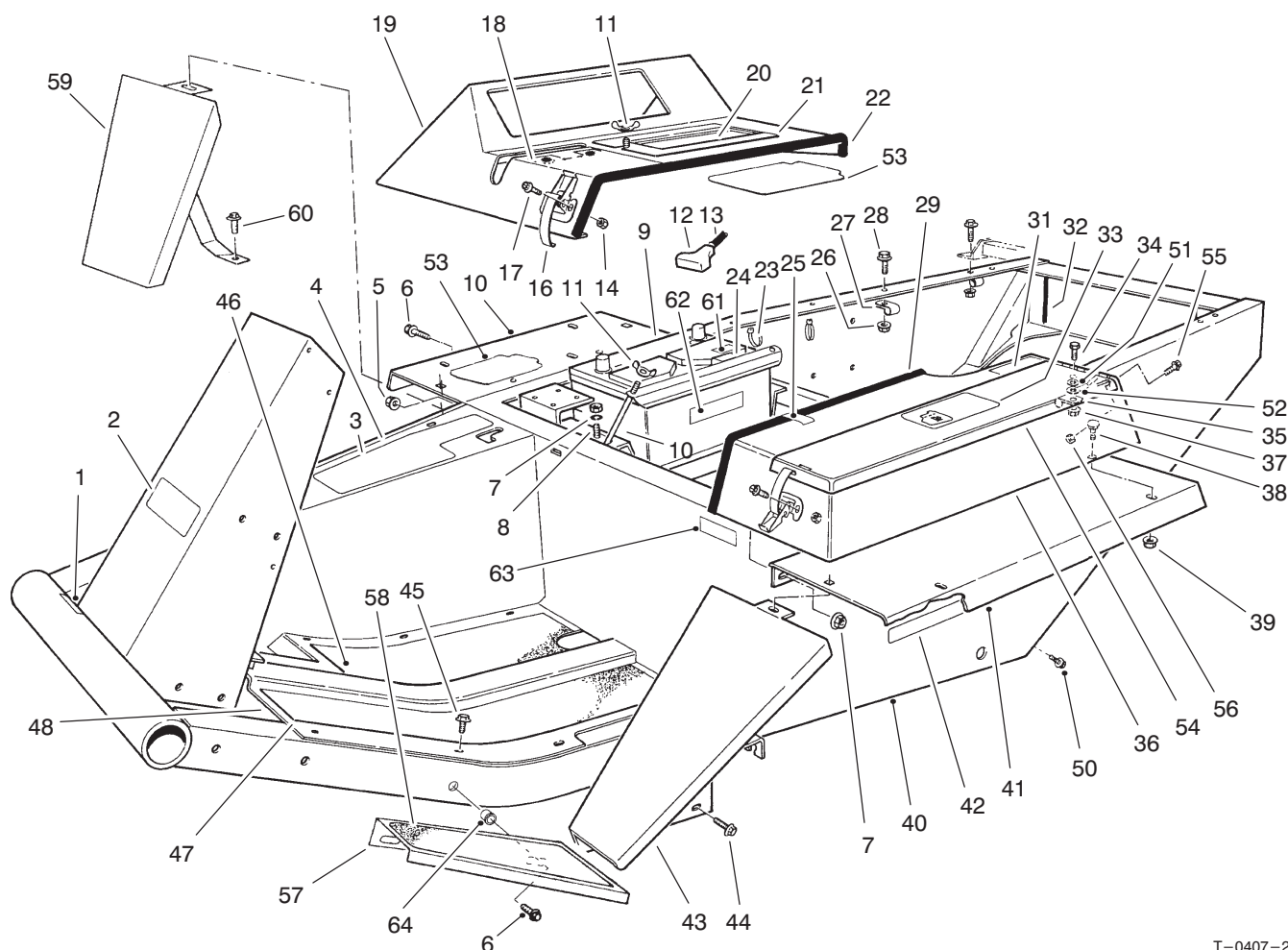


TORO®

MODEL NO. 30739-200000001 & UP

PARTS CATALOG

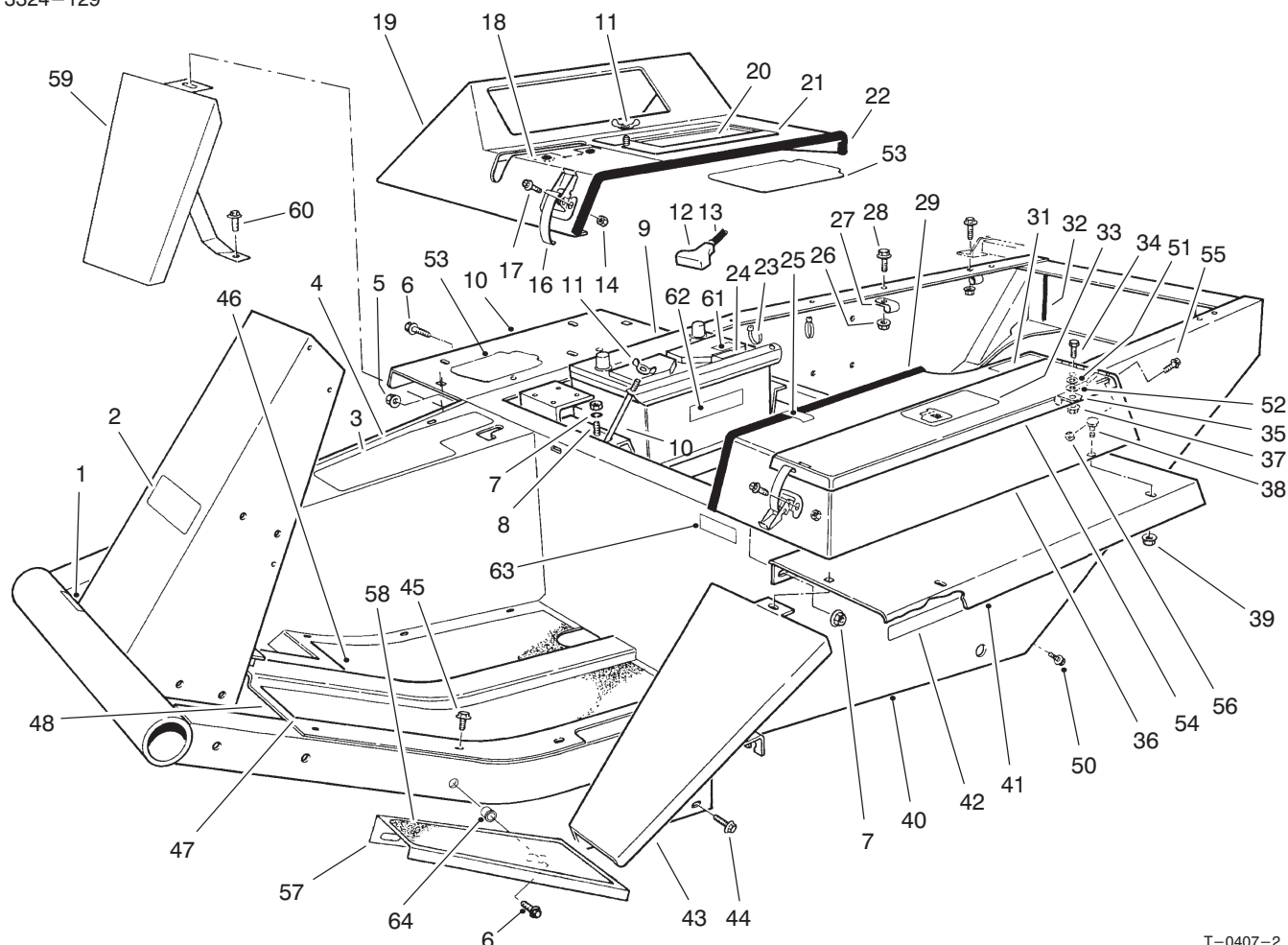
GROUNDMASTER® 325D Intl. 2WD TRACTION UNIT



T-0407-2

MAIN FRAME ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	93-7836	Decal - Traction Pedal	1	18	93-7806	Decal - Power Take off	1
2	70-2200	Decal - Toro	1	19	38-4550	Instrument Cover	1
3	93-7832	Decal - Caution	1	20	95-2746	Decal - Starting Instructions	1
4	21-2660	Footrest	1	21	24-9740	Cover - Battery Access	1
5	32128-21	Nut - Flange	10	22	39-8020	Trim - Instrument Cover	1
6	3234-12	Screw - HHF	5	23	3290-378	Cable Tie	2
7	3217-6	Nut - Hex.	2	24	24-6420	Hold Down - Battery	1
8	3253-4	Washer - Lock	2	25	2412-61	Clip - Tinnerman	2
9	63-9230	Battery Type MF24-78, Dry	1	26	3290-357	Nut - Flange	5
10	24-6390	Stud - Battery Hold Down	2	27	2412-4	Clamp	3
11	32103-2	Nut - Wing	3	28	3234-11	Screw - HHF	5
12	28-1280	Boot - Cable	1	29	37-9650	Trim	1
13	70-1180	Cable - Battery Positive (Incl. Ref. #12)	1	31	93-6680	Decal - Diesel Fuel	1
14	3296-2	Nut	6	32	43-4300	Trim - Rear Frame	2
16	249-21	Hook Clamp	3	33	93-78222	Decal - Refueling	1
17	3290-144	Screw - Machine	6	34	322-5	Screw - HH	1
				35	2412-74	Clamp	1



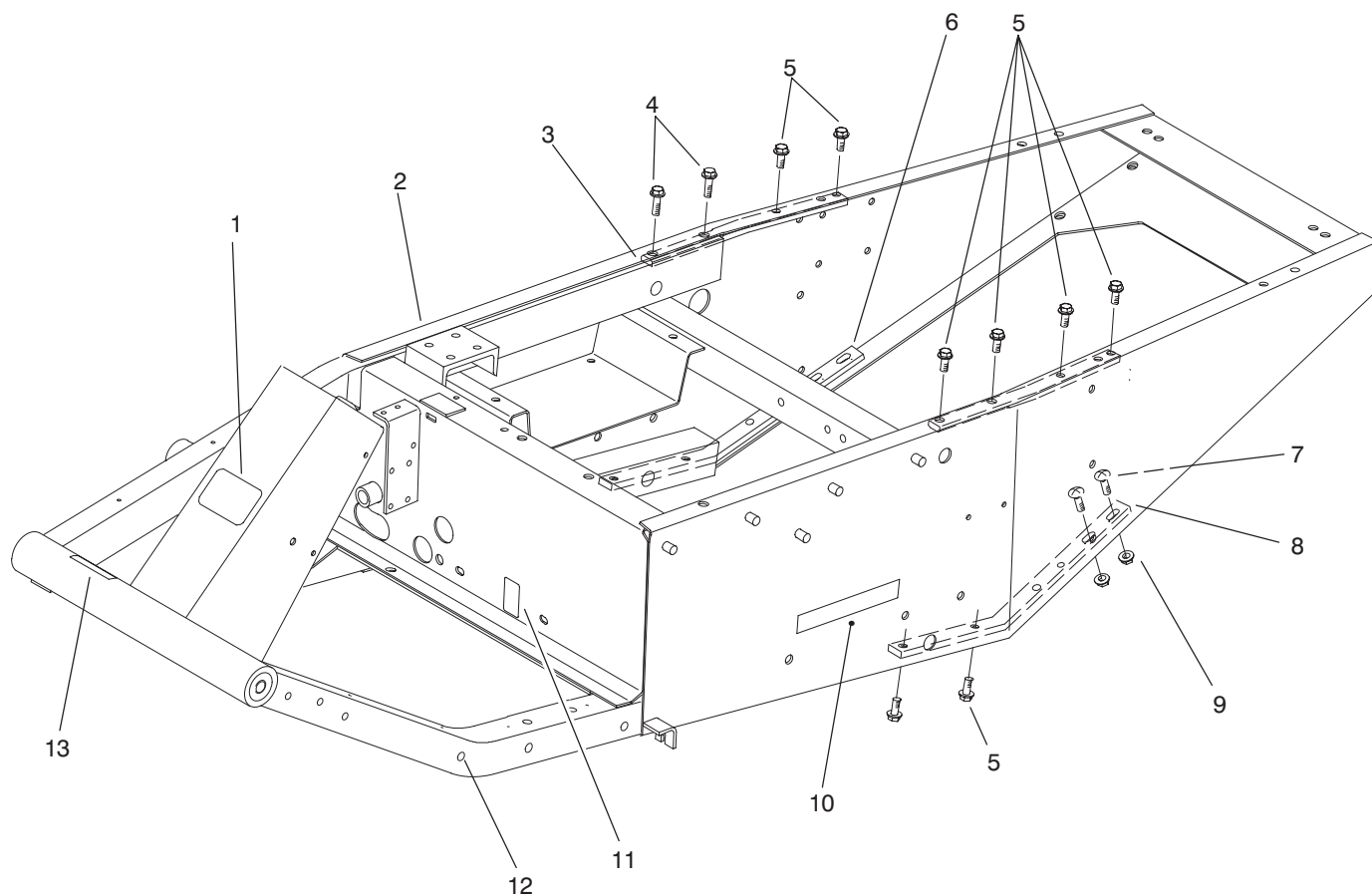
T-0407-2

MAIN FRAME ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
36	93-3183	Tool Box (Incl. Ref. #30)	1	51	3254-2	Washer - Lock, Int. Tooth	1
37	32128-20	Nut - Flange	1	52	18-2770	Cable - Ground	1
38	3229-1	Bolt - Carriage	6	53	92-7801	Shield - Battery Cover	2
39	32128-33	Nut - Flange	6	54	93-3184	Cover (Incl. Ref. #33)	1
†40	94-2689	Frame (Incl. Ref. #1-2, 42 & 50)	1	55	3290-144	Screw - HH	3
41	72-3690	Fender	2	56	3296-2	Nut - Lock	3
42	93-7830	Decal - Torque	2	57	93-7410	Panel - Footrest	1
43	68-8610	Fender - Extension	1	58	66-3200	Tread - Foot, LH	1
44	3234-14	Screw - HH	2	59	93-7626	Fender - RH	1
45	32144-10	Screw - Tap	11	60	3234-33	Screw - Flange	1
46	21-2770	Pad - Foot Rest R.H.	1	61	93-7276	Decal - Danger	1
47	21-2760	Pad - Foot Rest L.H.	1	62	93-6668	Decal - Charging	1
48	88-0070	Floor Plate	1	63	93-7252	Decal - CE	1
50	3234-25	Screw - HHF	4	■64	32148-9	Nut - Clinch	1

† Includes item 42, page 15.

■ Special tool required.

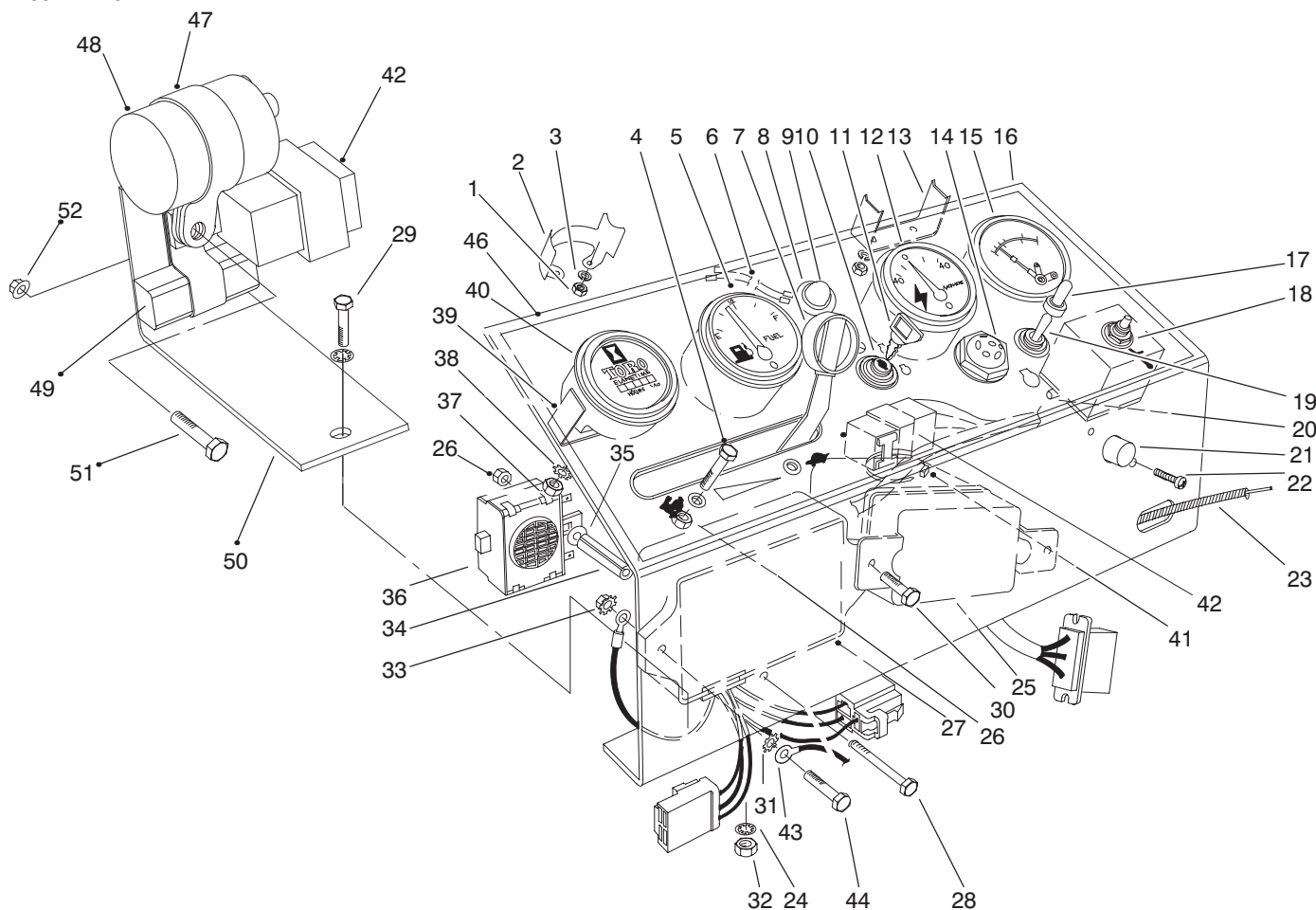


T-2802

Main Frame Assembly (Continued)

Ref. No.	Part No.	Qty.	Description
1	70-2200	1	Decal-Toro
2	98-3879	1	Asm-Frame (Incl. Ref. #1 & 3-13)
3	98-3866	2	Brace Upper
4	3234-24	2	Screw-HHF
5	3234-25	10	Screw-HHF
6	98-3865	1	Brace-Lower Right
7	3231-25	4	Screw-Carriage

Ref. No.	Part No.	Qty.	Description
8	98-3864	1	Brace-Lower Left
9	32128-21	4	Nut-Lock HFH
10	93-7830	2	Decal-Torque
11	100-6552	1	Decal-Oil Fill
12	32148-9	1	Insert-Threaded
13	93-7836	1	Decal-Traction Pedal



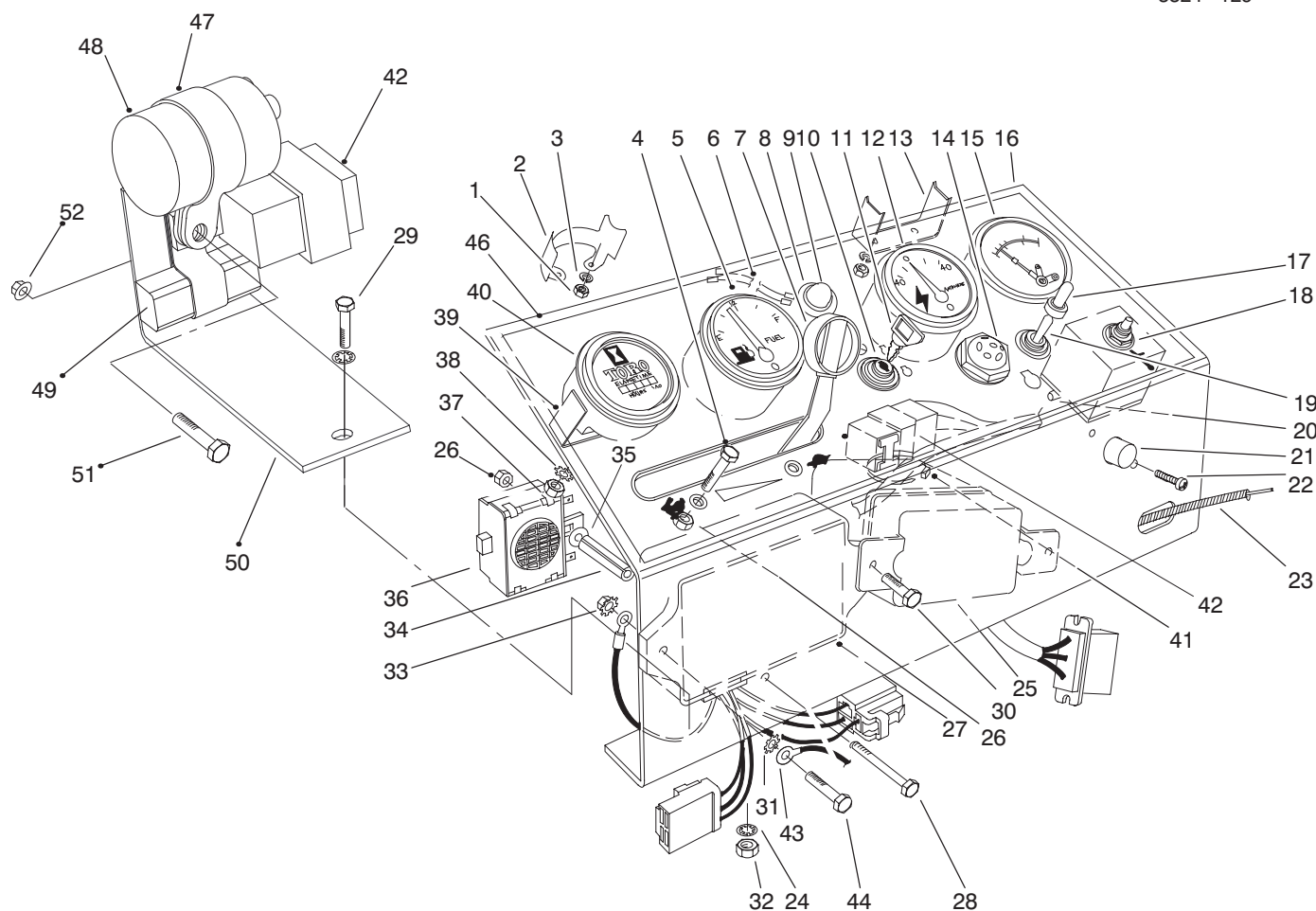
T-0408-5

INSTRUMENT PANEL ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3219-14	Nut - Hex.	6
2	38-1670	Clamp - Mounting	2
3	3253-17	Washer - Lock	6
4	3290-134	Screw - HH	2
5	38-1650	Gauge - Fuel (Incl. Ref. #1-3)	1
6	44-2220	Wire Lead	1
7	233-35	Knob	2
8	44-2210	Light - Warning (Incl. Ref. #9)	1
9	218-533	Lens	1
10	99-2319	Switch - Key	1
11	63-8360	Key	1
12	38-1660	Ammeter (Incl. Ref. #1-3)	1
13	218-539	Clamp	1
14	42-9190	Lamp - Glow	1
15	26-6750	Gauge - Engine Temp. (Incl. Ref. #1, 3, & 13)	1
16	43-3970	Panel - Instrument	1
17	218-473	Boot - Switch, Toggle	1
18	26-6740	Relay - Temperature Reset	1
19	6-1659	Switch - Toggle (Incl. Ref. #17)	1
†20		Fuse - Temp. Relay	1
		14 Amp. SFE	1
21	43-4000	Circuit Breaker	1

Ref. No.	Part No.	Description	No. Used
22	3250-17	Screw - PH	2
23	43-3990	Throttle Control (Incl. Ref. #7)	1
24	3254-2	Washer - Lock, Int. Tooth	6
25	43-0410	Asm. - Regulator	1
26	3296-12	Nut - Lock	3
27	43-1880	Asm. - Control Unit	1
28	3290-424	Screw - HH	1
29	322-5	Screw - HH	2
30	321-4	Screw - HH	2
31	3255-7	Washer - Lock, Ext. Tooth	3
32	3217-6	Nut - Hex	2
33	32149-2	Nut - Lock	3
34	43-3820	Spacer	1
35	3256-14	Washer - Flat	1
36	22-7820	Asm. - Buzzer	1
37	3217-26	Nut - Hex.	1
38	3255-5	Washer - Lock	1
39	218-515	Bracket - Mounting	1
40	66-2950	Hour Meter (Incl. Ref. #37-39)	1
41	3290-379	Cable Tie	1
42	70-1480	Relay	2
43	70-1190	Cable - Ground	1
44	321-6	Screw - HH	1
46	93-7813	Decal - Instrument Panel	1

†Obtain Locally

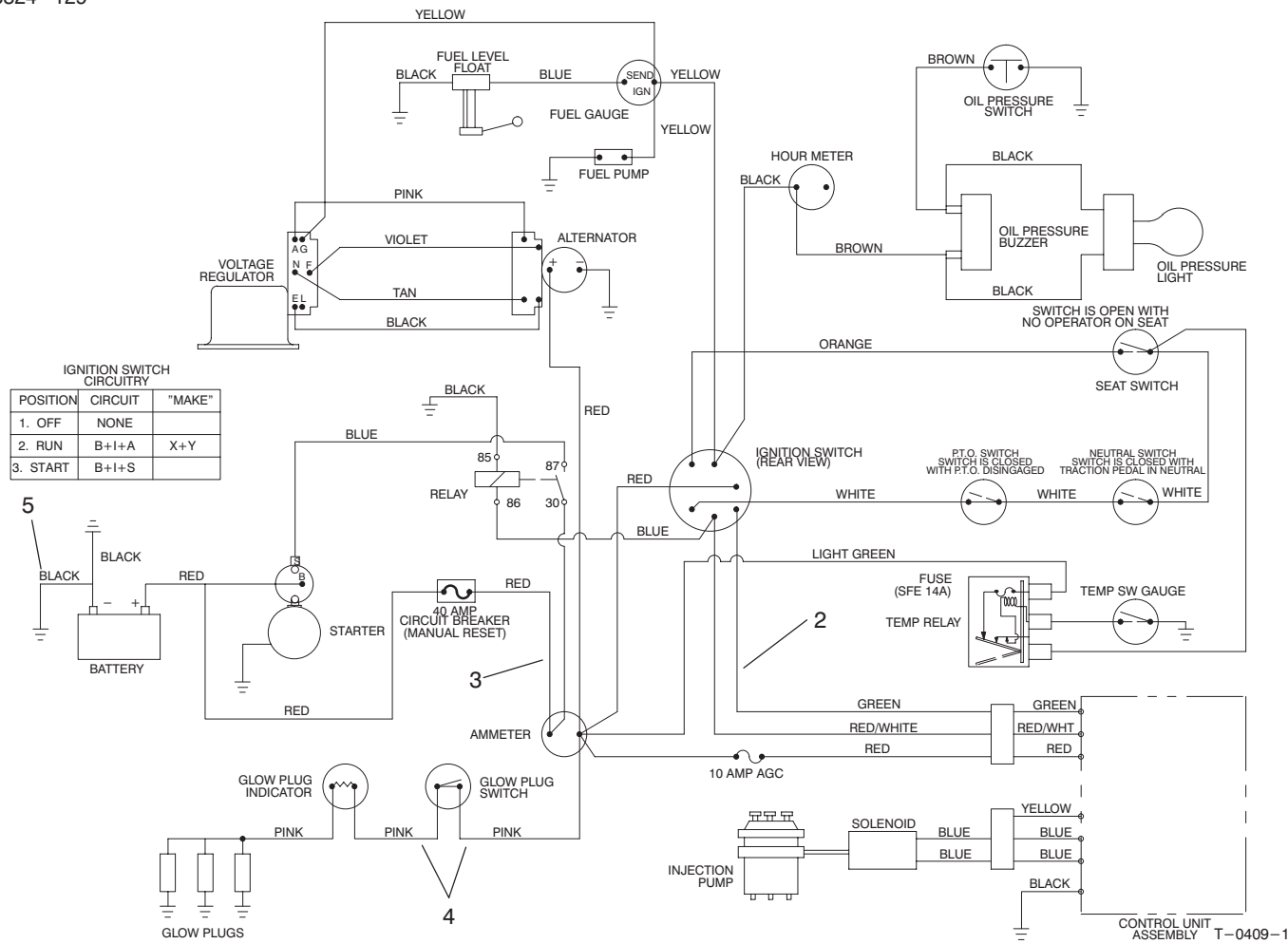


T-0408-5

INSTRUMENT PANEL ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
47	2412-74	Clamp	1	50	100-6560	Bracket-Capacitor	1
48	37-2690	Capacitor	1	51	3234-4	Screw	1
49	38-2860	Resistor	1	52	32128-33	Nut	1

