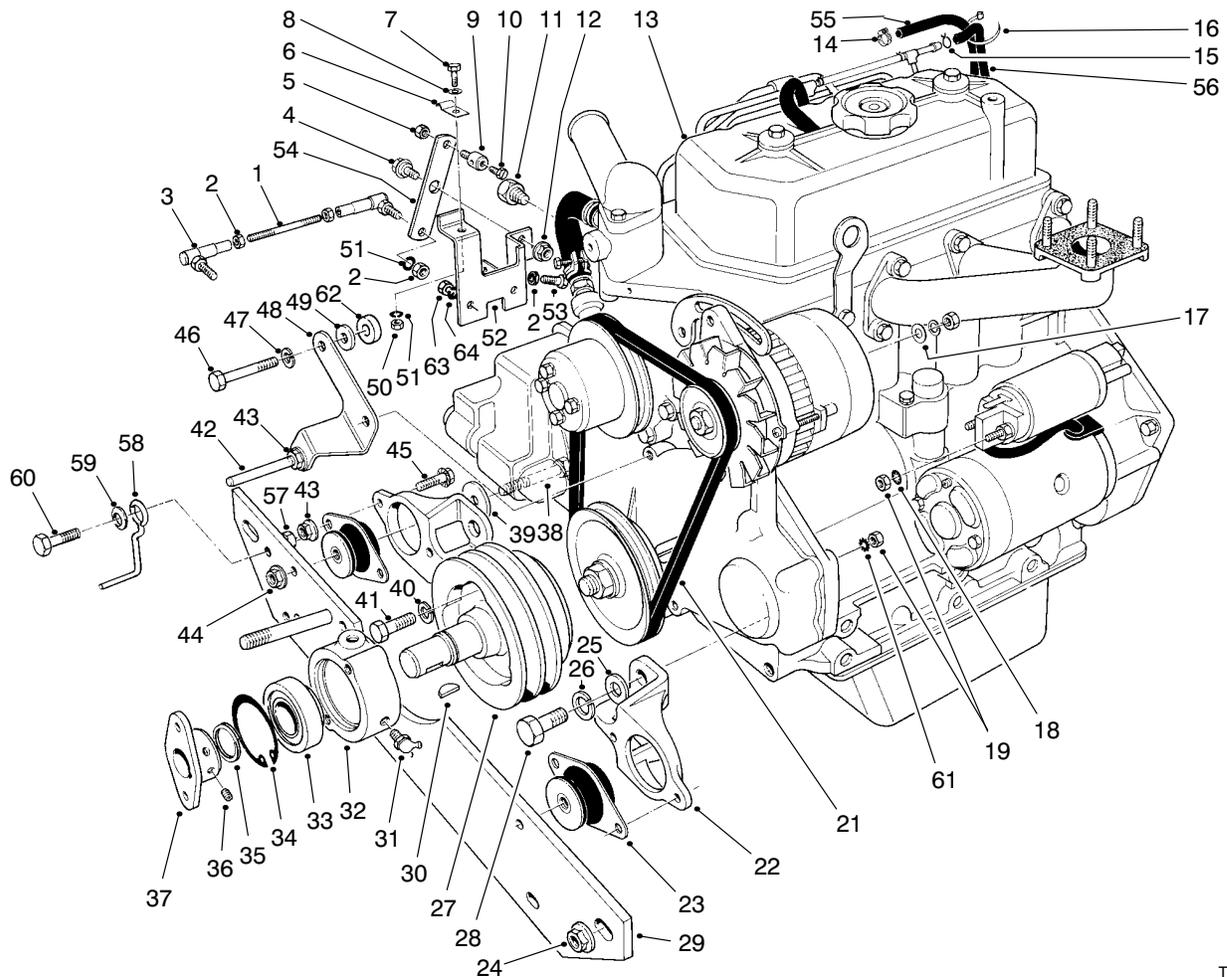
Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	22-8330	Plug	2	9	22-8500	O-Ring	2
2	237-42	O-Ring	2	10	22-8380	Spring Retainer	1
3	22-8340	Spring	2	11	22-8410	Spring	1
4	22-8350	Ball	2	12	22-8390	Spring Retainer	1
5	22-8370	Seat - Check Valve	2	13	22-8400	Spacer Float	1
6	22-8360	Pin - Cam	2	14	22-8480	Spring Ring Spool	1
7	43-1730	Body	1	15	22-8490	Snap Ring	1
8	22-8420	Spool	1				



T-0429-3

## ENGINE ASSEMBLY

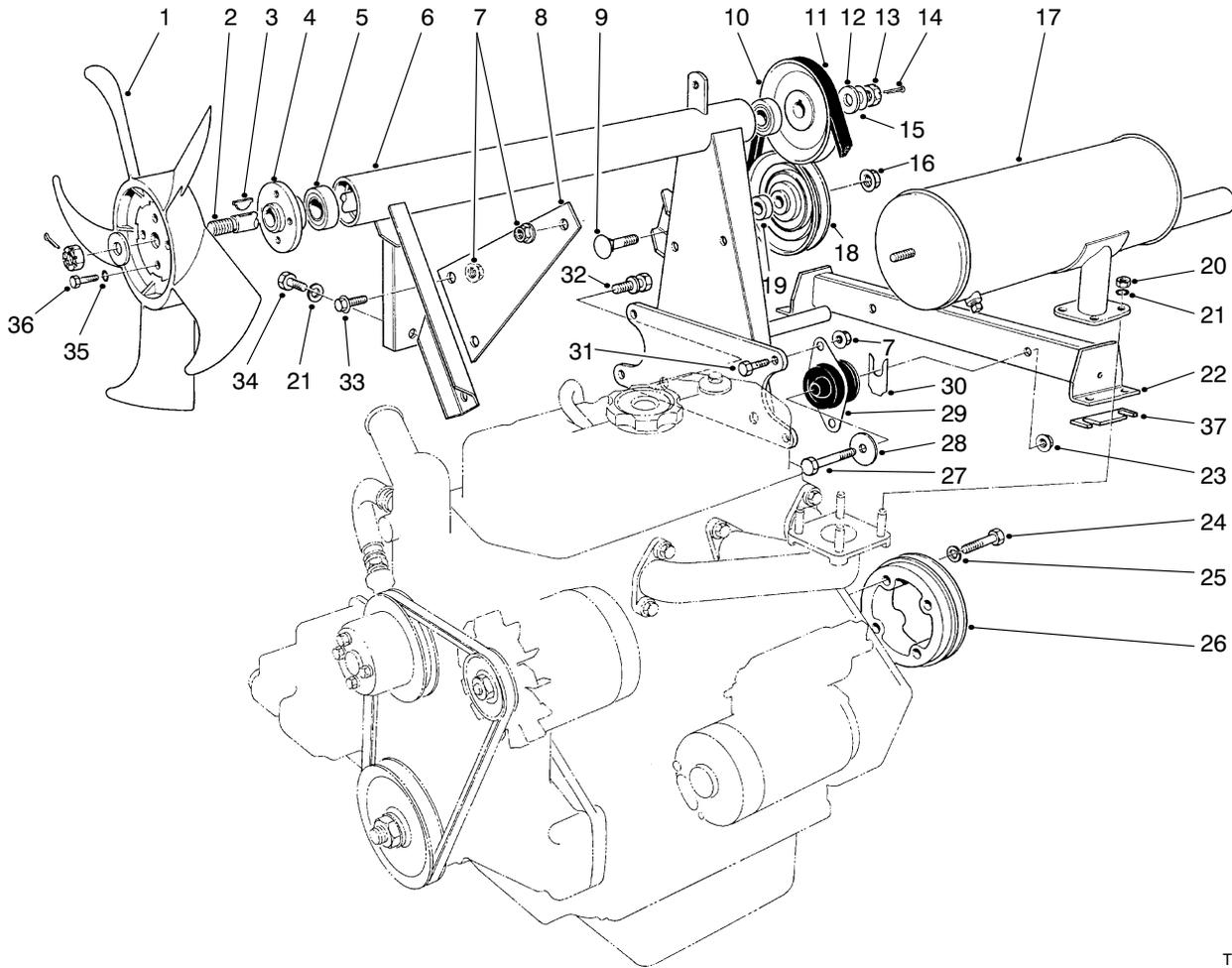
Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	43-3770	Link - Throttle	1	23	53-9680	Engine Mount - Rubber	2
2	3219-1	Nut	5	24	32128-23	Nut - Lock, Flange	2
3	18-1720	Ball Joint Assembly	2	25	3256-64	Washer - Flat	4
4	37-8770	Bolt - Shoulder	1	26	43-5950	Washer - Lock	4
5	3296-20	Nut - Lock	1	27	43-3510	Pulley - Engine	1
6	2412-31	Clamp - Bodine	1	28	43-3210	Screw - Cap, Hex. Hd.	4
7	321-4	Screw - Cap, Hex. Hd.	1	29	75-9900	Engine Support - Front	1
8	3256-22	Washer - Flat	1	30	3257-33	Key - Woodruff	1
9	43-3780	Swivel - Throttle Control	1	31	302-10	Fitting - Grease	1
10	25-8640	Screw - Machine	1	32	43-3720	Collar - Bearing	1
11	43-1940	Adapter - Temp. Gauge	1	33	251-252	Bearing - Ball	1
12	32152-1	Nut - Lock, Flange	1	34	32120-22	Ring - Retaining, Internal	1
13	43-1440	Engine (Used on Serial No. 50001-60267)	1	35	32120-69	Ring - Retaining, External	1
13	94-9160	Engine (Used on Serial No. 60268 & Up)	1	36	3241-5	Screw - Set, Socket Head	2
14	2412-108	Clamp - Worm Drive	1	37	27-1960	Hub - Engine	1
15	2412-79	Clamp	1	38	324-12	Screw - Cap, Hex. Hd.	2
16	3290-379	Cable Tie	1	39	53-9480	Washer	2
17	5-3637	Washer	1	40	42-9600	Washer - Lock	3
18	3254-2	Washer - Lock, Int. Tooth	2	41	43-3190	Screw - Cap, Hex. Hd.	3
19	42-9580	Nut	2	42	21-1820	Stud - Belt Retainer	2
21	42-9100	Belt Fan	1	43	3290-357	Nut - Lock, Flange	7
22	53-9710	Engine Mount	2	44	32128-37	Nut - Lock, Flange	2
				45	3234-11	Screw - Cap, Hex. Hd.	4
				46	42-9510	Screw - Cap, Hex. Hd.	2
				47	3253-4	Washer - Lock	2
				48	43-3790	Bracket - Belt Guide	1



T-0429-3

## ENGINE ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
49	4-2390	Washer	2	57	32153-2	Nut - Lock	1
50	3217-5	Nut	1	58	63-1400	Belt Guide	1
51	3253-3	Washer - Lock	3	59	3290-224	Washer - Lock	1
52	43-3730	Bracket Throttle Control	1	60	3234-18	Screw - Cap, Hex. Hd.	1
53	329-7	Screw - Cap, Hex. Hd.	1	61	3255-9	Washer - Lock, Ext. Tooth	1
54	43-3760	Lever - Throttle	1	62	5-0652	Spacer	2
55	47-7420	Hose	1	63	48-7630	Screw - Cap Hex. Hd.	2
56	43-4230	Hose	1	64	43-5930	Washer - Lock	2



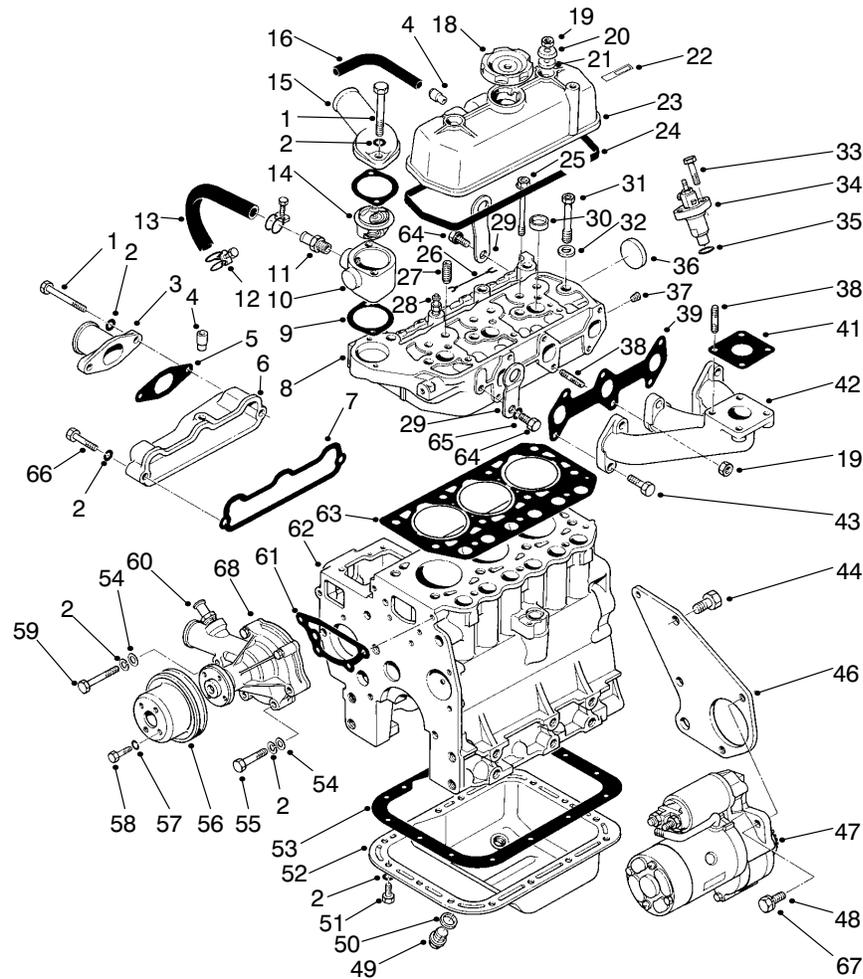
T-0430-4

## ENGINE ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
1	43-1911	Fan - Cooling	1
2	43-3690	Fan - Shaft	1
3	3257-30	Key - Woodruff	2
4	43-3700	Hub-Fan	1
5	38-7820	Bearing	2
6	53-9750	Fan Mount	1
7	3290-357	Nut - Lock, Flange	8
8	43-3870	Support - Muffler	1
9	3233-14	Bolt - Carriage	1
10	43-3880	Pulley	1
11	43-5910	V-Belt	1
12	29-8910	Washer	2
13	32136-3	Nut - Hex. Slotted	2
14	3272-16	Pin - Cotter	2
15	3-6803	Washer	A/R
16	32128-23	Nut - Lock, Flange	1
17	43-3850	Muffler	1
18	66-5310	Idler Pulley	1
19	66-5320	Spacer	1
20	42-9580	Nut	4

Ref. No.	Part No.	Description	No. Used
21	3253-4	Washer - Lock	5
22	77-3140	Engine Mount	1
23	32128-37	Nut - Lock, Flange	2
24	43-3200	Screw - Cap, Hex. Hd.	4
25	42-9600	Washer - Lock	4
26	43-3530	Pulley Flywheel	1
27	324-11	Screw - Cap, Hex. Hd.	2
28	53-9480	Washer	2
29	53-9680	Engine Mount - Rubber	2
30	42-6080	Shim	A/R
31	3234-11	Screw - Cap, Hex. Hd.	4
32	66-7030	Screw - Cap, w/Washer	2
33	3234-12	Screw - Lock, Flange	2
34	42-9230	Screw - Cap, Hex. Hd.	1
35	3253-3	Washer - Lock	4
36	321-3	Screw - Cap, Hex. Hd.	4
37	68-9110	Shim	A/R
*	68-9111	Shim	A/R
*	68-9112	Shim	A/R

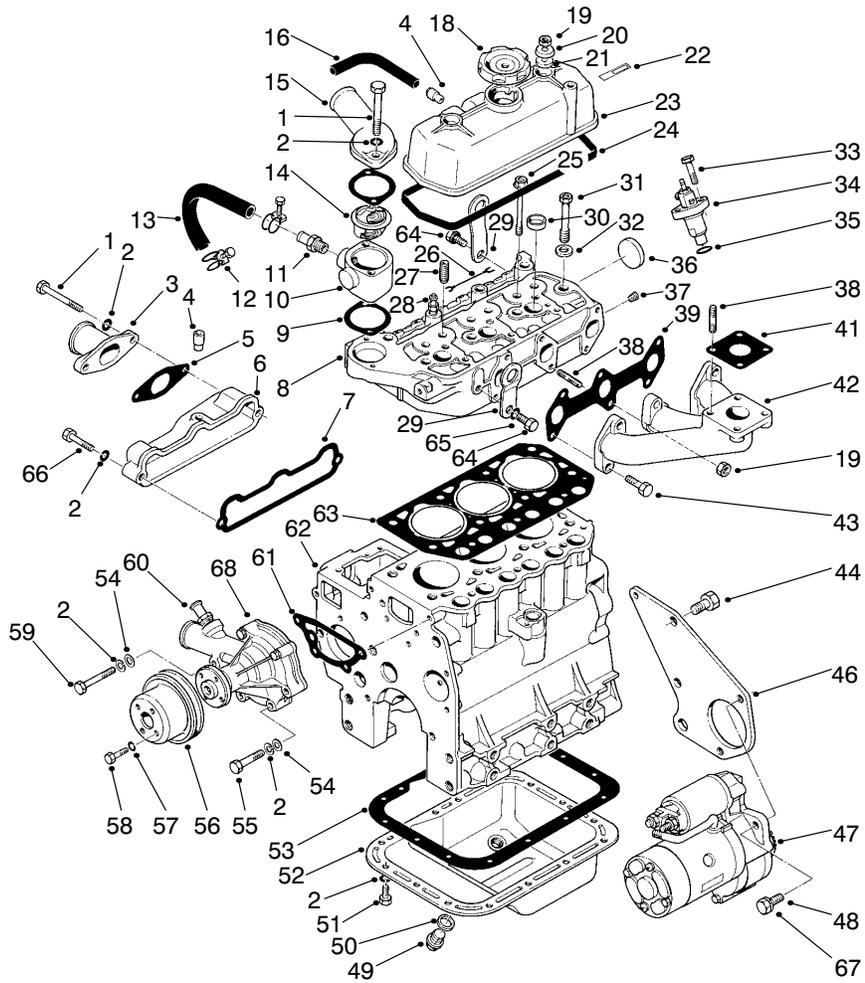
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T-0431-2

## ENGINE ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	42-9310	Screw - Cap, Hex. Hd.	4	26	42-9180	Wire - Glow Plug Lead	2
2	42-9850	Washer - Lock	24	27	42-7460	Guide - Valve	6
3	42-9150	Pipe Inlet	1	28	42-7480	Glow Plug	3
4	42-7510	Pipe	2	29	42-7440	Hanger - Engine	2
5	42-9160	Gasket - Inlet Pipe	1	30	42-7080	Cap - Sealing (25)	3
6	42-9120	Intake Manifold Assembly	1	31	42-9320	Bolt - Cylinder Head (12 x 98)	8
7	42-9140	Gasket - Intake Manifold	1	32	42-9790	Washer - Head Bolt	8
8	93-1369	Head Assembly - Cylinder	1	33	42-9390	Bolt (8 x 32)	6
9	42-7550	Gasket	2	34	44-8070	Nozzle & Holder Assembly	3
10	43-1790	Fitting - Thermostat	1	35	42-8120	Gasket - Nozzle Holder	3
11	42-7740	Nipple - Hose	1	36	42-7090	Cap - Sealing (45)	1
12	43-3140	Clamp - Hose	2	37	67-2570	Plug - Taper 1/8	1
13	43-3130	Hose - Water (Incl. Ref. #12)	1	38	42-9570	Stud (8 x 25)	5
14	93-3524	Thermostat	1	39	42-9170	Gasket - Exhaust Manifold	1
15	42-7540	Fitting - Water Outlet	1	41	42-9110	Gasket	1
16	93-3685	Pipe - Air Breather	1	42	43-1870	Manifold - Exhaust	1
18	42-7420	Cap - Oil Filter	1	43	42-9520	Screw - Cap (8 x 30)	5
19	42-9580	Nut (8)	3	44	42-9240	Screw - Cap (12 x 28)	3
20	42-9800	Washer	2	46	43-1770	Plate - Rear	1
21	42-7490	Seal - Oil	2	47	46-7610	Starter Assembly	1
22	42-7530	Label - Engine No.	1	48	43-0090	Screw - Cap (10 x 25)	2
23	42-7500	Cover Assembly - Rocker	1	49	42-9260	Plug - Oil Drain	1
24	42-7520	Gasket - Rocker Cover	1	50	42-7290	Gasket - Oil Drain Plug (18)	1
25	93-3180	Bolt - Cylinder Head (10 x 90)	3	51	42-9230	Screw - Cap (8 x 16)	15



