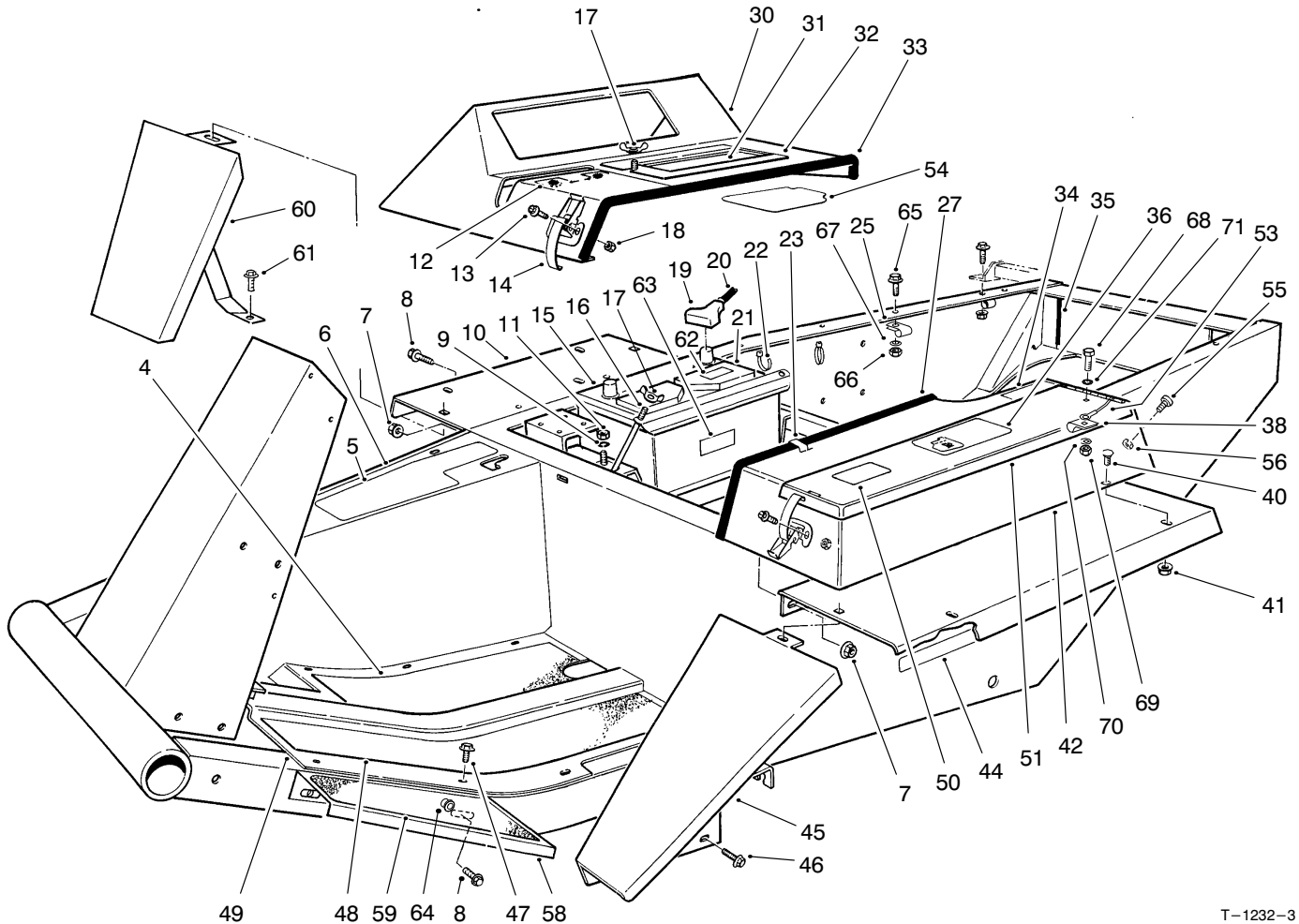




MODEL NO. 30741-80001 & UP

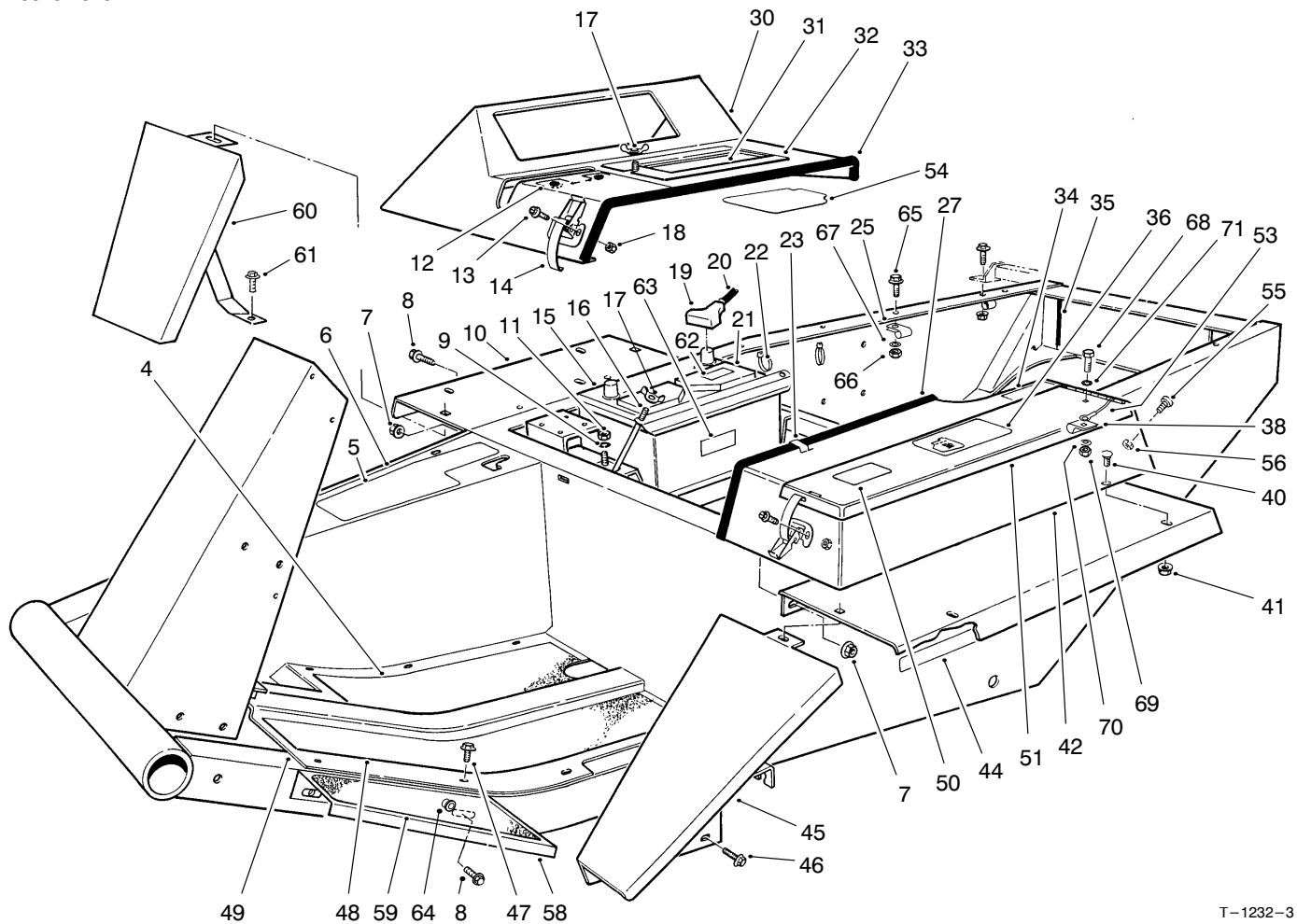
**PARTS
CATALOG**
**GROUNDMASTER® 325D Intl. 4WD
TRACTION UNIT**


T-1232-3

MAIN FRAME ASSEMBLY

Ref. No.	Part No.	Description	No. Used
4	21-2770	Pad - Foot Rest R.H.	1
5	93-7832	Decal - Caution	1
6	21-2660	Footrest	1
7	32128-19	Nut - Lock Flange	6
8	3234-12	Screw - Hex. Hd. Flange	5
9	3253-4	Washer - Lock	2
10	72-3690	Fender	2
11	3217-6	Nut	2
12	93-7806	Decal - Power Take Off	1
13	3290-144	Screw - Machine	6
14	249-21	Clamp - Hook	3
15	63-9230	Battery - Type MF214-78, Dry	1
16	24-6390	Stud - Battery Hold Down	2
17	32103-2	Nut - Wing	3
18	3296-2	Nut - Lock	6
19	28-1280	Boot - Cable	1

Ref. No.	Part No.	Description	No. Used
20	70-1180	Cable - Battery Positive (Incl. Ref.#19)	1
21	24-6420	Hold Down - Battery	1
22	3290-378	Tie - Cable	2
23	2412-61	Clip - Tinnermann	2
24	3290-357	Nut - Lock Flange	4
25	2412-4	Clamp	3
26	3234-11	Screw - Cap Locking Fl.	4
27	37-9650	Trim	1
30	38-4550	Cover - Instruments	1
31	95-2746	Decal - Instructions Start.	1
32	24-9740	Cover - Access Battery	1
33	39-8020	Trim - Cover Instruments	1
34	93-6680	Decal - Fuel Diesel	1
35	43-4300	Trim - Frame Rear	2
36	93-7822	Decal - Refueling	1
37	322-5	Screw - Cap Hex. Hd.	1

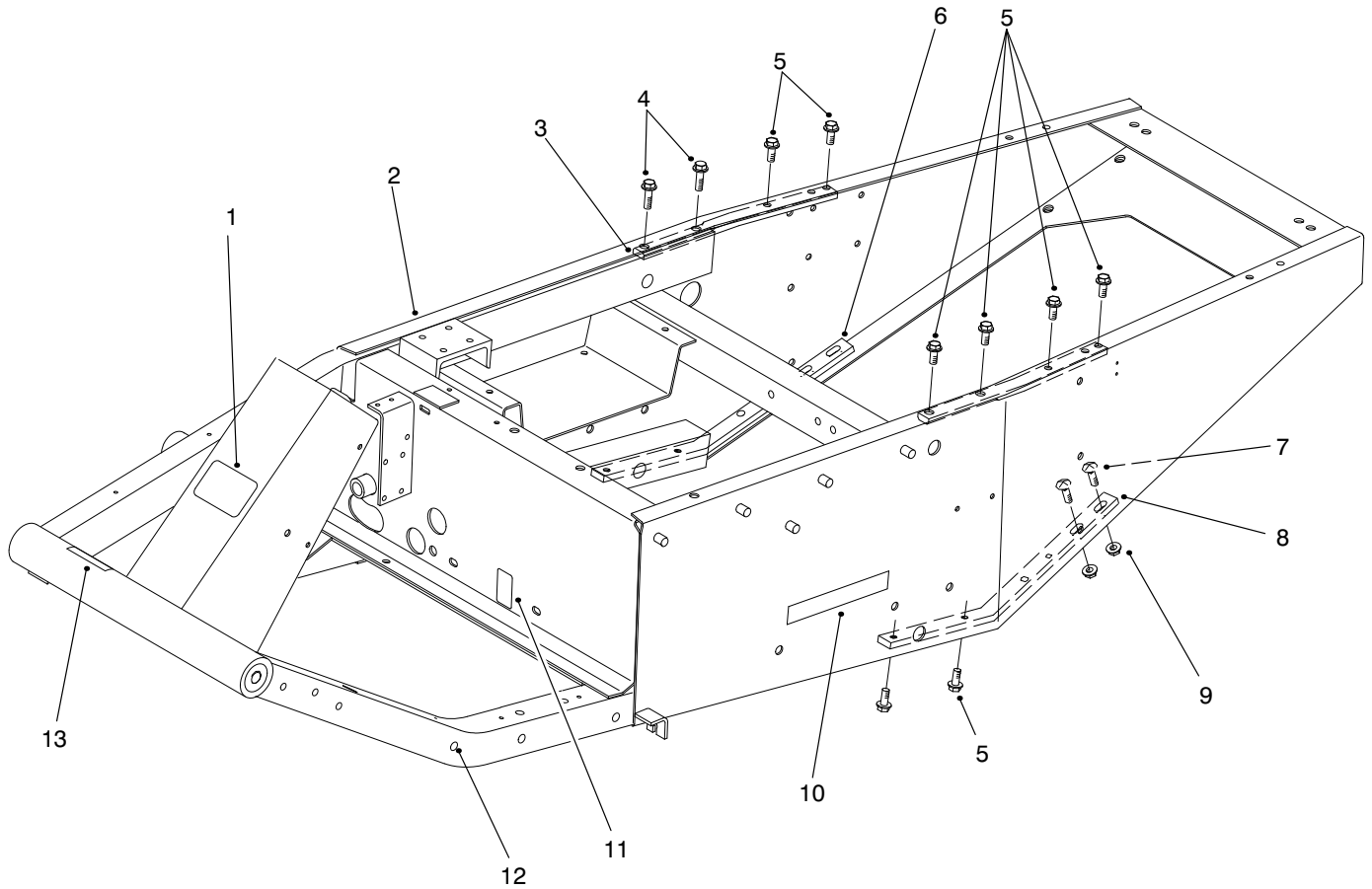


T-1232-3

MAIN FRAME ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
38	98-3883	Clamp	1	54	92-7801	Shield - Cover, Battery	1
39	32128-20	Nut - Lock Flange	1	55	3290-144	Screw - HH	3
40	3229-1	Bolt - Carriage	6	56	3296-2	Nut - Lock	3
41	32128-33	Nut - Lock Flange	6	58	93-7410	Panel - Footrest	1
42	93-3183	Tool Box (Incl. Ref. #28)	1	59	66-3200	Tread - Foot, LH	1
44	93-7830	Decal - Torque	2	60	93-7626	Fender - RH	1
45	68-8610	Fender - Extension	1	61	3234-33	Screw - Hex. Flange	1
46	3234-14	Screw - Cap Hex. Hd.	2	62	93-7276	Decal - Danger	1
47	32144-10	Screw - Self-Tapping	11	63	93-6668	Decal - Charging	1
48	21-2760	Pad - Foot Rest L.H.	1	†64	32148-9	Nut - Clinch	1
49	88-0070	Plate - Floor	1	65	322-8	Screw - HH	2
50	93-7839	Decal - Caution	2	66	3296-29	Nut - Hex. Lock	2
51	93-3185	Assembly - Cover (Incl. Ref. #36 & 50)	1	67	3256-23	Washer - Flat	2
52	3254-2	Washer - I.T.L.W.	1	68	323-7	Screw - HH	1
53	18-2770	Cable - Ground	1	69	3296-39	Nut - Lock	1
				70	3256-24	Washer - Flat	1
				71	3254-6	Washer - Lock	1

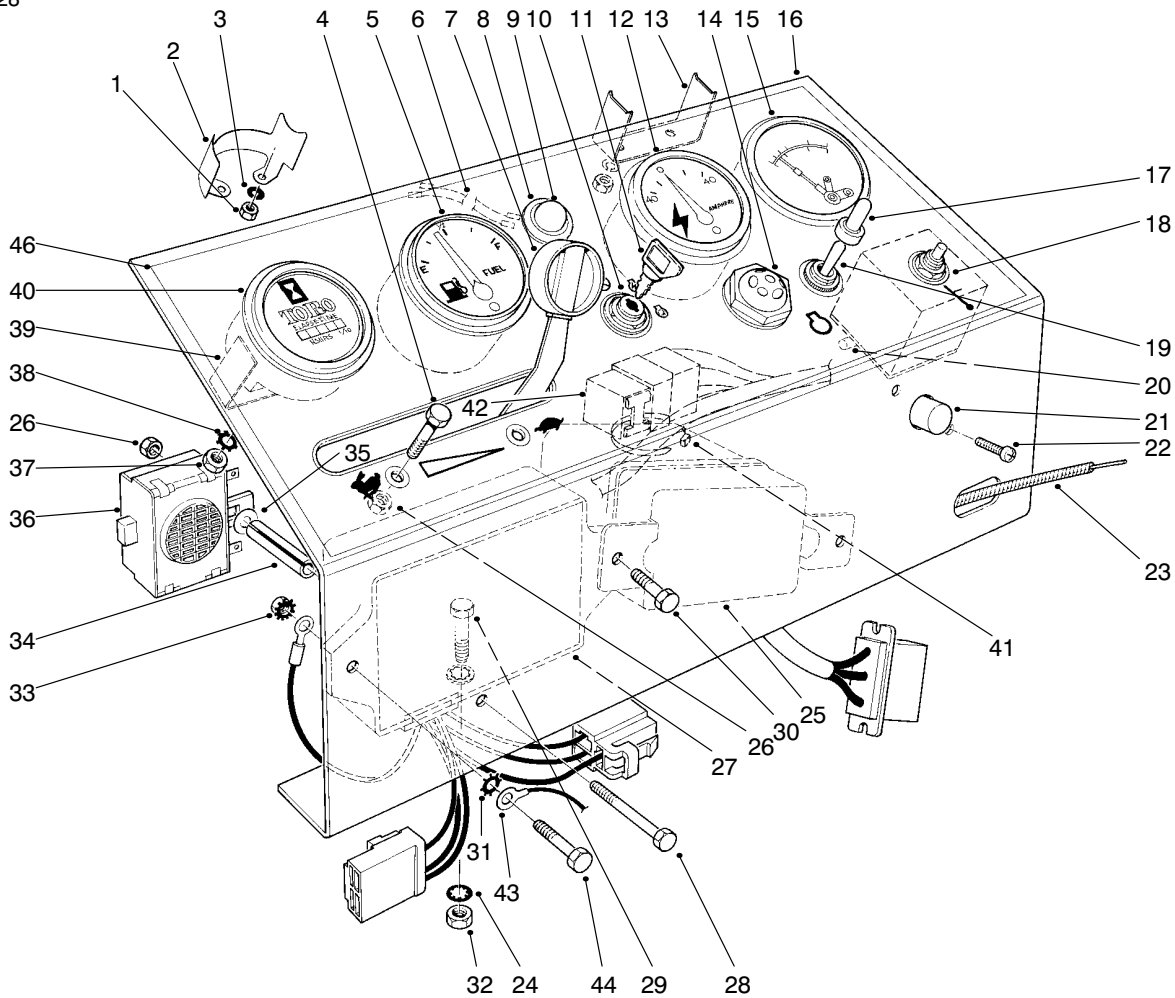
† Special tool required



T-2802-3

MAIN FRAME ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	70-2200	Decal - Toro	1	7	3231-25	Screw - Carriage	4
2	98-3879	Asm - Frame (Incl. Ref. #1 & 3-13)	1	8	98-3864	Brace - Lower Left	1
3	98-3866	Brace - Upper	2	9	32128-21	Nut - Lock HFH	4
4	3234-24	Screw - HHF	2	10	67-1720	Decal - Torque	2
5	3234-25	Screw - HHF	10	11	53-4430	Decal - Oil Fill	1
6	98-3865	Brace - Lower Right	1	12	32148-9	Insert - Threaded	1
				13	27-7320	Decal - Traction Pedal	1

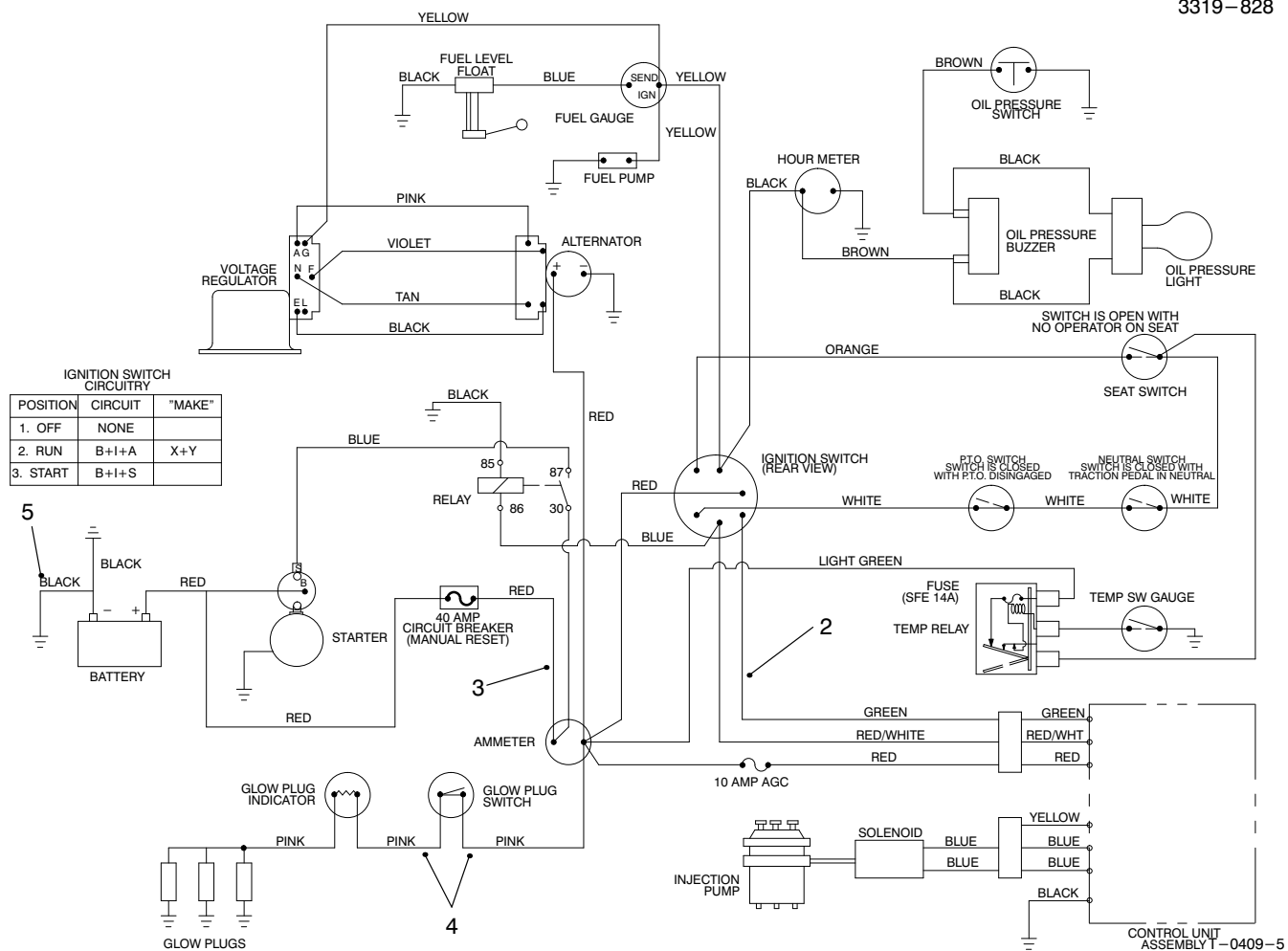


T-0408-3

INSTRUMENT PANEL ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	3219-14	Nut	6	21	43-4000	Circuit Breaker	1
2	38-1670	Clamp Mounting	2	22	3250-17	Screw - Pan Hd.	2
3	3253-17	Washer - Lock	6	23	43-3990	Throttle Control (Incl. Ref. #7)	1
4	3290-134	Screw - Hex. Hd. Mach.	2	24	3254-2	Washer - Lock Int. Tooth	6
5	38-1650	Fuel Gauge (Incl. Ref. #1-3)	1	25	43-0410	Regulator Assembly	1
6	44-2220	Wire Lead	1	26	3296-12	Nut - Lock	3
7	233-35	Knob	2	27	43-1880	Control Unit Assembly	1
8	44-2210	Warning Light (Incl. Ref. #9)	1	28	3290-424	Screw - Hex. Hd. Mach.	1
9	218-533	Lens	1	29	322-5	Screw - Cap Hex. Hd.	2
10	27-2360	Key Switch (Incl. Ref. #11)	1	30	321-4	Screw - Cap Hex. Hd.	2
11	63-8360	Key	1	31	3255-7	Washer - Lock Ext. Tooth	3
12	38-1660	Ammeter (Incl. Ref. #1-3)	1	32	3217-6	Nut - Hex	2
13	218-539	Clamp	1	33	32149-2	Nut - Lock	3
14	42-9190	Glow Lamp	1	34	43-3820	Spacer	1
15	26-6750	Engine Temperature Gauge (Incl. Ref. #1, 3, & 13)	1	35	3256-14	Washer - Flat	1
16	43-3970	Panel - Instrument	1	36	22-7820	Buzzer Assembly	1
17	218-473	Toggle Switch Boot	1	37	3217-26	Nut	1
18	26-6740	Temperature Reset Relay	1	38	3255-5	Washer - Lock	1
19	6-1659	Toggle Switch (Incl. Ref. #17)	1	39	218-515	Mounting Bracket	1
†20		Fuse - Temp. Relay 14 Amp. SFE	1	40	12-9990	Hour Meter (Incl. Ref. #37-39)	1
				41	3290-379	Cable Tie	1
				42	63-7590	Relay	1
				43	70-1190	Cable - Ground	1
				44	321-6	Screw - Cap Hex. Hd.	1
				46	93-7813	Decal - Panel, Instrument	1

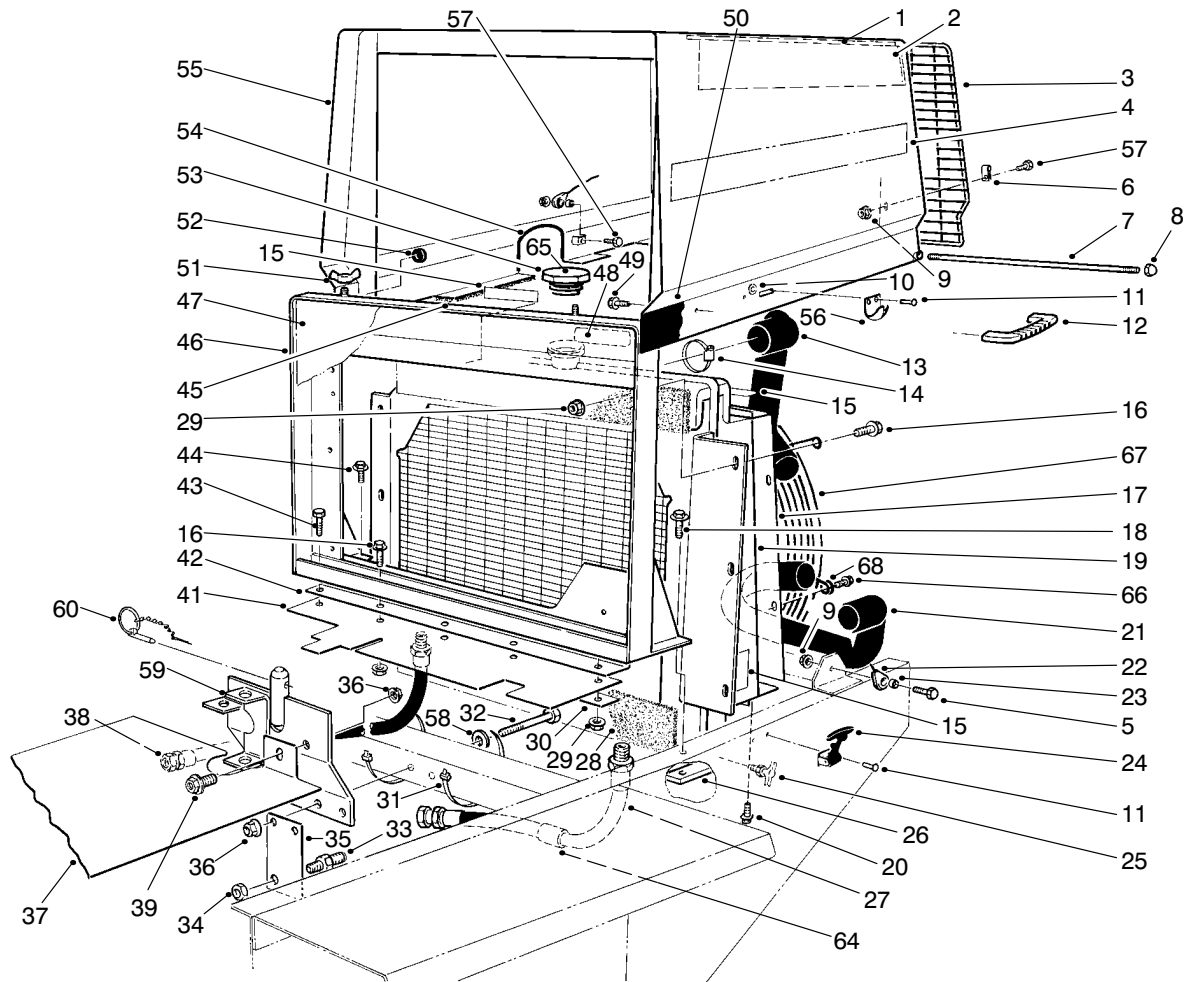
† Obtain locally



ELECTRICAL SCHEMATIC

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

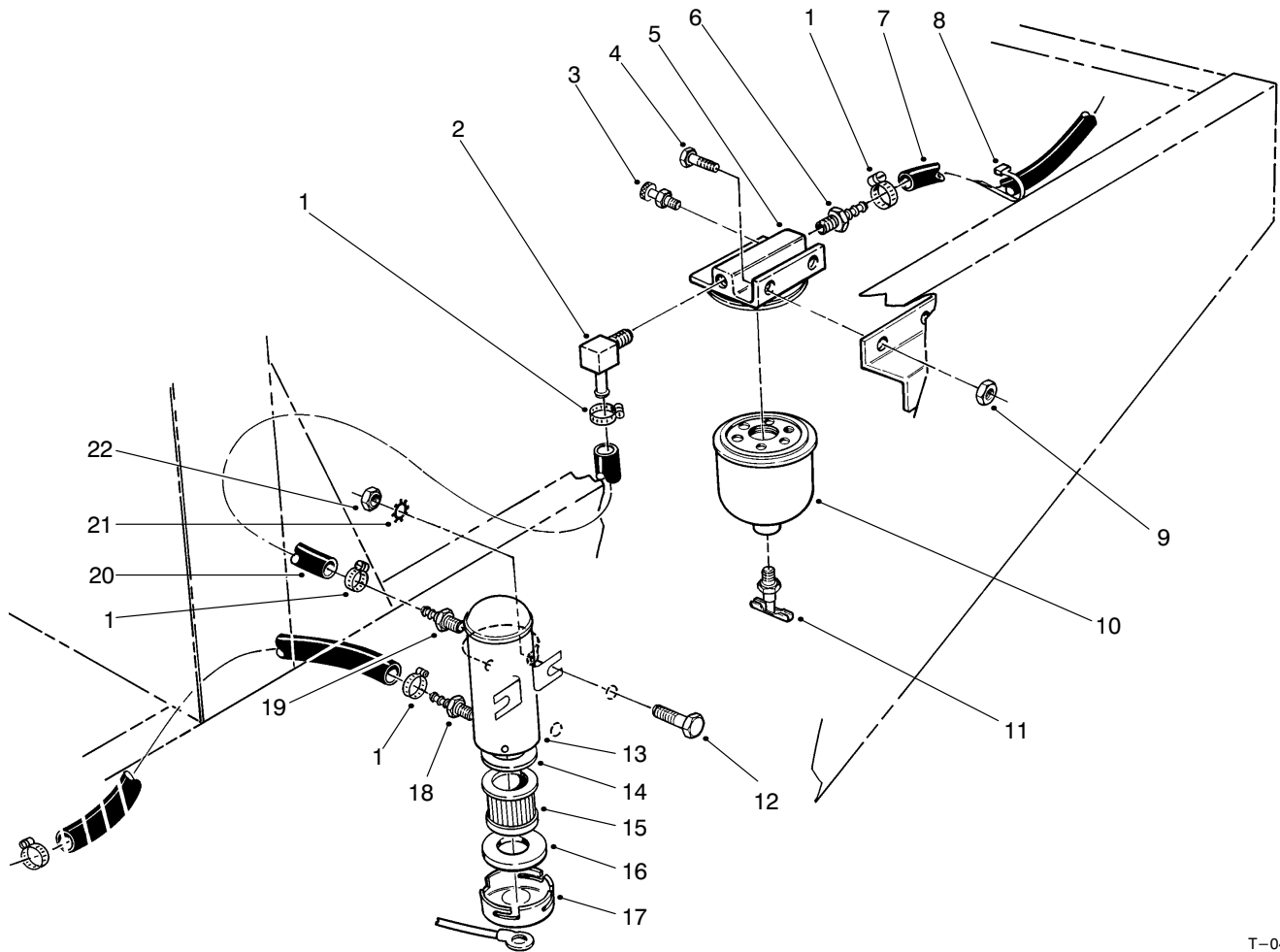
Ref. No.	Part No.	Description	No. Used
4	43-4010	Wire Assembly	2
5	70-1190	Ground Cable	1



T-1185-3

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	93-3188	Decal - Groundsmaster	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	3290-55	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	41	67-8570	Strip - Sealing	1
15	93-7272	Decal - Warning	3	42	43-3340	Plate - Sealing, Grille	1
16	3234-14	Screw - Flange Hex. Hd.	11	43	322-6	Screw - Cap Hex. Hd.	1
17	43-3330	Shroud - Radiator	1	44	11-0590	Screw - Self Tapping	2
18	3234-25	Screw - Flange, Hex. Hd.	2	45	82-8950	Foam - Flange Hood	2
19	33-2570	Radiator Assembly	1	46	67-8870	Support - Radiator	1
20	32104-116	Screw - Self Tapping	4	47	67-9030	Grille	1
21	43-7020	Hose - Lower Radiator	1	48	93-7821	Decal - Coolant Radiator	1
22	77-3170	Stop - Cable Hood	2	49	46-8091	Screw - Flange	2
23	77-5250	Spacer - Cable Hood	4	50	77-5140	Decal - Hood 4wd L.H.	1
24	249-39	Latch - Draw Flexible	1	*	77-5150	Decal - Hood 4wd R.H.	1
25	304-46	Drain Cock	1	51	32103-2	Nut - Wing	2
26	38-4600	Bar - Frame LH	1	52	237-141	Bumper - Radiator	2

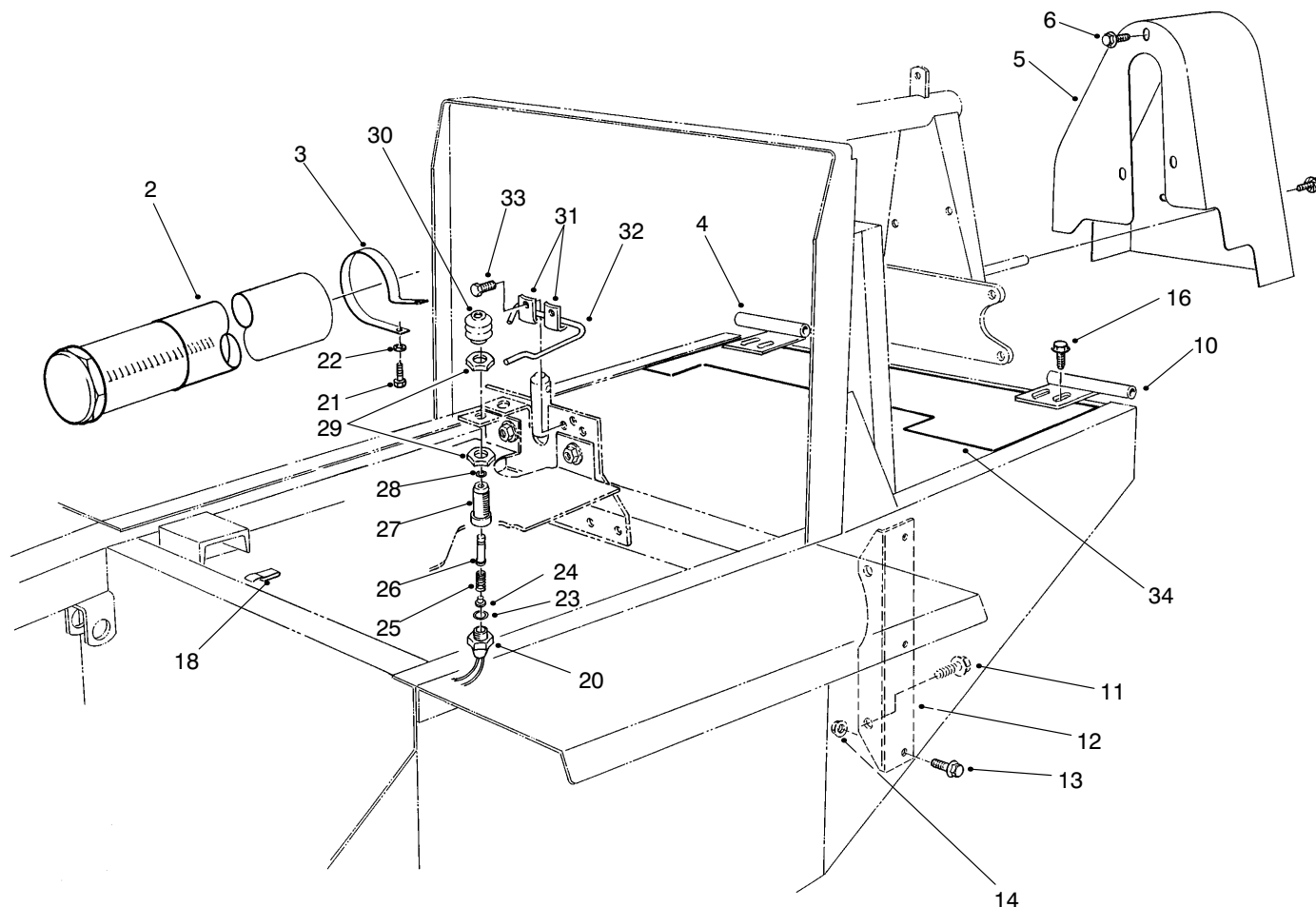


T-0411

FUEL FILTER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	2412-108	Hose Clamp	5
2	304-96	90° Hose Barb	1
3	63-8290	Vent	1
4	321-4	Screw - Cap Hex. Hd.	2
5	63-8280	Head Assembly	1
6	353-975	Hose Barb	1
7	63-9720	Hose	1
8	3290-378	Cable Tie	A/R
9	32149-2	Nut	2
10	63-8300	Element - Fuel Filter (Incl. Ref. #11)	1
11	63-8310	Drain Valve	1
12	321-6	Screw - Cap Hex. Hd.	2