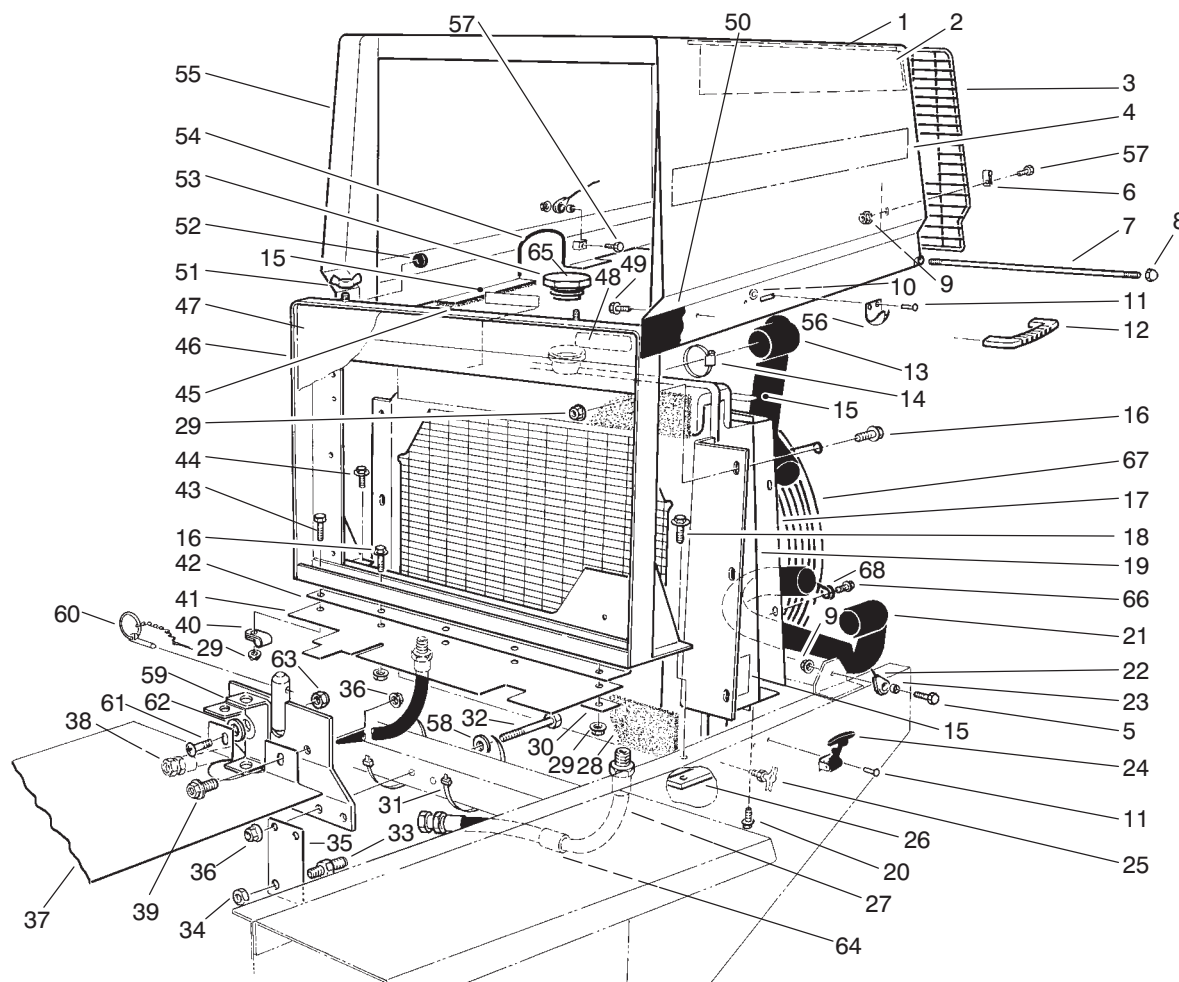
†Obtain Locally



ELECTRICAL SCHEMATIC

Ref. No.	Part No.	Description	No. Used
2	100-9978	Asm. - Wire Harness	1
3	43-4040	Asm. - Wire	1

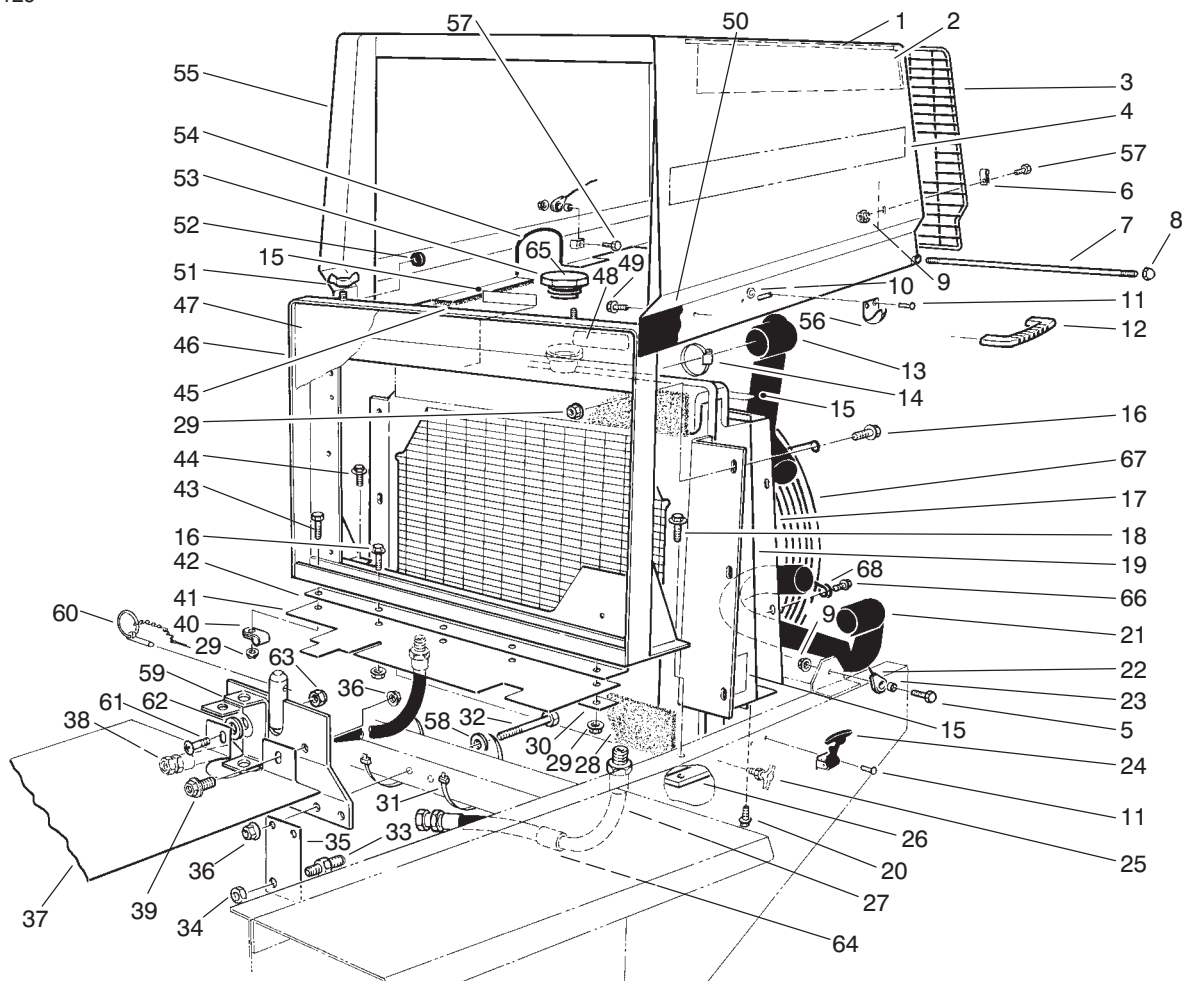
Ref. No.	Part No.	Description	No. Used
4	43-4010	Asm. - Wire	2
5	70-1190	Ground Cable	1



T-1185-1

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	Asm. - Hose, 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 - HHF	11
4	93-3188	Decal - Groundsmaster	2	30	67-8470	Strip - Retainer	1
5	321-4	Screw - HH	2	31	3290-379	Tie - Cable	4
6	2412-127	Clamp	4	32	323-14	Screw - HH	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	5
11	3290-271	Rivet	4	37	88-3390	Plate - Sealing	1
12	65-5100	Handle - Hood	1	38	63-8960	Asm. - Hose, Valve/Cooler	1
13	43-3350	Hose - Upper Radiator	1	39	3234-11	Screw - Flange	1
14	2412-3	Clamp - Hose	4	40	2412-39	Clamp	1
15	93-7272	Decal - Warning	3	41	67-8570	Strip - Sealing	1
16	3234-14	Screw - HHF	11	42	43-3340	Plate - Sealing, Grille	1
17	43-3330	Shroud - Radiator	1	43	322-6	Screw - HH	1
18	3234-1	Screw - HHF	2	44	11-0590	Screw - Tap	2
19	33-2570	Asm. - Radiator	1	45	82-8950	Foam - Flange Hood	2
20	32104-116	Screw - Tap	4	46	67-8870	Support - Radiator	1
21	43-7020	Hose - Lower Radiator	1	47	67-9030	Grille	1
22	77-3170	Stop - Hood Cable	2	48	93-7821	Decal - Radiator Coolant	1
23	77-5250	Spacer - Hood Cable	4	49	46-8091	Screw - Flange	2
24	249-39	Latch - Flexible Draw	1	50	77-5141	Decal - Hood LH	1
25	304-46	Drain Cock	1	*	77-5151	Decal - Hood RH	1
26	38-4600	Bar - Frame LH	1	51	32103-2	Nut - Wing	2

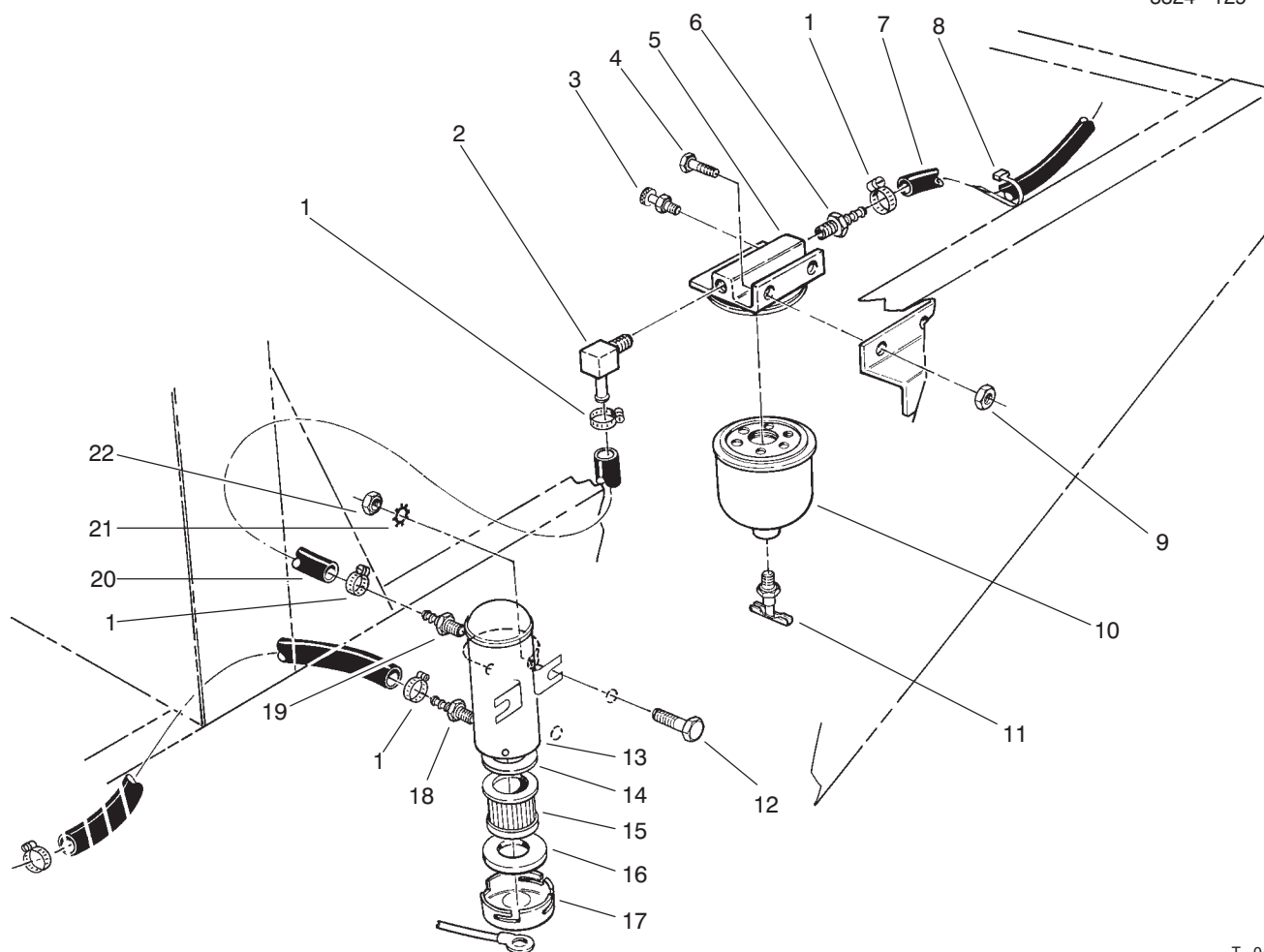


T-1185-1

RADIATOR & HOOD ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
52	237-141	Bumper - Radiator	2	61	32122-16	Screw - Truss Hd.	1
53	66-3240	Cap - Radiator	1	62	88-3370	Spacer - Sealing Plate	1
54	66-8111	Trim - Hood Cutout	1	63	3296-59	Nut - Lock	1
55	14-4149	Hood	1	64	38-3400	Guard - Rubber	1
56	249-40	Keeper	1	65	93-7840	Decal - Radiator Cap	1
57	3274-69	Screw - Socket Hd.	6	66	32104-109	Screw - Hex. Hd.	4
58	5-0838	Washer - Flat	3	67	93-9729	Guard - Fan	1
59	86-9410	Bracket - Seat Support	1	68	3256-22	Washer - Flat	4
60	283-76	Pin - Lynch	1				

*Not Illustrated

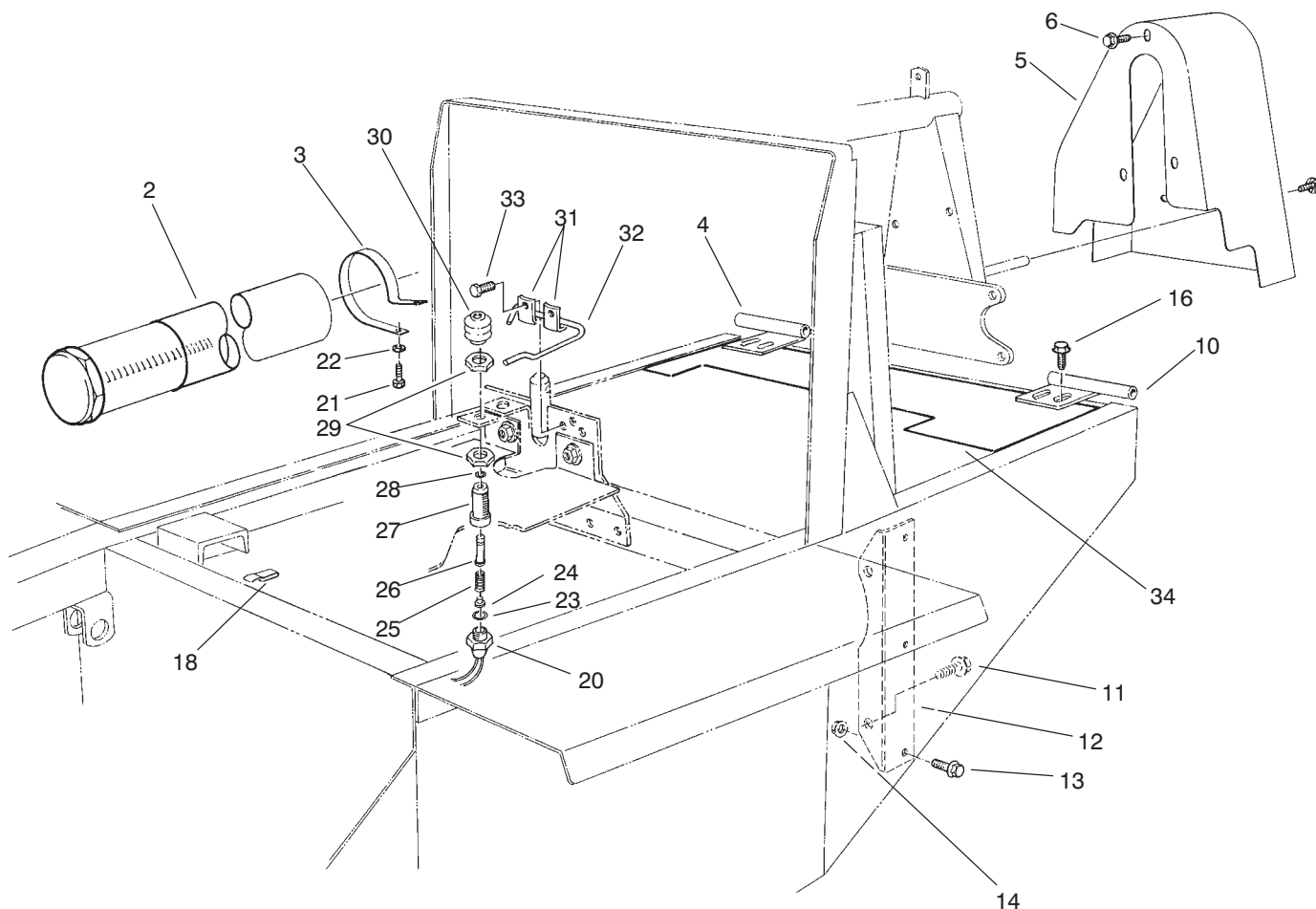


T-0411-1

FUEL FILTER ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	2412-108	Hose Clamp	5	13	53-8150	Asm. - Fuel Pump, Electric (Incl. Ref. #14-17)	1
2	304-96	90° Hose Barb	1	14	43-2570	Gasket	1
3	63-8290	Vent	1	15	43-2550	Filter	1
4	321-4	Screw - HH	2	16	43-2560	Gasket	1
5	63-8280	Asm. - Head	1	17	43-2580	Magnet	1
6	353-975	Hose Barb	1	18	353-702	Hose Barb	1
7	63-9720	Hose	1	19	304-73	Hose Barb	1
8	3290-378	Cable Tie	A/R	20	63-9650	Hose	1
9	32149-2	Nut	2	21	3255-7	Washer - Lock, Ext. Tooth	2
10	63-8300	Element - Fuel Filter (Incl. Ref. #11)	1	22	32149-2	Nut	2
11	63-8310	Drain Valve	1	*	95-3092	400 Hour Filter Kit (Incl. Ref. #10 & 15)	1
12	321-6	Screw - Cap Hex. Hd.	2				

*Not Illustrated



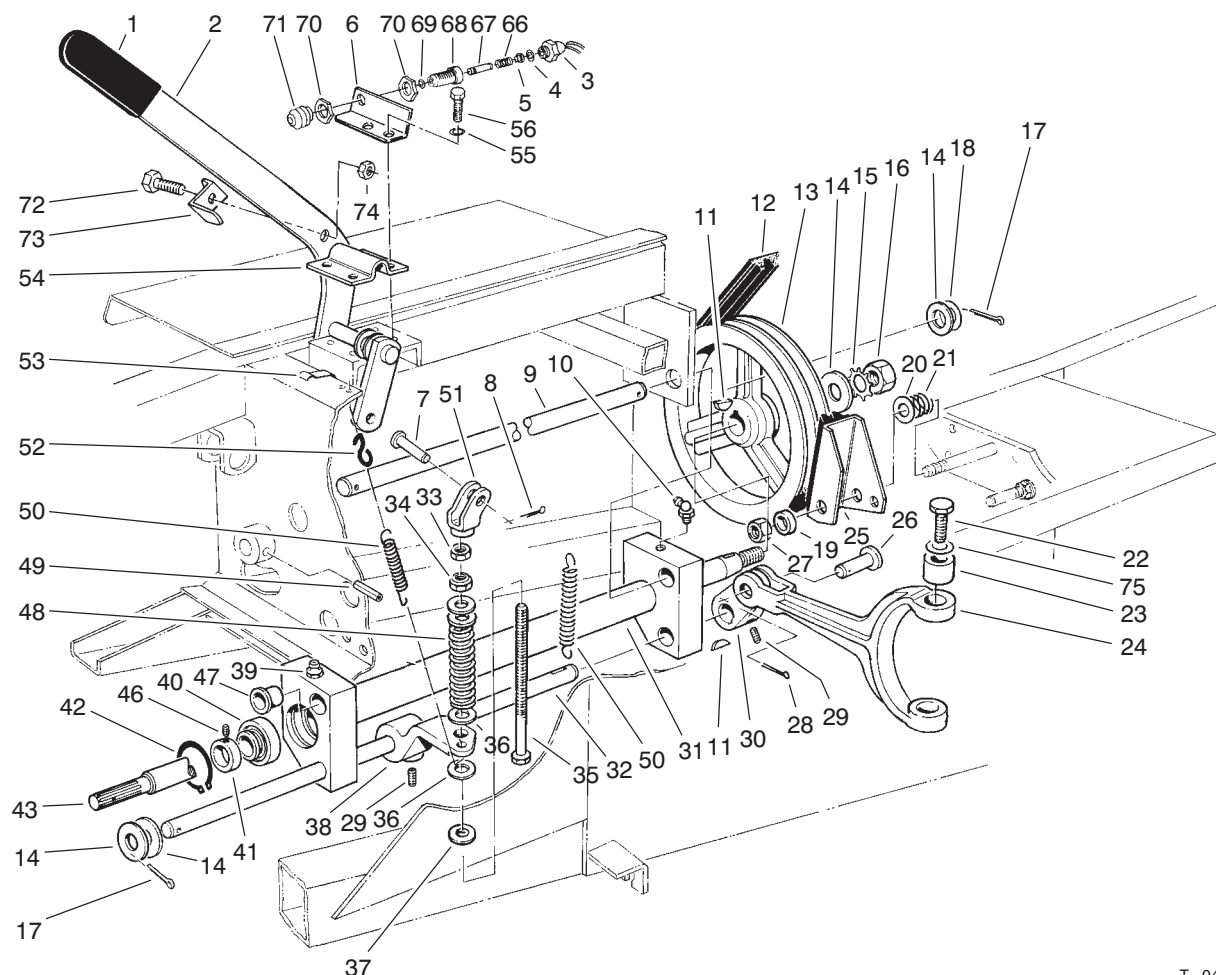
T-1186-1

INTERLOCK ASSEMBLY

Ref. No.	Part No.	Description	No. Used
2	74-0720	Tube - Manual	1
3	2412-133	R-Clamp	2
4	67-8820	Hinge, R.H.	1
5	43-3900	Guard - Fan Belt	1
6	3234-14	Screw - HH	5
10	67-8810	Hinge L.H.	1
11	3234-32	Screw - Flange	2
12	67-8190	Bracket - Engine Support	2
13	3234-11	Screw - Flange	6
14	3290-357	Nut - Flange	6
16	3234-17	Screw - HH	4
18	212-93	Wire Clip	2
20	72-4320	Switch - Ball	1
21	322-2	Screw - HH	2
22	3256-23	Washer - Flat	2

Ref. No.	Part No.	Description	No. Used
23	237-30	O-Ring	1
24	43-8610	Guide - Spring & Ball Seat	1
25	43-8600	Spring - Compression	1
26	43-8860	Plunger - Switch	1
27	43-8620	Guide - Switch Pin	1
28	237-7	O-Ring	1
29	218-461	Nut - Jam	1
30	43-8870	Boot - Switch	1
31	3-6657	Clip	2
32	86-7040	Rod - Seat Prop	1
33	32144-10	Screw - Tap	2
34	93-8472	Guard - Flywheel	1
*	43-9071	Asm. - Switch (Incl. Ref. #20, 23-30; Qty. 1 of #29)	1

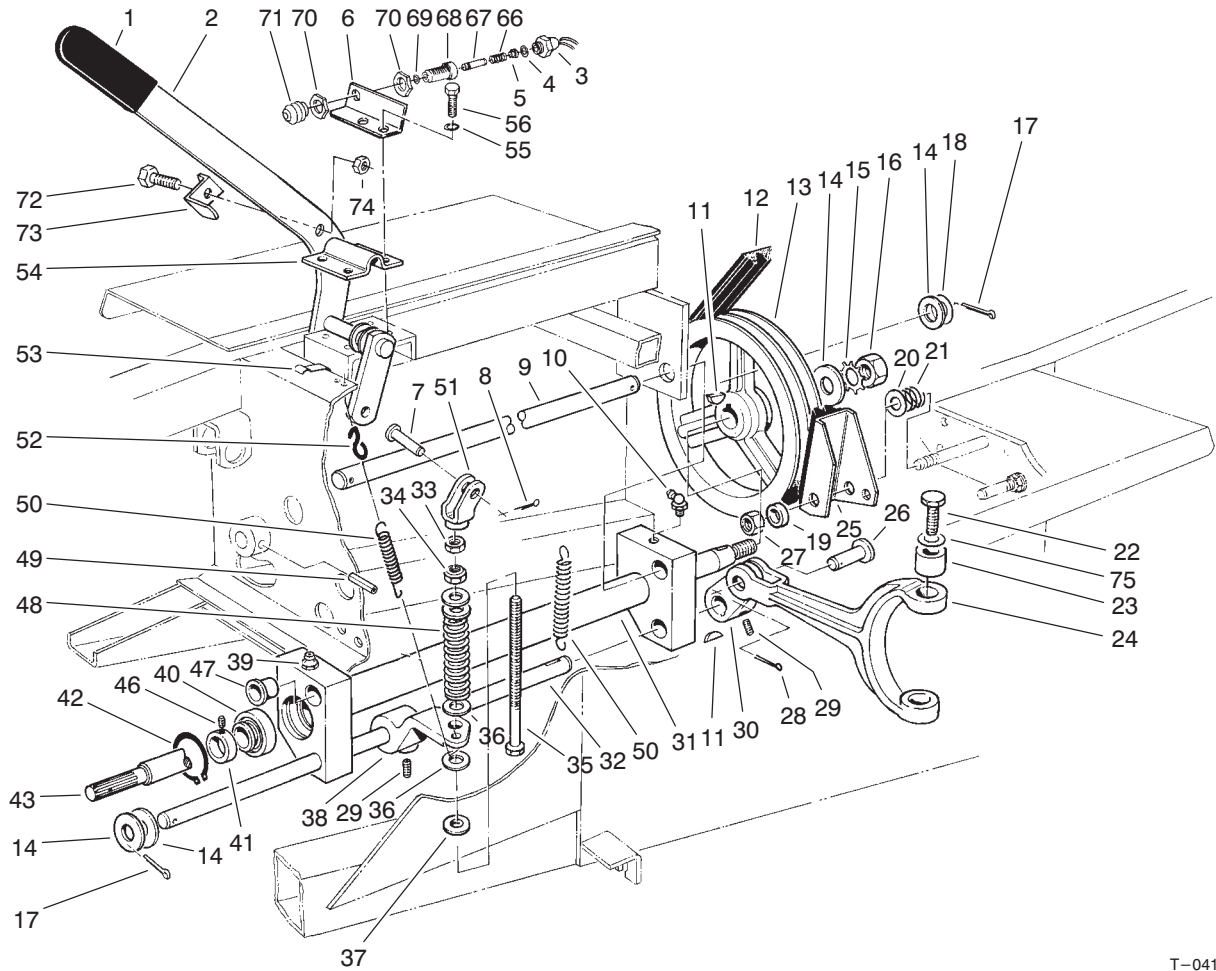
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T-0413-2

POWER TAKE OFF (PTO) ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	21-1880	Grip - Handle	1	27	3296-28	Nut - Lock	1
2	84-8500	Lever - PTO	1	28	3272-11	Pin - Cotter	1
3	72-4320	Switch - Ball	1	29	3246-3	Screw - Set	4
4	237-30	O-Ring	1	30	92-4058	Arm - PTO	1
5	43-8610	Guide - Spring & Ball Seat	1	31	43-5500	Pivot - PTO	1
6	84-8520	Bracket - PTO Switch	1	32	43-5550	Shaft - Actuator, PTO	1
7	283-42	Pin - Clevis	1	33	3219-3	Nut - Hex.	1
8	3272-6	Pin - Cotter	1	34	3296-6	Nut - Lock	1
9	43-3860	Shaft - Pivot, PTO	1	35	27-7900	Screw - Adjusting	1
10	302-10	Fitting - Grease	1	36	3256-41	Washer - Flat	4
11	3257-5	Key - Woodruff	3	37	5-0652	Spacer	1
12	53-9660	V-Belt Torque Team	1	38	43-5570	Arm - Actuator, PTO	1
13	21-0230	Pulley - PTO	1	39	302-2	Fitting - Grease	1
14	3256-28	Washer - Flat	4	40	251-252	Bearing - Ball	2
15	3254-7	Washer - Lock	1	41	251-234	Collar - Lock	2
16	3219-7	Nut - Hex.	1			(Incl. Ref. #41)	
17	3272-22	Pin - Cotter	2			(Incl. Ref. #46)	
18	3-6498	Washer	A/R	42	32120-22	Ring - Retaining	2
19	3-8812	Spacer	1	43	43-5540	Shaft - PTO	1
20	3256-6	Washer - Flat	1	46	3245-1	Screw - Set	2
21	5-1747	Spring	1	47	256-113	Bushing - Flange	4
22	92-5727	Screw - HH	2	48	21-0400	Spring - Compression	1
23	92-5723	Bushing - PTO Fork	2	49	32121-9	Pin - Roll	1
24	92-4060	Fork - PTO	1	50	21-1830	Spring - Tension	2
25	27-7370	Asm. - Brake, PTO	1	51	43-5630	Yoke - PTO	1
26	93-3769	Pin - Clevis	1	52	5-0701	Anchor - Spring	1



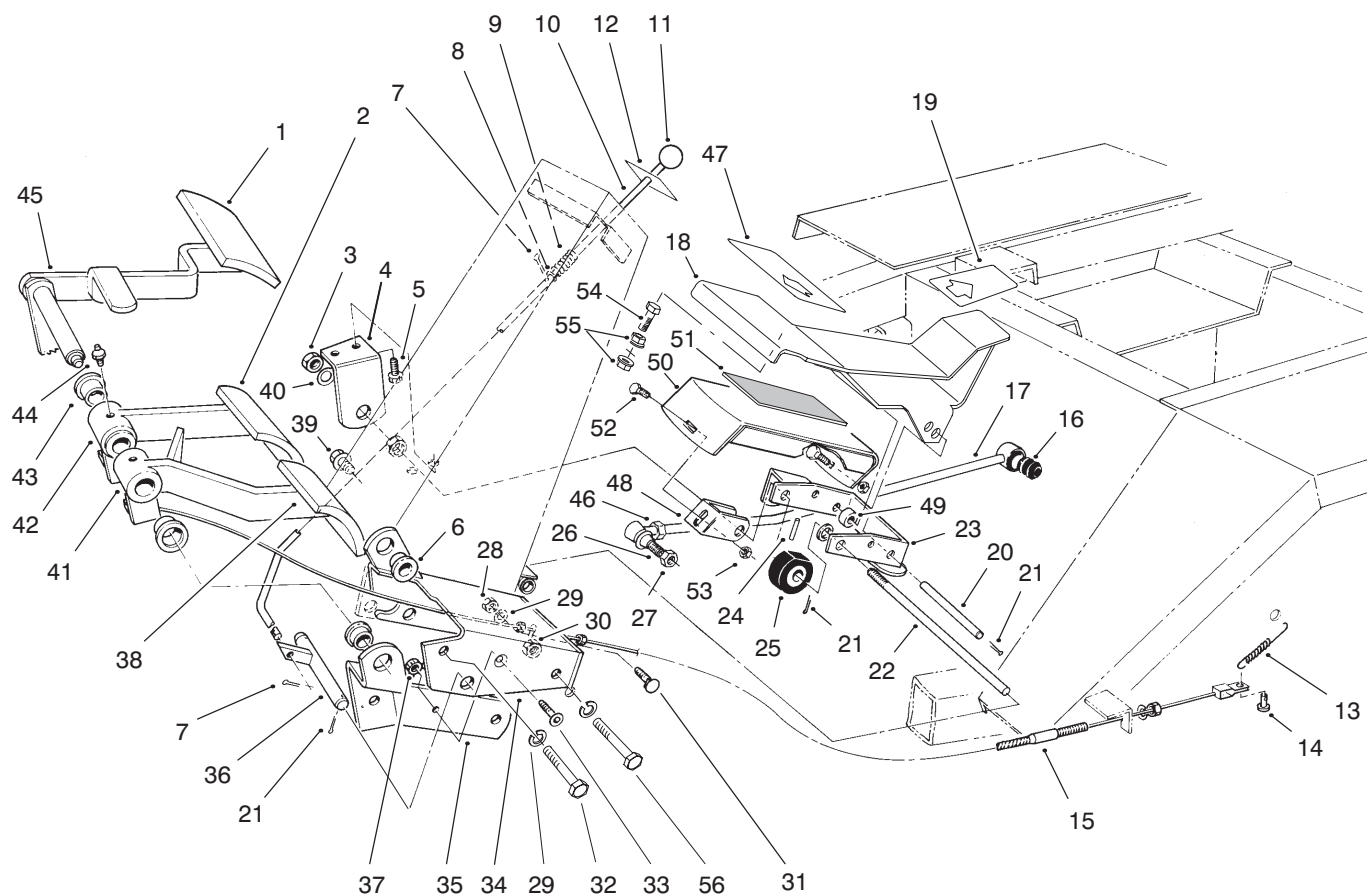
T-0413-2

POWER TAKE OFF (PTO) ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
53	212-93	Clip - Wire	1
54	21-1600	Clamp - Lever, PTO	1
55	3253-21	Washer - Lock	4
56	32104-6	Screw - Tap	4
66	43-8600	Spring - Compression	1
67	43-8860	Plunger - Switch	1
68	43-8620	Guide - Switch Pin	1
69	237-7	O-Ring	1
70	218-461	Nut - Jam	2

