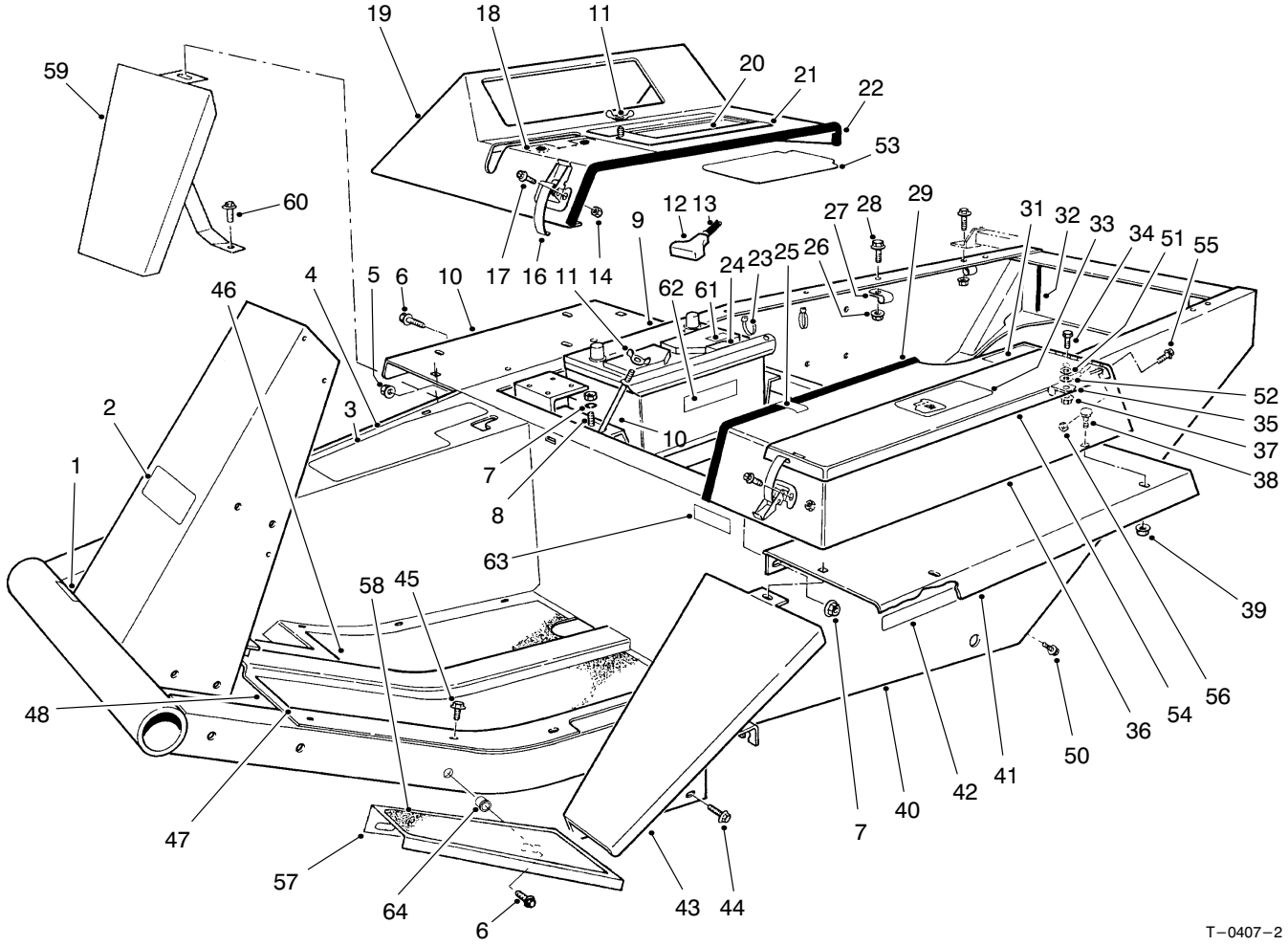
FORM NO. 3317−145 REV D

TORO®

MODEL NO. 30739−50001 & UP

PARTS CATALOG

GROUNDSMASTER® 325D Intl. 2WD
TRACTION UNIT



T−0407−2

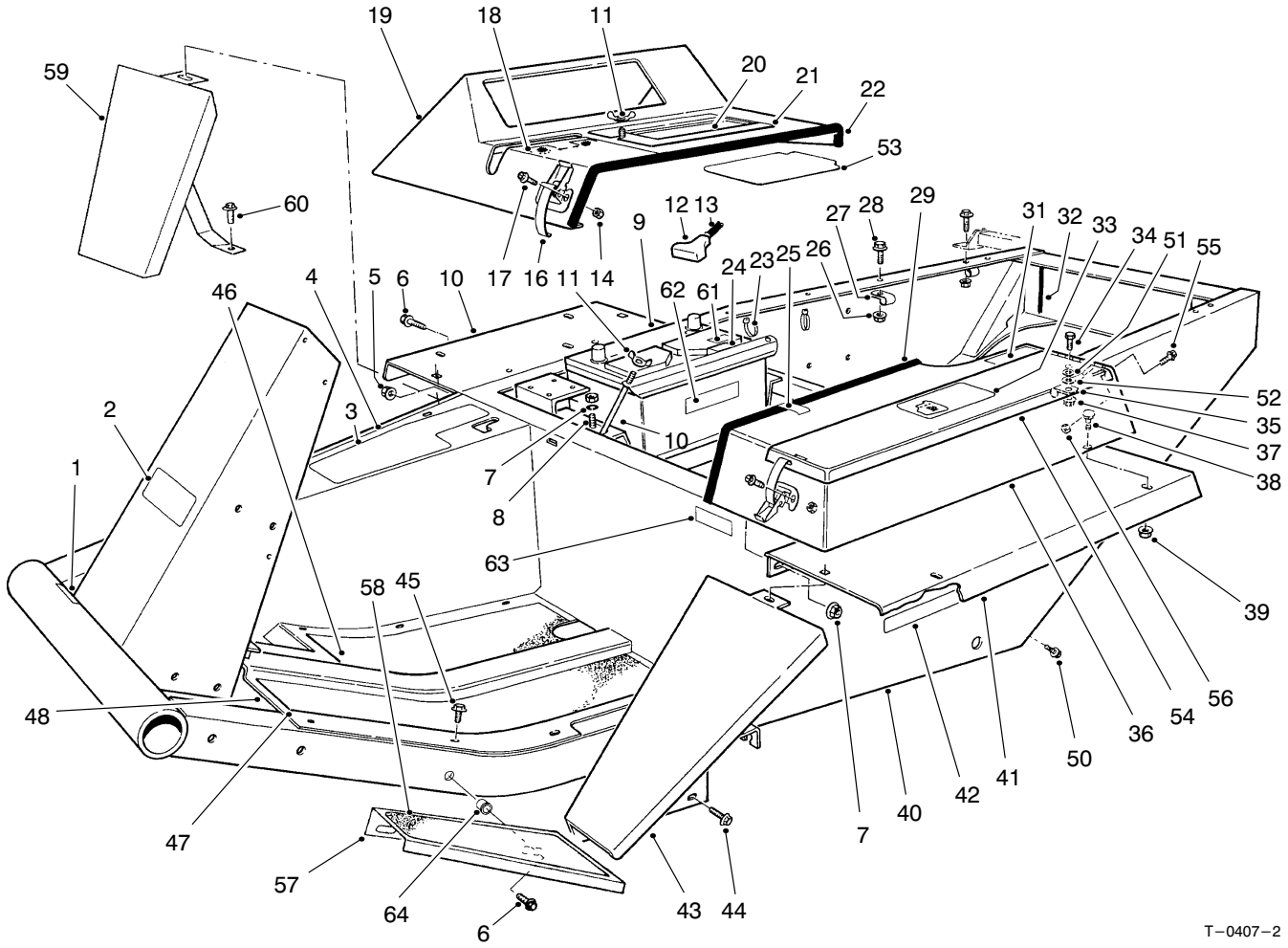
MAIN FRAME ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	93−7836	Decal − Traction Pedal	1
2	70−2200	Decal − Toro	1
3	93−7832	Decal − Caution	1
4	21−2660	Footrest	1
5	32128−21	Nut − Flange	10
6	3234−12	Screw − HHF	5
7	3217−6	Nut − Hex.	2
8	3253−4	Washer − Lock	2
9	63−9230	Battery Type MF24−78, Dry	1
10	24−6390	Stud − Battery Hold Down	2
11	32103−2	Nut − Wing	3
12	28−1280	Boot − Cable	1
13	70−1180	Cable − Battery Positive (Incl. Ref. #12)	1
14	3296−2	Nut	6
16	249−21	Hook Clamp	3
17	3290−144	Screw − Machine	6

Ref. No.	Part No.	Description	No. Used
18	93−7806	Decal − Power Take off	1
19	38−4550	Instrument Cover	1
20	95−2746	Decal − Starting Instructions	1
21	24−9740	Cover − Battery Access	1
22	39−8020	Trim − Instrument Cover	1
23	3290−378	Cable Tie	2
24	24−6420	Hold Down − Battery	1
25	2412−61	Clip − Tinnerman	2
26	3290−357	Nut − Flange	5
27	2412−4	Clamp	3
28	3234−11	Screw − HHF	5
29	37−9650	Trim	1
31	93−6680	Decal − Diesel Fuel	1
32	43−4300	Trim − Rear Frame	2
33	93−7822	Decal − Refueling	1
34	322−5	Screw − HH	1
35	2412−74	Clamp	1

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TPS

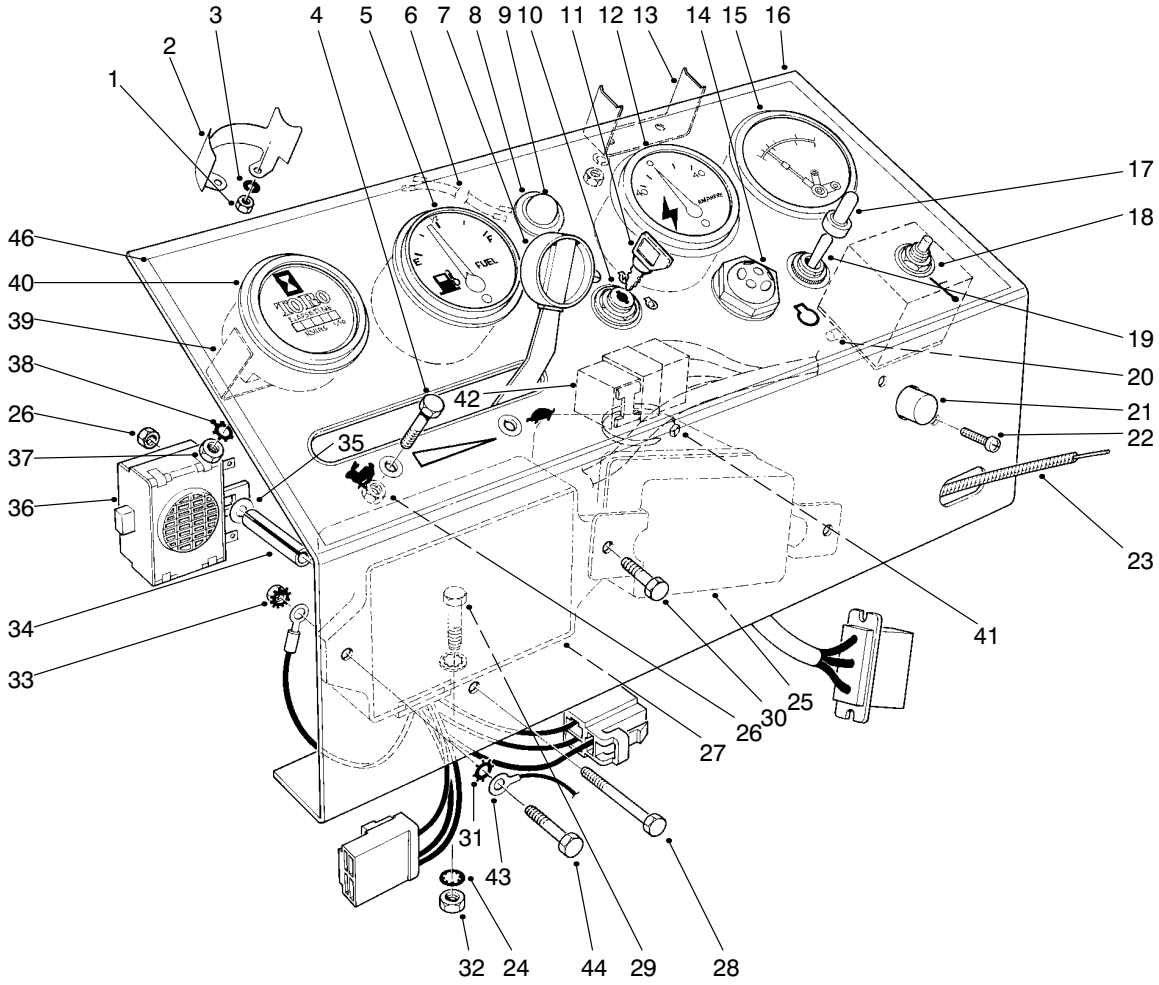


MAIN FRAME ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
36	93−3183	Tool Box (Incl. Ref. #30)	1
37	32128−20	Nut − Flange	1
38	3229−1	Bolt − Carriage	6
39	32128−33	Nut − Flange	6
†40	94−2689	Frame (Incl. Ref. #1−2, 5, 42 & 50)	1
41	72−3690	Fender	2
42	93−7830	Decal − Torque	2
43	68−8610	Fender − Extension	1
44	3234−14	Screw − HH	2
45	32144−10	Screw − Tap	11
46	21−2770	Pad − Foot Rest R.H.	1
47	21−2760	Pad − Foot Rest L.H.	1
48	88−0070	Floor Plate	1
50	3234−25	Screw − HHF	4

Ref. No.	Part No.	Description	No. Used
51	3254−2	Washer − Lock, Int. Tooth	1
52	18−2770	Cable − Ground	1
53	92−7801	Shield − Battery Cover	1
54	93−3184	Cover (Incl. Ref. #33)	1
55	3290−144	Screw − HH	3
56	3296−2	Nut − Lock	3
57	93−7410	Panel − Footrest	1
58	66−3200	Tread − Foot, LH	1
59	93−7626	Fender − RH	1
60	3234−33	Screw − Flange	1
61	93−7276	Decal − Danger	1
62	93−6668	Decal − Charging	1
63	93−7252	Decal − CE	1
■64	32148−9	Nut − Clinch	1

† Includes item 42, page 15.
■ Special tool required.

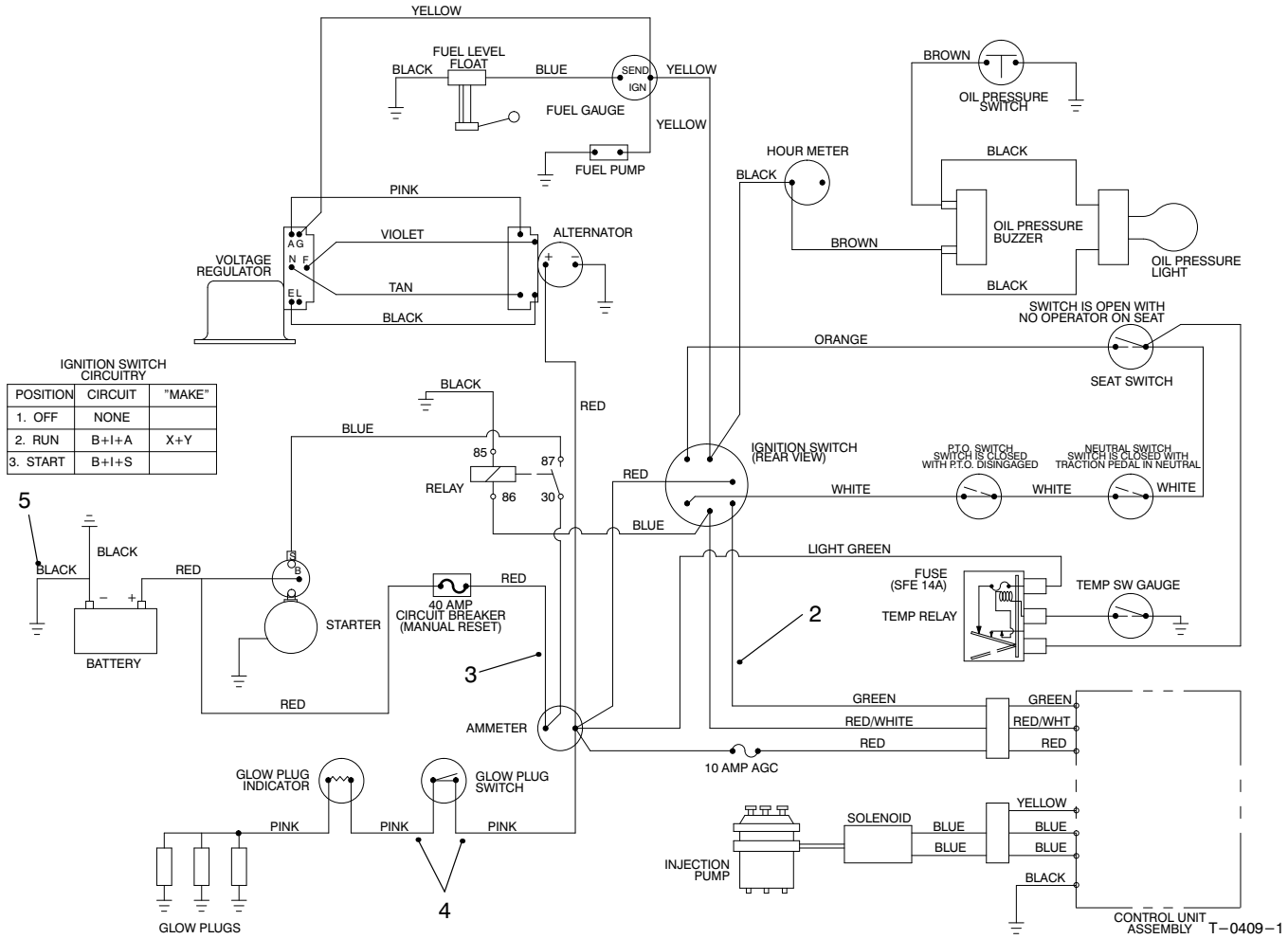


T−0408−1

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	27−2360	Switch − Key	1
11	63−8360	Key	1
12	38−1660	Ammeter (Inc. 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 (Inc. Ref. #17)	1
†20		Fuse − Temp. Relay 14 Amp. SFE	1
21	43−4000	Circuit Breaker	1
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	12−9990	Hour Meter (Incl. Ref. #37−39)	1
41	3290−379	Cable Tie	1
42	63−7590	Relay	1
43	70−1190	Cable − Ground	1
44	321−6	Screw − HH	1
46	93−7813	Decal − Instrument Panel	1

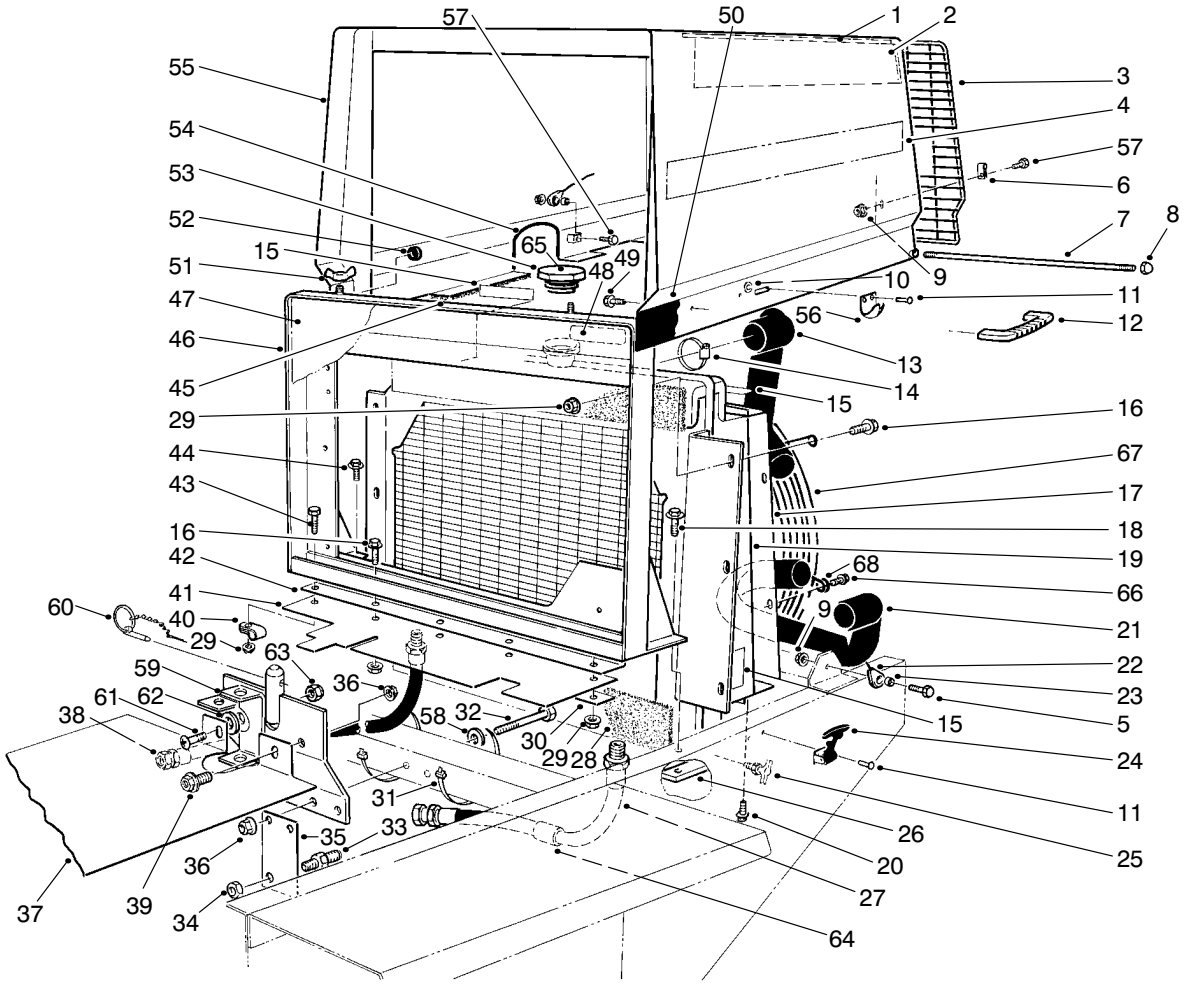
†Obtain Locally



ELECTRICAL SCHEMATIC

Ref. No.	Part No.	Description	No. Used
2	88−1790	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

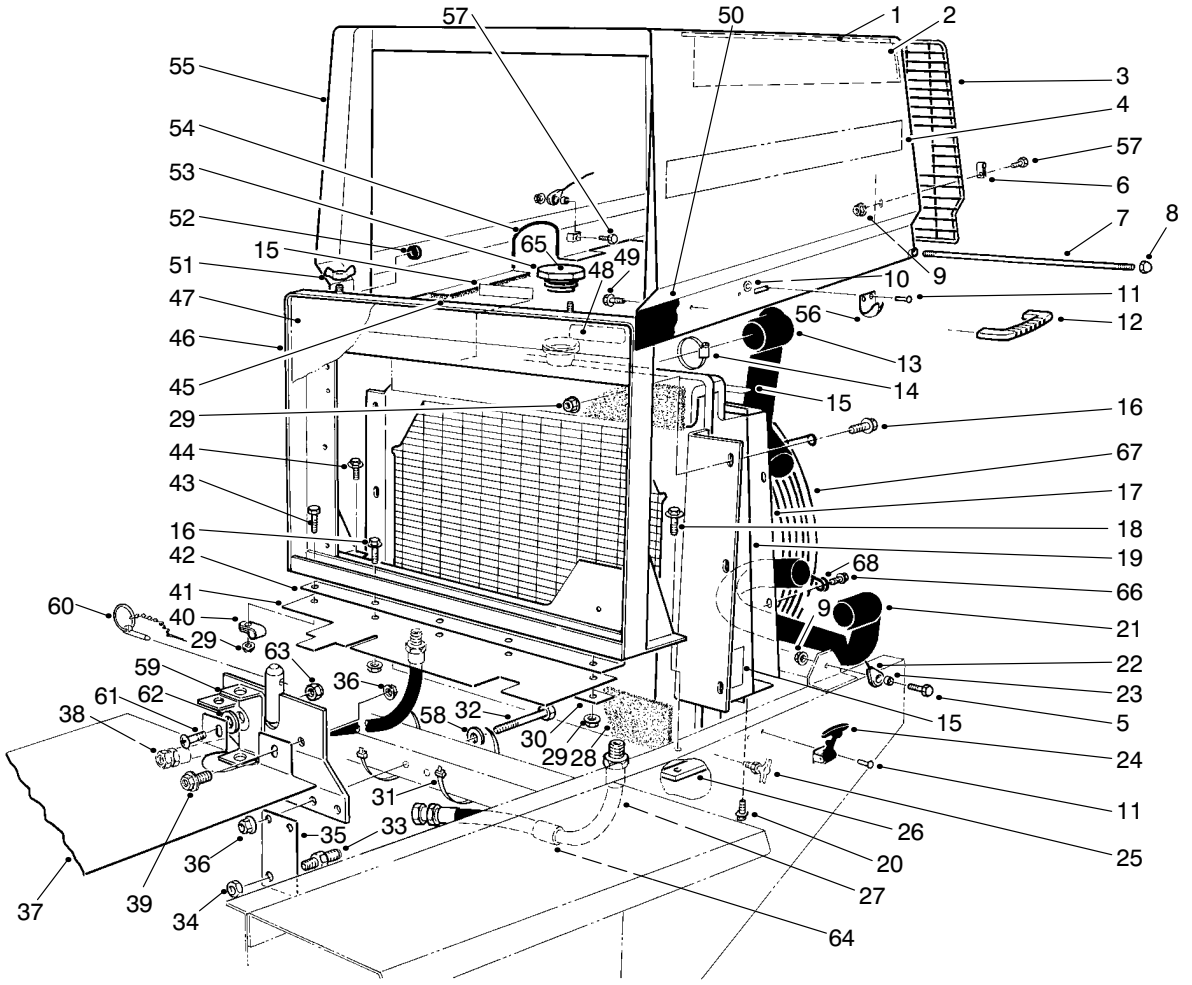


T−1185−1

RADIATOR & HOOD ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	77−5170	Foam − Top	1
2	77−5160	Foam − Side	1
3	67−9000	Screen − Rear	1
4	93−3188	Decal − Groundsmaster	2
5	321−4	Screw − HH	2
6	2412−127	Clamp	4
7	67−8840	Pin − Hinge	1
8	32111−8	Nut − Acorn	2
9	32128−32	Nut − Flange	8
10	3269−10	Washer − Backup	2
11	3290−271	Rivet	4
12	65−5100	Handle − Hood	1
13	43−3350	Hose − Upper Radiator	1
14	2412−3	Clamp − Hose	4
15	93−7272	Decal − Warning	3
16	3234−14	Screw − HHF	11
17	43−3330	Shroud − Radiator	1
18	3234−1	Screw − HHF	2
19	33−2570	Asm. − Radiator	1
20	32104−116	Screw − Tap	4
21	43−7020	Hose − Lower Radiator	1
22	77−3170	Stop − Hood Cable	2
23	77−5250	Spacer − Hood Cable	4
24	249−39	Latch − Flexible Draw	1
25	304−46	Drain Cock	1
26	38−4600	Bar − Frame LH	1

Ref. No.	Part No.	Description	No. Used
27	63−9010	Asm. − Hose, Cooler/Pump	1
28	43−3320	Foam − Radiator	2
29	32128−20	Screw − HHF	11
30	67−8470	Strip − Retainer	1
31	3290−379	Tie − Cable	4
32	323−14	Screw − HH	3
33	340−71	Union − Bulkhead	2
34	340−70	Nut − Lock Bulkhead	2
35	68−9160	Bracket	1
36	32128−21	Nut − Flange	5
37	88−3390	Plate − Sealing	1
38	63−8960	Asm. − Hose, Valve/Cooler	1
39	3234−11	Screw − Flange	1
40	2412−39	Clamp	1
41	67−8570	Strip − Sealing	1
42	43−3340	Plate − Sealing, Grille	1
43	322−6	Screw − HH	1
44	11−0590	Screw − Tap	2
45	82−8950	Foam − Flange Hood	2
46	67−8870	Support − Radiator	1
47	67−9030	Grille	1
48	93−7821	Decal − Radiator Coolant	1
49	46−8091	Screw − Flange	2
50	77−5141	Decal − Hood LH	1
*	77−5151	Decal − Hood RH	1
51	32103−2	Nut − Wing	2



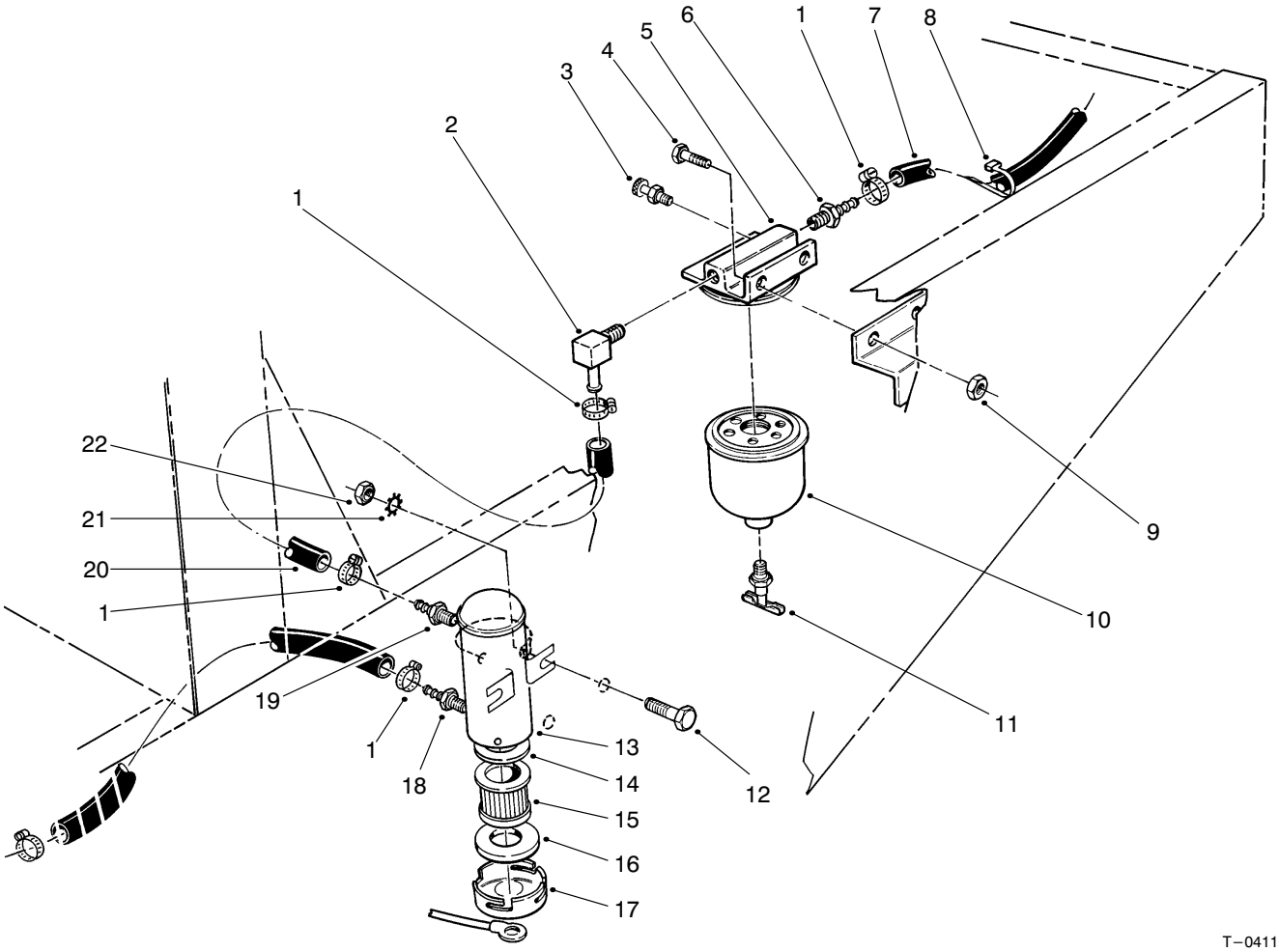
T−1185−1

RADIATOR & HOOD ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
52	237−141	Bumper − Radiator	2
53	66−3240	Cap − Radiator	1
54	66−8111	Trim − Hood Cutout	1
55	14−4149	Hood	1
56	249−40	Keeper	1
57	3274−69	Screw − Socket Hd.	6
58	5−0838	Washer − Flat	3
59	86−9410	Bracket − Seat Support	1
60	283−76	Pin − Lynch	1

Ref. No.	Part No.	Description	No. Used
61	32122−16	Screw − Truss Hd.	1
62	88−3370	Spacer − Sealing Plate	1
63	3296−59	Nut − Lock	1
64	38−3400	Guard − Rubber	1
65	93−7840	Decal − Radiator Cap	1
66	32104−109	Screw − Hex. Hd.	4
67	93−9729	Guard − Fan	1
68	3256−22	Washer − Flat	4

