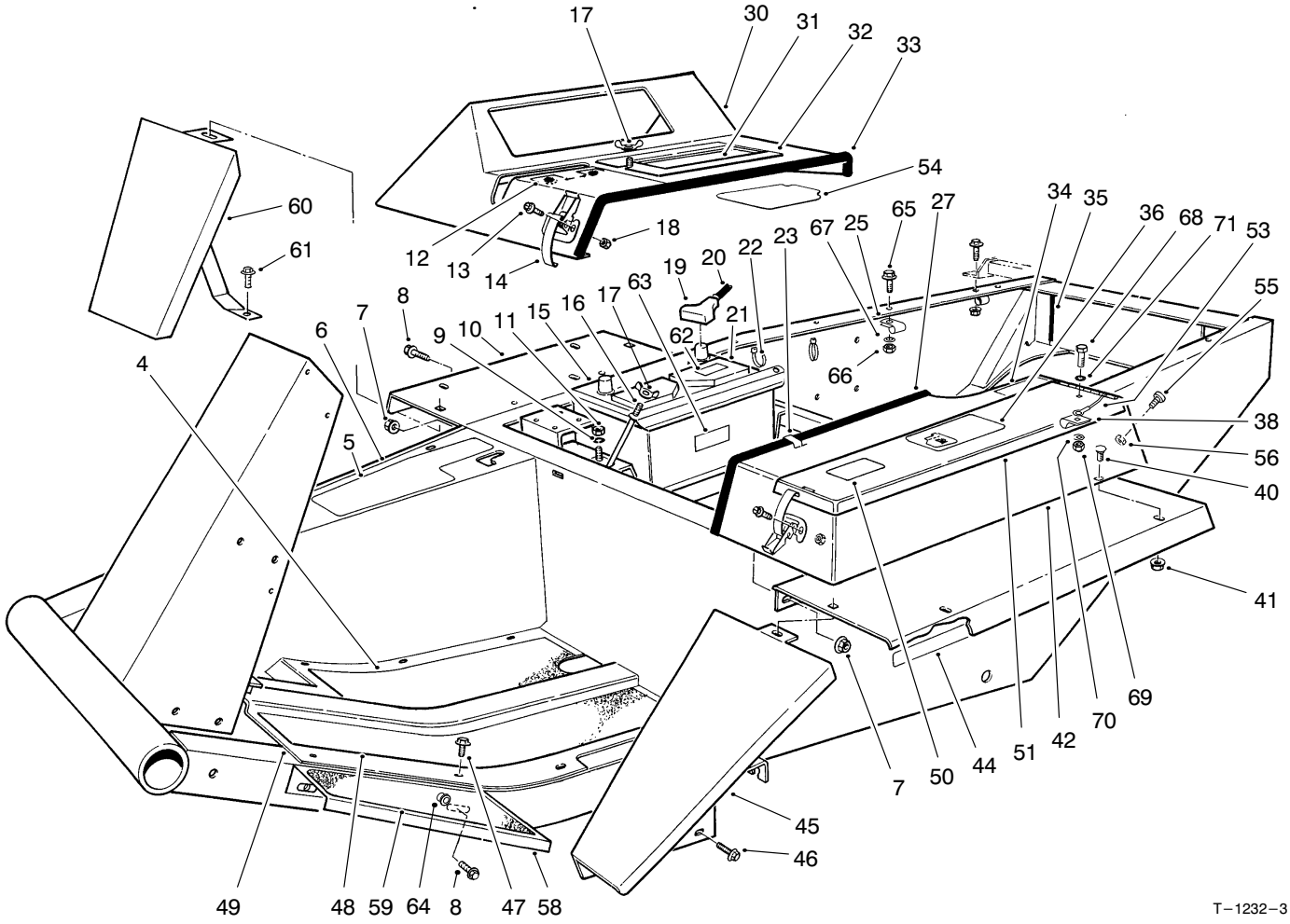
FORM NO. 3319−828

TORO®

MODEL NO. 30741−80001 & UP

PARTS CATALOG

GROUNDSMASTER® 325D Intl. 4WD
TRACTION UNIT



T−1232−3

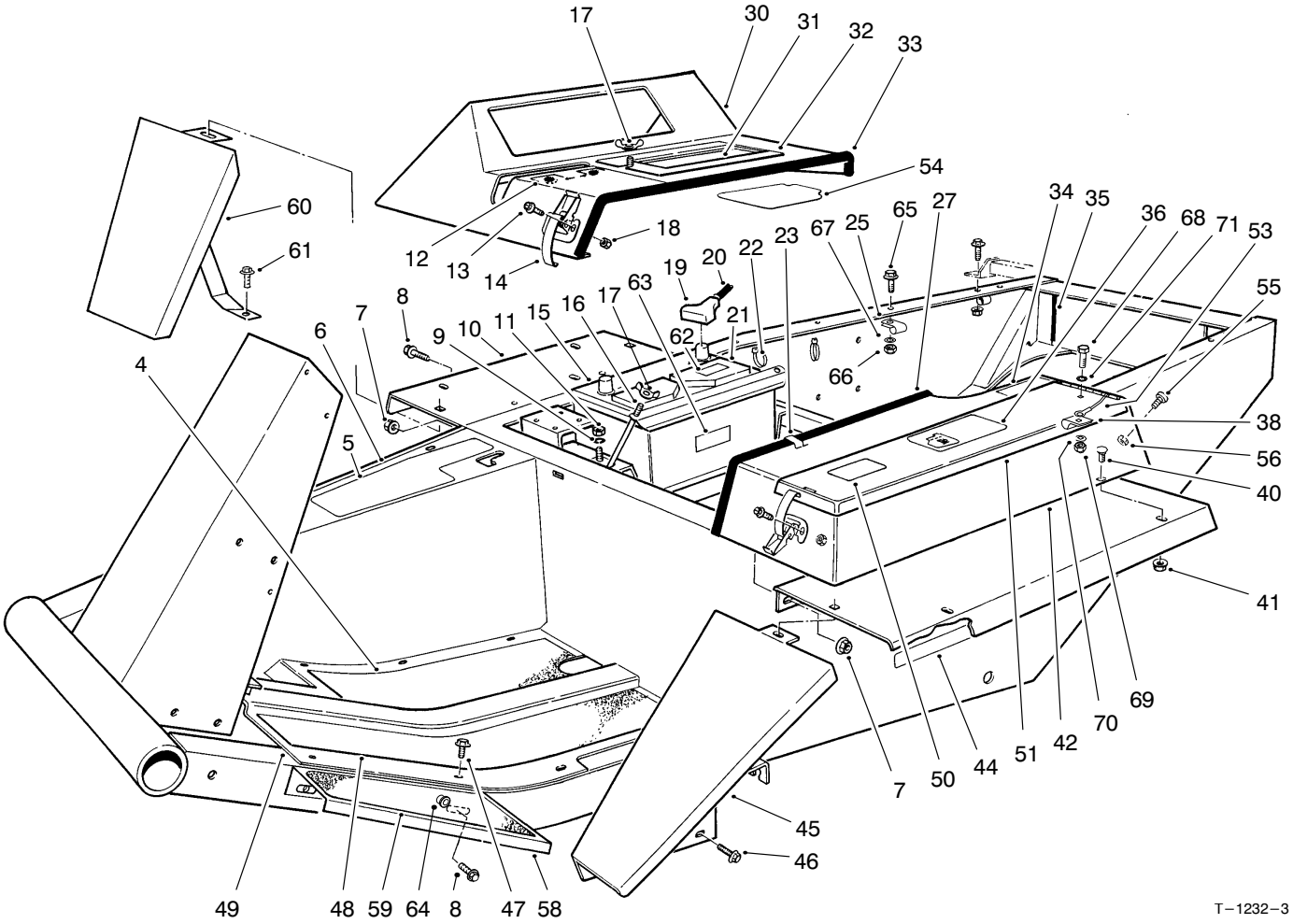
MAIN FRAME ASSEMBLY

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

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

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TPS

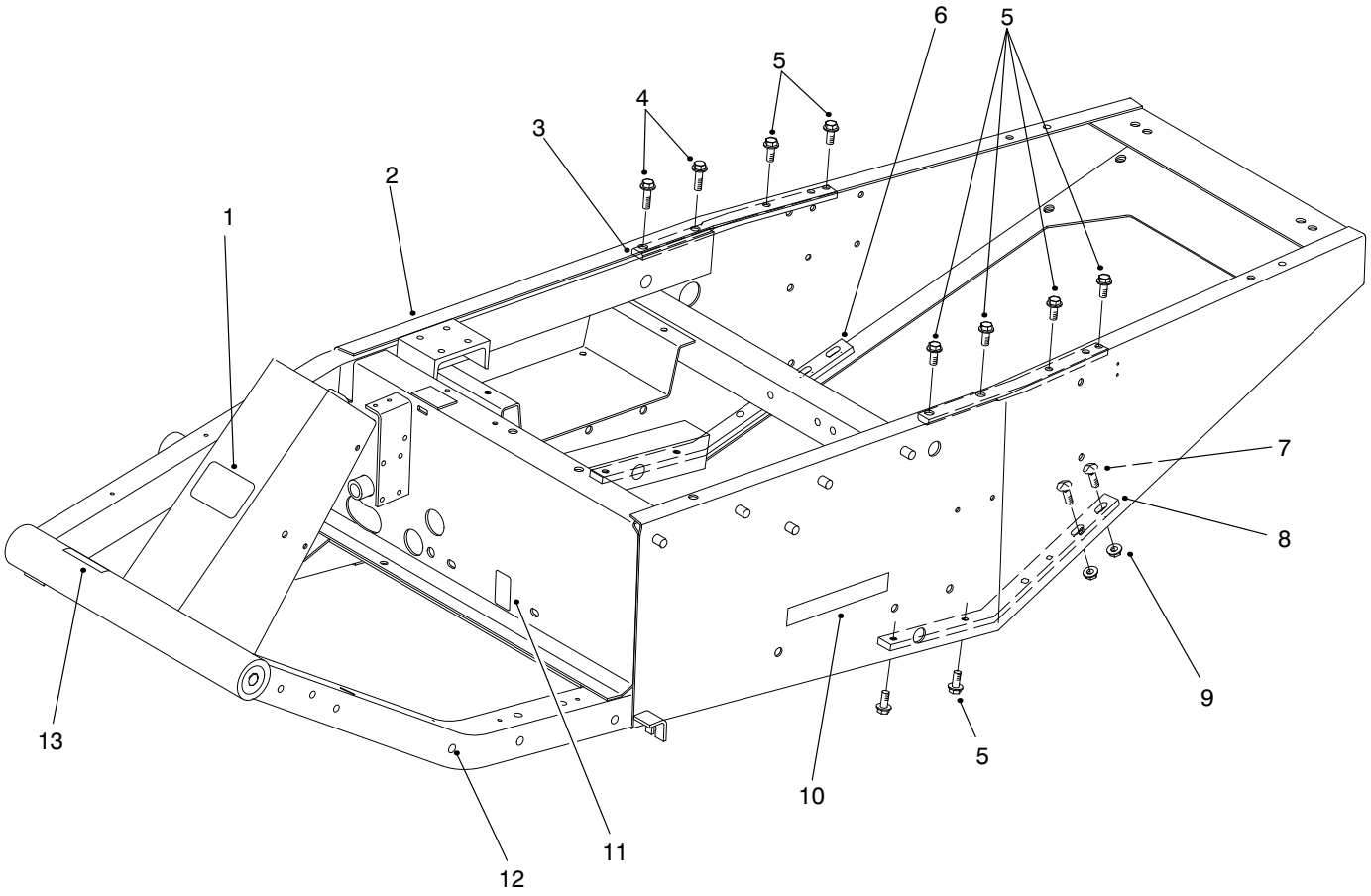


MAIN FRAME ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
38	98−3883	Clamp	1
39	32128−20	Nut − Lock Flange	1
40	3229−1	Bolt − Carriage	6
41	32128−33	Nut − Lock Flange	6
42	93−3183	Tool Box (Incl. Ref. #28)	1
44	93−7830	Decal − Torque	2
45	68−8610	Fender − Extension	1
46	3234−14	Screw − Cap Hex. Hd.	2
47	32144−10	Screw − Self−Tapping	11
48	21−2760	Pad − Foot Rest L.H.	1
49	88−0070	Plate − Floor	1
50	93−7839	Decal − Caution	2
51	93−3185	Assembly − Cover (Incl. Ref. #36 & 50)	1
52	3254−2	Washer − I.T.L.W.	1
53	18−2770	Cable − Ground	1

Ref. No.	Part No.	Description	No. Used
54	92−7801	Shield − Cover, Battery	1
55	3290−144	Screw − HH	3
56	3296−2	Nut − Lock	3
58	93−7410	Panel − Footrest	1
59	66−3200	Tread − Foot, LH	1
60	93−7626	Fender − RH	1
61	3234−33	Screw − Hex. Flange	1
62	93−7276	Decal − Danger	1
63	93−6668	Decal − Charging	1
†64	32148−9	Nut − Clinch	1
65	322−8	Screw − HH	2
66	3296−29	Nut − Hex. Lock	2
67	3256−23	Washer − Flat	2
68	323−7	Screw − HH	1
69	3296−39	Nut − Lock	1
70	3256−24	Washer − Flat	1
71	3254−6	Washer − Lock	1

† Special tool required

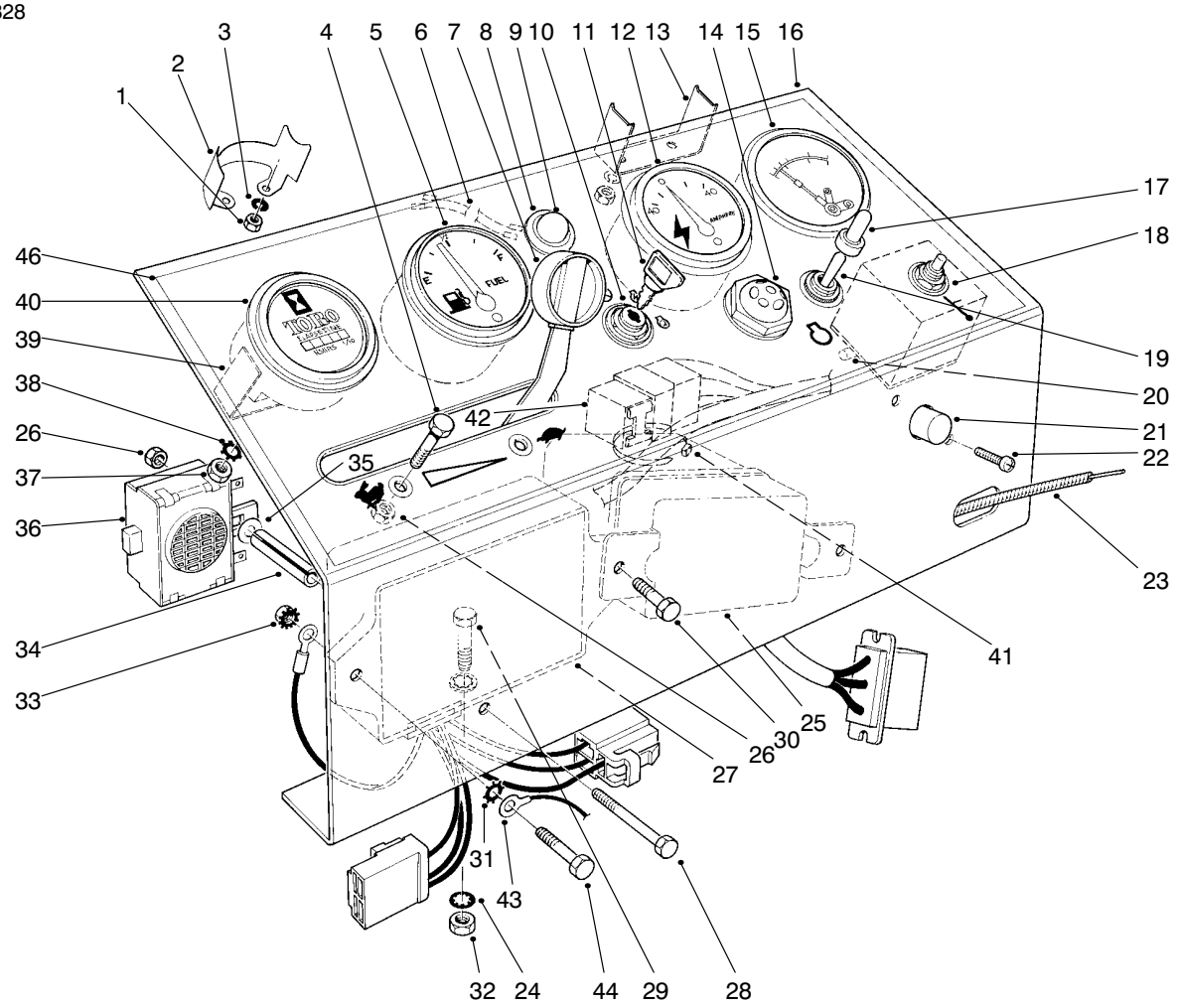


T−2802−3

MAIN FRAME ASSEMBLY (Continued)

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

Ref. No.	Part No.	Description	No. Used
7	3231−25	Screw − Carriage	4
8	98−3864	Brace − Lower Left	1
9	32128−21	Nut − Lock HFH	4
10	67−1720	Decal − Torque	2
11	53−4430	Decal − Oil Fill	1
12	32148−9	Insert − Threaded	1
13	27−7320	Decal − Traction Pedal	1



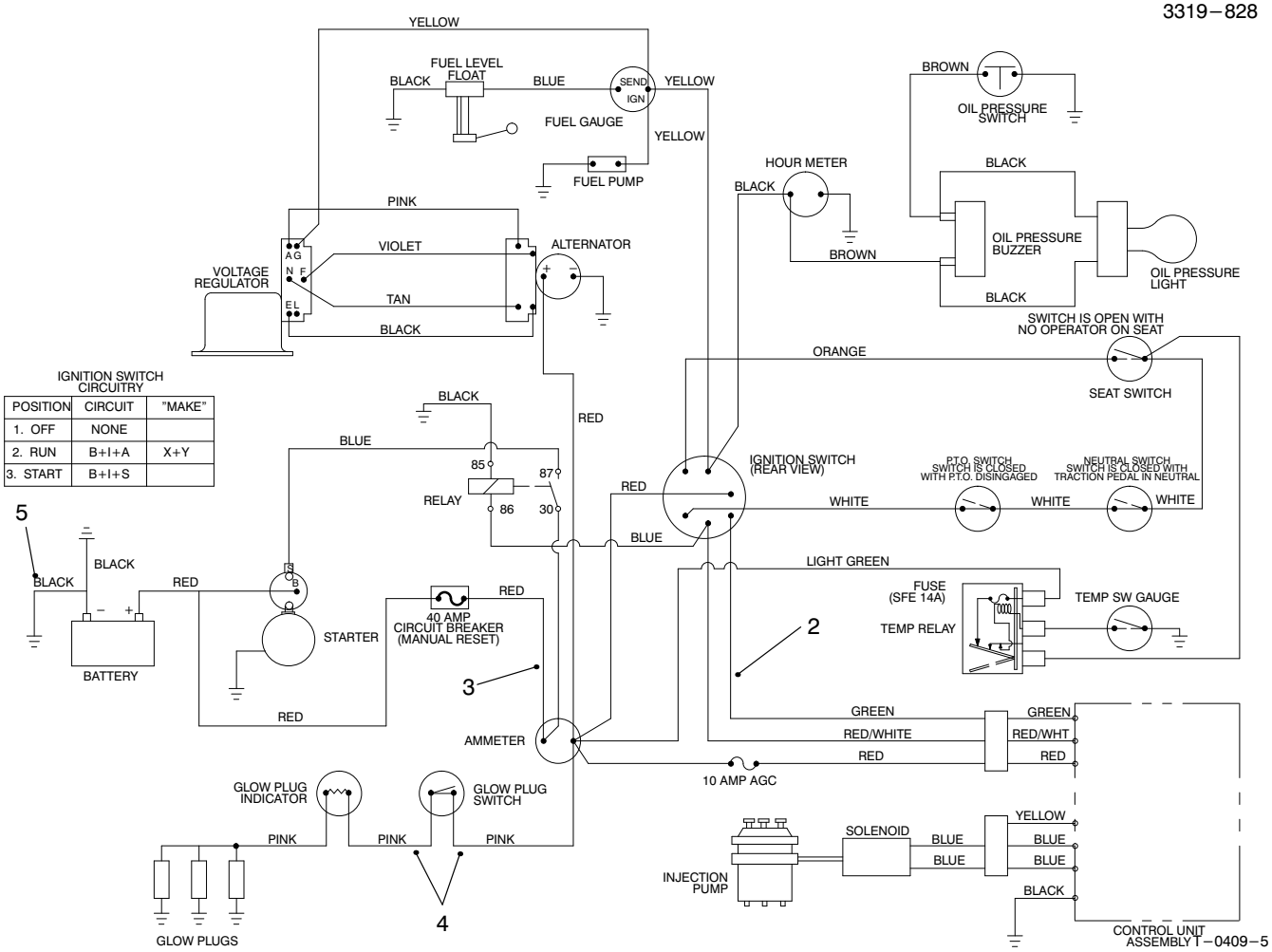
T−0408−3

INSTRUMENT PANEL ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3219−14	Nut	6
2	38−1670	Clamp Mounting	2
3	3253−17	Washer − Lock	6
4	3290−134	Screw − Hex. Hd. Mach.	2
5	38−1650	Fuel Gauge (Incl. Ref. #1−3)	1
6	44−2220	Wire Lead	1
7	233−35	Knob	2
8	44−2210	Warning Light (Incl. Ref. #9)	1
9	218−533	Lens	1
10	27−2360	Key Switch (Incl. Ref. #11)	1
11	63−8360	Key	1
12	38−1660	Ammeter (Incl. Ref. #1−3)	1
13	218−539	Clamp	1
14	42−9190	Glow Lamp	1
15	26−6750	Engine Temperature Gauge (Incl. Ref. #1, 3, & 13)	1
16	43−3970	Panel − Instrument	1
17	218−473	Toggle Switch Boot	1
18	26−6740	Temperature Reset Relay	1
19	6−1659	Toggle Switch (Incl. Ref. #17)	1
†20		Fuse − Temp. Relay 14 Amp. SFE	1

Ref. No.	Part No.	Description	No. Used
21	43−4000	Circuit Breaker	1
22	3250−17	Screw − Pan Hd.	2
23	43−3990	Throttle Control (Incl. Ref. #7)	1
24	3254−2	Washer − Lock Int. Tooth	6
25	43−0410	Regulator Assembly	1
26	3296−12	Nut − Lock	3
27	43−1880	Control Unit Assembly	1
28	3290−424	Screw − Hex. Hd. Mach.	1
29	322−5	Screw − Cap Hex. Hd.	2
30	321−4	Screw − Cap Hex. Hd.	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	Buzzer Assembly	1
37	3217−26	Nut	1
38	3255−5	Washer − Lock	1
39	218−515	Mounting Bracket	1
40	12−9990	Hour Meter (Incl. Ref. #37−39)	1
41	3290−379	Cable Tie	1
42	63−7590	Relay	1
43	70−1190	Cable − Ground	1
44	321−6	Screw − Cap Hex. Hd.	1
46	93−7813	Decal − Panel, Instrument	1