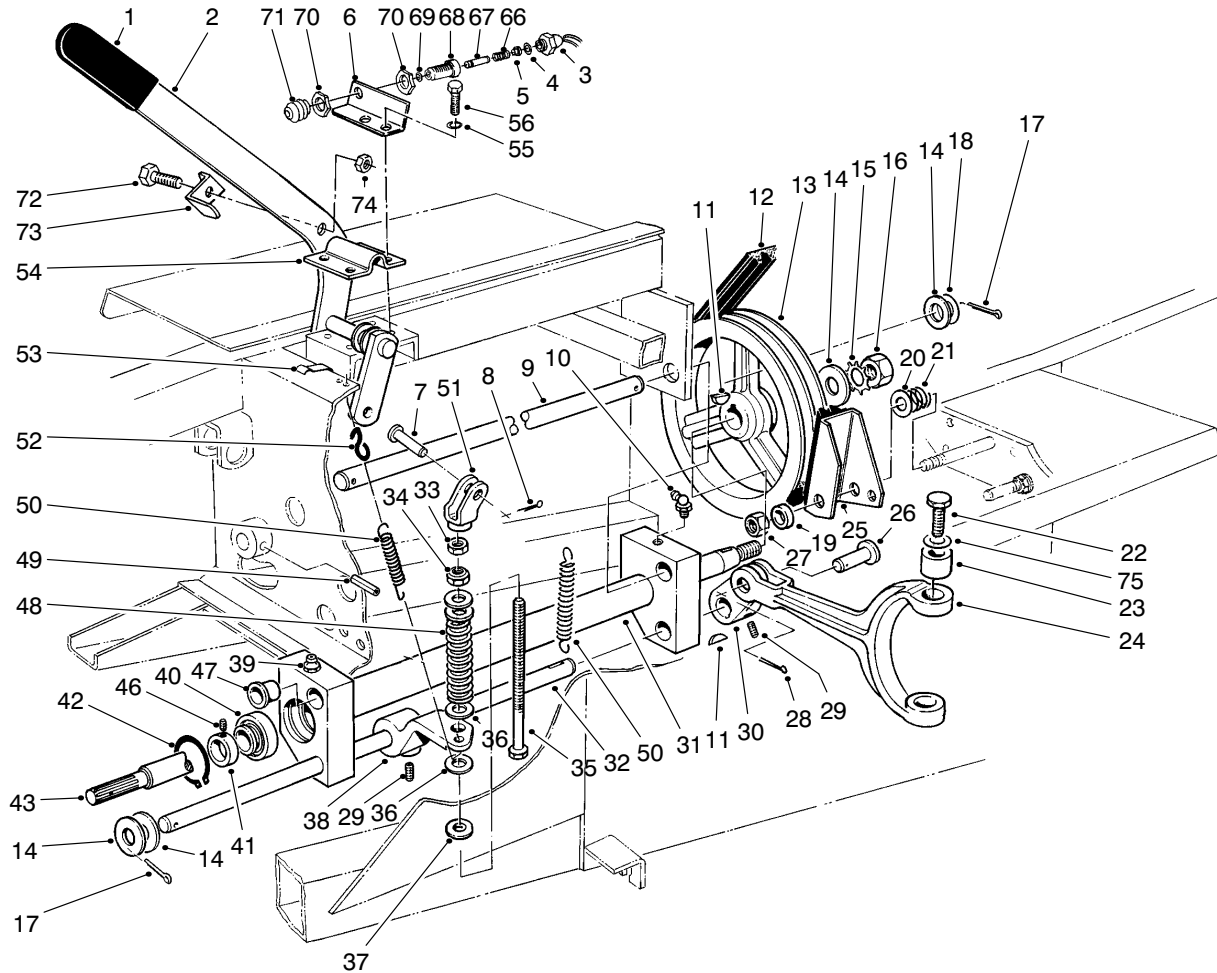
Ref. No.	Part No.	Description	No. Used
13	53-8150	Pump Assy. Fuel, Electric (Incl. Ref. #14-17)	1
14	43-2570	Gasket	1
15	43-2550	Filter	1
16	43-2560	Gasket	1
17	43-2580	Magnet	1
18	353-702	Hose Barb	1
19	304-73	Hose Barb	1
20	63-9650	Hose	1
21	3255-7	Washer - Lock Ext. Tooth	2
22	32149-2	Nut	2
*	95-3092	Kit - 400 Hour Filter (Incl. Ref. #10 & 15)	1



T-1186B

INTERLOCK ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
2	74-0720	Tube - Manual	1	23	237-30	Seal - O-Ring	1
3	2412-133	R-Clamp	2	24	43-8610	Guide - Spring & Ball Seat	1
4	67-8820	Hinge R.H.	1	25	43-8600	Spring - Compression	1
5	43-3900	Guard - Fan Belt	1	26	43-8860	Plunger - Switch	1
6	3234-14	Screw - Cap Hex. Hd.	5	27	43-8620	Guide - Switch Pin	1
9	3256-23	Washer - Flat	1	28	237-7	Seal - O-Ring	1
10	67-8810	Hinge L.H.	1	29	218-461	Nut - Jam	2
11	3234-32	Screw - w/Locking Flange	2	30	43-8870	Boot - Switch	1
12	67-8190	Bracket - Engine Support	2	31	3-6657	Clip	2
13	3234-11	Screw w/Locking Flange	6	32	86-7040	Rod - Seat Prop	1
14	3290-357	Nut - Lock Flange	6	33	32144-10	Screw - Hex. Hd. Self Tap	2
16	3234-17	Screw - Cap Hex. Hd.	4	34	93-8472	Guard - Flywheel	1
18	212-93	Wire Clip	2	*	43-9071	Assembly - Switch (Incl. Ref. #20, 23-30, & 1 of #29 Required)	1
20	72-4320	Switch - Ball	1				
21	322-2	Screw - Cap Hex. Hd.	2				
22	3256-23	Washer - Flat	2				

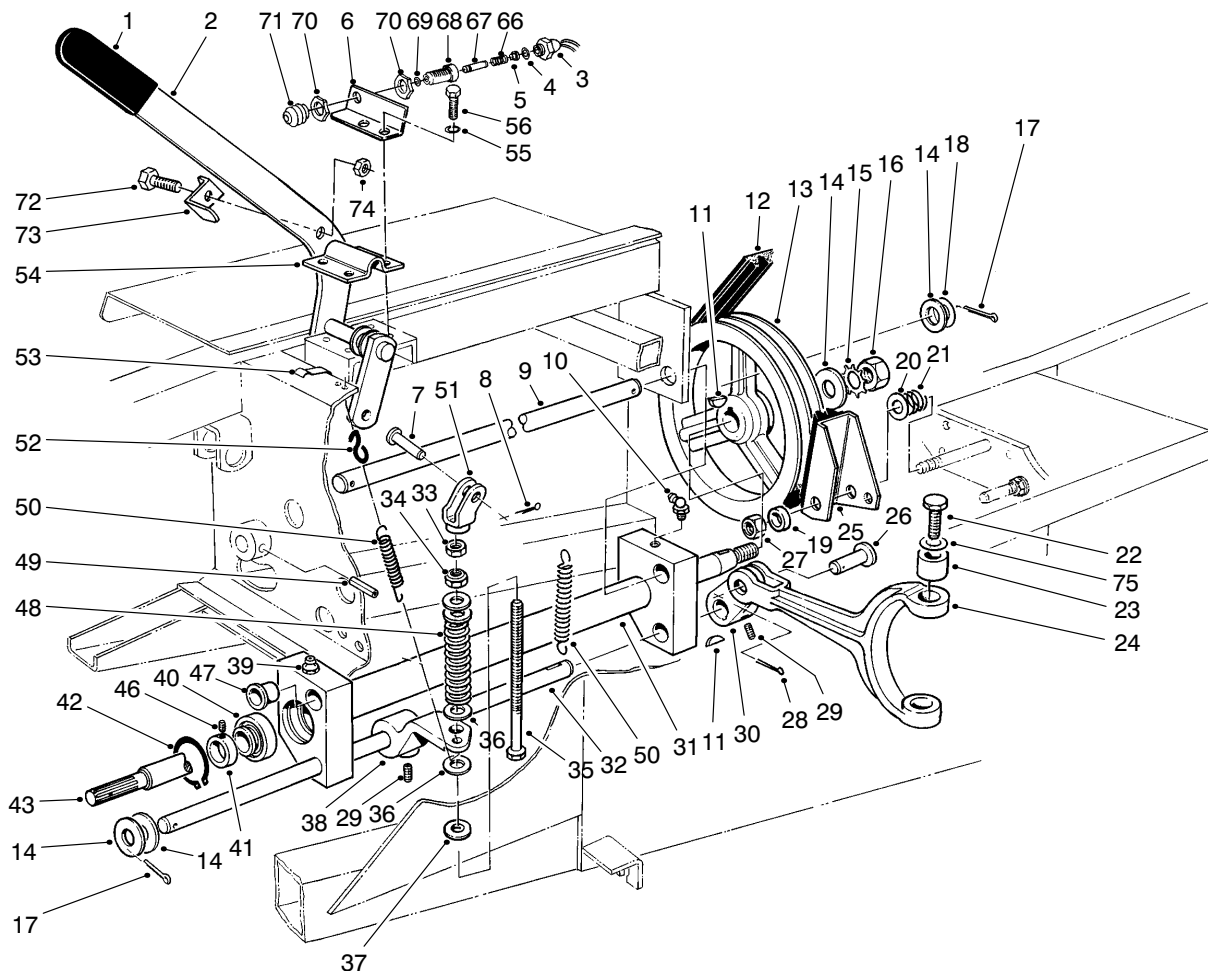


T-0413C

POWER TAKE OFF ASSEMBLY

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

Ref. No.	Part No.	Description	No. Used
27	3296-28	Nut - Lock	1
28	3272-11	Cotter Pin	1
29	3246-3	Set Screw	4
30	92-4058	Arm - P.T.O.	1
31	43-5500	Pivot P.T.O.	1
32	43-5550	Shaft - Actuator P.T.O.	1
33	3219-3	Nut	1
34	3296-6	Nut - Lock	1
35	27-7900	Screw - Adjusting	1
36	3256-41	Washer - Flat	4
37	5-0652	Spacer	1
38	43-5570	Arm, Actuator - P.T.O.	1
39	302-2	Grease Fitting	1
40	251-252	Ball Bearing (Incl. Ref. #41)	2
41	251-234	Lock Collar (Incl. Ref. #46)	2
42	32120-22	Ring - Retaining	2
43	43-5540	Shaft P.T.O.	1
46	3245-1	Set Screw	2
47	256-113	Bushing - Flange	4
48	21-0400	Spring - Compression	1
49	32121-9	Pin - Roll	1
50	21-1830	Spring - Tension	2
51	43-5630	Yoke - P.T.O.	1
52	5-0701	Spring Anchor	1

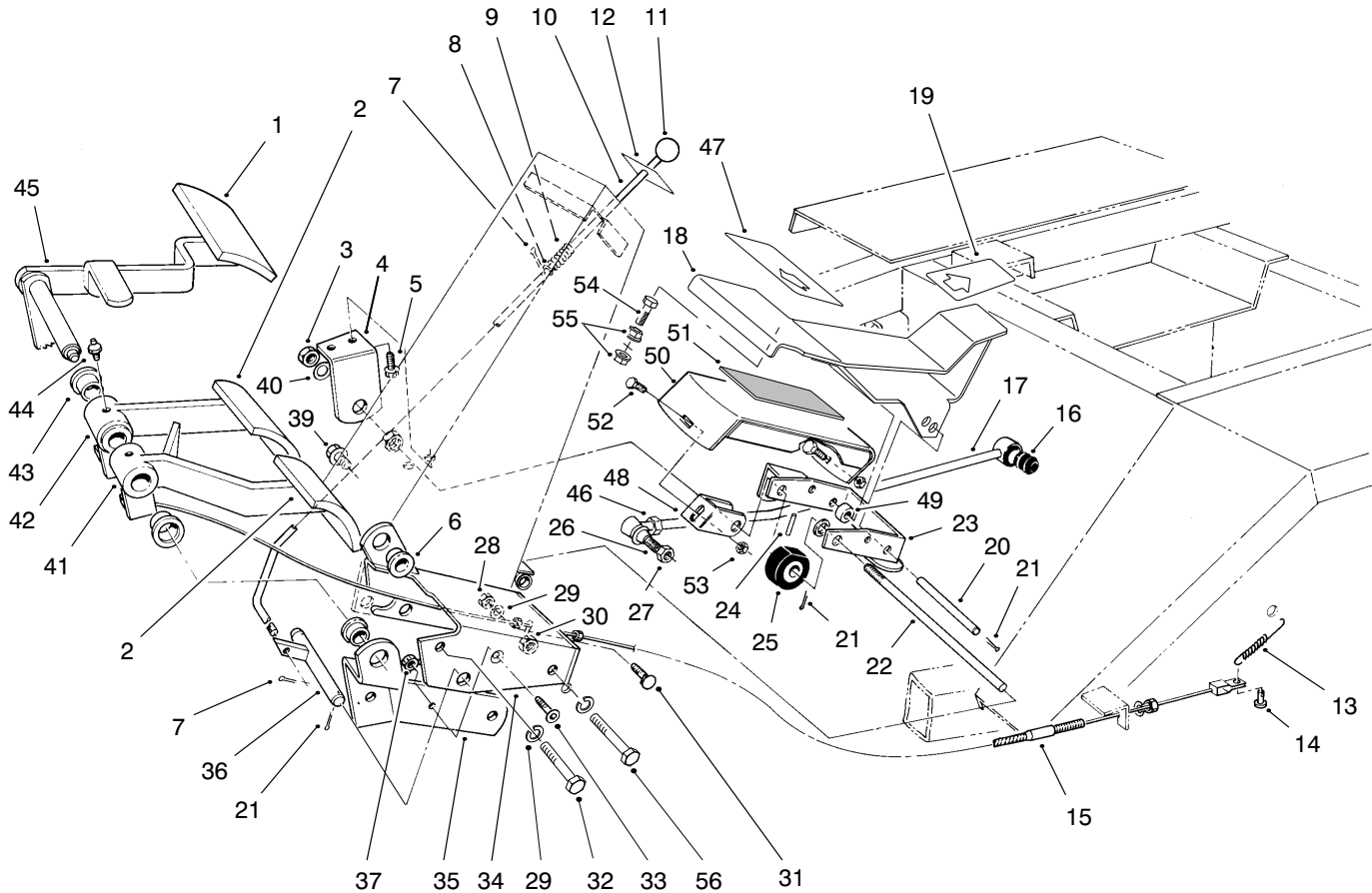


T-0413C

POWER TAKE OFF ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
53	212-93	Wire Clip	1	71	43-8870	Boot - Switch	1
54	21-1600	Clamp P.T.O. Lever	1	72	321-4	Screw - Cap Hex. Hd.	1
55	3253-21	Washer - Lock	4	73	86-7050	Bracket - Switch Actuator	1
56	32104-6	Screw - Hex. Hd. Tapping	4	74	3296-16	Nut - Lock	1
66	43-8600	Spring - Compression	1	75	75-9890	Washer - Shim	A/R
67	43-8860	Plunger - Switch	1	*	43-9071	Asm. - Switch	1
68	43-8620	Guide - Switch Pin	1			(Incl. Ref. #3-5. 66-71: Qty. 1 of #70 Req'd.)	
69	237-7	Seal - O-Ring	1				
70	218-461	Nut - Jam	2				

* Not Illustrated



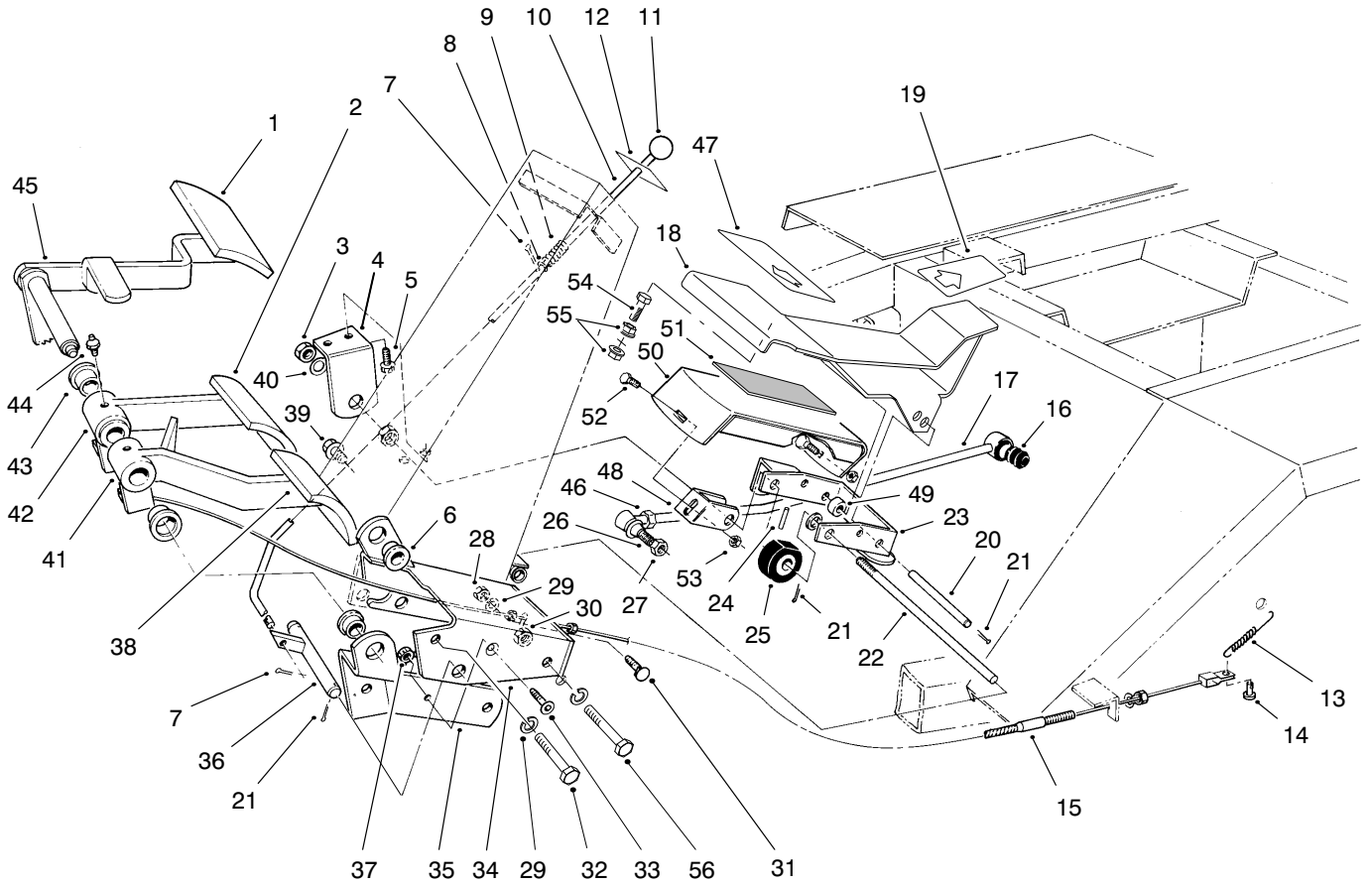
T-0415-5

BRAKE PEDAL ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	93-8742	Pad - Brake	1
2	93-8743	Pad - Turn	2
3	3218-5	Nut - Jam	2
4	21-2850	Mount - R.H. Pedal	1
5	11-0590	Screw - Hex. Hd. Tapping	2
6	256-156	Bushing	5
7	3272-5	Pin - Cotter	3
8	3256-22	Washer - Flat	1
9	95-1821	Spring - Compression	1
10	82-8670	Rod - Brake Latch	1
11	233-17	Knob	1
12	93-7831	Decal - Parking Brake	1
13	3-7243	Spring - Extension	2
14	283-58	Pin - Clevis	2
15	21-3380	Cable - L.H. Brake	1
*	21-3370	Cable - R.H. Brake	1
16	23-2270	Bushing - Rubber	1
17	23-2240	Rod - Pump Control	1
18	94-3304	Pedal - Traction	1
19	94-3308	Pad - Pedal Rear	1
20	88-1640	Pin - Traction Pedal	1
21	3272-6	Pin - Cotter	6
22	88-1650	Shaft - Traction Pedal	1
23	88-1670	Bracket - Pivot	1
		(Incl. Ref. #6)	1
24	32121-6	Pin - Roll	1

Ref. No.	Part No.	Description	No. Used
25	28-5220	Wheel - Friction	1
26	21-0141	Socket Assembly R.H.	1
27	3220-3	Nut - Jam	1
28	3217-7	Nut - Hex	2
29	3253-21	Washer - Lock	4
30	32153-2	Nut - Lock	2
31	3231-21	Bolt - Carriage	2
32	323-13	Screw - Cap Hex. Hd.	1
33	3274-47	Screw - Flat Hd. Socket	1
34	27-7590	Mount - Brake	1
35	27-9270	Mount - Brake Pivot Shaft	1
36	27-7640	Shaft - Brake Latch	1
37	32149-2	Nut	1
39	3234-11	Screw - Cap Hex. Hd.	3
40	3256-26	Washer - Flat	1
41	27-7490	Pedal - L.H. Brake (Incl. Ref. #43)	1
42	27-7510	Pedal - R.H. Brake (Incl. Ref. #43)	1
43	256-10	Bushing	4
44	302-5	Fitting - Grease	2
45	27-8550	Pedal - Parking Brake	1
46	3220-5	Nut - Jam	1
47	94-3307	Pad - Front Pedal	1
48	88-1680	Bracket - Footrest	1

* Not Illustrated



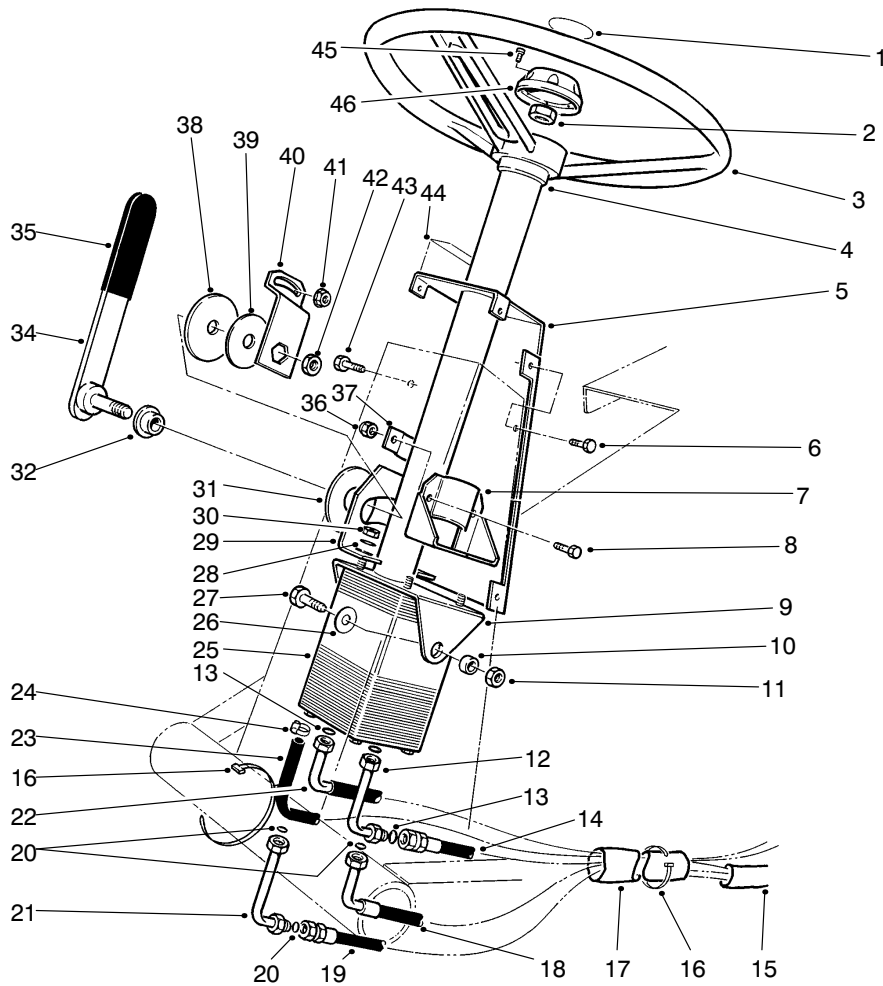
T-0415-4

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
52	3230-1	Bolt - Carriage	2

Ref. No.	Part No.	Description	No. Used
53	32128-25	Nut - Flange Lock	2
54	323-42	Screw - Cap, Hex. Hd.	1
55	32128-43	Nut - Hex. Flange	2
56	323-14	Screw - Cap, Hex. Hd.	1

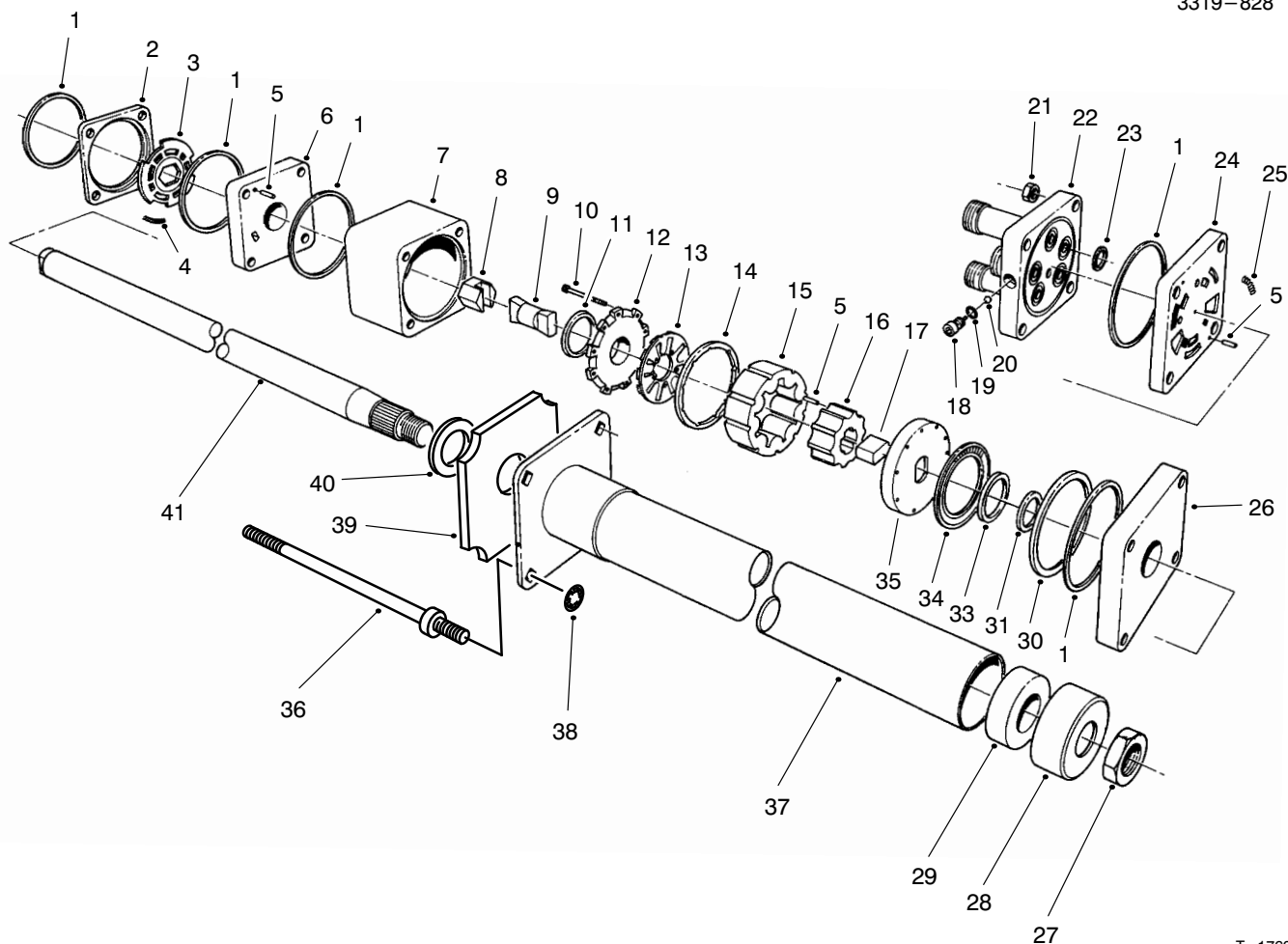
* Not Illustrated



T-1187B

POWER STEERING ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	68-5370	Decal - Toro	1	23	63-8990	Hose	1
2	66-9760	Nut - Hex.	1	24	2412-36	Clamp	2
3	75-0560	Steering Wheel Assembly (Incl. Ref. #45 & 46)	1	25	92-7308	Valve - Steering Power	1
4	21-9260	Cover - Dust	1	26	3256-46	Washer - Flat	2
5	82-8660	Cover - Tower	1	27	323-6	Screw - Cap Hex. Hd.	2
6	32144-10	Screw - Hex. Thd. Form	6	28	3256-3	Washer - Flat	4
7	67-8690	Support - Column	1	29	80-2940	Plate - Pivot	1
8	3234-17	Screw - Cap Hex. Hd.	2	30	3296-20	Nut - Lock	4
9	77-3120	Bracket - Mount Column	1	31	31-0390	Disc - Friction	1
10	80-2960	Spacer - Tower	2	32	80-2980	Boss - Pin	1
11	32153-2	Nut - Hex.	2	34	93-1353	Handle - Steering Tilt	1
12	82-8760	Elbow	1	35	21-1880	Grip - 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
				46	68-5140	Cap - Wheel Steering	1



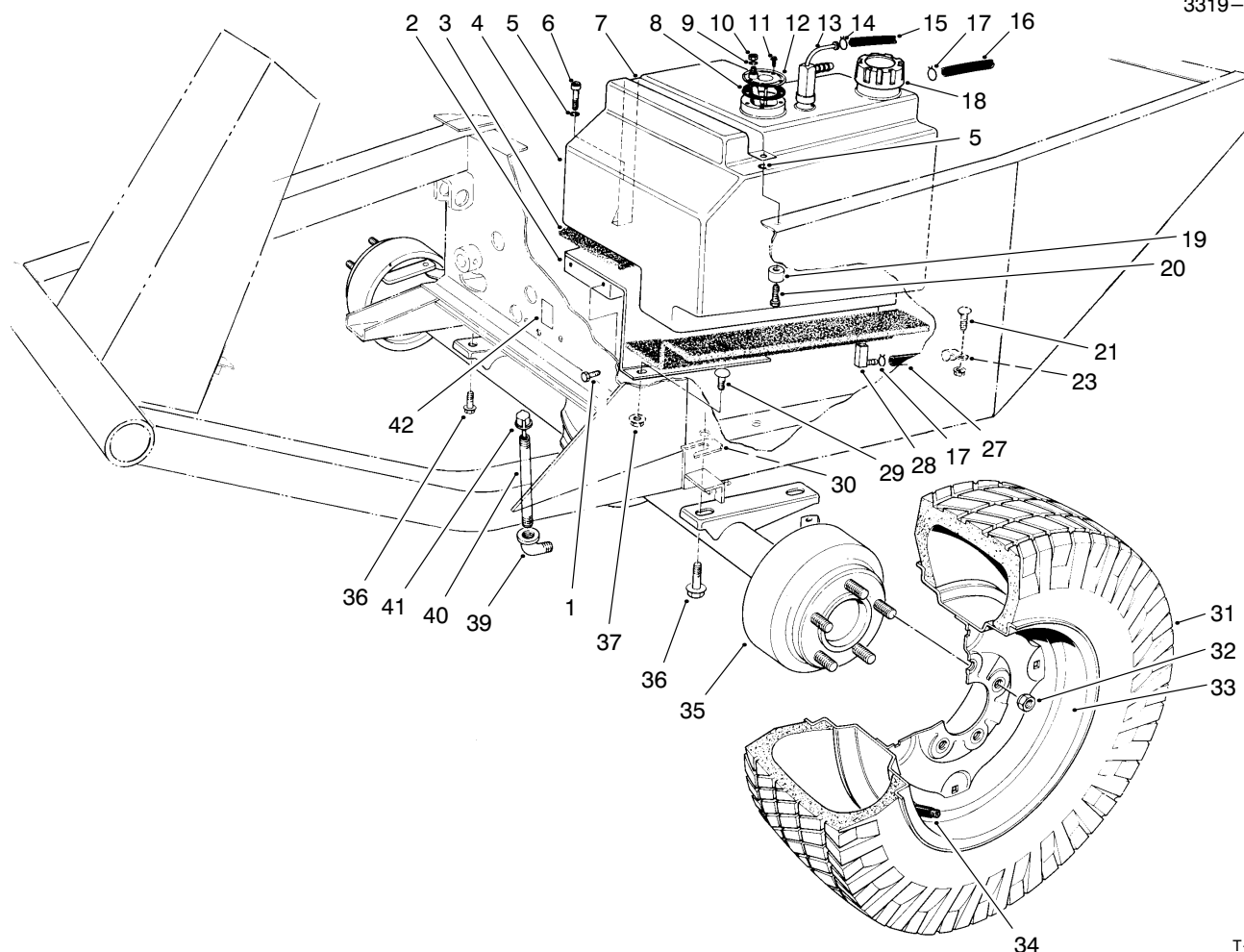
T-1760

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

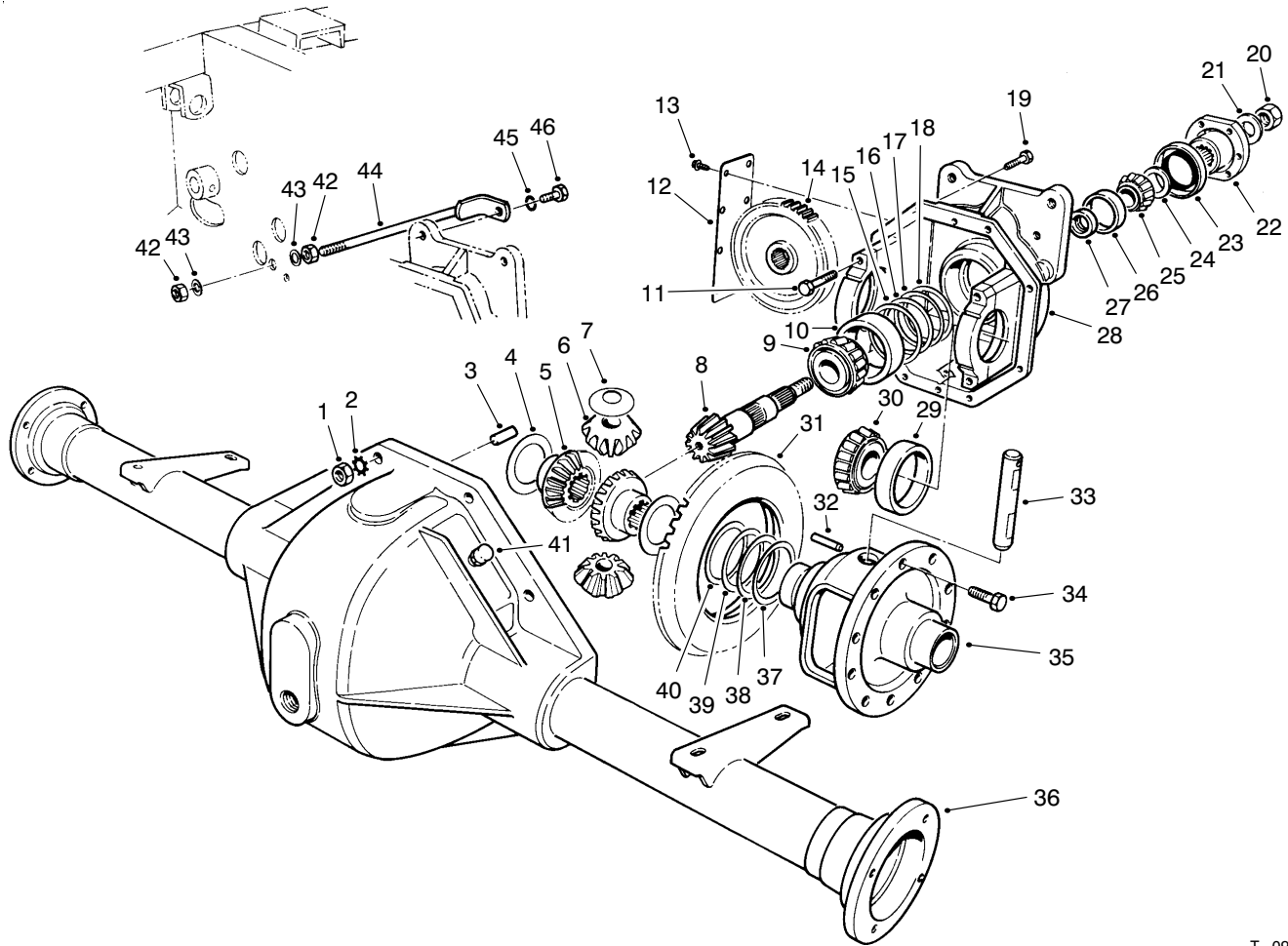


T-0926A

FRONT AXLE & FUEL TANK ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	3234-11	Screw - Flange Head	2	31	231-138	Tire - 6 Ply	2
2	68-9760	Fuel Tank Base	1	*	231-95	Tire - 23x10.5x12 (4 Ply) (Optional)	2
3	21-3600	Foam - Tank Support	1	*	69-9880	Tire - 23x10.5x12 (6 Ply) (Optional)	2
4	43-4150	Fuel Tank (Incl. Ref. #13 & 14)	1	32	23-7270	Nut - Wheel	10
5	3253-3	Washer - Lock	2	33	217-117	Rim	2
6	32104-96	Screw - Cap Hex. Hd.	1	*	217-116	Rim - 23x10.5x12 (Optional)	2
7	37-9550	Strap - Fuel Tank	1	34	232-31	Valve Stem w/Cap	2
8	62-7650	Gasket	1	*	232-27	Valve Stem (For 23x10.5x12 Rim Opt.)	1
9	3253-17	Washer - Lock	1	35	86-9630	Front Axle Assembly	1
10	3219-14	Nut	1	36	32144-67	Screw - Cap Thd. Forming	4
11	32144-53	Screw - Thread Forming	5	37	32128-20	Nut - Flange	3
12	62-6840	Sender - Fuel Level	1	39	2811-9	Street Elbow	1
13	43-4160	Fitting - Return & Vent	1	40	289-37	Nipple - Pipe	1
14	2412-79	Fitting - Return & Vent	1	41	23-5180	Dipstick	1
15	43-4230	Hose - Return	1	42	93-7823	Decal - Oil	1
16	43-5690	Hose - Vent, Fuel Tank	1	*	231-90	Tube - Inner	2
17	2412-6	Clamp	2	*	62-7020	Asm - Wheel & Tire (23"x10.5"x12" 4 Ply) (Optional)	2
18	55-3572	Fuel Cap	1	*	69-9870	Asm - Wheel & Tire (23"x10.5"x12" 6 Ply) (Optional)	2
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				
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				