Ref. No.	Part No.	Description	No. Used
71	43-8870	Boot - Switch	1
72	321-4	Screw - HH	1
73	86-7050	Bracket - Switch Actuator	1
74	3296-16	Nut - Lock	1
75	79-9890	Washer - Shim	A/R
*	43-9071	Asm. - Switch (Incl. Ref. #3-5, & 66-71; Qty. 1 of #70)	1

*Not Illustrated

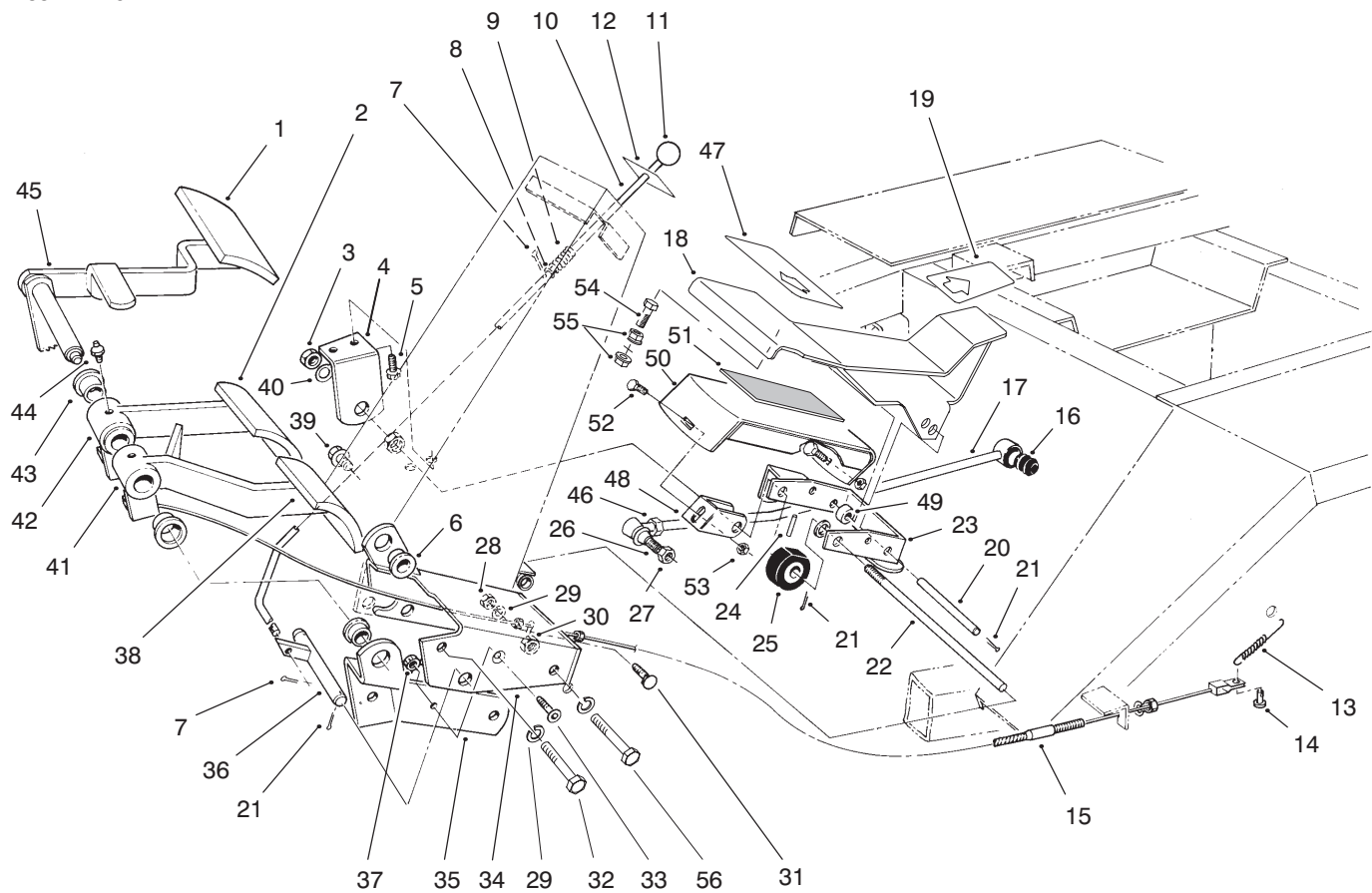


T-0415-4

BRAKE PEDAL ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	93-8742	Pad - Brake	1	25	28-5220	Wheel - Friction	1
2	93-8743	Pad - Turn	2	26	21-0141	Asm. - Socket, R.H.	1
3	3218-5	Nut - Jam	2	27	3220-3	Nut - Jam	1
4	21-2850	Mount - R.H. Pedal	1	28	3217-7	Nut - Hex	2
5	11-0590	Screw - Tap	2	29	3253-21	Washer - Lock	4
6	256-156	Bushing	5	30	32153-2	Nut - Lock	2
7	3272-5	Pin - Cotter	3	31	3231-21	Bolt - Carriage	2
8	3256-22	Washer - Flat	1	32	323-13	Screw - HH	1
9	95-1821	Spring - Compression	1	33	3274-47	Screw - HSFH	1
10	82-8670	Rod - Brake Latch	1	34	27-7590	Mount - Brake	1
11	233-17	Knob	1	35	27-9270	Mount - Brake Pivot Shaft	1
12	93-7831	Decal - Parking Brake	1	36	27-7640	Shaft - Brake Latch	1
13	3-7243	Spring - Extension	2	37	32149-2	Nut	1
14	283-58	Pin - Clevis	2	39	3234-11	Screw - HH	3
15	21-3380	Cable - L.H. Brake	1	40	3256-26	Washer - Flat	1
*	21-3370	Cable - R.H. Brake	1	41	27-7490	Pedal - L.H. Brake (Incl. Ref. #43)	1
16	23-2270	Bushing - Rubber	1	42	27-7510	Pedal - R.H. Brake (Incl. Ref. #43)	1
17	23-2240	Rod - Pump Control	1	43	256-10	Bushing	4
18	94-3304	Pedal - Traction	1	44	302-5	Fitting - Grease	2
19	94-3308	Pad - Pedal Rear	1	45	27-8550	Pedal - Parking Bake	1
20	88-1640	Pin - Traction Pedal	1	46	3220-5	Nut - Jam	1
21	3272-6	Pin - Cotter	6	47	94-3307	Pad - Front Pedal	1
22	88-1650	Shaft - Traction Pedal	1	48	88-1680	Bracket - Footrest	1
23	88-1670	Bracket - Pivot (Incl. Ref. #6)	1	49	88-0470	Tube - Pedal, Spacer	1
24	32121-6	Pin - Roll	1				

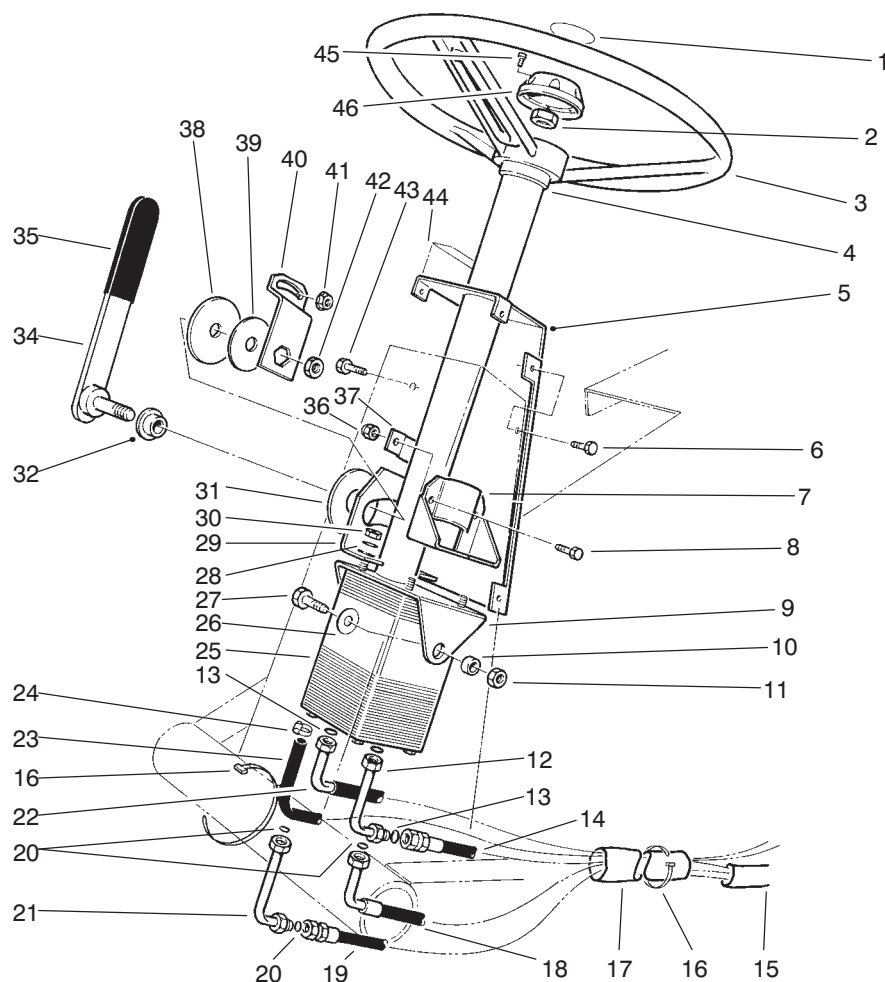
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T-0415-4

BRAKE PEDAL ASSEMBLY (Continued)

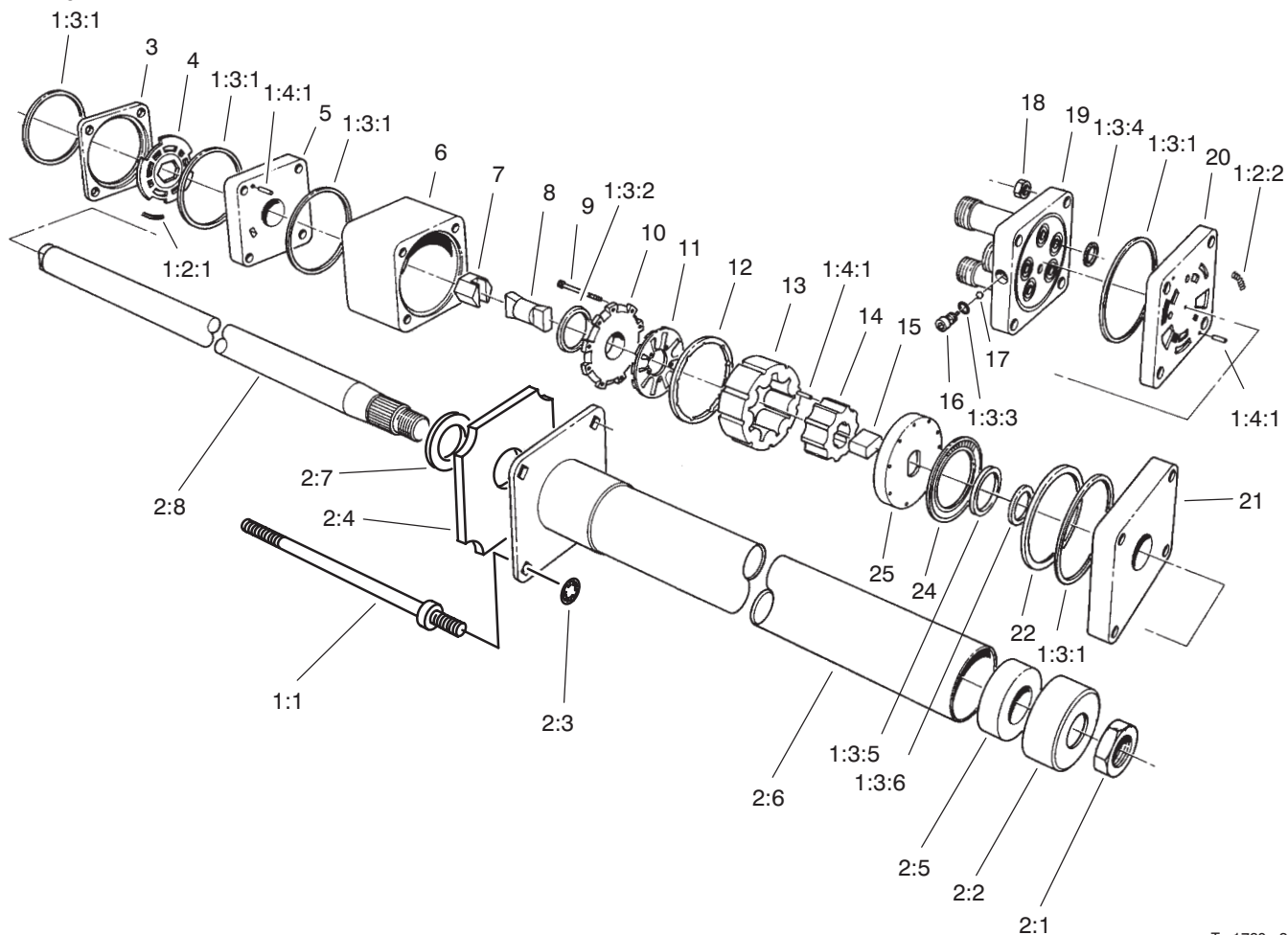
Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
50	88-1710	Footrest	1	54	323-42	Screw - Cap Hex. Hd.	1
51	88-1720	Pad - Footrest	1	55	32128-43	Nut - Flange Lock	2
52	3230-1	Bolt - Carriage	2	56	323-14	Screw - HH	1
53	32128-25	Nut - Flange	2				



T-1187-2

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	Asm. - Steering Wheel (Incl. Ref. #45 & 46)	1	25	92-7308	Valve - Power Steering	1
4	21-9260	Cover - Dust	1	26	3256-46	Washer - Flat	2
5	82-8660	Cover - Tower	1	27	323-6	Screw - HH	2
6	32144-10	Screw - Tap	6	28	3256-3	Washer - Flat	4
7	67-8690	Support - Column	1	29	80-2940	Plate - Pivot	1
8	3234-17	Screw - HH	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	Lever - Steering Tilt	1
12	82-8760	Elbow	1	35	21-1880	Grip - Handle	1
13	237-30	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	O-Ring	3	43	322-4	Screw - HH	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 - PPH	1
				46	68-5140	Cap - Steering Wheel	1



T-1760-2

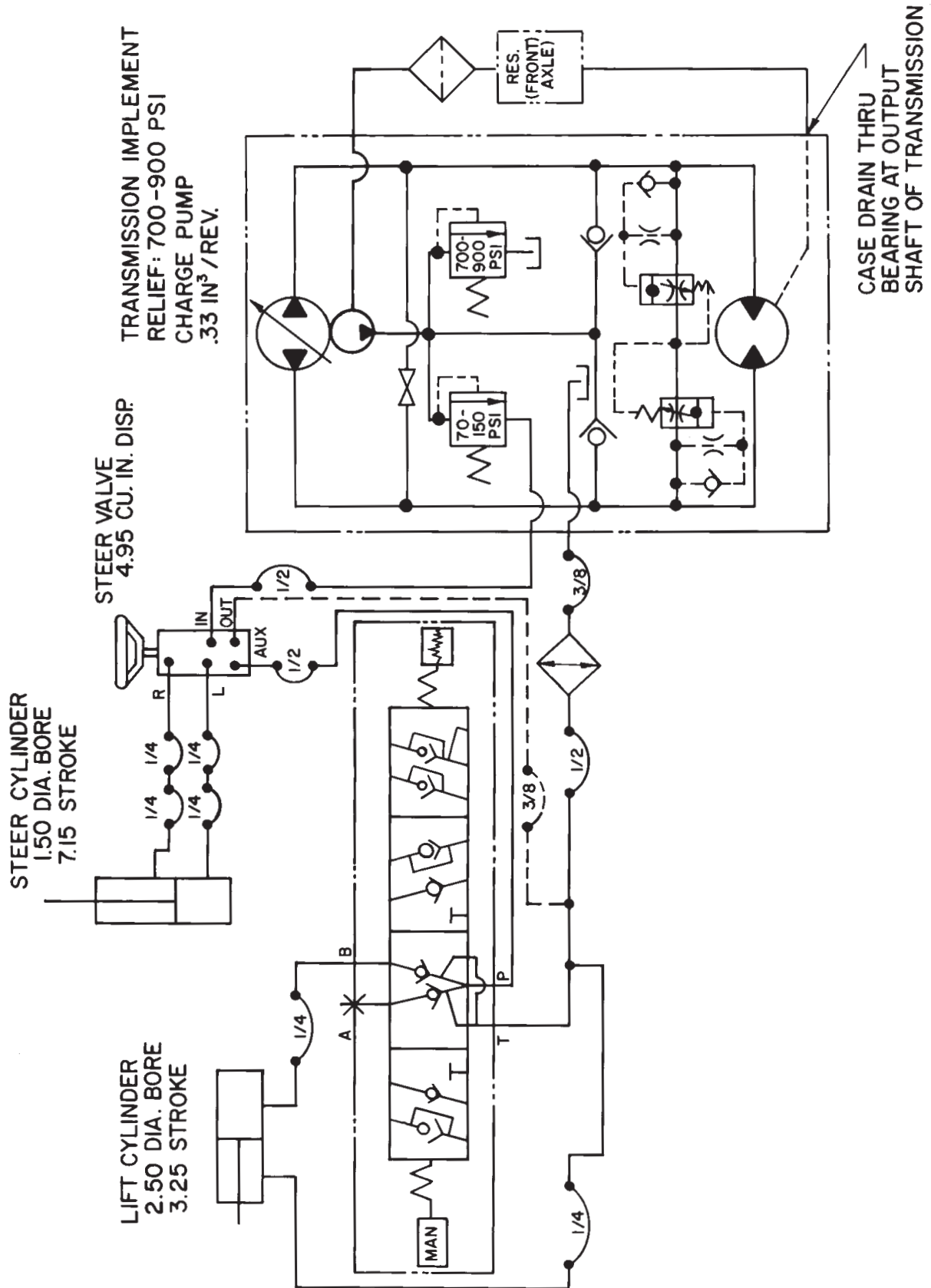
POWER STEERING VALVE ASSEMBLY NO. 92-7308

Ref. No.	Part No.	Description	No. Used
1:1	92-7310	Bolt - Special	4
1:2	66-9970	Spring Kit	1
1:2:1		Spring	3
1:2:2		Spring	3
1:3	66-9980	Seal Kit	1
1:3:1		Ring - Seal	5
1:3:2		Seal - Commutator	1
1:3:3		O-Ring	1
1:3:4		O-Ring	5
1:3:5		Seal - Face	1
1:3:6		Spacer-Seal	1
1:4	66-9990	Needle Roller Kit	1
1:4:1		Pin - Alignment	9
*2	92-7314	Asm. - Column	1
2:1	3220-6	Nut	1
2:2	92-7315	Seal	1
2:3	92-7316	Nut - Push On	4
2:4	92-7317	Foam	1
2:5	66-9780	Bushing	1
2:6		Upper Cover & Jacket	1
2:7		Washer - Retaining	1
2:8		Shaft - Input	1
3		Ring - Valve	1
4		Plate - Valve	1

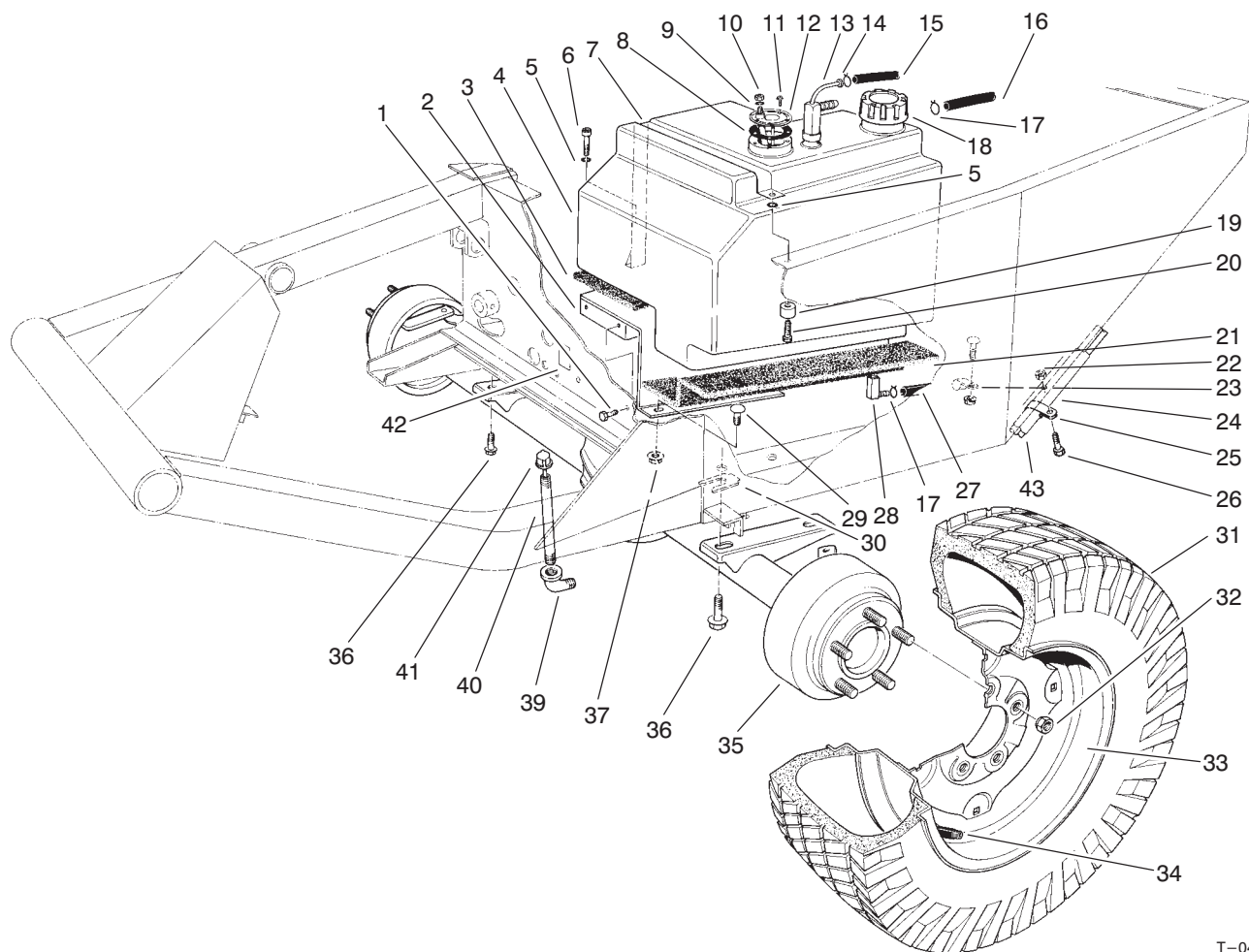
*Not Illustrated

Ref. No.	Part No.	Description	No. Used
5		Manifold - Isolation	1
6		Ring - Metering	1
7		Asm. - Hex Drive	1
8		Link - Drive	1
9		Screw - HSH	11
10		Cover - Commutator	1
11		Commutator	1
12		Ring - Commutator	1
13		Stator	1
13:6		Spacer - Seal	1
14		Rotor	1
15		Spacer - Drive Link	1
16		Plug	1
17		Ball	1
18		Nut - Hex	4
19		Cover - Port	1
20		Manifold - Port	1
21		Plate - Upper Cover	1
22		Spacer - Thrust Bearing	1
24		Bearing - Thrust	1
25		Plate - Drive	1

HYDRAULIC SCHEMATIC



T-0418-1



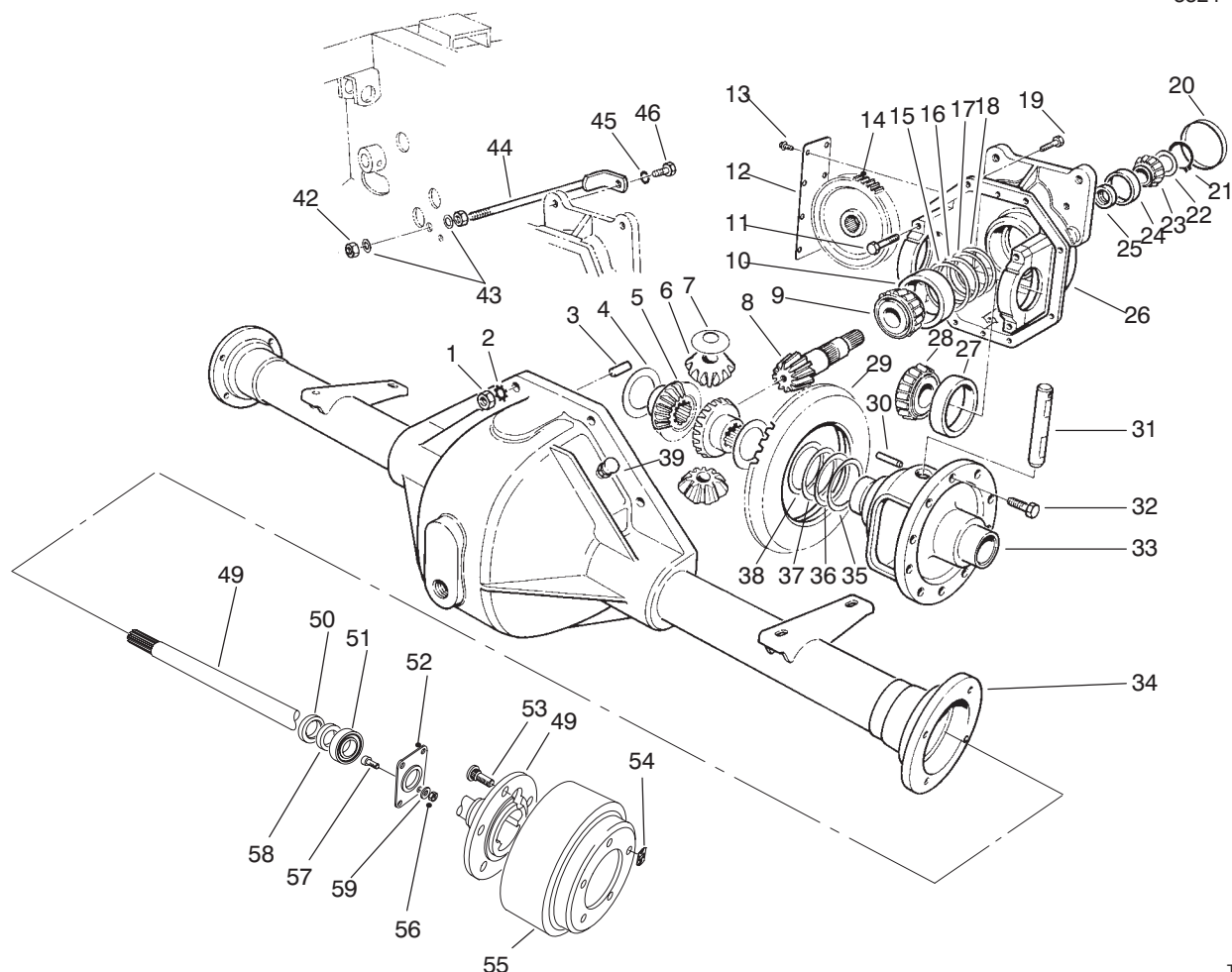
T-0419-1

FRONT AXLE & FUEL TANK ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3234-11	Screw - HF	2
2	68-9760	Base - Fuel Tank	1
3	21-3600	Foam - Tank Support	1
4	43-4150	Fuel Tank (Incl. Ref. #13 & 14)	1
5	3253-3	Washer - Lock	2
6	32104-96	Screw - HH	1
7	37-9550	Strap - Fuel Tank	1
8	62-7650	Gasket	1
9	3253-17	Washer - Lock	1
10	3219-14	Nut - Hex.	1
11	32144-53	Screw - Tap	5
12	62-6840	Sender - Fuel Level	1
13	43-4160	Fitting - Return & Vent	1
14	2412-79	Clamp	1
15	43-4230	Hose Return	1
16	43-5690	Hose - Vent, Fuel Tank	1
17	2412-6	Clamp	2
18	55-3572	Fuel Cap	1
19	22-7810	Spacer	1
20	321-6	Screw - HH	1
21	21-3610	Foam - Tank Support	1
22	3296-20	Nut - Lock	2
23	2412-4	Clamp	1
24	56-7980	Sleeve - Protective	1