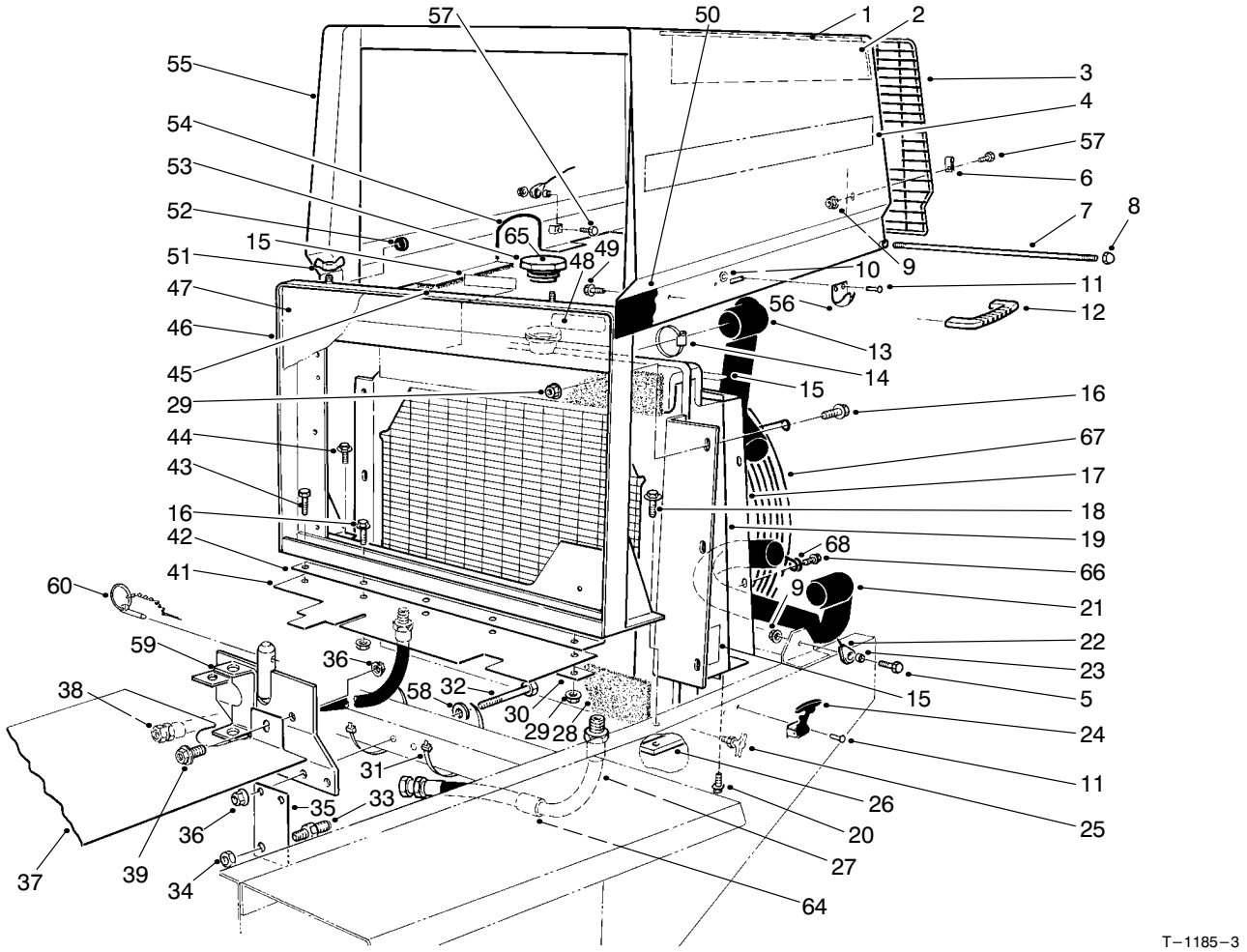
† Obtain locally



ELECTRICAL SCHEMATIC

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

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

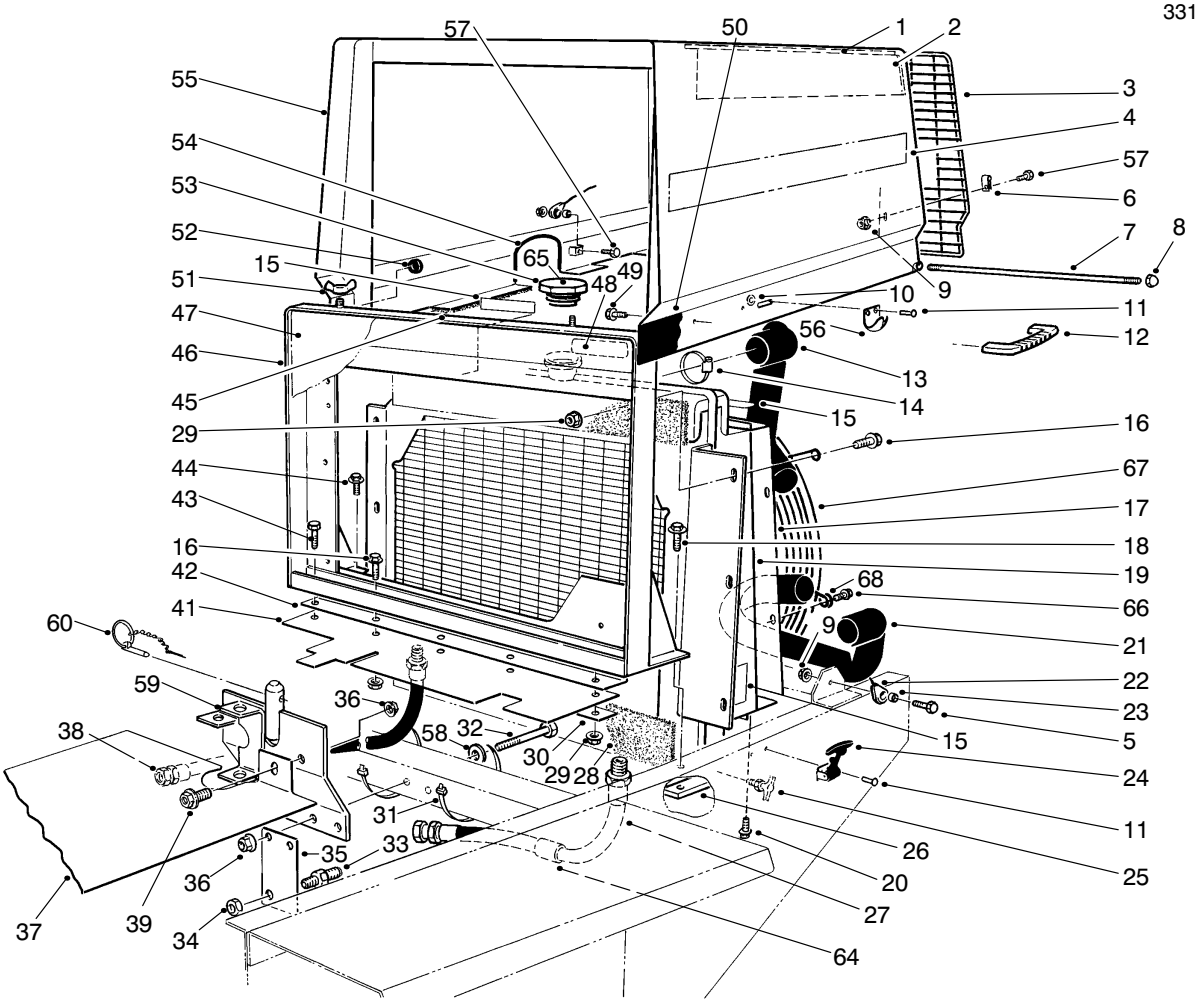


T−1185−3

RADIATOR & HOOD ASSEMBLY

Ref. No.	Part No.	Description	No. Used
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 − Cap Hex. Hd.	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	3290−55	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 − Flange Hex. Hd.	11
17	43−3330	Shroud − Radiator	1
18	3234−25	Screw − Flange, Hex. Hd.	2
19	33−2570	Radiator Assembly	1
20	32104−116	Screw − Self Tapping	4
21	43−7020	Hose − Lower Radiator	1
22	77−3170	Stop − Cable Hood	2
23	77−5250	Spacer − Cable Hood	4
24	249−39	Latch − Draw Flexible	1
25	304−46	Drain Cock	1
26	38−4600	Bar − Frame LH	1

Ref. No.	Part No.	Description	No. Used
27	63−9010	Hose Assy. − Cooler/Pump	1
28	43−3320	Foam − Radiator	2
29	32128−20	Screw − Flange Hex. Hd.	11
30	67−8470	Strip − Retainer	1
31	3290−379	Tie − Cable	4
32	323−14	Screw − Cap Hex. Hd.	3
33	340−71	Union − Bulkhead	2
34	340−70	Nut − Lock Bulkhead	2
35	68−9160	Bracket	1
36	32128−21	Nut − Flange	4
37	88−3390	Plate − Sealing	1
38	63−8960	Hose Assy. − Valve/Cooler	1
39	3234−11	Screw − Flange	2
41	67−8570	Strip − Sealing	1
42	43−3340	Plate − Sealing, Grille	1
43	322−6	Screw − Cap Hex. Hd.	1
44	11−0590	Screw − Self Tapping	2
45	82−8950	Foam − Flange Hood	2
46	67−8870	Support − Radiator	1
47	67−9030	Grille	1
48	93−7821	Decal − Coolant Radiator	1
49	46−8091	Screw − Flange	2
50	77−5140	Decal − Hood 4wd L.H.	1
*	77−5150	Decal − Hood 4wd R.H.	1
51	32103−2	Nut − Wing	2
52	237−141	Bumper − Radiator	2



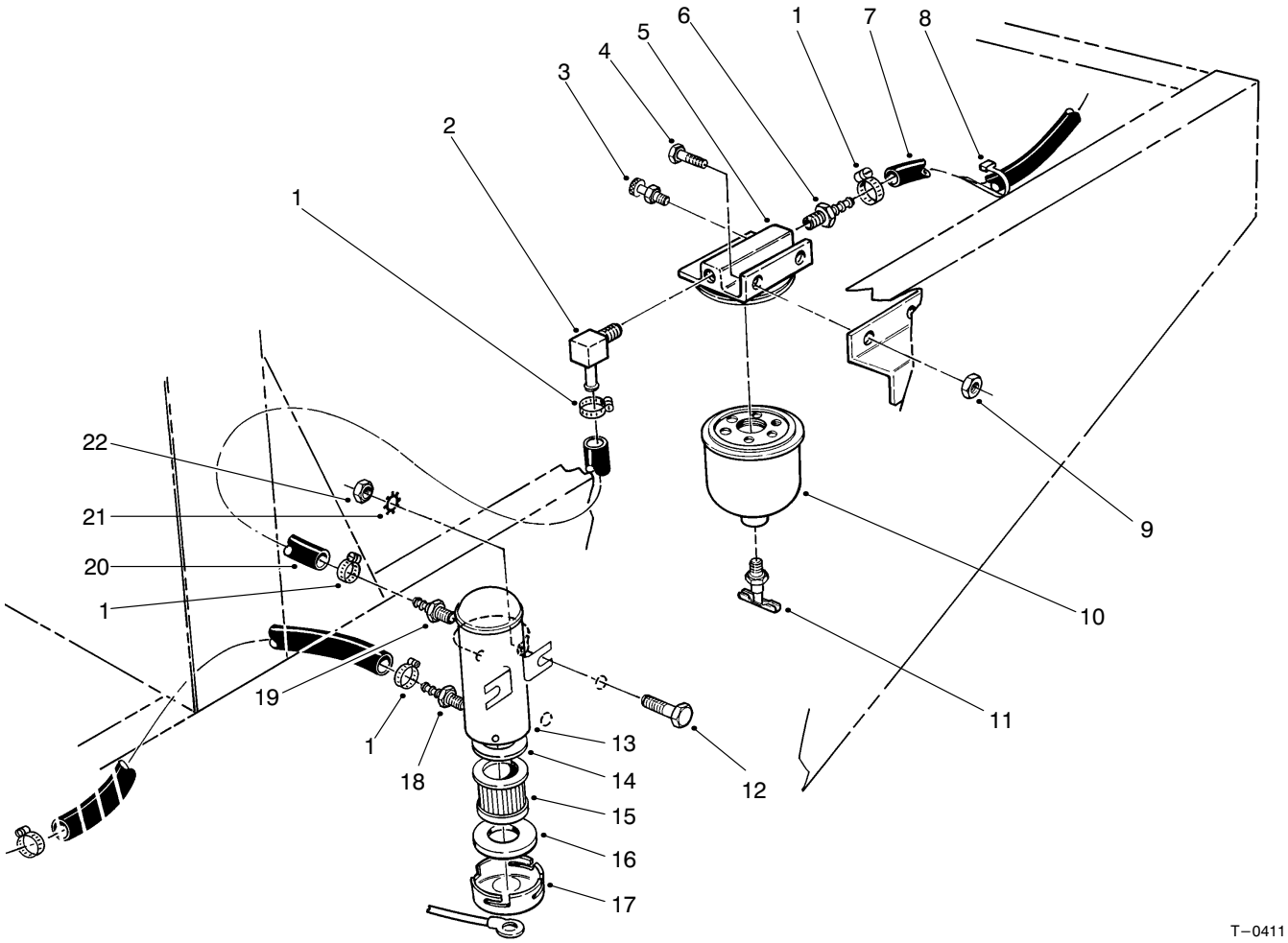
T−1185−3

RADIATOR & HOOD ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
53	66−3240	Cap − Pressure Radiator	1
54	66−8111	Trim − Hood Cutout	1
55	14−4149	Hood	1
56	249−40	Keeper	1
57	3274−69	Screw − Hex. Socket Hd.	6
58	5−0838	Washer − Flat	3
59	86−9410	Bracket − Seat Support	1

Ref. No.	Part No.	Description	No. Used
60	283−76	Pin − Lynch	1
64	38−3400	Guard − Rubber	1
65	93−7840	Decal − Radiator Cap	1
66	32104−109	Screw − HH	4
67	93−9729	Guard − Fan	1
68	3256−22	Washer − Flat	4

* Not Illustrated

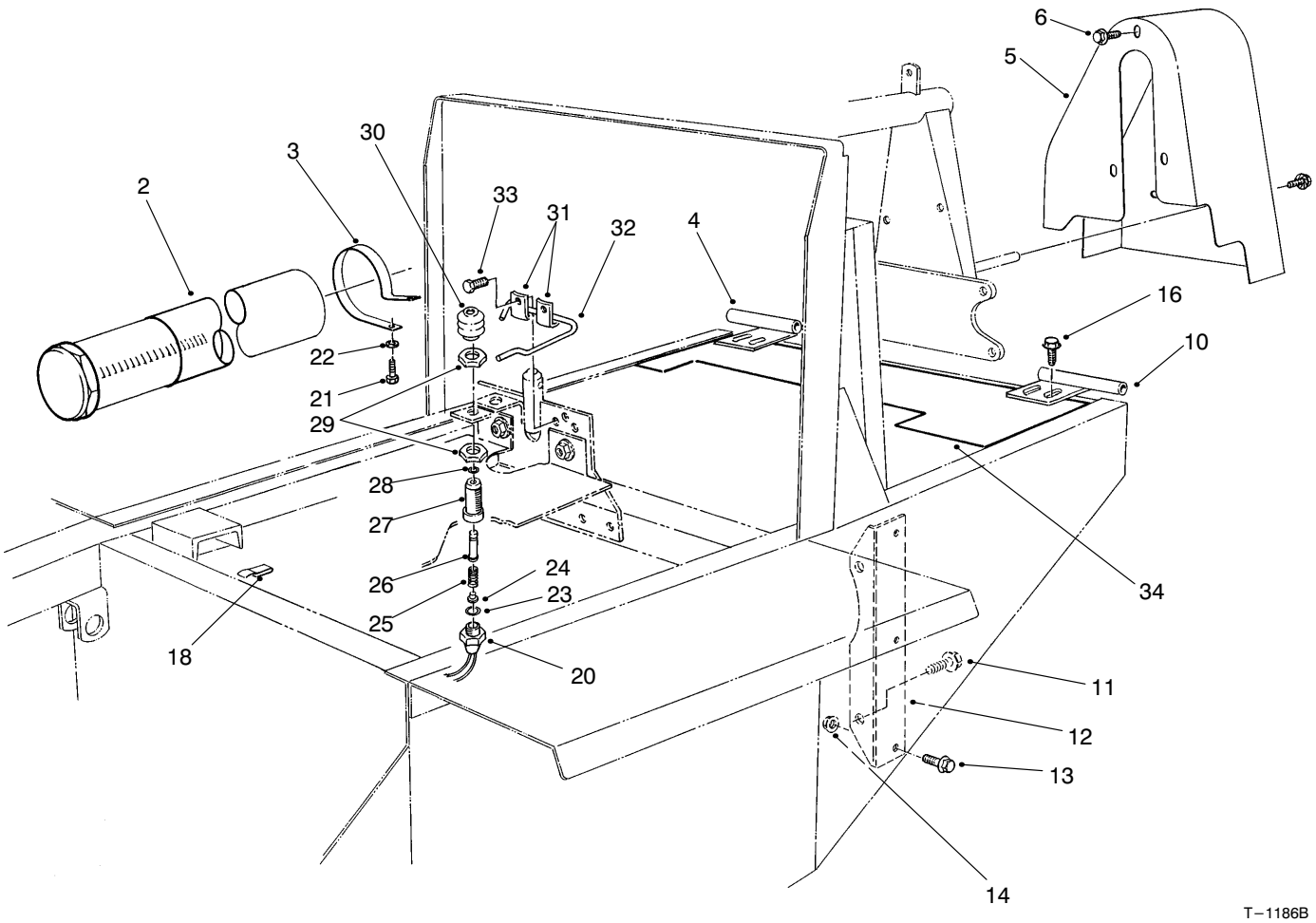


T−0411

FUEL FILTER ASSEMBLY

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

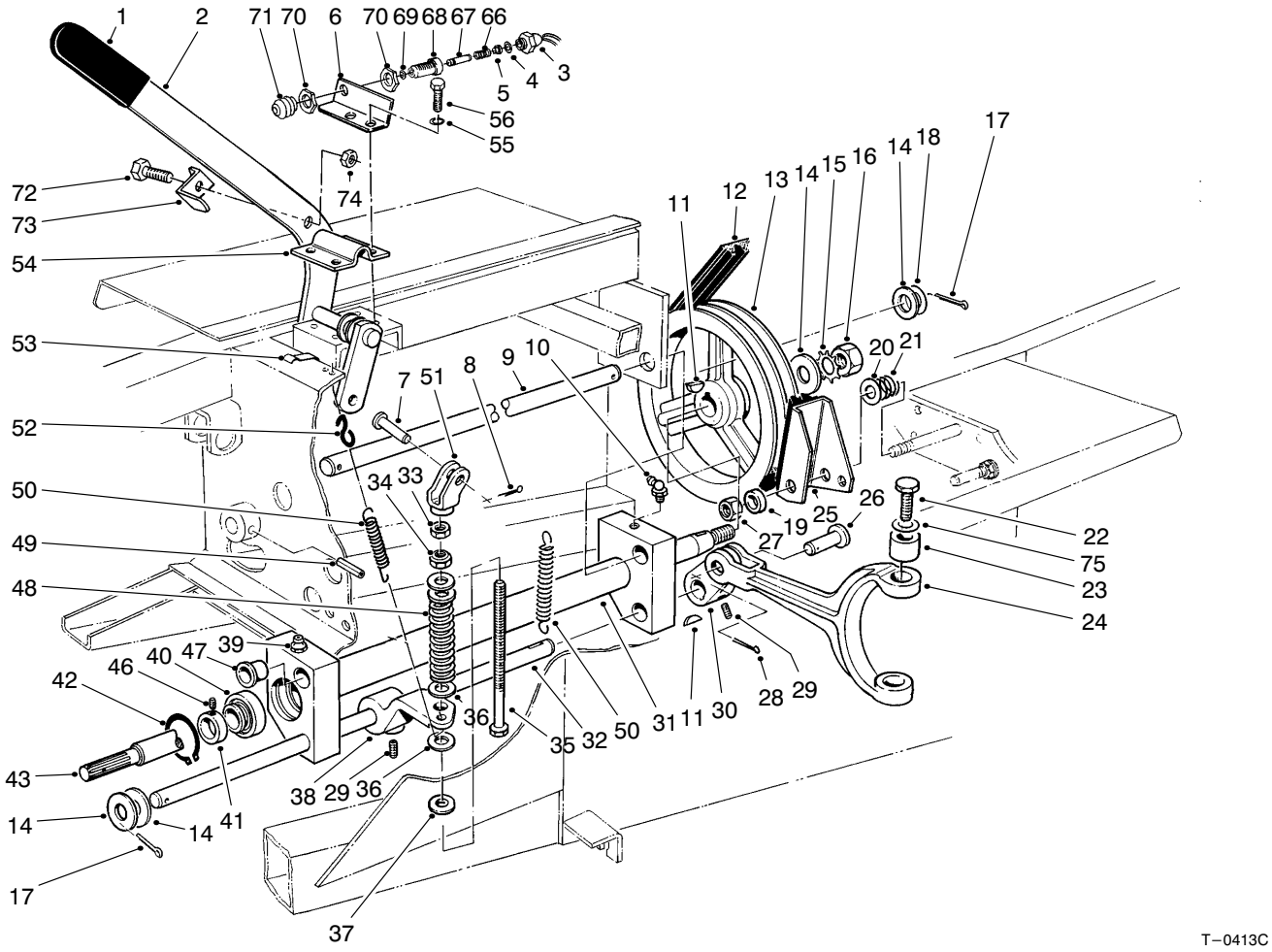
Ref. No.	Part No.	Description	No. Used
13	53−8150	Pump Assy. Fuel, Electric (Incl. Ref. #14−17)	1
14	43−2570	Gasket	1
15	43−2550	Filter	1
16	43−2560	Gasket	1
17	43−2580	Magnet	1
18	353−702	Hose Barb	1
19	304−73	Hose Barb	1
20	63−9650	Hose	1
21	3255−7	Washer − Lock Ext. Tooth	2
22	32149−2	Nut	2
*	95−3092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



INTERLOCK ASSEMBLY

Ref. No.	Part No.	Description	No. Used
2	74−0720	Tube − Manual	1
3	2412−133	R−Clamp	2
4	67−8820	Hinge R.H.	1
5	43−3900	Guard − Fan Belt	1
6	3234−14	Screw − Cap Hex. Hd.	5
9	3256−23	Washer − Flat	1
10	67−8810	Hinge L.H.	1
11	3234−32	Screw − w/Locking Flange	2
12	67−8190	Bracket − Engine Support	2
13	3234−11	Screw w/Locking Flange	6
14	3290−357	Nut − Lock Flange	6
16	3234−17	Screw − Cap Hex. Hd.	4
18	212−93	Wire Clip	2
20	72−4320	Switch − Ball	1
21	322−2	Screw − Cap Hex. Hd.	2
22	3256−23	Washer − Flat	2