*Not Illustrated



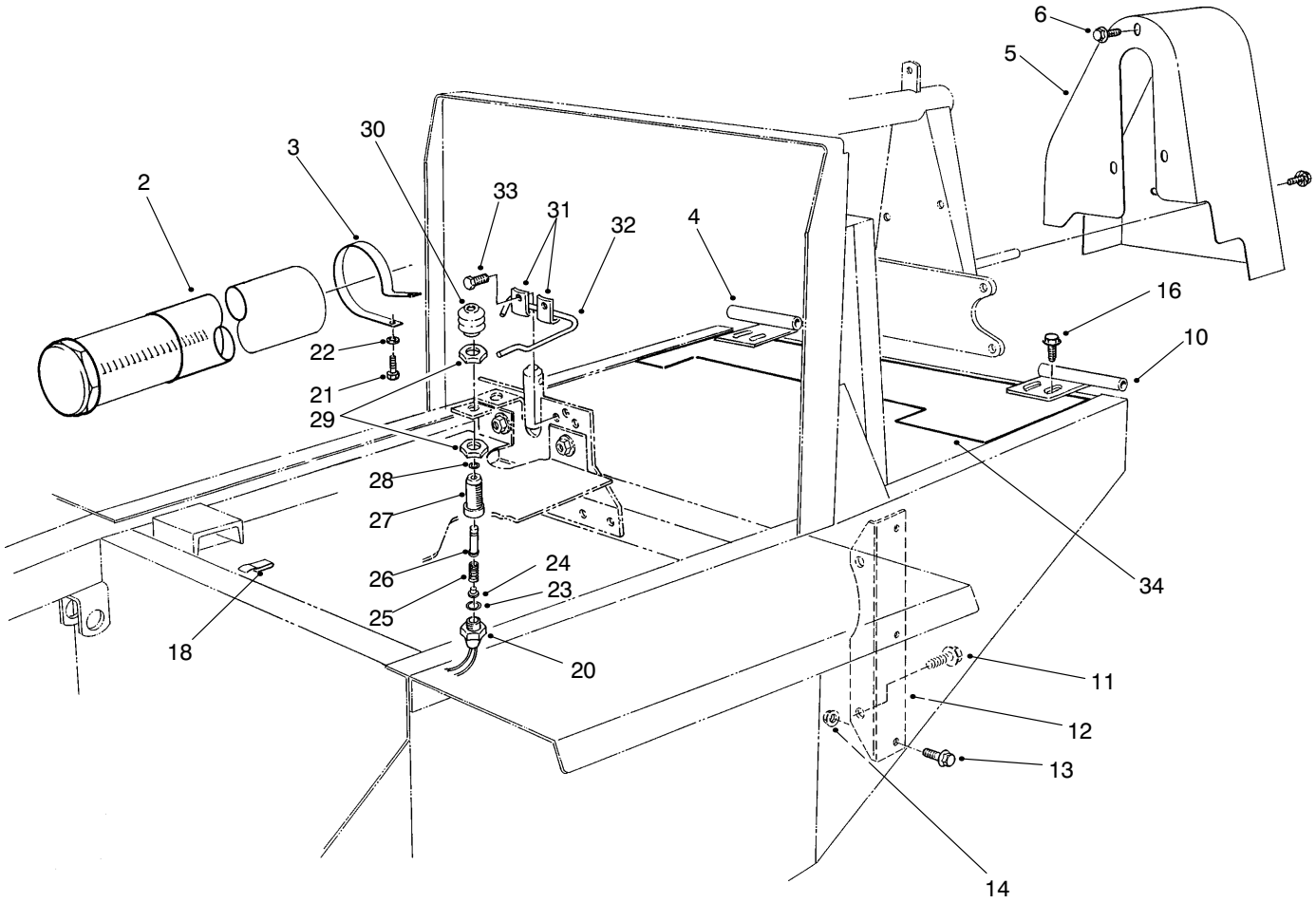
T−0411−1

FUEL FILTER ASSEMBLY

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

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

*Not Illustrated



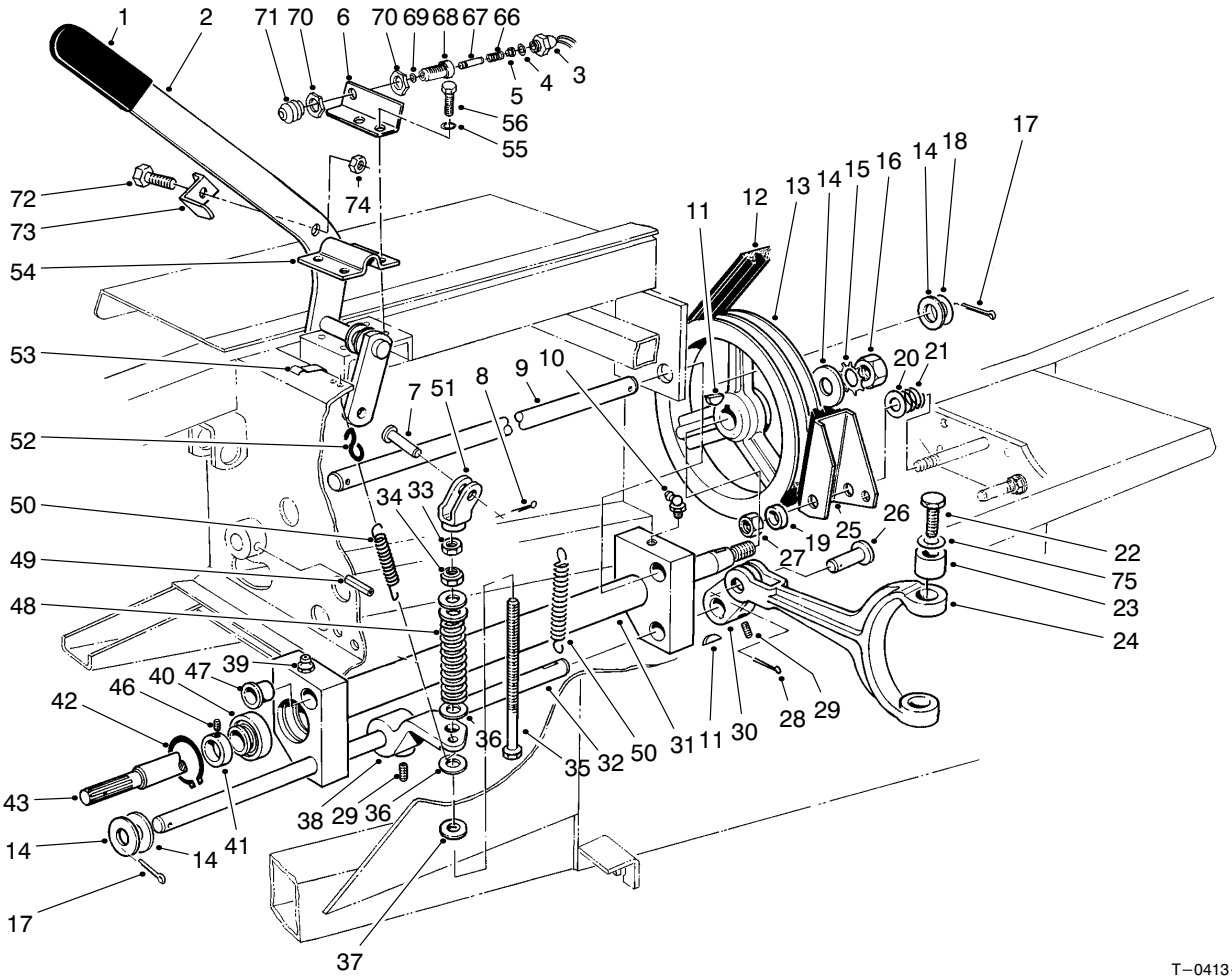
T−1186−1

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

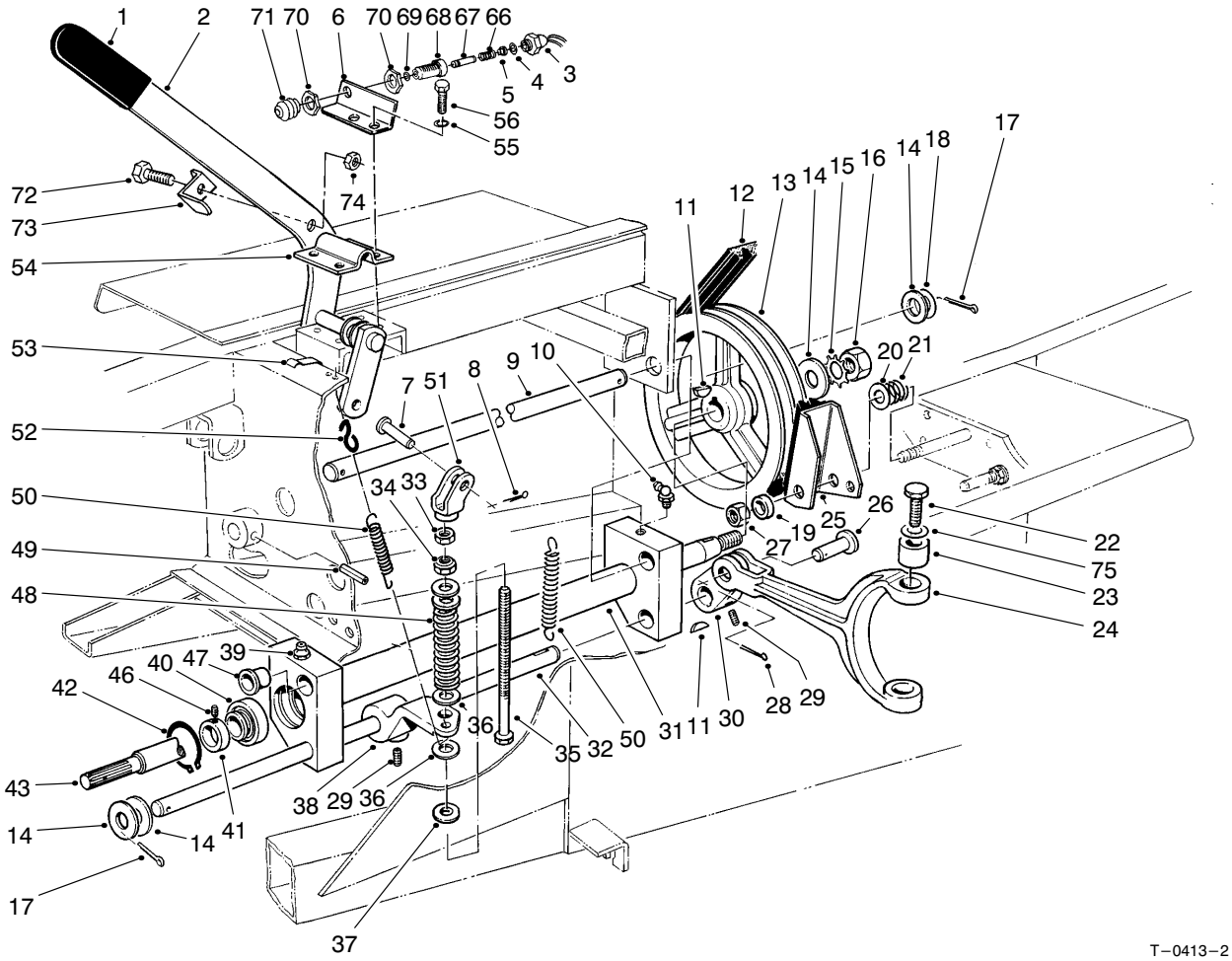


T−0413−2

POWER TAKE OFF (PTO) ASSEMBLY

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

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

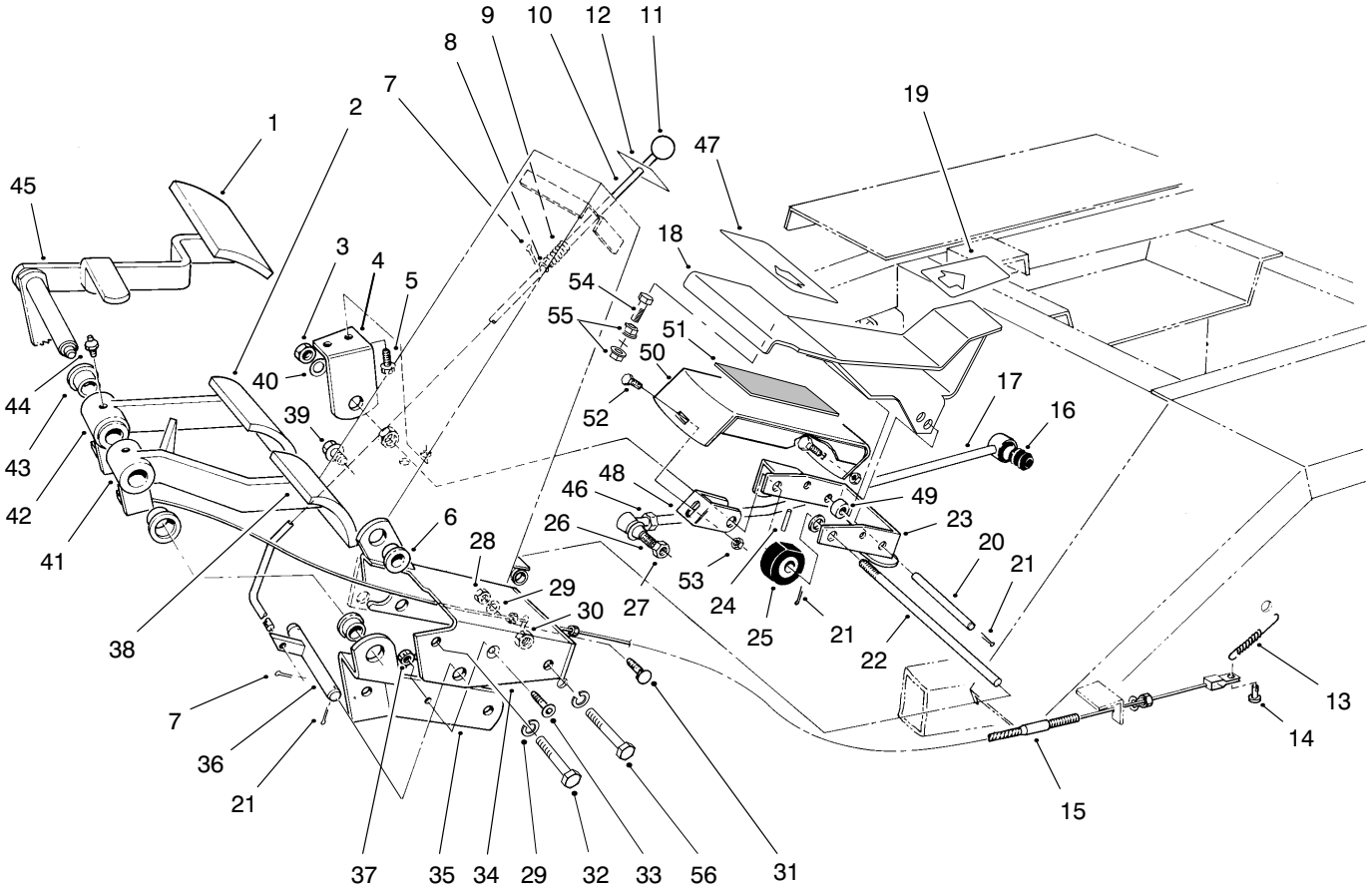


POWER TAKE OFF (PTO) ASSEMBLY (Continued)

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



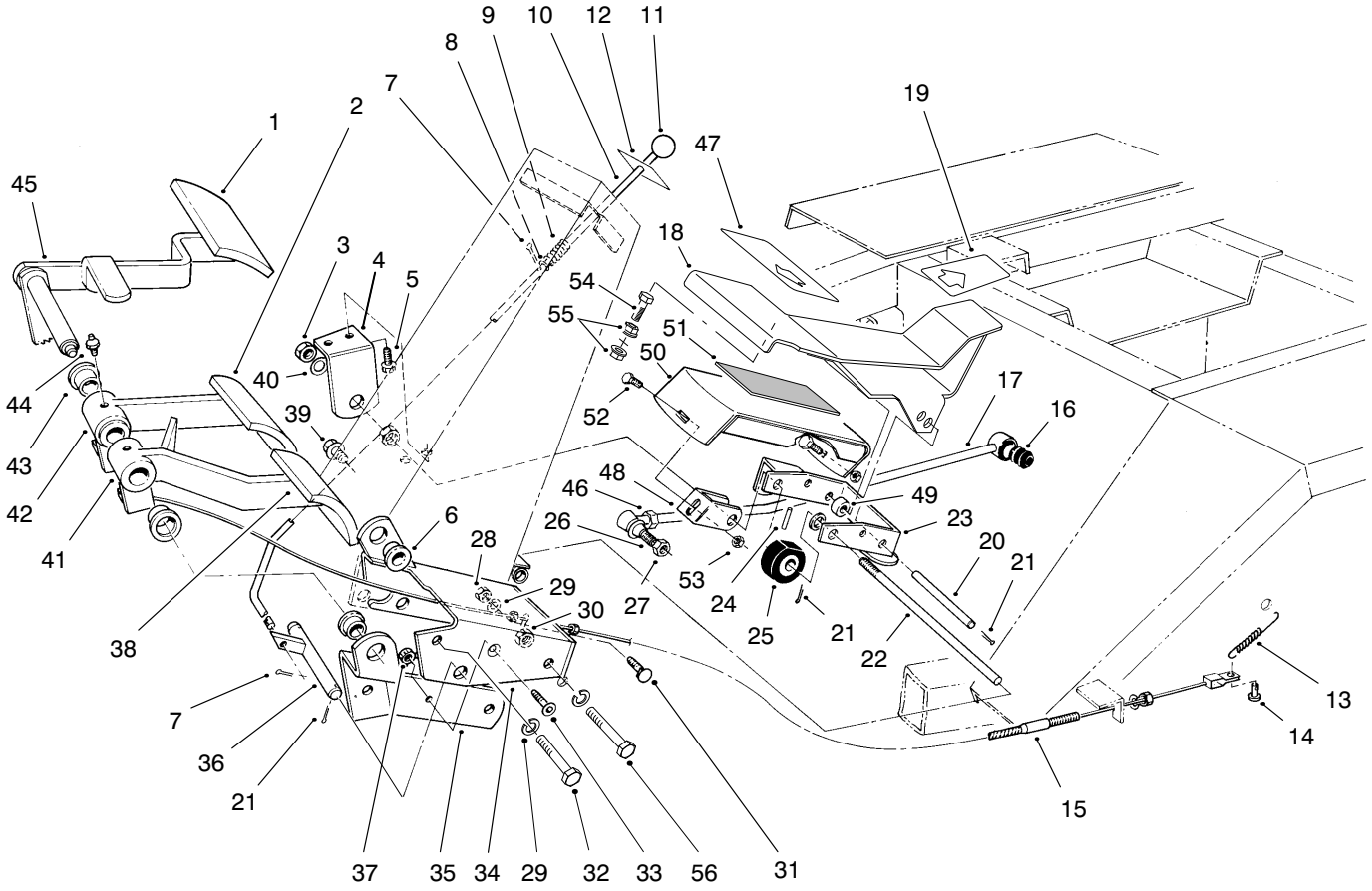
T−0415−4

BRAKE PEDAL ASSEMBLY

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

Ref. No.	Part No.	Description	No. Used
25	28−5220	Wheel − Friction	1
26	21−0141	Asm. − Socket, R.H.	1
27	3220−3	Nut − Jam	1
28	3217−7	Nut − Hex	2
29	3253−21	Washer − Lock	4
30	32153−2	Nut − Lock	2
31	3231−21	Bolt − Carriage	2
32	323−13	Screw − HH	1
33	3274−47	Screw − HSFH	1
34	27−7590	Mount − Brake	1
35	27−9270	Mount − Brake Pivot Shaft	1
36	27−7640	Shaft − Brake Latch	1
37	32149−2	Nut	1
39	3234−11	Screw − HH	3
40	3256−26	Washer − Flat	1
41	27−7490	Pedal − L.H. Brake (Incl. Ref. #43)	1
42	27−7510	Pedal − R.H. Brake (Incl. Ref. #43)	1
43	256−10	Bushing	4
44	302−5	Fitting − Grease	2
45	27−8550	Pedal − Parking Bake	1
46	3220−5	Nut − Jam	1
47	94−3307	Pad − Front Pedal	1
48	88−1680	Bracket − Footrest	1
49	88−0470	Tube − Pedal, Spacer	1

*Not Illustrated

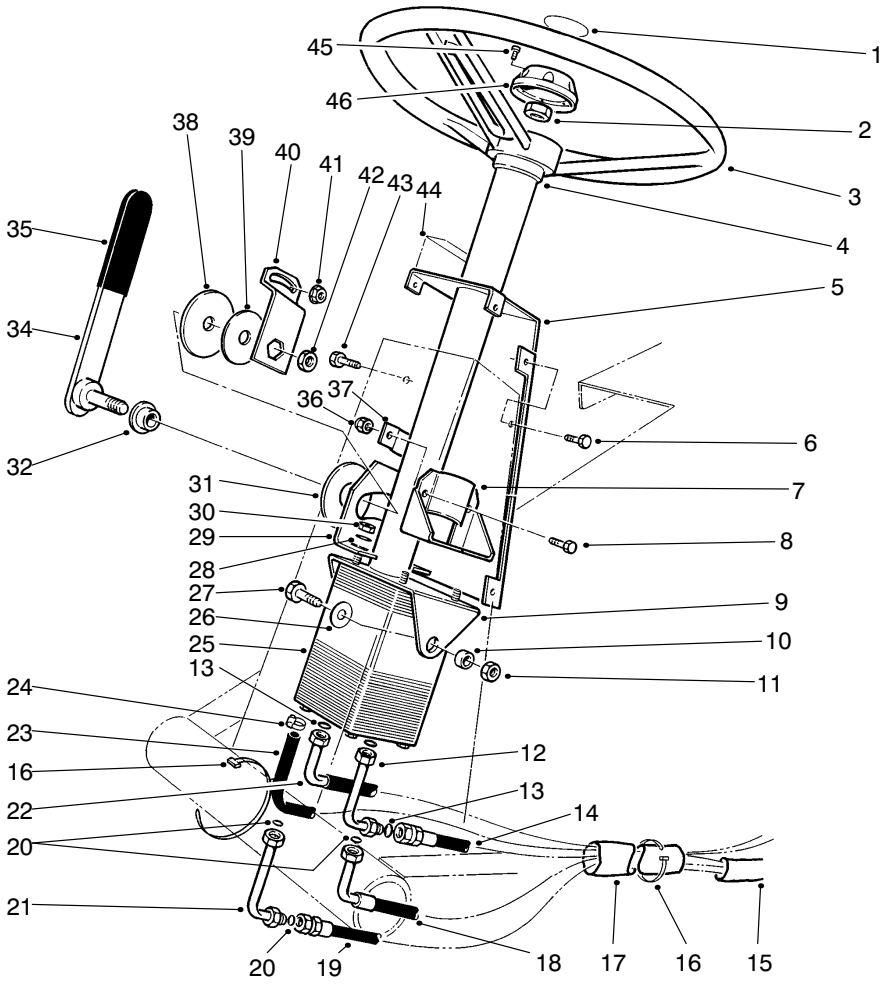


T−0415−4

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

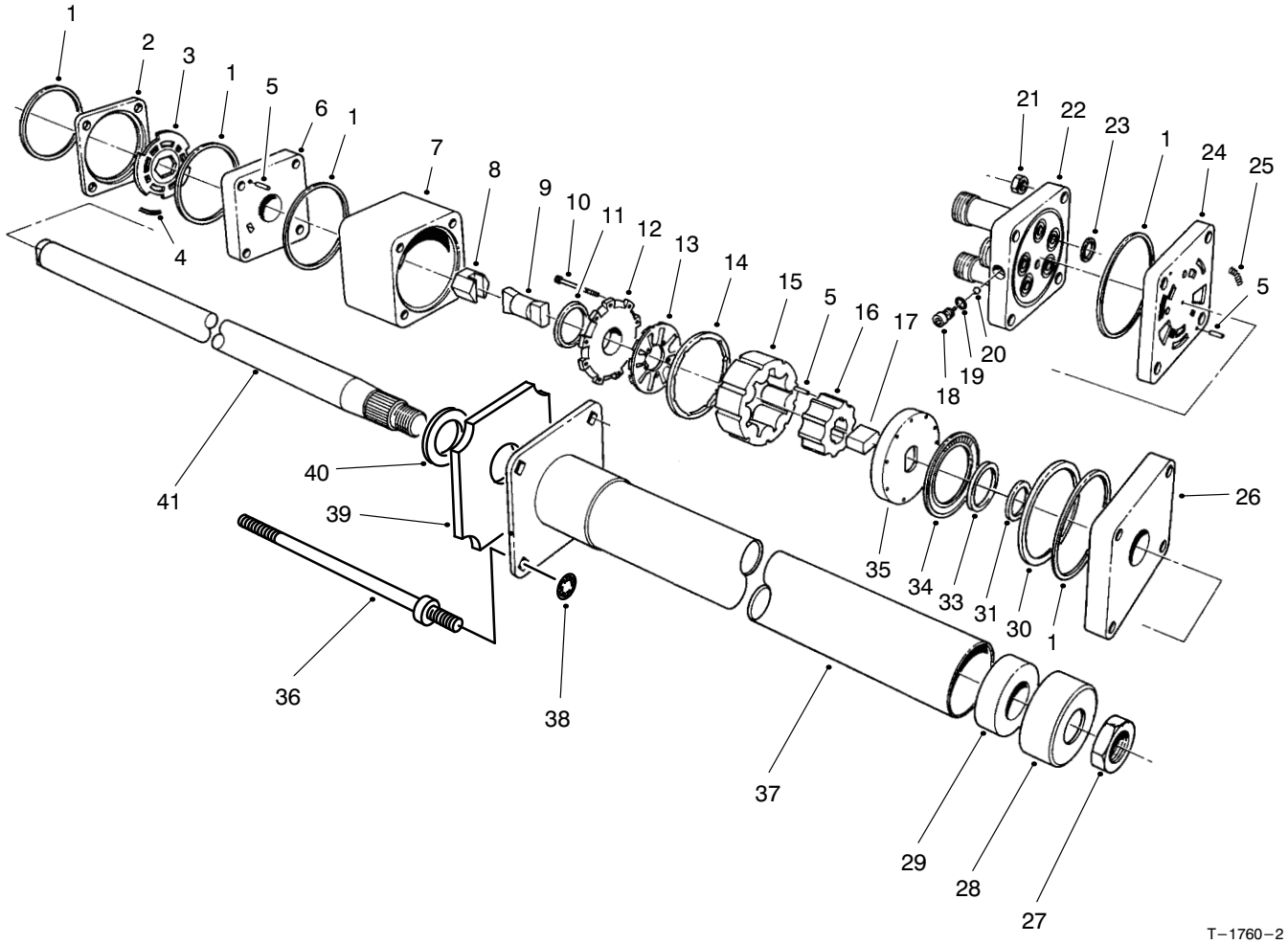


T−1187−2

POWER STEERING ASSEMBLY

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

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



T−1760−2

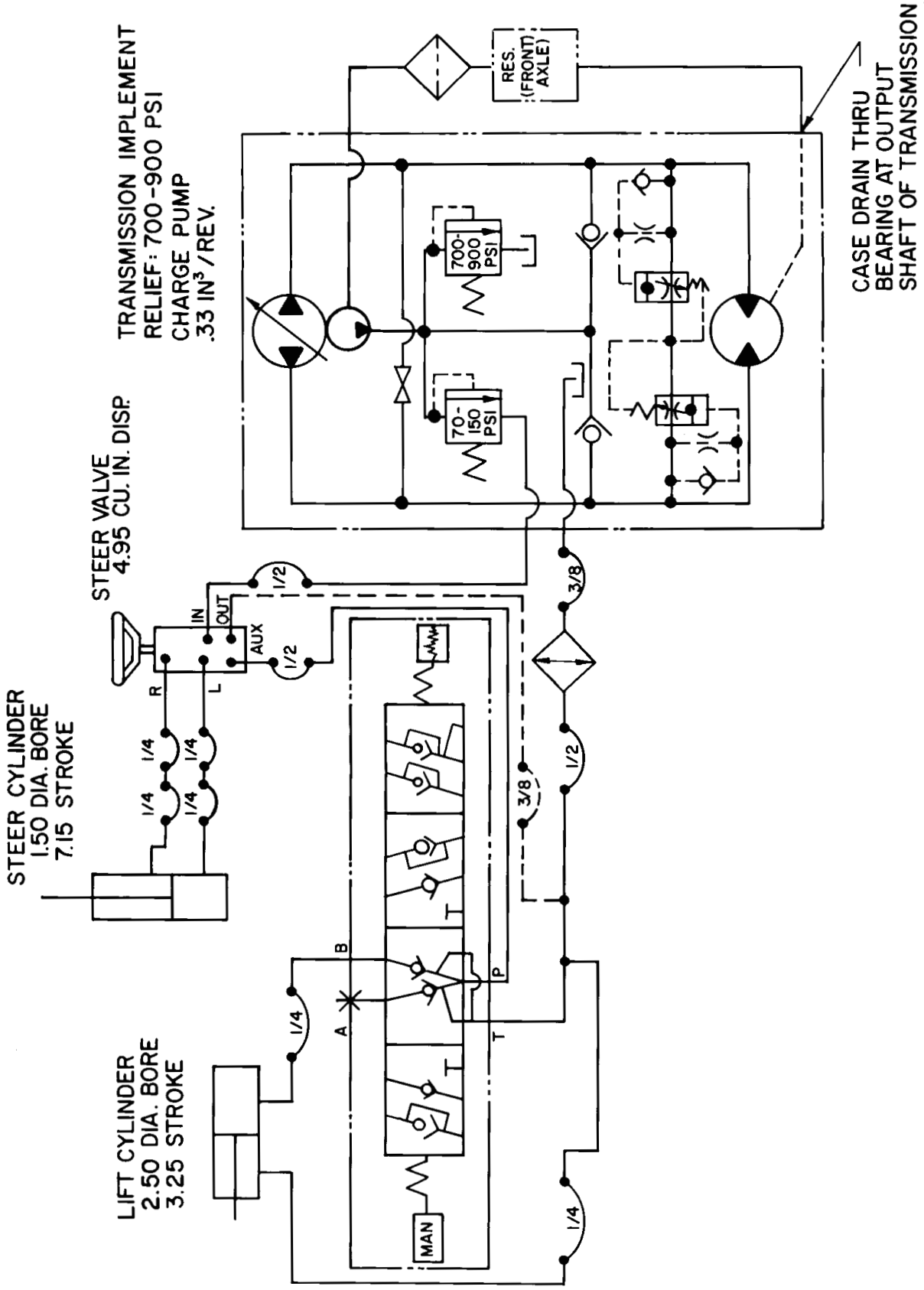
POWER STEERING VALVE ASSEMBLY NO. 92−7308

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

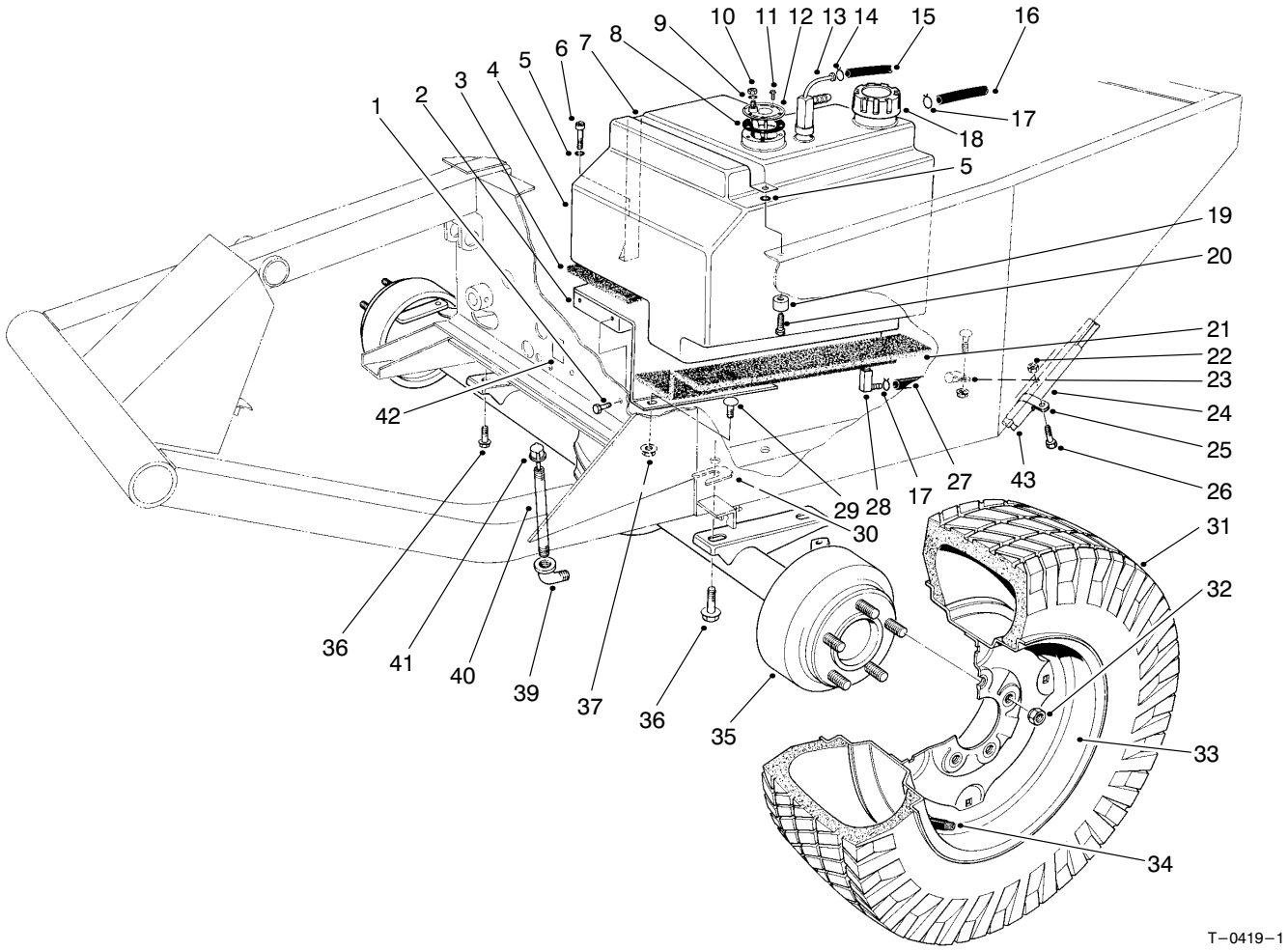
Ref. No.	Part No.	Description	No. Used
26		Plate − Upper Cover	1
27	3220−6	Nut	1
28	92−7315	Seal	1
29	66−9780	Bushing	1
30		Spacer − Thrust Bearing	1
31		Spacer − Seal	1
33		Seal − Face	1
34		Bearing − Thrust	1
35		Plate − Drive	1
36	92−7310	Bolt − Special	4
37		Upper Cover & Jacket	1
38	92−7316	Nut − Push On	4
39	92−7317	Foam	1
40		Washer − Retaining	1
41		Shaft − Input	1
*	66−9970	Spring Kit (Incl. Ref. #4 & 25)	1
*	66−9980	Seal Kit (Incl. Ref. #1, 11, 19, 23 & 33)	1
*	66−9990	Needle Roller Kit (Incl. Ref. #5)	1
*	92−7314	Asm. − Column (Incl. Ref. #27−29 & 37−41)	1