* Not Illustrated

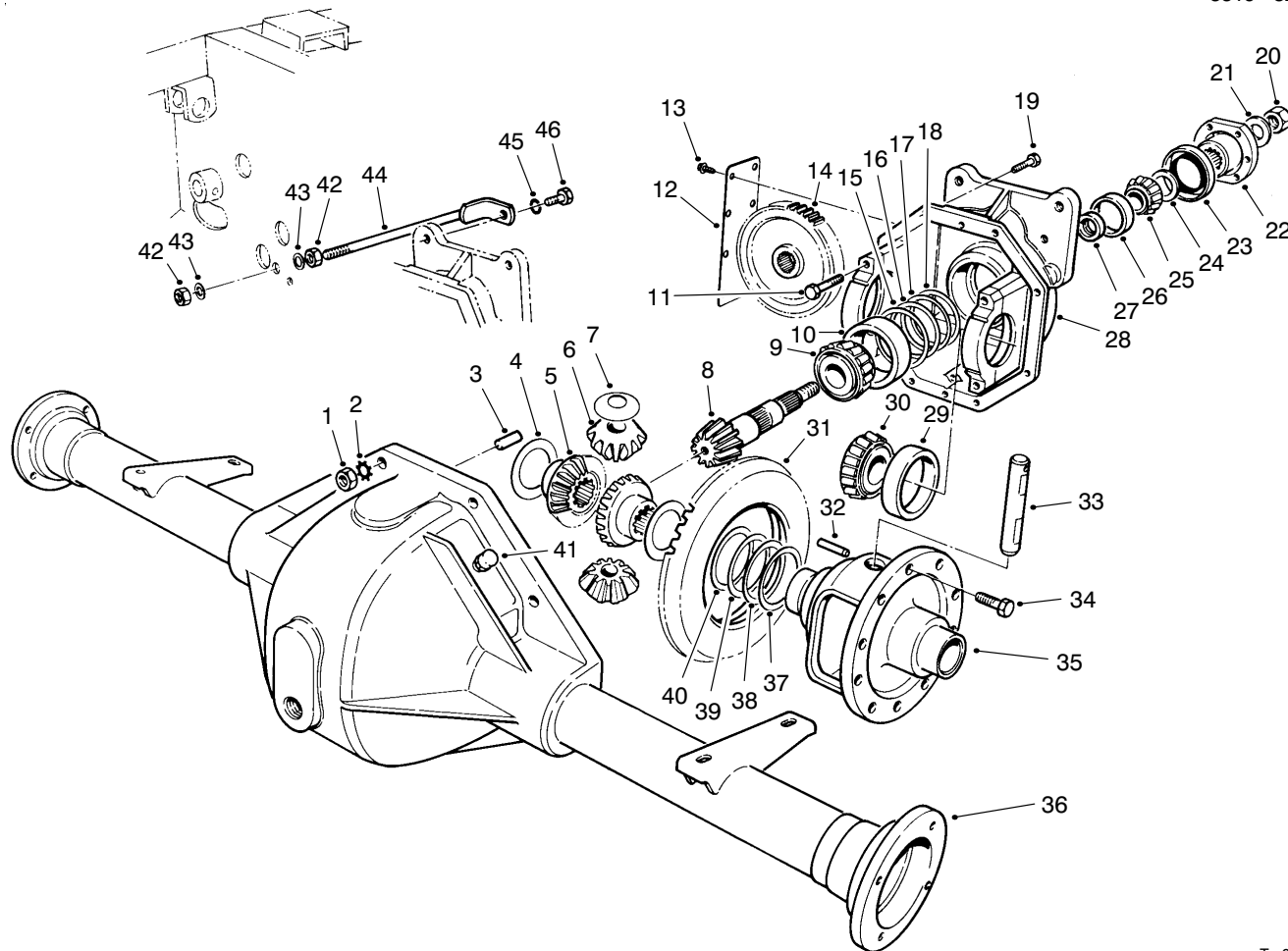


T-0905

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

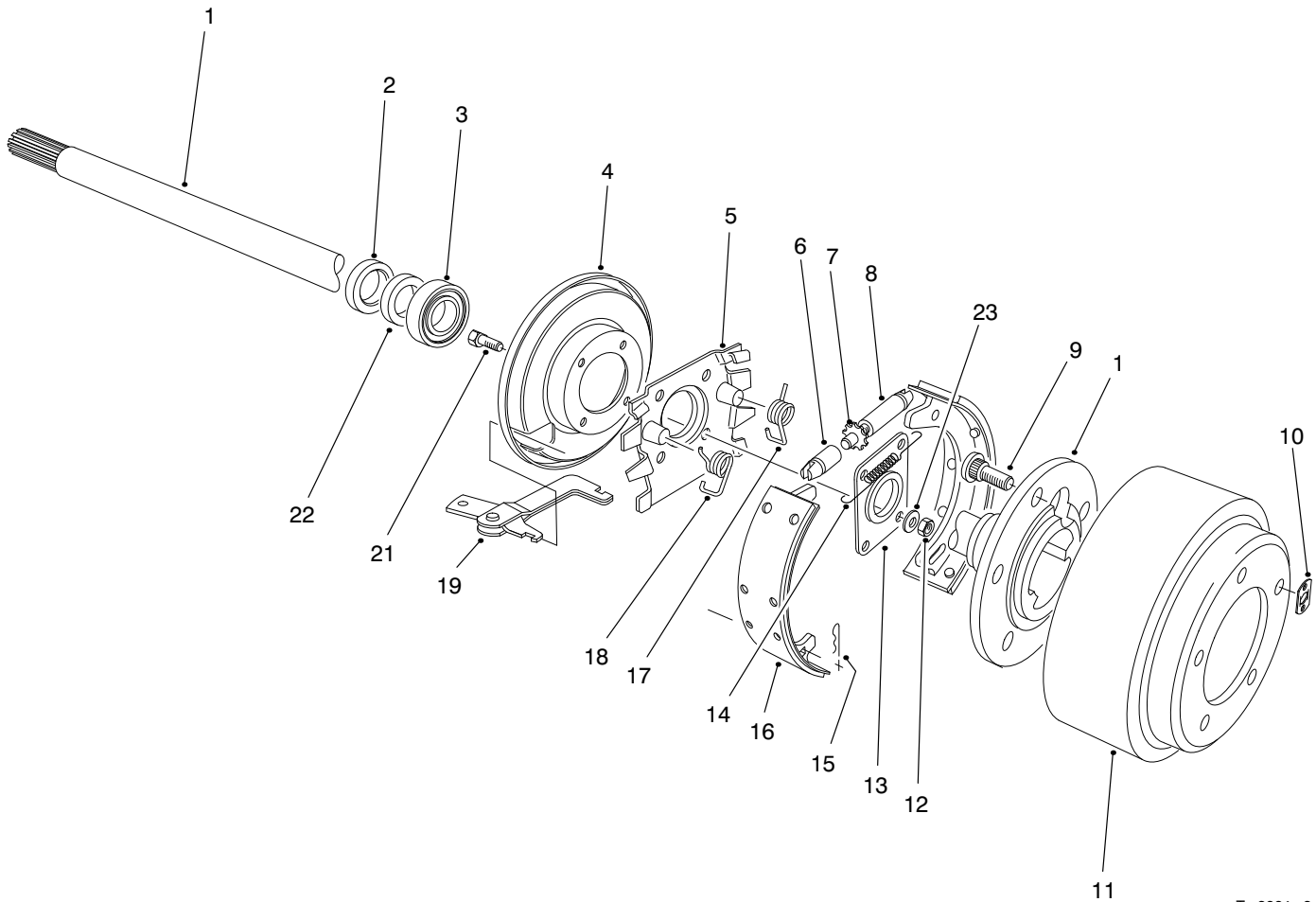


T-0905

FRONT AXLE ASSEMBLY NO. 86-9630 (Continued)

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

* Not Illustrated



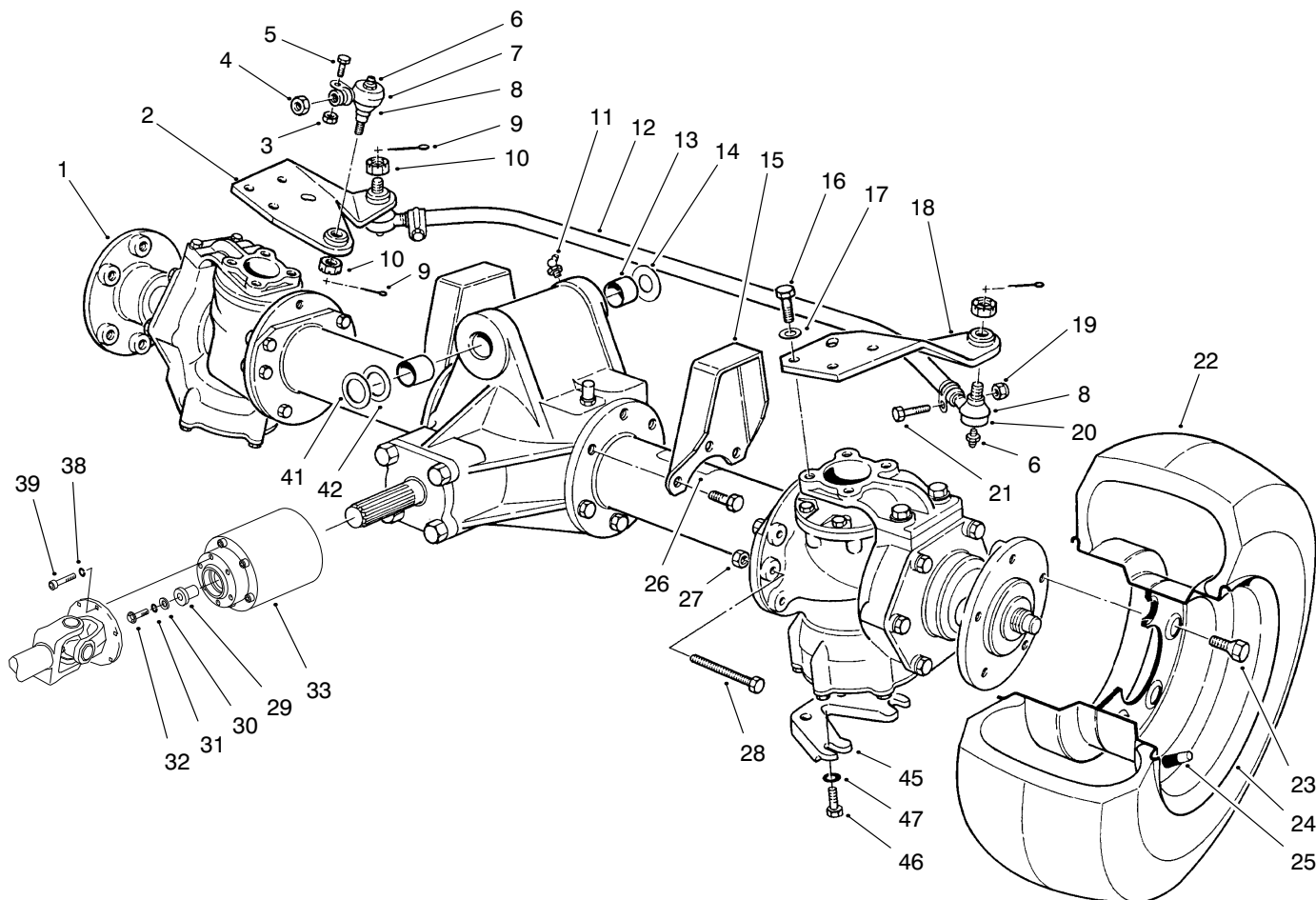
T-2664-2

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	21-9450	Dust Shield	2
5	43-6810	Torque - Spider	2
6	21-9390	Socket - Adjusting Screw	2
7	21-9370	Screw - Adjusting	2
8	21-9380	Nut - Pivot	2
9	242-34	Stud - Flanged, Axle	10
10	21-8360	Clip - Retaining	2
11	28-0680	Brake Drum	2
12	94-6935	Nut - Lock	8

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

* Not Illustrated

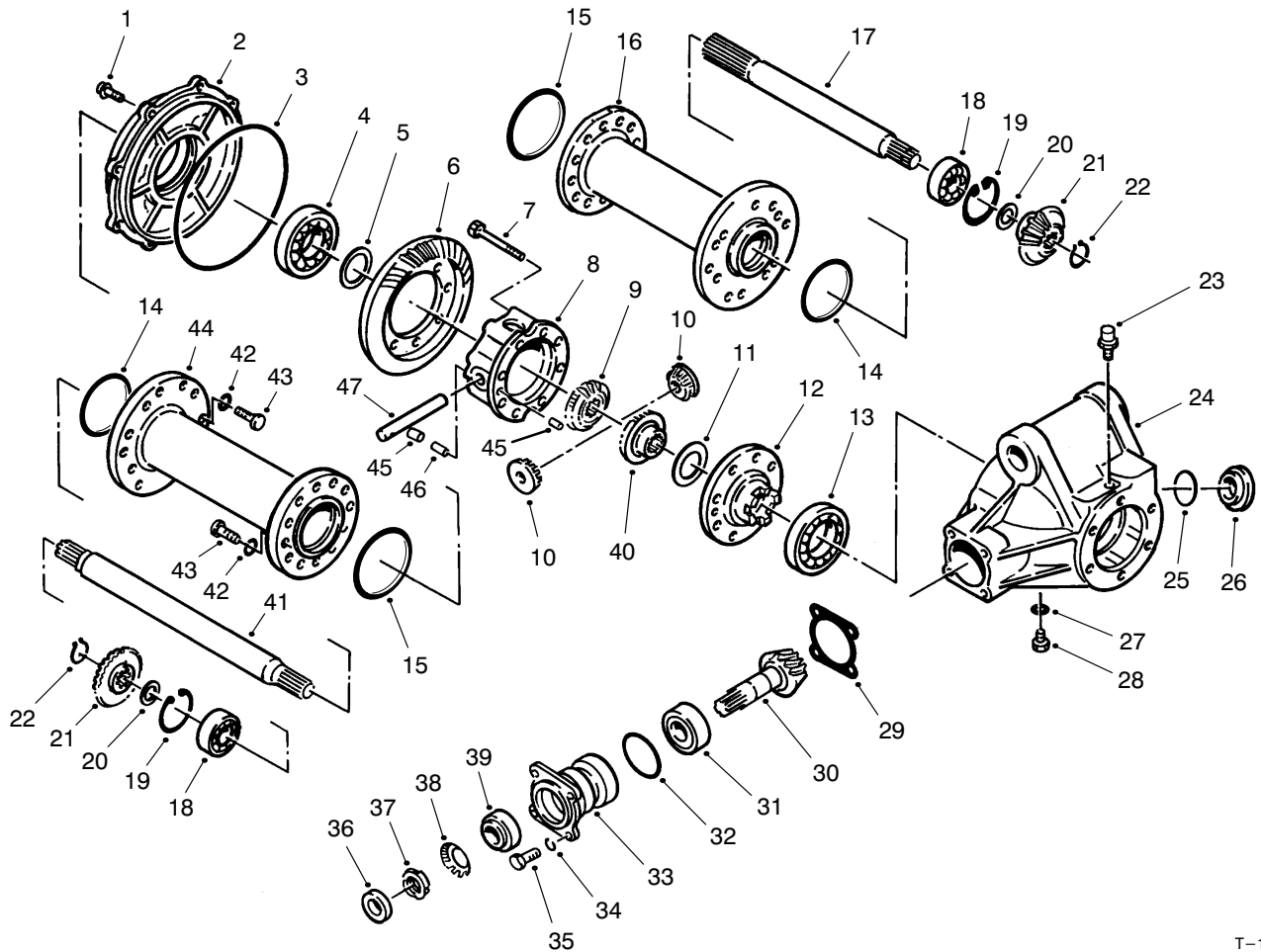


T-0903-4

STEERABLE AXLE ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	68-6824	Axle - Drive, Steerable	1	20	71-4740	Rod End	
2	68-6910	Arm - R.H., Steering	1			(Incl. Ref. #6, 8 & 10)	2
3	3296-43	Nut - Lock	1	21	323-9	Screw - Cap Hex. Hd.	2
4	3220-5	Nut - Jam	1	22	231-122	Tire	2
5	3210-7	Screw - Cap Hex. Hd.	1	23	71-4450	Bolt - Wheel	10
6	302-55	Fitting - Grease	3	24	217-106	Wheel	2
7	68-6870	Rod End		25	232-31	Stem - Valve	2
		(Incl. Ref. #3, 5, 6, 8 & 10)	1	26	93-6697	Decal - Lube	1
8	71-4760	Seal - Rod	3	27	48-7960	Nut	2
9	3272-11	Pin - Cotter	3	28	71-4690	Screw - Cap Hex. Hd.	2
10	32136-13	Nut - Slotted	3	29	98-1823	Spacer	1
11	302-11	Fitting - Grease	1	30	33094-00	Washer - Flat	1
12	71-4750	Tube & Clamp Assembly	1	31	3253-4	Washer - Lock	1
*	71-4530	Tie Rod Assembly		32	33104-040	Screw - HFH	1
		(Incl. Ref. #6, 8, 10, 12, & 19-21)	1	33	95-6269	Clutch - Bidirectional	1
13	67-1750	Bushing	2	38	3253-3	Washer - Lock	6
14	71-4540	Washer - Thrust	1	39	3274-8	Screw - Cap Hex. Hd.	6
15	68-6990	Stop - Oscillation	2	41	56-2460	Washer - Flat	A/R
16	48-7780	Screw - Cap Hex. Hd.	8	42	5-1226	Washer	A/R
17	48-9220	Washer - Flat	8	45	93-1395	Plate - Skid	2
18	68-6930	Arm - L.H., Steering	1	46	48-7730	Screw - Cap Hex. Hd.	4
19	3296-39	Nut - Lock	2	47	3256-23	Washer - Flat	4

* Not Illustrated

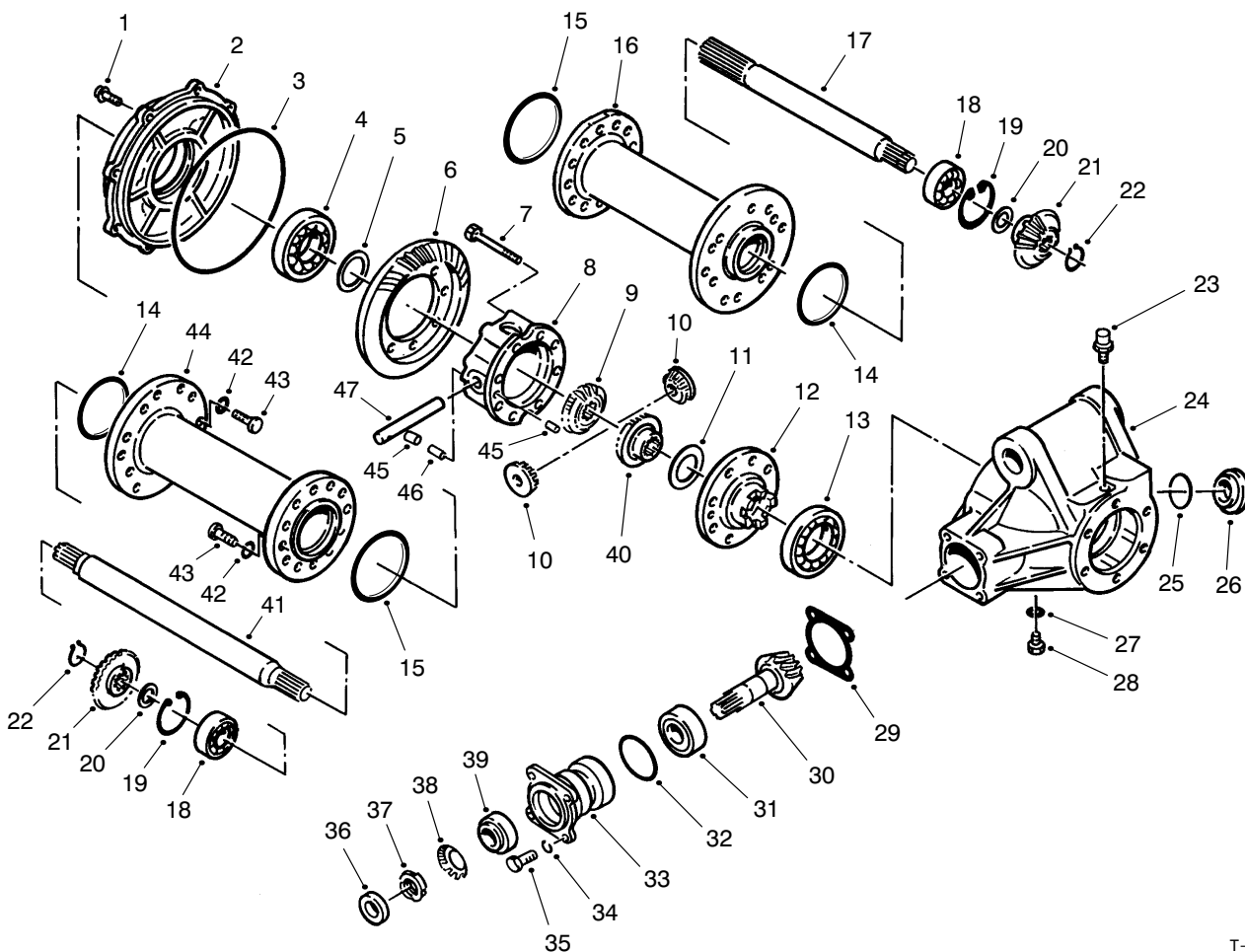


T-1305A

REAR AXLE ASSEMBLY NO. 68-6824

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

Ref. No.	Part No.	Description	No. Used
22	72-5370	Ring - Retaining	2
23	72-5130	Vent	1
24	72-4870	Case - Differential	1
25	72-5140	O-Ring	1
26	72-5150	Plug	1
27	72-5840	Gasket	1
28	72-5820	Plug	1
29	72-5160	Shim .1mm	1
*	72-5170	Shim .15 mm	1
*	72-5180	Shim .5 mm	1
*	72-5190	Shim .8 mm	1
*	72-5200	Shim 1.0 mm	1
*	72-5210	Shim 1.2 mm	1
30		Gear - Pinion	1
31	254-108	Bearing - Tapered Roller	1
32	72-5460	O-Ring	1
33	83-5350	Case - Bearing	1
34	42-9850	Washer - Lock M8	8
35	48-9460	Bolt - Hex. Hd.	4
36	83-5360	Seal - Oil	1
37	83-5340	Nut - Bearing	1
38	83-5330	Washer - Bearing	1
39	254-109	Bearing - Tapered Roller	1
40	72-4940	Gear - Side	1
41	72-5120	Axle - LH	1
42	48-9590	Washer - Lock M10	24

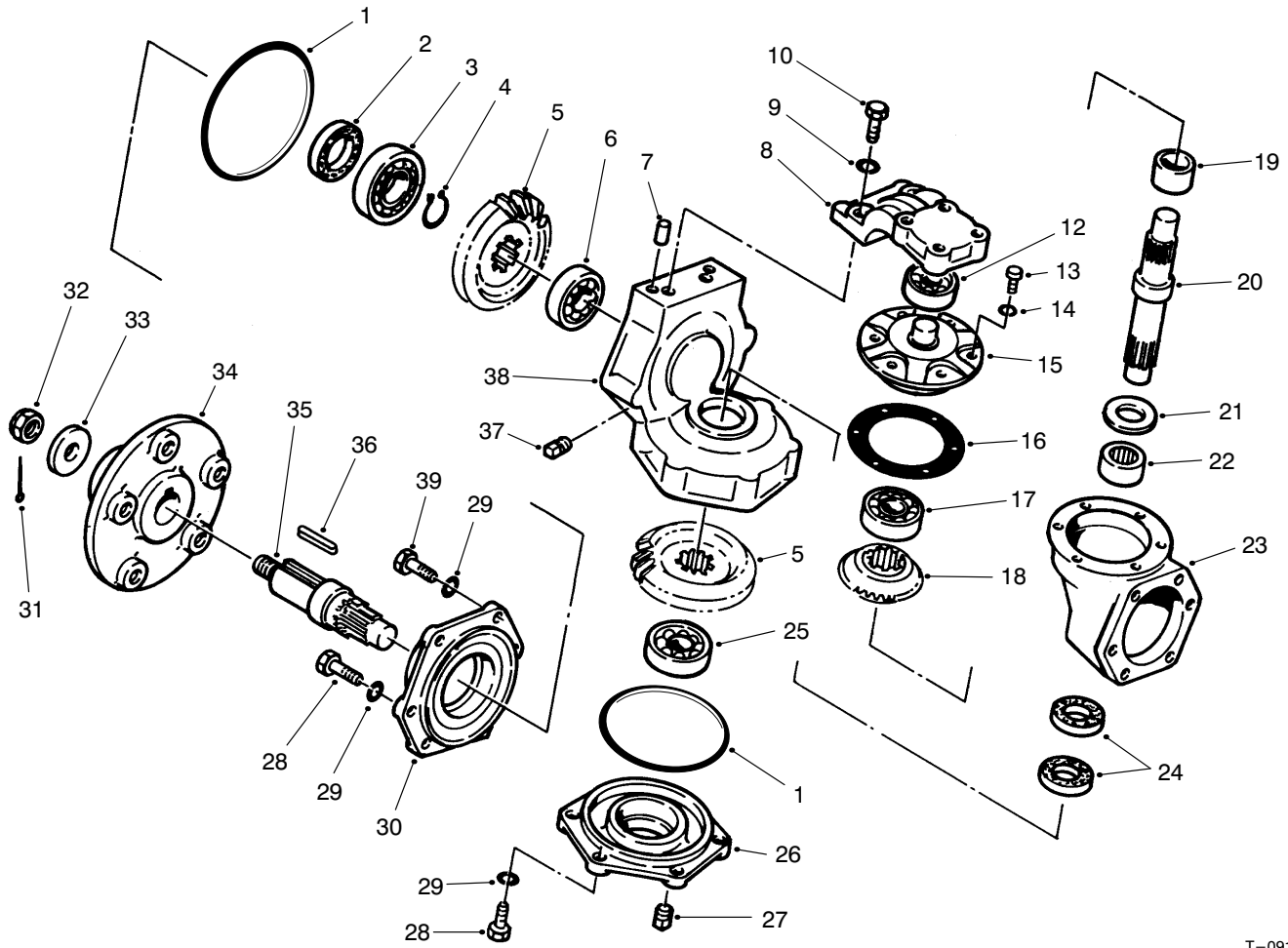


T-1305A

REAR AXLE ASSEMBLY NO. 68-6824 (Continued)

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

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

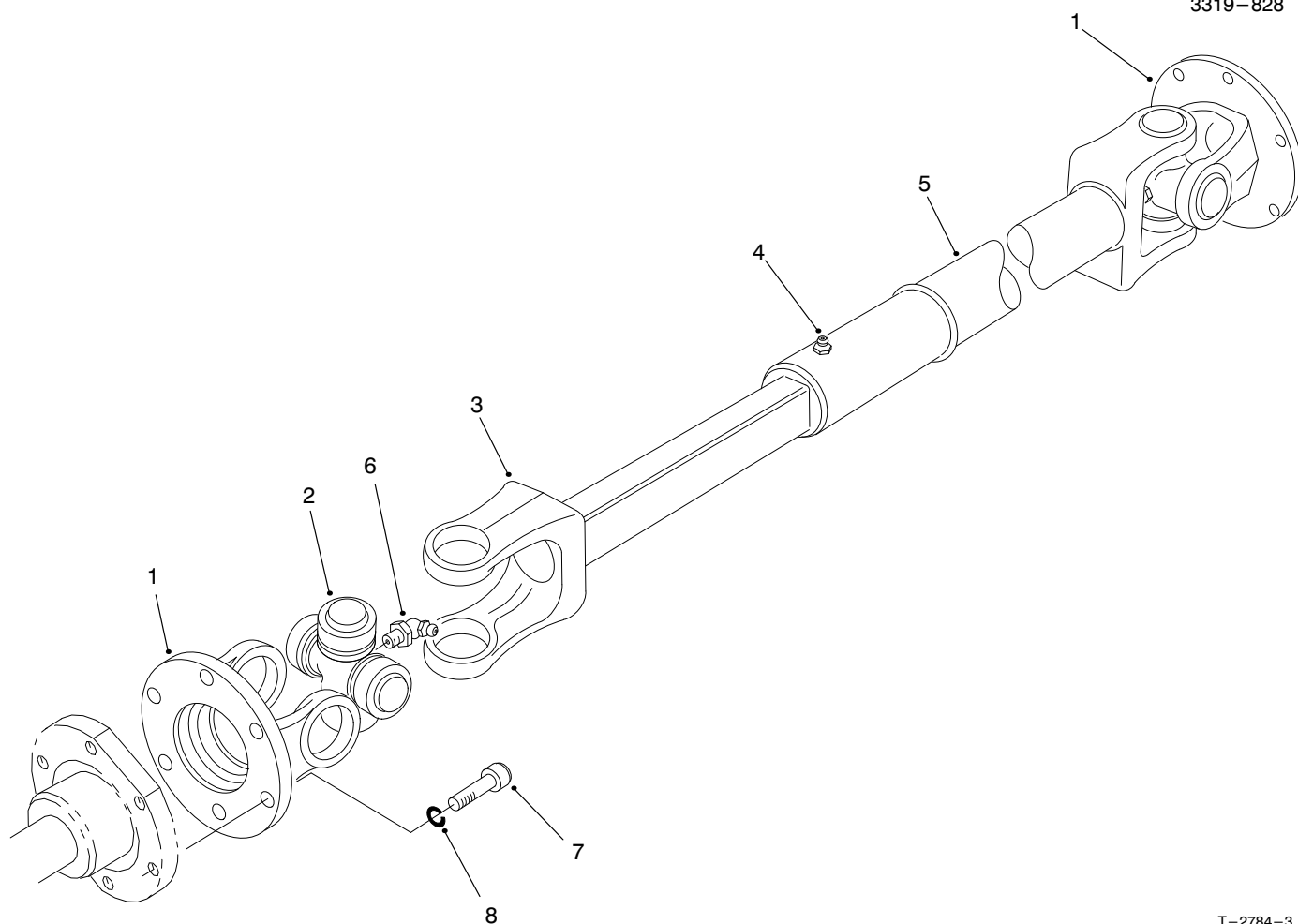


T-0912A

REAR AXLE ASSEMBLY NO. 68-6824 (Continued)

Ref. No.	Part No.	Description	No. Used
1	93-3670	Seal - O-Ring	4
2	72-5740	Seal - Oil	2
3	251-348	Bearing - Ball	2
4	72-5720	Ring - Retaining	2
5	72-5580	Gear - Bevel	4
6	251-8	Bearing - Ball	2
7	93-3671	Pin - Dowel	4
8	93-3672	Arm - Knuckle	2
9	48-9590	Washer - Lock	28
10	48-9470	Screw - Cap, M10 x 30	4
12	251-347	Bearing - Ball	2
13	72-5790	Screw - Cap, M6 x 18	12
14	43-5930	Washer - Lock	12
15	72-5590	Retainer - Bearing	2
16	72-5630	Gasket	2
17	251-349	Bearing - Ball	2
18	72-5090	Gear - Bevel	2
19	72-5680	Spacer	2
20	72-5560	Pin - King, Knuckle	2

Ref. No.	Part No.	Description	No. Used
21	93-3668	Washer - Thrust	2
22	93-3669	Bearing - Needle	2
23	93-3666	Gear Box - Axle	2
24	72-5730	Seal - Oil	4
25	251-263	Bearing - Ball	2
26	72-5550	Cover	2
27	281-10	Plug - Socket, Hex.	2
28	48-9460	Screw - Cap, M8 x 25	20
29	42-9850	Washer - Lock, M8	28
30	72-5540	Case - Knuckle	2
31	3272-17	Pin - Cotter	2
32	72-5770	Nut - Castle	2
33	72-5660	Washer - Shaft, Wheel	2
34	72-5650	Hub - Wheel	2
35	72-5570	Shaft - Axle, Outer	2
36	72-5780	Key	2
37	95-3347	Plug - Pipe, Square Hd.	2
38	93-3667	Case - Knuckle	2
39	48-7710	Screw - Cap, M8 x 20	4



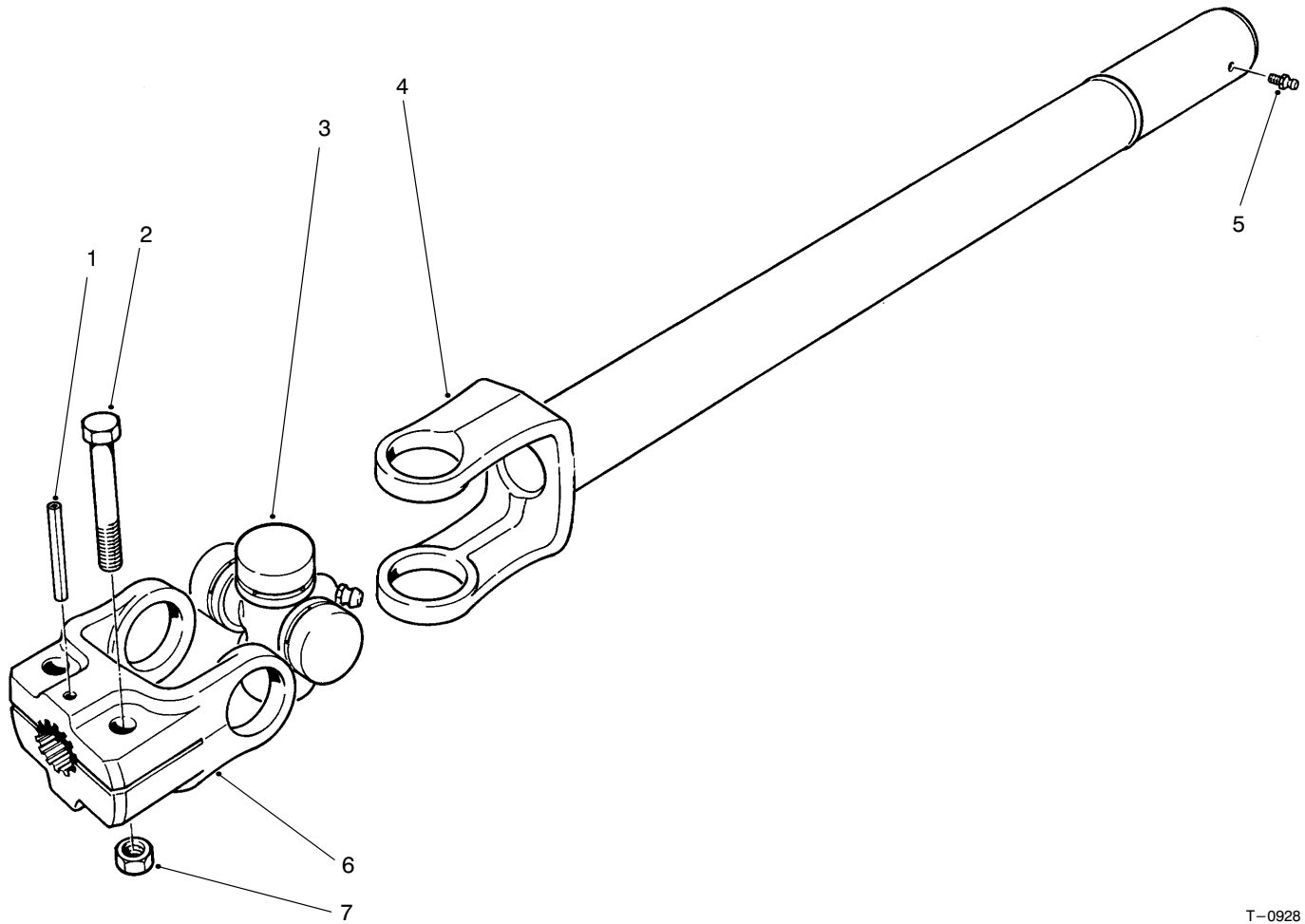
T-2784-3

DRIVE SHAFT ASSEMBLY NO. 98-5009

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	72-3410	Yoke - Flange	2	6	62-3820	Fitting - Grease 65°	2
2	54-9180	Kit - Universal Joint	2	†7	3274-8	Screw - Cap Soc. Hd.	6
3	72-3420	Shaft - Yoke, Slip	1	†8	3253-3	Washer - Lock	6
4	302-58	Fitting - Grease	1	*	98-5009	Driveshaft (Complete)	1
5	72-3431	Tube - Yoke, Slip	1				

* Not Illustrated

† Order Item Separately

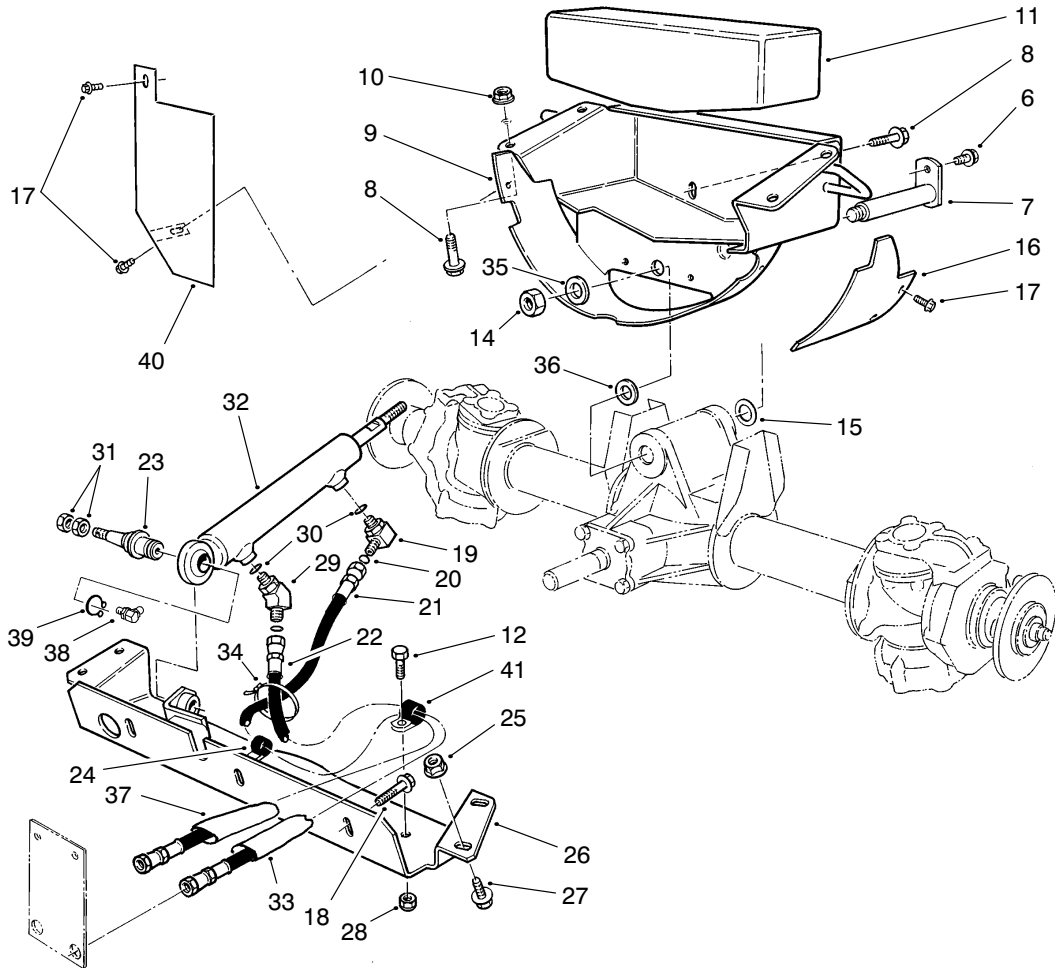


T-0928

DRIVE SHAFT ASSEMBLY NO. 72-3741

Ref. No.	Part No.	Description	No. Used
1	32121-34	Pin - Roll	1
2	323-9	Screw - Cap Hex. Hd.	2
3	54-9180	Kit - Joint, Universal	1
4	72-3461	Tube - Yoke, Half-Slip	1