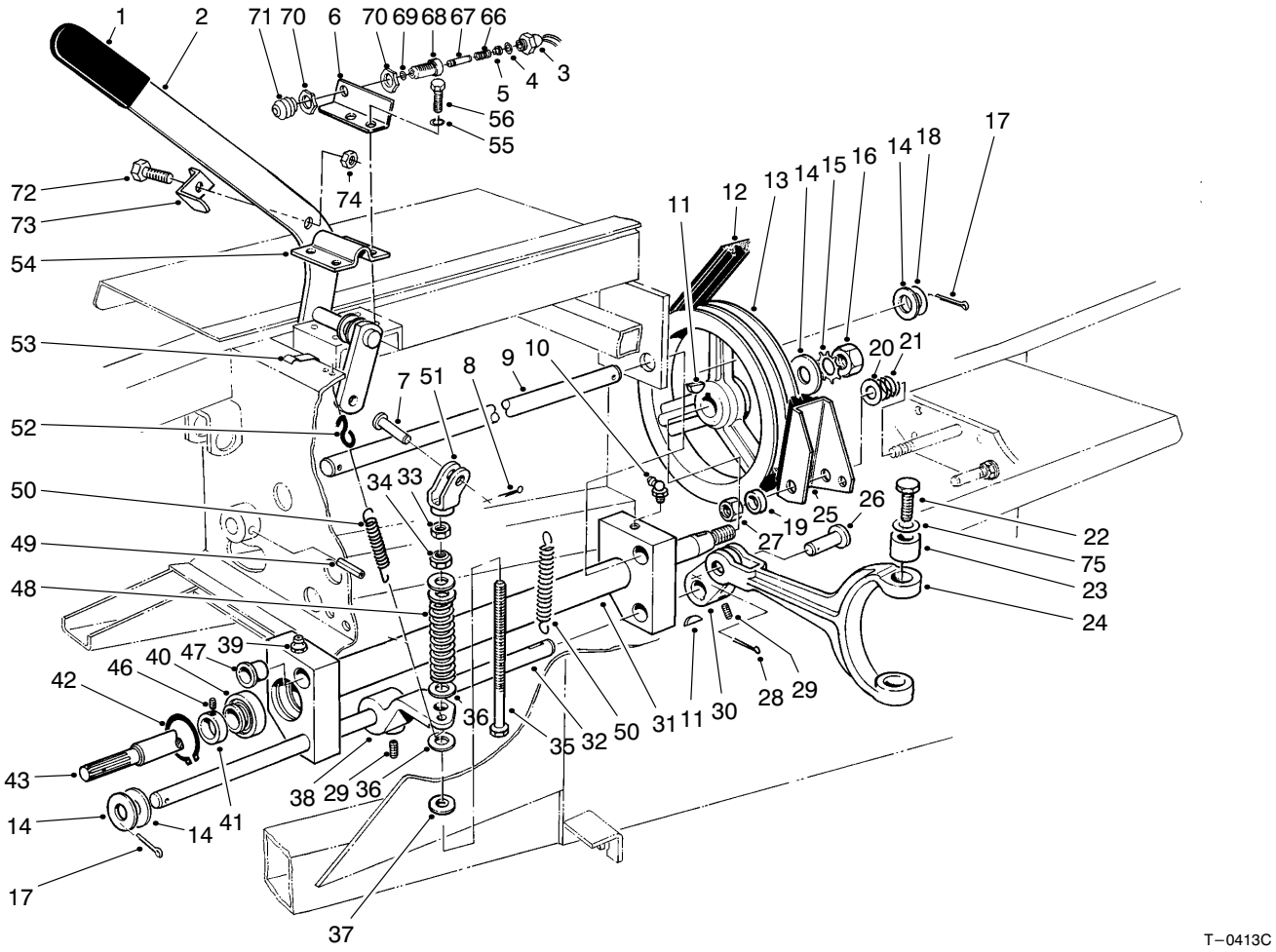
Ref. No.	Part No.	Description	No. Used
23	237−30	Seal − O−Ring	1
24	43−8610	Guide − Spring & Ball Seat	1
25	43−8600	Spring − Compression	1
26	43−8860	Plunger − Switch	1
27	43−8620	Guide − Switch Pin	1
28	237−7	Seal − O−Ring	1
29	218−461	Nut − Jam	2
30	43−8870	Boot − Switch	1
31	3−6657	Clip	2
32	86−7040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



POWER TAKE OFF ASSEMBLY

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

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



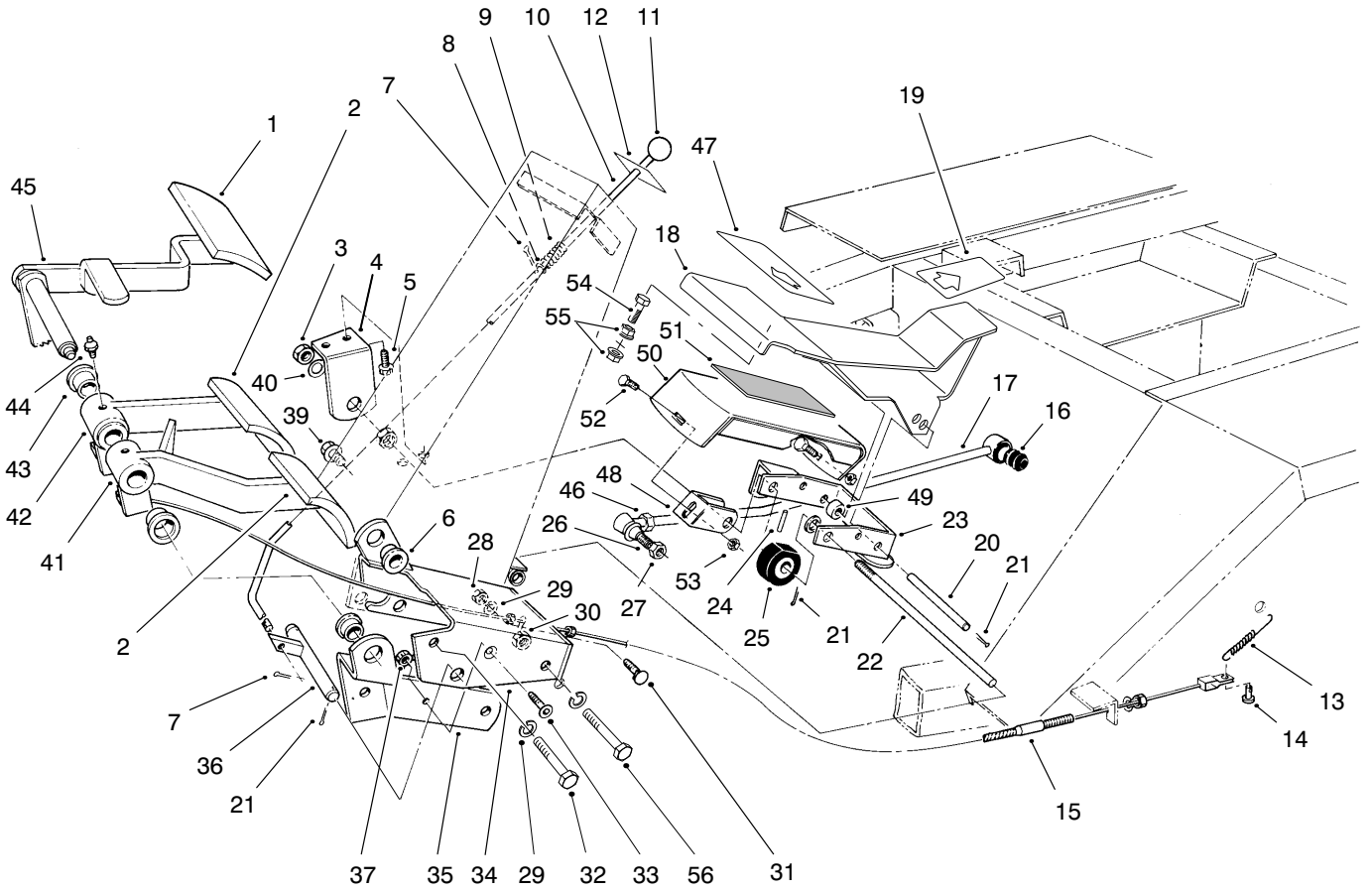
T−0413C

POWER TAKE OFF ASSEMBLY (Continued)

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

Ref. No.	Part No.	Description	No. Used
71	43−8870	Boot − Switch	1
72	321−4	Screw − Cap Hex. Hd.	1
73	86−7050	Bracket − Switch Actuator	1
74	3296−16	Nut − Lock	1
75	75−9890	Washer− Shim	A/R
*	43−9071	Asm. − Switch (Incl. Ref. #3−5. 66−71: Qty. 1 of #70 Req'd.)	1

* Not Illustrated



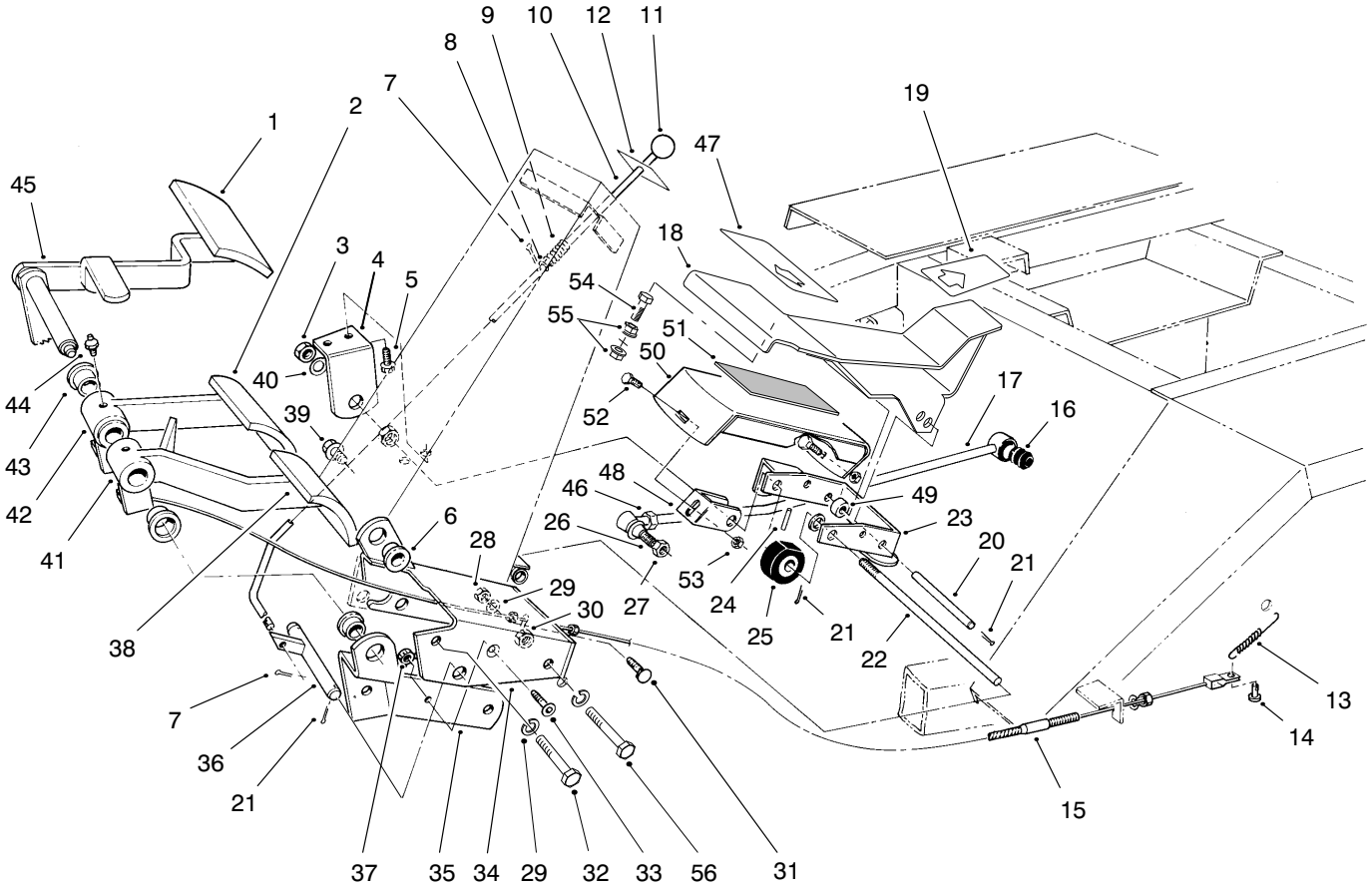
T−0415−5

BRAKE PEDAL ASSEMBLY

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

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

* Not Illustrated



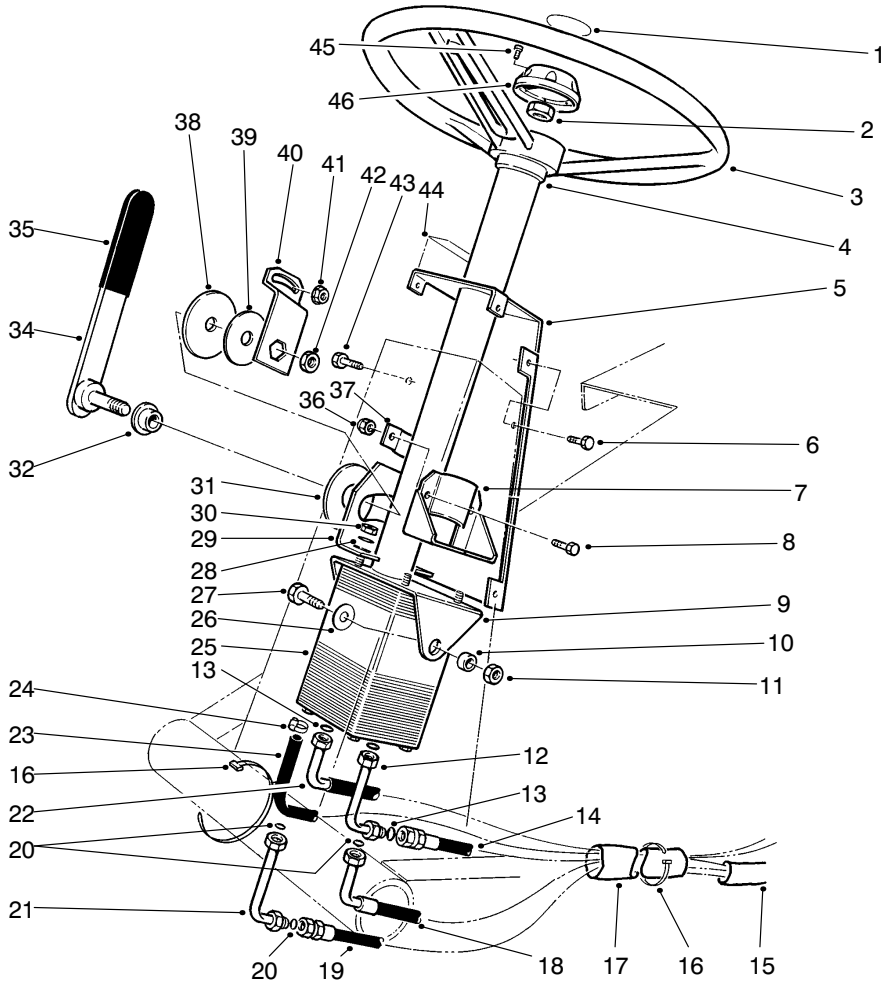
T−0415−4

BRAKE PEDAL ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
49	88−0470	Tube − Pedal, Spacer	1
50	88−1710	Footrest	1
51	88−1720	Pad − Footrest	1
52	3230−1	Bolt − Carriage	2

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

* Not Illustrated

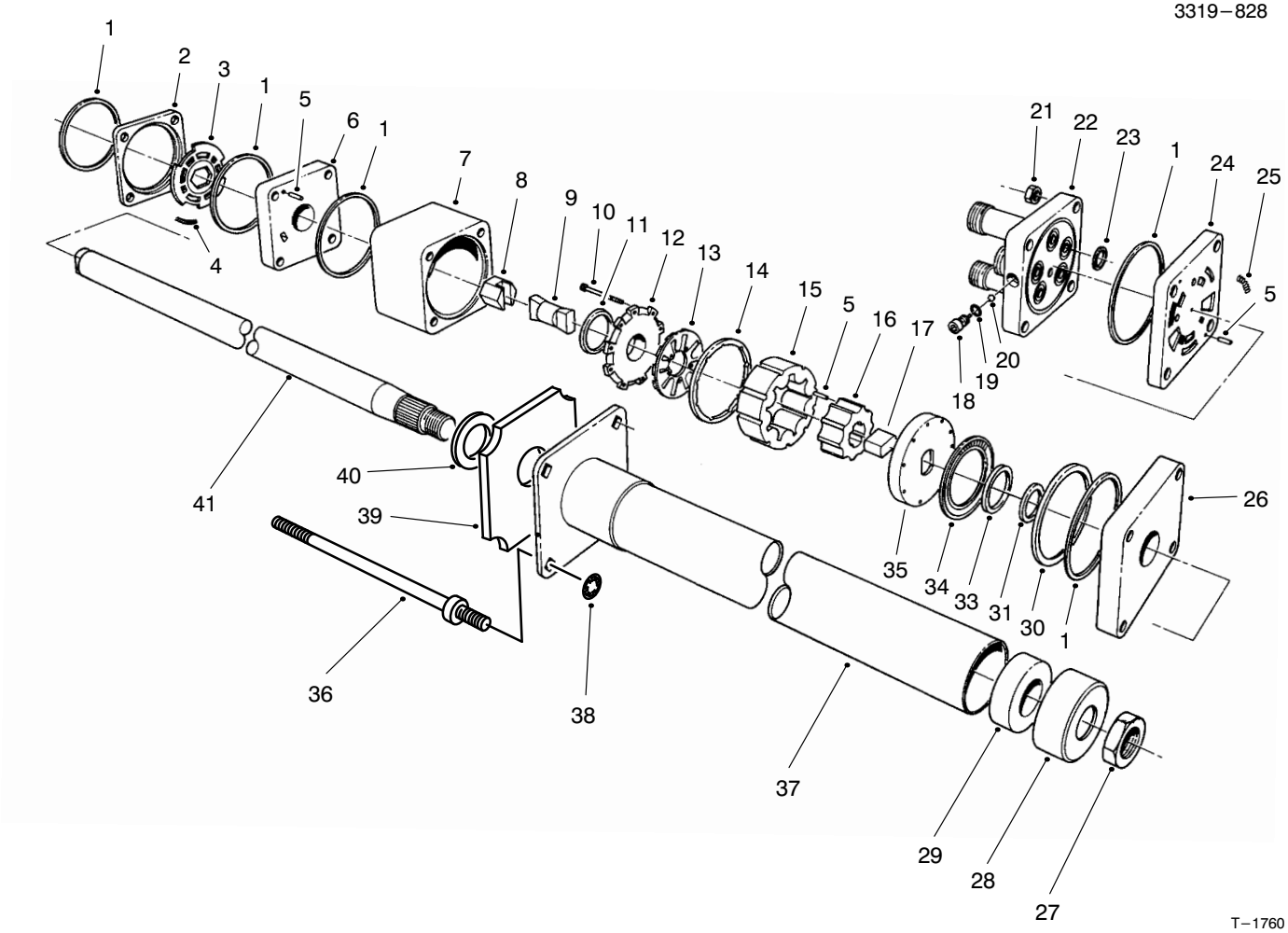


T−1187B

POWER STEERING ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	68−5370	Decal − Toro	1
2	66−9760	Nut − Hex.	1
3	75−0560	Steering Wheel Assembly (Incl. Ref. #45 & 46)	1
4	21−9260	Cover − Dust	1
5	82−8660	Cover − Tower	1
6	32144−10	Screw − Hex. Thd. Form	6
7	67−8690	Support − Column	1
8	3234−17	Screw − Cap Hex. Hd.	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	Seal − 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	Seal − 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 − Steering Power	1
26	3256−46	Washer − Flat	2
27	323−6	Screw − Cap Hex. Hd.	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	Handle − 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 − Cap Hex. Hd.	1
44	82−8940	Decal − Steering Tilt	1
45	32144−21	Screw	1
46	68−5140	Cap − Wheel Steering	1



T−1760

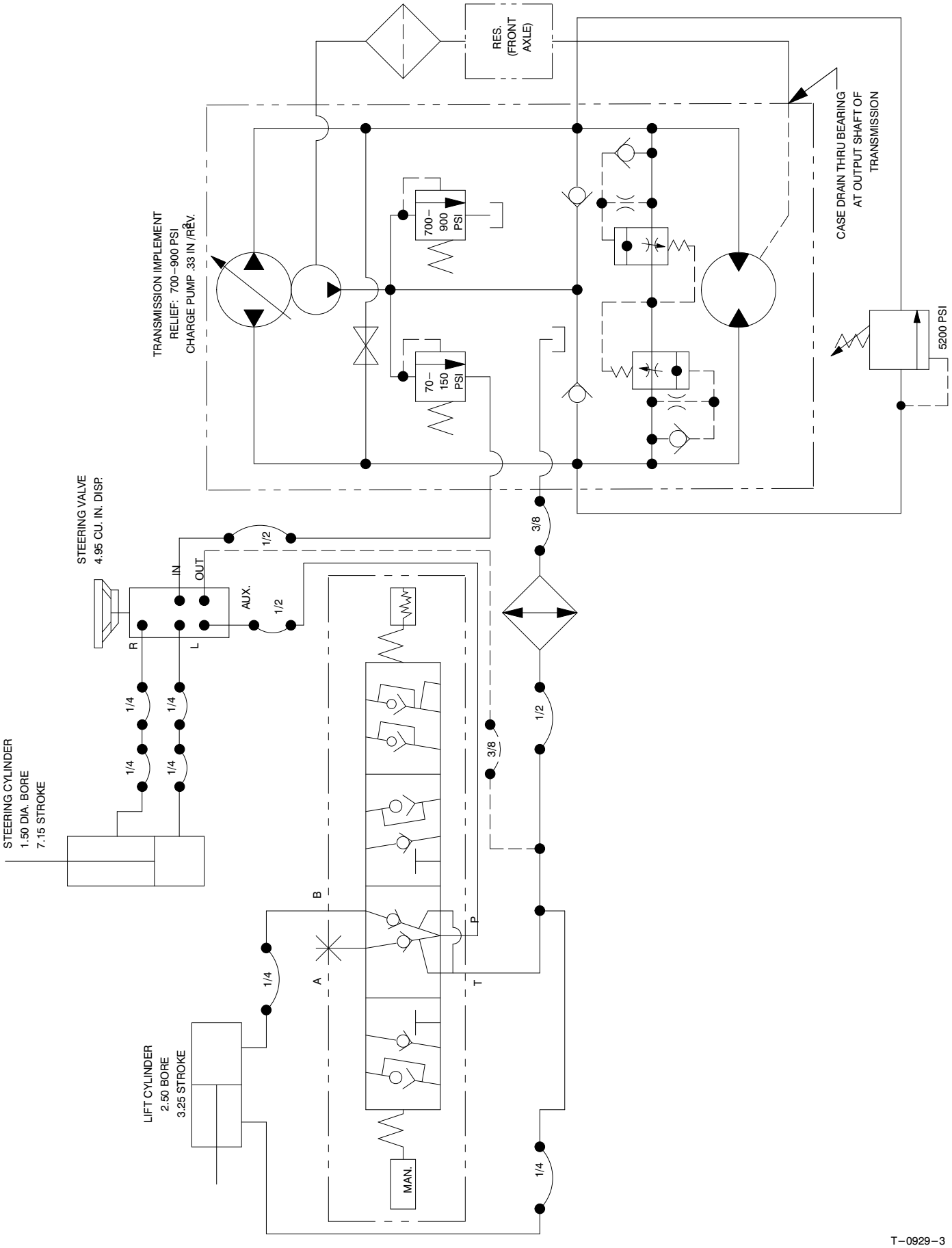
POWER STEERING VALVE ASSEMBLY NO. 92−7308