*Not Illustrated

HYDRAULIC SCHEMATIC



T–0418–1

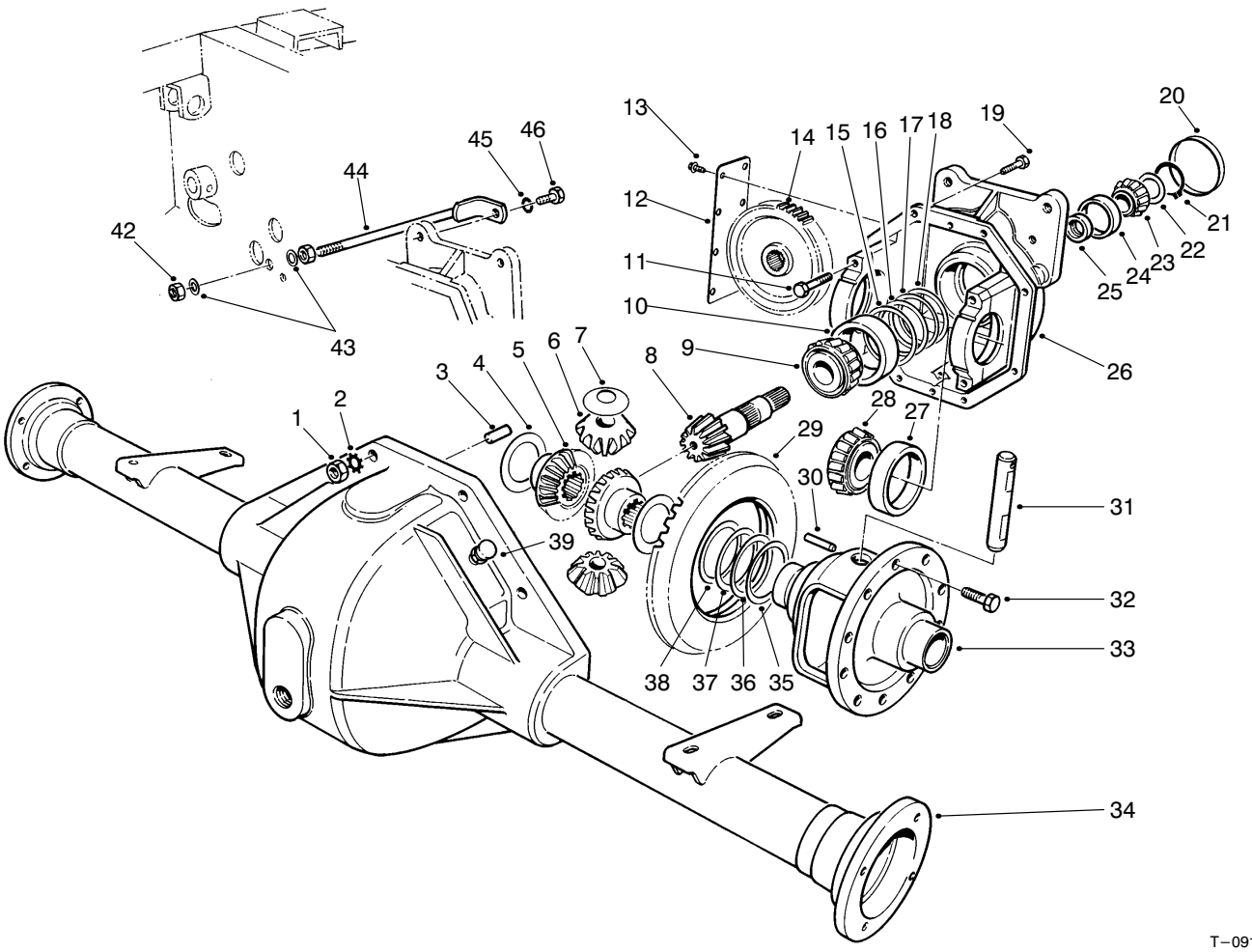


FRONT AXLE & FUEL TANK ASSEMBLY

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



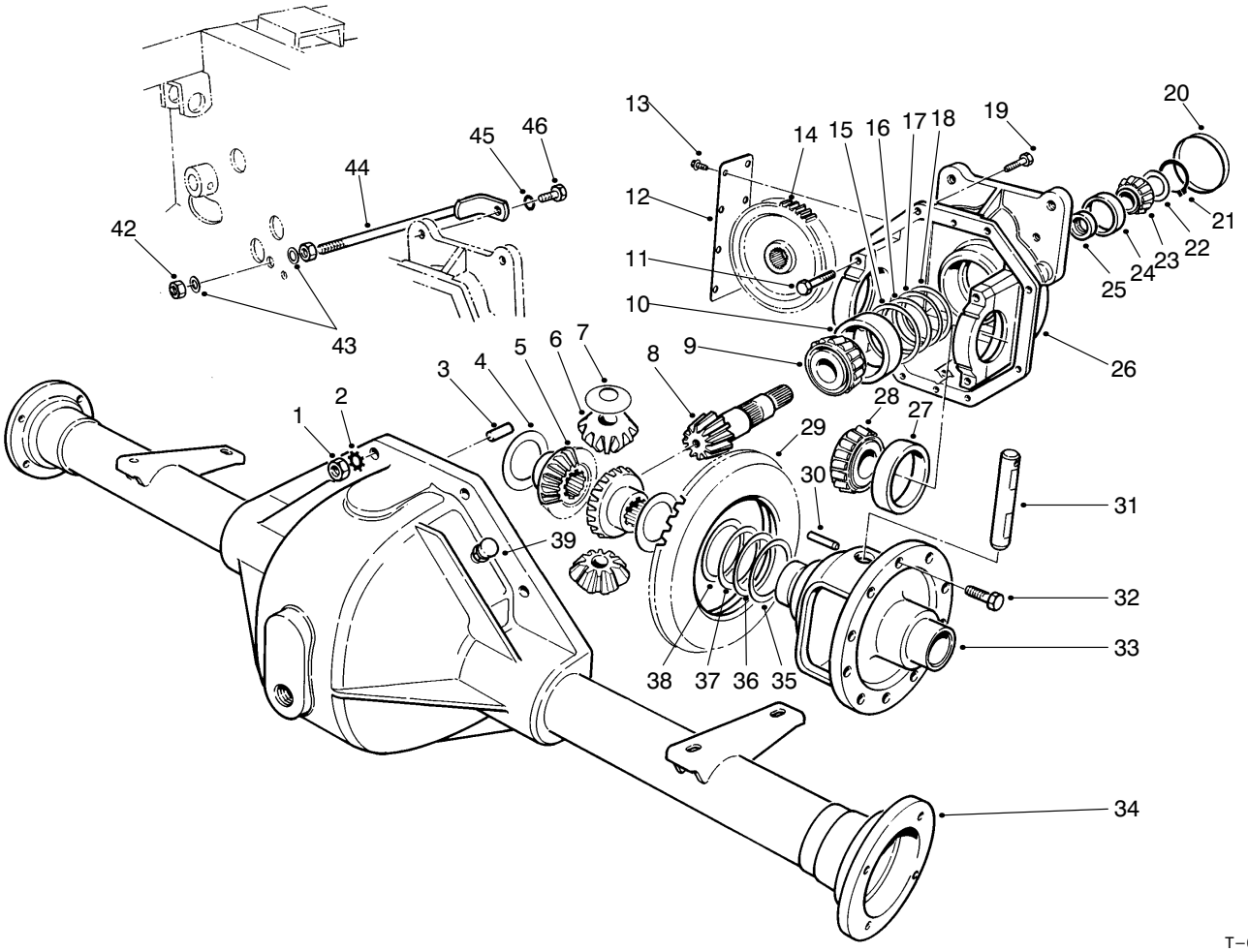
T−0919−2

DIFFERENTIAL ASSEMBLY NO. 86−9600

Ref. No.	Part No.	Description	No. Used
1	3219−2	Nut	8
2	3255−8	Washer − Lock	8
3	21−8270	Pin − Dowel	2
4	21−7720	Washer − Thrust	2
5	24−8790	Differential Bevel Gear Side	2
6	21−7690	Pinion Gear	2
7	21−7730	Washer − Thrust	2
8		Drive Pinion (Incl. Ref. #29)	1
9	43−6760	Roller Bearing Cone	1
10	43−6750	Roller Bearing Cup	1
11	92−1773	Screw − HH	4
12	21−7830	Gear Cover	1
13	12−5450	Thread Forming Screw	8
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

Ref. No.	Part No.	Description	No. Used
*22	46−2212	Shim − Front Pinion Bearing (.035)	A/R
*	46−2213	Shim − Front Pinion Bearing (.037)	A/R
*	46−2214	Shim − Front Pinion Bearing (.039)	A/R
*	46−2215	Shim − Front Pinion Bearing (.041)	A/R
*	46−2216	Shim − Front Pinion Bearing (.043)	A/R
*	46−2220	Shim − Front Pinion Bearing (.045)	A/R
*	46−2221	Shim − Front Pinion Bearing (.047)	A/R
*	46−2222	Shim − Front Pinion Bearing (.049)	A/R
*	46−2223	Shim − Front Pinion Bearing (.051)	A/R
*	46−2224	Shim − Front Pinion Bearing (.053)	A/R
*	46−2225	Shim − Front Pinion Bearing (.055)	A/R
*	46−2226	Shim − Front Pinion Bearing (.057)	A/R
*	46−2410	Shim − Front Pinion Bearing (.062)	A/R

*Not Illustrated

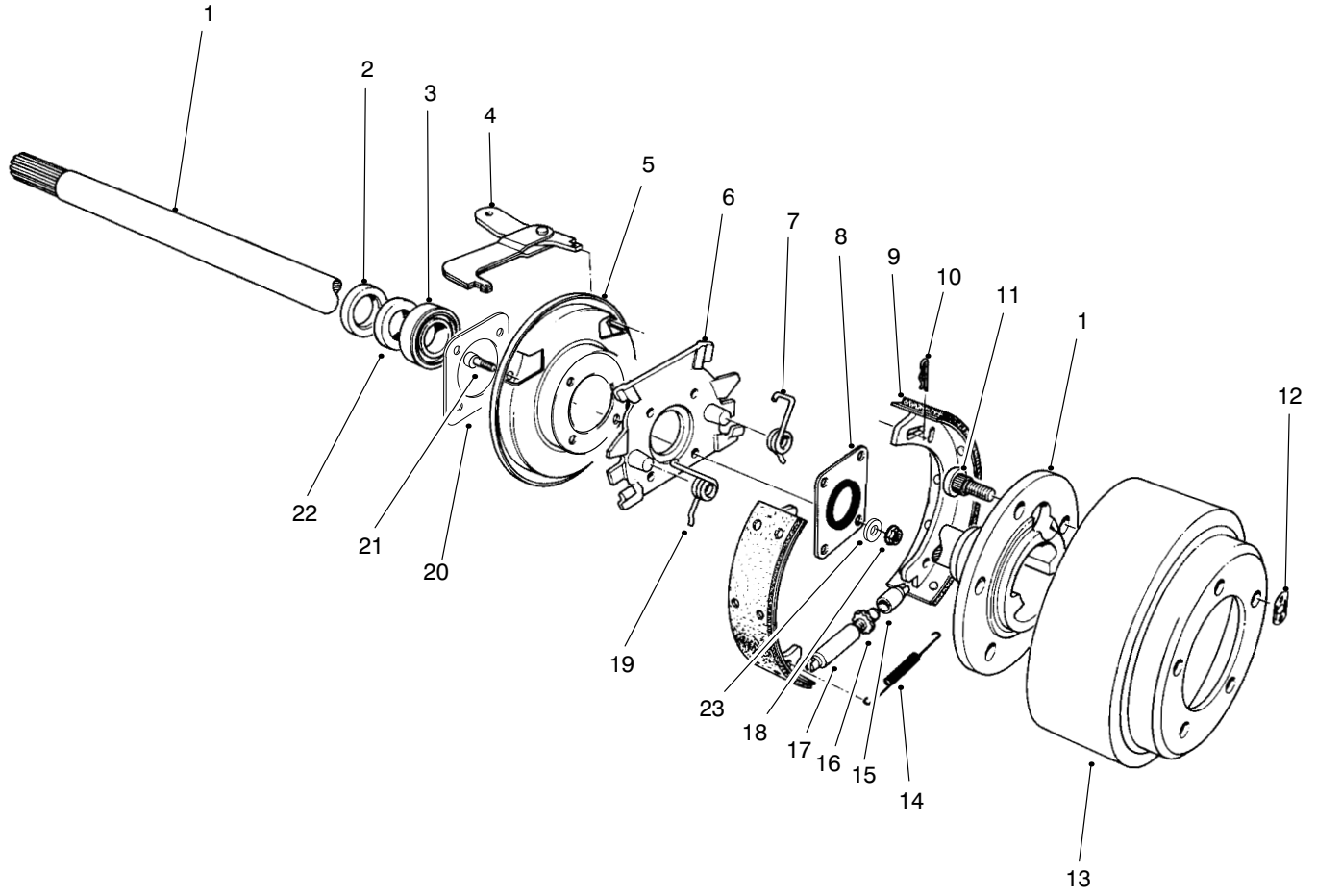


T−0919−2

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
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
*	92−4903	Asm. − Upper Hsg. 2WD (Incl. Ref. #4−33 & 35−38)	1
*	92−4848	Asm. − Gear & Pinion (Incl. Ref. #8 & 29)	1

*Not Illustrated



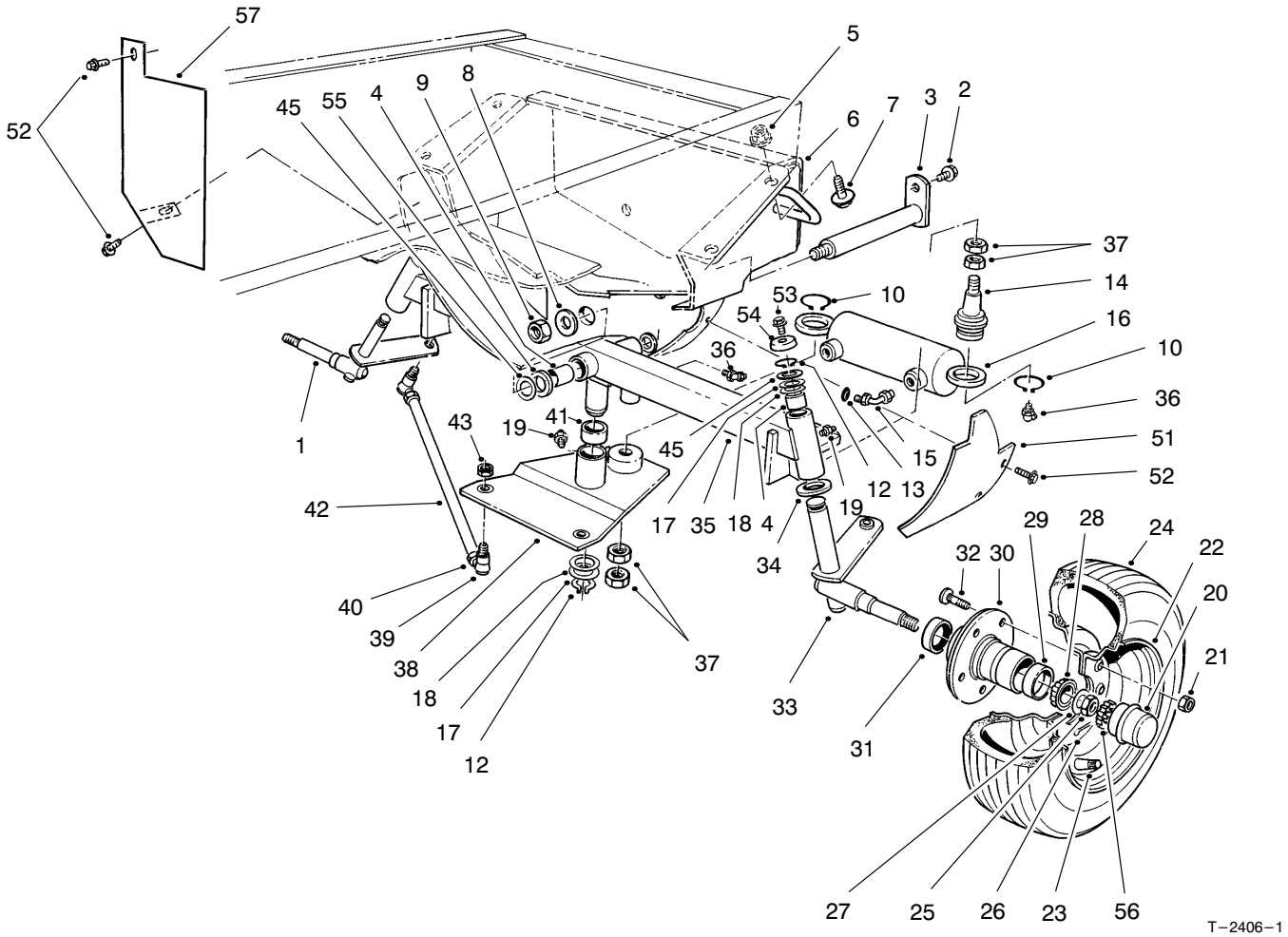
T – 0421 – 3

BRAKE ASSEMBLY

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

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

*Not Illustrated

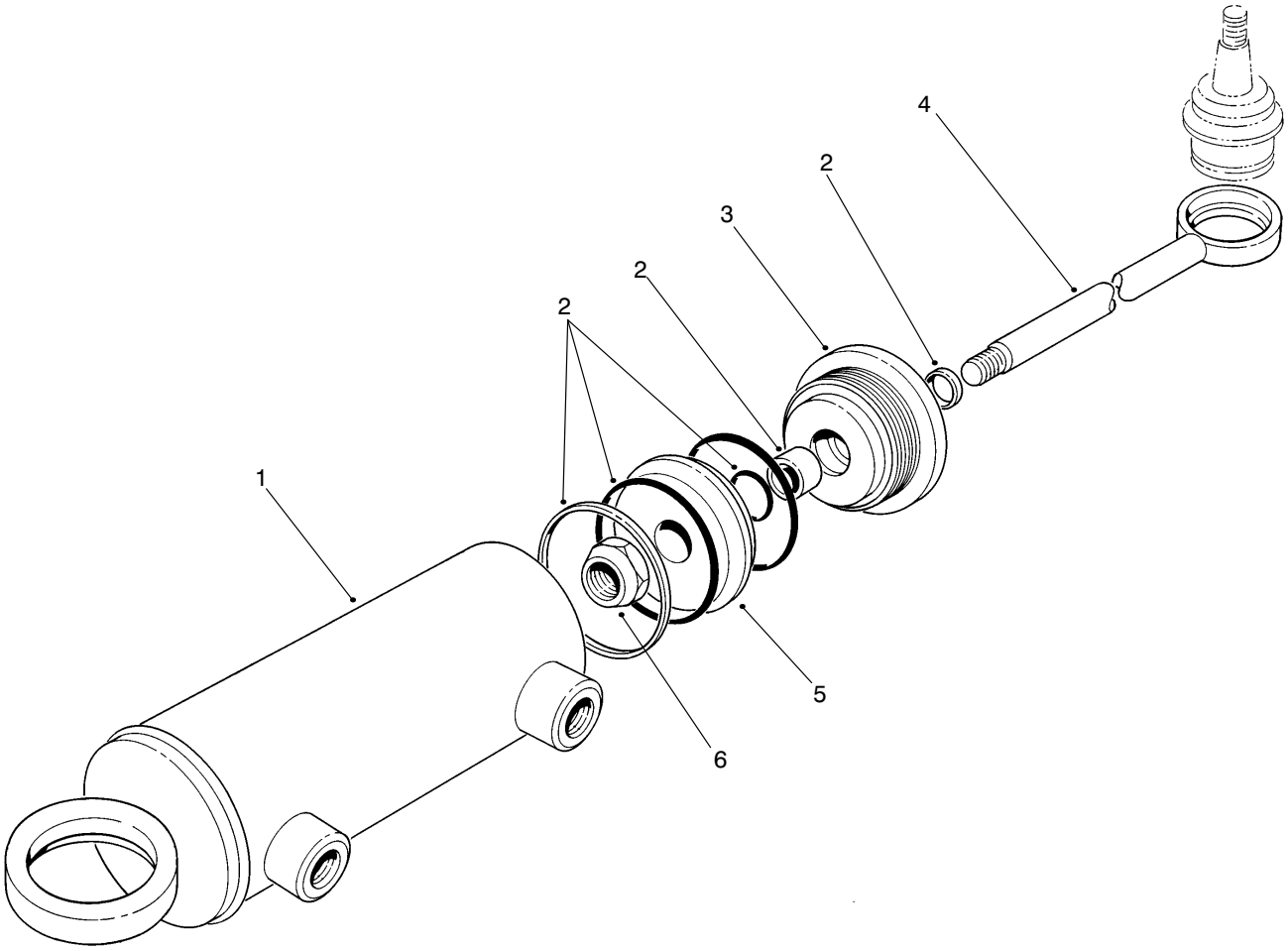


REAR AXLE & WHEEL ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	93−3199	Asm. − Spindle R.H.	1
2	32144−14	Screw − Tap	1
3	92−7807	Pin − Rear Axle	1
4	67−1750	Bushing	6
5	32128−23	Nut − Flange	4
6	92−7803	Support − Axle	1
7	3234−32	Screw − HHF	4
8	71−4540	Washer − Thrust	A/R
9	32146−20	Nut − Lock	1
10	32151−104	Ring − Retaining	2
11	302−40	Fitting − Grease	2
12	32151−36	Ring − Retaining	3
13	237−22	O−Ring	1
14	92−5938	Ball Joint	2
15	340−54	Fitting 45°	2
16	92−7828	Cylinder − Hydraulic	1
17	5−1226	Washer	3
18	10−8110	Washer − Thrust	A/R
19	302−5	Fitting − Grease	3
20	241−119	Dust Cap	2
21	242−50	Nut − Wheel	10
22	217−106	Wheel	2
23	232−31	Valve Stem w/Cap	2
24	231−105	Tire	2
25	3220−7	Nut − Jam	2
26	3272−13	Pin − Cotter	2
27	93−0309	Washer − Tab	2
28	254−94	Cone − Bearing	4

Ref. No.	Part No.	Description	No. Used
29	254−72	Cup − Bearing	4
30	21−2820	Hub Wheel (Incl. Ref. #29 & 32)	2
31	253−129	Closure	2
32	10−6830	Stud − Drive	10
33	93−3198	Asm. − Spindle L.H.	1
34	256−121	Bushing − Thrust	2
35	92−7816	Axle − Rear (Incl. Ref. #4)	1
36	302−11	Fitting − Grease	1
37	3220−6	Nut − Jam	4
38	92−7821	Steering Pivot (Incl. Ref. #41)	1
39	21−0141	Asm. − Socket R.H. Thd.	2
*	21−0151	Asm. − Socket L.H. Thd.	2
40	3220−5	Nut − Jam R.H. Thd.	2
*	3220−12	Nut − Jam L.H. Thd.	2
41	256−242	Bushing	2
42	21−1990	Asm. − Tie Rod	2
43	3220−3	Nut − Jam	8
45	56−2460	Washer	A/R
51	93−7042	Cover − Flywheel Guard	1
52	32144−10	Screw − Tap	4
53	3234−13	Screw − HHF	2
54	66−2990	Cap − Spindle	2
55	92−7845	Spacer − Hardened	1
56	93−0307	Retainer − Nut, Lock	2
57	93−8738	Guard − Flywheel	1

*Not Illustrated

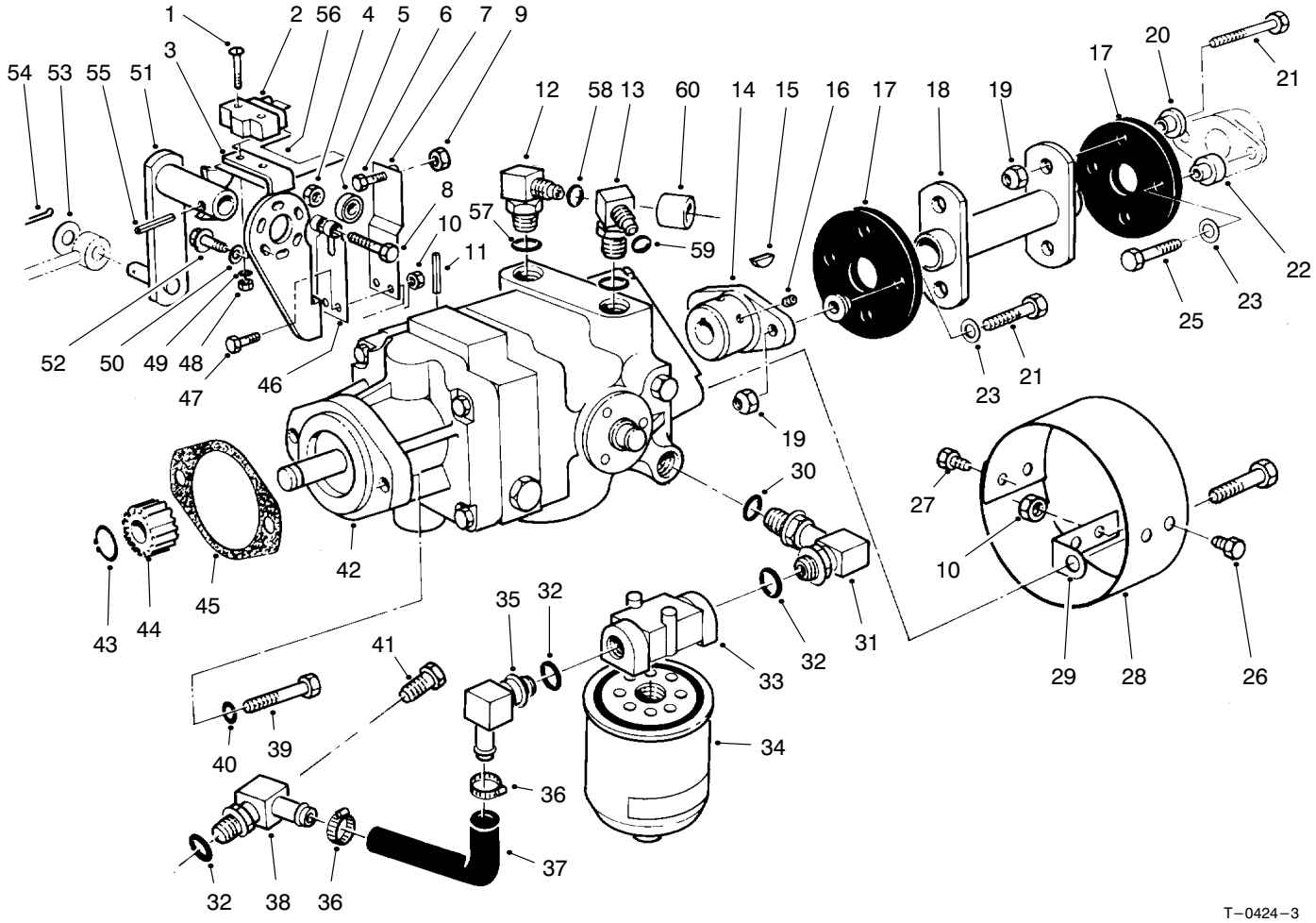


T−1761−2

HYDRAULIC CYLINDER NO. 92−7828

Ref. No.	Part No.	Description	No. Used
1		Asm. − Tube	1
2	92−6593	Seal Kit	1
3	92−6588	Gland	1

Ref. No.	Part No.	Description	No. Used
4		Asm. − Piston Rod	1
5	66−1940	Piston	1
6	66−1930	Nut − Lock	1

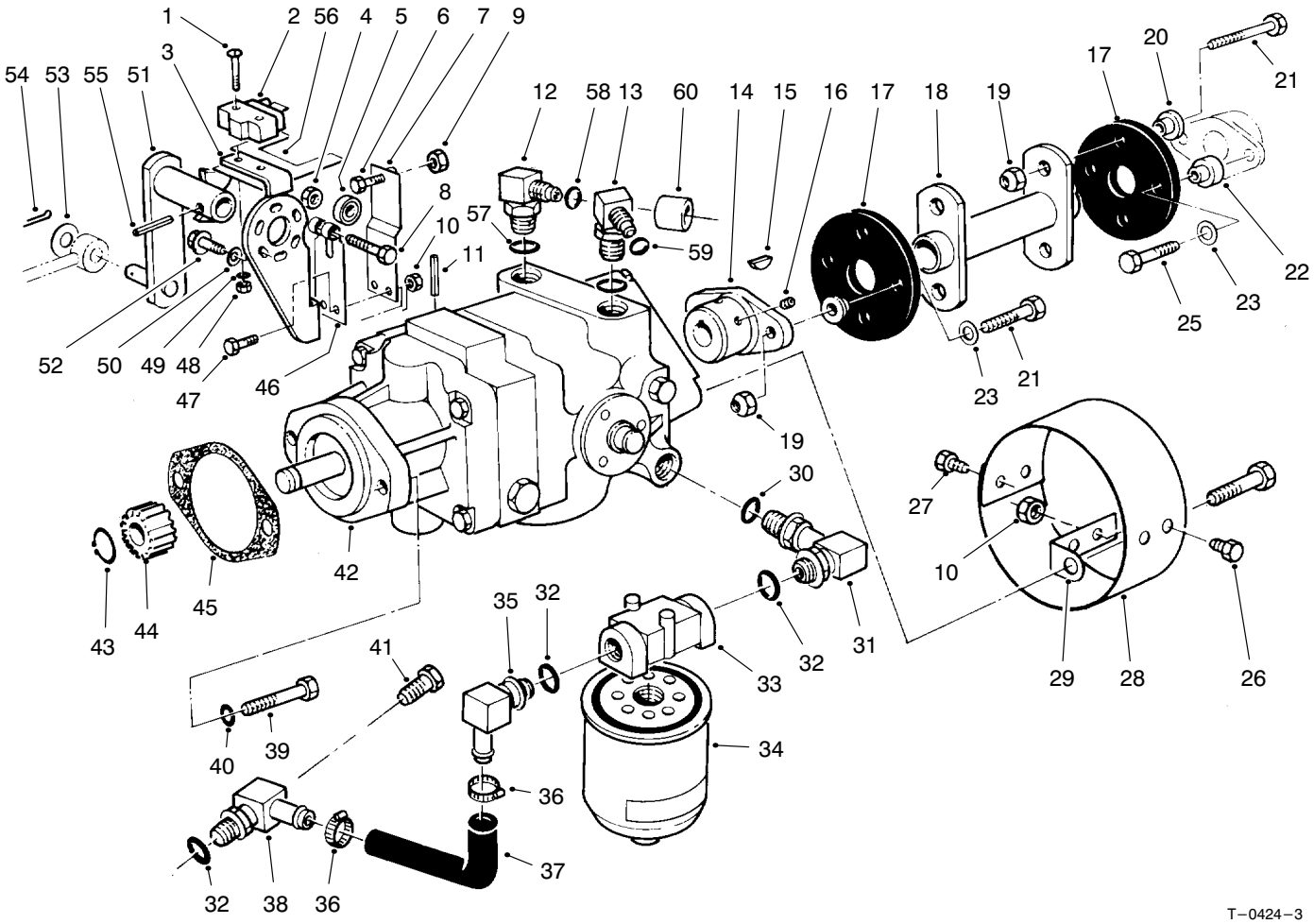


T−0424−3

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

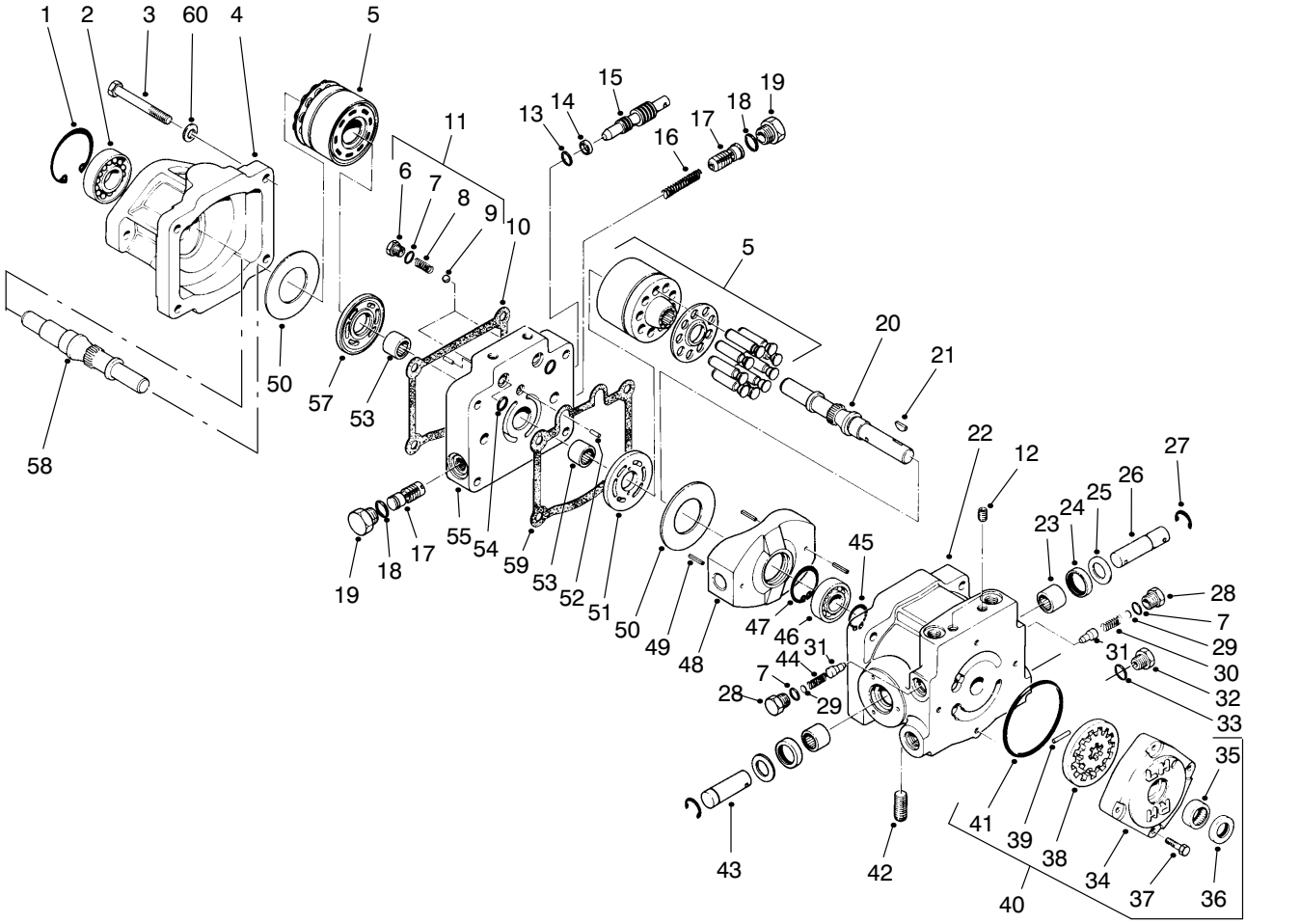
TRANSMISSION INSTALLATION ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
54	3272−10	Pin − Cotter	1
55	32121−24	Pin − Roll	1
56	46−8810	Stop − Leaf Spring	1
57	237−42	O−Ring	2
58	237−22	O−Ring	1