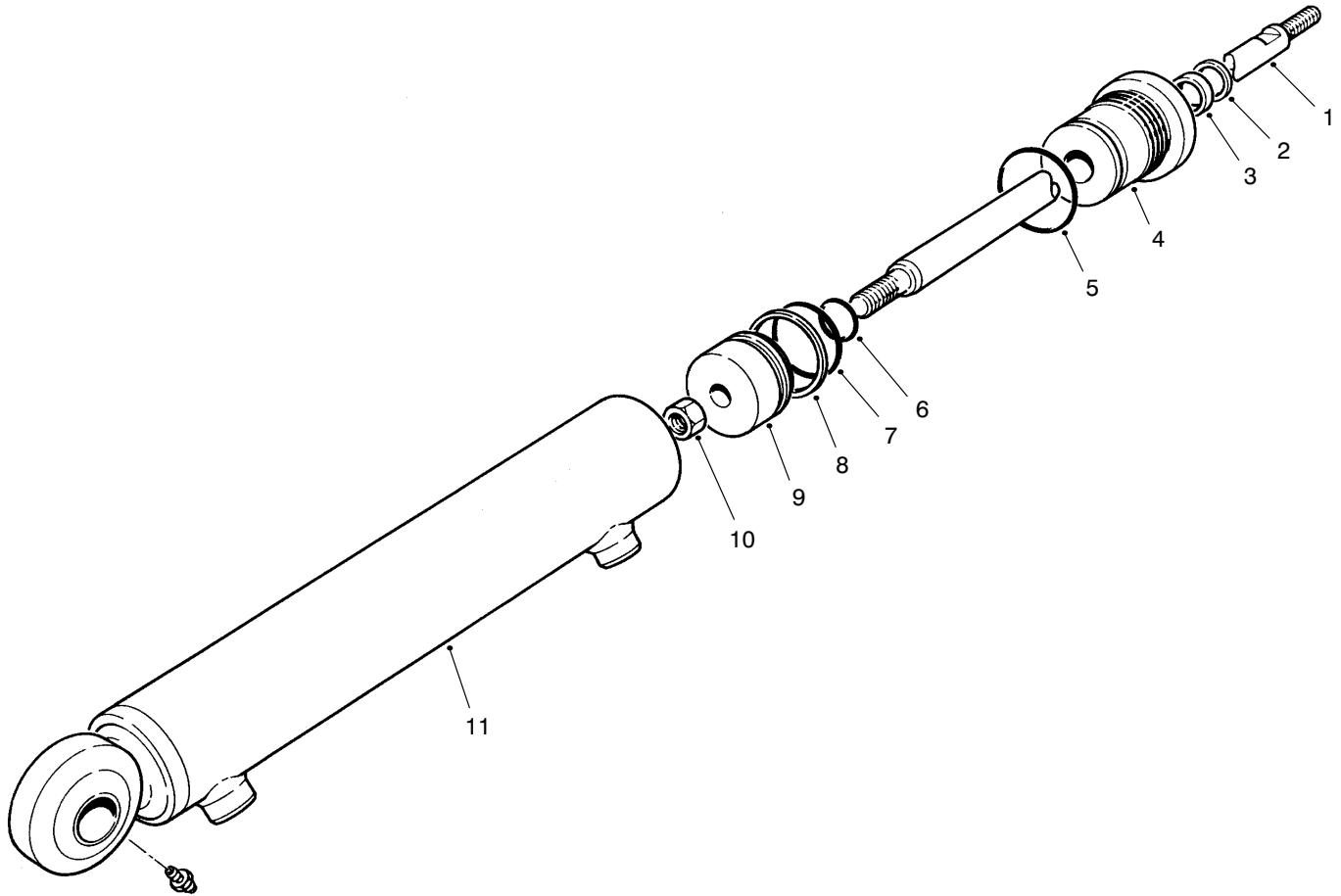
Ref. No.	Part No.	Description	No. Used
5	302-58	Fitting - Grease	1
6	72-3450	Yoke - Flange, Split	1
7	32153-2	Nut - Lock	2



T-0908-3

AXLE SUPPORT & STEERING CROSS MEMBER

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
6	32144-14	Screw - Self Tapping	1	25	32128-21	Nut - Flange	4
7	92-7807	Pin - Axle Rear	1	26	92-7810	Cross Member	1
8	3234-32	Screw - Flange Hex. Hd.	6	27	3234-25	Screw - Flange Hex. Hd.	4
9	92-7803	Support - Axle	1	28	3296-20	Nut - Lock	2
10	32128-23	Nut - Lock Flange	4	29	340-54	Fitting	1
11	67-8960	Weight - Rear	1	30	237-78	O-Ring	2
12	322-5	Screw - Cap Hex. Hd.	2	31	3220-6	Nut - Jam	2
14	32146-20	Nut	1	32	92-7829	Cylinder - Hyd. Steering	1
15	71-4540	Washer - Thrust	1	33	56-7981	Sleeve - Protective	1
16	93-7042	Cover - Guard Flywheel	1	34	3290-379	Tie - Cable	1
17	32144-10	Screw - Thread Forming	4	35	5-1226	Washer	A/R
18	3234-24	Screw - Flange Hex. Hd.	3	36	56-2460	Washer - Flat	A/R
19	340-97	Elbow - Fitting	1	37	56-7985	Sleeve - Protective	1
20	237-22	O-Ring	2	38	302-60	Fitting - Grease 90°	1
21	71-4430	Hose Assy. - Steering	1	39	32151-104	Ring - Retaining	1
22	68-9710	Hose Assy. - Steering	1	40	93-8738	Guard - Flywheel	1
23	92-5838	Ball Joint	1	41	2412-74	Clamp	1
24	2412-39	Clamp	1				



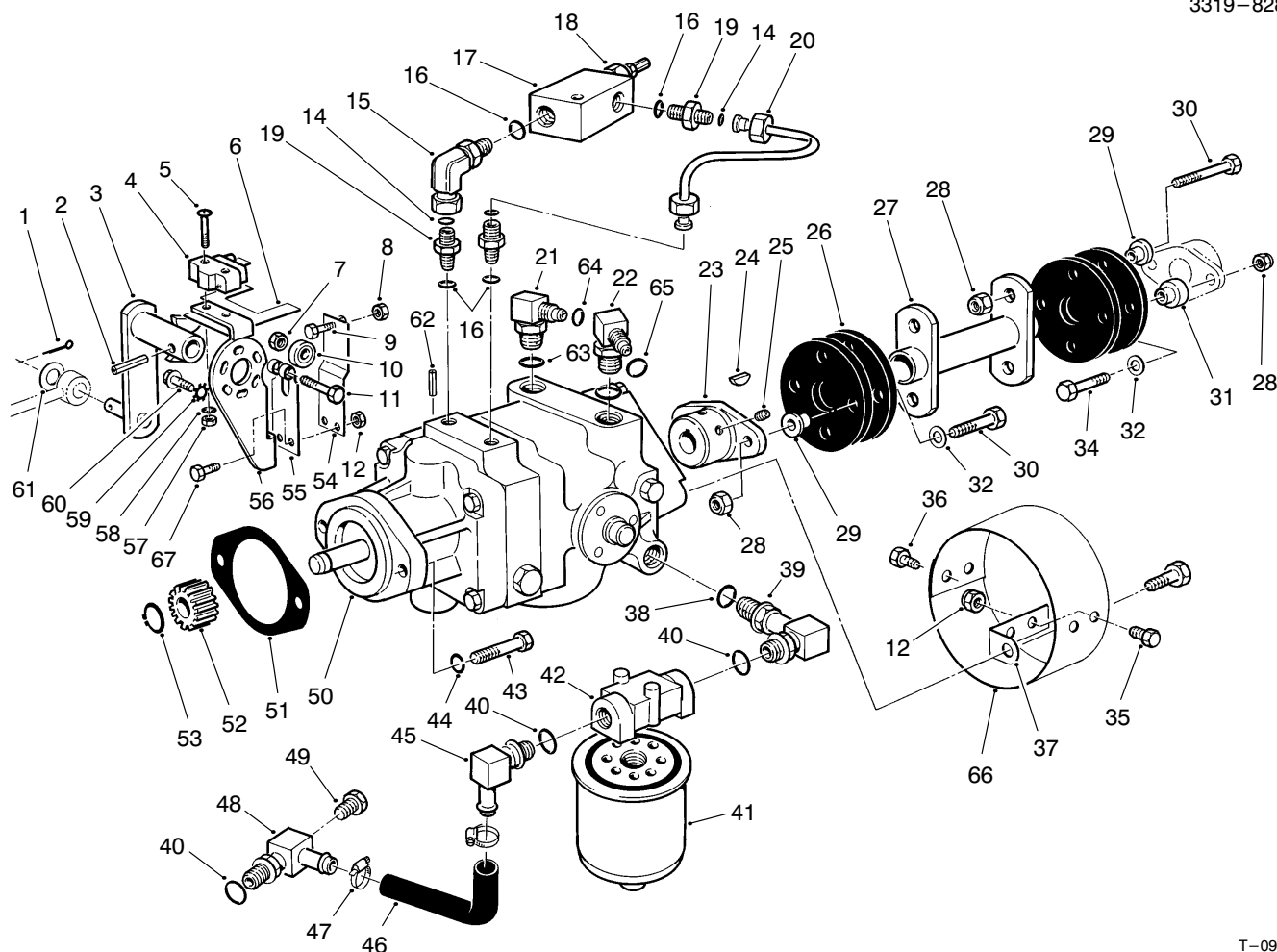
T-0904

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



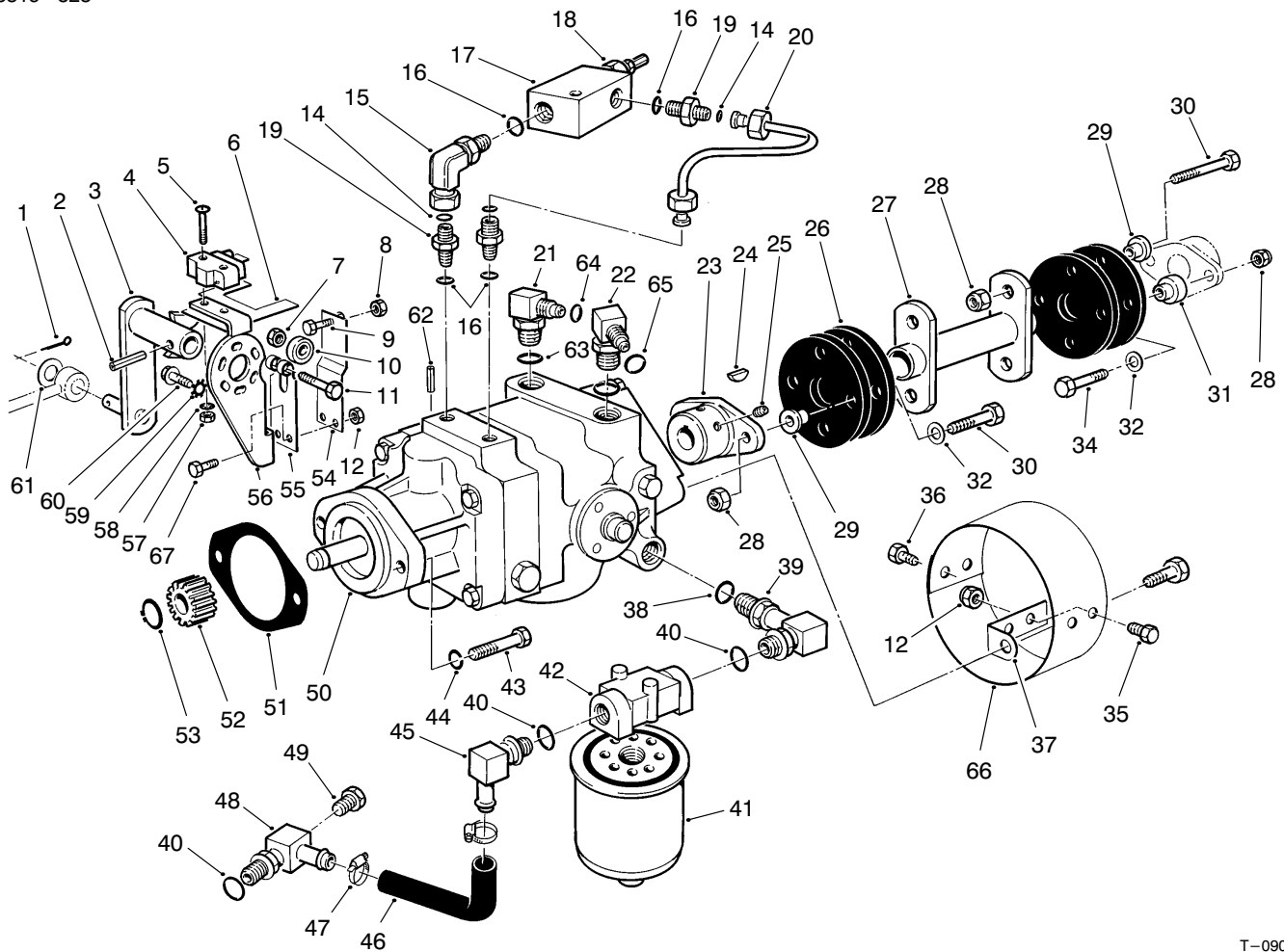
T-0909B

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

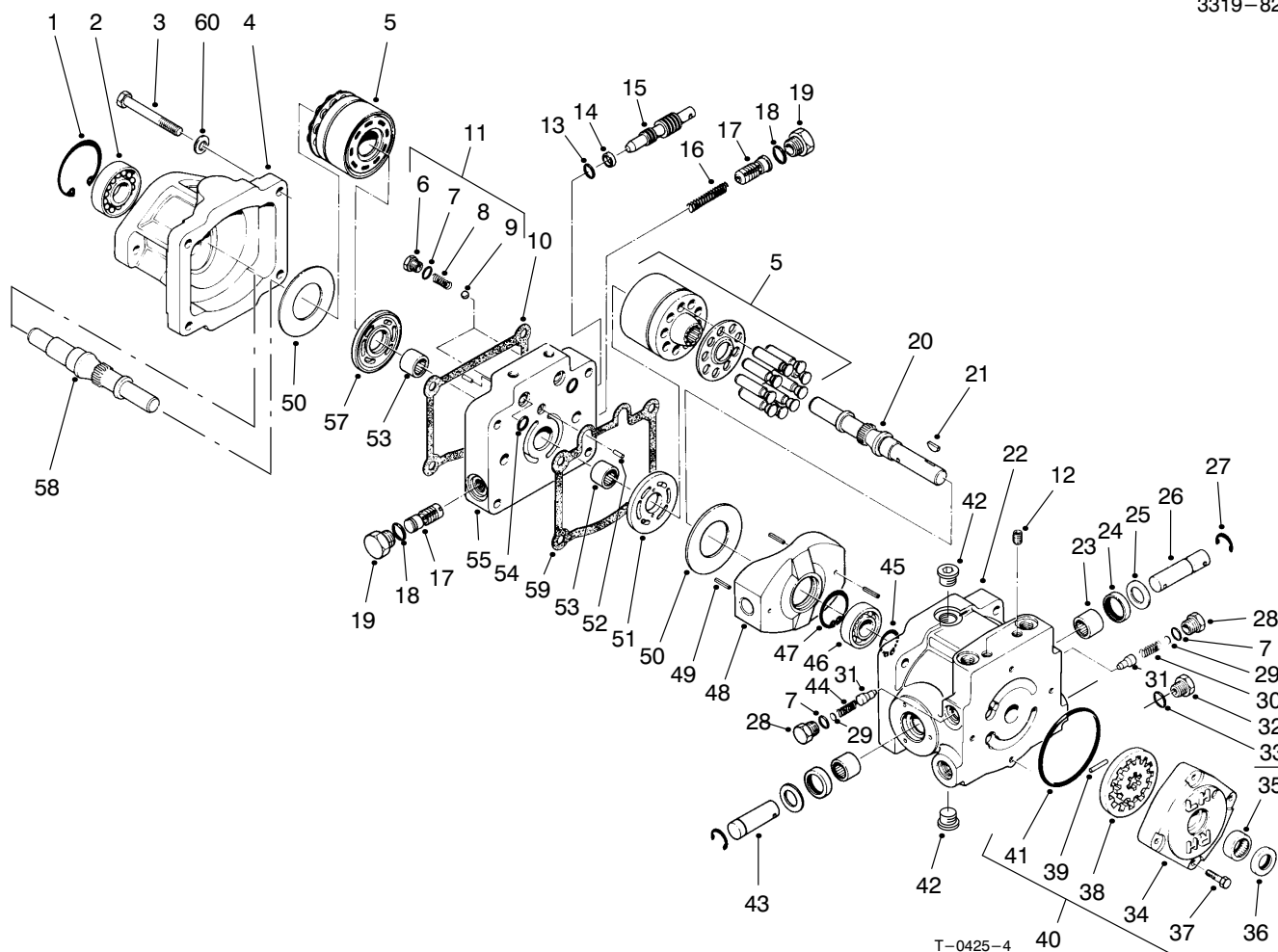


T-0909B

HYDROSTATIC TRANSMISSION (Continued)

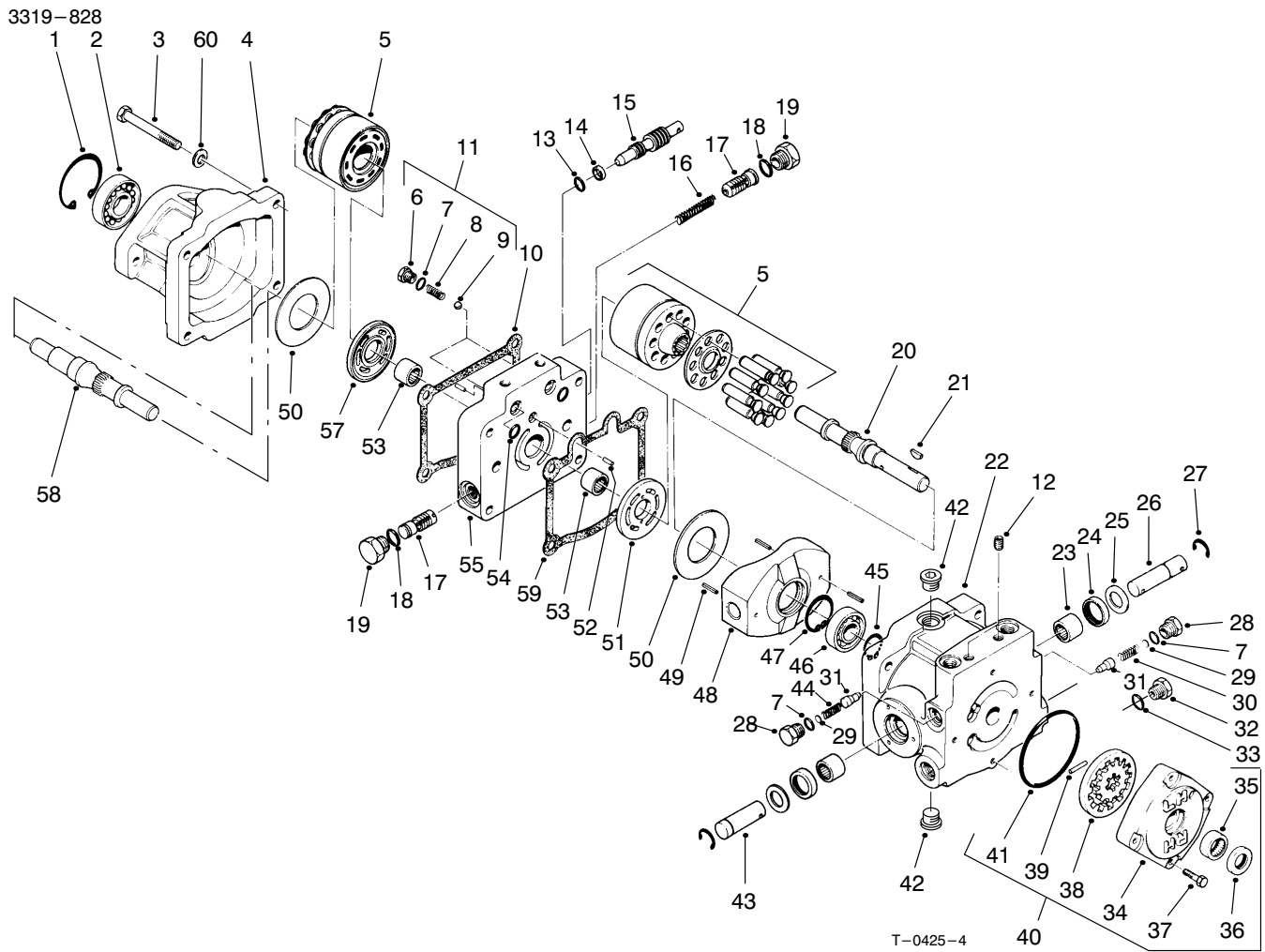
Ref. No.	Part No.	Description	No. Used
52	86-7220	Gear - Output, Trans.	1
53	32120-72	Ring - Retaining	1
54	29-6170	Spring - Leaf, Extended	1
55	29-6150	Spring - Leaf	1
56	29-6120	Plate - Pump	1
57	3217-6	Nut - Hex	2
58	3254-9	Washer - Lock	2
59	3255-7	Washer - Lock	3
60	49-2040	Screw - Self Tapping	3

Ref. No.	Part No.	Description	No. Used
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
*	95-3092	Kit - 400 Hour Filter (Incl. Ref. #41)	1



TRANSMISSION ASSEMBLY NO. 92-8947

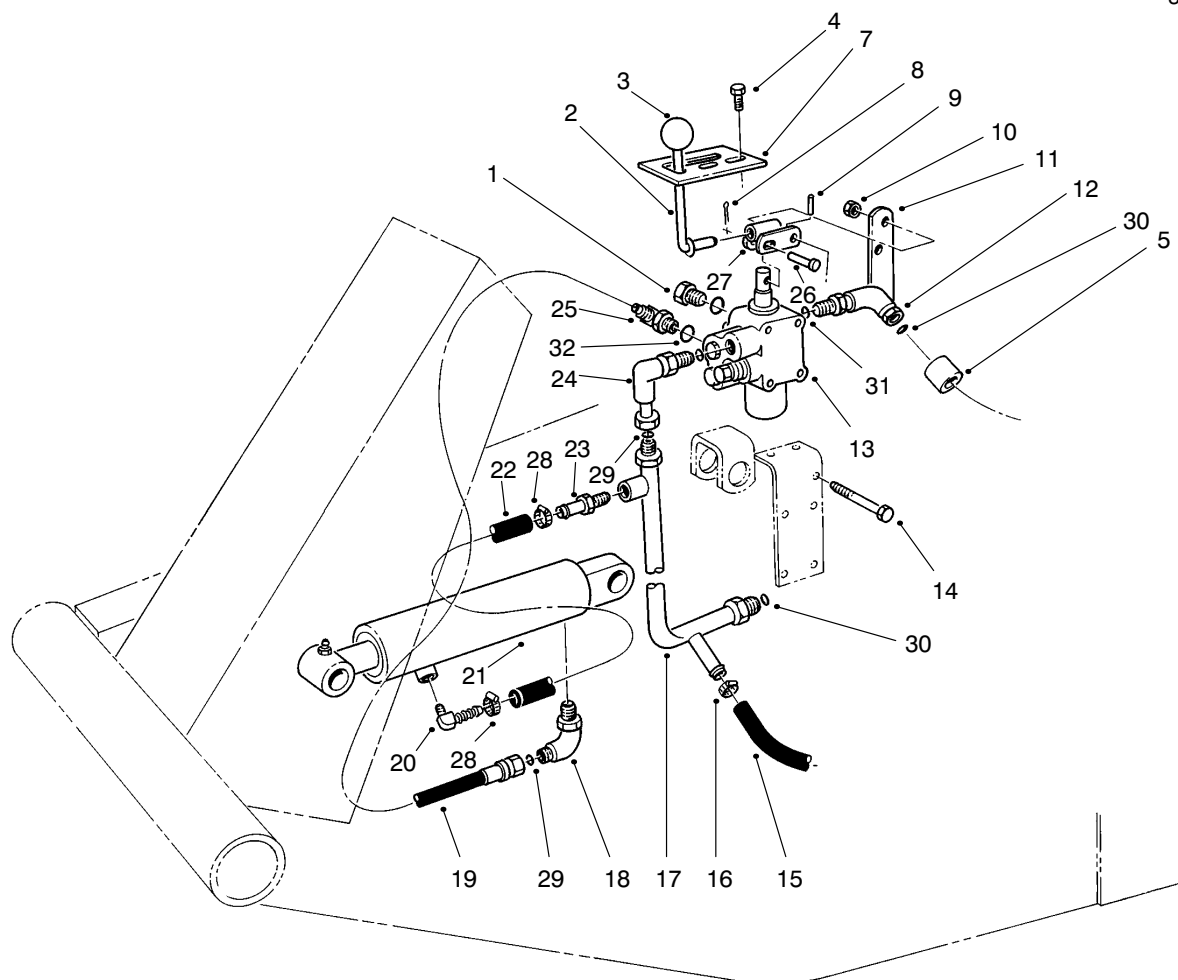
Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	32120-8	Ring - Retaining	1	25	25-2510	Washer - Flat	2
2	72-3750	Bearing - Ball	1	26	25-2580	Trunnion Shaft	1
3	323-56	Screw - Cap Hex. Hd.	4	27	32151-46	Ring - Retaining	2
4	67-9080	Housing - Motor	1	28	25-2460	Plug - Hex. 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	93-4133	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	2
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



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	93-4132	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	93-0312	Washer - Hardened	4
61	92-8776	Plug	4
62	92-8777	O-Ring	2

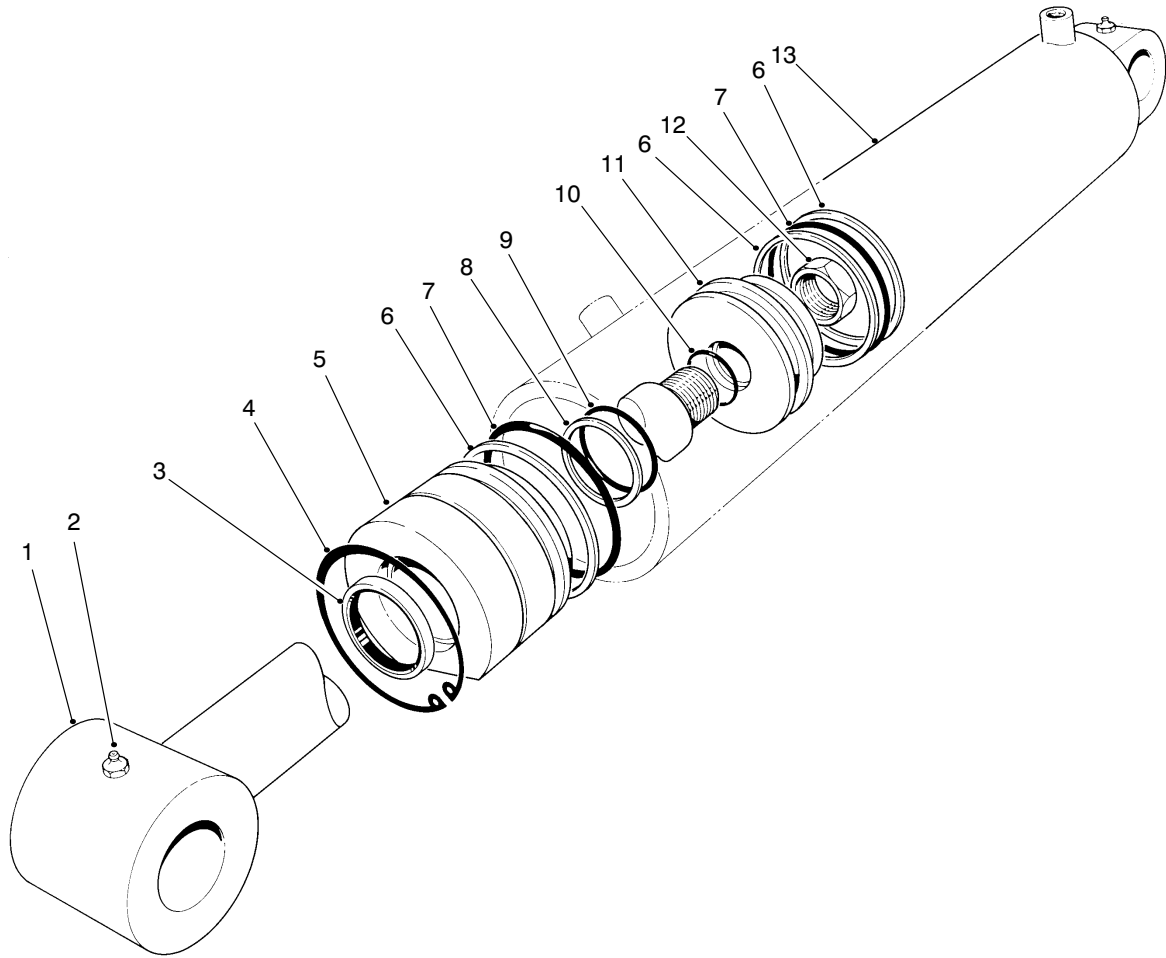


T-0426A

VALVE & CYLINDER ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	353-512	Plug	1	19	92-7833	Hose - (Valve to Cylinder)	1
2	21-8620	Lever Valve	1	20	304-75	Fitting - 90° Barb	1
3	233-21	Knob	1	21	62-4250	Cylinder - Hydraulic	1
4	32144-10	Screw - Hex. Self Tapping	2	*	66-1250	Cylinder - Hydraulic (Optional)	1
5	38-3400	Guard - Rubber	1	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				
18	340-112	Elbow - 90°	1				

* Not Illustrated



T-0859

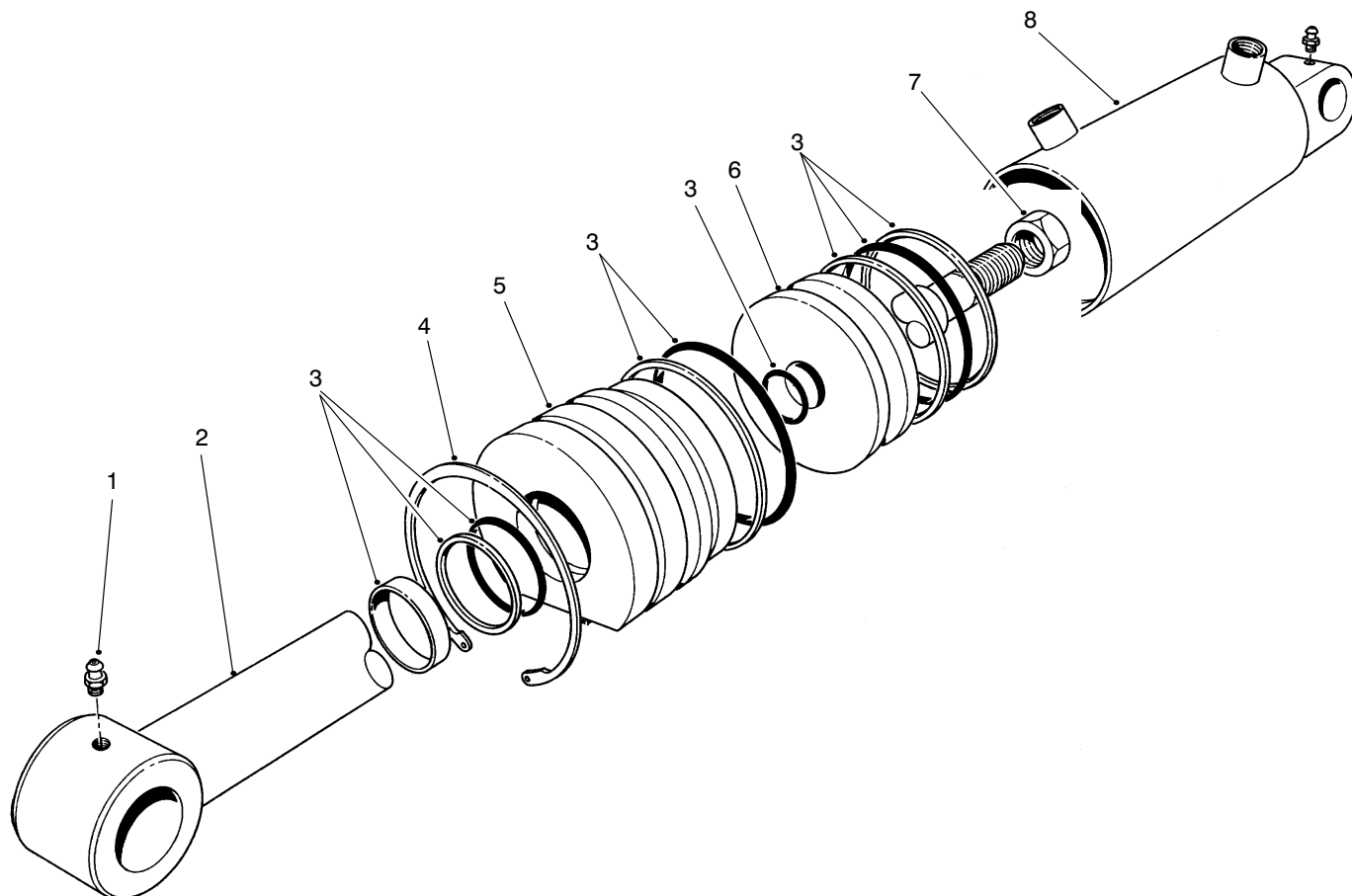
HYDRAULIC LIFT CYLINDER ASSEMBLY NO. 62-4250 (2-1/2" Bore)

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



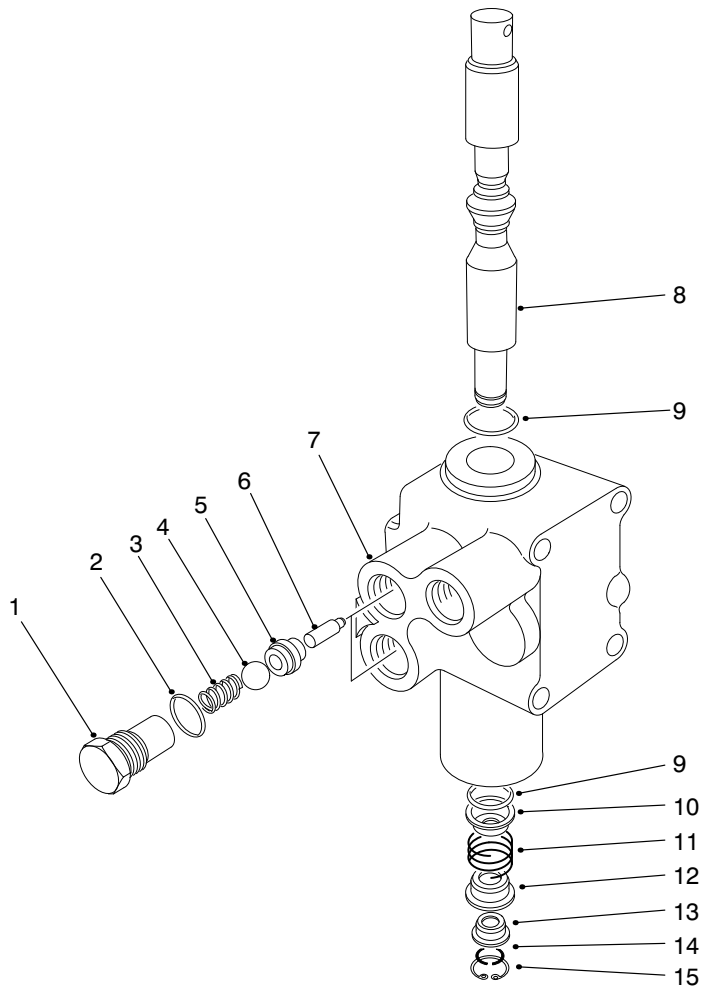
T-0527

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

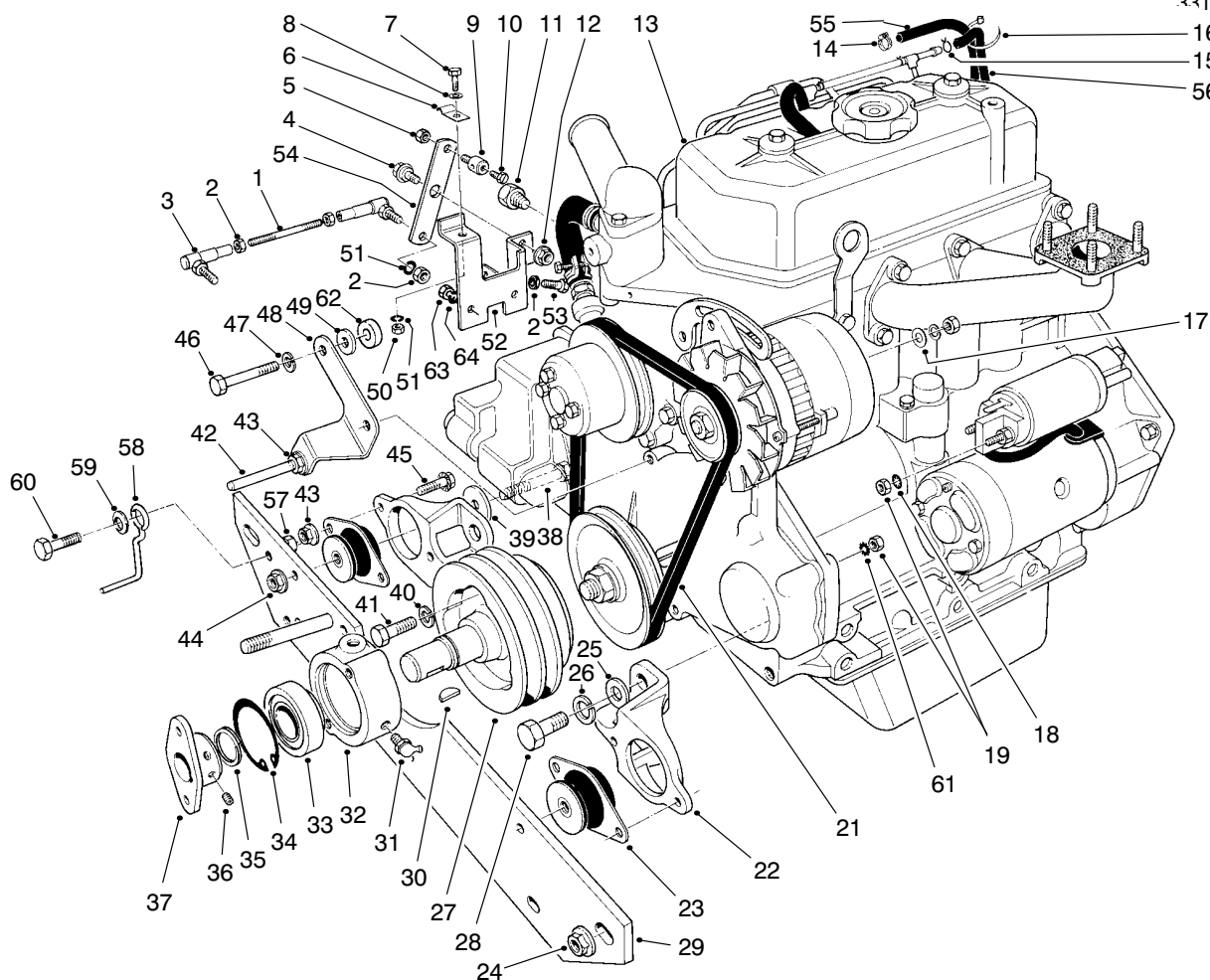


T-0428-2

CONTROL VALVE ASSEMBLY NO. 43-1710

Ref. No.	Part No.	Description	No. Used
1	22-8330	Plug	2
2	237-42	O-Ring	2
3	22-8340	Spring	2
4	22-8350	Ball	2
5	22-8370	Seat - Check Valve	2
6	22-8360	Pin - Cam	2
7		Body	1
8	22-8420	Spool	1

