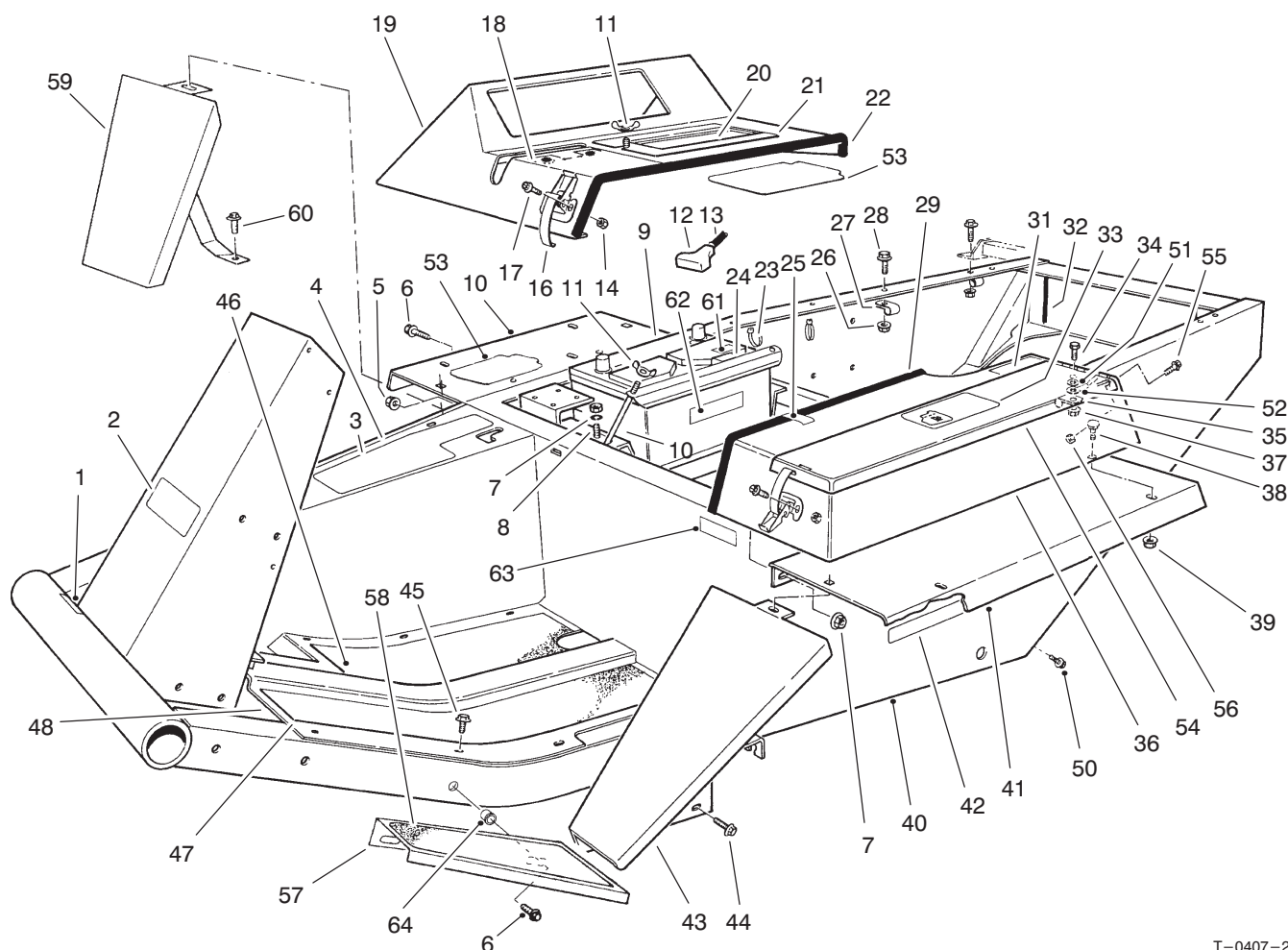




MODEL NO. 30739-200000001 & UP

PARTS CATALOG

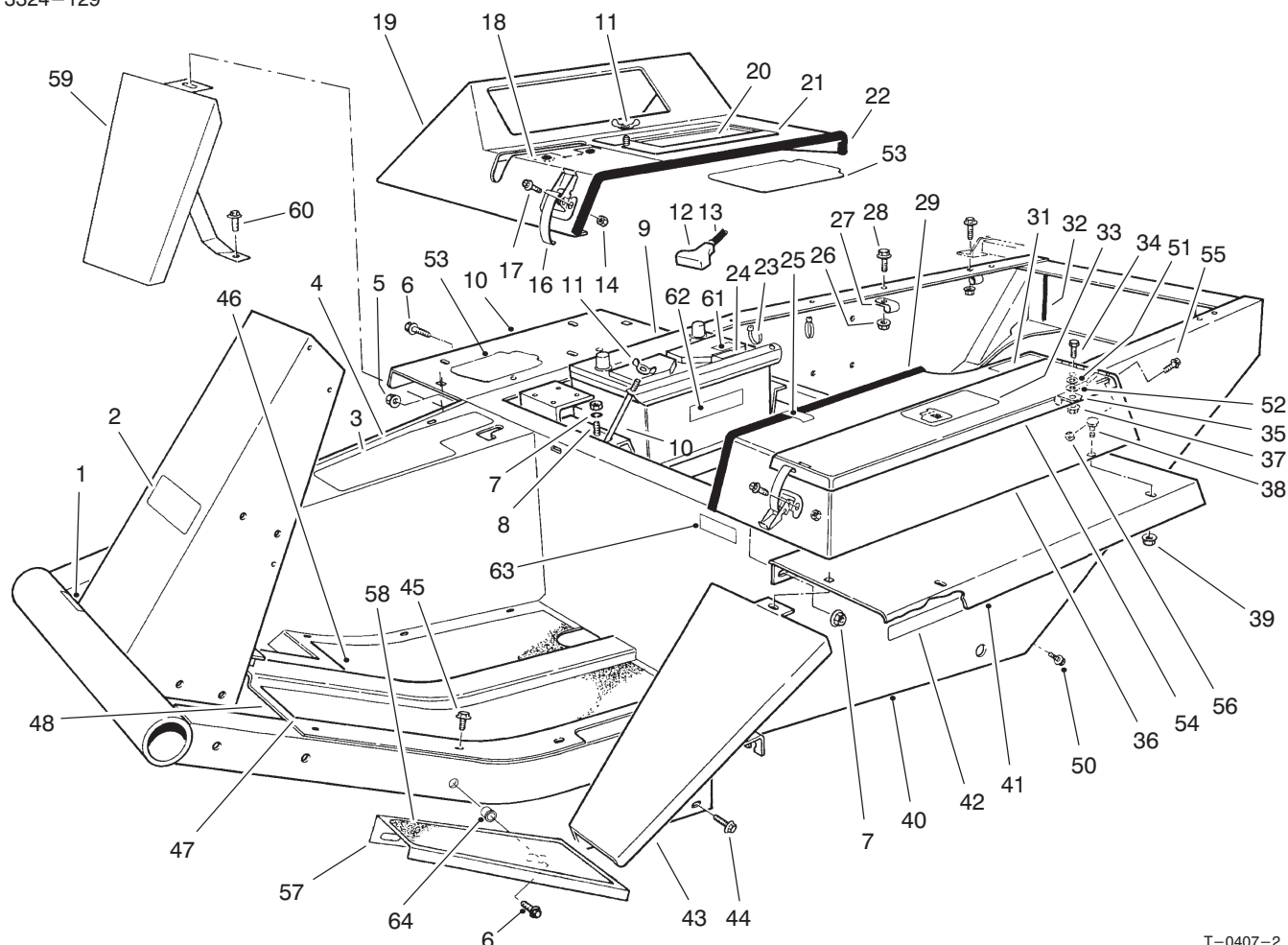
GROUNDMASTER® 325D Intl. 2WD TRACTION UNIT



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



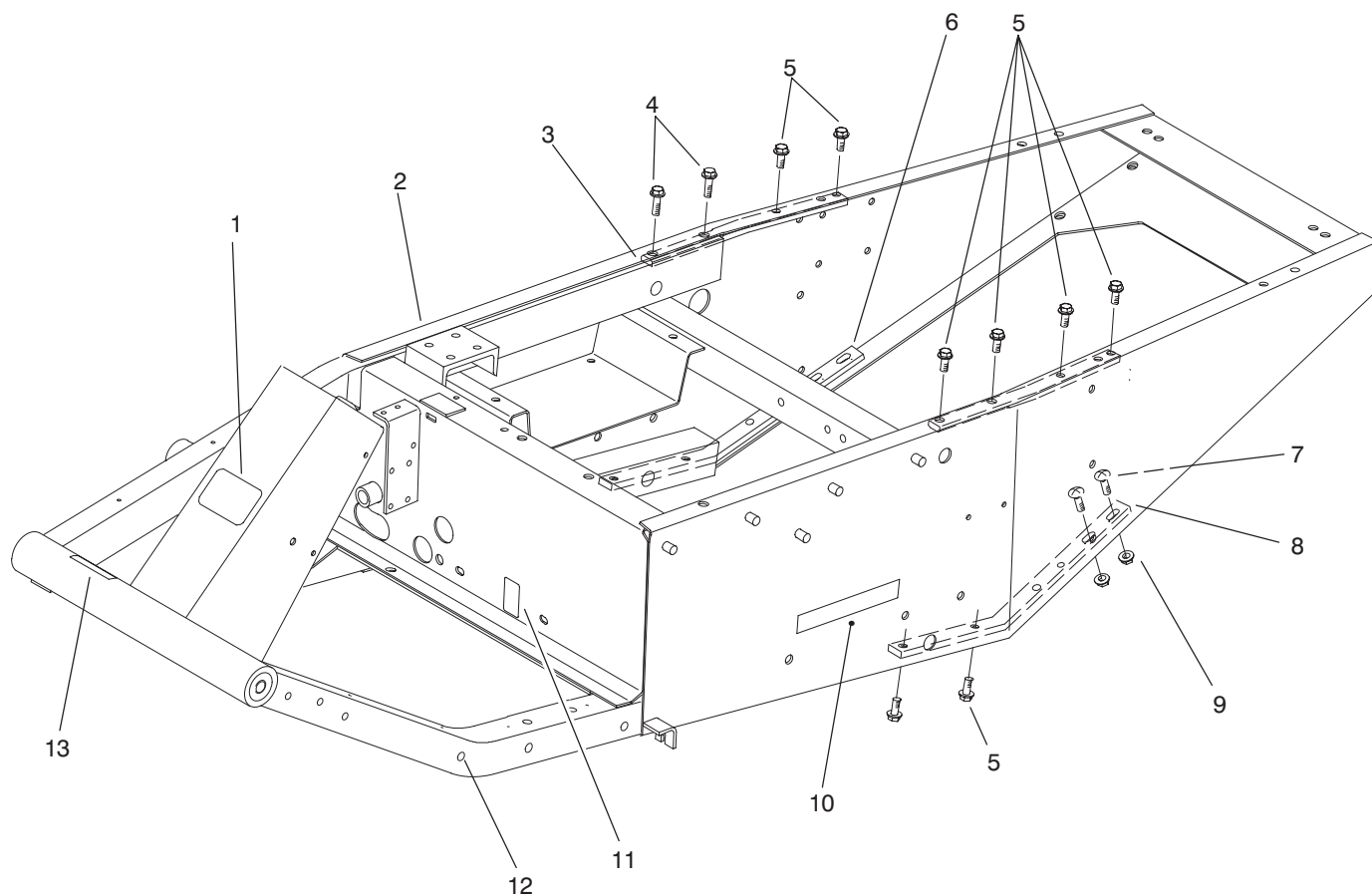
T-0407-2

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.

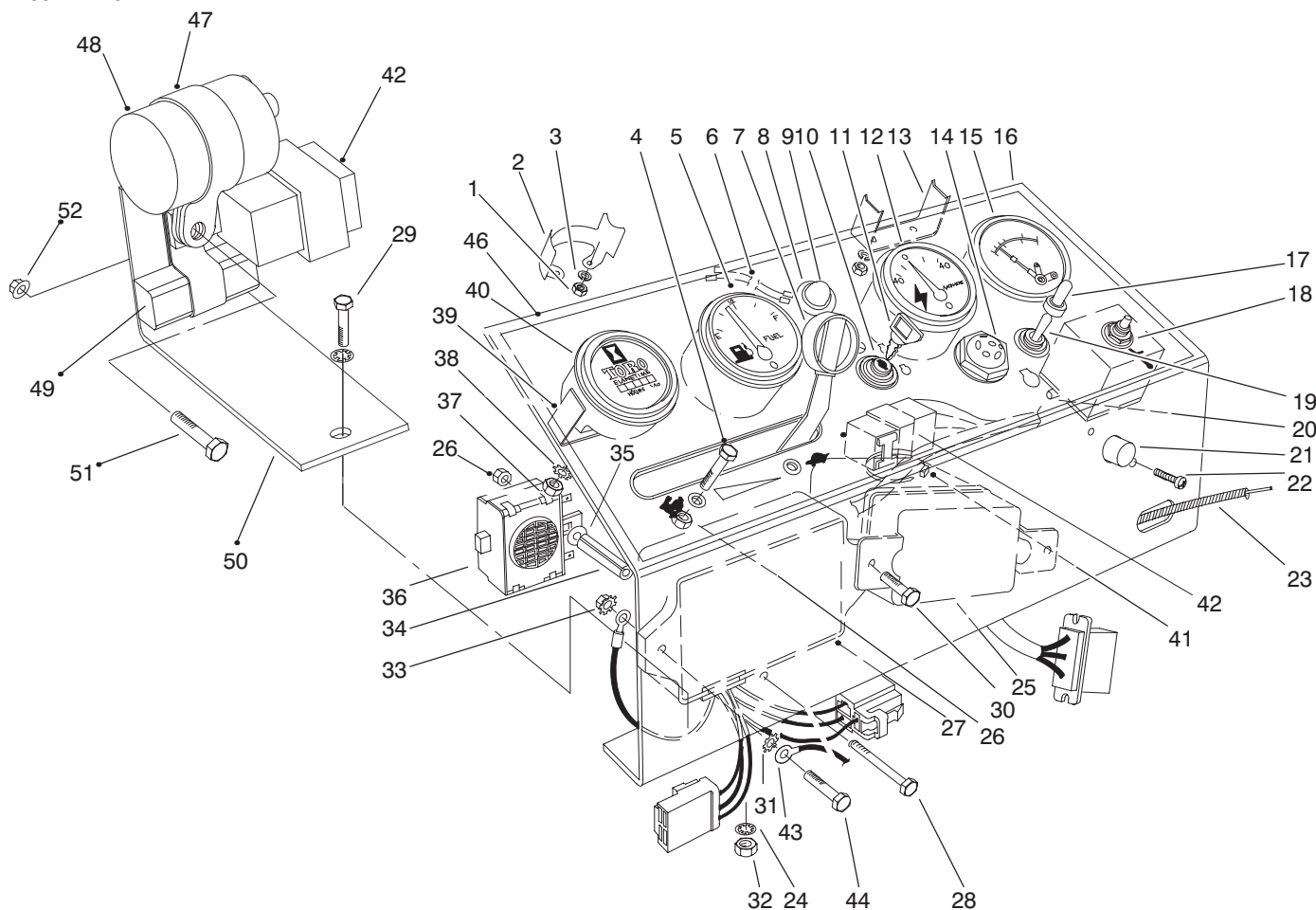


T-2802

Main Frame Assembly (Continued)

Ref. No.	Part No.	Qty.	Description
1	70-2200	1	Decal-Toro
2	98-3879	1	Asm-Frame
		1	(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



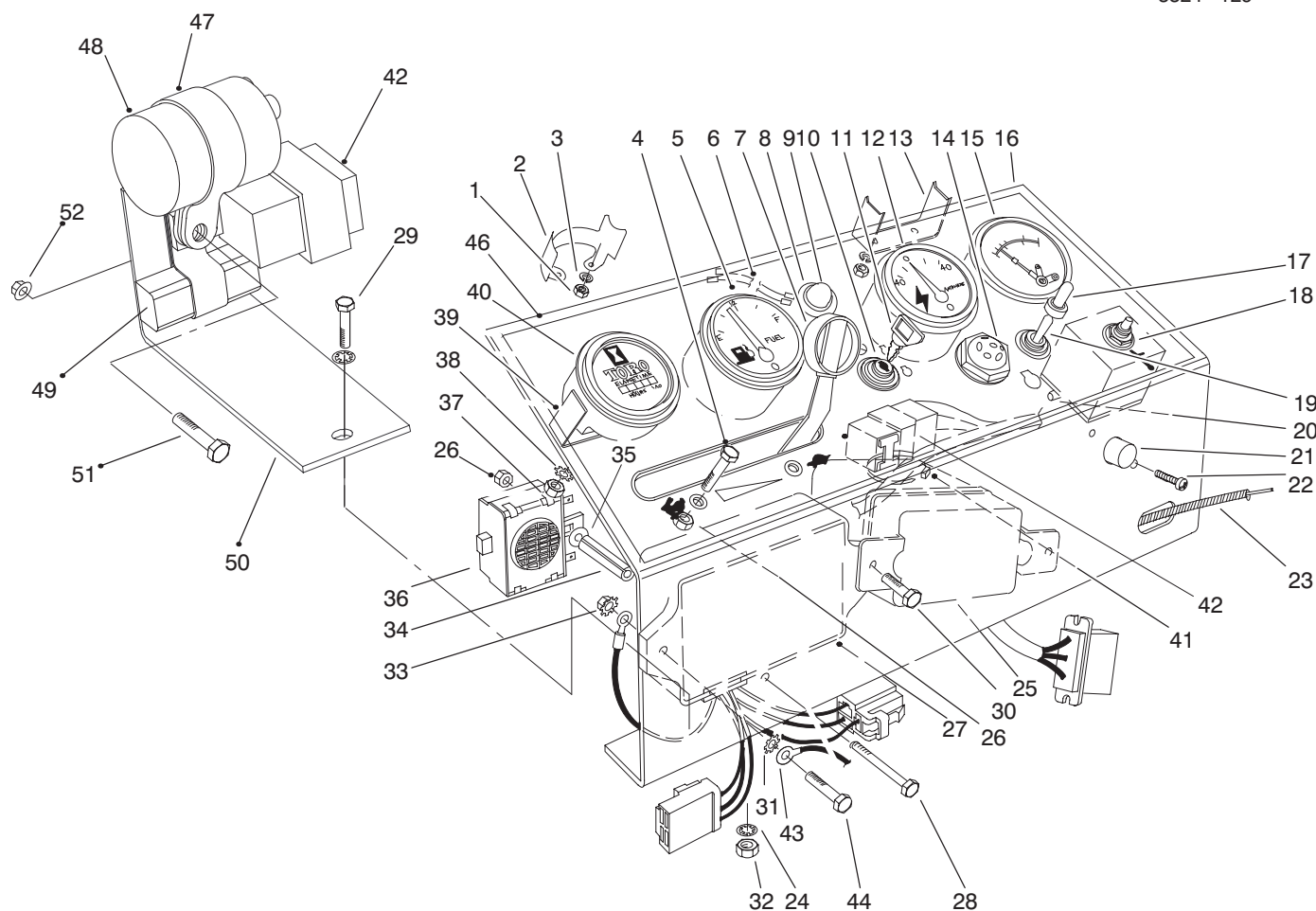
T-0408-5

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 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

