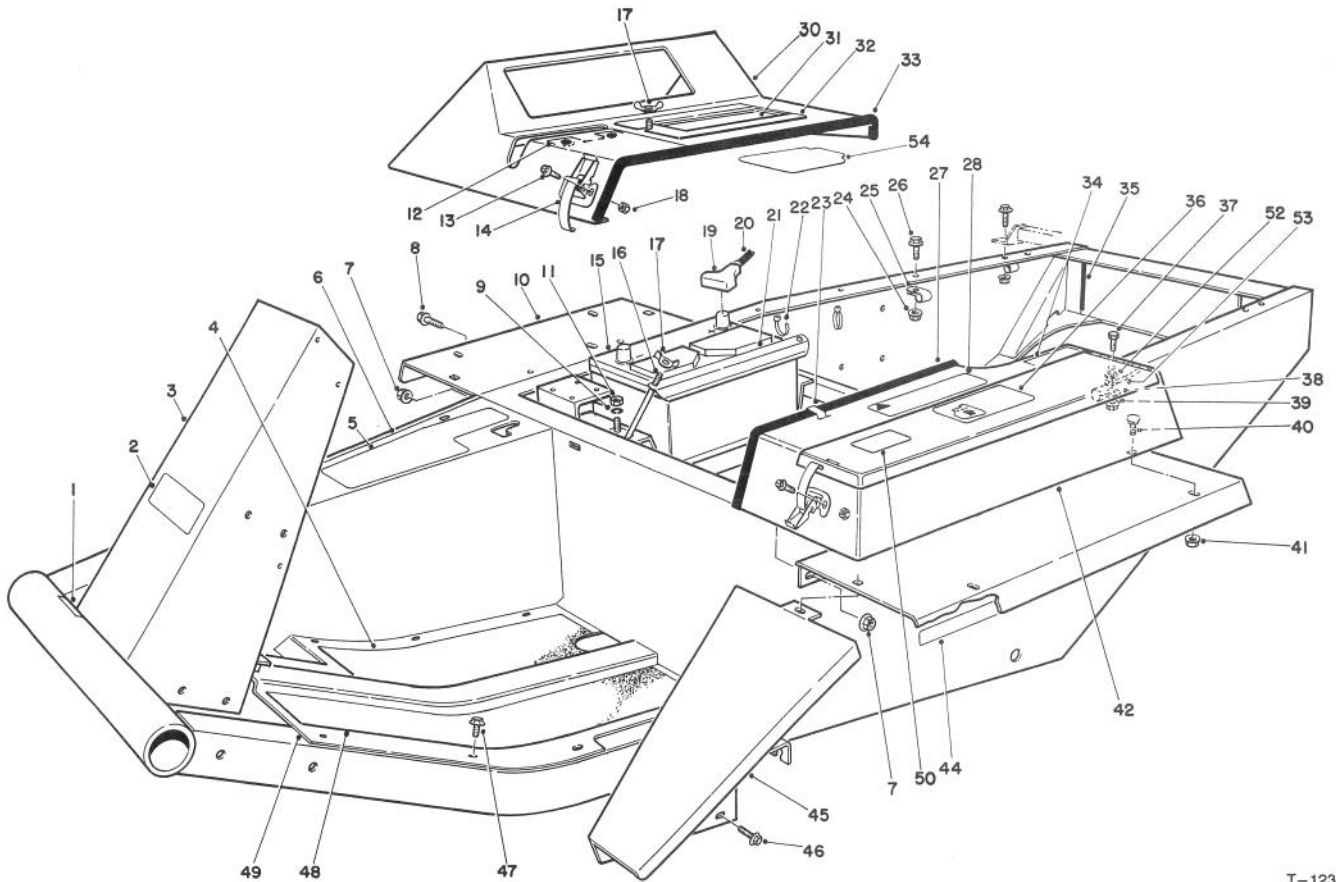




MODEL NO. 30741-40001 & UP

PARTS CATALOG

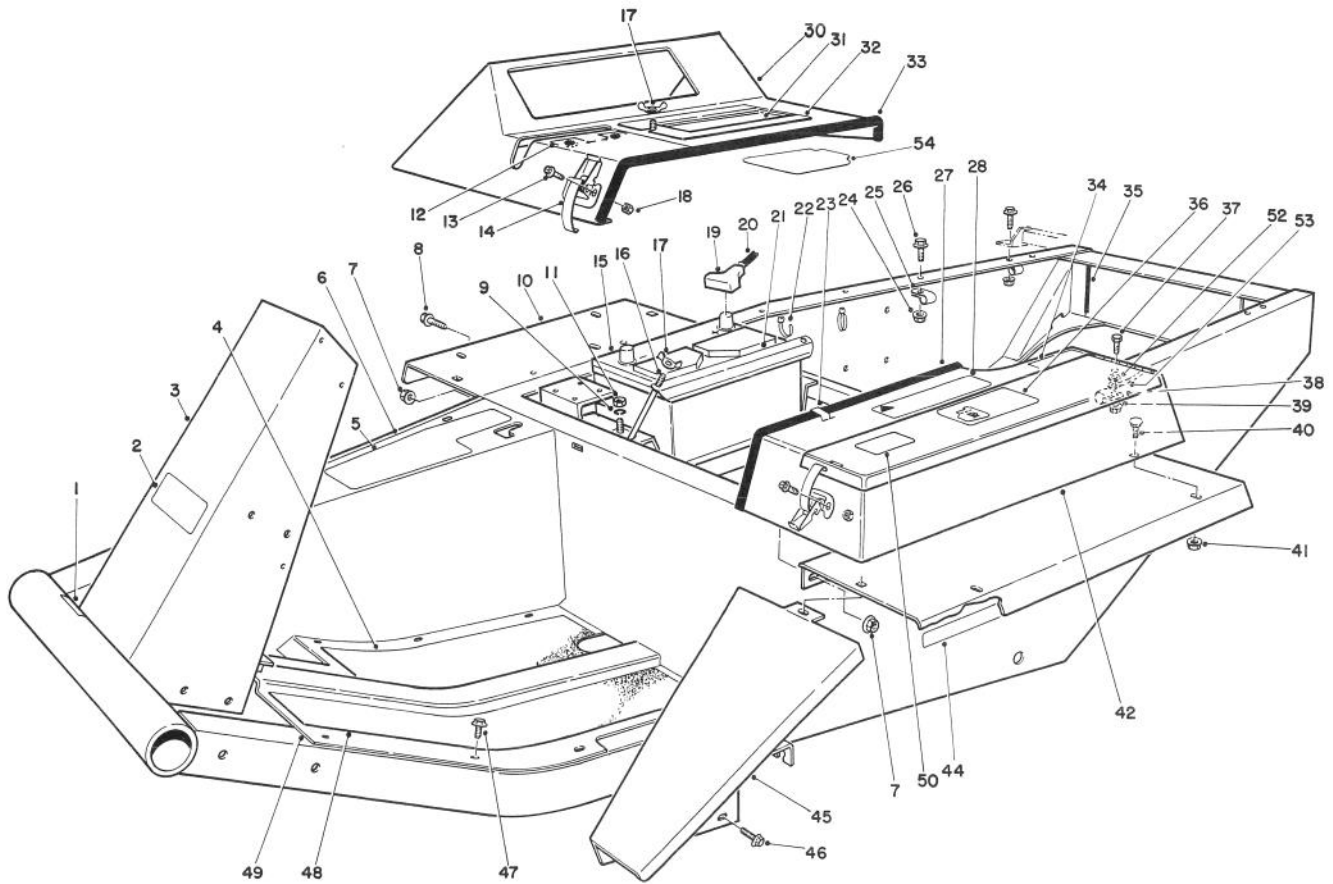
GROUNDMASTER® 325D Intl. 4WD TRACTION UNIT



T-1232A

MAIN FRAME ASSEMBLY

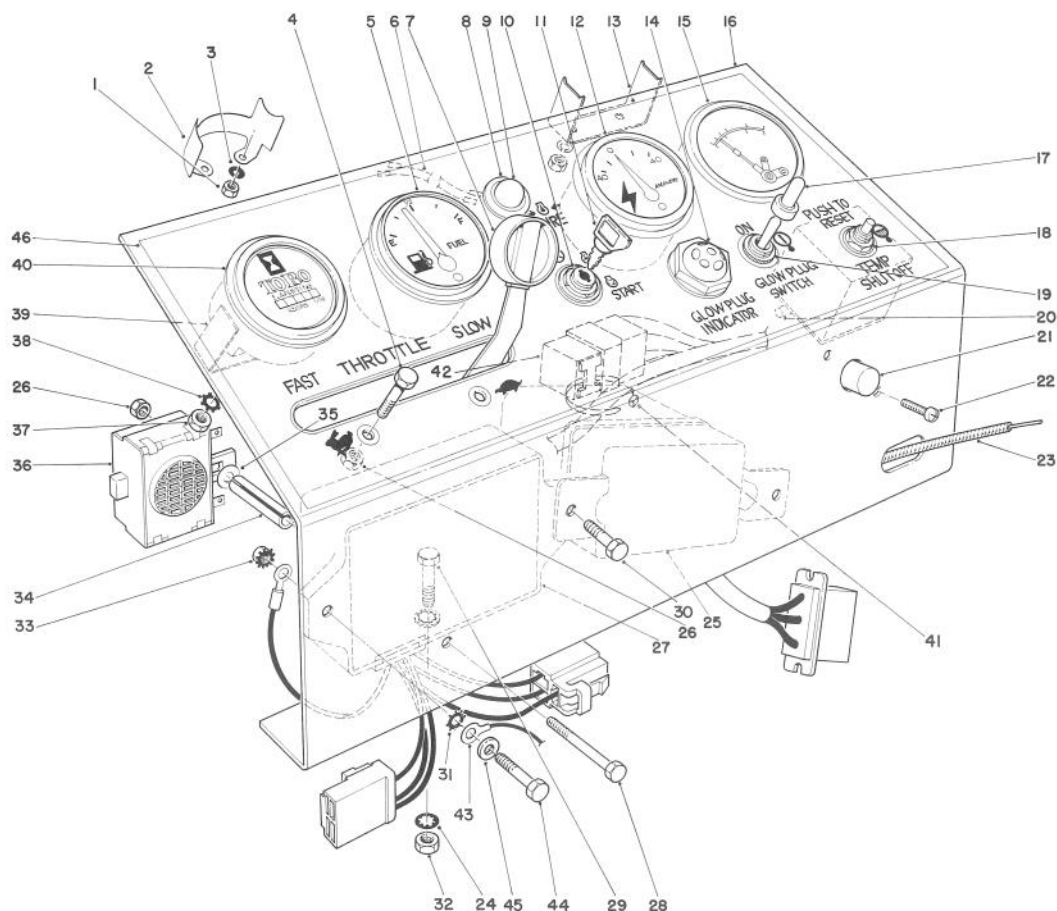
Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	27-7320	Decal - Traction Pedal	1	17	32103-2	Nut - Wing	3
2	70-2200	Decal - Toro	1	18	3296-2	Nut - Lock	6
3	82-8980	Frame (Incl. Ref. #7)	1	19	28-1280	Boot - Cable	1
4	21-2770	Pad - Foot Rest R.H.	1	20	70-1180	Cable - Battery Positive (Incl. Ref.#19)	1
5	66-6390	Decal - Caution	1	21	24-6420	Hold Down - Battery	1
6	21-2660	Footrest	1	22	3290-378	Tie - Cable	2
7	32128-21	Nut - Lock Flange	6	23	2412-61	Clip - Tinnermann	2
8	3234-12	Screw - Hex. Hd. Flange	4	24	3290-357	Nut - Lock Flange	5
9	3253-4	Washer - Lock	2	25	2412-4	Clamp	3
10	72-3690	Fender	2	26	3234-11	Screw - Cap Locking Fl.	5
11	3217-6	Nut	2	27	37-9650	Trim	1
12	27-7290	Decal - Power Take Off	1	28	67-1710	Decal - Caution	1
13	3290-144	Screw - Machine	6	30	38-4550	Cover - Instruments	1
14	249-21	Clamp - Hook	3	31	92-7802	Decal - Instructions Start.	1
15		Battery - Type MF214-78	1	32	92-7800	Cover - Access Battery (Incl. Ref. #31 & 54)	1
16	24-6390	Stud - Battery Hold Down	2				



T-1232A

MAIN FRAME ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
33	39-8020	Trim - Cover Instruments	1	44	67-1720	Decal - Torque	2
34	49-2280	Decal - Fuel Diesel	1	45	68-8610	Fender - Extension	1
35	43-4300	Trim - Frame Rear	2	46	3234-14	Screw - Cap Hex. Hd.	2
36	27-7310	Decal - Refueling	1	47	32144-10	Screw - Self-Tapping	11
37	322-5	Screw - Cap Hex. Hd.	1	48	21-2760	Pad - Foot Rest L.H.	1
38	2412-74	Clamp	1	49	88-0070	Plate - Floor	1
39	32128-20	Nut - Lock Flange	1	50	72-3700	Decal - Caution	2
40	3229-1	Bolt - Carriage	5	52	3254-2	Washet - I.T.L.W.	1
41	32128-33	Nut - Lock Flange	5	53	18-2770	Cable - Ground	1
42	38-4530	Tool Box	1	54	92-7801	Shield - Cover, Battery	1

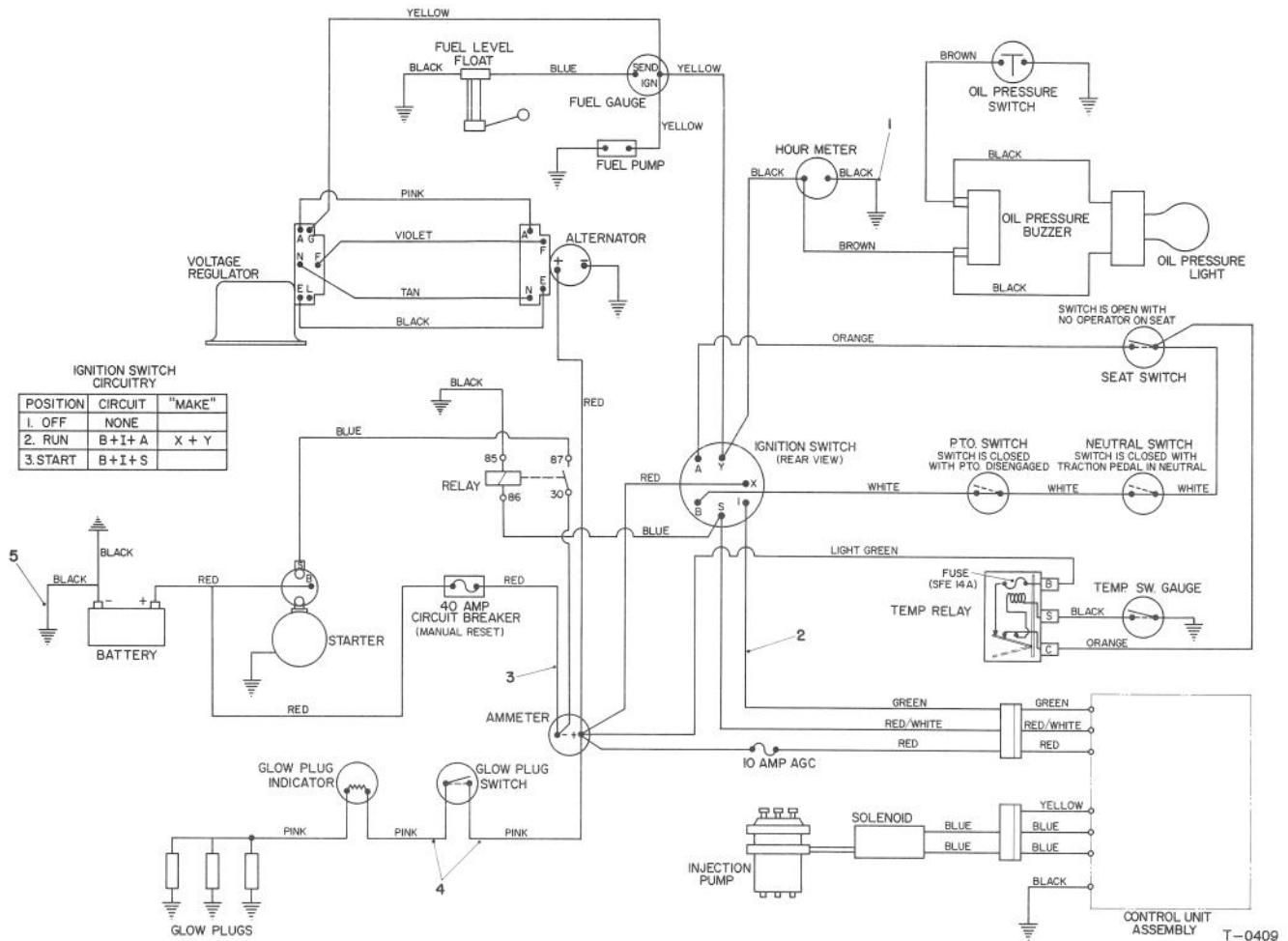


T-0408

INSTRUMENT PANEL ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	3219-14	Nut	6	22	3250-17	Screw - Pan Hd.	2
2	38-1670	Clamp Mounting	2	23	43-3990	Throttle Control (Incl. Ref. #7)	1
3	3253-17	Washer - Lock	6	24	3254-2	Washer - Lock Int. Tooth	6
4	3290-134	Screw - Hex. Hd. Mach.	2	25	43-0410	Regulator Assembly	1
5	38-1650	Fuel Gauge (Incl. Ref. #1-3)	1	26	3296-12	Nut - Lock	3
6	44-2220	Wire Lead	1	27	43-1880	Control Unit Assembly	1
7	233-35	Knob	2	28	3290-424	Screw - Hex. Hd. Mach.	1
8	44-2210	Warning Light (Incl. Ref. #9)	1	29	322-5	Screw - Cap Hex. Hd.	2
9	218-533	Lens	1	30	321-4	Screw - Cap Hex. Hd.	2
10	27-2360	Key Switch (Incl. Ref. #11)	1	31	3255-7	Washer - Lock Ext. Tooth	3
11	63-8360	Key	1	32	3217-6	Nut - Hex	2
12	38-1660	Ammeter (Incl. Ref. #1-3)	1	33	32149-2	Nut - Lock	3
13	218-539	Clamp	1	34	43-3820	Spacer	1
14	42-9190	Glow Lamp	1	35	3256-14	Washer - Flat	1
15	26-6750	Engine Temperature Gauge (Incl. Ref. #1, 3, & 13)	1	36	22-7820	Buzzer Assembly	1
16	43-3970	Panel - Instrument	1	37	3217-26	Nut	1
17	218-473	Toggle Switch Boot	1	38	3255-5	Washer - Lock	1
18	26-6740	Temperature Reset Relay	1	39	218-515	Mounting Bracket	1
19	6-1659	Toggle Switch (Incl. Ref. #17)	1	40	12-9990	Hour Meter (Incl. Ref. #37-39)	1
†20		Fuse - Temp. Relay 14 Amp. SFE	1	41	3290-379	Cable Tie	1
21	43-4000	Circuit Breaker	1	42	63-7590	Relay	1
				43	70-1190	Cable - Ground	1
				44	321-6	Screw - Cap Hex. Hd.	1
				45	3256-1	Washer - Flat	1
				46	43-3980	Decal - Panel, Instrument	1

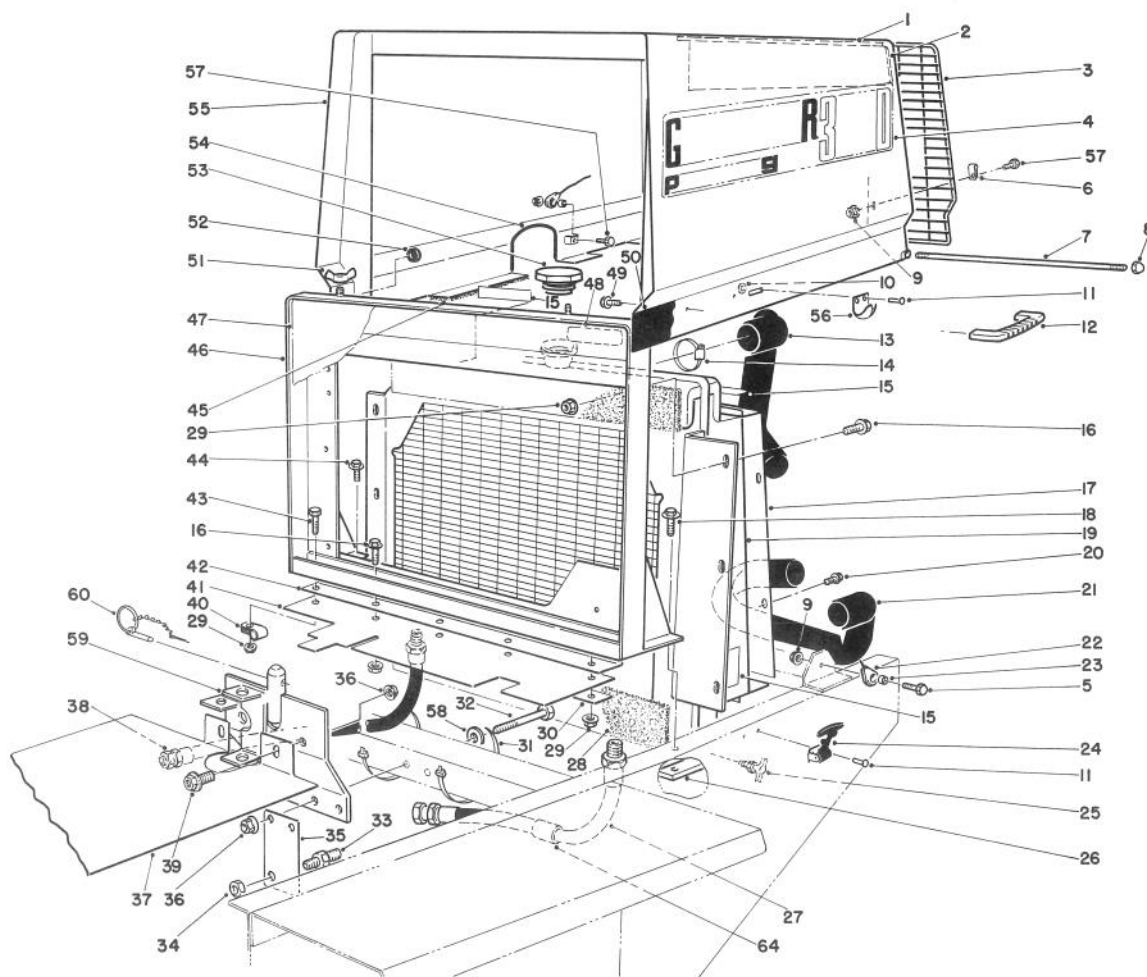
†Obtain Locally



ELECTRICAL SCHEMATIC

Ref. No.	Part No.	Description	No. Used
1	92-7827	Wire - Hour Meter Ground	1
2	88-1790	Wire Harness Assembly	1
3	43-4040	Wire Assembly	1

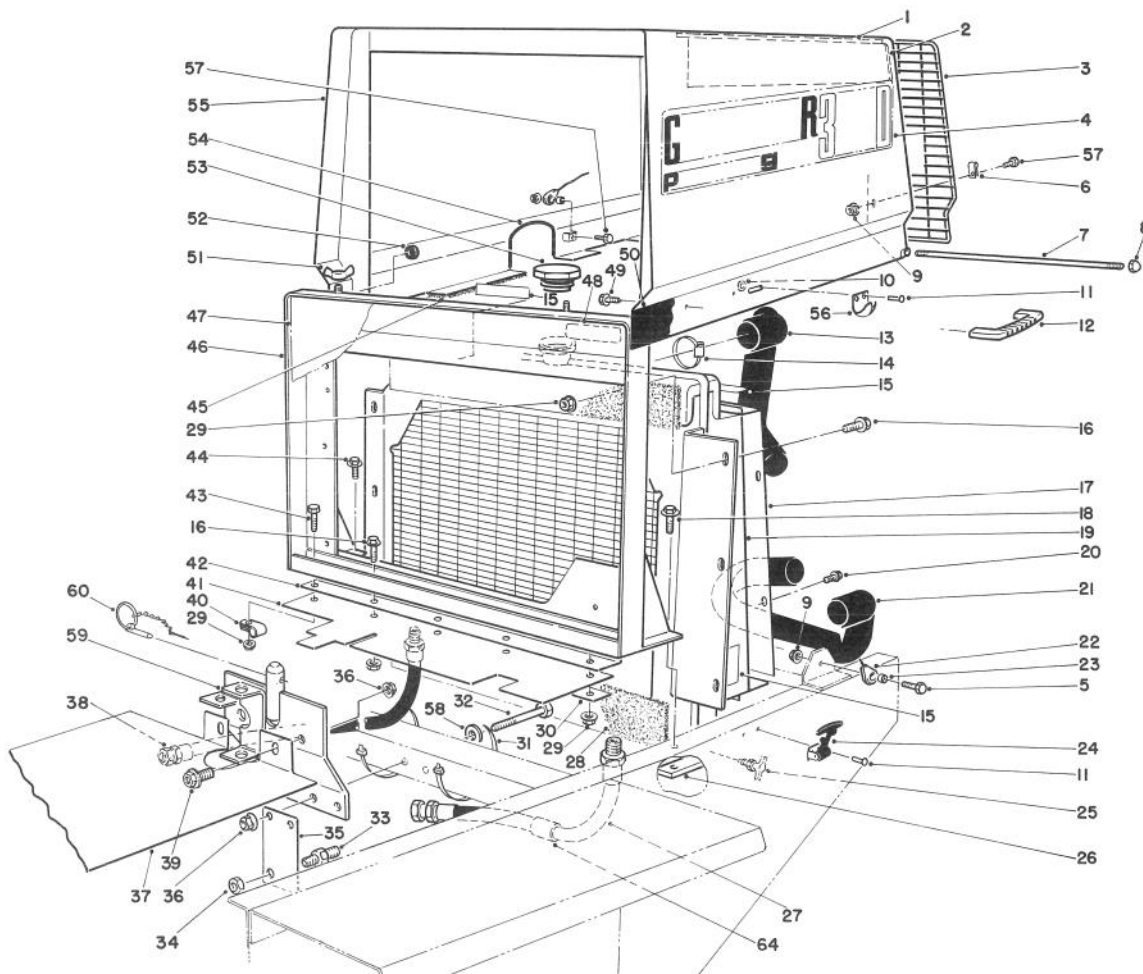
Ref. No.	Part No.	Description	No. Used
4	43-4010	Wire Assembly	2
5	70-1190	Ground Cable	1



T-1185A

RADIATOR & HOOD ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	77-5170	Foam - Top	1	27	63-9010	Hose Assy. - Cooler/Pump	1
2	77-5160	Foam - Side	1	28	43-3320	Foam - Radiator	2
3	67-9000	Screen - Rear	1	29	32128-20	Screw - Flange Hex. Hd.	11
4	84-8610	Decal - Groundmaster	2	30	67-8470	Strip - Retainer	1
5	321-4	Screw - Cap Hex. Hd.	2	31	3290-379	Tie - Cable	4
6	2412-127	Clamp	4	32	323-14	Screw - Cap Hex. Hd.	3
7	67-8840	Pin - Hinge	1	33	340-71	Union - Bulkhead	2
8	32111-8	Nut - Acorn	2	34	340-70	Nut - Lock Bulkhead	2
9	32128-32	Nut - Flange	8	35	68-9160	Bracket	1
10	3269-10	Washer - Backup	2	36	32128-21	Nut - Flange	4
11	3290-271	Rivet	4	37	88-3390	Plate - Sealing	1
12	65-5100	Handle - Hood	1	38	63-8960	Hose Assy. - Valve/Cooler	1
13	43-3350	Hose - Upper Radiator	1	39	3234-11	Screw - Flange	2
14	2412-3	Clamp - Hose	4	40	2412-39	Clamp	1
15	77-3100	Decal - Warning	3	41	67-8570	Strip - Sealing	1
16	3234-14	Screw - Flange Hex. Hd.	11	42	43-3340	Plate - Sealing, Grille	1
17	43-3330	Shroud - Radiator	1	43	322-6	Screw - Cap Hex. Hd.	1
18	3234-1	Screw - Flange, Hex. Hd.	2	44	11-0590	Screw - Self Tapping	2
19	33-2570	Radiator Assembly	1	45	82-8950	Foam - Flange Hood	2
20	32104-116	Screw - Self Tapping	8	46	67-8870	Support - Radiator	1
21	43-7020	Hose - Lower Radiator	1	47	67-9030	Grille	1
22	77-3170	Stop - Cable Hood	2	48	82-8970	Decal - Coolant Radiator	1
23	77-5250	Spacer - Cable Hood	4	49	46-8091	Screw - Flange	2
24	249-39	Latch - Draw Flexible	1	50	77-5140	Decal - Hood 4wd L.H.	1
25	304-46	Drain Cock	1	*	77-5150	Decal - Hood 4wd R.H.	1
26	38-4600	Bar - Frame LH	1	51	32103-2	Nut - Wing	2



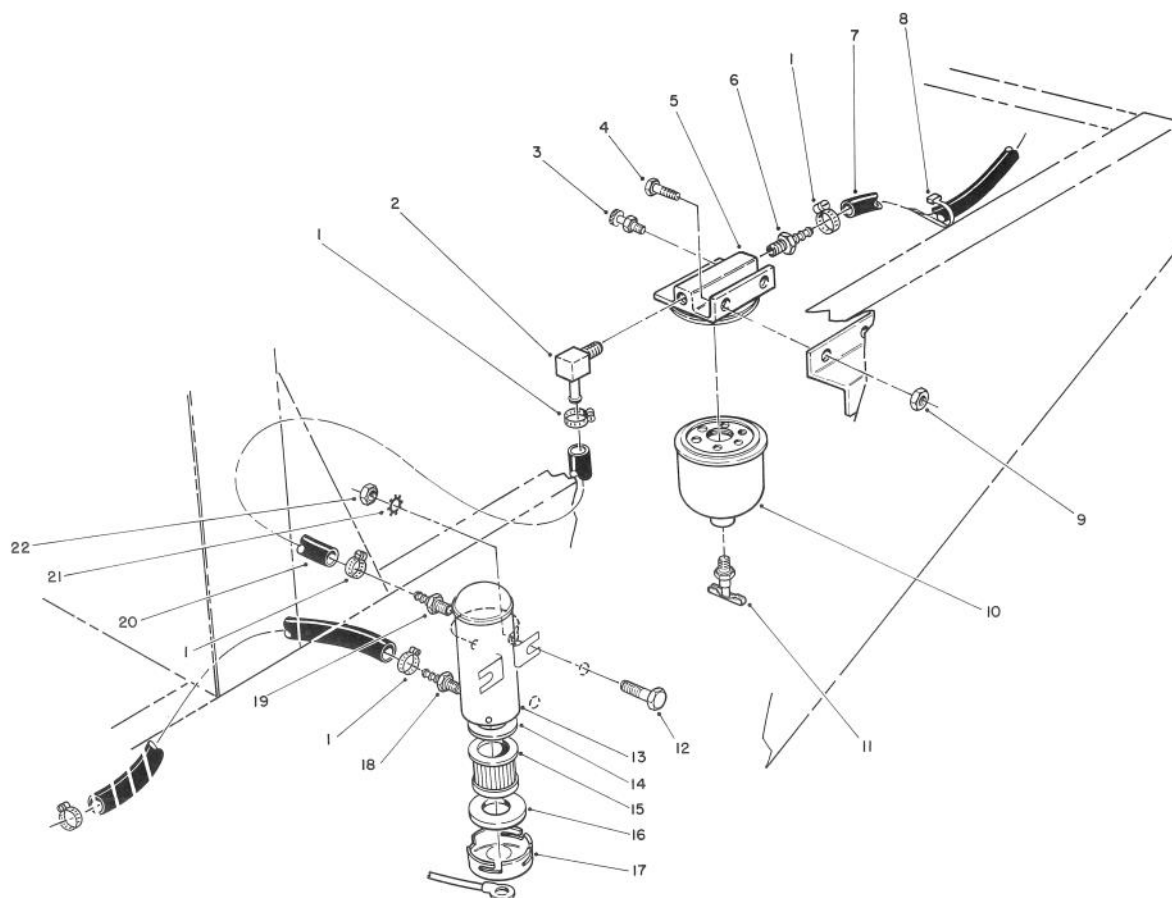
T-1185A

RADIATOR & HOOD ASSEMBLY

Ref. No.	Part No.	Description	No. Used
52	237-141	Bumper - Radiator	2
53	66-3240	Cap - Pressure Radiator	1
54	66-8111	Trim - Hood Cutout	1
55	14-4149	Hood	1
56	249-40	Keeper	1

Ref. No.	Part No.	Description	No. Used
57	3274-69	Screw - Hex. Socket Hd.	6
58	5-0838	Washer - Flat	3
59	86-9410	Bracket - Seat Support	1
60	283-76	Pin - Lynch	1
64	38-3400	Guard - Rubber	1

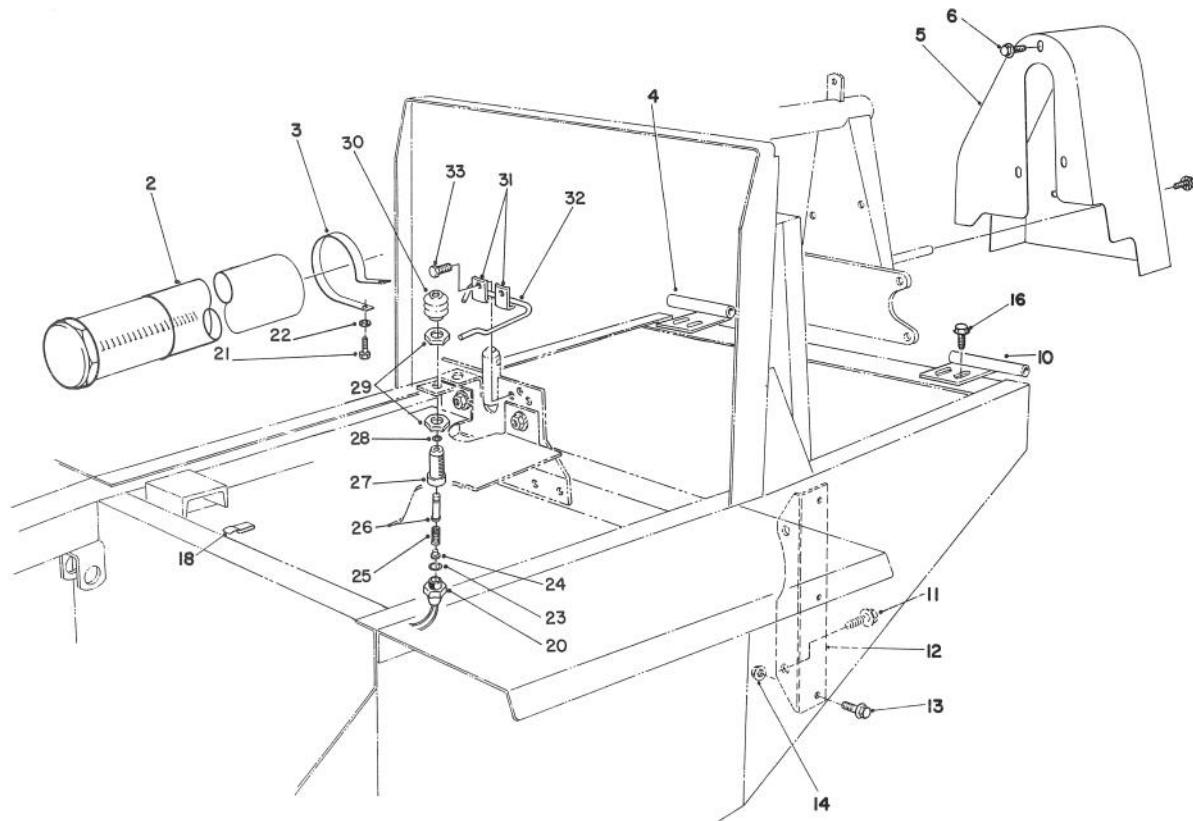
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T-0411

FUEL FILTER ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	2412-108	Hose Clamp	5	12	321-6	Screw - Cap Hex. Hd.	2
2	304-96	90° Hose Barb	1	13	53-8150	Pump Assy. Fuel, Electric (Incl. Ref. #14-17)	1
3	63-8290	Vent	1	14	43-2570	Gasket	1
4	321-4	Screw - Cap Hex. Hd.	2	15	43-2550	Filter	1
5	63-8280	Head Assembly	1	16	43-2560	Gasket	1
6	353-975	Hose Barb	1	17	43-2580	Magnet	1
7	63-9720	Hose	1	18	353-702	Hose Barb	1
8	3290-378	Cable Tie	A/R	19	304-73	Hose Barb	1
9	32149-2	Nut	2	20	63-9650	Hose	1
10	63-8300	Element - Fuel Filter (Incl. Ref. #11)	1	21	3255-7	Washer - Lock Ext. Tooth	2
11	63-8310	Drain Valve	1	22	32149-2	Nut	2