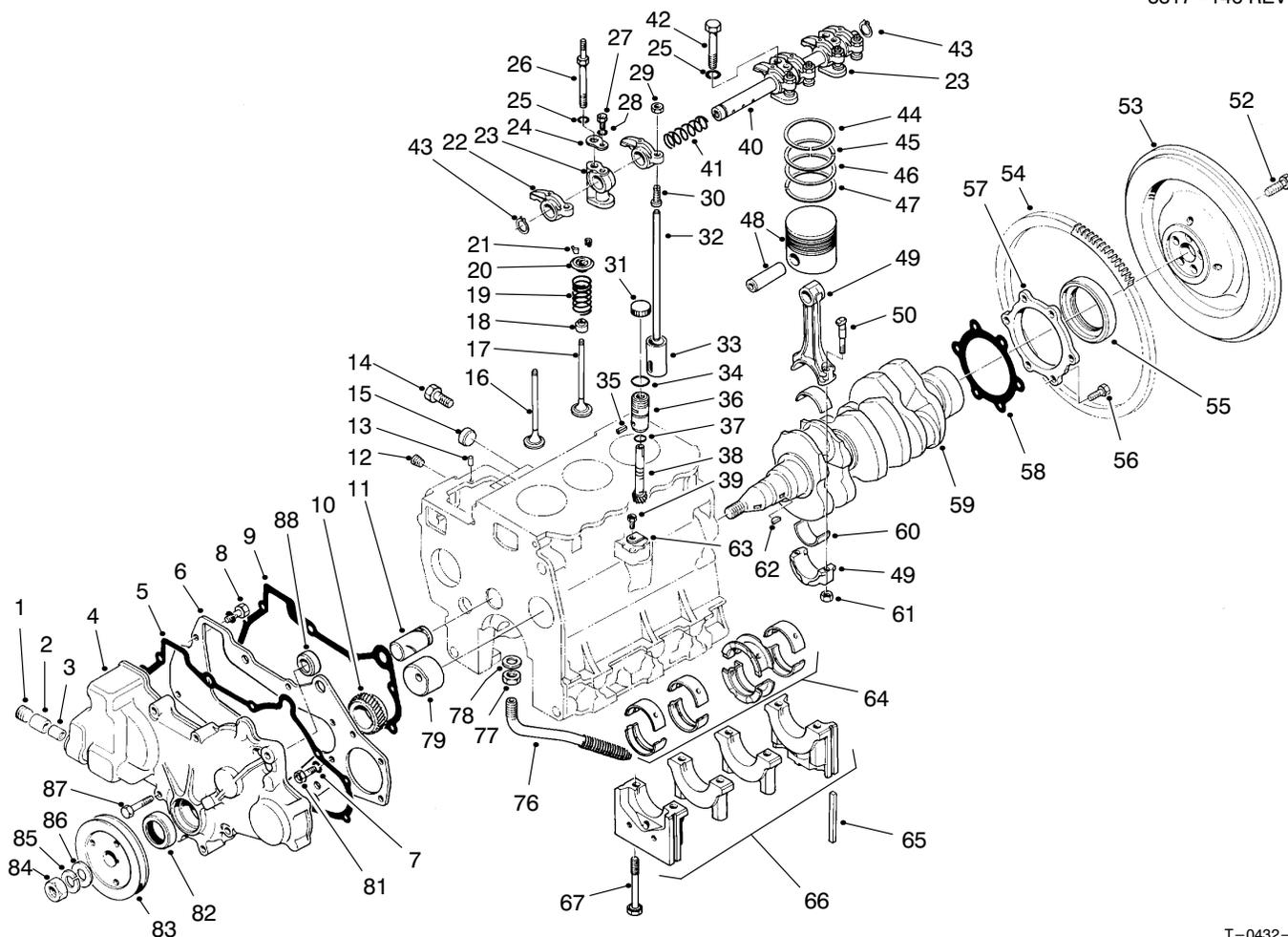
T-0431-2

## ENGINE ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
52	42-7280	Oil Pan Assembly (Inc. Ref. #49 & 50)	1
53	42-7300	Gasket - Oil Pan	1
54	42-9660	Washer - Plain (8)	4
55	42-9500	Screw - Cap (8 x 45)	3
56	42-9070	Pulley - Water Pump	1
57	43-5930	Washer - Lock	4
58	42-9490	Screw - Cap (6 x 12)	4
59	42-9510	Screw - Cap (8 x 60)	1
60	42-9080	Water Pump Assembly	1

Ref. No.	Part No.	Description	No. Used
61	42-9090	Gasket - Water Pump	1
62	48-2020	Cylinder Block Sub Assy.	1
63	42-7470	Gasket - Cylinder Head	1
64	42-9300	Screw - Cap (10 x 20)	2
65	42-9600	Washer - Lock	2
66	42-9530	Screw - Cap (8 x 40)	1
67	42-9600	Washer - Lock	2
68	93-3656	Gasket - Pump, Water	1
*	42-9200	Complete Gasket Set	1

\* Not Illustrated



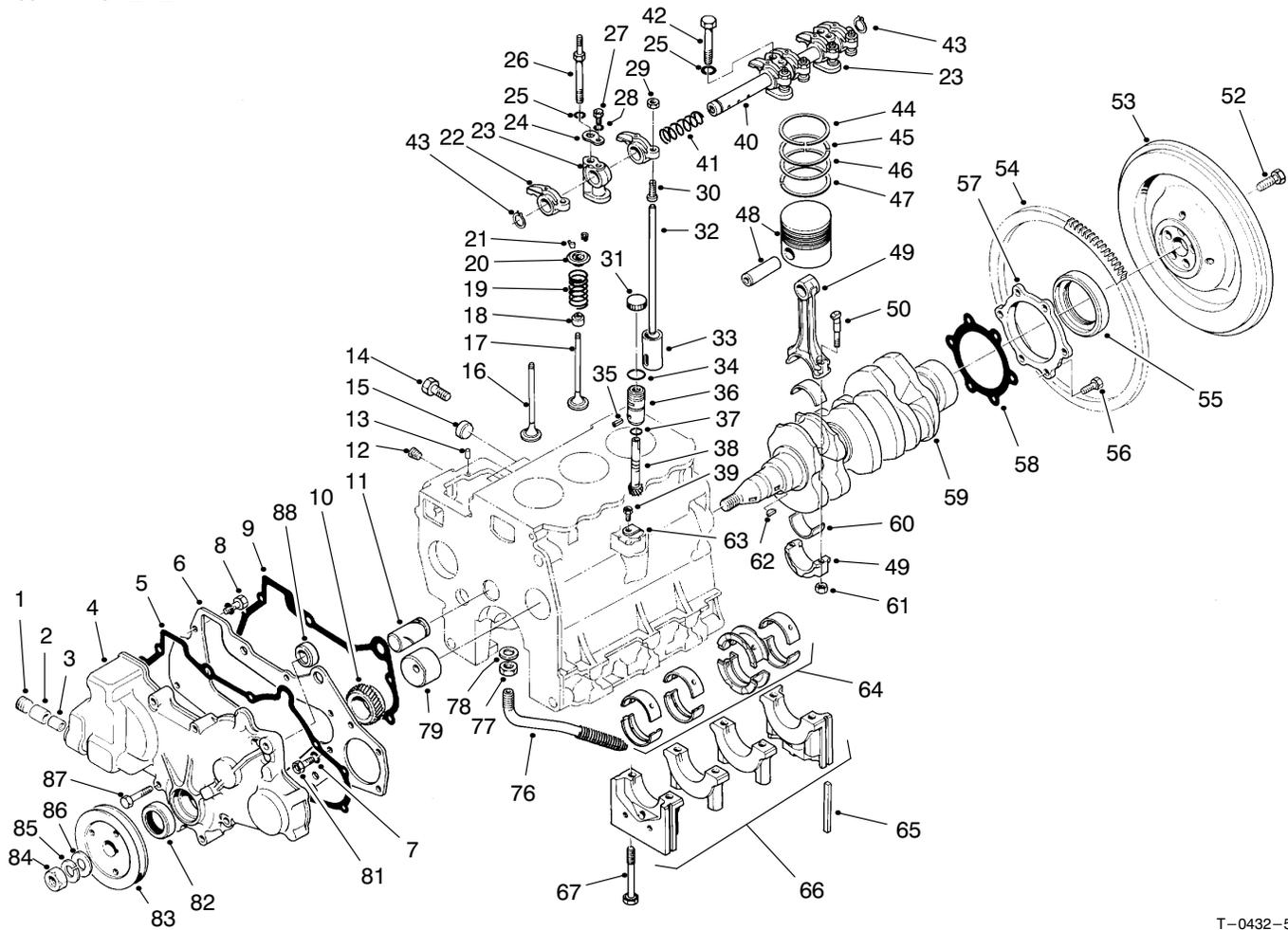
T-0432-5

## ENGINE ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	42-7400	Plug - Taper	1	26	42-9360	Bolt	2
2	42-7320	Bearing - Needle	1	27	42-9350	Screw - Cap, Hex. Hd.	2
3	42-7310	Bearing - Needle	1	28	43-5930	Washer - Lock	2
4	93-3689	Case - Gear	1	29	42-9620	Nut - Jam	6
5	42-7340	Gasket - Gear Case	1	30	42-7980	Screw - Adjusting	6
6	62-3740	Plate - Front	1	31	93-3688	Cap - Shipping	1
7	42-9850	Washer - Lock	5	32	42-7920	Rod - Push	6
8	67-2340	Screw - Cap, w/Washer	2	33	42-7890	Tappet	6
9	42-7150	Gasket - Front Plate	1	34	42-9010	O-Ring	1
10	42-7700	Gear - Crankshaft	1	35	42-8970	Pin - Spring	1
11	42-7110	Shaft - Idler	1	36	42-8980	Sleeve - Gear	1
12	67-2390	Plug - Taper	3	37	42-8990	O-Ring	1
13	56-0220	Pin - Dowel	2	†38		Gear - Driven	1
14	42-9250	Screw - Cap, Hex. Hd.	4	39	42-9440	Screw - Cap, Hex. Hd.	1
15	42-7080	Cap - Sealing	2	40	42-7960	Shaft Assembly - Rocker	1
16	93-1351	Valve - Intake	3	41	42-7930	Spring - Rocker Shaft L.H.	1
17	93-1352	Valve - Exhaust	3	42	42-9370	Screw - Cap, Hex. Hd.	1
18	92-1961	Seal - Valve Stem	6	43	42-7990	Ring - Snap	2
19	42-7880	Spring - Valve	6	44	72-4200	Ring - Set - Piston Std.	3
20	42-7850	Retainer - Valve Spring	6	45	72-4210	Ring Set - Piston 0.25 (.010 in.) 0.5.	3
21	42-7860	Lock - Spring Retainer	12	46	72-4220	Ring Set - Piston 0.50 (.020 in.) 0.5.	3
22	42-7940	Arm - Rocker	6	47	72-4230	Ring Set - Piston 075 (.030 in.) 0.5.	3
23	42-7970	Stay - Rocker	3				
24	42-7950	Washer - Seat	2				
25	42-9600	Washer - Spring	3				

\* Not Illustrated

† Not Serviced Separately



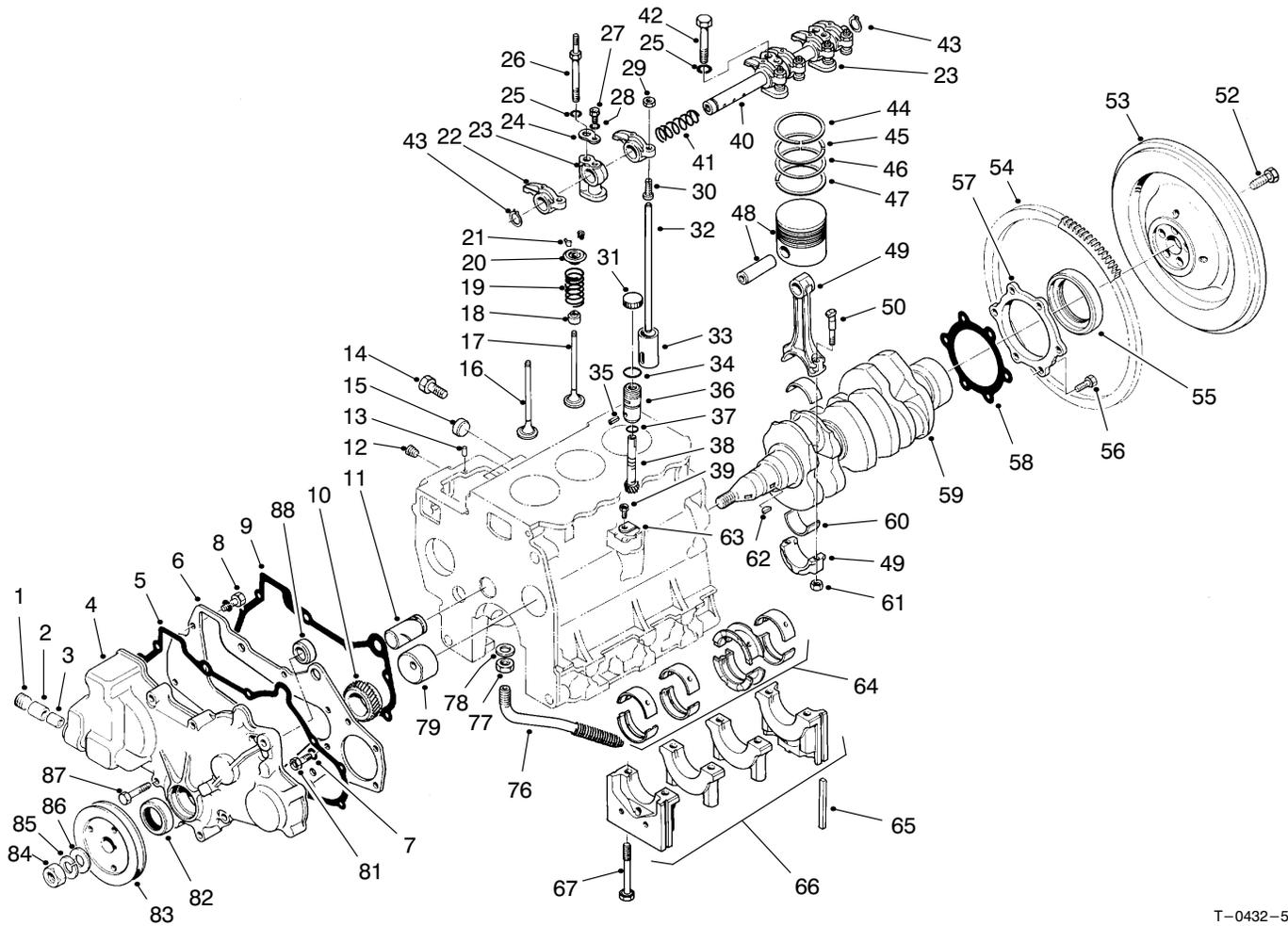
T-0432-5

## ENGINE ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
48	72-4240	Piston & Piston Pin Std.	3	*60	42-7690	Bearing Set	
*	72-4250	Piston & Piston Pin 0.25 (.010 in.) 0.5.	3			Connecting Rod 0.75 (.030 in.) U.S.	3
*	72-4260	Piston & Piston Pin 0.50 (.020 in.) 0.5.	3	61	42-9590	Nut - Connecting Rod	6
*	72-4270	Piston & Piston Pin 0.75 (.030 in.) 0.5.	3	62	42-7730	Key - Woodruff	2
49	42-7650	Connecting Rod Assembly	3	63	42-9020	Plate - Locking	1
50	67-2860	Bolt - Connecting Rod	6	64	93-3387	Bearing Set	
52	54-8670	Bolt - Flywheel	5			Crankshaft Std.	1
53	43-1800	Flywheel	1	*	42-7240	Bearing Set - Crankshaft 0.25 (.010 in.) U.S.	1
54	43-1810	Gear - Ring	1	*	93-3388	Bearing Set - Crankshaft 0.50 (.020 in.) U.S.	1
55	42-7060	Seal - Oil	1	*	42-7260	Bearing Set - Crankshaft 0.75 (.030 in.) U.S.	1
56	42-9220	Screw - Cap, Hex. Hd.	6	65	42-7040	Seal - Side	4
57	42-7120	Case - Oil Seal	1	†66		Bearing Cap Assembly	1
58	42-7130	Gasket - Oil Seal	1	67	42-9210	Bolt - Bearing Cap	8
59	42-7710	Crankshaft	1	76	48-2010	Screen - Assembly Oil	1
60	42-7660	Bearing Set		77	48-1990	Nut - Jam	1
		Connecting Rod Std.	3	78	48-1980	Gasket	1
*	42-7670	Bearing Set		79	42-7100	Bushing - Camshaft	1
		Connecting Rod 0.25 (.010 in.) U.S.	3	81	42-9230	Screw - Cap, Hex. Hd.	3
*	42-7680	Bearing Set		82	42-7390	Seal - Oil	1
		Connecting Rod 0.50 (.020 in.) U.S.	3	83	42-7720	Pulley - Crankshaft	1
				84	43-6470	Nut	1
				85	42-9860	Washer - Spring	1

\* Not Illustrated

† Not Available



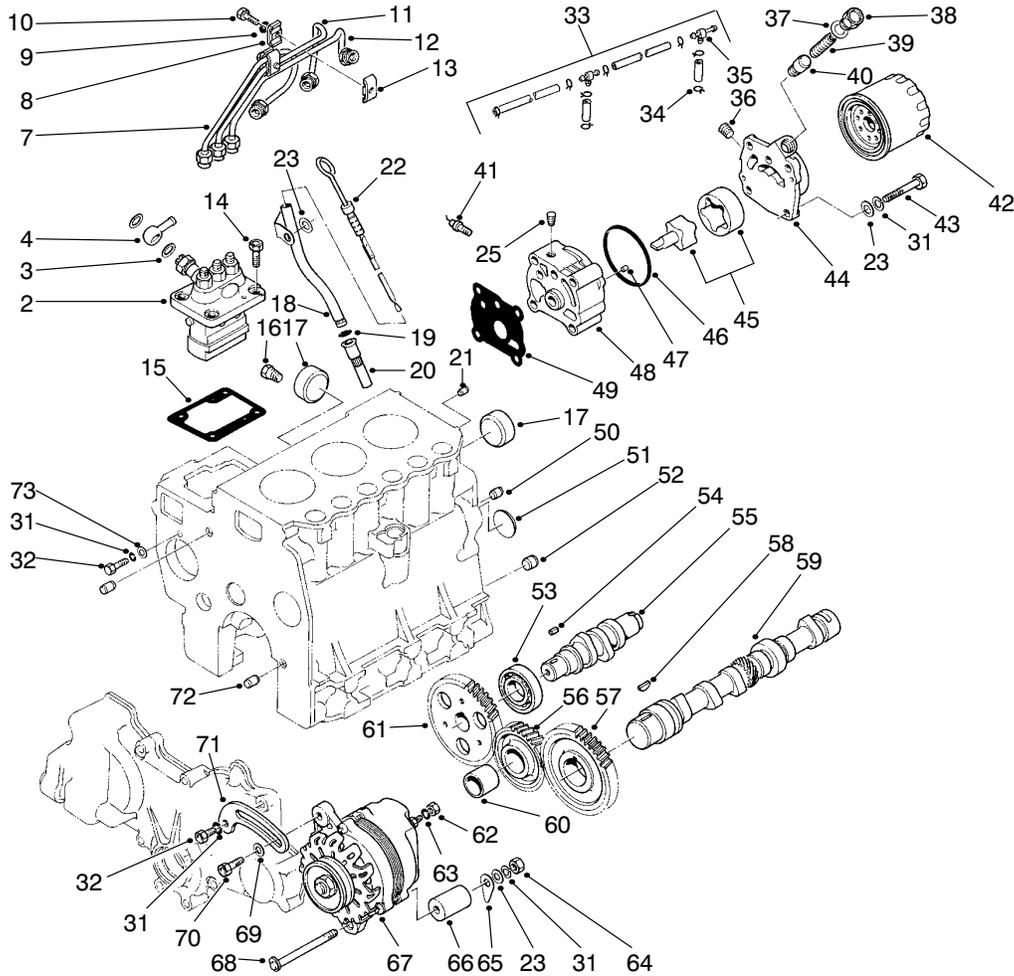
T-0432-5

## ENGINE ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
86	42-9810	Washer - Flat	1	88	82-2590	Plug - Thrust	1
87	42-9500	Screw - Cap, Hex. Hd.	8	*	42-8960	Driven Unit - Speedometer (Incl. Ref. #34-38)	1

\* Not Illustrated

† Not Available



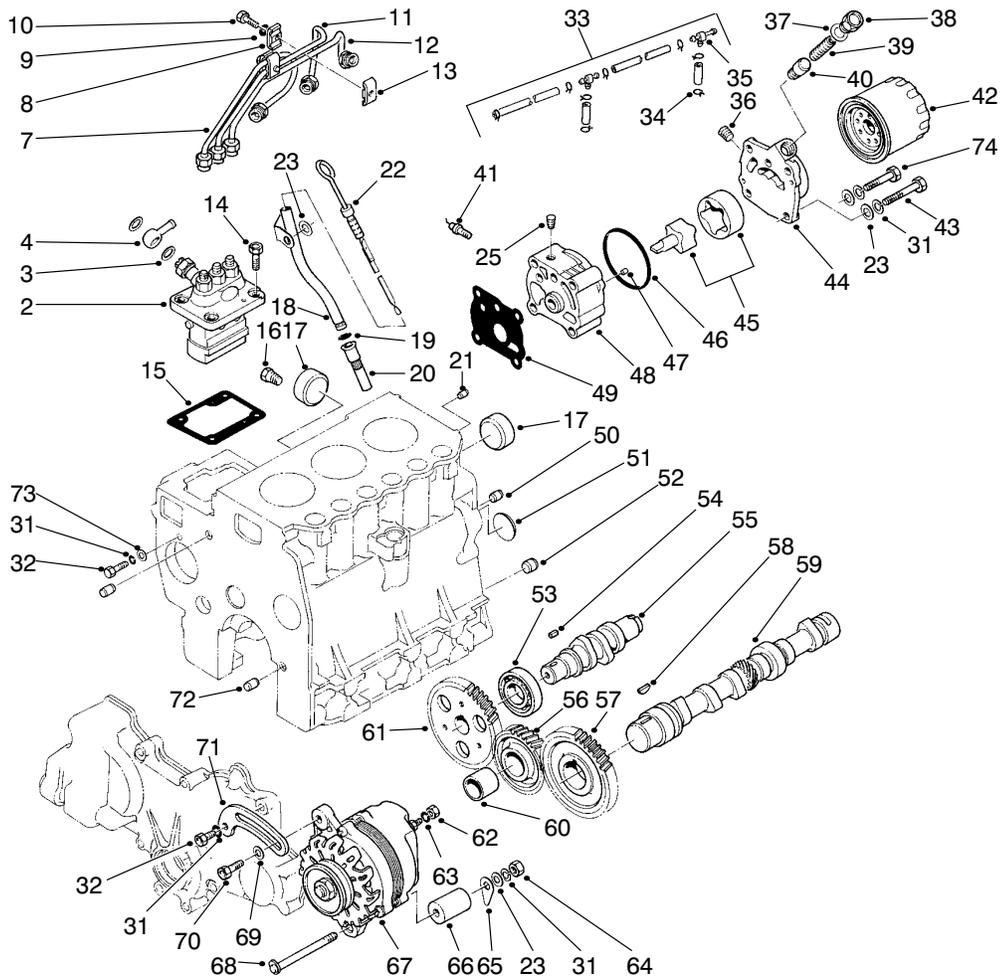
T-0433-2

## ENGINE ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
2	42-8000	Pump Assy. - Fuel Injection (Used on Serial No. 50001-60267)	1	15	42-8030	Shim - 0.4 (.016 in.)	A/R
†2		Pump Assy. - Fuel Injection (Used on Serial No. 60268 & Up)	1	*	42-8040	Shim - 0.5 (.020 in.)	A/R
3	42-9830	Washer - Seal	2	*	42-8050	Shim - 0.6 (.024 in.)	A/R
4	42-8100	Collar - Union	1	*	42-8060	Shim - 0.7 (.028 in.)	A/R
7	42-8130	Pipe Assy. - Fuel Injection (No. 1)	1	*	42-8070	Shim - 0.8 (.032 in.)	A/R
8	56-0750	Clamp	2	*	42-8080	Shim - 0.9 (.036 in.)	A/R
9	43-5930	Washer - Lock	1	*	42-8090	Shim - 1.0 (.039 in.)	A/R
10	43-2600	Capscrew	2	16	281-1	Plug - Taper	1
11	42-8140	Pipe Assy. - Fuel Injection (No. 2)	1	17	42-7090	Cap - Sealing	2
12	42-8150	Pipe Assy. - Fuel Injection (No.3)	1	18	42-7050	Guide - Oil Level Gauge	1
13	56-0760	Clamp	2	19	43-2710	O-Ring	1
14	66-3160	Screw - Cap, Hex. Hd. (Used on Serial No. 50001-60267)	4	20	72-6950	Retainer - Oil Level Guide	1
†14		Screw - Cap, Hex. Hd. (Used on Serial No. 60268 & Up)	3	21	42-7160	Pin - Dowel	1
15	42-8010	Shim - 0.2 (.008 in.)	A/R	22	42-7270	Gauge Assy. - Oil Level	1
*	42-8020	Shim - 0.3 (.012 in.)	A/R	23	42-9660	Washer - Flat	6
				25	67-2570	Plug - Taper	1
				31	42-9850	Washer - Lock	7
				32	42-9230	Screw - Cap, Hex. Hd.	2
				33	42-8180	Fuel Return Pipe Assembly	1
				34	2412-79	Clamp - Hose	8
				35	42-8190	Joint	2
				36	67-2390	Plug - Taper	1
				37	42-7290	Gasket	1
				38	67-2520	Plug	1
				39	42-8930	Spring - Relief	1
				40	67-2500	Plunger - Relief	1