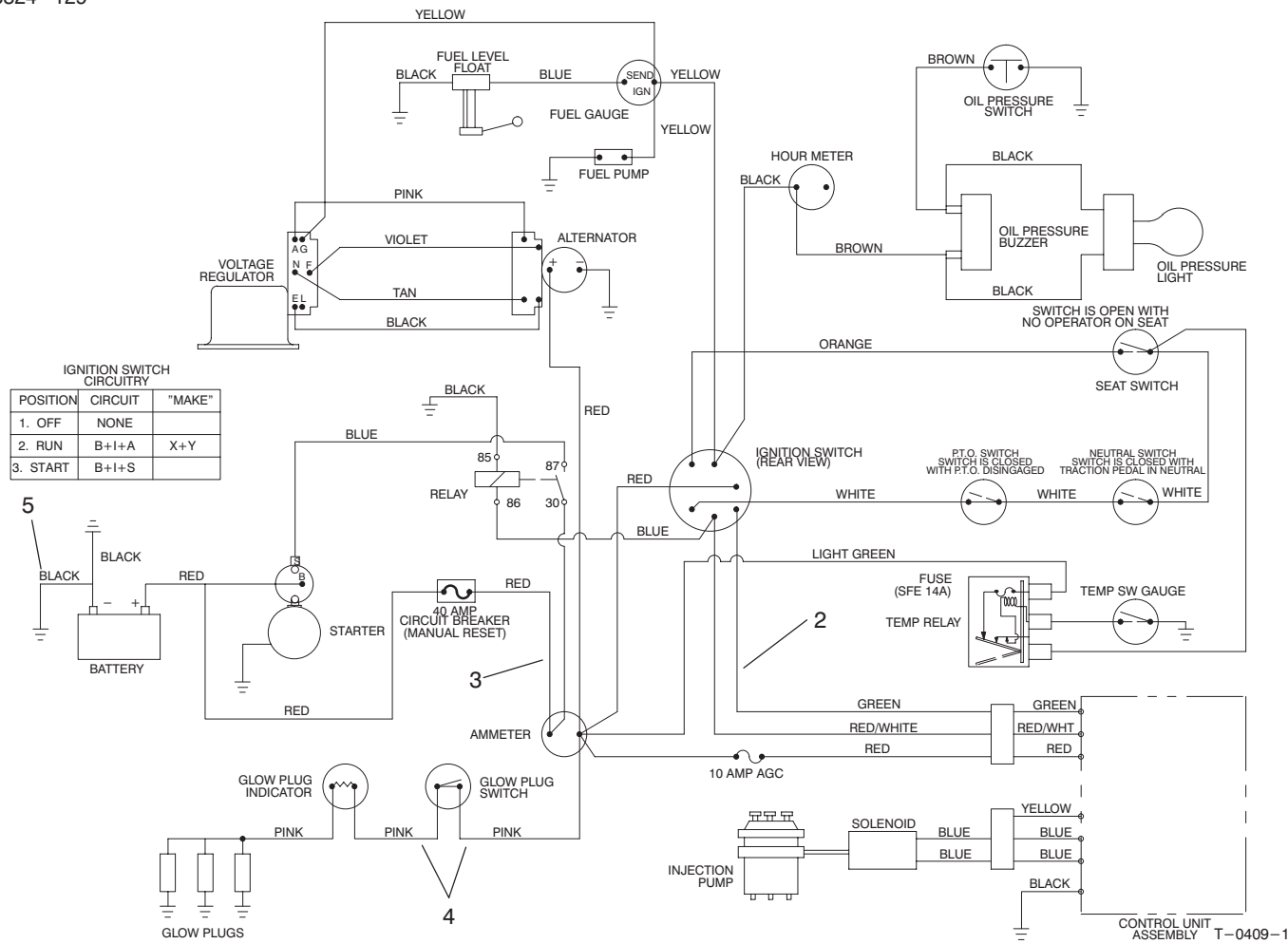


T-0408-5

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

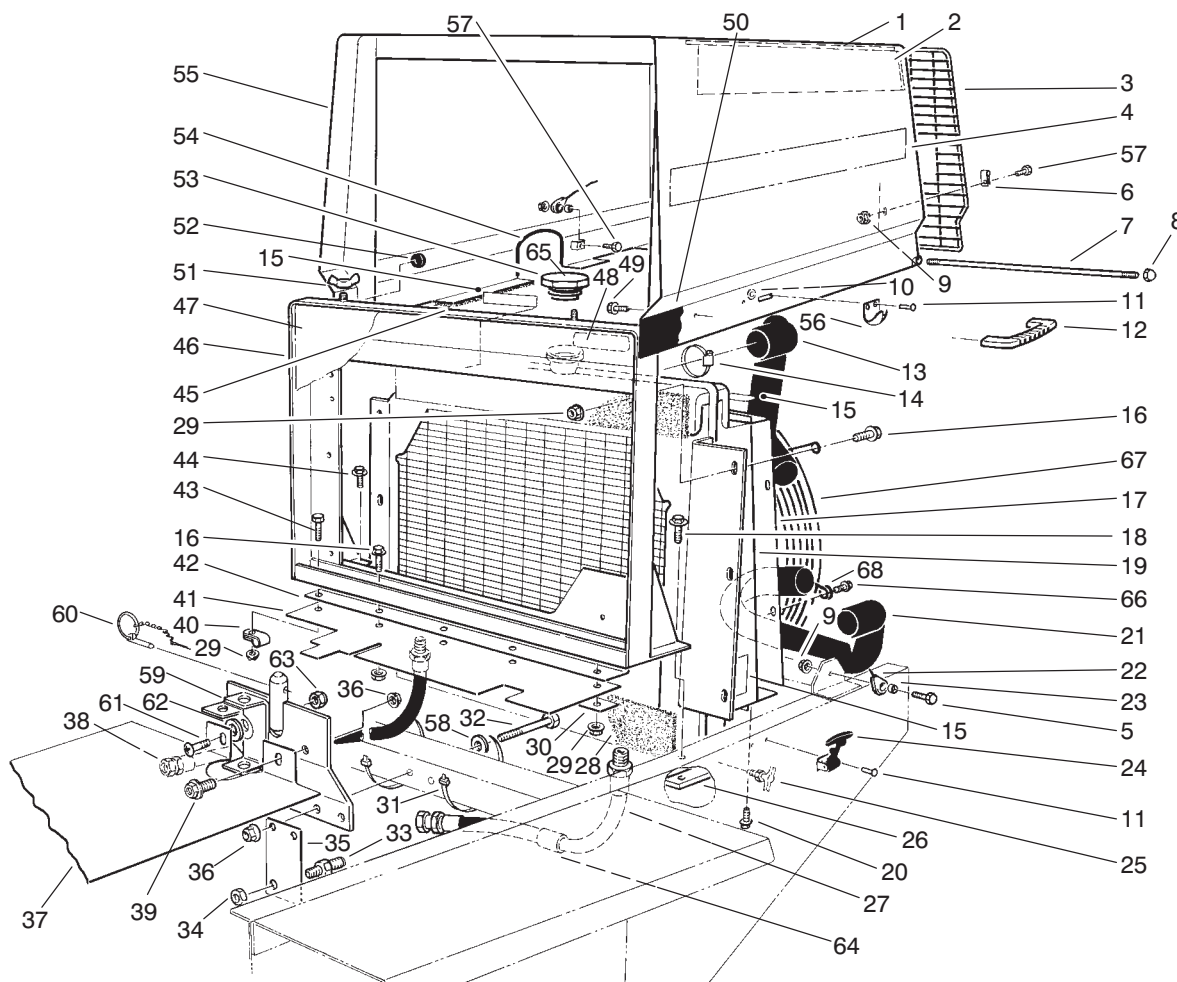
†Obtain Locally



ELECTRICAL SCHEMATIC

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

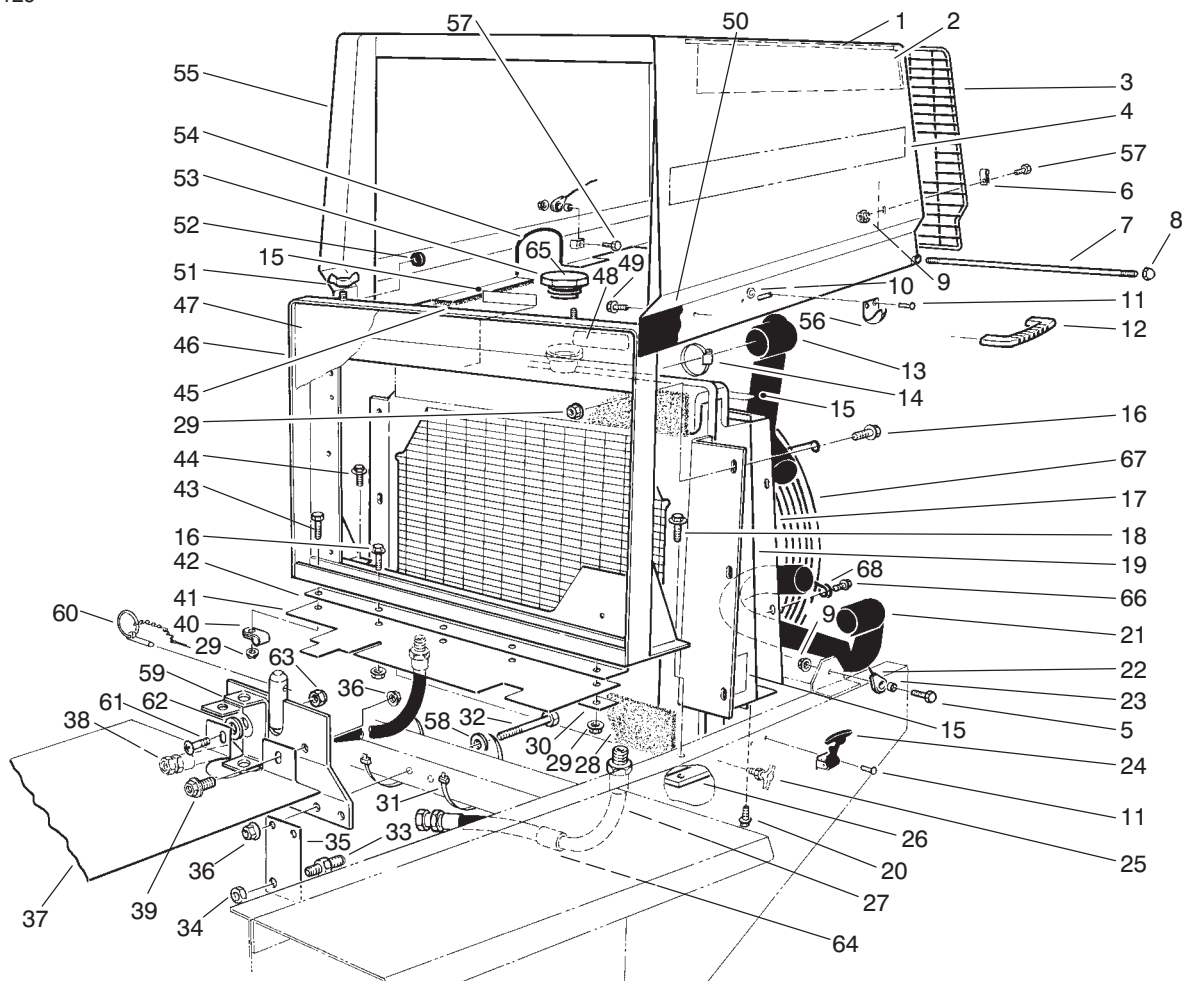
Ref. No.	Part No.	Description	No. Used
4	43-4010	Asm. - Wire	2
5	70-1190	Ground Cable	1



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

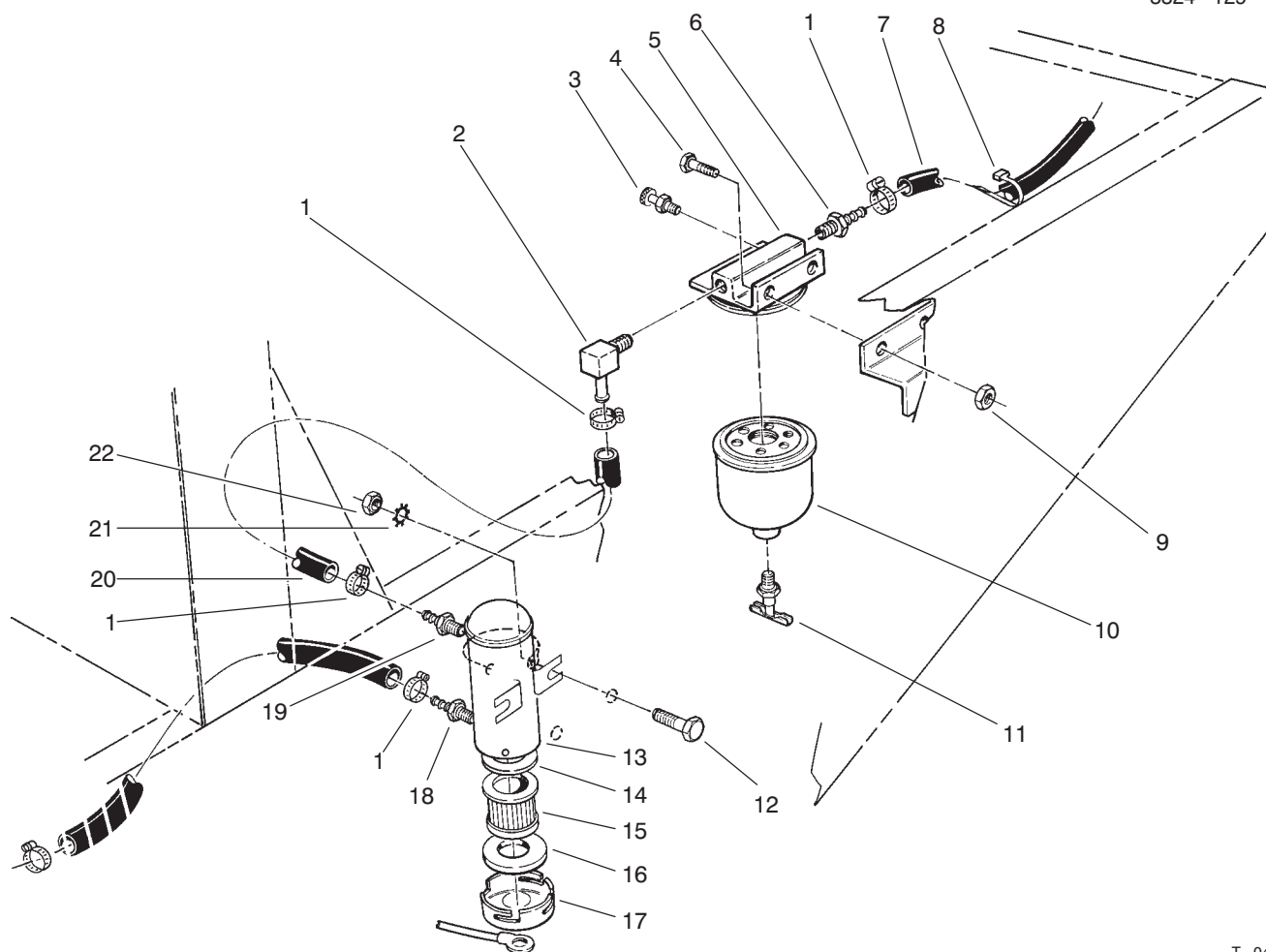


T-1185-1

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

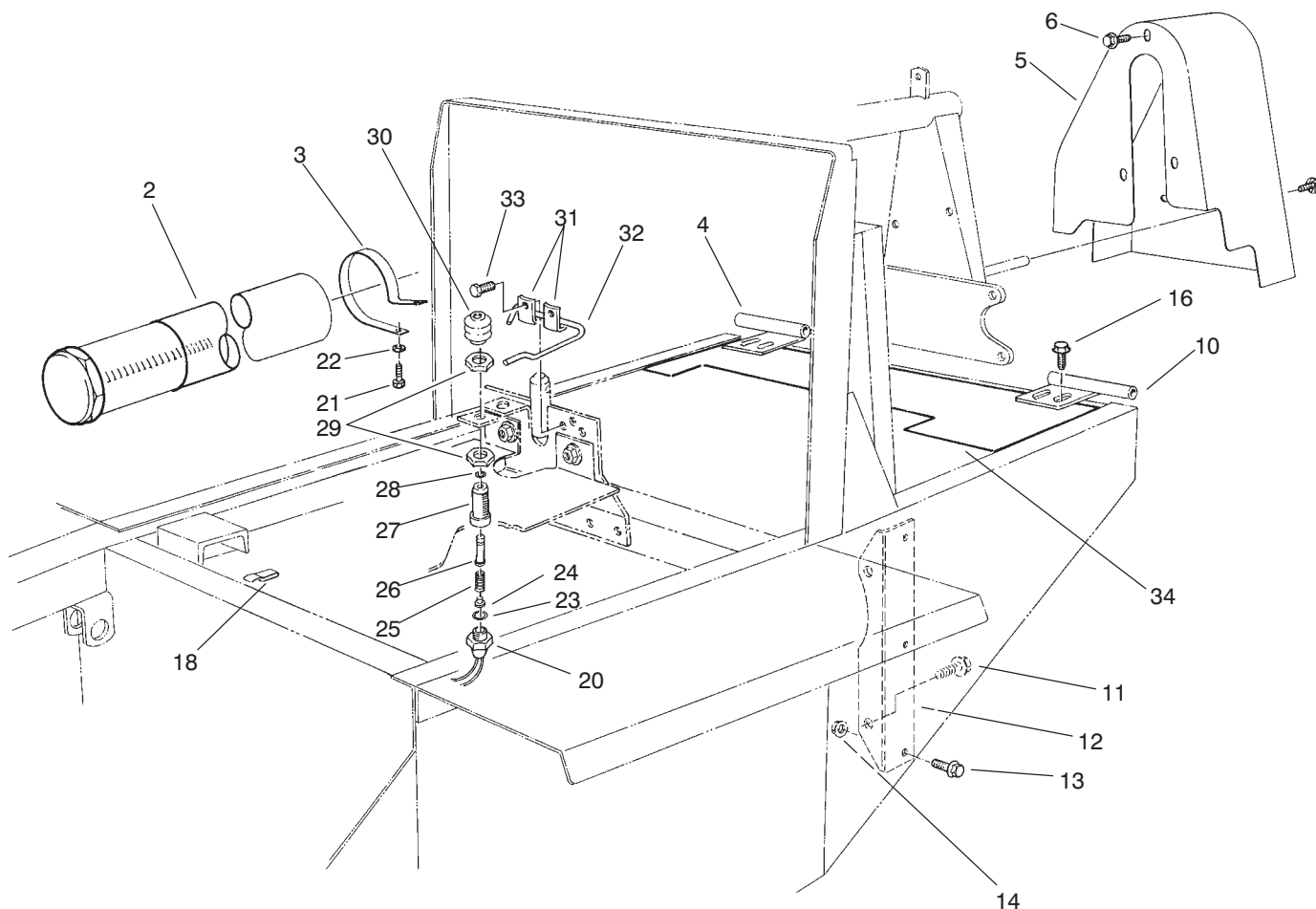


T-0411-1

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



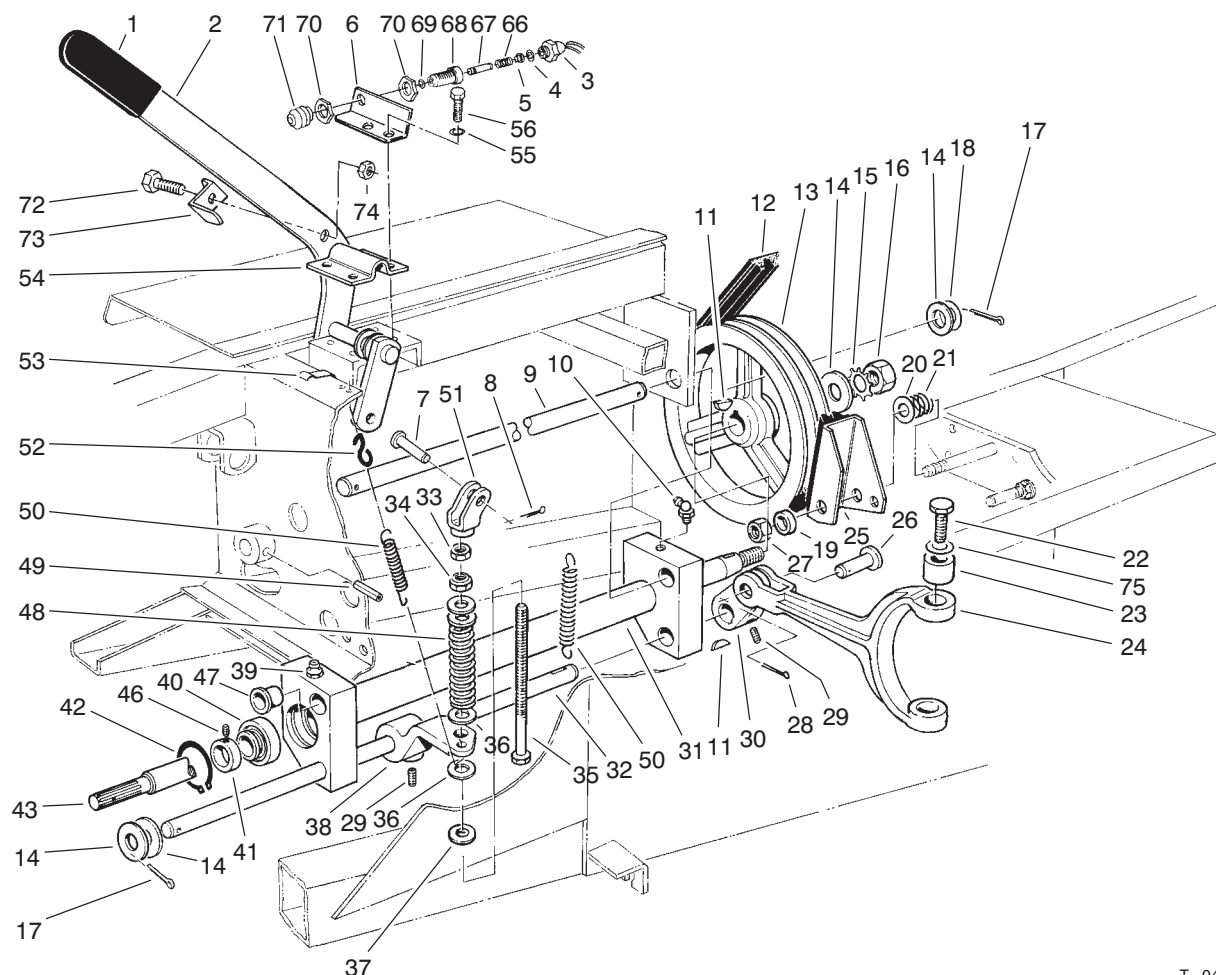
T-1186-1

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

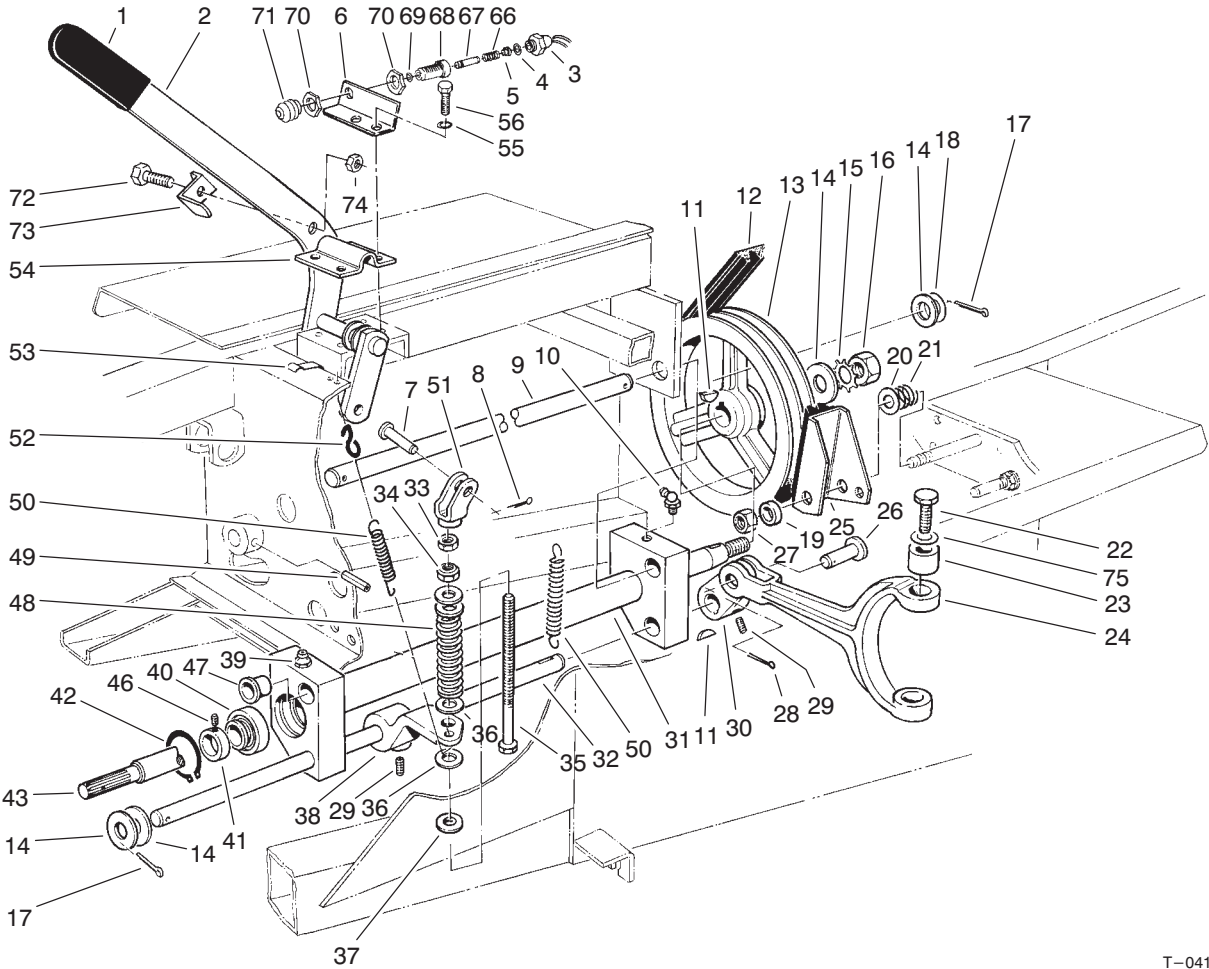
*Not Illustrated



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

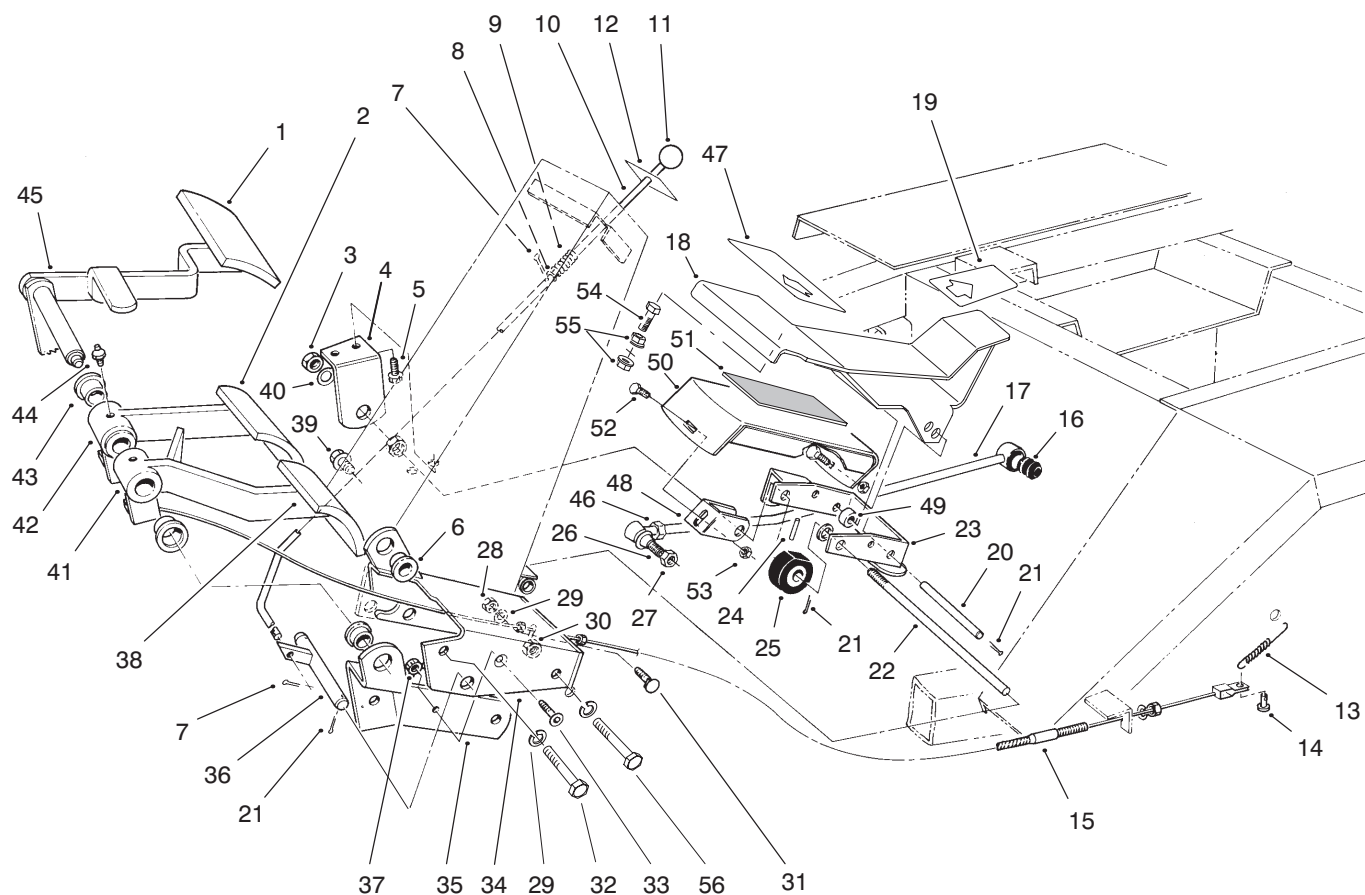


T-0413-2

POWER TAKE OFF (PTO) ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
53	212-93	Clip - Wire	1	71	43-8870	Boot - Switch	1
54	21-1600	Clamp - Lever, PTO	1	72	321-4	Screw - HH	1
55	3253-21	Washer - Lock	4	73	86-7050	Bracket - Switch Actuator	1
56	32104-6	Screw - Tap	4	74	3296-16	Nut - Lock	1
66	43-8600	Spring - Compression	1	75	79-9890	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)	
69	237-7	O-Ring	1				
70	218-461	Nut - Jam	2				