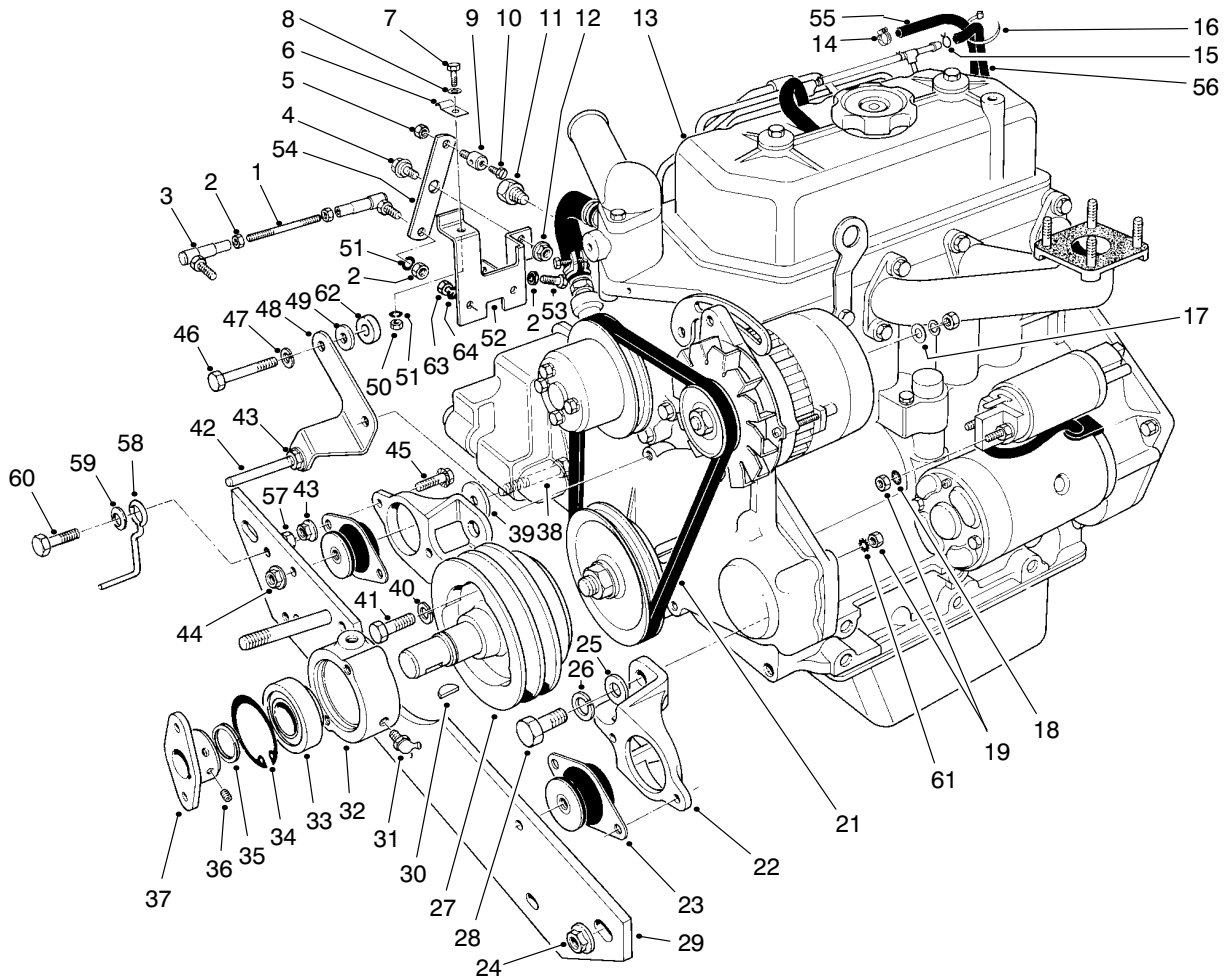
Ref. No.	Part No.	Description	No. Used
9	22-8500	O-Ring	2
10	22-8380	Spring Retainer	1
11	22-8410	Spring	1
12	22-8390	Spring Retainer	1
13	22-8400	Spacer Float	1
14	22-8480	Spring Ring Spool	1
15	22-8490	Snap Ring	1



T-0429A

ENGINE ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	43-3770	Link - Throttle	1	23	53-9680	Engine Mount - Rubber	2
2	3219-1	Nut	5	24	32128-23	Nut - Lock Flange	2
3	18-1720	Ball Joint Assembly	2	25	3256-64	Washer - Flat	4
4	37-8770	Bolt - Shoulder	1	26	43-5950	Washer - Lock	4
5	3296-20	Nut - Lock	1	27	43-3510	Pulley - Engine	1
6	2412-31	Clamp - Bodine	1	28	82-5050	Screw - Cap Hex. Hd.	4
7	321-4	Screw - Cap Hex. Hd.	1	29	75-9900	Engine Support - Front	1
8	3256-22	Washer - Flat	1	30	3257-33	Key - Woodruff	1
9	43-3780	Swivel - Throttle Control	1	31	302-10	Fitting - Grease	1
10	25-8640	Screw - Machine	1	32	43-3720	Collar - Bearing	1
11	43-1940	Adapter - Temp. Gauge	1	33	251-252	Bearing - Ball	1
12	32152-1	Nut - Lock Flange	1	34	32120-22	Ring - Retaining Internal	1
13	43-1440	Engine (Used on Serial No. 50001-60151)	1	35	32120-69	Ring - Retaining External	1
13	94-9160	Engine (Used on Serial No. 60152 & Up)	1	36	3241-5	Screw - Set Socket Head	2
14	2412-108	Clamp - Worm Drive	1	37	27-1960	Hub - Engine	1
15	2412-79	Clamp	1	38	324-12	Screw - Cap Hex. Hd.	2
16	3290-379	Cable Tie	1	39	53-9480	Washer	2
17	5-3637	Washer	1	40	48-9590	Washer - Lock	3
18	3254-2	Washer - Lock Int. Tooth	2	41	43-3190	Screw - Cap Hex. Hd.	3
19	33014-00	Nut - Hex.	2	42	21-1820	Stud - Belt Retainer	2
21	42-9100	Belt - Fan	1	43	3290-357	Nut - Lock Flange	7
22	53-9710	Engine Mount	2	44	32128-37	Nut - Lock Flange	2
				45	3234-11	Screw - Cap Hex. Hd.	4
				46	42-9510	Screw - Cap Hex. Hd.	2
				47	3253-4	Washer - Lock	2
				48	43-3790	Bracket - Belt Guide	1

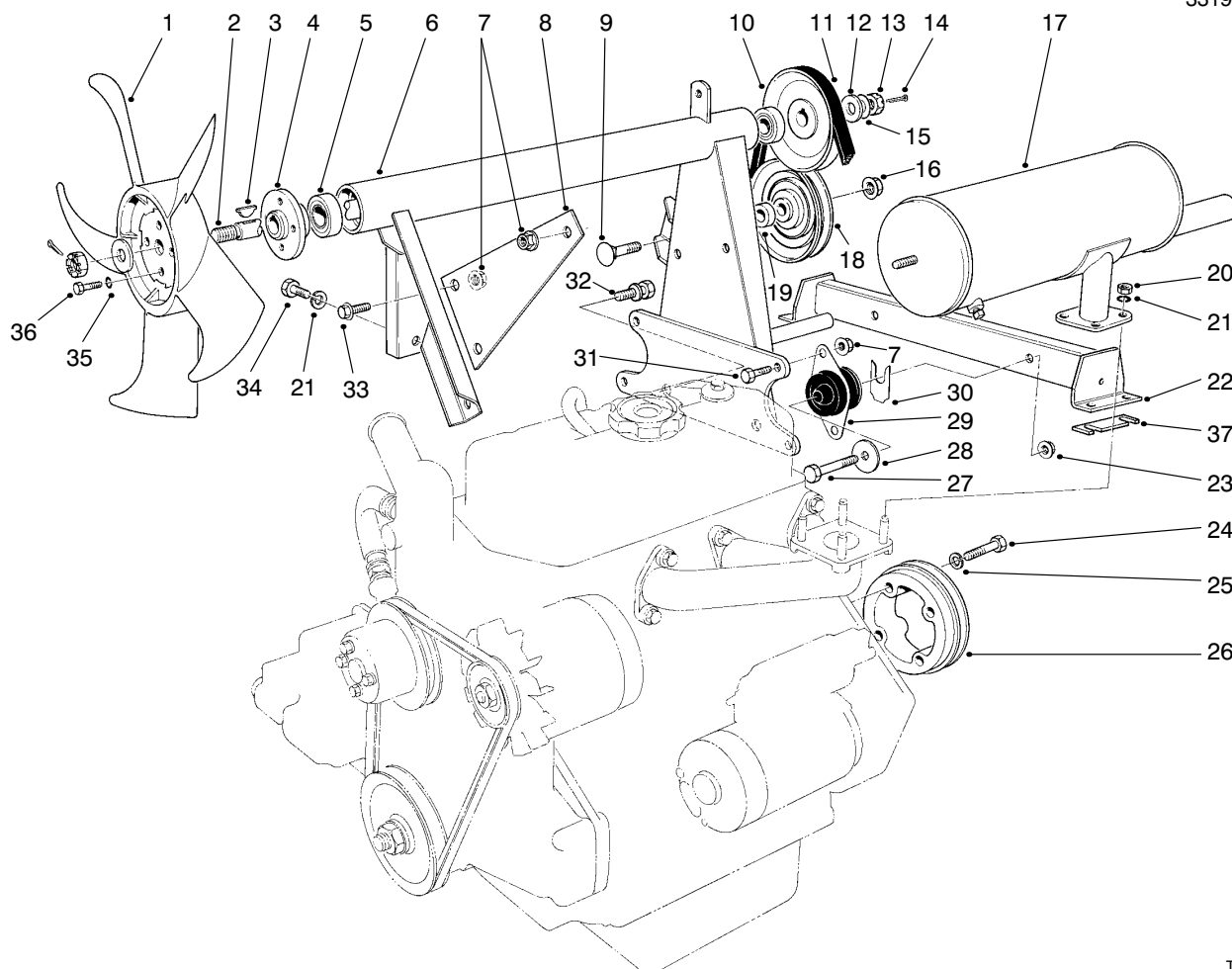


T-0429A

ENGINE ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
49	4-2390	Washer	2
50	3217-5	Nut	1
51	3253-3	Washer - Lock	3
52	43-3730	Bracket Throttle Control	1
53	329-7	Screw - Cap Hex. Hd.	1
54	43-3760	Lever - Throttle	1
55	47-7420	Hose	1
56	43-4230	Hose	1

Ref. No.	Part No.	Description	No. Used
57	32153-2	Nut - Lock	1
58	63-1400	Belt Guide	1
59	3290-224	Washer - Lock	1
60	3234-18	Screw - Cap Hex. Hd.	1
61	3255-9	Washer - E.T.L.W.	1
62	5-0652	Spacer	2
63	33113-020	Screw - Cap Hex. Hd.	2
64	43-5930	Washer - Lock	2

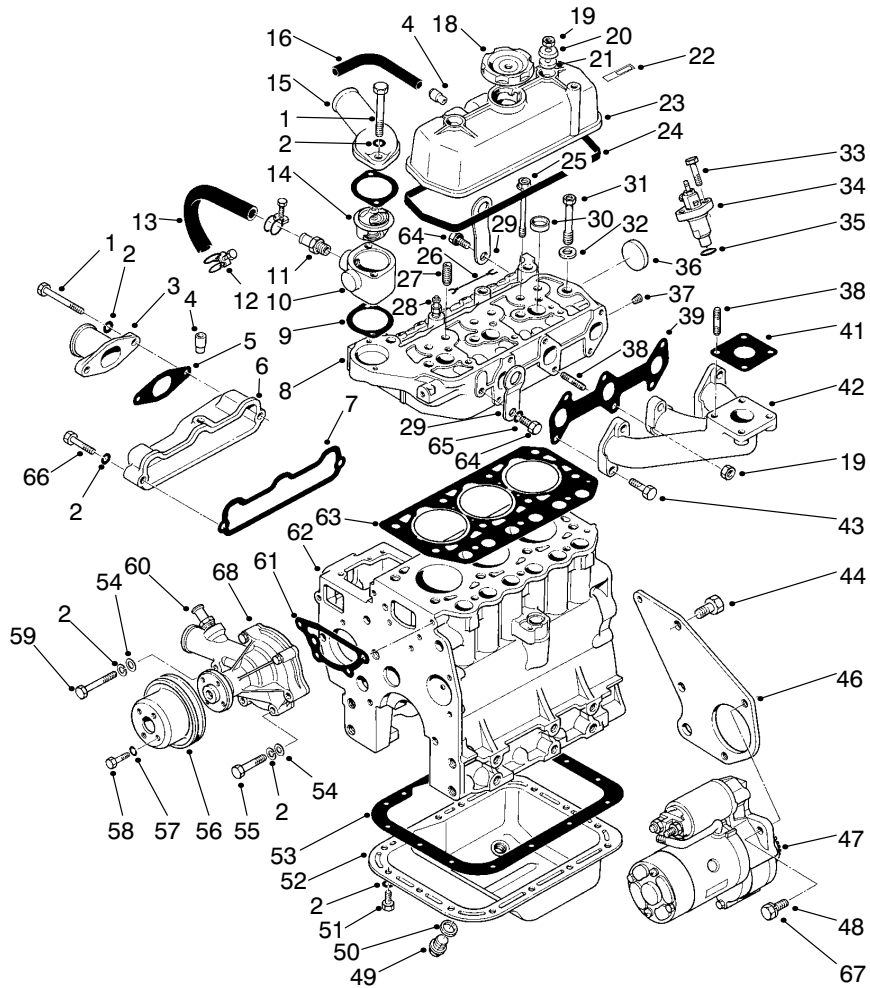


T-0430A

ENGINE ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	43-1911	Fan - Cooling	1	21	3253-4	Washer - Lock	5
2	43-3690	Fan - Shaft	1	22	77-3140	Engine Mount	1
3	3257-30	Key - Woodruff	2	23	32128-37	Nut - Lock Flange	2
4	43-3700	Hub - Fan	1	24	43-3200	Screw - Cap Hex. Hd.	4
5	38-7820	Bearing	2	25	48-9590	Washer - Lock	4
6	53-9750	Fan Mount	1	26	43-3530	Pulley Flywheel	1
7	3290-357	Nut - Lock Flange	8	27	324-11	Screw - Cap Hex. Hd.	2
8	43-3870	Support - Muffler	1	28	53-9480	Washer	2
9	3233-14	Bolt - Carriage	1	29	53-9680	Engine Mount - Rubber	2
10	43-3880	Pulley	1	30	42-6080	Shim	A/R
11	43-5910	V-Belt	1	31	3234-11	Screw - Cap Hex. Hd.	4
12	29-8910	Washer	2	32	66-7030	Screw - Cap w/Washer	2
13	32136-3	Nut - Hex. Slotted	2	33	3234-12	Screw - Lock Flange	2
14	3272-16	Pin - Cotter	2	34	42-9230	Screw - Cap Hex. Hd.	1
15	3-6803	Washer	A/R	35	3253-3	Washer - Lock	4
16	32128-23	Nut - Lock Flange	1	36	321-3	Screw - Cap Hex. Hd.	4
17	43-3850	Muffler	1	37	68-9110	Shim	A/R
18	66-5310	Idler Pulley	1	*	68-9111	Shim	A/R
19	66-5320	Spacer	1	*	68-9112	Shim	A/R
20	33014-00	Nut - Hex.	4				

* Not Illustrated

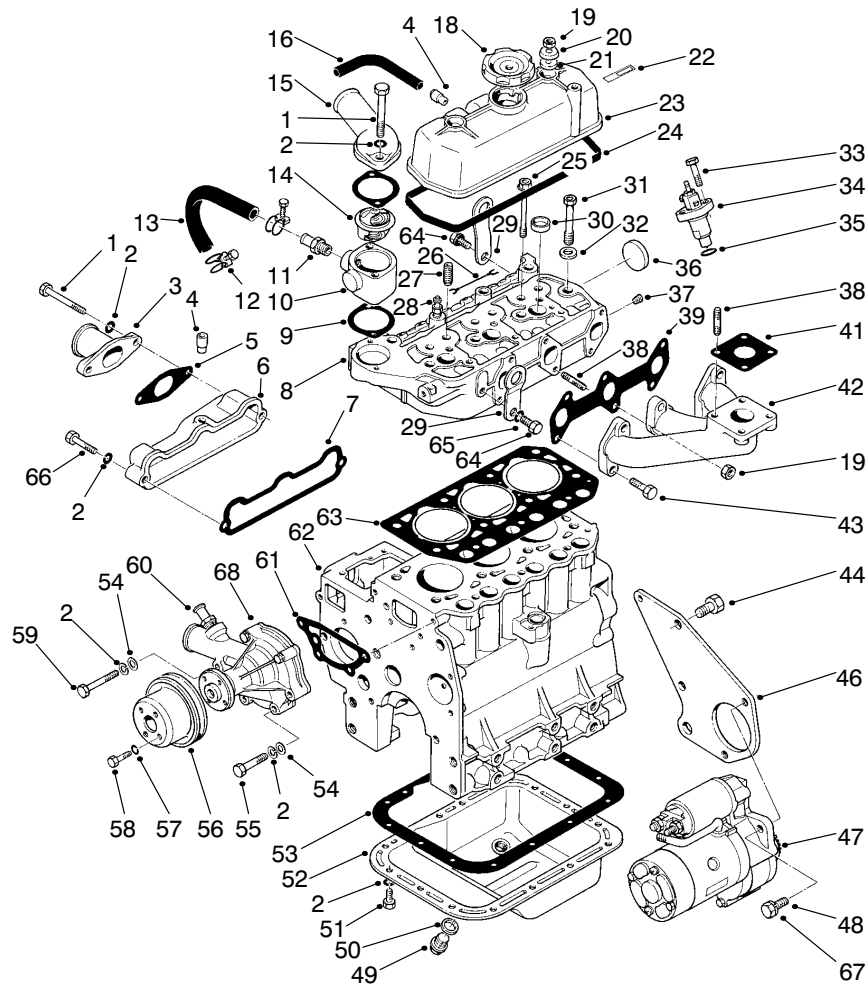


T-0431A

ENGINE ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	42-9310	Screw - Cap Hex. Hd.	4	26	42-9180	Wire - Glow Plug Lead	2
2	42-9850	Washer - Lock	24	27	42-7460	Guide - Valve	6
3	42-9150	Pipe Inlet	1	28	42-7480	Glow Plug	3
4	42-7510	Pipe	2	29	42-7440	Hanger - Engine	2
5	42-9160	Gasket - Inlet Pipe	1	30	42-7080	Cap - Sealing (25)	3
6	42-9120	Intake Manifold Assembly	1	31	42-9320	Bolt - Cylinder Head (12 x 98)	8
7	42-9140	Gasket - Intake Manifold	1	32	42-9790	Washer - Head Bolt	8
8	72-4290	Head Assembly - Cylinder	1	33	42-9390	Bolt (8 x 32)	6
‡*	93-1369	Head Assembly - Cylinder	1	34	44-8070	Nozzle & Holder Assembly	3
9	42-7550	Gasket	2	35	42-8120	Gasket - Nozzle Holder	3
10	43-1790	Fitting - Thermostat	1	36	42-7090	Cap - Sealing (45)	1
11	42-7740	Nipple - Hose	1	37	67-2570	Plug - Taper 1/8	1
12	43-3140	Clamp - Hose	2	38	42-9570	Stud (8 x 25)	5
13	43-3130	Hose - Water (Incl. Ref. #12)	1	39	42-9170	Gasket - Exhaust Manifold	1
14	93-3524	Thermostat	1	41	42-9110	Gasket	1
15	42-7540	Fitting - Water Outlet	1	42	43-1870	Manifold - Exhaust	1
16	93-3685	Pipe - Air Breather	1	43	42-9520	Screw - Cap (8 x 30)	5
18	42-7420	Cap - Oil Filter	1	44	42-9240	Screw - Cap (12 x 28)	3
19	33014-00	Nut - Hex.	3	46	43-1770	Plate - Rear	1
20	42-9800	Washer	2	47	46-7610	Starter Assembly	1
21	42-7490	Seal - Oil	2	48	43-0090	Screw - Cap (10 x 25)	2
22	42-7530	Label - Engine No.	1	49	42-9260	Plug - Oil Drain	1
23	42-7500	Cover Assembly - Rocker	1	50	42-7290	Gasket - Oil Drain Plug (18)	1
24	42-7520	Gasket - Rocker Cover	1	51	33114-016	Screw - Cap	15
25	93-3180	Bolt - Cylinder Head (10 x 90)	3	52	42-7280	Oil Pan Assembly (Incl. Ref. #49 & 50)	1

‡ For engines with Serial No. 86155 & up.

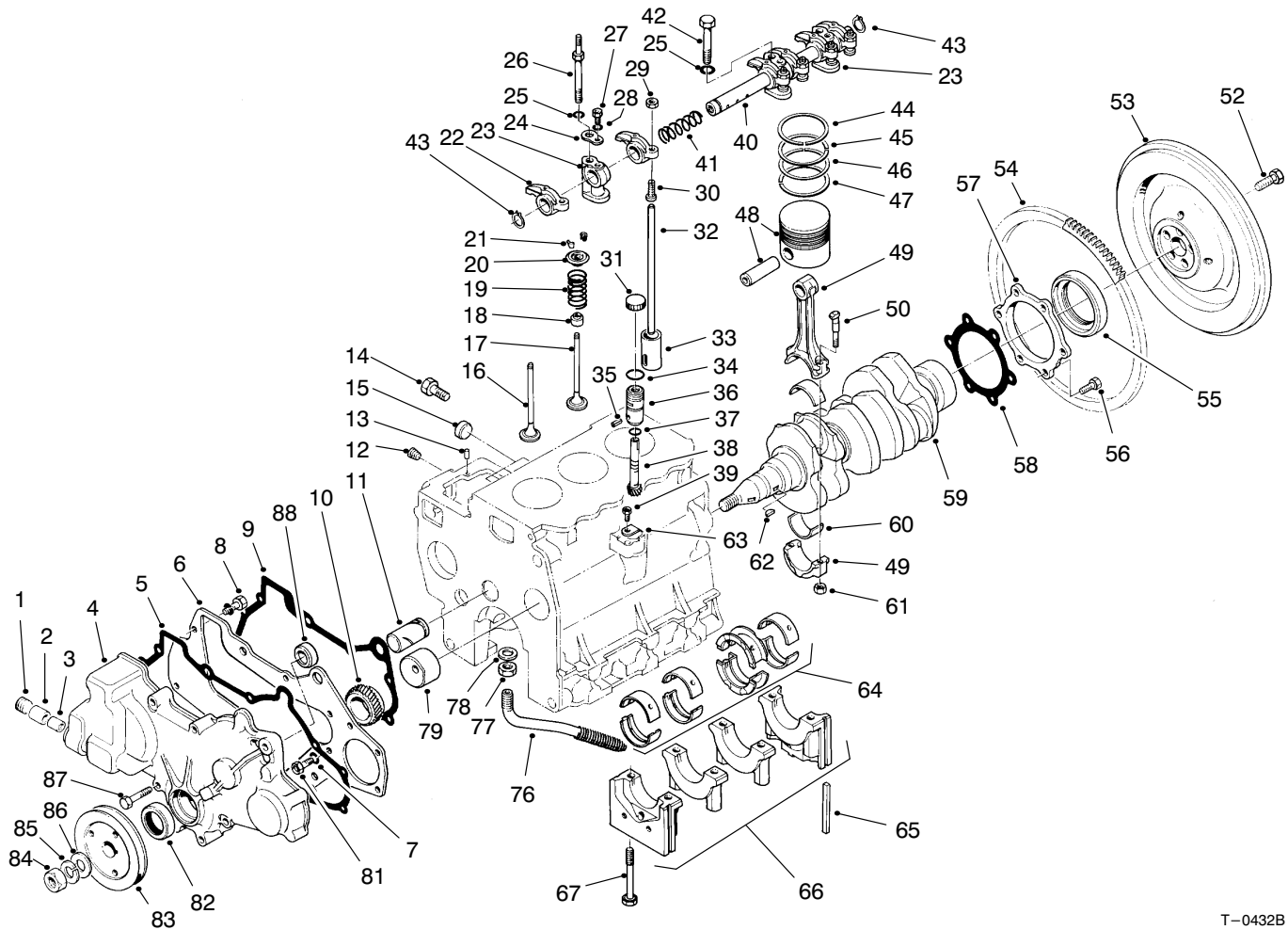


T-0431A

ENGINE ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
53	42-7300	Gasket - Oil Pan	1	62	48-2020	Cylinder Block Sub Assy.	1
54	42-9660	Washer - Plain (8)	4	63	42-7470	Gasket - Cylinder Head	1
55	42-9500	Screw - Cap (8 x 45)	3	64	42-9300	Screw - Cap (10 x 20)	2
56	42-9070	Pulley - Water Pump	1	65	48-9590	Washer - Lock	2
57	43-5930	Washer - Lock	4	66	42-9530	Screw - Cap (8 x 40)	1
58	42-9490	Screw - Cap (6 x 12)	4	67	48-9590	Washer - Lock	2
59	33114-060	Screw - Cap	1	68	93-3656	Gasket - Pump, Water	1
60	42-9080	Water Pump Assembly	1	*	42-9200	Complete Gasket Set	1
61	42-9090	Gasket - Water Pump	1				

* Not Illustrated

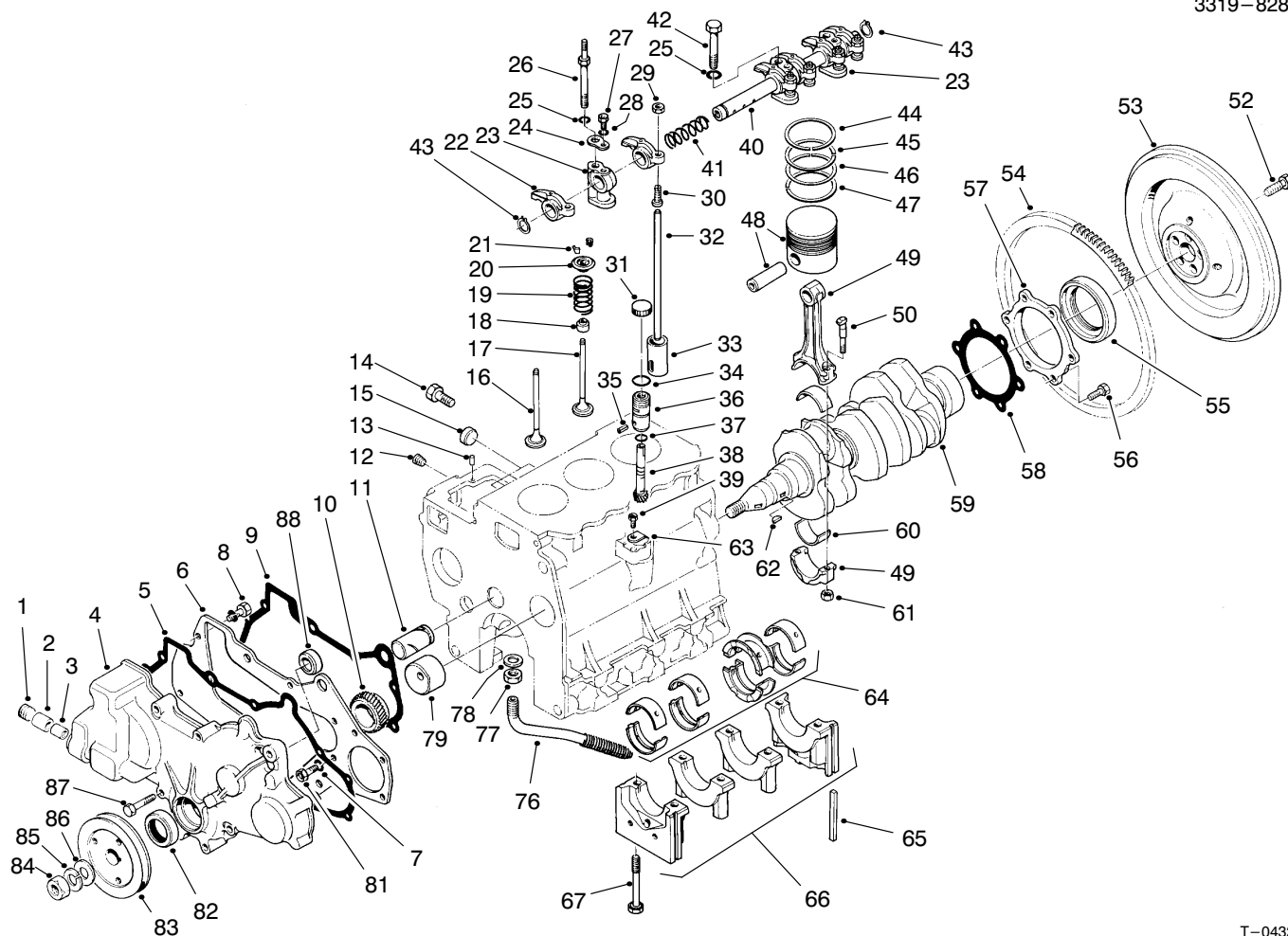


T-0432B

ENGINE ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	42-7400	Plug - Taper	1	26	42-9360	Bolt	2
2	42-7320	Bearing - Needle	1	27	42-9350	Screw - Cap Hex. Hd.	2
3	42-7310	Bearing - Needle	1	28	43-5930	Washer - Lock	2
4	93-3689	Case - Gear	1	29	42-9620	Nut - Jam	6
5	42-7340	Gasket - Gear Case	1	30	42-7980	Screw - Adjusting	6
6	62-3740	Plate - Front	1	31	93-3688	Cap - Shipping	1
7	42-9850	Washer - Lock	5	32	42-7920	Rod - Push	6
8	67-2340	Screw - Cap w/Washer	2	33	42-7890	Tappet	6
9	42-7150	Gasket - Front Plate	1	34	42-9010	O-Ring	1
10	42-7700	Gear - Crankshaft	1	35	42-8970	Pin - Spring	1
11	42-7110	Shaft - Idler	1	36	42-8980	Sleeve - Gear	1
12	67-2390	Plug - Taper	2	37	42-8990	O-Ring	1
13	56-0220	Pin - Dowel	2	†38		Gear - Driven	1
14	42-9250	Screw - Cap Hex. Hd.	4	39	42-9440	Screw - Cap Hex. Hd.	1
15	42-7080	Cap - Sealing	2	40	42-7960	Shaft Assembly - Rocker	1
16	93-1351	Valve - Intake	3	41	42-7930	Spring - Rocker Shaft L.H.	1
17	93-1352	Valve - Exhaust	3	42	42-9370	Screw - Cap Hex. Hd.	1
18	92-1961	Seal - Valve Stem	6	43	42-7990	Ring - Snap	2
19	42-7880	Spring - Valve	6	44	72-4200	Ring - Set - Piston Std.	3
20	42-7850	Retainer - Valve Spring	6	45	72-4210	Ring Set - Piston 0.25 (.010 in.) 0.5.	3
21	42-7860	Lock - Spring Retainer	12	46	72-4220	Ring Set - Piston 0.50 (.020 in.) 0.5.	3
22	42-7940	Arm - Rocker	6	47	72-4230	Ring Set - Piston 0.75 (.030 in.) 0.5.	3
23	42-7970	Stay - Rocker	3				
24	42-7950	Washer - Seat	2				
25	48-9590	Washer - Spring	3				

† Not Serviced Separately



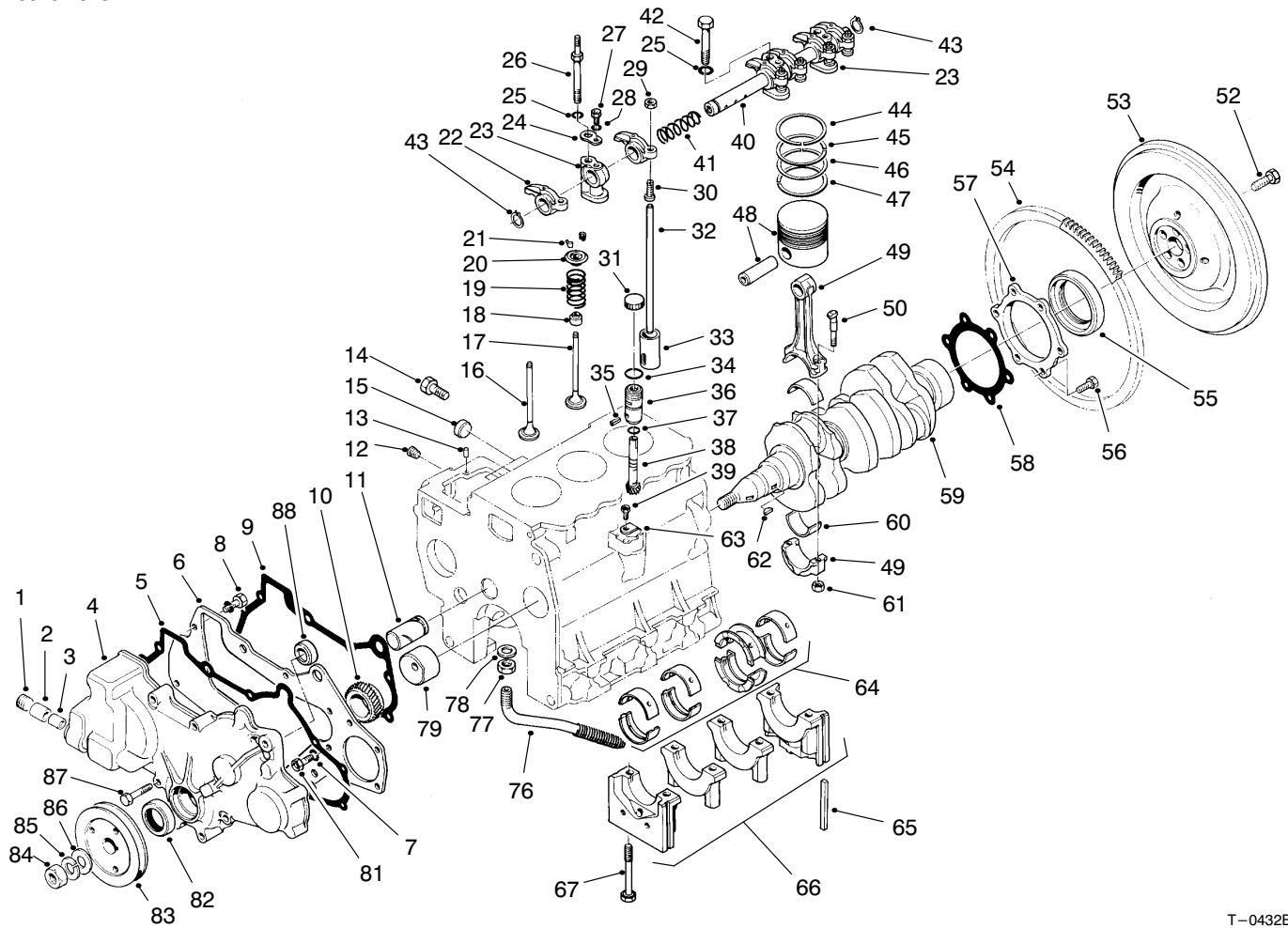
T-0432B

ENGINE ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
48	72-4240	Piston & Piston Pin Std.	3	*60	42-7690	Bearing Set	
*	72-4250	Piston & Piston Pin 0.25 (.010 in.) 0.5.	3			Connecting Rod 0.75 (.030 in.) U.S.	3
*	72-4260	Piston & Piston Pin 0.50 (.020 in.) 0.5.	3	61	42-9590	Nut - Connecting Rod	6
*	72-4270	Piston & Piston Pin 0.75 (.030 in.) 0.5.	3	62	42-7730	Key - Woodruff	2
49	42-7650	Connecting Rod Assembly	3	63	42-9020	Plate - Locking	1
50	67-2860	Bolt - Connecting Rod	6	64	93-3387	Bearing Set	
52	54-8670	Bolt - Flywheel	5			Crankshaft Std.	1
53	43-1800	Flywheel		*	42-7240	Bearing Set - Crankshaft 0.25 (.010 in.) U.S.	1
		(Incl. Ref. #54)	1	*	93-3388	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		78	48-1980	Gasket	1
		Connecting Rod Std.	3	79	42-7100	Bushing - Camshaft	1
*	42-7670	Bearing Set		81	42-9230	Screw - Cap Hex. Hd.	3
		Connecting Rod 0.25 (.010 in.) U.S.	3	82	42-7390	Seal - Oil	1
*	42-7680	Bearing Set		83	42-7720	Pulley - Crankshaft	1
		Connecting Rod 0.50 (.020 in.) U.S.	3	84	43-6470	Nut	1
				85	42-9860	Washer - Spring	1