Ref. No.	Part No.	Description	No. Used
25	2412-126	R-Clamp	1
26	322-4	Screw - HH	1
27	63-9640	Hose Fuel	1
28	43-4190	Asm. - Fitting	1
29	3230-2	Bolt - Carriage	3
30	42-6080	Shim - Axle	A/R
31	231-138	Tire - 6 Ply	2
*	231-95	Tire - 23x10.5x12 (Optional)	2
32	23-7270	Nut - Wheel	10
33	217-117	Rim	2
*	217-116	Rim - 23x10.5x12 (Optional)	2
34	232-31	Valve Stem w/Cap	2
*	232-27	Valve Stem (For 23x10.5x12 Rim Opt.)	1
35	86-9600	Asm. - Differential	1
36	32144-67	Screw - Tap	4
37	32128-20	Nut - Flange	3
39	2811-9	Street Elbow	1
40	289-37	Pipe Nipple	1
41	23-5180	Dipstick	1
42	93-7823	Decal - Oil	1
43	68-9710	Hose - Steering Cylinder	2
*	231-90	Tube - Inner	2

*Not Illustrated

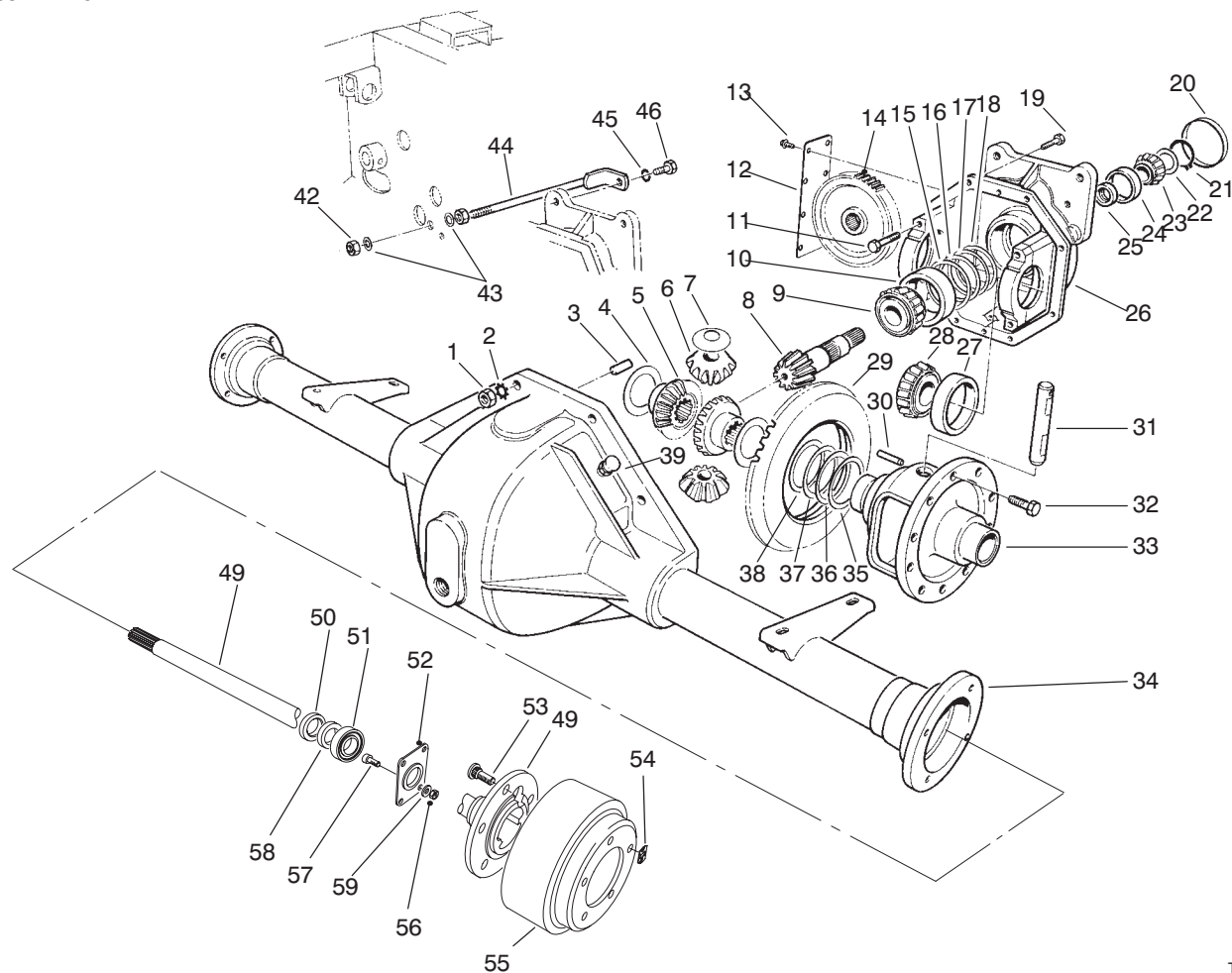


T-0919-2

DIFFERENTIAL ASSEMBLY NO. 86-9600

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	3219-2	Nut	8	*22	46-2212	Shim - Front Pinion Bearing (.035)	A/R
2	3255-8	Washer - Lock	8	*	46-2213	Shim - Front Pinion Bearing (.037)	A/R
3	21-8270	Pin - Dowel	2	*	46-2214	Shim - Front Pinion Bearing (.039)	A/R
4	21-7720	Washer - Thrust	2	*	46-2215	Shim - Front Pinion Bearing (.041)	A/R
5	24-8790	Differential Bevel Gear Side	2	*	46-2216	Shim - Front Pinion Bearing (.043)	A/R
6	21-7690	Pinion Gear	2	*	46-2220	Shim - Front Pinion Bearing (.045)	A/R
7	21-7730	Washer - Thrust	2	*	46-2221	Shim - Front Pinion Bearing (.047)	A/R
8		Drive Pinion (Incl. Ref. #29)	1	*	46-2222	Shim - Front Pinion Bearing (.049)	A/R
9	43-6760	Roller Bearing Cone	1	*	46-2223	Shim - Front Pinion Bearing (.051)	A/R
10	43-6750	Roller Bearing Cup	1	*	46-2224	Shim - Front Pinion Bearing (.053)	A/R
11	92-1773	Screw - HH	4	*	46-2225	Shim - Front Pinion Bearing (.055)	A/R
12	21-7830	Gear Cover	1	*	46-2226	Shim - Front Pinion Bearing (.057)	A/R
13	32144-112	Thread Forming Screw	8	*	46-2410	Shim - Front Pinion Bearing (.062)	A/R
14	86-7230	Spur-Gear	1				
15	43-6710	Adjustment Shim .003	A/R				
16	43-6711	Adjustment Shim .005	A/R				
17	43-6712	Adjustment Shim .010	A/R				
18	43-6713	Adjustment Shim .030	A/R				
19	3210-7	Screw - HH	8				
20	21-7850	Cup - Plug	1				
21	43-6550	Ring - Retaining	1				
22	46-2210	Shim - Front Pinion Bearing (.031)	A/R				
*	46-2211	Shim - Front Pinion Bearing (.033)	A/R				

*Not Illustrated



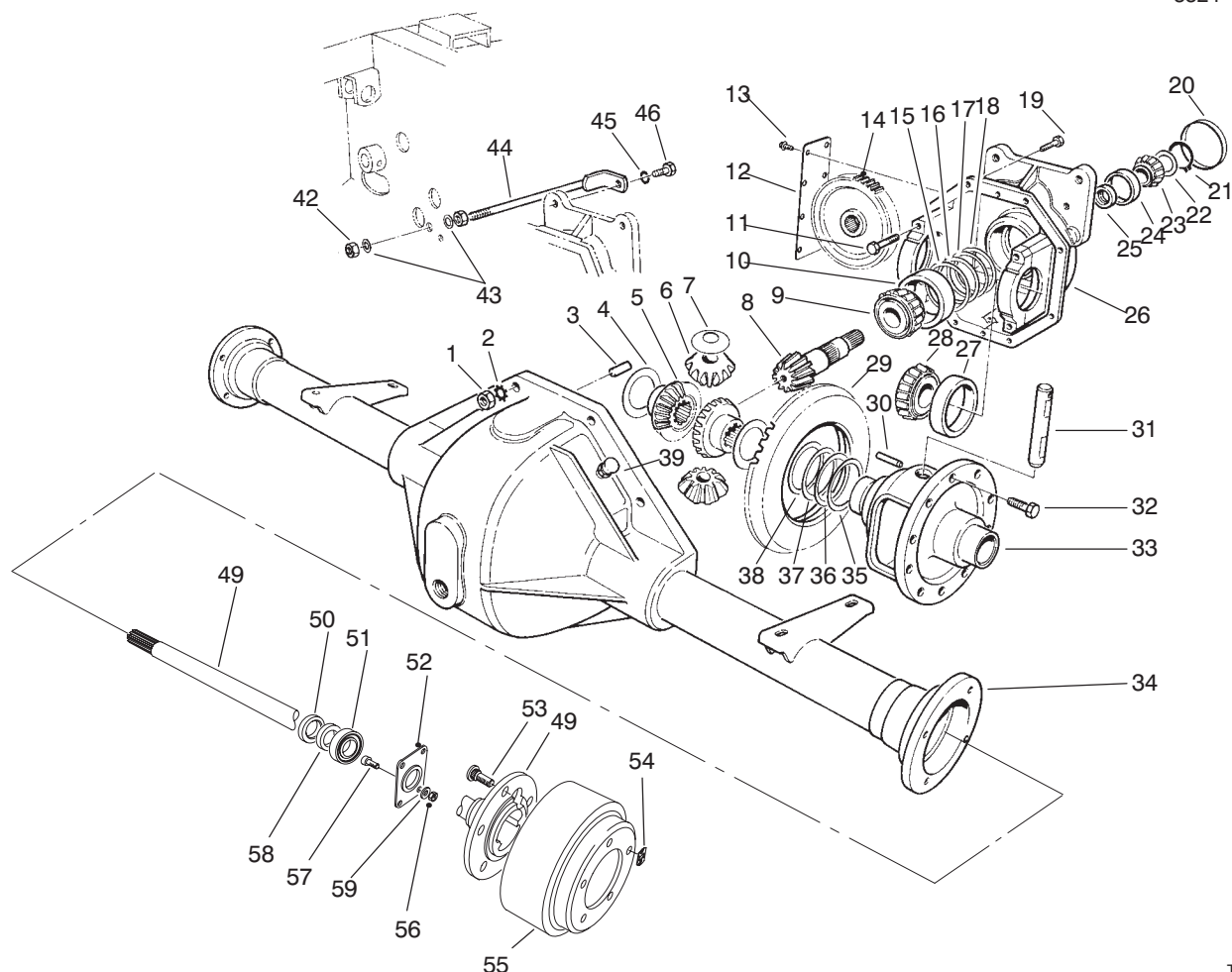
T-0919-2

DIFFERENTIAL ASSEMBLY NO. 86-9600 (Continued)

Ref. No.	Part No.	Description	No. Used
22	46-2411	Shim - Front Pinion Bearing (.064)	A/R
*	46-2412	Shim - Front Pinion Bearing (.066)	A/R
*	46-2413	Shim - Front Pinion Bearing (.068)	A/R
*	46-2414	Shim - Front Pinion Bearing (.070)	A/R
*	46-2415	Shim - Front Pinion Bearing (.072)	A/R
*	46-2416	Shim - Front Pinion Bearing (.074)	A/R
*	46-2420	Shim - Front Pinion Bearing (.076)	A/R
*	46-2421	Shim - Front Pinion Bearing (.078)	A/R
*	46-2422	Shim - Front Pinion Bearing (.080)	A/R
*	46-2423	Shim - Front Pinion Bearing (.082)	A/R
*	46-2424	Shim - Front Pinion Bearing (.084)	A/R
*	46-2425	Shim - Front Pinion Bearing (.086)	A/R
*	46-2426	Shim - Front Pinion Bearing (.088)	A/R
23	254-91	Bearing Cone	1

*Not Illustrated

Ref. No.	Part No.	Description	No. Used
24	254-90	Bearing Cup	1
25	21-8020	Spacer - Pinion Bearing	1
26	86-9580	Upper Housing (Incl. Ref. #11)	1
27	254-66	Cup - Tapered Bearing	2
28	254-65	Cone - Tapered Bearing	2
29		Ring Gear	1
30	32121-15	Pin - Roll	1
31	21-7700	Pinion Mate Shaft	1
32	21-7770	Drive Gear Screw	5
33	21-7670	Differential Case	1
34	43-6840	Lower Housing	1
35	21-8120	Adjustment Shim .030	A/R
36	21-8110	Adjustment Shim .010	A/R
37	21-8100	Adjustment Shim .005	A/R
38	21-8090	Adjustment Shim .003	A/R
39	72-9420	Asm. - Vent Tube	1
42	3217-9	Nut	2
43	3256-6	Washer - Flat	2
44	24-9830	Support - Axle	1
45	3253-21	Washer - Lock	1
46	323-6	Screw - Cap Hex. Hd.	1
*47	92-4903	Asm. - Upper Hsg. 2WD (Incl. Ref. #4-33 & 35-38)	1
*48	92-4848	Asm. - Gear & Pinion (Incl. Ref. #8 & 29)	1

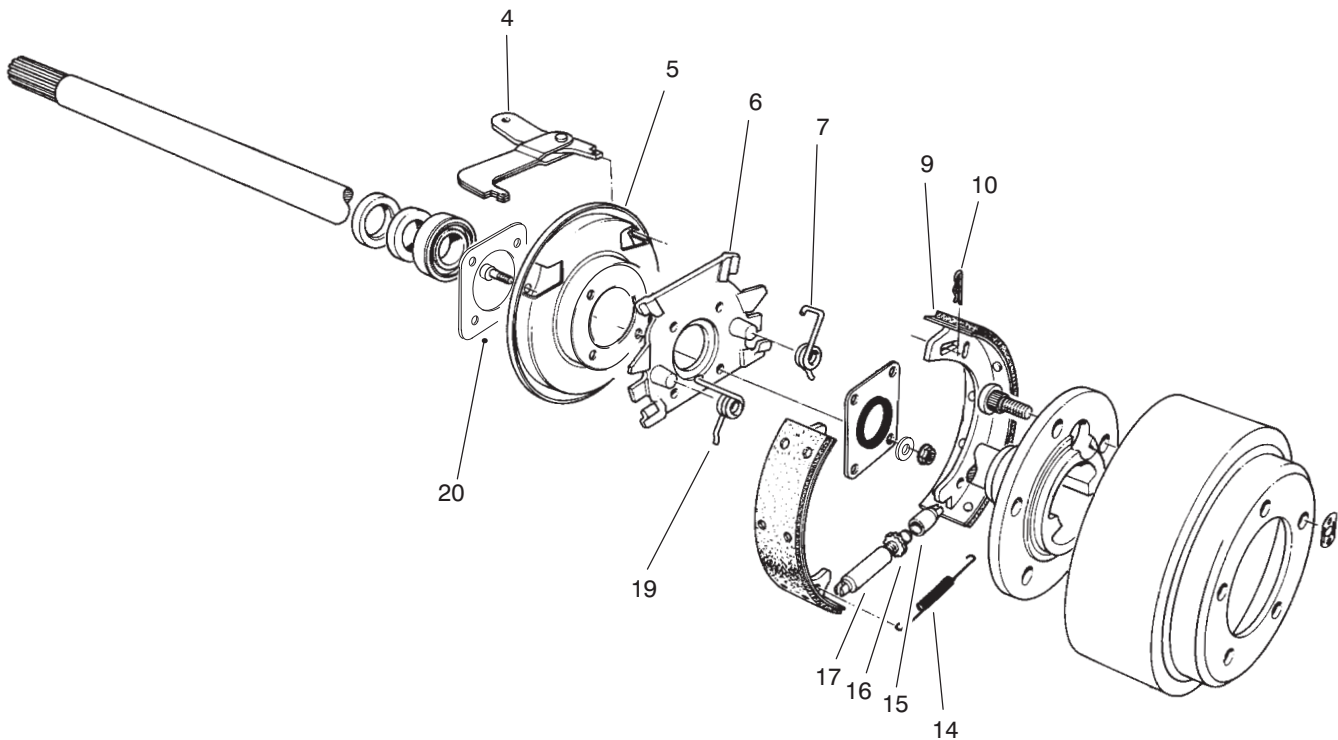


T-0919-2

DIFFERENTIAL ASSEMBLY NO. 86-9600 (Continued)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
49	28-0650	Shaft - Flanged Axle	2				
50	92-1774	Oil Seal	2				
51	21-8180	Bearing	2				
52	28-0670	Seal - Oil	2				
53	242-34	Stud - Axle Flange	10				
54	21-8360	Clip - Retaining	2				
55	28-0680	Drum - Brake	2				
56	94-6935	Nut - Lock	8				
57	94-6934	Screw - Socket Head	8				
58	24-8840	Ring - Wheel Bearing	2				
59	94-6936	Washer	8				
*60	92-8775	Kit - Gasket, Liquid	2				

*Not Illustrated



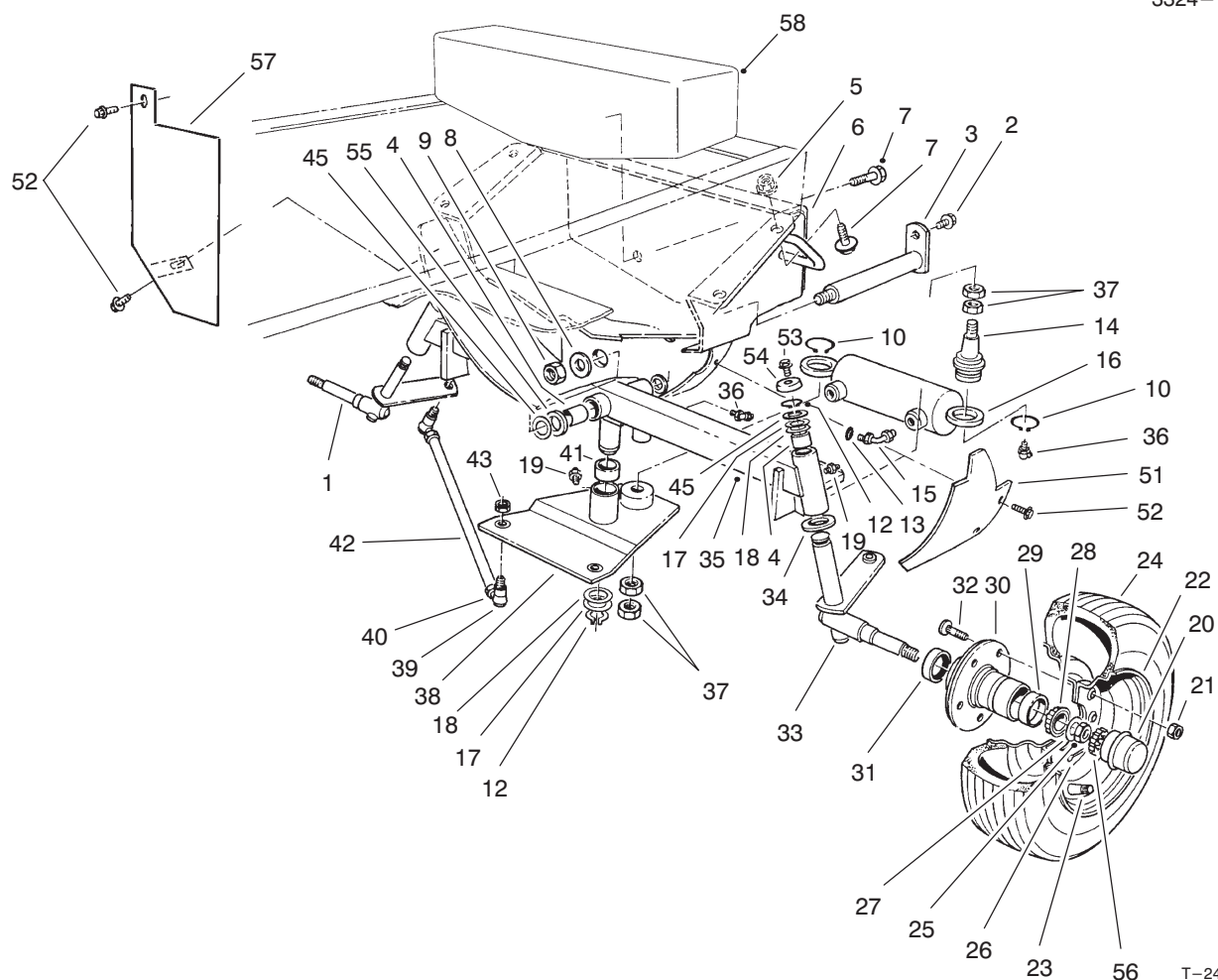
T-0421-3

BRAKE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
4	24-9180	Strut & Lever Parking Brake	2
5	21-9450	Dust Shield	2
6	43-6810	Torque - Spider	2
7	21-9430	Spring - Shoe Return R.H.	2
9	84-8600	Asm. - Shoe & Lining (Set of 4)	1
10	21-9460	Retainer - Brake Lever	4

Ref. No.	Part No.	Description	No. Used
14	21-9440	Spring - Adjusting Screw	2
15	21-9390	Socket - Adjusting Screw	2
16	21-9370	Screw - Adjusting	2
17	21-9380	Nut - Pivot	2
19	21-9420	Spring - Shoe Return L.H.	2
20	93-7416	Insert - Shield, Dust	2

*Not Illustrated

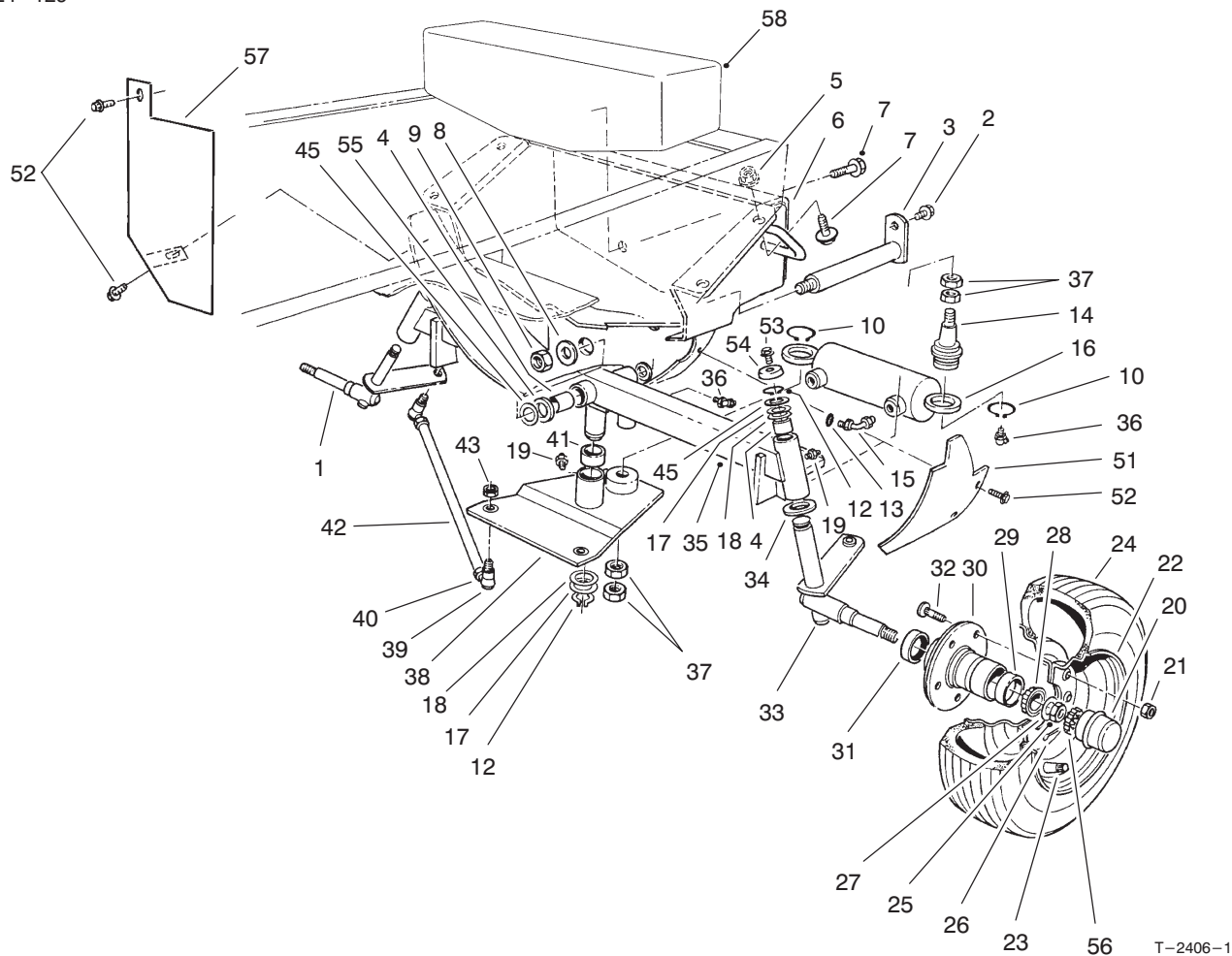


T-2406-1

REAR AXLE AND WHEEL ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	93-3199	Asm. - Spindle R.H.	1	24	231-105	Tire	2
2	32144-14	Screw - Tap	1	25	3220-7	Nut - Jam	2
3	92-7807	Pin - Rear Axle	1	26	3272-13	Pin - Cotter	2
4	67-1750	Bushing	6	27	93-0309	Washer - Tab	2
5	32128-23	Nut - Flange	4	28	254-94	Cone - Bearing	4
6	92-7803	Support - Axle	1	29	254-72	Cup - Bearing	4
7	3234-32	Screw - HHF	6	30	21-2820	Hub Wheel	
8	71-4540	Washer - Thrust	A/R			(Incl. Ref. #29 & 32)	2
9	32146-20	Nut - Lock	1	31	253-129	Closure	2
10	32151-104	Ring - Retaining	2	32	10-6830	Stud - Drive	10
11	302-40	Fitting - Grease	2	33	93-3198	Asm. - Spindle L.H.	1
12	32151-36	Ring - Retaining	3	34	256-121	Bushing - Thrust	2
13	237-22	O-Ring	1	35	100-6566	Axle - Rear	
14	92-5938	Ball Joint	2			(Incl. Ref. #4)	1
15	340-54	Fitting 45°	2	36	302-11	Fitting - Grease	1
16	92-7828	Cylinder - Hydraulic	1	37	3220-6	Nut - Jam	4
17	5-1226	Washer	3	38	92-7821	Steering Pivot	
18	10-8110	Washer - Thrust	A/R			(Incl. Ref. #41)	1
19	302-5	Fitting - Grease	3	39	21-0141	Asm. - Socket R.H. Thd.	2
20	241-119	Dust Cap	2	*	21-0151	Asm. - Socket L.H. Thd.	2
21	242-50	Nut - Wheel	10	40	3220-5	Nut - Jam R.H. Thd.	2
22	217-106	Wheel	2	*	3220-12	Nut - Jam L.H. Thd.	2
23	232-31	Valve Stem w/Cap	2				

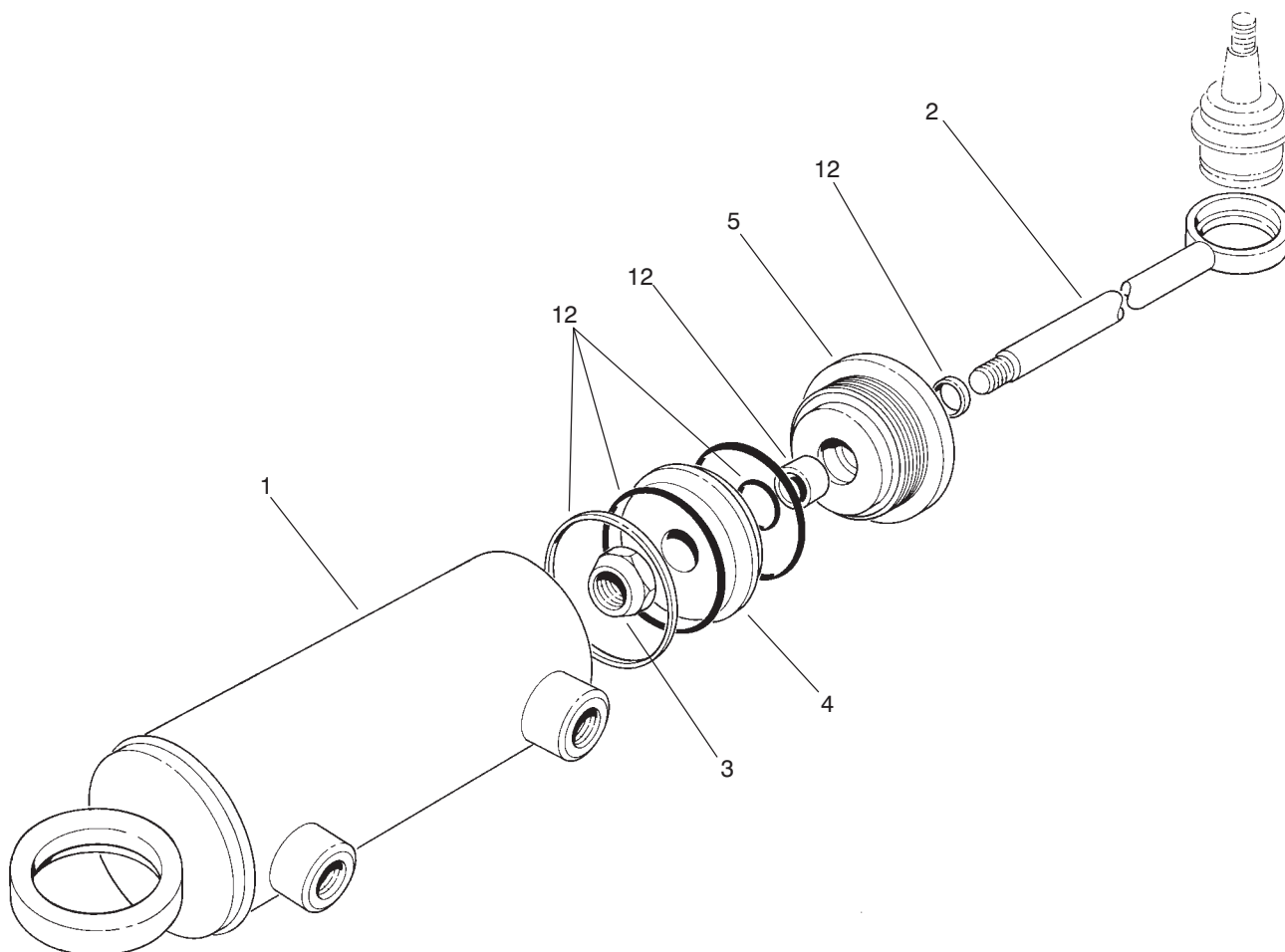
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REAR AXLE AND WHEEL ASSEMBLY (CONTINUED)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
41	256-242	Bushing	2	53	3234-13	Screw - HHF	2
42	21-1990	Asm. - Tie Rod	2	54	66-2990	Cap - Spindle	2
43	3220-3	Nut - Jam	8	55	92-7845	Spacer - Hardened	1
45	56-2460	Washer	A/R	56	93-0307	Retainer - Nut, Lock	2
51	93-7042	Cover - Flywheel Guard	1	57	93-8738	Guard - Flywheel	1
52	32144-10	Screw - Tap	4	58	98-3869-01	Weight - Rear	1