Ref. No.	Part No.	Description	No. Used
59	237−30	O−Ring	1
60	38−3400	Guard − Rubber	1
*	95−3092	400 Hour Filter Kit (Incl. Ref. #34)	1

*Not Illustrated

3317−145 REV D

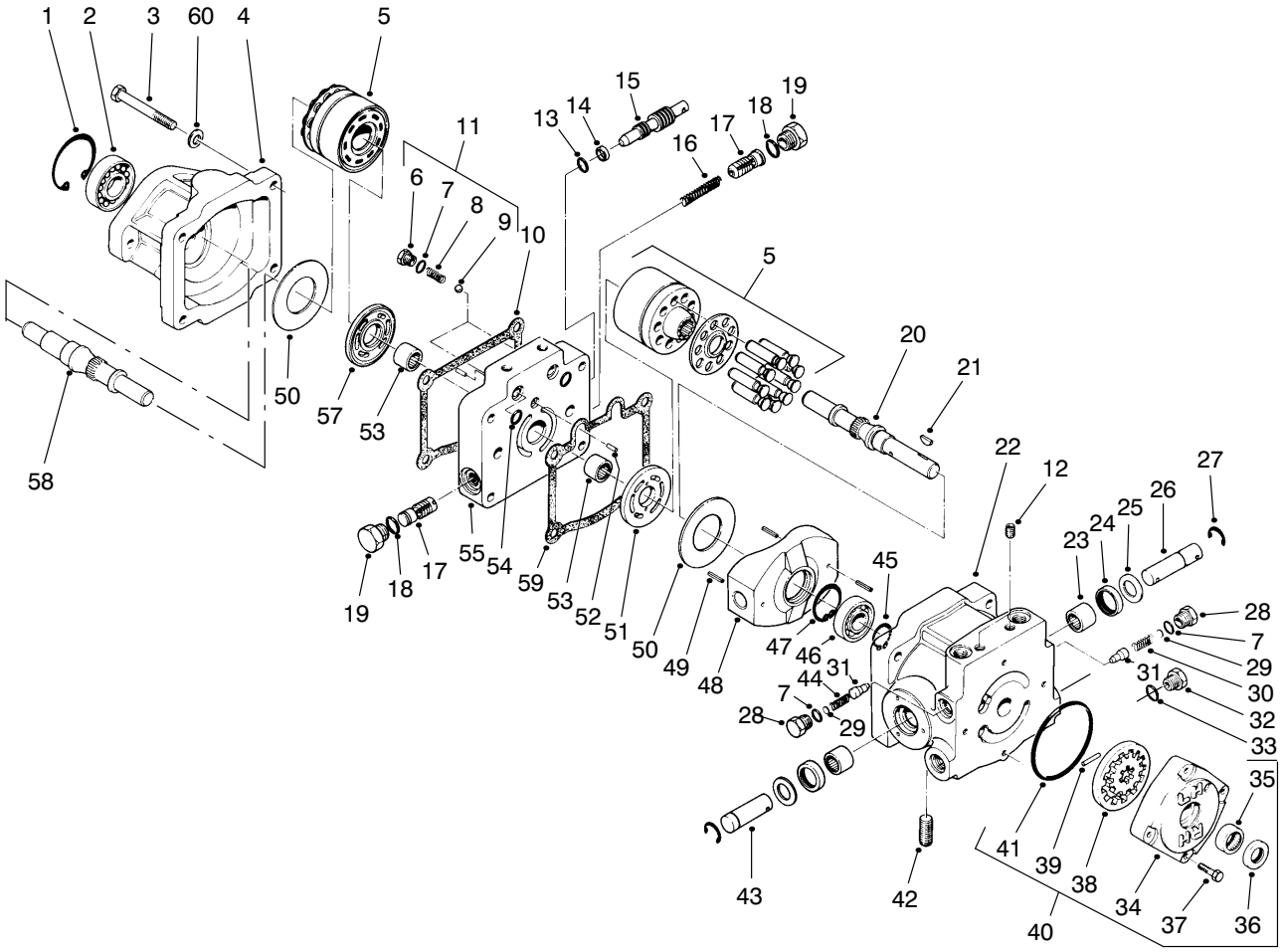


T−0425−2

TRANSMISSION ASSEMBLY NO. 92−8947

Ref. No.	Part No.	Description	No. Used
1	32120−8	Ring − Retaining	1
2	72−3750	Bearing − Ball	1
3	323−56	Screw − HH	4
4	67−9080	Housing − Motor	1
5	48−1800	Kit − Cylinder Block	2
6	25−2650	Plug − Check Valve	2
7	237−86	O−Ring	4
8	25−2640	Valve Spring	2
9	25−2490	Ball	2
10	67−9100	Gasket	1
11	25−3180	Kit − Check Valve (Incl. Ref. #6−9)	2
12	285−17	Plug − Pipe	2
13	237−22	O−Ring	1
14	25−2630	Back−Up Ring	1
15	25−2620	By−Pass Valve	1
16	25−2610	Accel. Valve Spring	1
17	25−2410	Asm. − Accel. Valve	2
18	76−1900	O−Ring	2
19	353−550	Plug − HH	2
20	67−8020	Pump Shaft	1
21	3257−32	Key − Woodruff	1
22	54−7890	Housing − Pump (Incl. Ref. #12 & 23−25)	1
23	252−82	Bearing − Needle	2
24	25−3210	Seal − Lip	2

Ref. No.	Part No.	Description	No. Used
25	25−2510	Washer − Flat	2
26	25−2580	Shaft − Trunnion	1
27	32151−46	Ring − Retaining	2
28	25−2460	Plug − HH	2
29	25−2470	Shim Pack	2
30	25−2570	Valve Spring	1
31	25−2560	Cone − Relief Valve	2
32	353−551	Plug − HH	1
33	237−80	O−Ring	1
34	25−2550	Housing − Charge Pump	1
35	67−8050	Bearing − Needle	1
36	93−4133	Seal − Lip	1
37	322−4	Screw − HH	4
38	25−2680	Asm. − Gerotor	1
39	25−2530	Headless Straight Pin	1
40	25−3190	Charge Pump (Incl. Ref. #34−39 & 41)	1
41	237−95	O−Ring	1
42	67−9090	Plug	1
43	25−2500	Shaft − Trunnion	1
44	25−2480	Valve Spring	1
45	32120−15	Ring − Retaining	1
46	251−8	Bearing − Ball	1
47	32120−11	Ring − Retaining	1
48	25−2450	Variable Swashplate	1
49	32121−91	Pin − Coil ,Spring	3

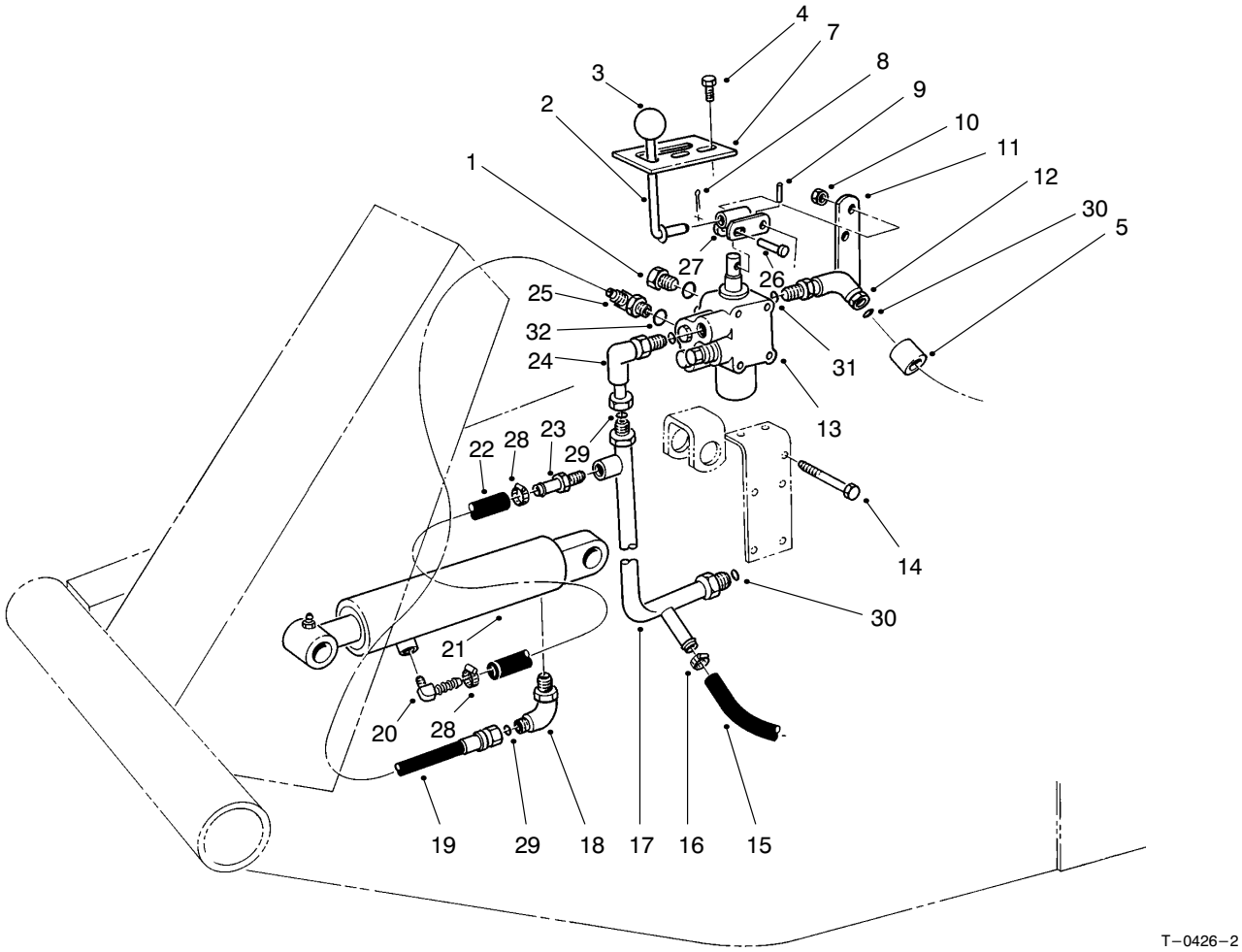


T−0425−2

TRANSMISSION ASSEMBLY NO. 92−8947 (Continued)

Ref. No.	Part No.	Description	No. Used
50	25−2380	Plate − Thrust	2
51	25−2440	Plate − Pump Valve	1
52	25−2430	Pin − Dowel	2
53	46−8400	Bearing − Needle	2
54	93−4132	O−Ring	2
55	92−8918	Center Section	1
57	25−2390	Plate − Motor Valve	1

Ref. No.	Part No.	Description	No. Used
58	46−8410	Shaft − Motor	1
59	25−2400	Gasket	1
60	74−9510	Washer	4
61	92−8776	Plug (Incl. Ref. #62)	4
62	92−8777	O−Ring	4



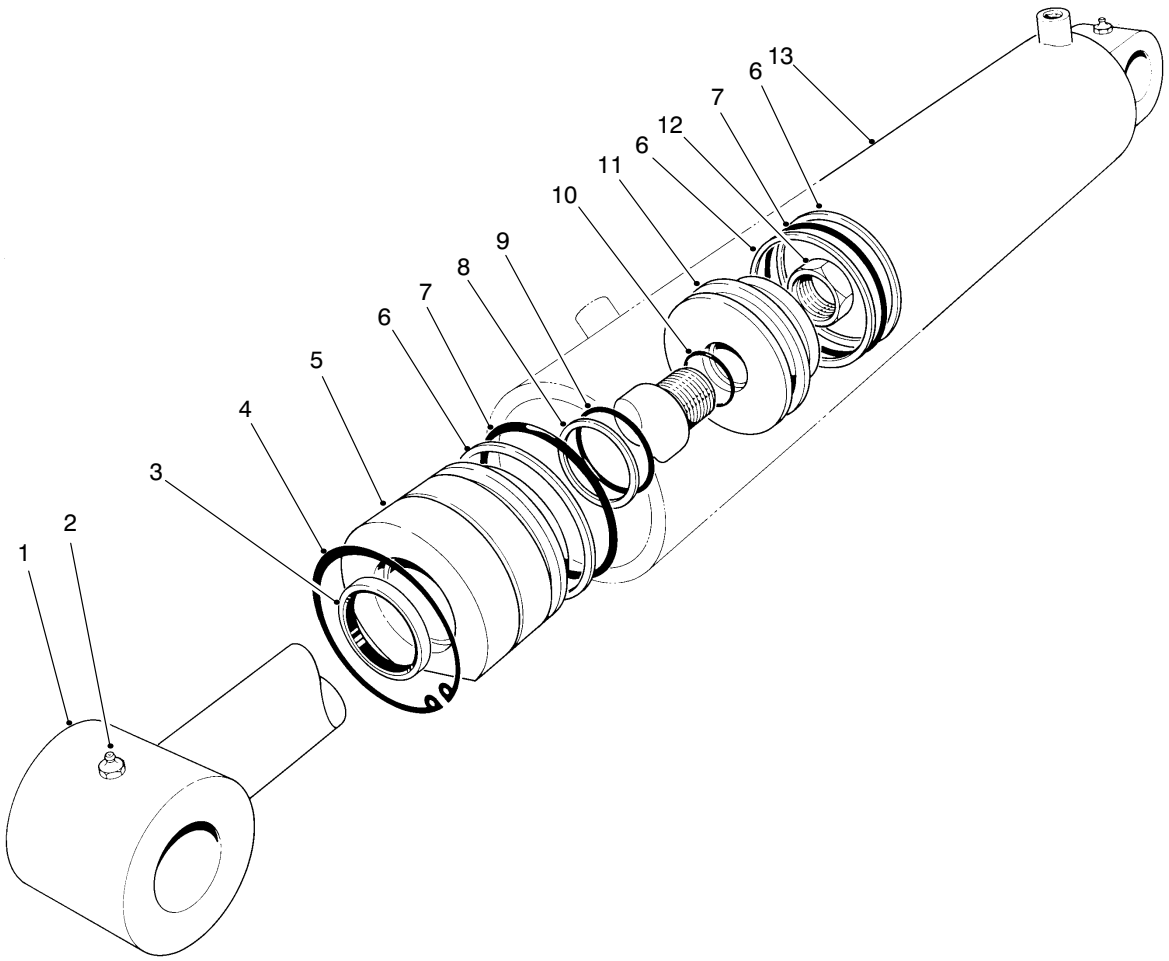
T−0426−2

VALVE & CYLINDER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	353−512	Plug	1
2	21−8620	Lever − Valve	1
3	233−21	Knob	1
4	32144−10	Screw − Tap	2
5	38−3400	Guard − Rubber	1
7	21−8640	Lever − Latch Valve	1
8	3272−6	Pin − Cotter	1
9	32121−73	Pin − Slotted Spring	1
10	3296−42	Nut − Lock	5
11	21−9010	Pivot Mount − Valve Lever	1
12	340−99	Fitting − 90° Elbow	1
13	43−1710	Asm. − Valve	1
14	321−23	Screw − HH	5
15	63−8990	Hose	1
16	2412−36	Clamp − Hose	1
17	63−9260	Manifold − Valve	1
18	340−112	Elbow − 90°	1
19	92−7833	Hose − Hydraulic (Valve to Cylinder)	1

Ref. No.	Part No.	Description	No. Used
20	304−75	Fitting − 90° Barb	1
21	62−4250	Cylinder − Hydraulic	1
*	66−1250	Cylinder − Hydraulic (Optional)	1
22	92−7834	Hose	1
23	304−73	Fitting − Straight Barb	1
24	340−110	Elbow − 90°	1
25	340−97	Fitting − 90°	1
26	283−17	Pin	1
27	21−8590	Link − Valve Lever	1
28	2412−108	Clamp − Hose	2
29	237−22	O−Ring	2
30	237−30	O−Ring	2
31	237−42	O−Ring	2
32	237−78	O−Ring	2
33	38−3400	Guard − Rubber	1

*Not Illustrated

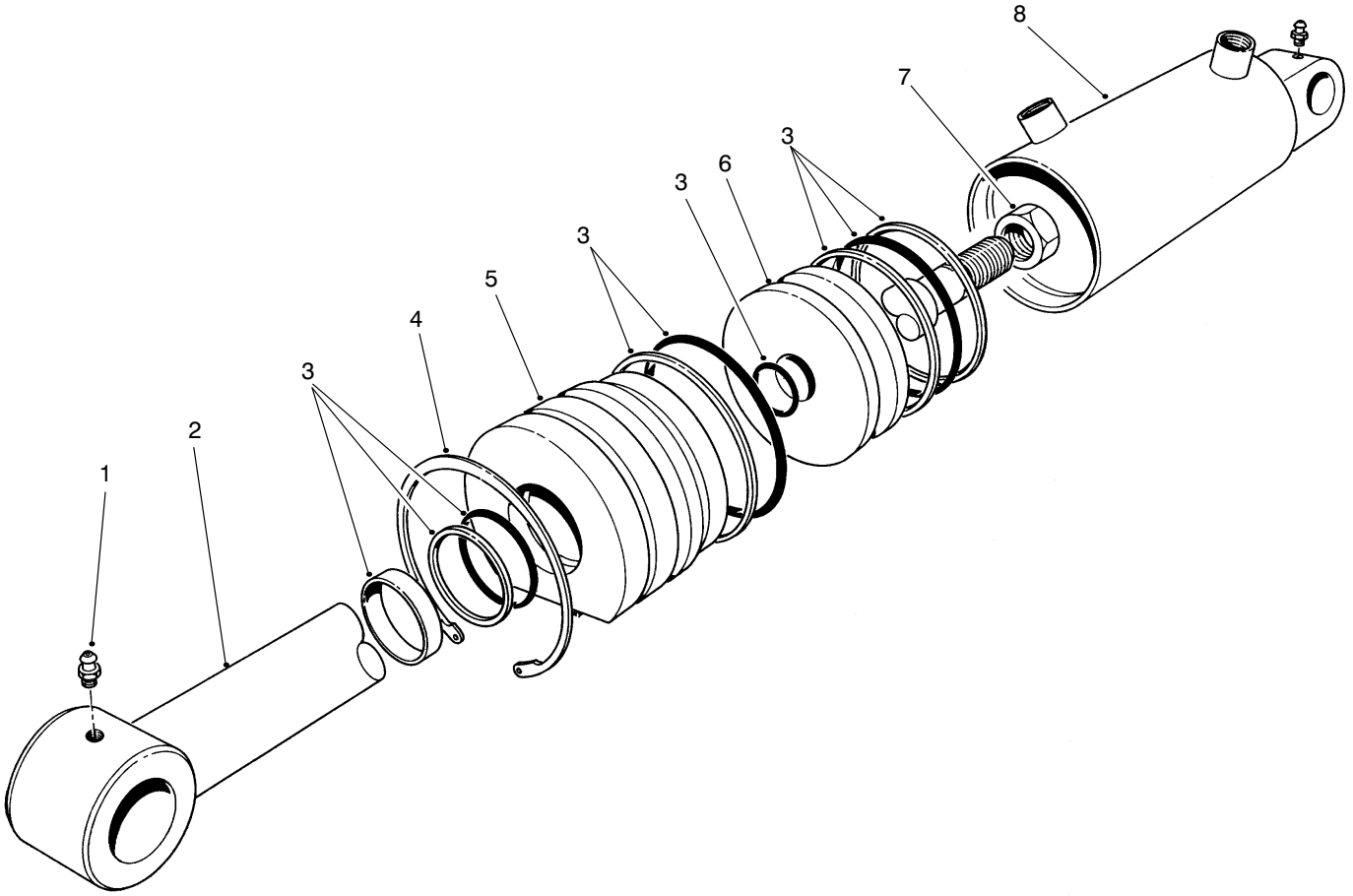


T−0859−1

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

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

†Not available separately..



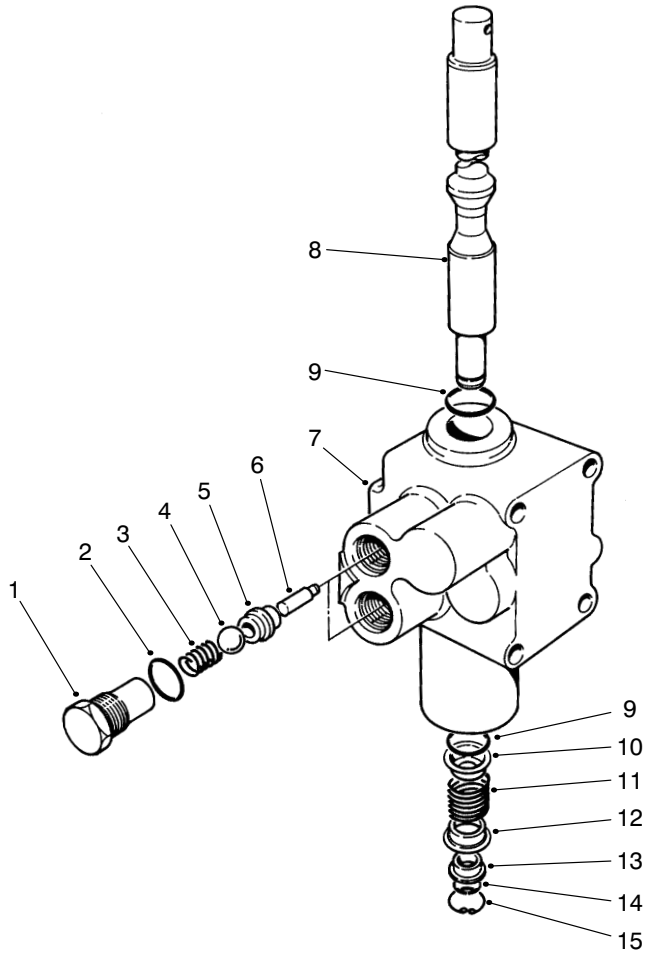
T−0527−2

HYDRAULIC LIFT CYLINDER ASSEMBLY NO. 66−1250 (3” Bore)

Ref. No.	Part No.	Description	No. Used
1	302−55	Fitting − Grease	2
2	67−5480	Shaft	1
3	67−5500	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	I
7	60−9760	Nut − Hex	1
*8		Barrel	1

*Not available separately.

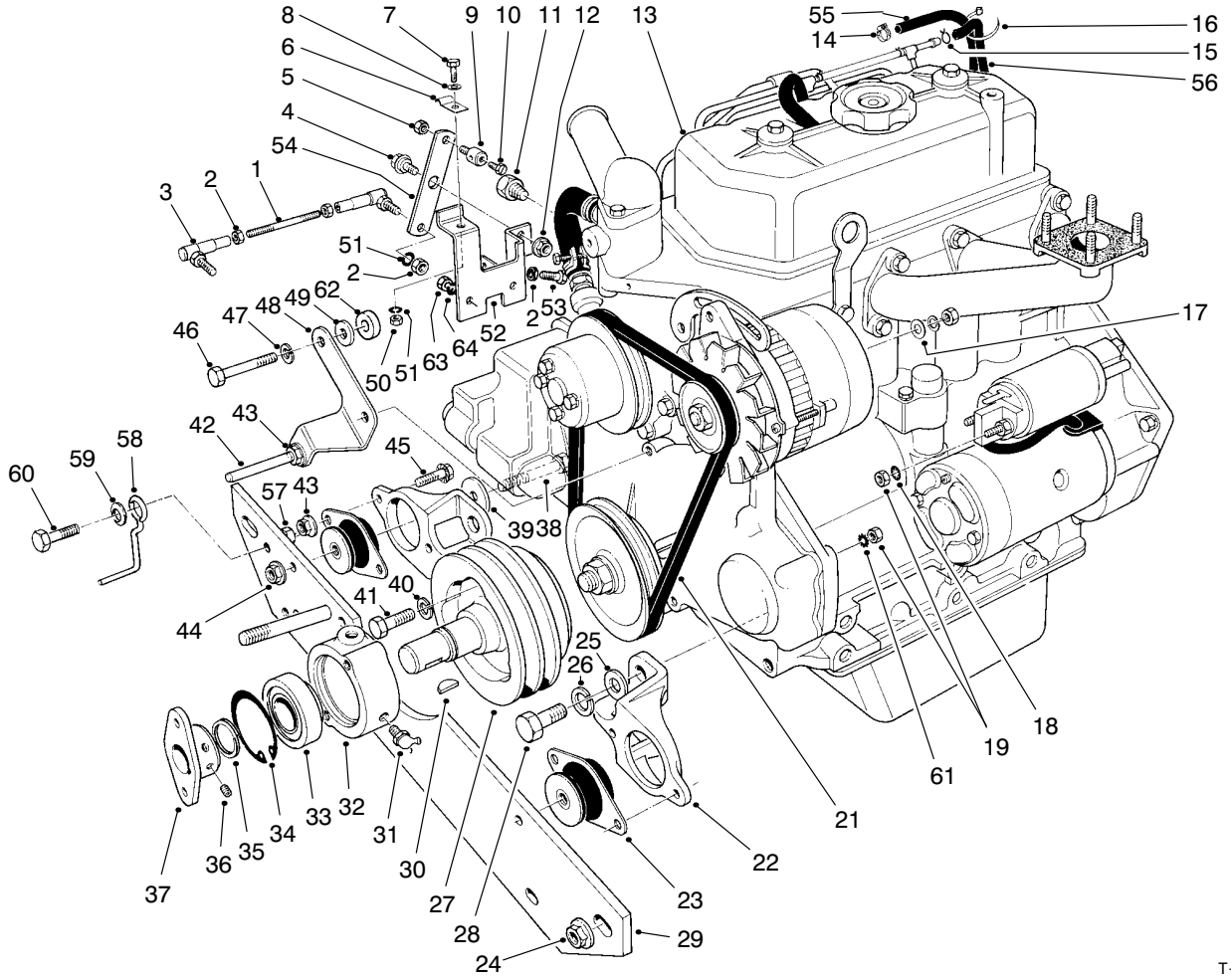


T−0428−1

CONTROL VALVE ASSEMBLY NO. 43−1710

Ref. No.	Part No.	Description	No. Used
1	22−8330	Plug	2
2	237−42	O−Ring	2
3	22−8340	Spring	2
4	22−8350	Ball	2
5	22−8370	Seat − Check Valve	2
6	22−8360	Pin − Cam	2
7	43−1730	Body	1
8	22−8420	Spool	1

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

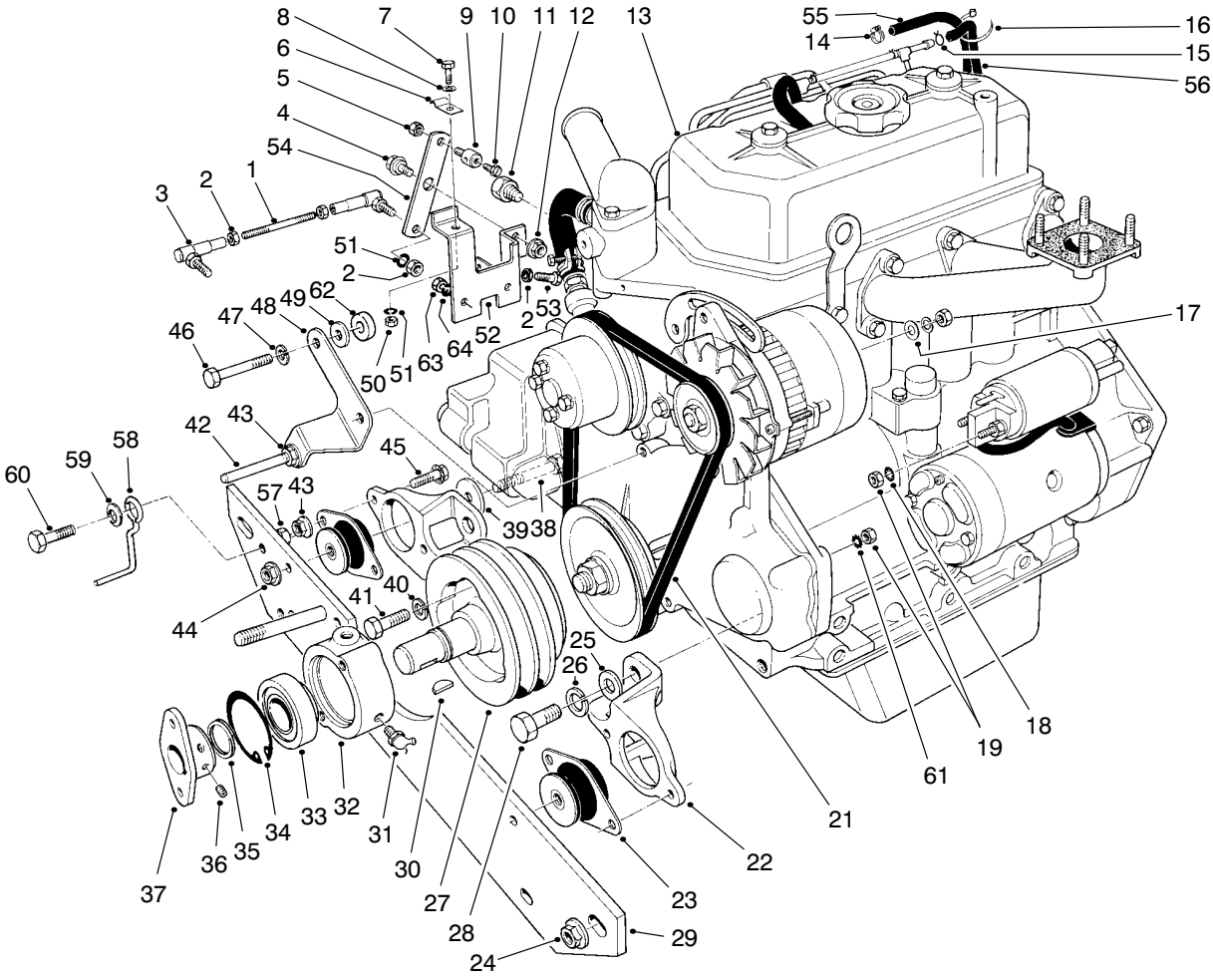


T−0429−2

ENGINE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	43−3770	Link − Throttle	1
2	3219−1	Nut	5
3	18−1720	Asm. − Ball Joint	2
4	37−8770	Bolt − Shoulder	1
5	3296−20	Nut − Lock	1
6	2412−31	Clamp − Bodine	1
7	321−4	Screw − HH	1
8	3256−22	Washer − Flat	1
9	43−3780	Swivel − Throttle Control	1
10	25−8640	Screw − Machine	1
11	43−1940	Adapter − Temp. Gauge	1
12	32152−1	Nut − Flange	1
13	43−1440	Engine Assembly (Unit Serial No. 50001 thru 60119)	1
13	94−9160	Engine Assembly (Unit Serial No. 60120 & Up)	1
14	2412−108	Clamp − Worm Drive	1
15	2412−79	Clamp	1
16	3290−379	Tie − Cable	1
17	5−3637	Washer	1
18	3254−2	Washer − Lock, Int. Tooth	2
19	42−9580	Nut	2
21	42−9100	Belt − Fan	1
22	53−9710	Mount − Engine	2
23	53−9680	Engine Mount − Rubber	2

Ref. No.	Part No.	Description	No. Used
24	32128−23	Nut − Flange	2
25	3256−64	Washer − Flat	4
26	43−5950	Washer − Lock	4
27	43−3510	Pulley − Engine	1
28	43−3210	Screw − HH	4
29	75−9900	Engine Support − Front	1
30	3257−33	Key − Woodruff	1
31	302−10	Fitting − Grease	1
32	43−3720	Collar − Bearing	1
33	251−252	Bearing − Ball	1
34	32120−22	Ring − Retaining, Internal	1
35	32120−69	Ring − Retaining, External	1
36	3241−5	Screw − Set Socket Head	2
37	27−1960	Hub − Engine	1
38	324−12	Screw − HH	2
39	53−9480	Washer	2
40	42−9600	Washer − Lock	3
41	43−3190	Screw − HH	3
42	21−1820	Stud − Belt Retainer	2
43	3290−357	Nut − Flange	7
44	32128−37	Nut − Flange	2
45	3234−11	Screw − HH	4
46	42−9510	Screw − HH	2
47	3253−4	Washer − Lock	2
48	43−3790	Bracket − Belt Guide	1
49	4−2390	Washer	2