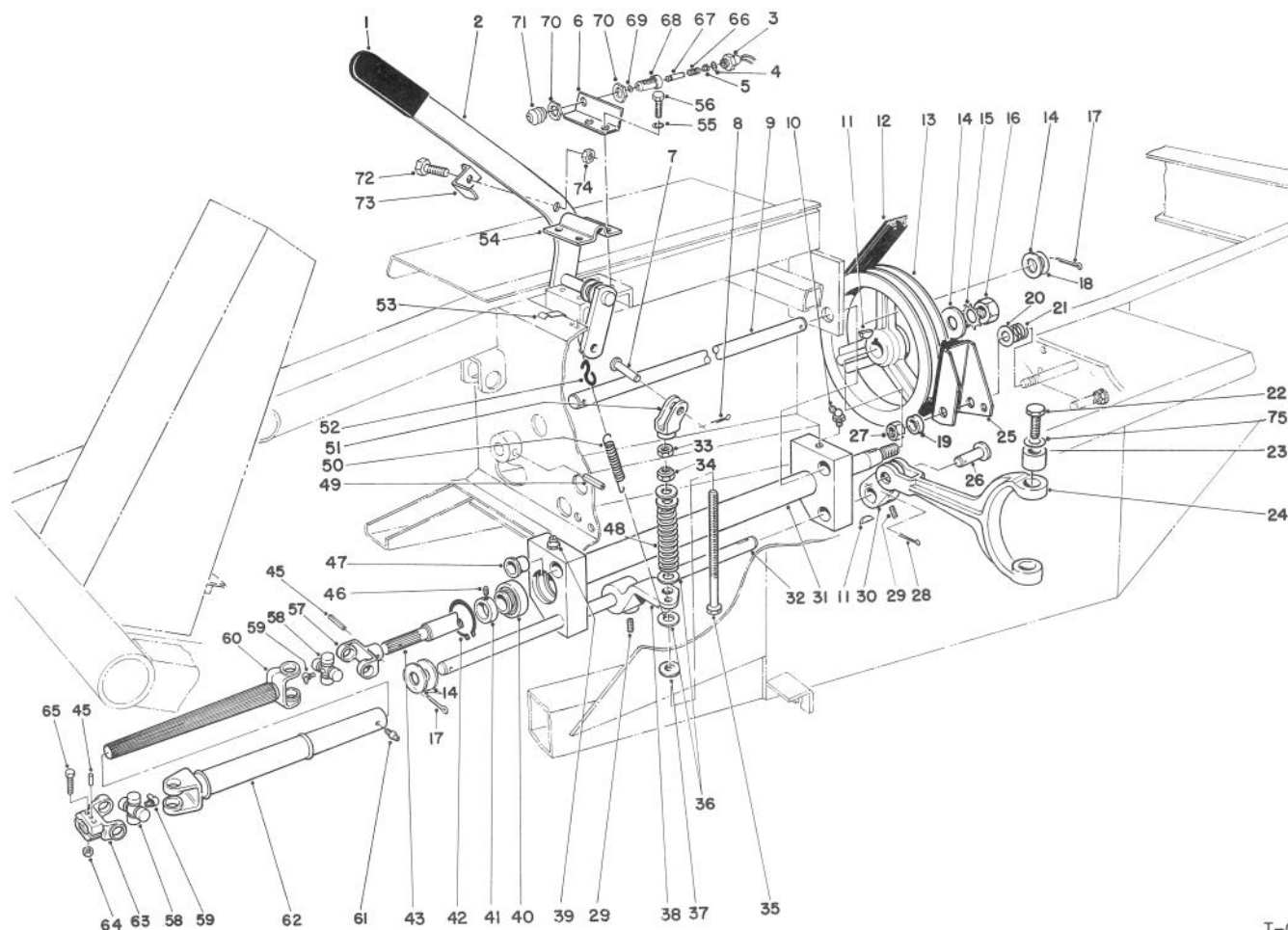


T-1186A

INTERLOCK ASSEMBLY

Ref. No.	Part No.	Description	No. Used
2	74-0720	Tube - Manual	1
3	2412-133	R-Clamp	2
4	67-8820	Hinge R.H.	1
5	43-3900	Guard - Fan Belt	1
6	3234-14	Screw - Cap Hex. Hd.	5
9	3256-23	Washer - Flat	1
10	67-8810	Hinge L.H.	1
11	3234-32	Screw - w/Locking Flange	2
12	67-8190	Bracket - Engine Support	2
13	3234-11	Screw w/Locking Flange	6
14	3290-357	Nut - Lock Flange	6
16	3234-17	Screw - Cap Hex. Hd.	4
18	212-93	Wire Clip	2
20	72-4320	Switch - Ball	1
21	322-2	Screw - Cap Hex. Hd.	2

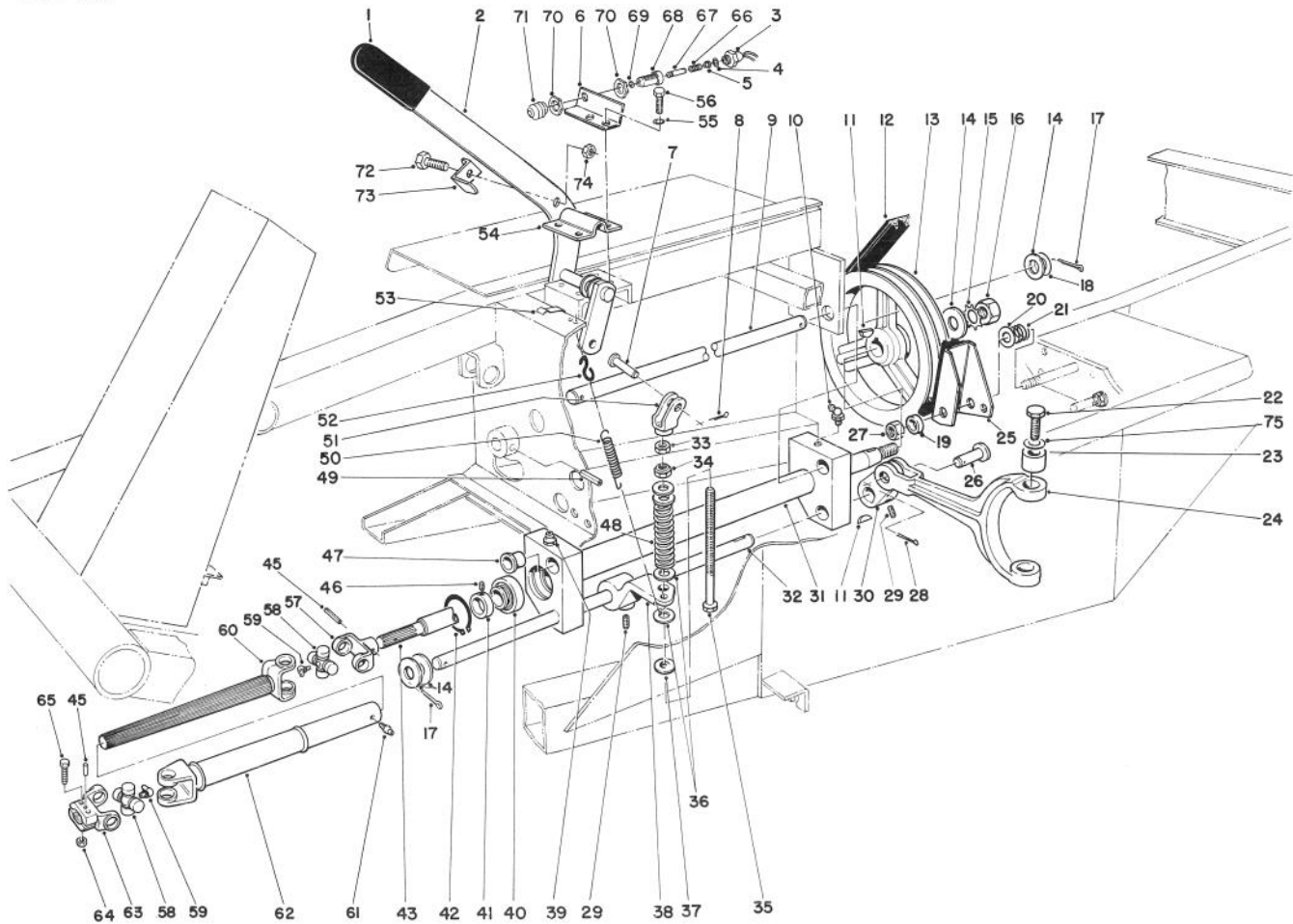
Ref. No.	Part No.	Description	No. Used
22	3256-23	Washer - Flat	2
23	237-30	Seal - O-Ring	1
24	43-8610	Guide - Spring & Ball Seat	1
25	43-8600	Spring - Compression	1
26	43-8860	Plunger - Switch	1
27	43-8620	Guide - Switch Pin	1
28	237-7	Seal - O-Ring	1
29	218-461	Nut - Jam	2
30	43-8870	Boot - Switch	1
31	3-6657	Clip	2
32	86-7040	Rod - Seat Prop	1
33	32144-10	Screw - Hex. Hd. Self Tap	2
*	43-9071	Assembly - Switch (Incl. Ref. #20, 23-30, & 1 of #29 Required)	1



T-0413B

POWER TAKE OFF ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	21-1880	Grip Handle	1	27	3296-28	Nut - Lock	1
2	84-8500	Lever - P.T.O.	1	28	3272-11	Cotter Pin	1
3	72-4320	Switch - Ball	1	29	3246-3	Set Screw	4
4	237-30	Seal - O-Ring	1	30	92-4058	Arm - P.T.O.	1
5	43-8610	Guide - Spring & Ball Seat	1	31	43-5500	Pivot P.T.O.	1
6	84-8520	Bracket - P.T.O. Switch	1	32	43-5550	Shaft - Actuator P.T.O.	1
7	283-42	Clevis Pin	1	33	3219-3	Nut	1
8	3272-10	Cotter Pin	1	34	3296-6	Nut - Lock	1
9	43-3860	Shaft - Pivot P.T.O.	1	35	27-7900	Screw - Adjusting	1
10	302-10	Grease Fitting	1	36	3256-41	Washer - Flat	4
11	3257-5	Woodruff Key	3	37	5-0652	Spacer	1
12	53-9660	V-Belt Torque Team	1	38	43-5570	Arm, Actuator - P.T.O.	1
13	21-0230	Pulley P.T.O.	1	39	302-2	Grease Fitting	1
14	3256-28	Washer - Flat	4	40	251-252	Ball Bearing (Incl. Ref. #41)	2
15	3254-7	Washer - Lock	1	41	251-234	Lock Collar (Incl. Ref. #46)	2
16	3219-7	Nut	1	42	32120-22	Ring - Retaining	2
17	3272-22	Cotter Pin	2	43	43-5540	Shaft P.T.O.	1
18	3-6498	Washer	A/R	45	32121-34	Pin - Roll	2
19	3-8812	Spacer	1	46	3245-1	Set Screw	2
20	3256-6	Washer - Flat	1	47	256-113	Bushing - Flange	4
21	5-1747	Spring	1	48	21-0400	Spring - Compression	1
22	92-5727	Screw - Cap Hex. Hd.	2	49	32121-9	Pin - Roll	1
23	92-5723	Bushing - P.T.O. Fork	2	50	21-1830	Spring - Tension	1
24	92-4060	Fork P.T.O.	1	51	43-5630	Yoke - P.T.O.	1
25	27-7370	Brake Assembly P.T.O.	1				
26	283-74	Clevis Pin	1				



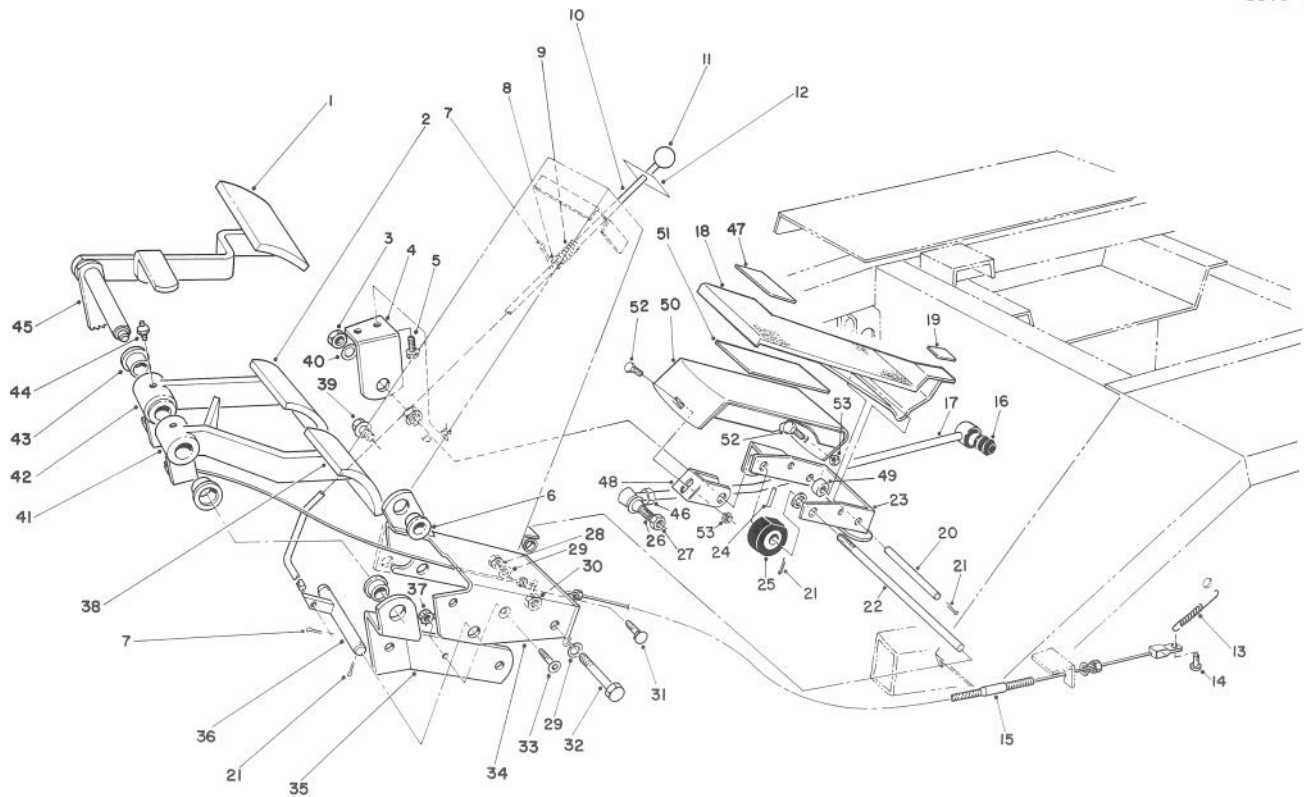
T-0413B

POWER TAKE OFF ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
52	5-0701	Spring Anchor	1
53	212-93	Wire Clip	1
54	21-1600	Clamp P.T.O. Lever	1
55	3253-21	Washer - Lock	4
56	32104-6	Screw - Hex. Hd. Tapping	4
57	62-3800	Yoke - End	1
58	54-9180	Kit - U-Joint	2
59	62-3820	Fitting - Grease	2
60	62-3290	Shaft - Slip Yoke	1
61	302-58	Fitting - Grease	1
62	62-3790	Tube - Slip Yoke	1
63	54-9040	Yoke - End (Split)	1
64	3296-29	Nut - Lock	2

Ref. No.	Part No.	Description	No. Used
65	322-9	Screw - Cap Hex. Hd.	2
66	43-8600	Spring - Compression	1
67	43-8860	Plunger - Switch	1
68	43-8620	Guide - Switch Pin	1
69	237-7	Seal - O-Ring	1
70	218-461	Nut - Jam	2
71	43-8870	Boot - Switch	1
72	321-4	Screw - Cap Hex. Hd.	1
73	86-7050	Bracket - Switch Actuator	1
74	3296-16	Nut - Lock	1
75	75-9890	Washer - Shim	A/R
*	84-4890	Drive Shaft Assembly (Incl. Ref. #57-63)	1

*Not Illustrated

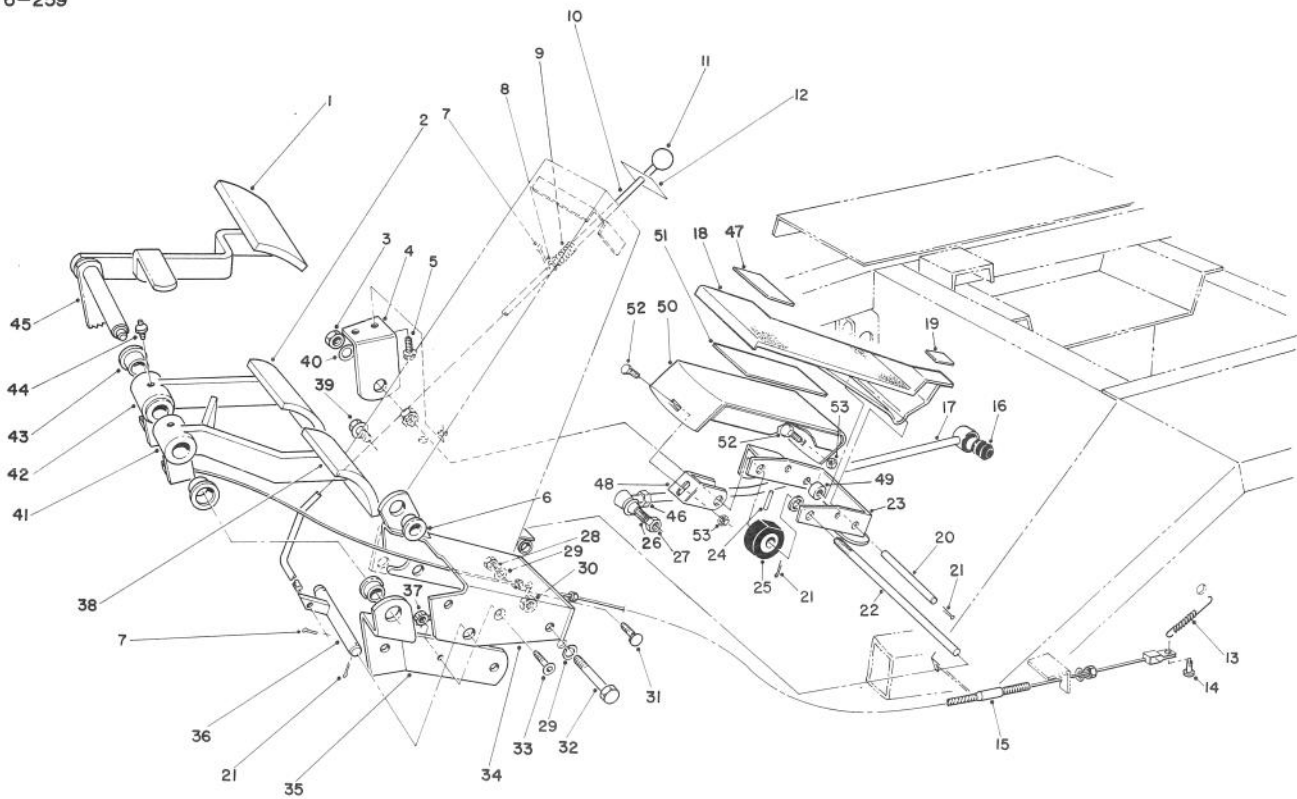


T-0415

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.	2
9	3-3251	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	88-0530	Pedal - Traction	1	43	256-10	Bushing	4
19	88-1740	Pad - Pedal Rear	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	88-1730	Pad - Front Pedal	1
23	88-1670	Bracket - Pivot (Incl. Ref. #6)	1	48	88-1680	Bracket - Footrest	1
24	32121-16	Pin - Roll	1				

*Not Illustrated



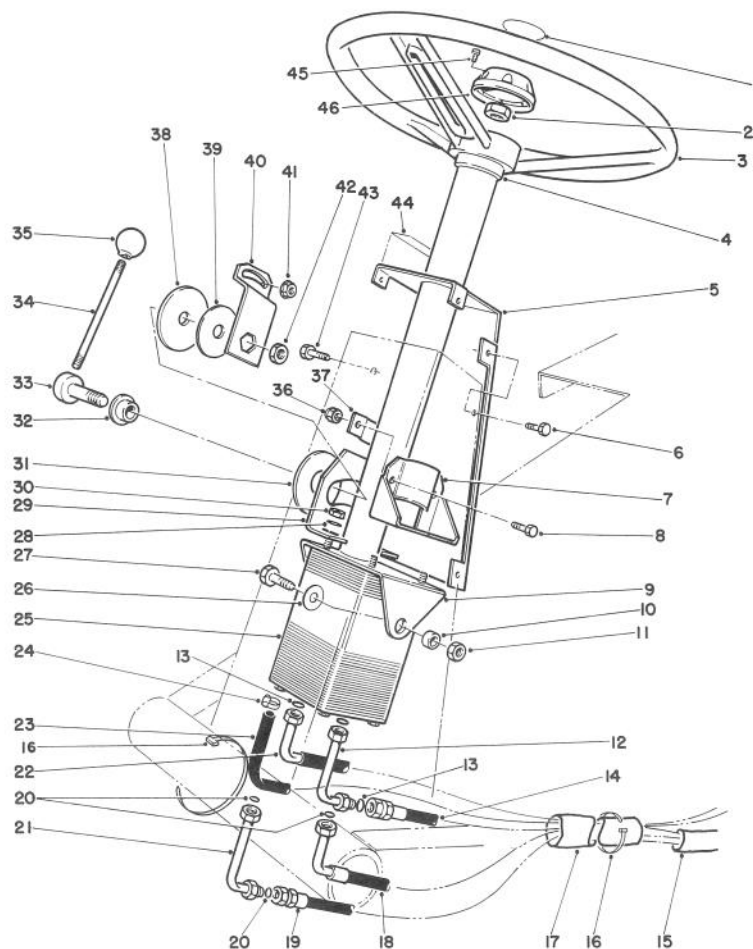
T-0415

BRAKE PEDAL ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
49	88-0470	Tube - Pedal Spacer	1
50	88-1710	Footrest	1
51	88-1720	Pad - Footrest	1

Ref. No.	Part No.	Description	No. Used
52	3230-1	Bolt - Carriage	2
53	32128-25	Nut - Flange Lock	2

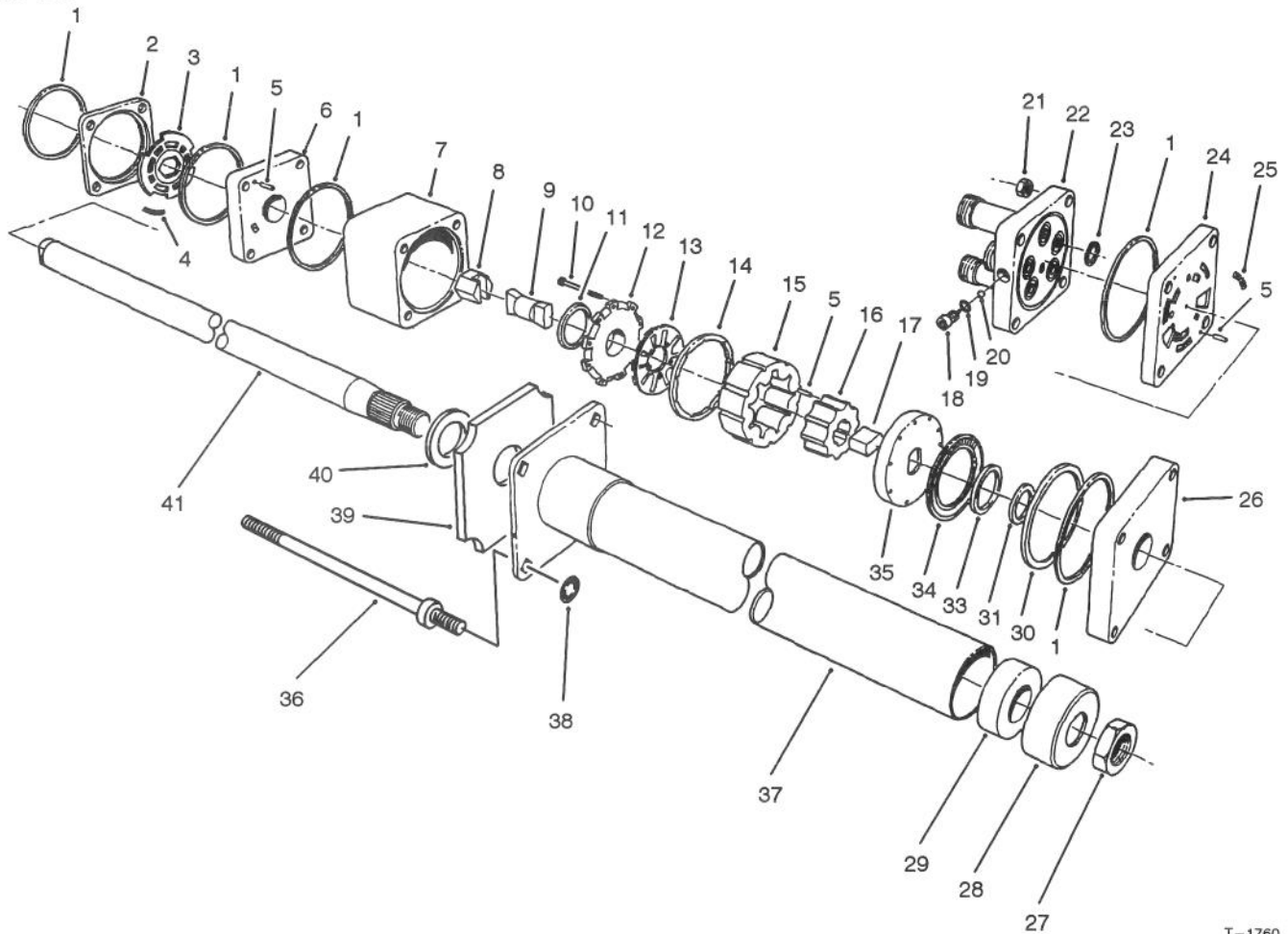
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T-1187A

POWER STEERING ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	68-5370	Decal - Toro	1	24	2412-36	Clamp	2
2	66-9760	Nut - Hex.	1	25	92-7308	Valve - Steering Power	1
3	75-0560	Steering Wheel Assembly (Incl. Ref. #45 & 46)	1	26	3256-46	Washer - Flat	2
4	21-9260	Cover - Dust	1	27	323-6	Screw - Cap Hex. Hd.	2
5	82-8660	Cover - Tower	1	28	3256-3	Washer - Flat	4
6	32144-10	Screw - Hex. Thd. Form	6	29	80-2940	Plate - Pivot	1
7	67-8690	Support - Column	1	30	3296-20	Nut - Lock	4
8	3234-17	Screw - Cap Hex. Hd.	2	31	31-0390	Disc - Friction	1
9	77-3120	Bracket - Mount Column	1	32	80-2980	Boss - Pin	1
10	80-2960	Spacer - Tower	2	33	80-2970	Pin - Steering Tilt	1
11	32153-2	Nut - Hex.	2	34	80-2890	Handle - Steering Tilt	1
12	82-8760	Elbow	1	35	233-21	Knob - Handle	1
13	237-30	Seal - O-Ring	3	36	3296-29	Nut - Lock	2
14	63-8970	Hose - Trans. to Steering	1	37	82-8650	Clamp - Half	1
15	70-1390	Sleeve - Protective	1	38	82-9010	Disc - Friction	1
16	3290-379	Tie - Cable	3	39	80-2930	Washer	1
17	70-1380	Sleeve - Protective	1	40	80-2880	Bracket - Steering Tilt	1
18	68-9730	Hose - Steering to Cylinder	1	41	32128-20	Nut - Flange	1
19	68-9720	Hose - Cylinder to Steering	1	42	3218-7	Nut - Jam	1
20	237-22	Seal - O-Ring	3	43	322-4	Screw - Cap Hex. Hd.	1
21	82-8770	Elbow	1	44	82-8940	Decal - Steering Tilt	1
22	63-8980	Hose - Aux. to Valve	1	45	32144-21	Screw	1
23	63-8990	Hose	1	46	68-5140	Cap - Wheel Steering	1



T-1760

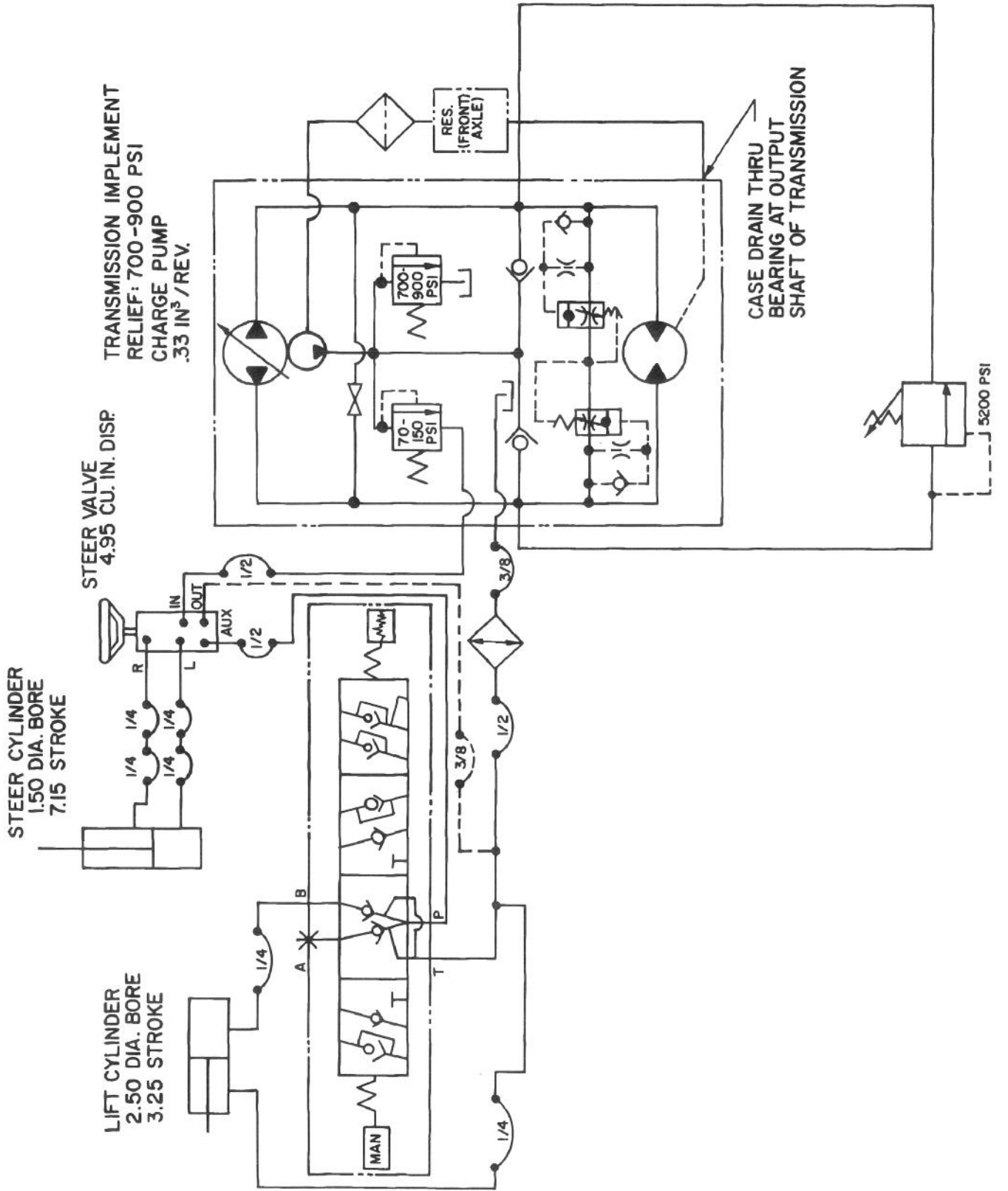
POWER STEERING VALVE ASSEMBLY NO. 92-7308

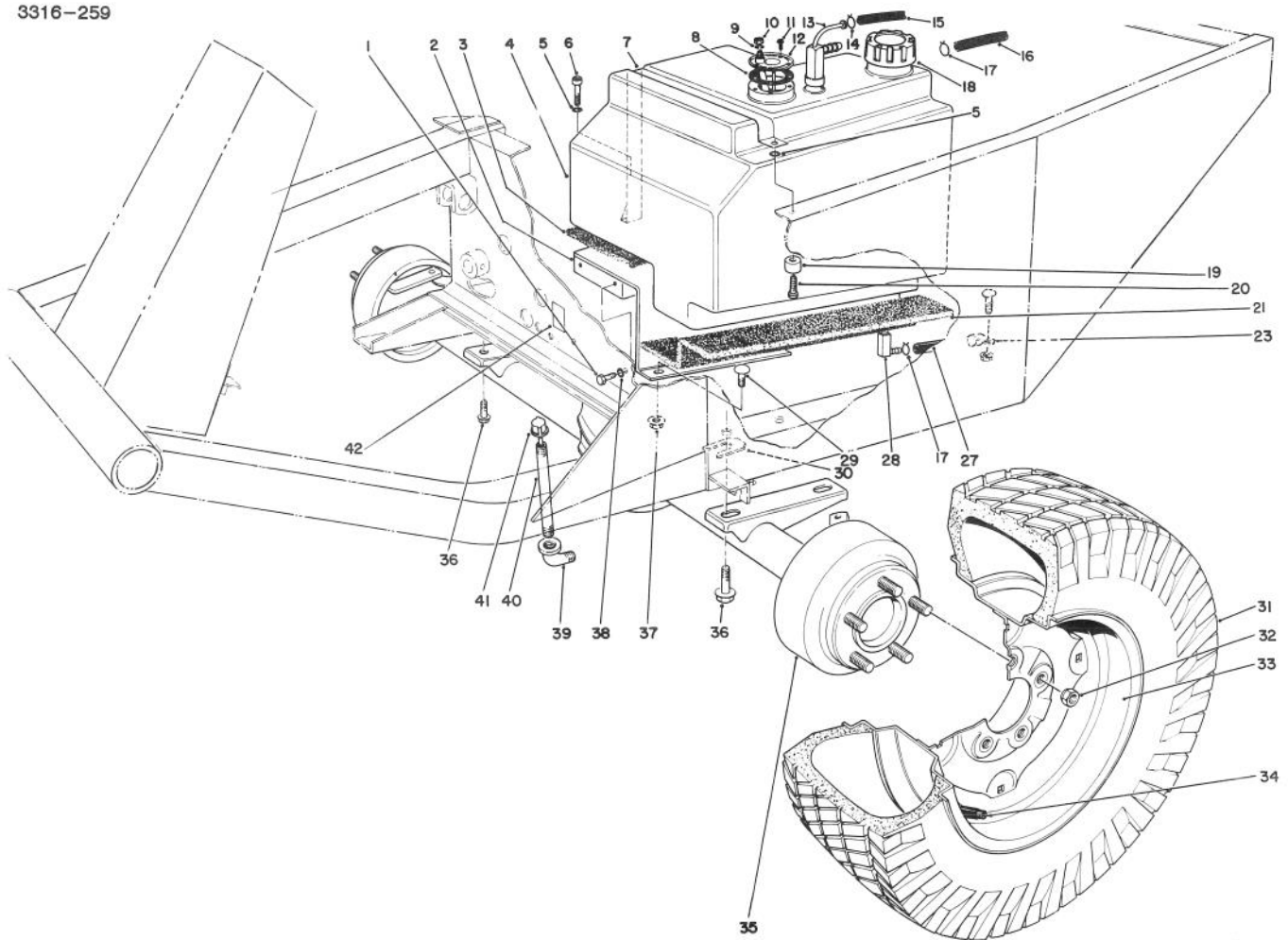
Ref. No.	Part No.	Description	No. Used
1		Ring - Seal	5
2		Ring - Valve	1
3		Plate - Valve	1
4		Spring	3
5		Pin - Alignment	9
6		Manifold - Isolation	1
7		Ring - Metering	1
8		Hex Drive Assy.	1
9		Link - Drive	1
10		Screw - Hex. Hd. Socket	11
11		Seal - Commutator	1
12		Cover - Commutator	1
13		Commutator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

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

*Not Illustrated

HYDRAULIC SCHEMATIC





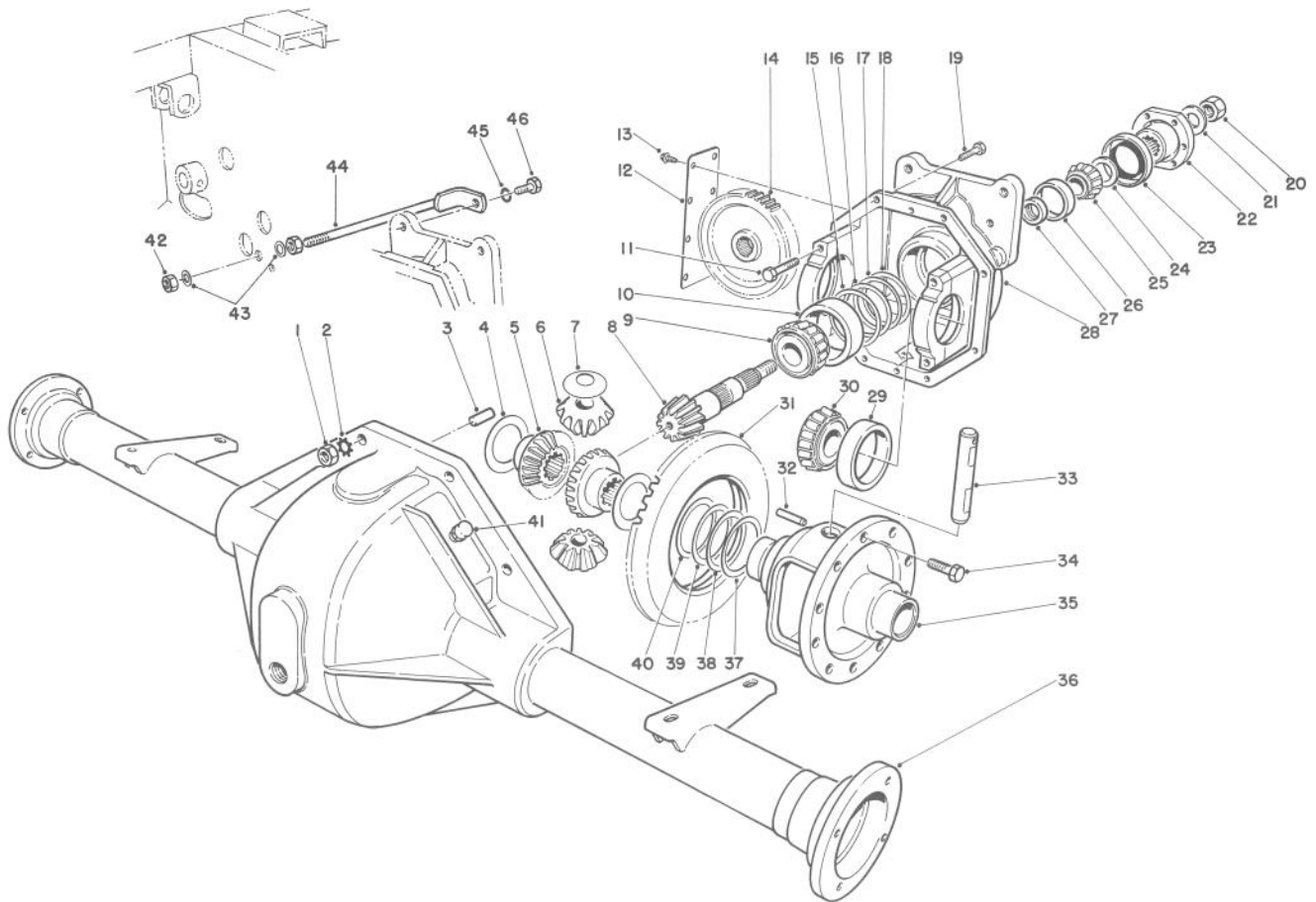
T-0926

FRONT AXLE & FUEL TANK ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	32104-6	Screw - Self Tapping	2
2	68-9760	Fuel Tank Base	1
3	21-3600	Foam - Tank Support	1
4	43-4150	Fuel Tank (Incl. Ref. #13 & 14)	1
5	3253-3	Washer - Lock	2
6	32104-96	Screw - Cap Hex. Hd.	1
7	37-9550	Strap - Fuel Tank	1
8	62-7650	Gasket	1
9	3253-17	Washer - Lock	1
10	3219-14	Nut	1
11	32144-53	Screw - Thread Forming	5
12	62-6840	Sender - Fuel Level	1
13	43-4160	Fitting - Return & Vent	1
14	2412-79	Clamp	1
15	43-4230	Hose - Return	1
16	43-5690	Hose - Vent, Fuel Tank	1
17	2412-6	Clamp	2
18	55-3572	Fuel Cap	1
19	22-7810	Spacer	1
20	321-6	Screw - Cap Hex. Hd.	1
21	21-3610	Foam - Tank Support	1
23	2412-4	Clamp	1