\* Not Illustrated

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

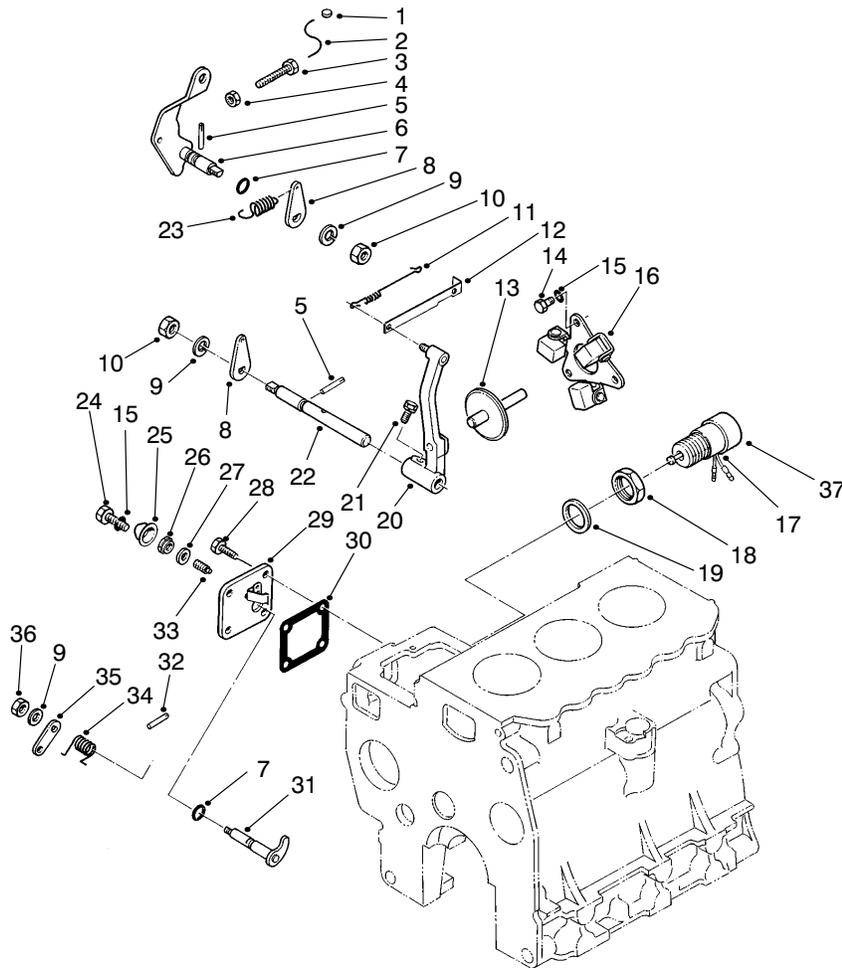


T-0433-3

## ENGINE ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
41	56-1310	Oil Pressure Switch Assy.	1	59	72-4280	Camshaft	1
42	67-4330	Filter Assembly - Oil	1	60		Bushing - Idler Gear	1
43	42-9480	Screw - Cap, Hex. Hd.	3	61	42-7830	Gear - Injection Pump Cam	1
44	42-8920	Cover - Oil Pump	1	62	43-5970	Nut	1
45	42-8910	Rotor Assembly - Oil Pump	1	63	43-5920	Washer - Lock	1
46	42-8940	O-Ring	1	64	42-9580	Nut	1
47	93-3657	Pin - Dowel	2	65	43-0370	Shim	A/R
48	42-8900	Body - Oil Pump	1	66	43-0380	Spacer	1
49	42-8950	Gasket - Oil Pump Body	1	67	43-0390	Alternator (Model AH2035M4)	1
50	42-7180	Bushing - Knock	2	68	43-1900	Screw - Cap, Hex. Hd.	1
51	42-7170	Plug - Expansion	1	69	54-8660	Washer	1
52	42-7200	Bushing - Knock	1	70	67-4660	Screw - Cap, Flange Hd.	1
53	93-3409	Bearing - Ball	1	71	43-0400	Brace - Alternator	1
54	42-7840	Key - Sunk	1	72	42-7190	Bushing - Knock	2
55	42-7810	Shaft - Injection Pump Cam	1	73	42-9820	Washer	1
56	42-7790	Idler Gear Assembly (Incl. Ref. #60)	1	74	56-2120	Screw - Cap Hex. Hd.	1
57	42-7780	Gear - Camshaft	1	*	42-8850	Oil Pump Assembly (Incl. Ref. 36-40 & 44-48)	1
58	42-7730	Key - Woodruff	1				

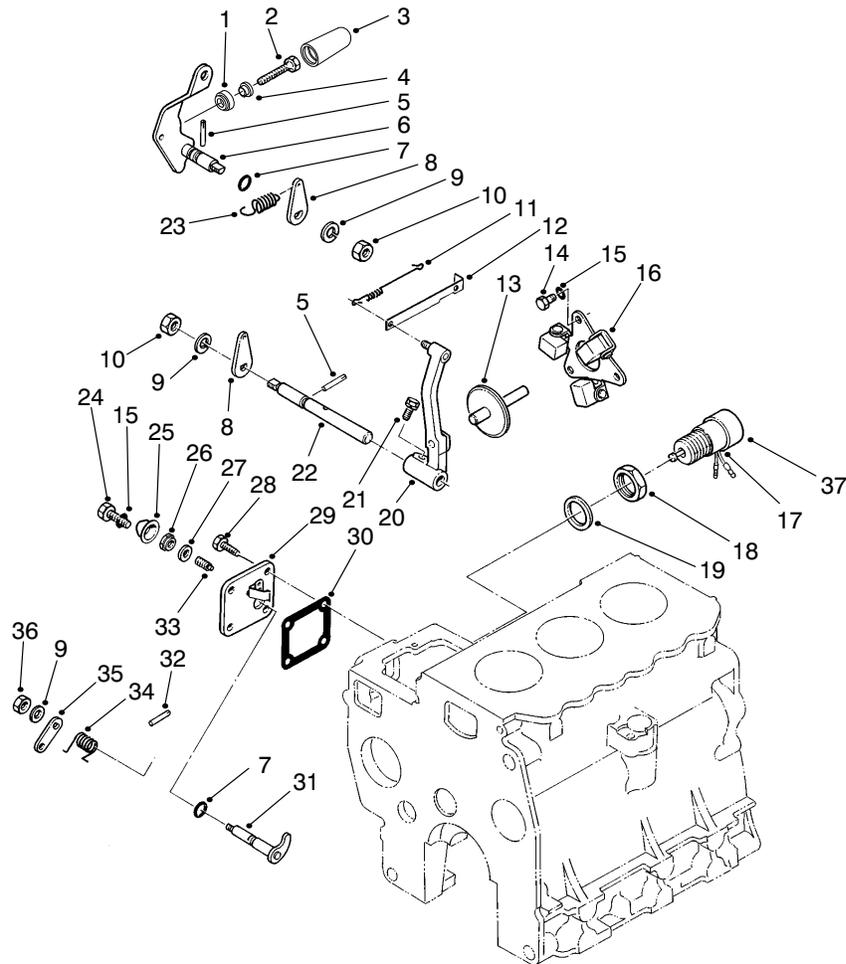
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T-0434-4

## ENGINE ASSEMBLY (Continued) (Used on Serial No. 50001-60267)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	42-8690	Metal - Sealing	1	20	42-8730	Governor Lever Assembly	1
2	42-8700	Wire	1	21	42-9450	Bolt/Washer - Assembled	1
3	42-9420	Bolt - High Speed Set	1	22	42-8760	Governor Shaft	1
4	43-2830	Nut	1	23	42-8820	Governor Spring	1
5	42-8810	Pin - Grooved	2	24	43-2800	Screw - Cap, Hex. Hd.	1
6	42-8780	Speed Control Lever Assy.	1	25	43-2820	Sealing Cap	1
7	42-8830	O-Ring	2	26	43-5960	Nut - Special	1
8	42-8770	Lever - Governor Spring	2	27	43-3120	Washer - Seal	1
9	42-9850	Washer - Lock	2	28	67-2560	Screw - Cap, Hex. Hd.	3
10	42-9580	Nut - Jam	2	29	42-8790	Cover Assembly (Incl. Ref. #25, 27 & 33)	1
11	42-8740	Spring - Tie Rod	1	30	42-8800	Gasket Cover	1
12	42-8750	Tie Rod	1	31	44-8090	Lever Assembly Stop	1
13	42-8720	Sliding Shaft Assembly	1	32	42-8810	Pin - Grooved	1
14	42-9430	Screw - Cap, Hex. Hd.	3	33	43-3160	Screw - Adjusting	1
15	43-5930	Washer - Lock	4	34	44-8100	Spring Return	1
16	67-4040	Weight Assy. - Governor	1	35	43-2770	Lever - Stop	1
17	43-2730	Solenoid - Tubular	1	36	42-9640	Nut - Jam	1
18	43-2750	Nut	1	37	62-6940	Cap	1
19	43-2740	Gasket	1				

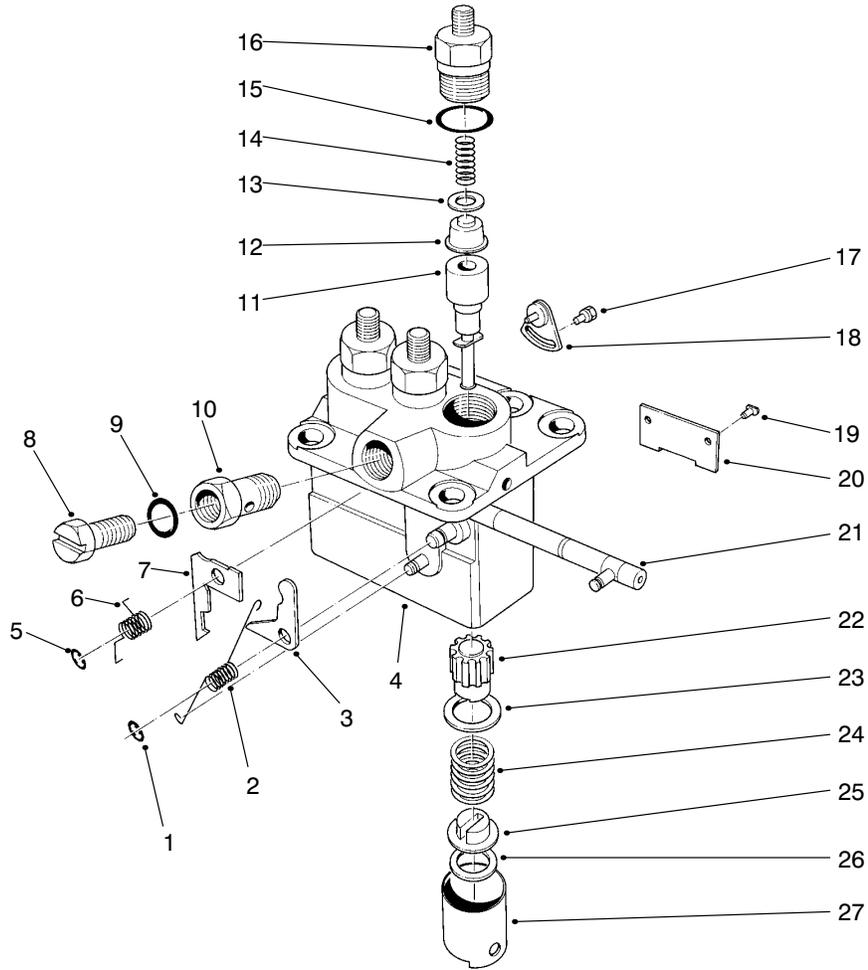


T-2434-4

## ENGINE ASSEMBLY (Continued) (Used on Serial No. 60268 & Up)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
†1		C-Ring, High Speed Set	1	20	42-8730	Governor Lever Assembly	1
†2		Bolt - High Speed Set	1	21	42-9450	Bolt/Washer - Assembled	1
†3		Cover - High Speed Set	1	22	42-8760	Governor Shaft	1
†4		Nut - High Speed Set	1	23	42-8820	Governor Spring	1
5	42-8810	Pin - Grooved	2	24	43-2800	Screw - Cap, Hex. Hd.	1
6	42-8780	Speed Control Lever Assy.	1	25	43-2820	Sealing Cap	1
7	42-8830	O-Ring	2	26	43-5960	Nut - Special	1
8	42-8770	Lever - Governor Spring	2	27	43-3120	Washer - Seal	1
9	42-9850	Washer - Lock	2	28	67-2560	Screw - Cap, Hex. Hd.	3
10	42-9580	Nut - Jam	2	29	42-8790	Cover Assembly (Incl. Ref. #25, 27 & 33)	1
11	42-8740	Spring - Tie Rod	1	30	42-8800	Gasket Cover	1
12	42-8750	Tie Rod	1	31	44-8090	Lever Assembly Stop	1
13	42-8720	Sliding Shaft Assembly	1	32	42-8810	Pin - Grooved	1
14	42-9430	Screw - Cap, Hex. Hd.	3	33	43-3160	Screw - Adjusting	1
15	43-5930	Washer - Lock	4	34	44-8100	Spring Return	1
16	67-4040	Weight Assy. - Governor	1	35	43-2770	Lever - Stop	1
17	43-2730	Solenoid - Tubular	1	36	42-9640	Nut - Jam	1
18	43-2750	Nut	1	37	62-6940	Cap	1
19	43-2740	Gasket	1				

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



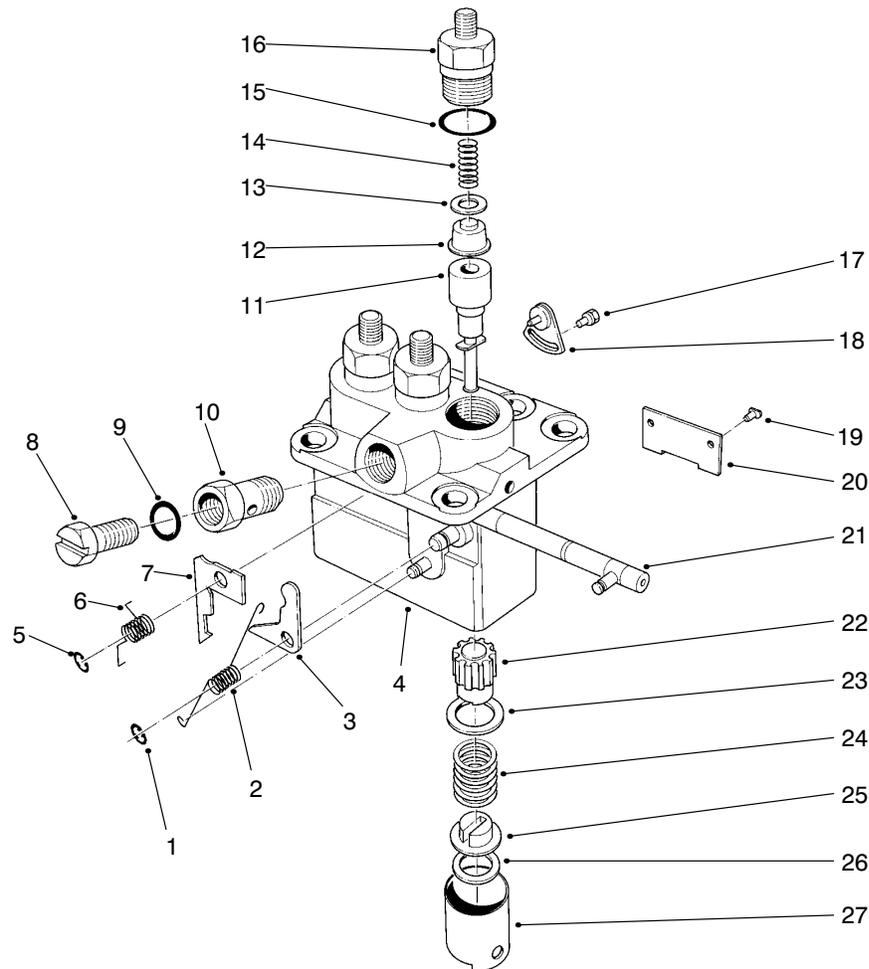
T-0435-3

## FUEL INJECTION PUMP ASSEMBLY NO. 42-8000 (Used on Serial No. 50001-60267)

Ref. No.	Part No.	Description	No. Used
1	70-4240	E-Ring	1
2	43-3110	Spring - Ungleich Set	1
3	43-2910	Plate - Ungleich Set 16.9 (.665 in.) Mark 1	A/R
*	43-2920	Plate - Ungleich Set 16.8 (.661 in.) Mark 2	A/R
*	43-2930	Plate - Ungleich Set 16.7 (.657 in.) Mark 3	A/R
*	43-2940	Plate - Ungleich Set 16.6 (.654 in.) Mark 4	A/R
*	43-2950	Plate - Ungleich Set 16.5 (.650 in.) Mark 5	A/R
4		Pump Housing Sub Assy.	1
5	54-8780	E-Ring	1
6	42-8460	Spring Return	1
7	54-8700	Plate - Smoke Set 2.3 (.091 in.) Mark 60	A/R
*	43-3010	Plate - Smoke Set 2.4 (.095 in.) Mark 61	A/R
*	56-0950	Plate - Smoke Set 2.5 (.098 in.) Mark 62	A/R
*	43-3020	Plate - Smoke Set 2.6 (.102 in.) Mark 63	A/R

Ref. No.	Part No.	Description	No. Used
*7	56-0960	Plate - Smoke Set 2.7 (.106 in.) Mark 64	A/R
*	43-3030	Plate - Smoke Set 2.8 (.110 in.) Mark 65	A/R
*	56-0970	Plate - Smoke Set 2.9 (.114 in.) Mark 66	A/R
*	43-3040	Plate - Smoke Set 3.0 (.118 in.) Mark 67	A/R
*	54-8740	Plate - Smoke Set 3.1 (.122 in.) Mark 68	A/R
*	43-3050	Plate - Smoke Set 3.2 (.126 in.) Mark 69	A/R
*	54-8750	Plate - Smoke Set 3.3 (.130 in.) Mark 70	A/R
*	43-3060	Plate - Smoke Set 3.4 (.134 in.) Mark 71	A/R
*	54-8760	Plate - Smoke Set 3.5 (.138 in.) Mark 72	A/R
*	43-3070	Plate - Smoke Set 3.6 (.142 in.) Mark 73	A/R
*	54-8770	Plate - Smoke Set 3.7 (.146 in.) Mark 74	A/R