* Not Illustrated

† Not Available



T-0432B

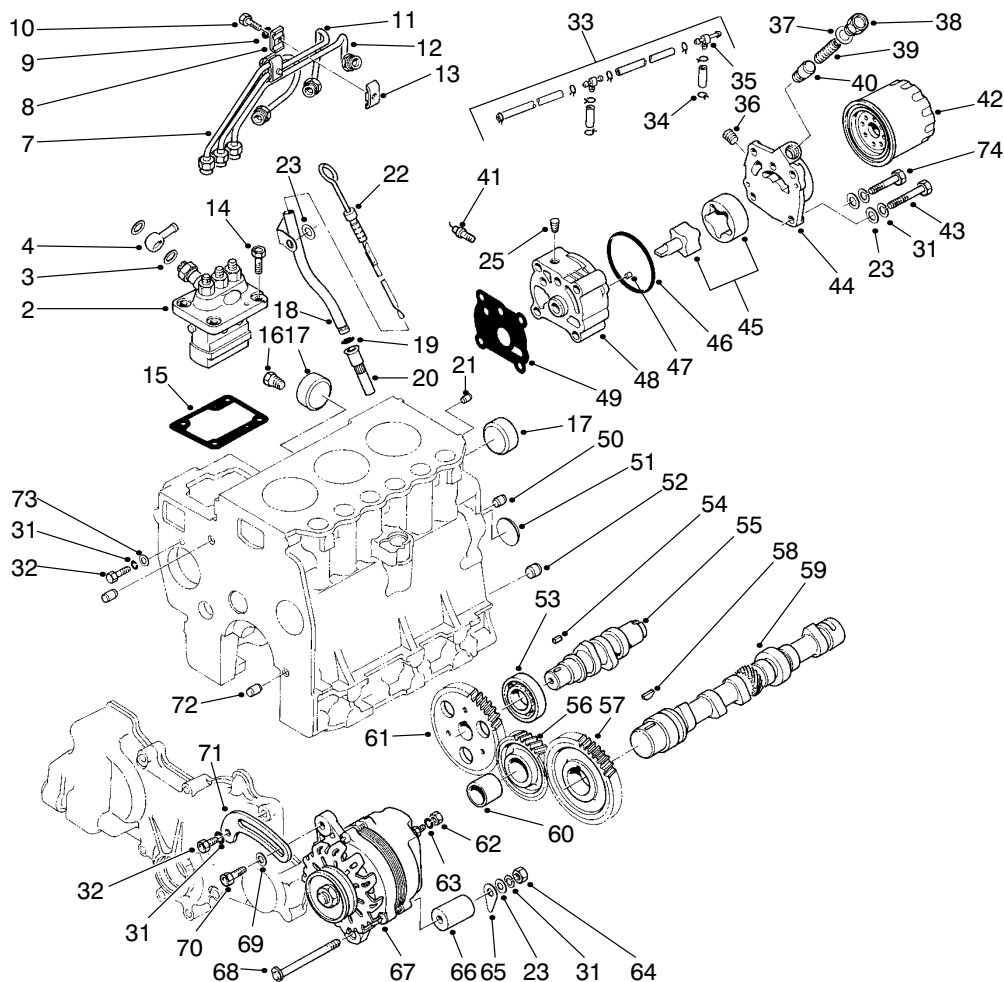
ENGINE ASSEMBLY (Continued)

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



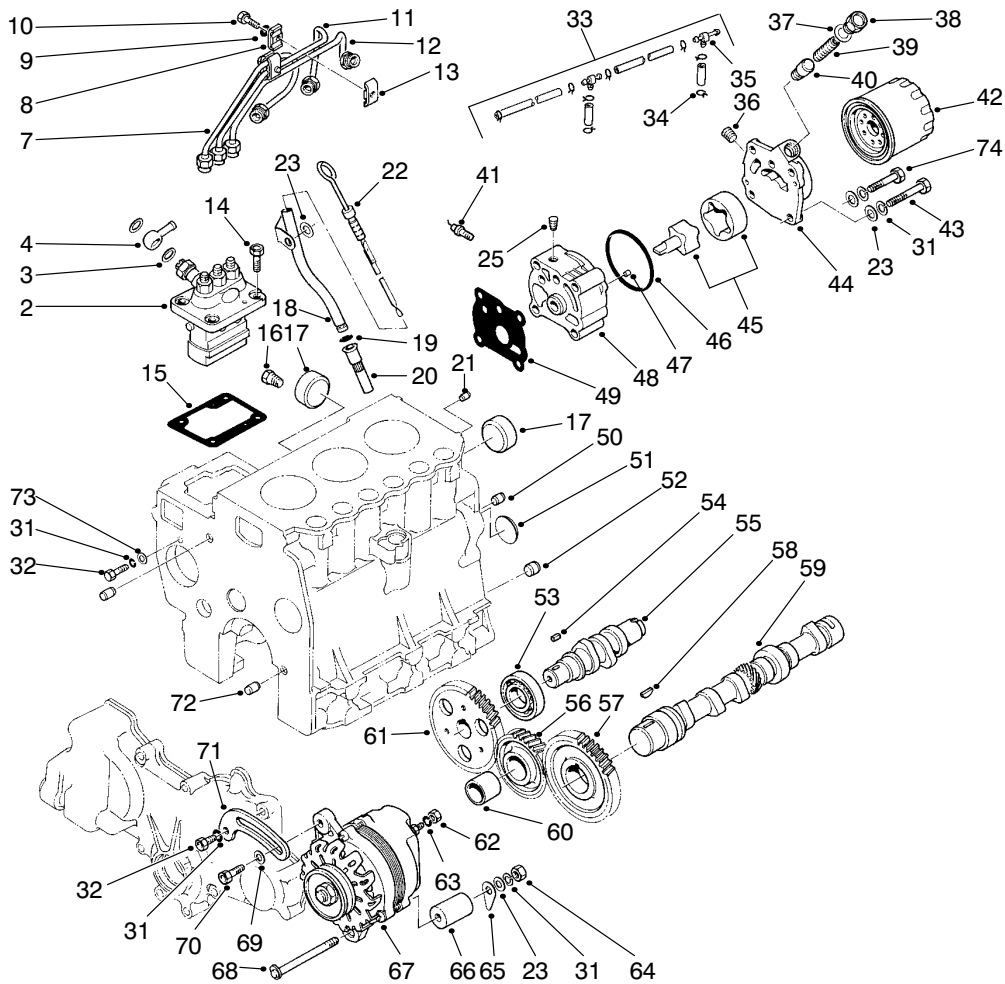
T-0433-3

ENGINE ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
2	42-8000	Pump Assy. - Fuel Injection (Used on Serial No. 50001-60151)	1	15	42-8030	Shim - 0.4 (.016 in.)	A/R
†2		Pump Assy. - Fuel Injection (Used on Serial No. 60152 & Up)	1	*	42-8040	Shim - 0.5 (.020 in.)	A/R
3	42-9830	Washer - Seal	2	*	42-8050	Shim - 0.6 (.024 in.)	A/R
4	42-8100	Collar - Union	1	*	42-8060	Shim - 0.7 (.028 in.)	A/R
7	42-8130	Pipe Assy. - Fuel Injection (No. 1)	1	*	42-8070	Shim - 0.8 (.032 in.)	A/R
8	56-0750	Clamp	2	*	42-8080	Shim - 0.9 (.036 in.)	A/R
9	43-5930	Washer - Lock	1	*	42-8090	Shim - 1.0 (.039 in.)	A/R
10	46-2600	Capscrew	2	16	281-1	Plug - Taper	1
11	42-8140	Pipe Assy. - Fuel Injection (No. 2)	1	17	42-7090	Cap - Sealing	2
12	42-8150	Pipe Assy. - Fuel Injection (No.3)	1	18	42-7050	Guide - Oil Level Gauge	1
13	56-0760	Clamp	2	19	43-2710	O-Ring	1
14	63-3160	Screw - Cap Hex. Hd. (Used on Serial No. 50001-60151)	4	20	72-6950	Retainer - Oil Level Guide	1
†14		Screw - Cap Hex. Hd. (Used on Serial No. 60152 & Up)	3	21	42-7160	Pin - Dowel	1
15	42-8010	Shim - 0.2 (.008 in.)	A/R	22	42-7270	Gauge Assembly - Oil Level	1
*	42-8020	Shim - 0.3 (.012 in.)	A/R	23	42-9660	Washer - Flat	6
*	42-8030	Shim - 0.4 (.016 in.)	A/R	25	67-2570	Plug - Taper	1
				31	42-9850	Washer - Lock	7
				32	42-9230	Screw - Cap Hex. Hd.	2
				33	42-8180	Fuel Return Pipe Assembly	1
				34	2412-79	Clamp - Hose	8
				35	42-8190	Joint	2
				36	67-2390	Plug - Taper	1
				37	42-7290	Gasket	1
				38	67-2520	Plug	1
				39	42-8930	Spring - Relief	1
				40	67-2500	Plunger - Relief	1
				41	56-1310	Oil Pressure Switch Assy.	1

* Not Illustrated

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



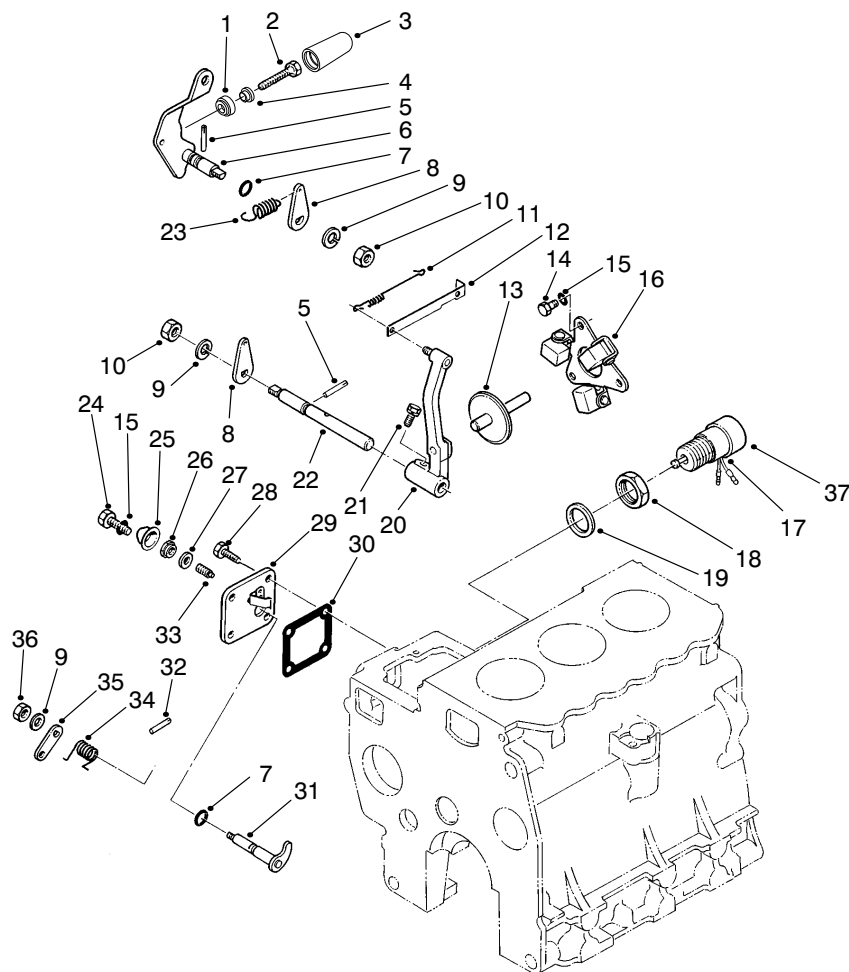
T-0433-3

ENGINE ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
42	67-4330	Filter Assembly - Oil	1
43	42-9480	Screw - Cap Hex. Hd.	3
44	42-8920	Cover - Oil Pump	1
45	42-8910	Rotor Assembly - Oil Pump	1
46	42-8940	O-Ring	1
47	93-3657	Pin - Dowel	2
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
52	42-7200	Bushing - Knock	1
53	93-3409	Bearing - Ball	1
54	42-7840	Key - Sunk	1
55	42-7810	Shaft - Injection Pump Cam	1
56	42-7790	Idler Gear Assembly (Incl. Ref. #60)	1
57	42-7780	Gear - Camshaft	1
58	42-7730	Key - Woodruff	1
59	72-4280	Camshaft	1
60		Bushing - Idler Gear	1

Ref. No.	Part No.	Description	No. Used
61	42-7830	Gear - Injection Pump Cam	1
62	43-5970	Nut	1
63	43-5920	Washer - Lock	1
64	33014-00	Nut - Hex.	1
65	43-0370	Shim	AIR
66	43-0380	Spacer	1
67	43-0390	Alternator (Model AH2035M4)	1
68	43-1900	Screw - Cap Hex. Hd.	1
69	54-8660	Washer	1
70	67-4660	Screw - Cap Flange Hd.	1
71	43-0400	Brace - Alternator	1
72	42-7190	Bushing - Knock	2
73	42-9820	Washer	1
74	56-2120	Screw - Hex. Hd.	1
*	42-8850	Oil Pump Assembly (Incl. Ref. #36-40 & 44-48)	1
*	95-3092	Kit - 400 Hour Filter (Incl. Ref. #42)	1

* Not Illustrated

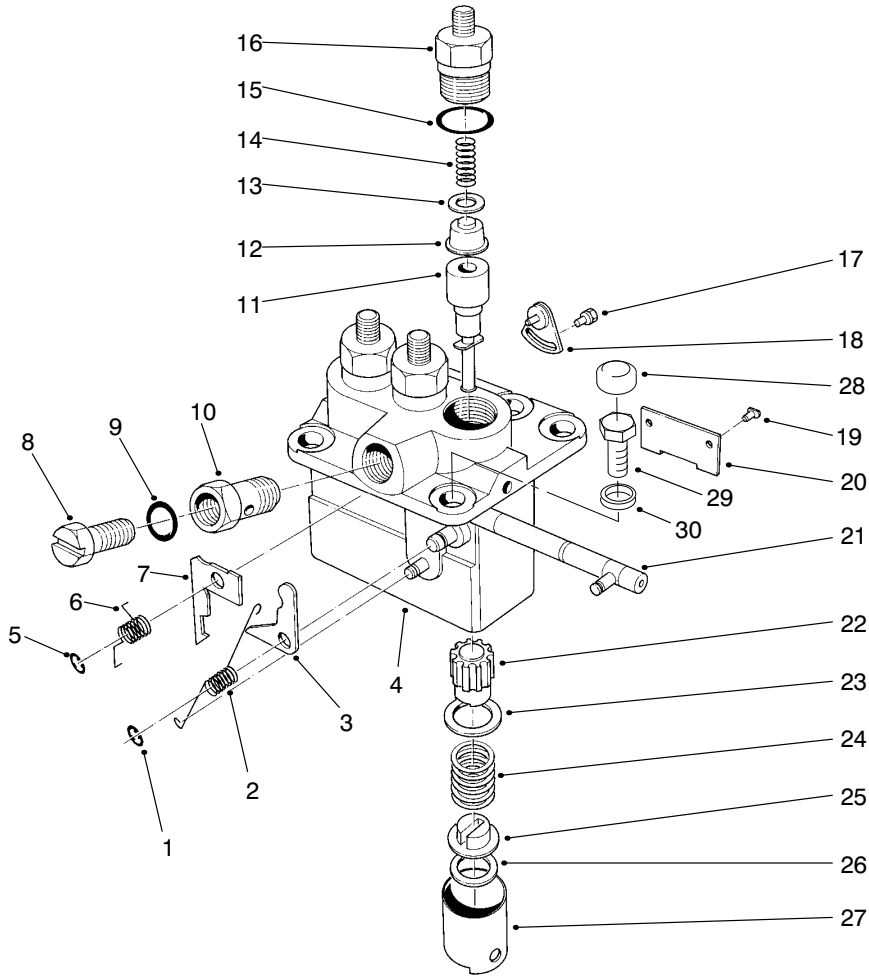


T-2434

ENGINE ASSEMBLY (Continued)

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

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



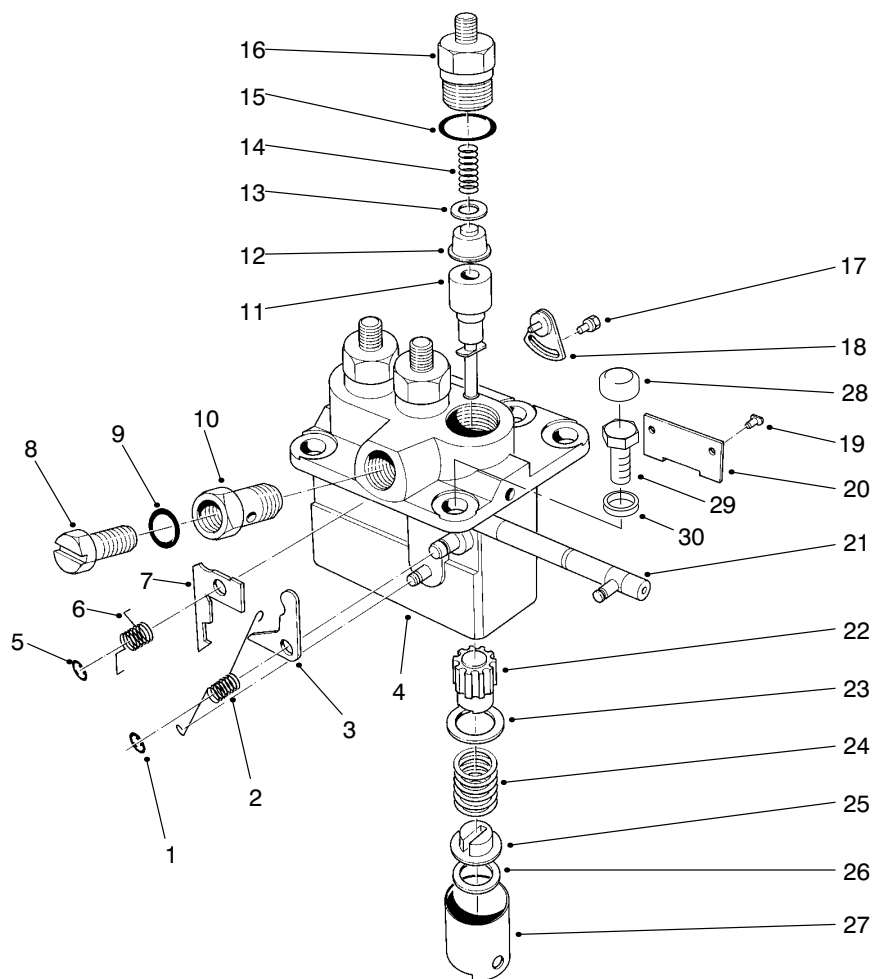
T-2435

FUEL INJECTION PUMP ASSEMBLY

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

Ref. No.	Part No.	Description	No. Used
7	43-3020	Plate - Smoke Set 2.6 (.102 in.) Mark 63	A/R
*	95-1573	Plate - Smoke Set 1.2 (.047 in.) Mark 49	A/R
*	95-1574	Plate - Smoke Set 1.3 (.051 in.) Mark 50	A/R
*	95-1576	Plate - Smoke Set 1.4 (.055 in.) Mark 51	A/R
*	56-0900	Plate - Smoke Set 1.5 (.059 in.) Mark 52	A/R
*	56-0990	Plate - Smoke Set 1.6 (.063 in.) Mark 53	A/R
*	56-0910	Plate - Smoke Set 1.7 (.067 in.) Mark 54	A/R
*	56-1000	Plate - Smoke Set 1.8 (.071 in.) Mark 55	A/R
*	56-0920	Plate - Smoke Set 1.9 (.075 in.) Mark 56	A/R
*	56-0930	Plate - Smoke Set 2.0 (.079 in.) Mark 57	A/R
*	43-3000	Plate - Smoke Set 2.1 (.083 in.) Mark 58	A/R
*	54-8770	Plate - Smoke Set 2.2 (.087 in.) Mark 59	A/R
8	42-8370	Screw - Air Breather	1

* Not Illustrated



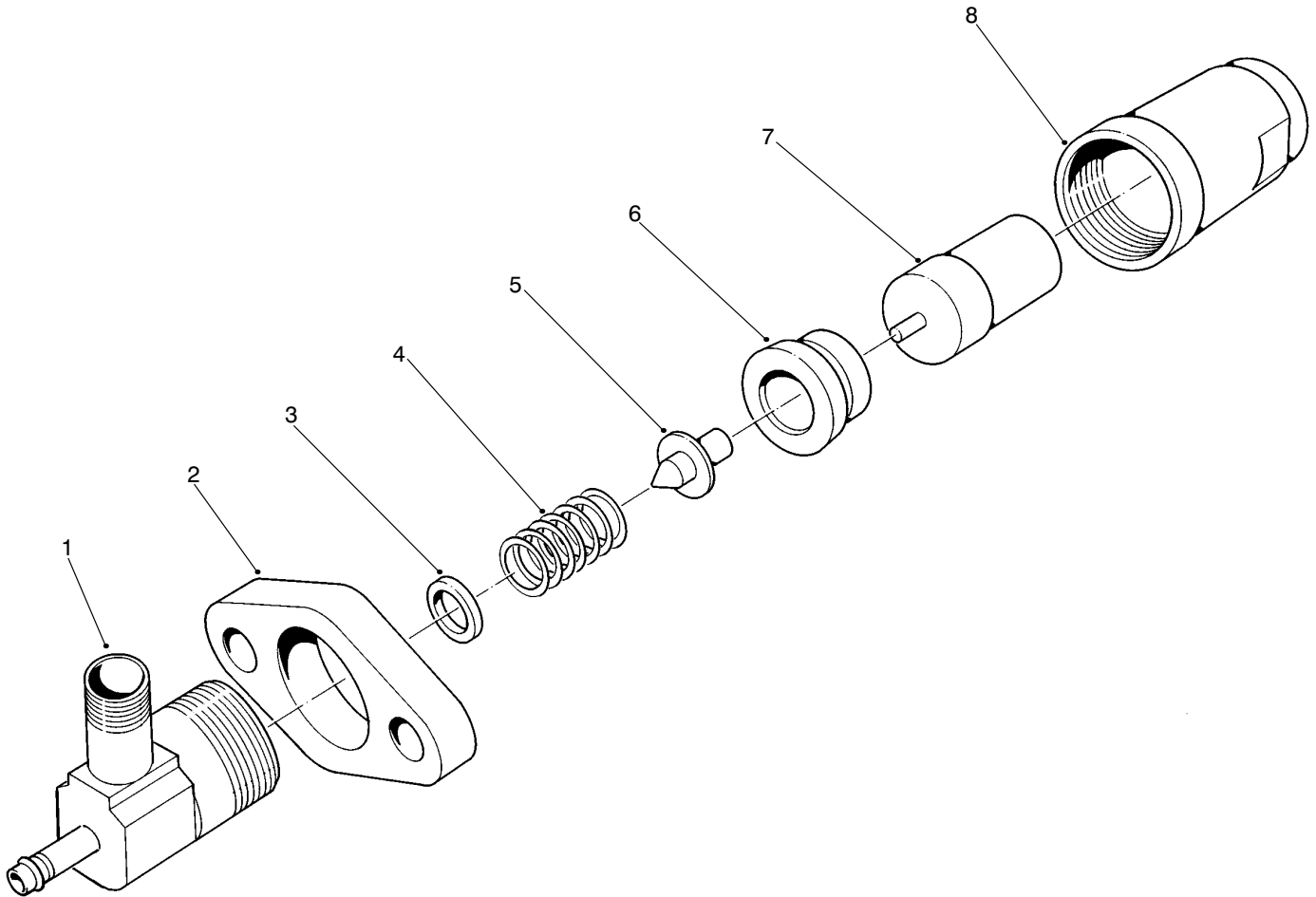
T-2435

FUEL INJECTION PUMP ASSEMBLY (Cont.)

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

* Not Illustrated

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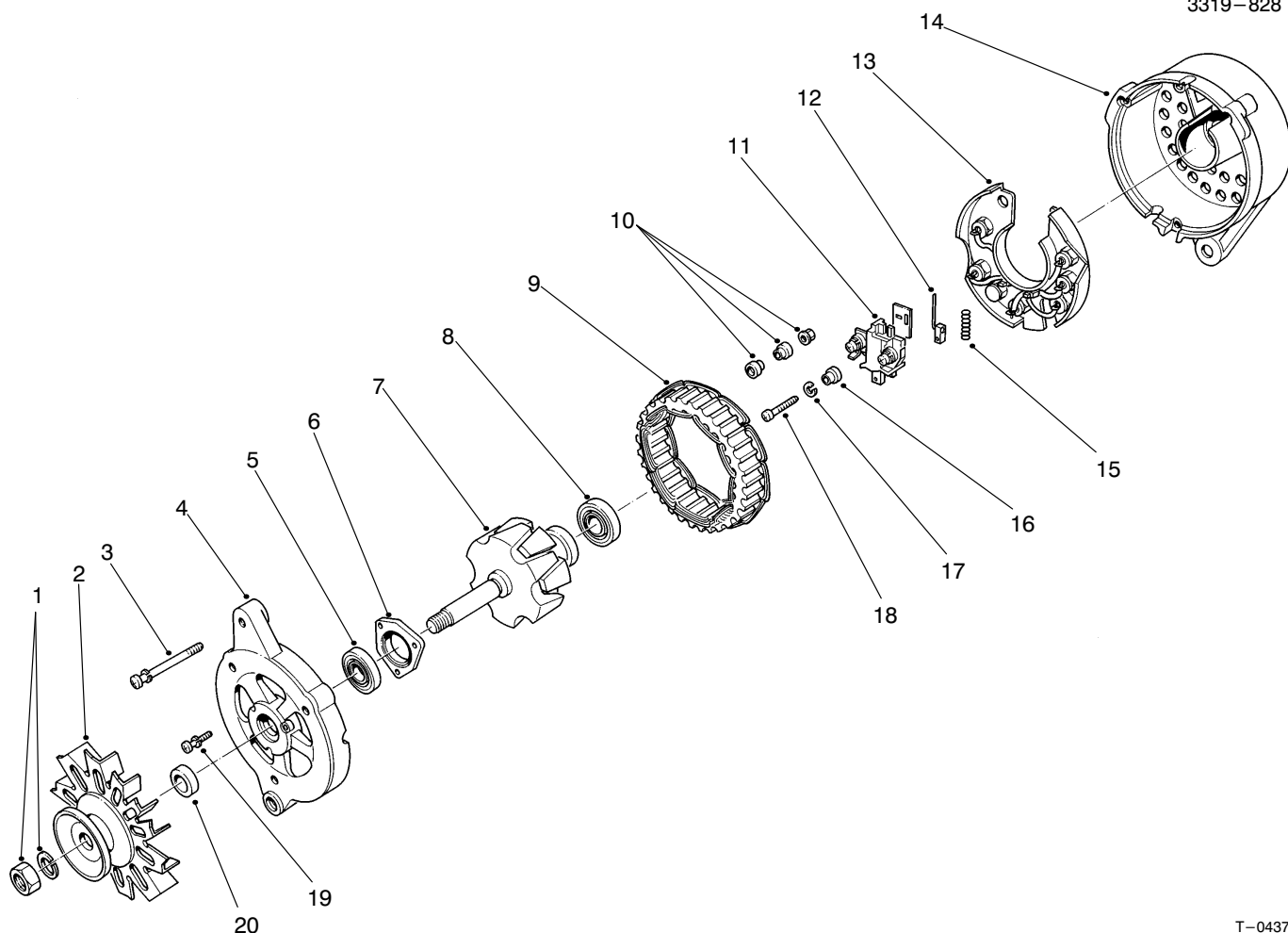
T-0436A

NOZZLE & HOLDER ASSEMBLY NO. 44-8070

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

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

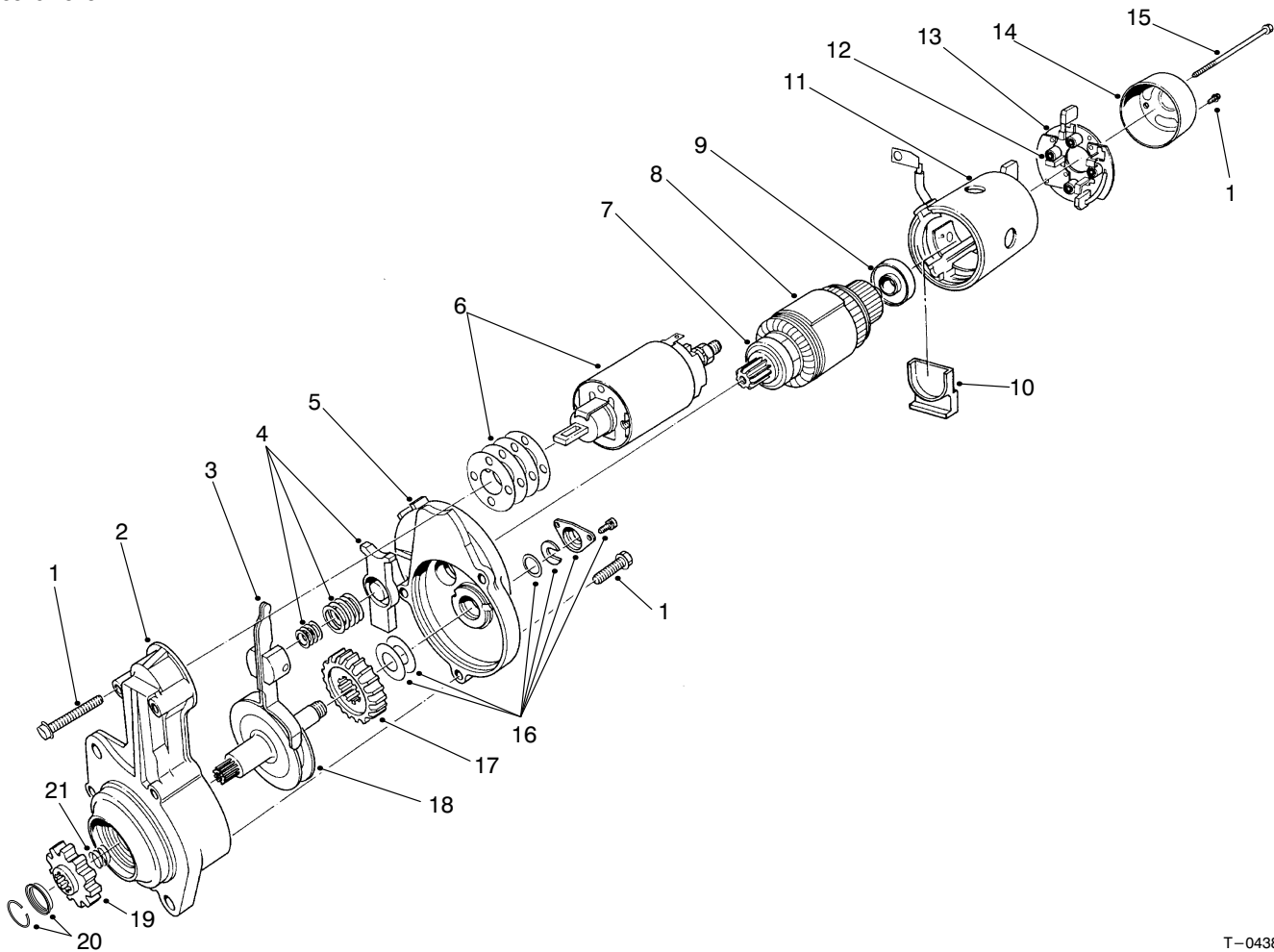
* Not Illustrated



T-0437

ALTERNATOR ASSEMBLY NO. 43-0390

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



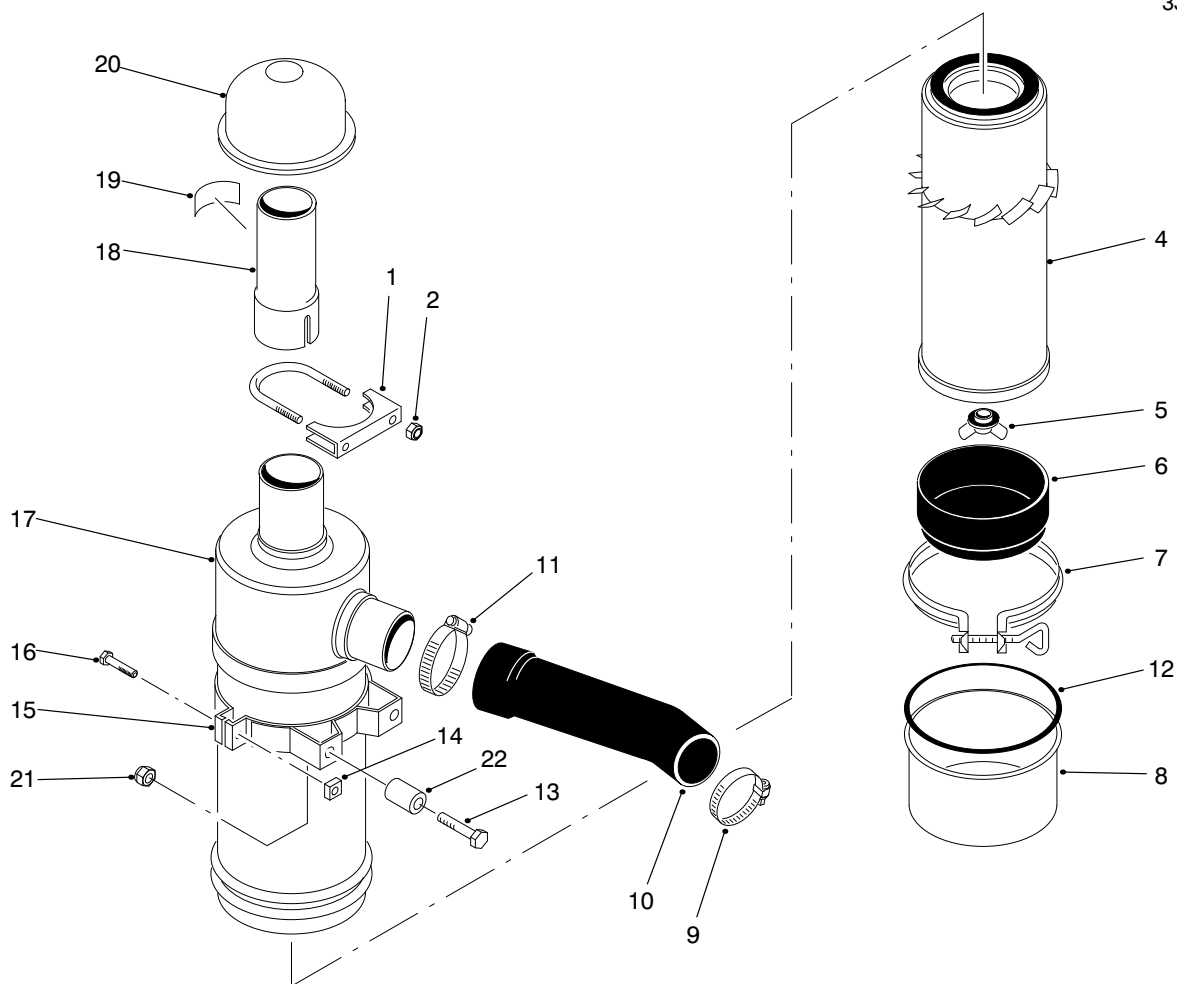
T-0438-3

STARTER ASSEMBLY NO. 46-7610

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

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

* Not Illustrated

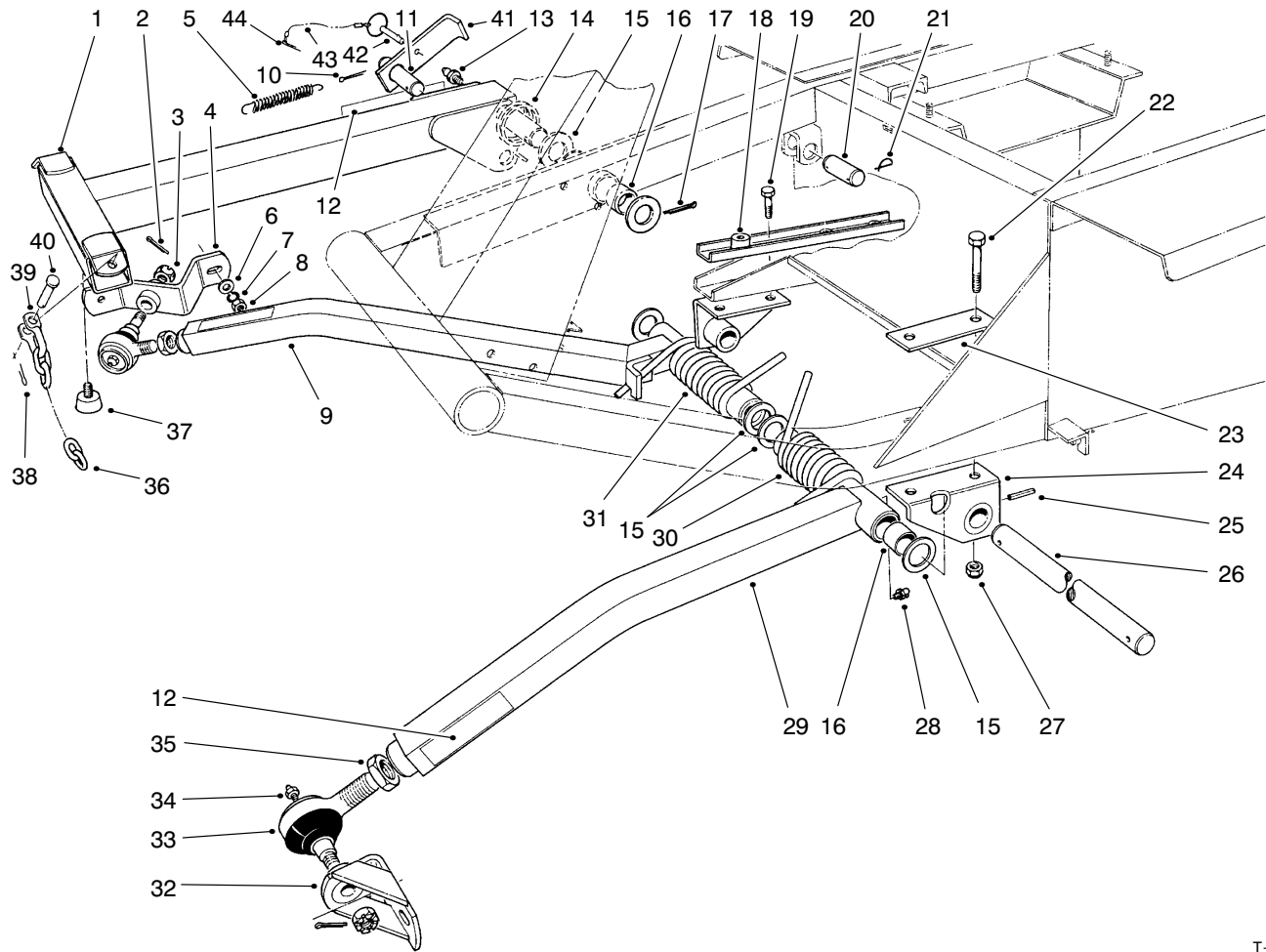


T-1188-2

AIR CLEANER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	20-4840	Muffler Clamp (Incl. Ref. #2)	1
2	3217-6	Nut	2
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	95-1836	Hose - Air Cleaner	1
11	2412-42	Hose Clamp	1
12	80-3330	Gasket	1
13	322-10	Screw - Cap Hex. Hd.	4