Ref. No.	Part No.	Description	No. Used
27	63-9640	Hose - Fuel	1
28	43-4190	Fitting Assembly	1
29	3230-2	Bolt - Carriage	3
30	42-6080	Shim - Axle	A/R
31	231-138	Tire - 6 Ply	2
*	231-95	Tire - 23x10.5x12 (Optional)	2
32	23-7270	Nut - Wheel	10
33	217-117	Rim	2
*	217-116	Rim - 23x10.5x12 (Optional)	2
34	232-31	Valve Stem w/Cap	2
*	232-27	Valve Stem (For 23x10.5x12 Rim Opt.)	1
35	86-9630	Front Axle Assembly	1
36	32144-67	Screw - Cap Thd. Forming	4
37	32128-20	Nut - Flange	3
38	3253-21	Washer - Lock	2
39	2811-9	Street Elbow	1
40	289-37	Nipple - Pipe	1
41	23-5180	Dipstick	1
42	53-4430	Decal - Oil	1
*	231-90	Tube - Inner	2

*Not Illustrated

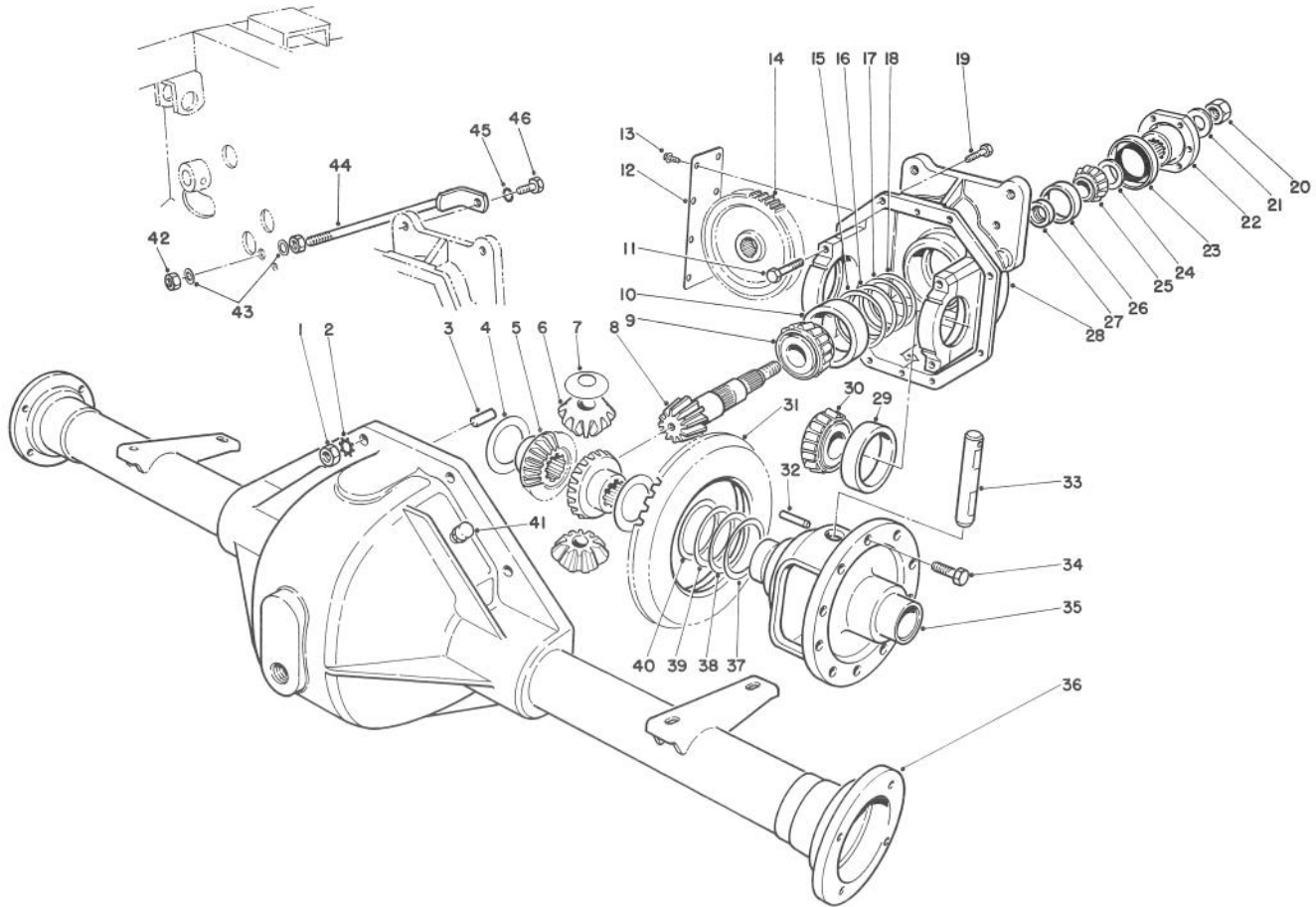


T-0905

FRONT AXLE ASSEMBLY NO. 86-9630

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	3219-2	Nut	8	*24	72-3573	Shim .100 - Diff. Adjust.	A/R
2	3255-8	Washer - Lock	8	*	72-3574	Shim .102 - Diff. Adjust.	A/R
3	21-8270	Pin - Dowel	2	*	72-3575	Shim .104 - Diff. Adjust.	A/R
4	21-7720	Washer - Thrust	2	*	72-3576	Shim .106 - Diff. Adjust.	A/R
5	24-8790	Gear - Bevel, Diff. Side	2	*	72-3577	Shim .108 - Diff. Adjust.	A/R
6	21-7690	Gear - Pinion	2	*	72-3578	Shim .110 - Diff. Adjust.	A/R
7	21-7730	Washer - Thrust	2	*	72-3580	Shim .112 - Diff. Adjust.	A/R
8		Pinion - Drive	1	*	72-3581	Shim .114 - Diff. Adjust.	A/R
9	43-6760	Cone - Bearing, Tapered	1	*	72-3582	Shim .116 - Diff. Adjust.	A/R
10	43-6750	Cup - Bearing, Tapered	1	*	72-3583	Shim .118 - Diff. Adjust.	A/R
11	92-1773	Screw - Cap Hex. Hd.	4	*	72-3584	Shim .120 - Diff. Adjust.	A/R
12	21-7830	Cover - Gear	1	*	72-3585	Shim .125 - Diff. Adjust.	A/R
13	12-5450	Screw - Thread Forming	8	*	72-3586	Shim .127 - Diff. Adjust.	A/R
14	86-7230	Gear - Spur	1	*	72-3587	Shim .129 - Diff. Adjust.	A/R
15	43-6710	Shim .003 - Diff. Adjust.	A/R	*	72-3588	Shim .131 - Diff. Adjust.	A/R
16	43-6711	Shim .005 - Diff. Adjust.	A/R	*	72-3590	Shim .133 - Diff. Adjust.	A/R
17	43-6712	Shim .010 - Diff. Adjust.	A/R	*	72-3591	Shim .135 - Diff. Adjust.	A/R
18	43-6713	Shim .030 - Diff. Adjust.	A/R	*	72-3592	Shim .137 - Diff. Adjust.	A/R
19	3210-7	Screw - Cap Hex. Hd.	8	*	72-3593	Shim .139 - Diff. Adjust.	A/R
20	71-4350	Nut	1	*	72-3594	Shim .141 - Diff. Adjust.	A/R
21	71-4340	Washer	1	*	72-3595	Shim .143 - Diff. Adjust.	A/R
22	68-7010	Flange	1	*	72-3596	Shim .145 - Diff. Adjust.	A/R
23	71-4330	Seal	1	*	72-3597	Shim .147 - Diff. Adjust.	A/R
24	72-3570	Shim .094 - Diff. Adjust.	A/R	*	72-3598	Shim .149 - Diff. Adjust.	A/R
*	72-3571	Shim .096 - Diff. Adjust.	A/R	*	72-3600	Shim .151 - Diff. Adjust.	A/R
*	72-3572	Shim .098 - Diff. Adjust.	A/R	25	254-91	Cone - Bearing	1

*Not Illustrated



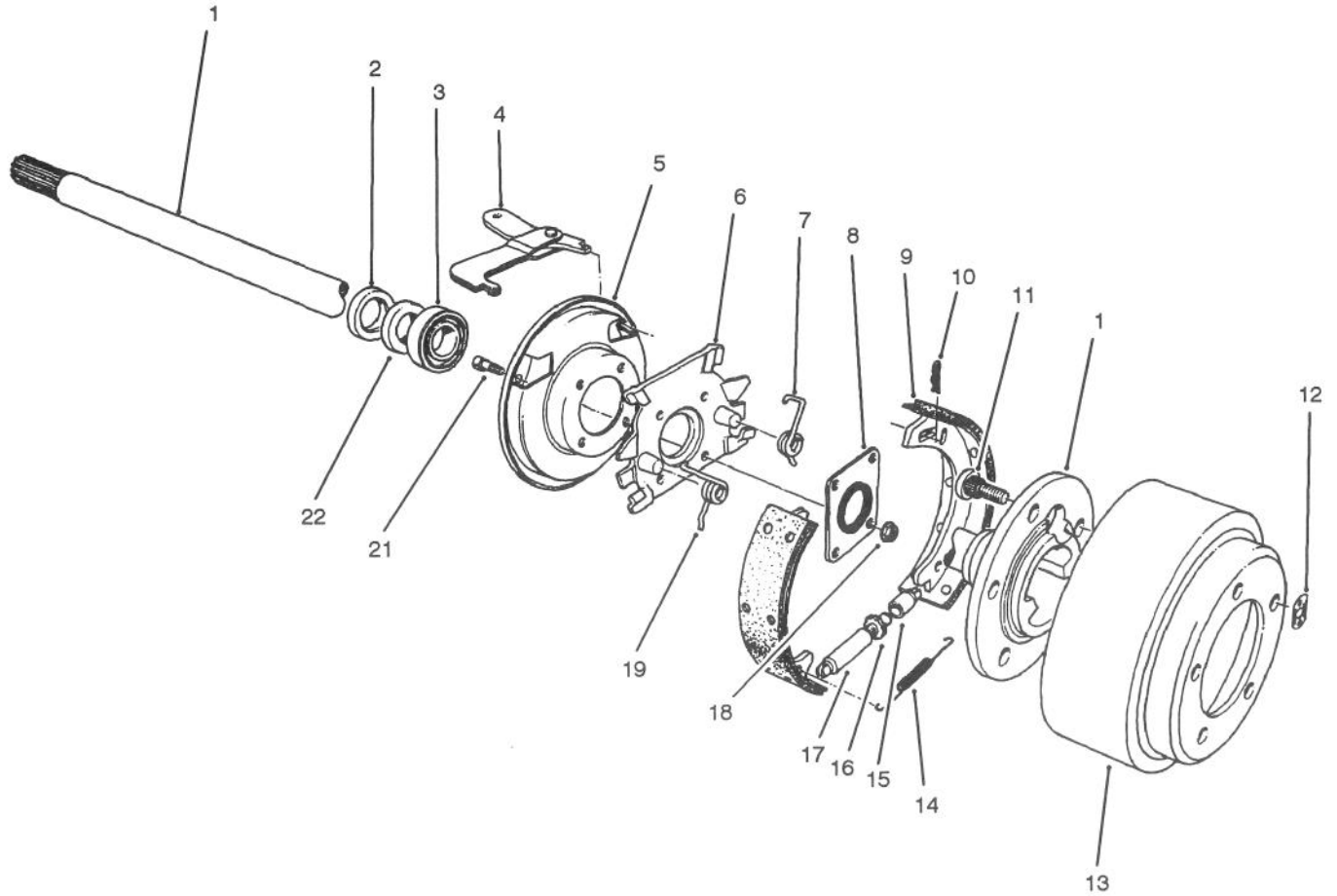
T-0905

FRONT AXLE ASSEMBLY NO. 86-9630 (Continued)

Ref. No.	Part No.	Description	No. Used
26	254-90	Cup - Bearing	1
27	21-8020	Spacer - Bearing, Pinion Ft.	1
28	86-9610	Carrier Assembly (Incl. Ref.#11)	1
29	254-66	Cup - Bearing, Tapered	2
30	254-65	Cone - Bearing, Tapered	2
31		Gear - Ring	1
32	32121-15	Pin - Roll	1
33	21-7700	Shaft - Pinion, Mate	1
34	21-7770	Screw - Gear, Drive	5
35	21-7670	Case - Differential	1
36	43-6840	Housing - Lower	1
37	21-8120	Shim .030 - Diff. Adjust.	A/R

Ref. No.	Part No.	Description	No. Used
38	21-8110	Shim .010 - Diff. Adjust.	A/R
39	21-8100	Shim .005 - Diff. Adjust.	A/R
40	21-8090	Shim .003 - Diff. Adjust.	A/R
41	72-9420	Vent Assembly	1
42	3217-9	Nut - Hex.	2
43	3256-6	Washer - Flat	2
44	24-9830	Support - Axle	1
45	3253-21	Washer - Lock	1
46	323-6	Screw - Cap Hex. Hd.	1
*	92-1676	Gear & Pinion Assembly (Incl. Ref. #8 & 31)	1
*	92-4902	Assy. - Upper Housing, 4WD (Incl. Ref. #4-35 & 37-40)	1

*Not Illustrated

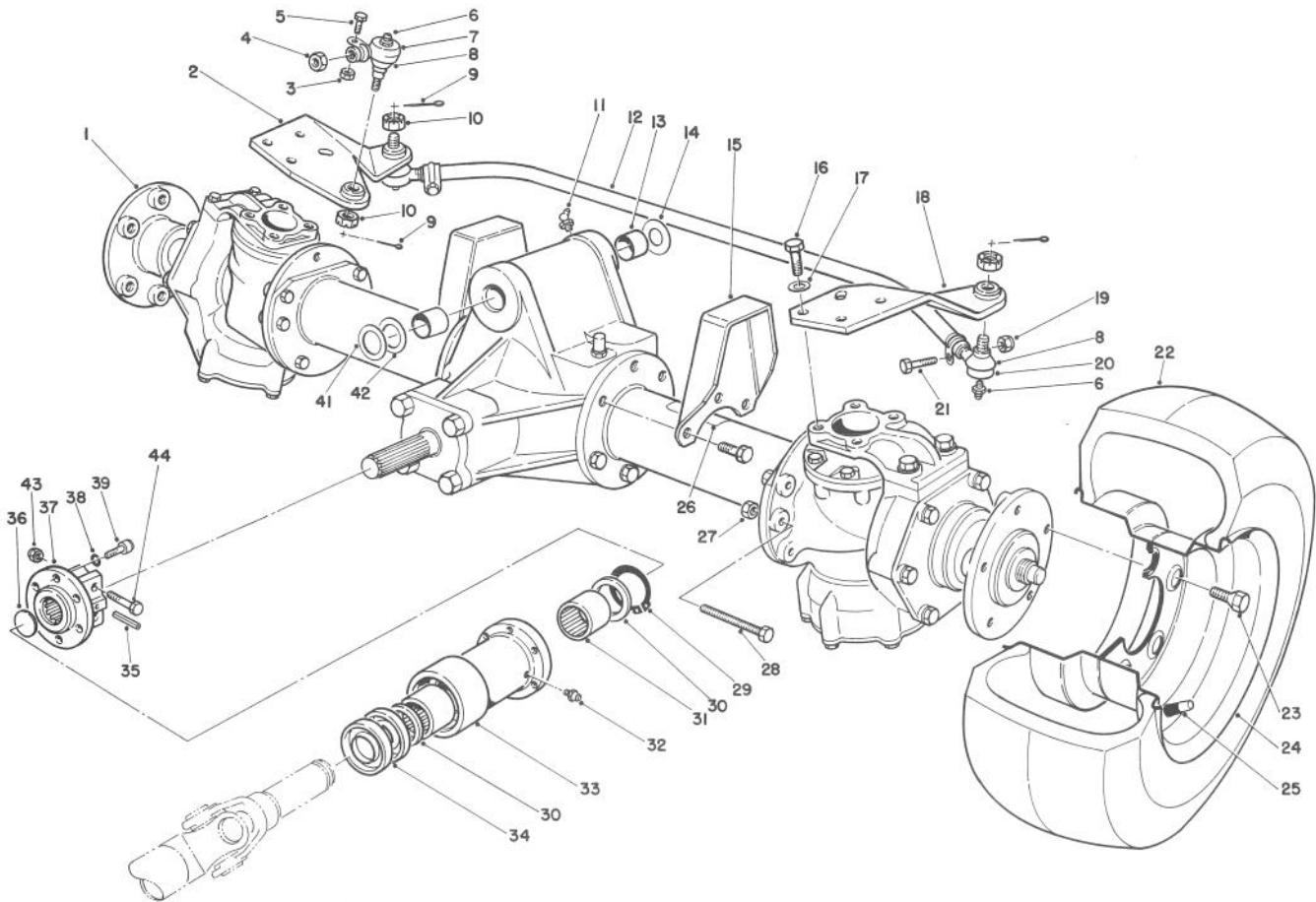


T-0421A

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

Ref. No.	Part No.	Description	No. Used
12	21-8360	Clip - Retaining	2
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	43-6800	Nut - Lock	8
19	21-9420	Spring - Shoe Return L.H.	2
21	24-8840	Ring - Wheel Bearing	2
22	28-0660	Screw - Cap Hex. Hd.	8
*	92-8775	Kit - Gasket, Liquid	1



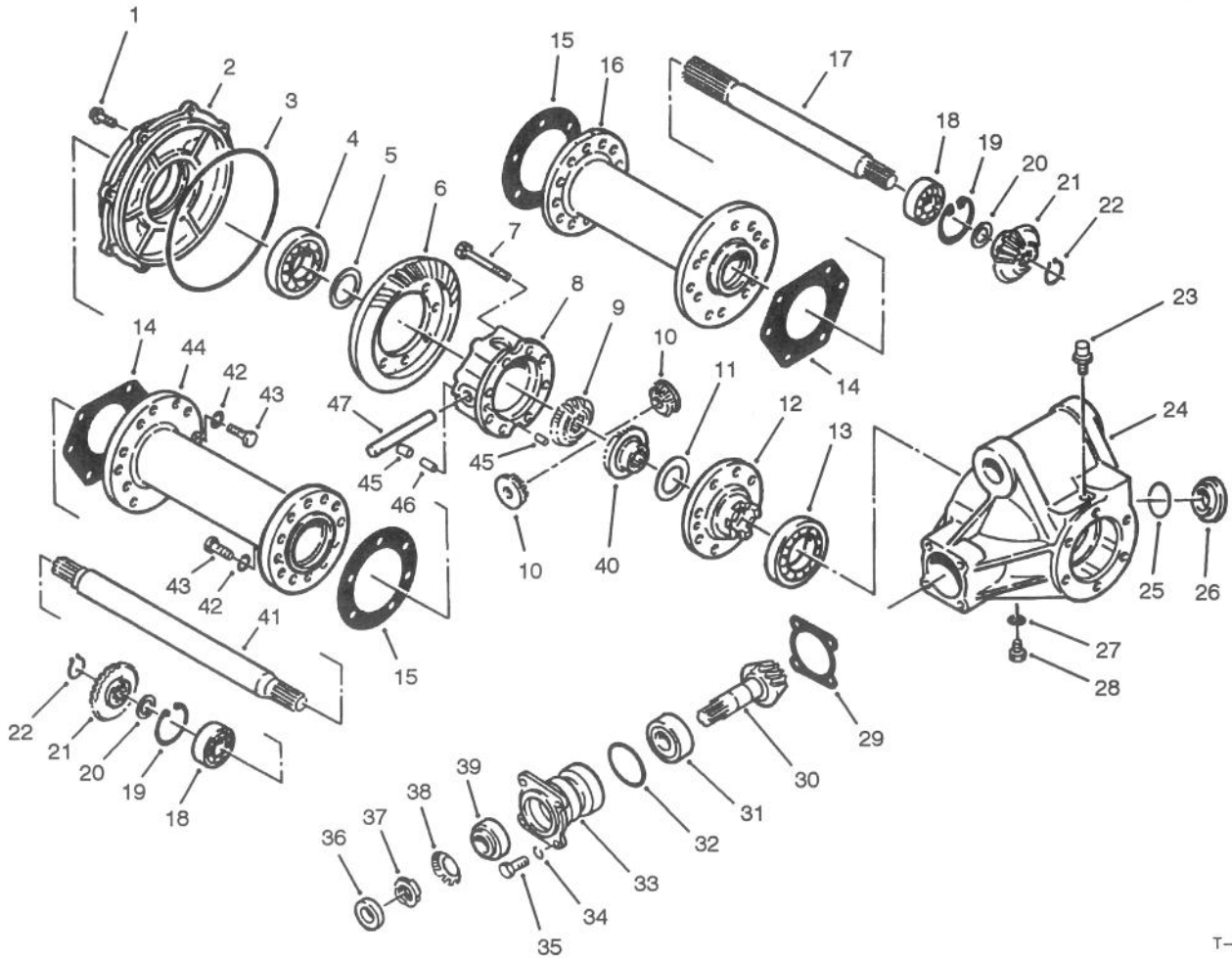
T-0903A

STEERABLE AXLE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	68-6822	Axle - Drive, Steerable	1
2	68-6910	Arm - R.H., Steering	1
3	3296-43	Nut - Lock	1
4	3220-5	Nut - Jam	1
5	3210-7	Screw - Cap Hex. Hd.	1
6	302-55	Fitting - Grease	3
7	68-6870	Rod End (Incl. Ref.#3, 5, 6, 8 & 10)	1
8	71-4760	Seal - Rod	3
9	3272-11	Pin - Cotter	3
10	32136-13	Nut - Slotted	3
11	302-11	Fitting - Grease	1
12	71-4750	Tube & Clamp Assembly	1
*	71-4530	Tie Rod Assembly (Incl. Ref.#6, 8, 10, 12, & 19-21)	1
13	67-1750	Bushing	2
14	71-4540	Washer - Thrust	1
15	68-6990	Stop - Oscillation	2
16	48-7780	Screw - Cap Hex. Hd.	8
17	48-9220	Washer - Flat	8
18	68-6930	Arm - L.H., Steering	1
19	3296-39	Nut - Lock	2
20	71-4740	Rod End	

Ref. No.	Part No.	Description	No. Used
		(Incl. Ref. #6, 8 & 10)	2
21	323-9	Screw - Cap Hex. Hd.	2
22	231-122	Tire	2
23	71-4450	Bolt - Wheel	10
24	217-106	Wheel	2
25	232-31	Stem - Valve	2
26	70-2560	Decal - Lube	1
27	48-7960	Nut	2
28	71-4690	Screw - Cap Hex. Hd.	2
29	32151-87	Ring - Retaining	1
30	71-4590	Washer - Thrust	2
31	71-4580	Clutch - Roller	2
32	302-5	Fitting - Grease	1
33	71-4570	Housing - Clutch,	1
34	253-155	Seal	2
35	32121-34	Pin - Roll	1
36	284-3	Plug - Welch	1
37	76-4690	Coupling - Axle	1
38	3253-3	Washer - Lock	6
39	3274-8	Screw - Cap Hex. Hd.	6
41	56-2460	Washer - Flat	A/R
42	5-1226	Washer	A/R
43	3296-29	Nut - Lock	2
44	322-8	Screw - Cap Hex. Hd.	2

*Not Illustrated

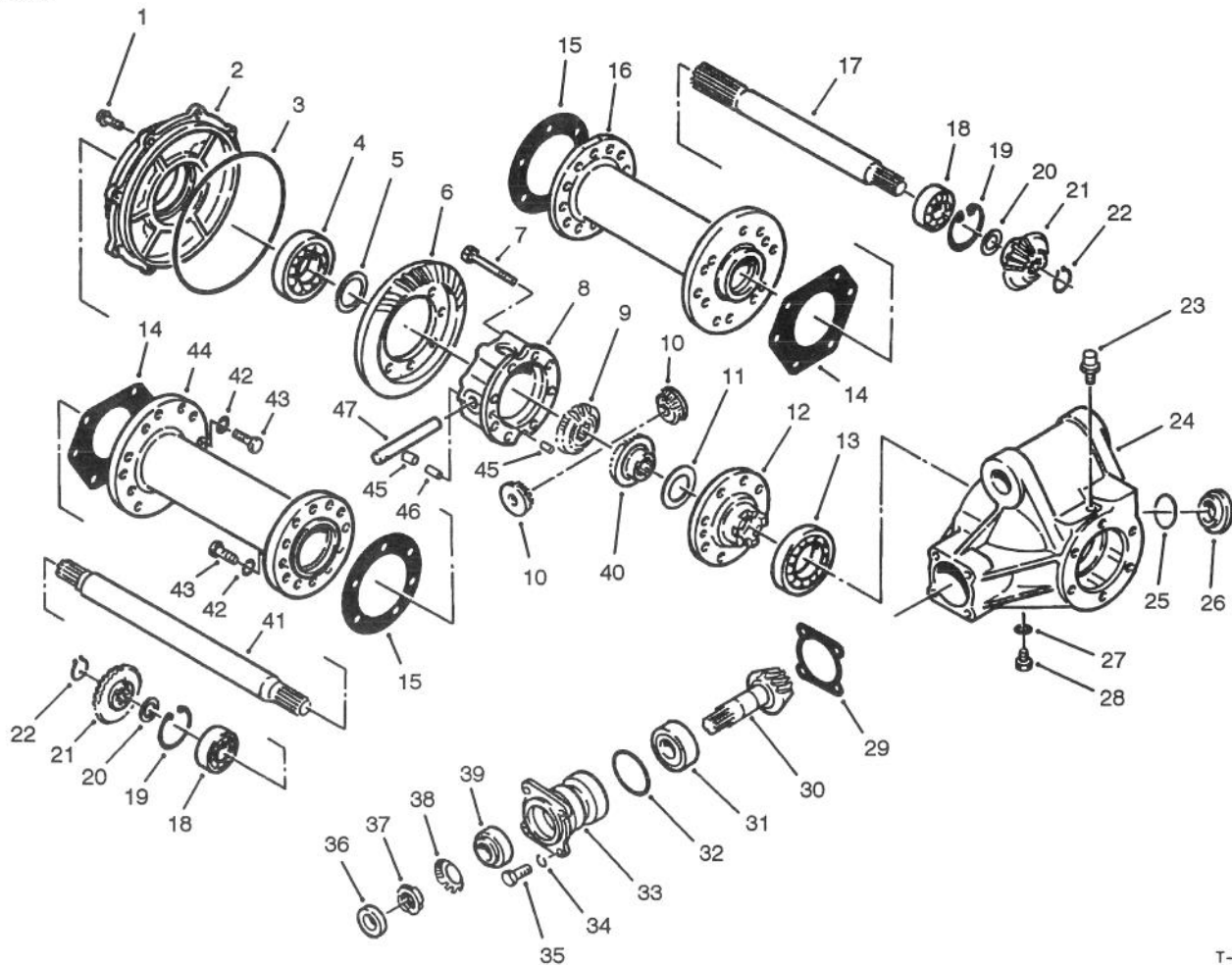


T-1305

REAR AXLE ASSEMBLY NO. 68-6822

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

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

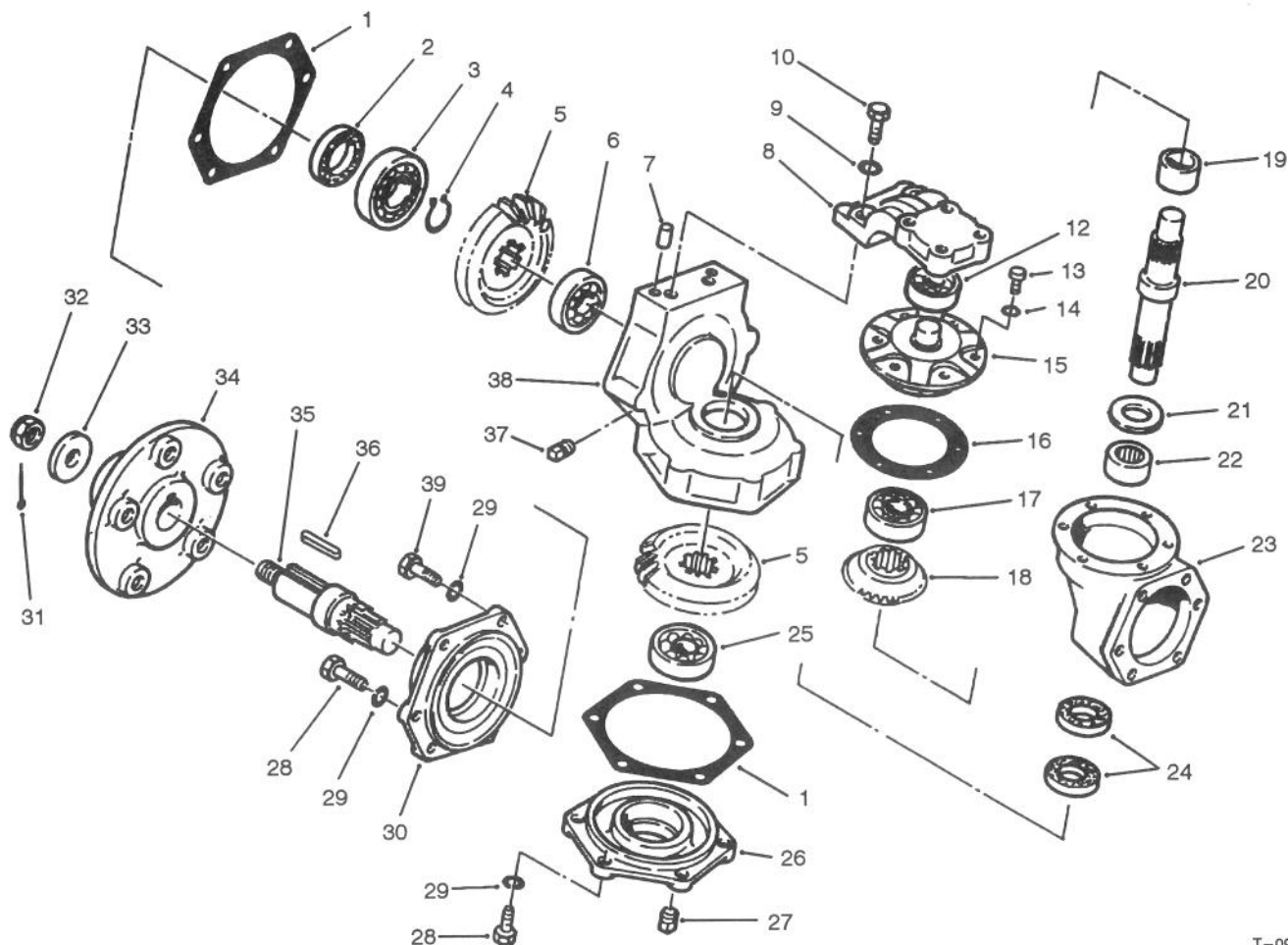


T-1305

REAR AXLE ASSEMBLY NO. 68-6822 (Continued)

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

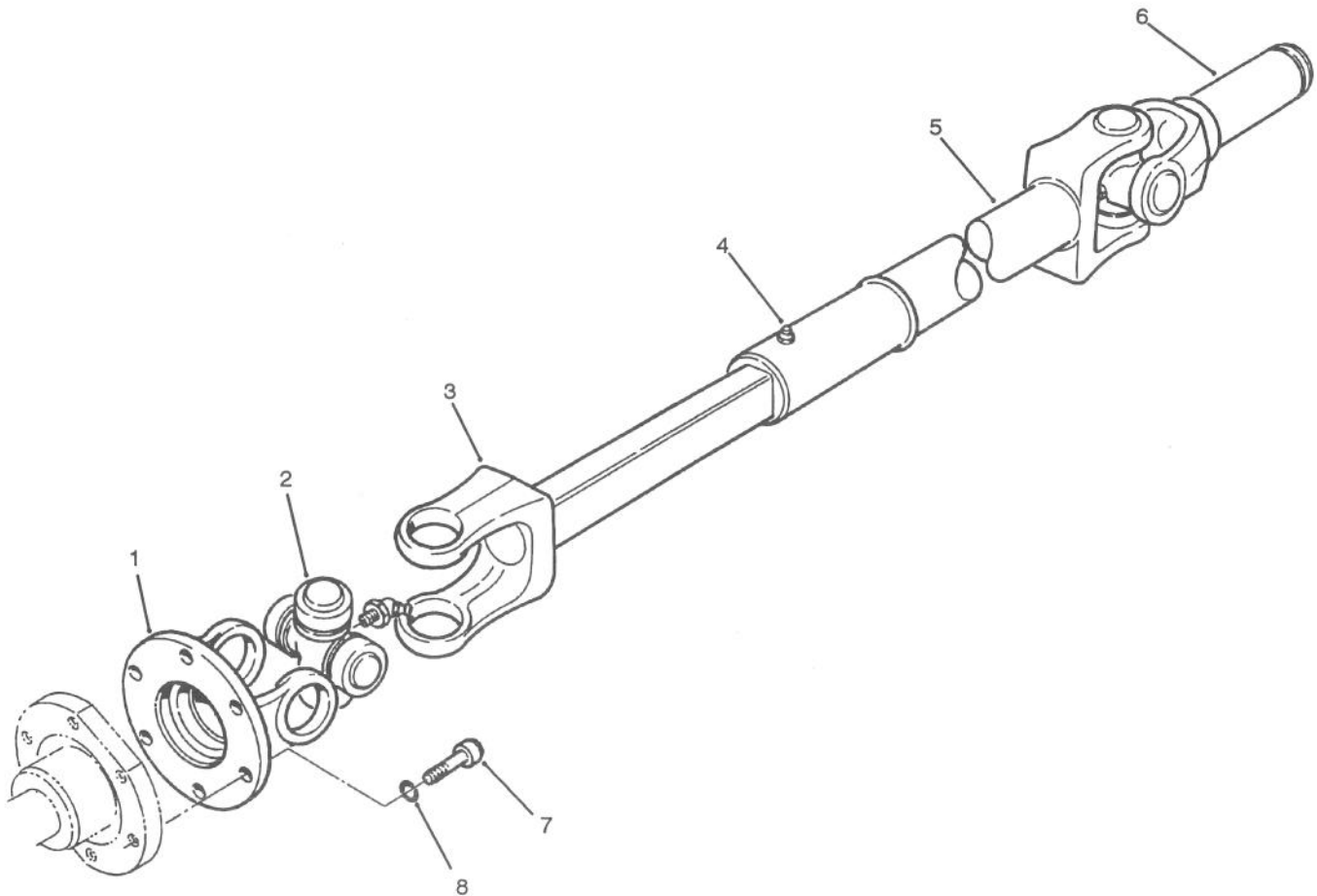
Ref. No.	Part No.	Description	No. Used
47	72-5020	Shaft - Pinion	1
*	77-2970	Ring & Pinion Assembly (Incl. Ref.#6 & 30)	1



T-0912

REAR AXLE ASSEMBLY NO. 68-6822 (Continued)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	72-5620	Gasket	4	21	72-5600	Washer - Thrust	2
2	72-5740	Seal - Oil	2	22	72-5640	Bearing - Needle	2
3	251-348	Bearing - Ball	2	23	72-5510	Gear Box - Axle	2
4	72-5720	Ring - Retaining	2	24	72-5730	Seal - Oil	4
5	72-5580	Gear - Bevel	4	25	251-263	Bearing - Ball	2
6	251-8	Bearing - Ball	2	26	72-5550	Cover	2
7	72-5670	Pin - Dowel	4	27	281-10	Plug - Socket, Hex.	2
8	77-2980	Arm - Knuckle	2	28	48-9460	Screw - Cap, M8 x 25	20
9	42-9600	Washer - Lock	28	29	42-9850	Washer - Lock, M8	28
10	48-9470	Screw - Cap, M10 x 30	4	30	72-5540	Case - Knuckle	2
12	251-347	Bearing - Ball	2	31	3272-17	Pin - Cotter	2
13	72-5790	Screw - Cap, M6 x 18	12	32	72-5770	Nut - Castle	2
14	43-5930	Washer - Lock	12	33	72-5660	Washer - Shaft, Wheel	2
15	72-5590	Retainer - Bearing	2	34	72-5650	Hub - Wheel	2
16	72-5630	Gasket	2	35	72-5570	Shaft - Axle, Outer	2
17	251-349	Bearing - Ball	2	36	72-5780	Key	2
18	72-5090	Gear - Bevel	2	37	281-7	Plug - Pipe, Square Hd.	2
19	72-5680	Spacer	2	38	72-5520	Case - Knuckle	2
20	72-5560	Pin - King, Knuckle	2	39	48-7710	Screw - Cap, M8 x 20	4