\* Not Illustrated

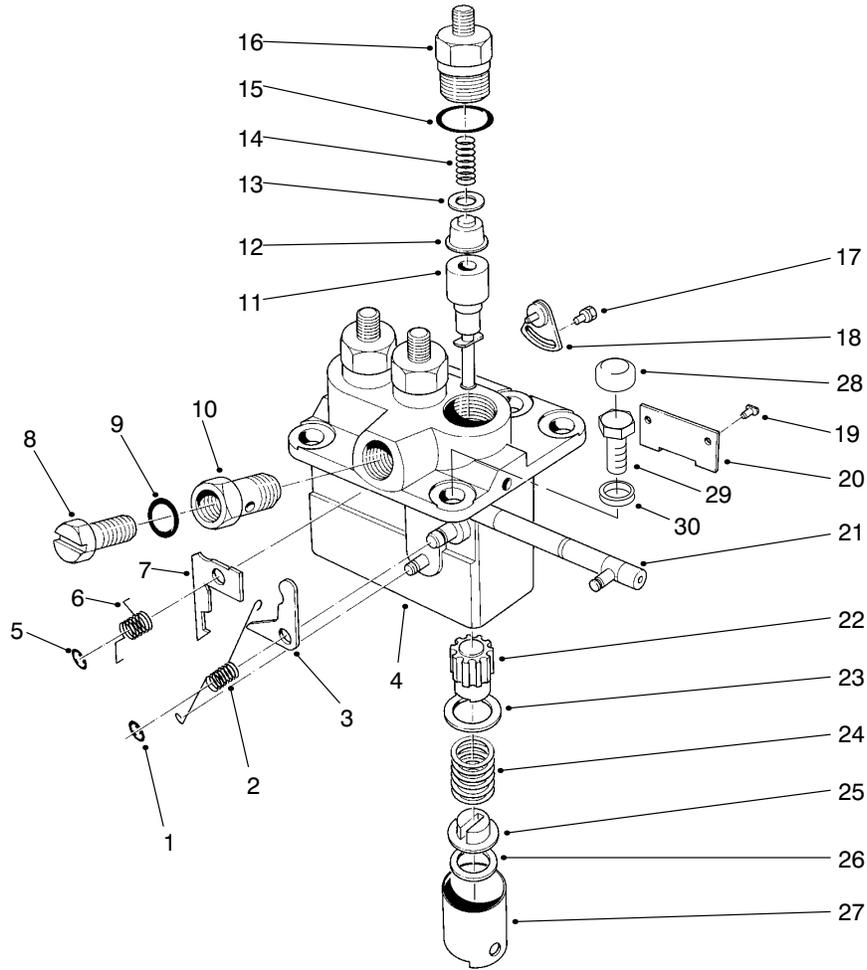


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## FUEL INJECTION PUMP ASSEMBLY NO. 42-8000 (Cont.) (Used on Serial No. 50001-60267)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
8	42-8370	Screw - Air Breather	1	26	70-4070	Shim - Plate 0.2 (.008 in.)	A/R
9	42-9770	Washer	1	*	70-4080	Shim - Plate 0.3 (.0121 in.)	A/R
10	42-8380	Screw - Hollow	1	*	70-4090	Shim - Plate 0.4 (.016 in.)	A/R
11	42-8260	Element Sub Assembly	3	*	70-4100	Shim - Plate 0.5 (.020 in.)	A/R
12	42-8250	Delivery Valve Sub Assy.	3	*	42-8440	Shim - Plate 0.25 (.010 in.)	A/R
13	93-3465	Gasket - Delivery Valve	3	*	42-8450	Shim - Plate 0.35 (.014 in.)	A/R
14	42-8230	Spring - Delivery Valve	3	*	43-6240	Shim - Plate 0.45 (.018 in.)	A/R
15	93-3474	O-Ring	3	*	54-8680	Shim - Plate 0.55 (.022 in.)	A/R
16	42-8220	Holder - Delivery Valve	3	*	54-8690	Shim - Plate 0.65 (.026 in.)	A/R
17	43-3150	Bolt/Washer - Assembled	2	27	42-8300	Tappet Sub Asm.	3
18	42-8360	Plate Assembly - Adjusting	2				
19	42-8340	Pin - Tappet Guide	3				
20	42-8350	Plate	1				
21	42-8310	Rack Assembly - Control	1				
22	42-8270	Sleeve - Plunger Control	3				
23	42-8280	Seat - Spring, Upper	3				
24	42-8290	Spring - Pump Plunger	3				
25	42-8320	Seat - Spring, Lower	3				
26	70-3970	Shim - Plate 0.6 (.0241 in.)	A/R				

\* Not Illustrated



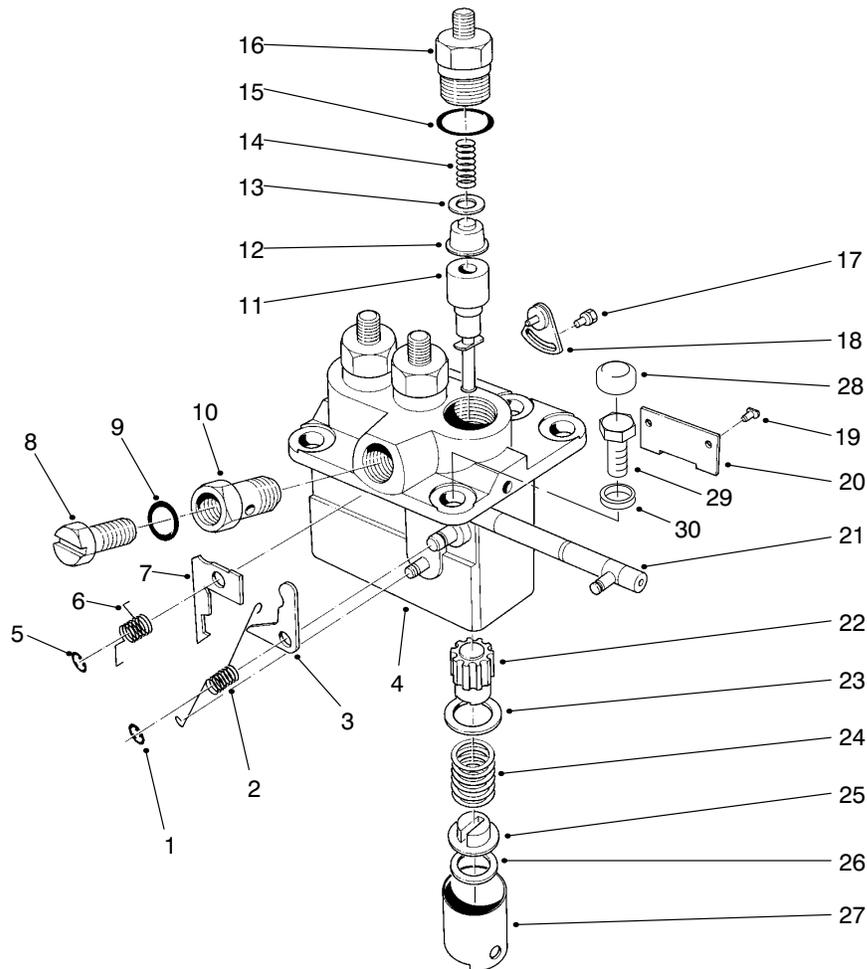
T-2435-1

## FUEL INJECTION PUMP ASSEMBLY (Used on Serial No. 60268 & Up)

Ref. No.	Part No.	Description	No. Used
1	70-4240	E-Ring	1
2	43-3110	Spring - Ungleich Set	1
3	95-1566	Plate - Ungleich Set 17.0 (.669 in.) Mark 6	A/R
*	95-1567	Plate - Ungleich Set 16.9 (.665 in.) Mark 7	A/R
*	95-1568	Plate - Ungleich Set 16.8 (.661 in.) Mark 8	A/R
*	95-1569	Plate - Ungleich Set 16.7 (.657 in.) Mark 9	A/R
*	95-1570	Plate - Ungleich Set 16.6 (.654 in.) Mark 10	A/R
*	95-1571	Plate - Ungleich Set 16.85 (.663 in.) Mark 11	A/R
*	95-1572	Plate - Ungleich Set 16.75 (.659 in.) Mark 12	A/R
4		Pump Housing Sub Assy.	1
5	54-8780	E-Ring	1
6	42-8460	Spring Return	1
7	54-8700	Plate - Smoke Set 2.3 (.091 in.) Mark 60	A/R
*	43-3010	Plate - Smoke Set 2.4 (.095 in.) Mark 61	A/R
*	56-0950	Plate - Smoke Set 2.5 (.098 in.) Mark 62	A/R

Ref. No.	Part No.	Description	No. Used
7	43-3020	Plate - Smoke Set 2.6 (.102 in.) Mark 63	A/R
*	95-1573	Plate - Smoke Set 1.2 (.047 in.) Mark 49	A/R
*	95-1574	Plate - Smoke Set 1.3 (.051 in.) Mark 50	A/R
*	95-1576	Plate - Smoke Set 1.4 (.055 in.) Mark 51	A/R
*	56-0900	Plate - Smoke Set 1.5 (.059 in.) Mark 52	A/R
*	56-0990	Plate - Smoke Set 1.6 (.063 in.) Mark 53	A/R
*	56-0910	Plate - Smoke Set 1.7 (.067 in.) Mark 54	A/R
*	56-1000	Plate - Smoke Set 1.8 (.071 in.) Mark 55	A/R
*	56-0920	Plate - Smoke Set 1.9 (.075 in.) Mark 56	A/R
*	56-1010	Plate - Smoke Set 2.0 (.079 in.) Mark 57	A/R
*	56-0930	Plate - Smoke Set 2.1 (.083 in.) Mark 58	A/R
*	43-3000	Plate - Smoke Set 2.2 (.087 in.) Mark 59	A/R
8	42-8370	Screw - Air Breather	1

\* Not Illustrated



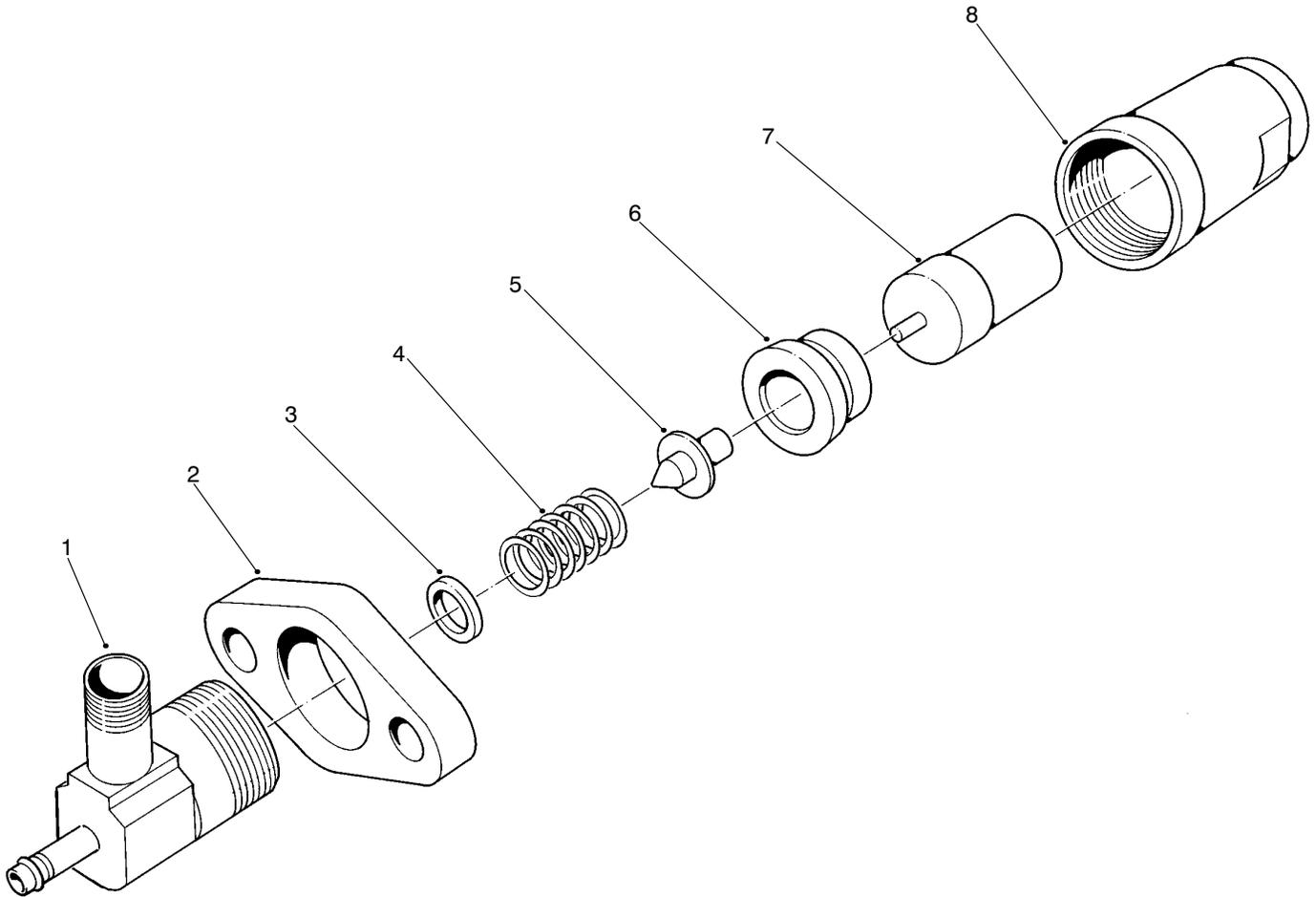
T-2435-1

## FUEL INJECTION PUMP ASSEMBLY (Continued) (Used on Serial No. 60268 & Up)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
9	42-9770	Washer	1	26	70-4080	Shim - Plate 0.3 (.0121 in.)	A/R
10	42-8380	Screw - Hollow	1	*	70-4090	Shim - Plate 0.4 (.016 in.)	A/R
11	42-8260	Element Sub Assembly	3	*	70-4100	Shim - Plate 0.5 (.020 in.)	A/R
12	42-8250	Delivery Valve Sub Assy.	3	*	42-8440	Shim - Plate 0.25 (.010 in.)	A/R
13	42-8240	Gasket - Delivery Valve	3	*	42-8450	Shim - Plate 0.35 (.014 in.)	A/R
14	42-8230	Spring - Delivery Valve	3	*	43-6240	Shim - Plate 0.45 (.018 in.)	A/R
15	42-8330	O-Ring	3	*	54-8680	Shim - Plate 0.55 (.022 in.)	A/R
16	42-8220	Holder - Delivery Valve	3	*	54-8690	Shim - Plate 0.65 (.026 in.)	A/R
17	43-3150	Bolt/Washer - Assembled	2	27	42-8300	Tappet Sub Assembly	3
18	42-8360	Plate Assembly - Adjusting	2	†28		Cover	1
19	42-8340	Pin - Tappet Guide	3	†29		Screw - Cap, Hex. Hd.	1
20	42-8350	Plate	1	†30		C-Ring	1
21	42-8310	Rack Assembly - Control	1				
22	42-8270	Sleeve - Plunger Control	3				
23	42-8280	Seat - Spring, Upper	3				
24	42-8290	Spring - Pump Plunger	3				
25	42-8320	Seat - Spring, Lower	3				
26	70-3970	Shim - Plate 0.6 (.0241 in.)	A/R				
*	70-4070	Shim - Plate 0.2 (.008 in.)	A/R				

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

\* Not Illustrated



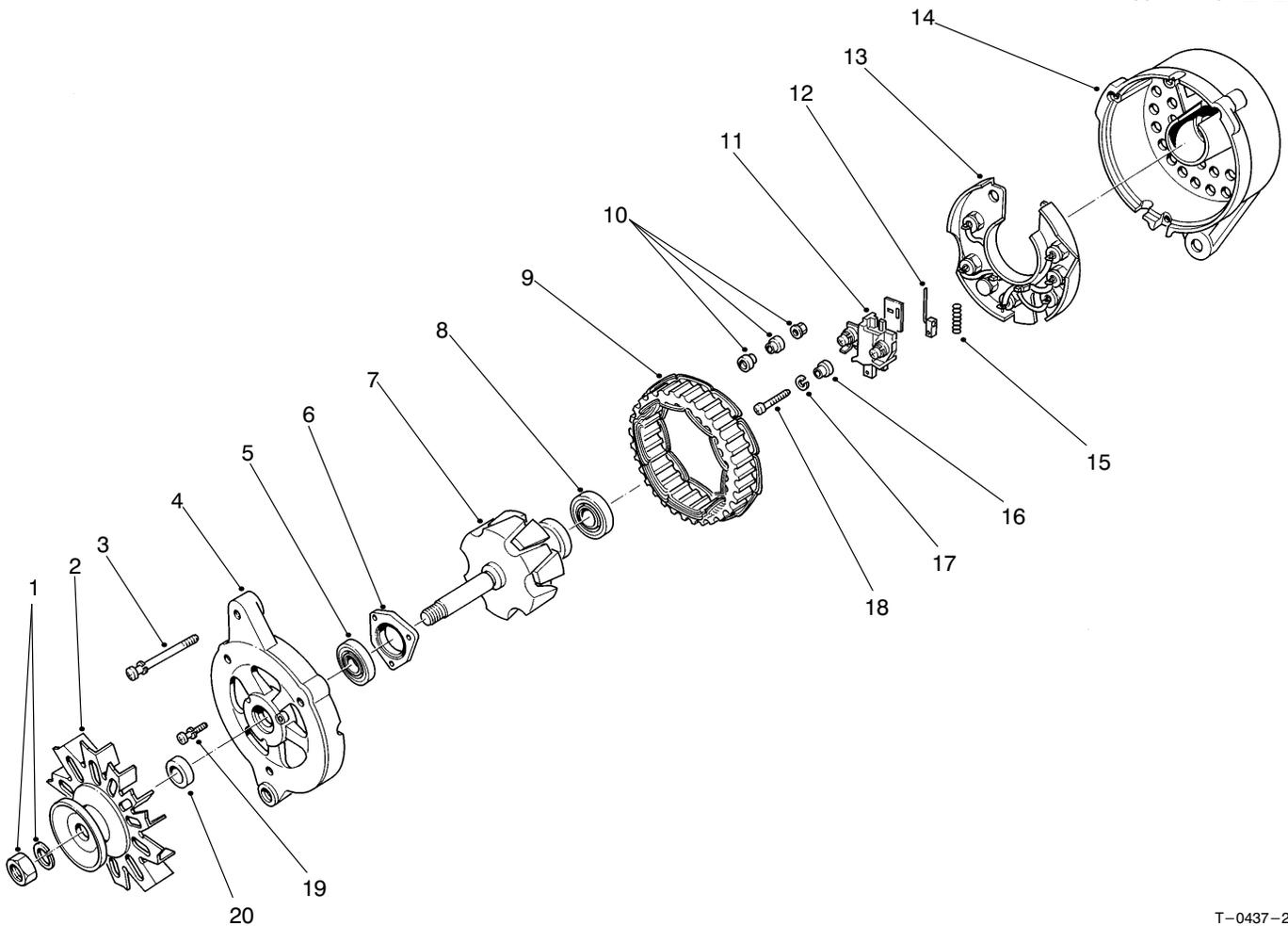
T-0436-2

## NOZZLE & HOLDER ASSEMBLY NO. 44-8070

Ref. No.	Part No.	Description	No. Used
1	44-8080	Body	3
2	42-8670	Flange	3
3	42-9680	Washer 1.3 (.051 in.)	A/R
*	42-9690	Washer 1.35 (.053 in.)	A/R
*	42-9700	Washer 1.4 (.055 in.)	A/R
*	42-9710	Washer 0.9 (.035 in.)	A/R
*	42-9720	Washer 1.0 (.039 in.)	A/R

Ref. No.	Part No.	Description	No. Used
*3	42-9730	Washer 1.1 (.043 in.)	A/R
*	42-9740	Washer 1.2 (.047 in.)	A/R
*	42-9750	Washer 0.1 (.004 in.)	A/R
4	51-7500	Spring - Pressure	3
5	93-3181	Pin - Pressure	3
6	51-7520	Piece - Distance	3
7	42-8680	Nozzle Assembly	3
8	42-8650	Nut - Retaining	3

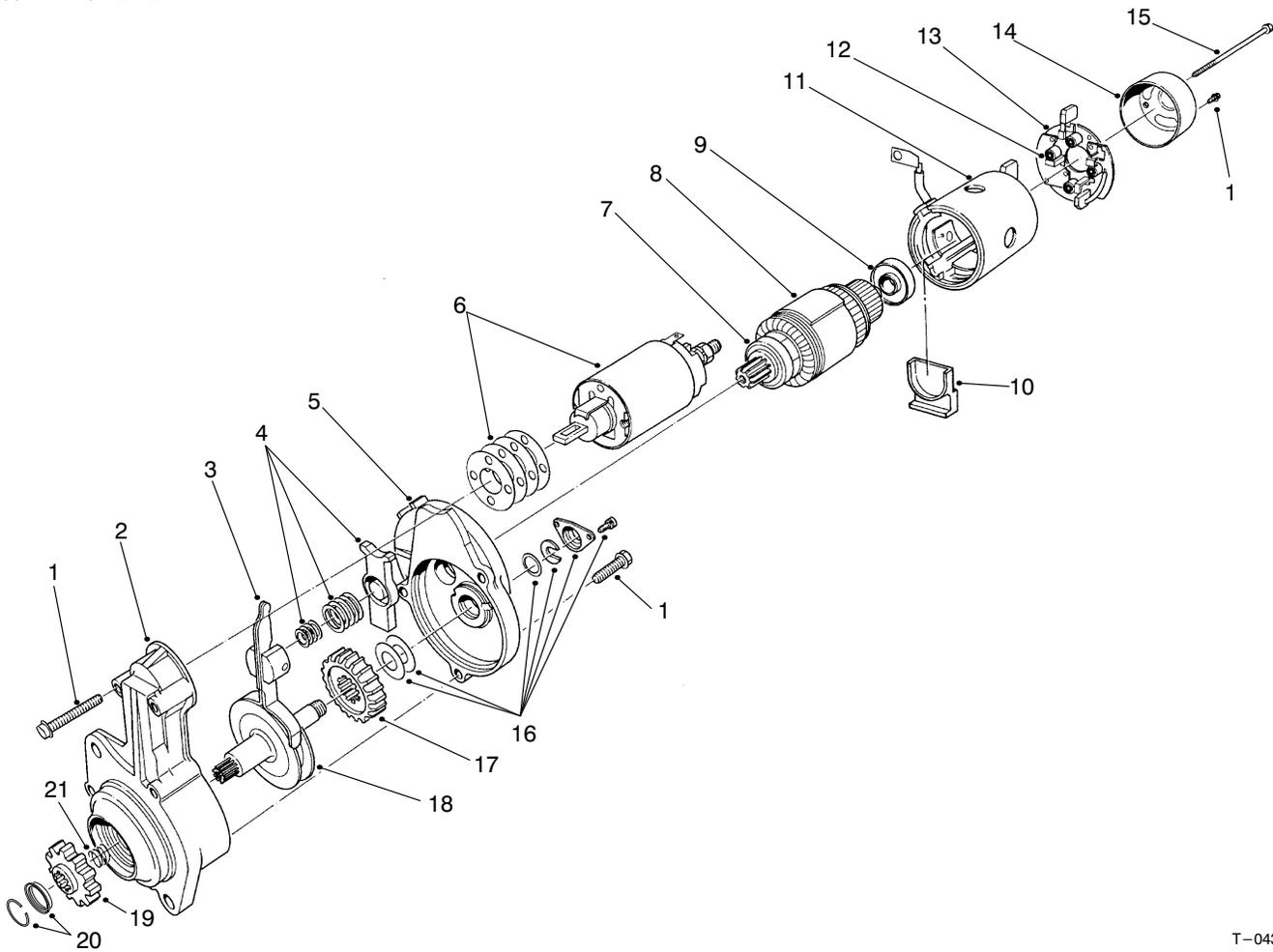
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T-0437-2