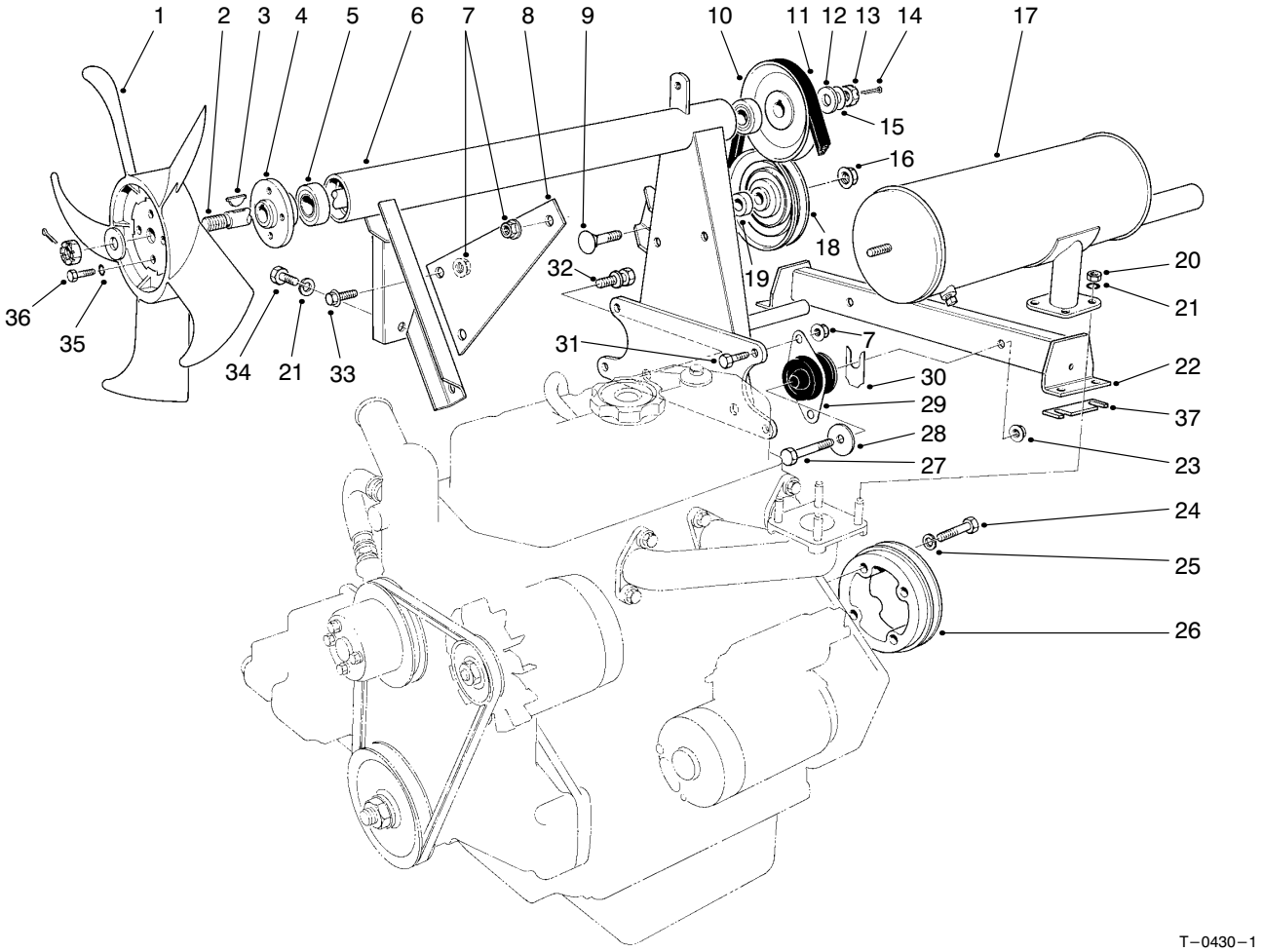


T−0429−2

ENGINE ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
50	3217−5	Nut − Hex.	1
51	3253−3	Washer − Lock	3
52	43−3730	Bracket − Throttle Control	1
53	329−7	Screw − HH	1
54	43−3760	Lever − Throttle	1
55	47−7420	Hose	1
56	43−4230	Hose	1
57	32153−2	Nut − Lock	1

Ref. No.	Part No.	Description	No. Used
58	63−1400	Guide − Belt	1
59	3290−224	Washer − Lock	1
60	3234−18	Screw − HH	1
61	3255−9	Washer − Lock, Ext. Tooth	1
62	5−0652	Spacer	2
63	48−7630	Screw − HH	2
64	43−5930	Washer − Lock	2



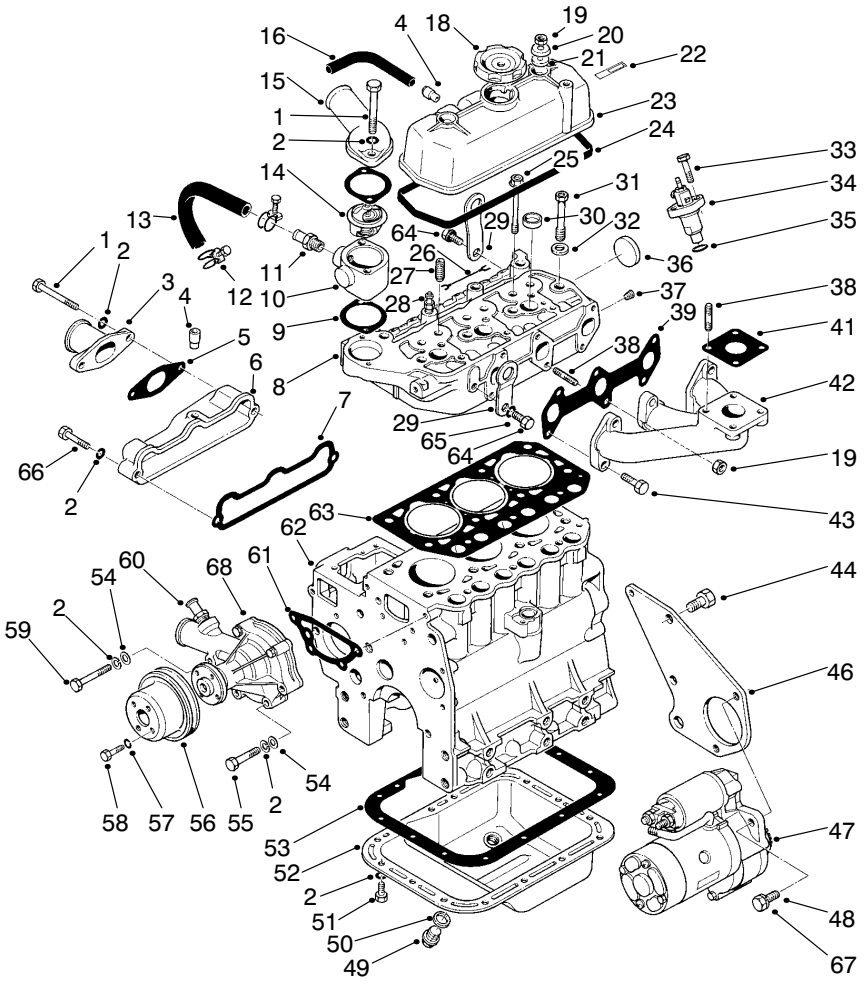
T−0430−1

ENGINE ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
1	43−1910	Fan − Cooling	1
2	43−3690	Fan − Shaft	1
3	3257−30	Key − Woodruff	2
4	43−3700	Hub − Fan	1
5	38−7820	Bearing	2
6	53−9750	Mount − Fan	1
7	3290−357	Nut − Flange	8
8	43−3870	Support − Muffler	1
9	3233−14	Bolt − Carriage	1
10	43−3880	Pulley	1
11	43−5910	V−Belt	1
12	29−8910	Washer	2
13	32136−3	Nut − Hex. Slotted	2
14	3272−16	Pin − Cotter	2
15	3−6803	Washer	A/R
16	32128−23	Nut − Flange	1
17	43−3850	Muffler	1
18	66−5310	Pulley − Idler	1
19	66−5320	Spacer	1
20	42−9580	Nut	4

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

*Not Illustrated

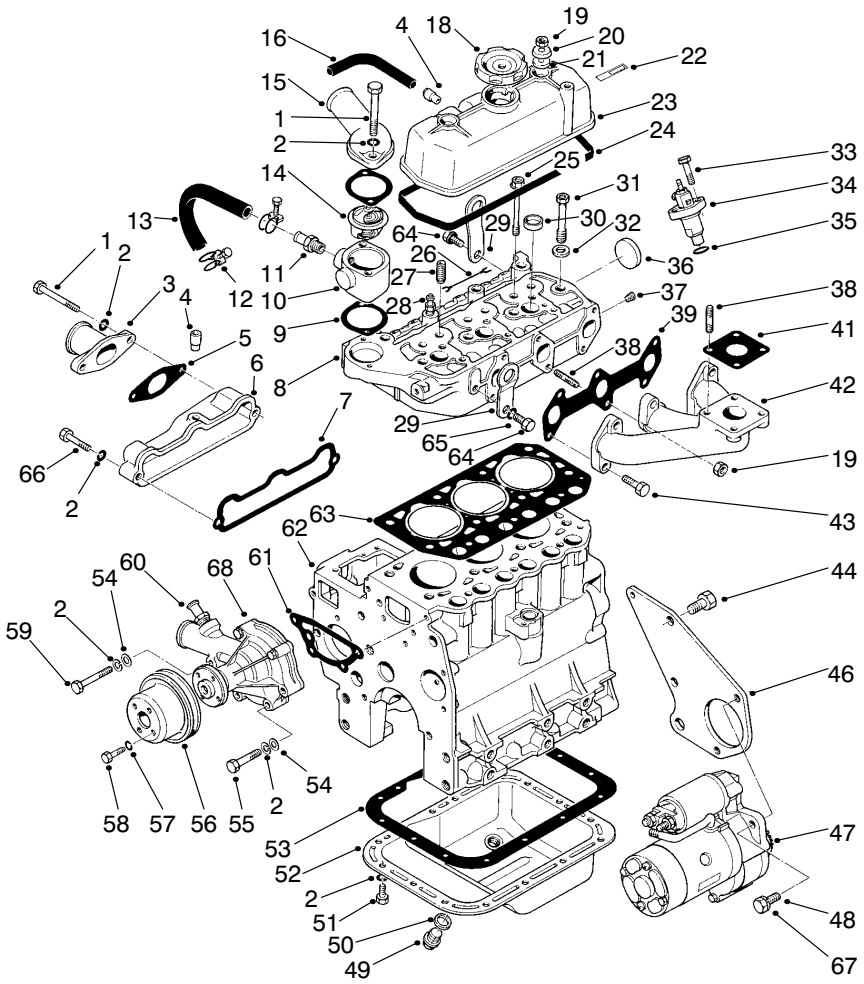


ENGINE ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
1	42−9310	Screw − HH	4
2	42−9850	Washer − Lock	24
3	42−9150	Inlet − Pipe	1
4	42−7510	Pipe	2
5	42−9160	Gasket − Inlet Pipe	1
6	42−9120	Asm. − Intake Manifold	1
7	42−9140	Gasket − Intake Manifold	1
8	72−4290	Asm. − Head, Cylinder	1
‡*	93−1369	Asm. − Head, Cylinder	1
9	42−7550	Gasket	2
10	43−1790	Fitting − Thermostat	1
11	42−7740	Nipple − Hose	1
12	43−3140	Clamp − Hose	2
13	43−3130	Hose − Water (Incl. Ref. #12)	1
14	43−1780	Thermostat	1
15	42−7540	Fitting − Water Outlet	1
16	93−3685	Pipe − Air Breather	1
18	42−7420	Cap − Oil Filter	1
19	42−9580	Nut (8)	3
20	42−9800	Washer	2
21	42−7490	Seal − Oil	2
22	42−7530	Label − Engine No.	1
23	42−7500	Asm. − Cover, Rocker	1
24	42−7520	Gasket − Cover, Rocker	1
25	93−3180	Bolt − Cylinder Head (10 x 90)	3

Ref. No.	Part No.	Description	No. Used
26	42−9180	Wire − Glow Plug Lead	2
27	42−7460	Guide − Valve	6
28	42−7480	Glow Plug	3
29	42−7440	Hanger − Engine	2
30	42−7080	Cap − Sealing (25)	3
31	42−9320	Bolt − Cylinder Head (12 x 98)	8
32	42−9790	Washer − Head Bolt	8
33	42−9390	Bolt (8 x 32)	6
34	44−8070	Asm. − Nozzle & Holder	3
35	42−8120	Gasket − Nozzle Holder	3
36	42−7090	Cap − Sealing (45)	1
37	67−2570	Plug − Taper 1/8	1
38	42−9570	Stud (8 x 25)	5
39	42−9170	Gasket − Exhaust Manifold	1
41	42−9110	Gasket	1
42	43−1870	Manifold − Exhaust	1
43	42−9520	Screw − Cap (8 x 30)	5
44	42−9240	Screw − Cap (12 x 28)	3
46	43−1770	Plate − Rear	1
47	46−7610	Asm. − Starter	1
48	43−0090	Screw − Cap (10 x 25)	2
49	42−9260	Plug − Oil Drain	1
50	42−7290	Gasket − Oil Drain Plug (18)	1
51	42−9230	Screw − Cap (8 x 16)	15

‡ For engines with Serial No. 86155 & up.

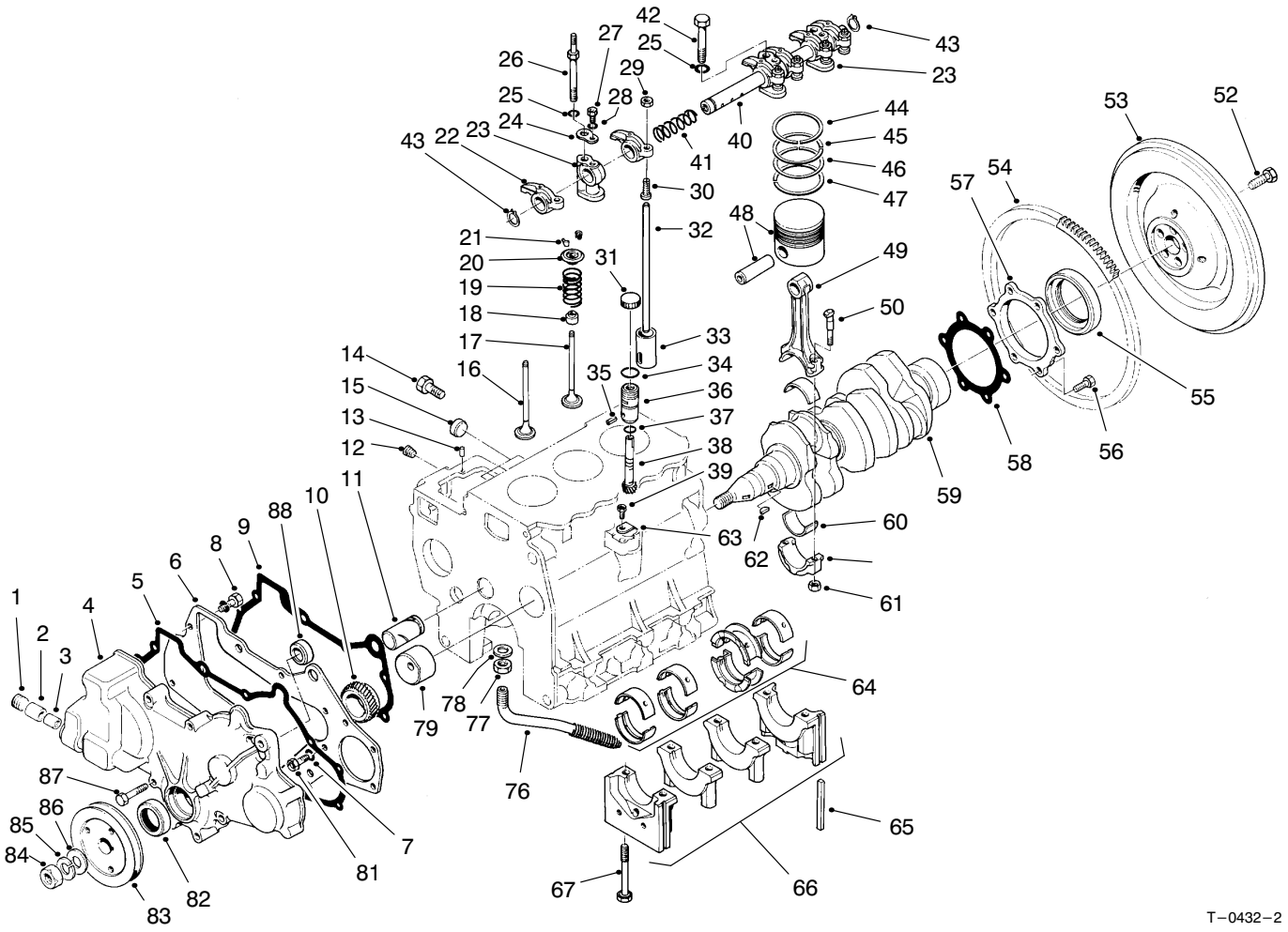


ENGINE ASSEMBLY (Continued)

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

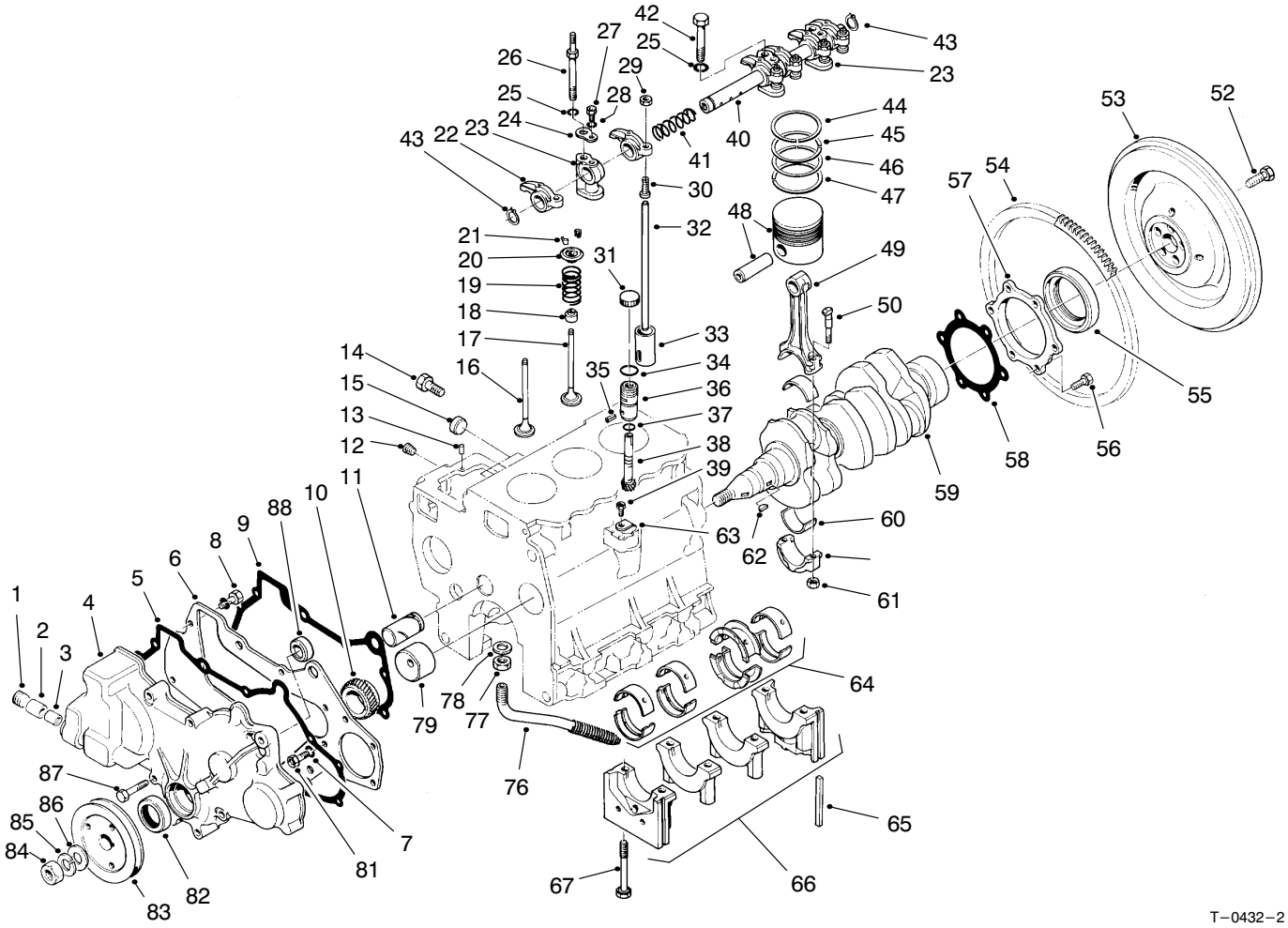


ENGINE ASSEMBLY (Continued)

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	62−3730	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		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 075 (.030 in.) 0.5.	3

*Not Illustrated

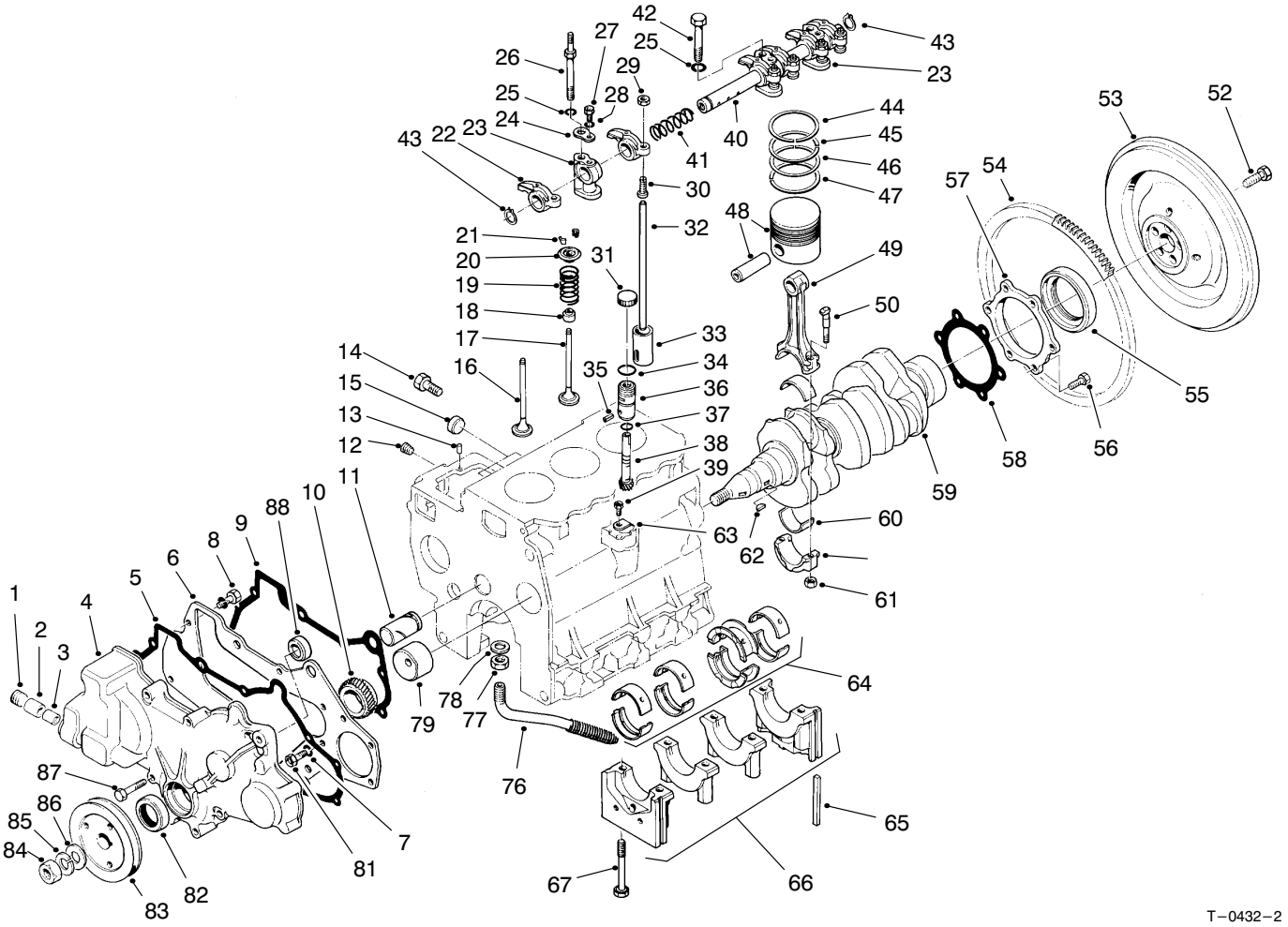


ENGINE ASSEMBLY (Continued)

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

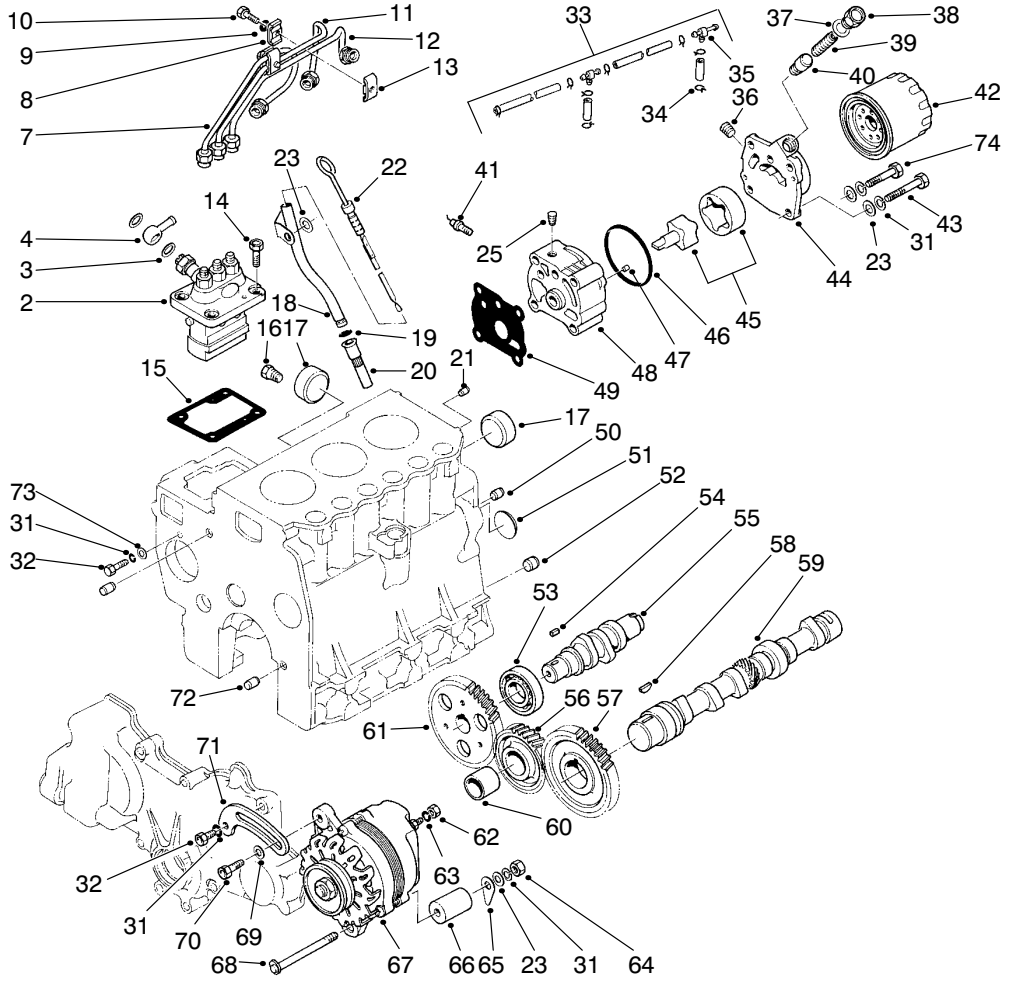


T−0432−2

ENGINE ASSEMBLY (Continued)

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

*Not Illustrated
†Not Available



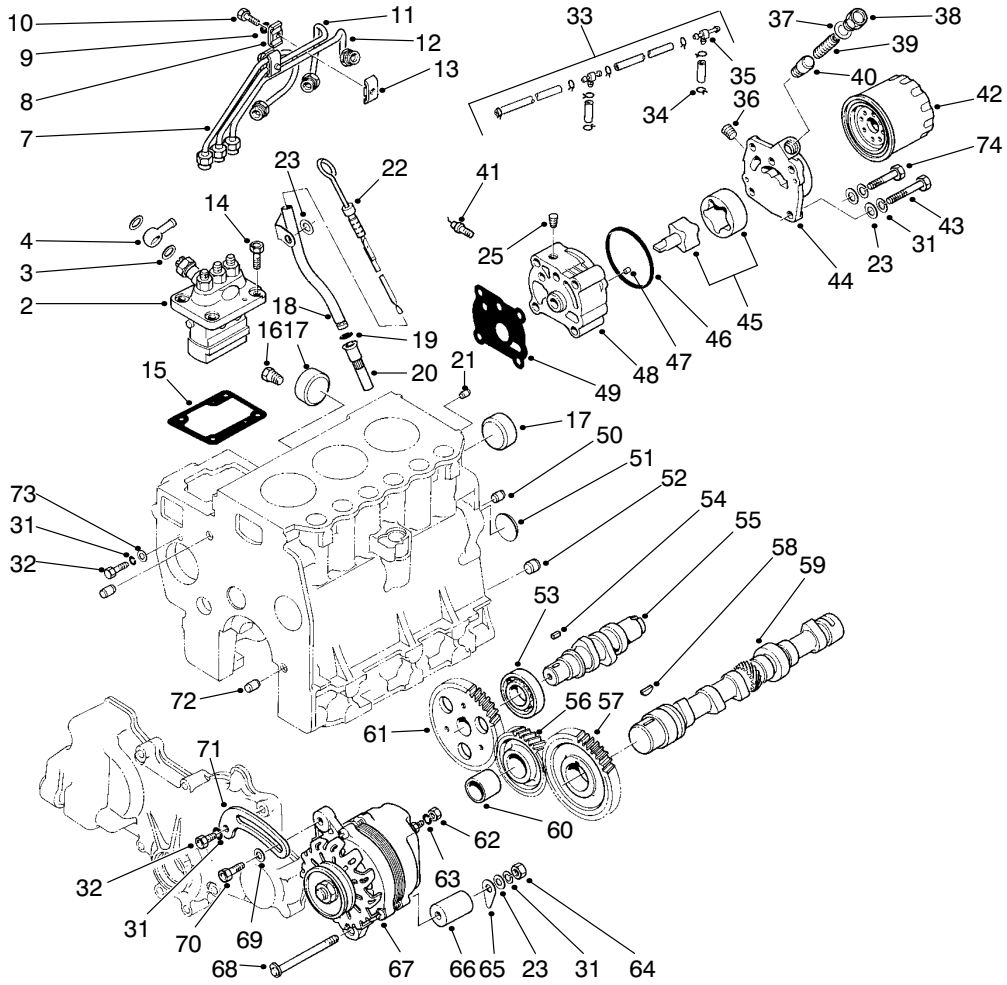
T−0433−1

ENGINE ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
2	42−8000	Asm. − Pump, Fuel Injection (Used on Serial No. 50001 −60119)	1
†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. 50001 −60119)	4
†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
*	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
*	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.