Ref. No.	Part No.	Description	No. Used
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	93-7275	Decal - Starting Fluid	1
20	27-7180	Cap Assembly - Air Inlet	1
21	3296-29	Nut - Lock	4
22	77-3180	Spacer	4
*	95-3092	Kit - 400 Hour Filter (Incl. Ref. #4)	1



T-2414

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	93-6696	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	93-7040	Support - Reinforcement	1
19	324-4	Screw - Cap Hex. Hd.	2
20	3-7292	Pin	1
21	5-3126	Pin - Spring	3
22	324-11	Screw - Cap Hex. Hd.	2

Ref. No.	Part No.	Description	No. Used
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	68-3270	Bumper	1
38	3272-10	Pin - Cotter	3
39	5-2942	Shackle	3
40	283-10	Pin	3
41	93-7650	Lever - Locking	1
42	93-7644	Pin - Hitch	1
43	28-8070	Lanyard	1
44	3272-7	Pin - Cotter	1

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Part No.	Description	Pg. No.	Ref. No.	Qty.	Part No.	Description	Pg. No.	Ref. No.	Qty.
3-1365	Chain - Lift	54	36	3	21-8360	Clip - Retaining	20	10	2
3-6498	Washer	10	18	A/R	21-8590	Link - Valve Lever	33	27	1
3-6657	Clip	9	31	2	21-8620	Lever Valve	33	2	1
3-6803	Washer	39	15	A/R	21-8640	Latch - Valve Lever	33	7	1
3-7243	Spring - Extension	12	13	2	21-9010	Pivot Mount - Valve Lever	33	11	1
3-7292	Pin	54	20	1	21-9260	Cover - Dust	14	4	1
3-8812	Spacer	10	19	1	21-9370	Screw - Adjusting	20	7	2
4-2390	Washer	38	49	2	21-9380	Nut - Pivot	20	8	2
5-0652	Spacer	10	37	1	21-9390	Socket - Adjusting Screw	20	6	2
5-0652	Spacer	38	62	2	21-9420	Spring - Shoe Return L.H.	20	17	2
5-0701	Spring Anchor	10	52	1	21-9430	Spring - Shoe Return R.H.	20	18	2
5-0838	Washer - Flat	7	58	3	21-9440	Spring - Adjusting Screw	20	14	2
5-1226	Washer	27	35	A/R	21-9450	Dust Shield	20	4	2
5-1226	Washer	21	42	A/R	21-9460	Retainer - Brake Lever	20	15	4
5-1747	Spring	10	21	1	22-7810	Spacer	17	19	1
5-1754	Washer	54	15	6	22-7820	Buzzer Assembly	4	36	1
5-2942	Shackle	54	39	3	22-8330	Plug	36	1	2
5-3126	Pin - Spring	54	21	3	22-8340	Spring	36	3	2
5-3637	Washer	37	17	1	22-8350	Ball	36	4	2
6-1659	Toggle Switch	4	19	1	22-8360	Pin - Cam	36	6	2
11-0590	Screw - Hex. Hd. Tapping	12	5	2	22-8370	Seat - Check Valve	36	5	2
11-0590	Screw - Self Tapping	6	44	2	22-8380	Spring Retainer	36	10	1
12-5450	Screw - Thread Forming	18	13	8	22-8390	Spring Retainer	36	12	1
12-9990	Hour Meter	4	40	1	22-8400	Spacer Float	36	13	1
14-4149	Hood	7	55	1	22-8410	Spring	36	11	1
18-1720	Ball Joint Assembly	37	3	2	22-8420	Spool	36	8	1
18-2770	Cable - Ground	2	53	1	22-8480	Spring Ring Spool	36	14	1
20-4840	Muffler Clamp	53	1	1	22-8490	Snap Ring	36	15	1
21-0141	Socket Assembly R.H.	12	26	1	22-8500	O-Ring	36	9	2
21-0230	Pulley P.T.O.	10	13	1	23-2240	Rod - Pump Control	12	17	1
21-0400	Spring - Compression	10	48	1	23-2270	Bushing - Rubber	12	16	1
21-1600	Clamp P.T.O. Lever	11	54	1	23-5180	Dipstick	17	41	1
21-1820	Stud - Belt Retainer	37	42	2	23-7270	Nut - Wheel	17	32	10
21-1830	Spring - Tension	10	50	2	23-9740	Filter - Oil	29	41	1
21-1830	Spring Tension	54	5	1	24-6390	Stud - Battery Hold Down	1	16	2
21-1880	Grip - Handle	14	35	1	24-6420	Hold Down - Battery	1	21	1
21-1880	Grip Handle	10	1	1	24-8790	Gear - Bevel, Diff. Side	18	5	2
21-2660	Footrest	1	6	1	24-8840	Ring - Wheel Bearing	20	22	2
21-2760	Pad - Foot Rest L.H.	2	48	1	24-9180	Strut & Lever Parking Brake	20	19	2
21-2770	Pad - Foot Rest R.H.	1	4	1	24-9510	Pin	54	11	1
21-2850	Mount - R.H. Pedal	12	4	1	24-9740	Cover - Access Battery	1	32	1
21-2860	Push Arm Bracket	54	24	2	24-9830	Support - Axle	19	44	1
21-2890	Spring - Torsion R.H.	54	31	1	25-2380	Thrust Plate	32	50	2
21-2900	Spring - Torsion L.H.	54	30	1	25-2390	Motor Valve Plate	32	57	1
21-2960	Push Arm L.H.	54	29	1	25-2400	Gasket	32	59	1
21-2990	Shaft - Pivot	54	26	1	25-2410	Accel. Valve Assembly	31	17	2
21-3000	Nut - Jam	54	35	2	25-2430	Dowel Pin	32	52	2
21-3020	Ball Joint Mount R.H.	54	4	1	25-2440	Pump Valve Plate	32	51	1
21-3050	Ball Joint Mount L.H.	54	32	1	25-2450	Variable Washplate	31	48	1
21-3370	Cable - R.H. Brake	12	*	1	25-2460	Plug - Hex. Hd.	31	28	2
21-3380	Cable - L.H. Brake	12	15	1	25-2470	Shim Pack	31	29	2
21-3600	Foam - Tank Support	17	3	1	25-2480	Valve Spring	31	44	1
21-3610	Foam - Tank Support	17	21	1	25-2490	Ball	31	9	2
21-3750	Support Plate	54	23	1	25-2500	Trunnion Shaft	31	43	1
21-7670	Case - Differential	19	35	1	25-2510	Washer - Flat	31	25	2
21-7690	Gear - Pinion	18	6	2	25-2530	Headless Straight Pin	31	39	1
21-7700	Shaft - Pinion, Mate	19	33	1	25-2550	Charge Pump Housing	31	34	1
21-7720	Washer - Thrust	18	4	2	25-2570	Valve Spring	31	30	1
21-7730	Washer - Thrust	18	7	2	25-2580	Trunnion Shaft	31	26	1
21-7770	Screw - Gear, Drive	19	34	5	25-2610	Accel. Valve Spring	31	16	1
21-7830	Cover - Gear	18	12	1	25-2630	Back-Up Ring	31	14	1
21-8020	Spacer - Bearing, Pinion Ft.	19	27	1	25-2640	Valve Spring	31	8	2
21-8090	Shim .003 - Diff. Adjust.	19	40	A/R	25-2650	Check Valve Plug	31	6	2
21-8100	Shim .005 - Diff. Adjust.	19	39	A/R	25-2680	Gerotor Assembly	31	38	1
21-8110	Shim .010 - Diff. Adjust.	19	38	A/R	25-3180	Check Valve Kit	31	11	2
21-8120	Shim .030 - Diff. Adjust.	19	37	A/R	25-3190	Charge Pump	31	40	1
21-8180	Bearing	20	3	2	25-3210	Lip Seal	31	24	2
21-8270	Pin - Dowel	18	3	2	25-8640	Screw - Machine	37	10	1

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TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.	Part No.	Description	Pg. No.	Ref. No.	Qty.
26-6740	Temperature Reset Relay	4	18	1	42-7240	Bearing Set - Crankshaft	43	*	1
26-6750	Engine Temperature Gauge	4	15	1	42-7260	Bearing Set - Crankshaft	43	*	1
27-1960	Hub - Engine	37	37	1	42-7270	Gauge Assembly - Oil Level	45	22	1
27-2360	Key Switch	4	10	1	42-7280	Oil Pan Assembly	40	52	1
27-7100	Air Cleaner Assembly	53	17	1	42-7290	Gasket	45	37	1
27-7110	Element Assembly	53	4	1	42-7290	Gasket - Oil Drain Plug (18)	40	50	1
27-7120	Nut & Gasket Assembly	53	5	1	42-7300	Gasket - Oil Pan	41	53	1
27-7130	Clamp Assembly	53	7	1	42-7310	Bearing - Needle	42	3	1
27-7140	Skirt - Baffle	53	6	1	42-7320	Bearing - Needle	42	2	1
27-7150	Cup Assembly	53	8	1	42-7340	Gasket - Gear Case	42	5	1
27-7170	Band Assy.	53	15	2	42-7390	Seal - Oil	43	82	1
27-7180	Cap Assembly - Air Inlet	53	20	1	42-7400	Plug - Taper	42	1	1
27-7320	Decal - Traction Pedal	3	13	1	42-7420	Cap - Oil Filter	40	18	1
27-7370	Brake Assembly P.T.O.	10	25	1	42-7440	Hanger - Engine	40	29	2
27-7490	Pedal - L.H. Brake	12	41	1	42-7460	Guide - Valve	40	27	6
27-7510	Pedal - R.H. Brake	12	42	1	42-7470	Gasket - Cylinder Head	41	63	1
27-7590	Mount - Brake	12	34	1	42-7480	Glow Plug	40	28	3
27-7640	Shaft - Brake Latch	12	36	1	42-7490	Seal - Oil	40	21	2
27-7900	Screw - Adjusting	10	35	1	42-7500	Cover Assembly - Rocker	40	23	1
27-8550	Pedal - Parking Brake	12	45	1	42-7510	Pipe	40	4	2
27-9270	Mount - Brake Pivot Shaft	12	35	1	42-7520	Gasket - Rocker Cover	40	24	1
28-0650	Shaft - Flanged, Axle	20	1	2	42-7530	Label - Engine No.	40	22	1
28-0670	Seal - Oil	20	13	2	42-7540	Fitting - Water Outlet	40	15	1
28-0680	Brake Drum	20	11	2	42-7550	Gasket	40	9	2
28-1280	Boot - Cable	1	19	1	42-7650	Connecting Rod Assembly	43	49	3
28-5220	Wheel - Friction	12	25	1	42-7660	Bearing Set	43	60	3
28-8070	Lanyard	54	43	1	42-7670	Bearing Set	43	*	3
28-9570	Lever - Pump	29	3	1	42-7680	Bearing Set	43	*	3
29-6120	Plate - Pump	30	56	1	42-7690	Bearing Set	43	*60	3
29-6150	Spring - Leaf	30	55	1	42-7700	Gear - Crankshaft	42	10	1
29-6163	Switch - Micro	29	4	1	42-7710	Crankshaft	43	59	1
29-6170	Spring - Leaf, Extended	30	54	1	42-7720	Pulley - Crankshaft	43	83	1
29-8910	Washer	39	12	2	42-7730	Key - Woodruff	46	58	1
31-0390	Disc - Friction	14	31	1	42-7730	Key - Woodruff	43	62	2
33-2570	Radiator Assembly	6	19	1	42-7740	Nipple - Hose	40	11	1
33-4380	Hub - Pump	29	23	1	42-7780	Gear - Camshaft	46	57	1
37-8770	Bolt - Shoulder	37	4	1	42-7790	Idler Gear Assembly	46	56	1
37-9550	Strap - Fuel Tank	17	7	1	42-7810	Shaft - Injection Pump Cam	46	55	1
37-9650	Trim	1	27	1	42-7830	Gear - Injection Pump Cam	46	61	1
38-1650	Fuel Gauge	4	5	1	42-7840	Key - Sunk	46	54	1
38-1660	Ammeter	4	12	1	42-7850	Retainer - Valve Spring	42	20	6
38-1670	Clamp Mounting	4	2	2	42-7860	Lock - Spring Retainer	42	21	12
38-3400	Guard - Rubber	33	5	1	42-7880	Spring - Valve	42	19	6
38-3400	Guard - Rubber	7	64	1	42-7890	Tappet	42	33	6
38-4550	Cover - Instruments	1	30	1	42-7920	Rod - Push	42	32	6
38-4600	Bar - Frame LH	6	26	1	42-7930	Spring - Rocker Shaft L.H.	42	41	1
38-7820	Bearing	39	5	2	42-7940	Arm - Rocker	42	22	6
39-8020	Trim - Cover Instruments	1	33	1	42-7950	Washer - Seat	42	24	2
41-8760	Gasket - Transmission	29	51	1	42-7960	Shaft Assembly - Rocker	42	40	1
42-6080	Shim	39	30	A/R	42-7970	Stay - Rocker	42	23	3
42-6080	Shim - Axle	17	30	A/R	42-7980	Screw - Adjusting	42	30	6
42-7040	Seal - Side	43	65	4	42-7990	Ring - Snap	42	43	2
42-7050	Guide - Oil Level Gauge	45	18	1	42-8000	Pump Assy. - Fuel Injection	45	2	1
42-7060	Seal - Oil	43	55	1	42-8010	Shim - 0.2 (.008 in.)	45	15	A/R
42-7080	Cap - Sealing	42	15	2	42-8020	Shim - 0.3 (.012 in.)	45	*	A/R
42-7080	Cap - Sealing (25)	40	30	3	42-8030	Shim - 0.4 (.016 in.)	45	*	A/R
42-7090	Cap - Sealing	45	17	2	42-8030	Shim - 0.4 (.016 in.)	45	15	A/R
42-7090	Cap - Sealing (45)	40	36	1	42-8040	Shim - 0.5 (.020 in.)	45	*	A/R
42-7100	Bushing - Camshaft	43	79	1	42-8050	Shim - 0.6 (.024 in.)	45	*	A/R
42-7110	Shaft - Idler	42	11	1	42-8060	Shim - 0.7 (.028 in.)	45	*	A/R
42-7120	Case - Oil Seal	43	57	1	42-8070	Shim - 0.8 (.032 in.)	45	*	A/R
42-7130	Gasket - Oil Seal	43	58	1	42-8080	Shim - 0.9 (.036 in.)	45	*	A/R
42-7150	Gasket - Front Plate	42	9	1	42-8090	Shim - 1.0 (.039 in.)	45	*	A/R
42-7160	Pin - Dowel	45	21	1	42-8100	Collar - Union	45	4	1
42-7170	Plug - Expansion	46	51	1	42-8120	Gasket - Nozzle Holder	40	35	3
42-7180	Bushing - Knock	46	50	2	42-8130	Pipe Assy. - Fuel Injection	45	7	1
42-7190	Bushing - Knock	46	72	2	42-8140	Pipe Assy. - Fuel Injection	45	11	1
42-7200	Bushing - Knock	46	52	1	42-8150	Pipe Assy. - Fuel Injection	45	12	1

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Part No.	Description	Pg. No.	Ref. No.	Qty.	Part No.	Description	Pg. No.	Ref. No.	Qty.
42-8180	Fuel Return Pipe Assembly	45	33	1	42-9230	Screw - Cap Hex. Hd.	43	81	3
42-8190	Joint	45	35	2	42-9240	Screw - Cap (12 x 28)	40	44	3
42-8220	Holder - Delivery Valve	49	16	3	42-9250	Screw - Cap Hex. Hd.	42	14	4
42-8230	Spring - Delivery Valve	49	14	3	42-9260	Plug - Oil Drain	40	49	1
42-8240	Gasket - Delivery Valve	49	13	3	42-9300	Screw - Cap (10 x 20)	41	64	2
42-8250	Delivery Valve Sub Assy.	49	12	3	42-9310	Screw - Cap Hex. Hd.	40	1	4
42-8260	Element Sub Assembly	49	11	3	42-9320	Bolt - Cylinder Head	40	31	8
42-8270	Sleeve - Plunger Control	49	22	3	42-9350	Screw - Cap Hex. Hd.	42	27	2
42-8280	Seat - Spring, Upper	49	23	3	42-9360	Bolt	42	26	2
42-8290	Spring - Pump Plunger	49	24	3	42-9370	Screw - Cap Hex. Hd.	42	42	1
42-8300	Tappet Sub Assembly	49	27	3	42-9390	Bolt (8 x 32)	40	33	6
42-8310	Rack Assembly - Control	49	21	1	42-9430	Screw - Cap Hex. Hd.	47	14	3
42-8320	Seat - Spring, Lower	49	25	3	42-9440	Screw - Cap Hex. Hd.	42	39	1
42-8330	O-Ring	49	15	3	42-9450	Bolt/Washer - Assembled	47	21	1
42-8340	Pin - Tappet Guide	49	19	3	42-9480	Screw - Cap Hex. Hd.	46	43	3
42-8350	Plate	49	20	1	42-9490	Screw - Cap (6 x 12)	41	58	4
42-8360	Plate Assembly - Adjusting	49	18	2	42-9500	Screw - Cap (8 x 45)	41	55	3
42-8370	Screw - Air Breather	48	8	1	42-9500	Screw - Cap Hex. Hd.	44	87	8
42-8380	Screw - Hollow	49	10	1	42-9510	Screw - Cap Hex. Hd.	37	46	2
42-8440	Shim - Plate	49	* A/R		42-9520	Screw - Cap (8 x 30)	40	43	5
42-8450	Shim - Plate	49	* A/R		42-9530	Screw - Cap (8 x 40)	41	66	1
42-8460	Spring Return	48	6	1	42-9570	Stud (8 x 25)	40	38	5
42-8650	Nut - Retaining	50	8	3	42-9580	Nut - Jam	47	10	2
42-8670	Flange	50	2	3	42-9590	Nut - Connecting Rod	43	61	6
42-8680	Nozzle Assembly	50	7	3	42-9620	Nut - Jam	42	29	6
42-8720	Sliding Shaft Assembly	47	13	1	42-9640	Nut - Jam	47	36	1
42-8730	Governor Lever Assembly	47	20	1	42-9660	Washer - Flat	45	23	6
42-8740	Spring - Tie Rod	47	11	1	42-9660	Washer - Plain (8)	41	54	4
42-8750	Tie Rod	47	12	1	42-9680	Washer	50	3 A/R	
42-8760	Governor Shaft	47	22	1	42-9690	Washer	50	* A/R	
42-8770	Lever - Governor Spring	47	8	2	42-9700	Washer	50	* A/R	
42-8780	Speed Control Lever Assy.	47	6	1	42-9710	Washer	50	* A/R	
42-8790	Cover Assembly	47	29	1	42-9720	Washer	50	* A/R	
42-8800	Gasket Cover	47	30	1	42-9730	Washer	50	*3 A/R	
42-8810	Pin - Grooved	47	5	2	42-9740	Washer	50	* A/R	
42-8810	Pin - Grooved	47	32	1	42-9750	Washer	50	* A/R	
42-8820	Governor Spring	47	23	1	42-9770	Washer	49	9	1
42-8830	O-Ring	47	7	2	42-9790	Washer - Head Bolt	40	32	8
42-8850	Oil Pump Assembly	46	*	1	42-9800	Washer	40	20	2
42-8900	Body - Oil Pump	46	48	1	42-9810	Washer - Flat	44	86	1
42-8910	Rotor Assembly - Oil Pump	46	45	1	42-9820	Washer	46	73	1
42-8920	Cover - Oil Pump	46	44	1	42-9830	Washer - Seal	45	3	2
42-8930	Spring - Relief	45	39	1	42-9850	Washer - Lock	40	2	24
42-8940	O-Ring	46	46	1	42-9850	Washer - Lock	42	7	5
42-8950	Gasket - Oil Pump Body	46	49	1	42-9850	Washer - Lock	47	9	2
42-8960	Driven Unit - Speedometer	44	*	1	42-9850	Washer - Lock	45	31	7
42-8970	Pin - Spring	42	35	1	42-9850	Washer - Lock M8	22	34	8
42-8980	Sleeve - Gear	42	36	1	42-9850	Washer - Lock, M8	24	29	28
42-8990	O-Ring	42	37	1	42-9860	Washer - Spring	43	85	1
42-9010	O-Ring	42	34	1	43-0080	Nut - Set	51	10	1
42-9020	Plate - Locking	43	63	1	43-0090	Screw - Cap (10 x 25)	40	48	2
42-9070	Pulley - Water Pump	41	56	1	43-0120	Screw - Set	51	3	1
42-9080	Water Pump Assembly	41	60	1	43-0190	Spring Set	52	4	1
42-9090	Gasket - Water Pump	41	61	1	43-0370	Shim	46	65	AIR
42-9100	Belt - Fan	37	21	1	43-0380	Spacer	46	66	1
42-9110	Gasket	40	41	1	43-0390	Alternator	46	67	1
42-9120	Intake Manifold Assembly	40	6	1	43-0400	Brace - Alternator	46	71	1
42-9140	Gasket - Intake Manifold	40	7	1	43-0410	Regulator Assembly	4	25	1
42-9150	Pipe Inlet	40	3	1	43-0420	Pulley Assembly	51	2	1
42-9160	Gasket - Inlet Pipe	40	5	1	43-0430	Bracket Assembly Front	51	4	1
42-9170	Gasket - Exhaust Manifold	40	39	1	43-0470	Stator	51	9	1
42-9180	Wire - Glow Plug Lead	40	26	2	43-0480	Rear Bracket Assembly	51	14	1
42-9190	Glow Lamp	4	14	1	43-0490	Holder Assembly Brush	51	11	1
42-9200	Complete Gasket Set	41	*	1	43-0500	Brush	51	12	2
42-9210	Bolt - Bearing Cap	43	67	8	43-0520	Rectifier Assembly	51	13	1
42-9220	Screw - Cap Hex. Hd.	43	56	6	43-1440	Engine	37	13	1
42-9230	Screw - Cap Hex. Hd.	45	32	2	43-1710	Valve Assembly	33	13	1
42-9230	Screw - Cap Hex. Hd.	39	34	1	43-1770	Plate - Rear	40	46	1

*Not Illustrated

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Part No.	Description	Pg. No.	Ref. No.	Qty.	Part No.	Description	Pg. No.	Ref. No.	Qty.
43-1790	Fitting - Thermostat	40	10	1	43-5910	V-Belt	39	11	1
43-1800	Flywheel	43	53	1	43-5920	Washer - Lock	51	17	1
43-1810	Gear - Ring	43	54	1	43-5920	Washer - Lock	46	63	1
43-1870	Manifold - Exhaust	40	42	1	43-5930	Washer - Lock	45	9	1
43-1880	Control Unit Assembly	4	27	1	43-5930	Washer - Lock	24	14	12
43-1900	Screw - Cap Hex. Hd.	46	68	1	43-5930	Washer - Lock	47	15	4
43-1911	Fan - Cooling	39	1	1	43-5930	Washer - Lock	42	28	2
43-1940	Adapter - Temp. Gauge	37	11	1	43-5930	Washer - Lock	41	57	4
43-2550	Filter	8	15	1	43-5930	Washer - Lock	38	64	2
43-2560	Gasket	8	16	1	43-5950	Washer - Lock	37	26	4
43-2570	Gasket	8	14	1	43-5960	Nut - Special	47	26	1
43-2580	Magnet	8	17	1	43-5970	Nut	46	62	1
43-2710	O-Ring	45	19	1	43-6240	Shim - Plate	49	* A/R	
43-2720	Mold	51	16	1	43-6470	Nut	43	84	1
43-2730	Solenoid - Tubular	47	17	1	43-6710	Shim .003 - Diff. Adjust.	18	15	A/R
43-2740	Gasket	47	19	1	43-6711	Shim .005 - Diff. Adjust.	18	16	A/R
43-2750	Nut	47	18	1	43-6712	Shim .010 - Diff. Adjust.	18	17	A/R
43-2770	Lever - Stop	47	35	1	43-6713	Shim .030 - Diff. Adjust.	18	18	A/R
43-2800	Screw - Cap Hex. Hd.	47	24	1	43-6750	Cup - Bearing, Tapered	18	10	1
43-2820	Sealing Cap	47	25	1	43-6760	Cone - Bearing, Tapered	18	9	1
43-3000	Plate - Smoke Set	48	* A/R		43-6810	Torque - Spider	20	5	2
43-3010	Plate - Smoke Set	48	* A/R		43-6840	Housing - Lower	19	36	1
43-3020	Plate - Smoke Set	48	7 A/R		43-7020	Hose - Lower Radiator	6	21	1
43-3110	Spring - Ungleich Set	48	2	1	43-8600	Spring - Compression	9	25	1
43-3120	Washer - Seal	47	27	1	43-8600	Spring - Compression	11	66	1
43-3130	Hose - Water	40	13	1	43-8610	Guide - Spring & Ball Seat	10	5	1
43-3140	Clamp - Hose	40	12	2	43-8610	Guide - Spring & Ball Seat	9	24	1
43-3150	Bolt/Washer - Assembled	49	17	2	43-8620	Guide - Switch Pin	9	27	1
43-3160	Screw - Adjusting	47	33	1	43-8620	Guide - Switch Pin	11	68	1
43-3190	Screw - Cap Hex. Hd.	37	41	3	43-8860	Plunger - Switch	9	26	1
43-3200	Screw - Cap Hex. Hd.	39	24	4	43-8860	Plunger - Switch	11	67	1
43-3320	Foam - Radiator	6	28	2	43-8870	Boot - Switch	9	30	1
43-3330	Shroud - Radiator	6	17	1	43-8870	Boot - Switch	11	71	1
43-3340	Plate - Sealing, Grille	6	42	1	43-9071	Asm. - Switch	11	*	1
43-3350	Hose - Upper Radiator	6	13	1	43-9071	Assembly - Switch	9	*	1
43-3510	Pulley - Engine	37	27	1	44-2210	Warning Light	4	8	1
43-3530	Pulley Flywheel	39	26	1	44-2220	Wire Lead	4	6	1
43-3690	Fan - Shaft	39	2	1	44-2230	Coupling - Rubber	29	26	4
43-3700	Hub-Fan	39	4	1	44-8070	Nozzle & Holder Assembly	40	34	3
43-3720	Collar - Bearing	37	32	1	44-8080	Body	50	1	3
43-3730	Bracket Throttle Control	38	52	1	44-8090	Lever Assembly Stop	47	31	1
43-3760	Lever - Throttle	38	54	1	44-8100	Spring Return	47	34	1
43-3770	Link - Throttle	37	1	1	44-8950	Tube - Air Cleaner	53	18	1
43-3780	Swivel - Throttle Control	37	9	1	46-2600	Capscrew	45	10	2
43-3790	Bracket - Belt Guide	37	48	1	46-7610	Starter Assembly	40	47	1
43-3820	Spacer	4	34	1	46-7630	Bracket Assembly - Front	52	2	1
43-3850	Muffler	39	17	1	46-7640	Lever Assembly	52	3	1
43-3860	Shaft - Pivot P.T.O.	10	9	1	46-7650	Bracket Assembly - Center	52	5	1
43-3870	Support - Muffler	39	8	1	46-7660	Switch Assembly	52	6	1
43-3880	Pulley	39	10	1	46-7670	Armature Set	52	8	1
43-3900	Guard - Fan Belt	9	5	1	46-7680	Bearing - Front	52	7	1
43-3970	Panel - Instrument	4	16	1	46-7710	Shaft Assembly - Clutch	52	*	1
43-3990	Throttle Control	4	23	1	46-7720	Pinion Set	52	19	1
43-4000	Circuit Breaker	4	21	1	46-7740	Gear Set	52	*	1
43-4010	Wire Assembly	5	4	2	46-7750	Shaft Assembly Pinion	52	18	1
43-4040	Wire Assembly	5	3	1	46-7760	Gear	52	17	1
43-4150	Fuel Tank	17	4	1	46-7780	Yoke Assembly	52	11	1
43-4160	Fitting - Return & Vent	17	13	1	46-8050	Packing	52	10	1
43-4190	Fitting Assembly	17	28	1	46-8091	Screw - Flange	6	49	2
43-4230	Hose	38	56	1	46-8400	Bearing - Needle	32	53	2
43-4230	Hose - Return	17	15	1	46-8410	Motor Shaft	32	58	1
43-4300	Trim - Frame Rear	1	35	2	46-8810	Stop - Leaf, Spring	29	6	1
43-5500	Pivot P.T.O.	10	31	1	46-8840	Spring - Lift Arm	54	14	1
43-5540	Shaft P.T.O.	10	43	1	47-7420	Hose	38	55	1
43-5550	Shaft - Actuator P.T.O.	10	32	1	48-1800	Cylinder Block Kit	31	5	2
43-5570	Arm, Actuator - P.T.O.	10	38	1	48-1980	Gasket	43	78	1
43-5630	Yoke - P.T.O.	10	51	1	48-1990	Nut - Jam	43	77	1
43-5690	Hose - Vent, Fuel Tank	17	16	1	48-2010	Screen - Assembly Oil	43	76	1

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Part No.	Description	Pg. No.	Ref. No.	Qty.	Part No.	Description	Pg. No.	Ref. No.	Qty.
48-2020	Cylinder Block Sub Assy.	41	62	1	60-9760	Nut	34	12	1
48-7710	Screw - Cap, M8 x 20	24	39	4	60-9760	Nut - Hex	35	7	1
48-7730	Screw - Cap Hex. Hd.	21	46	4	60-9770	Piston	34	11	1
48-7780	Screw - Cap Hex. Hd.	21	16	8	60-9780	Head	34	5	1
48-7960	Nut	21	27	2	61-4960	Seal Repair Kit	34	*	1
48-9220	Washer - Flat	21	17	8	61-4980	Shaft - w/Clevis	34	1	1
48-9460	Bolt - Hex. Hd.	22	35	4	61-4990	Ring - Retaining	34	4	1
48-9460	Screw - Cap, M8 x 25	24	28	20	62-3740	Plate - Front	42	6	1
48-9470	Bolt - M10 x 30	23	43	24	62-3820	Fitting - Grease 65°	25	6	2
48-9470	Screw - Cap, M10 x 30	24	10	4	62-4250	Cylinder - Hydraulic	33	21	1
48-9590	Washer - Lock	24	9	28	62-6840	Sender - Fuel Level	17	12	1
48-9590	Washer - Lock	39	25	4	62-6940	Cap	47	37	1
48-9590	Washer - Lock	37	40	3	62-7020	Asm - Wheel & Tire	17	*	2
48-9590	Washer - Lock	41	65	2	62-7650	Gasket	17	8	1
48-9590	Washer - Lock	41	67	2	63-1400	Belt Guide	38	58	1
48-9590	Washer - Lock M10	22	42	24	63-3160	Screw - Cap Hex. Hd.	45	14	3
48-9590	Washer - Spring	42	25	3	63-3160	Screw - Cap Hex. Hd.	45	14	4
49-2040	Screw - Self Tapping	30	60	3	63-7590	Relay	4	42	1
51-7500	Spring - Pressure	50	4	3	63-8280	Head Assembly	8	5	1
51-7520	Piece - Distance	50	6	3	63-8290	Vent	8	3	1
51-7740	Stopper	52	20	1	63-8300	Element - Fuel Filter	8	10	1
51-7780	Cover Set	52	16	1	63-8310	Drain Valve	8	11	1
51-7810	Brush Holder Assembly	52	13	1	63-8360	Key	4	11	1
51-7820	Spring - Brush	52	12	4	63-8960	Hose Assy. - Valve/Cooler	6	38	1
51-7830	Bracket - Rear	52	14	1	63-8970	Hose - Trans. to Steering	14	14	1
51-7850	Nut Set	51	1	1	63-8980	Hose - Aux. to Valve	14	22	1
51-7890	Screw - Set	51	19	1	63-8990	Hose	33	15	1
51-7910	Rotor Assembly	51	7	1	63-8990	Hose	14	23	1
51-7920	Bearing - Rear	51	8	1	63-9010	Hose Assy. - Cooler/Pump	6	27	1
53-4430	Decal - Oil Fill	3	11	1	63-9230	Battery - Type MF214-78, Dry	1	15	1
53-8150	Pump Assy. Fuel, Electric	8	13	1	63-9260	Manifold - Valve	33	17	1
53-9480	Washer	39	28	2	63-9640	Hose - Fuel	17	27	1
53-9480	Washer	37	39	2	63-9650	Hose	8	20	1
53-9660	V-Belt Torque Team	10	12	1	63-9720	Hose	8	7	1
53-9680	Engine Mount - Rubber	37	23	2	65-5100	Handle - Hood	6	12	1
53-9680	Engine Mount - Rubber	39	29	2	66-1250	Cylinder - Hydraulic	33	*	1
53-9710	Engine Mount	37	22	2	66-1930	Nut	28	10	1
53-9750	Fan Mount	39	6	1	66-3200	Tread - Foot, LH	2	59	1
54-7890	Pump Housing	31	22	1	66-3240	Cap - Pressure Radiator	7	53	1
54-8660	Washer	46	69	1	66-5310	Idler Pulley	39	18	1
54-8670	Bolt - Flywheel	43	52	5	66-5320	Spacer	39	19	1
54-8680	Shim - Plate	49	*	A/R	66-6370	Lift Arm	54	1	1
54-8690	Shim - Plate	49	*	A/R	66-7030	Screw - Cap w/Washer	39	32	2
54-8700	Plate - Smoke Set	48	7	A/R	66-7150	Push Arm R.H.	54	9	1
54-8770	Plate - Smoke Set	48	*	A/R	66-8111	Trim - Hood Cutout	7	54	1
54-8780	E-Ring	48	5	1	66-9760	Nut - Hex.	14	2	1
54-9180	Kit - Joint, Universal	26	3	1	66-9970	Spring Kit	15	*	1
54-9180	Kit - Universal Joint	25	2	2	66-9980	Seal Kit	15	*	1
54-9290	Bracket	29	37	2	66-9990	Needle Roller Kit	15	*	1
54-9300	Cover	30	66	1	67-1720	Decal - Torque	3	10	2
55-3572	Fuel Cap	17	18	1	67-1750	Bushing	21	13	2
56-0220	Pin - Dowel	42	13	2	67-2340	Screw - Cap w/Washer	42	8	2
56-0750	Clamp	45	8	2	67-2390	Plug - Taper	42	12	2
56-0760	Clamp	45	13	2	67-2390	Plug - Taper	45	36	1
56-0900	Plate - Smoke Set	48	*	A/R	67-2500	Plunger - Relief	45	40	1
56-0910	Plate - Smoke Set	48	*	A/R	67-2520	Plug	45	38	1
56-0920	Plate - Smoke Set	48	*	A/R	67-2560	Screw - Cap Hex. Hd.	47	28	3
56-0930	Plate - Smoke Set	48	*	A/R	67-2570	Plug - Taper	45	25	1
56-0950	Plate - Smoke Set	48	*	A/R	67-2570	Plug - Taper 1/8	40	37	1
56-0990	Plate - Smoke Set	48	*	A/R	67-2860	Bolt - Connecting Rod	43	50	6
56-1000	Plate - Smoke Set	48	*	A/R	67-4040	Weight Assy. - Governor	47	16	1
56-1310	Oil Pressure Switch Assy.	45	41	1	67-4330	Filter Assembly - Oil	46	42	1
56-2120	Screw - Hex. Hd.	46	74	1	67-4660	Screw - Cap Flange Hd.	46	70	1
56-2460	Washer - Flat	27	36	A/R	67-5450	Piston	35	6	1
56-2460	Washer - Flat	21	41	A/R	67-5460	Head	35	5	1
56-7981	Sleeve - Protective	27	33	1	67-5470	Ring - Retaining	35	4	1
56-7985	Sleeve - Protective	27	37	1	67-5480	Shaft	35	2	1
60-5400	Bearing - Rear	52	9	1	67-5500	Repair Kit	35	3	1