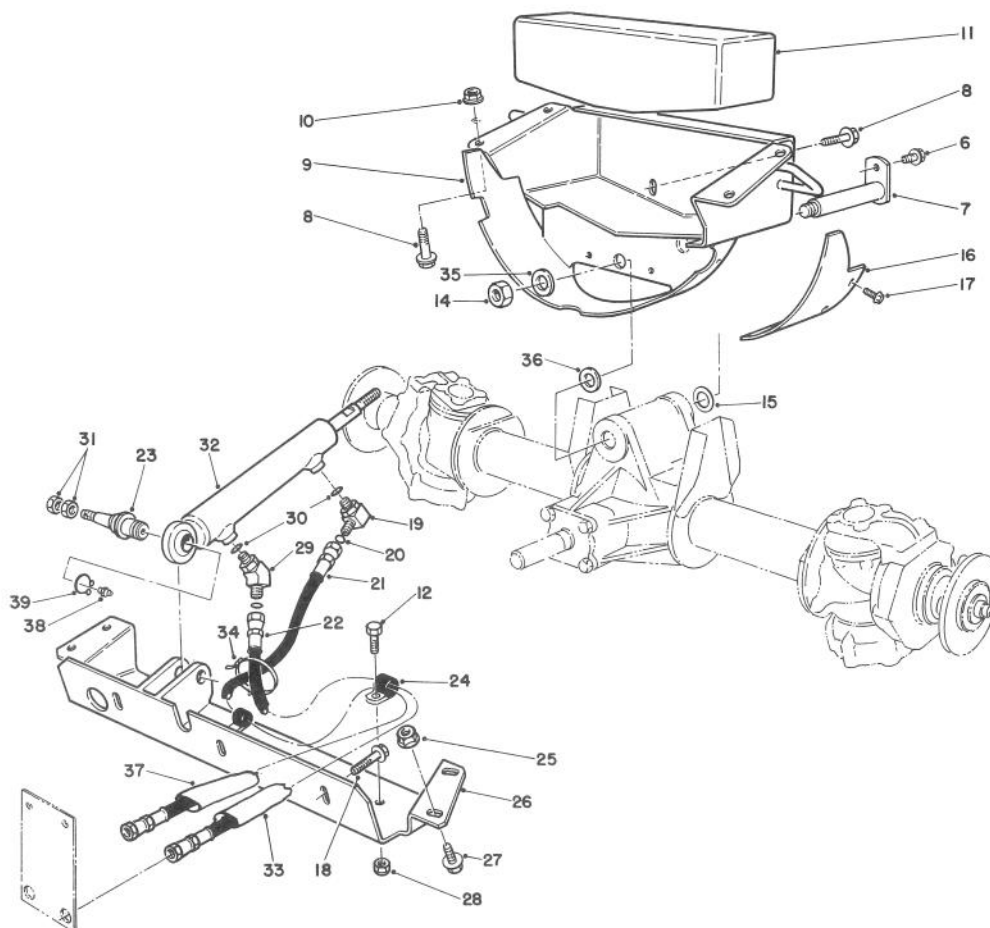
T-0906

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

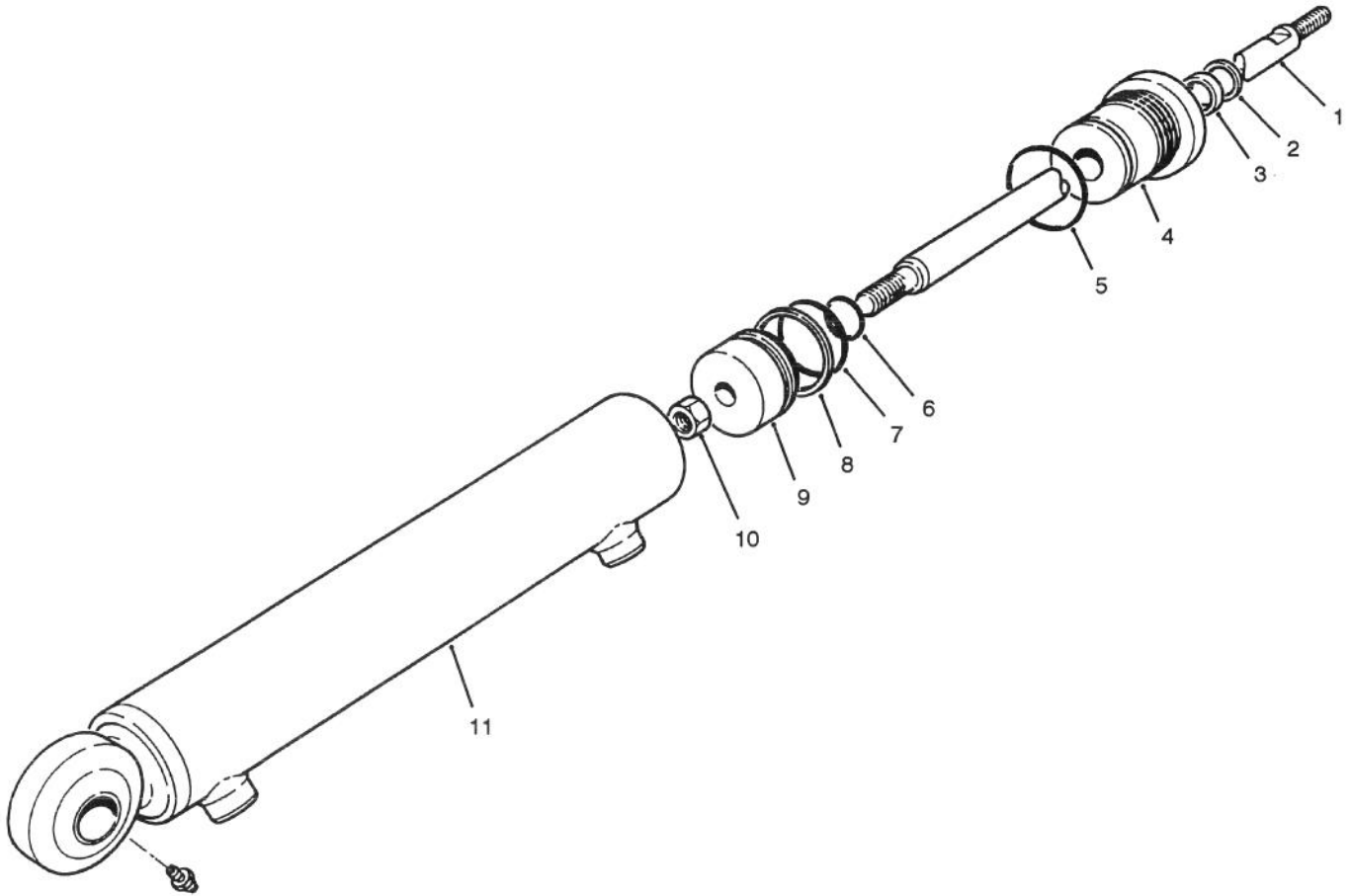
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T-0908A

AXLE SUPPORT & STEERING CROSS MEMBER

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
6	3234-14	Screw - Flange Hex. Hd.	1	24	2412-39	Clamp	2
7	92-7807	Pin W.A. - Axle Rear	1	25	32128-21	Nut - Flange	4
8	3234-32	Screw - Flange Hex. Hd.	6	26	68-6950	Cross Member W.A.	1
9	92-7803	Support W.A. - Axle	1	27	3234-25	Screw - Flange Hex. Hd.	4
10	32128-23	Nut - Lock Flange	4	28	3296-20	Nut - Lock	2
11	67-8960	Weight - Rear	1	29	340-54	Fitting	1
12	322-5	Screw - Cap Hex. Hd.	2	30	237-78	O-Ring	2
14	32146-20	Nut	1	31	3220-6	Nut - Jam	2
15	71-4540	Washer - Thrust	1	32	92-7829	Cylinder - Hyd. Steering	1
16	71-4850	Cover - Guard Flywheel	1	33	92-7839	Sleeve - Protective, Short	1
17	32144-10	Screw - Thread Forming	2	34	3290-379	Tie - Cable	1
18	3234-24	Screw - Flange Hex. Hd.	3	35	5-1226	Washer	A/R
19	340-97	Elbow - Fitting	1	36	56-2460	Washer - Flat	A/R
20	237-22	O-Ring	2	37	92-7840	Sleeve - Protective, Long	1
21	71-4430	Hose Assy. - Steering	1	38	302-5	Fitting - Grease	1
22	68-9710	Hose Assy. - Steering	1	39	32151-104	Ring - Retaining	1
23	92-5838	Ball Joint	1				



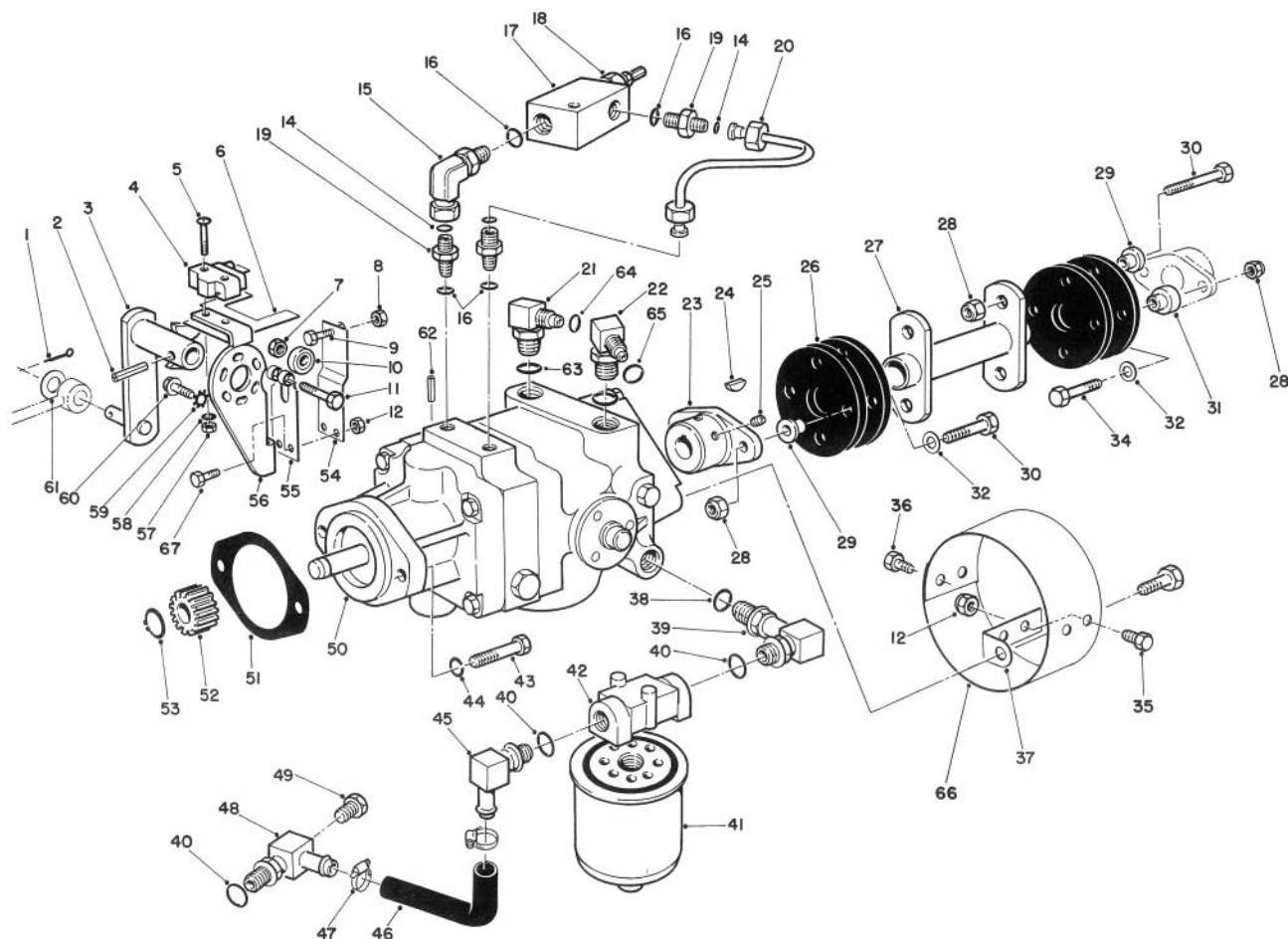
T-0904

STEERING CYLINDER PART NO. 92-7829

Ref. No.	Part No.	Description	No. Used
1	92-8942	Rod	1
2		Wiper	1
3		U-Cup	1
4	92-8944	Gland	1
5		O-Ring	1
6		O-Ring	1
7		O-Ring	1

Ref. No.	Part No.	Description	No. Used
8		Ring - Piston	1
9	92-8943	Piston	1
10	66-1930	Nut	1
11	92-8941	Butt & Tube - Assembly	1
*	92-8945	Kit - Seal (Incl. Ref.#2, 3, & 5-8)	1

*Not Illustrated



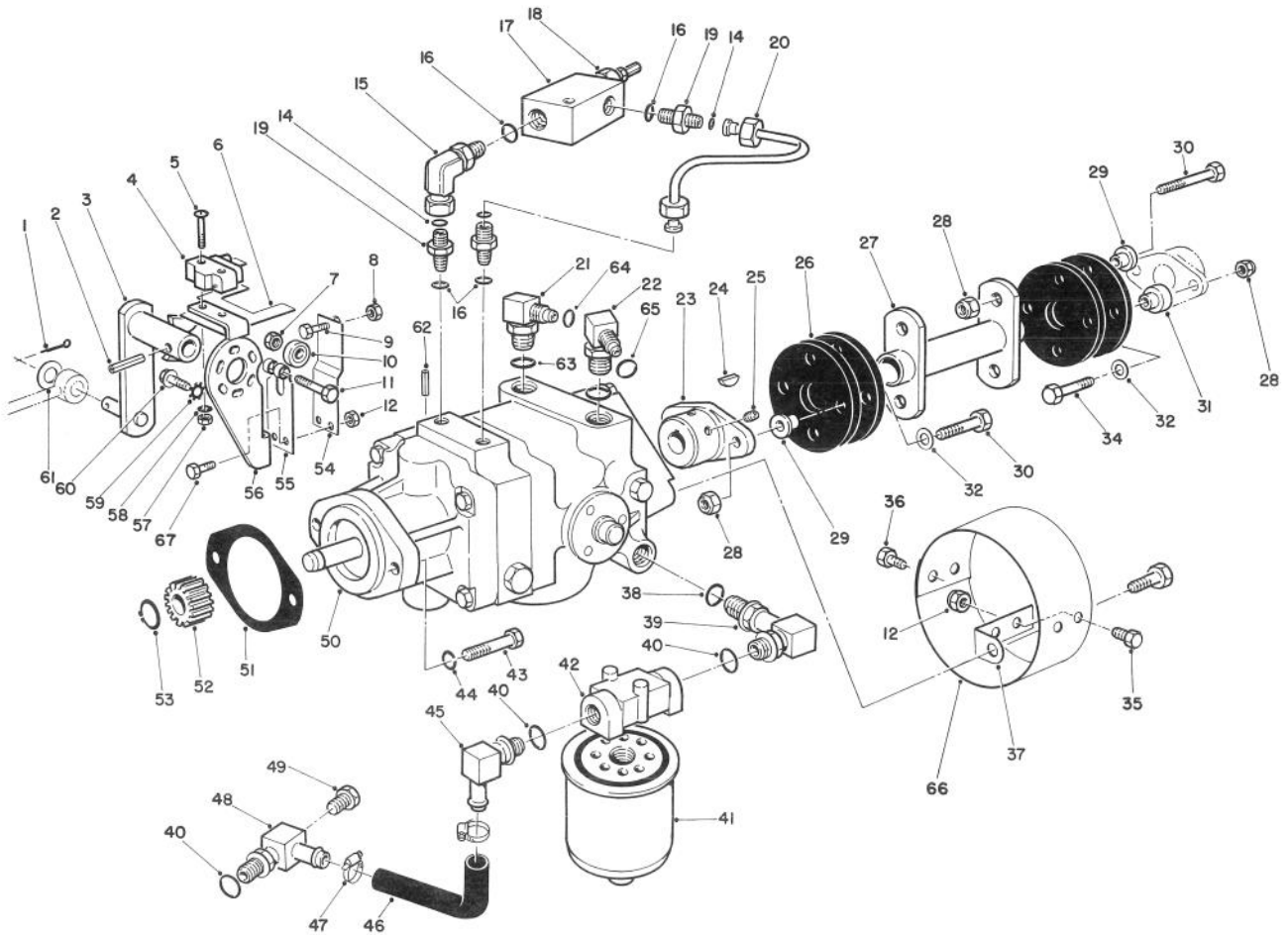
T-0909B

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
24	3257-32	Key - Woodruff	1

Ref. No.	Part No.	Description	No. Used
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.	2
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
49	353-508	Plug - Drain	1
50	92-8947	Transmission - Inline	1
51	41-8760	Gasket - Transmission	1

*Not Illustrated

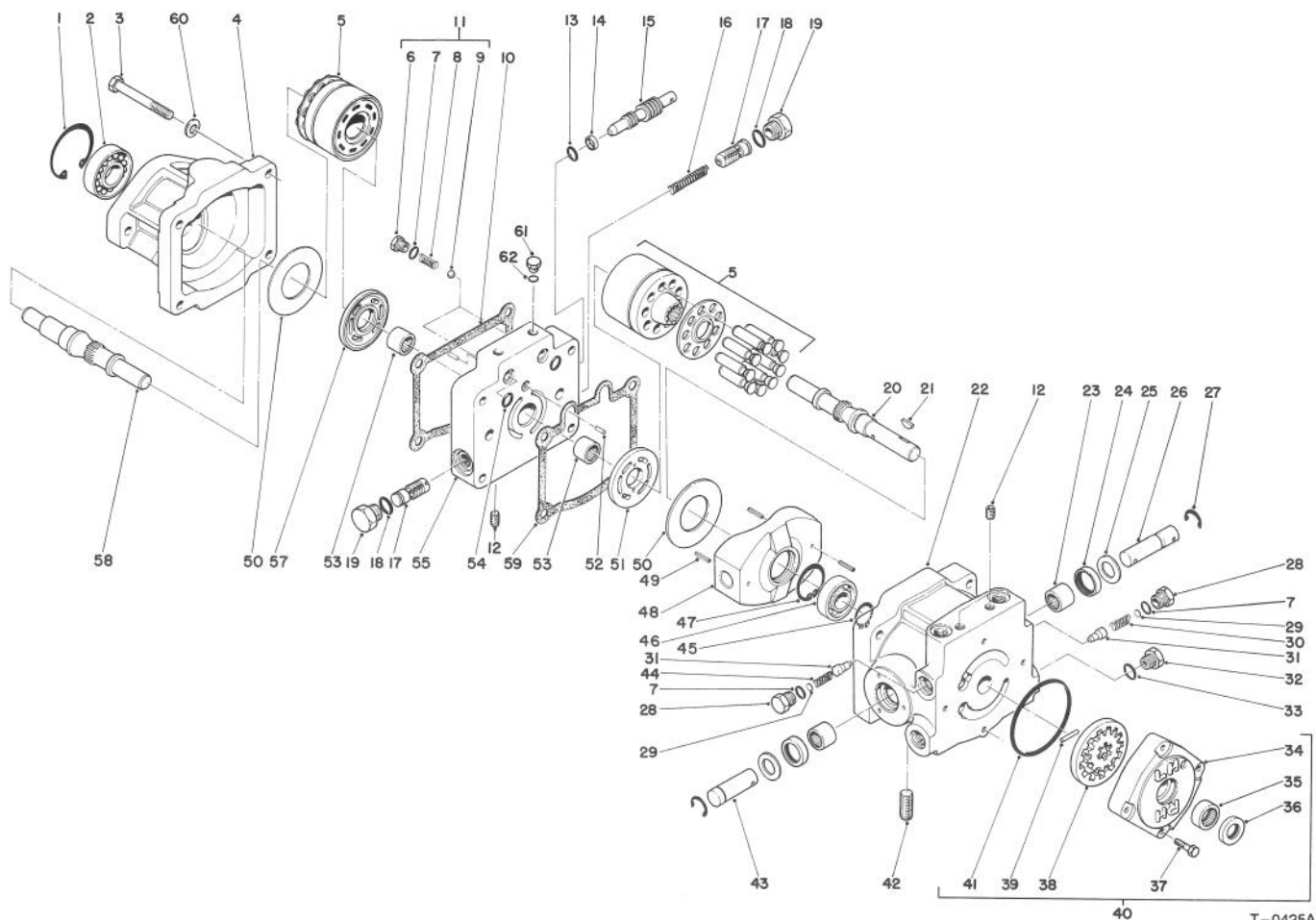


T-0909B

HYDROSTATIC TRANSMISSION (Continued)

Ref. No.	Part No.	Description	No. Used
52	86-7220	Gear - Output, Trans.	1
53	32120-72	Ring - Retaining	1
54	29-6170	Spring - Leaf, Extended	1
55	29-6150	Spring - Leaf	1
56	29-6120	Plate - Pump	1
57	3217-6	Nut - Hex	2
58	3254-9	Washer - Lock	2
59	3255-7	Washer - Lock	3

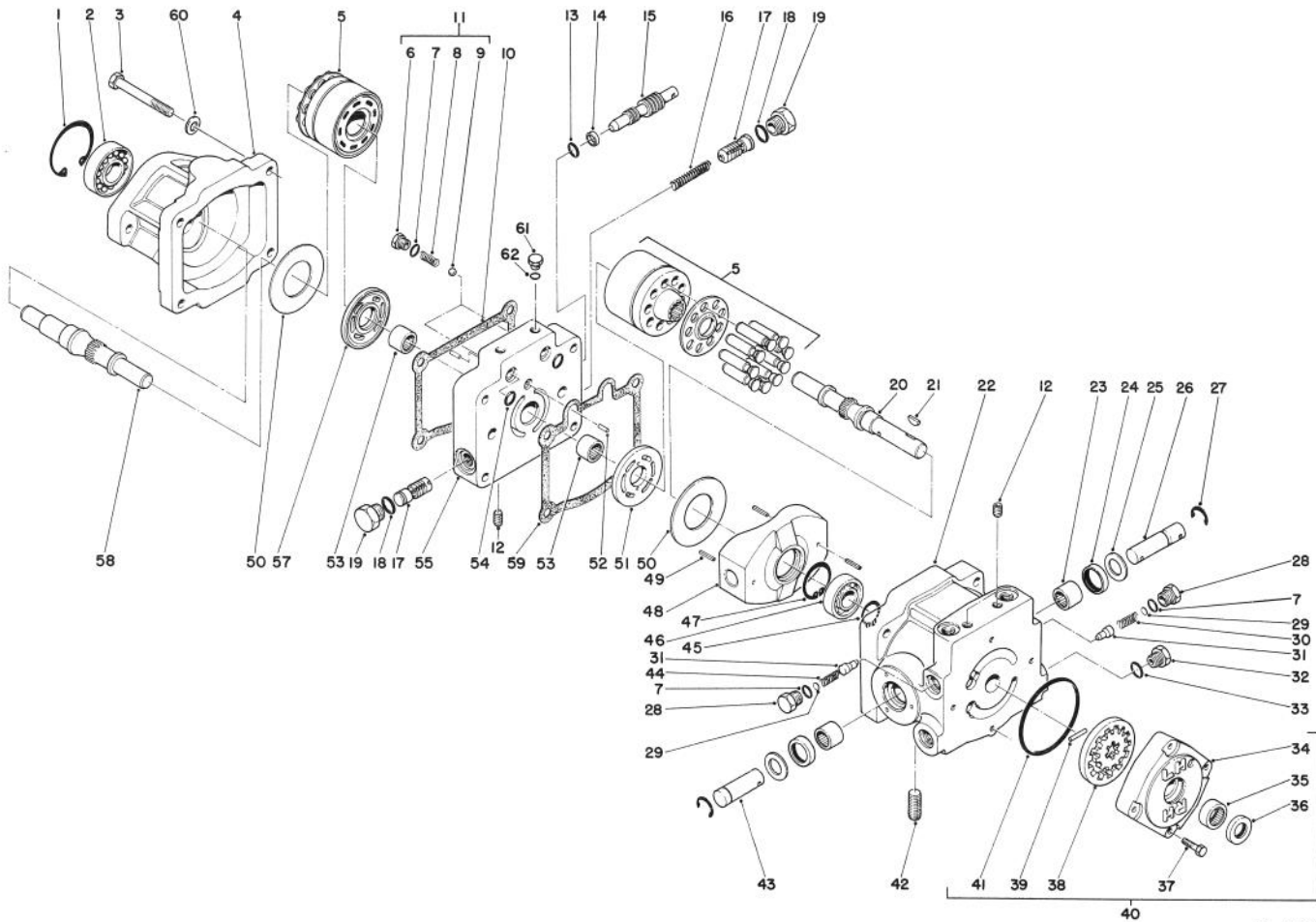
Ref. No.	Part No.	Description	No. Used
60	49-2040	Screw - Self Tapping	3
61	3256-6	Washer - Flat	1
62	32121-6	Pin - Roll	1
63	237-42	O-Ring	2
64	237-22	O-Ring	1
65	237-30	O-Ring	1
66	54-9300	Cover	1
67	321-6	Screw - Cap Hex. Hd.	2



T-0425A

TRANSMISSION ASSEMBLY NO. 92-8947

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	32120-8	Ring - Retaining	1	25	25-2510	Washer - Flat	2
2	72-3750	Bearing - Ball	1	26	25-2580	Trunnion Shaft	1
3	323-13	Screw - Cap Hex. Hd.	4	27	32151-46	Ring - Retaining	2
4	67-9080	Housing - Motor	1	28	25-2460	Plug - Hex. Hd.	2
5	48-1800	Cylinder Block Kit	2	29	25-2470	Shim Pack	2
6	25-2650	Check Valve Plug	2	30	25-2570	Valve Spring	1
7	237-86	O-Ring	4	31	83-7260	Relief Valve Cone	2
8	25-2640	Valve Spring	2	32	353-551	Plug - Hex. Hd.	1
9	25-2490	Ball	2	33	237-80	O-Ring	1
10	67-9100	Gasket	1	34	25-2550	Charge Pump Housing	1
11	25-3180	Check Valve Kit (Incl. Ref. #6-9)	2	35	67-8050	Bearing - Needle	1
12	285-17	Pipe Plug	4	36	67-8060	Lip Seal	1
13	237-22	O-Ring	1	37	322-4	Screw - Cap Hex. Hd.	4
14	25-2630	Back-Up Ring	1	38	25-2680	Gerotor Assembly	1
15	88-8220	By-Pass Valve	1	39	25-2530	Headless Straight Pin	1
16	25-2610	Accel. Valve Spring	1	40	25-3190	Charge Pump (Incl. Ref. #34-39 & 41)	1
17	25-2410	Accel. Valve Assembly	2	41	237-95	O-Ring	1
18	76-1900	O-Ring	2	42	67-9090	Plug	1
19	353-550	Plug - Hex. Hd.	2	43	25-2500	Trunnion Shaft	1
20	67-8020	Pump Shaft	1	44	25-2480	Valve Spring	1
21	3257-32	Key - Woodruff	1	45	32120-15	Ring - Retaining	1
22	54-7890	Pump Housing (Incl. Ref. #12 & 23-25)	1	46	251-8	Bearing - Ball	1
23	252-82	Bearing - Bearing	2	47	32120-11	Ring - Retaining	1
24	25-3210	Lip Seal	2	48	25-2450	Variable Swashplate	1
				49	32121-91	Pin - Coil ,Spring	3

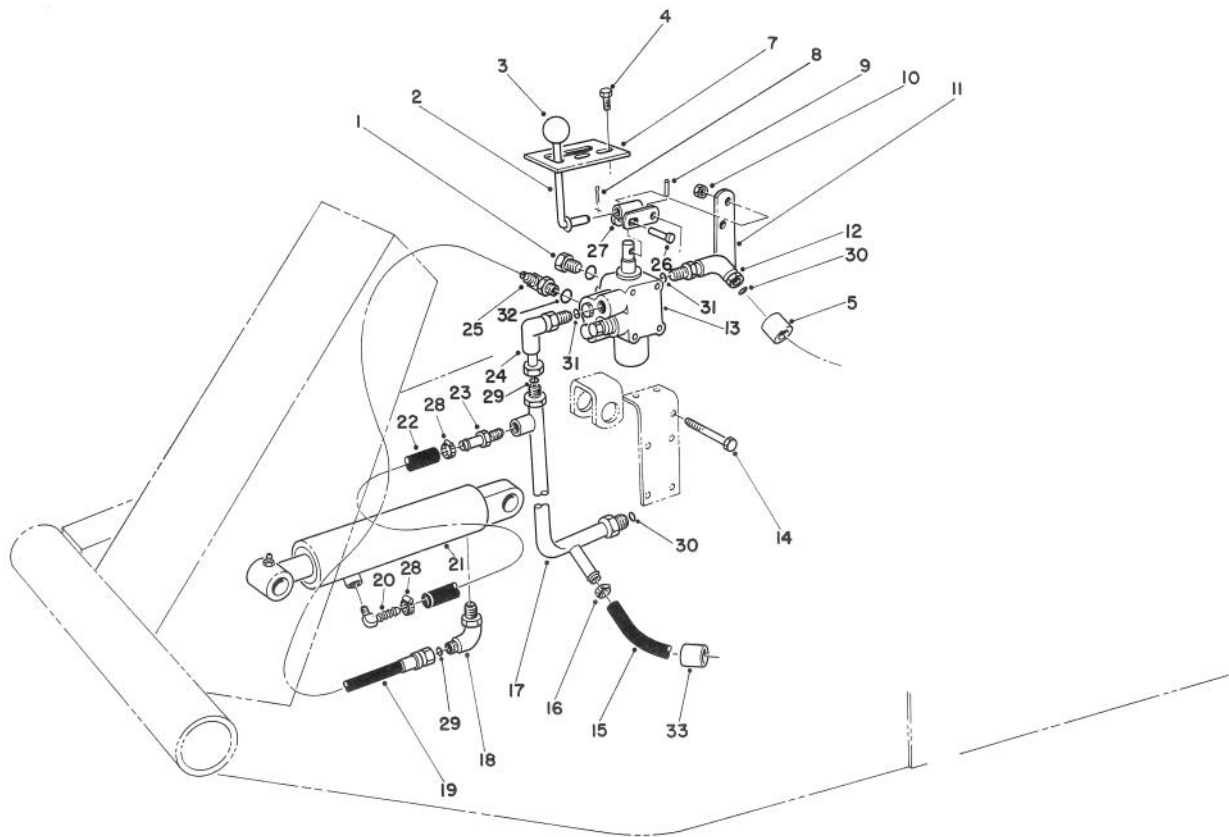


T-0425A

TRANSMISSION ASSEMBLY NO. 92-8947 (Continued)

Ref. No.	Part No.	Description	No. Used
50	25-2380	Thrust Plate	2
51	25-2440	Pump Valve Plate	1
52	25-2430	Dowel Pin	2
53	46-8400	Bearing - Needle	2
54	62-4290	O-Ring	2
55	92-8918	Center Section	1

Ref. No.	Part No.	Description	No. Used
57	25-2390	Motor Valve Plate	1
58	46-8410	Motor Shaft	1
59	25-2400	Gasket	1
60	3256-24	Washer - Flat	4
61	92-8776	Plug	2
62	92-8777	O-Ring	2

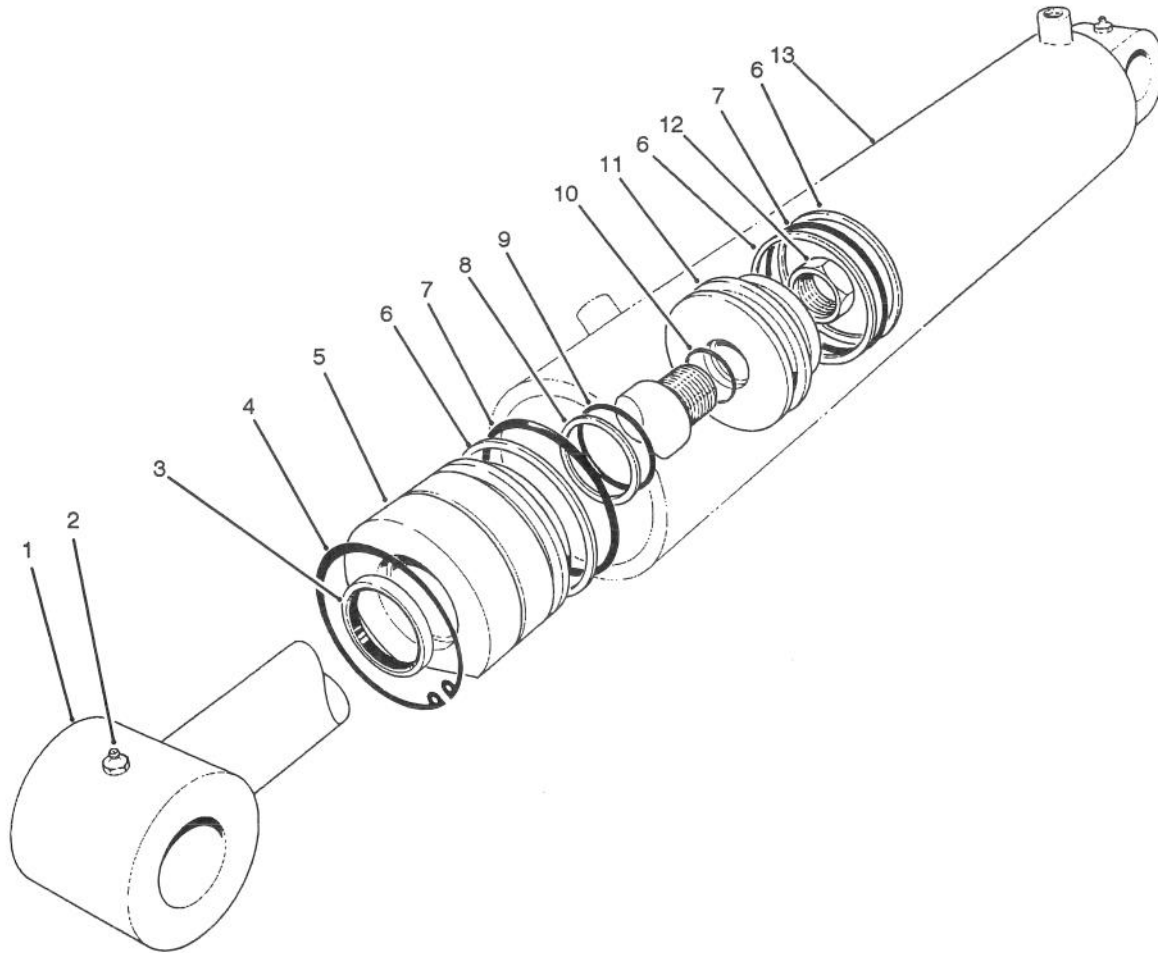


T-0426A

VALVE & CYLINDER ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	353-512	Plug	1	20	304-75	Fitting - 90° Barb	1
2	21-8620	Lever Valve	1	21	62-4250	Cylinder - Hydraulic	1
3	233-21	Knob	1	*	66-1250	Cylinder - Hydraulic (Optional)	1
4	32144-10	Screw - Hex. Self Tapping	2	22	92-7834	Hose	1
7	21-8640	Latch - Valve Lever	1	23	304-73	Fitting - Straight Barb	1
8	3272-6	Pin - Cotter	1	24	340-110	Elbow - 90°	1
9	32121-73	Pin - Slotted Spring	1	25	340-97	Fitting - 90°	1
10	3296-42	Nut - Lock	5	26	283-17	Pin	1
11	21-9010	Pivot Mount - Valve Lever	1	27	21-8590	Link - Valve Lever	1
12	340-99	Fitting - 90° Elbow	1	28	2412-108	Clamp - Hose	2
13	43-1710	Valve Assembly	1	29	237-22	O-Ring	2
14	321-23	Screw - Cap Hex. Hd.	5	30	237-30	O-Ring	2
15	63-8990	Hose	1	31	237-42	O-Ring	2
16	2412-36	Clamp Hose	1	32	237-78	O-Ring	2
17	63-9260	Manifold - Valve	1	33	38-3400	Guard - Rubber	1
18	340-112	Elbow - 90°	1				
19	92-7833	Hose - (Valve to Cylinder)	1				

*Not Illustrated



T-0859

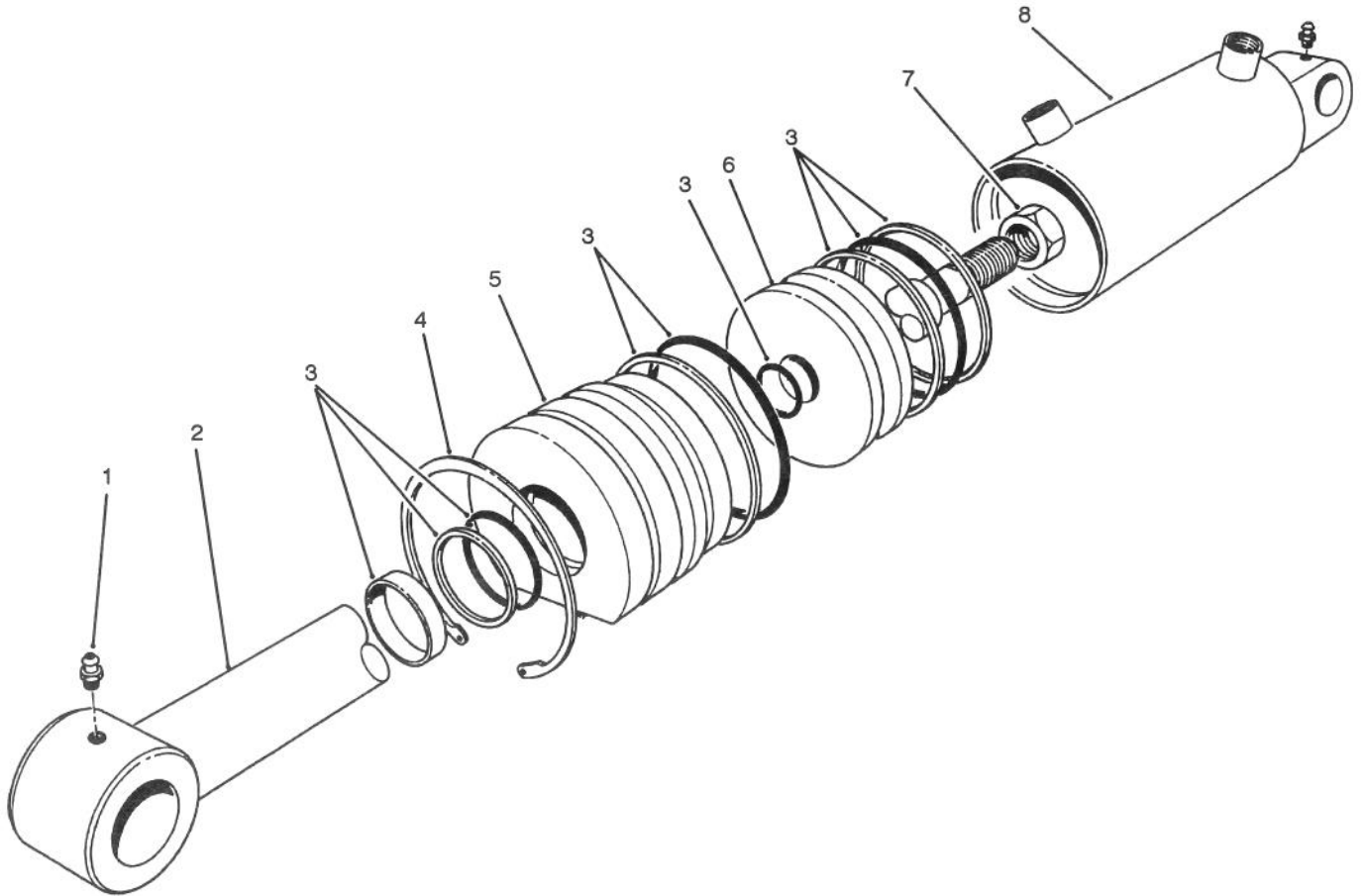
HYDRAULIC LIFT CYLINDER ASSEMBLY NO. 62-4250 (2-1/2" Bore)

Ref. No.	Part No.	Description	No. Used
1	61-4980	Shaft - w/Clevis	1
2	302-55	Fitting - Grease	2
3		Seal - Dust	1
4	61-4990	Ring - Retaining	1
5	60-9780	Head	1
6		Ring - Backup	3
7		O-Ring	2
8		Ring - Backup	1

Ref. No.	Part No.	Description	No. Used
9		O-Ring	1
10		O-Ring	1
11	60-9770	Piston	1
12	60-9760	Nut	1
†13		Barrel	1
*	61-4960	Seal Repair Kit (Incl. Ref. #3, 6-10)	1

*Not Illustrated

†Not available separately.