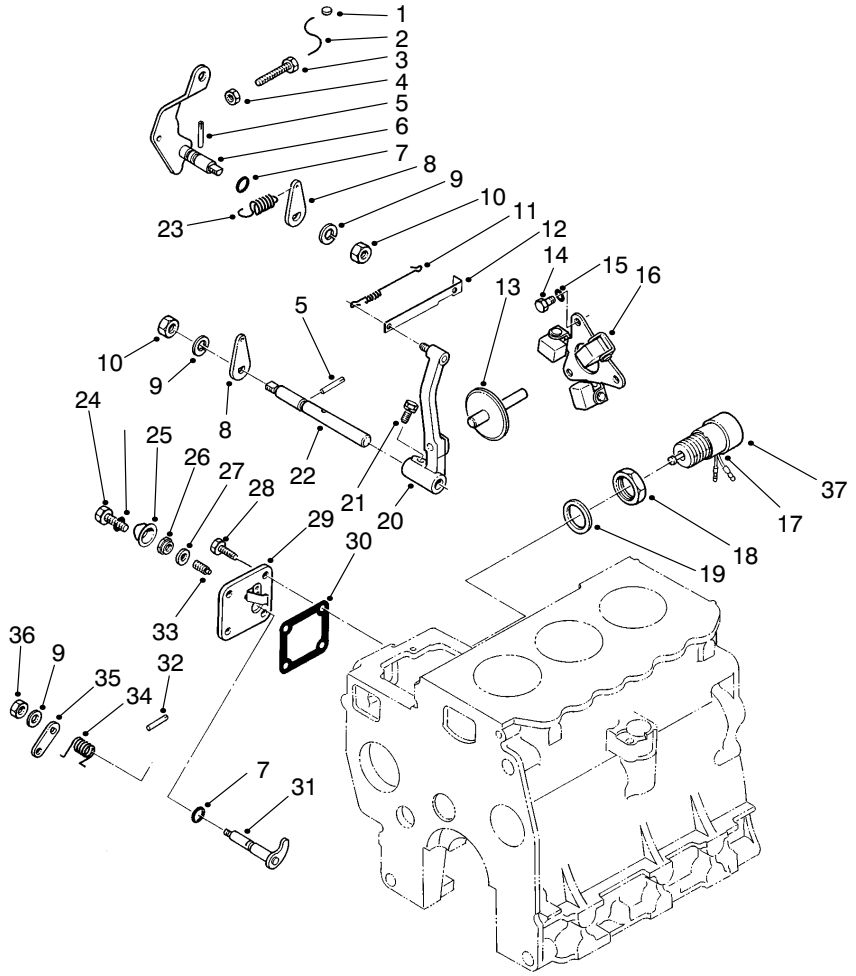
T−0433−1

ENGINE ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
43	42−9480	Screw − HH	3
44	42−8920	Cover − Oil Pump	1
45	42−8910	Asm. − Rotor, Oil Pump	1
46	42−8940	O−Ring	1
47	93−3657	Pin − Dowel	2
48	42−8900	Body − Oil Pump	1
49	42−8950	Gasket − Oil Pump Body	1
50	42−7180	Bushing − Knock	2
51	42−7170	Plug − Expansion	1
52	42−7200	Bushing − Knock	1
53	42−7820	Bearing − Ball	1
54	42−7840	Key − Sunk	1
55	42−7810	Shaft − Injection Pump Cam	1
56	42−7790	Asm. − Idler Gear (Incl. Ref. #60)	1
57	42−7780	Gear − Camshaft	1
58	42−7730	Key − Woodruff	1
59	72−4280	Camshaft	1
60		Bushing − Idler Gear	1

Ref. No.	Part No.	Description	No. Used
61	42−7830	Gear − Injection Pump Cam	1
62	43−5970	Nut	1
63	43−5920	Washer − Lock	1
64	42−9580	Nut	1
65	43−0370	Shim	AIR
66	43−0380	Spacer	1
67	43−0390	Alternator (Model AH2035M4)	1
68	43−1900	Screw − HH	1
69	54−8660	Washer	1
70	54−8650	Screw − HHF	1
71	43−0400	Brace − Alternator	1
72	42−7190	Bushing − Knock	2
73	42−9820	Washer	1
74	56−2120	Screw − Hex. Hd.	1
*	42−8850	Asm. − Oil Pump (Incl. Ref. 36−40 & 44−48)	1
*	95−3092	400 Hour Filter Kit (Incl. Ref. #42)	1

*Not Illustrated



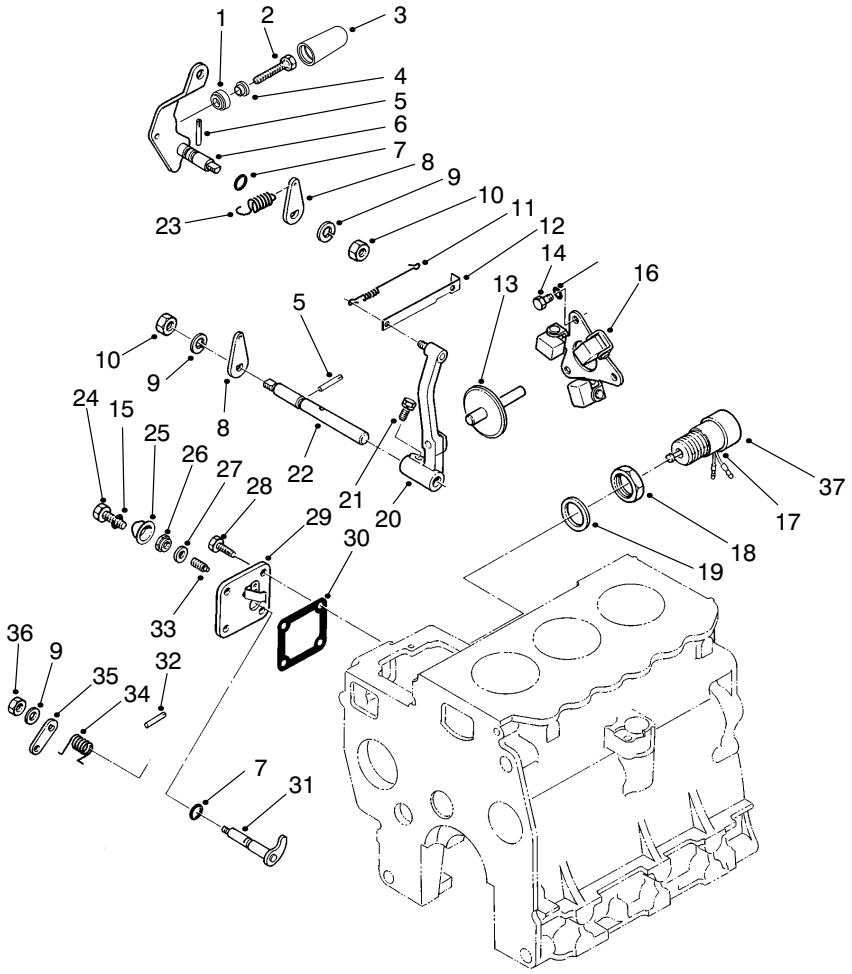
T−0434−1

GOVERNOR ASSEMBLY
(Used on Serial No. 50001−60119)

Ref. No.	Part No.	Description	No. Used
1	42−8690	Metal − Sealing	1
2	42−8700	Wire	1
3	42−9420	Bolt − High Speed Set	1
4	43−2830	Nut	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

*Not Illustrated

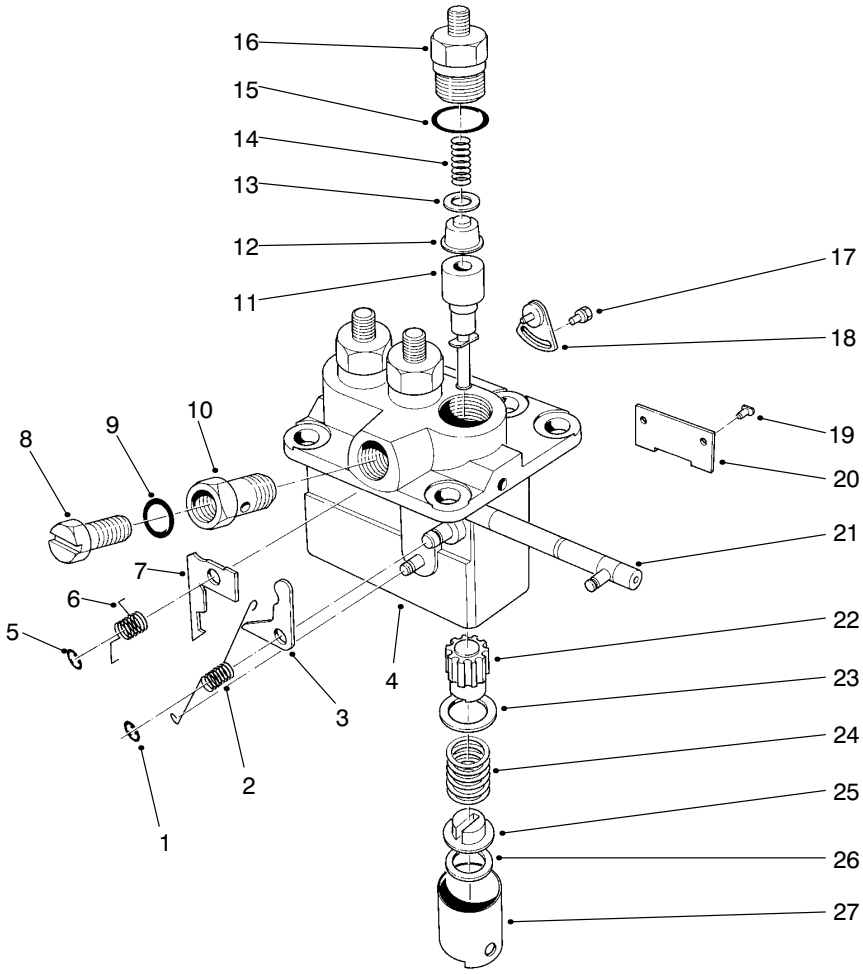


GOVERNOR ASSEMBLY
(Used on Serial No. 60120 & Up)

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 − Hight 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.



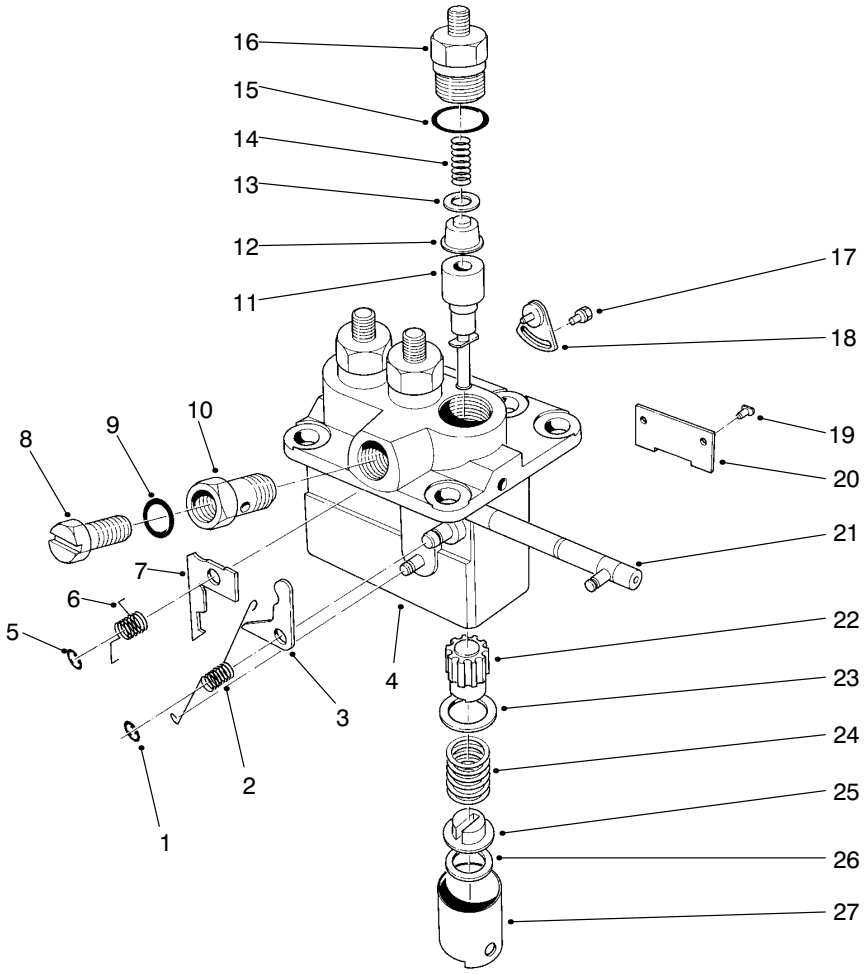
T−0435−5

FUEL INJECTION PUMP ASSEMBLY NO. 42−8000 (Used on Serial No. 50001−60119)

Ref. No.	Part No.	Description	No. Used
1	70−4240	E−Ring	1
2	43−3110	Spring − Ungleich Set	1
3	43−2910	Plate − Ungleich Set 16.9 (.665 in.) Mark 1	A/R
*	43−2920	Plate − Ungleich Set 16.8 (.661 in.) Mark 2	A/R
*	43−2930	Plate − Ungleich Set 16.7 (.657 in.) Mark 3	A/R
*	43−2940	Plate − Ungleich Set 16.6 (.654 in.) Mark 4	A/R
*	43−2950	Plate − Ungleich Set 16.5 (.650 in.) Mark 5	A/R
4		Pump Housing Sub Asm.	1
5	54−8780	E−Ring	1
6	42−8460	Spring Return	1
7	54−8700	Plate − Smoke Set 2.3 (.091 in.) Mark 60	A/R
*	43−3010	Plate − Smoke Set 2.4 (.095 in.) Mark 61	A/R
*	54−8710	Plate − Smoke Set 2.5 (.098 in.) Mark 62	A/R
*	43−3020	Plate − Smoke Set 2.6 (.102 in.) Mark 63	A/R
*	56−0960	Plate − Smoke Set 2.7 (.106 in.) Mark 64	A/R

Ref. No.	Part No.	Description	No. Used
7	43−3030	Plate − Smoke Set 2.8 (.110 in.) Mark 65	A/R
*	54−8730	Plate − Smoke Set 2.9 (.114 in.) Mark 66	A/R
*	43−3040	Plate − Smoke Set 3.0 (.118 in.) Mark 67	A/R
*	54−8740	Plate − Smoke Set 3.1 (.122 in.) Mark 68	A/R
*	43−3050	Plate − Smoke Set 3.2 (.126 in.) Mark 69	A/R
*	54−8750	Plate − Smoke Set 3.3 (.130 in.) Mark 70	A/R
*	43−3060	Plate − Smoke Set 3.4 (.134 in.) Mark 71	A/R
*	54−8760	Plate − Smoke Set 3.5 (.138 in.) Mark 72	A/R
*	43−3070	Plate − Smoke Set 3.6 (.142 in.) Mark 73	A/R
*	54−8770	Plate − Smoke Set 3.7 (.146 in.) Mark 74	A/R
8	42−8370	Screw − Air Breather	1
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

*Not Illustrated

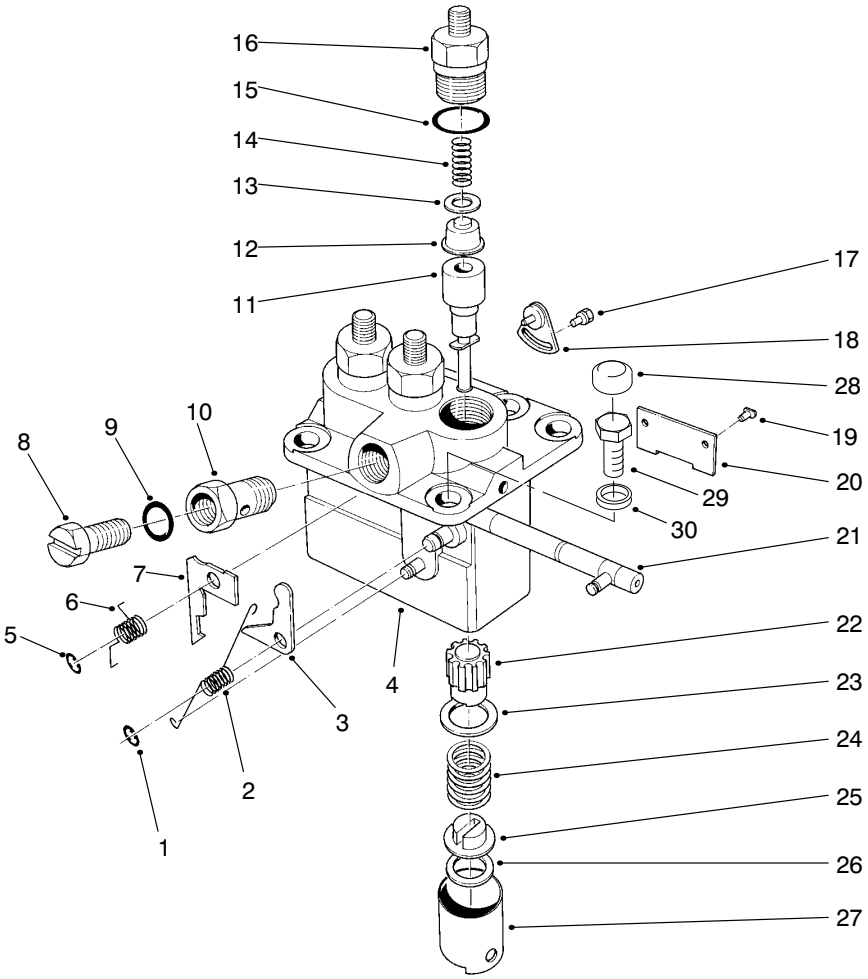


T−0435−5

FUEL INJECTION PUMP ASSEMBLY NO. 42−8000 (Cont.)
(Used on Serial No. 50001−60119)

Ref. No.	Part No.	Description	No. Used
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
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

*Not Illustrated



T−2435

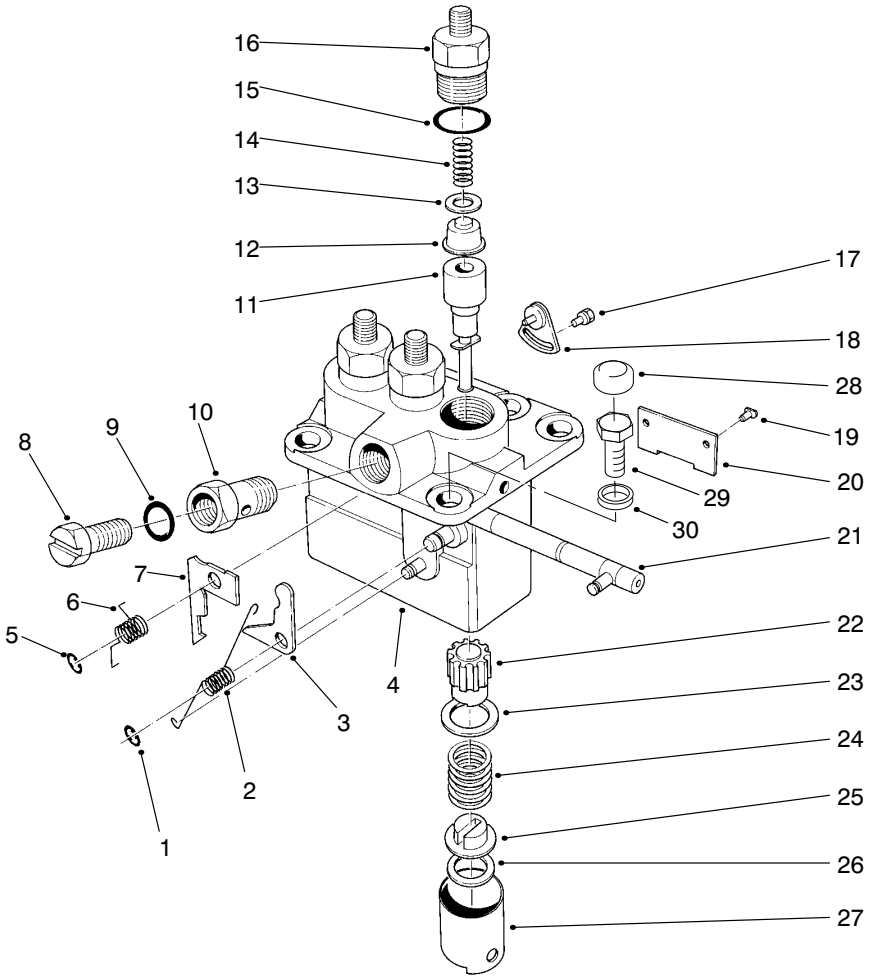
FUEL INJECTION PUMP ASSEMBLY (Used on Serial No. 60120 & Up)

Ref. No.	Part No.	Description	No. Used
1	70−4240	E−Ring	1
2	43−3110	Spring − Ungleich Set	1
3	95−1566	Plate − Ungleich Set 17.0 (.669 in.) Mark 6	A/R
*	95−1567	Plate − Ungleich Set 16.9 (.665 in.) Mark 7	A/R
*	95−1568	Plate − Ungleich Set 16.8 (.661 in.) Mark 8	A/R
*	95−1569	Plate − Ungleich Set 16.7 (.657 in.) Mark 9	A/R
*	95−1570	Plate − Ungleich Set 16.6 (.654 in.) Mark 10	A/R
*	95−1571	Plate − Ungleich Set 16.85 (.663 in.) Mark 11	A/R
*	95−1572	Plate − Ungleich Set 16.75 (.659 in.) Mark 12	A/R
4		Pump Housing Sub Asm.	1
5	54−8780	E−Ring	1
6	42−8460	Spring Return	1
7	54−8700	Plate − Smoke Set 2.3 (.091 in.) Mark 60	A/R
*	43−3010	Plate − Smoke Set 2.4 (.095 in.) Mark 61	A/R
*	54−8710	Plate − Smoke Set 2.5 (.098 in.) Mark 62	A/R

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

*Not Illustrated

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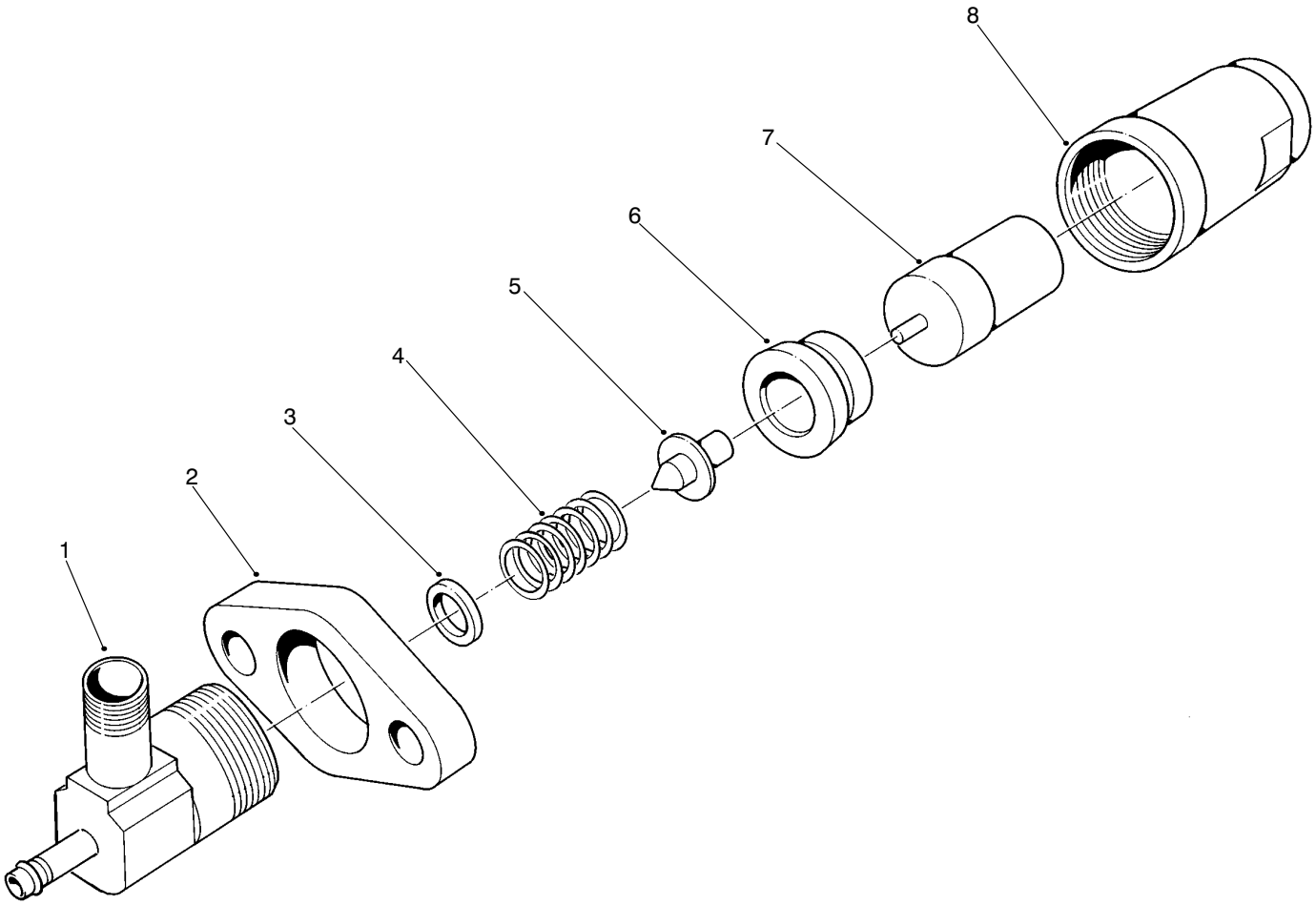
T−2435

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
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.

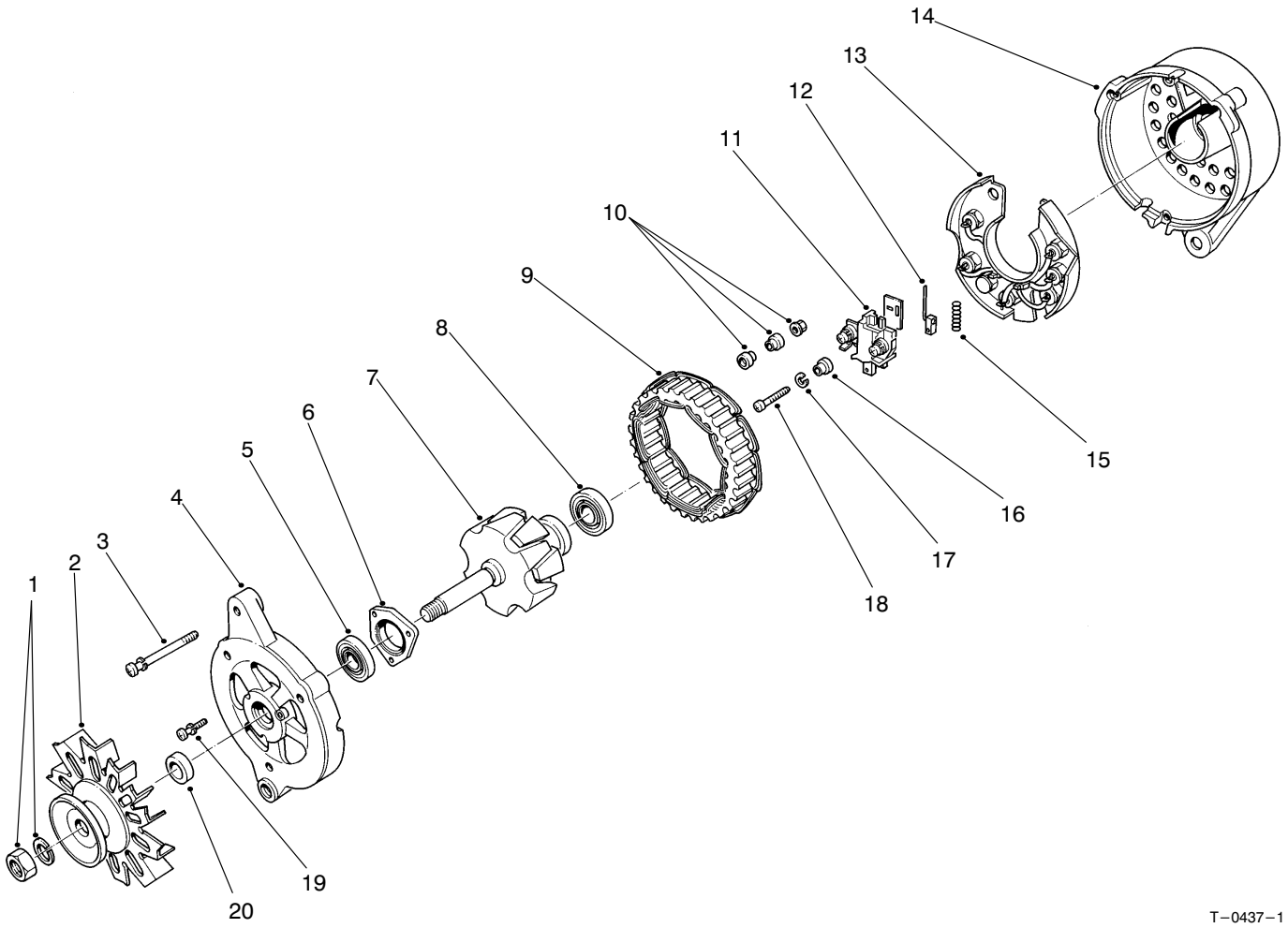


T−0436−1

NOZZLE & HOLDER ASSEMBLY NO. 44−8070

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

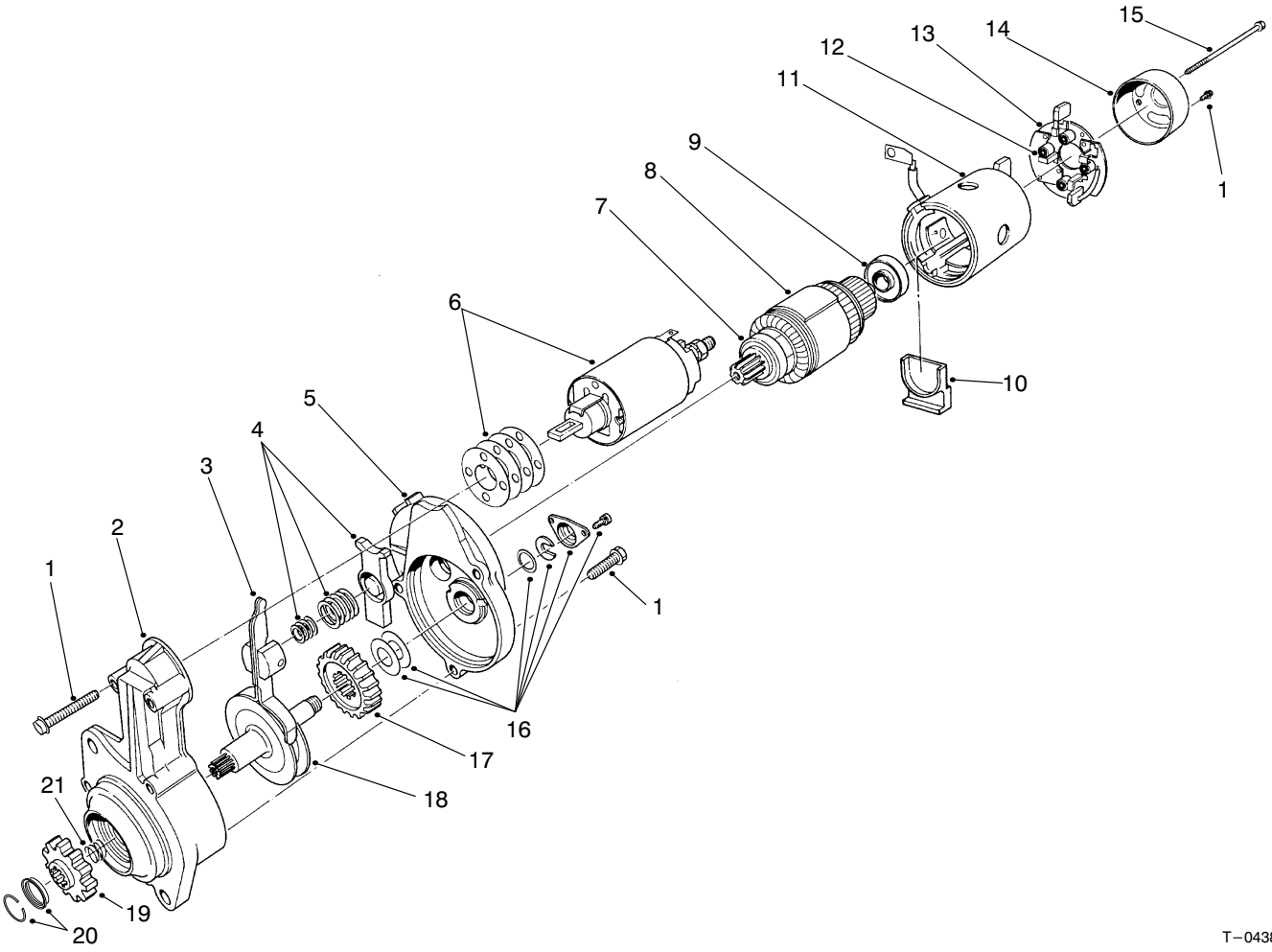
*Not Illustrated



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
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

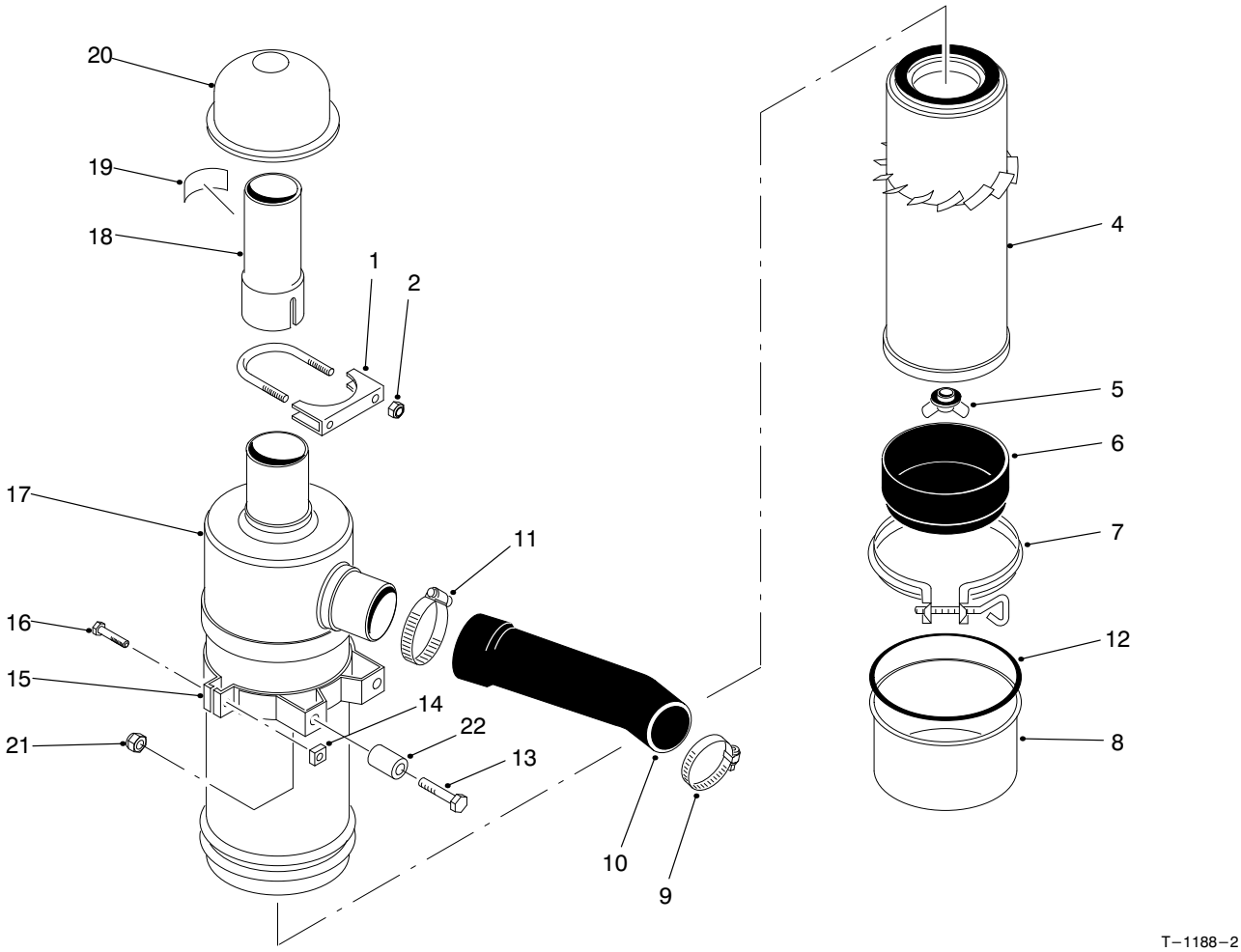


T−0438−1

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
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