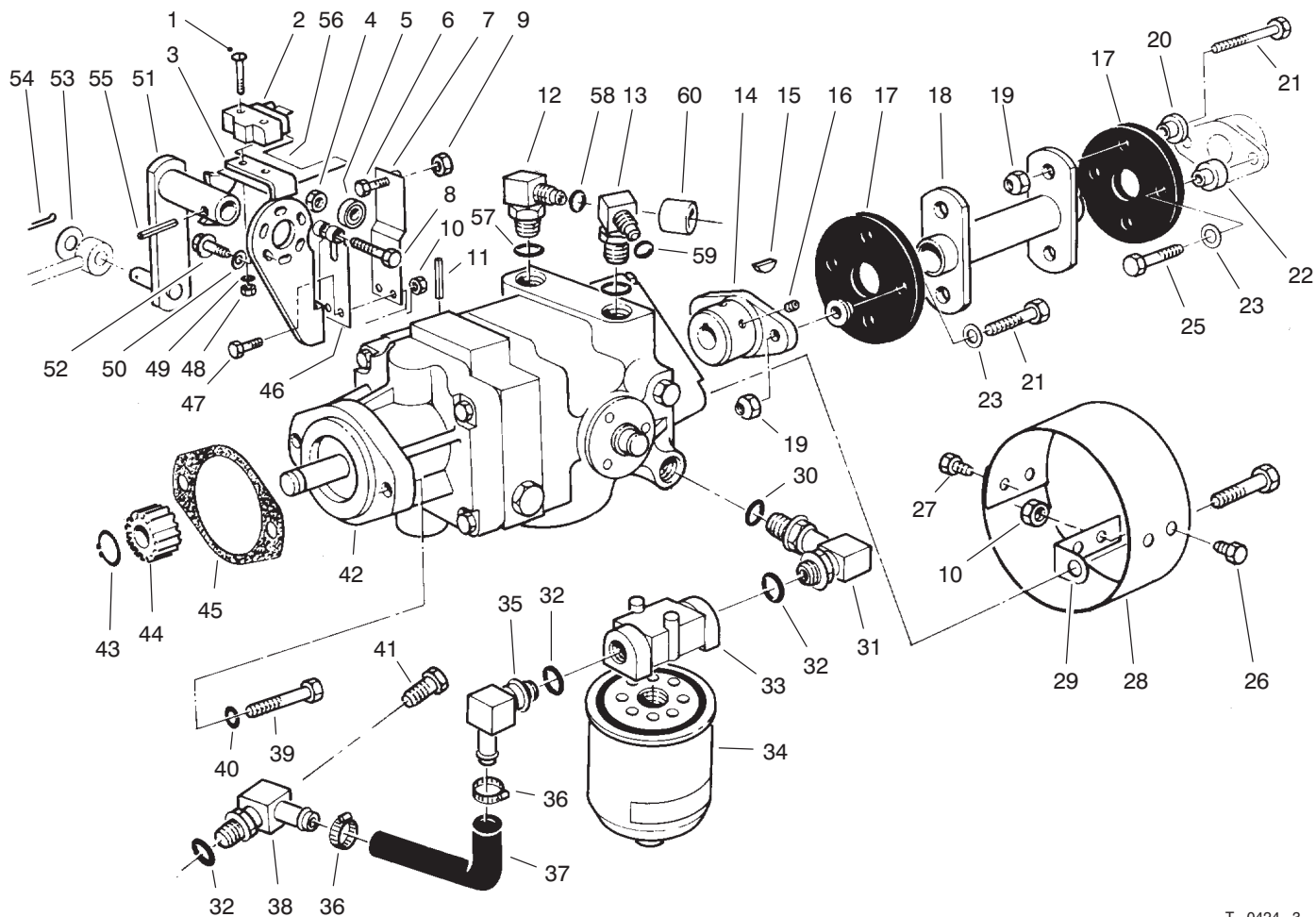
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T-1761-2

HYDRAULIC CYLINDER NO. 92-7828

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1		Asm. - Tube	1	5	92-6588	Gland	1
3	66-1930	Nut-Lock	1	12	92-6593	Seal Kit	1
4		Piston Rod ASM	1				
4	66-1940	Piston	1				

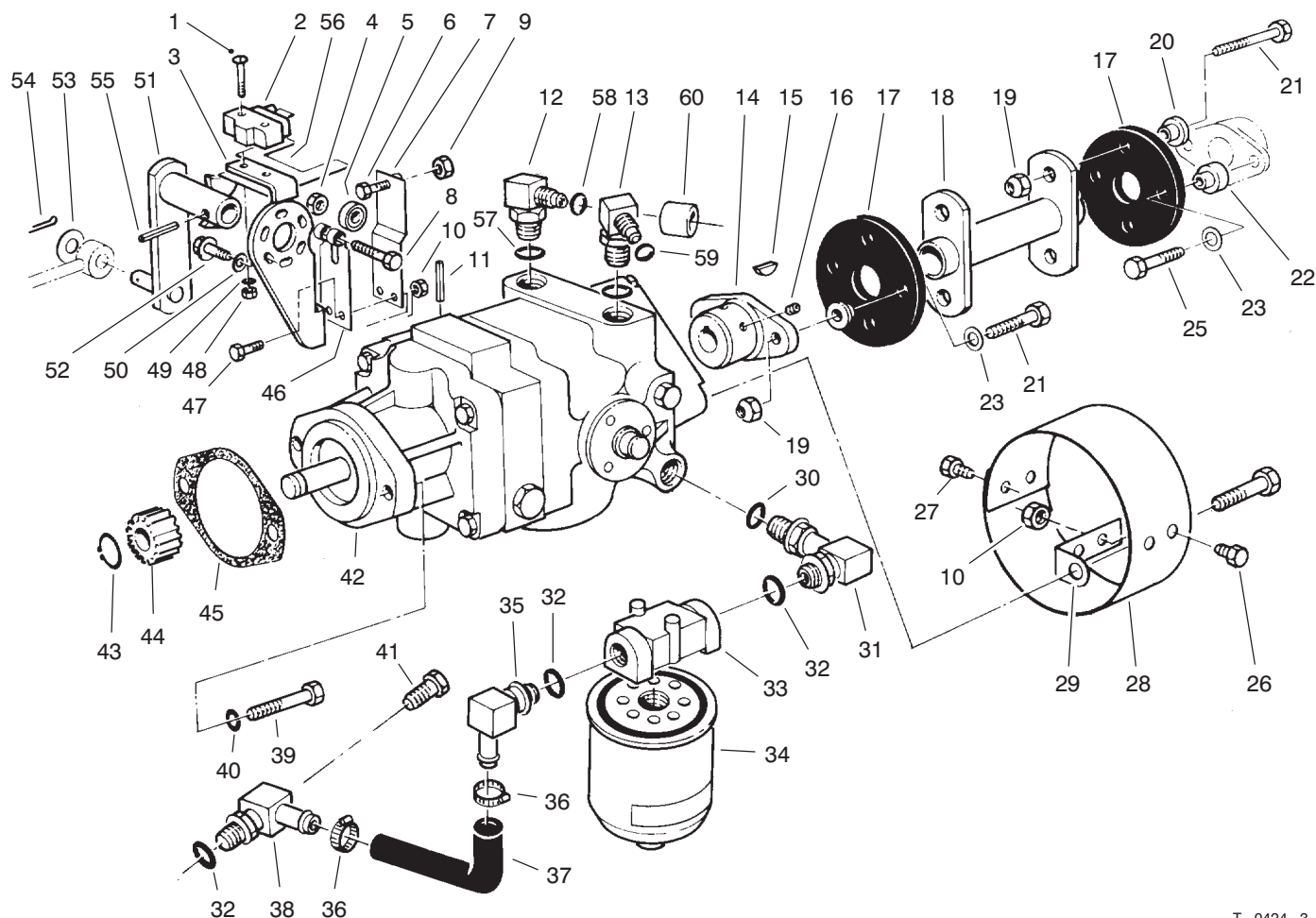


T-0424-3

TRANSMISSION INSTALLATION ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3249-11	Screw - Mach. Rd. Hd.	2
2	29-6163	Micro Switch	1
3	29-6120	Pump Plate	1
4	3296-29	Nut - Lock	1
5	251-259	Bearing - Ball	1
6	3210-7	Screw - HH	1
7	29-6170	Extended Leaf Spring	1
8	322-17	Screw - HH	1
9	3219-2	Nut - Hex	1
10	3296-42	Nut - Lock	6
11	32121-6	Pin - Roll	1
12	340-77	Elbow	1
13	340-99	Elbow	1
14	33-4380	Pump Hub	1
15	3257-32	Key - Woodruff	1
16	3241-5	Screw - Set	2
17	44-2230	Coupling - Rubber	2
18	46-6390	Coupling - Drive	1
19	32152-1	Nut - Lock	8
20	27-6600	Spacer - Rubber Coupling	6
21	322-6	Screw - HH	6
22	27-6590	Spacer - Rubber Coupling	2
23	3256-3	Washer - Flat	4
25	322-8	Screw - HH	2
26	321-2	Screw - HH	2
27	321-4	Screw - HH	2

Ref. No.	Part No.	Description	No. Used
28	54-9300	Cover	1
29	54-9290	Bracket	2
30	237-80	O-Ring	1
31	68-8660	Elbow	1
32	237-81	O-Ring	3
33	68-8990	Head - Filter	1
34	23-9740	Oil Filter	1
35	353-987	Elbow	1
36	2412-34	Clamp - Hose	2
37	68-9650	Hose - Axle	1
38	70-2620	Elbow - 90°	1
39	323-7	Screw - HH	2
40	3253-21	Washer - Lock	2
41	353-508	Plug - Drain	1
42	92-8947	Transmission - Inline	1
43	32120-72	Ring - Retaining External	1
44	86-7220	Gear - Transmission Output	1
45	41-8760	Gasket - Transmission	1
46	29-6150	Leaf Spring	1
47	321-6	Screw - HH	2
48	3217-16	Nut - Hex.	2
49	3254-9	Washer - Lock	2
50	3255-7	Washer - Lock	3
51	28-9570	Pump Lever	1
52	11-9760	Screw - Tap	3
53	3256-6	Washer - Flat	1

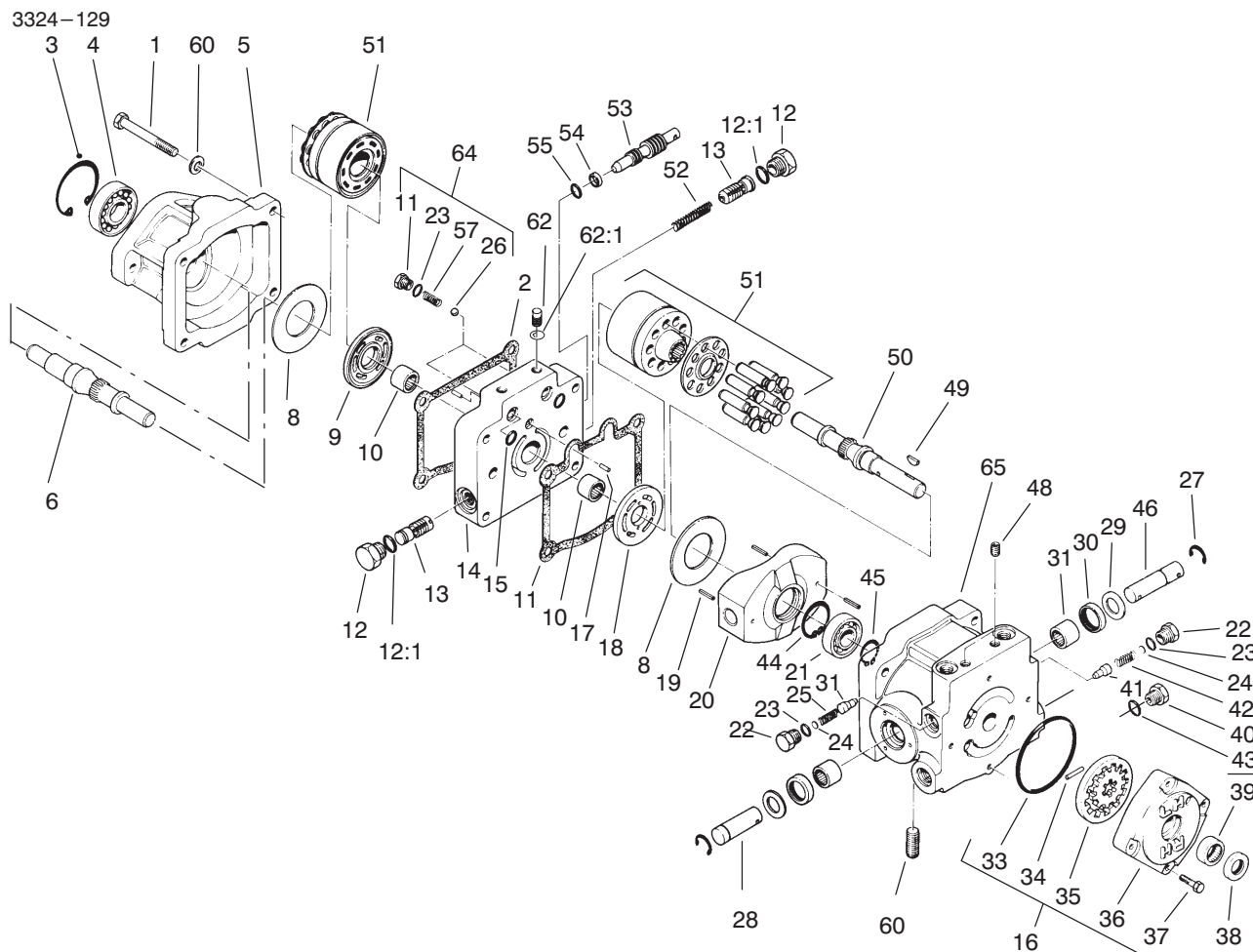


T-0424-3

TRANSMISSION INSTALLATION ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
54	3272-10	Pin - Cotter	1	59	237-30	O-Ring	1
55	32121-24	Pin - Roll	1	60	38-3400	Guard - Rubber	1
56	46-8810	Stop - Leaf Spring	1	*	95-3092	400 Hour Filter Kit (Incl. Ref. #34)	1
57	237-42	O-Ring	2				
58	237-22	O-Ring	1				

*Not Illustrated

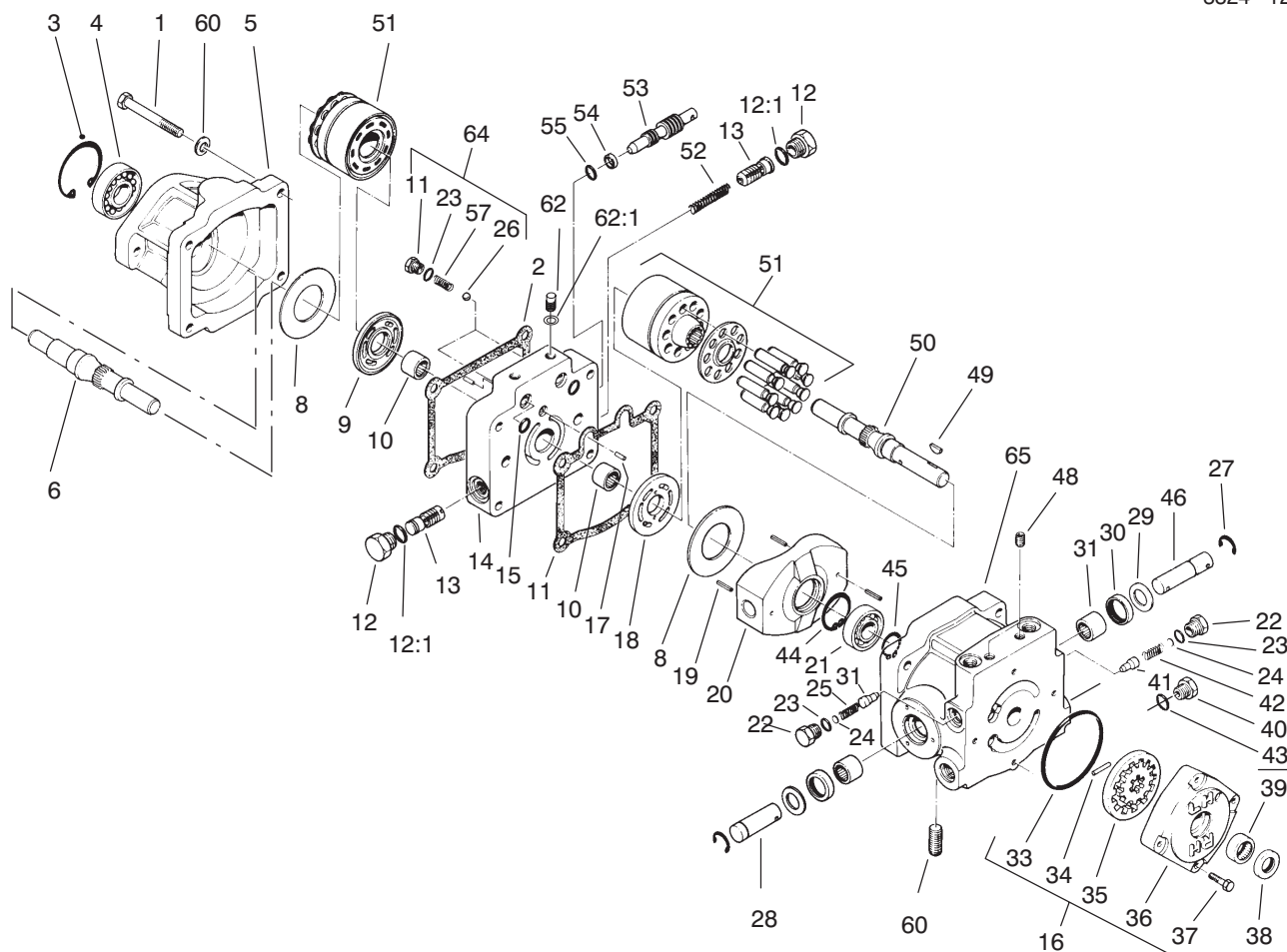


T-0425-2

TRANSMISSION ASSEMBLY NO. 92-8947

Ref. No.	Part No.	Description	No. Used
1	323-56	Screw - HH	4
2	67-9100	Gasket	1
3	32120-8	Ring - Retaining	1
4	72-3750	Bearing - Ball	1
5	67-9080	Housing - Motor	1
6	46-8410	Shaft - Motor	1
8	25-2380	Plate - Thrust	2
9	25-2390	Plate - Motor Valve	1
10	46-8400	Bearing - Needle	2
11	25-2400	Gasket	1
12	353-550	Plug - HH	2
12:1	237-79	O-Ring	2
13	25-2410	Asm. - Accel. Valve	2
14	92-8918	Center Section	1
15	93-4132	O-Ring	2
16	25-3190	Charge Pump (Incl. Ref. #33-39)	1
17	25-2430	Pin - Dowel	2
18	25-2440	Plate - Pump Valve	1
19	32121-91	Pin - Coil ,Spring	3
20	25-2450	Variable Swashplate	1
21	251-8	Bearing - Ball	1
22	25-2460	Plug - HH	2
23	237-86	O-Ring	4
24	25-2470	Shim Pack	2

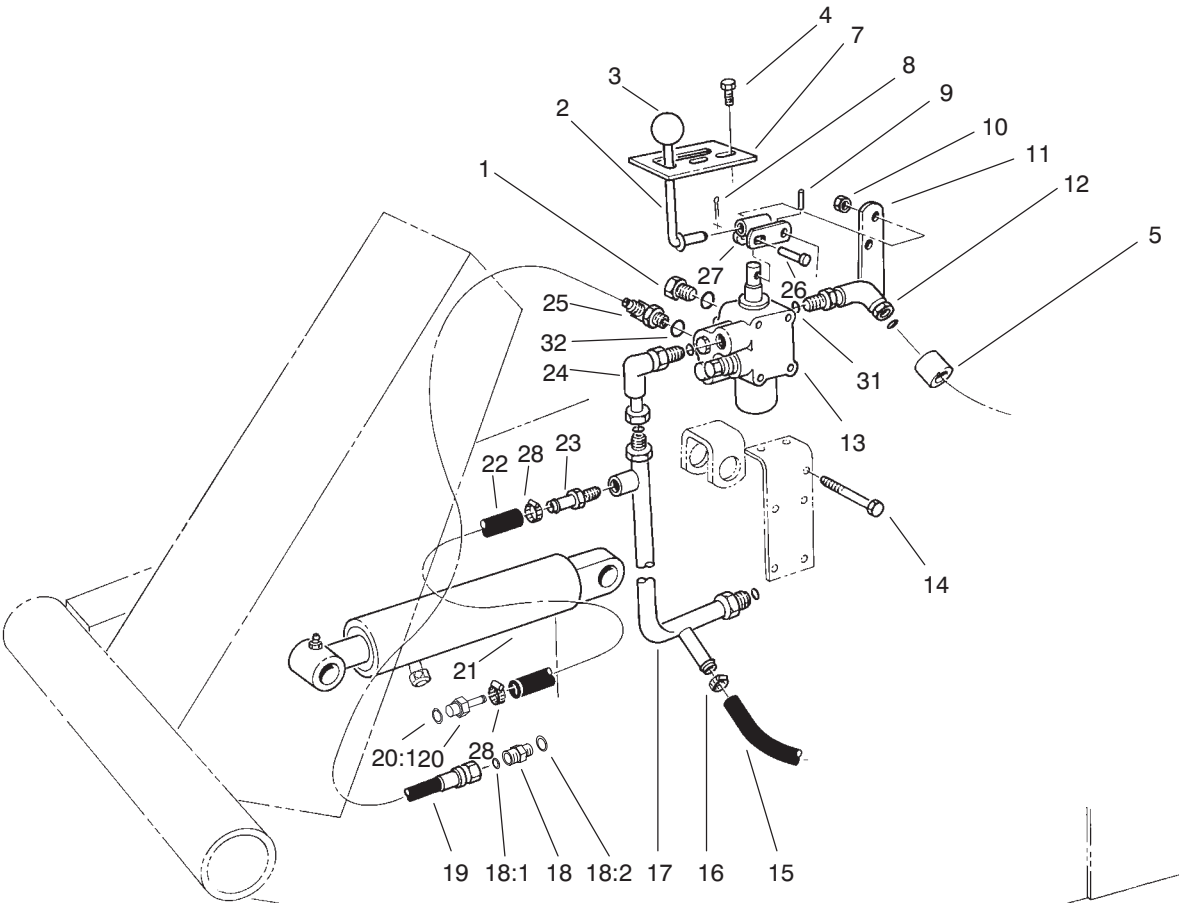
Ref. No.	Part No.	Description	No. Used
25	25-2480	Valve Spring	1
26	25-2490	Ball	2
27	32151-46	Ring - Retaining	2
28	25-2500	Shaft - Trunnion	1
29	25-2510	Washer - Flat	2
30	25-3210	Seal - Lip	2
31	252-82	Bearing - Needle	2
33	237-95	O-Ring	1
34	25-2530	Headless Straight Pin	1
35	25-2540	Asm. - Gerotor	1
36	25-2550	Housing - Charge Pump	1
37	322-4	Screw - HH	4
38	93-4133	Seal - Lip	1
39	67-8050	Bearing - Needle	1
40	353-551	Plug - HH	1
41	83-7260	Cone - Relief Valve	2
42	25-2570	Valve Spring	1
43	237-80	O-Ring	1
44	32120-11	Ring - Retaining	1
45	32120-15	Ring - Retaining	1
46	25-2580	Shaft - Trunnion	1
48	285-17	Plug - Pipe	2
49	3257-32	Key - Woodruff	1
50	67-8020	Pump Shaft	1
51	48-1800	Kit - Cylinder Block	2



T-0425-2

TRANSMISSION ASSEMBLY NO. 92-8947 (Continued)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
52	25-2610	Accel. Valve Spring	1	63	83-0312	Washer	4
53	88-8220	By-Pass Valve	1	64	99-5689	Kit - Check Valve (Incl. Ref. #59, 23, 57&26)	2
54	25-2630	Back-Up Ring	1	65	54-7890	Housing - Pump (Incl. Ref. #48 & 29-31)	1
55	237-22	O-Ring	1				
57	25-2640	Valve Spring	2				
59	25-2650	Plug - Check Valve	2				
60	67-9090	Plug	1				
62	92-8776	Plug	1				
62:1	92-8777	O-Ring	4				

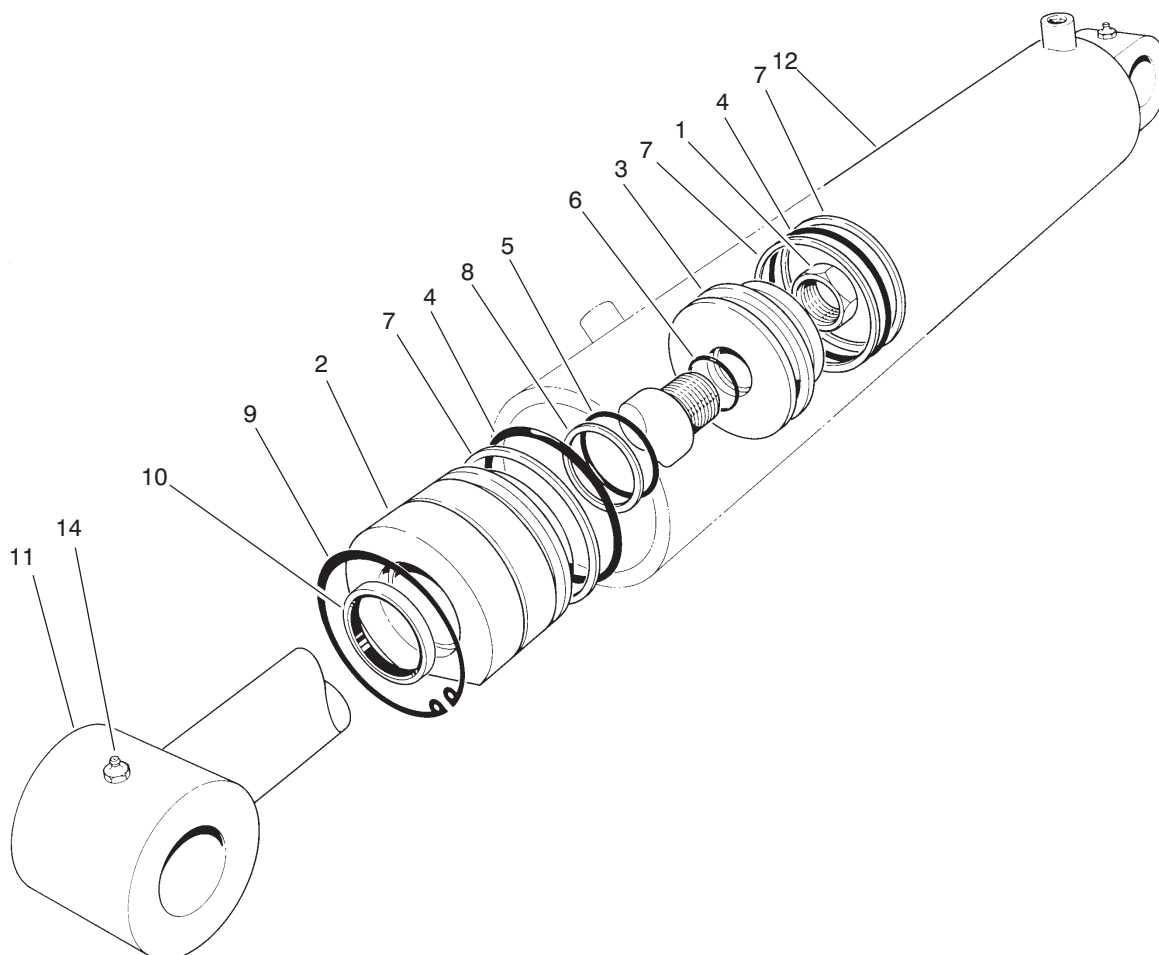


T-0426-5

VALVE & CYLINDER ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	353-512	Plug	1	20	95-8849	Fitting - 90° Barb	1
2	21-8620	Lever - Valve	1	21	100-6586	Cylinder - Hydraulic	1
3	233-21	Knob	1	*	100-6591	Cylinder - Hydraulic (Optional)	1
4	32144-10	Screw - Tap	2	22	92-7834	Hose	1
5	38-3400	Guard - Rubber	1	23	304-73	Fitting - Straight Barb	1
7	21-8640	Lever - Latch Valve	1	24	340-110	Elbow - 90°	1
8	3272-6	Pin - Cotter	1	25	340-97	Fitting - 90°	1
9	32121-73	Pin - Slotted Spring	1	26	283-17	Pin	1
10	3296-42	Nut - Lock	5	27	21-8590	Link - Valve Lever	1
11	21-9010	Pivot Mount - Valve Lever	1	28	2412-108	Clamp - Hose	2
12	340-99	Fitting - 90° Elbow	1	29	237-22	O-Ring	2
13	43-1710	Asm. - Valve	1	30	237-30	O-Ring	2
14	321-23	Screw - HH	5	31	237-42	O-Ring	2
15	63-8990	Hose	1	32	237-78	O-Ring	2
16	2412-36	Clamp - Hose	1	33	38-3400	Guard - Rubber	1
17	63-9260	Manifold - Valve	1				
18	340-2	Elbow - 90°	1				
19	92-7833	Hose - Hydraulic (Valve to Cylinder)	1				

*Not Illustrated

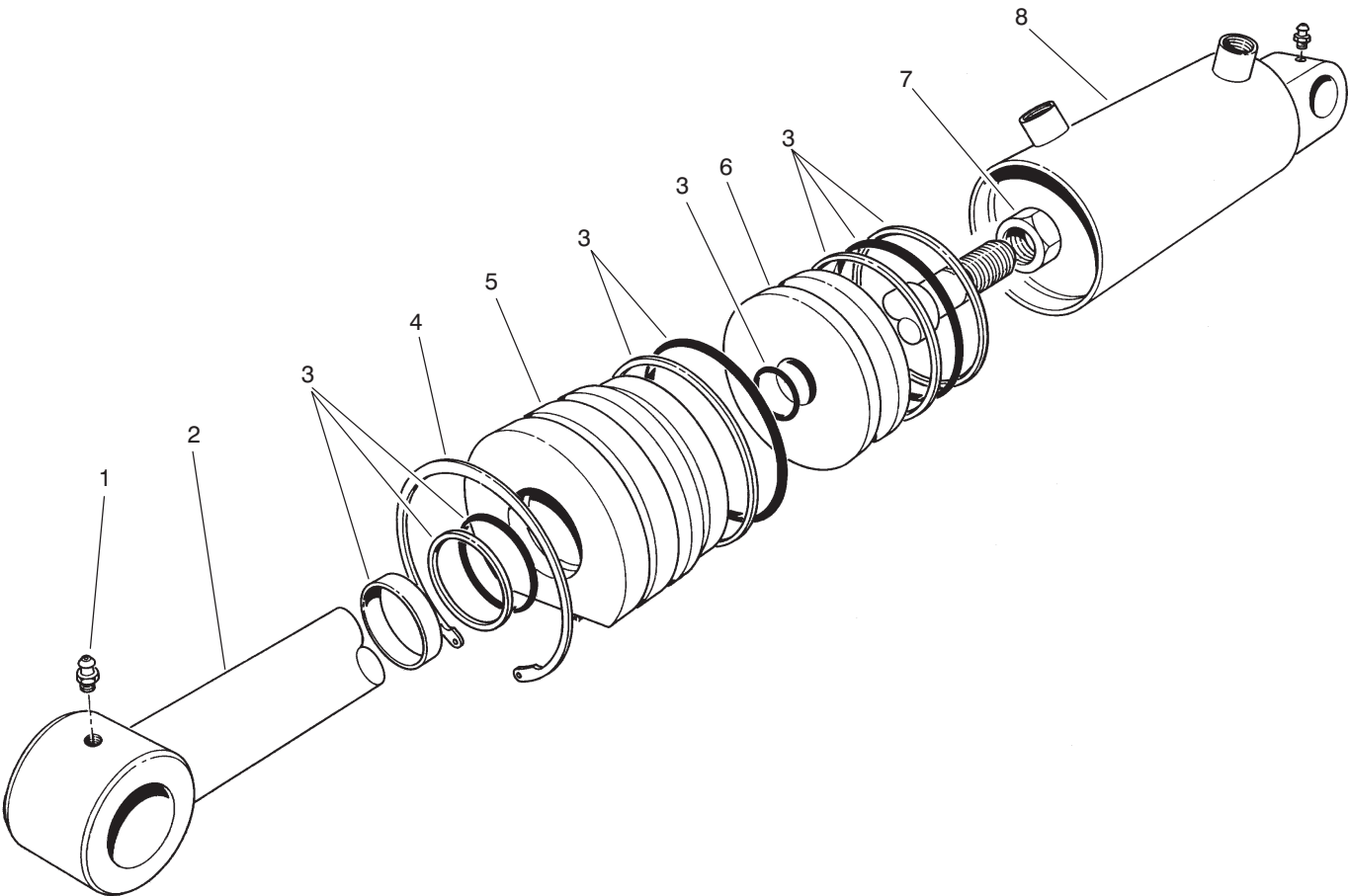


T-0859-1

HYDRAULIC LIFT CYLINDER ASSEMBLY NO. 100-6586 (2-1/2" Bore)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	60-9760	Nut	1	9	61-4990	Ring - Retaining	1
2	60-9780	Head	1	10		Seal - Dust	1
3	60-9770	Piston	1	11	61-4980	Shaft - w/Clevis	1
4		O-Ring	2	†12		Barrel	1
5		O-Ring	1	*13	61-4960	Kit - Seal Repair (Incl. Ref. #10, 4-8)	1
6		O-Ring	1				
7		Ring - Back-up	3	14	302-55	Fitting - Grease	2
8		Ring - Backup	1				

†Not available separately..