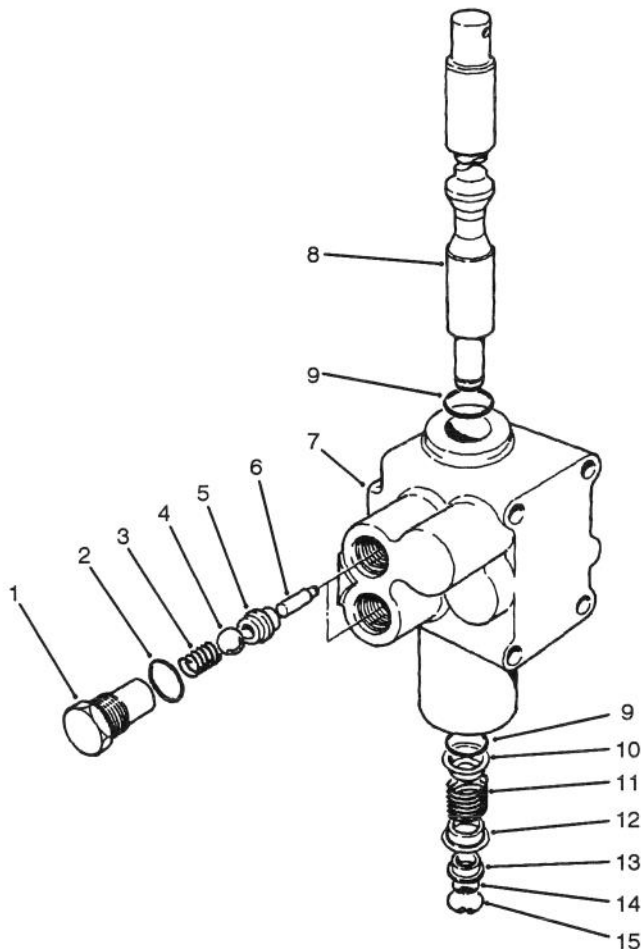
T-0527

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

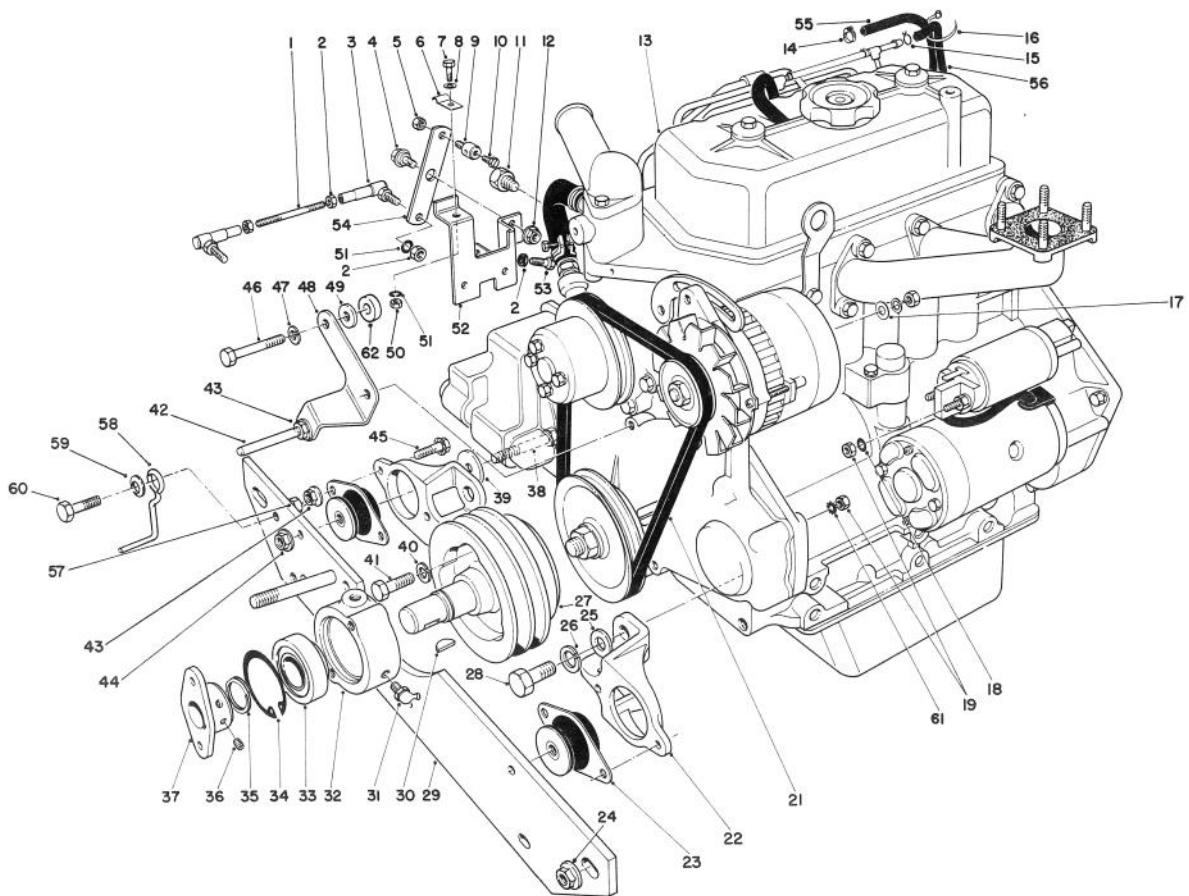
*Not available separately.



T-0428

CONTROL VALVE ASSEMBLY NO. 43-1710

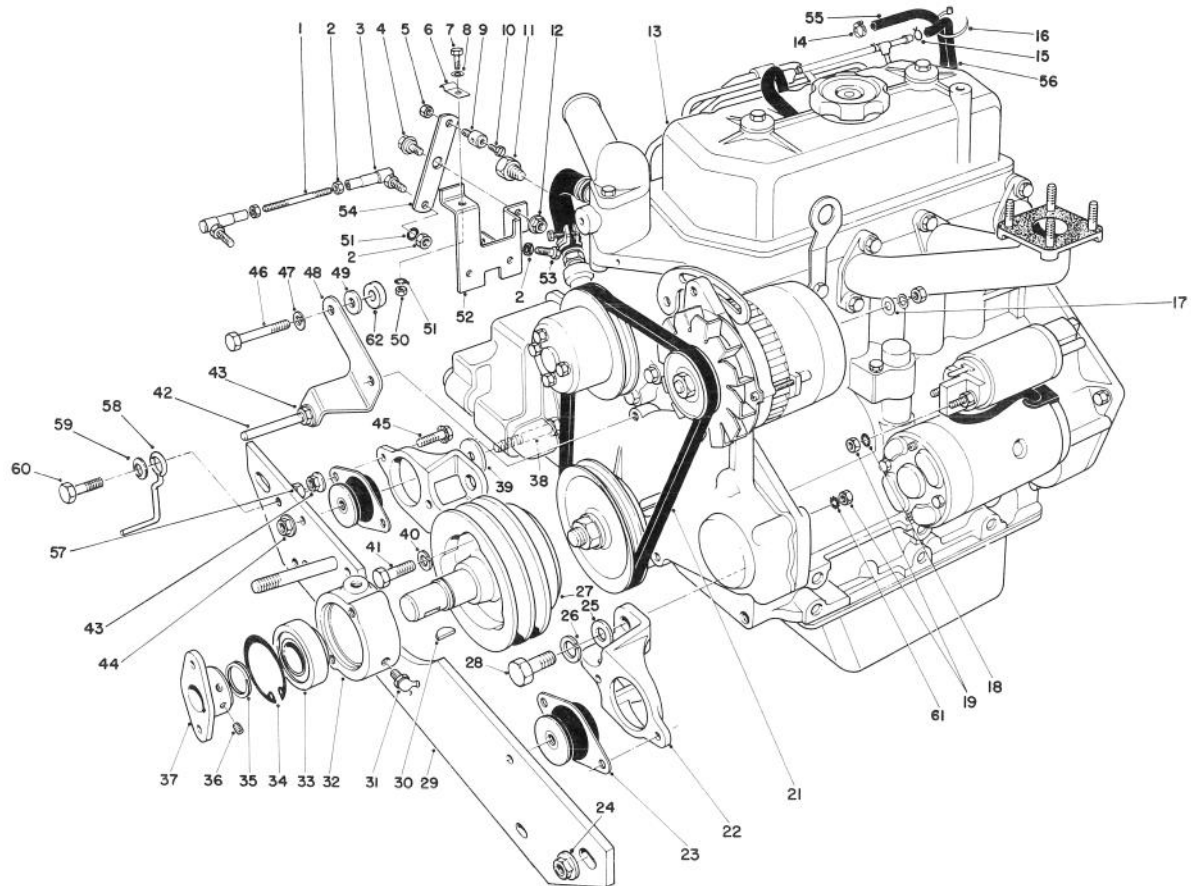
Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	22-8330	Plug	2	8	22-8420	Spool	1
2	237-42	O-Ring	2	10	22-8380	Spring Retainer	1
3	22-8340	Spring	2	11	22-8410	Spring	1
4	22-8350	Ball	2	12	22-8390	Spring Retainer	1
5	22-8370	Seat - Check Valve	2	13	22-8400	Spacer Float	1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



T-0429

ENGINE ASSEMBLY

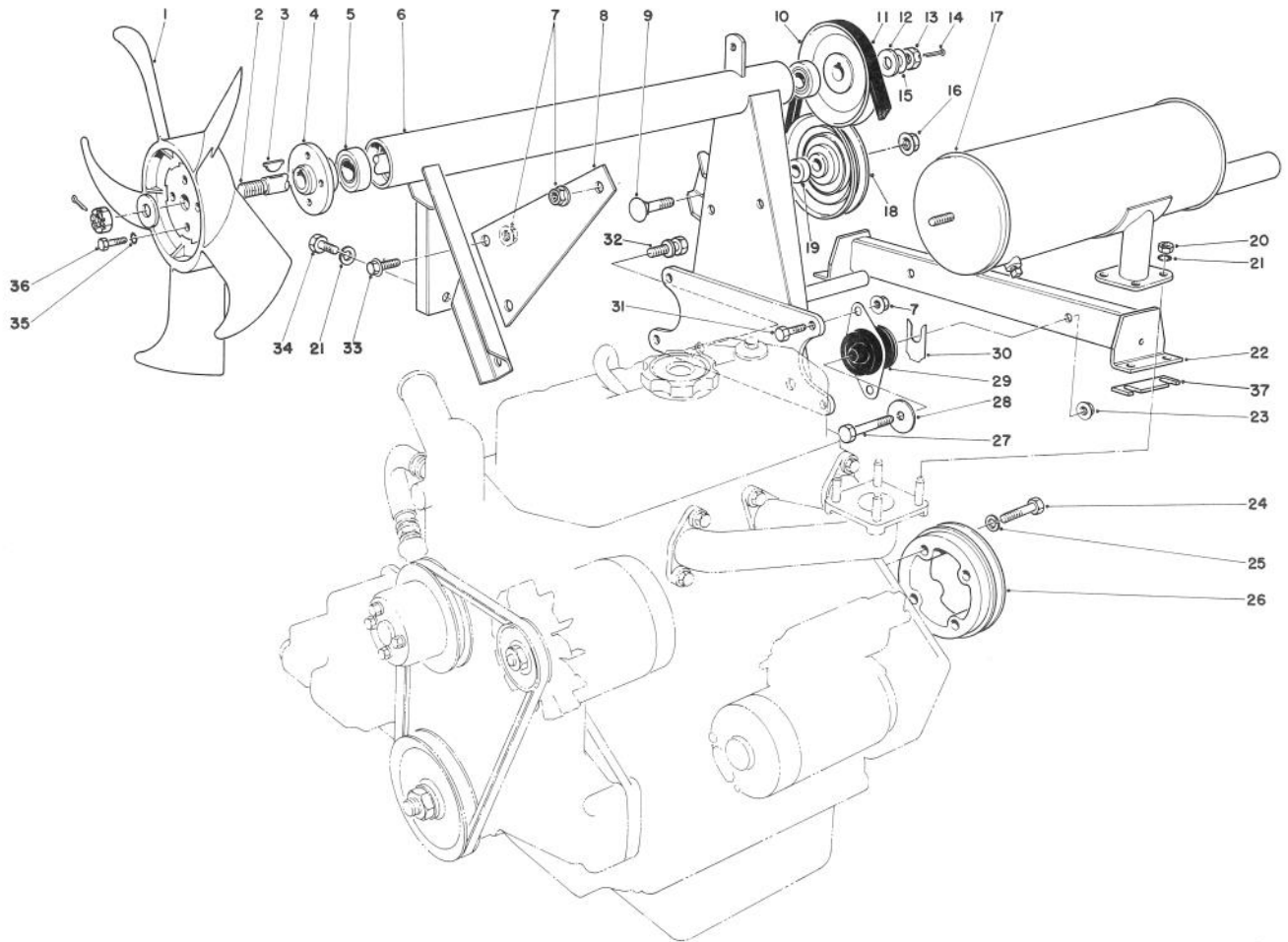
Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	43-3770	Link - Throttle	1	28	43-3210	Screw - Cap Hex. Hd.	4
2	3219-1	Nut	5	29	75-9900	Engine Support - Front	1
3	18-1720	Ball Joint Assembly	2	30	3257-33	Key - Woodruff	1
4	37-8770	Bolt - Shoulder	1	31	302-10	Fitting - Grease	1
5	3296-20	Nut - Lock	1	32	43-3720	Collar - Bearing	1
6	2412-31	Clamp - Bodine	1	33	251-252	Bearing - Ball	1
7	321-4	Screw - Cap Hex. Hd.	1	34	32120-22	Ring - Retaining Internal	1
8	3256-22	Washer - Flat	1	35	32120-69	Ring - Retaining External	1
9	43-3780	Swivel - Throttle Control	1	36	3241-5	Screw - Set Socket Head	2
10	25-8640	Screw - Machine	1	37	27-1960	Hub - Engine	1
11	43-1940	Adapter - Temp. Gauge	1	38	324-12	Screw - Cap Hex. Hd.	2
12	32152-1	Nut - Lock Flange	1	39	53-9480	Washer	2
13	43-1440	Engine	1	40	42-9600	Washer - Lock	3
14	2412-108	Clamp - Worm Drive	1	41	43-3190	Screw - Cap Hex. Hd.	3
15	2412-79	Clamp	1	42	21-1820	Stud - Belt Retainer	2
16	3290-379	Cable Tie	1	43	3290-357	Nut - Lock Flange	7
17	5-3637	Washer	1	44	32128-37	Nut - Lock Flange	2
18	3254-2	Washer - Lock Int. Tooth	2	45	3234-11	Screw - Cap Hex. Hd.	4
19	42-9580	Nut	2	46	42-9510	Screw - Cap Hex. Hd.	2
21	42-9100	Belt - Fan	1	47	3253-4	Washer - Lock	2
22	53-9710	Engine Mount	2	48	43-3790	Bracket - Belt Guide	1
23	53-9680	Engine Mount - Rubber	2	49	4-2390	Washer	2
24	32128-23	Nut - Lock Flange	2	50	3217-5	Nut	1
25	3256-64	Washer - Flat	4	51	3253-3	Washer - Lock	3
26	43-5950	Washer - Lock	4	52	43-3730	Bracket Throttle Control	1
27	43-3510	Pulley - Engine	1	53	329-7	Screw - Cap Hex. Hd.	1



T-0429

ENGINE ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
54	43-3760	Lever - Throttle	1	59	3290-224	Washer - Lock	1
55	47-7420	Hose	1	60	3234-18	Screw - Cap Hex. Hd.	1
56	43-4230	Hose	1	61	3255-9	Washer - E.T.L.W.	1
57	32153-2	Nut - Lock	1	62	5-0652	Spacer	2
58	63-1400	Belt Guide	1				



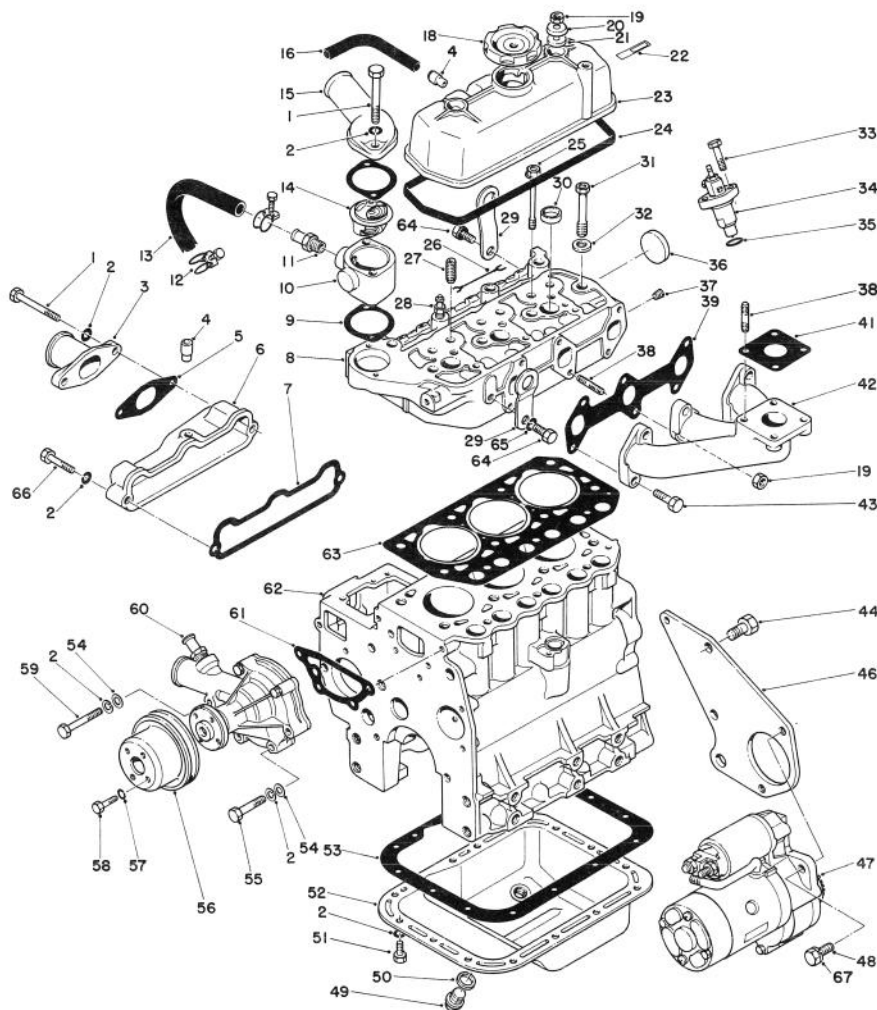
T-0430A

ENGINE ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
1	43-1910	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

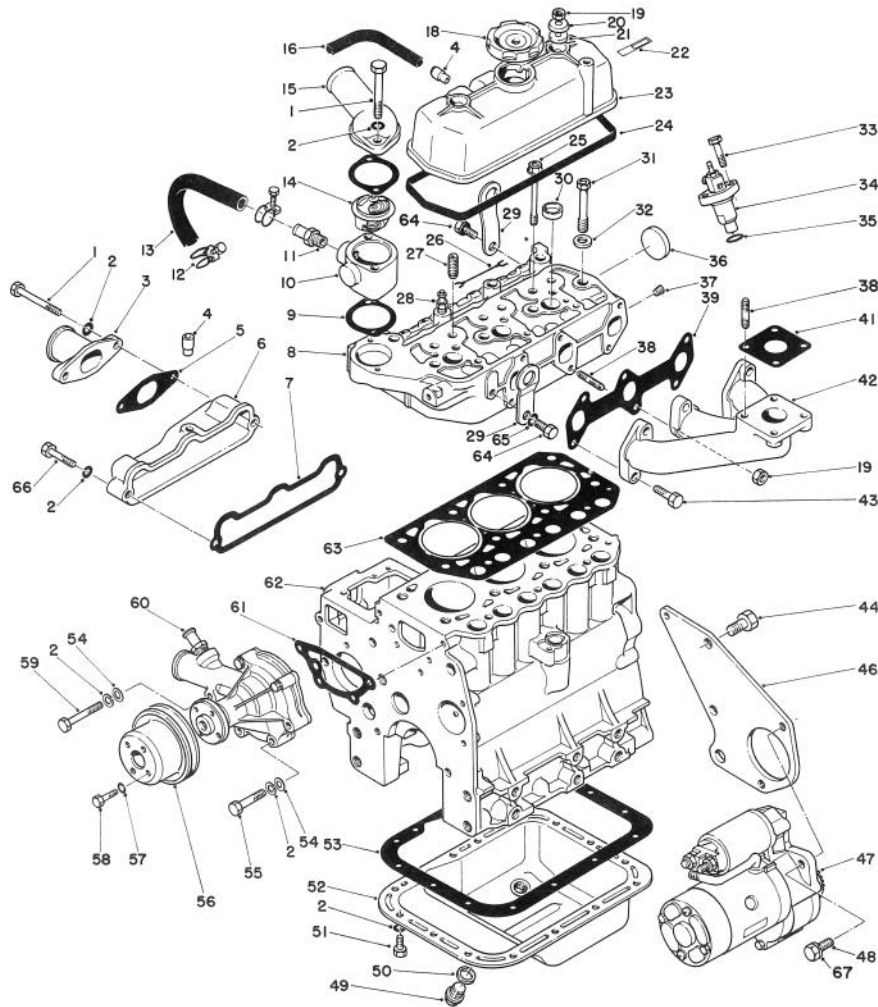
*Not Illustrated



T-0431

ENGINE ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	42-9310	Screw - Cp, 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	72-4290	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	42-7410	Plug - Taper 1/8	1
13	43-3130	Hose - Water (Incl. Ref. #12)	1	38	42-9570	Stud (8 x 25)	5
14	43-1780	Thermostat	1	39	42-9170	Gasket - Exhaust Manifold	1
15	42-7540	Fitting - Water Outlet	1	41	42-9110	Gasket	1
16	42-7430	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	42-9330	Bolt - Cylinder Head (10 x 90)	3	51	42-9230	Screw - Cap (8 x 16)	15



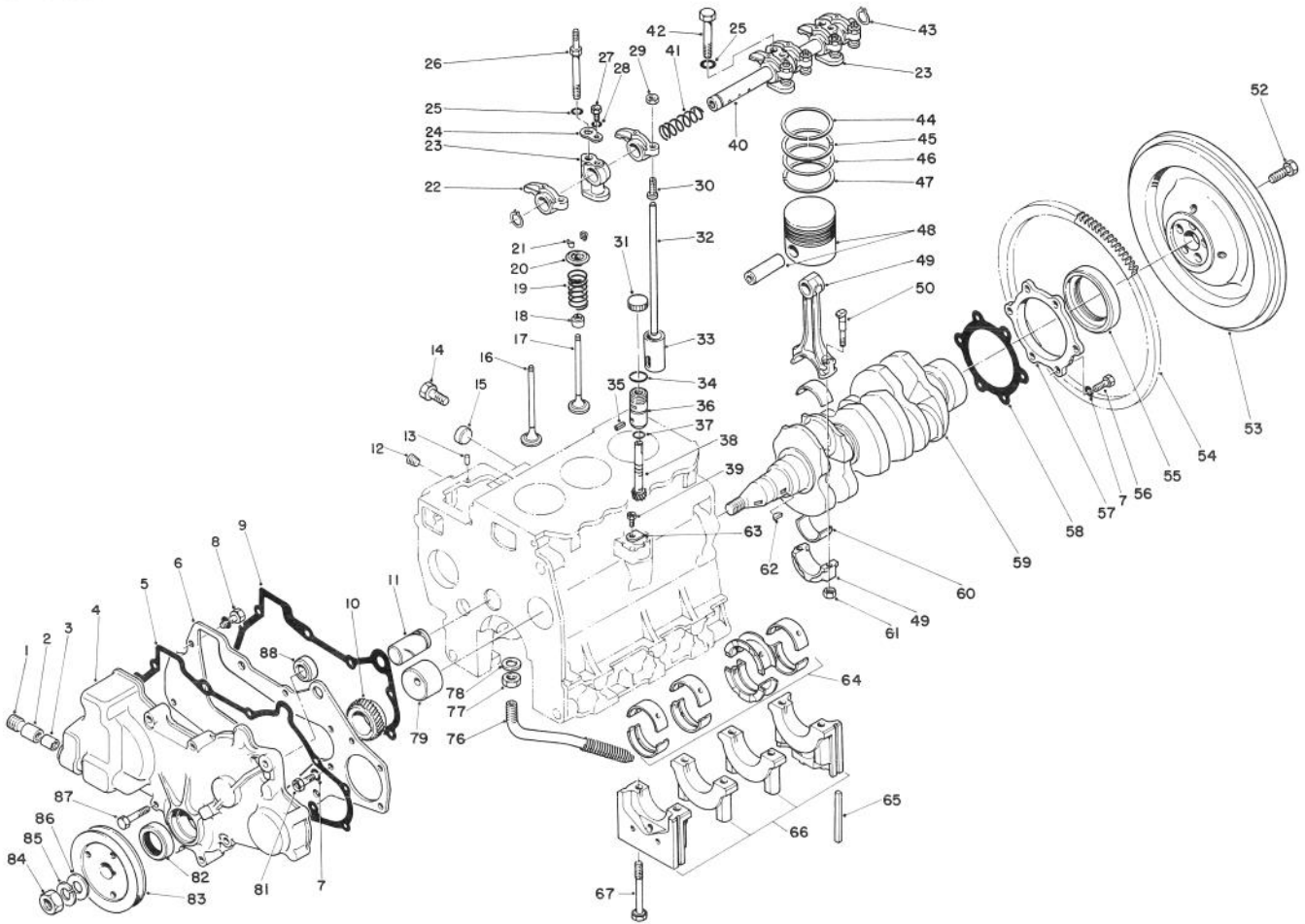
T-0431

ENGINE ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
52	42-7280	Oil Pan Assembly (Incl. 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

Ref. No.	Part No.	Description	No. Used
60	42-9080	Water Pump Assembly	1
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
*	42-9200	Complete Gasket Set	1

*Not Illustrated



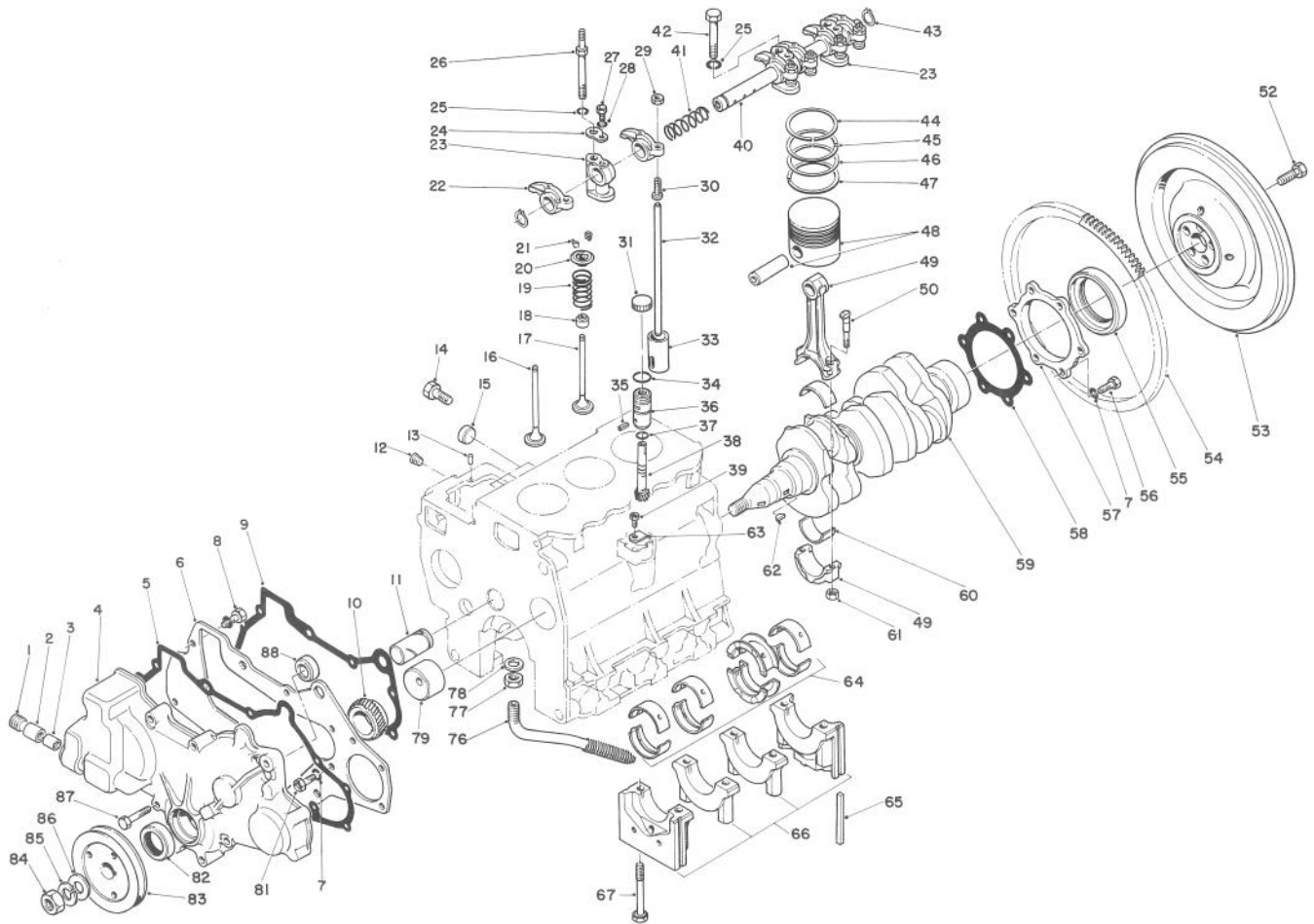
T-0432A

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	42-7330	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	49-7990	Cap - Shipping	1
7	42-9850	Washer - Lock	11	32	42-7920	Rod - Push	6
8	62-3730	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	42-7210	Plug - Taper	3	37	42-8990	O-Ring	1
13	42-7030	Pin - Dowel	2	†38	42-8990	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	42-7900	Valve - Intake	3	41	42-7930	Spring - Rocker Shaft L.H.	1
17	42-7910	Valve - Exhaust	3	42	42-9370	Screw - Cap Hex. Hd.	1
18	42-7870	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 0.75 (.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



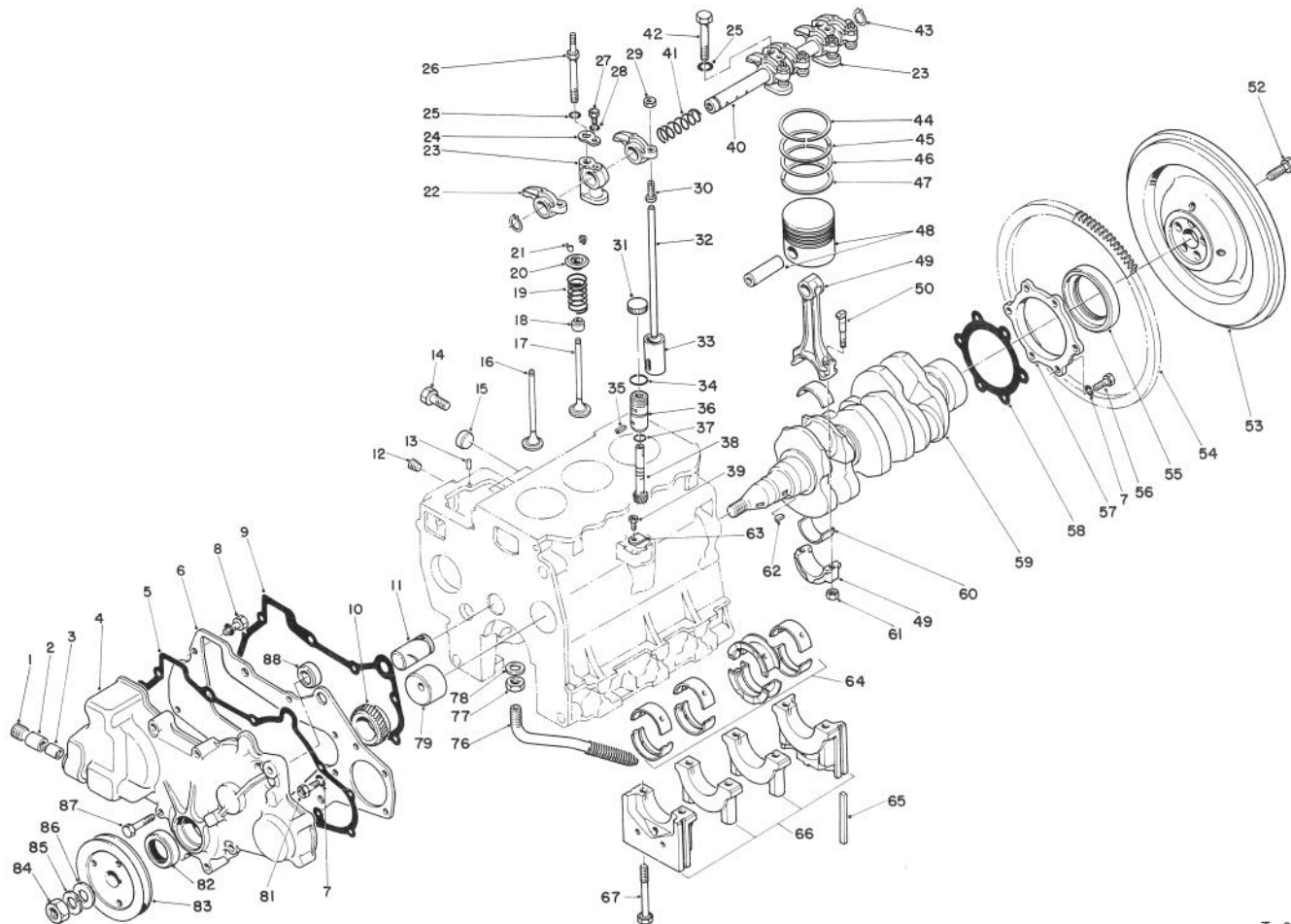
T-0432A

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	42-9470	Bolt - Connecting Rod	6	64	42-7230	Bearing Set Crankshaft Std.	1
52	54-8670	Bolt - Flywheel	5	*	42-7240	Bearing Set - Crankshaft 0.25 (.010 in.) U.S.	1
53	43-1800	Flywheel (Incl. Ref. #54)	1	*	42-7250	Bearing Set - Crankshaft 0.50 (.020 in.) U.S.	1
54	43-1810	Gear - Ring	1	*	42-7260	Bearing Set - Crankshaft 0.75 (.030 in.) U.S.	1
55	42-7060	Seal - Oil	1	65	42-7040	Seal - Side	4
56	42-9220	Screw - Cap Hex. Hd.	6	†66		Bearing Cap Assembly	1
57	42-7120	Case - Oil Seal	1	67	42-9210	Bolt - Bearing Cap	8
58	42-7130	Gasket - Oil Seal	1	76	48-2010	Screen - Assembly Oil	1
59	42-7710	Crankshaft	1	77	48-1990	Nut - Jam	1
60	42-7660	Bearing Set Connecting Rod Std.	3	78	48-1980	Gasket	1
*	42-7670	Bearing Set Connecting Rod 0.25 (.010 in.) U.S.	3	79	42-7100	Bushing - Camshaft	1
*	42-7680	Bearing Set Connecting Rod 0.50 (.020 in.) U.S.	3	81	42-9230	Screw - Cap Hex. Hd.	3
				82	42-7390	Seal - Oil	1
				83	42-7720	Pulley - Crankshaft	1
				84	43-6470	Nut	1
				85	42-9860	Washer - Spring	1