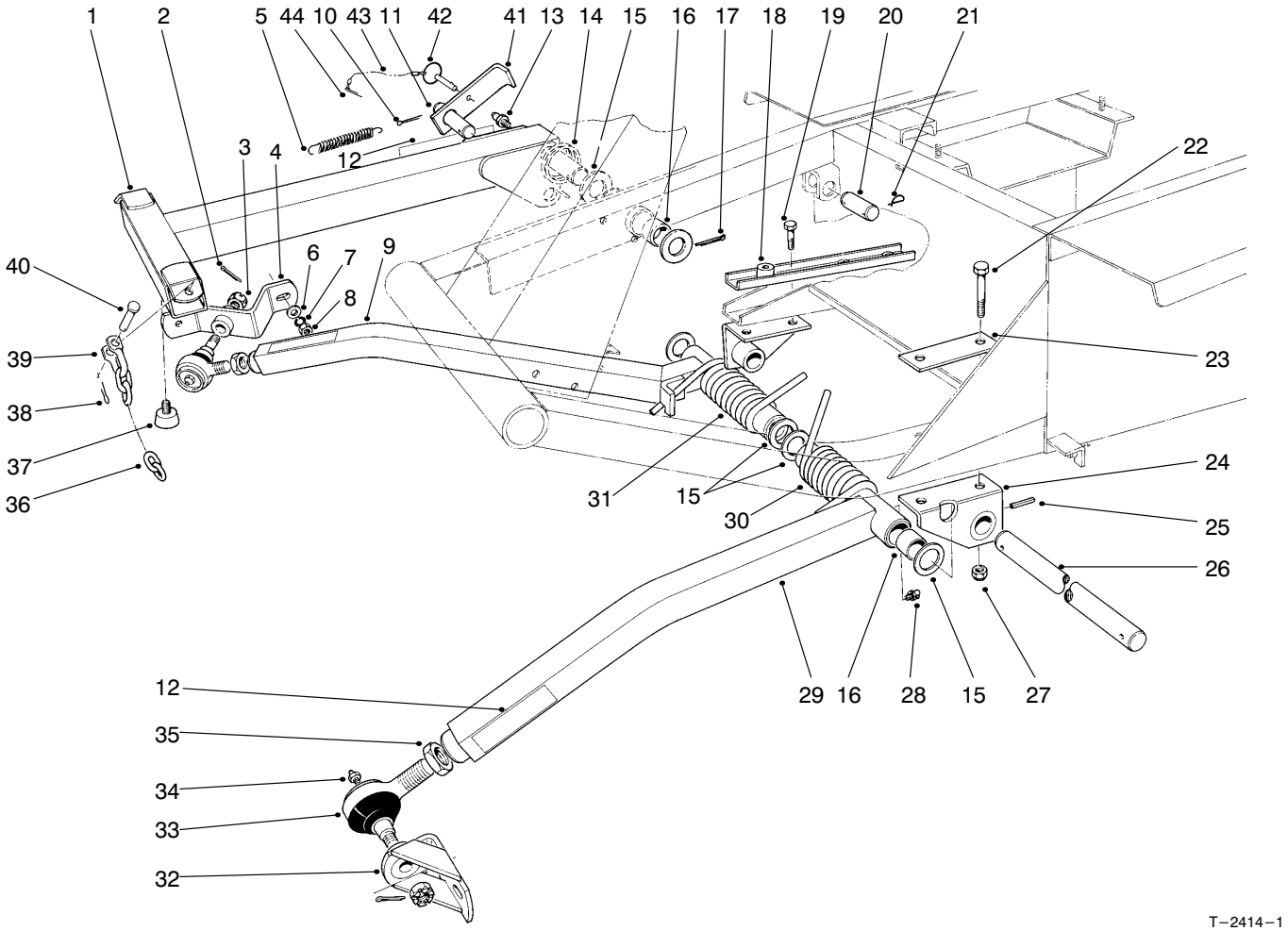
T−1188−2

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
1	66−6370	Lift Arm	1
2	3272−11	Pin − Cotter	2
3	32136−2	Nut − Hex. Slotted	2
4	21−3020	Ball Joint Mount R.H.	1
5	21−1830	Spring − Tension	1
6	3256−25	Washer − Flat	1
7	3253−6	Washer − Lock	2
8	3217−8	Nut −Full	2
9	66−7150	Push Arm R.H. (Incl. Ref. #16 & 28)	1
10	3272−24	Pin − Cotter	1
11	24−9510	Pin	1
12	93−6696	Decal − Warning	3
13	302−5	Fitting − Grease	1
14	46−8840	Spring − Lift Arm	1
15	5−1754	Washer	6
16	256−126	Bushing	6
17	3272−33	Pin − Cotter	1
18	93−7040	Support Reinforcement	1
19	324−4	Screw − HH	2
20	3−7292	Pin	1
21	5−3126	Pin − Spring	3
22	324−11	Screw − HH	2

Ref. No.	Part No.	Description	No. Used
23	21−3750	Plate − Support	1
24	21−2860	Bracket − Push Arm	2
25	32121−84	Pin − Roll	2
26	21−2990	Shaft − Pivot	1
27	32128−42	Nut − Flange	4
28	302−33	Fitting − Grease	2
29	21−2960	Push Arm L.H. (Incl. Ref. #16 & 28)	1
30	21−2900	Spring − Torsion L.H.	1
31	21−2890	Spring − Torsion R.H.	1
32	21−3050	Ball Joint Mount L.H.	1
33	86−8100	Asm. − Ball Joint	2
34	302−5	Fitting − Grease	2
35	21−3000	Nut − Jam	2
36	3−1365	Chain − Lift	3
37	67−9800	Bumper	1
38	3272−10	Pin − Cotter	3
39	5−2942	Shackle	3
40	283−10	Pin	3
41	93−7650	Lever − Locking	1
42	93−7644	Pin − Hitch	1
43	28−8070	Lanyard	1
44	3272−7	Pin − Cotter	1

TORO PART NUMBER INDEX

Part No.	Description	Pg. No.	Ref. No.	Qty.
3−1365	Chain − Lift	50	36	3
3−6498	Washer	9	18	A/R
3−6657	Clip	8	31	2
3−6803	Washer	32	15	A/R
3−7243	Spring − Extension	11	13	2
3−7292	Pin	50	20	1
3−8812	Spacer	9	19	1
4−2390	Washer	30	49	2
5−0652	Spacer	9	37	1
5−0652	Spacer	31	62	2
5−0701	Anchor − Spring	9	52	1
5−0838	Washer − Flat	6	58	3
5−1226	Washer	20	17	3
5−1747	Spring	9	21	1
5−1754	Washer	50	15	6
5−2942	Shackle	50	39	3
5−3126	Pin − Spring	50	21	3
5−3637	Washer	30	17	1
6−1659	Switch − Toggle	3	19	1
10−6830	Stud − Drive	20	32	10
10−8110	Washer − Thrust	20	18	A/R
11−0590	Screw − Tap	11	5	2
11−0590	Screw − Tap	5	44	2
11−9760	Screw − Tap	22	52	3
12−5450	Thread Forming Screw	17	13	8
12−9990	Hour Meter	3	40	1
14−4149	Hood	6	55	1
18−1720	Asm. − Ball Joint	30	3	2
18−2770	Cable − Ground	2	52	1
20−4840	Muffler Clamp	49	1	1
21−0141	Asm. − Socket R.H. Thd.	20	39	2
21−0141	Asm. − Socket, R.H.	11	26	1
21−0151	Asm. − Socket L.H. Thd.	20	*	2
21−0230	Pulley − PTO	9	13	1
21−0400	Spring − Compression	9	48	1
21−1600	Clamp − Lever, PTO	10	54	1
21−1820	Stud − Belt Retainer	30	42	2
21−1830	Spring − Tension	50	5	1
21−1830	Spring − Tension	9	50	2
21−1880	Grip − Handle	9	1	1
21−1880	Grip − Handle	13	35	1
21−1990	Asm. − Tie Rod	20	42	2
21−2660	Footrest	1	4	1
21−2760	Pad − Foot Rest L.H.	2	47	1
21−2770	Pad − Foot Rest R.H.	2	46	1
21−2820	Hub Wheel	20	30	2
21−2850	Mount − R.H. Pedal	11	4	1
21−2860	Bracket − Push Arm	50	24	2
21−2890	Spring − Torsion R.H.	50	31	1
21−2900	Spring − Torsion L.H.	50	30	1
21−2960	Push Arm L.H.	50	29	1
21−2990	Shaft − Pivot	50	26	1
21−3000	Nut − Jam	50	35	2
21−3020	Ball Joint Mount R.H.	50	4	1
21−3050	Ball Joint Mount L.H.	50	32	1
21−3370	Cable − R.H. Brake	11	*	1
21−3380	Cable − L.H. Brake	11	15	1
21−3600	Foam − Tank Support	16	3	1
21−3610	Foam − Tank Support	16	21	1
21−3750	Plate − Support	50	23	1
21−7670	Differential Case	18	33	1
21−7690	Pinion Gear	17	6	2
21−7700	Pinion Mate Shaft	18	31	1
21−7720	Washer − Thrust	17	4	2
21−7730	Washer − Thrust	17	7	2
21−7770	Drive Gear Screw	18	32	5
21−7830	Gear Cover	17	12	1
21−7850	Cup − Plug	17	20	1
21−8020	Spacer − Pinion Bearing	18	25	1
21−8090	Adjustment Shim .003	18	38	A/R
21−8100	Adjustment Shim .005	18	37	A/R
21−8110	Adjustment Shim .010	18	36	A/R
21−8120	Adjustment Shim .030	18	35	A/R
21−8180	Bearing	19	3	2
21−8270	Pin − Dowel	17	3	2
21−8360	Clip − Retaining	19	12	2
21−8590	Link − Valve Lever	26	27	1
21−8620	Lever − Valve	26	2	1
21−8640	Lever − Latch Valve	26	7	1
21−9010	Pivot Mount − Valve Lever	26	11	1
21−9260	Cover − Dust	13	4	1
21−9370	Screw − Adjusting	19	16	2
21−9380	Nut − Pivot	19	17	2
21−9390	Socket − Adjusting Screw	19	15	2
21−9420	Spring − Shoe Return L.H.	19	19	2
21−9430	Spring − Shoe Return R.H.	19	7	2
21−9440	Spring − Adjusting Screw	19	14	2
21−9450	Dust Shield	19	5	2
21−9460	Retainer − Brake Lever	19	10	4
22−7810	Spacer	16	19	1
22−7820	Asm. − Buzzer	3	36	1
22−8330	Plug	29	1	2
22−8340	Spring	29	3	2
22−8350	Ball	29	4	2
22−8360	Pin − Cam	29	6	2
22−8370	Seat − Check Valve	29	5	2
22−8380	Retainer − Spring	29	10	1
22−8390	Retainer − Spring	29	12	1
22−8400	Spacer − Float	29	13	1
22−8410	Spring	29	11	1
22−8420	Spool	29	8	1
22−8480	Spring Ring Spool	29	14	1
22−8490	Ring − Snap	29	15	1
22−8500	O−Ring	29	9	2
23−2240	Rod − Pump Control	11	17	1
23−2270	Bushing − Rubber	11	16	1
23−5180	Dipstick	16	41	1
23−7270	Nut − Wheel	16	32	10
23−9740	Oil Filter	22	34	1
24−6390	Stud − Battery Hold Down	1	10	2
24−6420	Hold Down − Battery	1	24	1
24−8790	Differential Bevel Gear Side	17	5	2
24−8840	Ring − Wheel Bearing	19	22	2
24−9180	Strut & Lever Parking Brake	19	4	2
24−9510	Pin	50	11	1
24−9740	Cover − Battery Access	1	21	1
24−9830	Support − Axle	18	44	1
25−2380	Plate − Thrust	25	50	2
25−2390	Plate − Motor Valve	25	57	1
25−2400	Gasket	25	59	1
25−2410	Asm. − Accel. Valve	24	17	2
25−2430	Pin − Dowel	25	52	2
25−2440	Plate − Pump Valve	25	51	1
25−2450	Variable Swashplate	24	48	1
25−2460	Plug − HH	24	28	2
25−2470	Shim Pack	24	29	2
25−2480	Valve Spring	24	44	1
25−2490	Ball	24	9	2
25−2500	Shaft − Trunnion	24	43	1
25−2510	Washer − Flat	24	25	2
25−2530	Headless Straight Pin	24	39	1
25−2550	Housing − Charge Pump	24	34	1
25−2560	Cone − Relief Valve	24	31	2
25−2570	Valve Spring	24	30	1
25−2580	Shaft − Trunnion	24	26	1
25−2610	Accel. Valve Spring	24	16	1
25−2620	By−Pass Valve	24	15	1
25−2630	Back−Up Ring	24	14	1
25−2640	Valve Spring	24	8	2
25−2650	Plug − Check Valve	24	6	2
25−2680	Asm. − Gerotor	24	38	1
25−3180	Kit − Check Valve	24	11	2
25−3190	Charge Pump	24	40	1
25−3210	Seal − Lip	24	24	2

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
25−8640	Screw − Machine	30	10	1
26−6740	Relay − Temperature Reset	3	18	1
26−6750	Gauge − Engine Temp.	3	15	1
27−1960	Hub − Engine	30	37	1
27−2360	Switch − Key	3	10	1
27−6590	Spacer − Rubber Coupling	22	22	2
27−6600	Spacer − Rubber Coupling	22	20	6
27−7100	Asm. − Air Cleaner	49	17	1
27−7110	Asm. − Element	49	4	1
27−7120	Asm. − Nut & Gasket	49	5	1
27−7130	Asm. − Clamp	49	7	1
27−7140	Skirt − Baffle	49	6	1
27−7150	Asm. − Cup	49	8	1
27−7170	Asm. − Band	49	15	2
27−7180	Asm. − Cap, Air Inlet	49	20	1
27−7370	Asm. − Brake , PTO	9	25	1
27−7490	Pedal − L.H. Brake	11	41	1
27−7510	Pedal − R.H. Brake	11	42	1
27−7590	Mount − Brake	11	34	1
27−7640	Shaft − Brake Latch	11	36	1
27−7900	Screw − Adjusting	9	35	1
27−8550	Pedal − Parking Bake	11	45	1
27−9270	Mount − Brake Pivot Shaft	11	35	1
28−0650	Shaft − Flanged Axle	19	1	2
28−0670	Seal − Oil	19	8	2
28−0680	Drum − Brake	19	13	2
28−1280	Boot − Cable	1	12	1
28−5220	Wheel − Friction	11	25	1
28−8070	Lanyard	50	43	1
28−9570	Pump Lever	22	51	1
29−6120	Pump Plate	22	3	1
29−6150	Leaf Spring	22	46	1
29−6163	Micro Switch	22	2	1
29−6170	Extended Leaf Spring	22	7	1
29−8910	Washer	32	12	2
31−0390	Disc − Friction	13	31	1
33−2570	Asm. − Radiator	5	19	1
33−4380	Pump Hub	22	14	1
37−8770	Bolt − Shoulder	30	4	1
37−9550	Strap − Fuel Tank	16	7	1
37−9650	Trim	1	29	1
38−1650	Gauge − Fuel	3	5	1
38−1660	Ammeter	3	12	1
38−1670	Clamp − Mounting	3	2	2
38−3400	Guard − Rubber	26	5	1
38−3400	Guard − Rubber	26	33	1
38−3400	Guard − Rubber	23	60	1
38−3400	Guard − Rubber	6	64	1
38−4550	Instrument Cover	1	19	1
38−4600	Bar − Frame LH	5	26	1
38−7820	Bearing	32	5	2
39−8020	Trim − Instrument Cover	1	22	1
41−8760	Gasket − Transmission	22	45	1
42−6080	Shim	32	30	A/R
42−6080	Shim − Axle	16	30	A/R
42−7040	Seal − Side	36	65	4
42−7050	Guide − Oil Level Gauge	38	18	1
42−7060	Seal − Oil	36	55	1
42−7080	Cap − Sealing	35	15	2
42−7080	Cap − Sealing (25)	33	30	3
42−7090	Cap − Sealing	38	17	2
42−7090	Cap − Sealing (45)	33	36	1
42−7100	Bushing − Camshaft	36	79	1
42−7110	Shaft − Idler	35	11	1
42−7120	Case − Oil Seal	36	57	1
42−7130	Gasket − Oil Seal	36	58	1
42−7150	Gasket − Front Plate	35	9	1
42−7160	Pin − Dowel	38	21	1
42−7170	Plug − Expansion	39	51	1
42−7180	Bushing − Knock	39	50	2
42−7190	Bushing − Knock	39	72	2
42−7200	Bushing − Knock	39	52	1
42−7230	Bearing Set	36	64	1
42−7240	Bearing Set − Crankshaft	36	*	1
42−7250	Bearing Set − Crankshaft	36	*	1
42−7260	Bearing Set − Crankshaft	36	*	1
42−7270	Asm. − Gauge, Oil Level	38	22	1
42−7280	Asm. − Oil Pan	34	52	1
42−7290	Gasket	38	37	1
42−7290	Gasket − Oil Drain Plug (18)	33	50	1
42−7300	Gasket − Oil Pan	34	53	1
42−7310	Bearing − Needle	35	3	1
42−7320	Bearing − Needle	35	2	1
42−7340	Gasket − Gear Case	35	5	1
42−7390	Seal − Oil	36	82	1
42−7400	Plug − Taper	35	1	1
42−7420	Cap − Oil Filter	33	18	1
42−7440	Hanger − Engine	33	29	2
42−7460	Guide − Valve	33	27	6
42−7470	Gasket − Cylinder Head	34	63	1
42−7480	Glow Plug	33	28	3
42−7490	Seal − Oil	33	21	2
42−7500	Asm. − Cover, Rocker	33	23	1
42−7510	Pipe	33	4	2
42−7520	Gasket − Cover, Rocker	33	24	1
42−7530	Label − Engine No.	33	22	1
42−7540	Fitting − Water Outlet	33	15	1
42−7550	Gasket	33	9	2
42−7650	Asm. − Connecting Rod	36	49	3
42−7660	Bearing Set	36	60	3
42−7670	Bearing Set	36	*	3
42−7680	Bearing Set	36	*	3
42−7690	Bearing Set	36	*60	3
42−7700	Gear − Crankshaft	35	10	1
42−7710	Crankshaft	36	59	1
42−7720	Pulley − Crankshaft	36	83	1
42−7730	Key − Woodruff	39	58	1
42−7730	Key − Woodruff	36	62	2
42−7740	Nipple − Hose	33	11	1
42−7780	Gear − Camshaft	39	57	1
42−7790	Asm. − Idler Gear	39	56	1
42−7810	Shaft − Injection Pump Cam	39	55	1
42−7820	Bearing − Ball	39	53	1
42−7830	Gear − Injection Pump Cam	39	61	1
42−7840	Key − Sunk	39	54	1
42−7850	Retainer − Valve Spring	35	20	6
42−7860	Lock − Spring Retainer	35	21	12
42−7880	Spring − Valve	35	19	6
42−7890	Tappet	35	33	6
42−7920	Rod − Push	35	32	6
42−7930	Spring − Rocker Shaft L.H.	35	41	1
42−7940	Arm − Rocker	35	22	6
42−7950	Washer − Seat	35	24	2
42−7960	Shaft Assembly − Rocker	35	40	1
42−7970	Stay − Rocker	35	23	3
42−7980	Screw − Adjusting	35	30	6
42−7990	Ring − Snap	35	43	2
42−8000	Asm. − Pump, Fuel Injection	38	2	1
42−8010	Shim − 0.2 (.008 in.)	38	15	A/R
42−8020	Shim − 0.3 (.012 in.)	38	*	A/R
42−8030	Shim − 0.4 (.016 in.)	38	*	A/R
42−8040	Shim − 0.5 (.020 in.)	38	15	A/R
42−8050	Shim − 0.6 (.024 in.)	38	*	A/R
42−8060	Shim − 0.7 (.028 in.)	38	*	A/R
42−8070	Shim − 0.8 (.032 in.)	38	*	A/R
42−8080	Shim − 0.9 (.036 in.)	38	*	A/R
42−8090	Shim − 1.0 (.039 in.)	38	*	A/R
42−8100	Collar − Union	38	4	1
42−8120	Gasket − Nozzle Holder	33	35	3
42−8130	Asm. − Pipe, Fuel Injection	38	7	1
42−8140	Asm. − Pipe, Fuel Injection	38	11	1
42−8150	Asm. − Pipe, Fuel Injection	38	12	1
42−8180	Asm. − Pipe, Fuel Return	38	33	1
42−8190	Joint	38	35	2

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

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

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
42−9660	Washer − Plain (8)	34	54	4
42−9680	Washer	46	3	A/R
42−9690	Washer	46	*	A/R
42−9700	Washer	46	*	A/R
42−9710	Washer	46	*	A/R
42−9720	Washer	46	*	A/R
42−9730	Washer	46	*3	A/R
42−9740	Washer	46	*	A/R
42−9750	Washer	46	*	A/R
42−9770	Washer	42	9	1
42−9770	Washer	45	9	1
42−9790	Washer − Head Bolt	33	32	8
42−9800	Washer	33	20	2
42−9810	Washer − Flat	37	86	1
42−9820	Washer	39	73	1
42−9830	Washer − Seal	38	3	2
42−9850	Washer − Lock	33	2	24
42−9850	Washer − Lock	35	7	5
42−9850	Washer − Lock	40	9	2
42−9850	Washer − Lock	41	9	2
42−9850	Washer − Lock	38	31	7
42−9860	Washer −Spring	36	85	1
43−0080	Nut − Set	47	10	1
43−0090	Screw − Cap (10 x 25)	33	48	2
43−0110	Screw − HH	38	14	3
43−0110	Screw − HH	38	14	4
43−0120	Screw − Set	47	3	1
43−0190	Spring Set	48	4	1
43−0370	Shim	39	65	AIR
43−0380	Spacer	39	66	1
43−0390	Alternator	39	67	1
43−0400	Brace − Alternator	39	71	1
43−0410	Asm. − Regulator	3	25	1
43−0420	Asm. − Pulley	47	2	1
43−0430	Asm. − Bracket, Front	47	4	1
43−0470	Stator	47	9	1
43−0480	Asm. − Rear Bracket	47	14	1
43−0490	Asm. − Holder, Brush	47	11	1
43−0500	Brush	47	12	2
43−0520	Asm. − Rectifier	47	13	1
43−1440	Engine Assembly	30	13	1
43−1710	Asm. − Valve	26	13	1
43−1730	Body	29	7	1
43−1770	Plate − Rear	33	46	1
43−1780	Thermostat	33	14	1
43−1790	Fitting − Thermostat	33	10	1
43−1800	Flywheel	36	53	1
43−1810	Gear − Ring	36	54	1
43−1870	Manifold − Exhaust	33	42	1
43−1880	Asm. − Control Unit	3	27	1
43−1900	Screw − HH	39	68	1
43−1910	Fan − Cooling	32	1	1
43−1940	Adapter − Temp. Gauge	30	11	1
43−2550	Filter	7	15	1
43−2560	Gasket	7	16	1
43−2570	Gasket	7	14	1
43−2580	Magnet	7	17	1
43−2600	Capscrew	38	10	2
43−2710	O−Ring	38	19	1
43−2720	Mold	47	16	1
43−2730	Solenoid − Tubular	40	17	1
43−2730	Solenoid − Tubular	41	17	1
43−2740	Gasket	40	19	1
43−2740	Gasket	41	19	1
43−2750	Nut	40	18	1
43−2750	Nut	41	18	1
43−2770	Lever − Stop	40	35	1
43−2770	Lever − Stop	41	35	1
43−2800	Screw − HH	40	24	1
43−2800	Screw − HH	41	24	1
43−2820	Sealing Cap	40	25	1
43−2820	Sealing Cap	41	25	1
43−2830	Nut	40	4	1
43−2910	Plate − Ungleich Set	42	3	A/R
43−2920	Plate − Ungleich Set	42	*	A/R
43−2930	Plate − Ungleich Set	42	*	A/R
43−2940	Plate − Ungleich Set	42	*	A/R
43−2950	Plate − Ungleich Set	42	*	A/R
43−3000	Plate − Smoke Set	44	*	A/R
43−3010	Plate − Smoke Set	42	*	A/R
43−3010	Plate − Smoke Set	44	*	A/R
43−3020	Plate − Smoke Set	42	*	A/R
43−3020	Plate − Smoke Set	44	7	A/R
43−3030	Plate − Smoke Set	42	7	A/R
43−3040	Plate − Smoke Set	42	*	A/R
43−3050	Plate − Smoke Set	42	*	A/R
43−3060	Plate − Smoke Set	42	*	A/R
43−3070	Plate − Smoke Set	42	*	A/R
43−3110	Spring − Ungleich Set	42	2	1
43−3110	Spring − Ungleich Set	44	2	1
43−3120	Washer − Seal	40	27	1
43−3120	Washer − Seal	41	27	1
43−3130	Hose − Water	33	13	1
43−3140	Clamp − Hose	33	12	2
43−3150	Asm. − Bolt/Washer	43	17	2
43−3150	Asm. − Bolt/Washer	45	17	2
43−3160	Screw − Adjusting	40	33	1
43−3160	Screw − Adjusting	41	33	1
43−3190	Screw − HH	30	41	3
43−3200	Screw − HH	32	24	4
43−3210	Screw − HH	30	28	4
43−3320	Foam − Radiator	5	28	2
43−3330	Shroud − Radiator	5	17	1
43−3340	Plate − Sealing, Grille	5	42	1
43−3350	Hose − Upper Radiator	5	13	1
43−3510	Pulley − Engine	30	27	1
43−3530	Pulley − Flywheel	32	26	1
43−3690	Fan − Shaft	32	2	1
43−3700	Hub − Fan	32	4	1
43−3720	Collar − Bearing	30	32	1
43−3730	Bracket − Throttle Control	31	52	1
43−3760	Lever − Throttle	31	54	1
43−3770	Link − Throttle	30	1	1
43−3780	Swivel − Throttle Control	30	9	1
43−3790	Bracket − Belt Guide	30	48	1
43−3820	Spacer	3	34	1
43−3850	Muffler	32	17	1
43−3860	Shaft − Pivot, PTO	9	9	1
43−3870	Support − Muffler	32	8	1
43−3880	Pulley	32	10	1
43−3900	Guard − Fan Belt	8	5	1
43−3970	Panel − Instrument	3	16	1
43−3990	Throttle Control	3	23	1
43−4000	Circuit Breaker	3	21	1
43−4010	Asm. − Wire	4	4	2
43−4040	Asm. − Wire	4	3	1
43−4150	Fuel Tank	16	4	1
43−4160	Fitting − Return & Vent	16	13	1
43−4190	Asm. − Fitting	16	28	1
43−4230	Hose	31	56	1
43−4230	Hose Return	16	15	1
43−4300	Trim − Rear Frame	1	32	2
43−5500	Pivot − PTO	9	31	1
43−5540	Shaft − PTO	9	43	1
43−5550	Shaft − Actuator, PTO	9	32	1
43−5570	Arm − Actuator, PTO	9	38	1
43−5630	Yoke − PTO	9	51	1
43−5690	Hose − Vent, Fuel Tank	16	16	1
43−5910	V−Belt	32	11	1
43−5920	Washer − Lock	47	17	1
43−5920	Washer − Lock	39	63	1
43−5930	Washer − Lock	38	9	1
43−5930	Washer − Lock	40	15	4
43−5930	Washer − Lock	41	15	4

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
43−5930	Washer − Lock	35	28	2
43−5930	Washer − Lock	34	57	4
43−5930	Washer − Lock	31	64	2
43−5950	Washer − Lock	30	26	4
43−5960	Nut − Special	40	26	1
43−5960	Nut − Special	41	26	1
43−5970	Nut	39	62	1
43−6240	Shim − Plate	43	*	A/R
43−6240	Shim − Plate	45	*	A/R
43−6470	Nut	36	84	1
43−6550	Ring − Retaining	17	21	1
43−6710	Adjustment Shim .003	17	15	A/R
43−6711	Adjustment Shim .005	17	16	A/R
43−6712	Adjustment Shim .010	17	17	A/R
43−6713	Adjustment Shim .030	17	18	A/R
43−6750	Roller Bearing Cup	17	10	1
43−6760	Roller Bearing Cone	17	9	1
43−6810	Torque − Spider	19	6	2
43−6840	Lower Housing	18	34	1
43−7020	Hose − Lower Radiator	5	21	1
43−8600	Spring − Compression	8	25	1
43−8600	Spring − Compression	10	66	1
43−8610	Guide − Spring & Ball Seat	9	5	1
43−8610	Guide − Spring & Ball Seat	8	24	1
43−8620	Guide − Switch Pin	8	27	1
43−8620	Guide − Switch Pin	10	68	1
43−8860	Plunger − Switch	8	26	1
43−8860	Plunger − Switch	10	67	1
43−8870	Boot − Switch	8	30	1
43−8870	Boot − Switch	10	71	1
43−9071	Asm. − Switch	10	*	1
43−9071	Asm. − Switch	8	*	1
44−2210	Light − Warning	3	8	1
44−2220	Wire Lead	3	6	1
44−2230	Coupling − Rubber	22	17	2
44−8070	Asm. − Nozzle & Holder	33	34	3
44−8080	Body	46	1	3
44−8090	Asm. − Lever, Stop	40	31	1
44−8090	Asm. − Lever, Stop	41	31	1
44−8100	Spring Return	40	34	1
44−8100	Spring Return	41	34	1
44−8950	Tube − Air Cleaner	49	18	1
46−2210	Shim − Front Pinion Bearing	17	22	A/R
46−2211	Shim − Front Pinion Bearing	17	*	A/R
46−2212	Shim − Front Pinion Bearing	17	*22	A/R
46−2213	Shim − Front Pinion Bearing	17	*	A/R
46−2214	Shim − Front Pinion Bearing	17	*	A/R
46−2215	Shim − Front Pinion Bearing	17	*	A/R
46−2216	Shim − Front Pinion Bearing	17	*	A/R
46−2220	Shim − Front Pinion Bearing	17	*	A/R
46−2221	Shim − Front Pinion Bearing	17	*	A/R
46−2222	Shim − Front Pinion Bearing	17	*	A/R
46−2223	Shim − Front Pinion Bearing	17	*	A/R
46−2224	Shim − Front Pinion Bearing	17	*	A/R
46−2225	Shim − Front Pinion Bearing	17	*	A/R
46−2226	Shim − Front Pinion Bearing	17	*	A/R
46−2410	Shim − Front Pinion Bearing	17	*	A/R
46−2411	Shim − Front Pinion Bearing	18	22	A/R
46−2412	Shim − Front Pinion Bearing	18	*	A/R
46−2413	Shim − Front Pinion Bearing	18	*	A/R
46−2414	Shim − Front Pinion Bearing	18	*	A/R
46−2415	Shim − Front Pinion Bearing	18	*	A/R
46−2416	Shim − Front Pinion Bearing	18	*	A/R
46−2420	Shim − Front Pinion Bearing	18	*	A/R
46−2421	Shim − Front Pinion Bearing	18	*	A/R
46−2422	Shim − Front Pinion Bearing	18	*	A/R
46−2423	Shim − Front Pinion Bearing	18	*	A/R
46−2424	Shim − Front Pinion Bearing	18	*	A/R
46−2425	Shim − Front Pinion Bearing	18	*	A/R
46−2426	Shim − Front PInion Bearing	18	*	A/R
46−6390	Coupling − Drive	22	18	1
46−7610	Asm. − Starter	33	47	1
46−7630	Asm. − Bracket, Front	48	2	1
46−7640	Asm. − Lever	48	3	1
46−7650	Asm. − Bracket, Center	48	5	1
46−7660	Asm. − Switch	48	6	1
46−7670	Armature Set	48	8	1
46−7680	Bearing − Front	48	7	1
46−7710	Asm. − Shaft, Clutch	48	*	1
46−7720	Pinion Set	48	19	1
46−7740	Gear Set	48	*	1
46−7750	Asm. − Shaft, Pinion	48	18	1
46−7760	Gear	48	17	1
46−7780	Asm. − Yoke	48	11	1
46−8050	Packing	48	10	1
46−8091	Screw − Flange	5	49	2
46−8400	Bearing − Needle	25	53	2
46−8410	Shaft − Motor	25	58	1
46−8810	Stop − Leaf Spring	23	56	1
46−8840	Spring − Lift Arm	50	14	1
47−7420	Hose	31	55	1
48−1800	Kit − Cylinder Block	24	5	2
48−1980	Gasket	36	78	1
48−1990	Nut − Jam	36	77	1
48−2010	Asm. − Screen, Oil	36	76	1
48−2020	Cylinder Block Sub Asm.	34	62	1
48−7630	Screw − HH	31	63	2
51−7500	Spring − Pressure	46	4	3
51−7520	Piece − Distance	46	6	3
51−7740	Stopper	48	20	1
51−7780	Cover Set	48	16	1
51−7810	Asm. − Brush Holder	48	13	1
51−7820	Spring − Brush	48	12	4
51−7830	Bracket − Rear	48	14	1
51−7850	Nut Set	47	1	1
51−7890	Screw − Set	47	19	1
51−7910	Asm. − Rotor	47	7	1
51−7920	Bearing − Rear	47	8	1
53−8150	Asm. − Fuel Pump, Electric	7	13	1
53−9480	Washer	32	28	2
53−9480	Washer	30	39	2
53−9660	V−Belt Torque Team	9	12	1
53−9680	Engine Mount − Rubber	30	23	2
53−9680	Mount − Engine, Rubber	32	29	2
53−9710	Mount − Engine	30	22	2
53−9750	Mount − Fan	32	6	1
54−7890	Housing − Pump	24	22	1
54−8650	Screw − HHF	39	70	1
54−8660	Washer	39	69	1
54−8670	Bolt − Flywheel	36	52	5
54−8680	Shim − Plate	43	*	A/R
54−8680	Shim − Plate	45	*	A/R
54−8690	Shim − Plate	43	*	A/R
54−8690	Shim − Plate	45	*	A/R
54−8700	Plate − Smoke Set	42	7	A/R
54−8700	Plate − Smoke Set	44	7	A/R
54−8710	Plate − Smoke Set	42	*	A/R
54−8710	Plate − Smoke Set	44	*	A/R
54−8730	Plate − Smoke Set	42	*	A/R
54−8740	Plate − Smoke Set	42	*	A/R
54−8750	Plate − Smoke Set	42	*	A/R
54−8760	Plate − Smoke Set	42	*	A/R
54−8770	Plate − Smoke Set	42	*	A/R
54−8780	E−Ring	42	5	1
54−8780	E−Ring	44	5	1
54−9290	Bracket	22	29	2
54−9300	Cover	22	28	1
55−3572	Fuel Cap	16	18	1
56−0220	Pin − Dowel	35	13	2
56−0750	Clamp	38	8	2
56−0760	Clamp	38	13	2
56−0900	Plate − Smoke Set	44	*	A/R
56−0910	Plate − Smoke Set	44	*	A/R
56−0920	Plate − Smoke Set	44	*	A/R