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

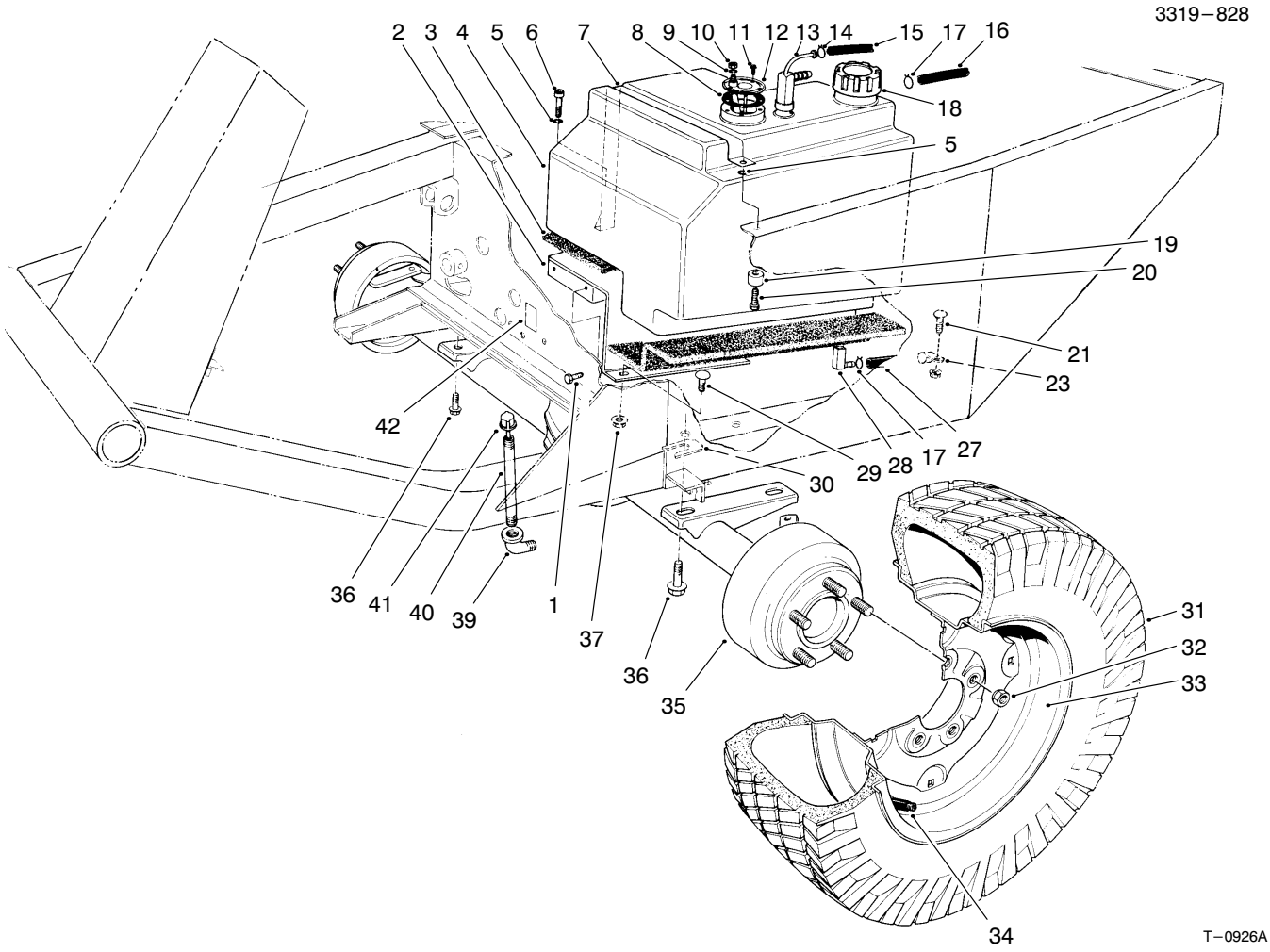
Ref. No.	Part No.	Description	No. Used
26		Plate − Upper Cover	1
27	3220−6	Nut	1
28	92−7315	Seal	1
29		Bearing	1
30		Spacer − Thrust Bearing	1
31		Spacer − Seal	1
33		Seal − Face	1
34		Bearing − Thrust	1
35		Plate − Drive	1
36	92−7310	Bolt − Special	4
37		Upper Cover & Jacket	1
38	92−7316	Nut − Push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

* Not Illustrated

HYDRAULIC SCHEMATIC



T–0929–3

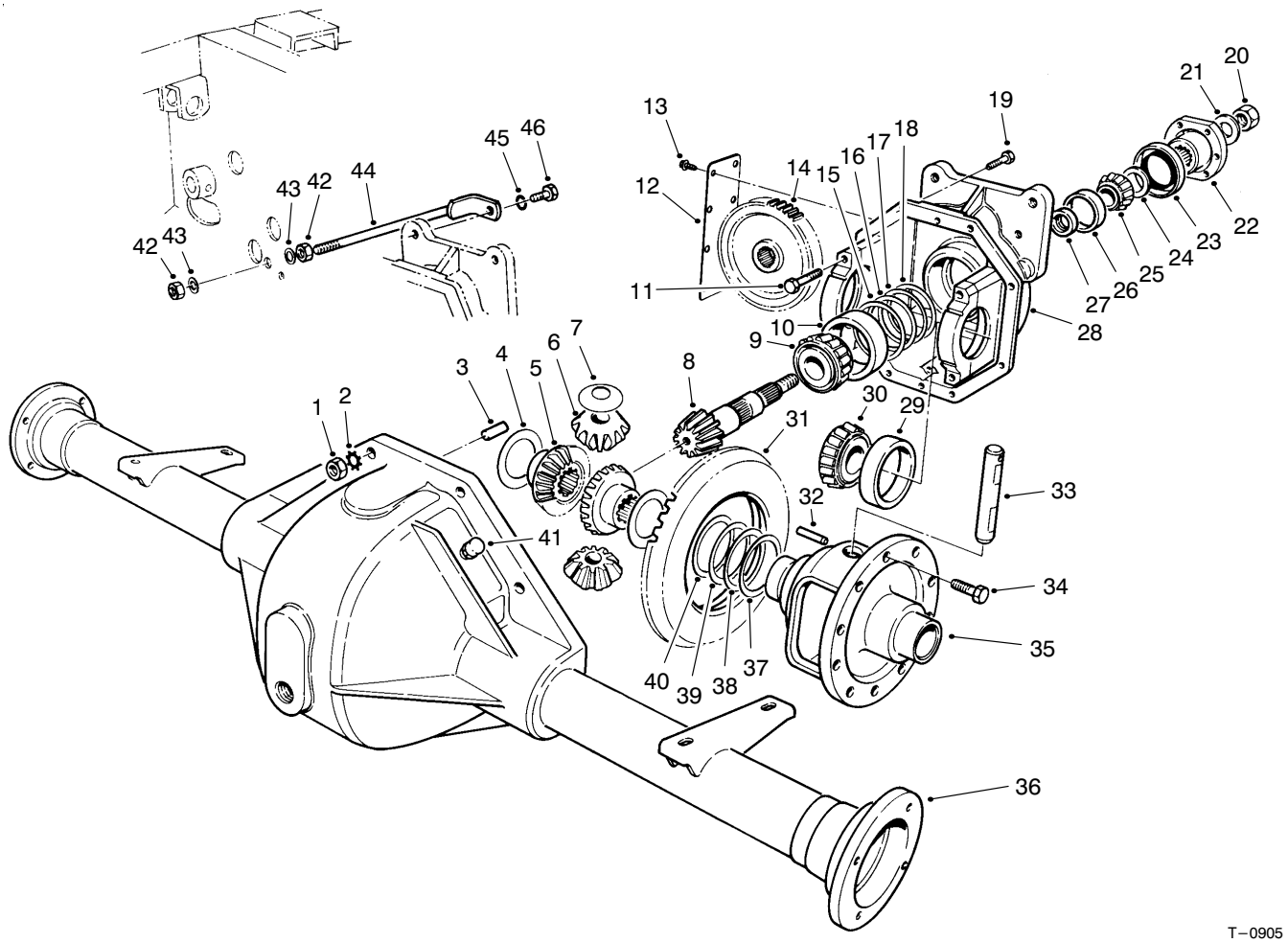


FRONT AXLE & FUEL TANK ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3234−11	Screw − Flange Head	2
2	68−9760	Fuel Tank Base	1
3	21−3600	Foam − Tank Support	1
4	43−4150	Fuel Tank (Incl. Ref. #13 & 14)	1
5	3253−3	Washer − Lock	2
6	32104−96	Screw − Cap Hex. Hd.	1
7	37−9550	Strap − Fuel Tank	1
8	62−7650	Gasket	1
9	3253−17	Washer − Lock	1
10	3219−14	Nut	1
11	32144−53	Screw − Thread Forming	5
12	62−6840	Sender − Fuel Level	1
13	43−4160	Fitting − Return & Vent	1
14	2412−79	Clamp	1
15	43−4230	Hose − Return	1
16	43−5690	Hose − Vent, Fuel Tank	1
17	2412−6	Clamp	2
18	55−3572	Fuel Cap	1
19	22−7810	Spacer	1
20	321−6	Screw − Cap Hex. Hd.	1
21	21−3610	Foam − Tank Support	1
23	2412−4	Clamp	1
27	63−9640	Hose − Fuel	1
28	43−4190	Fitting Assembly	1
29	3230−2	Bolt − Carriage	3
30	42−6080	Shim − Axle	A/R

Ref. No.	Part No.	Description	No. Used
31	231−138	Tire − 6 Ply	2
*	231−95	Tire − 23x10.5x12 (4 Ply) (Optional)	2
*	69−9880	Tire − 23x10.5x12 (6 Ply) (Optional)	2
32	23−7270	Nut − Wheel	10
33	217−117	Rim	2
*	217−116	Rim − 23x10.5x12 (Optional)	2
34	232−31	Valve Stem w/Cap	2
*	232−27	Valve Stem (For 23x10.5x12 Rim Opt.)	1
35	86−9630	Front Axle Assembly	1
36	32144−67	Screw − Cap Thd. Forming	4
37	32128−20	Nut − Flange	3
39	2811−9	Street Elbow	1
40	289−37	Nipple − Pipe	1
41	23−5180	Dipstick	1
42	93−7823	Decal − Oil	1
*	231−90	Tube − Inner	2
*	62−7020	Asm − Wheel & Tire (23”x10.5”x12” 4 Ply) (Optional)	2
*	69−9870	Asm − Wheel & Tire (23”x10.5”x12” 6 Ply) (Optional)	2

* Not Illustrated



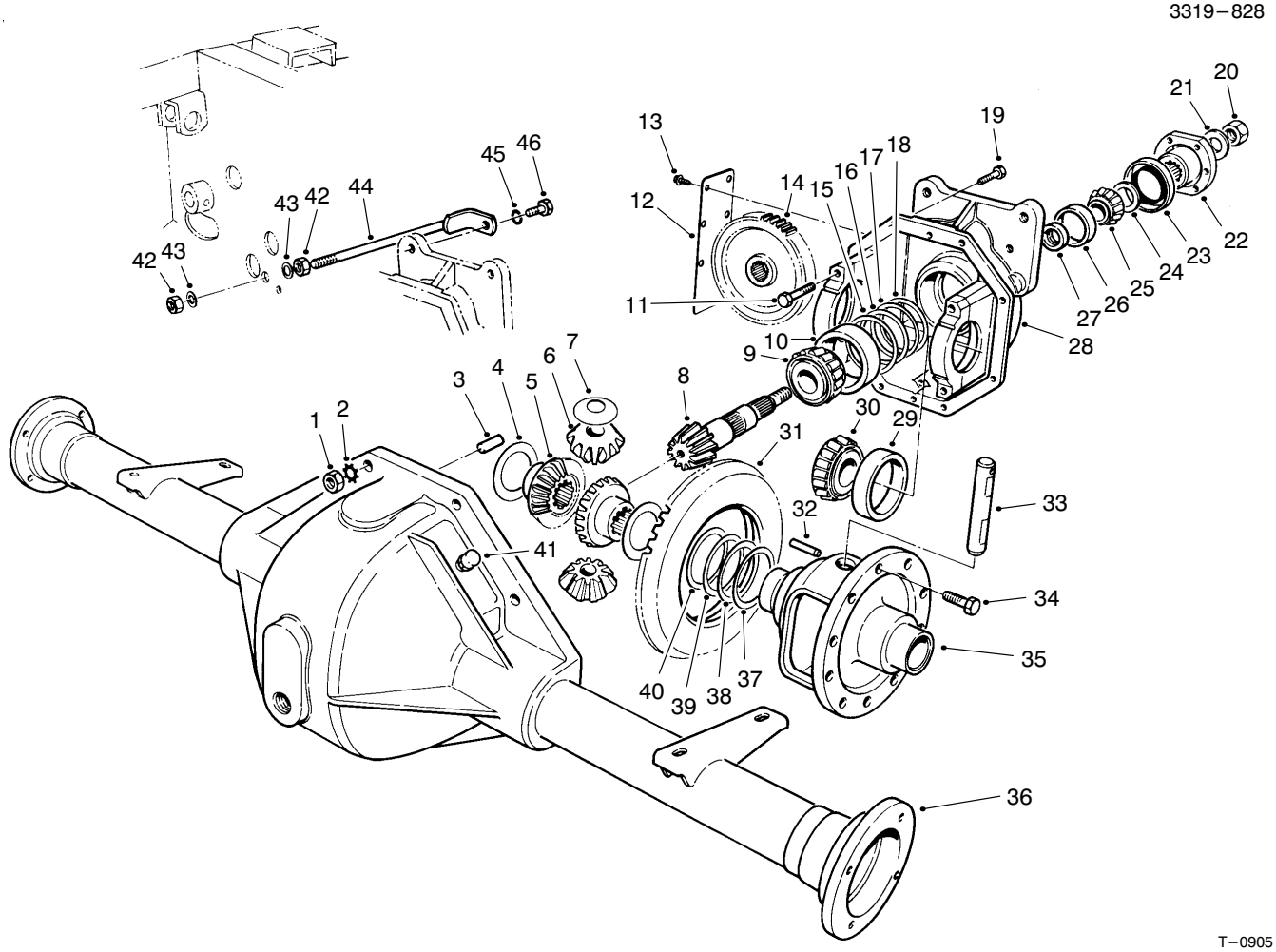
T−0905

FRONT AXLE ASSEMBLY NO. 86−9630

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	Gear − Bevel, Diff. Side	2
6	21−7690	Gear − Pinion	2
7	21−7730	Washer − Thrust	2
8		Pinion − Drive	1
9	43−6760	Cone − Bearing, Tapered	1
10	43−6750	Cup − Bearing, Tapered	1
11	92−1773	Screw − Cap Hex. Hd.	4
12	21−7830	Cover − Gear	1
13	12−5450	Screw − Thread Forming	8
14	86−7230	Gear − Spur	1
15	43−6710	Shim .003 − Diff. Adjust.	A/R
16	43−6711	Shim .005 − Diff. Adjust.	A/R
17	43−6712	Shim .010 − Diff. Adjust.	A/R
18	43−6713	Shim .030 − Diff. Adjust.	A/R
19	3210−7	Screw − Cap Hex. Hd.	8
20	71−4350	Nut	1
21	71−4340	Washer	1
22	68−7010	Flange	1
23	71−4330	Seal	1
24	72−3570	Shim .094 − Diff. Adjust.	A/R
*	72−3571	Shim .096 − Diff. Adjust.	A/R
*	72−3572	Shim .098 − Diff. Adjust.	A/R

Ref. No.	Part No.	Description	No. Used
*24	72−3573	Shim .100 − Diff. Adjust.	A/R
*	72−3574	Shim .102 − Diff. Adjust.	A/R
*	72−3575	Shim .104 − Diff. Adjust.	A/R
*	72−3576	Shim .106 − Diff. Adjust.	A/R
*	72−3577	Shim .108 − Diff. Adjust.	A/R
*	72−3578	Shim .110 − Diff. Adjust.	A/R
*	72−3580	Shim .112 − Diff. Adjust.	A/R
*	72−3581	Shim .114 − Diff. Adjust.	A/R
*	72−3582	Shim .116 − Diff. Adjust.	A/R
*	72−3583	Shim .118 − Diff. Adjust.	A/R
*	72−3584	Shim .120 − Diff. Adjust.	A/R
*	72−3585	Shim .125 − Diff. Adjust.	A/R
*	72−3586	Shim .127 − Diff. Adjust.	A/R
*	72−3587	Shim .129 − Diff. Adjust.	A/R
*	72−3588	Shim .131 − Diff. Adjust.	A/R
*	72−3590	Shim .133 − Diff. Adjust.	A/R
*	72−3591	Shim .135 − Diff. Adjust.	A/R
*	72−3592	Shim .137 − Diff. Adjust.	A/R
*	72−3593	Shim .139 − Diff. Adjust.	A/R
*	72−3594	Shim .141 − Diff. Adjust.	A/R
*	72−3595	Shim .143 − Diff. Adjust.	A/R
*	72−3596	Shim .145 − Diff. Adjust.	A/R
*	72−3597	Shim .147 − Diff. Adjust.	A/R
*	72−3598	Shim .149 − Diff. Adjust.	A/R
*	72−3600	Shim .151 − Diff. Adjust.	A/R
25	254−91	Cone − Bearing	1

* Not Illustrated



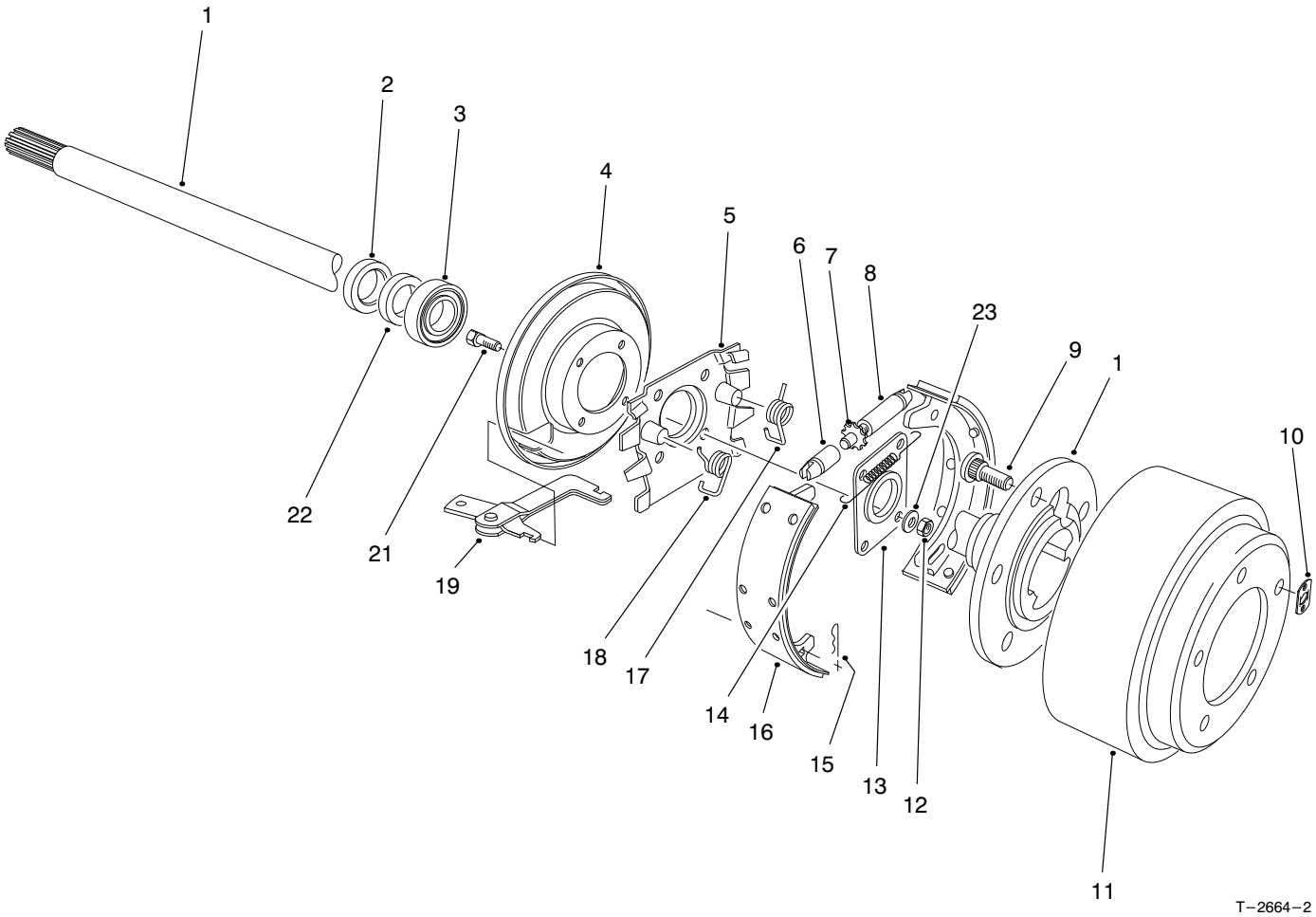
T−0905

FRONT AXLE ASSEMBLY NO. 86−9630 (Continued)

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

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

* Not Illustrated

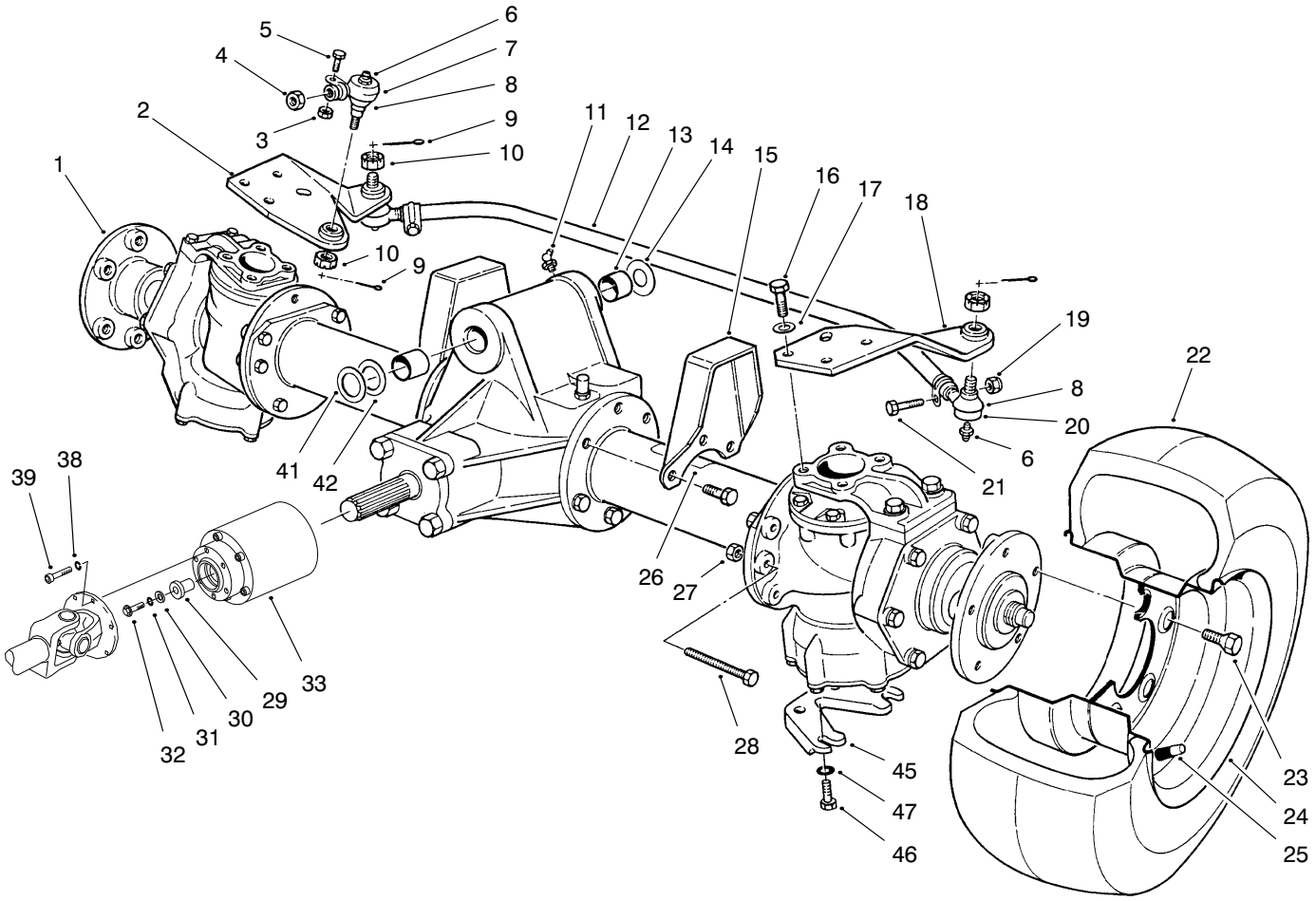


BRAKE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	28−0650	Shaft − Flanged, Axle	2
2	92−1774	Seal − Oil	2
3	21−8180	Bearing	2
4	21−9450	Dust Shield	2
5	43−6810	Torque − Spider	2
6	21−9390	Socket − Adjusting Screw	2
7	21−9370	Screw − Adjusting	2
8	21−9380	Nut − Pivot	2
9	242−34	Stud − Flanged, Axle	10
10	21−8360	Clip − Retaining	2
11	28−0680	Brake Drum	2
12	94−6935	Nut − Lock	8