*Not Illustrated

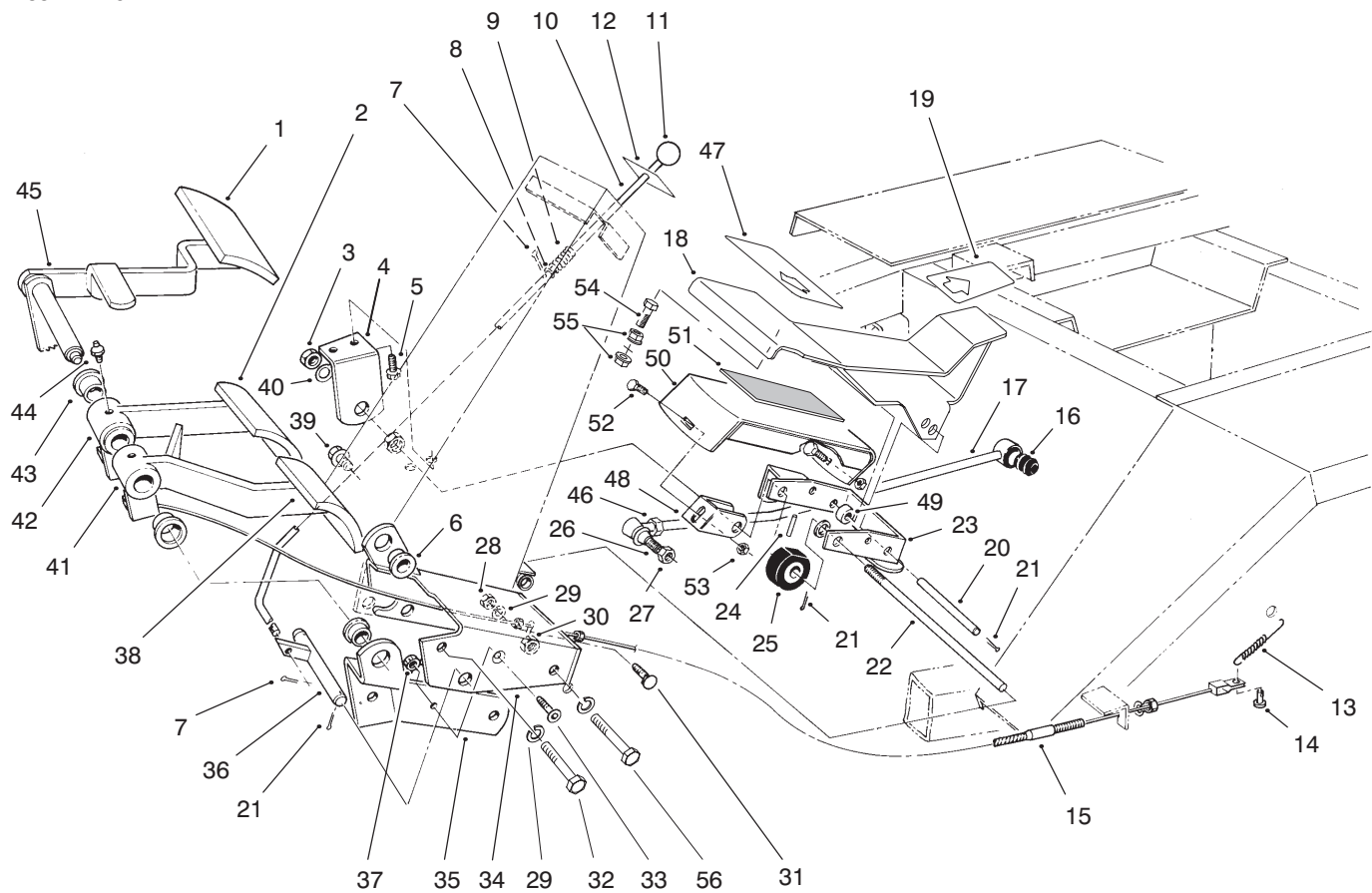


T-0415-4

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				

*Not Illustrated

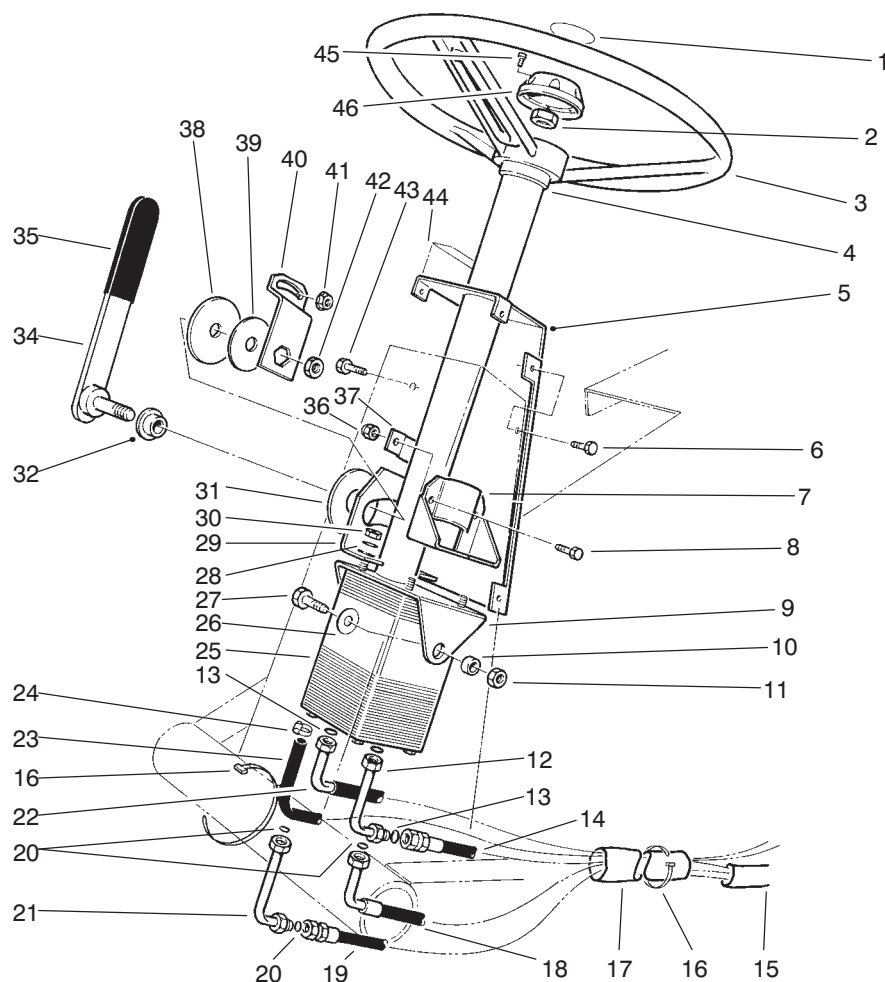


T-0415-4

BRAKE PEDAL ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
50	88-1710	Footrest	1
51	88-1720	Pad - Footrest	1
52	3230-1	Bolt - Carriage	2
53	32128-25	Nut - Flange	2

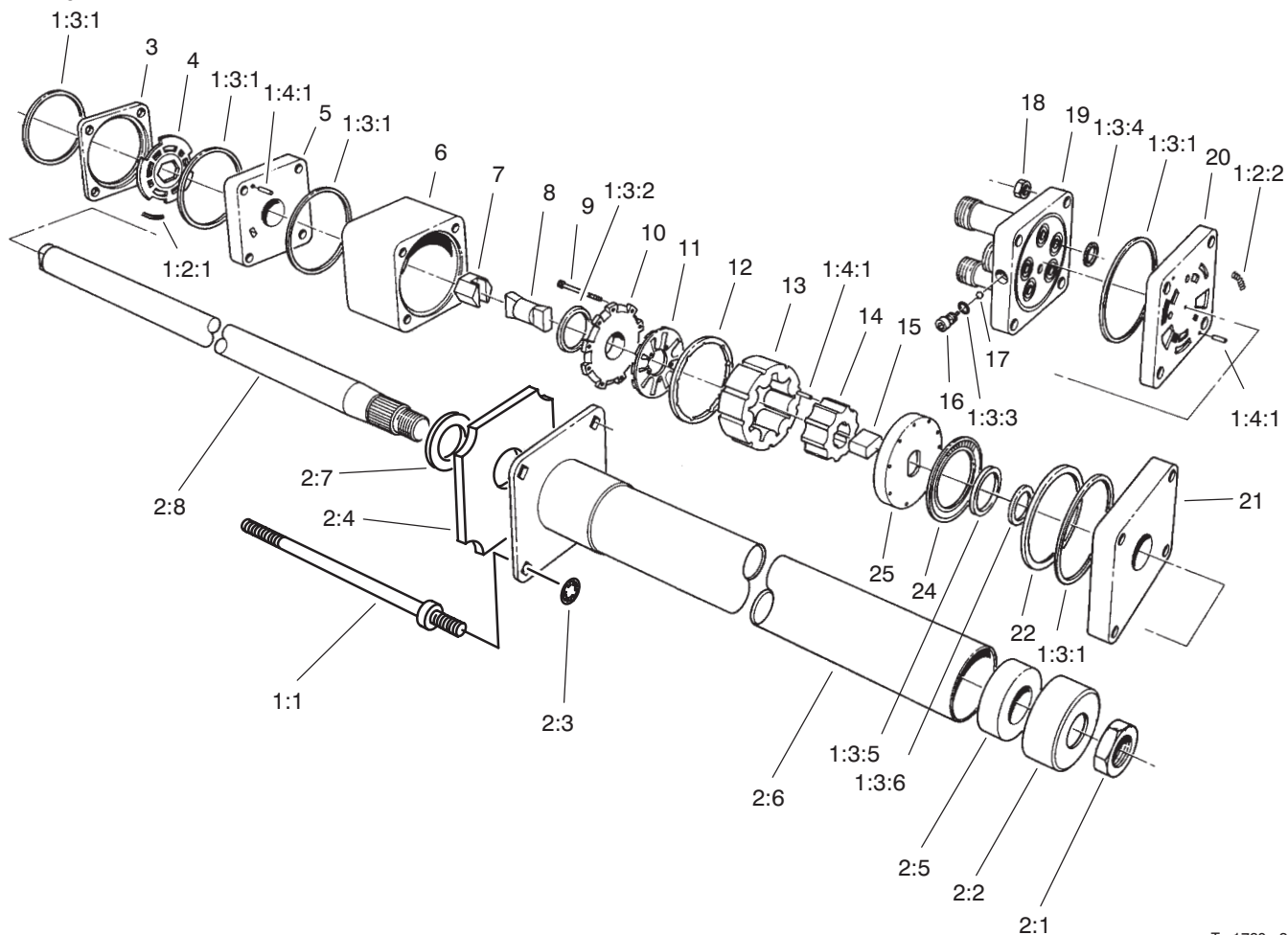
Ref. No.	Part No.	Description	No. Used
54	323-42	Screw - Cap Hex. Hd.	1
55	32128-43	Nut - Flange Lock	2
56	323-14	Screw - HH	1



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

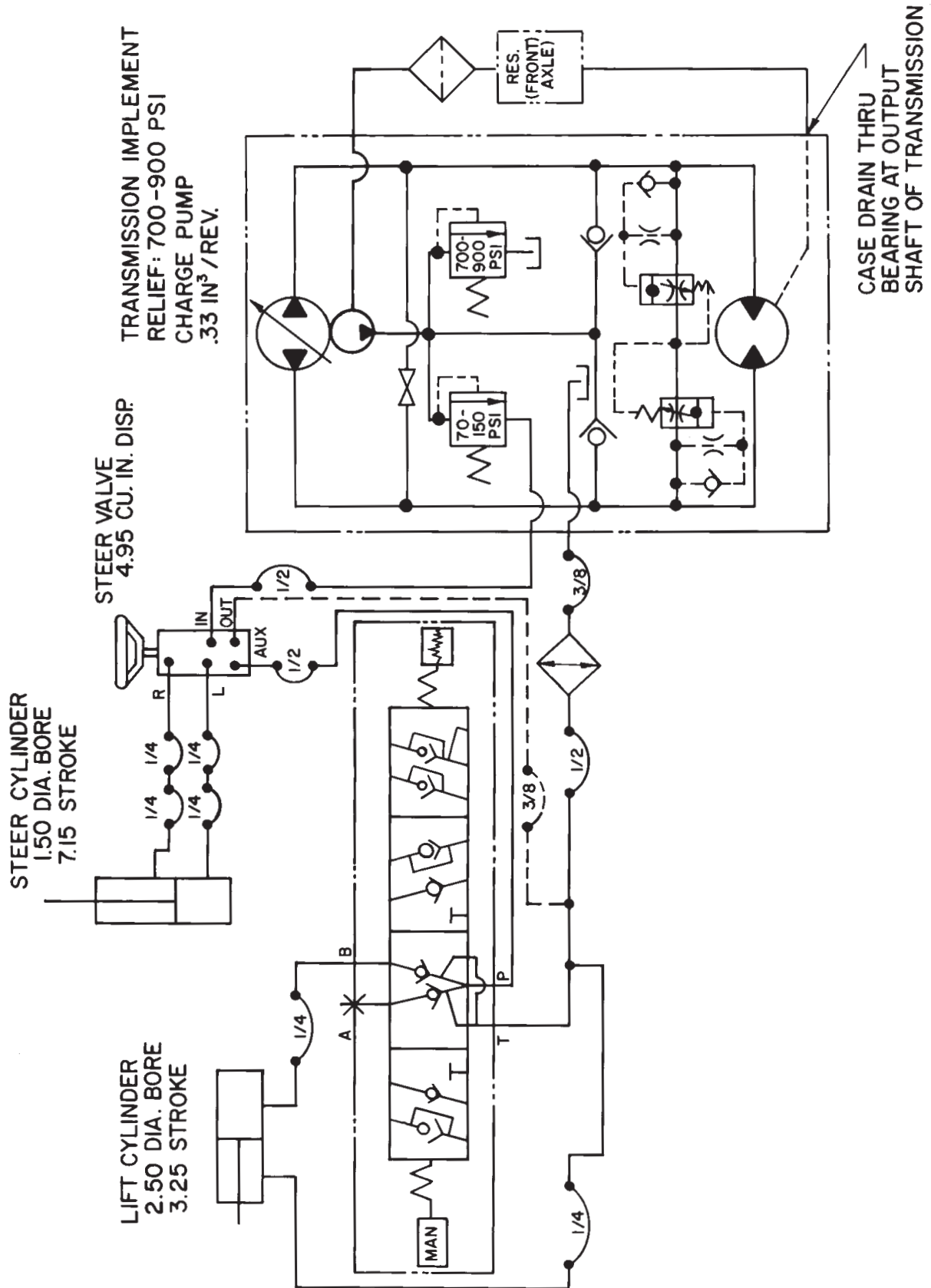
POWER STEERING VALVE ASSEMBLY NO. 92-7308

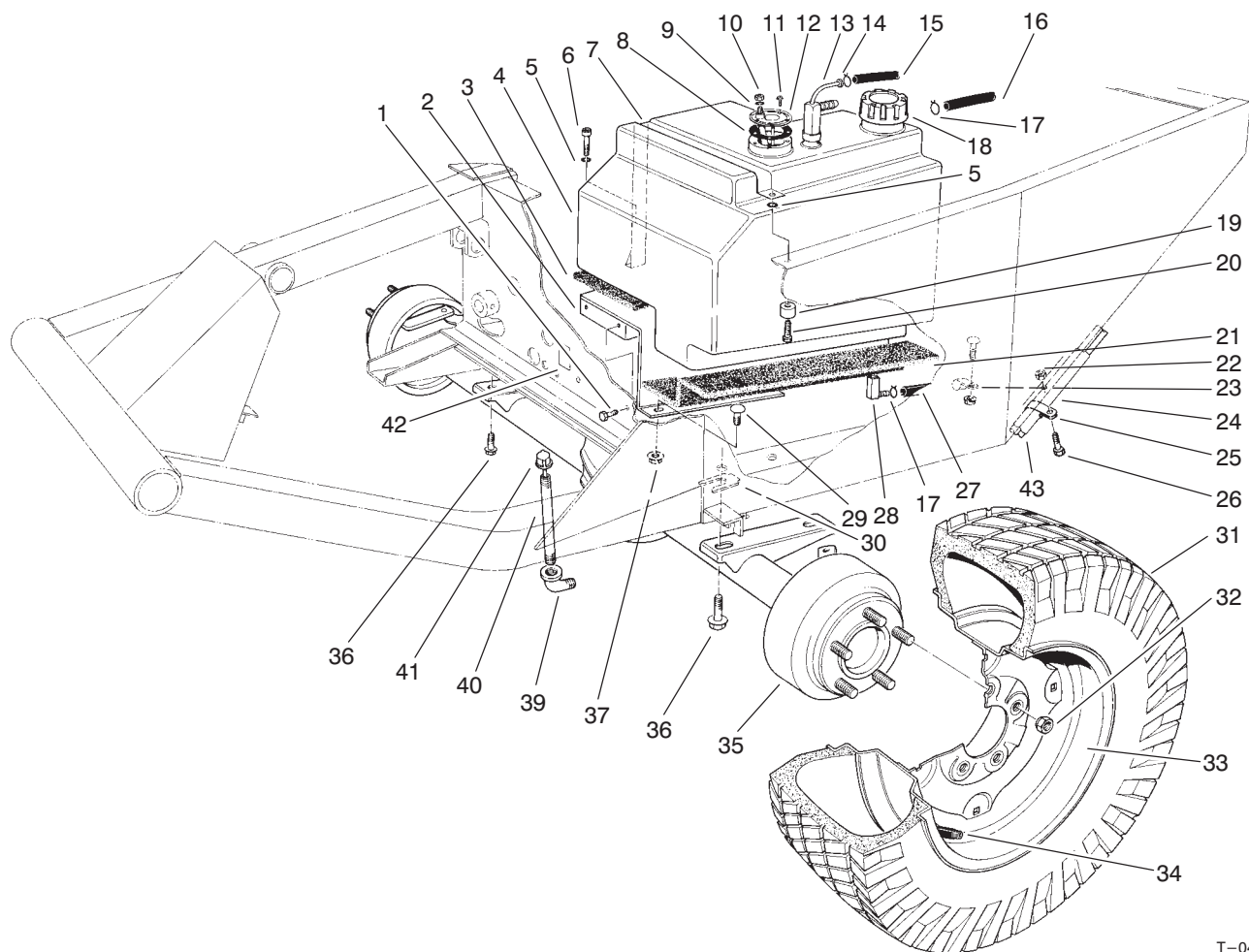
Ref. No.	Part No.	Description	No. Used
1:1	92-7310	Bolt - Special	4
1:2	66-9970	Spring Kit	1
1:2:1		Spring	3
1:2:2		Spring	3
1:3	66-9980	Seal Kit	1
1:3:1		Ring - Seal	5
1:3:2		Seal - Commutator	1
1:3:3		O-Ring	1
1:3:4		O-Ring	5
1:3:5		Seal - Face	1
1:3:6		Spacer-Seal	1
1:4	66-9990	Needle Roller Kit	1
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