## ALTERNATOR ASSEMBLY NO. 43-0390

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	51-7850	Nut Set	1	11	43-0490	Holder Assembly Brush (Incl. Ref. #12 & 15)	1
2	43-0420	Pulley Assembly (Incl. Ref. #20)	1	12	43-0500	Brush	2
3	43-0120	Screw - Set	1	13	43-0520	Rectifier Assembly	1
4	43-0430	Bracket Assembly Front (Incl. Ref. #5-6 & 19)	1	14	43-0480	Rear Bracket Assembly (Incl. Ref. #10-13 & 5-18)	1
5	70-3320	Bearing - Front	1	15	70-2810	Spring - Brush	1
6		Plate - Bearing Retainer	1	16	43-2720	Mold	1
7	51-7910	Rotor Assembly (Incl. Ref. #8)	1	17	43-5920	Washer - Lock	1
8	51-7920	Bearing - Rear	1	18	93-3654	Screw	1
9	43-0470	Stator	1	19	51-7890	Screw - Set	1
10	43-0080	Nut - Set	1	20		Collar - Shaft	1



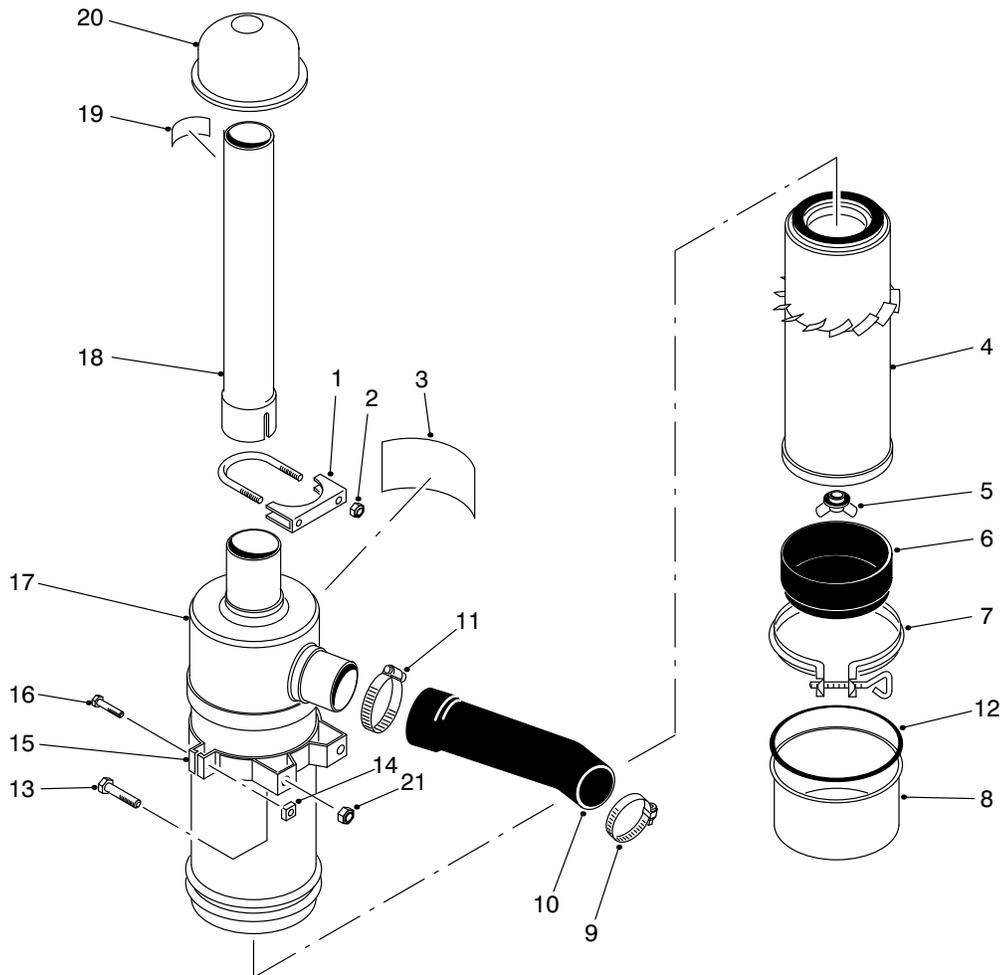
T-0438-3

## STARTER ASSEMBLY NO. 46-7610

Ref. No.	Part No.	Description	No. Used
1	93-3655	Screw - Set	1
2	46-7630	Bracket Assembly - Front	1
3	46-7640	Lever Assembly	1
4	43-0190	Spring Set	1
5	46-7650	Bracket Assembly - Center	1
6	46-7660	Switch Assembly	1
7	46-7680	Bearing - Front	1
8	46-7670	Armature Set (Incl. Ref. #7 & 9)	1
9	60-5400	Bearing - Rear	1
10	46-8050	Packing	1
11	46-7780	Yoke Assembly	1
12	51-7820	Spring - Brush	4
13	51-7810	Brush Holder Assembly (Incl. Ref. #12)	1

Ref. No.	Part No.	Description	No. Used
14	51-7830	Bracket - Rear	1
15	93-3687	Bolt Set	1
16	51-7780	Cover Set	1
17	46-7760	Gear	1
18	46-7750	Shaft Assembly Pinion	1
19	46-7720	Pinion Set (Incl. Ref. #20 & 21)	1
20	51-7740	Stopper	1
21		Spring	1
*	46-7740	Gear Set (Incl. Ref. #17 & 18)	1
*	46-7710	Shaft Assembly - Clutch (Incl. Ref. #16-20)	1

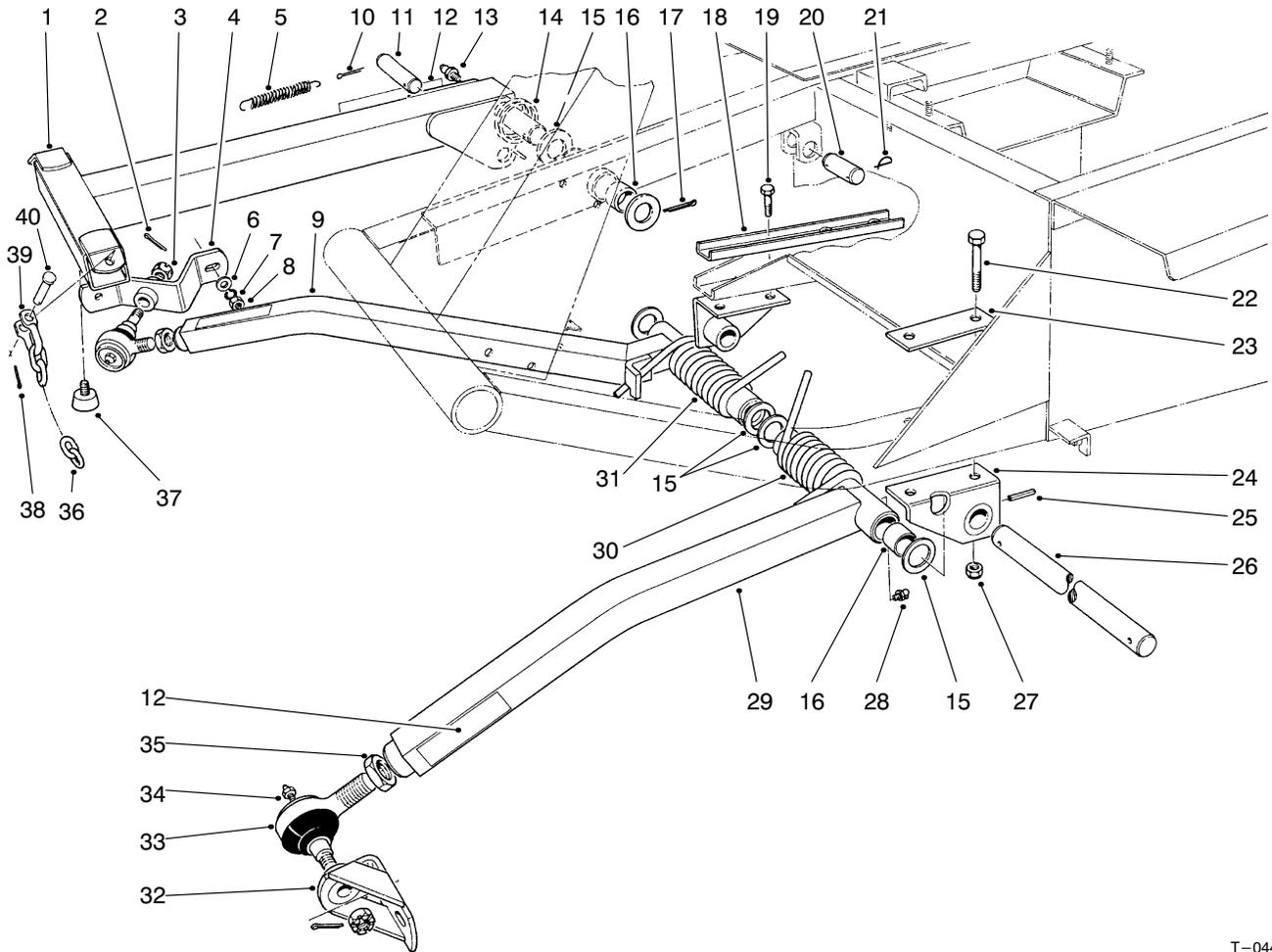
\* Not Illustrated



T-0439-1

## AIR CLEANER ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	20-4840	Muffler Clamp (Incl. Ref. #2)	1	12	80-3330	Gasket	1
2	3217-6	Nut	2	13	322-3	Screw - Cap, Hex. Hd.	4
3	27-7160	Decal - Instructions	1	14	32107-11	Nut	2
4	27-7110	Element Assembly	1	15	27-7170	Band Assy. (Incl. Ref. #14 & 16)	2
5	27-7120	Nut & Gasket Assembly	1	16	3258-19	Screw - Mach. Rd. Hd.	2
6	27-7140	Skirt - Baffle	1	17	27-7100	Air Cleaner Assembly (Incl. Ref. #3-8)	1
7	27-7130	Clamp Assembly	1	18	43-3810	Tube - Air Cleaner	1
8	27-7150	Cup Assembly	1	19	83-9150	Decal - Starting Fluid	1
9	2412-3	Hose - Clamp	1	20	27-7180	Cap Assembly - Air Inlet	1
10	80-0060	Hose - Air Cleaner	1	21	32128-20	Nut - Flange	4
11	2412-42	Hose Clamp	1				

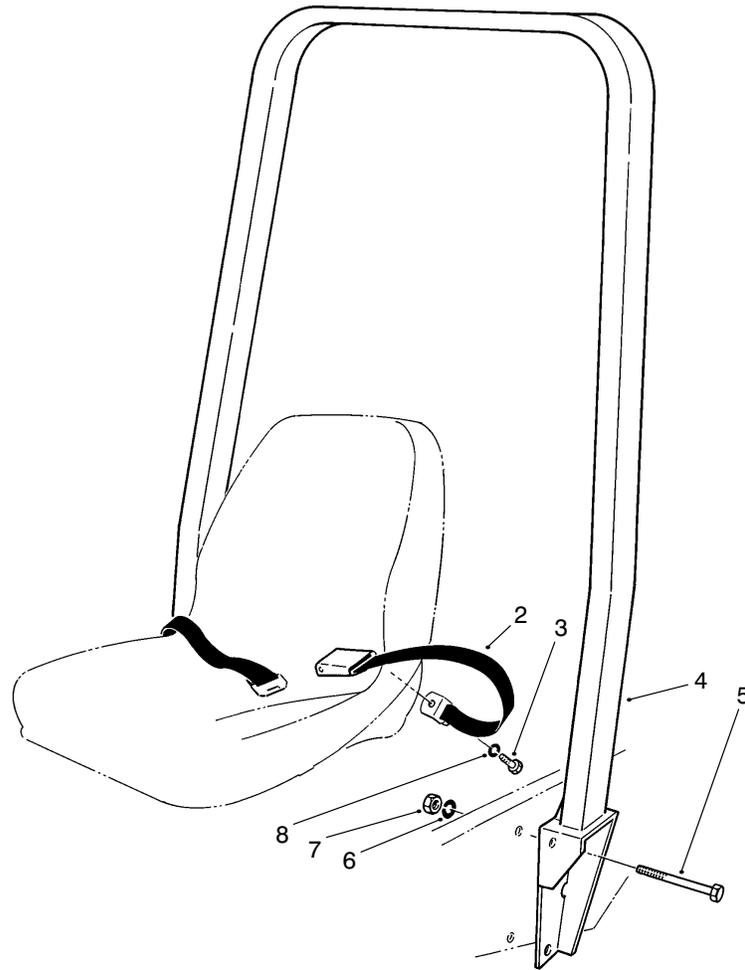


T-0440-4

## PUSH ARM ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	66-6370	Lift Arm	1
2	3272-11	Pin - Cotter	2
3	32136-2	Nut	2
4	21-3020	Ball Joint Mount R.H.	1
5	21-1830	Spring Tension	1
6	3256-25	Washer - Flat	1
7	3253-6	Washer - Lock	2
8	3217-8	Nut - Full	2
9	66-7150	Push Arm R.H. (Incl. Ref. #16 & 28)	1
10	3272-24	Cotter Pin	1
11	24-9510	Pin	1
12	55-4300	Warning Decal	3
13	302-5	Fitting - Grease	1
14	46-8840	Spring - Lift Arm	1
15	5-1754	Washer	6
16	256-126	Bushing	6
17	3272-33	Pin - Cotter	1
18	23-1950	Support - Reinforcement	1
19	324-4	Screw - Cap, Hex. Hd.	2
20	3-7292	Pin	1

Ref. No.	Part No.	Description	No. Used
21	5-3126	Pin - Spring	3
22	324-11	Screw - Cap, Hex. Hd.	2
23	21-3750	Support Plate	1
24	21-2860	Push Arm Bracket	2
25	32121-84	Pin - Roll	2
26	21-2990	Shaft - Pivot	1
27	32128-42	Nut - Flange	4
28	302-33	Fitting - Grease	2
29	21-2960	Push Arm L.H. (Incl. Ref. #16 & 28)	1
30	21-2900	Spring - Torsion L.H.	1
31	21-2890	Spring - Torsion R.H.	1
32	21-3050	Ball Joint Mount L.H.	1
33	86-8100	Ball Joint Assembly	2
34	302-5	Fitting - Grease	2
35	21-3000	Nut - Jam	2
36	3-1365	Chain - Lift	3
37	67-9800	Bumper	1
38	3272-10	Pin - Cotter	3
39	5-2942	Shackle	3
40	283-10	Pin	3



T-0927-2

## ROLL OVER PROTECTION ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
2†	3-10287*	Seat Belt Assembly	1	6	3253-9	Washer - Lock	4
3	3212-4	Screw - Cap Hex. Hd.	2	7	3217-12	Nut - Hex.	4
4	4-11797*	Roll Bar Assembly	1	8	3253-6	Washer - Lock	2
5	328-5	Screw - Cap Hex. Hd.	4				

\* Obtain from Custom Products, Litchfield, MN 55355.

† Do not use without installing Roll Over Protection Unit.

# TORO PART NUMBER INDEX

Part No.	Description	Pg. No.	Ref. No.	Qty.	Part No.	Description	Pg. No.	Ref. No.	Qty.
3-1365	Chain - Lift	54	36	3	21-8180	Bearing	18	3	2
3-6498	Washer	8	18	A/R	21-8270	Pin - Dowel	16	3	2
3-6657	Clip	7	31	2	21-8360	Clip - Retaining	18	12	2
3-6803	Washer	36	15	A/R	21-8590	Link - Valve Lever	30	27	1
3-7243	Spring - Extension	10	13	2	21-8620	Lever Valve	30	2	1
3-7292	Pin	54	20	1	21-8640	Latch - Valve Lever	30	7	1
3-8812	Spacer	8	19	1	21-9010	Pivot Mount - Valve Lever	30	11	1
3-10287	Seat Belt Assembly	55	2	1	21-9260	Cover - Dust	12	4	1
4-2390	Washer	35	49	2	21-9370	Screw - Adjusting	18	16	2
4-11797	Roll Bar Assembly	55	4	1	21-9380	Nut - Pivot	18	17	2
5-0652	Spacer	8	37	1	21-9390	Socket - Adjusting Screw	18	15	2
5-0652	Spacer	35	62	2	21-9420	Spring - Shoe Return L.H.	18	19	2
5-0701	Spring Anchor	9	52	1	21-9430	Spring - Shoe Return R.H.	18	7	2
5-0838	Washer - Flat	5	38	3	21-9440	Spring - Adjusting Screw	18	14	2
5-1226	Washer	24	35	A/R	21-9450	Dust Shield	18	5	2
5-1226	Washer	19	42	A/R	21-9460	Retainer - Brake Lever	18	10	4
5-1747	Spring	8	21	1	22-7810	Spacer	15	19	1
5-1754	Washer	54	15	6	22-7820	Buzzer Assembly	3	36	1
5-2942	Shackle	54	39	3	22-8330	Plug	33	1	2
5-3126	Pin - Spring	54	21	3	22-8340	Spring	33	3	2
5-3637	Washer	34	17	1	22-8350	Ball	33	4	2
6-1659	Toggle Switch	3	19	1	22-8360	Pin - Cam	33	6	2
7-3900	Pad - Brake	10	1	1	22-8370	Seat - Check Valve	33	5	2
11-0590	Screw - Cap, Self Tapping	5	34	2	22-8380	Spring Retainer	33	10	1
11-0590	Screw - Hex. Hd. Tapping	10	5	2	22-8390	Spring Retainer	33	12	1
11-9760	Screw - Self Tapping	27	60	3	22-8400	Spacer Float	33	13	1
12-5450	Screw - Thread Forming	16	13	8	22-8410	Spring	33	11	1
12-9990	Hour Meter	3	40	1	22-8420	Spool	33	8	1
14-8459	Hood	5	6	1	22-8480	Spring Ring Spool	33	14	1
18-1720	Ball Joint Assembly	34	3	2	22-8490	Snap Ring	33	15	1
18-2770	Cable - Ground	2	53	1	22-8500	O-Ring	33	9	2
20-4840	Muffler Clamp	53	1	1	23-1950	Support - Reinforcement	54	18	1
21-0141	Socket Assembly R.H.	10	26	1	23-2240	Rod - Pump Control	10	17	1
21-0230	Pulley - P.T.O.	8	13	1	23-2270	Bushing - Rubber	10	16	1
21-0400	Spring - Compression	8	48	1	23-5180	Dipstick	15	41	1
21-1600	Clamp P.T.O. Lever	9	54	1	23-7270	Nut - Wheel	15	32	10
21-1820	Stud - Belt Retainer	34	42	2	23-9740	Filter - Oil	26	41	1
21-1830	Spring - Tension	8	50	2	24-6390	Stud - Battery Hold Down	1	16	2
21-1830	Spring Tension	54	5	1	24-6420	Hold Down - Battery	1	21	1
21-1880	Grip - Handle	12	35	1	24-8790	Gear - Bevel, Diff. Side	16	5	2
21-1880	Grip Handle	8	1	1	24-8840	Ring - Wheel Bearing	18	22	2
21-2660	Footrest	1	6	1	24-9180	Strut & Lever Parking Brake	18	4	2
21-2760	Pad - Foot Rest L.H.	2	48	1	24-9510	Pin	54	11	1
21-2770	Pad - Foot Rest, R.H.	1	4	1	24-9830	Support - Axle	17	44	1
21-2850	Mount - R.H. Pedal	10	4	1	25-2380	Thrust Plate	29	50	2
21-2860	Push Arm Bracket	54	24	2	25-2390	Motor Valve Plate	29	57	1
21-2890	Spring - Torsion R.H.	54	31	1	25-2400	Gasket	29	59	1
21-2900	Spring - Torsion L.H.	54	30	1	25-2410	Accel. Valve Assembly	28	17	2
21-2960	Push Arm L.H.	54	29	1	25-2430	Dowel Pin	29	52	2
21-2990	Shaft - Pivot	54	26	1	25-2440	Pump Valve Plate	29	51	1
21-3000	Nut - Jam	54	35	2	25-2450	Variable Swashplate	28	48	1
21-3020	Ball Joint Mount R.H.	54	4	1	25-2460	Plug - Hex. Hd.	28	28	2
21-3050	Ball Joint Mount L.H.	54	32	1	25-2470	Shim Pack	28	29	2
21-3370	Cable - R.H. Brake	10	*	1	25-2480	Valve Spring	28	44	1
21-3380	Cable - L.H. Brake	10	15	1	25-2490	Ball	28	9	2
21-3600	Foam - Tank Support	15	3	1	25-2500	Trunnion Shaft	28	43	1
21-3610	Foam - Tank Support	15	21	1	25-2510	Washer - Flat	28	25	2
21-3750	Support Plate	54	23	1	25-2530	Headless Straight Pin	28	39	1
21-7670	Case - Differential	17	35	1	25-2550	Charge Pump Housing	28	34	1
21-7690	Gear - Pinion	16	6	2	25-2570	Valve Spring	28	30	1
21-7700	Shaft - Pinion, Mate	17	33	1	25-2580	Trunnion Shaft	28	26	1
21-7720	Washer - Thrust	16	4	2	25-2610	Accel. Valve Spring	28	16	1
21-7730	Washer - Thrust	16	7	2	25-2630	Back-Up Ring	28	14	1
21-7770	Screw - Gear, Drive	17	34	5	25-2640	Valve Spring	28	8	2
21-7830	Cover - Gear	16	12	1	25-2650	Check Valve Plug	28	6	2
21-8020	Spacer - Bearing, Pinion Ft.	17	27	1	25-2680	Gerotor Assembly	28	38	1
21-8090	Shim .003 - Diff. Adjust.	17	40	A/R	25-3180	Check Valve Kit	28	11	2
21-8100	Shim .005 - Diff. Adjust.	17	39	A/R	25-3190	Charge Pump	28	40	1
21-8110	Shim .010 - Diff. Adjust.	17	38	A/R	25-3210	Lip Seal	28	24	2
21-8120	Shim .030 - Diff. Adjust.	17	37	A/R	25-8640	Screw - Machine	34	10	1