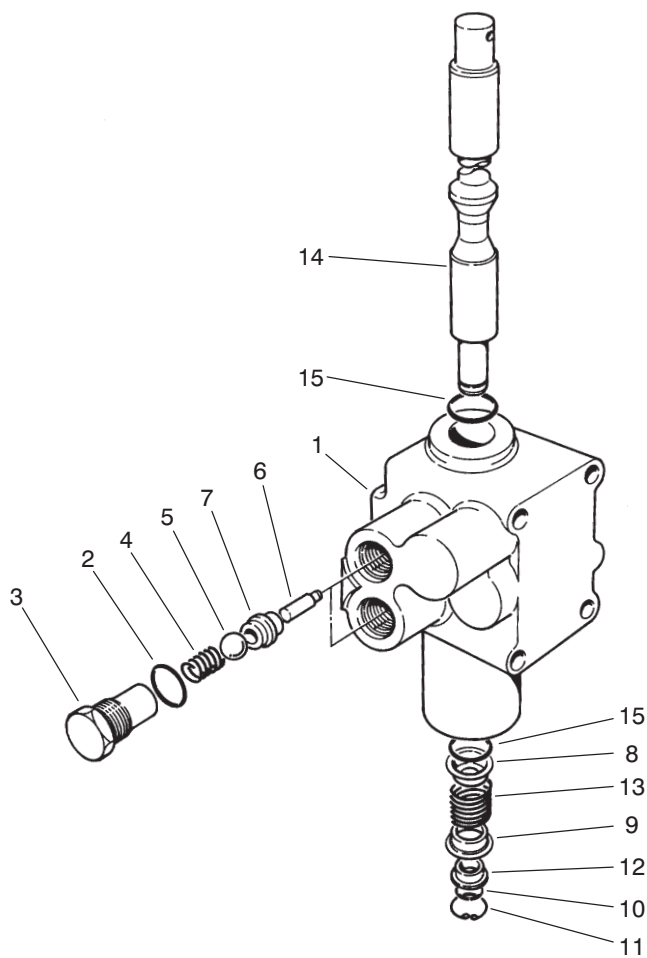
T-0527-2

**HYDRAULIC LIFT CYLINDER ASSEMBLY NO. 100-6591
(3" Bore)**

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

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

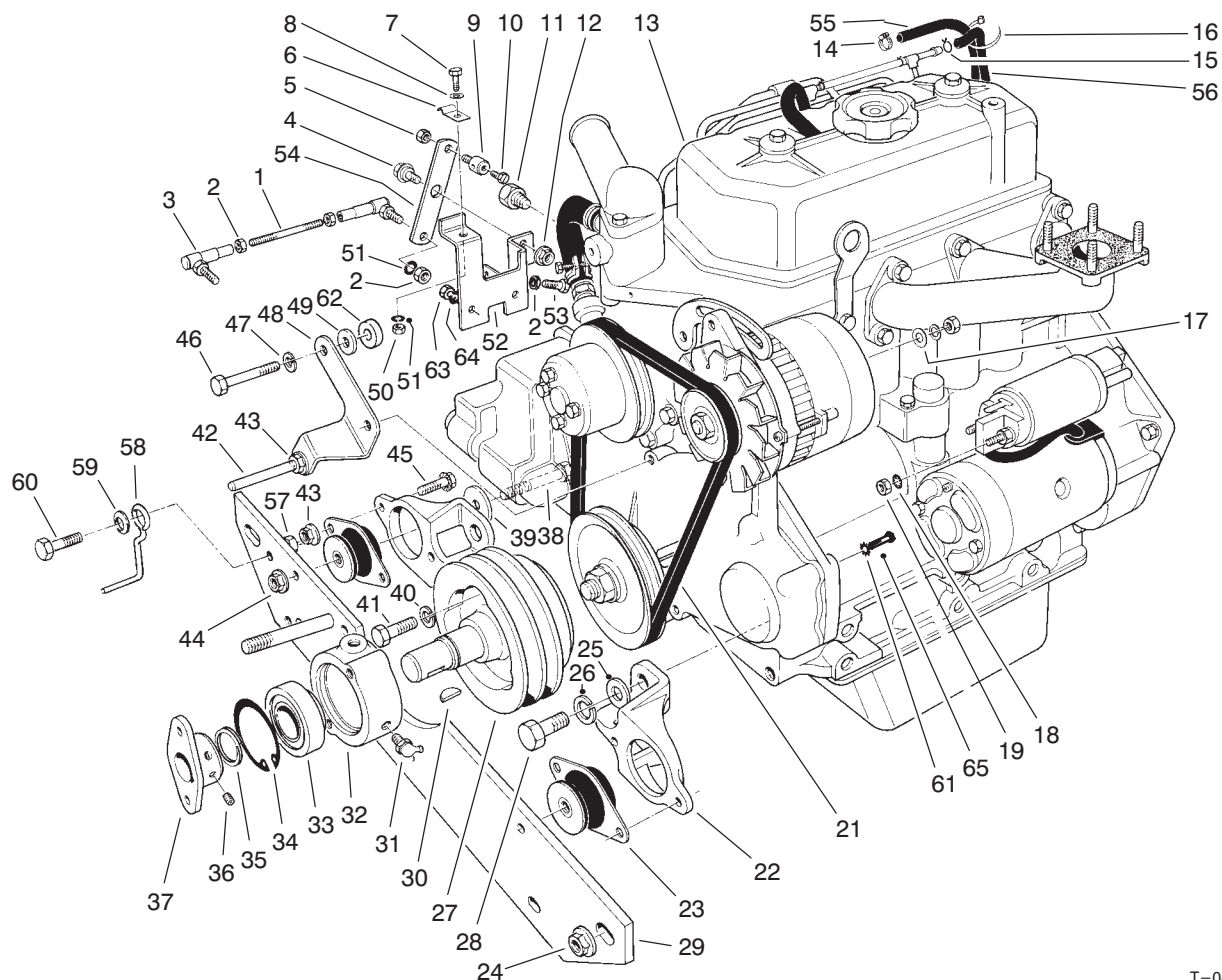
*Not available separately.



T-0428-1

CONTROL VALVE ASSEMBLY NO. 43-1710

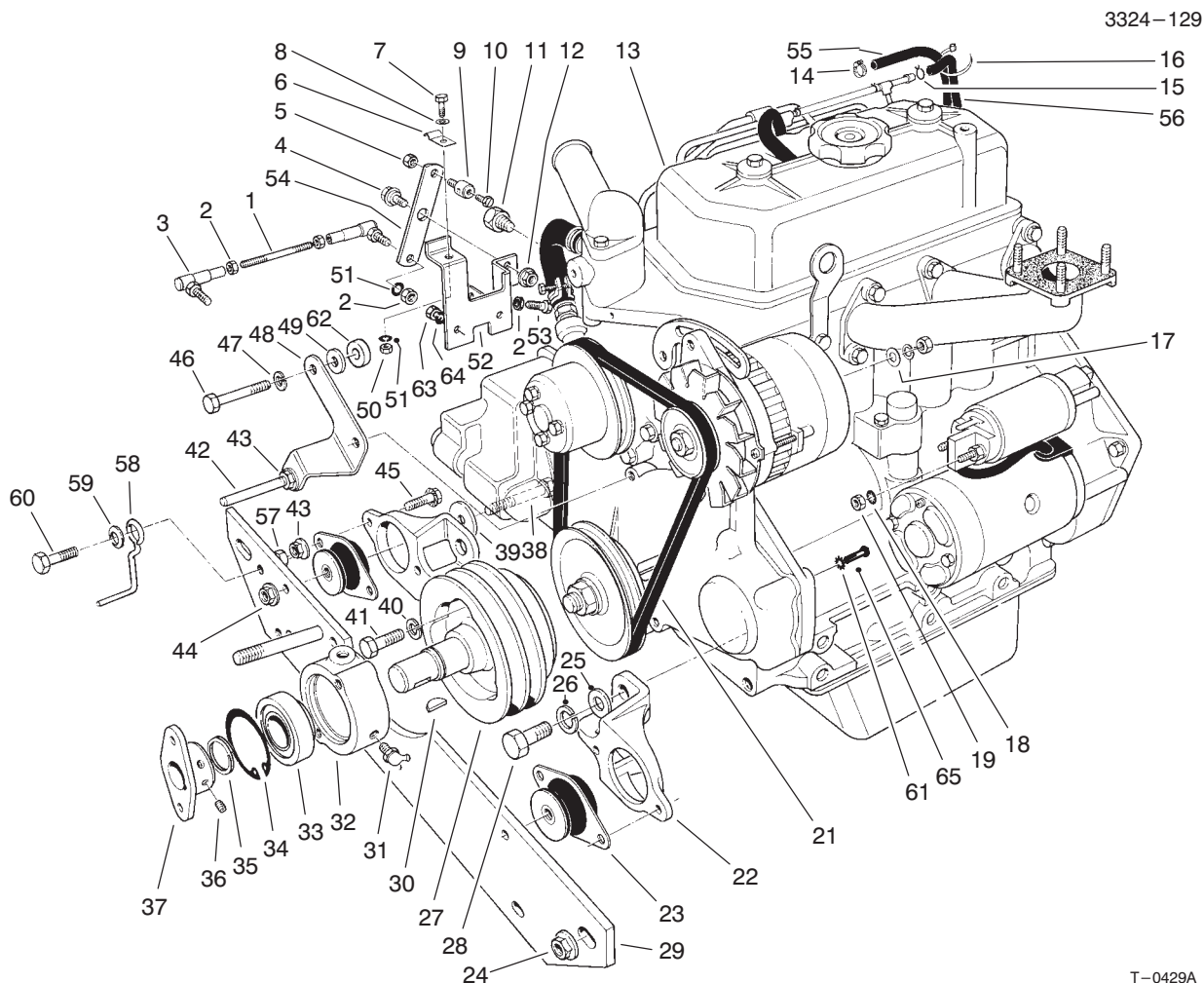
Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	43-1730	Body	1	9	22-8390	Retainer - Spring	1
2	237-42	O-Ring	2	10	22-8480	Spring Ring Spool	1
3	22-8330	Plug	2	11	22-8490	Ring-Snap	1
4	22-8340	Spring	2	12	22-8400	Spacer - Float	1
5	22-8350	Ball	2	13	22-8410	Spring	1
6	22-8360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



T-0429A

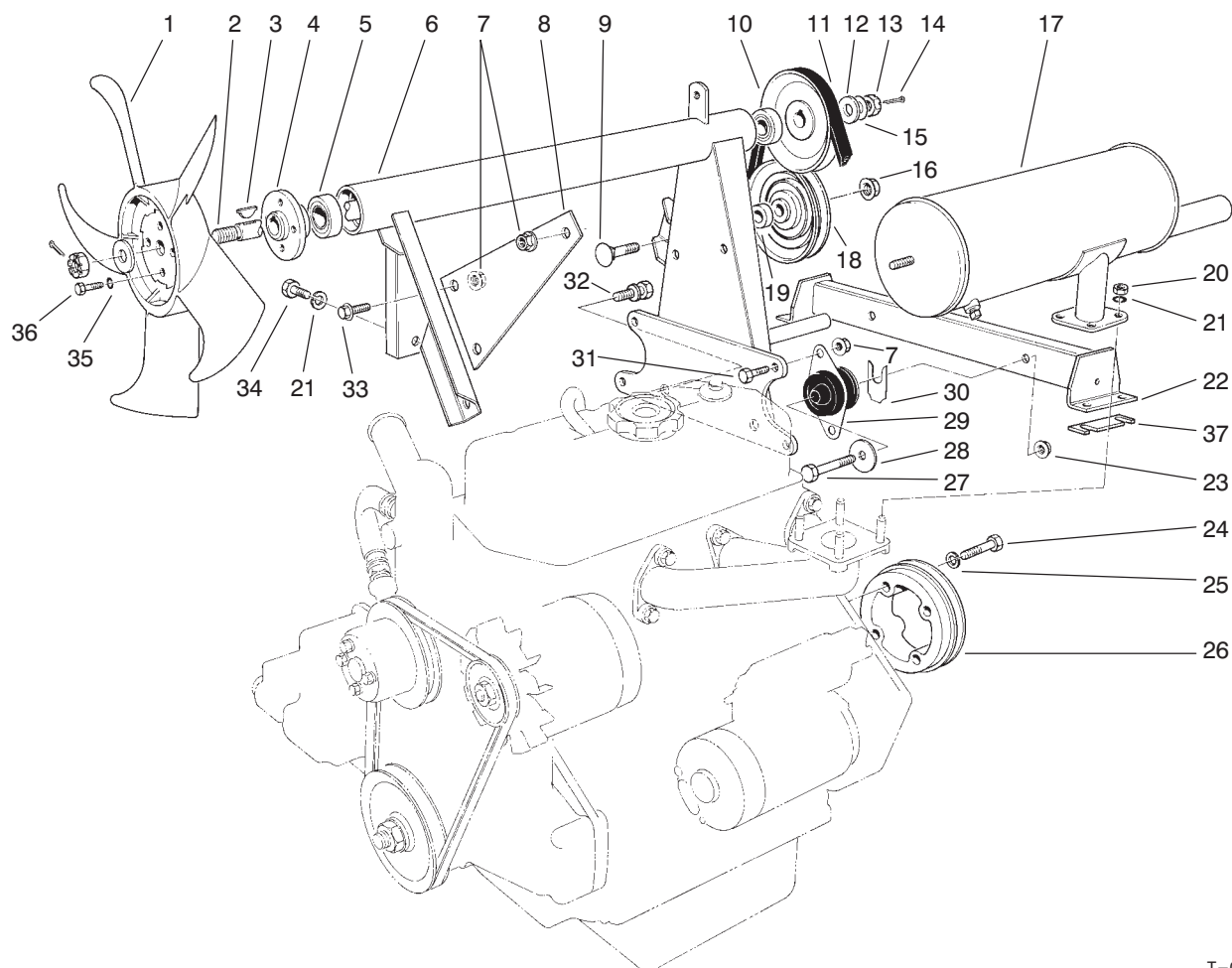
ENGINE ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	43-3770	Link - Throttle	1	24	32128-23	Nut - Flange	2
2	3219-1	Nut	5	25	3256-64	Washer - Flat	4
3	18-1720	Asm. - Ball Joint	2	26	43-5950	Washer - Lock	4
4	37-8770	Bolt - Shoulder	1	27	43-3510	Pulley - Engine	1
5	3296-20	Nut - Lock	1	28	43-3210	Screw - HH	4
6	2412-31	Clamp - Bodine	1	29	75-9900	Engine Support - Front	1
7	321-4	Screw - HH	1	30	3257-33	Key - Woodruff	1
8	3256-22	Washer - Flat	1	31	302-10	Fitting - Grease	1
9	43-3780	Swivel - Throttle Control	1	32	43-3720	Collar - Bearing	1
10	25-8640	Screw - Machine	1	33	251-252	Bearing - Ball	1
11	43-1940	Adapter - Temp. Gauge	1	34	32120-22	Ring - Retaining, Internal	1
12	32152-1	Nut - Flange	1	35	32120-69	Ring - Retaining, External	1
13	43-1440	Engine Assembly (Unit Serial No. 50001 thru 60119)	1	36	3241-5	Screw - Set Socket Head	2
13	94-9160	Engine Assembly (Unit Serial No. 60120 & Up)	1	37	27-1960	Hub - Engine	1
14	2412-108	Clamp - Worm Drive	1	38	324-12	Screw - HH	2
15	2412-79	Clamp	1	39	53-9480	Washer	2
16	3290-379	Tie - Cable	1	40	42-9600	Washer - Lock	3
17	5-3637	Washer	1	41	43-3190	Screw - HH	3
18	3254-2	Washer - Lock, Int. Tooth	2	42	21-1820	Stud - Belt Retainer	2
19	42-9580	Nut	2	43	3290-357	Nut - Flange	7
21	42-9100	Belt - Fan	1	44	32128-37	Nut - Flange	2
22	53-9710	Mount - Engine	2	45	3234-11	Screw - HH	4
23	53-9680	Engine Mount - Rubber	2	46	42-9510	Screw - HH	2
				47	3253-4	Washer - Lock	2
				48	43-3790	Bracket - Belt Guide	1
				49	4-2390	Washer	2



ENGINE ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
50	3217-5	Nut - Hex.	1	58	63-1400	Guide - Belt	1
51	3253-3	Washer - Lock	3	59	3290-224	Washer - Lock	1
52	43-3730	Bracket - Throttle Control	1	60	3234-18	Screw - HH	1
53	329-7	Screw - HH	1	61	3254-2	Washer - Lock, Ext. Tooth	1
54	43-3760	Lever - Throttle	1	62	5-0652	Spacer	2
55	47-7420	Hose	1	63	48-7630	Screw - HH	2
56	43-4230	Hose	1	64	43-5930	Washer - Lock	2
57	32153-2	Nut - Lock	1	65	66-3160	Screw	1

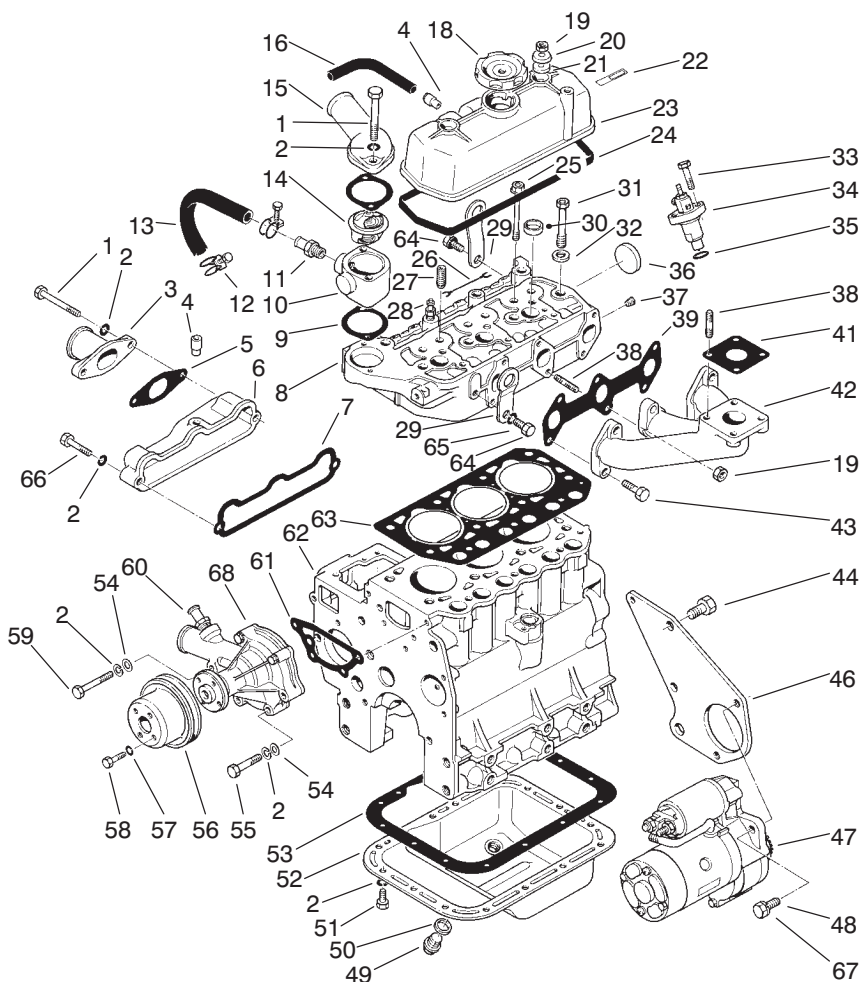


T-0430-1

ENGINE ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	43-1910	Fan - Cooling	1	21	3253-4	Washer - Lock	5
2	43-3690	Fan - Shaft	1	22	77-3140	Mount - Engine	1
3	3257-30	Key - Woodruff	2	23	32128-37	Nut - Flange	2
4	43-3700	Hub - Fan	1	24	43-3200	Screw - HH	4
5	38-7820	Bearing	2	25	42-9600	Washer - Lock	4
6	53-9750	Mount - Fan	1	26	43-3530	Pulley - Flywheel	1
7	3290-357	Nut - Flange	8	27	324-11	Screw - HH	2
8	43-3870	Support - Muffler	1	28	53-9480	Washer	2
9	3233-14	Bolt - Carriage	1	29	53-9680	Mount - Engine, Rubber	2
10	43-3880	Pulley	1	30	42-6080	Shim	A/R
11	43-5910	V-Belt	1	31	3234-11	Screw - HH	4
12	29-8910	Washer	2	32	66-7030	Screw - HH w/Washer	2
13	32136-3	Nut - Hex. Slotted	2	33	3234-12	Screw - Flange	2
14	3272-16	Pin - Cotter	2	34	42-9230	Screw - HH	1
15	3-6803	Washer	A/R	35	3253-3	Washer - Lock	4
16	32128-23	Nut - Flange	1	36	321-3	Screw - HH	4
17	43-3850	Muffler	1	37	68-9110	Shim	A/R
18	66-5310	Pulley - Idler	1	*	68-9111	Shim	A/R
19	66-5320	Spacer	1	*	68-9112	Shim	A/R
20	42-9580	Nut	4				

*Not Illustrated

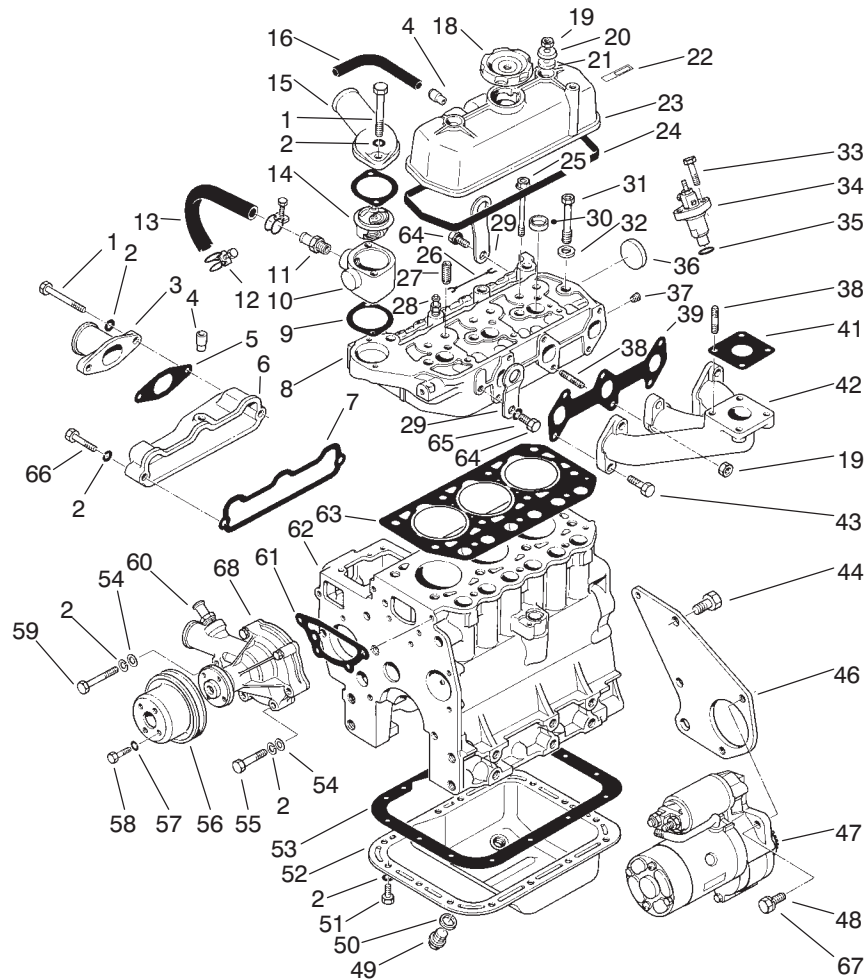


T-0431-1

ENGINE ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	42-9310	Screw - HH	4	26	42-9180	Wire - Glow Plug Lead	2
2	42-9850	Washer - Lock	24	27	42-7460	Guide - Valve	6
3	42-9150	Inlet - Pipe	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	Asm. - Intake Manifold	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	Asm. - Head, Cylinder	1	33	42-9390	Bolt (8 x 32)	6
†*	93-1369	Asm. - Head, Cylinder	1	34	44-8070	Asm. - Nozzle & Holder	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	43-1780	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	42-9580	Nut (8)	3	46	43-1770	Plate - Rear	1
20	42-9800	Washer	2	47	46-7610	Asm. - Starter	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	Asm. - Cover, Rocker	1	50	42-7290	Gasket - Oil Drain Plug (18)	1
24	42-7520	Gasket - Cover, Rocker	1	51	42-9230	Screw - Cap (8 x 16)	15
25	93-3180	Bolt - Cylinder Head (10 x 90)	3				

† For engines with Serial No. 86155 & up.