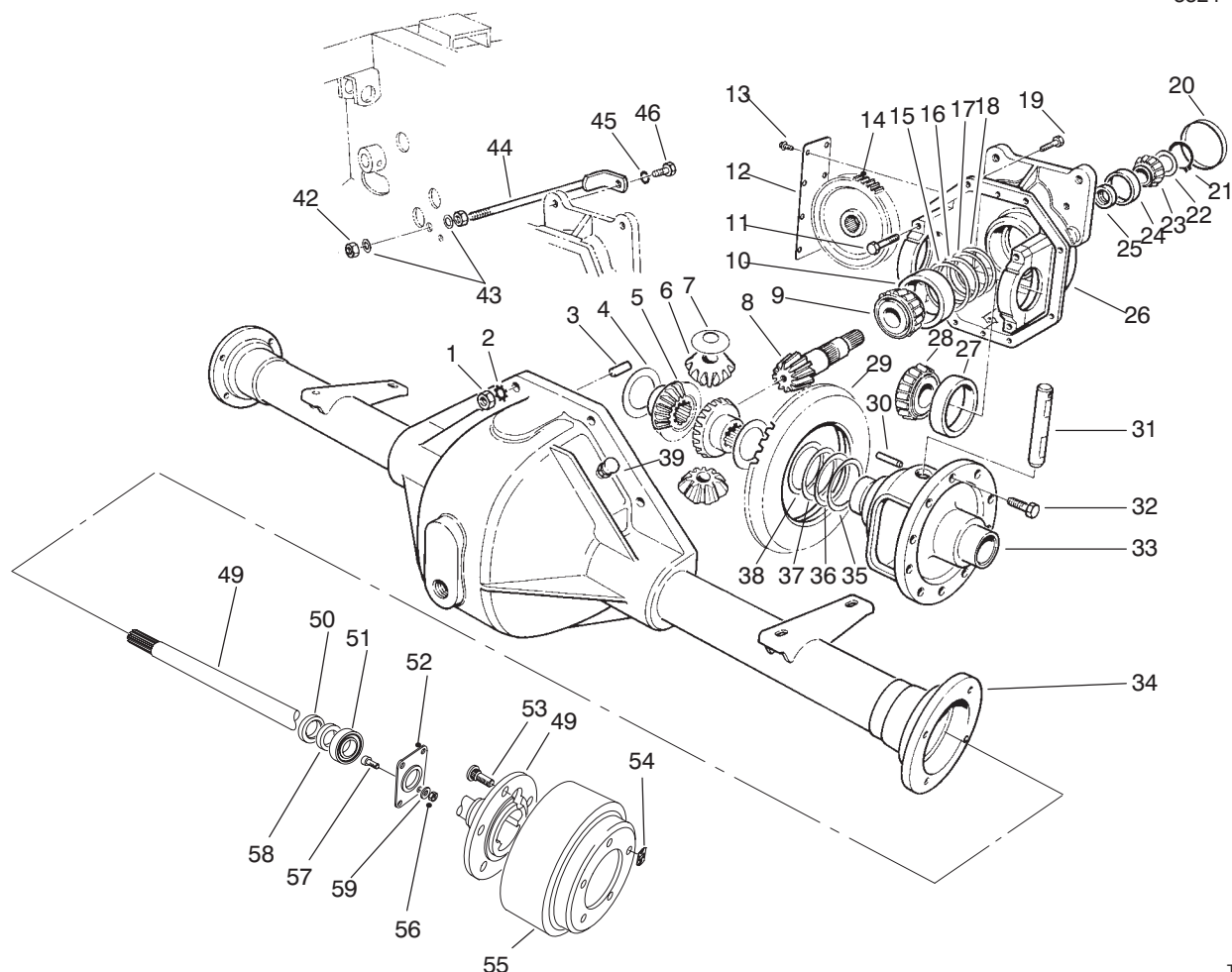
T-0419-1

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

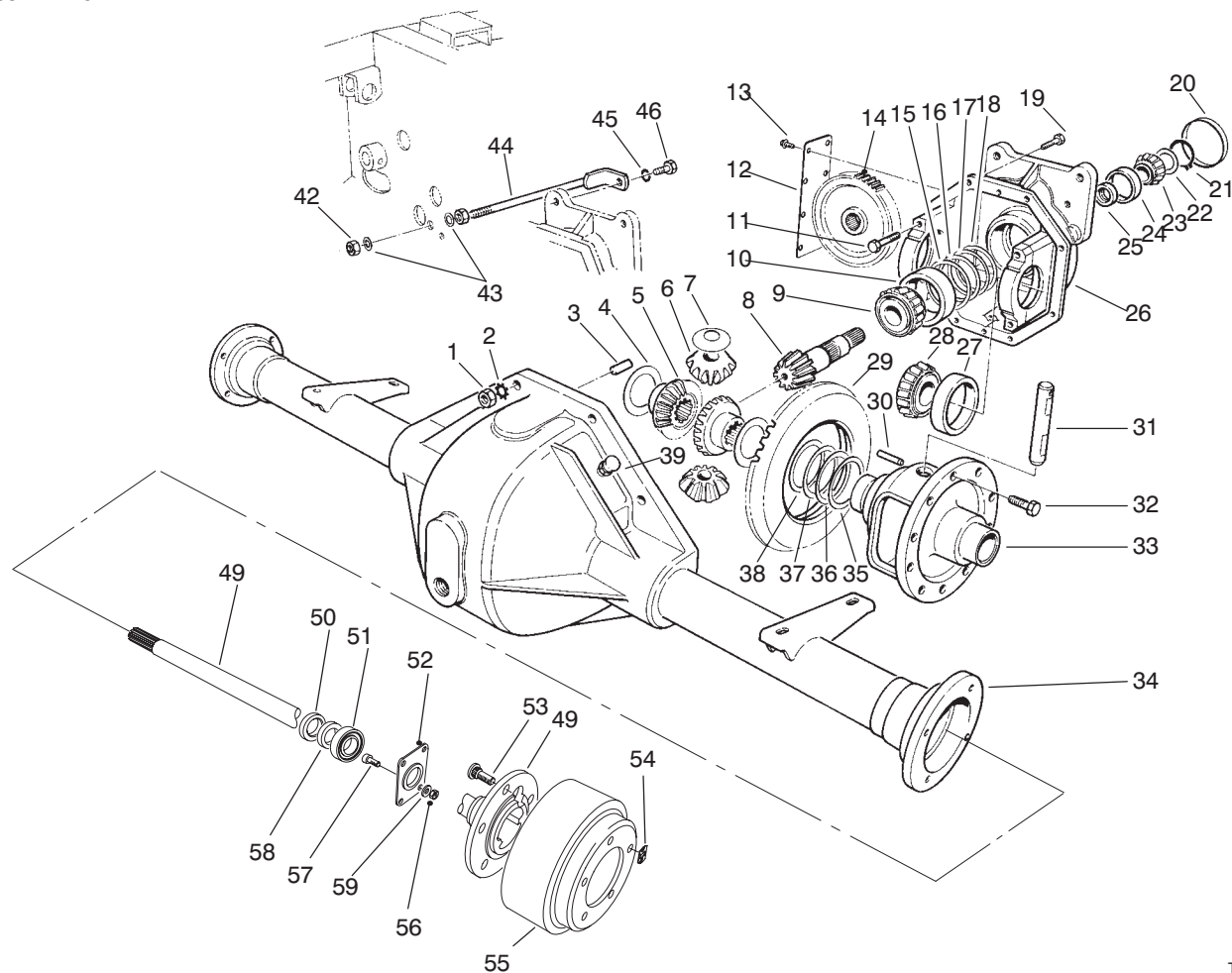


T-0919-2

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



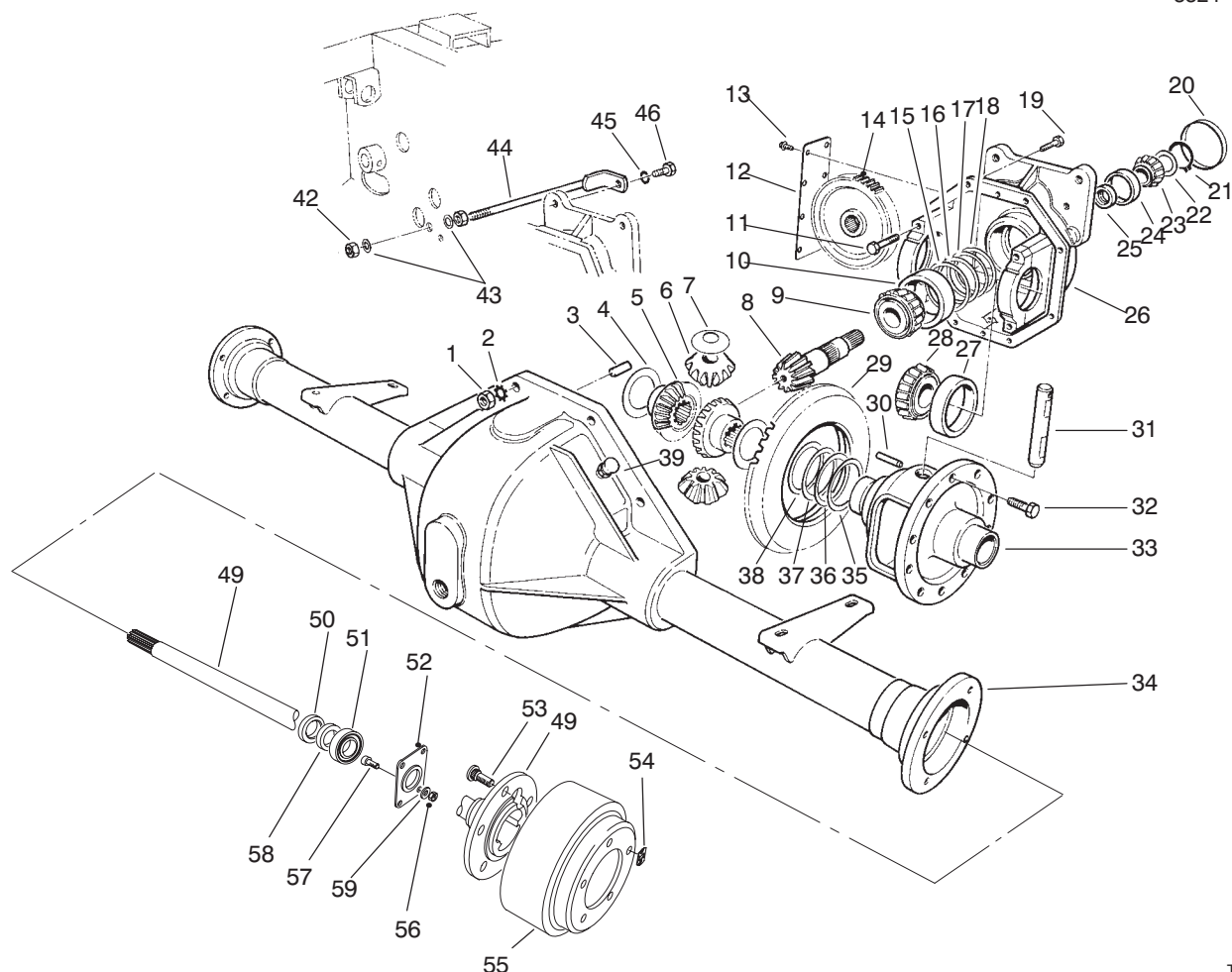
T-0919-2

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

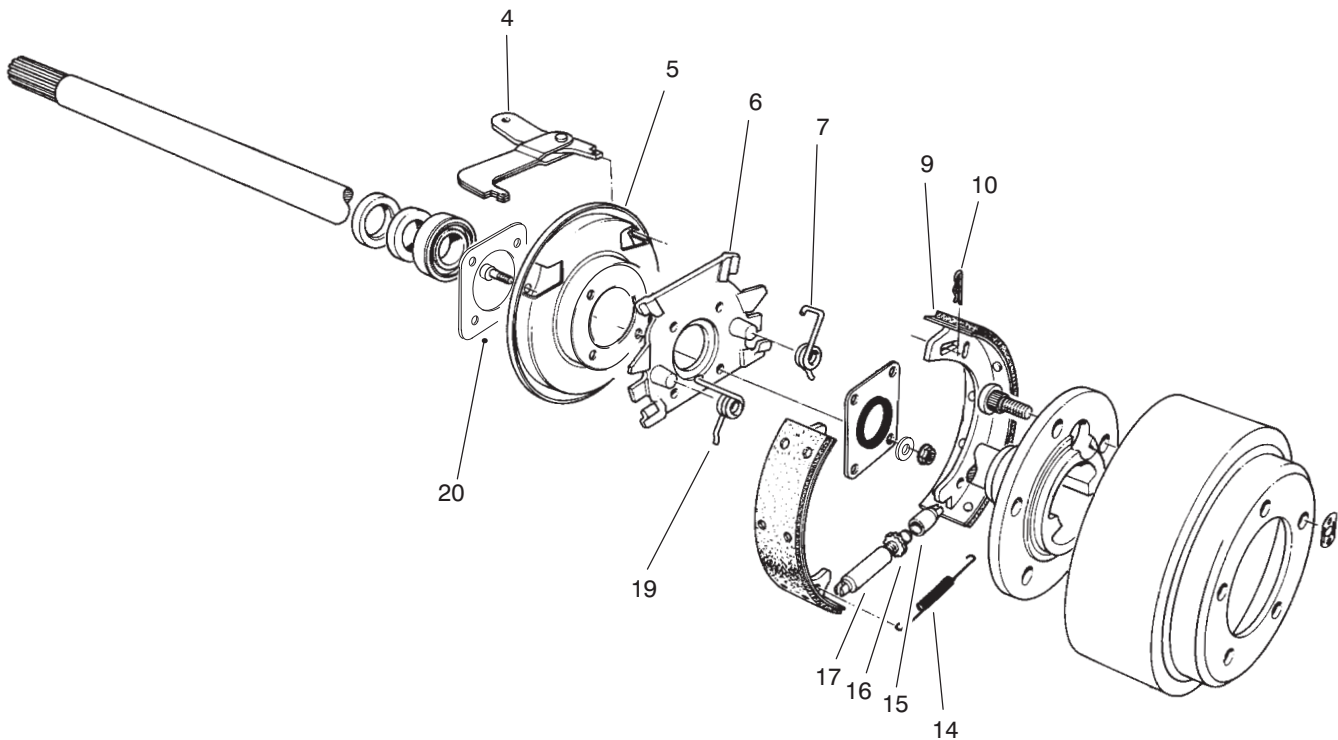


T-0919-2

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



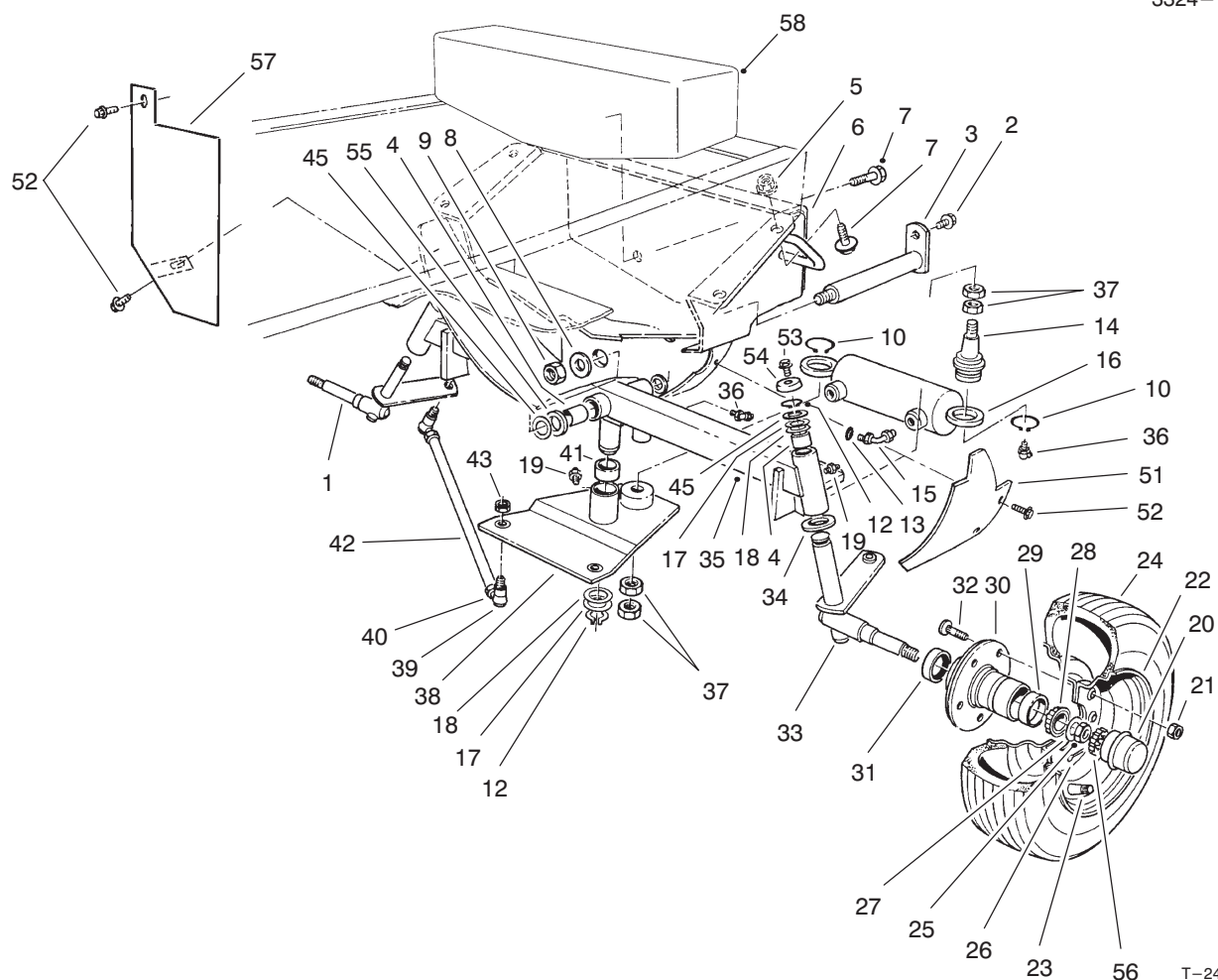
T-0421-3

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

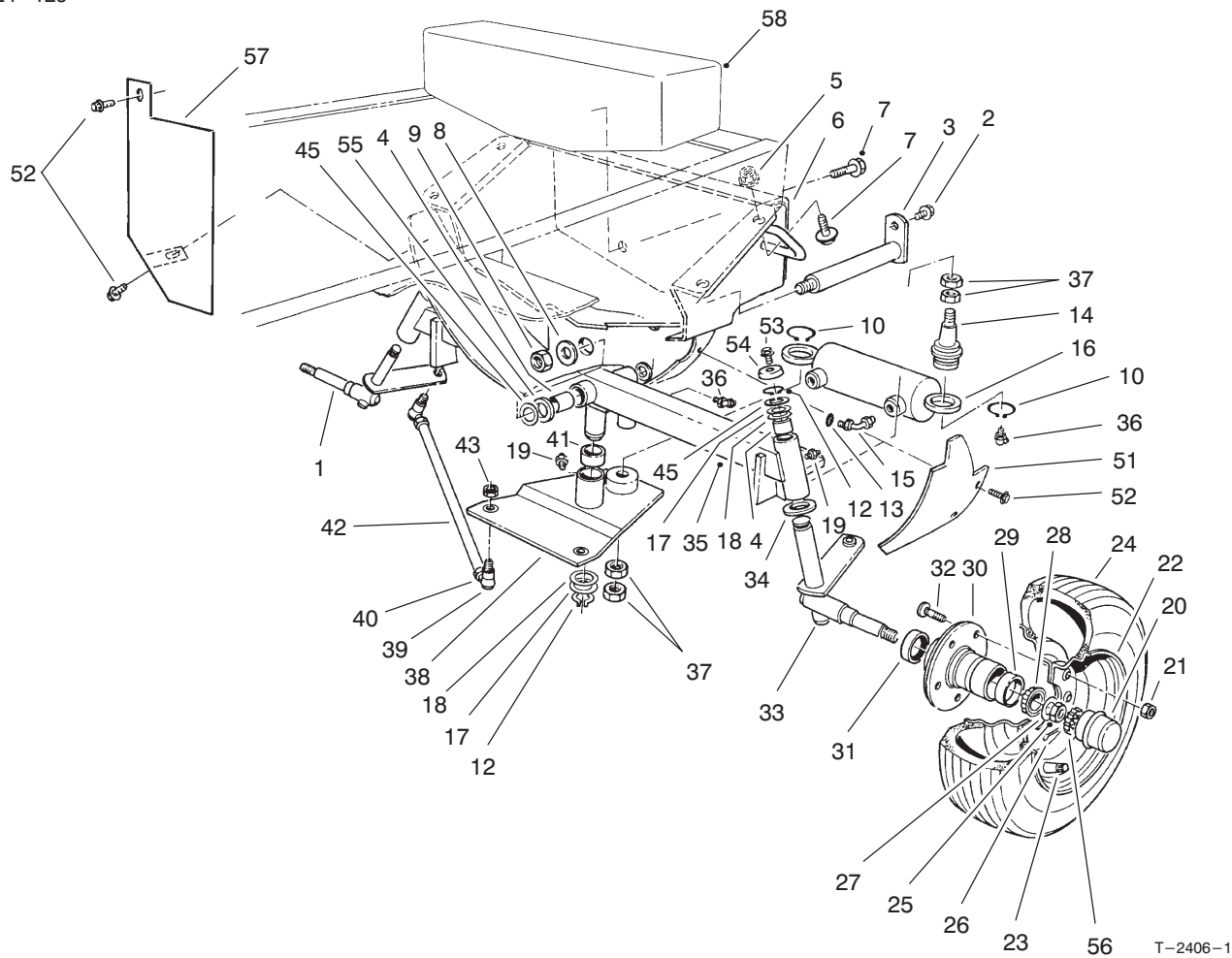


T-2406-1

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				

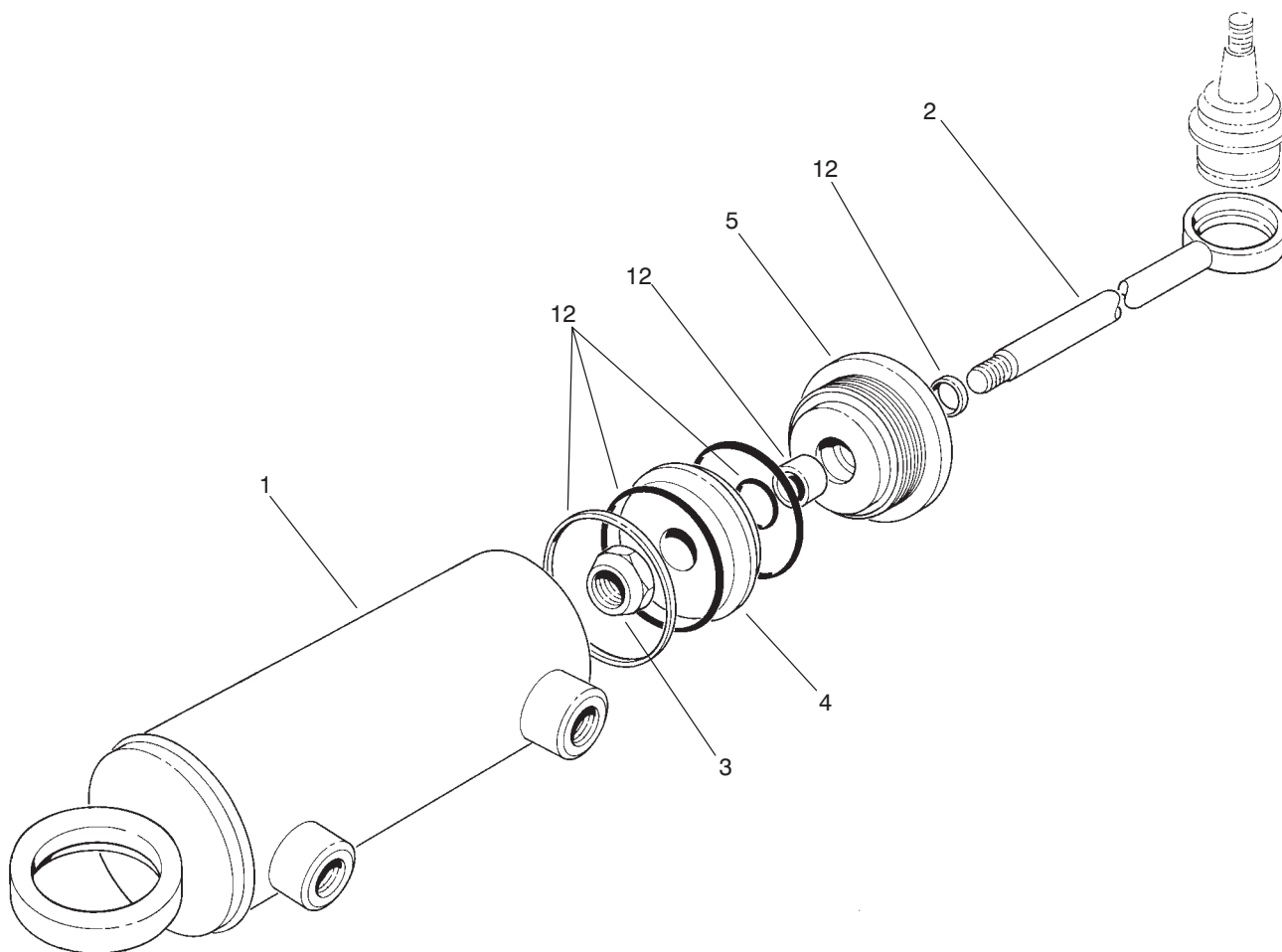
*Not Illustrated



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

*Not Illustrated

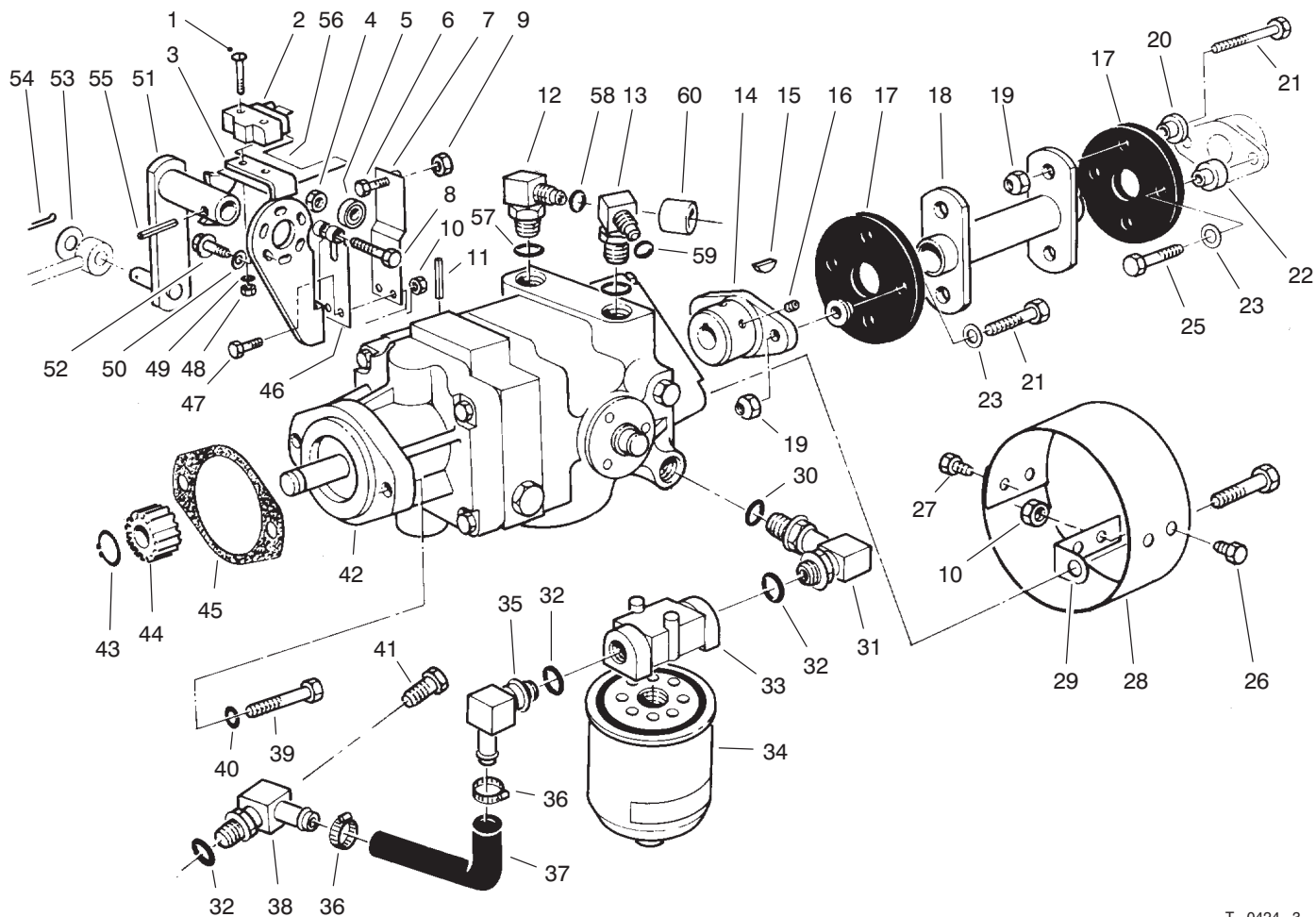


T-1761-2

HYDRAULIC CYLINDER NO. 92-7828

Ref. No.	Part No.	Description	No. Used
1		Asm. - Tube	1
3	66-1930	Nut-Lock	1
4		Piston Rod ASM	1
4	66-1940	Piston	1