\*Not Illustrated

# TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
26-6740	Temperature Reset Relay	3 18 1	42-7180	Bushing - Knock	43 50 2
26-6750	Engine Temperature Gauge	3 15 1	42-7190	Bushing - Knock	43 72 2
27-1960	Hub - Engine	34 37 1	42-7200	Bushing - Knock	43 52 1
27-2360	Key Switch	3 10 1	42-7240	Bearing Set - Crankshaft	40 * 1
27-7100	Air Cleaner Assembly	53 17 1	42-7260	Bearing Set - Crankshaft	40 * 1
27-7110	Element Assembly	53 4 1	42-7270	Gauge Assy. - Oil Level	42 22 1
27-7120	Nut & Gasket Assembly	53 5 1	42-7280	Oil Pan Assembly	38 52 1
27-7130	Clamp Assembly	53 7 1	42-7290	Gasket	42 37 1
27-7140	Skirt - Baffle	53 6 1	42-7290	Gasket - Oil Drain Plug (18)	37 50 1
27-7150	Cup Assembly	53 8 1	42-7300	Gasket - Oil Pan	38 53 1
27-7160	Decal - Instructions	53 3 1	42-7310	Bearing - Needle	39 3 1
27-7170	Band Assy.	53 15 2	42-7320	Bearing - Needle	39 2 1
27-7180	Cap Assembly - Air Inlet	53 20 1	42-7340	Gasket - Gear Case	39 5 1
27-7290	Decal- Power Take Off	1 12 1	42-7390	Seal - Oil	40 82 1
27-7310	Decal - Refueling	2 36 1	42-7400	Plug - Taper	39 1 1
27-7320	Decal - Traction Pedal	1 1 1	42-7420	Cap - Oil Filter	37 18 1
27-7370	Brake Assembly P.T.O.	8 25 1	42-7440	Hanger - Engine	37 29 2
27-7490	Pedal - L.H. Brake	10 41 1	42-7460	Guide - Valve	37 27 6
27-7510	Pedal - R.H. Brake	10 42 1	42-7470	Gasket - Cylinder Head	38 63 1
27-7570	Pad - Left Turn	10 38 1	42-7480	Glow Plug	37 28 3
27-7580	Pad - Right Turn	10 2 1	42-7490	Seal - Oil	37 21 2
27-7590	Mount - Brake	10 34 1	42-7500	Cover Assembly - Rocker	37 23 1
27-7640	Shaft - Brake Latch	10 36 1	42-7510	Pipe	37 4 2
27-7900	Screw - Adjusting	8 35 1	42-7520	Gasket - Rocker Cover	37 24 1
27-8550	Pedal - Parking Brake	10 45 1	42-7530	Label - Engine No.	37 22 1
27-9270	Mount - Brake Pivot Shaft	10 35 1	42-7540	Fitting - Water Outlet	37 15 1
27-9810	Seat Pivot	7 17 1	42-7550	Gasket	37 9 2
28-0650	Shaft - Flanged, Axle	18 1 2	42-7650	Connecting Rod Assembly	40 49 3
28-0670	Seal - Oil	18 8 2	42-7660	Bearing Set	40 60 3
28-0680	Brake Drum	18 13 2	42-7670	Bearing Set	40 * 3
28-1280	Boot - Cable	1 19 1	42-7680	Bearing Set	40 * 3
28-5220	Wheel - Friction	10 25 1	42-7690	Bearing Set	40 *60 3
28-9570	Lever - Pump	26 3 1	42-7700	Gear - Crankshaft	39 10 1
29-6120	Plate - Pump	27 56 1	42-7710	Crankshaft	40 59 1
29-6150	Spring - Leaf	27 55 1	42-7720	Pulley - Crankshaft	40 83 1
29-6163	Switch - Micro	26 4 1	42-7730	Key - Woodruff	43 58 1
29-6170	Spring - Leaf, Extended	27 54 1	42-7730	Key - Woodruff	40 62 2
29-8910	Washer	36 12 2	42-7740	Nipple - Hose	37 11 1
31-0390	Disc - Friction	12 31 1	42-7780	Gear - Camshaft	43 57 1
33-2570	Radiator Assembly	5 16 1	42-7790	Idler Gear Assembly	43 56 1
33-4380	Hub - Pump	26 23 1	42-7810	Shaft - Injection Pump Cam	43 55 1
37-8770	Bolt - Shoulder	34 4 1	42-7830	Gear - Injection Pump Cam	43 61 1
37-9550	Strap - Fuel Tank	15 7 1	42-7840	Key - Sunk	43 54 1
37-9650	Trim	1 27 1	42-7850	Retainer - Valve Spring	39 20 6
38-1650	Fuel Gauge	3 5 1	42-7860	Lock - Spring Retainer	39 21 12
38-1660	Ammeter	3 12 1	42-7880	Spring - Valve	39 19 6
38-1670	Clamp Mounting	3 2 2	42-7890	Tappet	39 33 6
38-3400	Guard - Rubber	30 5 1	42-7920	Rod - Push	39 32 6
38-3400	Guard - Rubber	5 46 1	42-7930	Spring - Rocker Shaft L.H.	39 41 1
38-4550	Cover - Instruments	1 30 1	42-7940	Arm - Rocker	39 22 6
38-4600	Bar - Frame L.H.	5 22 1	42-7950	Washer - Seat	39 24 2
38-7820	Bearing	36 5 2	42-7960	Shaft Assembly - Rocker	39 40 1
39-8020	Trim - Cover, Instruments	1 33 1	42-7970	Stay - Rocker	39 23 3
41-8760	Gasket - Transmission	27 51 1	42-7980	Screw - Adjusting	39 30 6
42-6080	Shim	36 30 A/R	42-7990	Ring - Snap	39 43 2
42-6080	Shim - Axle	15 30 A/R	42-8000	Pump Assy. - Fuel Injection	42 2 1
42-7040	Seal - Side	40 65 4	42-8010	Shim - 0.2 (.008 in.)	42 15 A/R
42-7050	Guide - Oil Level Gauge	42 18 1	42-8020	Shim - 0.3 (.012 in.)	42 * A/R
42-7060	Seal - Oil	40 55 1	42-8030	Shim - 0.4 (.016 in.)	42 15 A/R
42-7080	Cap - Sealing	39 15 2	42-8040	Shim - 0.5 (.020 in.)	42 * A/R
42-7080	Cap - Sealing (25)	37 30 3	42-8050	Shim - 0.6 (.024 in.)	42 * A/R
42-7090	Cap - Sealing	42 17 2	42-8060	Shim - 0.7 (.028 in.)	42 * A/R
42-7090	Cap - Sealing (45)	37 36 1	42-8070	Shim - 0.8 (.032 in.)	42 * A/R
42-7100	Bushing - Camshaft	40 79 1	42-8080	Shim - 0.9 (.036 in.)	42 * A/R
42-7110	Shaft - Idler	39 11 1	42-8090	Shim - 1.0 (.039 in.)	42 * A/R
42-7120	Case - Oil Seal	40 57 1	42-8100	Collar - Union	42 4 1
42-7130	Gasket - Oil Seal	40 58 1	42-8120	Gasket - Nozzle Holder	37 35 3
42-7150	Gasket - Front Plate	39 9 1	42-8130	Pipe Assy. - Fuel Injection	42 7 1
42-7160	Pin - Dowel	42 21 1	42-8140	Pipe Assy. - Fuel Injection	42 11 1
42-7170	Plug - Expansion	43 51 1	42-8150	Pipe Assy. - Fuel Injection	42 12 1

\*Not Illustrated

# TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.	Part No.	Description	Pg. No.	Ref. No.	Qty.
42-8180	Fuel Return Pipe Assembly	42	33	1	42-8830	O-Ring	45	7	2
42-8190	Joint	42	35	2	42-8850	Oil Pump Assembly	43	*	1
42-8220	Holder - Delivery Valve	47	16	3	42-8900	Body - Oil Pump	43	48	1
42-8220	Holder - Delivery Valve	49	16	3	42-8910	Rotor Assembly - Oil Pump	43	45	1
42-8230	Spring - Delivery Valve	47	14	3	42-8920	Cover - Oil Pump	43	44	1
42-8230	Spring - Delivery Valve	49	14	3	42-8930	Spring - Relief	42	39	1
42-8240	Gasket - Delivery Valve	49	13	3	42-8940	O-Ring	43	46	1
42-8250	Delivery Valve Sub Assy.	47	12	3	42-8950	Gasket - Oil Pump Body	43	49	1
42-8250	Delivery Valve Sub Assy.	49	12	3	42-8960	Driven Unit - Speedometer	41	*	1
42-8260	Element Sub Assembly	47	11	3	42-8970	Pin - Spring	39	35	1
42-8260	Element Sub Assembly	49	11	3	42-8980	Sleeve - Gear	39	36	1
42-8270	Sleeve - Plunger Control	47	22	3	42-8990	O-Ring	39	37	1
42-8270	Sleeve - Plunger Control	49	22	3	42-9010	O-Ring	39	34	1
42-8280	Seat - Spring, Upper	47	23	3	42-9020	Plate - Locking	40	63	1
42-8280	Seat - Spring, Upper	49	23	3	42-9070	Pulley - Water Pump	38	56	1
42-8290	Spring - Pump Plunger	47	24	3	42-9080	Water Pump Assembly	38	60	1
42-8290	Spring - Pump Plunger	49	24	3	42-9090	Gasket - Water Pump	38	61	1
42-8300	Tappet Sub Asm.	47	27	3	42-9100	Belt Fan	34	21	1
42-8300	Tappet Sub Assembly	49	27	3	42-9110	Gasket	37	41	1
42-8310	Rack Assembly - Control	47	21	1	42-9120	Intake Manifold Assembly	37	6	1
42-8310	Rack Assembly - Control	49	21	1	42-9140	Gasket - Intake Manifold	37	7	1
42-8320	Seat - Spring, Lower	47	25	3	42-9150	Pipe Inlet	37	3	1
42-8320	Seat - Spring, Lower	49	25	3	42-9160	Gasket - Inlet Pipe	37	5	1
42-8330	O-Ring	49	15	3	42-9170	Gasket - Exhaust Manifold	37	39	1
42-8340	Pin - Tappet Guide	47	19	3	42-9180	Wire - Glow Plug Lead	37	26	2
42-8340	Pin - Tappet Guide	49	19	3	42-9190	Glow Lamp	3	14	1
42-8350	Plate	47	20	1	42-9200	Complete Gasket Set	38	*	1
42-8350	Plate	49	20	1	42-9210	Bolt - Bearing Cap	40	67	8
42-8360	Plate Assembly - Adjusting	47	18	2	42-9220	Screw - Cap, Hex. Hd.	40	56	6
42-8360	Plate Assembly - Adjusting	49	18	2	42-9230	Screw - Cap (8 x 16)	37	51	15
42-8370	Screw - Air Breather	47	8	1	42-9230	Screw - Cap, Hex. Hd.	42	32	2
42-8370	Screw - Air Breather	48	8	1	42-9230	Screw - Cap, Hex. Hd.	36	34	1
42-8380	Screw - Hollow	47	10	1	42-9230	Screw - Cap, Hex. Hd.	40	81	3
42-8380	Screw - Hollow	49	10	1	42-9240	Screw - Cap (12 x 28)	37	44	3
42-8440	Shim - Plate	47	*	A/R	42-9250	Screw - Cap, Hex. Hd.	39	14	4
42-8440	Shim - Plate	49	*	A/R	42-9260	Plug - Oil Drain	37	49	1
42-8450	Shim - Plate	47	*	A/R	42-9300	Screw - Cap (10 x 20)	38	64	2
42-8450	Shim - Plate	49	*	A/R	42-9310	Screw - Cap, Hex. Hd.	37	1	4
42-8460	Spring Return	46	6	1	42-9320	Bolt - Cylinder Head	37	31	8
42-8460	Spring Return	48	6	1	42-9350	Screw - Cap, Hex. Hd.	39	27	2
42-8650	Nut - Retaining	50	8	3	42-9360	Bolt	39	26	2
42-8670	Flange	50	2	3	42-9370	Screw - Cap, Hex. Hd.	39	42	1
42-8680	Nozzle Assembly	50	7	3	42-9390	Bolt (8 x 32)	37	33	6
42-8690	Metal - Sealing	44	1	1	42-9420	Bolt - High Speed Set	44	3	1
42-8700	Wire	44	2	1	42-9430	Screw - Cap, Hex. Hd.	44	14	3
42-8720	Sliding Shaft Assembly	44	13	1	42-9430	Screw - Cap, Hex. Hd.	45	14	3
42-8720	Sliding Shaft Assembly	45	13	1	42-9440	Screw - Cap, Hex. Hd.	39	39	1
42-8730	Governor Lever Assembly	44	20	1	42-9450	Bolt/Washer - Assembled	44	21	1
42-8730	Governor Lever Assembly	45	20	1	42-9450	Bolt/Washer - Assembled	45	21	1
42-8740	Spring - Tie Rod	44	11	1	42-9480	Screw - Cap, Hex. Hd.	43	43	3
42-8740	Spring - Tie Rod	45	11	1	42-9490	Screw - Cap (6 x 12)	38	58	4
42-8750	Tie Rod	44	12	1	42-9500	Screw - Cap (8 x 45)	38	55	3
42-8750	Tie Rod	45	12	1	42-9500	Screw - Cap, Hex. Hd.	41	87	8
42-8760	Governor Shaft	44	22	1	42-9510	Screw - Cap (8 x 60)	38	59	1
42-8760	Governor Shaft	45	22	1	42-9510	Screw - Cap, Hex. Hd.	34	46	2
42-8770	Lever - Governor Spring	44	8	2	42-9520	Screw - Cap (8 x 30)	37	43	5
42-8770	Lever - Governor Spring	45	8	2	42-9530	Screw - Cap (8 x 40)	38	66	1
42-8780	Speed Control Lever Assy.	44	6	1	42-9570	Stud (8 x 25)	37	38	5
42-8780	Speed Control Lever Assy.	45	6	1	42-9580	Nut	34	19	2
42-8790	Cover Assembly	44	29	1	42-9580	Nut	36	20	4
42-8790	Cover Assembly	45	29	1	42-9580	Nut	43	64	1
42-8800	Gasket Cover	44	30	1	42-9580	Nut (8)	37	19	3
42-8800	Gasket Cover	45	30	1	42-9580	Nut - Jam	44	10	2
42-8810	Pin - Grooved	44	5	2	42-9580	Nut - Jam	45	10	2
42-8810	Pin - Grooved	45	5	2	42-9590	Nut - Connecting Rod	40	61	6
42-8810	Pin - Grooved	44	32	1	42-9600	Washer - Lock	22	9	28
42-8810	Pin - Grooved	45	32	1	42-9600	Washer - Lock	36	25	4
42-8820	Governor Spring	44	23	1	42-9600	Washer - Lock	34	40	3
42-8820	Governor Spring	45	23	1	42-9600	Washer - Lock	38	65	2
42-8830	O-Ring	44	7	2	42-9600	Washer - Lock	38	67	2

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# TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
42-9600	Washer - Lock M10	20 42 24	43-2750	Nut	45 18 1
42-9600	Washer - Spring	39 25 3	43-2770	Lever - Stop	44 35 1
42-9620	Nut - Jam	39 29 6	43-2770	Lever - Stop	45 35 1
42-9640	Nut - Jam	44 36 1	43-2800	Screw - Cap, Hex. Hd.	44 24 1
42-9640	Nut - Jam	45 36 1	43-2800	Screw - Cap, Hex. Hd.	45 24 1
42-9660	Washer - Flat	42 23 6	43-2820	Sealing Cap	44 25 1
42-9660	Washer - Plain (8)	38 54 4	43-2820	Sealing Cap	45 25 1
42-9680	Washer	50 3 A/R	43-2830	Nut	44 4 1
42-9690	Washer	50 * A/R	43-2910	Plate - Ungleich Set	46 3 A/R
42-9700	Washer	50 * A/R	43-2920	Plate - Ungleich Set	46 * A/R
42-9710	Washer	50 * A/R	43-2930	Plate - Ungleich Set	46 * A/R
42-9720	Washer	50 * A/R	43-2940	Plate - Ungleich Set	46 * A/R
42-9730	Washer	50 *3 A/R	43-2950	Plate - Ungleich Set	46 * A/R
42-9740	Washer	50 * A/R	43-3000	Plate - Smoke Set	48 * A/R
42-9750	Washer	50 * A/R	43-3010	Plate - Smoke Set	46 * A/R
42-9770	Washer	47 9 1	43-3010	Plate - Smoke Set	48 * A/R
42-9770	Washer	49 9 1	43-3020	Plate - Smoke Set	46 * A/R
42-9790	Washer - Head Bolt	37 32 8	43-3020	Plate - Smoke Set	48 7 A/R
42-9800	Washer	37 20 2	43-3030	Plate - Smoke Set	46 * A/R
42-9810	Washer - Flat	41 86 1	43-3040	Plate - Smoke Set	46 * A/R
42-9820	Washer	43 73 1	43-3050	Plate - Smoke Set	46 * A/R
42-9830	Washer - Seal	42 3 2	43-3060	Plate - Smoke Set	46 * A/R
42-9850	Washer - Lock	37 2 24	43-3070	Plate - Smoke Set	46 * A/R
42-9850	Washer - Lock	39 7 5	43-3110	Spring - Ungleich Set	46 2 1
42-9850	Washer - Lock	44 9 2	43-3110	Spring - Ungleich Set	48 2 1
42-9850	Washer - Lock	45 9 2	43-3120	Washer - Seal	44 27 1
42-9850	Washer - Lock	42 31 7	43-3120	Washer - Seal	45 27 1
42-9850	Washer - Lock M8	20 34 8	43-3130	Hose - Water	37 13 1
42-9850	Washer - Lock, M8	22 29 28	43-3140	Clamp - Hose	37 12 2
42-9860	Washer - Spring	40 85 1	43-3150	Bolt/Washer - Assembled	47 17 2
43-0080	Nut - Set	51 10 1	43-3150	Bolt/Washer - Assembled	49 17 2
43-0090	Screw - Cap (10 x 25)	37 48 2	43-3160	Screw - Adjusting	44 33 1
43-0120	Screw - Set	51 3 1	43-3160	Screw - Adjusting	45 33 1
43-0190	Spring Set	52 4 1	43-3190	Screw - Cap, Hex. Hd.	34 41 3
43-0370	Shim	43 65 A/R	43-3200	Screw - Cap, Hex. Hd.	36 24 4
43-0380	Spacer	43 66 1	43-3210	Screw - Cap, Hex. Hd.	34 28 4
43-0390	Alternator	43 67 1	43-3320	Foam - Radiator	5 20 2
43-0400	Brace - Alternator	43 71 1	43-3330	Radiator Shroud	5 14 1
43-0410	Regulator Assembly	3 25 1	43-3340	Grille - Sealing Plate	5 32 1
43-0420	Pulley Assembly	51 2 1	43-3350	Hose - Upper, Radiator	5 12 1
43-0430	Bracket Assembly Front	51 4 1	43-3510	Pulley - Engine	34 27 1
43-0470	Stator	51 9 1	43-3530	Pulley Flywheel	36 26 1
43-0480	Rear Bracket Assembly	51 14 1	43-3690	Fan - Shaft	36 2 1
43-0490	Holder Assembly Brush	51 11 1	43-3700	Hub - Fan	36 4 1
43-0500	Brush	51 12 2	43-3720	Collar - Bearing	34 32 1
43-0520	Rectifier Assembly	51 13 1	43-3730	Bracket Throttle Control	35 52 1
43-1440	Engine	34 13 1	43-3760	Lever - Throttle	35 54 1
43-1710	Valve Assembly	30 13 1	43-3770	Link - Throttle	34 1 1
43-1730	Body	33 7 1	43-3780	Swivel - Throttle Control	34 9 1
43-1770	Plate - Rear	37 46 1	43-3790	Bracket - Belt Guide	34 48 1
43-1790	Fitting - Thermostat	37 10 1	43-3810	Tube - Air Cleaner	53 18 1
43-1800	Flywheel	40 53 1	43-3820	Spacer	3 34 1
43-1810	Gear - Ring	40 54 1	43-3850	Muffler	36 17 1
43-1870	Manifold - Exhaust	37 42 1	43-3860	Shaft - Pivot P.T.O.	8 9 1
43-1880	Control Unit Assembly	3 27 1	43-3870	Support - Muffler	36 8 1
43-1900	Screw - Cap, Hex. Hd.	43 68 1	43-3880	Pulley	36 10 1
43-1911	Fan - Cooling	36 1 1	43-3900	Guard - Fan Belt	7 5 1
43-1940	Adapter - Temp. Gauge	34 11 1	43-3970	Panel - Instrument	3 16 1
43-2550	Filter	6 15 1	43-3980	Decal - Panel, Instrument	3 46 1
43-2560	Gasket	6 16 1	43-3990	Throttle Control	3 23 1
43-2570	Gasket	6 14 1	43-4000	Circuit Breaker	3 21 1
43-2580	Magnet	6 17 1	43-4010	Wire Assembly	4 4 2
43-2600	Capscrew	42 10 2	43-4040	Wire Assembly	4 3 1
43-2710	O-Ring	42 19 1	43-4150	Fuel Tank	15 4 1
43-2720	Mold	51 16 1	43-4160	Fitting - Return & Vent	15 13 1
43-2730	Solenoid - Tubular	44 17 1	43-4190	Fitting Assembly	15 28 1
43-2730	Solenoid - Tubular	45 17 1	43-4230	Hose	35 56 1
43-2740	Gasket	44 19 1	43-4230	Hose - Return	15 15 1
43-2740	Gasket	45 19 1	43-4300	Trim - Frame, Rear	2 35 2
43-2750	Nut	44 18 1	43-5500	Pivot P.T.O.	8 31 1