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

* Not Illustrated

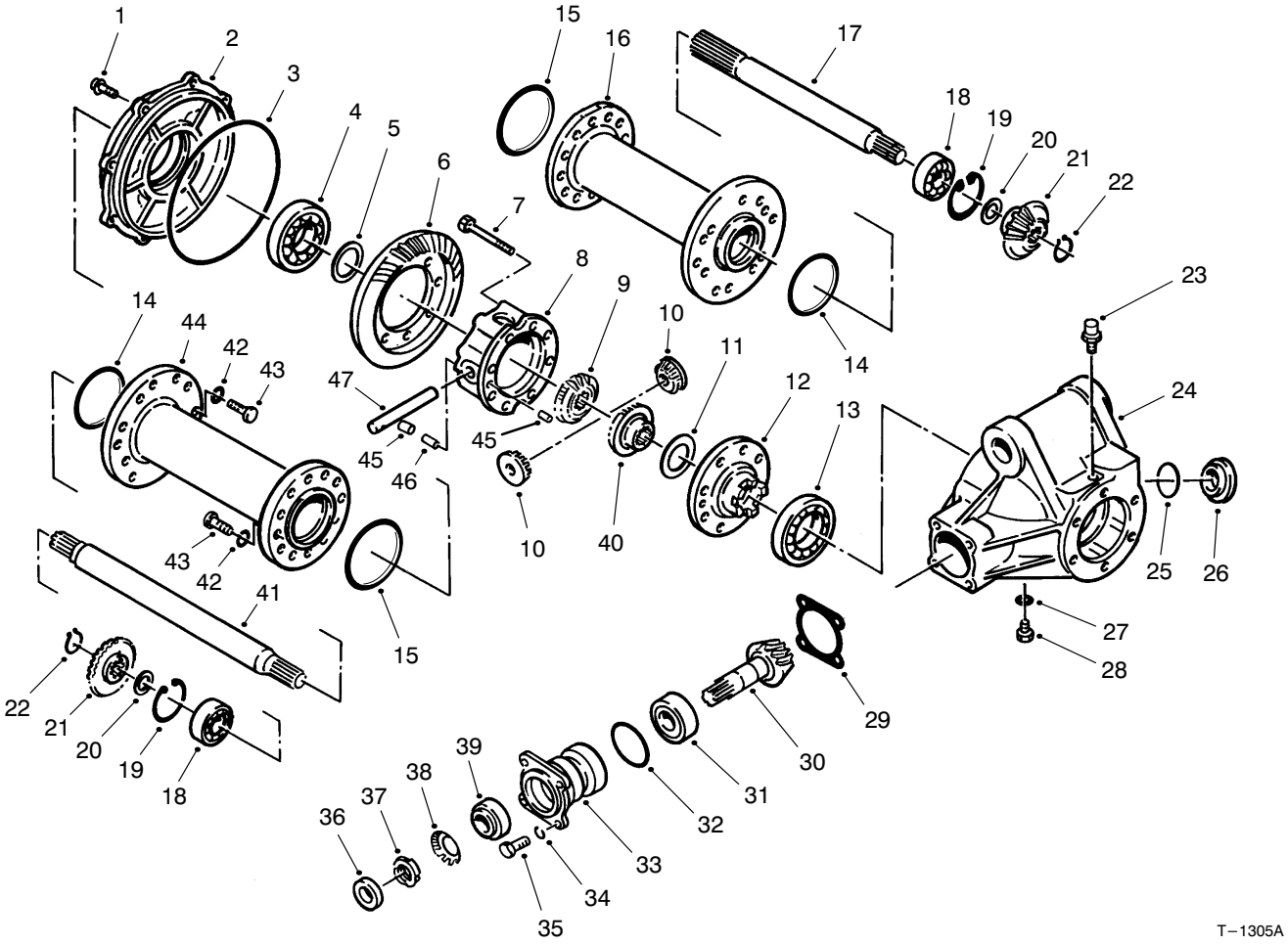


STEERABLE AXLE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	68−6824	Axle − Drive, Steerable	1
2	68−6910	Arm − R.H., Steering	1
3	3296−43	Nut − Lock	1
4	3220−5	Nut − Jam	1
5	3210−7	Screw − Cap Hex. Hd.	1
6	302−55	Fitting − Grease	3
7	68−6870	Rod End (Incl. Ref.#3, 5, 6, 8 & 10)	1
8	71−4760	Seal − Rod	3
9	3272−11	Pin − Cotter	3
10	32136−13	Nut − Slotted	3
11	302−11	Fitting − Grease	1
12	71−4750	Tube & Clamp Assembly	1
*	71−4530	Tie Rod Assembly (Incl. Ref.#6, 8, 10, 12, & 19−21)	1
13	67−1750	Bushing	2
14	71−4540	Washer − Thrust	1
15	68−6990	Stop − Oscillation	2
16	48−7780	Screw − Cap Hex. Hd.	8
17	48−9220	Washer − Flat	8
18	68−6930	Arm − L.H., Steering	1
19	3296−39	Nut − Lock	2

Ref. No.	Part No.	Description	No. Used
20	71−4740	Rod End (Incl. Ref. #6, 8 & 10)	2
21	323−9	Screw − Cap Hex. Hd.	2
22	231−122	Tire	2
23	71−4450	Bolt − Wheel	10
24	217−106	Wheel	2
25	232−31	Stem − Valve	2
26	93−6697	Decal − Lube	1
27	48−7960	Nut	2
28	71−4690	Screw − Cap Hex. Hd.	2
29	98−1823	Spacer	1
30	33094−00	Washer − Flat	1
31	3253−4	Washer−Lock	1
32	33104−040	Screw−HFH	1
33	95−6269	Clutch − Bidirectional	1
38	3253−3	Washer − Lock	6
39	3274−8	Screw − Cap Hex. Hd.	6
41	56−2460	Washer − Flat	A/R
42	5−1226	Washer	A/R
45	93−1395	Plate − Skid	2
46	48−7730	Screw − Cap Hex. Hd.	4
47	3256−23	Washer − Flat	4

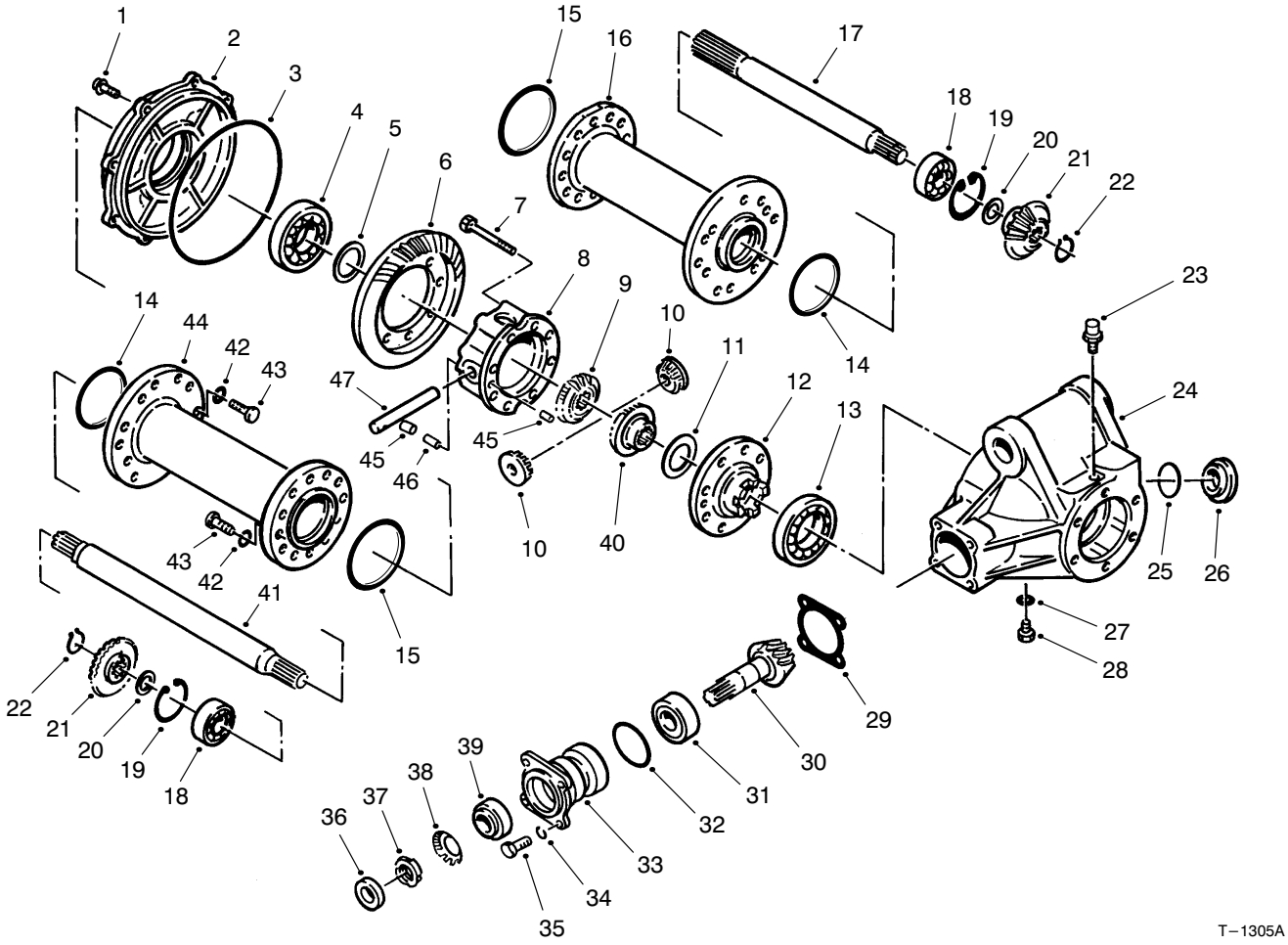
* Not Illustrated



REAR AXLE ASSEMBLY NO. 68−6824

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

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

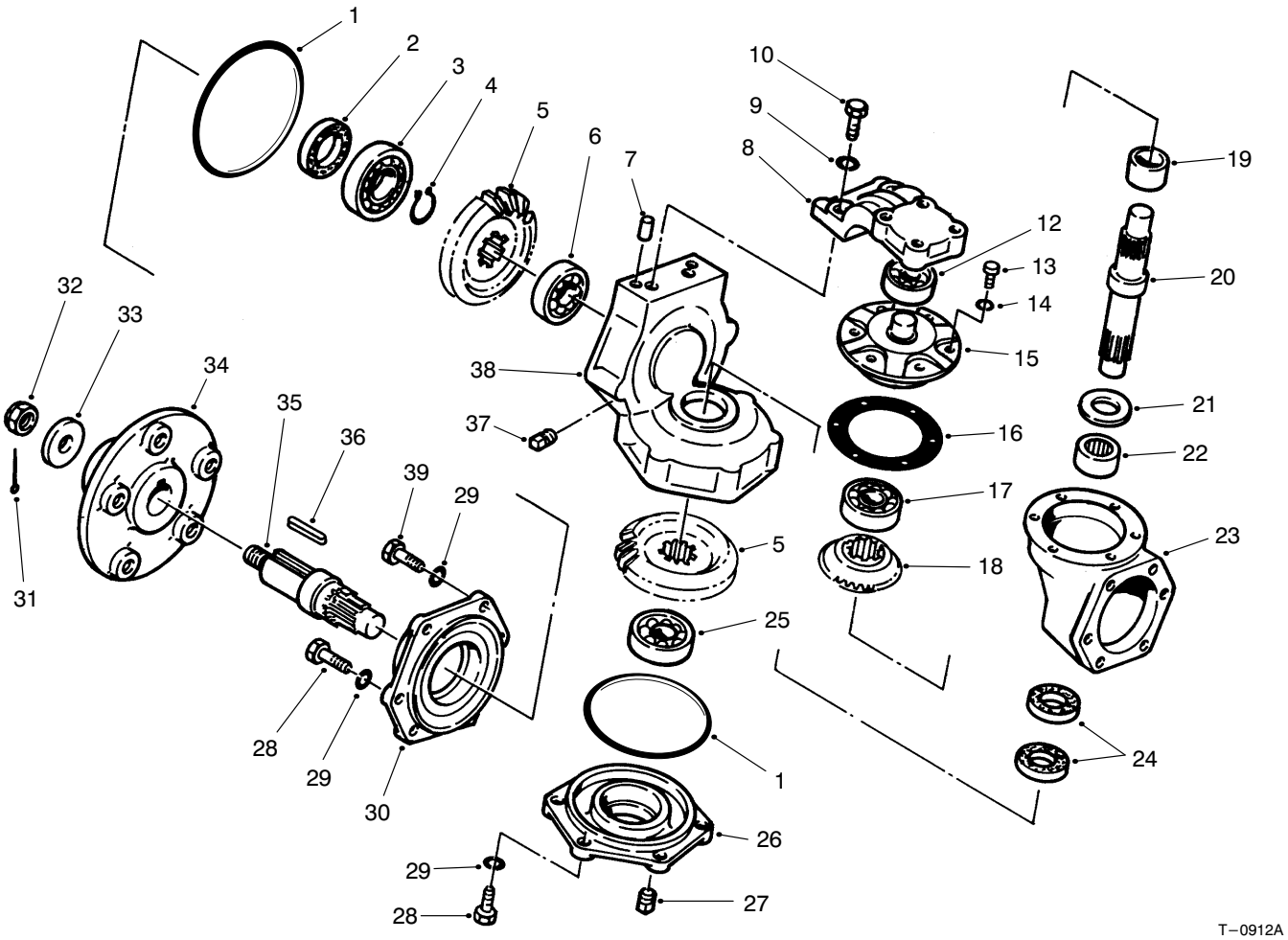


T−1305A

REAR AXLE ASSEMBLY NO. 68−6824 (Continued)

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

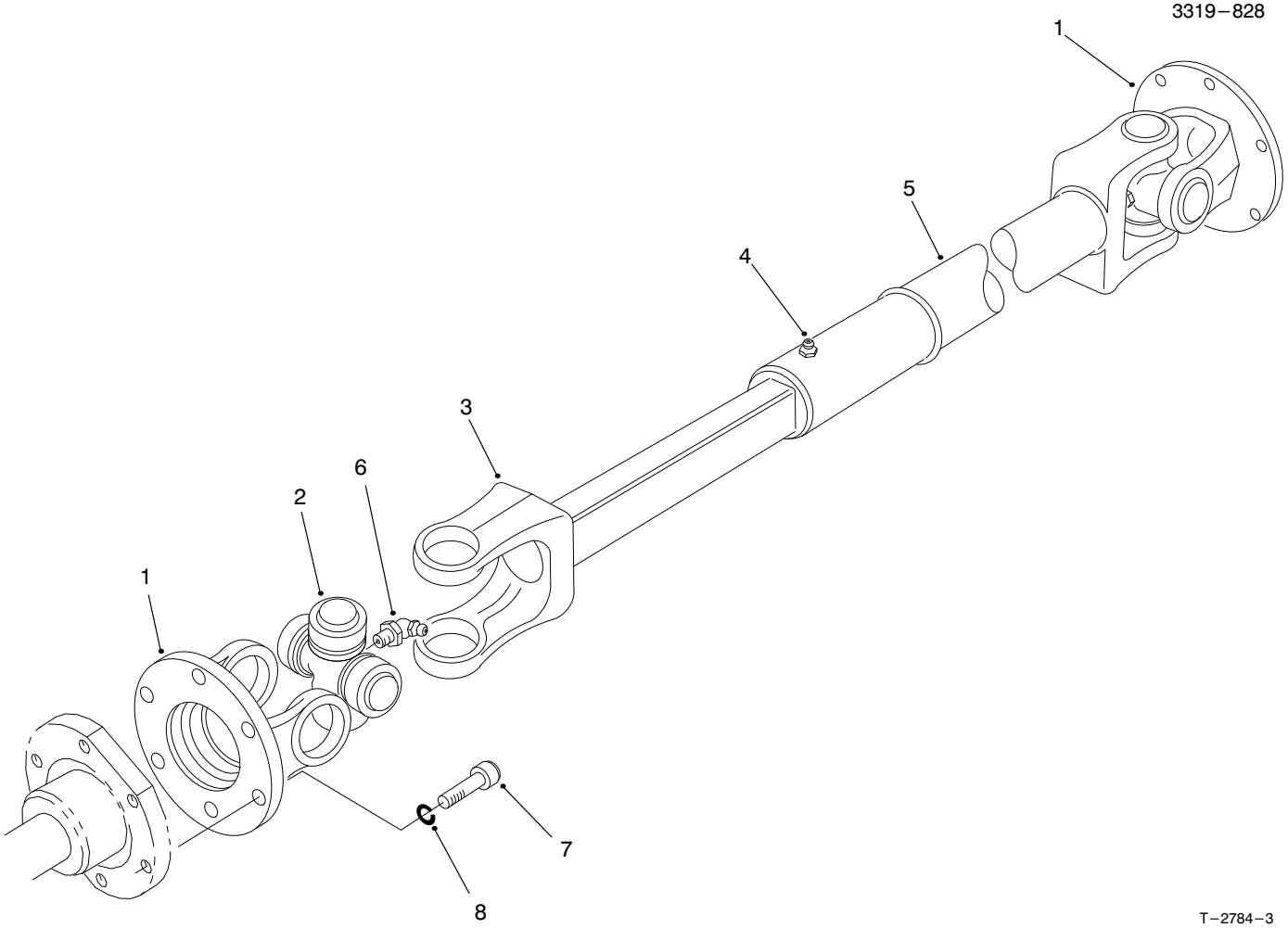
Ref. No.	Part No.	Description	No. Used
47	72−5020	Shaft − Pinion	1
*	83−5370	Ring & Pinion Assembly (Incl. Ref. #6 & 30)	1



REAR AXLE ASSEMBLY NO. 68−6824 (Continued)

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

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



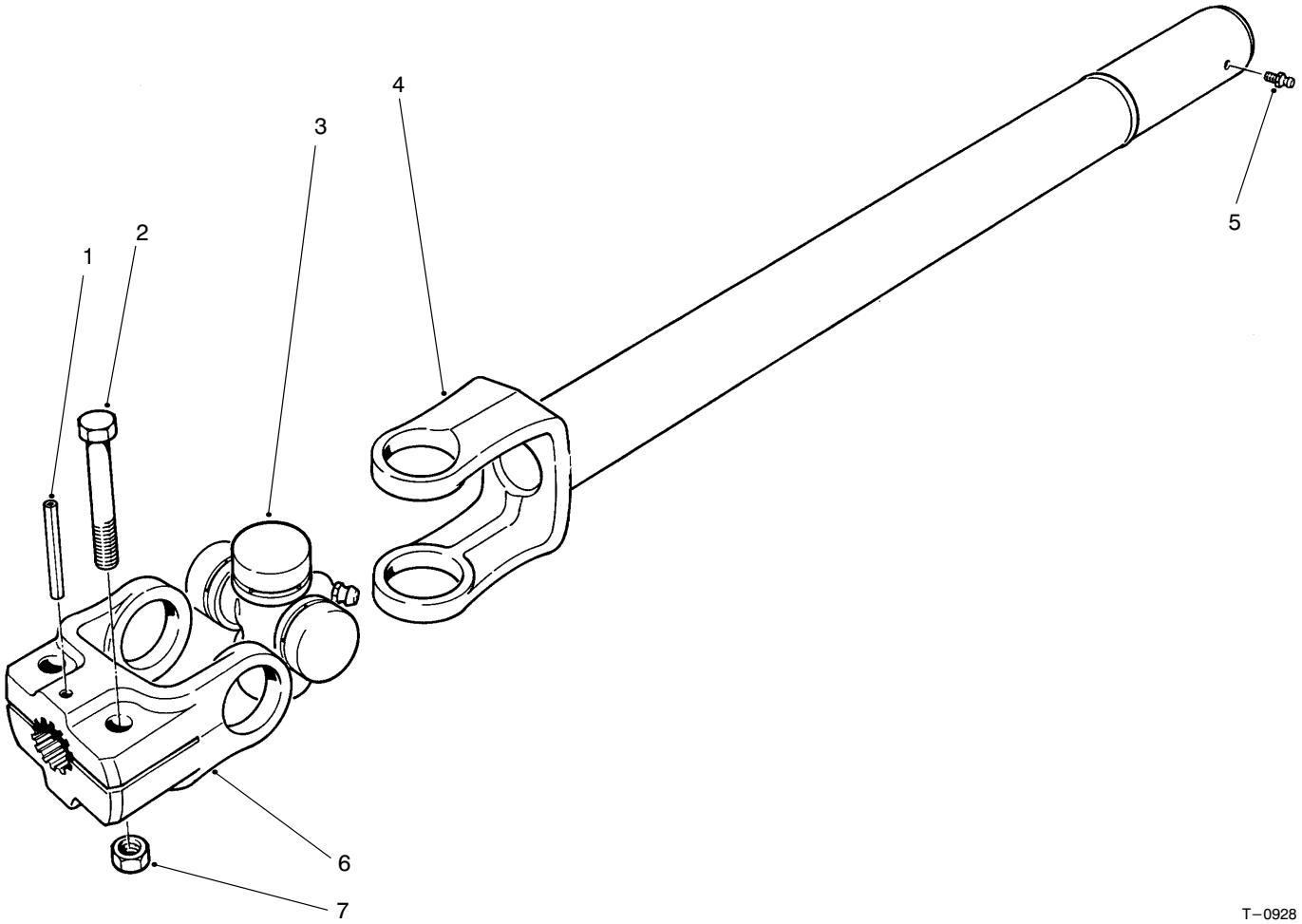
T−2784−3

DRIVE SHAFT ASSEMBLY NO. 98−5009

Ref. No.	Part No.	Description	No. Used
1	72−3410	Yoke − Flange	2
2	54−9180	Kit − Universal Joint	2
3	72−3420	Shaft − Yoke, Slip	1
4	302−58	Fitting − Grease	1
5	72−3431	Tube − Yoke, Slip	1

Ref. No.	Part No.	Description	No. Used
6	62−3820	Fitting − Grease 65˚	2
†7	3274−8	Screw − Cap Soc. Hd.	6
†8	3253−3	Washer − Lock	6
*	98−5009	Driveshaft (Complete)	1