Ref. No.	Part No.	Description	No. Used
5	92-6588	Gland	1
12	92-6593	Seal Kit	1

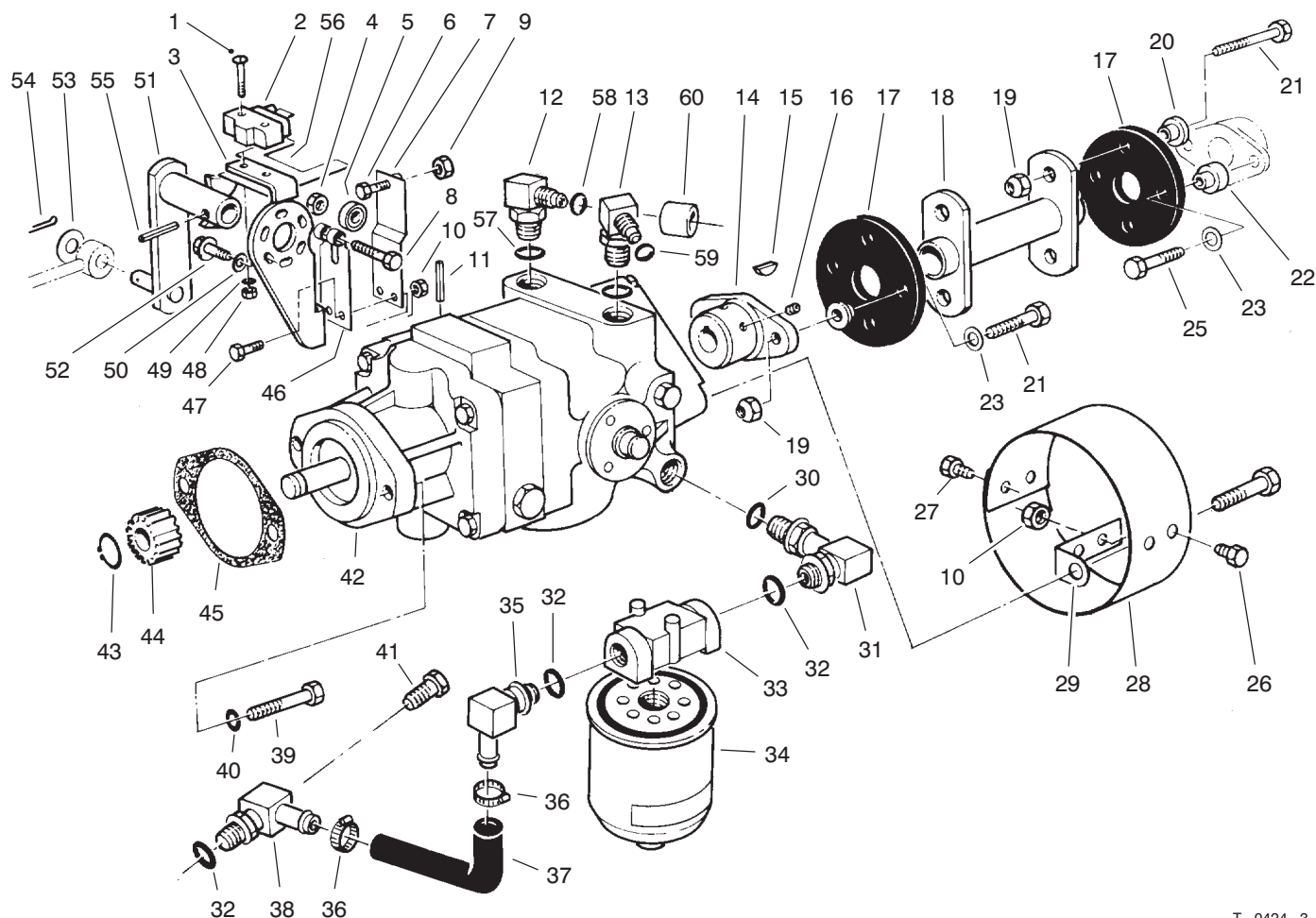


T-0424-3

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

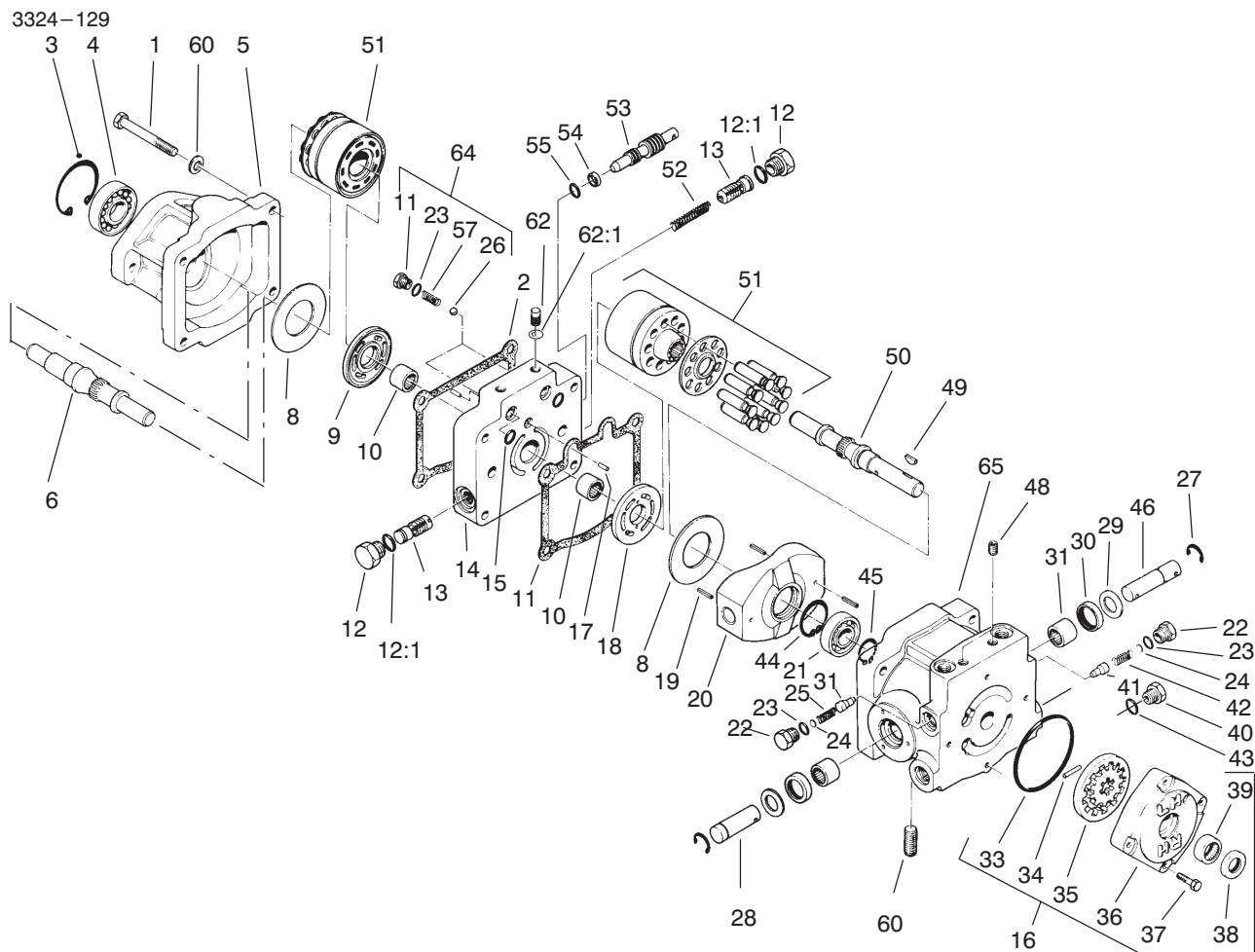


T-0424-3

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

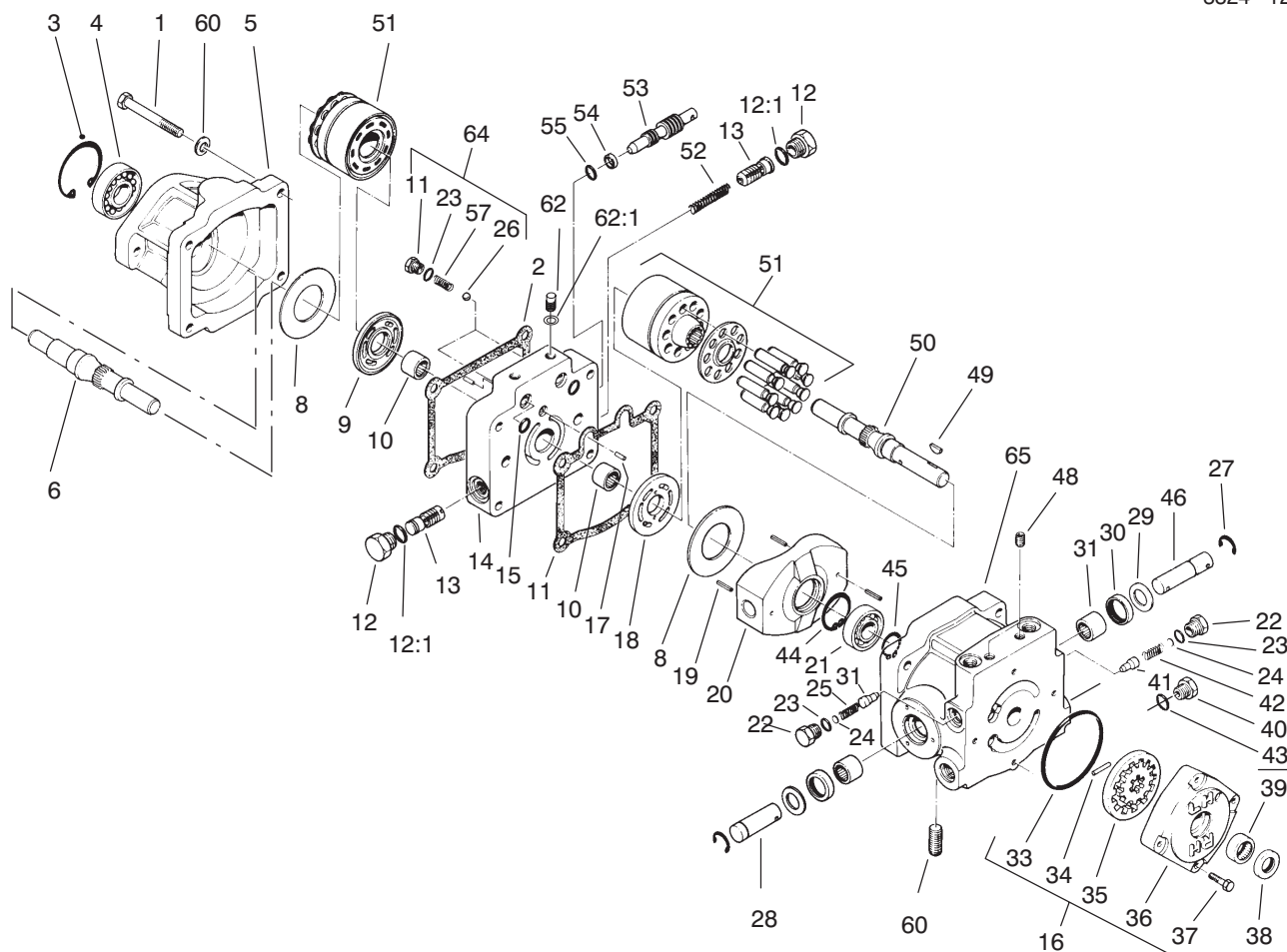


T-0425-2

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

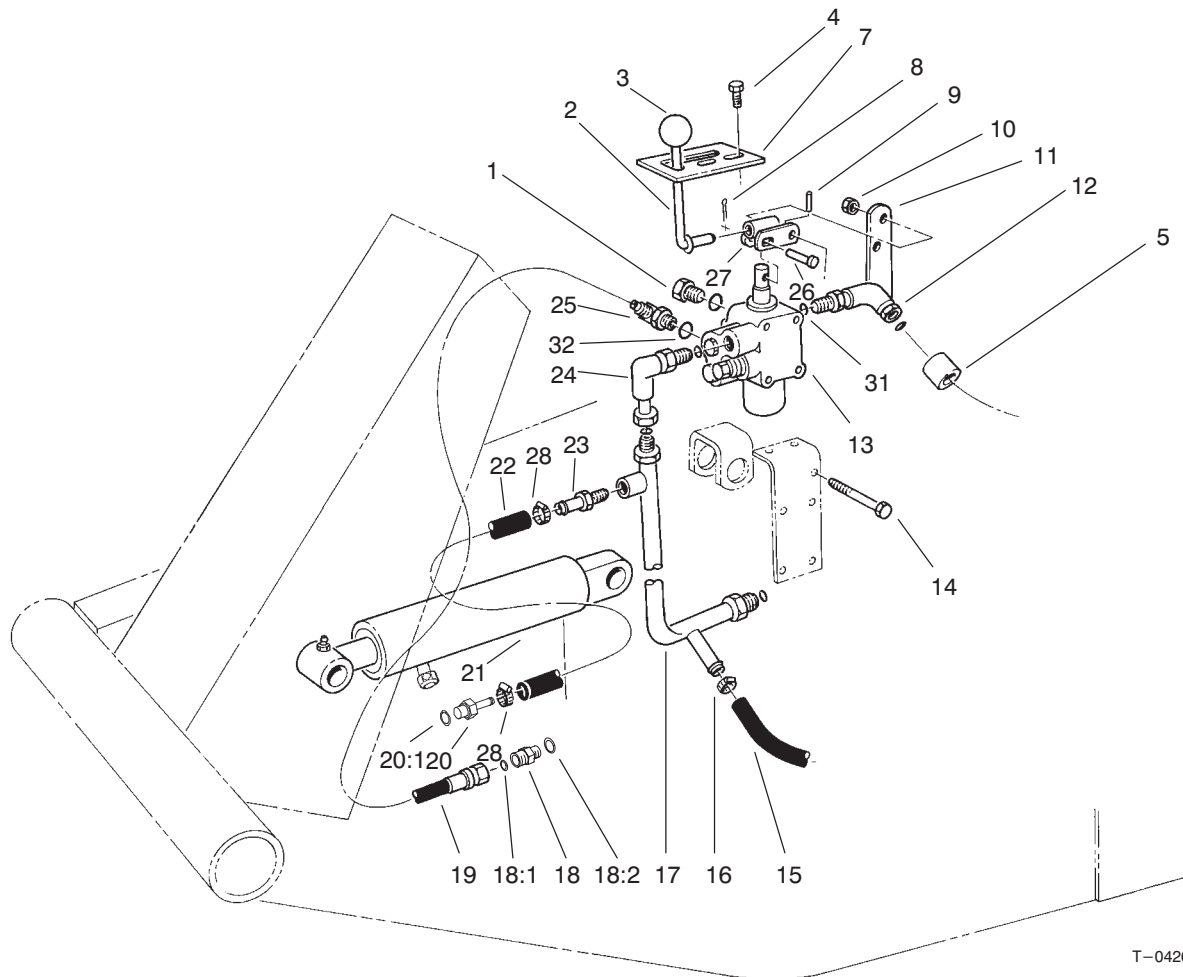
Ref. No.	Part No.	Description	No. Used
25	25-2480	Valve Spring	1
26	25-2490	Ball	2
27	32151-46	Ring - Retaining	2
28	25-2500	Shaft - Trunnion	1
29	25-2510	Washer - Flat	2
30	25-3210	Seal - Lip	2
31	252-82	Bearing - Needle	2
33	237-95	O-Ring	1
34	25-2530	Headless Straight Pin	1
35	25-2540	Asm. - Gerotor	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				

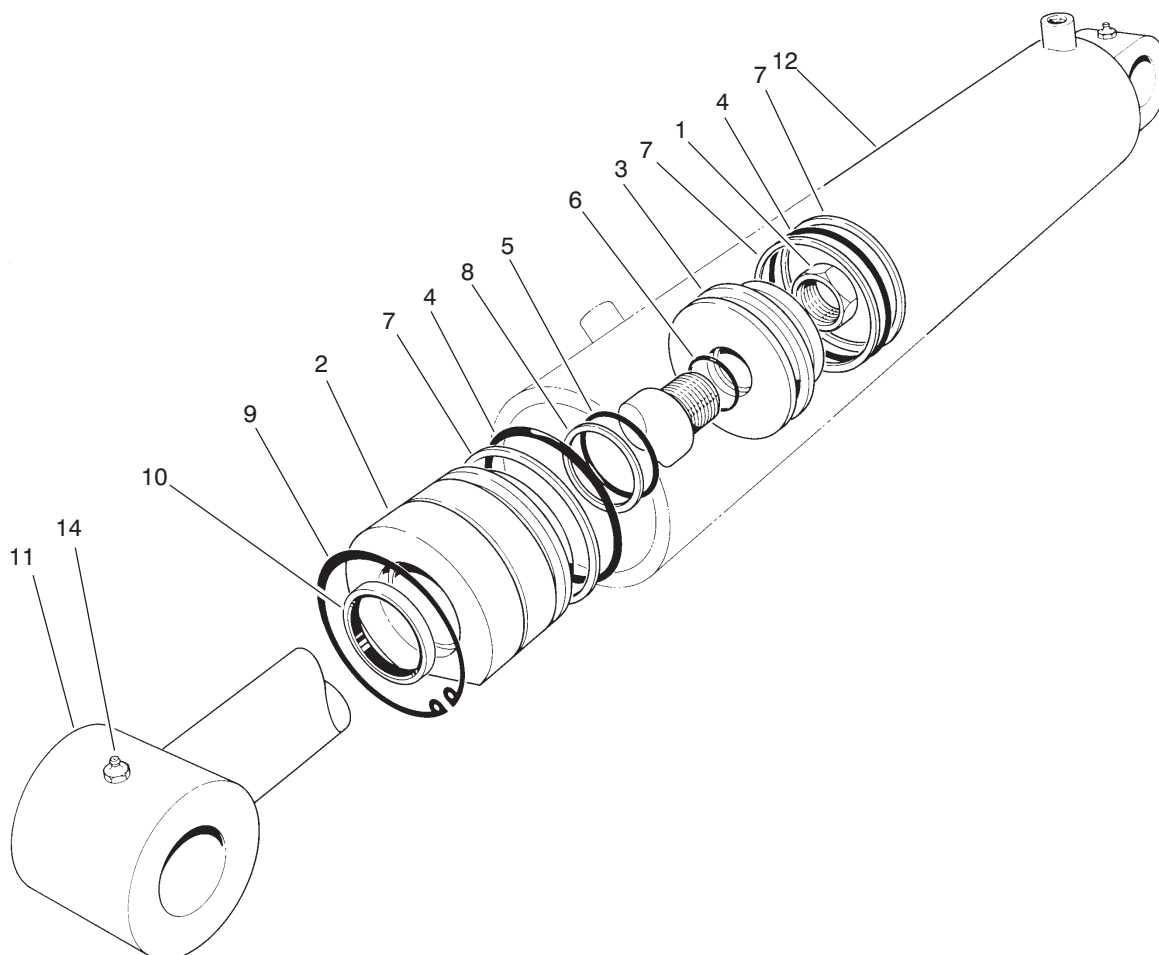


T-0426-5

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



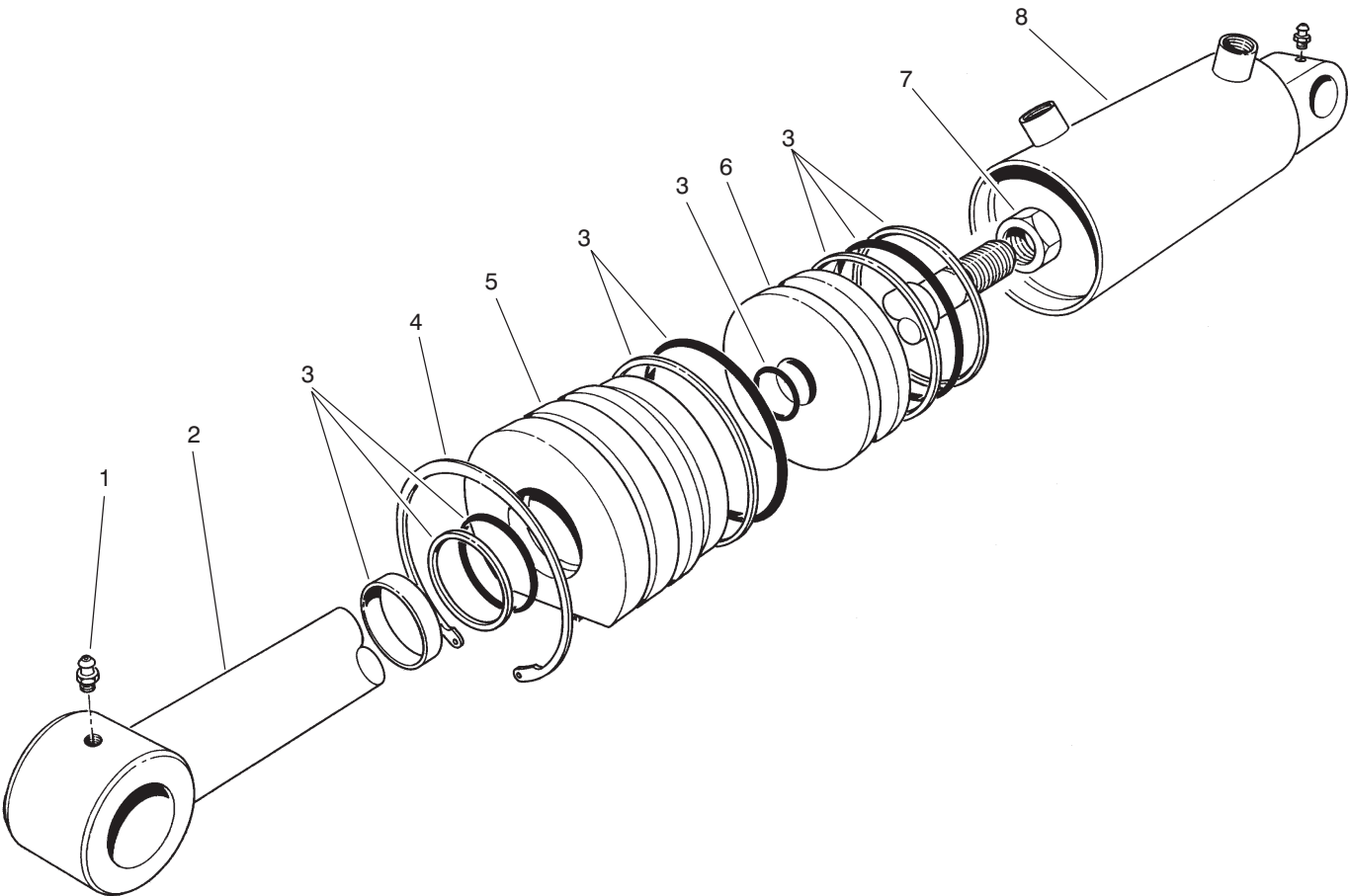
T-0859-1

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

Ref. No.	Part No.	Description	No. Used
1	60-9760	Nut	1
2	60-9780	Head	1
3	60-9770	Piston	1
4		O-Ring	2
5		O-Ring	1
6		O-Ring	1
7		Ring - Back-up	3
8		Ring - Backup	1

Ref. No.	Part No.	Description	No. Used
9	61-4990	Ring - Retaining	1
10		Seal - Dust	1
11	61-4980	Shaft - w/Clevis	1
†12		Barrel	1
*13	61-4960	Kit - Seal Repair (Incl. Ref. #10, 4-8)	1
14	302-55	Fitting - Grease	2

†Not available separately..