*Not Illustrated

†Not Available



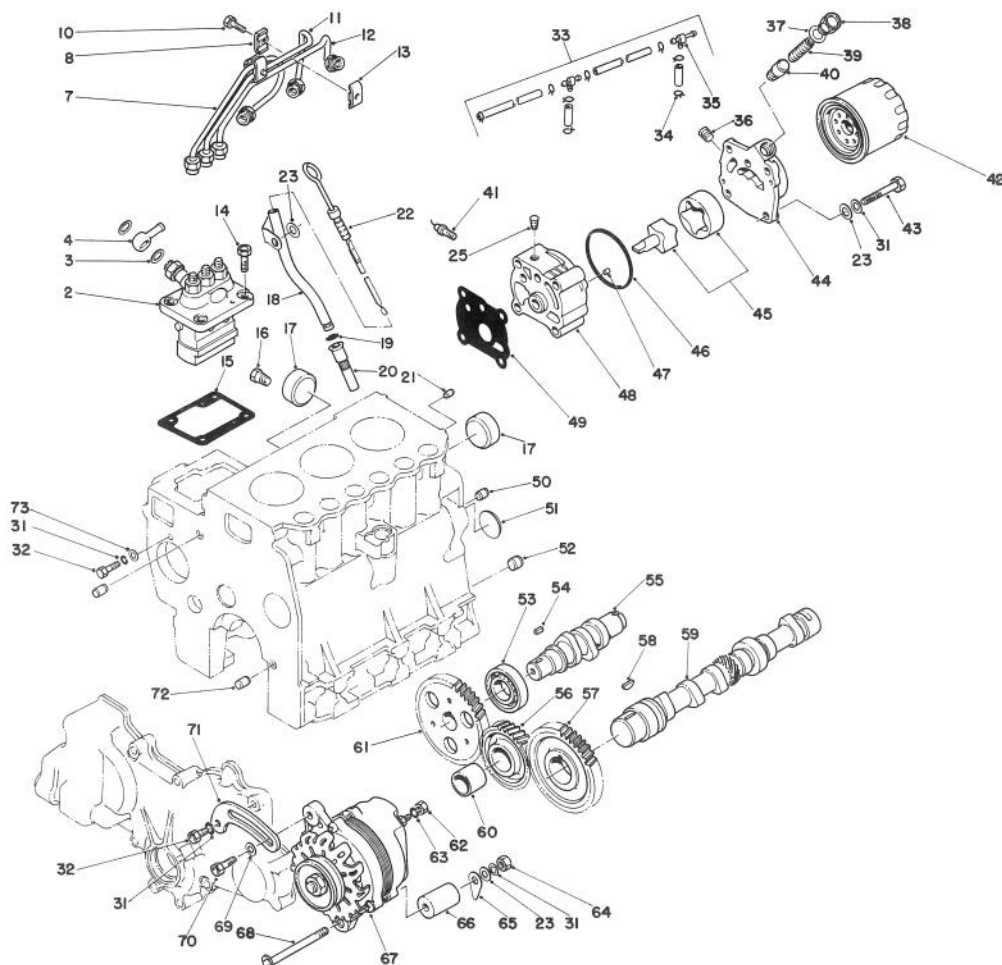
T-0432A

ENGINE ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
86	42-9810	Washer - Flat	1
87	42-9500	Screw - Cap Hex. Hd.	8

Ref. No.	Part No.	Description	No. Used
88	82-2590	Plug - Thrust	1
*	42-8960	Driven Unit - Speedometer (Incl. Ref. #34-38)	1

*Not Illustrated
†Not Available

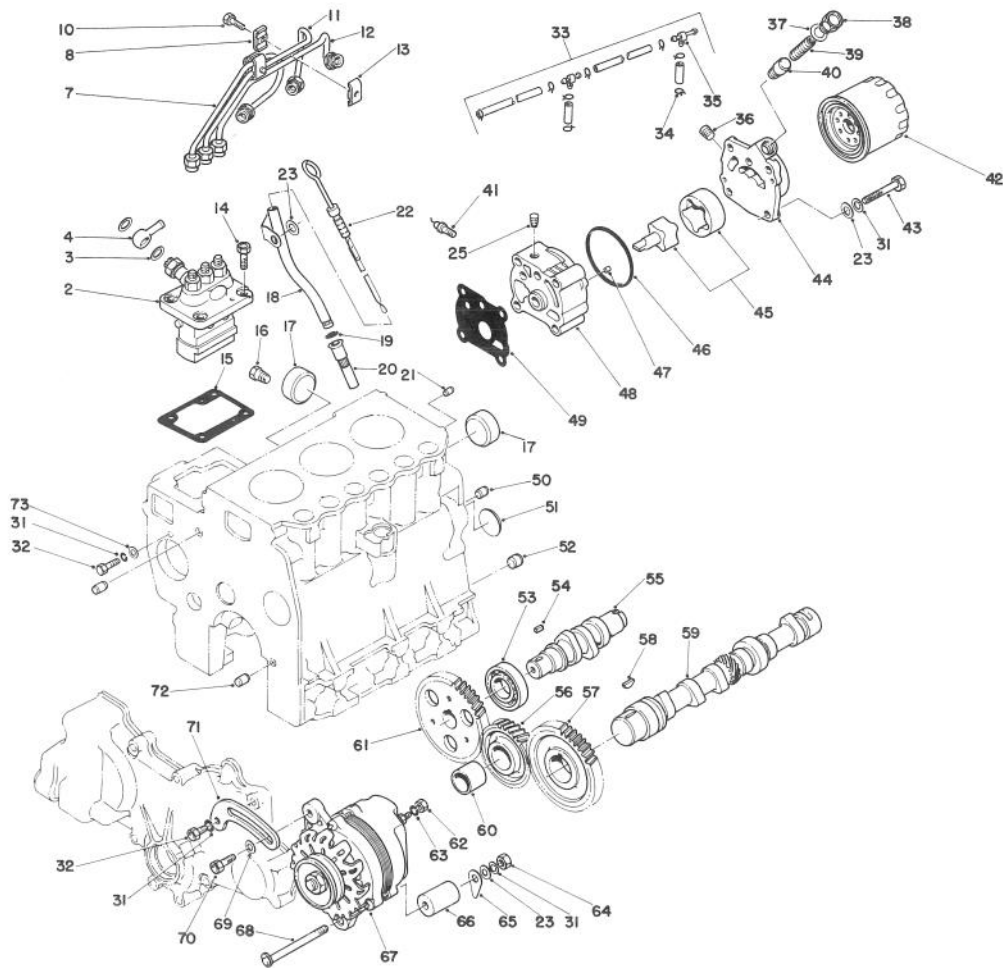


T-0433

ENGINE ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
2	42-8000	Pump Assy. - Fuel Injection	1	20	43-2900	Retainer - Oil Level Guide	1
3	42-9830	Washer - Seal	2	21	42-7160	Pin - Dowel	1
4	42-8100	Collar - Union	1	22	42-7270	Gauge Assembly - Oil Level	1
7	42-8130	Pipe Assy. - Fuel Injection (No. 1)	1	23	42-9660	Washer - Flat	6
8	42-8160	Clamp	2	25	42-7410	Plug - Taper	1
10	43-2600	Capscrew	2	31	42-9850	Washer - Lock	7
11	42-8140	Pipe Assy. - Fuel Injection (No. 2)	1	32	42-9230	Screw - Cap Hex. Hd.	2
12	42-8150	Pipe Assy. - Fuel Injection (No.3)	1	33	42-8180	Fuel Return Pipe Assembly	1
13	42-8170	Clamp	2	34	2412-79	Clamp - Hose	8
14	43-0110	Screw - Cap Hex. Hd.	4	35	42-8190	Joint	2
15	42-8010	Shim - 0.2 (.008 in.)	A/R	36	42-7210	Plug - Taper	1
*	42-8020	Shim - 0.3 (.012 in.)	A/R	37	42-8880	Gasket	1
*	42-8030	Shim - 0.4 (.016 in.)	A/R	38	42-8870	Plug	1
*	42-8040	Shim - 0.5 (.020 in.)	A/R	39	42-8930	Spring - Relief	1
*	42-8050	Shim - 0.6 (.024 in.)	A/R	40	42-8860	Plunger - Relief	1
*	42-8060	Shim - 0.7 (.028 in.)	A/R	41	42-9060	Oil Pressure Switch Assy.	1
*	42-8070	Shim - 0.8 (.032 in.)	A/R	42	42-9030	Filter Assembly - Oil	1
*	42-8080	Shim - 0.9 (.036 in.)	A/R	43	42-9480	Screw - Cap Hex. Hd.	4
*	42-8090	Shim - 1.0 (.039 in.)	A/R	44	42-8920	Cover - Oil Pump	1
16	281-1	Plug - Taper	1	45	42-8910	Rotor Assembly - Oil Pump	1
17	42-7090	Cap - Sealing	2	46	42-8940	O-Ring	1
18	42-7050	Guide - Oil Level Gauge	1	47	42-7030	Pin - Dowel	2
19	43-2710	O-Ring	1	48	42-8900	Body - Oil Pump	1
				49	42-8950	Gasket - Oil Pump Body	1
				50	42-7180	Bushing - Knock	2
				51	42-7170	Plug - Expansion	1

*Not Illustrated

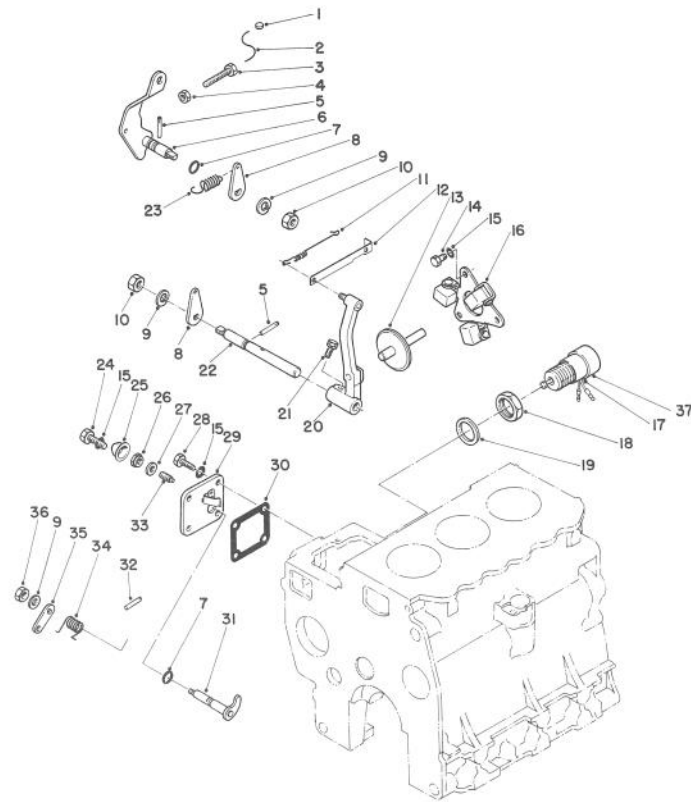


T-0433

ENGINE ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
52	42-7200	Bushing - Knock	1	64	42-9580	Nut	1
53	42-7820	Bearing - Ball	1	65	43-0370	Shim	AIR
54	42-7840	Key - Sunk	1	66	43-0380	Spacer	1
55	42-7810	Shaft - Injection Pump Cam	1	67	43-0390	Alternator (Model AH2035M4)	1
56	42-7790	Idler Gear Assembly (Incl. Ref. #60)	1	68	43-1900	Screw - Cap Hex. Hd.	1
57	42-7780	Gear - Camshaft	1	69	54-8660	Washer	1
58	42-7730	Key - Woodruff	1	70	54-8650	Screw - Cap Flange Hd.	1
59	72-4280	Camshaft	1	71	43-0400	Brace - Alternator	1
60		Bushing - Idler Gear	1	72	42-7190	Bushing - Knock	2
61	42-7830	Gear - Injection Pump Cam	1	73	42-9820	Washer	1
62	43-5970	Nut	1	*	42-8850	Oil Pump Assembly (Incl. Ref. 36-40 & 44-48)	1
63	43-5920	Washer - Lock	1				

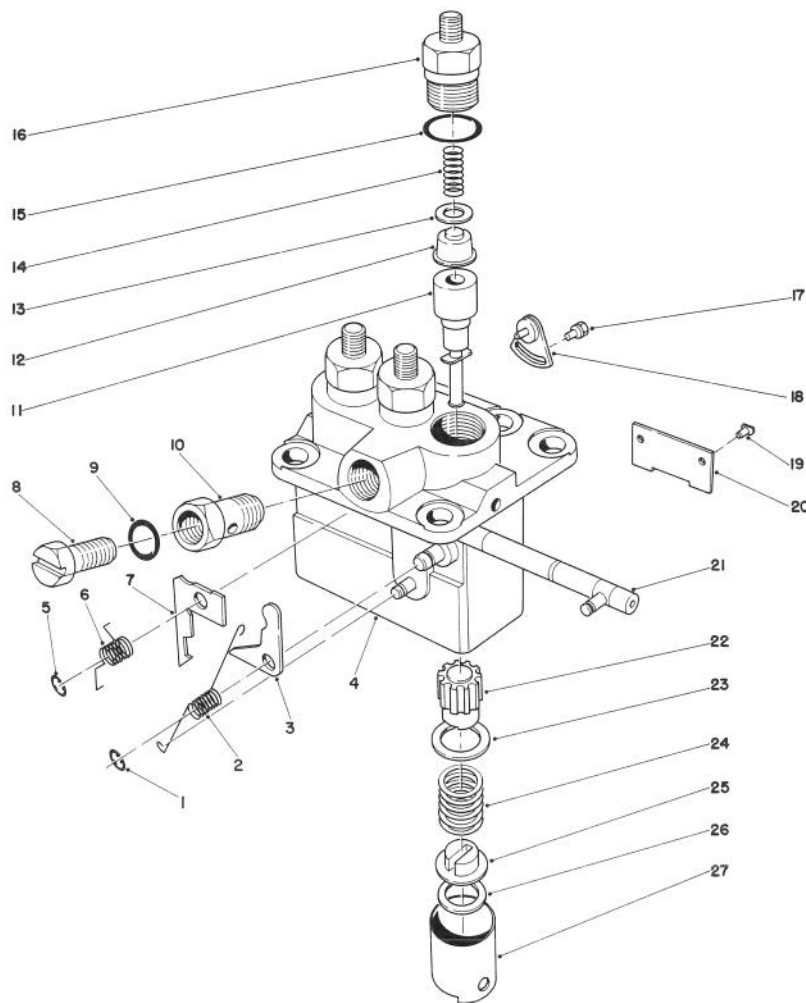
*Not Illustrated



T-0434

ENGINE ASSEMBLY (Continued)

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	42-9400	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	7	34	44-8100	Spring Return	1
16	42-8710	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				



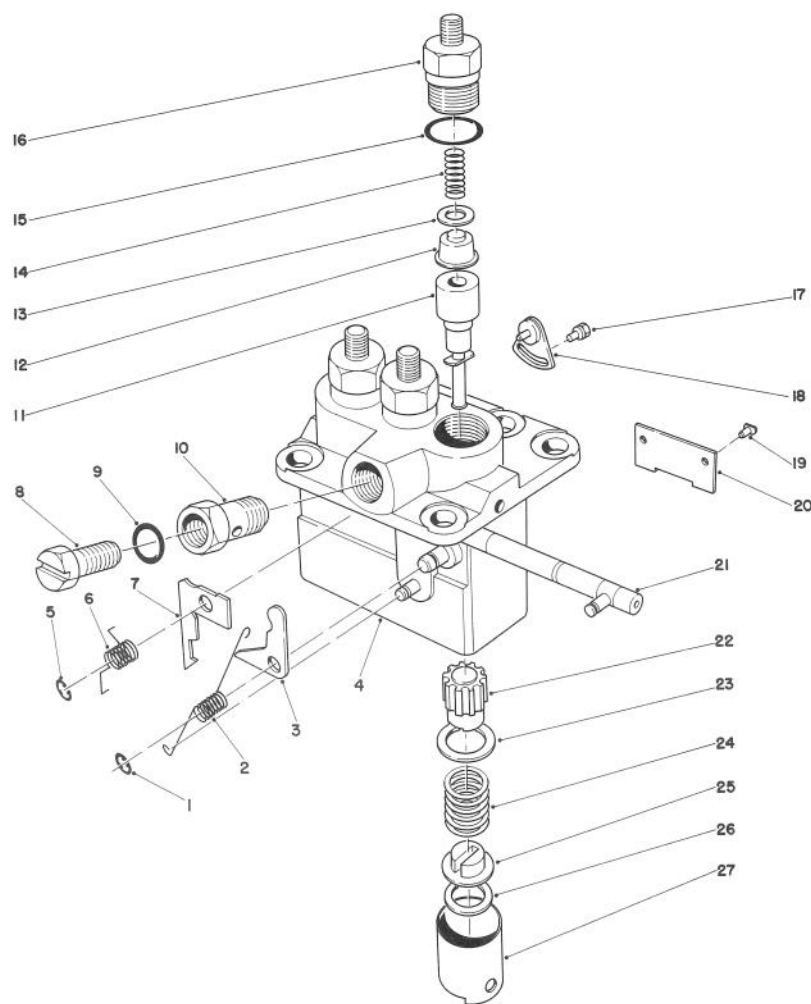
T-0435

FUEL INJECTION PUMP ASSEMBLY NO. 42-8000

Ref. No.	Part No.	Description	No. Used
1	43-3100	E-Ring	1
2	43-3110	Spring - Ungleich Set	1
3	43-2910	Plate - Ungleich Set 16.9 (.665 in.)	A/R
*	43-2920	Plate - Ungleich Set 16.8 (.661 in.)	A/R
*	43-2930	Plate - Ungleich Set 16.7 (.657 in.)	A/R
*	43-2940	Plate - Ungleich Set 16.6 (.654 in.)	A/R
*	43-2950	Plate - Ungleich Set 16.5 (.650 in.)	A/R
4		Pump Housing Sub Assy.	1
5	54-8780	E-Ring	1
6	42-8460	Spring Return	1
7	43-3000	Plate - Smoke Set 2.2 (.087 in.)	A/R
*	54-8700	Plate - Smoke Set 2.3 (.091 in.)	A/R
*	43-3010	Plate - Smoke Set 2.4 (.095 in.)	A/R
*	54-8710	Plate - Smoke Set 2.5 (.098 in.)	A/R
*	43-3020	Plate - Smoke Set 2.6 (.102 in.)	A/R

Ref. No.	Part No.	Description	No. Used
*7	56-0960	Plate - Smoke Set 2.7 (.106 in.)	A/R
*	43-3030	Plate - Smoke Set 2.8 (.110 in.)	A/R
*	54-8730	Plate - Smoke Set 2.9 (.114 in.)	A/R
*	43-3040	Plate - Smoke Set 3.0 (.118 in.)	A/R
*	54-8740	Plate - Smoke Set 3.1 (.122 in.)	A/R
*	43-3050	Plate - Smoke Set 3.2 (.126 in.)	A/R
*	54-8750	Plate - Smoke Set 3.3 (.130 in.)	A/R
*	43-3060	Plate - Smoke Set 3.4 (.134 in.)	A/R
*	54-8760	Plate - Smoke Set 3.5 (.138 in.)	A/R
*	43-3070	Plate - Smoke Set 3.6 (.142 in.)	A/R
*	54-8770	Plate - Smoke Set 3.7 (.146 in.)	A/R
*	43-3080	Plate - Smoke Set 3.8 (.150 in.)	A/R
*	43-3090	Plate - Smoke Set 4.0 (.157 in.)	A/R

*Not Illustrated

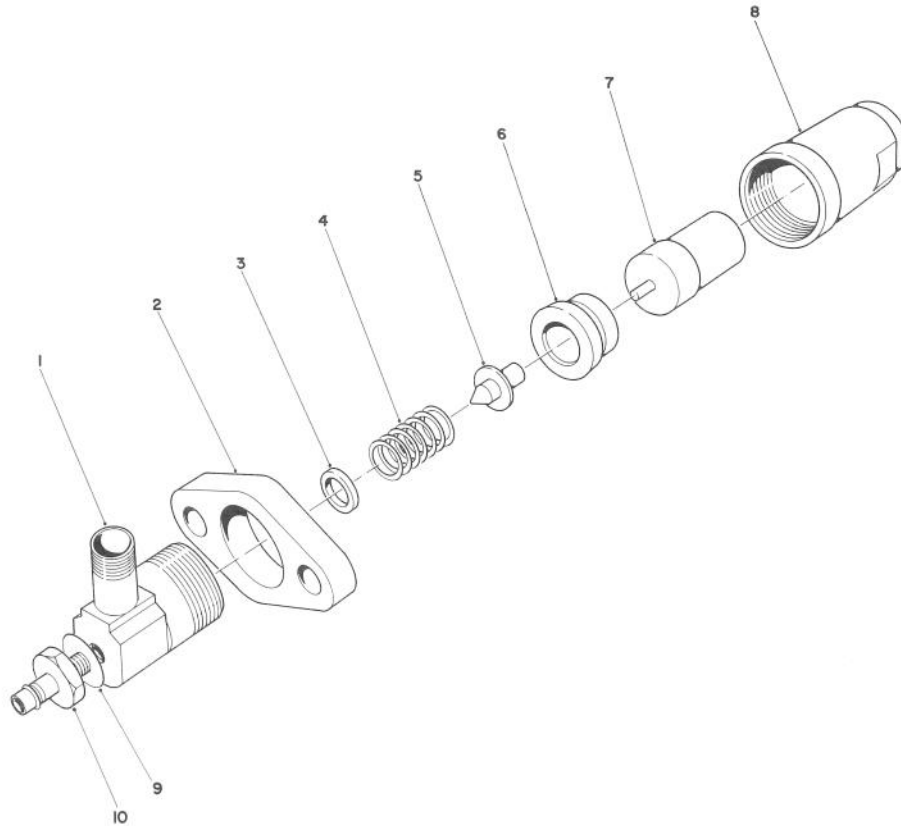


T-0435

FUEL INJECTION PUMP ASSEMBLY NO. 42-8000 (Cont.)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
8	42-8370	Screw - Air Breather	1	26	42-8390	Shim - Plate 0.6 (.0241 in.)	A/R
9	42-9770	Washer	1	*	42-8400	Shim - Plate 0.2 (.008 in.)	A/R
10	42-8380	Screw - Hollow	1	*	42-8410	Shim - Plate 0.3 (.0121 in.)	A/R
11	42-8260	Element Sub Assembly	3	*	42-8420	Shim - Plate 0.4 (.016 in.)	A/R
12	42-8250	Delivery Valve Sub Assy.	3	*	42-8430	Shim - Plate 0.5 (.020 in.)	A/R
13	42-8240	Gasket - Delivery Valve	3	*	42-8440	Shim - Plate 0.25 (.010 in.)	A/R
14	42-8230	Spring - Delivery Valve	3	*	42-8450	Shim - Plate 0.35 (.014 in.)	A/R
15	42-8330	O-Ring	3	*	43-6240	Shim - Plate 0.45 (.018 in.)	A/R
16	42-8220	Holder - Delivery Valve	3	*	54-8680	Shim - Plate 0.55 (.022 in.)	A/R
17	43-3150	Bolt/Washer - Assembled	2	*	54-8690	Shim - Plate 0.65 (.026 in.)	A/R
18	42-8360	Plate Assembly - Adjusting	2	27	42-8300	Tappet Sub Assembly	3
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				

*Not Illustrated



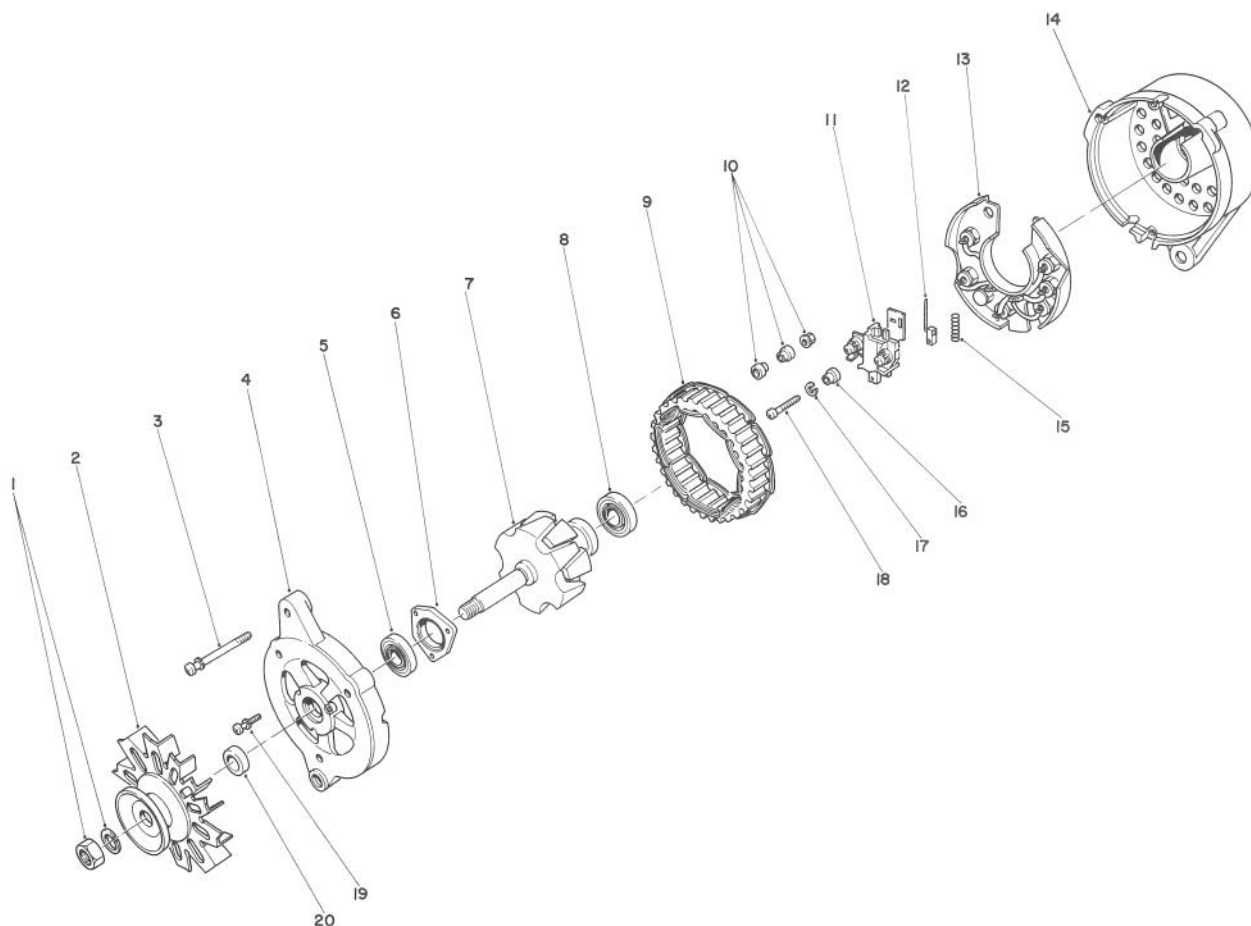
T-0436

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	42-8630	Spring - Pressure	3
5	42-8620	Pin - Pressure	3
6	42-8660	Piece - Distance	3
7	42-8680	Nozzle Assembly	3
8	42-8650	Nut - Retaining	3
9	42-9670	Washer	3
10	42-8640	Nipple	3

*Not Illustrated

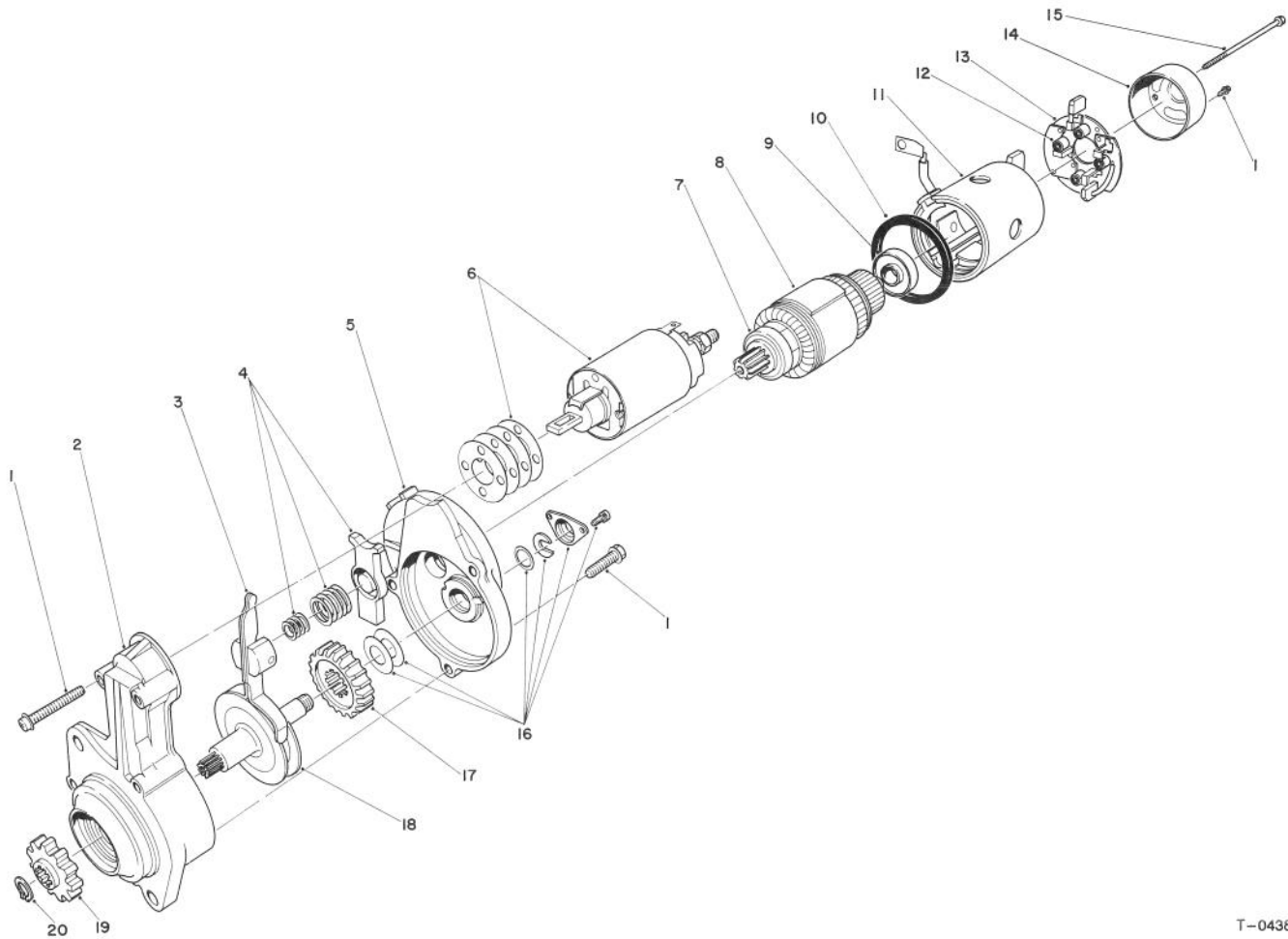


T-0437

ALTERNATOR ASSEMBLY NO. 43-0390

Ref. No.	Part No.	Description	No. Used
1	43-1920	Nut Set	1
2	43-0420	Pulley Assembly (Incl. Ref. #20)	1
3	43-0120	Screw - Set	1
4	43-0430	Bracket Assembly Front (Incl. Ref. #5-6 & 19)	1
5	43-0440	Bearing - Front	1
6	43-0450	Plate - Bearing Retainer	1
7	43-0450	Rotor Assembly (Incl. Ref. #8)	1
8	43-0460	Bearing - Rear	1
9	43-0470	Stator	1
10	43-0080	Nut - Set	1

Ref. No.	Part No.	Description	No. Used
11	43-0490	Holder Assembly Brush (Incl. Ref. #12 & 15)	1
12	43-0500	Brush	2
13	43-0520	Rectifier Assembly	1
14	43-0480	Rear Bracket Assembly (Incl. Ref. #10-13 & 15-18)	1
15	43-0510	Spring - Brush	1
16	43-2720	Mold	1
17	43-5920	Washer - Lock	1
18	43-1890	Screw	1
19	43-0130	Screw - Set	1
20		Collar - Shaft	1



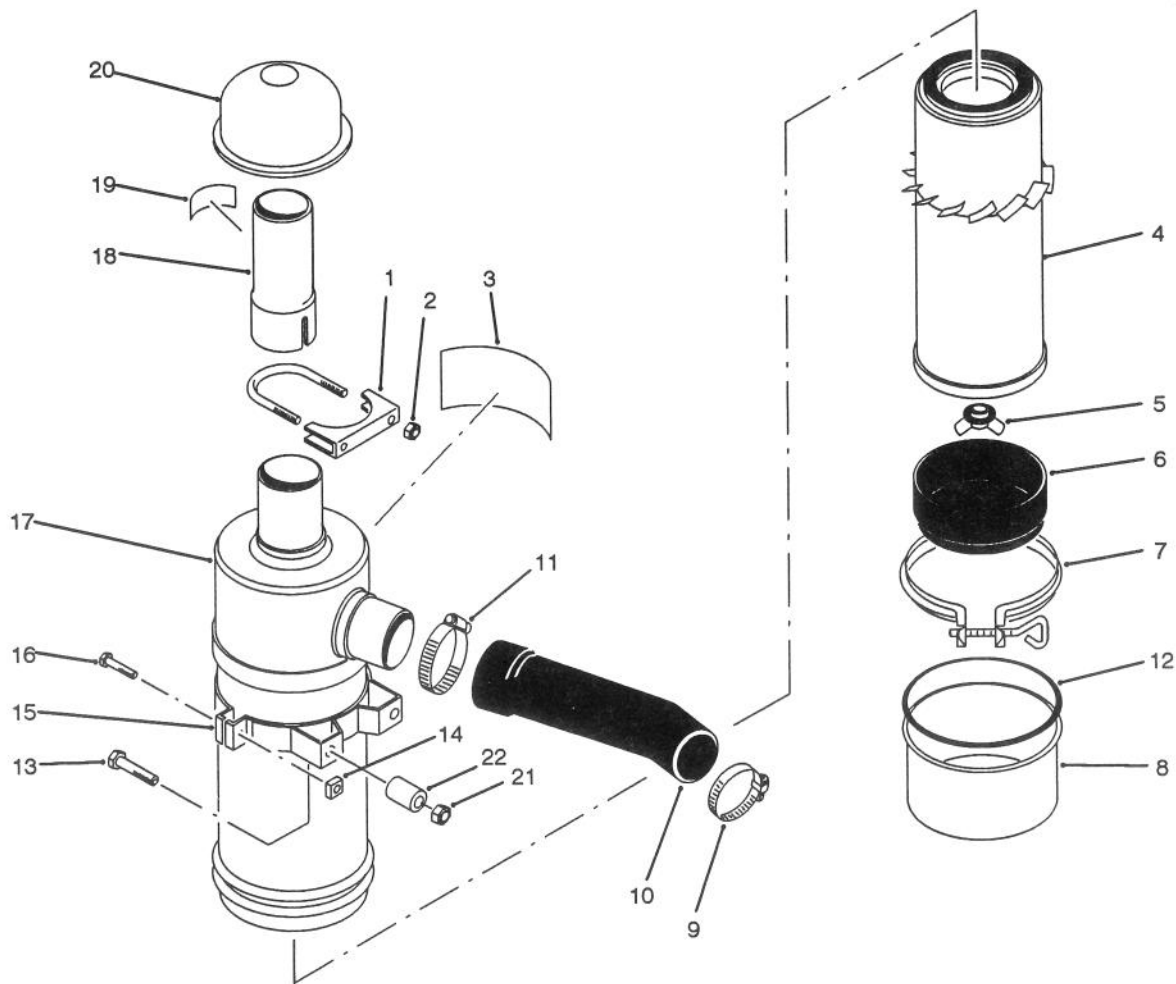
T-0438

STARTER ASSEMBLY NO. 46-7610

Ref. No.	Part No.	Description	No. Used
1	46-7620	Screw - Set	1
2	46-7630	Bracket Assembly - Front	1
3	46-7540	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	46-7690	Bearing - Rear	1
10	46-8050	Packing	1
11	46-7780	Yoke Assembly	1
12	46-8030	Spring - Brush	4

Ref. No.	Part No.	Description	No. Used
13	46-7790	Brush Holder Assembly (Incl. Ref. #12)	1
14	46-8040	Bracket - Rear	1
15	46-7700	Bolt Set	1
16	46-7770	Cover Set	1
17	46-7760	Gear	1
18	46-7750	Shaft Assembly Pinion	1
19	46-7720	Pinion Set (Incl. Ref. #20)	1
20	46-7730	Snap Ring	1
*	46-7740	Gear Set (Incl. Ref. #17 & 18)	1
*	46-7710	Shaft Assembly - Clutch (Incl. Ref. #16-20)	1

*Not Illustrated



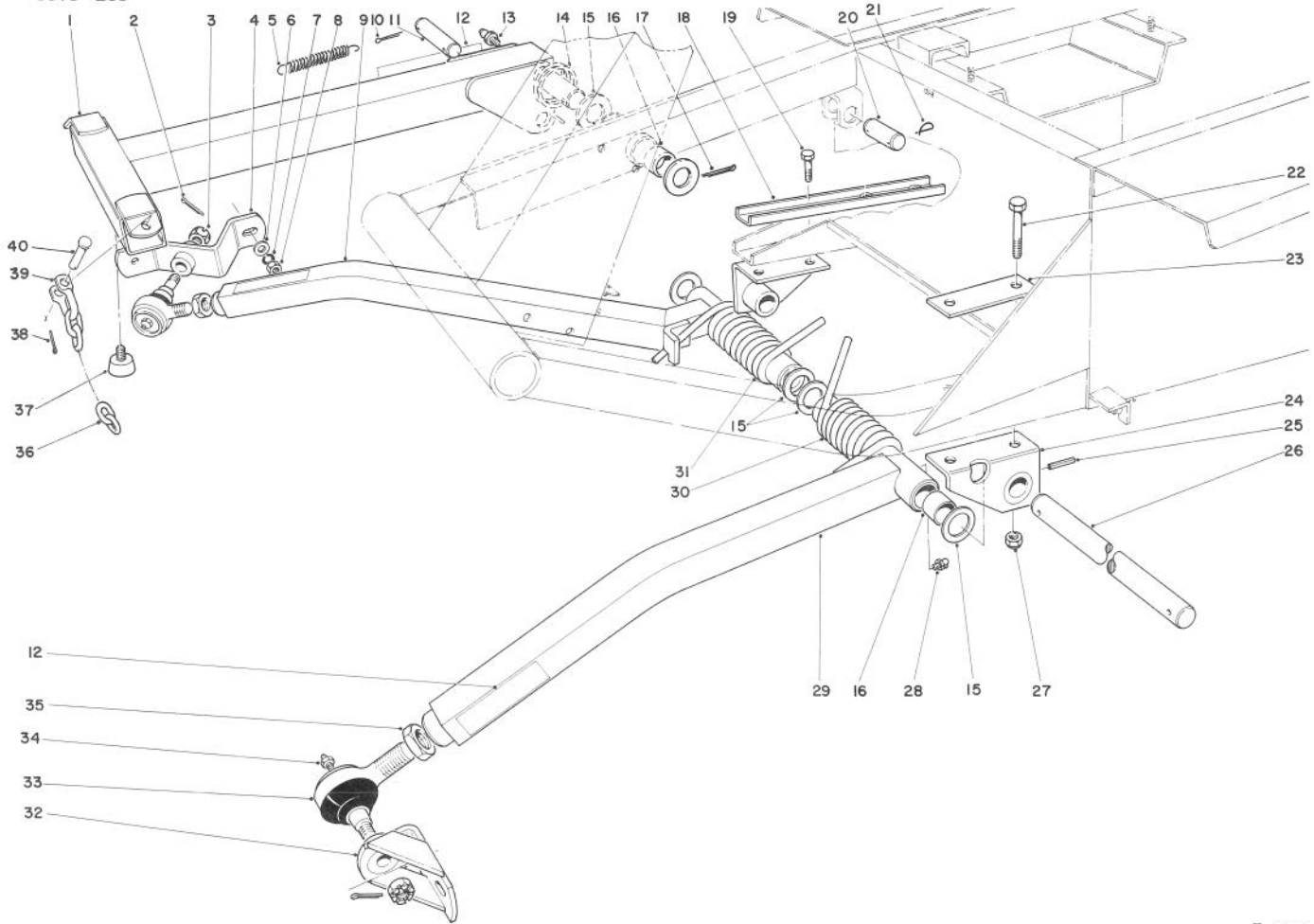
T-1188

AIR CLEANER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	20-4840	Muffler Clamp (Incl. Ref. #2)	1
2	3217-6	Nut	2
3	27-7160	Decal - Instructions	1
4	27-7110	Element Assembly	1
5	27-7120	Nut & Gasket Assembly	1
6	27-7140	Skirt - Baffle	1
7	27-7130	Clamp Assembly	1
8	27-7150	Cup Assembly	1
9	2412-3	Hose - Clamp	1
10	80-0060	Hose - Air Cleaner	1
11	2412-42	Hose Clamp	1
12	80-3330	Gasket	1

Ref. No.	Part No.	Description	No. Used
13	322-10	Screw - Cap Hex. Hd.	4
14	32107-11	Nut	2
15	27-7170	Band Assy. (Incl. Ref. #14 & 16)	2
16	3258-19	Screw - Mach. Rd. Hd.	2
17	27-7100	Air Cleaner Assembly (Incl. Ref. #3-8)	1
18	44-8950	Tube - Air Cleaner	1
19	83-9150	Decal - Starting Fluid	1
20	27-7180	Cap Assembly - Air Inlet	1
21	32128-20	Nut - Flange	4
22	77-3180	Spacer	4

3316-259



T-0440

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	324-12	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	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

TORO PART NUMBER INDEX (Cont.)