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# TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.	Part No.	Description	Pg. No.	Ref. No.	Qty.
43-5540	Shaft - P.T.O.	8	43	1	47-7420	Hose	35	55	1
43-5550	Shaft - P.T.O. Actuator	8	32	1	48-1800	Cylinder Block Kit	28	5	2
43-5570	Arm - P.T.O. Actuator	8	38	1	48-1980	Gasket	40	78	1
43-5630	Yoke - P.T.O.	8	51	1	48-1990	Nut - Jam	40	77	1
43-5690	Hose - Vent, Fuel Tank	15	16	1	48-2010	Screen - Assembly Oil	40	76	1
43-5910	V-Belt	36	11	1	48-2020	Cylinder Block Sub Assy.	38	62	1
43-5920	Washer - Lock	51	17	1	48-7630	Screw - Cap Hex. Hd.	35	63	2
43-5920	Washer - Lock	43	63	1	48-7710	Screw - Cap, M8 x 20	22	39	4
43-5930	Washer - Lock	42	9	1	48-7730	Screw - HH	19	46	4
43-5930	Washer - Lock	22	14	12	48-7780	Screw - Cap, Hex. Hd.	19	16	8
43-5930	Washer - Lock	44	15	4	48-7960	Nut	19	27	2
43-5930	Washer - Lock	45	15	4	48-9220	Washer - Flat	19	17	8
43-5930	Washer - Lock	39	28	2	48-9460	Bolt - Hex. Hd.	20	35	4
43-5930	Washer - Lock	38	57	4	48-9460	Screw - Cap, M8 x 25	22	28	20
43-5930	Washer - Lock	35	64	2	48-9470	Bolt - M10 x 30	21	43	24
43-5950	Washer - Lock	34	26	4	48-9470	Screw - Cap, M10 x 30	22	10	4
43-5960	Nut - Special	44	26	1	49-8520	Kit - Implement Relief	29	63	1
43-5960	Nut - Special	45	26	1	51-7500	Spring - Pressure	50	4	3
43-5970	Nut	43	62	1	51-7520	Piece - Distance	50	6	3
43-6240	Shim - Plate	47	* A/R		51-7740	Stopper	52	20	1
43-6240	Shim - Plate	49	* A/R		51-7780	Cover Set	52	16	1
43-6470	Nut	40	84	1	51-7810	Brush Holder Assembly	52	13	1
43-6710	Shim .003 - Diff. Adjust.	16	15 A/R		51-7820	Spring - Brush	52	12	4
43-6711	Shim .005 - Diff. Adjust.	16	16 A/R		51-7830	Bracket - Rear	52	14	1
43-6712	Shim .010 - Diff. Adjust.	16	17 A/R		51-7850	Nut Set	51	1	1
43-6713	Shim .030 - Diff. Adjust.	16	18 A/R		51-7890	Screw - Set	51	19	1
43-6750	Cup - Bearing, Tapered	16	10	1	51-7910	Rotor Assembly	51	7	1
43-6760	Cone - Bearing, Tapered	16	9	1	51-7920	Bearing - Rear	51	8	1
43-6810	Torque - Spider	18	6	2	52-1321	Decal - Fuel, Diesel	2	34	1
43-6840	Housing - Lower	17	36	1	53-4430	Decal - Oil	15	42	1
43-7020	Hose - Lower, Radiator	5	19	1	53-8150	Pump Assy. Fuel, Electric	6	13	1
43-8600	Spring - Compression	7	25	1	53-9480	Washer	36	28	2
43-8600	Spring - Compression	9	66	1	53-9480	Washer	34	39	2
43-8610	Guide - Spring & Ball Seat	8	5	1	53-9660	V-Belt Torque Team	8	12	1
43-8610	Guide - Spring & Ball Seat	7	24	1	53-9680	Engine Mount - Rubber	34	23	2
43-8620	Guide - Switch Pin	7	27	1	53-9680	Engine Mount - Rubber	36	29	2
43-8620	Guide - Switch Pin	9	68	1	53-9710	Engine Mount	34	22	2
43-8860	Plunger - Switch	7	26	1	53-9750	Fan Mount	36	6	1
43-8860	Plunger - Switch	9	67	1	54-7890	Pump Housing	28	22	1
43-8870	Boot - Switch	7	30	1	54-8660	Washer	43	69	1
43-8870	Boot - Switch	9	71	1	54-8670	Bolt - Flywheel	40	52	5
43-9071	Assembly - Switch	7	* 1		54-8680	Shim - Plate	47	* A/R	
43-9071	Assembly - Switch	9	* 1		54-8680	Shim - Plate	49	* A/R	
44-2210	Warning Light	3	8	1	54-8690	Shim - Plate	47	* A/R	
44-2220	Wire Lead	3	6	1	54-8690	Shim - Plate	49	* A/R	
44-2230	Coupling - Rubber	26	26	4	54-8700	Plate - Smoke Set	46	7 A/R	
44-8070	Nozzle & Holder Assembly	37	34	3	54-8700	Plate - Smoke Set	48	7 A/R	
44-8080	Body	50	1	3	54-8740	Plate - Smoke Set	46	* A/R	
44-8090	Lever Assembly Stop	44	31	1	54-8750	Plate - Smoke Set	46	* A/R	
44-8090	Lever Assembly Stop	45	31	1	54-8760	Plate - Smoke Set	46	* A/R	
44-8100	Spring Return	44	34	1	54-8770	Plate - Smoke Set	46	* A/R	
44-8100	Spring Return	45	34	1	54-8780	E-Ring	46	5	1
46-7610	Starter Assembly	37	47	1	54-8780	E-Ring	48	5	1
46-7630	Bracket Assembly - Front	52	2	1	54-9180	Kit - Universal Joint	23	2	2
46-7640	Lever Assembly	52	3	1	54-9290	Bracket	26	37	2
46-7650	Bracket Assembly - Center	52	5	1	54-9300	Cover - Pump Shaft	27	66	1
46-7660	Switch Assembly	52	6	1	55-3572	Fuel Cap	15	18	1
46-7670	Armature Set	52	8	1	55-4300	Warning Decal	54	12	3
46-7680	Bearing - Front	52	7	1	56-0220	Pin - Dowel	39	13	2
46-7710	Shaft Assembly - Clutch	52	* 1		56-0750	Clamp	42	8	2
46-7720	Pinion Set	52	19	1	56-0760	Clamp	42	13	2
46-7740	Gear Set	52	* 1		56-0900	Plate - Smoke Set	48	* A/R	
46-7750	Shaft Assembly Pinion	52	18	1	56-0910	Plate - Smoke Set	48	* A/R	
46-7760	Gear	52	17	1	56-0920	Plate - Smoke Set	48	* A/R	
46-7780	Yoke Assembly	52	11	1	56-0930	Plate - Smoke Set	48	* A/R	
46-8050	Packing	52	10	1	56-0950	Plate - Smoke Set	46	* A/R	
46-8400	Bearing - Needle	29	53	2	56-0950	Plate - Smoke Set	48	* A/R	
46-8410	Motor Shaft	29	58	1	56-0960	Plate - Smoke Set	46	*7 A/R	
46-8810	Stop - Leaf, Spring	26	6	1	56-0970	Plate - Smoke Set	46	* A/R	
46-8840	Spring - Lift Arm	54	14	1	56-0990	Plate - Smoke Set	48	* A/R	

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Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
56-1000	Plate - Smoke Set	48 * A/R	67-2860	Bolt - Connecting Rod	40 50 6
56-1010	Plate - Smoke Set	48 * A/R	67-4040	Weight Assy. - Governor	44 16 1
56-1310	Oil Pressure Switch Assy.	43 41 1	67-4040	Weight Assy. - Governor	45 16 1
56-2120	Screw - Cap Hex. Hd.	43 74 1	67-4330	Filter Assembly - Oil	43 42 1
56-2460	Washer - Flat	24 36 A/R	67-4660	Screw - Cap, Flange Hd.	43 70 1
56-2460	Washer - Flat	19 41 A/R	67-5450	Piston	32 6 1
60-5400	Bearing - Rear	52 9 1	67-5460	Head	32 5 1
60-9760	Nut	31 7 1	67-5470	Ring - Retaining	32 4 1
60-9760	Nut - Hex	32 7 1	67-5480	Shaft	32 2 1
60-9770	Piston	31 6 1	67-5500	Repair Kit	32 3 1
60-9780	Head	31 5 1	67-8020	Pump Shaft	28 20 1
61-4960	Repair Kit	31 3 1	67-8050	Bearing - Needle	28 35 1
61-4980	Shaft - w/Clevis	31 2 1	67-8190	Bracket - Engine Support	7 12 2
61-4990	Ring - Retaining	31 4 1	67-8690	Support - Column	12 7 1
62-3010	Bracket, R.H.	7 4 1	67-8960	Weight - Rear	24 11 1
62-3020	Bracket, L.H.	7 10 1	67-9030	Grille	5 36 1
62-3740	Plate - Front	39 6 1	67-9080	Housing - Motor	28 4 1
62-4250	Cylinder - Hydraulic	30 21 1	67-9090	Plug	28 42 2
62-4260	Drive Shaft Assembly	8 44 1	67-9100	Gasket	28 10 1
62-6840	Sender - Fuel Level	15 12 1	67-9800	Bumper	54 37 1
62-6940	Cap	44 37 1	68-5140	Cap - Wheel, Steering	12 46 1
62-6940	Cap	45 37 1	68-5370	Decal - Toro	12 1 1
62-7020	23x10.5x12 Tire Assembly	15 * 2	68-6824	Rear Axle Assembly	19 1 1
62-7650	Gasket	15 8 1	68-6870	Rod End	19 7 1
63-1400	Belt Guide	35 58 1	68-6910	Arm - R.H., Steering	19 2 1
63-7590	Relay	3 42 1	68-6930	Arm - L.H., Steering	19 18 1
63-8280	Head Assembly	6 5 1	68-6990	Stop - Oscillation	19 15 2
63-8290	Vent	6 3 1	68-7010	Flange	16 22 1
63-8300	Element - Fuel Filter	6 10 1	68-8610	Fender - Extension	2 45 1
63-8310	Drain Valve	6 11 1	68-8660	Elbow - Fitting	26 39 1
63-8360	Key	3 11 1	68-8990	Head - Filter	26 42 1
63-8960	Hose Assembly	5 30 1	68-9110	Shim	36 37 A/R
63-8970	Hose - Trans. to Steering	12 14 1	68-9111	Shim	36 * A/R
63-8980	Hose - Aux. to Valve	12 22 1	68-9112	Shim	36 * A/R
63-8990	Hose	30 15 1	68-9160	Bracket	5 27 1
63-8990	Hose	12 23 1	68-9650	Hose - Axle	26 46 1
63-9010	Hose Assembly	5 24 1	68-9710	Hose Assy. - Steering	24 22 1
63-9230	Battery - Type MF214-78	1 15 1	68-9720	Hose - Cylinder to Steering	12 19 1
63-9260	Manifold - Valve	30 17 1	68-9730	Hose - Steering to Cylinder	12 18 1
63-9640	Hose - Fuel	15 27 1	68-9760	Fuel Tank Base	15 2 1
63-9650	Hose	6 20 1	70-1180	Cable - Battery, Positive	1 20 1
63-9720	Hose	6 7 1	70-1190	Cable - Ground	3 43 1
66-1250	Cylinder - Hydraulic	30 * 1	70-1190	Ground Cable	4 5 1
66-1930	Nut	25 10 1	70-1380	Sleeve - Protective	12 17 1
66-3160	Screw - Cap, Hex. Hd.	42 14 3	70-1390	Sleeve - Protective	12 15 1
66-3160	Screw - Cap, Hex. Hd.	42 14 4	70-2200	Decal - Toro	1 2 1
66-3240	Radiator Cap Assy.	5 4 1	70-2560	Decal - Lube	19 26 1
66-5310	Idler Pulley	36 18 1	70-2620	Elbow - Fitting	26 48 1
66-5320	Spacer	36 19 1	70-2810	Spring - Brush	51 15 1
66-6140	Decal - Toro	5 7 1	70-3320	Bearing - Front	51 5 1
66-6370	Lift Arm	54 1 1	70-3970	Shim - Plate	47 26 A/R
66-6390	Decal - Caution	1 5 1	70-3970	Shim - Plate	49 26 A/R
66-7030	Screw - Cap, w/Washer	36 32 2	70-4070	Shim - Plate	49 * A/R
66-7150	Push Arm R.H.	54 9 1	70-4070	Shim - Plate	47 26 A/R
66-9760	Nut - Hex.	12 2 1	70-4080	Shim - Plate	47 * A/R
66-9970	Spring Kit	13 * 1	70-4080	Shim - Plate	49 26 A/R
66-9980	Seal Kit	13 * 1	70-4090	Shim - Plate	47 * A/R
66-9990	Needle Roller Kit	13 * 1	70-4090	Shim - Plate	49 * A/R
67-1710	Decal - Caution	1 28 1	70-4100	Shim - Plate	47 * A/R
67-1720	Decal - Torque	2 44 2	70-4100	Shim - Plate	49 * A/R
67-1750	Bushing	19 13 2	70-4240	E-Ring	46 1 1
67-2340	Screw - Cap, w/Washer	39 8 2	70-4240	E-Ring	48 1 1
67-2390	Plug - Taper	39 12 3	71-4330	Seal	16 23 1
67-2390	Plug - Taper	42 36 1	71-4340	Washer	16 21 1
67-2500	Plunger - Relief	42 40 1	71-4350	Nut	16 20 1
67-2520	Plug	42 38 1	71-4400	Coupling - Drive	26 27 1
67-2560	Screw - Cap, Hex. Hd.	44 28 3	71-4410	Spacer - Coupling, Rubber	26 31 2
67-2560	Screw - Cap, Hex. Hd.	45 28 3	71-4411	Spacer - Coupling, Rubber	26 29 6
67-2570	Plug - Taper	42 25 1	71-4430	Hose Assy. - Steering	24 21 1
67-2570	Plug - Taper 1/8	37 37 1	71-4450	Bolt - Wheel	19 23 10

\*Not Illustrated

# TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.	Part No.	Description	Pg. No.	Ref. No.	Qty.
71-4530	Tie Rod Assembly	19	*	1	72-4950	Gear - Pinion	20	10	2
71-4540	Washer - Thrust	19	14	1	72-4960	Shim .1 mm	20	5	1
71-4540	Washer - Thrust	24	15	2	72-4970	Shim .15 mm	20	*	1
71-4551	Driveshaft (Complete)	23	*	1	72-4980	Shim .5 mm	20	*	1
71-4570	Housing - Clutch	19	33	1	72-4990	Shim .8 mm	20	*	1
71-4580	Clutch - Roller	19	31	2	72-5000	Shim 1.0 mm	20	*	1
71-4590	Washer - Thrust	19	30	2	72-5010	Shim 1.2 mm	20	*	1
71-4690	Screw - Cap, Hex. Hd.	19	28	2	72-5020	Shaft - Pinion	21	47	1
71-4740	Rod End	19	20	2	72-5030	Pin - Dowel	21	45	2
71-4750	Tube & Clamp Assembly	19	12	1	72-5040	Washer - Gear	20	11	1
71-4760	Seal - Rod	19	8	3	72-5050	Tube - Axle RH	20	16	1
72-3410	Yoke - Flange	23	1	1	72-5060	Axle - RH	20	17	1
72-3420	Shaft - Yoke, Slip	23	3	1	72-5090	Gear - Bevel	22	18	2
72-3431	Tube - Yoke, Slip	23	5	1	72-5090	Gear - Bevel	20	21	2
72-3440	Yoke - Shaft	23	6	1	72-5100	Spacer	20	20	2
72-3540	Valve - Relief Adj.	26	*	1	72-5110	Tube - Axle LH	21	44	1
72-3550	Tube Assembly	26	20	1	72-5120	Axle - LH	20	41	1
72-3560	Decal - 4 WD	2	43	2	72-5130	Vent	20	23	1
72-3570	Shim .094 - Diff. Adjust.	16	24	A/R	72-5140	O-Ring	20	25	1
72-3571	Shim .096 - Diff. Adjust.	16	*	A/R	72-5150	Plug	20	26	1
72-3572	Shim .098 - Diff. Adjust.	16	*	A/R	72-5160	Shim .1mm	20	29	1
72-3573	Shim .100 - Diff. Adjust.	16	24	A/R	72-5170	Shim .15 mm	20	*	1
72-3574	Shim .102 - Diff. Adjust.	16	*	A/R	72-5180	Shim .5 mm	20	*	1
72-3575	Shim .104 - Diff. Adjust.	16	*	A/R	72-5190	Shim .8 mm	20	*	1
72-3576	Shim .106 - Diff. Adjust.	16	*	A/R	72-5200	Shim 1.0 mm	20	*	1
72-3577	Shim .108 - Diff. Adjust.	16	*	A/R	72-5210	Shim 1.2 mm	20	*	1
72-3578	Shim .110 - Diff. Adjust.	16	*	A/R	72-5360	Ring - Retaining	20	19	2
72-3580	Shim .112 - Diff. Adjust.	16	*	A/R	72-5370	Ring - Retaining	20	22	2
72-3581	Shim .114 - Diff. Adjust.	16	*	A/R	72-5440	Pin - Spring	21	46	1
72-3582	Shim .116 - Diff. Adjust.	16	*	A/R	72-5460	O-Ring	20	32	1
72-3583	Shim .118 - Diff. Adjust.	16	*	A/R	72-5540	Case - Knuckle	22	30	2
72-3584	Shim .120 - Diff. Adjust.	16	*	A/R	72-5550	Cover	22	26	2
72-3585	Shim .125 - Diff. Adjust.	16	*	A/R	72-5560	Pin - King, Knuckle	22	20	2
72-3586	Shim .127 - Diff. Adjust.	16	*	A/R	72-5570	Shaft - Axle, Outer	22	35	2
72-3587	Shim .129 - Diff. Adjust.	16	*	A/R	72-5580	Gear - Bevel	22	5	4
72-3588	Shim .131 - Diff. Adjust.	16	*	A/R	72-5590	Retainer - Bearing	22	15	2
72-3590	Shim .133 - Diff. Adjust.	16	*	A/R	72-5630	Gasket	22	16	2
72-3591	Shim .135 - Diff. Adjust.	16	*	A/R	72-5650	Hub - Wheel	22	34	2
72-3592	Shim .137 - Diff. Adjust.	16	*	A/R	72-5660	Washer - Shaft, Wheel	22	33	2
72-3593	Shim .139 - Diff. Adjust.	16	*	A/R	72-5680	Spacer	22	19	2
72-3594	Shim .141 - Diff. Adjust.	16	*	A/R	72-5720	Ring - Retaining	22	4	2
72-3595	Shim .143 - Diff. Adjust.	16	*	A/R	72-5730	Seal - Oil	22	24	4
72-3596	Shim .145 - Diff. Adjust.	16	*	A/R	72-5740	Seal - Oil	22	2	2
72-3597	Shim .147 - Diff. Adjust.	16	*	A/R	72-5770	Nut - Castle	22	32	2
72-3598	Shim .149 - Diff. Adjust.	16	*	A/R	72-5780	Key	22	36	2
72-3600	Shim .151 - Diff. Adjust.	16	*	A/R	72-5790	Screw - Cap, M6 x 18	22	13	12
72-3690	Fender	1	10	2	72-5800	Bolt	20	1	8
72-3700	Decal - Caution	2	50	2	72-5810	Bolt	20	7	8
72-3710	Body - Valve, Relief	26	17	1	72-5820	Plug	20	28	1
72-3720	Cartridge - Valve, Relief	26	18	1	72-5840	Gasket	20	27	1
72-3730	Seal Kit (Relief Valve)	26	*	1	72-6950	Retainer - Oil Level Guide	42	20	1
72-3750	Bearing - Ball	28	2	1	72-9420	Vent Assembly	17	41	1
72-4200	Ring - Set - Piston Std.	39	44	3	74-0720	Tube - Manual	7	2	1
72-4210	Ring Set - Piston	39	45	3	75-0170	Plug	29	61	4
72-4220	Ring Set - Piston	39	46	3	75-0560	Wheel - Steering	12	3	1
72-4230	Ring Set - Piston	39	47	3	75-9890	Washer - Shim	9	75	A/R
72-4240	Piston & Piston Pin Std.	40	48	3	75-9900	Engine Support - Front	34	29	1
72-4250	Piston & Piston Pin	40	*	3	76-1900	O-Ring	28	18	2
72-4260	Piston & Piston Pin	40	*	3	76-4690	Coupling - Axle	19	37	1
72-4270	Piston & Piston Pin	40	*	3	77-3100	Decal - Warning	5	11	3
72-4280	Camshaft	43	59	1	77-3120	Bracket - Mount, Column	12	9	1
72-4320	Switch - Ball	8	3	1	77-3140	Engine Mount	36	22	1
72-4320	Switch - Ball	7	20	1	80-0060	Hose - Air Cleaner	53	10	1
72-4870	Case - Differential	20	24	1	80-2880	Bracket - Steering, Tilt	12	40	1
72-4880	Cover	20	2	1	80-2930	Washer	12	39	1
72-4890	O-Ring	20	3	1	80-2940	Plate - Pivot	12	29	1
72-4900	Case - Differential	20	8	1	80-2960	Spacer - Tower	12	10	2
72-4910	Flange - Case	20	12	1	80-2980	Boss - Pin	12	32	1
72-4930	Gear - Side	20	9	1	80-3330	Gasket	53	12	1
72-4940	Gear - Side	20	40	1	82-2590	Plug - Thrust	41	88	1