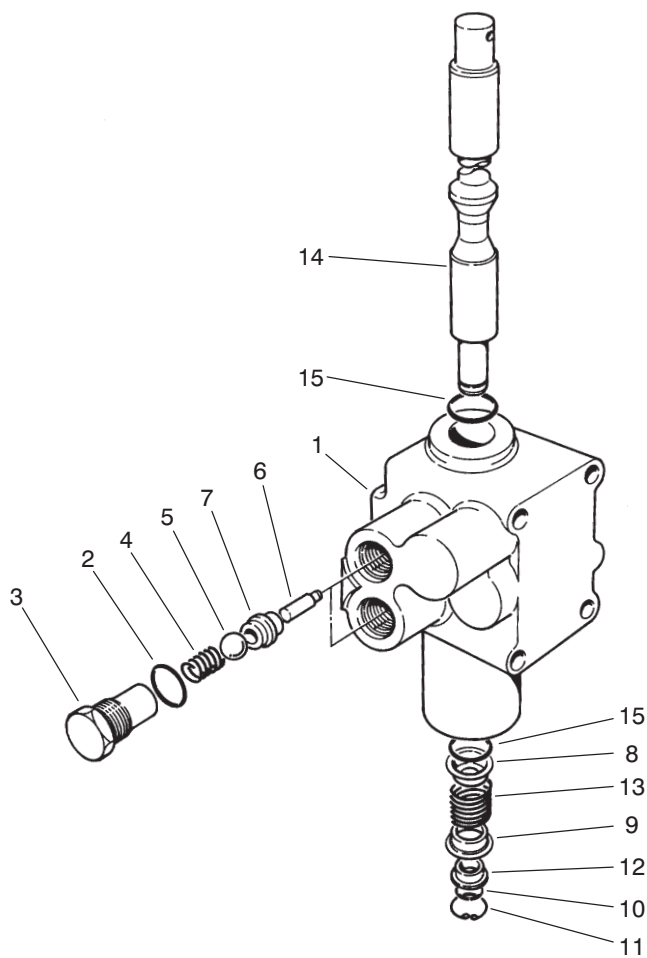
T-0527-2

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

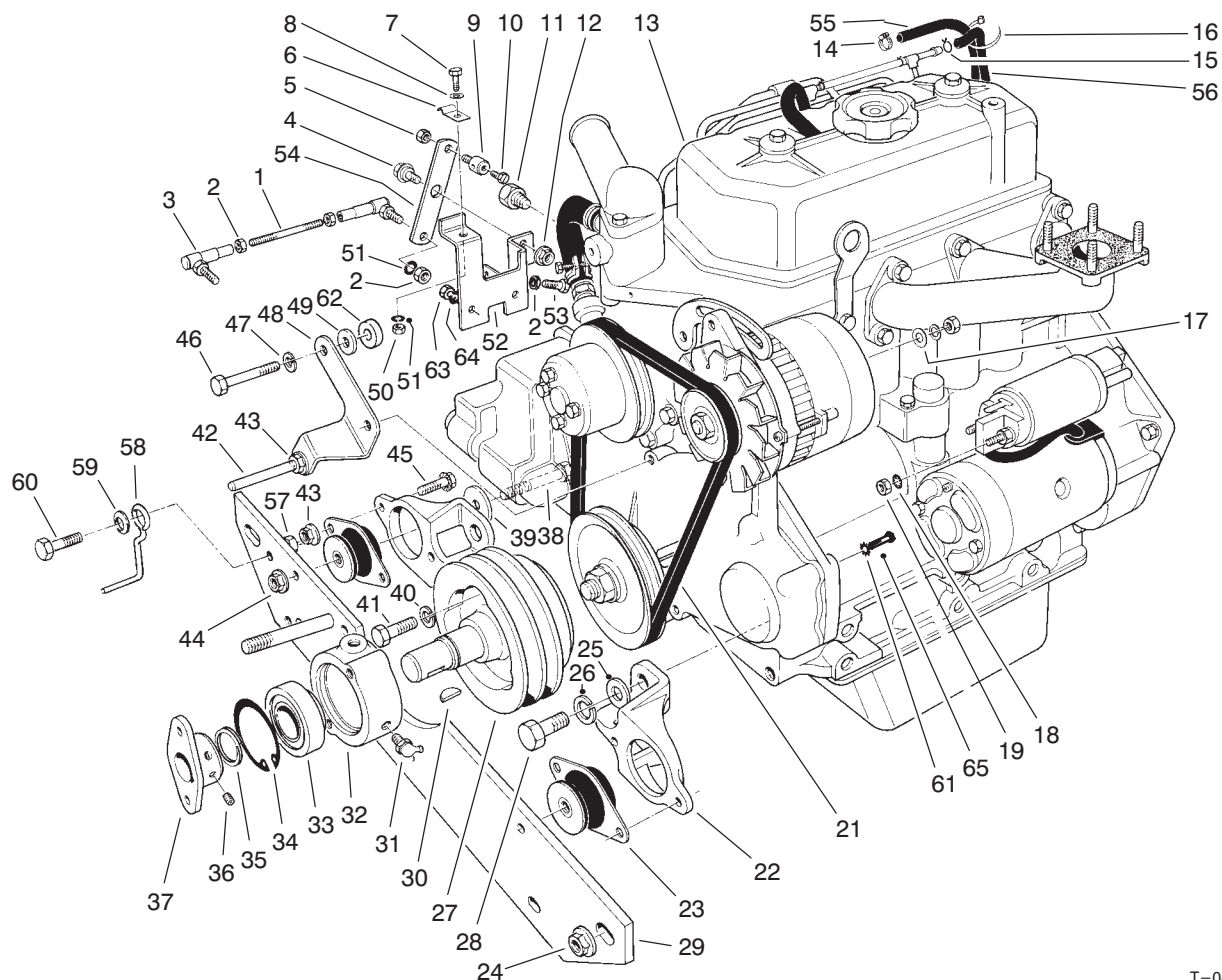
*Not available separately.



T-0428-1

CONTROL VALVE ASSEMBLY NO. 43-1710

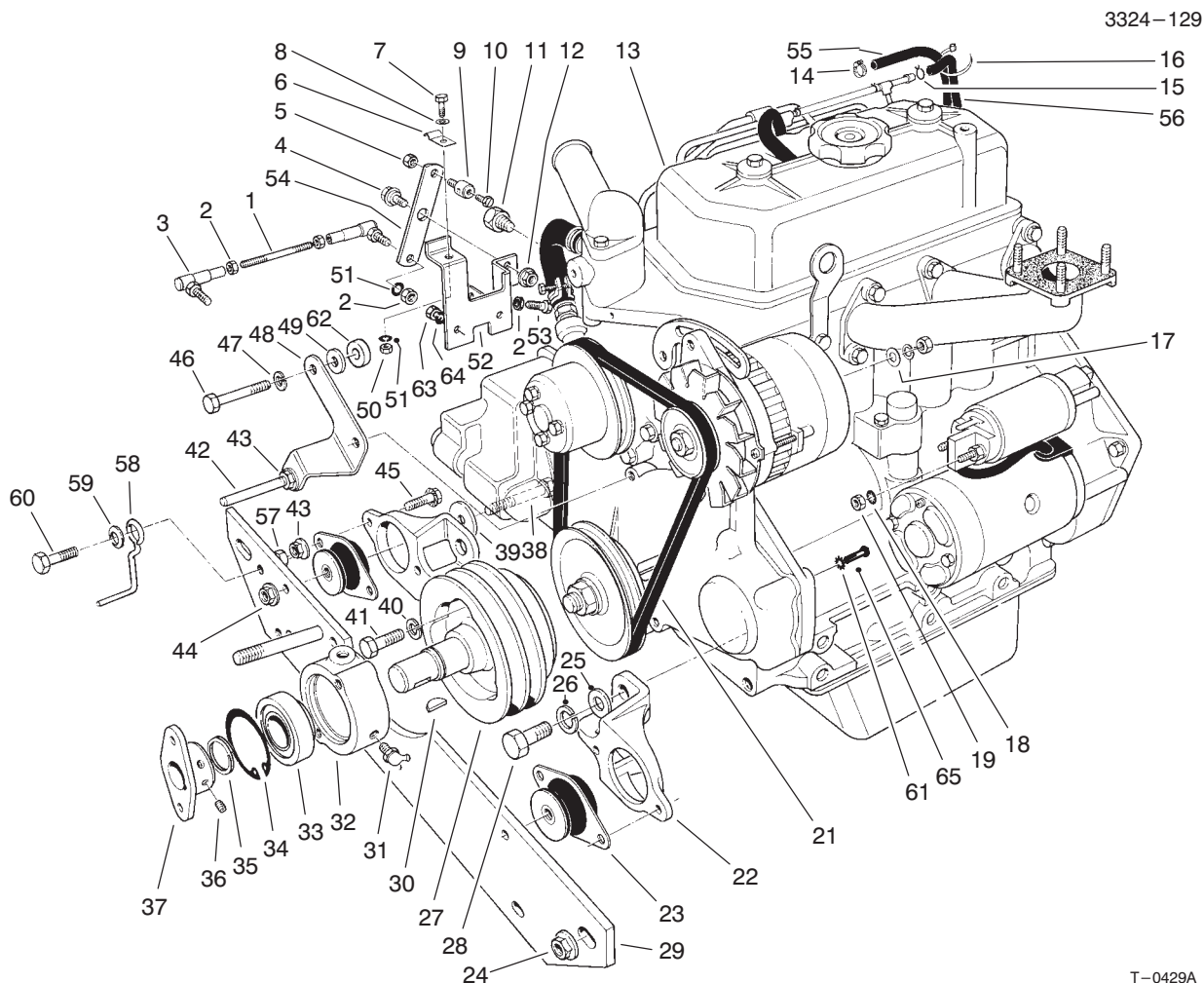
Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	43-1730	Body	1	9	22-8390	Retainer - Spring	1
2	237-42	O-Ring	2	10	22-8480	Spring Ring Spool	1
3	22-8330	Plug	2	11	22-8490	Ring-Snap	1
4	22-8340	Spring	2	12	22-8400	Spacer - Float	1
5	22-8350	Ball	2	13	22-8410	Spring	1
6	22-8360	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

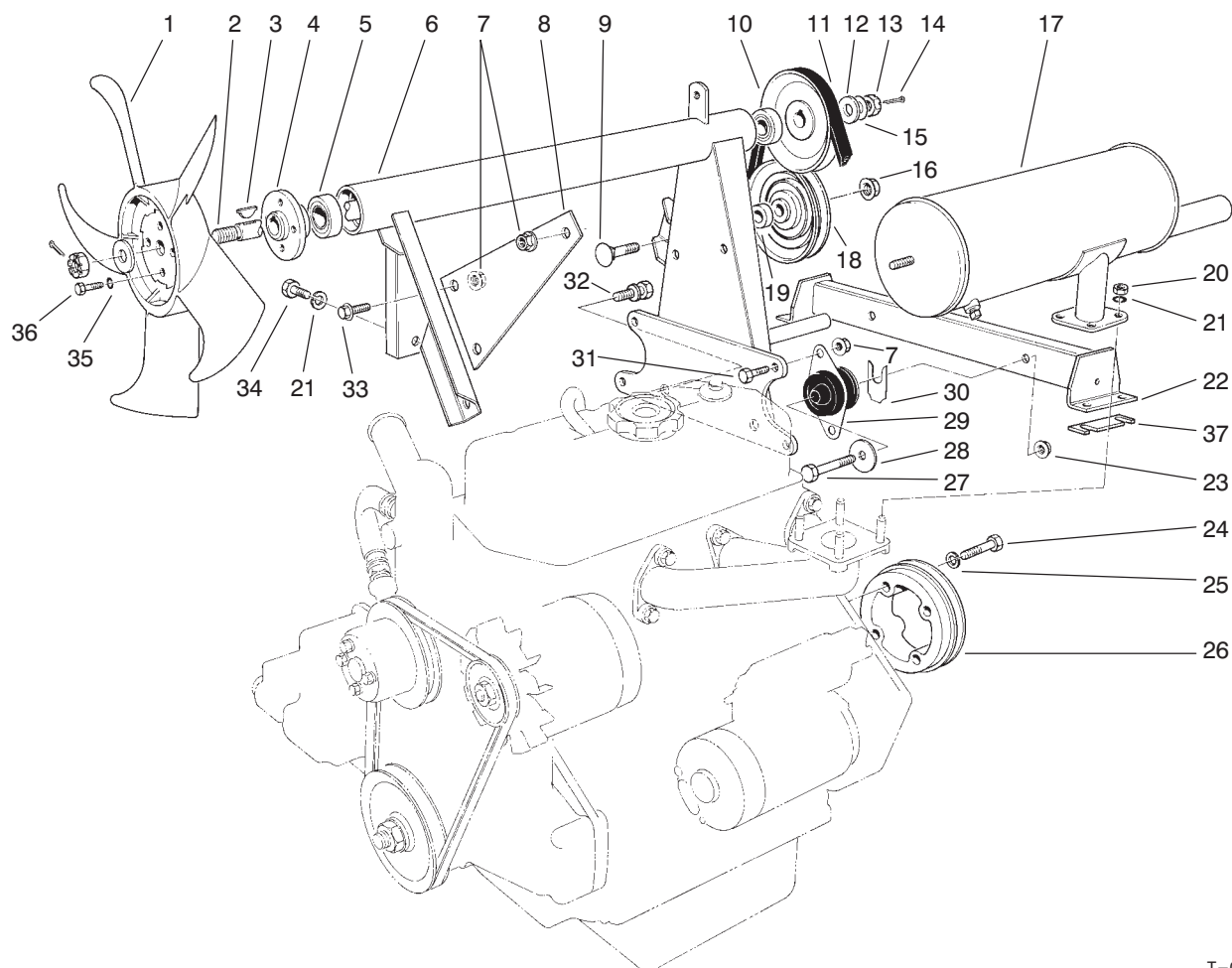
ENGINE ASSEMBLY

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

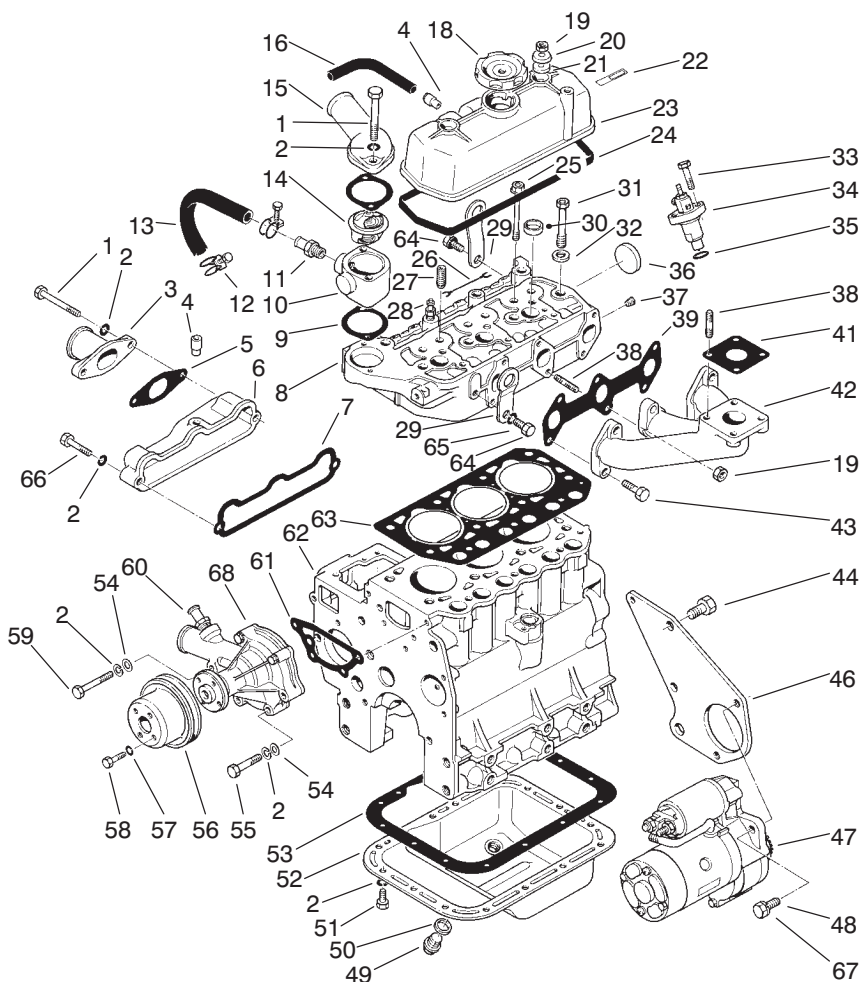


T-0430-1

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

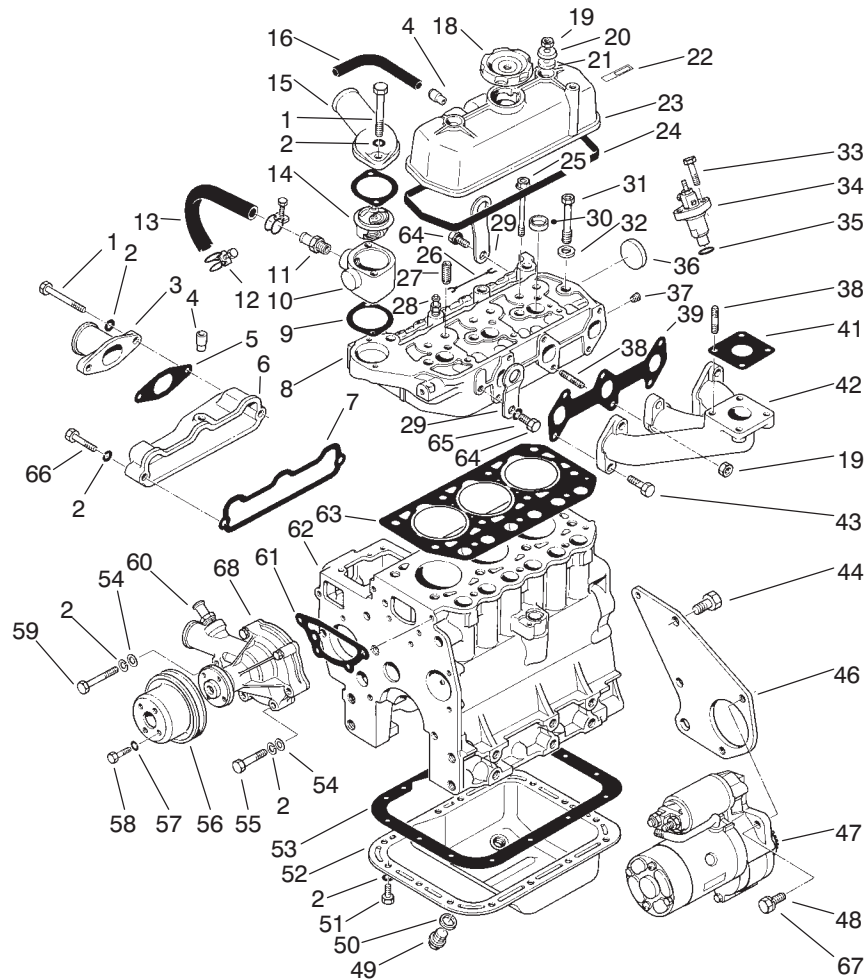


T-0431-1

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.