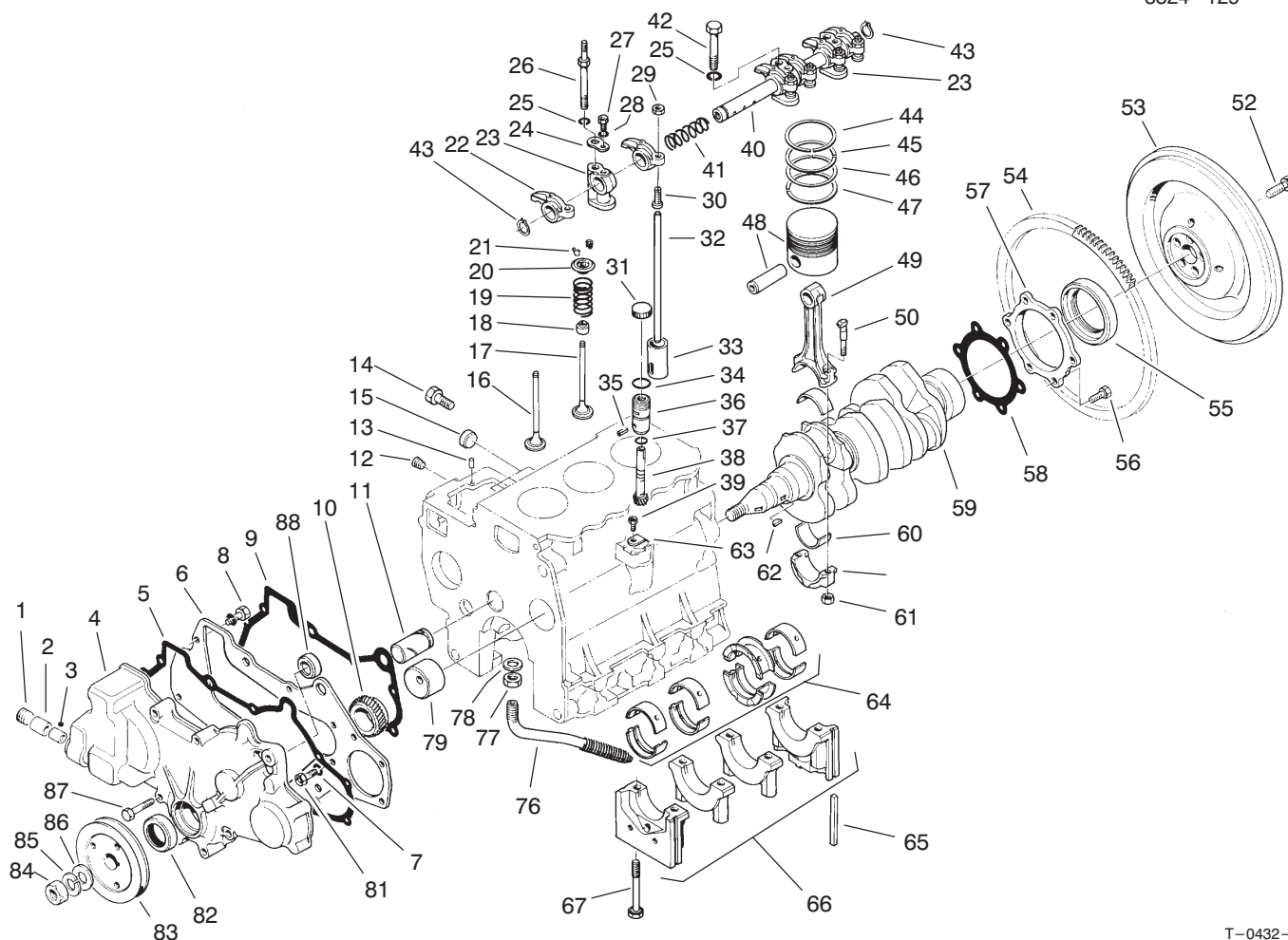
T-0431-1

ENGINE ASSEMBLY (Continued)

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

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

*Not Illustrated



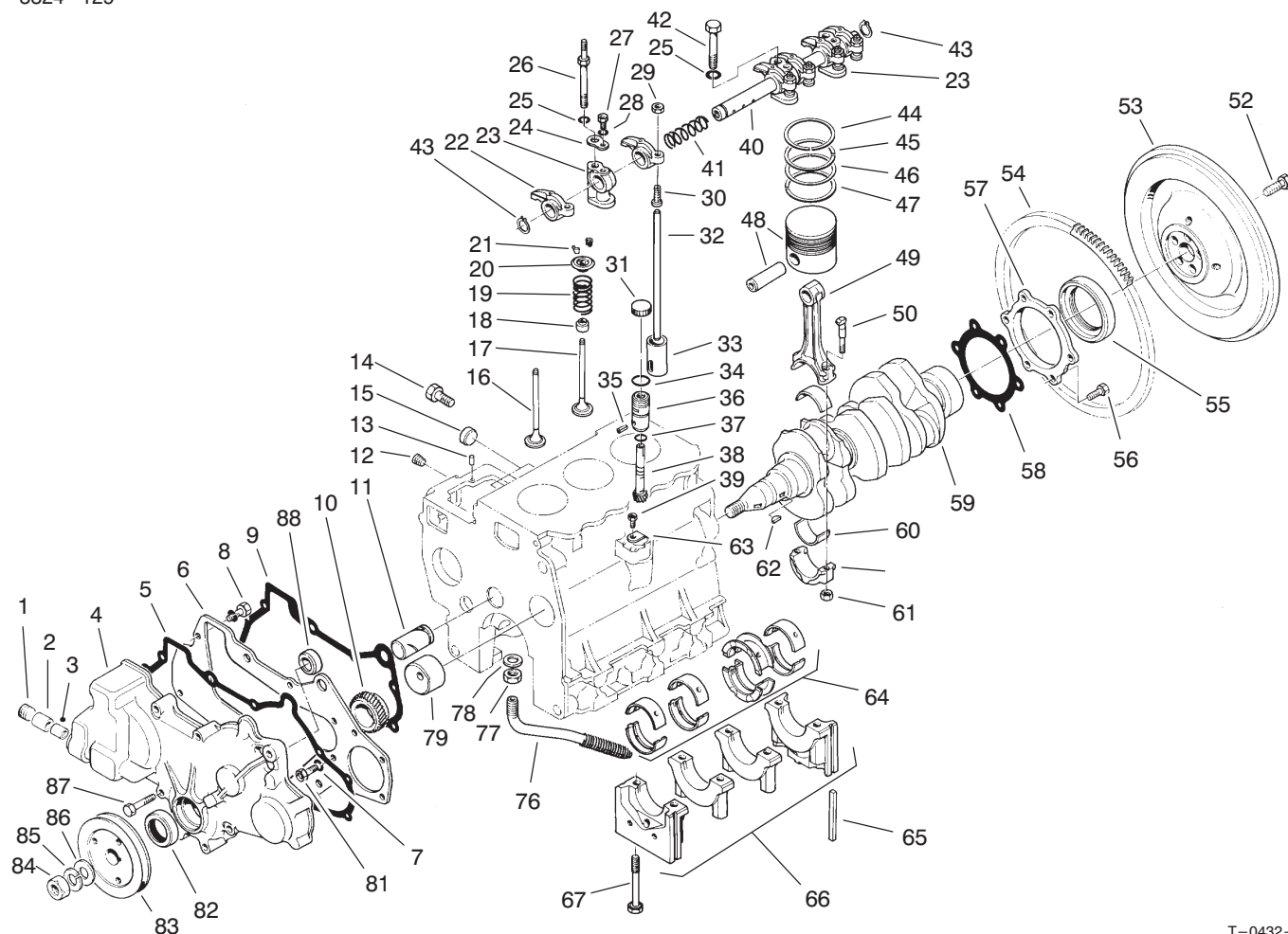
T-0432-2

ENGINE ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
1	42-7400	Plug - Taper	1
2	42-7320	Bearing - Needle	1
3	42-7310	Bearing - Needle	1
4	93-3689	Case - Gear	1
5	42-7340	Gasket - Gear Case	1
6	62-3740	Plate - Front	1
7	42-9850	Washer - Lock	5
8	67-2340	Screw - HH w/Washer	2
9	42-7150	Gasket - Front Plate	1
10	42-7700	Gear - Crankshaft	1
11	42-7110	Shaft - Idler	1
12	67-2390	Plug - Taper	2
13	56-0220	Pin - Dowel	2
14	42-9250	Screw - HH	4
15	42-7080	Cap - Sealing	2
16	93-1351	Valve - Intake	3
17	93-1352	Valve - Exhaust	3
18	92-1961	Seal - Valve Stem	6
19	42-7880	Spring - Valve	6
20	42-7850	Retainer - Valve Spring	6
21	42-7860	Lock - Spring Retainer	12
22	42-7940	Arm - Rocker	6
23	42-7970	Stay - Rocker	3
24	42-7950	Washer - Seat	2
25	42-9600	Washer - Spring	3

Ref. No.	Part No.	Description	No. Used
26	42-9360	Bolt	2
27	42-9350	Screw - HH	2
28	43-5930	Washer - Lock	2
29	42-9620	Nut - Jam	6
30	42-7980	Screw - Adjusting	6
31	93-3688	Cap - Shipping	1
32	42-7920	Rod - Push	6
33	42-7890	Tappet	6
34	42-9010	O-Ring	1
35	42-8970	Pin - Spring	1
36	42-8980	Sleeve - Gear	1
37	42-8990	O-Ring	1
38	42-8990	Gear - Driven	1
39	42-9440	Screw - HH	1
40	42-7960	Shaft Assembly - Rocker	1
41	42-7930	Spring - Rocker Shaft L.H.	1
42	42-9370	Screw - HH	1
43	42-7990	Ring - Snap	2
44	72-4200	Ring - Set - Piston Std.	3
45	72-4210	Ring Set - Piston 0.25 (.010 in.) 0.5.	3
46	72-4220	Ring Set - Piston 0.50 (.020 in.) 0.5.	3
47	72-4230	Ring Set - Piston 0.75 (.030 in.) 0.5.	3

*Not Illustrated



T-0432-2

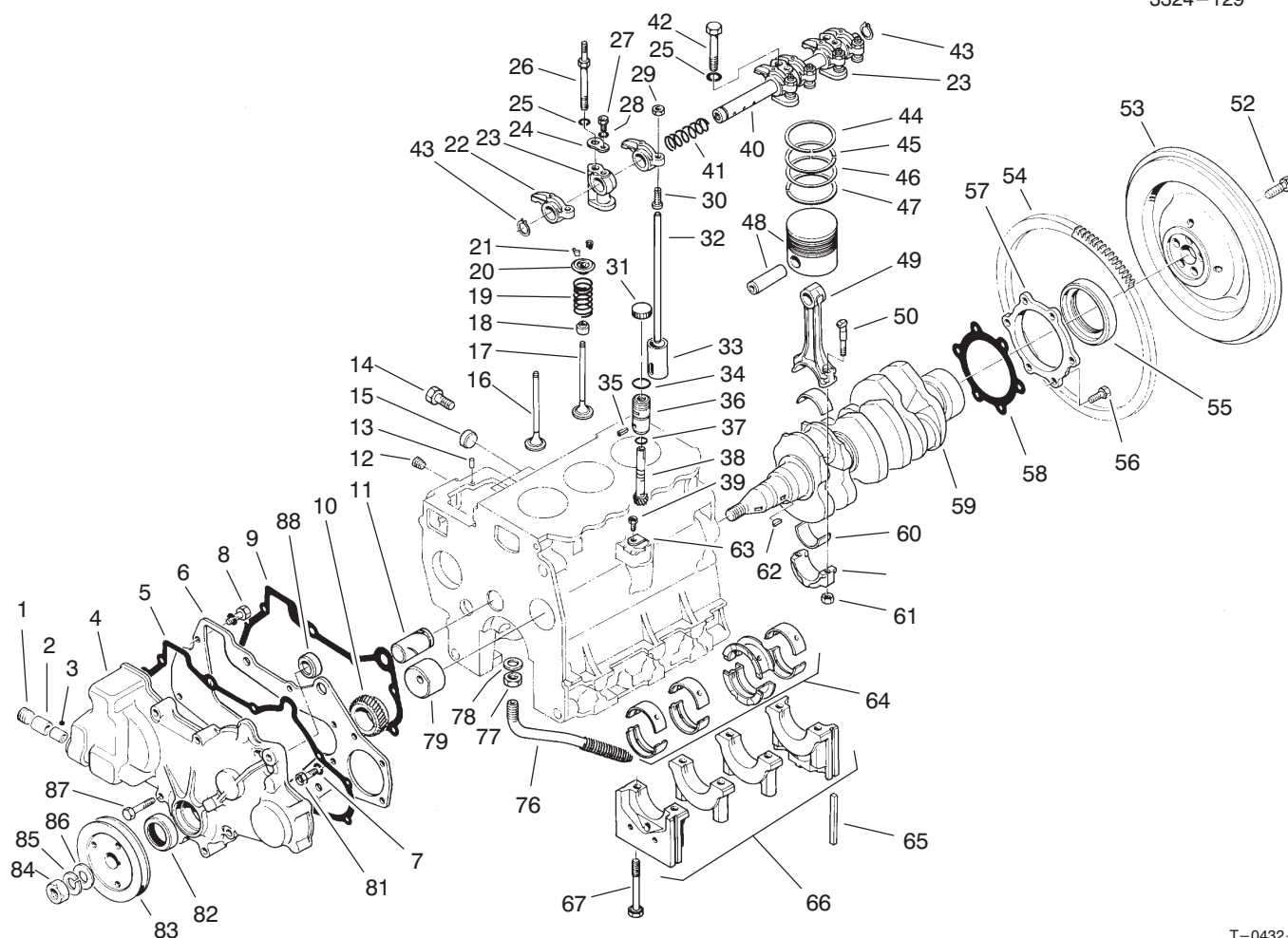
ENGINE ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
48	72-4240	Piston & Piston Pin Std.	3
*	72-4250	Piston & Piston Pin 0.25 (.010 in.) 0.5.	3
*	72-4260	Piston & Piston Pin 0.50 (.020 in.) 0.5.	3
*	72-4270	Piston & Piston Pin 0.75 (.030 in.) 0.5.	3
49	42-7650	Asm. - Connecting Rod	3
50	67-2860	Bolt - Connecting Rod	6
52	54-8670	Bolt - Flywheel	5
53	43-1800	Flywheel (Incl. Ref. #54)	1
54	43-1810	Gear - Ring	1
55	42-7060	Seal - Oil	1
56	42-9220	Screw - Cap Hex. Hd.	6
57	42-7120	Case - Oil Seal	1
58	42-7130	Gasket - Oil Seal	1
59	42-7710	Crankshaft	1
60	42-7660	Bearing Set Connecting Rod Std.	3
*	42-7670	Bearing Set Connecting Rod 0.25 (.010 in.) U.S.	3
*	42-7680	Bearing Set Connecting Rod 0.50 (.020 in.) U.S.	3

Ref. No.	Part No.	Description	No. Used
*60	42-7690	Bearing Set Connecting Rod 0.75 (.030 in.) U.S.	3
61	42-9590	Nut - Connecting Rod	6
62	42-7730	Key - Woodruff	2
63	42-9020	Plate - Locking	1
64	42-7230	Bearing Set Crankshaft Std.	1
*	42-7240	Bearing Set - Crankshaft 0.25 (.010 in.) U.S.	1
*	42-7250	Bearing Set - Crankshaft 0.50 (.020 in.) U.S.	1
*	42-7260	Bearing Set - Crankshaft 0.75 (.030 in.) U.S.	1
65	42-7040	Seal - Side	4
†66		Asm. - Bearing Cap	1
67	42-9210	Bolt - Bearing Cap	8
76	48-2010	Asm. - Screen, Oil	1
77	48-1990	Nut - Jam	1
78	48-1980	Gasket	1
79	42-7100	Bushing - Camshaft	1
81	42-9230	Screw - HH	3
82	42-7390	Seal - Oil	1
83	42-7720	Pulley - Crankshaft	1
84	43-6470	Nut	1
85	42-9860	Washer - Spring	1

*Not Illustrated

†Not Available



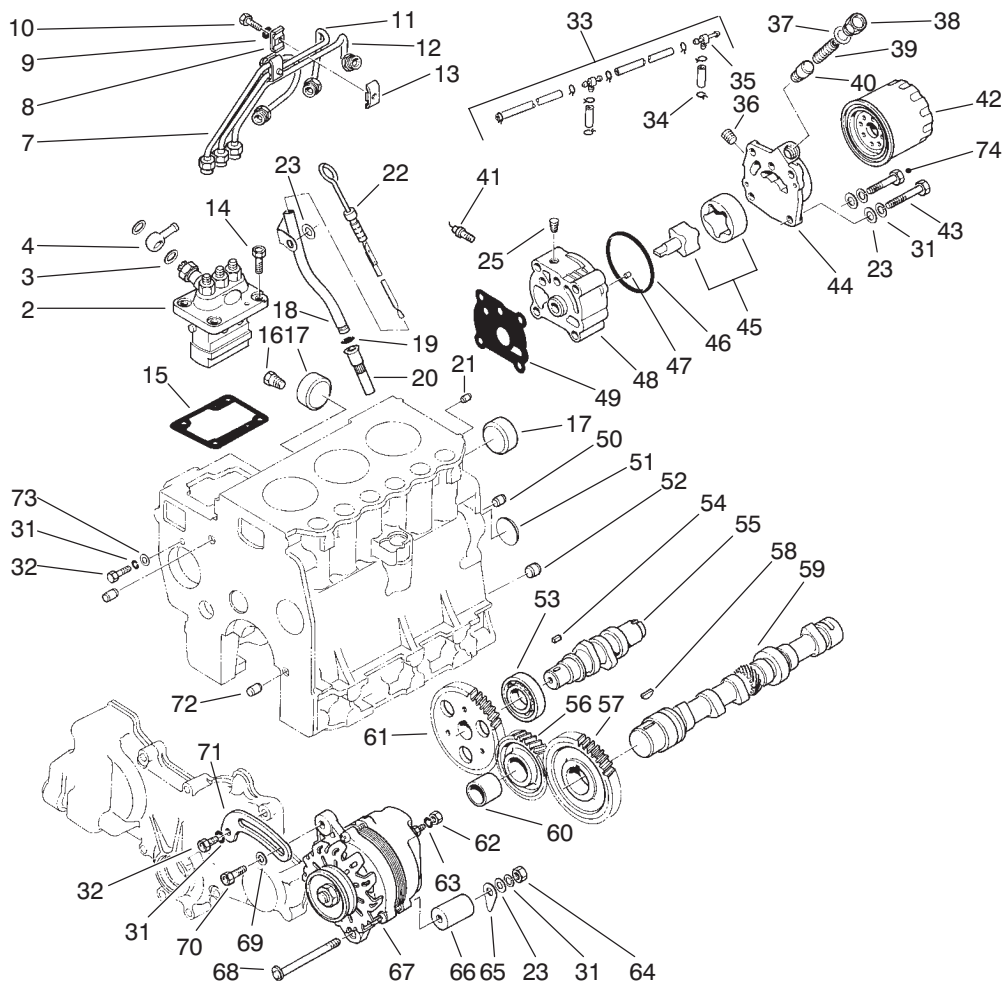
T-0432-2

ENGINE ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
86	42-9810	Washer - Flat	1	*	42-8960	Driven Unit - Speedometer (Incl. Ref. #34-38)	1
87	33114-045	Screw - HH	8				
88	82-2590	Plug - Thrust	1				

*Not Illustrated

†Not Available



T-0433-1

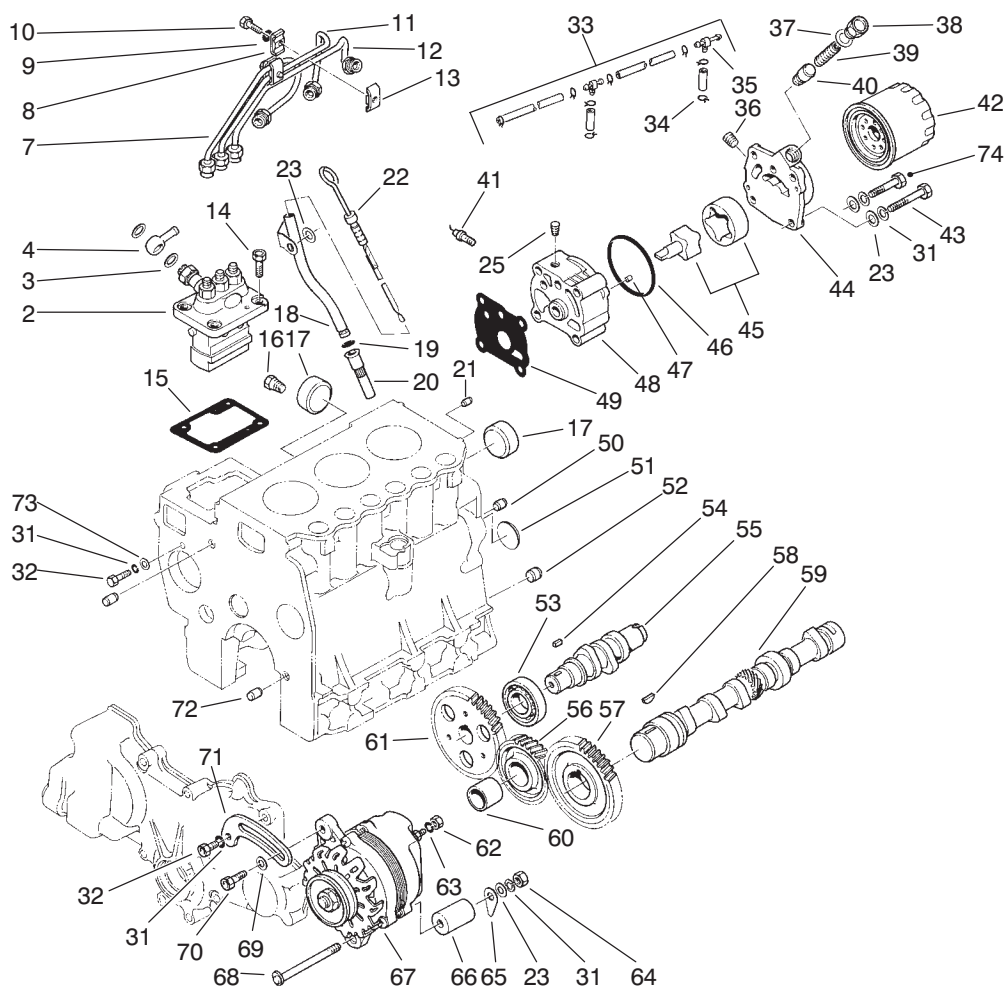
ENGINE ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
†2		Asm. – Pump, Fuel Injection (Used on Serial No. 60120 & Up)	1
3	42-9830	Washer – Seal	2
4	42-8100	Collar – Union	1
7	42-8130	Asm. – Pipe, Fuel Injection (No. 1)	1
8	56-0750	Clamp	2
9	43-5930	Washer – Lock	1
10	43-2600	Capscrew	2
11	42-8140	Asm. – Pipe, Fuel Injection (No. 2)	1
12	42-8150	Asm. – Pipe, Fuel Injection (No.3)	1
13	56-0760	Clamp	2
†14	43-0110	Screw – HH (Used on Serial No. 60120 & Up)	3
15	42-8010	Shim – 0.2 (.008 in.)	A/R
*	42-8020	Shim – 0.3 (.012 in.)	A/R
*	42-8030	Shim – 0.4 (.016 in.)	A/R
15	42-8040	Shim – 0.5 (.020 in.)	A/R
*	42-8050	Shim – 0.6 (.024 in.)	A/R
*	42-8060	Shim – 0.7 (.028 in.)	A/R

Ref. No.	Part No.	Description	No. Used
*	42-8070	Shim – 0.8 (.032 in.)	A/R
*	42-8080	Shim – 0.9 (.036 in.)	A/R
*	42-8090	Shim – 1.0 (.039 in.)	A/R
16	281-1	Plug – Taper	1
17	42-7090	Cap – Sealing	2
18	42-7050	Guide – Oil Level Gauge	1
19	43-2710	O-Ring	1
20	72-6950	Retainer – Oil Level Guide	1
21	42-7160	Pin – Dowel	1
22	42-7270	Asm. – Gauge, Oil Level	1
23	42-9660	Washer – Flat	6
25	67-2570	Plug – Taper	1
31	42-9850	Washer – Lock	7
32	42-9230	Screw – HH	2
33	42-8180	Asm. – Pipe, Fuel Return	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	Asm. – Oil Pressure Switch	1
42	42-9030	Asm. – Filter, Oil	1

*Not Illustrated

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

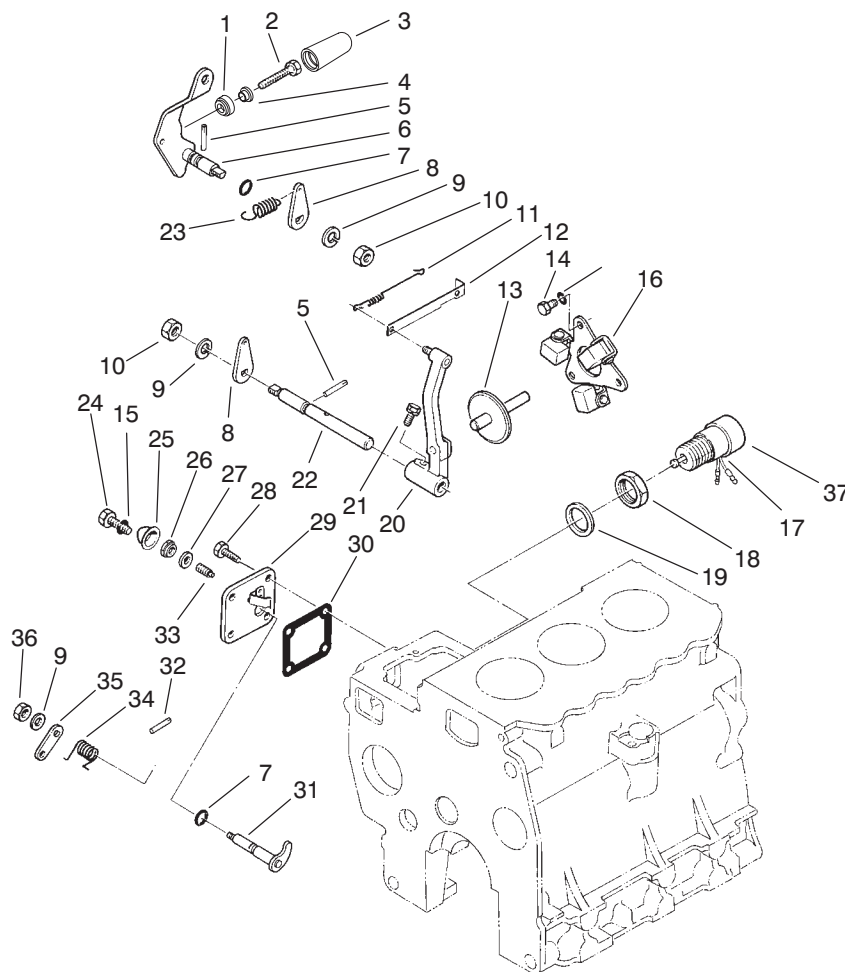


T-0433-1

ENGINE ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
43	42-9480	Screw - HH	3	61	42-7830	Gear - Injection Pump Cam	1
44	42-8920	Cover - Oil Pump	1	62	43-5970	Nut	1
45	42-8910	Asm. - Rotor, Oil Pump	1	63	43-5920	Washer - Lock	1
46	42-8940	O-Ring	1	64	42-9580	Nut	1
47	93-3657	Pin - Dowel	2	65	43-0370	Shim	AIR
48	42-8900	Body - Oil Pump	1	66	43-0380	Spacer	1
49	42-8950	Gasket - Oil Pump Body	1	67	43-0390	Alternator	1
50	42-7180	Bushing - Knock	2			(Model AH2035M4)	
51	42-7170	Plug - Expansion	1	68	43-1900	Screw - HH	1
52	42-7200	Bushing - Knock	1	69	54-8660	Washer	1
53	42-7820	Bearing - Ball	1	70	67-4660	Screw - HHF	1
54	42-7840	Key - Sunk	1	71	43-0400	Brace - Alternator	1
55	42-7810	Shaft - Injection Pump Cam	1	72	42-7190	Bushing - Knock	2
56	42-7790	Asm. - Idler Gear	1	73	42-9820	Washer	1
		(Incl. Ref. #60)	1	74	56-2120	Screw - Hex. Hd.	1
57	42-7780	Gear - Camshaft	1	*	42-8850	Asm. - Oil Pump	1
58	42-7730	Key - Woodruff	1			(Incl. Ref. 36-40 & 44-48)	
59	72-4280	Camshaft	1	*	95-3092	400 Hour Filter Kit	1
60		Bushing - Idler Gear	1			(Incl. Ref. #42)	

*Not Illustrated

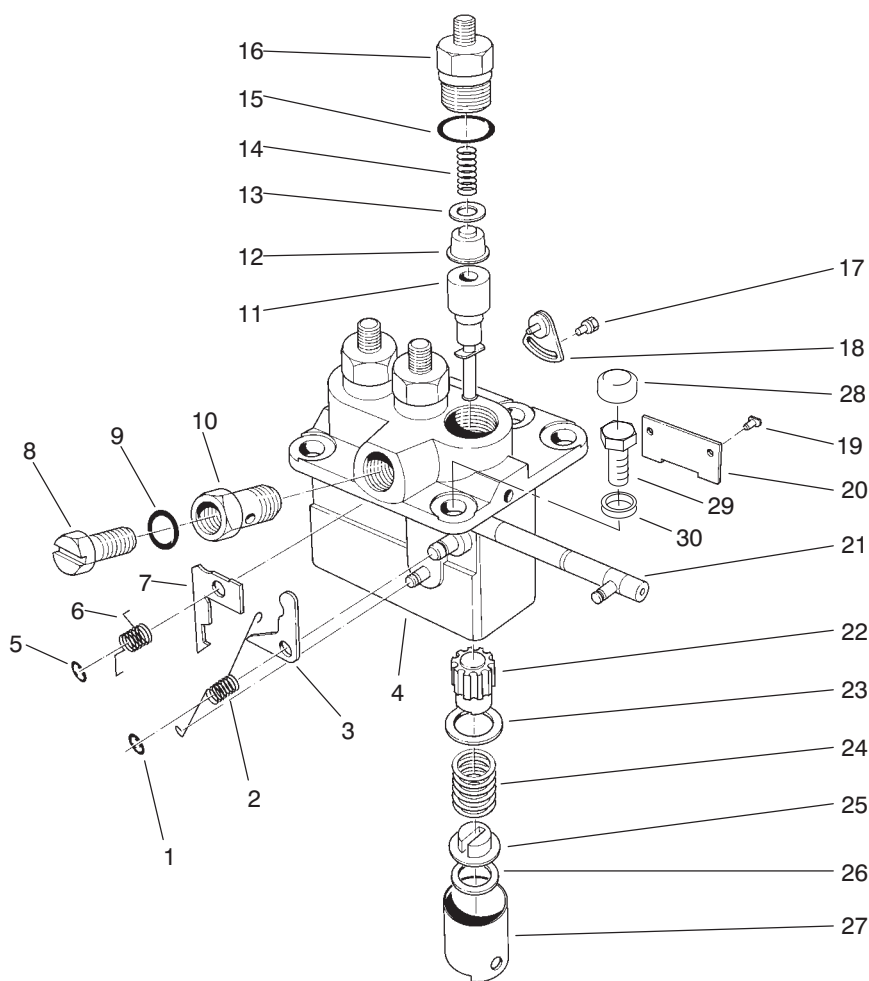


T-2434

GOVERNOR ASSEMBLY (Used on Serial No. 60120 & Up)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
†1		C-Ring, High Speed Set	1	20	42-8730	Asm. - Governor Lever	1
†2		Bolt - High Speed Set	1	21	42-9450	Asm. - Bolt/Washer	1
†3		Cover - High Speed Set	1	22	42-8760	Shaft - Governor	1
†4		Nut - High Speed Set	1	23	42-8820	Spring - Governor	1
5	42-8810	Pin - Grooved	2	24	43-2800	Screw - HH	1
6	42-8780	Asm. - Speed Control Lever	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 - HH	3
10	42-9580	Nut - Jam	2	29	42-8790	Asm. - Cover (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	Asm. - Lever, Stop	1
13	42-8720	Asm. - Sliding Shaft	1	32	42-8810	Pin - Grooved	1
14	42-9430	Screw - HH	3	33	43-3160	Screw - Adjusting	1
15	43-5930	Washer - Lock	4	34	44-8100	Spring Return	1
16	67-4040	Asm. - Weight, 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				