3316-259

Part No.	Description	Pg. No.	Ref. No.	Qty.	Part No.	Description	Pg. No.	Ref. No.	Qty.
3-1365	Chain - Lift	52	36	3	21-9010	Pivot Mount - Valve Lever	31	11	1
3-3251	Spring - Compression	11	9	1	21-9260	Cover - Dust	13	4	1
3-6498	Washer	9	18	A/R	21-9370	Screw - Adjusting	19	16	2
3-6657	Clip	8	31	2	21-9380	Nut - Pivot	19	17	2
3-6803	Washer	37	15	A/R	21-9390	Socket - Adjusting Screw	19	15	2
3-7243	Spring - Extension	11	13	2	21-9420	Spring - Shoe Return L.H.	19	19	2
3-7292	Pin	52	20	1	21-9430	Spring - Shoe Return R.H.	19	7	2
3-8812	Spacer	9	19	1	21-9440	Spring - Adjusting Screw	19	14	2
4-2390	Washer	35	49	2	21-9450	Dust Shield	19	5	2
5-0652	Spacer	9	37	1	21-9460	Retainer - Brake Lever	19	10	4
5-0652	Spacer	36	62	2	22-7810	Spacer	16	19	1
5-0701	Spring Anchor	10	52	1	22-7820	Buzzer Assembly	3	36	1
5-0838	Washer - Flat	6	58	3	22-8330	Plug	34	1	2
5-1226	Washer	25	35	A/R	22-8340	Spring	34	3	2
5-1226	Washer	20	42	A/R	22-8350	Ball	34	4	2
5-1747	Spring	9	21	1	22-8360	Pin - Cam	34	6	2
5-1754	Washer	52	15	6	22-8370	Seat - Check Valve	34	5	2
5-2942	Shackle	52	39	3	22-8380	Spring Retainer	34	10	1
5-3126	Pin - Spring	52	21	3	22-8390	Spring Retainer	34	12	1
5-3637	Washer	35	17	1	22-8400	Spacer Float	34	13	1
6-1659	Toggle Switch	3	19	1	22-8410	Spring	34	11	1
7-3900	Pad - Brake	11	1	1	22-8420	Spool	34	8	1
11-0590	Screw - Hex. Hd. Tapping	11	5	2	22-8480	Spring Ring Spool	34	14	1
11-0590	Screw - Self Tapping	5	44	2	22-8490	Snap Ring	34	15	1
12-5450	Screw - Thread Forming	17	13	8	23-1950	Support - Reinforcement	52	18	1
12-9990	Hour Meter	3	40	1	23-2240	Rod - Pump Control	11	17	1
14-4149	Hood	6	55	1	23-2270	Bushing - Rubber	11	16	1
18-1720	Ball Joint Assembly	35	3	2	23-5180	Dipstick	16	41	1
18-2770	Cable - Ground	2	53	1	23-7270	Nut - Wheel	16	32	10
20-4840	Muffler Clamp	51	1	1	23-9740	Filter - Oil	27	41	1
21-0141	Socket Assembly R.H.	11	26	1	24-6390	Stud - Battery Hold Down	1	16	2
21-0230	Pulley P.T.O.	9	13	1	24-6420	Hold Down - Battery	1	21	1
21-0400	Spring - Compression	9	48	1	24-8790	Gear - Bevel, Diff. Side	17	5	2
21-1600	Clamp P.T.O. Lever	10	54	1	24-8840	Ring - Wheel Bearing	19	21	2
21-1820	Stud - Belt Retainer	35	42	2	24-9180	Strut & Lever Parking Brake	19	4	2
21-1830	Spring - Tension	9	50	1	24-9510	Pin	52	11	1
21-1830	Spring Tension	52	5	1	24-9830	Support - Axle	18	44	1
21-1880	Grip Handle	9	1	1	25-2380	Thrust Plate	30	50	2
21-2660	Footrest	1	6	1	25-2390	Motor Valve Plate	30	57	1
21-2760	Pad - Foot Rest L.H.	2	48	1	25-2400	Gasket	30	59	1
21-2770	Pad - Foot Rest R.H.	1	4	1	25-2410	Accel. Valve Assembly	29	17	2
21-2850	Mount - R.H. Pedal	11	4	1	25-2430	Dowel Pin	30	52	2
21-2860	Push Arm Bracket	52	24	2	25-2440	Pump Valve Plate	30	51	1
21-2890	Spring - Torsion R.H.	52	31	1	25-2450	Variable Swashplate	29	48	1
21-2900	Spring - Torsion L.H.	52	30	1	25-2460	Plug - Hex. Hd.	29	28	2
21-2960	Push Arm L.H.	52	29	1	25-2470	Shim Pack	29	29	2
21-2990	Shaft - Pivot	52	26	1	25-2480	Valve Spring	29	44	1
21-3000	Nut - Jam	52	35	2	25-2490	Ball	29	9	2
21-3020	Ball Joint Mount R.H.	52	4	1	25-2500	Trunnion Shaft	29	43	1
21-3050	Ball Joint Mount L.H.	52	32	1	25-2510	Washer - Flat	29	25	2
21-3370	Cable - R.H. Brake	11	*	1	25-2530	Headless Straight Pin	29	39	1
21-3380	Cable - L.H. Brake	11	15	1	25-2550	Charge Pump Housing	29	34	1
21-3600	Foam - Tank Support	16	3	1	25-2570	Valve Spring	29	30	1
21-3610	Foam - Tank Support	16	21	1	25-2580	Trunnion Shaft	29	26	1
21-3750	Support Plate	52	23	1	25-2610	Accel. Valve Spring	29	16	1
21-7670	Case - Differential	18	35	1	25-2630	Back-Up Ring	29	14	1
21-7690	Gear - Pinion	17	6	2	25-2640	Valve Spring	29	8	2
21-7700	Shaft - Pinion, Mate	18	33	1	25-2650	Check Valve Plug	29	6	2
21-7720	Washer - Thrust	17	4	2	25-2680	Gerotor Assembly	29	38	1
21-7730	Washer - Thrust	17	7	2	25-3180	Check Valve Kit	29	11	2
21-7770	Screw - Gear, Drive	18	34	5	25-3190	Charge Pump	29	40	1
21-7830	Cover - Gear	17	12	1	25-3210	Lip Seal	29	24	2
21-8020	Spacer - Bearing, Pinion Ft.	18	27	1	25-8640	Screw - Machine	35	10	1
21-8090	Shim .003 - Diff. Adjust.	18	40	A/R	26-6740	Temperature Reset Relay	3	18	1
21-8100	Shim .005 - Diff. Adjust.	18	39	A/R	26-6750	Engine Temperature Gauge	3	15	1
21-8110	Shim .010 - Diff. Adjust.	18	38	A/R	27-1960	Hub - Engine	35	37	1
21-8120	Shim .030 - Diff. Adjust.	18	37	A/R	27-2360	Key Switch	3	10	1
21-8180	Bearing	19	3	2	27-7100	Air Cleaner Assembly	51	17	1
21-8270	Pin - Dowel	17	3	2	27-7110	Element Assembly	51	4	1
21-8360	Clip - Retaining	19	12	2	27-7120	Nut & Gasket Assembly	51	5	1
21-8590	Link - Valve Lever	31	27	1	27-7130	Clamp Assembly	51	7	1
21-8620	Lever Valve	31	2	1	27-7140	Skirt - Baffle	51	6	1
21-8640	Latch - Valve Lever	31	7	1	27-7150	Cup Assembly	51	8	1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.	Part No.	Description	Pg. No.	Ref. No.	Qty.
27-7160	Decal - Instructions	51	3	1	42-7280	Oil Pan Assembly	39	52	1
27-7170	Band Assy.	51	15	2	42-7290	Gasket - Oil Drain Plug (18)	38	50	1
27-7180	Cap Assembly - Air Inlet	51	20	1	42-7300	Gasket - Oil Pan	39	53	1
27-7290	Decal - Power Take Off	1	12	1	42-7310	Bearing - Needle	40	3	1
27-7310	Decal - Refueling	2	36	1	42-7320	Bearing - Needle	40	2	1
27-7320	Decal - Traction Pedal	1	1	1	42-7330	Case - Gear	40	4	1
27-7370	Brake Assembly P.T.O.	9	25	1	42-7340	Gasket - Gear Case	40	5	1
27-7490	Pedal - L.H. Brake	11	41	1	42-7390	Seal - Oil	41	82	1
27-7510	Pedal - R.H. Brake	11	42	1	42-7400	Plug - Taper	40	1	1
27-7570	Pad - Left Turn	11	38	1	42-7410	Plug - Taper	43	25	1
27-7580	Pad - Right Turn	11	2	1	42-7410	Plug - Taper 1/8	38	37	1
27-7590	Mount - Brake	11	34	1	42-7420	Cap - Oil Filter	38	18	1
27-7640	Shaft - Brake Latch	11	36	1	42-7430	Pipe - Air Breather	38	16	1
27-7900	Screw - Adjusting	9	35	1	42-7440	Hanger - Engine	38	29	2
27-8550	Pedal - Parking Brake	11	45	1	42-7460	Guide - Valve	38	27	6
27-9270	Mount - Brake Pivot Shaft	11	35	1	42-7470	Gasket - Cylinder Head	39	63	1
28-0650	Shaft - Flanged, Axle	19	1	2	42-7480	Glow Plug	38	28	3
28-0660	Screw - Cap Hex. Hd.	19	22	8	42-7490	Seal - Oil	38	21	2
28-0670	Seal - Oil	19	8	2	42-7500	Cover Assembly - Rocker	38	23	1
28-0680	Brake Drum	19	13	2	42-7510	Pipe	38	4	2
28-1280	Boot - Cable	1	19	1	42-7520	Gasket - Rocker Cover	38	24	1
28-5220	Wheel - Friction	11	25	1	42-7530	Label - Engine No.	38	22	1
28-9570	Lever - Pump	27	3	1	42-7540	Fitting - Water Outlet	38	15	1
29-6120	Plate - Pump	28	56	1	42-7550	Gasket	38	9	2
29-6150	Spring - Leaf	28	55	1	42-7650	Connecting Rod Assembly	41	49	3
29-6163	Switch - Micro	27	4	1	42-7660	Bearing Set	41	60	3
29-6170	Spring - Leaf, Extended	28	54	1	42-7670	Bearing Set	41	*	3
29-8910	Washer	37	12	2	42-7680	Bearing Set	41	*	3
31-0390	Disc - Friction	13	31	1	42-7690	Bearing Set	41	*60	3
33-2570	Radiator Assembly	5	19	1	42-7700	Gear - Crankshaft	40	10	1
33-4380	Hub - Pump	27	23	1	42-7710	Crankshaft	41	59	1
37-8770	Bolt - Shoulder	35	4	1	42-7720	Pulley - Crankshaft	41	83	1
37-9550	Strap - Fuel Tank	16	7	1	42-7730	Key - Woodruff	44	58	1
37-9650	Trim	1	27	1	42-7730	Key - Woodruff	41	62	2
38-1650	Fuel Gauge	3	5	1	42-7740	Nipple - Hose	38	11	1
38-1660	Ammeter	3	12	1	42-7780	Gear - Camshaft	44	57	1
38-1670	Clamp Mounting	3	2	2	42-7790	Idle Gear Assembly	44	56	1
38-3400	Guard - Rubber	31	33	1	42-7810	Shaft - Injection Pump Cam	44	55	1
38-3400	Guard - Rubber	6	64	1	42-7820	Bearing - Ball	44	53	1
38-4530	Tool Box	2	42	1	42-7830	Gear - Injection Pump Cam	44	61	1
38-4550	Cover - Instruments	1	30	1	42-7840	Key - Sunk	44	54	1
38-4600	Bar - Frame LH	5	26	1	42-7850	Retainer - Valve Spring	40	20	6
38-7820	Bearing	37	5	2	42-7860	Lock - Spring Retainer	40	21	12
39-8020	Trim - Cover Instruments	2	33	1	42-7870	Seal - Valve Stem	40	18	6
41-8760	Gasket - Transmission	27	51	1	42-7880	Spring - Valve	40	19	6
42-7160	Pin - Dowel	43	21	1	42-7890	Tappet	40	33	6
42-6080	Shim	37	30	A/R	42-7900	Valve - Intake	40	16	3
42-6080	Shim - Axle	16	30	A/R	42-7910	Valve - Exhaust	40	17	3
42-7030	Pin - Dowel	40	13	2	42-7920	Rod - Push	40	32	6
42-7030	Pin - Dowel	43	47	2	42-7930	Spring - Rocker Shaft L.H.	40	41	1
42-7040	Seal - Side	41	65	4	42-7940	Arm - Rocker	40	22	6
42-7050	Guide - Oil Level Gauge	43	18	1	42-7950	Washer - Seat	40	24	2
42-7060	Seal - Oil	41	55	1	42-7960	Shaft Assembly - Rocker	40	40	1
42-7080	Cap - Sealing	40	15	2	42-7970	Stay - Rocker	40	23	3
42-7080	Cap - Sealing (25)	38	30	3	42-7980	Screw - Adjusting	40	30	6
42-7090	Cap - Sealing	43	17	2	42-7990	Ring - Snap	40	43	2
42-7090	Cap - Sealing (45)	38	36	1	42-8000	Pump Assy. - Fuel Injection	43	2	1
42-7100	Bushing - Camshaft	41	79	1	42-8010	Shim - 0.2 (.008 in.)	43	15	A/R
42-7110	Shaft - Idler	40	11	1	42-8020	Shim - 0.3 (.012 in.)	43	*	A/R
42-7120	Case - Oil Seal	41	57	1	42-8030	Shim - 0.4 (.016 in.)	43	*	A/R
42-7130	Gasket - Oil Seal	41	58	1	42-8040	Shim - 0.5 (.020 in.)	43	*	A/R
42-7150	Gasket - Front Plate	40	9	1	42-8050	Shim - 0.6 (.024 in.)	43	*	A/R
42-7170	Plug - Expansion	43	51	1	42-8060	Shim - 0.7 (.028 in.)	43	*	A/R
42-7180	Bushing - Knock	43	50	2	42-8070	Shim - 0.8 (.032 in.)	43	*	A/R
42-7190	Bushing - Knock	44	72	2	42-8080	Shim - 0.9 (.036 in.)	43	*	A/R
42-7200	Bushing - Knock	44	52	1	42-8090	Shim - 1.0 (.039 in.)	43	*	A/R
42-7210	Plug - Taper	40	12	3	42-8100	Collar - Union	43	4	1
42-7210	Plug - Taper	43	36	1	42-8120	Gasket - Nozzle Holder	38	35	3
42-7230	Bearing Set	41	64	1	42-8130	Pipe Assy. - Fuel Injection	43	7	1
42-7240	Bearing Set - Crankshaft	41	*	1	42-8140	Pipe Assy. - Fuel Injection	43	11	1
42-7250	Bearing Set - Crankshaft	41	*	1	42-8150	Pipe Assy. - Fuel Injection	43	12	1
42-7260	Bearing Set - Crankshaft	41	*	1	42-8160	Clamp	43	8	2
42-7270	Gauge Assembly - Oil Level	43	22	1	42-8170	Clamp	43	13	2

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

3316-259

Part No.	Description	Pg. No.	Ref. No.	Qty.	Part No.	Description	Pg. No.	Ref. No.	Qty.
42-8180	Fuel Return Pipe Assembly	43	33	1	42-9120	Intake Manifold Assembly	38	6	1
42-8190	Joint	43	35	2	42-9140	Gasket - Intake Manifold	38	7	1
42-8220	Holder - Delivery Valve	47	16	3	42-9150	Pipe Inlet	38	3	1
42-8230	Spring - Delivery Valve	47	14	3	42-9160	Gasket - Inlet Pipe	38	5	1
42-8240	Gasket - Delivery Valve	47	13	3	42-9170	Gasket - Exhaust Manifold	38	39	1
42-8250	Delivery Valve Sub Assy.	47	12	3	42-9180	Wire - Glow Plug Lead	38	26	2
42-8260	Element Sub Assembly	47	11	3	42-9190	Glow Lamp	3	14	1
42-8270	Sleeve - Plunger Control	47	22	3	42-9200	Complete Gasket Set	39	*	1
42-8280	Seat - Spring, Upper	47	23	3	42-9210	Bolt - Bearing Cap	41	67	8
42-8290	Spring - Pump Plunger	47	24	3	42-9220	Screw - Cap Hex. Hd.	41	56	6
42-8300	Tappet Sub Assembly	47	27	3	42-9230	Screw - Cap (8 x 16)	38	51	15
42-8310	Rack Assembly - Control	47	21	1	42-9230	Screw - Cap Hex. Hd.	43	32	2
42-8320	Seat - Spring, Lower	47	25	3	42-9230	Screw - Cap Hex. Hd.	37	34	1
42-8330	O-Ring	47	15	3	42-9230	Screw - Cap Hex. Hd.	41	81	3
42-8340	Pin - Tappet Guide	47	19	3	42-9240	Screw - Cap (12 x 28)	38	44	3
42-8350	Plate	47	20	1	42-9250	Screw - Cap Hex. Hd.	40	14	4
42-8360	Plate Assembly - Adjusting	47	18	2	42-9260	Plug - Oil Drain	38	49	1
42-8370	Screw - Air Breather	47	8	1	42-9300	Screw - Cap (10 x 20)	39	64	2
42-8380	Screw - Hollow	47	10	1	42-9310	Screw - Cp, Hex. Hd.	38	1	4
42-8390	Shim - Plate	47	26	A/R	42-9320	Bolt - Cylinder Head	38	31	8
42-8400	Shim - Plate	47	*	A/R	42-9330	Bolt - Cylinder Head	38	25	3
42-8410	Shim - Plate	47	*	A/R	42-9350	Screw - Cap Hex. Hd.	40	27	2
42-8420	Shim - Plate	47	*	A/R	42-9360	Bolt	40	26	2
42-8430	Shim - Plate	47	*	A/R	42-9370	Screw - Cap Hex. Hd.	40	42	1
42-8440	Shim - Plate	47	*	A/R	42-9390	Bolt (8 x 32)	38	33	6
42-8450	Shim - Plate	47	*	A/R	42-9400	Screw - Cap Hex. Hd.	45	28	3
42-8460	Spring Return	46	6	1	42-9420	Bolt - High Speed Set	45	3	1
42-8620	Pin - Pressure	48	5	3	42-9430	Screw - Cap Hex. Hd.	45	14	3
42-8630	Spring - Pressure	48	4	3	42-9440	Screw - Cap Hex. Hd.	40	39	1
42-8640	Nipple	48	10	3	42-9450	Bolt/Washer - Assembled	45	21	1
42-8650	Nut - Retaining	48	8	3	42-9470	Bolt - Connecting Rod	41	50	6
42-8660	Piece - Distance	48	6	3	42-9480	Screw - Cap Hex. Hd.	43	43	4
42-8670	Flange	48	2	3	42-9490	Screw - Cap (6 x 12)	39	58	4
42-8680	Nozzle Assembly	48	7	3	42-9500	Screw - Cap (8 x 45)	39	55	3
42-8690	Metal - Sealing	45	1	1	42-9500	Screw - Cap Hex. Hd.	42	87	8
42-8700	Wire	45	2	1	42-9510	Screw - Cap (8 x 60)	39	59	1
42-8710	Weight Assy. - Governor	45	16	1	42-9510	Screw - Cap Hex. Hd.	35	46	2
42-8720	Sliding Shaft Assembly	45	13	1	42-9520	Screw - Cap (8 x 30)	38	43	5
42-8730	Governor Lever Assembly	45	20	1	42-9530	Screw - Cap (8 x 40)	39	66	1
42-8740	Spring - Tie Rod	45	11	1	42-9570	Stud (8 x 25)	38	38	5
42-8750	Tie Rod	45	12	1	42-9580	Nut	35	19	2
42-8760	Governor Shaft	45	22	1	42-9580	Nut	37	20	4
42-8770	Lever - Governor Spring	45	8	2	42-9580	Nut	44	64	1
42-8780	Speed Control Lever Assy.	45	6	1	42-9580	Nut (8)	38	19	3
42-8790	Cover Assembly	45	29	1	42-9580	Nut - Jam	45	10	2
42-8800	Gasket Cover	45	30	1	42-9590	Nut - Connecting Rod	41	61	6
42-8810	Pin - Grooved	45	5	2	42-9600	Washer - Lock	23	9	28
42-8810	Pin - Grooved	45	32	1	42-9600	Washer - Lock	37	25	4
42-8820	Governor Spring	45	23	1	42-9600	Washer - Lock	35	40	3
42-8830	O-Ring	45	7	2	42-9600	Washer - Lock	39	65	2
42-8850	Oil Pump Assembly	44	*	1	42-9600	Washer - Lock	39	67	2
42-8860	Plunger - Relief	43	40	1	42-9600	Washer - Lock M10	21	42	24
42-8870	Plug	43	38	1	42-9600	Washer - Spring	40	25	3
42-8880	Gasket	43	37	1	42-9620	Nut - Jam	40	29	6
42-8900	Body - Oil Pump	43	48	1	42-9640	Nut - Jam	45	36	1
42-8910	Rotor Assembly - Oil Pump	43	45	1	42-9660	Washer - Flat	43	23	6
42-8920	Cover - Oil Pump	43	44	1	42-9660	Washer - Plain (8)	39	54	4
42-8930	Spring - Relief	43	39	1	42-9670	Washer	48	9	3
42-8940	O-Ring	43	46	1	42-9680	Washer	48	3	A/R
42-8950	Gasket - Oil Pump Body	43	49	1	42-9690	Washer	48	*	A/R
42-8960	Driven Unit - Speedometer	42	*	1	42-9700	Washer	48	*	A/R
42-8970	Pin - Spring	40	35	1	42-9710	Washer	48	*	A/R
42-8980	Sleeve - Gear	40	36	1	42-9720	Washer	48	*	A/R
42-8990	O-Ring	40	37	1	42-9730	Washer	48	*3	A/R
42-9010	O-Ring	40	34	1	42-9740	Washer	48	*	A/R
42-9020	Plate - Locking	41	63	1	42-9750	Washer	48	*	A/R
42-9030	Filter Assembly - Oil	43	42	1	42-9770	Washer	47	9	1
42-9060	Oil Pressure Switch Assy.	43	41	1	42-9790	Washer - Head Bolt	38	32	8
42-9070	Pulley - Water Pump	39	56	1	42-9800	Washer	38	20	2
42-9080	Water Pump Assembly	39	60	1	42-9810	Washer - Flat	42	86	1
42-9090	Gasket - Water Pump	39	61	1	42-9820	Washer	44	73	1
42-9100	Belt - Fan	35	21	1	42-9830	Washer - Seal	43	3	2
42-9110	Gasket	38	41	1	42-9850	Washer - Lock	38	2	24

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
42-9850	Washer - Lock	40 7 11	43-3110	Spring - Ungleich Set	46 2 1
42-9850	Washer - Lock	45 9 2	43-3120	Washer - Seal	45 27 1
42-9850	Washer - Lock	43 31 7	43-3130	Hose - Water	38 13 1
42-9850	Washer - Lock M8	21 34 8	43-3140	Clamp - Hose	38 12 2
42-9850	Washer - Lock, M8	23 29 28	43-3150	Bolt/Washer - Assembled	47 17 2
42-9860	Washer - Spring	41 85 1	43-3160	Screw - Adjusting	45 33 1
43-0080	Nut - Set	49 10 1	43-3190	Screw - Cap Hex. Hd.	35 41 3
43-0090	Screw - Cap (10 x 25)	38 48 2	43-3200	Screw - Cap Hex. Hd.	37 24 4
43-0110	Screw - Cap Hex. Hd.	43 14 4	43-3210	Screw - Cap Hex. Hd.	35 28 4
43-0120	Screw - Set	49 3 1	43-3320	Foam - Radiator	5 28 2
43-0130	Screw - Set	49 19 1	43-3330	Shroud - Radiator	5 17 1
43-0190	Spring Set	50 4 1	43-3340	Plate - Sealing, Grille	5 42 1
43-0370	Shim	44 65 AIR	43-3350	Hose - Upper Radiator	5 13 1
43-0380	Spacer	44 66 1	43-3510	Pulley - Engine	35 27 1
43-0390	Alternator	44 67 1	43-3530	Pulley Flywheel	37 26 1
43-0400	Brace - Alternator	44 71 1	43-3690	Fan - Shaft	37 2 1
43-0410	Regulator Assembly	3 25 1	43-3700	Hub - Fan	37 4 1
43-0420	Pulley Assembly	49 2 1	43-3720	Collar - Bearing	35 32 1
43-0430	Bracket Assembly Front	49 4 1	43-3730	Bracket Throttle Control	35 52 1
43-0440	Bearing - Front	49 5 1	43-3760	Lever - Throttle	36 54 1
43-0450	Rotor Assembly	49 7 1	43-3770	Link - Throttle	35 1 1
43-0460	Bearing - Rear	49 8 1	43-3780	Swivel - Throttle Control	35 9 1
43-0470	Stator	49 9 1	43-3790	Bracket - Belt Guide	35 48 1
43-0480	Rear Bracket Assembly	49 14 1	43-3820	Spacer	3 34 1
43-0490	Holder Assembly Brush	49 11 1	43-3850	Muffler	37 17 1
43-0500	Brush	49 12 2	43-3860	Shaft - Pivot P.T.O.	9 9 1
43-0510	Spring - Brush	49 15 1	43-3870	Support - Muffler	37 8 1
43-0520	Rectifier Assembly	49 13 1	43-3880	Pulley	37 10 1
43-1440	Engine	35 13 1	43-3900	Guard - Fan Belt	8 5 1
43-1710	Valve Assembly	31 13 1	43-3970	Panel - Instrument	3 16 1
43-1770	Plate - Rear	38 46 1	43-3980	Decal - Panel, Instrument	3 46 1
43-1780	Thermostat	38 14 1	43-3990	Throttle Control	3 23 1
43-1790	Fitting - Thermostat	38 10 1	43-4000	Circuit Breaker	3 21 1
43-1800	Flywheel	41 53 1	43-4010	Wire Assembly	4 4 2
43-1810	Gear - Ring	41 54 1	43-4040	Wire Assembly	4 3 1
43-1870	Manifold - Exhaust	38 42 1	43-4150	Fuel Tank	16 4 1
43-1880	Control Unit Assembly	3 27 1	43-4160	Fitting - Return & Vent	16 13 1
43-1890	Screw	49 18 1	43-4190	Fitting Assembly	16 28 1
43-1900	Screw - Cap Hex. Hd.	44 68 1	43-4230	Hose	36 56 1
43-1910	Fan - Cooling	37 1 1	43-4230	Hose - Return	16 15 1
43-1920	Nut Set	49 1 1	43-4300	Trim - Frame Rear	2 35 2
43-1940	Adapter - Temp. Gauge	35 11 1	43-5500	Pivot P.T.O.	9 31 1
43-2550	Filter	7 15 1	43-5540	Shaft P.T.O.	9 43 1
43-2560	Gasket	7 16 1	43-5550	Shaft - Actuator P.T.O.	9 32 1
43-2570	Gasket	7 14 1	43-5570	Arm, Actuator - P.T.O.	9 38 1
43-2580	Magnet	7 17 1	43-5630	Yoke - P.T.O.	9 51 1
43-2600	Capscrew	43 10 2	43-5690	Hose - Vent, Fuel Tank	16 16 1
43-2710	O-Ring	43 19 1	43-5910	V-Belt	37 11 1
43-2720	Mold	49 16 1	43-5920	Washer - Lock	49 17 1
43-2730	Solenoid - Tubular	45 17 1	43-5920	Washer - Lock	44 63 1
43-2740	Gasket	45 19 1	43-5930	Washer - Lock	23 14 12
43-2750	Nut	45 18 1	43-5930	Washer - Lock	45 15 7
43-2770	Lever - Stop	45 35 1	43-5930	Washer - Lock	40 28 2
43-2800	Screw - Cap Hex. Hd.	45 24 1	43-5930	Washer - Lock	39 57 4
43-2820	Sealing Cap	45 25 1	43-5950	Washer - Lock	35 26 4
43-2830	Nut	45 4 1	43-5960	Nut - Special	45 26 1
43-2900	Retainer - Oil Level Guide	43 20 1	43-5970	Nut	44 62 1
43-2910	Plate - Ungleich Set	46 3 A/R	43-6240	Shim - Plate	47 * A/R
43-2920	Plate - Ungleich Set	46 * A/R	43-6470	Nut	41 84 1
43-2930	Plate - Ungleich Set	46 * A/R	43-6710	Shim .003 - Diff. Adjust.	17 15 A/R
43-2940	Plate - Ungleich Set	46 * A/R	43-6711	Shim .005 - Diff. Adjust.	17 16 A/R
43-2950	Plate - Ungleich Set	46 * A/R	43-6712	Shim .010 - Diff. Adjust.	17 17 A/R
43-3000	Plate - Smoke Set	46 7 A/R	43-6713	Shim .030 - Diff. Adjust.	17 18 A/R
43-3010	Plate - Smoke Set	46 * A/R	43-6750	Cup - Bearing, Tapered	17 10 1
43-3020	Plate - Smoke Set	46 * A/R	43-6760	Cone - Bearing, Tapered	17 9 1
43-3030	Plate - Smoke Set	46 * A/R	43-6800	Nut - Lock	19 18 8
43-3040	Plate - Smoke Set	46 * A/R	43-6810	Torque - Spider	19 6 2
43-3050	Plate - Smoke Set	46 * A/R	43-6840	Housing - Lower	18 36 1
43-3060	Plate - Smoke Set	46 * A/R	43-7020	Hose - Lower Radiator	5 21 1
43-3070	Plate - Smoke Set	46 * A/R	43-8600	Spring - Compression	8 25 1
43-3080	Plate - Smoke Set	46 * A/R	43-8600	Spring - Compression	10 66 1
43-3090	Plate - Smoke Set	46 * A/R	43-8610	Guide - Spring & Ball Seat	9 5 1
43-3100	E-Ring	46 1 1	43-8610	Guide - Spring & Ball Seat	8 24 1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