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Part No.	Description	Pg. No.	Ref. No.	Qty.	Part No.	Description	Pg. No.	Ref. No.	Qty.
67-8020	Pump Shaft	31	20	1	71-4760	Seal - Rod	21	8	3
67-8050	Bearing - Needle	31	35	1	72-3410	Yoke - Flange	25	1	2
67-8190	Bracket - Engine Support	9	12	2	72-3420	Shaft - Yoke, Slip	25	3	1
67-8470	Strip - Retainer	6	30	1	72-3431	Tube - Yoke, Slip	25	5	1
67-8570	Strip - Sealing	6	41	1	72-3450	Yoke - Flange, Split	26	6	1
67-8690	Support - Column	14	7	1	72-3461	Tube - Yoke, Half-Slip	26	4	1
67-8810	Hinge L.H.	9	10	1	72-3540	Valve - Relief Adj.	29	*	1
67-8820	Hinge R.H.	9	4	1	72-3550	Tube Assembly	29	20	1
67-8840	Pin - Hinge	6	7	1	72-3570	Shim .094 - Diff. Adjust.	18	24	A/R
67-8870	Support - Radiator	6	46	1	72-3571	Shim .096 - Diff. Adjust.	18	*	A/R
67-8960	Weight - Rear	27	11	1	72-3572	Shim .098 - Diff. Adjust.	18	*	A/R
67-9000	Screen - Rear	6	3	1	72-3573	Shim .100 - Diff. Adjust.	18	*24	A/R
67-9030	Grille	6	47	1	72-3574	Shim .102 - Diff. Adjust.	18	*	A/R
67-9080	Housing - Motor	31	4	1	72-3575	Shim .104 - Diff. Adjust.	18	*	A/R
67-9090	Plug	31	42	2	72-3576	Shim .106 - Diff. Adjust.	18	*	A/R
67-9100	Gasket	31	10	1	72-3577	Shim .108 - Diff. Adjust.	18	*	A/R
68-3270	Bumper	54	37	1	72-3578	Shim .110 - Diff. Adjust.	18	*	A/R
68-5140	Cap - Wheel Steering	14	46	1	72-3580	Shim .112 - Diff. Adjust.	18	*	A/R
68-5370	Decal - Toro	14	1	1	72-3581	Shim .114 - Diff. Adjust.	18	*	A/R
68-6824	Axle - Drive, Steerable	21	1	1	72-3582	Shim .116 - Diff. Adjust.	18	*	A/R
68-6870	Rod End	21	7	1	72-3583	Shim .118 - Diff. Adjust.	18	*	A/R
68-6910	Arm - R.H., Steering	21	2	1	72-3584	Shim .120 - Diff. Adjust.	18	*	A/R
68-6930	Arm - L.H., Steering	21	18	1	72-3585	Shim .125 - Diff. Adjust.	18	*	A/R
68-6990	Stop - Oscillation	21	15	2	72-3586	Shim .127 - Diff. Adjust.	18	*	A/R
68-7010	Flange	18	22	1	72-3587	Shim .129 - Diff. Adjust.	18	*	A/R
68-8610	Fender - Extension	2	45	1	72-3588	Shim .131 - Diff. Adjust.	18	*	A/R
68-8660	Elbow - Fitting	29	39	1	72-3590	Shim .133 - Diff. Adjust.	18	*	A/R
68-8990	Head - Filter	29	42	1	72-3591	Shim .135 - Diff. Adjust.	18	*	A/R
68-9110	Shim	39	37	A/R	72-3592	Shim .137 - Diff. Adjust.	18	*	A/R
68-9111	Shim	39	*	A/R	72-3593	Shim .139 - Diff. Adjust.	18	*	A/R
68-9112	Shim	39	*	A/R	72-3594	Shim .141 - Diff. Adjust.	18	*	A/R
68-9160	Bracket	6	35	1	72-3595	Shim .143 - Diff. Adjust.	18	*	A/R
68-9650	Hose - Axle	29	46	1	72-3596	Shim .145 - Diff. Adjust.	18	*	A/R
68-9710	Hose Assy. - Steering	27	22	1	72-3597	Shim .147 - Diff. Adjust.	18	*	A/R
68-9720	Hose - Cylinder to Steering	14	19	1	72-3598	Shim .149 - Diff. Adjust.	18	*	A/R
68-9730	Hose - Steering to Cylinder	14	18	1	72-3600	Shim .151 - Diff. Adjust.	18	*	A/R
68-9760	Fuel Tank Base	17	2	1	72-3690	Fender	1	10	2
69-9870	Asm - Wheel & Tire	17	*	2	72-3710	Body - Valve, Relief	29	17	1
69-9880	Tire - 23x10.5x12 (6 Ply)	17	*	2	72-3720	Cartridge - Valve, Relief	29	18	1
70-1180	Cable - Battery Positive	1	20	1	72-3730	Seal Kit (Relief Valve)	29	*	1
70-1190	Cable - Ground	4	43	1	72-3750	Bearing - Ball	31	2	1
70-1190	Ground Cable	5	5	1	72-4200	Ring - Set - Piston Std.	42	44	3
70-1380	Sleeve - Protective	14	17	1	72-4210	Ring Set - Piston	42	45	3
70-1390	Sleeve - Protective	14	15	1	72-4220	Ring Set - Piston	42	46	3
70-2200	Decal- Toro	3	1	1	72-4230	Ring Set - Piston	42	47	3
70-2620	Elbow - Fitting	29	48	1	72-4240	Piston & Piston Pin Std.	43	48	3
70-2810	Spring - Brush	51	15	1	72-4250	Piston & Piston Pin	43	*	3
70-3320	Bearing - Front	51	5	1	72-4260	Piston & Piston Pin	43	*	3
70-3970	Shim - Plate	49	26	A/R	72-4270	Piston & Piston Pin	43	*	3
70-4070	Shim - Plate	49	*	A/R	72-4280	Camshaft	46	59	1
70-4080	Shim - Plate	49	26	A/R	72-4290	Head Assembly - Cylinder	40	8	1
70-4090	Shim - Plate	49	*	A/R	72-4320	Switch - Ball	10	3	1
70-4100	Shim - Plate	49	*	A/R	72-4320	Switch - Ball	9	20	1
70-4240	E-Ring	48	1	1	72-4870	Case - Differential	22	24	1
71-4330	Seal	18	23	1	72-4880	Cover	22	2	1
71-4340	Washer	18	21	1	72-4890	O-Ring	22	3	1
71-4350	Nut	18	20	1	72-4900	Case - Differential	22	8	1
71-4400	Coupling - Drive	29	27	1	72-4910	Flange - Case	22	12	1
71-4410	Spacer - Coupling, Rubber	29	31	2	72-4930	Gear - Side	22	9	1
71-4411	Spacer - Coupling, Rubber	29	29	6	72-4940	Gear - Side	22	40	1
71-4430	Hose Assy. - Steering	27	21	1	72-4950	Gear - Pinion	22	10	2
71-4450	Bolt - Wheel	21	23	10	72-4960	Shim .1 mm	22	5	1
71-4530	Tie Rod Assembly	21	*	1	72-4970	Shim .15 mm	22	*	1
71-4540	Washer - Thrust	21	14	1	72-4980	Shim .5 mm	22	*	1
71-4540	Washer - Thrust	27	15	1	72-4990	Shim .8 mm	22	*	1
71-4690	Screw - Cap Hex. Hd.	21	28	2	72-5000	Shim 1.0 mm	22	*	1
71-4740	Rod End	21	20	2	72-5010	Shim 1.2 mm	22	*	1
71-4750	Tube & Clamp Assembly	21	12	1	72-5020	Shaft - Pinion	23	47	1

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Part No.	Description	Pg. No.	Ref. No.	Qty.	Part No.	Description	Pg. No.	Ref. No.	Qty.
72-5030	Pin - Dowel	23	45	2	82-8670	Rod - Brake Latch	12	10	1
72-5040	Washer - Gear	22	11	1	82-8760	Elbow	14	12	1
72-5050	Tube - Axle RH	22	16	1	82-8770	Elbow	14	21	1
72-5060	Axle - RH	22	17	1	82-8940	Decal - Steering Tilt	14	44	1
72-5090	Gear - Bevel	24	18	2	82-8950	Foam - Flange Hood	6	45	2
72-5090	Gear - Bevel	22	21	2	82-9010	Disc - Friction	14	38	1
72-5100	Spacer	22	20	2	83-5330	Washer - Bearing	22	38	1
72-5110	Tube - Axle LH	23	44	1	83-5340	Nut - Bearing	22	37	1
72-5120	Axle - LH	22	41	1	83-5350	Case - Bearing	22	33	1
72-5130	Vent	22	23	1	83-5360	Seal - Oil	22	36	1
72-5140	O-Ring	22	25	1	83-5370	Ring & Pinion Assembly	23	*	1
72-5150	Plug	22	26	1	83-7260	Relief Valve Cone	31	31	2
72-5160	Shim .1mm	22	29	1	84-8500	Lever - P.T.O.	10	2	1
72-5170	Shim .15 mm	22	*	1	84-8520	Bracket - P.T.O. Switch	10	6	1
72-5180	Shim .5 mm	22	*	1	84-8600	Shoe & Lining Assembly	20	16	1
72-5190	Shim .8 mm	22	*	1	86-7040	Rod - Seat Prop	9	32	1
72-5200	Shim 1.0 mm	22	*	1	86-7050	Bracket - Switch Actuator	11	73	1
72-5210	Shim 1.2 mm	22	*	1	86-7220	Gear - Output, Trans.	30	52	1
72-5360	Ring - Retaining	22	19	2	86-7230	Gear - Spur	18	14	1
72-5370	Ring - Retaining	22	22	2	86-8100	Ball Joint Assembly	54	33	2
72-5440	Pin - Spring	23	46	1	86-9410	Bracket - Seat Support	7	59	1
72-5460	O-Ring	22	32	1	86-9610	Carrier Assembly	19	28	1
72-5540	Case - Knuckle	24	30	2	86-9630	Front Axle Assembly	17	35	1
72-5550	Cover	24	26	2	88-0070	Plate - Floor	2	49	1
72-5560	Pin - King, Knuckle	24	20	2	88-0470	Tube - Pedal, Spacer	13	49	1
72-5570	Shaft - Axle, Outer	24	35	2	88-1640	Pin - Traction Pedal	12	20	1
72-5580	Gear - Bevel	24	5	4	88-1650	Shaft - Traction Pedal	12	22	1
72-5590	Retainer - Bearing	24	15	2	88-1670	Bracket - Pivot	12	23	1
72-5630	Gasket	24	16	2	88-1680	Bracket - Footrest	12	48	1
72-5650	Hub - Wheel	24	34	2	88-1710	Footrest	13	50	1
72-5660	Washer - Shaft, Wheel	24	33	2	88-1720	Pad - Footrest	13	51	1
72-5680	Spacer	24	19	2	88-1790	Wire Harness Assembly	5	2	1
72-5720	Ring - Retaining	24	4	2	88-3390	Plate - Sealing	6	37	1
72-5730	Seal - Oil	24	24	4	88-8220	By-Pass Valve	31	15	1
72-5740	Seal - Oil	24	2	2	92-1676	Gear & Pinion Assembly	19	*	1
72-5770	Nut - Castle	24	32	2	92-1773	Screw - Cap Hex. Hd.	18	11	4
72-5780	Key	24	36	2	92-1774	Seal - Oil	20	2	2
72-5790	Screw - Cap, M6 x 18	24	13	12	92-1961	Seal - Valve Stem	42	18	6
72-5800	Bolt	22	1	8	92-4058	Arm - P.T.O.	10	30	1
72-5810	Bolt	22	7	8	92-4060	Fork P.T.O.	10	24	1
72-5820	Plug	22	28	1	92-4902	Assy. - Upper Housing	19	*	1
72-5840	Gasket	22	27	1	92-5723	Bushing - P.T.O. Fork	10	23	2
72-6950	Retainer - Oil Level Guide	45	20	1	92-5727	Screw - Cap Hex. Hd.	10	22	2
72-9420	Vent Assembly	19	41	1	92-5838	Ball Joint	27	23	1
74-0720	Tube - Manual	9	2	1	92-7308	Valve - Steering Power	14	25	1
75-0560	Steering Wheel Assembly	14	3	1	92-7310	Bolt - Special	15	36	4
75-9890	Washer - Shim	11	75	A/R	92-7314	Assembly - Column	15	*	1
75-9900	Engine Support - Front	37	29	1	92-7315	Seal	15	28	1
76-1900	O-Ring	31	18	2	92-7316	Nut - Push On	15	38	4
77-3120	Bracket - Mount Column	14	9	1	92-7317	Foam	15	39	1
77-3140	Engine Mount	39	22	1	92-7801	Shield - Cover, Battery	2	54	1
77-3170	Stop - Cable Hood	6	22	2	92-7803	Support - Axle	27	9	1
77-3180	Spacer	53	22	4	92-7807	Pin - Axle Rear	27	7	1
77-5140	Decal - Hood 4wd L.H.	6	50	1	92-7810	Cross Member	27	26	1
77-5150	Decal - Hood 4wd R.H.	6	*	1	92-7829	Cylinder - Hyd. Steering	27	32	1
77-5160	Foam - Side	6	2	1	92-7833	Hose - (Valve to Cylinder)	33	19	1
77-5170	Foam - Top	6	1	1	92-7834	Hose	33	22	1
77-5250	Spacer - Cable Hood	6	23	4	92-8775	Kit - Gasket, Liquid	20	*	2
80-2880	Bracket - Steering Tilt	14	40	1	92-8776	Plug	32	61	4
80-2930	Washer	14	39	1	92-8777	O-Ring	32	62	2
80-2940	Plate - Pivot	14	29	1	92-8918	Center Section	32	55	1
80-2960	Spacer - Tower	14	10	2	92-8941	Butt & Tube - Assembly	28	11	1
80-2980	Boss - Pin	14	32	1	92-8942	Rod	28	1	1
80-3330	Gasket	53	12	1	92-8943	Piston	28	9	1
82-2590	Plug - Thrust	44	88	1	92-8944	Gland	28	4	1
82-5050	Screw - Cap Hex. Hd.	37	28	4	92-8945	Kit - Seal	28	*	1
82-8650	Clamp - Half	14	37	1	92-8947	Transmission - Inline	29	50	1
82-8660	Cover - Tower	14	5	1	93-0312	Washer - Hardened	32	60	4

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Part No.	Description	Pg. No.	Ref. No.	Qty.	Part No.	Description	Pg. No.	Ref. No.	Qty.
93-1351	Valve - Intake	42	16	3	94-9160	Engine	37	13	1
93-1352	Valve - Exhaust	42	17	3	95-1566	Plate - Ungleich Set	48	3	A/R
93-1353	Handle - Steering Tilt	14	34	1	95-1567	Plate - Ungleich Set	48	*	A/R
93-1369	Head Assembly - Cylinder	40	*	1	95-1568	Plate - Ungleich Set	48	*	A/R
93-1395	Plate - Skid	21	45	2	95-1569	Plate - Ungleich Set	48	*	A/R
93-3180	Bolt - Cylinder Head	40	25	3	95-1570	Plate - Ungleich Set	48	*	A/R
93-3181	Pin - Pressure	50	5	3	95-1571	Plate - Ungleich Set	48	*	A/R
93-3183	Tool Box	2	42	1	95-1572	Plate - Ungleich Set	48	*	A/R
93-3185	Assembly - Cover	2	51	1	95-1573	Plate - Smoke Set	48	*	A/R
93-3188	Decal - Groundsmaster	6	4	2	95-1574	Plate - Smoke Set	48	*	A/R
93-3387	Bearing Set	43	64	1	95-1576	Plate - Smoke Set	48	*	A/R
93-3388	Bearing Set - Crankshaft	43	*	1	95-1821	Spring - Compression	12	9	1
93-3409	Bearing - Ball	46	53	1	95-1836	Hose - Air Cleaner	53	10	1
93-3524	Thermostat	40	14	1	95-2746	Decal - Instructions Start.	1	31	1
93-3654	Screw	51	18	1	95-3092	Kit - 400 Hour Filter	30	*	1
93-3655	Screw - Set	52	1	1	95-3092	Kit - 400 Hour Filter	46	*	1
93-3656	Gasket - Pump, Water	41	68	1	95-3092	Kit - 400 Hour Filter	53	*	1
93-3657	Pin - Dowel	46	47	2	95-3092	Kit - 400 Hour Filter	8	*	1
93-3664	Seal - O-Ring	22	14	2	95-3347	Plug - Pipe, Square Hd.	24	37	2
93-3665	Seal - O-Ring	22	15	2	95-6269	Clutch - Bidirectional	21	33	1
93-3666	Gear Box - Axle	24	23	2	98-1823	Spacer	21	29	1
93-3667	Case - Knuckle	24	38	2	98-3864	Brace - Lower Left	3	8	1
93-3668	Washer - Thrust	24	21	2	98-3865	Brace - Lower Right	3	6	1
93-3669	Bearing - Needle	24	22	2	98-3866	Brace - Upper	3	3	2
93-3670	Seal - O-Ring	24	1	4	98-3879	Asm - Frame	3	2	1
93-3671	Pin - Dowel	24	7	4	98-3883	Clamp	2	38	1
93-3672	Arm - Knuckle	24	8	2	98-5009	Driveshaft (Complete)	25	*	1
93-3685	Pipe - Air Breather	40	16	1	212-93	Wire Clip	9	18	2
93-3687	Bolt Set	52	15	1	212-93	Wire Clip	11	53	1
93-3688	Cap - Shipping	42	31	1	217-106	Wheel	21	24	2
93-3689	Case - Gear	42	4	1	217-116	Rim - 23x10.5x12	17	*	2
93-3769	Clevis Pin	10	26	1	217-117	Rim	17	33	2
93-4132	O-Ring	32	54	2	218-461	Nut - Jam	9	29	2
93-4133	Lip Seal	31	36	1	218-461	Nut - Jam	11	70	2
93-6668	Decal - Charging	2	63	1	218-473	Toggle Switch Boot	4	17	1
93-6680	Decal - Fuel Diesel	1	34	1	218-515	Mounting Bracket	4	39	1
93-6696	Warning Decal	54	12	3	218-533	Lens	4	9	1
93-6697	Decal - Lube	21	26	1	218-539	Clamp	4	13	1
93-7040	Support - Reinforcement	54	18	1	231-90	Tube - Inner	17	*	2
93-7042	Cover - Guard Flywheel	27	16	1	231-95	Tire - 23x10.5x12 (4 Ply)	17	*	2
93-7272	Decal - Warning	6	15	3	231-122	Tire	21	22	2
93-7275	Decal - Starting Fluid	53	19	1	231-138	Tire - 6 Ply	17	31	2
93-7276	Decal - Danger	2	62	1	232-27	Valve Stem	17	*	1
93-7410	Panel - Footrest	2	58	1	232-31	Stem - Valve	21	25	2
93-7626	Fender - RH	2	60	1	232-31	Valve Stem w/Cap	17	34	2
93-7644	Pin - Hitch	54	42	1	233-17	Knob	12	11	1
93-7650	Lever - Locking	54	41	1	233-21	Knob	33	3	1
93-7806	Decal - Power Take Off	1	12	1	233-35	Knob	4	7	2
93-7813	Decal - Panel, Instrument	4	46	1	237-7	Seal - O-Ring	9	28	1
93-7821	Decal - Coolant Radiator	6	48	1	237-7	Seal - O-Ring	11	69	1
93-7822	Decal - Refueling	1	36	1	237-21	O-Ring	29	14	3
93-7823	Decal - Oil	17	42	1	237-22	O-Ring	31	13	1
93-7830	Decal - Torque	2	44	2	237-22	O-Ring	27	20	2
93-7831	Decal - Parking Brake	12	12	1	237-22	O-Ring	33	29	2
93-7832	Decal - Caution	1	5	1	237-22	O-Ring	30	64	1
93-7839	Decal - Caution	2	50	2	237-22	Seal - O-Ring	14	20	3
93-7840	Decal - Radiator Cap	7	65	1	237-30	O-Ring	33	30	2
93-8472	Guard - Flywheel	9	34	1	237-30	O-Ring	30	65	1
93-8738	Guard - Flywheel	27	40	1	237-30	Seal - O-Ring	10	4	1
93-8742	Pad - Brake	12	1	1	237-30	Seal - O-Ring	14	13	3
93-8743	Pad - Turn	12	2	2	237-30	Seal - O-Ring	9	23	1
93-9729	Guard - Fan	7	67	1	237-42	O-Ring	36	2	2
94-3304	Pedal - Traction	12	18	1	237-42	O-Ring	33	31	2
94-3307	Pad - Front Pedal	12	47	1	237-42	O-Ring	30	63	2
94-3308	Pad - Pedal Rear	12	19	1	237-78	O-Ring	29	16	4
94-6934	Screw - Cap Hex. Hd.	20	21	8	237-78	O-Ring	27	30	2
94-6935	Nut - Lock	20	12	8	237-78	O-Ring	33	32	2
94-6936	Washer	20	23	8	237-80	O-Ring	31	33	1

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Part No.	Description	Pg. No.	Ref. No.	Qty.	Part No.	Description	Pg. No.	Ref. No.	Qty.
237-80	O-Ring	29	38	1	302-10	Fitting - Grease	37	31	1
237-81	O-Ring	29	40	3	302-10	Grease Fitting	10	10	1
237-86	O-Ring	31	7	4	302-11	Fitting - Grease	21	11	1
237-95	O-Ring	31	41	1	302-33	Fitting - Grease	54	28	2
237-141	Bumper - Radiator	6	52	2	302-55	Fitting - Grease	35	1	2
242-34	Stud - Flanged, Axle	20	9	10	302-55	Fitting - Grease	34	2	2
249-21	Clamp - Hook	1	14	3	302-55	Fitting - Grease	21	6	3
249-39	Latch - Draw Flexible	6	24	1	302-58	Fitting - Grease	25	4	1
249-40	Keeper	7	56	1	302-58	Fitting - Grease	26	5	1
2412-3	Clamp - Hose	6	14	4	302-60	Fitting - Grease 90°	27	38	1
2412-3	Hose - Clamp	53	9	1	304-46	Drain Cock	6	25	1
2412-4	Clamp	17	23	1	304-73	Fitting - Straight Barb	33	23	1
2412-4	Clamp	1	25	3	304-73	Hose Barb	8	19	1
2412-6	Clamp	17	17	2	304-75	Fitting - 90° Barb	33	20	1
2412-31	Clamp - Bodine	37	6	1	304-96	90° Hose Barb	8	2	1
2412-34	Clamp - Hose	29	47	2	321-2	Screw - Cap Hex. Hd.	29	35	2
2412-36	Clamp	14	24	2	321-3	Screw - Cap Hex. Hd.	39	36	4
2412-36	Clamp Hose	33	16	1	321-4	Screw - Cap Hex. Hd.	8	4	2
2412-39	Clamp	27	24	1	321-4	Screw - Cap Hex. Hd.	6	5	2
2412-42	Hose Clamp	53	11	1	321-4	Screw - Cap Hex. Hd.	37	7	1
2412-61	Clip - Tinnermann	1	23	2	321-4	Screw - Cap Hex. Hd.	4	30	2
2412-74	Clamp	27	41	1	321-4	Screw - Cap Hex. Hd.	11	72	1
2412-79	Clamp	17	14	1	321-4	Screw - Cap Hex. Hd.	29	36	2
2412-79	Clamp	37	15	1	321-6	Screw - Cap Hex. Hd.	8	12	2
2412-79	Clamp - Hose	45	34	8	321-6	Screw - Cap Hex. Hd.	17	20	1
2412-108	Clamp - Hose	33	28	2	321-6	Screw - Cap Hex. Hd.	4	44	1
2412-108	Clamp - Worm Drive	37	14	1	321-6	Screw - Cap Hex. Hd.	30	67	2
2412-108	Hose Clamp	8	1	5	321-23	Screw - Cap Hex. Hd.	33	14	5
2412-127	Clamp	6	6	4	322-2	Screw - Cap Hex. Hd.	9	21	2
2412-133	R-Clamp	9	3	2	322-4	Screw - Cap Hex. Hd.	31	37	4
251-8	Bearing - Ball	24	6	2	322-4	Screw - Cap Hex. Hd.	14	43	1
251-8	Bearing - Ball	31	46	1	322-5	Screw - Cap Hex. Hd.	27	12	2
251-234	Lock Collar	10	41	2	322-5	Screw - Cap Hex. Hd.	4	29	2
251-252	Ball Bearing	10	40	2	322-5	Screw - Cap Hex. Hd.	1	37	1
251-252	Bearing - Ball	37	33	1	322-6	Screw - Cap Hex. Hd.	6	43	1
251-259	Bearing - Ball	29	10	1	322-8	Screw - Cap Hex. Hd.	29	30	6
251-263	Bearing - Ball	24	25	2	322-8	Screw - HH	2	65	2
251-344	Bearing - Ball	22	4	1	322-10	Screw - Cap Hex. Hd.	53	13	4
251-345	Bearing - Ball	22	13	1	322-10	Screw - Cap Hex. Hd.	29	34	2
251-347	Bearing - Ball	24	12	2	322-17	Screw - Cap Hex. Hd.	29	11	1
251-348	Bearing - Ball	24	3	2	323-6	Screw - Cap Hex. Hd.	14	27	2
251-349	Bearing - Ball	24	17	2	323-6	Screw - Cap Hex. Hd.	19	46	1
251-350	Bearing - Ball	22	18	2	323-7	Screw - Cap Hex. Hd.	29	43	2
252-82	Bearing - Bearing	31	23	2	323-7	Screw - HH	2	68	1
254-65	Cone - Bearing, Tapered	19	30	2	323-9	Screw - Cap Hex. Hd.	26	2	2
254-66	Cup - Bearing, Tapered	19	29	2	323-9	Screw - Cap Hex. Hd.	21	21	2
254-90	Cup - Bearing	19	26	1	323-13	Screw - Cap Hex. Hd.	12	32	1
254-91	Cone - Bearing	18	25	1	323-14	Screw - Cap Hex. Hd.	6	32	3
254-108	Bearing - Tapered Roller	22	31	1	323-14	Screw - Cap, Hex. Hd.	13	56	1
254-109	Bearing - Tapered Roller	22	39	1	323-42	Screw - Cap, Hex. Hd.	13	54	1
256-10	Bushing	12	43	4	323-56	Screw - Cap Hex. Hd.	31	3	4
256-113	Bushing - Flange	10	47	4	324-4	Screw - Cap Hex. Hd.	54	19	2
256-126	Bushing	54	16	6	324-11	Screw - Cap Hex. Hd.	54	22	2
256-156	Bushing	12	6	5	324-11	Screw - Cap Hex. Hd.	39	27	2
281-1	Plug - Taper	45	16	1	324-12	Screw - Cap Hex. Hd.	37	38	2
281-10	Plug - Socket, Hex.	24	27	2	329-7	Screw - Cap Hex. Hd.	38	53	1
283-10	Pin	54	40	3	3210-7	Screw - Cap Hex. Hd.	21	5	1
283-17	Pin	33	26	1	3210-7	Screw - Cap Hex. Hd.	29	9	1
283-42	Clevis Pin	10	7	1	3210-7	Screw - Cap Hex. Hd.	18	19	8
283-58	Pin - Clevis	12	14	2	3217-5	Nut	38	50	1
283-76	Pin - Lynch	7	60	1	3217-6	Nut	53	2	2
285-17	Pipe Plug	31	12	4	3217-6	Nut	1	11	2
289-37	Nipple - Pipe	17	40	1	3217-6	Nut - Hex	4	32	2
2811-9	Street Elbow	17	39	1	3217-6	Nut - Hex	30	57	2
302-2	Grease Fitting	10	39	1	3217-7	Nut - Hex	12	28	2
302-5	Fitting - Grease	54	13	1	3217-8	Nut - Full	54	8	2
302-5	Fitting - Grease	54	34	2	3217-9	Nut - Hex.	19	42	2
302-5	Fitting - Grease	12	44	2	3217-26	Nut	4	37	1

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Part No.	Description	Pg. No.	Ref. No.	Qty.	Part No.	Description	Pg. No.	Ref. No.	Qty.
3218-5	Nut - Jam	12	3	2	3254-6	Washer - Lock	2	71	1
3218-7	Nut - Jam	14	42	1	3254-7	Washer - Lock	10	15	1
3219-1	Nut	37	2	5	3254-9	Washer - Lock	30	58	2
3219-2	Nut	18	1	8	3255-5	Washer - Lock	4	38	1
3219-2	Nut - Hex	29	8	1	3255-7	Washer - Lock Ext. Tooth	4	31	3
3219-3	Nut	10	33	1	3255-7	Washer - Lock	30	59	3
3219-7	Nut	10	16	1	3255-7	Washer - Lock Ext. Tooth	8	21	2
3219-14	Nut	4	1	6	3255-8	Washer - Lock	18	2	8
3219-14	Nut	17	10	1	3255-9	Washer - E.T.L.W.	38	61	1
3220-3	Nut - Jam	12	27	1	3256-3	Washer - Flat	29	32	4
3220-5	Nut - Jam	21	4	1	3256-3	Washer - Flat	14	28	4
3220-5	Nut - Jam	12	46	1	3256-6	Washer - Flat	10	20	1
3220-6	Nut	15	27	1	3256-6	Washer - Flat	19	43	2
3220-6	Nut - Jam	27	31	2	3256-6	Washer - Flat	30	61	1
3229-1	Bolt - Carriage	2	40	6	3256-14	Washer - Flat	4	35	1
3230-1	Bolt - Carriage	13	52	2	3256-22	Washer - Flat	12	8	1
3230-2	Bolt - Carriage	17	29	3	3256-22	Washer - Flat	37	8	1
3231-21	Bolt - Carriage	12	31	2	3256-22	Washer - Flat	7	68	4
3231-25	Screw - Carriage	3	7	4	3256-23	Washer - Flat	9	9	1
3233-14	Bolt - Carriage	39	9	1	3256-23	Washer - Flat	9	22	2
3234-11	Screw - Cap Hex. Hd.	12	39	3	3256-23	Washer - Flat	21	47	4
3234-11	Screw - Cap Hex. Hd.	39	31	4	3256-23	Washer - Flat	2	67	2
3234-11	Screw - Cap Hex. Hd.	37	45	4	3256-24	Washer - Flat	2	70	1
3234-11	Screw - Cap Locking Fl.	1	26	4	3256-25	Washer - Flat	54	6	1
3234-11	Screw - Flange	6	39	2	3256-26	Washer - Flat	12	40	1
3234-11	Screw - Flange Head	17	1	2	3256-28	Washer - Flat	10	14	4
3234-11	Screw w/Locking Flange	9	13	6	3256-41	Washer - Flat	10	36	4
3234-12	Screw - Hex. Hd. Flange	1	8	5	3256-46	Washer - Flat	14	26	2
3234-12	Screw - Lock Flange	39	33	2	3256-64	Washer - Flat	37	25	4
3234-14	Screw - Cap Hex. Hd.	9	6	5	3257-5	Woodruff Key	10	11	3
3234-14	Screw - Cap Hex. Hd.	2	46	2	3257-30	Key - Woodruff	39	3	2
3234-14	Screw - Flange Hex. Hd.	6	16	11	3257-32	Key - Woodruff	31	21	1
3234-17	Screw - Cap Hex. Hd.	14	8	2	3257-32	Key - Woodruff	29	24	1
3234-17	Screw - Cap Hex. Hd.	9	16	4	3257-33	Key - Woodruff	37	30	1
3234-18	Screw - Cap Hex. Hd.	38	60	1	3258-19	Screw - Mach. Rd. Hd.	53	16	2
3234-24	Screw - Flange Hex. Hd.	27	18	3	3269-10	Washer - Backup	6	10	2
3234-24	Screw - HHF	3	4	2	3272-5	Pin - Cotter	12	7	3
3234-25	Screw - Flange, Hex. Hd.	6	18	2	3272-6	Pin - Cotter	33	8	1
3234-25	Screw - Flange Hex. Hd.	27	27	4	3272-6	Pin - Cotter	12	21	6
3234-25	Screw - HHF	3	5	10	3272-7	Pin - Cotter	54	44	1
3234-32	Screw - Flange Hex. Hd.	27	8	6	3272-10	Cotter Pin	10	8	1
3234-32	Screw - w/Locking Flange	9	11	2	3272-10	Pin - Cotter	29	1	1
3234-33	Screw - Hex. Flange	2	61	1	3272-10	Pin - Cotter	54	38	3
3241-5	Screw - Set Socket Head	37	36	2	3272-11	Cotter Pin	10	28	1
3241-5	Screw - Set, Sq. Hd.	29	25	2	3272-11	Pin - Cotter	54	2	2
3245-1	Set Screw	10	46	2	3272-11	Pin - Cotter	21	9	3
3246-3	Set Screw	10	29	4	3272-16	Pin - Cotter	39	14	2
3249-11	Screw - Mach. Rd. Hd.	29	5	2	3272-17	Pin - Cotter	24	31	2
3250-17	Screw - Pan Hd.	4	22	2	3272-22	Cotter Pin	10	17	2
3253-3	Washer - Lock	25	8	6	3272-24	Cotter Pin	54	10	1
3253-3	Washer - Lock	17	5	2	3272-33	Pin - Cotter	54	17	1
3253-3	Washer - Lock	39	35	4	3274-8	Screw - Cap Hex. Hd.	21	39	6
3253-3	Washer - Lock	21	38	6	3274-8	Screw - Cap Soc. Hd.	25	7	6
3253-3	Washer - Lock	38	51	3	3274-47	Screw - Flat Hd. Socket	12	33	1
3253-4	Washer - Lock	1	9	2	3274-69	Screw - Hex. Socket Hd.	7	57	6
3253-4	Washer - Lock	39	21	5	3290-55	Rivet	6	11	4
3253-4	Washer - Lock	37	47	2	3290-134	Screw - Hex. Hd. Mach.	4	4	2
3253-4	Washer - Lock	21	31	1	3290-144	Screw - HH	2	55	3
3253-6	Washer - Lock	54	7	2	3290-144	Screw - Machine	1	13	6
3253-17	Washer - Lock	4	3	6	3290-224	Washer - Lock	38	59	1
3253-17	Washer - Lock	17	9	1	3290-357	Nut - Lock Flange	39	7	8
3253-21	Washer - Lock	12	29	4	3290-357	Nut - Lock Flange	9	14	6
3253-21	Washer - Lock	29	44	2	3290-357	Nut - Lock Flange	1	24	4
3253-21	Washer - Lock	19	45	1	3290-357	Nut - Lock Flange	37	43	7
3253-21	Washer - Lock	11	55	4	3290-378	Cable Tie	8	8 A/R	
3254-2	Washer - I.T.L.W.	2	52	1	3290-378	Tie - Cable	1	22	2
3254-2	Washer - Lock Int. Tooth	37	18	2	3290-379	Cable Tie	37	16	1
3254-2	Washer - Lock Int. Tooth	4	24	6	3290-379	Cable Tie	4	41	1

*Not Illustrated

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3290-379	Tie - Cable	6 31 4	32128-37	Nut - Lock Flange	37 44 2
3290-379	Tie - Cable	27 34 1	32128-42	Nut	54 27 4
3290-424	Screw - Hex. Hd. Mach.	4 28 1	32128-43	Nut - Hex. Flange	13 55 2
3296-2	Nut - Lock	1 18 6	32136-2	Nut	54 3 2
3296-2	Nut - Lock	2 56 3	32136-3	Nut - Hex. Slotted	39 13 2
3296-6	Nut - Lock	10 34 1	32136-13	Nut - Slotted	21 10 3
3296-12	Nut - Lock	4 26 3	32144-10	Screw - Hex. Hd. Self Tap	9 33 2
3296-16	Nut - Lock	11 74 1	32144-10	Screw - Hex. Self Tapping	33 4 2
3296-20	Nut - Lock	37 5 1	32144-10	Screw - Hex. Thd. Form	14 6 6
3296-20	Nut - Lock	27 28 2	32144-10	Screw - Self-Tapping	2 47 11
3296-20	Nut - Lock	14 30 4	32144-10	Screw - Thread Forming	27 17 4
3296-28	Nut - Lock	10 27 1	32144-14	Screw - Self Tapping	27 6 1
3296-29	Nut - Hex. Lock	2 66 2	32144-21	Screw	14 45 1
3296-29	Nut - Lock	29 7 1	32144-53	Screw - Thread Forming	17 11 5
3296-29	Nut - Lock	53 21 4	32144-67	Screw - Cap Thd. Forming	17 36 4
3296-29	Nut - Lock	14 36 2	32146-20	Nut	27 14 1
3296-39	Nut - Lock	21 19 2	32148-9	Insert - Threaded	3 12 1
3296-39	Nut - Lock	2 69 1	32148-9	Nut - Clinch	2 64 1
3296-42	Nut - Lock	33 10 5	32149-2	Nut	8 9 2
3296-42	Nut - Lock	29 12 6	32149-2	Nut	8 22 2
3296-43	Nut - Lock	21 3 1	32149-2	Nut	12 37 1
32103-2	Nut - Wing	1 17 3	32149-2	Nut - Lock	4 33 3
32103-2	Nut - Wing	6 51 2	32151-46	Ring - Retaining	31 27 2
32104-6	Screw - Hex. Hd. Tapping	11 56 4	32151-104	Ring - Retaining	27 39 1
32104-96	Screw - Cap Hex. Hd.	17 6 1	32152-1	Nut - Lock	29 28 8
32104-109	Screw - HH	7 66 4	32152-1	Nut - Lock Flange	37 12 1
32104-116	Screw - Self Tapping	6 20 4	32153-2	Nut - Hex.	14 11 2
32107-11	Nut	53 14 2	32153-2	Nut - Lock	26 7 2
32111-8	Nut - Acorn	6 8 2	32153-2	Nut - Lock	12 30 2
32120-8	Ring - Retaining	31 1 1	32153-2	Nut - Lock	38 57 1
32120-11	Ring - Retaining	31 47 1	33014-00	Nut - Hex.	37 19 2
32120-15	Ring - Retaining	31 45 1	33014-00	Nut - Hex.	40 19 3
32120-22	Ring - Retaining	10 42 2	33014-00	Nut - Hex.	39 20 4
32120-22	Ring - Retaining Internal	37 34 1	33014-00	Nut - Hex.	46 64 1
32120-69	Ring - Retaining External	37 35 1	33094-00	Washer - Flat	21 30 1
32120-72	Ring - Retaining	30 53 1	33104-040	Screw-HFH	21 32 1
32121-6	Pin - Roll	12 24 1	33113-020	Screw - Cap Hex. Hd.	38 63 2
32121-6	Pin - Roll	30 62 1	33114-016	Screw - Cap	40 51 15
32121-9	Pin - Roll	10 49 1	33114-060	Screw - Cap	41 59 1
32121-15	Pin - Roll	19 32 1	340-54	Fitting	27 29 1
32121-24	Pin - Roll	29 2 1	340-70	Nut - Lock Bulkhead	6 34 2
32121-34	Pin - Roll	26 1 1	340-71	Union - Bulkhead	6 33 2
32121-73	Pin - Slotted Spring	33 9 1	340-77	Elbow - Fitting	29 21 1
32121-84	Pin - Roll	54 25 2	340-92	Adapter - Straight	29 19 3
32121-91	Pin - Coil ,Spring	31 49 3	340-97	Elbow - Fitting	27 19 1
32128-19	Nut - Lock Flange	1 7 6	340-97	Fitting - 90°	33 25 1
32128-20	Nut - Flange	17 37 3	340-99	Elbow - Fitting	29 22 1
32128-20	Nut - Flange	14 41 1	340-99	Fitting - 90° Elbow	33 12 1
32128-20	Nut - Lock Flange	2 39 1	340-110	Elbow - 90°	33 24 1
32128-20	Screw - Flange Hex. Hd.	6 29 11	340-112	Elbow - 90°	33 18 1
32128-21	Nut - Flange	27 25 4	340-143	Elbow - Swivel	29 15 1
32128-21	Nut - Flange	6 36 4	353-508	Plug - Drain	29 49 1
32128-21	Nut - Lock HFH	3 9 4	353-512	Plug	33 1 1
32128-23	Nut - Lock Flange	27 10 4	353-550	Plug - Hex. Hd.	31 19 2
32128-23	Nut - Lock Flange	39 16 1	353-551	Plug - Hex. Hd.	31 32 1
32128-23	Nut - Lock Flange	37 24 2	353-702	Hose Barb	8 18 1
32128-25	Nut - Flange Lock	13 53 2	353-975	Hose Barb	8 6 1
32128-32	Nut - Flange	6 9 8	353-987	Elbow - Fitting	29 45 1
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*Not Illustrated

PRODUCT CHANGES

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

IDENTIFICATION AND ORDERING

MODEL AND SERIAL NUMBERS

The Groundsmaster 325D 4 Wheel Drive has two identification numbers; a model number and a serial number. The two numbers are stamped on a plate which is located on the main frame under the seat. In any correspondence concerning the Groundsmaster 325D 4 Wheel Drive – supply model and serial numbers to assure that correct information and replacement parts are obtained.

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

1. Model and serial number of the Groundsmaster 325D 4 Wheel Drive.
2. Part number – description – and the quantity of part(s) desired.

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

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