* Not Illustrated
† Order Item Separately

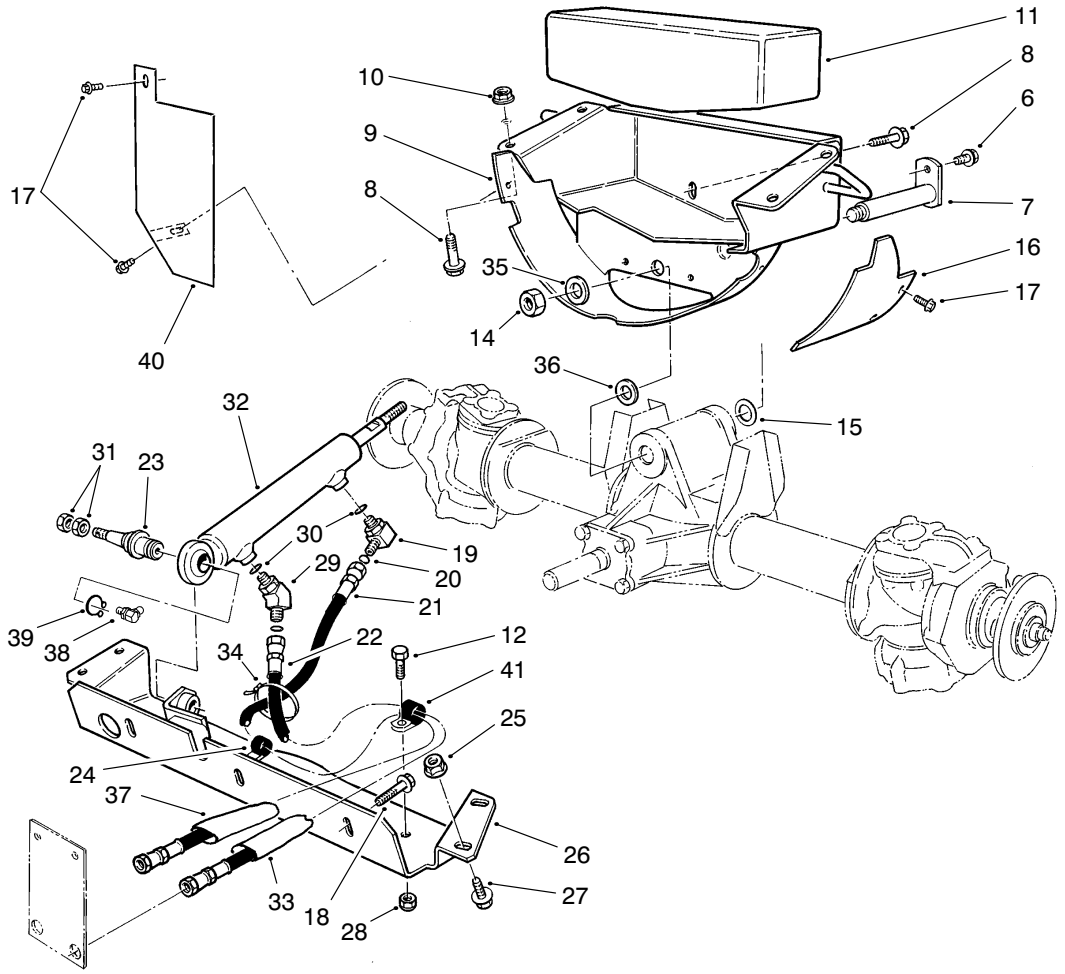


T−0928

DRIVE SHAFT ASSEMBLY NO. 72−3741

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

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

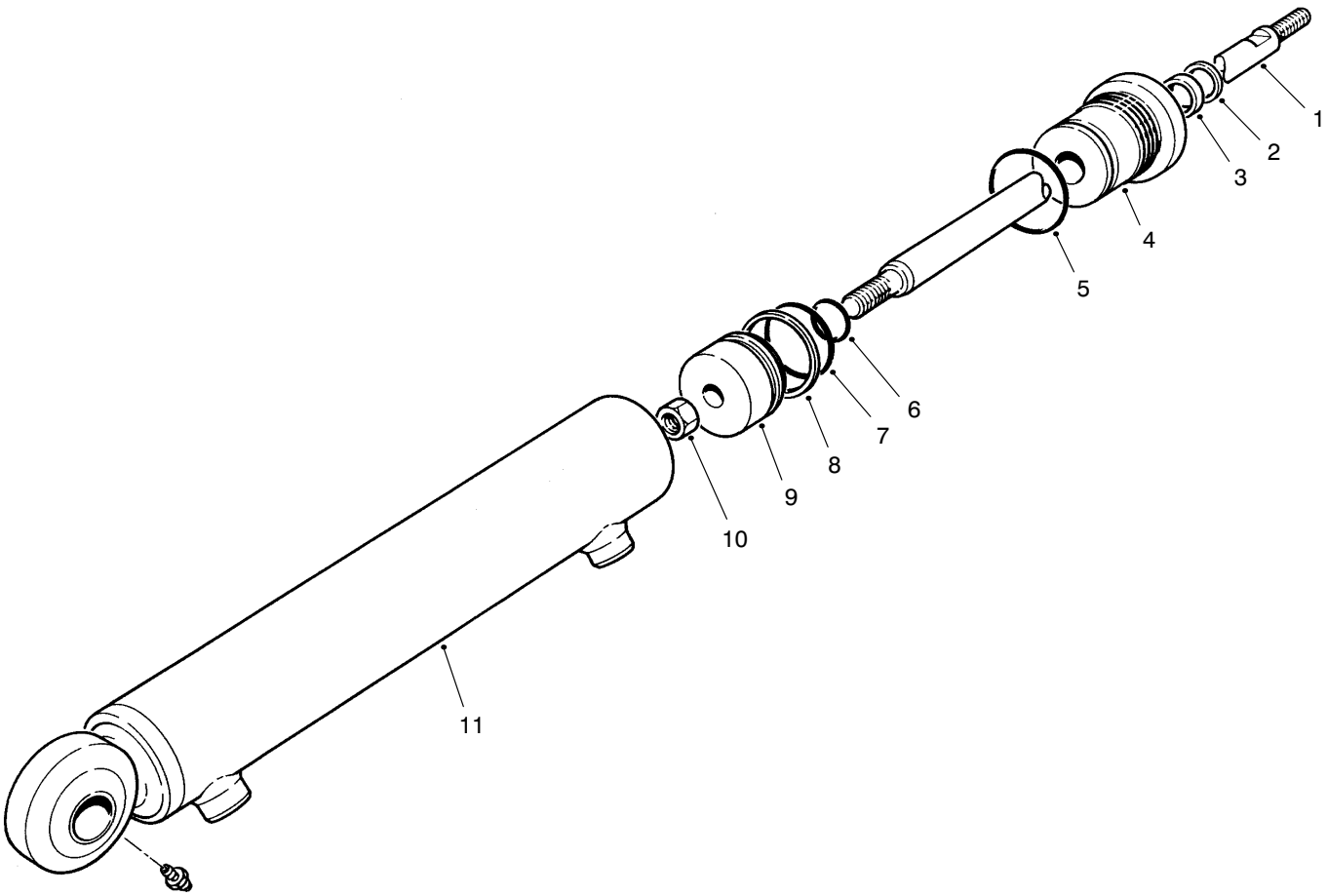


T−0908−3

AXLE SUPPORT & STEERING CROSS MEMBER

Ref. No.	Part No.	Description	No. Used
6	32144−14	Screw − Self Tapping	1
7	92−7807	Pin − Axle Rear	1
8	3234−32	Screw − Flange Hex. Hd.	6
9	92−7803	Support − Axle	1
10	32128−23	Nut − Lock Flange	4
11	67−8960	Weight − Rear	1
12	322−5	Screw − Cap Hex. Hd.	2
14	32146−20	Nut	1
15	71−4540	Washer − Thrust	1
16	93−7042	Cover − Guard Flywheel	1
17	32144−10	Screw − Thread Forming	4
18	3234−24	Screw − Flange Hex. Hd.	3
19	340−97	Elbow − Fitting	1
20	237−22	O−Ring	2
21	71−4430	Hose Assy. − Steering	1
22	68−9710	Hose Assy. − Steering	1
23	92−5838	Ball Joint	1
24	2412−39	Clamp	1

Ref. No.	Part No.	Description	No. Used
25	32128−21	Nut − Flange	4
26	92−7810	Cross Member	1
27	3234−25	Screw − Flange Hex. Hd.	4
28	3296−20	Nut − Lock	2
29	340−54	Fitting	1
30	237−78	O−Ring	2
31	3220−6	Nut − Jam	2
32	92−7829	Cylinder − Hyd. Steering	1
33	56−7981	Sleeve − Protective	1
34	3290−379	Tie − Cable	1
35	5−1226	Washer	A/R
36	56−2460	Washer − Flat	A/R
37	56−7985	Sleeve − Protective	1
38	302−60	Fitting − Grease 90˚	1
39	32151−104	Ring − Retaining	1
40	93−8738	Guard − Flywheel	1
41	2412−74	Clamp	1



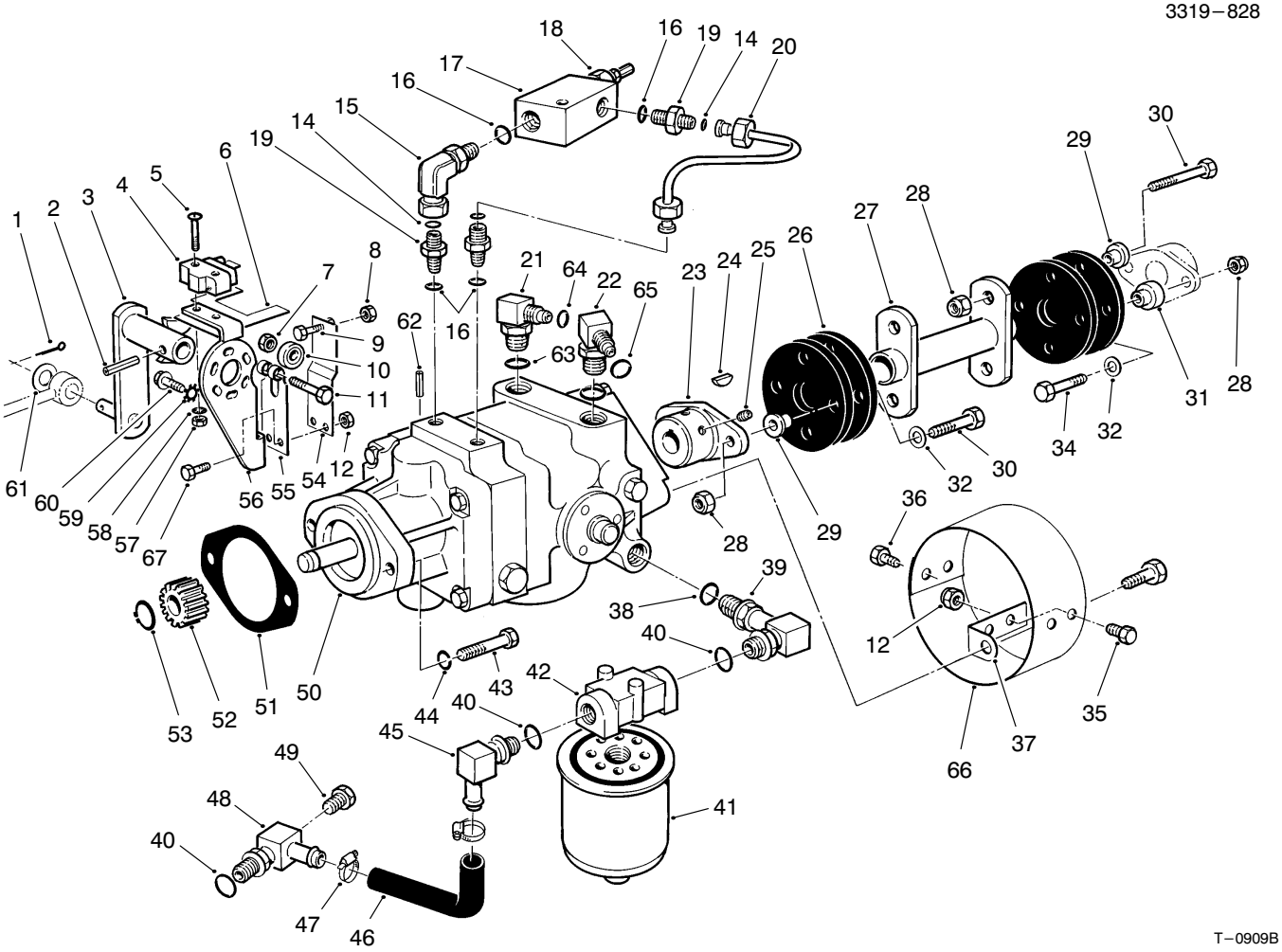
T−0904

STEERING CYLINDER PART NO. 92−7829

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

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

* Not Illustrated

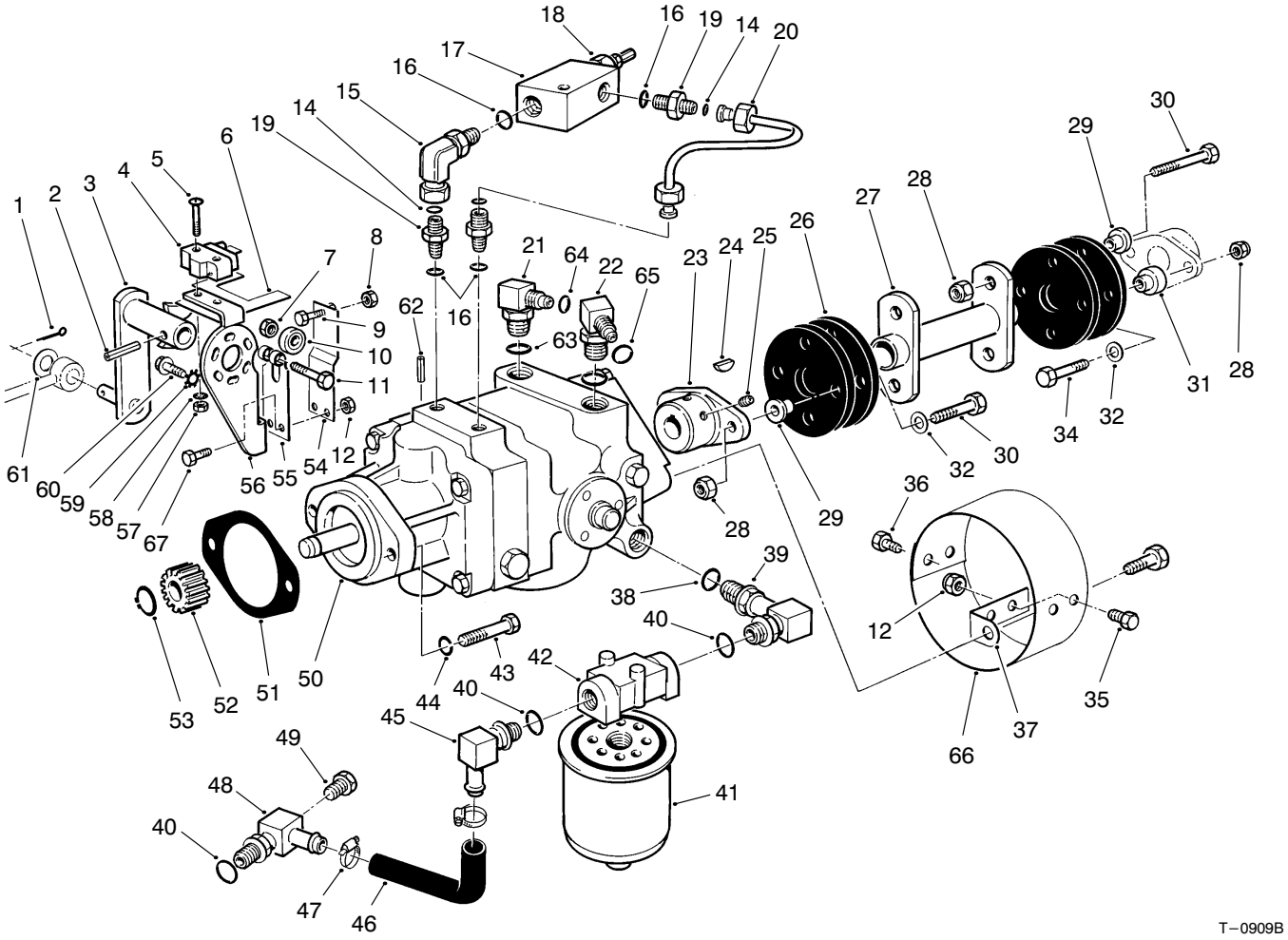


HYDROSTATIC TRANSMISSION

Ref. No.	Part No.	Description	No. Used
1	3272−10	Pin − Cotter	1
2	32121−24	Pin − Roll	1
3	28−9570	Lever − Pump	1
4	29−6163	Switch − Micro	1
5	3249−11	Screw − Mach. Rd. Hd.	2
6	46−8810	Stop − Leaf, Spring	1
7	3296−29	Nut − Lock	1
8	3219−2	Nut − Hex	1
9	3210−7	Screw − Cap Hex. Hd.	1
10	251−259	Bearing − Ball	1
11	322−17	Screw − Cap Hex. Hd.	1
12	3296−42	Nut − Lock	6
14	237−21	O−Ring	3
15	340−143	Elbow − Swivel	1
16	237−78	O−Ring	4
17	72−3710	Body − Valve, Relief	1
18	72−3720	Cartridge − Valve, Relief	1
*	72−3730	Seal Kit (Relief Valve)	1
*	72−3540	Valve − Relief Adj. (Incl. Ref.#17 & 18)	1
19	340−92	Adapter − Straight	3
20	72−3550	Tube Assembly	1
21	340−77	Elbow − Fitting	1
22	340−99	Elbow − Fitting	1
23	33−4380	Hub − Pump	1
24	3257−32	Key − Woodruff	1

Ref. No.	Part No.	Description	No. Used
25	3241−5	Screw − Set, Sq. Hd.	2
26	44−2230	Coupling − Rubber	4
27	71−4400	Coupling − Drive	1
28	32152−1	Nut − Lock	8
29	71−4411	Spacer − Coupling, Rubber	6
30	322−8	Screw − Cap Hex. Hd.	6
31	71−4410	Spacer − Coupling, Rubber	2
32	3256−3	Washer − Flat	4
34	322−10	Screw − Cap Hex. Hd.	2
35	321−2	Screw − Cap Hex. Hd.	2
36	321−4	Screw − Cap Hex. Hd.	2
37	54−9290	Bracket	2
38	237−80	O−Ring	1
39	68−8660	Elbow − Fitting	1
40	237−81	O−Ring	3
41	23−9740	Filter − Oil	1
42	68−8990	Head − Filter	1
43	323−7	Screw − Cap Hex. Hd.	2
44	3253−21	Washer − Lock	2
45	353−987	Elbow − Fitting	1
46	68−9650	Hose − Axle	1
47	2412−34	Clamp − Hose	2
48	70−2620	Elbow − Fitting	1
49	353−508	Plug − Drain	1
50	92−8947	Transmission − Inline	1
51	41−8760	Gasket − Transmission	1

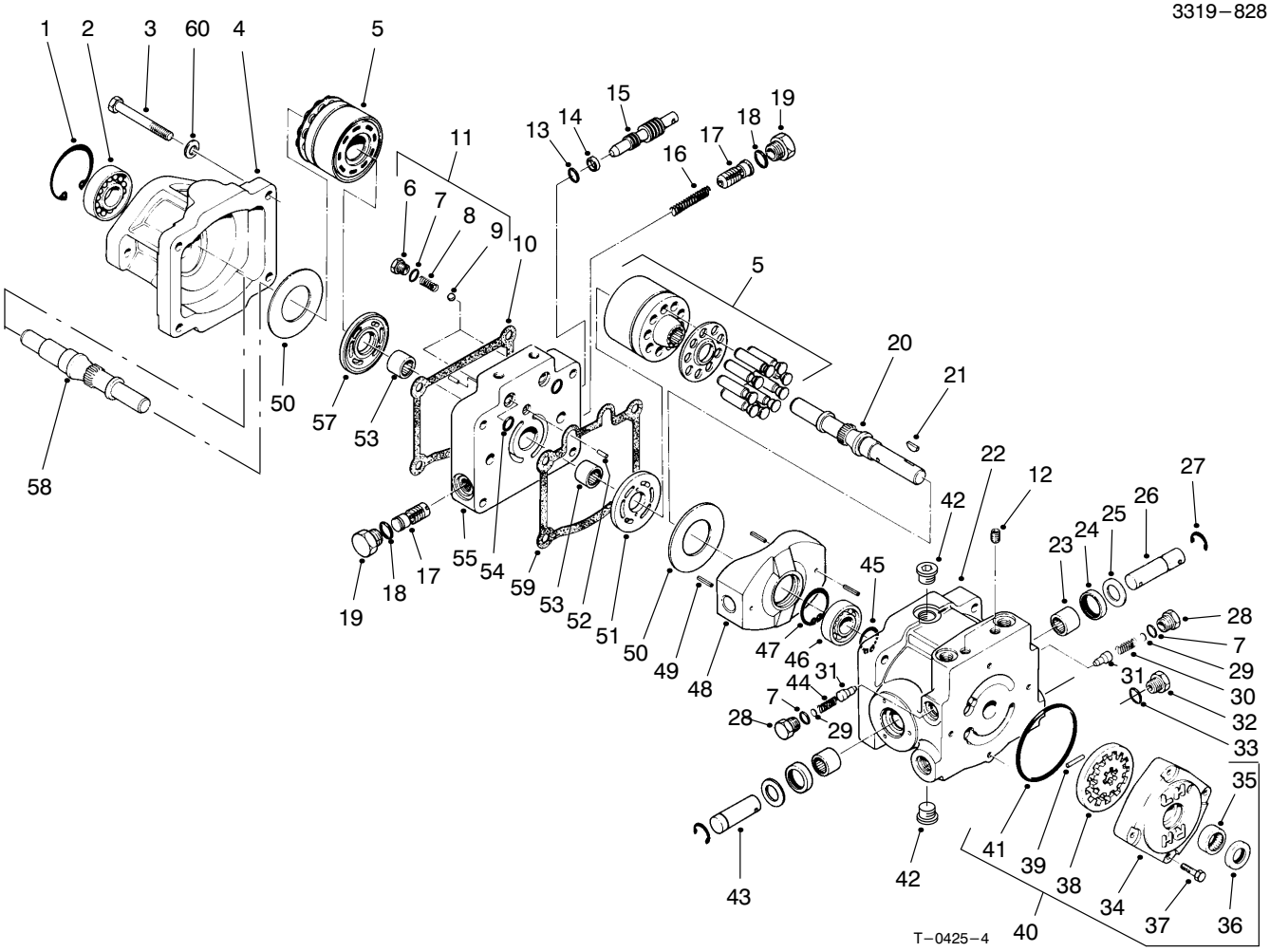
* Not Illustrated



HYDROSTATIC TRANSMISSION (Continued)

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

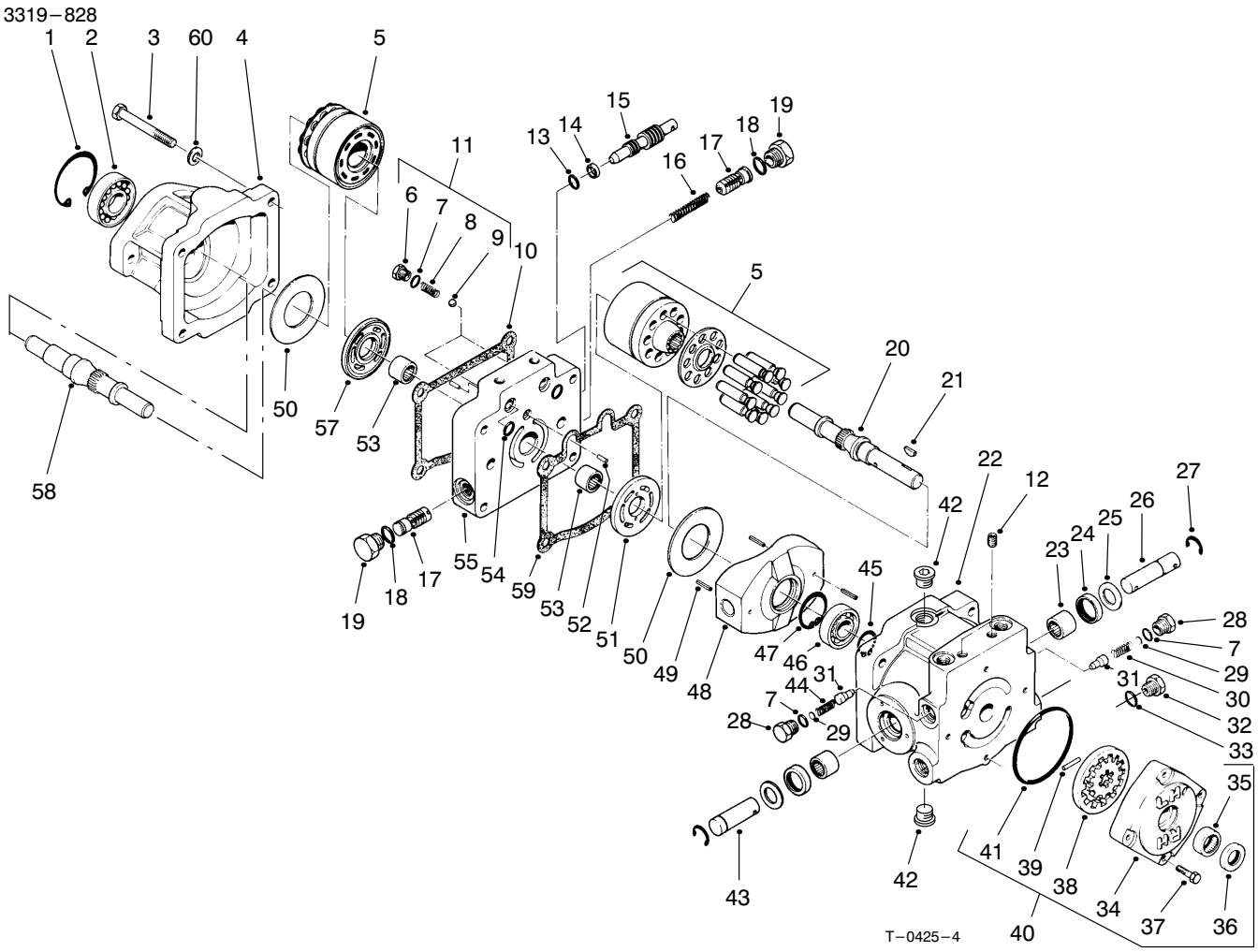
Ref. No.	Part No.	Description	No. Used
61	3256−6	Washer − Flat	1
62	32121−6	Pin − Roll	1
63	237−42	O−Ring	2
64	237−22	O−Ring	1
65	237−30	O−Ring	1
66	54−9300	Cover	1
67	321−6	Screw − Cap Hex. Hd.	2
*	95−3092	Kit − 400 Hour Filter (Incl. Ref. #41)	1