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
56−0930	Plate − Smoke Set	44	*	A/R
56−0960	Plate − Smoke Set	42	*	A/R
56−0990	Plate − Smoke Set	44	*	A/R
56−1000	Plate − Smoke Set	44	*	A/R
56−1010	Plate − Smoke Set	44	*	A/R
56−1310	Asm. − Oil Pressure Switch	38	41	1
56−2120	Screw − Hex. Hd.	39	74	1
56−2460	Washer	20	45	A/R
56−7980	Sleeve − Protective	16	24	1
60−9760	Nut	27	12	1
60−9760	Nut − Hex	28	7	1
60−9770	Piston	27	11	1
60−9780	Head	27	5	1
61−4960	Kit − Seal Repair	27	*	1
61−4980	Shaft − w/Clevis	27	1	1
61−4990	Ring − Retaining	27	4	1
62−3730	Screw − HH w/Washer	35	8	2
62−3740	Plate − Front	35	6	1
62−4250	Cylinder − Hydraulic	26	21	1
62−6840	Sender − Fuel Level	16	12	1
62−6940	Cap	40	37	1
62−6940	Cap	41	37	1
62−7650	Gasket	16	8	1
63−1400	Guide − Belt	31	58	1
63−7590	Relay	3	42	1
63−8280	Asm. − Head	7	5	1
63−8290	Vent	7	3	1
63−8300	Element − Fuel Filter	7	10	1
63−8310	Drain Valve	7	11	1
63−8360	Key	3	11	1
63−8960	Asm. − Hose, Valve/Cooler	5	38	1
63−8970	Hose − Trans. to Steering	13	14	1
63−8980	Hose − Aux. to Valve	13	22	1
63−8990	Hose	26	15	1
63−8990	Hose	13	23	1
63−9010	Asm. − Hose, Cooler/Pump	5	27	1
63−9230	Battery Type MF24−78, Dry	1	9	1
63−9260	Manifold − Valve	26	17	1
63−9640	Hose Fuel	16	27	1
63−9650	Hose	7	20	1
63−9720	Hose	7	7	1
65−5100	Handle − Hood	5	12	1
66−1250	Cylinder − Hydraulic	26	*	1
66−1930	Nut − Lock	21	6	1
66−1940	Piston	21	5	1
66−2990	Cap − Spindle	20	54	2
66−3200	Tread − Foot, LH	2	58	1
66−3240	Cap − Radiator	6	53	1
66−5310	Pulley − Idler	32	18	1
66−5320	Spacer	32	19	1
66−6370	Lift Arm	50	1	1
66−7030	Screw − HH w/Washer	32	32	2
66−7150	Push Arm R.H.	50	9	1
66−8111	Trim − Hood Cutout	6	54	1
66−9760	Nut − Hex.	13	2	1
66−9780	Bushing	14	29	1
66−9970	Spring Kit	14	*	1
66−9980	Seal Kit	14	*	1
66−9990	Needle Roller Kit	14	*	1
67−1750	Bushing	20	4	6
67−2390	Plug − Taper	35	12	2
67−2390	Plug − Taper	38	36	1
67−2500	Plunger − Relief	38	40	1
67−2520	Plug	38	38	1
67−2560	Screw − HH	40	28	3
67−2560	Screw − HH	41	28	3
67−2570	Plug − Taper	38	25	1
67−2570	Plug − Taper 1/8	33	37	1
67−2860	Bolt − Connecting Rod	36	50	6
67−4040	Asm. − Weight, Governor	40	16	1
67−4040	Asm. − Weight, Governor	41	16	1
67−5450	Piston	28	6	I
67−5460	Head	28	5	1
67−5470	Ring − Retaining	28	4	1
67−5480	Shaft	28	2	1
67−5500	Kit − Repair	28	3	1
67−8020	Pump Shaft	24	20	1
67−8050	Bearing − Needle	24	35	1
67−8190	Bracket − Engine Support	8	12	2
67−8470	Strip − Retainer	5	30	1
67−8570	Strip − Sealing	5	41	1
67−8690	Support − Column	13	7	1
67−8810	Hinge L.H.	8	10	1
67−8820	Hinge, R.H.	8	4	1
67−8840	Pin − Hinge	5	7	1
67−8870	Support − Radiator	5	46	1
67−9000	Screen − Rear	5	3	1
67−9030	Grille	5	47	1
67−9080	Housing − Motor	24	4	1
67−9090	Plug	24	42	1
67−9100	Gasket	24	10	1
67−9800	Bumper	50	37	1
68−5140	Cap − Steering Wheel	13	46	1
68−5370	Decal − Toro	13	1	1
68−8610	Fender − Extension	2	43	1
68−8660	Elbow	22	31	1
68−8990	Head − Filter	22	33	1
68−9110	Shim	32	37	A/R
68−9111	Shim	32	*	A/R
68−9112	Shim	32	*	A/R
68−9160	Bracket	5	35	1
68−9650	Hose − Axle	22	37	1
68−9710	Hose − Steering Cylinder	16	43	2
68−9720	Hose − Cylinder to Steering	13	19	1
68−9730	Hose − Steering to Cylinder	13	18	1
68−9760	Base − Fuel Tank	16	2	1
70−1180	Cable − Battery Positive	1	13	1
70−1190	Cable − Ground	3	43	1
70−1190	Ground Cable	4	5	1
70−1380	Sleeve − Protective	13	17	1
70−1390	Sleeve − Protective	13	15	1
70−2200	Decal − Toro	1	2	1
70−2620	Elbow − 90	22	38	1
70−2810	Spring − Brush	47	15	1
70−3320	Bearing − Front	47	5	1
70−3330	Bearing − Rear	48	9	1
70−3970	Shim − Plate	43	26	A/R
70−3970	Shim − Plate	45	26	A/R
70−4070	Shim − Plate	43	*	A/R
70−4070	Shim − Plate	45	*	A/R
70−4080	Shim − Plate	43	26	A/R
70−4080	Shim − Plate	45	26	A/R
70−4090	Shim − Plate	43	*	A/R
70−4090	Shim − Plate	45	*	A/R
70−4100	Shim − Plate	43	*	A/R
70−4100	Shim − Plate	45	*	A/R
70−4240	E−Ring	42	1	1
70−4240	E−Ring	44	1	1
71−4540	Washer − Thrust	20	8	A/R
72−3690	Fender	2	41	2
72−3750	Bearing − Ball	24	2	1
72−4200	Ring − Set − Piston Std.	35	44	3
72−4210	Ring Set − Piston	35	45	3
72−4220	Ring Set − Piston	35	46	3
72−4230	Ring Set − Piston	35	47	3
72−4240	Piston & Piston Pin Std.	36	48	3
72−4250	Piston & Piston Pin	36	*	3
72−4260	Piston & Piston Pin	36	*	3
72−4270	Piston & Piston Pin	36	*	3
72−4280	Camshaft	39	59	1
72−4290	Asm. − Head, Cylinder	33	8	1
72−4320	Switch − Ball	9	3	1
72−4320	Switch − Ball	8	20	1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
72−6950	Retainer − Oil Level Guide	38	20	1
72−9420	Asm. − Vent Tube	18	39	1
74−0720	Tube − Manual	8	2	1
74−9510	Washer	25	60	4
75−0560	Asm. − Steering Wheel	13	3	1
75−9900	Engine Support − Front	30	29	1
76−1900	O−Ring	24	18	2
77−3120	Bracket − Mount, Column	13	9	1
77−3140	Mount − Engine	32	22	1
77−3170	Stop − Hood Cable	5	22	2
77−3180	Spacer	49	22	4
77−5141	Decal − Hood LH	5	50	1
77−5151	Decal − Hood RH	5	*	1
77−5160	Foam − Side	5	2	1
77−5170	Foam − Top	5	1	1
77−5250	Spacer − Hood Cable	5	23	4
79−9890	Washer − Shim	10	75	A/R
80−2880	Bracket − Steering, Tilt	13	40	1
80−2930	Washer	13	39	1
80−2940	Plate − Pivot	13	29	1
80−2960	Spacer − Tower	13	10	2
80−2980	Boss − Pin	13	32	1
80−3330	Gasket	49	12	1
82−2590	Plug − Thrust	37	88	1
82−8650	Clamp − Half	13	37	1
82−8660	Cover − Tower	13	5	1
82−8670	Rod − Brake Latch	11	10	1
82−8760	Elbow	13	12	1
82−8770	Elbow	13	21	1
82−8940	Decal − Steering, Tilt	13	44	1
82−8950	Foam − Flange Hood	5	45	2
82−9010	Disc − Friction	13	38	1
84−8500	Lever − PTO	9	2	1
84−8520	Bracket − PTO Switch	9	6	1
84−8600	Asm. − Shoe & Lining	19	9	1
86−7040	Rod − Seat Prop	8	32	1
86−7050	Bracket − Switch Actuator	10	73	1
86−7220	Gear − Transmission Output	22	44	1
86−7230	Spur−Gear	17	14	1
86−8100	Asm. − Ball Joint	50	33	2
86−9410	Bracket − Seat Support	6	59	1
86−9580	Upper Housing	18	26	1
86−9600	Asm. − Differential	16	35	1
88−0070	Floor Plate	2	48	1
88−0470	Tube − Pedal, Spacer	11	49	1
88−1640	Pin − Traction Pedal	11	20	1
88−1650	Shaft − Traction Pedal	11	22	1
88−1670	Bracket − Pivot	11	23	1
88−1680	Bracket − Footrest	11	48	1
88−1710	Footrest	12	50	1
88−1720	Pad − Footrest	12	51	1
88−1790	Asm. − Wire Harness	4	2	1
88−3370	Spacer − Sealing Plate	6	62	1
88−3390	Plate − Sealing	5	37	1
92−1773	Screw − HH	17	11	4
92−1774	Oil Seal	19	2	2
92−1961	Seal − Valve Stem	35	18	6
92−4058	Arm − PTO	9	30	1
92−4060	Fork − PTO	9	24	1
92−4848	Asm. − Gear & Pinion	18	*	1
92−4903	Asm. − Upper Hsg. 2WD	18	*	1
92−5723	Bushing − PTO Fork	9	23	2
92−5727	Screw − HH	9	22	2
92−5938	Ball Joint	20	14	2
92−6588	Gland	21	3	1
92−6593	Seal Kit	21	2	1
92−7308	Valve − Power Steering	13	25	1
92−7310	Bolt − Special	14	36	4
92−7314	Asm. − Column	14	*	1
92−7315	Seal	14	28	1
92−7316	Nut − Push On	14	38	4
92−7317	Foam	14	39	1
92−7801	Shield − Battery Cover	2	53	1
92−7803	Support − Axle	20	6	1
92−7807	Pin − Rear Axle	20	3	1
92−7816	Axle − Rear	20	35	1
92−7821	Steering Pivot	20	38	1
92−7828	Cylinder − Hydraulic	20	16	1
92−7833	Hose − Hydraulic	26	19	1
92−7834	Hose	26	22	1
92−7845	Spacer − Hardened	20	55	1
92−8775	Kit − Gasket, Liquid	19	*	2
92−8776	Plug	25	61	4
92−8777	O−Ring	25	62	4
92−8918	Center Section	25	55	1
92−8947	Transmission − Inline	22	42	1
93−0307	Retainer − Nut, Lock	20	56	2
93−0309	Washer − Tab	20	27	2
93−1351	Valve − Intake	35	16	3
93−1352	Valve − Exhaust	35	17	3
93−1353	Lever − Steering Tilt	13	34	1
93−1369	Asm. − Head, Cylinder	33	*	1
93−3180	Bolt − Cylinder Head	33	25	3
93−3181	Pin − Pressure	46	5	3
93−3183	Tool Box	2	36	1
93−3184	Cover	2	54	1
93−3188	Decal − Groundsmaster	5	4	2
93−3198	Asm. − Spindle L.H.	20	33	1
93−3199	Asm. − Spindle R.H.	20	1	1
93−3654	Screw	47	18	1
93−3655	Screw − Set	48	1	1
93−3656	Gasket − Pump, Water	34	68	1
93−3657	Pin − Dowel	39	47	2
93−3685	Pipe − Air Breather	33	16	1
93−3687	Bolt Set	48	15	1
93−3688	Cap − Shipping	35	31	1
93−3689	Case − Gear	35	4	1
93−3769	Pin − Clevis	9	26	1
93−4132	O−Ring	25	54	2
93−4133	Seal − Lip	24	36	1
93−6668	Decal − Charging	2	62	1
93−6680	Decal − Diesel Fuel	1	31	1
93−6696	Decal − Warning	50	12	3
93−7040	Support Reinforcement	50	18	1
93−7042	Cover − Flywheel Guard	20	51	1
93−7252	Decal − CE	2	63	1
93−7272	Decal − Warning	5	15	3
93−7275	Decal − Starting Fluid	49	19	1
93−7276	Decal − Danger	2	61	1
93−7410	Panel − Footrest	2	57	1
93−7416	Insert − Shield, Dust	19	20	2
93−7626	Fender − RH	2	59	1
93−7644	Pin − Hitch	50	42	1
93−7650	Lever − Locking	50	41	1
93−7806	Decal − Power Take off	1	18	1
93−7813	Decal − Instrument Panel	3	46	1
93−7821	Decal − Radiator Coolant	5	48	1
93−7822	Decal − Refueling	1	33	1
93−7823	Decal − Oil	16	42	1
93−7830	Decal − Torque	2	42	2
93−7831	Decal − Parking Brake	11	12	1
93−7832	Decal − Caution	1	3	1
93−7836	Decal − Traction Pedal	1	1	1
93−7840	Decal − Radiator Cap	6	65	1
93−8472	Guard − Flywheel	8	34	1
93−8738	Guard − Flywheel	20	57	1
93−8742	Pad − Brake	11	1	1
93−8743	Pad − Turn	11	2	2
93−9729	Guard − Fan	6	67	1
94−2689	Frame	2	40	1
94−3304	Pedal − Traction	11	18	1
94−3307	Pad − Front Pedal	11	47	1
94−3308	Pad − Pedal Rear	11	19	1
94−6934	Screw − Socket Head	19	21	8

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
94−6935	Nut − Lock	19	18	8
94−6936	Washer	19	23	8
94−9160	Engine Assembly	30	13	1
95−1566	Plate − Ungleich Set	44	3	A/R
95−1567	Plate − Ungleich Set	44	*	A/R
95−1568	Plate − Ungleich Set	44	*	A/R
95−1569	Plate − Ungleich Set	44	*	A/R
95−1570	Plate − Ungleich Set	44	*	A/R
95−1571	Plate − Ungleich Set	44	*	A/R
95−1572	Plate − Ungleich Set	44	*	A/R
95−1573	Plate − Smoke Set	44	*	A/R
95−1574	Plate − Smoke Set	44	*	A/R
95−1576	Plate − Smoke Set	44	*	A/R
95−1821	Spring − Compression	11	9	1
95−1836	Hose − Air Cleaner	49	10	1
95−2746	Decal − Starting Instructions	1	20	1
95−3092	400 Hour Filter Kit	23	*	1
95−3092	400 Hour Filter Kit	39	*	1
95−3092	400 Hour Filter Kit	49	*	1
95−3092	400 Hour Filter Kit	7	*	1
212−93	Clip − Wire	10	53	1
212−93	Wire Clip	8	18	2
217−106	Wheel	20	22	2
217−116	Rim − 23x10.5x12	16	*	2
217−117	Rim	16	33	2
218−461	Nut − Jam	8	29	1
218−461	Nut − Jam	10	70	2
218−473	Boot − Switch, Toggle	3	17	1
218−515	Bracket − Mounting	3	39	1
218−533	Lens	3	9	1
218−539	Clamp	3	13	1
231−90	Tube − Inner	16	*	2
231−95	Tire − 23x10.5x12	16	*	2
231−105	Tire	20	24	2
231−138	Tire − 6 Ply	16	31	2
232−27	Valve Stem	16	*	1
232−31	Valve Stem w/Cap	20	23	2
232−31	Valve Stem w/Cap	16	34	2
233−17	Knob	11	11	1
233−21	Knob	26	3	1
233−35	Knob	3	7	2
237−7	O−Ring	8	28	1
237−7	O−Ring	10	69	1
237−22	O−Ring	20	13	1
237−22	O−Ring	24	13	1
237−22	O−Ring	13	20	3
237−22	O−Ring	26	29	2
237−22	O−Ring	23	58	1
237−30	O−Ring	9	4	1
237−30	O−Ring	13	13	3
237−30	O−Ring	8	23	1
237−30	O−Ring	26	30	2
237−30	O−Ring	23	59	1
237−42	O−Ring	29	2	2
237−42	O−Ring	26	31	2
237−42	O−Ring	23	57	2
237−78	O−Ring	26	32	2
237−80	O−Ring	22	30	1
237−80	O−Ring	24	33	1
237−81	O−Ring	22	32	3
237−86	O−Ring	24	7	4
237−95	O−Ring	24	41	1
237−141	Bumper − Radiator	6	52	2
241−119	Dust Cap	20	20	2
242−34	Stud − Axle Flange	19	11	10
242−50	Nut − Wheel	20	21	10
249−21	Hook Clamp	1	16	3
249−39	Latch − Flexible Draw	5	24	1
249−40	Keeper	6	56	1
2412−3	Clamp − Hose	5	14	4
2412−3	Hose − Clamp	49	9	1
2412−4	Clamp	16	23	1
2412−4	Clamp	1	27	3
2412−6	Clamp	16	17	2
2412−31	Clamp − Bodine	30	6	1
2412−34	Clamp − Hose	22	36	2
2412−36	Clamp	13	24	2
2412−36	Clamp − Hose	26	16	1
2412−39	Clamp	5	40	1
2412−42	Hose Clamp	49	11	1
2412−61	Clip − Tinnerman	1	25	2
2412−74	Clamp	1	35	1
2412−79	Clamp	16	14	1
2412−79	Clamp	30	15	1
2412−79	Clamp − Hose	38	34	8
2412−108	Clamp − Hose	26	28	2
2412−108	Clamp − Worm Drive	30	14	1
2412−108	Hose Clamp	7	1	5
2412−126	R−Clamp	16	25	1
2412−127	Clamp	5	6	4
2412−133	R−Clamp	8	3	2
251−8	Bearing − Ball	24	46	1
251−234	Collar − Lock	9	41	2
251−252	Bearing − Ball	30	33	1
251−252	Bearing − Ball	9	40	2
251−259	Bearing − Ball	22	5	1
252−82	Bearing − Needle	24	23	2
253−129	Closure	20	31	2
254−65	Cone − Tapered Bearing	18	28	2
254−66	Cup − Tapered Bearing	18	27	2
254−72	Cup − Bearing	20	29	4
254−90	Bearing Cup	18	24	1
254−91	Bearing Cone	18	23	1
254−94	Cone − Bearing	20	28	4
256−10	Bushing	11	43	4
256−113	Bushing − Flange	9	47	4
256−121	Bushing − Thrust	20	34	2
256−126	Bushing	50	16	6
256−156	Bushing	11	6	5
256−242	Bushing	20	41	2
281−1	Plug − Taper	38	16	1
283−10	Pin	50	40	3
283−17	Pin	26	26	1
283−42	Pin − Clevis	9	7	1
283−58	Pin − Clevis	11	14	2
283−76	Pin − Lynch	6	60	1
285−17	Plug − Pipe	24	12	2
289−37	Pipe Nipple	16	40	1
2811−9	Street Elbow	16	39	1
302−2	Fitting − Grease	9	39	1
302−5	Fitting − Grease	20	19	3
302−5	Fitting − Grease	50	34	2
302−5	Fitting − Grease	11	44	2
302−5	Fitting − Grease	50	13	1
302−10	Fitting − Grease	9	10	1
302−10	Fitting − Grease	30	31	1
302−11	Fitting − Grease	20	36	1
302−33	Fitting − Grease	50	28	2
302−40	Fitting − Grease	20	11	2
302−55	Fitting − Grease	27	2	2
302−55	Fitting − Grease	28	1	2
304−46	Drain Cock	5	25	1
304−73	Fitting − Straight Barb	26	23	1
304−73	Hose Barb	7	19	1
304−75	Fitting − 90 Barb	26	20	1
304−96	90 Hose Barb	7	2	1
321−2	Screw − HH	22	26	2
321−3	Screw − HH	32	36	4
321−4	Screw − HH	7	4	2
321−4	Screw − HH	5	5	2
321−4	Screw − HH	30	7	1
321−4	Screw − HH	22	27	2
321−4	Screw − HH	3	30	2
321−4	Screw − HH	10	72	1

*Not Illustrated

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Part No.	Description	Pg. No.	Ref. No.	Qty.
321−6	Screw − Cap Hex. Hd.	7	12	2
321−6	Screw − HH	16	20	1
321−6	Screw − HH	3	44	1
321−6	Screw − HH	22	47	2
321−23	Screw − HH	26	14	5
322−2	Screw − HH	8	21	2
322−4	Screw − HH	16	26	1
322−4	Screw − HH	24	37	4
322−4	Screw − HH	13	43	1
322−5	Screw − HH	3	29	2
322−5	Screw − HH	1	34	1
322−6	Screw − HH	22	21	6
322−6	Screw − HH	5	43	1
322−8	Screw − HH	22	25	2
322−10	Screw − HH	49	13	4
322−17	Screw − HH	22	8	1
323−6	Screw − Cap Hex. Hd.	18	46	1
323−6	Screw − HH	13	27	2
323−7	Screw − HH	22	39	2
323−13	Screw − HH	11	32	1
323−14	Screw − HH	5	32	3
323−14	Screw − HH	12	56	1
323−42	Screw − Cap Hex. Hd.	12	54	1
323−56	Screw − HH	24	3	4
324−4	Screw − HH	50	19	2
324−11	Screw − HH	50	22	2
324−11	Screw − HH	32	27	2
324−12	Screw − HH	30	38	2
329−7	Screw − HH	31	53	1
3210−7	Screw − HH	22	6	1
3210−7	Screw − HH	17	19	8
3217−5	Nut − Hex.	31	50	1
3217−6	Nut	49	2	2
3217−6	Nut − Hex	3	32	2
3217−6	Nut − Hex.	1	7	2
3217−7	Nut − Hex	11	28	2
3217−8	Nut −Full	50	8	2
3217−9	Nut	18	42	2
3217−16	Nut − Hex.	22	48	2
3217−26	Nut − Hex.	3	37	1
3218−5	Nut − Jam	11	3	2
3218−7	Nut − Jam	13	42	1
3219−1	Nut	30	2	5
3219−2	Nut	17	1	8
3219−2	Nut − Hex	22	9	1
3219−3	Nut − Hex.	9	33	1
3219−7	Nut − Hex.	9	16	1
3219−14	Nut − Hex.	3	1	6
3219−14	Nut − Hex.	16	10	1
3220−3	Nut − Jam	11	27	1
3220−3	Nut − Jam	20	43	8
3220−5	Nut − Jam	11	46	1
3220−5	Nut − Jam R.H. Thd.	20	40	2
3220−6	Nut	14	27	1
3220−6	Nut − Jam	20	37	4
3220−7	Nut − Jam	20	25	2
3220−12	Nut − Jam L.H. Thd.	20	*	2
3229−1	Bolt − Carriage	2	38	6
3230−1	Bolt − Carriage	12	52	2
3230−2	Bolt − Carriage	16	29	3
3231−21	Bolt − Carriage	11	31	2
3233−14	Bolt − Carriage	32	9	1
3234−1	Screw − HHF	5	18	2
3234−11	Screw − Flange	8	13	6
3234−11	Screw − Flange	5	39	1
3234−11	Screw − HF	16	1	2
3234−11	Screw − HH	32	31	4
3234−11	Screw − HH	11	39	3
3234−11	Screw − HH	30	45	4
3234−11	Screw − HHF	1	28	5
3234−12	Screw − Flange	32	33	2
3234−12	Screw − HHF	1	6	5
3234−13	Screw − HHF	20	53	2
3234−14	Screw − HH	8	6	5
3234−14	Screw − HH	2	44	2
3234−14	Screw − HHF	5	16	11
3234−17	Screw − HH	13	8	2
3234−17	Screw − HH	8	16	4
3234−18	Screw − HH	31	60	1
3234−25	Screw − HHF	2	50	4
3234−32	Screw − Flange	8	11	2
3234−32	Screw − HHF	20	7	4
3234−33	Screw − Flange	2	60	1
3241−5	Screw − Set	22	16	2
3241−5	Screw − Set Socket Head	30	36	2
3245−1	Screw − Set	9	46	2
3246−3	Screw − Set	9	29	4
3249−11	Screw − Mach. Rd. Hd.	22	1	2
3250−17	Screw − PH	3	22	2
3253−3	Washer − Lock	16	5	2
3253−3	Washer − Lock	32	35	4
3253−3	Washer − Lock	31	51	3
3253−4	Washer − Lock	1	8	2
3253−4	Washer − Lock	32	21	5
3253−4	Washer − Lock	30	47	2
3253−6	Washer − Lock	50	7	2
3253−17	Washer − Lock	3	3	6
3253−17	Washer − Lock	16	9	1
3253−21	Washer − Lock	11	29	4
3253−21	Washer − Lock	22	40	2
3253−21	Washer − Lock	18	45	1
3253−21	Washer − Lock	10	55	4
3254−2	Washer − Lock, Int. Tooth	30	18	2
3254−2	Washer − Lock, Int. Tooth	3	24	6
3254−2	Washer − Lock, Int. Tooth	2	51	1
3254−7	Washer − Lock	9	15	1
3254−9	Washer − Lock	22	49	2
3255−5	Washer − Lock	3	38	1
3255−7	Washer − Lock, Ext. Tooth	3	31	3
3255−7	Washer − Lock	22	50	3
3255−7	Washer − Lock, Ext. Tooth	7	21	2
3255−8	Washer − Lock	17	2	8
3255−9	Washer − Lock, Ext. Tooth	31	61	1
3256−3	Washer − Flat	22	23	4
3256−3	Washer − Flat	13	28	4
3256−6	Washer − Flat	9	20	1
3256−6	Washer − Flat	18	43	2
3256−6	Washer − Flat	22	53	1
3256−14	Washer − Flat	3	35	1
3256−22	Washer − Flat	11	8	1
3256−22	Washer − Flat	30	8	1
3256−22	Washer − Flat	6	68	4
3256−23	Washer − Flat	8	22	2
3256−25	Washer − Flat	50	6	1
3256−26	Washer − Flat	11	40	1
3256−28	Washer − Flat	9	14	4
3256−41	Washer − Flat	9	36	4
3256−46	Washer − Flat	13	26	2
3256−64	Washer − Flat	30	25	4
3257−5	Key − Woodruff	9	11	3
3257−30	Key − Woodruff	32	3	2
3257−32	Key − Woodruff	22	15	1
3257−32	Key − Woodruff	24	21	1
3257−33	Key − Woodruff	30	30	1
3258−19	Screw − Mach. Rd. Hd.	49	16	2
3269−10	Washer − Backup	5	10	2
3272−5	Pin − Cotter	11	7	3
3272−6	Pin − Cotter	26	8	1
3272−6	Pin − Cotter	9	8	1
3272−6	Pin − Cotter	11	21	6
3272−7	Pin − Cotter	50	44	1
3272−10	Pin − Cotter	50	38	3
3272−10	Pin − Cotter	23	54	1
3272−11	Pin − Cotter	50	2	2

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
3272−11	Pin − Cotter	9	28	1
3272−13	Pin − Cotter	20	26	2
3272−16	Pin − Cotter	32	14	2
3272−22	Pin − Cotter	9	17	2
3272−24	Pin − Cotter	50	10	1
3272−33	Pin − Cotter	50	17	1
3274−47	Screw − HSFH	11	33	1
3274−69	Screw − Socket Hd.	6	57	6
3290−134	Screw − HH	3	4	2
3290−144	Screw − HH	2	55	3
3290−144	Screw − Machine	1	17	6
3290−224	Washer − Lock	31	59	1
3290−271	Rivet	5	11	4
3290−357	Nut − Flange	32	7	8
3290−357	Nut − Flange	8	14	6
3290−357	Nut − Flange	1	26	5
3290−357	Nut − Flange	30	43	7
3290−378	Cable Tie	7	8	A/R
3290−378	Cable Tie	1	23	2
3290−379	Cable Tie	3	41	1
3290−379	Tie − Cable	13	16	3
3290−379	Tie − Cable	5	31	4
3290−379	Tie − Cable	30	16	1
3290−424	Screw − HH	3	28	1
3296−2	Nut	1	14	6
3296−2	Nut − Lock	2	56	3
3296−6	Nut − Lock	9	34	1
3296−12	Nut − Lock	3	26	3
3296−16	Nut − Lock	10	74	1
3296−20	Nut − Lock	30	5	1
3296−20	Nut − Lock	16	22	2
3296−20	Nut − Lock	13	30	4
3296−28	Nut − Lock	9	27	1
3296−29	Nut − Lock	22	4	1
3296−29	Nut − Lock	49	21	4
3296−29	Nut − Lock	13	36	2
3296−42	Nut − Lock	22	10	6
3296−42	Nut − Lock	26	10	5
3296−59	Nut − Lock	6	63	1
32103−2	Nut − Wing	1	11	3
32103−2	Nut − Wing	5	51	2
32104−6	Screw − Tap	10	56	4
32104−96	Screw − HH	16	6	1
32104−109	Screw − Hex. Hd.	6	66	4
32104−116	Screw − Tap	5	20	4
32107−11	Nut	49	14	2
32111−8	Nut − Acorn	5	8	2
32120−8	Ring − Retaining	24	1	1
32120−11	Ring − Retaining	24	47	1
32120−15	Ring − Retaining	24	45	1
32120−22	Ring − Retaining	9	42	2
32120−22	Ring − Retaining, Internal	30	34	1
32120−69	Ring − Retaining, External	30	35	1
32120−72	Ring − Retaining External	22	43	1
32121−6	Pin − Roll	22	11	1
32121−6	Pin − Roll	11	24	1
32121−9	Pin − Roll	9	49	1
32121−15	Pin − Roll	18	30	1
32121−24	Pin − Roll	23	55	1
32121−73	Pin − Slotted Spring	26	9	1
32121−84	Pin − Roll	50	25	2
32121−91	Pin − Coil ,Spring	24	49	3
32122−16	Screw − Truss Hd.	6	61	1
32128−20	Nut − Flange	16	37	3
32128−20	Nut − Flange	2	37	1
32128−20	Nut − Flange	13	41	1
32128−20	Screw − HHF	5	29	11
32128−21	Nut − Flange	1	5	10
32128−21	Nut − Flange	5	36	5
32128−23	Nut − Flange	20	5	4
32128−23	Nut − Flange	32	16	1
32128−23	Nut − Flange	30	24	2
32128−25	Nut − Flange	12	53	2
32128−32	Nut − Flange	5	9	8
32128−33	Nut − Flange	2	39	6
32128−37	Nut − Flange	32	23	2
32128−37	Nut − Flange	30	44	2
32128−42	Nut − Flange	50	27	4
32128−43	Nut − Flange Lock	12	55	2
32136−2	Nut − Hex. Slotted	50	3	2
32136−3	Nut − Hex. Slotted	32	13	2
32144−10	Screw − Tap	26	4	2
32144−10	Screw − Tap	13	6	6
32144−10	Screw − Tap	8	33	2
32144−10	Screw − Tap	2	45	11
32144−10	Screw − Tap	20	52	4
32144−14	Screw − Tap	20	2	1
32144−21	Screw − PPH	13	45	1
32144−53	Screw − Tap	16	11	5
32144−67	Screw − Tap	16	36	4
32146−20	Nut − Lock	20	9	1
32148−9	Nut − Clinch	2	64	1
32149−2	Nut	7	9	2
32149−2	Nut	7	22	2
32149−2	Nut	11	37	1
32149−2	Nut − Lock	3	33	3
32151−36	Ring − Retaining	20	12	3
32151−46	Ring − Retaining	24	27	2
32151−104	Ring − Retaining	20	10	2
32152−1	Nut − Flange	30	12	1
32152−1	Nut − Lock	22	19	8
32153−2	Nut − Hex.	13	11	2
32153−2	Nut − Lock	11	30	2
32153−2	Nut − Lock	31	57	1
340−54	Fitting 45	20	15	2
340−70	Nut − Lock Bulkhead	5	34	2
340−71	Union − Bulkhead	5	33	2
340−77	Elbow	22	12	1
340−97	Fitting − 90	26	25	1
340−99	Elbow	22	13	1
340−99	Fitting − 90 Elbow	26	12	1
340−110	Elbow − 90	26	24	1
340−112	Elbow − 90	26	18	1
353−508	Plug − Drain	22	41	1
353−512	Plug	26	1	1
353−550	Plug − HH	24	19	2
353−551	Plug − HH	24	32	1
353−702	Hose Barb	7	18	1
353−975	Hose Barb	7	6	1
353−987	Elbow	22	35	1

*Not Illustrated

PRODUCT CHANGES

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

IDENTIFICATION AND ORDERING

MODEL AND SERIAL NUMBERS

The Groundsmaster 325D 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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MAINTENANCE RECORD

Date								

MAINTENANCE RECORD

Date								

MAINTENANCE RECORD

Date								