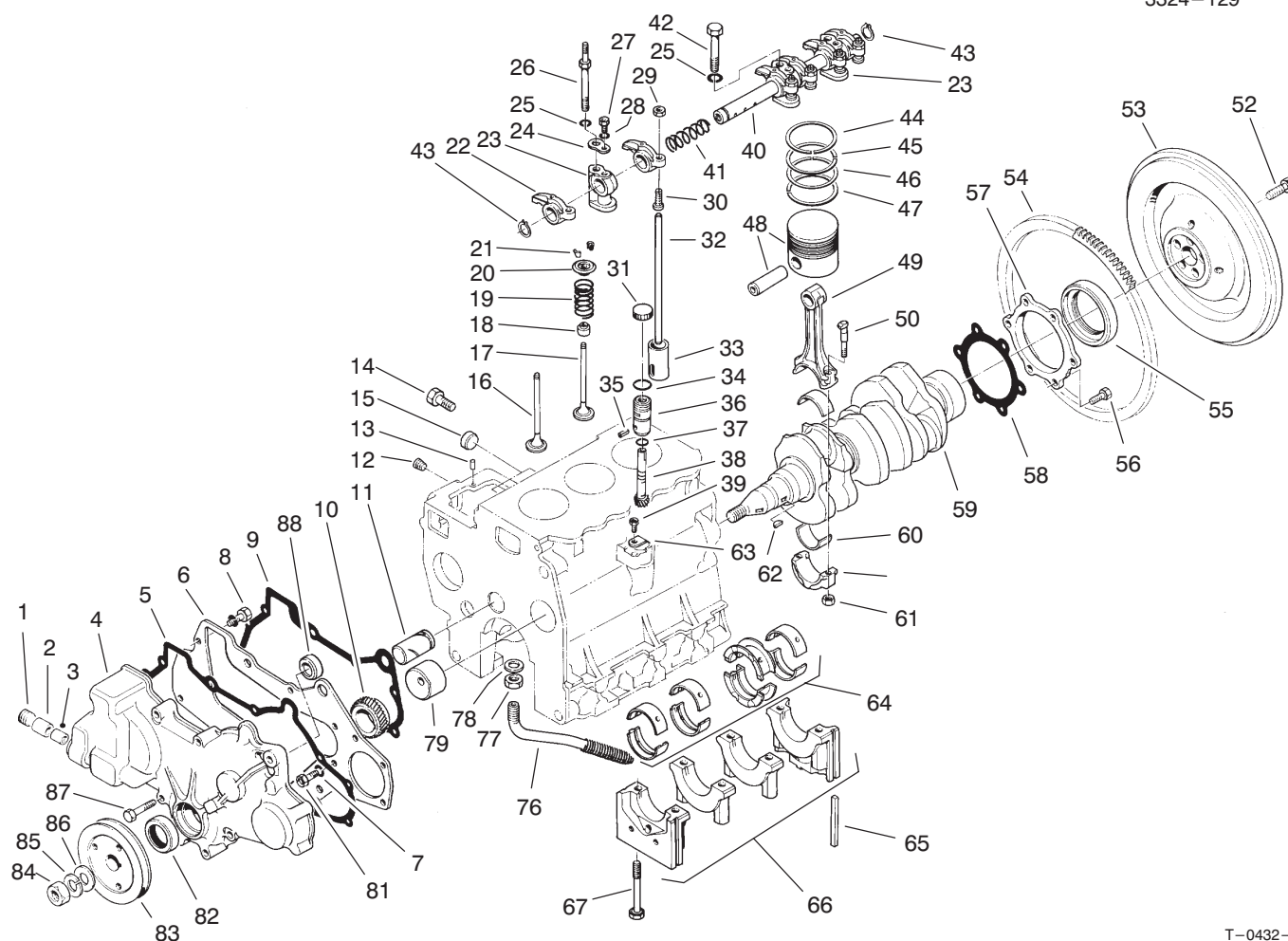
T-0431-1

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

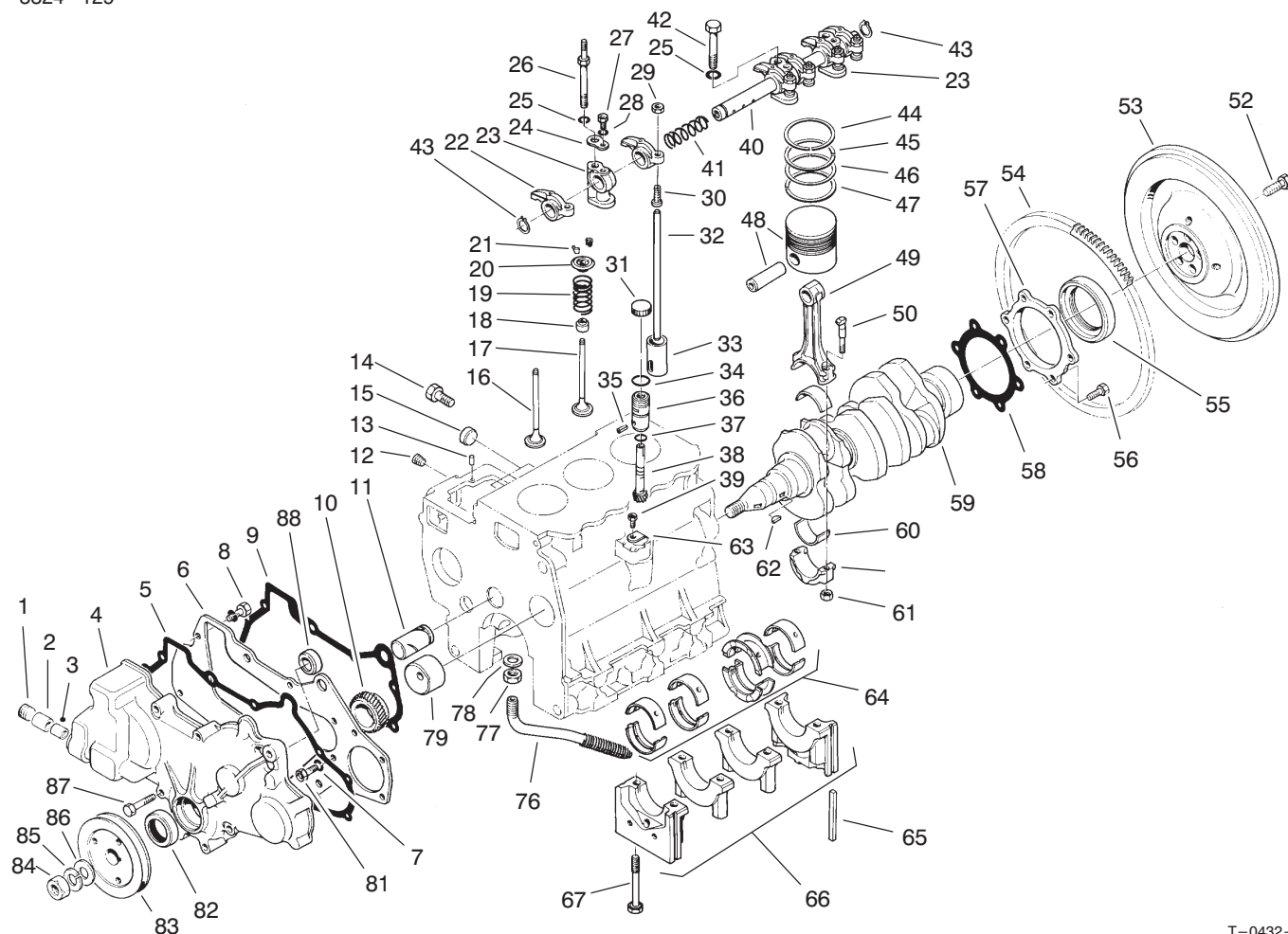


T-0432-2

ENGINE ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used	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 - HH	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 - HH 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 - HH	4	39	42-9440	Screw - HH	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 - HH	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	42-9600	Washer - Spring	3				

*Not Illustrated



T-0432-2

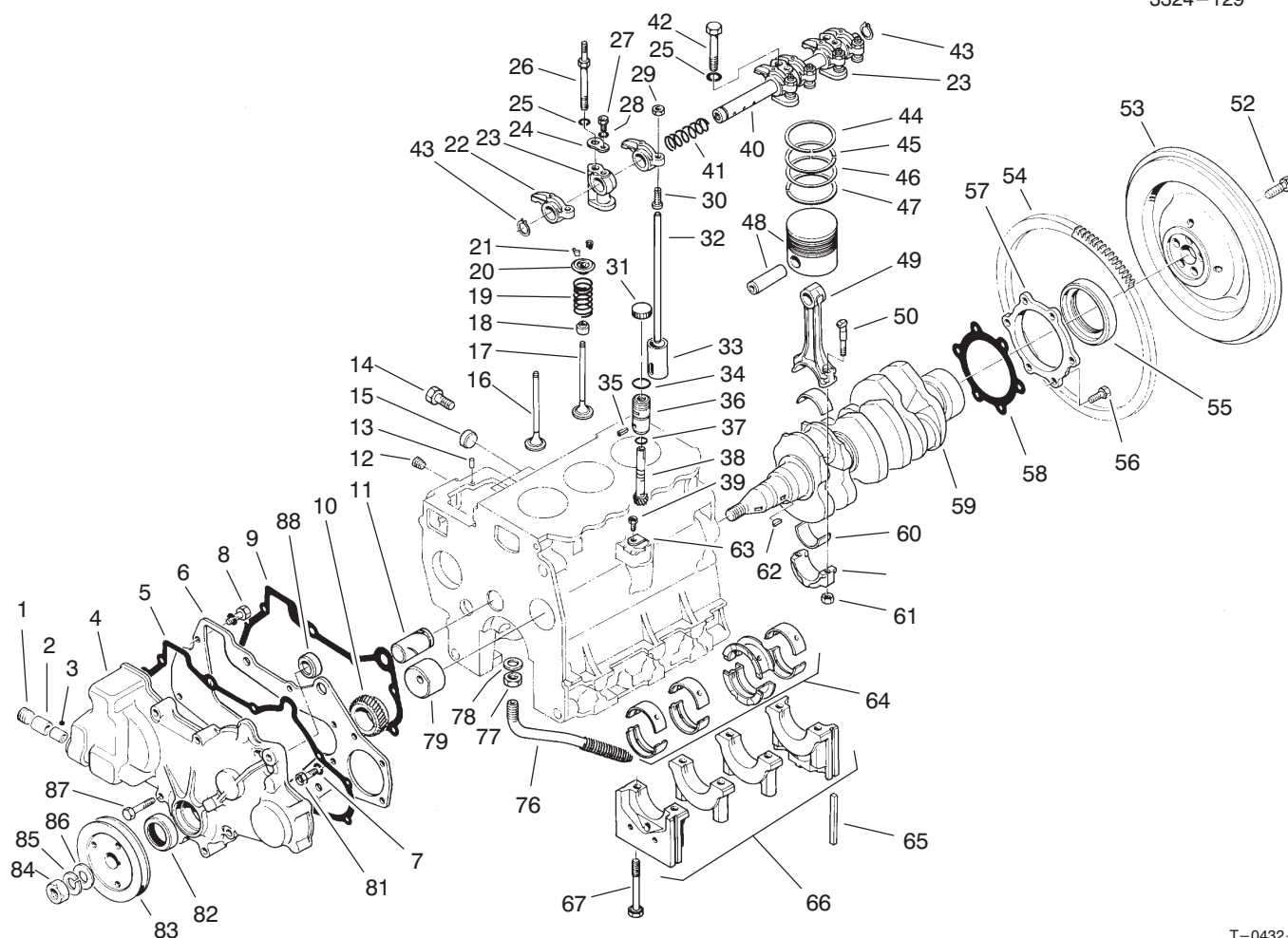
ENGINE ASSEMBLY (Continued)

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



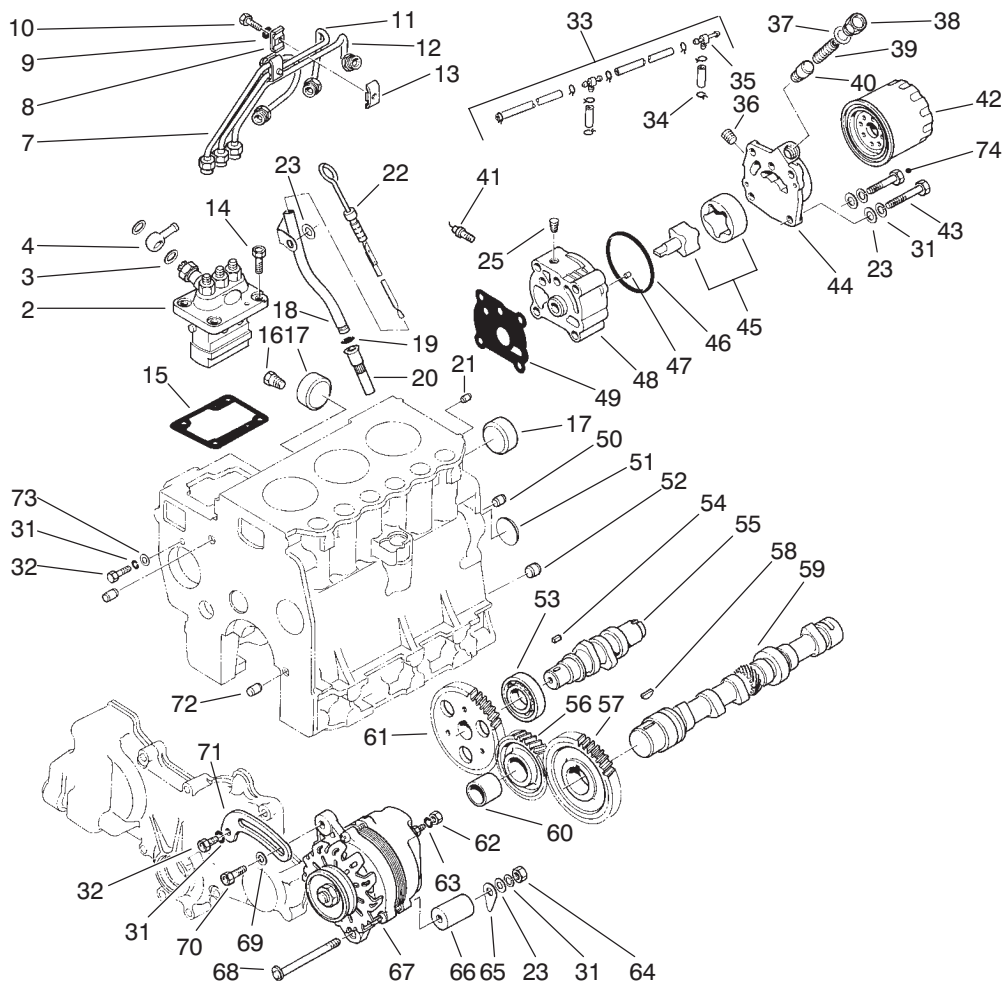
T-0432-2

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



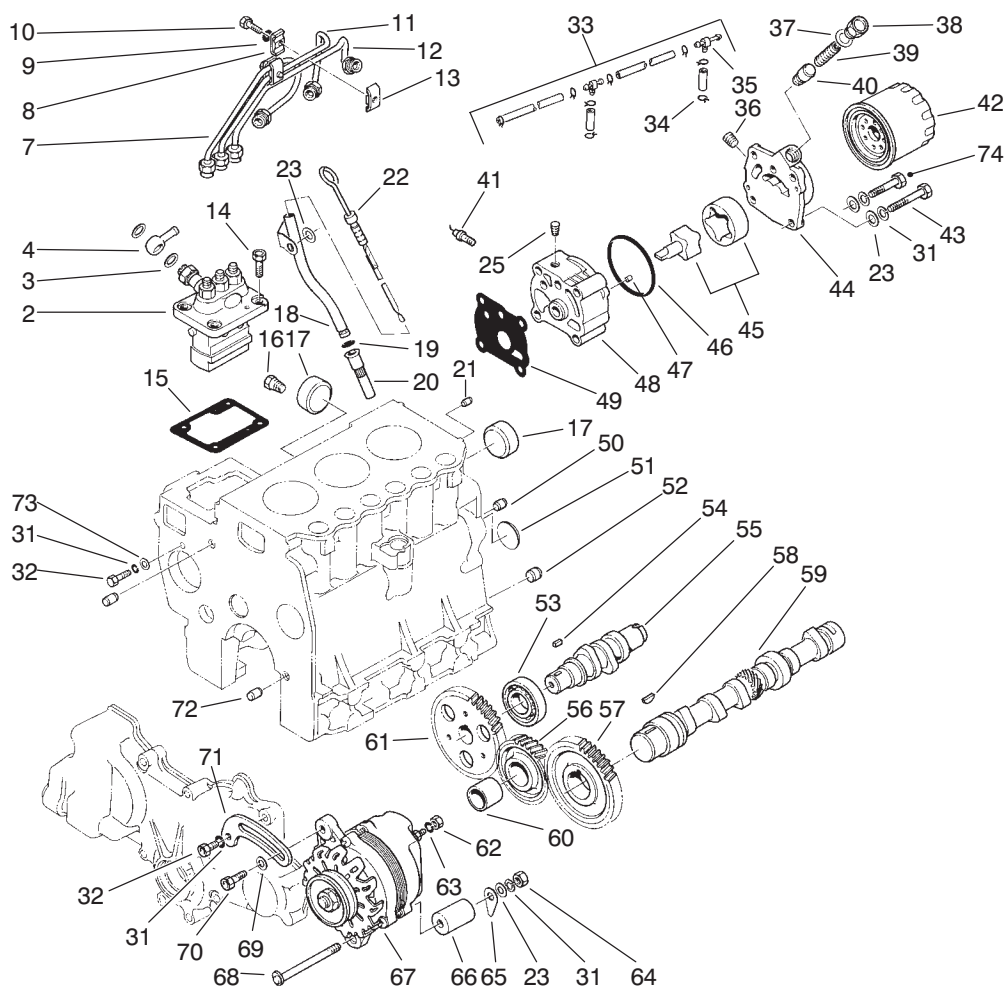
T-0433-1

ENGINE ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
†2		Asm. – Pump, Fuel Injection (Used on Serial No. 60120 & Up)	1	*	42-8070	Shim – 0.8 (.032 in.)	A/R
3	42-9830	Washer – Seal	2	*	42-8080	Shim – 0.9 (.036 in.)	A/R
4	42-8100	Collar – Union	1	*	42-8090	Shim – 1.0 (.039 in.)	A/R
7	42-8130	Asm. – Pipe, Fuel Injection (No. 1)	1	16	281-1	Plug – Taper	1
8	56-0750	Clamp	2	17	42-7090	Cap – Sealing	2
9	43-5930	Washer – Lock	1	18	42-7050	Guide – Oil Level Gauge	1
10	43-2600	Capscrew	2	19	43-2710	O-Ring	1
11	42-8140	Asm. – Pipe, Fuel Injection (No. 2)	1	20	72-6950	Retainer – Oil Level Guide	1
12	42-8150	Asm. – Pipe, Fuel Injection (No.3)	1	21	42-7160	Pin – Dowel	1
13	56-0760	Clamp	2	22	42-7270	Asm. – Gauge, Oil Level	1
†14	43-0110	Screw – HH (Used on Serial No. 60120 & Up)	3	23	42-9660	Washer – Flat	6
15	42-8010	Shim – 0.2 (.008 in.)	A/R	25	67-2570	Plug – Taper	1
*	42-8020	Shim – 0.3 (.012 in.)	A/R	31	42-9850	Washer – Lock	7
*	42-8030	Shim – 0.4 (.016 in.)	A/R	32	42-9230	Screw – HH	2
15	42-8040	Shim – 0.5 (.020 in.)	A/R	33	42-8180	Asm. – Pipe, Fuel Return	1
*	42-8050	Shim – 0.6 (.024 in.)	A/R	34	2412-79	Clamp – Hose	8
*	42-8060	Shim – 0.7 (.028 in.)	A/R	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.

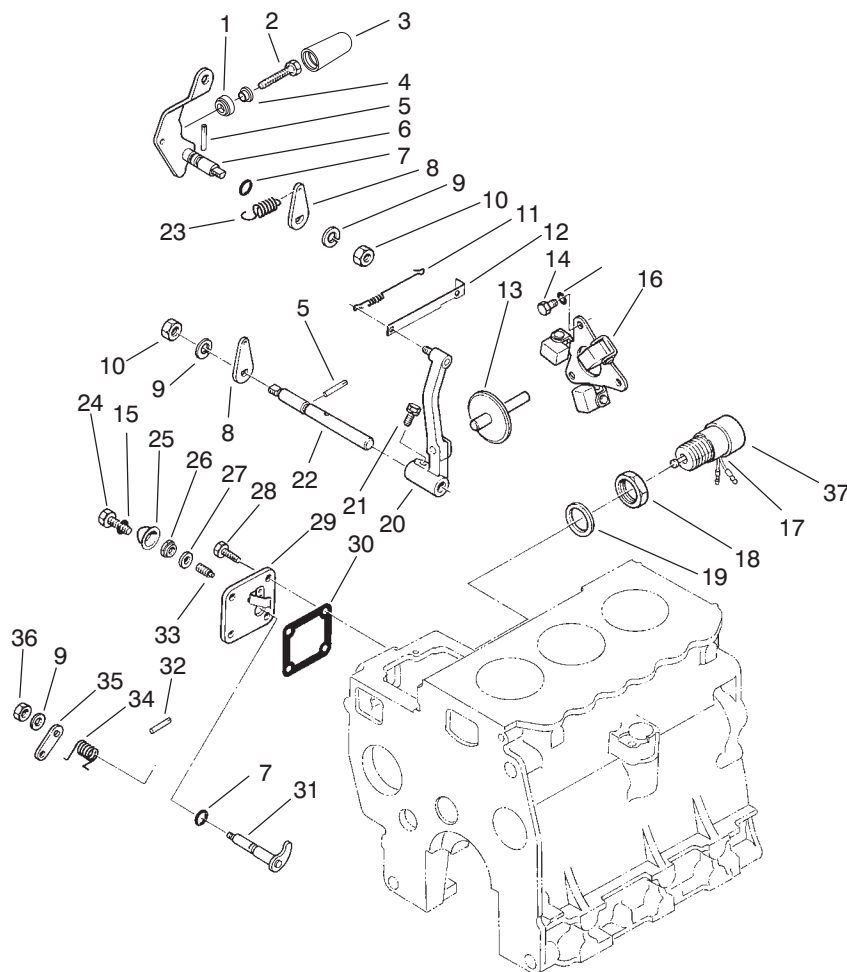


T-0433-1

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



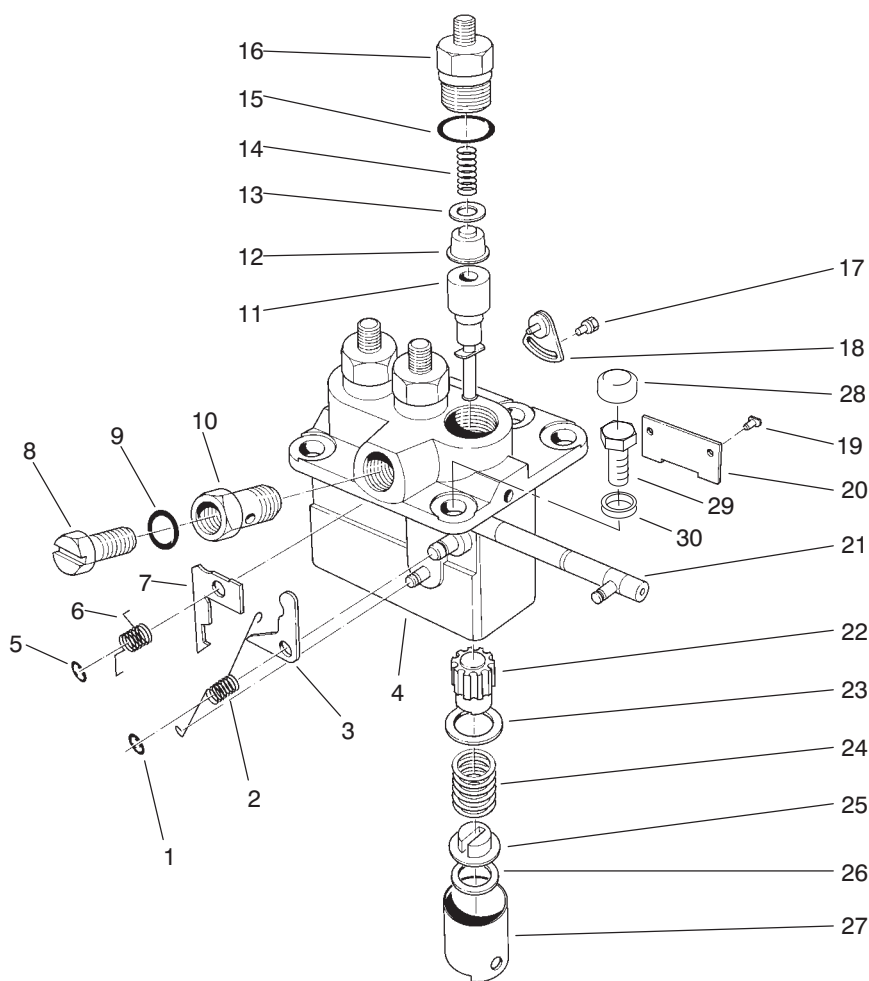
T-2434

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

Ref. No.	Part No.	Description	No. Used
†1		C-Ring, High Speed Set	1
†2		Bolt – High Speed Set	1
†3		Cover – High Speed Set	1
†4		Nut – High Speed Set	1
5	42-8810	Pin – Grooved	2
6	42-8780	Asm. – Speed Control Lever	1
7	42-8830	O-Ring	2
8	42-8770	Lever – Governor Spring	2
9	42-9850	Washer – Lock	2
10	42-9580	Nut – Jam	2
11	42-8740	Spring – Tie Rod	1
12	42-8750	Tie Rod	1
13	42-8720	Asm. – Sliding Shaft	1
14	42-9430	Screw – HH	3
15	43-5930	Washer – Lock	4
16	67-4040	Asm. – Weight, Governor	1
17	43-2730	Solenoid – Tubular	1
18	43-2750	Nut	1
19	43-2740	Gasket	1