TRANSMISSION ASSEMBLY NO. 92−8947

Ref. No.	Part No.	Description	No. Used
1	32120−8	Ring − Retaining	1
2	72−3750	Bearing − Ball	1
3	323−56	Screw − Cap Hex. Hd.	4
4	67−9080	Housing − Motor	1
5	48−1800	Cylinder Block Kit	2
6	25−2650	Check Valve Plug	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	Check Valve Kit (Incl. Ref. #6−9)	2
12	285−17	Pipe Plug	4
13	237−22	O−Ring	1
14	25−2630	Back−Up Ring	1
15	88−8220	By−Pass Valve	1
16	25−2610	Accel. Valve Spring	1
17	25−2410	Accel. Valve Assembly	2
18	76−1900	O−Ring	2
19	353−550	Plug − Hex. Hd.	2
20	67−8020	Pump Shaft	1
21	3257−32	Key − Woodruff	1
22	54−7890	Pump Housing (Incl. Ref. #12 & 23−25)	1
23	252−82	Bearing − Bearing	2
24	25−3210	Lip Seal	2

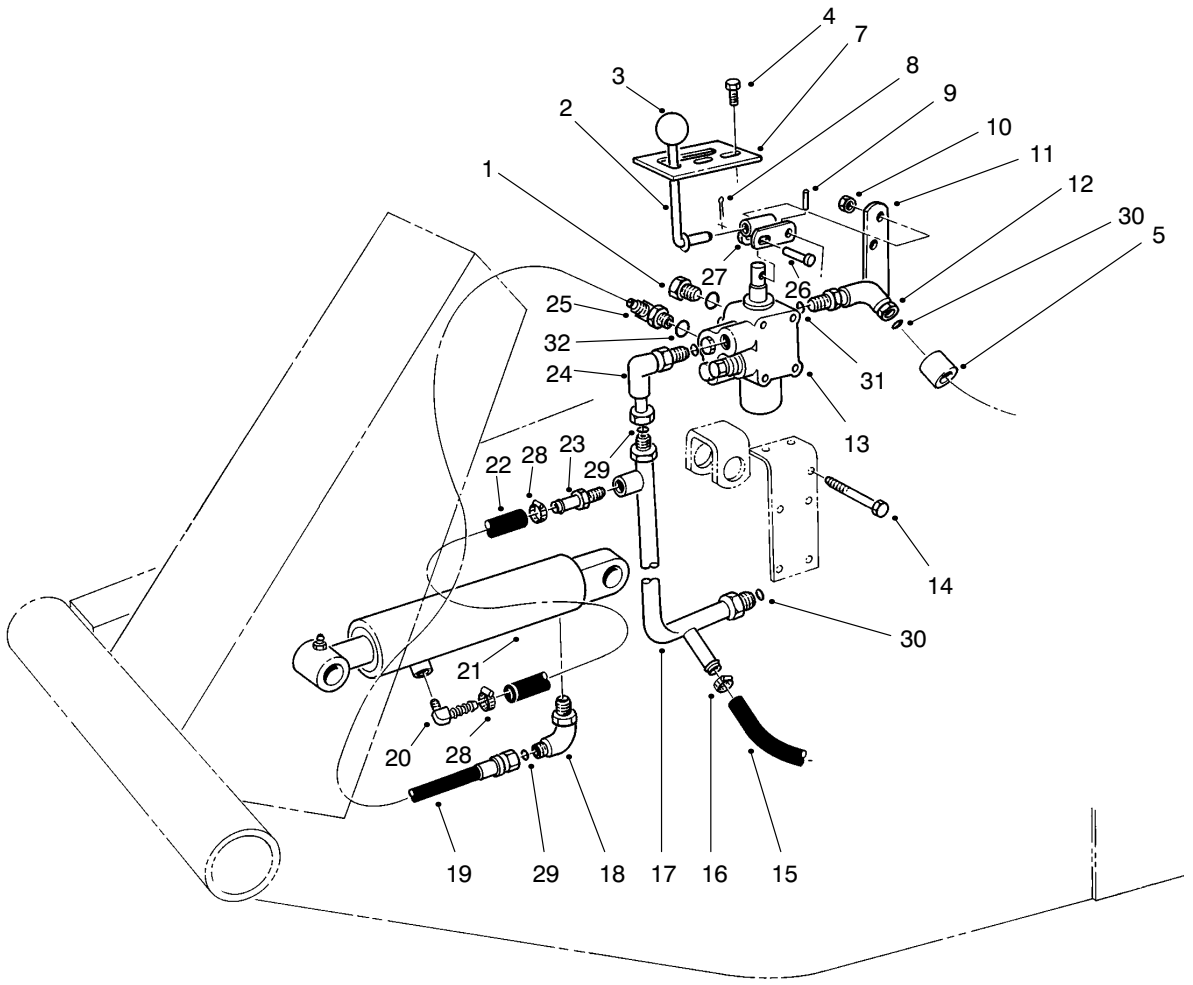
Ref. No.	Part No.	Description	No. Used
25	25−2510	Washer − Flat	2
26	25−2580	Trunnion Shaft	1
27	32151−46	Ring − Retaining	2
28	25−2460	Plug − Hex. Hd.	2
29	25−2470	Shim Pack	2
30	25−2570	Valve Spring	1
31	83−7260	Relief Valve Cone	2
32	353−551	Plug − Hex. Hd.	1
33	237−80	O−Ring	1
34	25−2550	Charge Pump Housing	1
35	67−8050	Bearing − Needle	1
36	93−4133	Lip Seal	1
37	322−4	Screw − Cap Hex. Hd.	4
38	25−2680	Gerotor Assembly	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	2
43	25−2500	Trunnion Shaft	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



TRANSMISSION ASSEMBLY NO. 92−8947 (Continued)

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

Ref. No.	Part No.	Description	No. Used
57	25−2390	Motor Valve Plate	1
58	46−8410	Motor Shaft	1
59	25−2400	Gasket	1
60	93−0312	Washer − Hardened	4
61	92−8776	Plug	4
62	92−8777	O−Ring	2



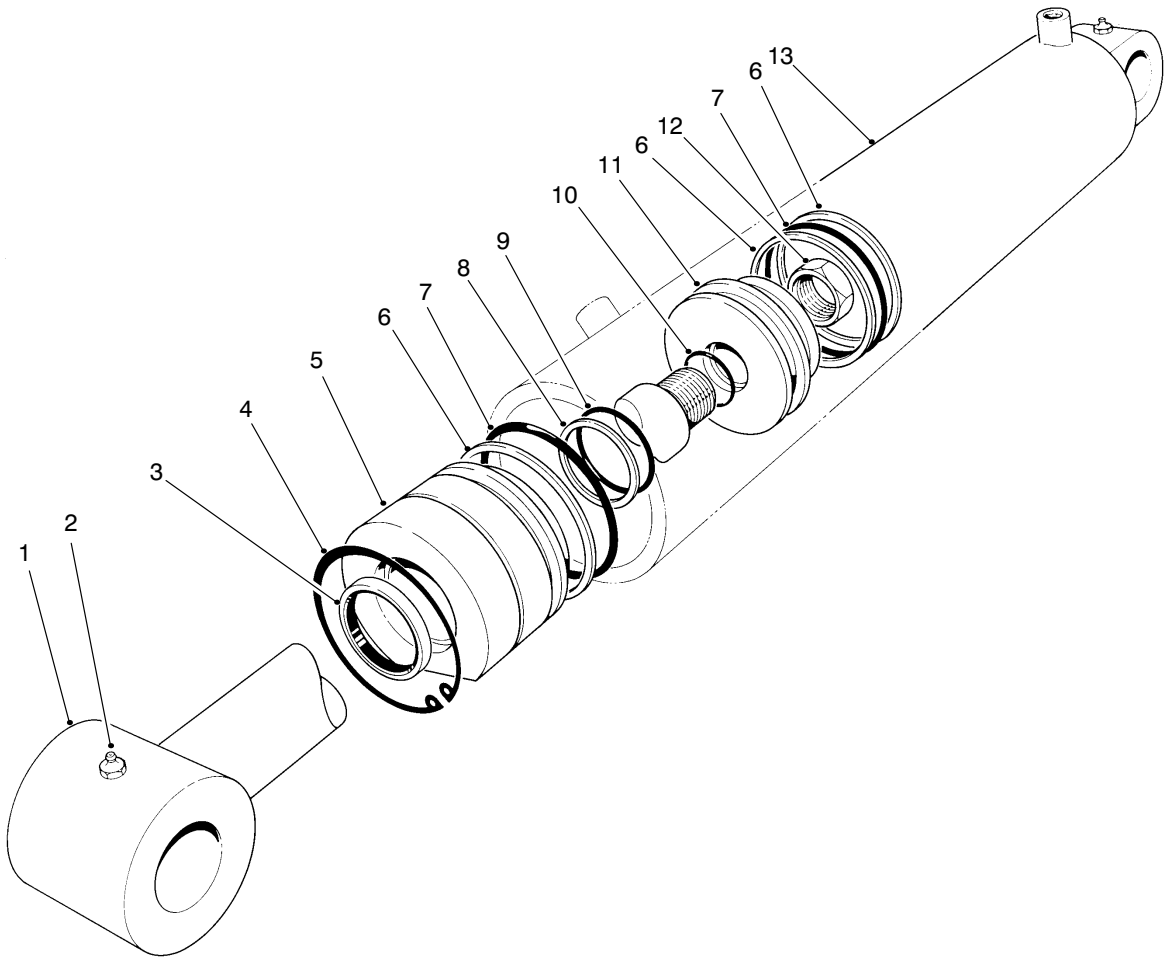
T−0426A

VALVE & CYLINDER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	353−512	Plug	1
2	21−8620	Lever Valve	1
3	233−21	Knob	1
4	32144−10	Screw − Hex. Self Tapping	2
5	38−3400	Guard − Rubber	1
7	21−8640	Latch − Valve Lever	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	Valve Assembly	1
14	321−23	Screw − Cap Hex. Hd.	5
15	63−8990	Hose	1
16	2412−36	Clamp Hose	1
17	63−9260	Manifold − Valve	1
18	340−112	Elbow − 90˚	1

Ref. No.	Part No.	Description	No. Used
19	92−7833	Hose − (Valve to Cylinder)	1
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

* Not Illustrated



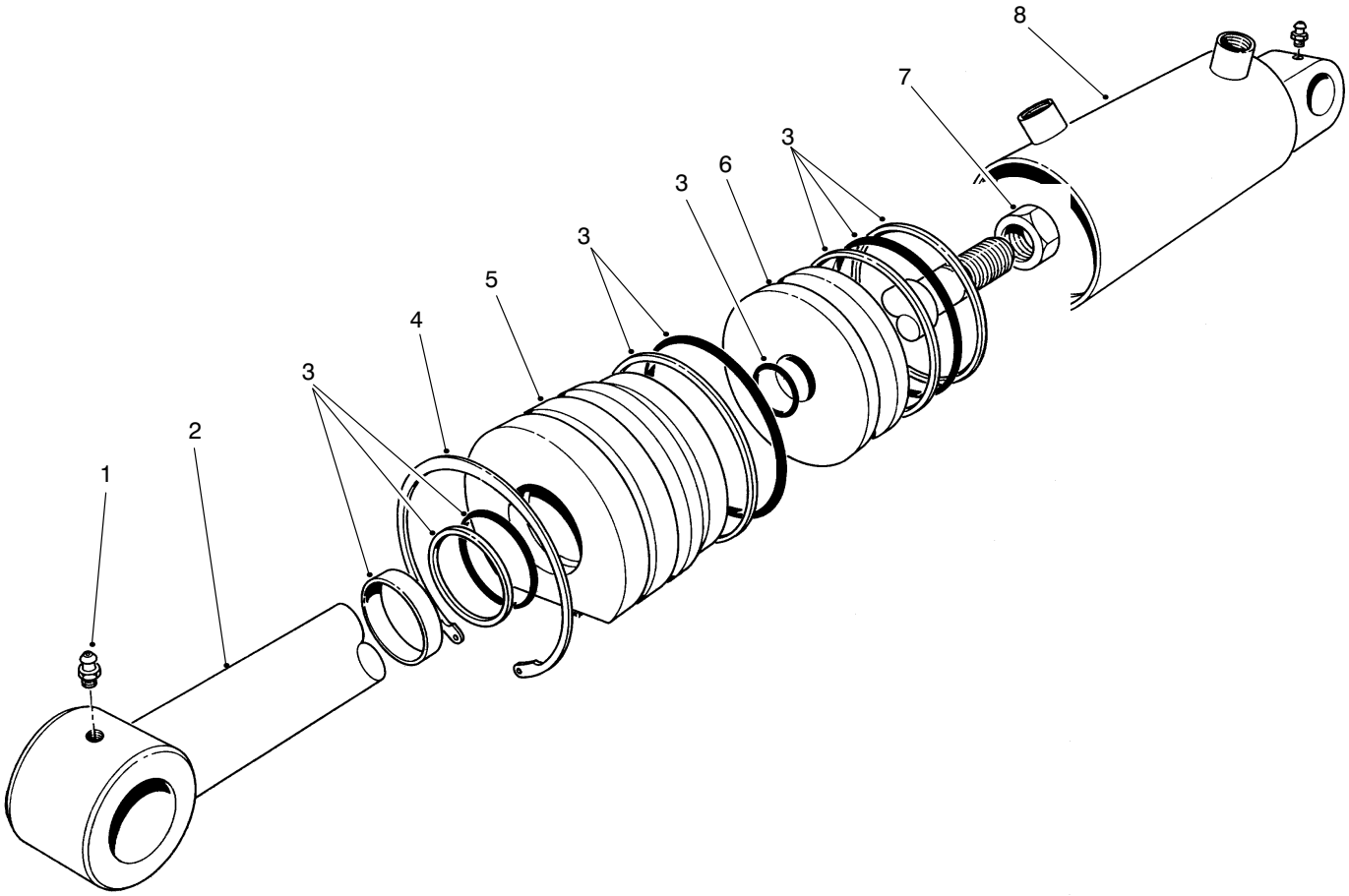
T−0859

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

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

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

* Not Illustrated
† Not Available Separately

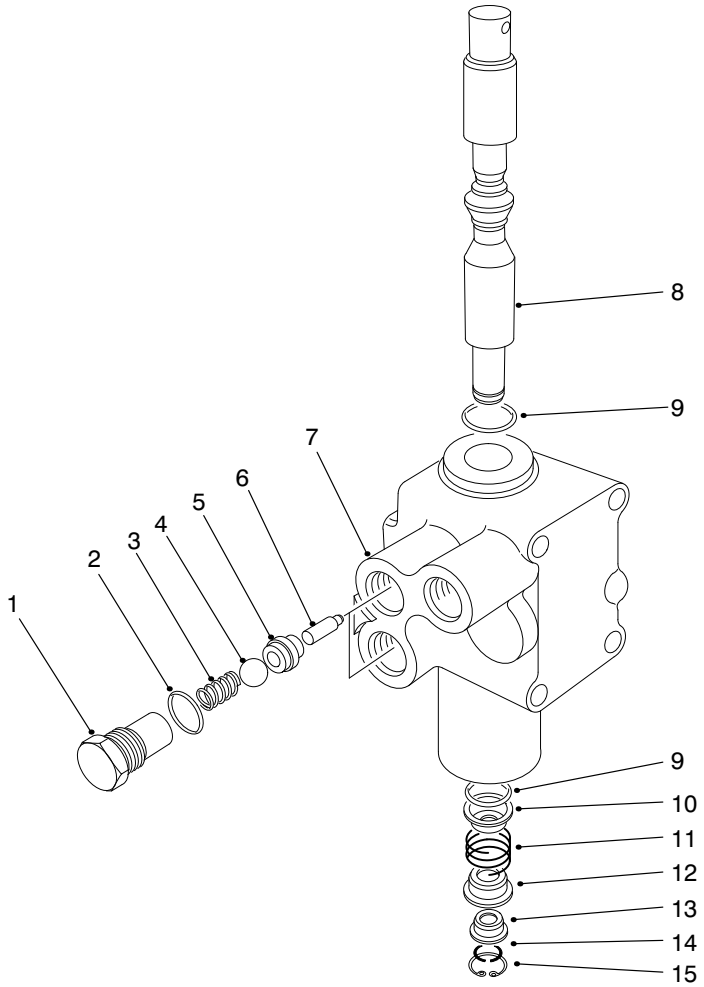


T−0527

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

Ref. No.	Part No.	Description	No. Used
1	302−55	Fitting − Grease	2
2	67−5480	Shaft	1
3	67−5500	Repair Kit	1
4	67−5470	Ring − Retaining	1
5	67−5460	Head	1
6	67−5450	Piston	1
7	60−9760	Nut − Hex	1
*8		Barrel	1

* Not Available Separately

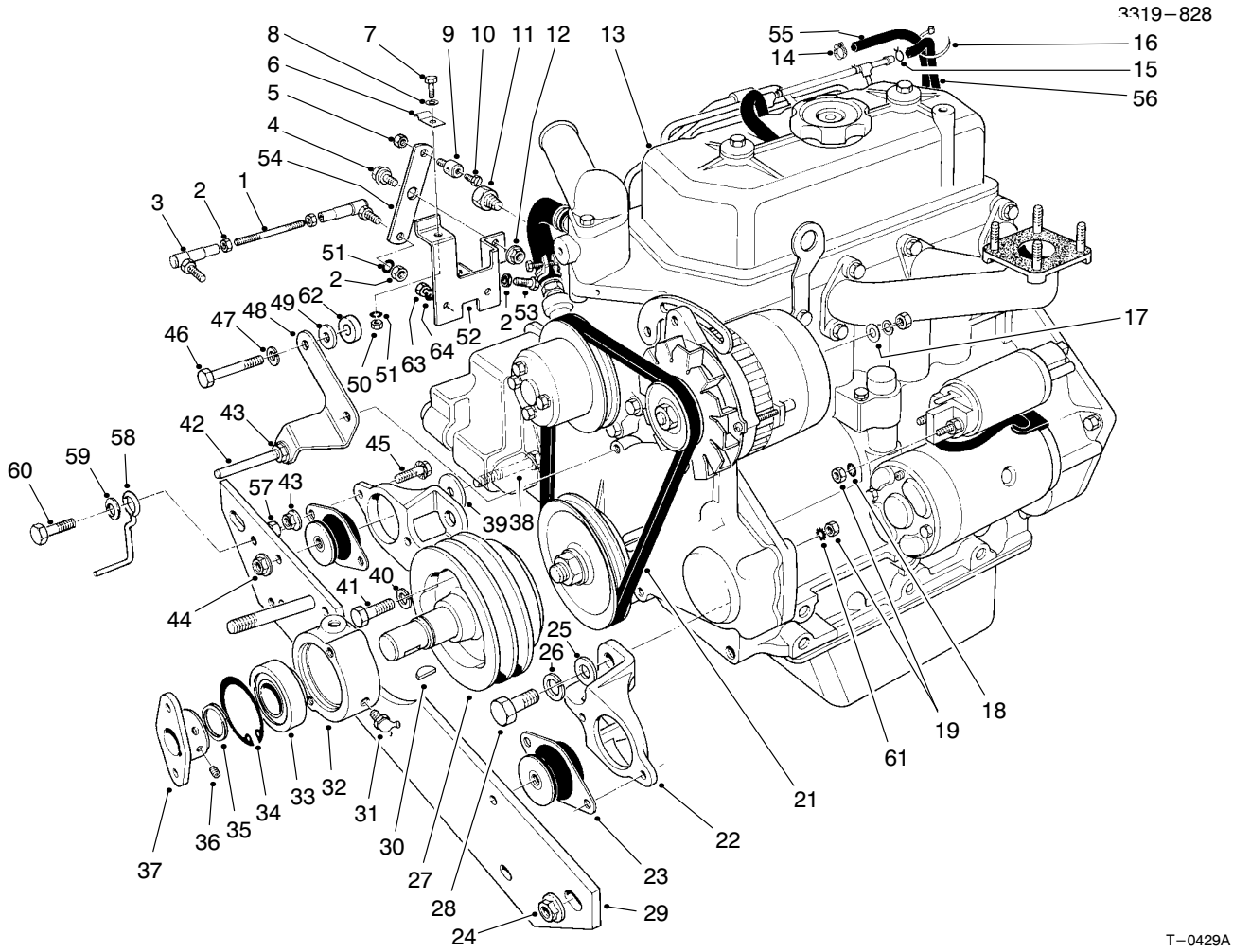


T−0428−2

CONTROL VALVE ASSEMBLY NO. 43−1710

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

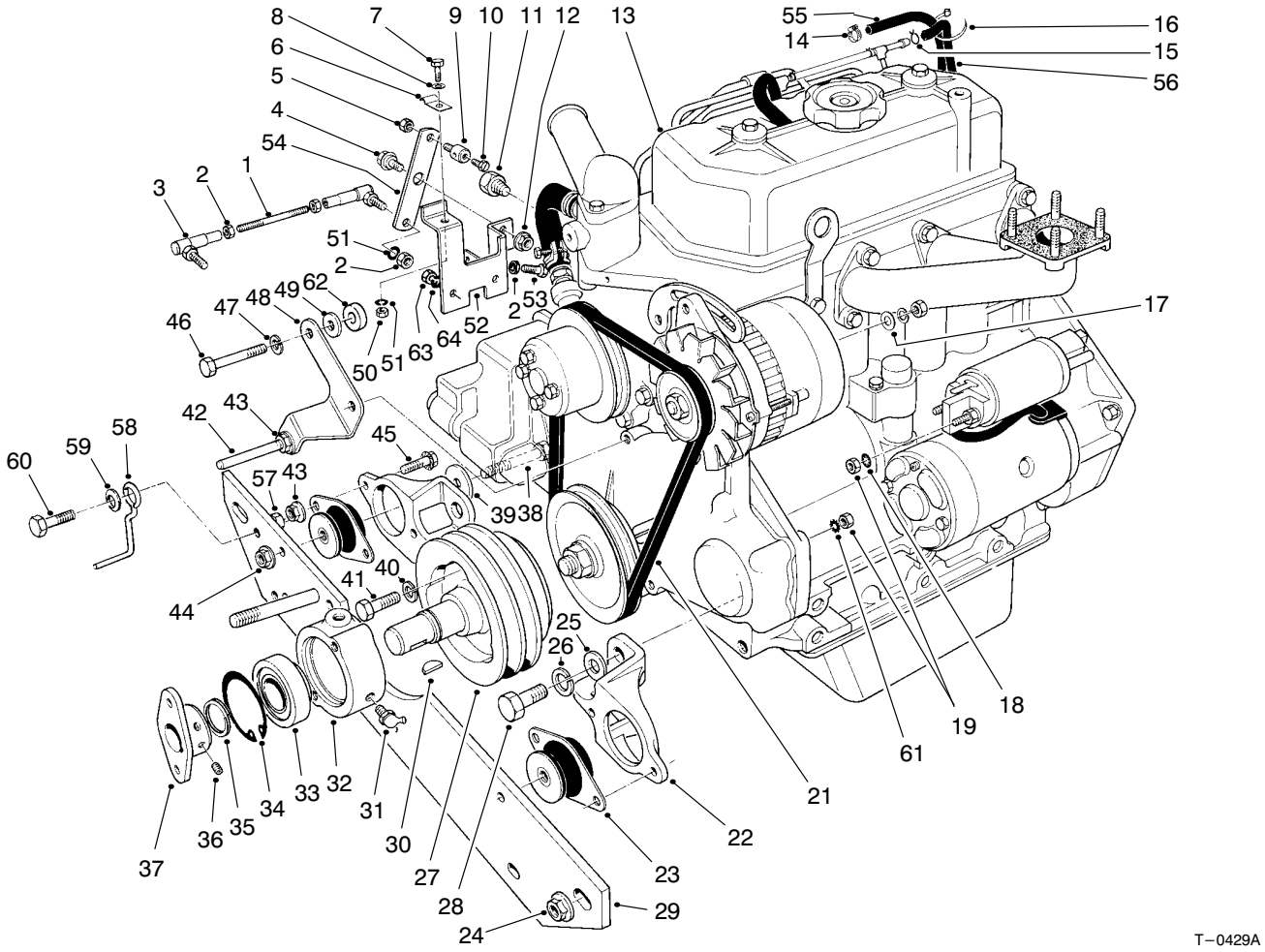
Ref. No.	Part No.	Description	No. Used
9	22−8500	O−Ring	2
10	22−8380	Spring Retainer	1
11	22−8410	Spring	1
12	22−8390	Spring Retainer	1
13	22−8400	Spacer Float	1
14	22−8480	Spring Ring Spool	1
15	22−8490	Snap Ring	1