3316-259

Part No.	Description	Pg. No.	Ref. No.	Qty.	Part No.	Description	Pg. No.	Ref. No.	Qty.
43-8620	Guide - Switch Pin	8	27	1	54-8690	Shim - Plate	47	* A/R	
43-8620	Guide - Switch Pin	10	68	1	54-8700	Plate - Smoke Set	46	* A/R	
43-8860	Plunger - Switch	8	26	1	54-8710	Plate - Smoke Set	46	* A/R	
43-8860	Plunger - Switch	10	67	1	54-8730	Plate - Smoke Set	46	* A/R	
43-8870	Boot - Switch	8	30	1	54-8740	Plate - Smoke Set	46	* A/R	
43-8870	Boot - Switch	10	71	1	54-8750	Plate - Smoke Set	46	* A/R	
43-9071	Assembly - Switch	8	*	1	54-8760	Plate - Smoke Set	46	* A/R	
44-2210	Warning Light	3	8	1	54-8770	Plate - Smoke Set	46	* A/R	
44-2220	Wire Lead	3	6		54-8780	E-Ring	46	5	1
44-2230	Coupling - Rubber	27	26	4	54-9040	Yoke - End (Split)	10	63	1
44-8070	Nozzle & Holder Assembly	38	34	3	54-9180	Kit - U-Joint	10	58	2
44-8080	Body	48	1	3	54-9180	Kit - Universal Joint	24	2	2
44-8090	Lever Assembly Stop	45	31	1	54-9290	Bracket	27	37	2
44-8100	Spring Return	45	34	1	54-9300	Cover	28	66	1
44-8950	Tube - Air Cleaner	51	18	1	55-3572	Fuel Cap	16	18	1
46-7540	Lever Assembly	50	3	1	55-4300	Warning Decal	52	12	3
46-7610	Starter Assembly	38	47	1	56-0960	Plate - Smoke Set	46	*7 A/R	
46-7620	Screw - Set	50	1	1	56-2460	Washer - Flat	25	36 A/R	
46-7630	Bracket Assembly - Front	50	2	1	56-2460	Washer - Flat	20	41 A/R	
46-7650	Bracket Assembly - Center	50	5	1	60-9760	Nut	32	12	1
46-7660	Switch Assembly	50	6	1	60-9760	Nut - Hex	33	7	1
46-7670	Armature Set	50	8	1	60-9770	Piston	32	11	1
46-7680	Bearing - Front	50	7	1	60-9780	Head	32	5	1
46-7690	Bearing - Rear	50	9	1	61-4960	Seal Repair Kit	32	*	1
46-7700	Bolt Set	50	15	1	61-4980	Shaft - w/Clevis	32	1	1
46-7710	Shaft Assembly - Clutch	50	*	1	61-4990	Ring - Retaining	32	4	1
46-7720	Pinion Set	50	19	1	62-3290	Shaft - Slip Yoke	10	60	1
46-7730	Snap Ring	50	20	1	62-3730	Screw - Cap w/Washer	40	8	2
46-7740	Gear Set	50	*	1	62-3740	Plate - Front	40	6	1
46-7750	Shaft Assembly Pinion	50	18	1	62-3790	Tube - Slip Yoke	10	62	1
46-7760	Gear	50	17	1	62-3800	Yoke - End	10	57	1
46-7770	Cover Set	50	16	1	62-3820	Fitting - Grease	10	59	2
46-7780	Yoke Assembly	50	11	1	62-4250	Cylinder - Hydraulic	31	21	1
46-7790	Brush Holder Assembly	50	13	1	62-4290	O-Ring	30	54	2
46-8030	Spring - Brush	50	12	4	62-6840	Sender - Fuel Level	16	12	1
46-8040	Bracket - Rear	50	14	1	62-6940	Cap	45	37	1
46-8050	Packing	50	10	1	62-7650	Gasket	16	8	1
46-8091	Screw - Flange	5	49	2	63-1400	Belt Guide	36	58	1
46-8400	Bearing - Needle	30	53	2	63-7590	Relay	3	42	1
46-8410	Motor Shaft	30	58	1	63-8280	Head Assembly	7	5	1
46-8810	Stop - Leaf, Spring	27	6	1	63-8290	Vent	7	3	1
46-8840	Spring - Lift Arm	52	14	1	63-8300	Element - Fuel Filter	7	10	1
47-7420	Hose	36	55	1	63-8310	Drain Valve	7	11	1
48-1800	Cylinder Block Kit	29	5	2	63-8360	Key	3	11	1
48-1980	Gasket	41	78	1	63-8960	Hose Assy. - Valve/Cooler	5	38	1
48-1990	Nut - Jam	41	77	1	63-8970	Hose - Trans. to Steering	13	14	1
48-2010	Screen - Assembly Oil	41	76	1	63-8980	Hose - Aux. to Valve	13	22	1
48-2020	Cylinder Block Sub Assy.	39	62	1	63-8990	Hose	31	15	1
48-7710	Screw - Cap, M8 x 20	23	39	4	63-8990	Hose	13	23	1
48-7780	Screw - Cap Hex. Hd.	20	16	8	63-9010	Hose Assy. - Cooler/Pump	5	27	1
48-7960	Nut	20	27	2	63-9260	Manifold - Valve	31	17	1
48-9220	Washer - Flat	20	17	8	63-9640	Hose - Fuel	16	27	1
48-9460	Bolt - Hex. Hd.	21	35	4	63-9650	Hose	7	20	1
48-9460	Screw - Cap, M8 x 25	23	28	20	63-9720	Hose	7	7	1
48-9470	Bolt - M10 x 30	22	43	24	65-5100	Handle - Hood	5	12	1
48-9470	Screw - Cap, M10 x 30	23	10	4	66-1250	Cylinder - Hydraulic	31	*	1
49-2040	Screw - Self Tapping	28	60	3	66-1930	Nut	26	10	1
49-2280	Decal - Fuel Diesel	2	34	1	66-3240	Cap - Pressure Radiator	6	53	1
49-7990	Cap - Shipping	40	31	1	66-5310	Idler Pulley	37	18	1
53-4430	Decal - Oil	16	42	1	66-5320	Spacer	37	19	1
53-8150	Pump Assy. Fuel, Electric	7	13	1	66-6370	Lift Arm	52	1	1
53-9480	Washer	37	28	2	66-6390	Decal - Caution	1	5	1
53-9480	Washer	35	39	2	66-7030	Screw - Cap w/Washer	37	32	2
53-9660	V-Belt Torque Team	9	12	1	66-7150	Push Arm R.H.	52	9	1
53-9680	Engine Mount - Rubber	35	23	2	66-8111	Trim - Hood Cutout	6	54	1
53-9680	Engine Mount - Rubber	37	29	2	66-9760	Nut - Hex.	13	2	1
53-9710	Engine Mount	35	22	2	66-9970	Spring Kit	14	*	1
53-9750	Fan Mount	37	6	1	66-9980	Seal Kit	14	*	1
54-7890	Pump Housing	29	22	1	66-9990	Needle Roller Kit	14	*	1
54-8650	Screw - Cap Flange Hd.	44	70	1	67-1710	Decal - Caution	1	28	1
54-8660	Washer	44	69	1	67-1720	Decal - Torque	2	44	2
54-8670	Bolt - Flywheel	41	52	5	67-1750	Bushing	20	13	2
54-8680	Shim - Plate	47	*	A/R	67-5450	Piston	33	6	1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
67-5460	Head	33 5 1	72-3431	Tube - Yoke, Slip	24 5 1
67-5470	Ring - Retaining	33 4 1	72-3440	Yoke - Shaft	24 6 1
67-5480	Shaft	33 2 1	72-3540	Valve - Relief Adj.	27 * 1
67-5500	Repair Kit	33 3 1	72-3550	Tube Assembly	27 20 1
67-8020	Pump Shaft	29 20 1	72-3570	Shim .094 - Diff. Adjust.	17 24 A/R
67-8050	Bearing - Needle	29 35 1	72-3571	Shim .096 - Diff. Adjust.	17 * A/R
67-8060	Lip Seal	29 36 1	72-3572	Shim .098 - Diff. Adjust.	17 * A/R
67-8190	Bracket - Engine Support	8 12 2	72-3573	Shim .100 - Diff. Adjust.	17 *24 A/R
67-8470	Strip - Retainer	5 30 1	72-3574	Shim .102 - Diff. Adjust.	17 * A/R
67-8570	Strip - Sealing	5 41 1	72-3575	Shim .104 - Diff. Adjust.	17 * A/R
67-8690	Support - Column	13 7 1	72-3576	Shim .106 - Diff. Adjust.	17 * A/R
67-8810	Hinge L.H.	8 10 1	72-3577	Shim .108 - Diff. Adjust.	17 * A/R
67-8820	Hinge R.H.	8 4 1	72-3578	Shim .110 - Diff. Adjust.	17 * A/R
67-8840	Pin - Hinge	5 7 1	72-3580	Shim .112 - Diff. Adjust.	17 * A/R
67-8870	Support - Radiator	5 46 1	72-3581	Shim .114 - Diff. Adjust.	17 * A/R
67-8960	Weight - Rear	25 11 1	72-3582	Shim .116 - Diff. Adjust.	17 * A/R
67-9000	Screen - Rear	5 3 1	72-3583	Shim .118 - Diff. Adjust.	17 * A/R
67-9030	Grille	5 47 1	72-3584	Shim .120 - Diff. Adjust.	17 * A/R
67-9080	Housing - Motor	29 4 1	72-3585	Shim .125 - Diff. Adjust.	17 * A/R
67-9090	Plug	29 42 1	72-3586	Shim .127 - Diff. Adjust.	17 * A/R
67-9100	Gasket	29 10 1	72-3587	Shim .129 - Diff. Adjust.	17 * A/R
67-9800	Bumper	52 37 1	72-3588	Shim .131 - Diff. Adjust.	17 * A/R
68-5140	Cap - Wheel Steering	13 46 1	72-3590	Shim .133 - Diff. Adjust.	17 * A/R
68-5370	Decal - Toro	13 1 1	72-3591	Shim .135 - Diff. Adjust.	17 * A/R
68-6822	Axle - Drive, Steerable	20 1 1	72-3592	Shim .137 - Diff. Adjust.	17 * A/R
68-6870	Rod End	20 7 1	72-3593	Shim .139 - Diff. Adjust.	17 * A/R
68-6910	Arm - R.H., Steering	20 2 1	72-3594	Shim .141 - Diff. Adjust.	17 * A/R
68-6930	Arm - L.H., Steering	20 18 1	72-3595	Shim .143 - Diff. Adjust.	17 * A/R
68-6950	Cross Member W.A.	25 26 1	72-3596	Shim .145 - Diff. Adjust.	17 * A/R
68-6990	Stop - Oscillation	20 15 2	72-3597	Shim .147 - Diff. Adjust.	17 * A/R
68-7010	Flange	17 22 1	72-3598	Shim .149 - Diff. Adjust.	17 * A/R
68-8610	Fender - Extension	2 45 1	72-3600	Shim .151 - Diff. Adjust.	17 * A/R
68-8660	Elbow - Fitting	27 39 1	72-3690	Fender	1 10 2
68-8990	Head - Filter	27 42 1	72-3700	Decal - Caution	2 50 2
68-9110	Shim	37 37 A/R	72-3710	Body - Valve, Relief	27 17 1
68-9111	Shim	37 * A/R	72-3720	Cartridge - Valve, Relief	27 18 1
68-9112	Shim	37 * A/R	72-3730	Seal Kit (Relief Valve)	27 * 1
68-9160	Bracket	5 35 1	72-3750	Bearing - Ball	29 2 1
68-9650	Hose - Axle	27 46 1	72-4200	Ring - Set - Piston Std.	40 44 3
68-9710	Hose Assy. - Steering	25 22 1	72-4210	Ring Set - Piston	40 45 3
68-9720	Hose - Cylinder to Steering	13 19 1	72-4220	Ring Set - Piston	40 46 3
68-9730	Hose - Steering to Cylinder	13 18 1	72-4230	Ring Set - Piston	40 47 3
68-9760	Fuel Tank Base	16 2 1	72-4240	Piston & Piston Pin Std.	41 48 3
70-1180	Cable - Battery Positive	1 20 1	72-4250	Piston & Piston Pin	41 * 3
70-1190	Cable - Ground	3 43 1	72-4260	Piston & Piston Pin	41 * 3
70-1190	Ground Cable	4 5 1	72-4270	Piston & Piston Pin	41 * 3
70-1380	Sleeve - Protective	13 17 1	72-4280	Camshaft	44 59 1
70-1390	Sleeve - Protective	13 15 1	72-4290	Head Assembly - Cylinder	38 8 1
70-2200	Decal - Toro	1 2 1	72-4320	Switch - Ball	9 3 1
70-2560	Decal - Lube	20 26 1	72-4320	Switch - Ball	8 20 1
70-2620	Elbow - Fitting	27 48 1	72-4870	Case - Differential	21 24 1
71-4330	Seal	17 23 1	72-4880	Cover	21 2 1
71-4340	Washer	17 21 1	72-4890	O-Ring	21 3 1
71-4350	Nut	17 20 1	72-4900	Case - Differential	21 8 1
71-4400	Coupling - Drive	27 27 1	72-4910	Flange - Case	21 12 1
71-4410	Spacer - Coupling, Rubber	27 31 2	72-4930	Gear - Side	21 9 1
71-4411	Spacer - Coupling, Rubber	27 29 6	72-4940	Gear - Side	21 40 1
71-4430	Hose Assy. - Steering	25 21 1	72-4950	Gear - Pinion	21 10 2
71-4450	Bolt - Wheel	20 23 10	72-4960	Shim .1 mm	21 5 1
71-4530	Tie Rod Assembly	20 * 1	72-4970	Shim .15 mm	21 * 1
71-4540	Washer - Thrust	20 14 1	72-4980	Shim .5 mm	21 * 1
71-4540	Washer - Thrust	25 15 1	72-4990	Shim .8 mm	21 * 1
71-4551	Driveshaft (Complete)	24 * 1	72-5000	Shim 1.0 mm	21 * 1
71-4570	Housing - Clutch,	20 33 1	72-5010	Shim 1.2 mm	21 * 1
71-4580	Clutch - Roller	20 31 2	72-5020	Shaft - Pinion	22 47 1
71-4590	Washer - Thrust	20 30 2	72-5030	Pin - Dowel	22 45 2
71-4690	Screw - Cap Hex. Hd.	20 28 2	72-5040	Washer - Gear	21 11 1
71-4740	Rod End	20 20 2	72-5050	Tube - Axle RH	21 16 1
71-4750	Tube & Clamp Assembly	20 12 1	72-5060	Axle - RH	21 17 1
71-4760	Seal - Rod	20 8 3	72-5070	Gasket	21 15 2
71-4850	Cover - Guard Flywheel	25 16 1	72-5080	Gasket	21 14 2
72-3410	Yoke - Flange	24 1 1	72-5090	Gear - Bevel	23 18 2
72-3420	Shaft - Yoke, Slip	24 3 1	72-5090	Gear - Bevel	21 21 2

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

3316-259

Part No.	Description	Pg. No.	Ref. No.	Qty.	Part No.	Description	Pg. No.	Ref. No.	Qty.
72-5100	Spacer	21	20	2	82-8670	Rod - Brake Latch	11	10	1
72-5110	Tube - Axle LH	22	44	1	82-8760	Elbow	13	12	1
72-5120	Axle - LH	21	41	1	82-8770	Elbow	13	21	1
72-5130	Vent	21	23	1	82-8930	Decal - Parking Brake	11	12	1
72-5140	O-Ring	21	25	1	82-8940	Decal - Steering Tilt	13	44	1
72-5150	Plug	21	26	1	82-8950	Foam - Flange Hood	5	45	2
72-5160	Shim .1mm	21	29	1	82-8970	Decal - Coolant Radiator	5	48	1
72-5170	Shim .15 mm	21	*	1	82-8980	Frame	1	3	1
72-5180	Shim .5 mm	21	*	1	82-9010	Disc - Friction	13	38	1
72-5190	Shim .8 mm	21	*	1	83-5330	Washer - Bearing	21	38	1
72-5200	Shim 1.0 mm	21	*	1	83-5340	Nut - Bearing	21	37	1
72-5210	Shim 1.2 mm	21	*	1	83-5350	Case - Bearing	21	33	1
72-5360	Ring - Retaining	21	19	2	83-5360	Seal - Oil	21	36	1
72-5370	Ring - Retaining	21	22	2	83-7260	Relief Valve Cone	29	31	2
72-5440	Pin - Spring	22	46	1	83-9150	Decal - Starting Fluid	51	19	1
72-5460	O-Ring	21	32	1	84-4890	Drive Shaft Assembly	10	*	1
72-5510	Gear Box - Axle	23	23	2	84-8500	Lever - P.T.O.	9	2	1
72-5520	Case - Knuckle	23	38	2	84-8520	Bracket - P.T.O. Switch	9	6	1
72-5540	Case - Knuckle	23	30	2	84-8600	Shoe & Lining Assembly	19	9	1
72-5550	Cover	23	26	2	84-8610	Decal - Groundmaster	5	4	2
72-5560	Pin - King, Knuckle	23	20	2	86-7040	Rod - Seat Prop	8	32	1
72-5570	Shaft - Axle, Outer	23	35	2	86-7050	Bracket - Switch Actuator	10	73	1
72-5580	Gear - Bevel	23	5	4	86-7220	Gear - Output, Trans.	28	52	1
72-5590	Retainer - Bearing	23	15	2	86-7230	Gear - Spur	17	14	1
72-5600	Washer - Thrust	23	21	2	86-8100	Ball Joint Assembly	52	33	2
72-5620	Gasket	23	1	4	86-9410	Bracket - Seat Support	6	59	1
72-5630	Gasket	23	16	2	86-9610	Carrier Assembly	18	28	1
72-5640	Bearing - Needle	23	22	2	86-9630	Front Axle Assembly	16	35	1
72-5650	Hub - Wheel	23	34	2	88-0070	Plate - Floor	2	49	1
72-5660	Washer - Shaft, Wheel	23	33	2	88-0470	Tube - Pedal Spacer	12	49	1
72-5670	Pin - Dowel	23	7	4	88-0530	Pedal - Traction	11	18	1
72-5680	Spacer	23	19	2	88-1640	Pin - Traction Pedal	11	20	1
72-5720	Ring - Retaining	23	4	2	88-1650	Shaft - Traction Pedal	11	22	1
72-5730	Seal - Oil	23	24	4	88-1670	Bracket - Pivot	11	23	1
72-5740	Seal - Oil	23	2	2	88-1680	Bracket - Footrest	11	48	1
72-5770	Nut - Castle	23	32	2	88-1710	Footrest	12	50	1
72-5780	Key	23	36	2	88-1720	Pad - Footrest	12	51	1
72-5790	Screw - Cap, M6 x 18	23	13	12	88-1730	Pad - Front Pedal	11	47	1
72-5800	Bolt	21	1	8	88-1740	Pad - Pedal Rear	11	19	1
72-5810	Bolt	21	7	8	88-1790	Wire Harness Assembly	4	2	1
72-5820	Plug	21	28	1	88-3390	Plate - Sealing	5	37	1
72-5840	Gasket	21	27	1	88-8220	By-Pass Valve	29	15	1
72-9420	Vent Assembly	18	41	1	92-1676	Gear & Pinion Assembly	18	*	1
74-0720	Tube - Manual	8	2	1	92-1773	Screw - Cap Hex. Hd.	17	11	4
75-0560	Steering Wheel Assembly	13	3	1	92-1774	Seal - Oil	19	2	2
75-9890	Washer - Shim	10	75	A/R	92-4058	Arm - P.T.O.	9	30	1
75-9900	Engine Support - Front	35	29	1	92-4060	Fork P.T.O.	9	24	1
76-1900	O-Ring	29	18	2	92-4902	Assy. - Upper Housing, 4WD	18	*	1
76-4690	Coupling - Axle	20	37	1	92-5723	Bushing - P.T.O. Fork	9	23	2
77-2970	Ring & Pinion Assembly	22	*	1	92-5727	Screw - Cap Hex. Hd.	9	22	2
77-2980	Arm - Knuckle	23	8	2	92-5838	Ball Joint	25	23	1
77-3100	Decal - Warning	5	15	3	92-7308	Valve - Steering Power	13	25	1
77-3120	Bracket - Mount Column	13	9	1	92-7310	Bolt - Special	14	36	4
77-3140	Engine Mount	37	22	1	92-7314	Assembly - Column	14	*	1
77-3170	Stop - Cable Hood	5	22	2	92-7315	Seal	14	28	1
77-3180	Spacer	51	22	4	92-7316	Nut - Push On	14	38	4
77-5140	Decal - Hood 4wd L.H.	5	50	1	92-7317	Foam	14	39	1
77-5150	Decal - Hood 4wd R.H.	5	*	1	92-7800	Cover - Access Battery	1	32	1
77-5160	Foam - Side	5	2	1	92-7801	Shield - Cover, Battery	2	54	1
77-5170	Foam - Top	5	1	1	92-7802	Decal - Instructions Start.	1	31	1
77-5250	Spacer - Cable Hood	5	23	4	92-7803	Support W.A. - Axle	25	9	1
80-0060	Hose - Air Cleaner	51	10	1	92-7807	Pin W.A. - Axle Rear	25	7	1
80-2880	Bracket - Steering Tilt	13	40	1	92-7827	Wire - Hour Meter Ground	4	1	1
80-2890	Handle - Steering Tilt	13	34	1	92-7829	Cylinder - Hyd. Steering	25	32	1
80-2930	Washer	13	39	1	92-7833	Hose - (Valve to Cylinder)	31	19	1
80-2940	Plate - Pivot	13	29	1	92-7834	Hose	31	22	1
80-2960	Spacer - Tower	13	10	2	92-7839	Sleeve - Protective, Short	25	33	1
80-2970	Pin - Steering Tilt	13	33	1	92-7840	Sleeve - Protective, Long	25	37	1
80-2980	Boss - Pin	13	32	1	92-8775	Kit - Gasket, Liquid	19	*	1
80-3330	Gasket	51	12	1	92-8776	Plug	30	61	2
82-2590	Plug - Thrust	42	88	1	92-8777	O-Ring	30	62	2
82-8650	Clamp - Half	13	37	1	92-8918	Center Section	30	55	1
82-8660	Cover - Tower	13	5	1	92-8941	Butt & Tube - Assembly	26	11	1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.	Part No.	Description	Pg. No.	Ref. No.	Qty.
92-8942	Rod	20	1	1	2412-108	Clamp - Hose	31	28	2
92-8943	Piston	26	9	1	2412-108	Clamp - Worm Drive	35	14	1
92-8944	Gland	26	4	1	2412-108	Hose Clamp	7	1	5
92-8945	Kit - Seal	26	*	1	2412-127	Clamp	5	6	4
92-8947	Transmission - Inline	27	50	1	2412-133	R-Clamp	8	3	2
212-93	Wire Clip	8	18	2	251-8	Bearing - Ball	23	6	2
212-93	Wire Clip	10	53	1	251-8	Bearing - Ball	29	46	1
217-106	Wheel	20	24	2	251-234	Lock Collar	9	41	2
217-116	Rim - 23x10.5x12	16	*	2	251-252	Ball Bearing	9	40	2
217-117	Rim	16	33	2	251-252	Bearing - Ball	35	33	1
218-461	Nut - Jam	8	29	2	251-259	Bearing - Ball	27	10	1
218-461	Nut - Jam	10	70	2	251-263	Bearing - Ball	23	25	2
218-473	Toggle Switch Boot	3	17	1	251-344	Bearing - Ball	21	4	1
218-515	Mounting Bracket	3	39	1	251-345	Bearing - Ball	21	13	1
218-533	Lens	3	9	1	251-347	Bearing - Ball	23	12	2
218-539	Clamp	3	13	1	251-348	Bearing - Ball	23	3	2
231-90	Tube - Inner	16	*	2	251-349	Bearing - Ball	23	17	2
231-95	Tire - 23x10.5x12	16	*	2	251-350	Bearing - Ball	21	18	2
231-122	Tire	20	22	2	252-82	Bearing - Bearing	29	23	2
231-138	Tire - 6 Ply	16	31	2	253-155	Seal	20	34	2
232-27	Valve Stem	16	*	1	254-65	Cone - Bearing, Tapered	18	30	2
232-31	Stem - Valve	20	25	2	254-66	Cup - Bearing, Tapered	18	29	2
232-31	Valve Stem w/Cap	16	34	2	254-90	Cup - Bearing	18	26	1
233-17	Knob	11	11	1	254-91	Cone - Bearing	17	25	1
233-21	Knob	31	3	1	254-108	Bearing - Tapered Roller	21	31	1
233-21	Knob - Handle	13	35	1	254-109	Bearing - Tapered Roller	21	39	1
233-35	Knob	3	7	2	256-10	Bushing	11	43	4
237-7	Seal - O-Ring	8	28	1	256-113	Bushing - Flange	9	47	4
237-7	Seal - O-Ring	10	69	1	256-126	Bushing	52	16	6
237-21	O-Ring	27	14	3	256-156	Bushing	11	6	5
237-22	O-Ring	29	13	1	281-1	Plug - Taper	43	16	1
237-22	O-Ring	25	20	2	281-7	Plug - Pipe, Square Hd.	23	37	2
237-22	O-Ring	31	29	2	281-10	Plug - Socket, Hex.	23	27	2
237-22	O-Ring	28	64	1	283-10	Pin	52	40	3
237-22	Seal - O-Ring	13	20	3	283-17	Pin	31	26	1
237-30	O-Ring	31	30	2	283-42	Clevis Pin	9	7	1
237-30	O-Ring	28	65	1	283-58	Pin - Clevis	11	14	2
237-30	Seal - O-Ring	9	4	1	283-74	Clevis Pin	9	26	1
237-30	Seal - O-Ring	13	13	3	283-76	Pin - Lynch	6	60	1
237-30	Seal - O-Ring	8	23	1	284-3	Plug - Welch	20	36	1
237-42	O-Ring	34	2	2	285-17	Pipe Plug	29	12	4
237-42	O-Ring	31	31	2	289-37	Nipple - Pipe	16	40	1
237-42	O-Ring	28	63	2	2811-9	Street Elbow	16	39	1
237-78	O-Ring	27	16	4	302-2	Grease Fitting	9	39	1
237-78	O-Ring	25	30	2	302-5	Fitting - Grease	52	13	1
237-78	O-Ring	31	32	2	302-5	Fitting - Grease	20	32	1
237-80	O-Ring	29	33	1	302-5	Fitting - Grease	52	34	2
237-80	O-Ring	27	38	1	302-5	Fitting - Grease	25	38	1
237-81	O-Ring	27	40	3	302-5	Fitting - Grease	11	44	2
237-86	O-Ring	29	7	4	302-10	Fitting - Grease	35	31	1
237-95	O-Ring	29	41	1	302-10	Grease Fitting	9	10	1
237-141	Bumper - Radiator	6	52	2	302-11	Fitting - Grease	20	11	1
242-34	Stud - Flanged, Axle	19	11	10	302-33	Fitting - Grease	52	28	2
249-21	Clamp - Hook	1	14	3	302-55	Fitting - Grease	33	1	2
249-39	Latch - Draw Flexible	5	24	1	302-55	Fitting - Grease	32	2	2
249-40	Keeper	6	56	1	302-55	Fitting - Grease	20	6	3
2412-3	Clamp - Hose	5	14	4	302-58	Fitting - Grease	24	4	1
2412-3	Hose - Clamp	51	9	1	302-58	Fitting - Grease	10	61	1
2412-4	Clamp	16	23	1	304-46	Drain Cock	5	25	1
2412-4	Clamp	1	25	3	304-73	Fitting - Straight Barb	31	23	1
2412-6	Clamp	16	17	2	304-73	Hose Barb	7	19	1
2412-31	Clamp - Bodine	35	6	1	304-75	Fitting - 90° Barb	31	20	1
2412-34	Clamp - Hose	27	47	2	304-96	90° Hose Barb	7	2	1
2412-36	Clamp	13	24	2	321-2	Screw - Cap Hex. Hd.	27	35	2
2412-36	Clamp Hose	31	16	1	321-3	Screw - Cap Hex. Hd.	37	36	4
2412-39	Clamp	25	24	2	321-4	Screw - Cap Hex. Hd.	7	4	2
2412-39	Clamp	5	40	1	321-4	Screw - Cap Hex. Hd.	5	5	2
2412-42	Hose Clamp	51	11	1	321-4	Screw - Cap Hex. Hd.	35	7	1
2412-61	Clip - Tinnermann	1	23	2	321-4	Screw - Cap Hex. Hd.	3	30	2
2412-74	Clamp	2	38	1	321-4	Screw - Cap Hex. Hd.	10	72	1
2412-79	Clamp	16	14	1	321-4	Screw - Cap Hex. Hd.	27	36	2
2412-79	Clamp	35	15	1	321-6	Screw - Cap Hex. Hd.	7	12	2
2412-79	Clamp - Hose	43	34	8	321-6	Screw - Cap Hex. Hd.	16	20	1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

3316-259

Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
321-6	Screw - Cap Hex. Hd.	3 44 1	3234-17	Screw - Cap Hex. Hd.	8 16 4
321-6	Screw - Cap Hex. Hd.	28 67 2	3234-18	Screw - Cap Hex. Hd.	36 60 1
321-23	Screw - Cap Hex. Hd.	31 14 5	3234-24	Screw - Flange Hex. Hd.	25 18 3
322-2	Screw - Cap Hex. Hd.	8 21 2	3234-25	Screw - Flange Hex. Hd.	25 27 4
322-4	Screw - Cap Hex. Hd.	29 37 4	3234-32	Screw - Flange Hex. Hd.	25 8 6
322-4	Screw - Cap Hex. Hd.	13 43 1	3234-32	Screw - w/Locking Flange	8 11 2
322-5	Screw - Cap Hex. Hd.	25 12 2	3241-5	Screw - Set Socket Head	35 36 2
322-5	Screw - Cap Hex. Hd.	3 29 2	3241-5	Screw - Set, Sq. Hd.	27 25 2
322-5	Screw - Cap Hex. Hd.	2 37 1	3245-1	Set Screw	9 46 2
322-6	Screw - Cap Hex. Hd.	5 43 1	3246-3	Set Screw	9 29 4
322-8	Screw - Cap Hex. Hd.	27 30 6	3249-11	Screw - Mach. Rd. Hd.	27 5 2
322-8	Screw - Cap Hex. Hd.	20 44 2	3250-17	Screw - Pan Hd.	3 22 2
322-9	Screw - Cap Hex. Hd.	10 65 2	3253-3	Washer - Lock	16 5 2
322-10	Screw - Cap Hex. Hd.	51 13 4	3253-3	Washer - Lock	24 8 6
322-10	Screw - Cap Hex. Hd.	27 34 2	3253-3	Washer - Lock	37 35 4
322-17	Screw - Cap Hex. Hd.	27 11 1	3253-3	Washer - Lock	20 38 6
323-6	Screw - Cap Hex. Hd.	13 27 2	3253-3	Washer - Lock	35 51 3
323-6	Screw - Cap Hex. Hd.	18 46 1	3253-4	Washer - Lock	1 9 2
323-7	Screw - Cap Hex. Hd.	27 43 2	3253-4	Washer - Lock	37 21 5
323-9	Screw - Cap Hex. Hd.	20 21 2	3253-4	Washer - Lock	35 47 2
323-13	Screw - Cap Hex. Hd.	29 3 4	3253-6	Washer - Lock	52 7 2
323-13	Screw - Cap Hex. Hd.	11 32 2	3253-17	Washer - Lock	3 3 6
323-14	Screw - Cap Hex. Hd.	5 32 3	3253-17	Washer - Lock	16 9 1
324-4	Screw - Cap Hex. Hd.	52 19 2	3253-21	Washer - Lock	11 29 4
324-11	Screw - Cap Hex. Hd.	37 27 2	3253-21	Washer - Lock	16 38 2
324-12	Screw - Cap Hex. Hd.	52 22 2	3253-21	Washer - Lock	27 44 2
324-12	Screw - Cap Hex. Hd.	35 38 2	3253-21	Washer - Lock	18 45 1
329-7	Screw - Cap Hex. Hd.	35 53 1	3253-21	Washer - Lock	10 55 4
3210-7	Screw - Cap Hex. Hd.	20 5 1	3254-2	Washer - Lock Int. Tooth	35 18 2
3210-7	Screw - Cap Hex. Hd.	27 9 1	3254-2	Washer - Lock Int. Tooth	3 24 6
3210-7	Screw - Cap Hex. Hd.	17 19 8	3254-2	Washer - I.T.L.W.	2 52 1
3217-5	Nut	35 50 1	3254-7	Washer - Lock	9 15 1
3217-6	Nut	51 2 2	3254-9	Washer - Lock	28 58 2
3217-6	Nut	1 11 2	3255-5	Washer - Lock	3 38 1
3217-6	Nut - Hex	3 32 2	3255-7	Washer - Lock Ext. Tooth	3 31 3
3217-6	Nut - Hex	28 57 2	3255-7	Washer - Lock	28 59 3
3217-7	Nut - Hex	11 28 2	3255-7	Washer - Lock Ext. Tooth	7 21 2
3217-8	Nut - Full	52 8 2	3255-8	Washer - Lock	17 2 8
3217-9	Nut - Hex.	18 42 2	3255-9	Washer - E.T.L.W.	36 61 1
3217-26	Nut	3 37 1	3256-1	Washer - Flat	3 45 1
3218-5	Nut - Jam	11 3 2	3256-3	Washer - Flat	27 32 4
3218-7	Nut - Jam	13 42 1	3256-3	Washer - Flat	13 28 4
3219-1	Nut	35 2 5	3256-6	Washer - Flat	9 20 1
3219-2	Nut	17 1 8	3256-6	Washer - Flat	18 43 2
3219-2	Nut - Hex	27 8 1	3256-6	Washer - Flat	28 61 1
3219-3	Nut	9 33 1	3256-14	Washer - Flat	3 35 1
3219-7	Nut	9 16 1	3256-22	Washer - Flat	11 8 1
3219-14	Nut	3 1 6	3256-22	Washer - Flat	35 8 1
3219-14	Nut	16 10 1	3256-23	Washer - Flat	8 9 1
3220-3	Nut - Jam	11 27 1	3256-23	Washer - Flat	8 22 2
3220-5	Nut - Jam	20 4 1	3256-24	Washer - Flat	30 60 4
3220-5	Nut - Jam	11 46 1	3256-25	Washer - Flat	52 6 1
3220-6	Nut	14 27 1	3256-26	Washer - Flat	11 40 1
3220-6	Nut - Jam	25 31 2	3256-28	Washer - Flat	9 14 4
3229-1	Bolt - Carriage	2 40 5	3256-41	Washer - Flat	9 36 4
3230-1	Bolt - Carriage	12 52 2	3256-46	Washer - Flat	13 26 2
3230-2	Bolt - Carriage	16 29 3	3256-64	Washer - Flat	35 25 4
3231-21	Bolt - Carriage	11 31 2	3257-5	Woodruff Key	9 11 3
3233-14	Bolt - Carriage	37 9 1	3257-30	Key - Woodruff	37 3 2
3234-1	Screw - Flange, Hex. Hd.	5 18 2	3257-32	Key - Woodruff	29 21 1
3234-11	Screw - Cap Hex. Hd.	11 39 3	3257-32	Key - Woodruff	27 24 1
3234-11	Screw - Cap Hex. Hd.	37 31 4	3257-33	Key - Woodruff	35 30 1
3234-11	Screw - Cap Hex. Hd.	35 45 4	3258-19	Screw - Mach. Rd. Hd.	51 16 2
3234-11	Screw - Cap Locking Fl.	1 26 5	3269-10	Washer - Backup	5 10 2
3234-11	Screw - Flange	5 39 2	3272-5	Pin - Cotter	11 7 3
3234-11	Screw w/Locking Flange	8 13 6	3272-6	Pin - Cotter	31 8 1
3234-12	Screw - Hex. Hd. Flange	1 8 4	3272-6	Pin - Cotter	11 21 6
3234-12	Screw - Lock Flange	37 33 2	3272-10	Cotter Pin	9 8 1
3234-14	Screw - Cap Hex. Hd.	8 6 5	3272-10	Pin - Cotter	27 1 1
3234-14	Screw - Cap Hex. Hd.	2 46 2	3272-10	Pin - Cotter	52 38 3
3234-14	Screw - Flange Hex. Hd.	25 6 1	3272-11	Cotter Pin	9 28 1
3234-14	Screw - Flange Hex. Hd.	5 16 11	3272-11	Pin - Cotter	52 2 2
3234-17	Screw - Cap Hex. Hd.	13 8 2	3272-11	Pin - Cotter	20 9 3

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.	Part No.	Description	Pg. No.	Ref. No.	Qty.
3272-16	Pin - Cotter	37	14	2	32121-73	Pin - Slotted Spring	31	9	1
3272-17	Pin - Cotter	23	31	2	32121-84	Pin - Roll	52	25	2
3272-22	Cotter Pin	9	17	2	32121-91	Pin - Coil Spring	29	49	3
3272-24	Cotter Pin	52	10	1	32128-20	Nut - Flange	51	21	4
3272-33	Pin - Cotter	52	17	1	32128-20	Nut - Flange	16	37	3
3274-8	Screw - Cap Hex. Hd.	20	39	6	32128-20	Nut - Flange	13	41	1
3274-8	Screw - Cap Soc. Hd.	24	7	6	32128-20	Nut - Lock Flange	2	39	1
3274-47	Screw - Flat Hd. Socket	11	33	1	32128-20	Screw - Flange Hex. Hd.	5	29	11
3274-69	Screw - Hex. Socket Hd.	6	57	6	32128-21	Nut - Flange	25	25	4
3290-134	Screw - Hex. Hd. Mach.	3	4	2	32128-21	Nut - Flange	5	36	4
3290-144	Screw - Machine	1	13	6	32128-21	Nut - Lock Flange	1	7	6
3290-224	Washer - Lock	36	59	1	32128-23	Nut - Lock Flange	25	10	4
3290-271	Rivet	5	11	4	32128-23	Nut - Lock Flange	37	16	1
3290-357	Nut - Lock Flange	37	7	8	32128-23	Nut - Lock Flange	35	24	2
3290-357	Nut - Lock Flange	8	14	6	32128-25	Nut - Flange Lock	12	53	2
3290-357	Nut - Lock Flange	1	24	5	32128-32	Nut - Flange	5	9	8
3290-357	Nut - Lock Flange	35	43	7	32128-33	Nut - Lock Flange	2	41	5
3290-378	Cable Tie	7	8 A/R		32128-37	Nut - Lock Flange	37	23	2
3290-378	Tie - Cable	1	22	2	32128-37	Nut - Lock Flange	35	44	2
3290-379	Cable Tie	35	16	1	32128-42	Nut	52	27	4
3290-379	Cable Tie	3	41	1	32136-2	Nut	52	3	2
3290-379	Tie - Cable	13	16	3	32136-3	Nut - Hex. Slotted	37	13	2
3290-379	Tie - Cable	5	31	4	32136-13	Nut - Slotted	20	10	3
3290-379	Tie - Cable	25	34	1	32144-10	Screw - Hex. Hd. Self Tap	8	33	2
3290-424	Screw - Hex. Hd. Mach.	3	28	1	32144-10	Screw - Hex. Self Tapping	31	4	2
3296-2	Nut - Lock	1	18	6	32144-10	Screw - Hex. Thd. Form	13	6	6
3296-6	Nut - Lock	9	34	1	32144-10	Screw - Self-Tapping	2	47	11
3296-12	Nut - Lock	3	26	3	32144-10	Screw - Thread Forming	25	17	2
3296-16	Nut - Lock	10	74	1	32144-21	Screw	13	45	1
3296-20	Nut - Lock	35	5	1	32144-53	Screw - Thread Forming	16	11	5
3296-20	Nut - Lock	25	28	2	32144-67	Screw - Cap Thd. Forming	16	36	4
3296-20	Nut - Lock	13	30	4	32146-20	Nut	25	14	1
3296-28	Nut - Lock	9	27	1	32149-2	Nut	7	9	2
3296-29	Nut - Lock	27	7	1	32149-2	Nut	7	22	2
3296-29	Nut - Lock	13	36	2	32149-2	Nut	11	37	1
3296-29	Nut - Lock	20	43	2	32149-2	Nut - Lock	3	33	3
3296-29	Nut - Lock	10	64	2	32151-46	Ring - Retaining	29	27	2
3296-39	Nut - Lock	20	19	2	32151-87	Ring - Retaining	20	29	1
3296-42	Nut - Lock	31	10	5	32151-104	Ring - Retaining	25	39	1
3296-42	Nut - Lock	27	12	6	32152-1	Nut - Lock	27	28	8
3296-43	Nut - Lock	20	3	1	32152-1	Nut - Lock Flange	35	12	1
32103-2	Nut - Wing	1	17	3	32153-2	Nut - Hex.	13	11	2
32103-2	Nut - Wing	5	51	2	32153-2	Nut - Lock	11	30	2
32104-6	Screw - Hex. Hd. Tapping	10	56	4	32153-2	Nut - Lock	36	57	1
32104-6	Screw - Self Tapping	16	1	2	340-54	Fitting	25	29	1
32104-96	Screw - Cap Hex. Hd.	16	6	1	340-70	Nut - Lock Bulkhead	5	34	2
32104-116	Screw - Self Tapping	5	20	8	340-71	Union - Bulkhead	5	33	2
32107-11	Nut	51	14	2	340-77	Elbow - Fitting	27	21	1
32111-8	Nut - Acorn	5	8	2	340-92	Adapter - Straight	27	19	3
32120-8	Ring - Retaining	29	1	1	340-97	Elbow - Fitting	25	19	1
32120-11	Ring - Retaining	29	47	1	340-97	Fitting - 90°	31	25	1
32120-15	Ring - Retaining	29	45	1	340-99	Elbow - Fitting	27	22	1
32120-22	Ring - Retaining	9	42	2	340-99	Fitting - 90° Elbow	31	12	1
32120-22	Ring - Retaining Internal	35	34	1	340-110	Elbow - 90°	31	24	1
32120-69	Ring - Retaining External	35	35	1	340-112	Elbow - 90°	31	18	1
32120-72	Ring - Retaining	28	53	1	340-143	Elbow - Swivel	27	15	1
32121-6	Pin - Roll	28	62	1	353-508	Plug - Drain	27	49	1
32121-9	Pin - Roll	9	49	1	353-512	Plug	31	1	1
32121-15	Pin - Roll	18	32	1	353-550	Plug - Hex. Hd.	29	19	2
32121-16	Pin - Roll	11	24	1	353-551	Plug - Hex. Hd.	29	32	1
32121-24	Pin - Roll	27	2	1	353-702	Hose Barb	7	18	1
32121-34	Pin - Roll	20	35	1	353-975	Hose Barb	7	6	1
32121-34	Pin - Roll	9	45	2	353-987	Elbow - Fitting	27	45	1

*Not Illustrated

PRODUCT CHANGES

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

IDENTIFICATION AND ORDERING

MODEL AND SERIAL NUMBERS

The Groundsmaster 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 322D 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 322D 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.

TABLE OF CONTENTS

Description	Page	Description	Page
Main Frame	1-2	Drive Shaft Assembly No. 71-4551	24
Instrument Panel Assembly	3	Axle Support & Steering Cross Member	25
Electrical Schematic	4	Steering Cylinder Part No. 92-7829	26
Radiator & Hood Assembly	5-6	Hydrostatic Transmission	27-28
Fuel Filter Assembly	7	Transmission Assembly No. 92-8947	29-30
Interlock Assembly	8	Valve and Cylinder Assembly	31
Power Take Off Assembly	9-10	Hydraulic Lift Cylinder Assy. No. 62-4250	32
Brake Pedal Assembly	11-12	Hydraulic Lift Cylinder Assy. No. 66-1250	33
Power Steering Assembly	13	Control Valve Assembly No. 43-1710	34
Power Steering Valve Assembly		Engine Assembly	35-45
No. 92-7308	14	Fuel Injection Pump Assy. No. 42-8000	46-47
Hydraulic Schematic	15	Nozzle and Holder Assy. No. 44-8070	48
Front Axle and Fuel Tank Assembly	16	Alternator Assembly No. 43-0390	49
Front Axle Assembly No. 86-9630	17-18	Starter Assembly No. 46-7610	50
Brake Assembly	19	Air Cleaner Assembly	51
Steerable Axle Assembly	20	Push Arm Assembly	52
Rear Axle Assembly No. 68-6822	21-23	TORO Part Number Index	53-62

MAINTENANCE RECORD

Date								

Compliance with Radio Interference Regulations Certified.
 Certifie Conforme au Reglement sur le Brouillage Radioelectrique.

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