Ref. No.	Part No.	Description	No. Used
20	42-8730	Asm. – Governor Lever	1
21	42-9450	Asm. – Bolt/Washer	1
22	42-8760	Shaft – Governor	1
23	42-8820	Spring – Governor	1
24	43-2800	Screw – HH	1
25	43-2820	Sealing Cap	1
26	43-5960	Nut – Special	1
27	43-3120	Washer – Seal	1
28	67-2560	Screw – HH	3
29	42-8790	Asm. – Cover (Incl. Ref. #25, 27 & 33)	1
30	42-8800	Gasket Cover	1
31	44-8090	Asm. – Lever, Stop	1
32	42-8810	Pin – Grooved	1
33	43-3160	Screw – Adjusting	1
34	44-8100	Spring Return	1
35	43-2770	Lever – Stop	1
36	42-9640	Nut – Jam	1
37	62-6940	Cap	1

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



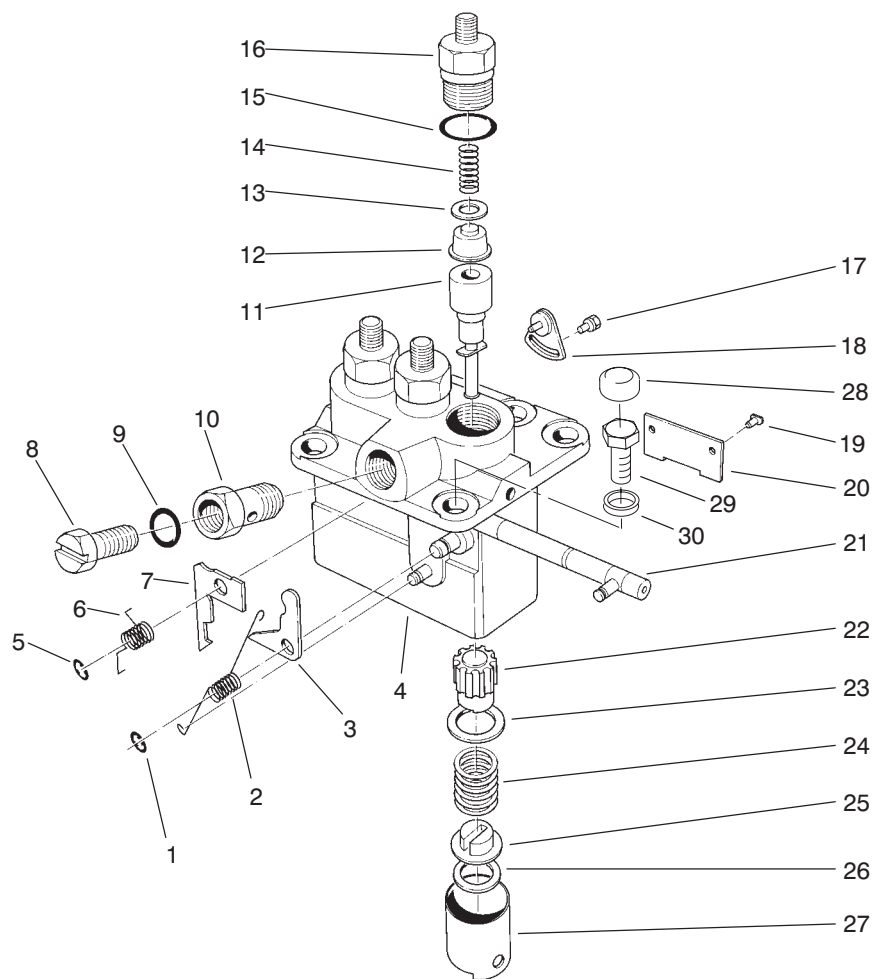
T-2435

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

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



T-2435

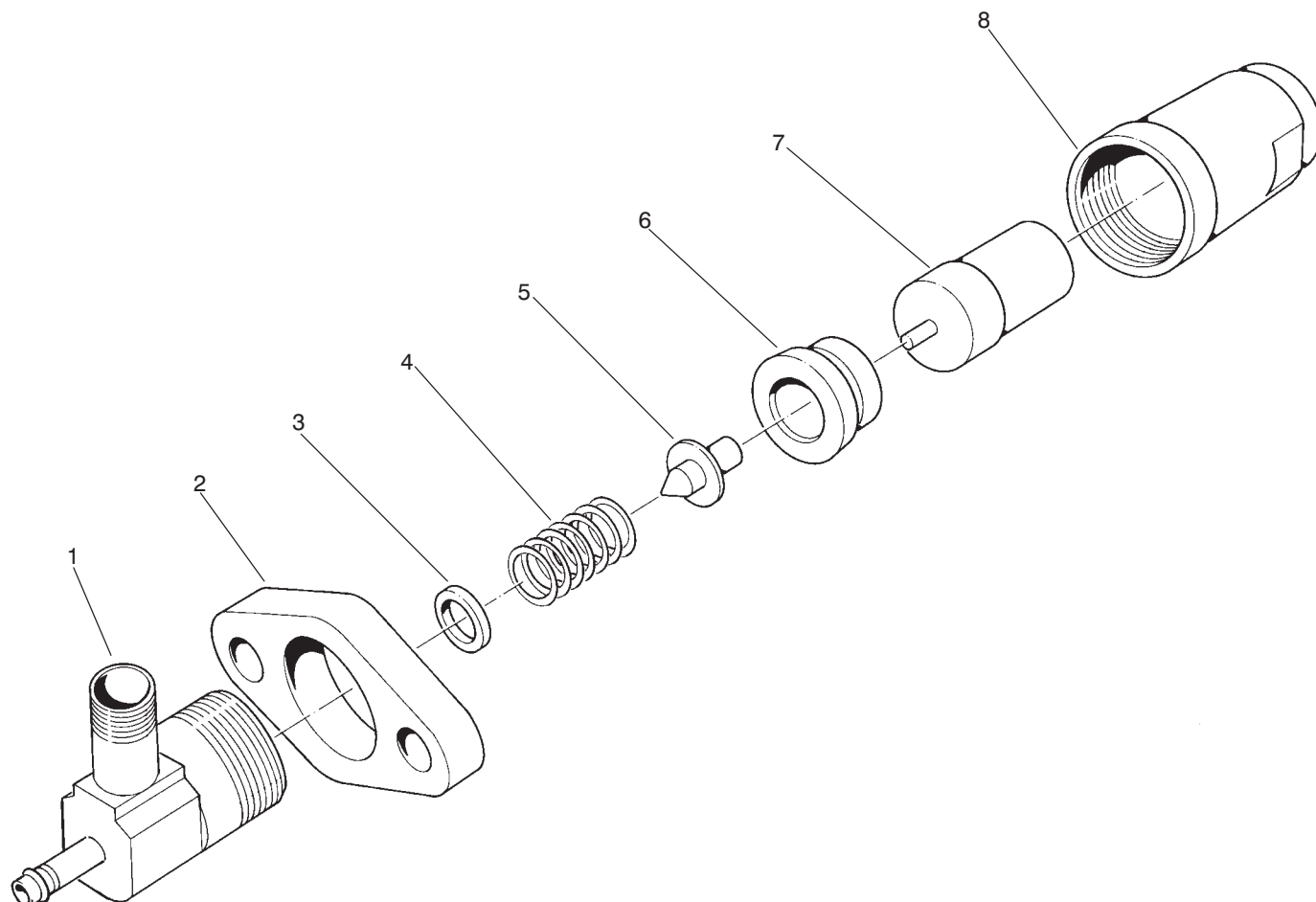
FUEL INJECTION PUMP ASSEMBLY (Continued) (Used on Serial No. 60120 & Up)

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

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

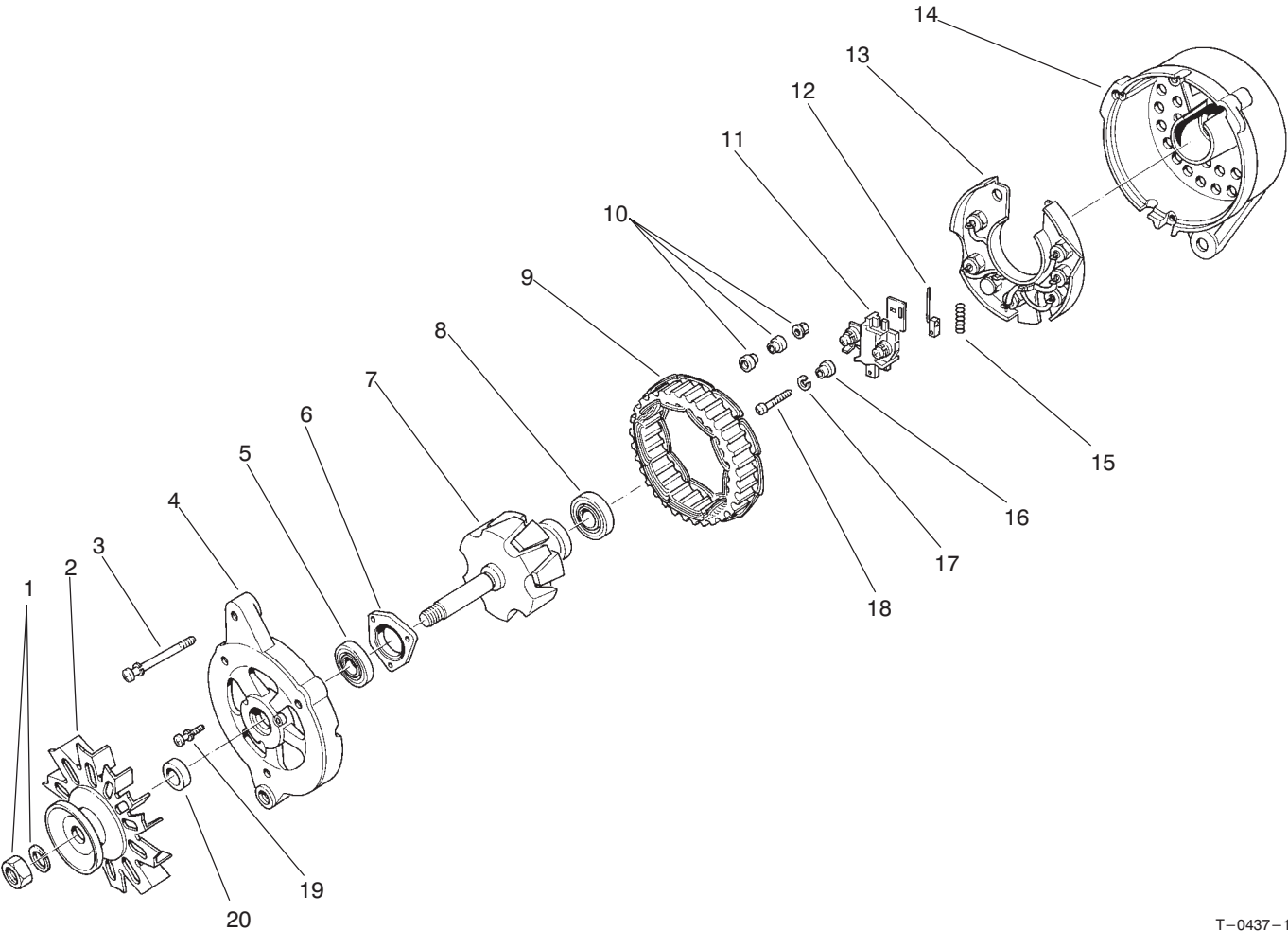


T-0436-1

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

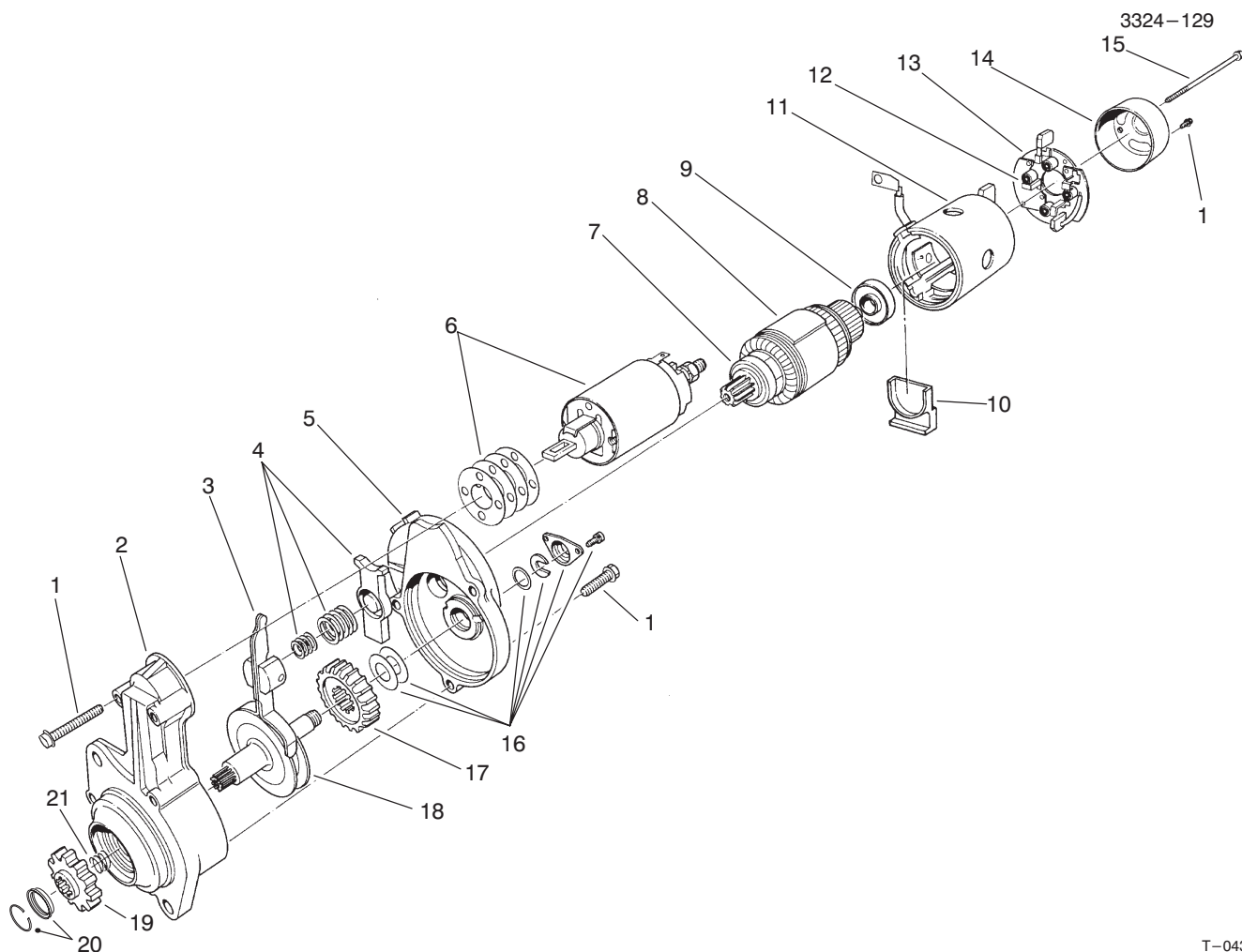


T-0437-1

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



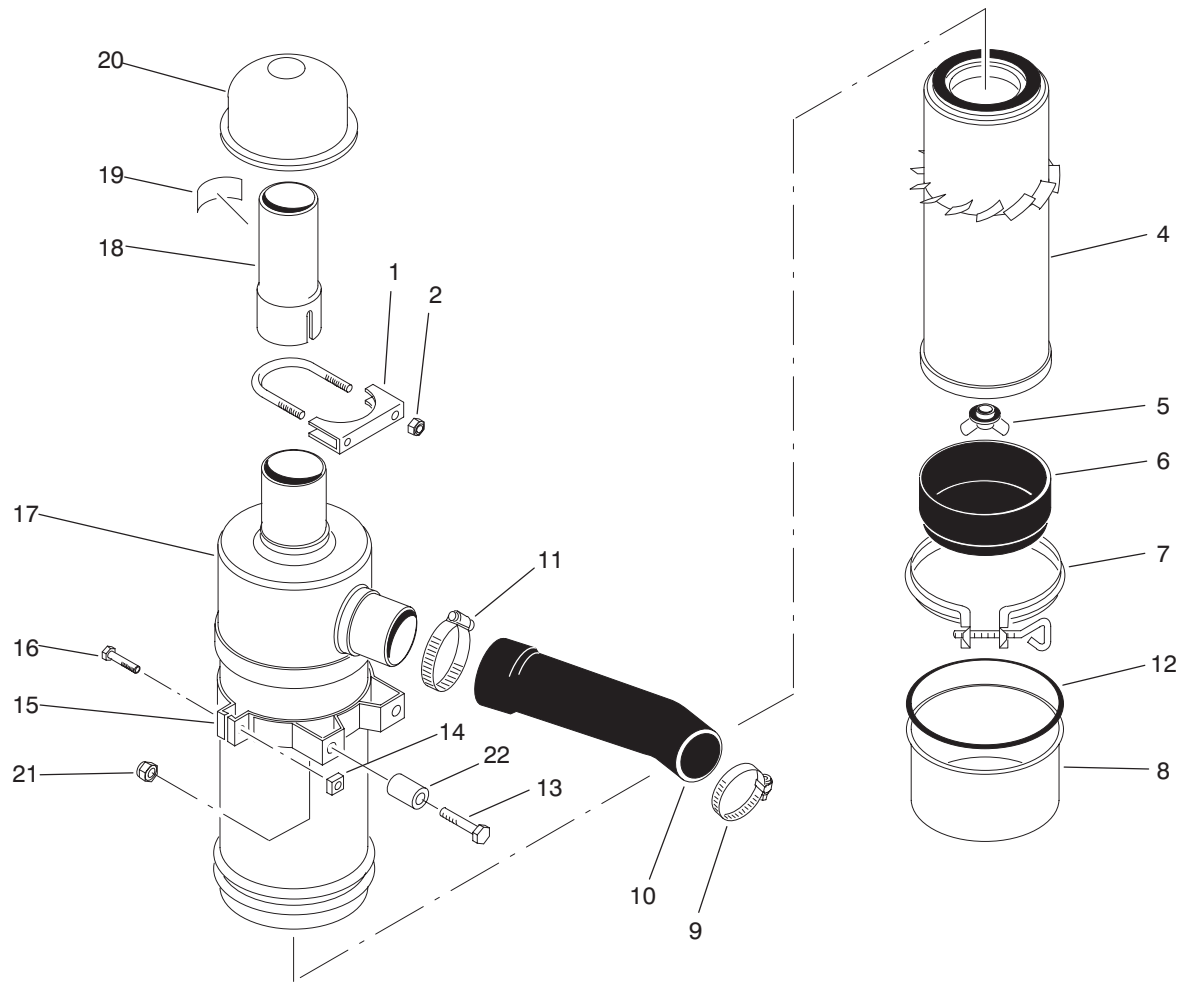
T-0438-1

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



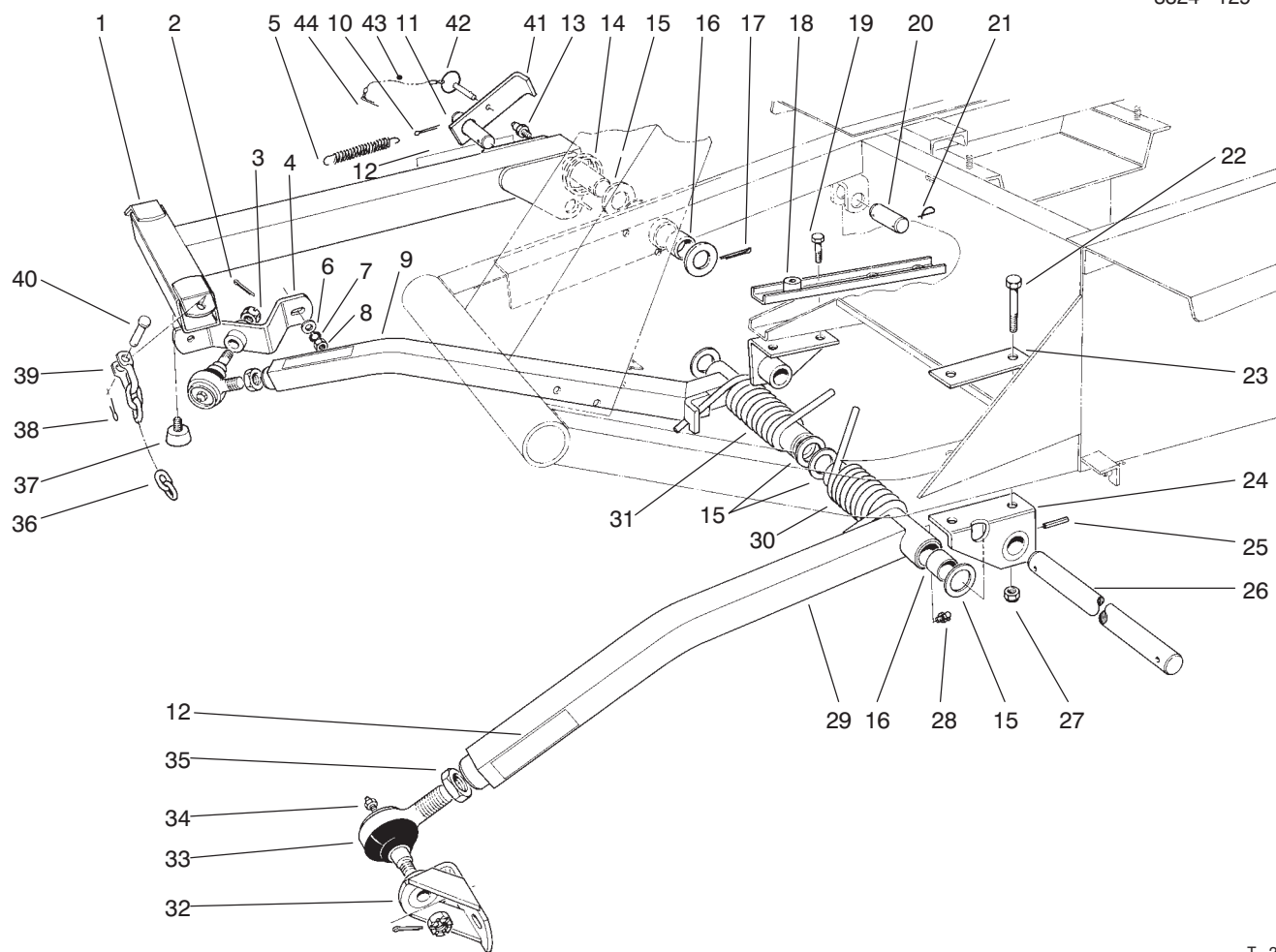
T-1188-2

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)	1	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.

TABLE OF CONTENTS

Description	Page	Description	Page
Main Frame Assembly	1–3	Transmission Assembly No. 92–8947	28–29
Instrument Panel Assembly	4–5	Valve and Cylinder Assembly	30
Electrical Schematic	6	Hydraulic Lift Cylinder Assembly	
Radiator & Hood Assembly	7–8	No. 100–6586 (2–1/2” Bore)	31
Fuel Filter Assembly	9	Hydraulic Lift Cylinder Assembly	
Interlock Assembly	10	No. 100–6591 (3” Bore) (Opt.)	32
Power Take Off (PTO) Assembly	11–12	Control Valve Assembly No. 43–1710	33
Brake Pedal Assembly	13–14	Engine Assembly	34–43
Power Steering Assembly	15	Governor Assembly	44
Power Steering Valve Assembly		Fuel Injection Pump Assembly	45–46
No. 92–7308	16	Nozzle and Holder Assembly	
Hydraulic Schematic	17	No. 44–8070	47
Front Axle and Fuel Tank Assembly	18	Alternator Assembly No. 43–0390	48
Differential Assembly No. 86–9600	19–21	Starter Assembly No. 46–7610	49
Brake Assembly	22	Air Cleaner Assembly	50
Rear Axle and Wheel Assembly	23–24	Push Arm Assembly	51
Hydraulic Cylinder No. 92–7828	25		
Transmission Installation Assembly	26–27		