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# TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
82-8650	Clamp - Half	12 37 1	92-8918	Center Section	29 55 1
82-8660	Cover - Tower	12 5 1	92-8941	Barrel Assembly	25 11 1
82-8670	Rod - Brake Latch	10 10 1	92-8942	Rod	25 1 1
82-8760	Elbow	12 12 1	92-8943	Piston	25 9 1
82-8770	Elbow	12 21 1	92-8944	Head - Internal	25 4 1
82-8930	Decal - Parking Brake	10 12 1	92-8945	Kit - Seal	25 * 1
82-8940	Decal - Steering, Tilt	12 44 1	92-8947	Transmission - Inline	27 50 1
82-8970	Decal - Engine Coolant	5 3 1	93-0312	Washer - Hardened	29 60 4
82-9010	Disc - Friction	12 38 1	93-1351	Valve - Intake	39 16 3
83-5330	Washer - Bearing	20 38 1	93-1352	Valve - Exhaust	39 17 3
83-5340	Nut - Bearing	20 37 1	93-1353	Lever - Steering, Tilt	12 34 1
83-5350	Case - Bearing	20 33 1	93-1369	Head Assembly - Cylinder	37 8 1
83-5360	Seal - Oil	20 36 1	93-1395	Plate - Skid	19 45 2
83-5370	Ring & Pinion Assembly	21 * 1	93-3180	Bolt - Cylinder Head	37 25 3
83-7260	Relief Valve Cone	28 31 2	93-3181	Pin - Pressure	50 5 3
83-9150	Decal - Starting Fluid	53 19 1	93-3183	Tool Box	2 42 1
84-5330	Bracket - Hood Prop	5 40 1	93-3185	Cover	2 55 1
84-5380	Strap - Hood Prop	5 41 1	93-3188	Decal - 325-D	5 8 2
84-8500	Lever - P.T.O.	8 2 1	93-3387	Bearing Set	40 64 1
84-8520	Bracket - P.T.O. Switch	8 6 1	93-3388	Bearing Set - Crankshaft	40 * 1
84-8600	Shoe & Lining Assembly	18 9 1	93-3409	Bearing - Ball	43 53 1
86-7040	Rod - Seat Prop	7 32 1	93-3465	Gasket - Delivery Valve	47 13 3
86-7050	Bracket - Switch Actuator	9 73 1	93-3474	O-Ring	47 15 3
86-7060	Bracket - Hood Hold Down	5 47 1	93-3524	Thermostat	37 14 1
86-7220	Gear - Output, Trans.	27 52 1	93-3654	Screw	51 18 1
86-7230	Gear - Spur	16 14 1	93-3655	Screw - Set	52 1 1
86-8100	Ball Joint Assembly	54 33 2	93-3656	Gasket - Pump, Water	38 68 1
86-9410	Support - Seat	5 45 1	93-3657	Pin - Dowel	43 47 2
86-9610	Assembly - Carrier	17 28 1	93-3664	Seal - O-Ring	20 14 2
86-9630	Front Axle Assembly	15 35 1	93-3665	Seal - O-Ring	20 15 2
88-0070	Plate - Floor	2 49 1	93-3666	Gear Box - Axle	22 23 2
88-0470	Tube - Pedal Spacer	11 49 1	93-3667	Case - Knuckle	22 38 2
88-1640	Pin - Traction Pedal	10 20 1	93-3668	Washer - Thrust	22 21 2
88-1650	Shaft - Traction Pedal	10 22 1	93-3669	Bearing - Needle	22 22 2
88-1670	Bracket - Pivot	10 23 1	93-3670	Seal - O-Ring	22 1 4
88-1680	Bracket - Footrest	10 48 1	93-3671	Pin - Dowel	22 7 4
88-1710	Footrest	11 50 1	93-3672	Arm - Knuckle	22 8 2
88-1720	Pad - Footrest	11 51 1	93-3685	Pipe - Air Breather	37 16 1
88-1790	Wire Harness Assembly	4 2 1	93-3687	Bolt Set	52 15 1
88-1820	Radiator Support	5 35 1	93-3688	Cap - Shipping	39 31 1
88-8220	By-Pass Valve	28 15 1	93-3689	Case - Gear	39 4 1
92-1676	Gear & Pinion Assembly	17 * 1	93-3769	Clevis Pin	8 26 1
92-1773	Screw - Cap, Hex. Hd.	16 11 4	93-4132	O-Ring	29 54 2
92-1774	Seal - Oil	18 2 2	93-4133	Lip Seal	28 36 1
92-1961	Seal - Valve Stem	39 18 6	93-7042	Cover - Guard, Flywheel	24 16 1
92-4058	Arm - P.T.O.	8 30 1	93-7416	Insert - Shield, Dust	18 20 2
92-4060	Fork P.T.O.	8 24 1	94-2689	Frame	1 3 1
92-4902	Upper Housing Assy. 4WD	17 * 1	94-3304	Pedal - Traction	10 18 1
92-5723	Bushing - P.T.O. Fork	8 23 2	94-3307	Pad - Front Pedal	10 47 1
92-5727	Screw - Cap, Hex. Hd.	8 22 2	94-3308	Pad - Rear Pedal	10 19 1
92-5838	Ball - Joint	24 23 1	94-6934	Screw - Cap, Hex. Hd.	18 21 8
92-7308	Valve - Steering, Power	12 25 1	94-6935	Nut - Lock	18 18 8
92-7310	Bolt - Special	13 36 4	94-6936	Washer	18 23 8
92-7314	Assembly - Column	13 * 1	94-9160	Engine	34 13 1
92-7315	Seal	13 28 1	95-1566	Plate - Ungleich Set	48 3 A/R
92-7316	Nut - Push On	13 38 4	95-1567	Plate - Ungleich Set	48 * A/R
92-7317	Foam	13 39 1	95-1568	Plate - Ungleich Set	48 * A/R
92-7800	Cover - Access, Battery	1 32 1	95-1569	Plate - Ungleich Set	48 * A/R
92-7801	Shield - Battery Cover	2 54 1	95-1570	Plate - Ungleich Set	48 * A/R
92-7802	Decal - Instructions, Start.	1 31 1	95-1571	Plate - Ungleich Set	48 * A/R
92-7803	Support - Axle	24 9 1	95-1572	Plate - Ungleich Set	48 * A/R
92-7807	Pin - Axle, Rear	24 7 1	95-1573	Plate - Smoke Set	48 * A/R
92-7810	Cross Member	24 26 1	95-1574	Plate - Smoke Set	48 * A/R
92-7829	Cylinder - Hyd., Steering	24 32 1	95-1576	Plate - Smoke Set	48 * A/R
92-7833	Hose - (Valve to Cylinder)	30 19 1	95-1821	Spring - Compression	10 9 1
92-7834	Hose	30 22 1	212-93	Wire Clip	7 18 2
92-7839	Sleeve - Protective, Short	24 33 1	212-93	Wire Clip	9 53 1
92-7840	Sleeve - Protective, Long	24 37 1	217-106	Wheel	19 24 2
92-8775	Gasket - Kit Liquid	18 * 1	217-116	Rim - 23x10.5x12	15 * 2
92-8777	O-Ring	29 62 4	217-117	Rim	15 33 2

\*Not Illustrated

# TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.	Part No.	Description	Pg. No.	Ref. No.	Qty.
218-461	Nut - Jam	7	29	1	251-263	Bearing - Ball	22	25	2
218-461	Nut - Jam	9	70	2	251-344	Bearing - Ball	20	4	1
218-473	Toggle Switch Boot	3	17	1	251-345	Bearing - Ball	20	13	1
218-515	Mounting Bracket	3	39	1	251-347	Bearing - Ball	22	12	2
218-533	Lens	3	9	1	251-348	Bearing - Ball	22	3	2
218-539	Clamp	3	13	1	251-349	Bearing - Ball	22	17	2
231-90	Tube - Inner	15	*	2	251-350	Bearing - Ball	20	18	2
231-95	Tire - 23x10.5x12	15	*	2	252-82	Bearing - Needle	28	23	2
231-101	Tire	15	31	2	253-155	Seal	19	34	2
231-122	Tire	19	22	2	254-65	Cone - Bearing, Tapered	17	30	2
232-27	Valve Stem	15	*	1	254-66	Cup - Bearing, Tapered	17	29	2
232-31	Stem - Valve	19	25	2	254-90	Cup - Bearing	17	26	1
232-31	Valve Stem w/Cap	15	34	2	254-91	Cone - Bearing	16	25	1
233-17	Knob	10	11	1	254-108	Bearing - Tapered Roller	20	31	1
233-21	Knob	30	3	1	254-109	Bearing - Tapered Roller	20	39	1
233-35	Knob	3	7	2	256-10	Bushing	10	43	4
237-7	Seal - O-Ring	7	28	1	256-113	Bushing	8	47	4
237-7	Seal - O-Ring	9	69	1	256-126	Bushing	54	16	6
237-21	O-Ring	26	14	3	256-156	Bushing	10	6	5
237-22	O-Ring	28	13	1	281-1	Plug - Taper	42	16	1
237-22	O-Ring	12	20	3	281-7	Plug - Pipe, Square Hd.	22	37	2
237-22	O-Ring	24	20	2	281-10	Plug - Socket, Hex.	22	27	2
237-22	O-Ring	30	29	2	283-10	Pin	54	40	3
237-22	O-Ring	27	64	1	283-17	Pin	30	26	1
237-30	O-Ring	12	13	3	283-42	Clevis Pin	8	7	1
237-30	O-Ring	30	30	2	283-58	Pin - Clevis	10	14	2
237-30	O-Ring	27	65	1	283-76	Pin - Lynch	5	39	1
237-30	Seal - O-Ring	8	4	1	284-3	Plug - Welch	19	36	1
237-30	Seal - O-Ring	7	23	1	285-17	Pipe Plug	28	12	4
237-42	O-Ring	33	2	2	289-37	Nipple - Pipe	15	40	1
237-42	O-Ring	30	31	2	2811-9	Street Elbow	15	39	1
237-42	O-Ring	27	63	2	302-2	Grease Fitting	8	39	1
237-78	O-Ring	26	16	4	302-5	Fitting - Grease	19	32	1
237-78	O-Ring	24	30	2	302-5	Fitting - Grease	54	13	1
237-78	O-Ring	30	32	2	302-5	Fitting - Grease	54	34	2
237-80	O-Ring	28	33	1	302-5	Fitting - Grease	10	44	2
237-80	O-Ring	26	38	1	302-10	Fitting - Grease	8	10	1
237-81	O-Ring	26	40	3	302-10	Fitting - Grease	34	31	1
237-86	O-Ring	28	7	4	302-11	Fitting - Grease	19	11	1
237-95	O-Ring	28	41	1	302-33	Fitting - Grease	54	28	2
242-34	Stud - Flanged, Axle	18	11	10	302-55	Fitting - Grease	31	1	2
249-21	Clamp - Hook	1	14	3	302-55	Fitting - Grease	32	1	2
249-39	Flexible Draw Latch	5	18	1	302-55	Fitting - Grease	19	6	3
249-40	Keeper	5	10	1	302-58	Fitting - Grease	23	4	1
2412-3	Hose - Clamp	53	9	1	302-60	Fitting - Grease	24	38	1
2412-3	Hose Clamp	5	5	4	304-46	Drain Cock	5	21	1
2412-4	Clamp	15	23	1	304-73	Fitting - Straight Barb	30	23	1
2412-4	Clamp	1	25	3	304-73	Hose Barb	6	19	1
2412-6	Clamp	15	17	2	304-75	Fitting - 90° Barb	30	20	1
2412-31	Clamp - Bodine	34	6	1	304-96	90° Hose Barb	6	2	1
2412-34	Clamp - Hose	26	47	2	321-2	Screw - Cap, Hex. Hd.	26	35	2
2412-36	Clamp	12	24	2	321-3	Screw - Cap, Hex. Hd.	36	36	4
2412-36	Clamp Hose	30	16	1	321-4	Screw - Cap Hex. Hd.	9	72	1
2412-39	Clamp	24	24	2	321-4	Screw - Cap, Hex. Hd.	6	4	2
2412-39	Clamp	5	31	1	321-4	Screw - Cap, Hex. Hd.	34	7	1
2412-42	Hose Clamp	53	11	1	321-4	Screw - Cap, Hex. Hd.	3	30	2
2412-74	Clamp	2	38	1	321-4	Screw - Cap, Hex. Hd.	26	36	4
2412-79	Clamp	15	14	1	321-6	Screw - Cap Hex. Hd.	5	42	1
2412-79	Clamp	34	15	1	321-6	Screw - Cap Hex. Hd.	27	67	2
2412-79	Clamp - Hose	42	34	8	321-6	Screw - Cap, Hex. Hd.	6	12	2
2412-108	Clamp - Hose	30	28	2	321-6	Screw - Cap, Hex. Hd.	15	20	1
2412-108	Clamp - Worm Drive	34	14	1	321-6	Screw - Cap, Hex. Hd.	3	44	1
2412-108	Hose Clamp	6	1	5	321-23	Screw - Cap, Hex. Hd.	30	14	5
2412-133	R-Clamp	7	3	2	322-2	Screw - Cap, Hex. Hd.	7	21	2
251-8	Bearing - Ball	22	6	2	322-3	Screw - Cap, Hex. Hd.	53	13	4
251-8	Bearing - Ball	28	46	1	322-4	Screw - Cap, Hex. Hd.	28	37	4
251-234	Lock Collar	8	41	2	322-4	Screw - Cap, Hex. Hd.	12	43	1
251-252	Ball Bearing	8	40	2	322-5	Screw - Cap, Hex. Hd.	24	12	2
251-252	Bearing - Ball	34	33	1	322-5	Screw - Cap, Hex. Hd.	3	29	2
251-259	Bearing - Ball	26	10	1	322-5	Screw - Cap, Hex. Hd.	2	37	1

\*Not Illustrated

# TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
322-6	Screw - Cap, Hex. Hd.	5 33 1	3234-32	Screw - Flange, Hex. Hd.	24 8 6
322-8	Screw - Cap, Hex. Hd.	26 30 6	3234-32	Screw - w/Locking Flange	7 11 2
322-8	Screw - Cap, Hex. Hd.	19 44 2	3241-5	Screw - Set, Socket Head	34 36 2
322-10	Screw - Cap, Hex. Hd.	26 34 2	3241-5	Screw - Set, Sq. Hd.	26 25 2
322-17	Screw - Cap, Hex. Hd.	26 11 1	3245-1	Screw - Set	8 46 2
323-6	Screw - Cap Hex. Hd.	17 46 1	3246-3	Screw - Set	8 29 4
323-6	Screw - Cap, Hex. Hd.	12 27 2	3249-11	Screw - Mach. Rd. Hd.	26 5 2
323-7	Screw - Cap, Hex. Hd.	26 43 2	3250-17	Screw - Pan Hd.	3 22 2
323-9	Screw - Cap, Hex. Hd.	19 21 2	3253-3	Washer - Lock	15 5 2
323-13	Screw - Cap, Hex. Hd.	10 32 1	3253-3	Washer - Lock	23 8 6
323-14	Screw - Cap, Hex. Hd.	5 23 3	3253-3	Washer - Lock	36 35 4
323-14	Screw - Cap, Hex. Hd.	11 56 1	3253-3	Washer - Lock	19 38 6
323-42	Screw - Cap, Hex. Hd.	11 54 1	3253-3	Washer - Lock	35 51 3
323-56	Screw - Cap, Hex. Hd.	28 3 4	3253-4	Washer - Lock	1 9 2
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324-11	Screw - Cap, Hex. Hd.	54 22 2	3253-4	Washer - Lock	34 47 2
324-11	Screw - Cap, Hex. Hd.	36 27 2	3253-6	Washer - Lock	54 7 2
324-12	Screw - Cap, Hex. Hd.	34 38 2	3253-6	Washer - Lock	55 8 2
328-5	Screw - Cap Hex. Hd.	55 5 4	3253-9	Washer - Lock	55 6 4
329-7	Screw - Cap, Hex. Hd.	35 53 1	3253-17	Washer - Lock	3 3 6
3210-7	Screw - Cap, Hex. Hd.	19 5 1	3253-17	Washer - Lock	15 9 1
3210-7	Screw - Cap, Hex. Hd.	26 9 1	3253-21	Washer - Lock	10 29 4
3210-7	Screw - Cap, Hex. Hd.	16 19 8	3253-21	Washer - Lock	26 44 2
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3217-5	Nut	35 50 1	3253-21	Washer - Lock	9 55 4
3217-6	Nut	53 2 2	3254-2	Washer - Lock, Int. Tooth	34 18 2
3217-6	Nut	1 11 2	3254-2	Washer - Lock, Int. Tooth	2 52 1
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3217-6	Nut - Hex	27 57 2	3254-7	Washer - Lock	8 15 1
3217-7	Nut - Hex	10 28 2	3254-9	Washer - Lock	27 58 2
3217-8	Nut - Full	54 8 2	3255-5	Washer - Lock	3 38 1
3217-9	Nut - Hex.	17 42 2	3255-7	Washer - Lock, Ext. Tooth	3 31 3
3217-12	Nut - Hex.	55 7 4	3255-7	Washer - Lock	27 59 3
3217-26	Nut	3 37 1	3255-7	Washer - Lock, Ext. Tooth	6 21 2
3218-5	Nut - Jam	10 3 2	3255-8	Washer - Lock	16 2 8
3218-7	Nut - Jam	12 42 1	3255-9	Washer - Lock, Ext. Tooth	35 61 1
3219-1	Nut	34 2 5	3256-3	Washer - Flat	26 32 4
3219-2	Nut	16 1 8	3256-3	Washer - Flat	12 28 4
3219-2	Nut - Hex	26 8 1	3256-6	Washer - Flat	8 20 1
3219-3	Nut	8 33 1	3256-6	Washer - Flat	17 43 2
3219-7	Nut - Hex.	8 16 1	3256-6	Washer - Flat	27 61 1
3219-14	Nut	3 1 6	3256-14	Washer - Flat	3 35 1
3219-14	Nut	15 10 1	3256-22	Washer - Flat	10 8 1
3220-3	Nut - Jam	10 27 1	3256-22	Washer - Flat	34 8 1
3220-5	Nut - Jam	19 4 1	3256-22	Washer - Flat	5 43 1
3220-5	Nut - Jam	10 46 1	3256-23	Washer - Flat	7 9 1
3220-6	Nut	13 27 1	3256-23	Washer - Flat	7 22 2
3220-6	Nut - Jam	24 31 2	3256-23	Washer - Flat	19 47 4
3229-1	Bolt - Carriage	2 40 5	3256-25	Washer - Flat	54 6 1
3230-1	Bolt - Carriage	11 52 2	3256-26	Washer - Flat	10 40 1
3230-2	Bolt - Carriage	15 29 3	3256-28	Washer - Flat	8 14 4
3231-21	Bolt - Carriage	10 31 2	3256-41	Washer - Flat	8 36 4
3233-14	Bolt - Carriage	36 9 1	3256-46	Washer - Flat	12 26 2
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3234-11	Screw - Cap, Hex. Hd.	10 39 3	3257-5	Key - Woodruff	8 11 3
3234-11	Screw - Cap, Hex. Hd.	36 31 4	3257-30	Key - Woodruff	36 3 2
3234-11	Screw - Cap, Hex. Hd.	34 45 4	3257-32	Key - Woodruff	28 21 1
3234-11	Screw - Cap, Locking Fl.	1 26 5	3257-32	Key - Woodruff	26 24 1
3234-11	Screw - Flange Head	15 1 2	3257-33	Key - Woodruff	34 30 1
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3234-14	Screw - Cap, Hex. Hd.	7 6 5	3272-6	Pin - Cotter	30 8 1
3234-14	Screw - Cap, Hex. Hd.	2 46 2	3272-6	Pin - Cotter	10 21 6
3234-14	Screw - Hex, Flange Hd.	5 13 11	3272-10	Pin - Cotter	26 1 1
3234-17	Screw - Cap, Hex. Hd.	12 8 2	3272-10	Pin - Cotter	54 38 3
3234-17	Screw - Cap, Hex. Hd.	7 16 4	3272-11	Pin - Cotter	54 2 2
3234-18	Screw - Cap, Hex. Hd.	35 60 1	3272-11	Pin - Cotter	19 9 3
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\*Not Illustrated

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3272-22	Pin - Cotter	8	17	2	32128-20	Nut - Flange	12	41	1
3272-24	Cotter Pin	54	10	1	32128-20	Nut - Hex. Hd. Flange	5	2	11
3272-33	Pin - Cotter	54	17	1	32128-20	Nut - Lock, Flange	2	39	1
3274-8	Screw - Cap, Hex. Hd.	19	39	6	32128-21	Nut - Flange	24	25	4
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3290-134	Screw - Hex. Hd. Mach.	3	4	2	32128-23	Nut - Lock, Flange	24	10	4
3290-144	Screw - HH	1	13	9	32128-23	Nut - Lock, Flange	36	16	1
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3290-379	Cable Tie	5	29	4	32136-13	Nut - Slotted	19	10	3
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3296-16	Nut - Lock	9	74	1	32144-53	Screw - Thread Forming	15	11	5
3296-20	Nut - Lock	34	5	1	32144-67	Screw - Cap, Self Tap	15	36	4
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3296-20	Nut - Lock	12	30	4	32149-2	Nut	6	9	2
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3296-29	Nut - Lock	12	36	2	32149-2	Nut - Lock	3	33	3
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32103-2	Nut - Wing	5	37	2	32153-2	Nut - Lock	10	30	2
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32120-11	Ring - Retaining	28	47	1	340-92	Adapter - Straight	26	19	3
32120-15	Ring - Retaining	28	45	1	340-97	Elbow - Fitting	24	19	1
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32120-69	Ring - Retaining, External	34	35	1	340-99	Fitting - 90° Elbow	30	12	1
32120-72	Ring - Retaining	27	53	1	340-110	Elbow - 90°	30	24	1
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32121-34	Pin - Roll	19	35	1	353-551	Plug - Hex. Hd.	28	32	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 325D 4 Wheel Drive has two identification numbers; a model number and a serial number. The two numbers are stamped on a plate which is located on the main frame under the seat. In any correspondence concerning the Groundsmaster 325D 4 Wheel Drive – 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 325D 4 Wheel Drive.
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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