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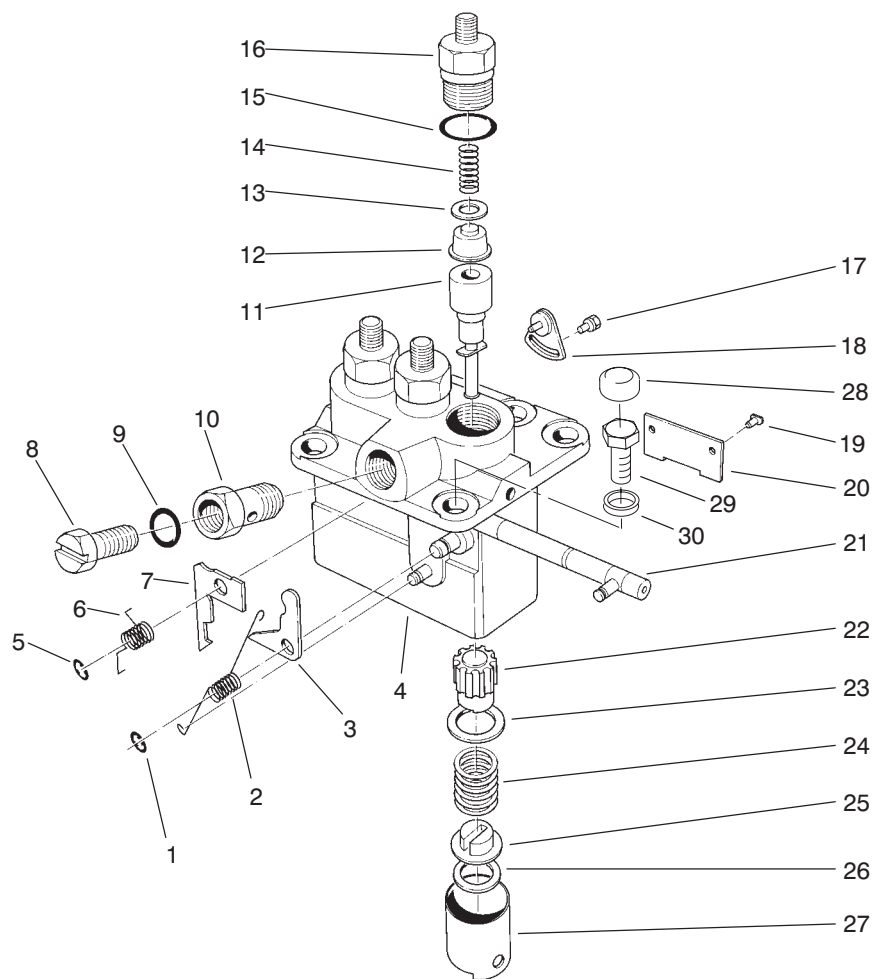
T-2435

FUEL INJECTION PUMP ASSEMBLY (Used on Serial No. 60120 & Up)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	70-4240	E-Ring	1	7	43-3020	Plate - Smoke Set 2.6 (.102 in.) Mark 63	A/R
2	43-3110	Spring - Ungleich Set	1	*	95-1573	Plate - Smoke Set 1.2 (.047 in.) Mark 49	A/R
3	95-1566	Plate - Ungleich Set 17.0 (.669 in.) Mark 6	A/R	*	95-1574	Plate - Smoke Set 1.3 (.051 in.) Mark 50	A/R
*	95-1567	Plate - Ungleich Set 16.9 (.665 in.) Mark 7	A/R	*	95-1576	Plate - Smoke Set 1.4 (.055 in.) Mark 51	A/R
*	95-1568	Plate - Ungleich Set 16.8 (.661 in.) Mark 8	A/R	*	56-0900	Plate - Smoke Set 1.5 (.059 in.) Mark 52	A/R
*	95-1569	Plate - Ungleich Set 16.7 (.657 in.) Mark 9	A/R	*	56-0990	Plate - Smoke Set 1.6 (.063 in.) Mark 53	A/R
*	95-1570	Plate - Ungleich Set 16.6 (.654 in.) Mark 10	A/R	*	56-0910	Plate - Smoke Set 1.7 (.067 in.) Mark 54	A/R
*	95-1571	Plate - Ungleich Set 16.85 (.663 in.) Mark 11	A/R	*	56-1000	Plate - Smoke Set 1.8 (.071 in.) Mark 55	A/R
*	95-1572	Plate - Ungleich Set 16.75 (.659 in.) Mark 12	A/R	*	56-0920	Plate - Smoke Set 1.9 (.075 in.) Mark 56	A/R
4		Pump Housing Sub Asm.	1	*	56-1010	Plate - Smoke Set 2.0 (.079 in.) Mark 57	A/R
5	54-8780	E-Ring	1	*	56-0930	Plate - Smoke Set 2.1 (.083 in.) Mark 58	A/R
6	42-8460	Spring Return	1	*	43-3000	Plate - Smoke Set 2.2 (.087 in.) Mark 59	A/R
7	54-8700	Plate - Smoke Set 2.3 (.091 in.) Mark 60	A/R	8	42-8370	Screw - Air Breather	1
*	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				

*Not Illustrated

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T-2435

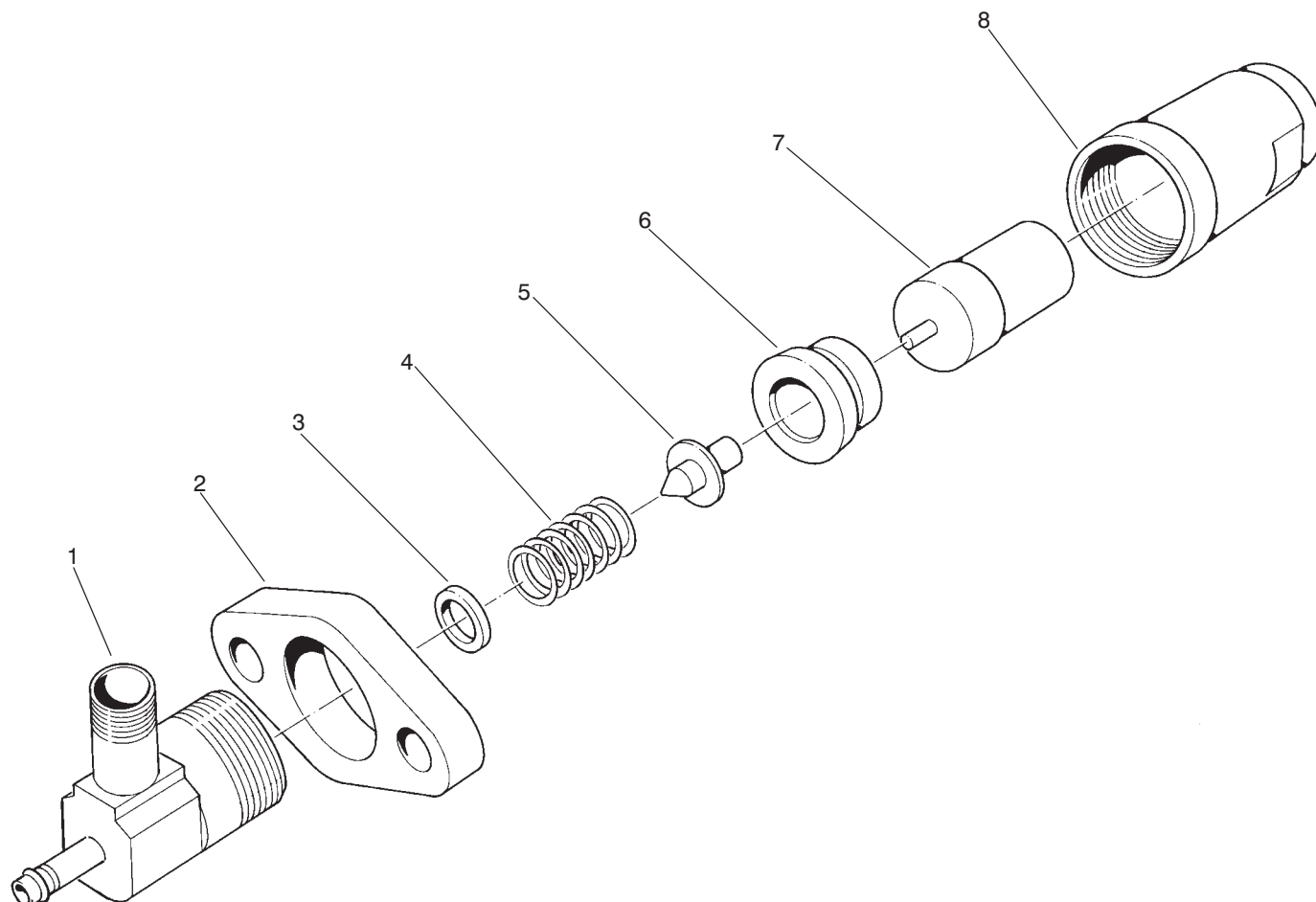
FUEL INJECTION PUMP ASSEMBLY (Continued) (Used on Serial No. 60120 & Up)

Ref. No.	Part No.	Description	No. Used
9	42-9770	Washer	1
10	42-8380	Screw - Hollow	1
11	42-8260	Element Sub Asm.	3
12	42-8250	Delivery Valve Sub Asm.	3
13	42-8240	Gasket - Delivery Valve	3
14	42-8230	Spring - Delivery Valve	3
15	42-8330	O-Ring	3
16	42-8220	Holder - Delivery Valve	3
17	43-3150	Asm. - Bolt/Washer	2
18	42-8360	Asm. - Plate, Adjusting	2
19	42-8340	Pin - Tappet Guide	3
20	42-8350	Plate	1
21	42-8310	Asm. - Rack, 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

Ref. No.	Part No.	Description	No. Used
26	70-4080	Shim - Plate 0.3 (.0121 in.)	A/R
*	70-4090	Shim - Plate 0.4 (.016 in.)	A/R
*	70-4100	Shim - Plate 0.5 (.020 in.)	A/R
*	42-8440	Shim - Plate 0.25 (.010 in.)	A/R
*	42-8450	Shim - Plate 0.35 (.014 in.)	A/R
*	43-6240	Shim - Plate 0.45 (.018 in.)	A/R
*	54-8680	Shim - Plate 0.55 (.022 in.)	A/R
*	54-8690	Shim - Plate 0.65 (.026 in.)	A/R
27	42-8300	Tappet Sub Asm.	3
†28		Cover	1
†29		Screw - Cap Hex. Hd.	1
†30		C-Ring	1

*Not Illustrated

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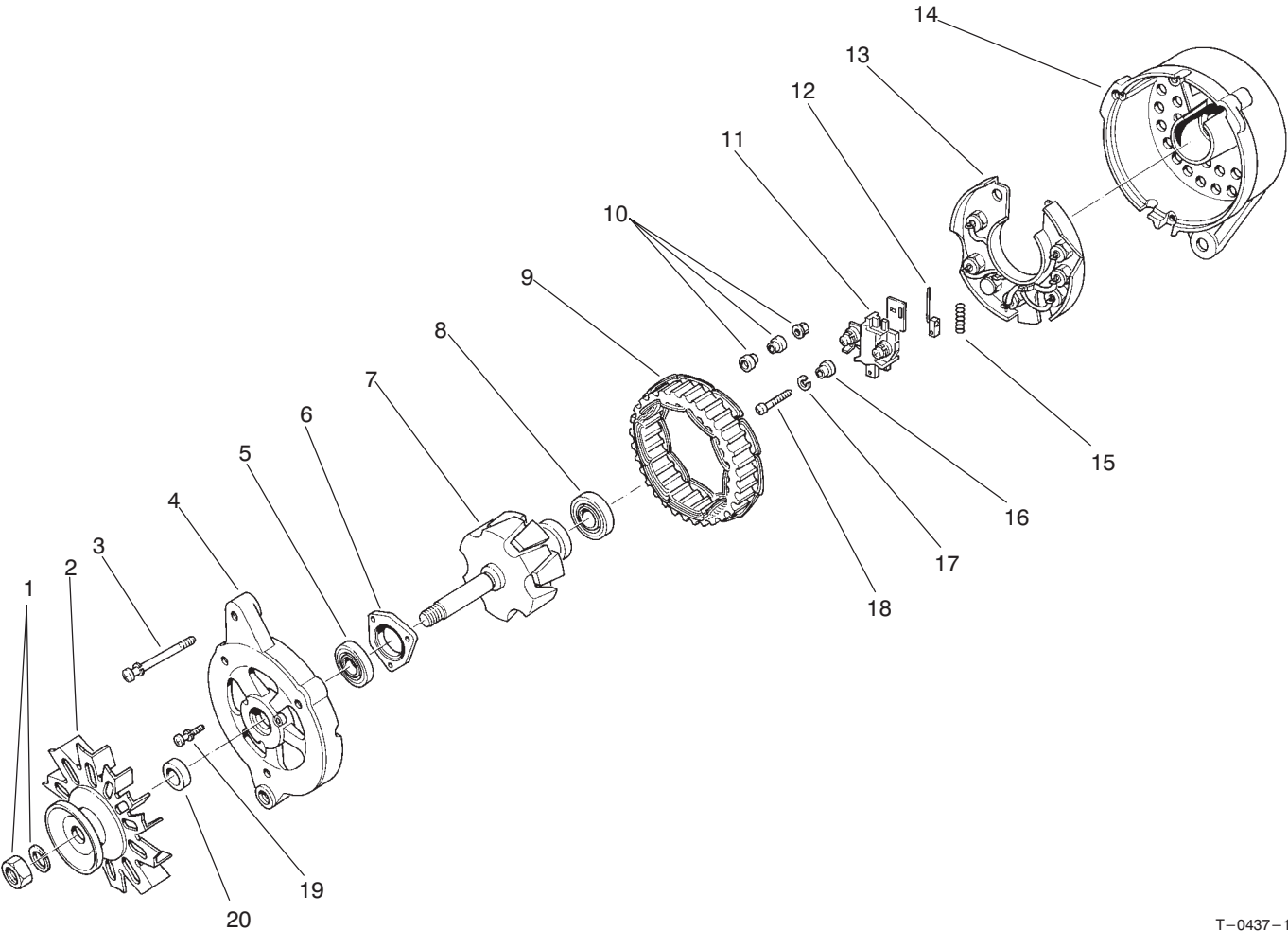


T-0436-1

NOZZLE & HOLDER ASSEMBLY NO. 44-8070

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	44-8080	Body	3	*3	42-9730	Washer 1.1 (.043 in.)	A/R
2	42-8670	Flange	3	*	42-9740	Washer 1.2 (.047 in.)	A/R
3	42-9680	Washer 1.3 (.051 in.)	A/R	*	42-9750	Washer 0.1 (.004 in.)	A/R
*	42-9690	Washer 1.35 (.053 in.)	A/R	4	51-7500	Spring - Pressure	3
*	42-9700	Washer 1.4 (.055 in.)	A/R	5	93-3181	Pin - Pressure	3
*	42-9710	Washer 0.9 (.035 in.)	A/R	6	51-7520	Piece - Distance	3
*	42-9720	Washer 1.0 (.039 in.)	A/R	7	42-8680	Asm. - Nozzle	3
				8	42-8650	Nut - Retaining	3

*Not Illustrated

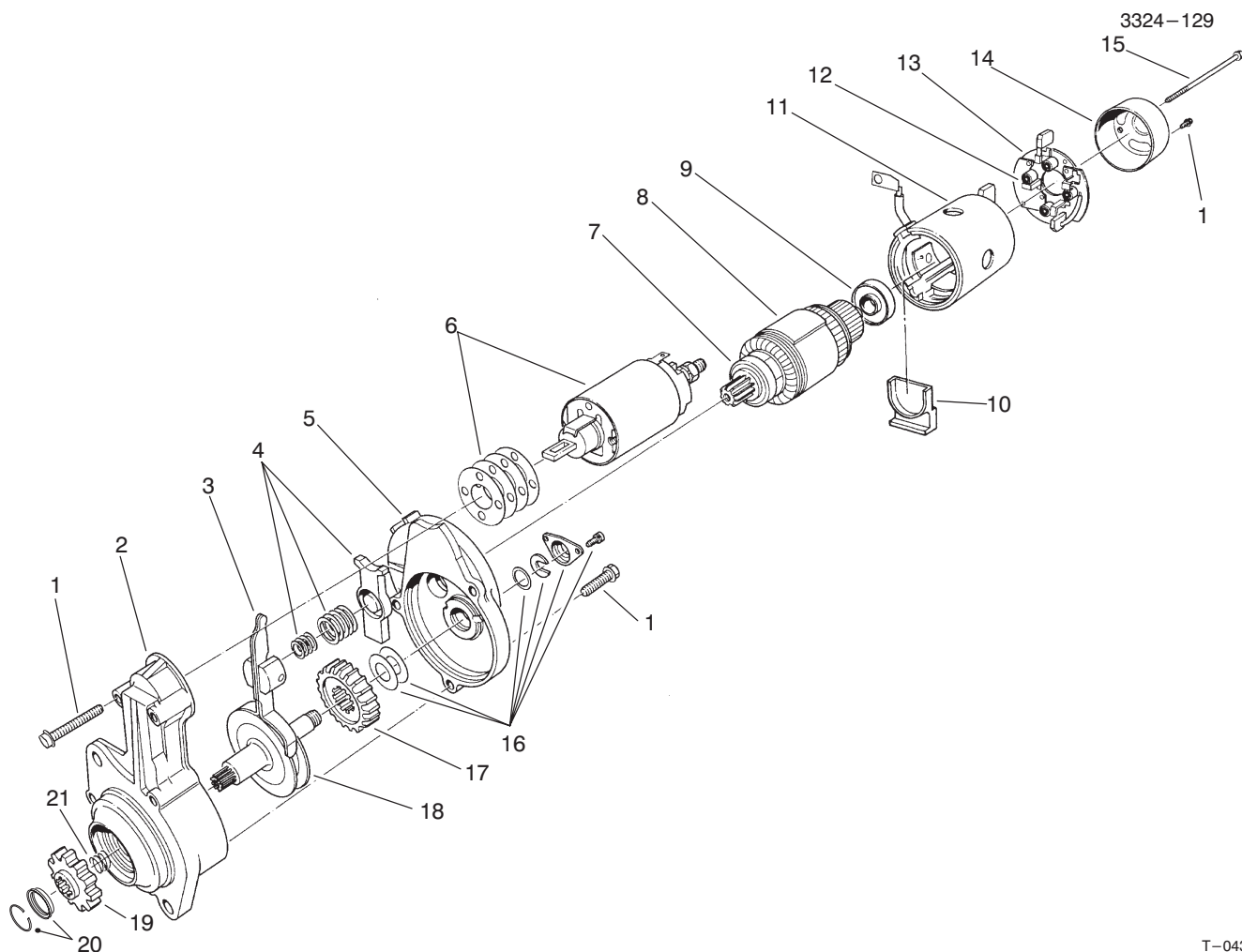


T-0437-1

ALTERNATOR ASSEMBLY NO. 43-0390

Ref. No.	Part No.	Description	No. Used
1	51-7850	Nut Set	1
2	43-0420	Asm. - Pulley (Incl. Ref. #20)	1
3	43-0120	Screw - Set	1
4	43-0430	Asm. - Bracket, Front (Incl. Ref. #5-6 & 19)	1
5	70-3320	Bearing - Front	1
6		Plate - Bearing Retainer	1
7	51-7910	Asm. - Rotor (Incl. Ref. #8)	1
8	51-7920	Bearing - Rear	1
9	43-0470	Stator	1
10	43-0080	Nut - Set	1

Ref. No.	Part No.	Description	No. Used
11	43-0490	Asm. - Holder, Brush (Incl. Ref. #12 & 15)	1
12	43-0500	Brush	2
13	43-0520	Asm. - Rectifier	1
14	43-0480	Asm. - Rear Bracket (Incl. Ref. #10-13 & 15-18)	1
15	70-2810	Spring - Brush	1
16	43-2720	Mold	1
17	43-5920	Washer - Lock	1
18	93-3654	Screw	1
19	51-7890	Screw - Set	1
20		Collar - Shaft	1



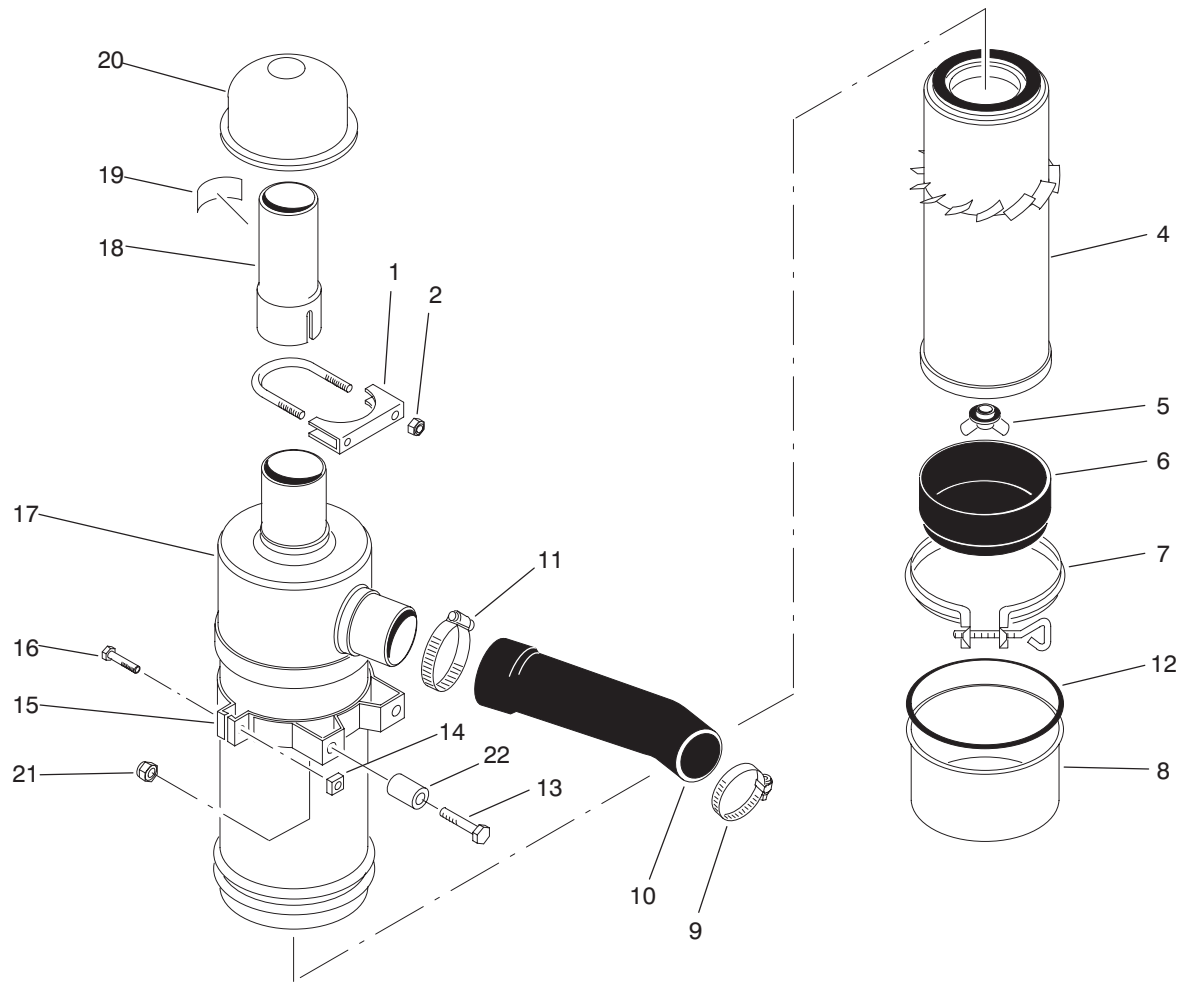
T-0438-1

STARTER ASSEMBLY NO. 46-7610

Ref. No.	Part No.	Description	No. Used
1	93-3655	Screw - Set	1
2	46-7630	Asm. - Bracket, Front	1
3	46-7640	Asm. - Lever	1
4	43-0190	Spring Set	1
5	46-7650	Asm. - Bracket, Center	1
6	46-7660	Asm. - Switch	1
7	46-7680	Bearing - Front	1
8	46-7670	Armature Set (Incl. Ref. #7 & 9)	1
9	70-3330	Bearing - Rear	1
10	46-8050	Packing	1
11	46-7780	Asm. - Yoke	1
12	51-7820	Spring - Brush	4
13	51-7810	Asm. - Brush Holder (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	Asm. - Shaft, 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	Asm. - Shaft, Clutch (Incl. Ref. #16-20)	1

*Not Illustrated



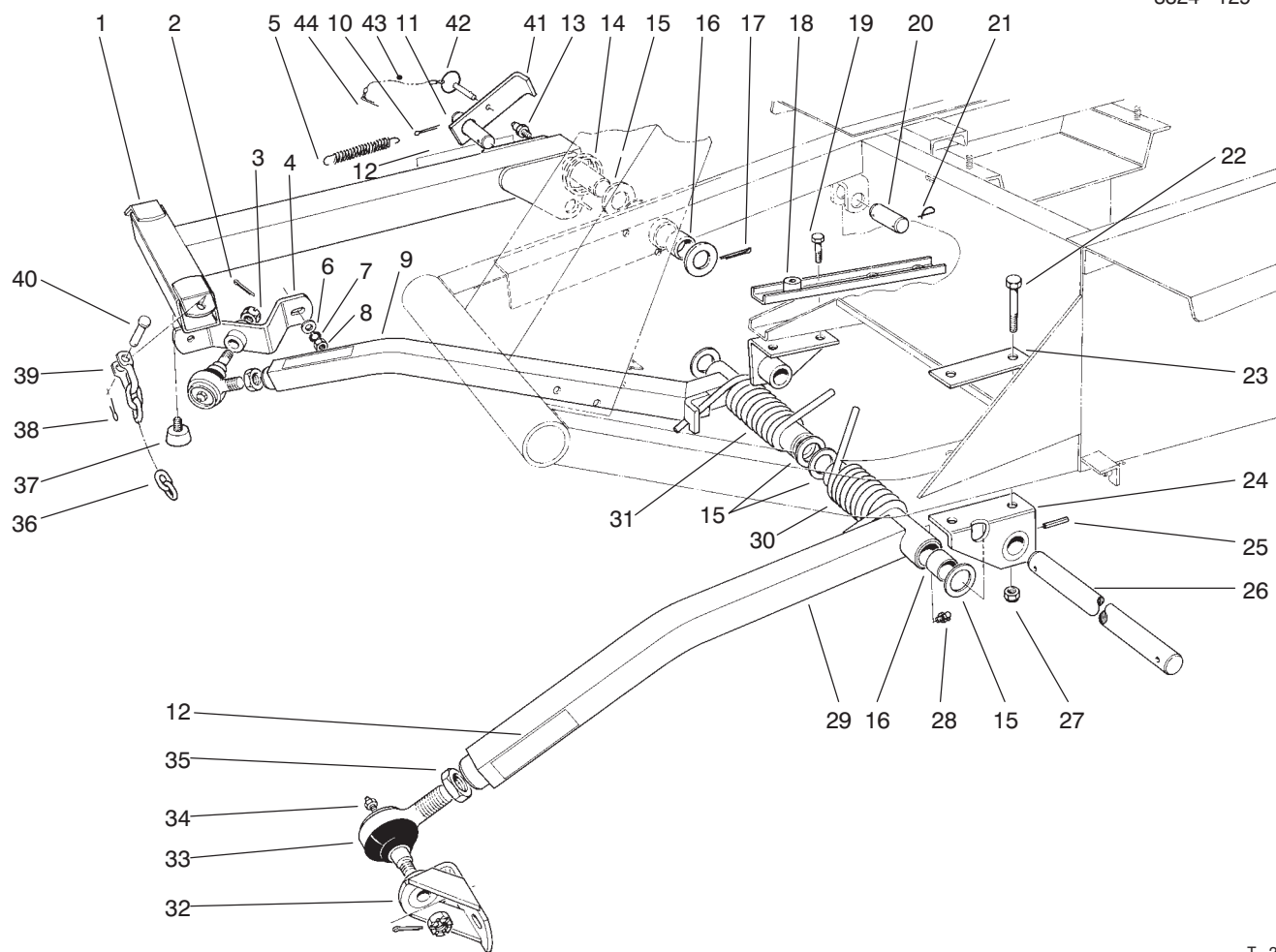
T-1188-2

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	Asm. - Element	1
5	27-7120	Asm. - Nut & Gasket	1
6	27-7140	Skirt - Baffle	1
7	27-7130	Asm. - Clamp	1
8	27-7150	Asm. - Cup	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 - HH	4

Ref. No.	Part No.	Description	No. Used
14	32107-11	Nut	2
15	27-7170	Asm. - Band (Incl. Ref. #14 & 16)	2
16	3258-19	Screw - Mach. Rd. Hd.	2
17	27-7100	Asm. - Air Cleaner (Incl. Ref. #3-8)	1
18	44-8950	Tube - Air Cleaner	1
19	93-7275	Decal - Starting Fluid	1
20	27-7180	Asm. - Cap, Air Inlet	1
21	3296-29	Nut - Lock	4
22	77-3180	Spacer	4
*	95-3092	400 Hour Filter Kit (Incl. Ref. #4)	1

*Not Illustrated



T-2414-1

PUSH ARM ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	66-6370	Lift Arm	1	23	21-3750	Plate - Support	1
2	3272-11	Pin - Cotter	2	24	21-2860	Bracket - Push Arm	2
3	32136-2	Nut - Hex. Slotted	2	25	32121-84	Pin - Roll	2
4	21-3020	Ball Joint Mount R.H.	1	26	21-2990	Shaft - Pivot	1
5	21-1830	Spring - Tension	1	27	32128-42	Nut - Flange	4
6	3256-25	Washer - Flat	1	28	302-33	Fitting - Grease	2
7	3253-6	Washer - Lock	2	29	21-2960	Push Arm L.H.	
8	3217-8	Nut - Full	2			(Incl. Ref. #16 & 28)	1
9	66-7150	Push Arm R.H.	1	30	21-2900	Spring - Torsion L.H.	1
		(Incl. Ref. #16 & 28)		31	21-2890	Spring - Torsion R.H.	1
10	3272-24	Pin - Cotter	1	32	21-3050	Ball Joint Mount L.H.	1
11	24-9510	Pin	1	33	86-8100	Asm. - Ball Joint	2
12	93-6696	Decal - Warning	3	34	302-5	Fitting - Grease	2
13	302-5	Fitting - Grease	1	35	21-3000	Nut - Jam	2
14	46-8840	Spring - Lift Arm	1	36	3-1365	Chain - Lift	3
15	5-1754	Washer	6	37	67-9800	Bumper	1
16	256-126	Bushing	6	38	3272-10	Pin - Cotter	3
17	3272-33	Pin - Cotter	1	39	5-2942	Shackle	3
18	93-7040	Support Reinforcement	1	40	283-10	Pin	3
19	324-4	Screw - HH	2	41	93-7650	Lever - Locking	1
20	3-7292	Pin	1	42	93-7644	Pin - Hitch	1
21	5-3126	Pin - Spring	3	43	28-8070	Lanyard	1
22	324-11	Screw - HH	2	44	3272-7	Pin - Cotter	1

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 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 – 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.
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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