ENGINE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	43−3770	Link − Throttle	1
2	3219−1	Nut	5
3	18−1720	Ball Joint Assembly	2
4	37−8770	Bolt − Shoulder	1
5	3296−20	Nut − Lock	1
6	2412−31	Clamp − Bodine	1
7	321−4	Screw − Cap Hex. Hd.	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 − Lock Flange	1
13	43−1440	Engine (Used on Serial No. 50001−60151)	1
13	94−9160	Engine (Used on Serial No. 60152 & Up)	1
14	2412−108	Clamp − Worm Drive	1
15	2412−79	Clamp	1
16	3290−379	Cable Tie	1
17	5−3637	Washer	1
18	3254−2	Washer − Lock Int. Tooth	2
19	33014−00	Nut − Hex.	2
21	42−9100	Belt − Fan	1
22	53−9710	Engine Mount	2

Ref. No.	Part No.	Description	No. Used
23	53−9680	Engine Mount − Rubber	2
24	32128−23	Nut − Lock Flange	2
25	3256−64	Washer − Flat	4
26	43−5950	Washer − Lock	4
27	43−3510	Pulley − Engine	1
28	82−5050	Screw − Cap Hex. Hd.	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 − Cap Hex. Hd.	2
39	53−9480	Washer	2
40	48−9590	Washer − Lock	3
41	43−3190	Screw − Cap Hex. Hd.	3
42	21−1820	Stud − Belt Retainer	2
43	3290−357	Nut − Lock Flange	7
44	32128−37	Nut − Lock Flange	2
45	3234−11	Screw − Cap Hex. Hd.	4
46	42−9510	Screw − Cap Hex. Hd.	2
47	3253−4	Washer − Lock	2
48	43−3790	Bracket − Belt Guide	1

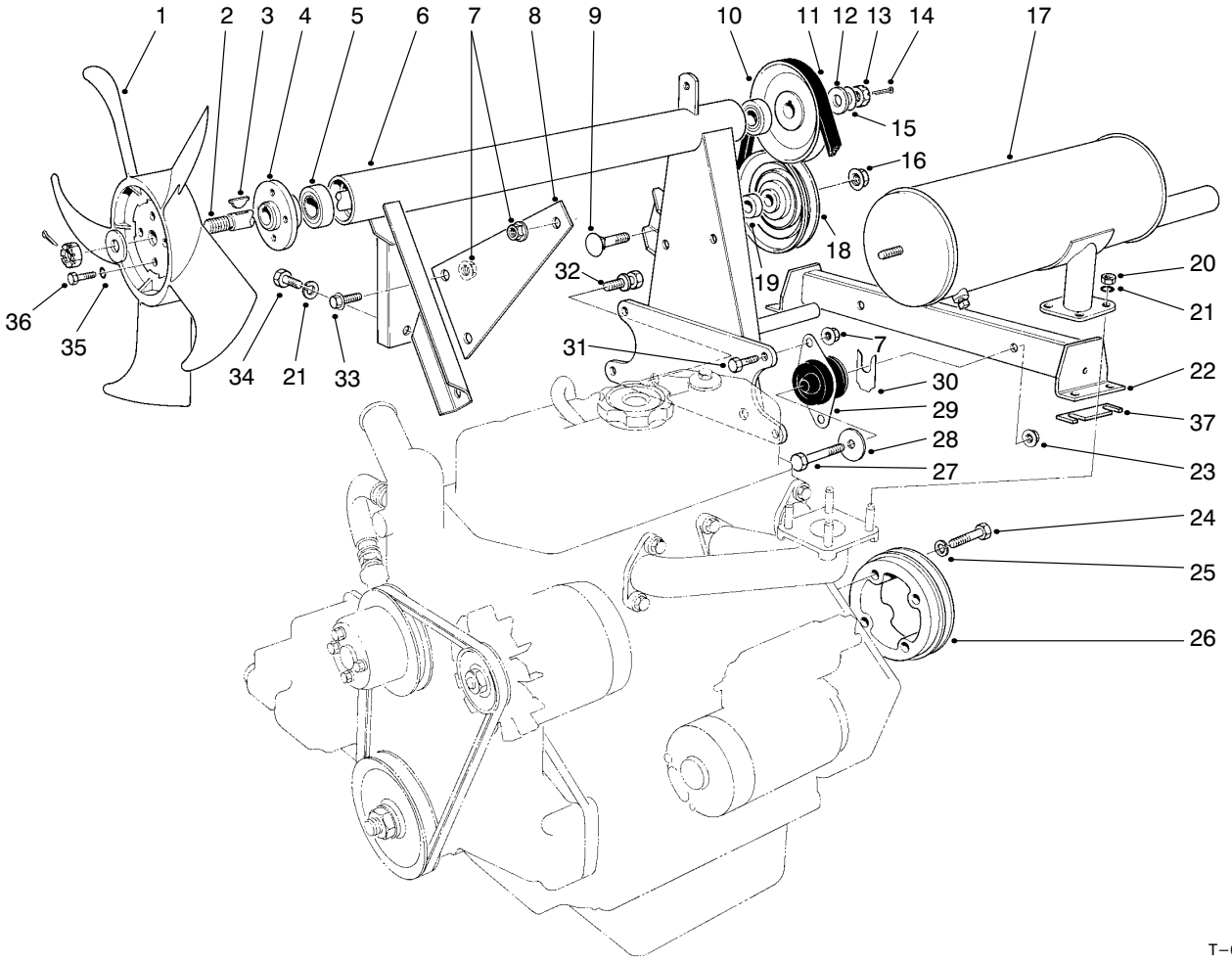


T−0429A

ENGINE ASSEMBLY (Continued)

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

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



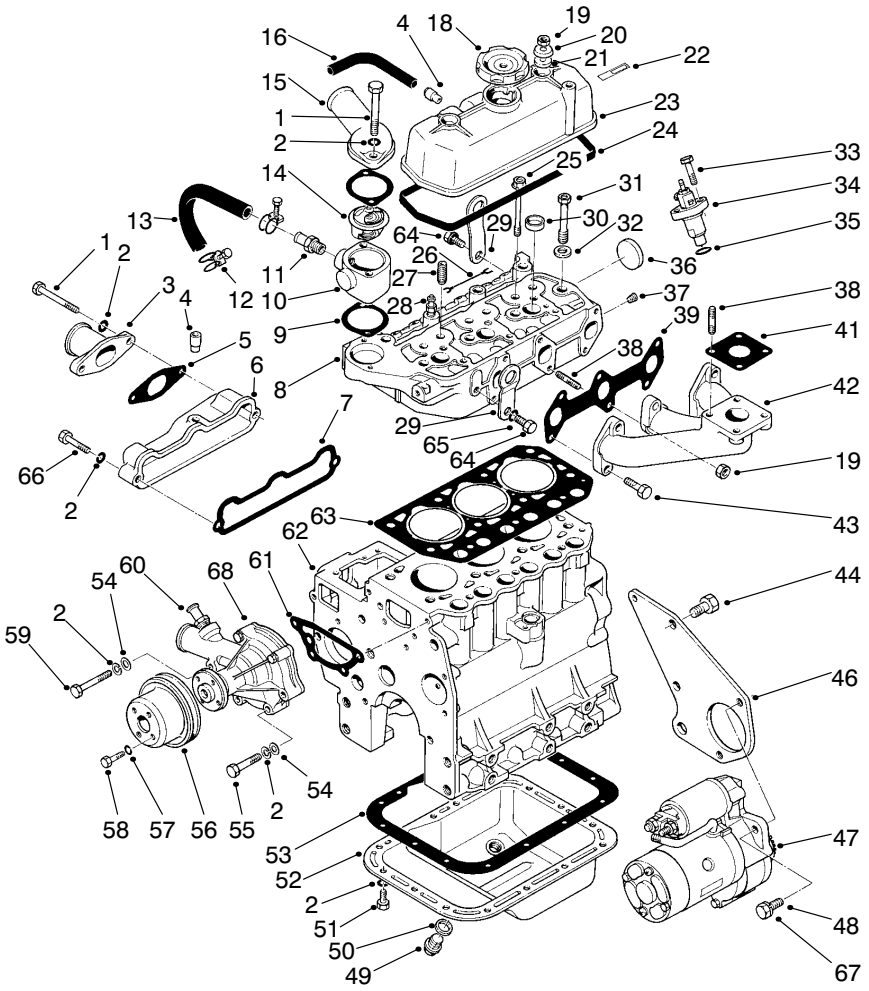
T−0430A

ENGINE ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
1	43−1911	Fan − Cooling	1
2	43−3690	Fan − Shaft	1
3	3257−30	Key − Woodruff	2
4	43−3700	Hub−Fan	1
5	38−7820	Bearing	2
6	53−9750	Fan Mount	1
7	3290−357	Nut − Lock Flange	8
8	43−3870	Support − Muffler	1
9	3233−14	Bolt − Carriage	1
10	43−3880	Pulley	1
11	43−5910	V−Belt	1
12	29−8910	Washer	2
13	32136−3	Nut − Hex. Slotted	2
14	3272−16	Pin − Cotter	2
15	3−6803	Washer	A/R
16	32128−23	Nut − Lock Flange	1
17	43−3850	Muffler	1
18	66−5310	Idler Pulley	1
19	66−5320	Spacer	1
20	33014−00	Nut − Hex.	4

Ref. No.	Part No.	Description	No. Used
21	3253−4	Washer − Lock	5
22	77−3140	Engine Mount	1
23	32128−37	Nut − Lock Flange	2
24	43−3200	Screw − Cap Hex. Hd.	4
25	48−9590	Washer − Lock	4
26	43−3530	Pulley Flywheel	1
27	324−11	Screw − Cap Hex. Hd.	2
28	53−9480	Washer	2
29	53−9680	Engine Mount − Rubber	2
30	42−6080	Shim	A/R
31	3234−11	Screw − Cap Hex. Hd.	4
32	66−7030	Screw − Cap w/Washer	2
33	3234−12	Screw − Lock Flange	2
34	42−9230	Screw − Cap Hex. Hd.	1
35	3253−3	Washer − Lock	4
36	321−3	Screw − Cap Hex. Hd.	4
37	68−9110	Shim	A/R
*	68−9111	Shim	A/R
*	68−9112	Shim	A/R

* Not Illustrated

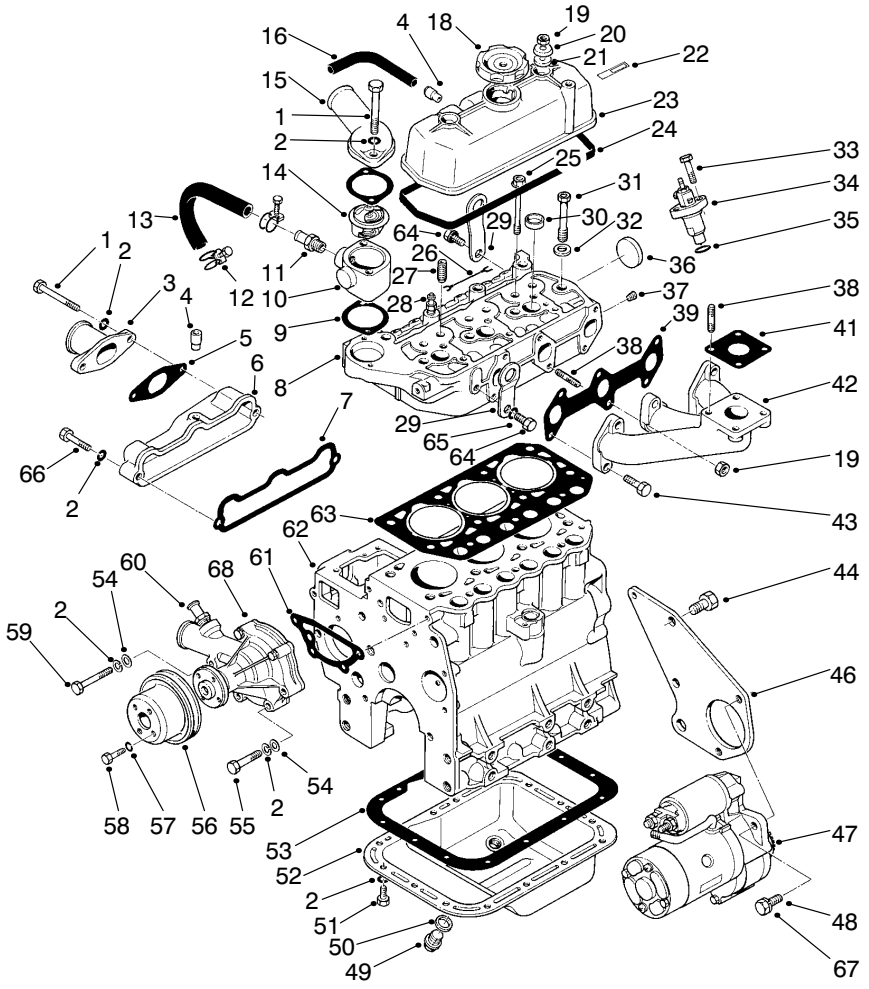


ENGINE ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
1	42−9310	Screw − Cap Hex. Hd.	4
2	42−9850	Washer − Lock	24
3	42−9150	Pipe Inlet	1
4	42−7510	Pipe	2
5	42−9160	Gasket − Inlet Pipe	1
6	42−9120	Intake Manifold Assembly	1
7	42−9140	Gasket − Intake Manifold	1
8	72−4290	Head Assembly − Cylinder	1
‡*	93−1369	Head Assembly − 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	93−3524	Thermostat	1
15	42−7540	Fitting − Water Outlet	1
16	93−3685	Pipe − Air Breather	1
18	42−7420	Cap − Oil Filter	1
19	33014−00	Nut − Hex.	3
20	42−9800	Washer	2
21	42−7490	Seal − Oil	2
22	42−7530	Label − Engine No.	1
23	42−7500	Cover Assembly − Rocker	1
24	42−7520	Gasket − Rocker Cover	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	Nozzle & Holder Assembly	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	Starter Assembly	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	33114−016	Screw − Cap	15
52	42−7280	Oil Pan Assembly (Incl. Ref. #49 & 50)	1

‡ For engines with Serial No. 86155 & up.

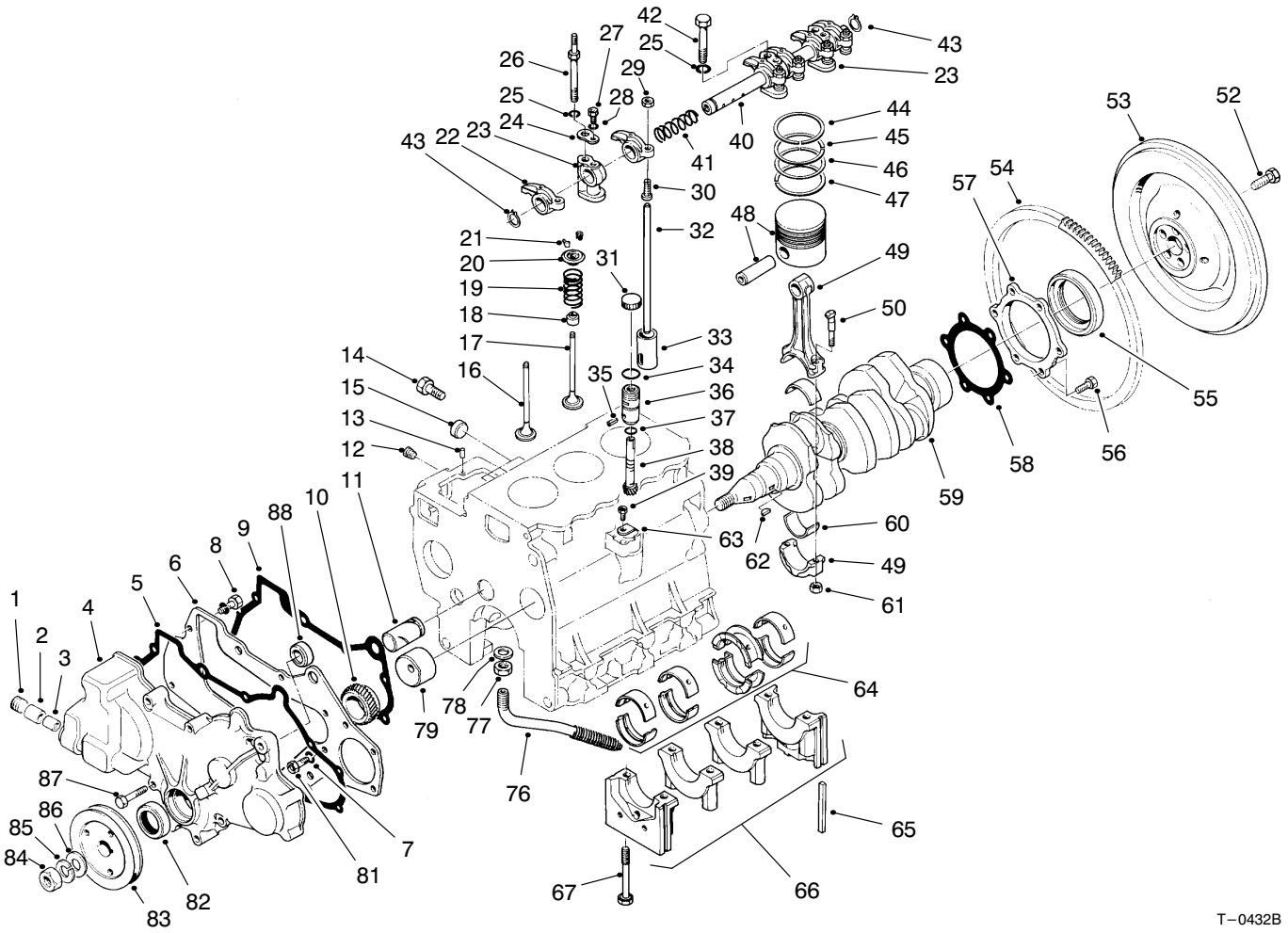


ENGINE ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
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	33114−060	Screw − Cap	1
60	42−9080	Water Pump Assembly	1
61	42−9090	Gasket − Water Pump	1

Ref. No.	Part No.	Description	No. Used
62	48−2020	Cylinder Block Sub Assy.	1
63	42−7470	Gasket − Cylinder Head	1
64	42−9300	Screw −Cap (10 x 20)	2
65	48−9590	Washer − Lock	2
66	42−9530	Screw − Cap (8 x 40)	1
67	48−9590	Washer − Lock	2
68	93−3656	Gasket − Pump, Water	1
*	42−9200	Complete Gasket Set	1

* Not Illustrated

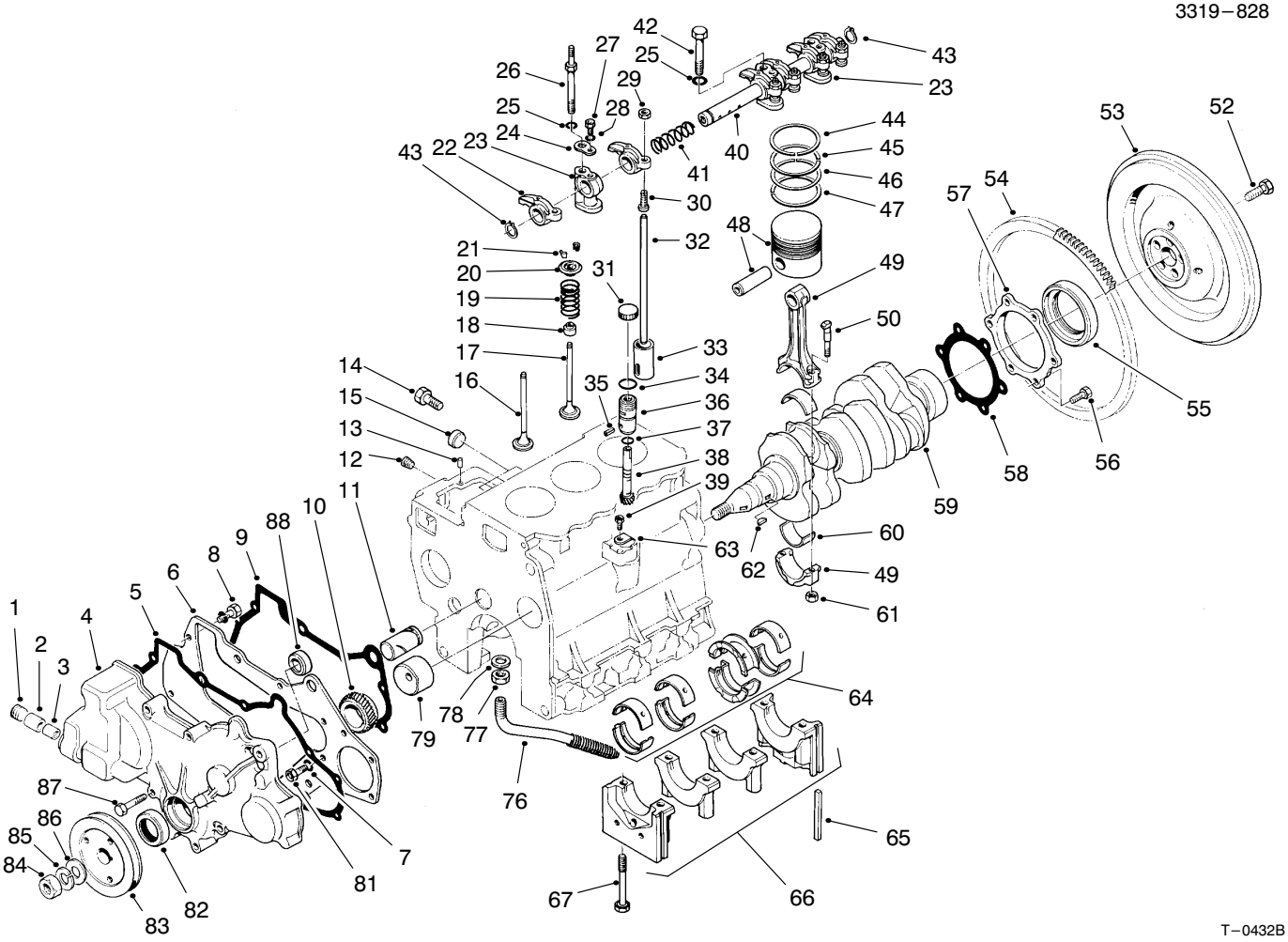


ENGINE ASSEMBLY (Continued)

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	67−2340	Screw − Cap 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 − Cap Hex. Hd.	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	48−9590	Washer − Spring	3

Ref. No.	Part No.	Description	No. Used
26	42−9360	Bolt	2
27	42−9350	Screw − Cap Hex. Hd.	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 − Cap Hex. Hd.	1
40	42−7960	Shaft Assembly − Rocker	1
41	42−7930	Spring − Rocker Shaft L.H.	1
42	42−9370	Screw − Cap Hex. Hd.	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 Serviced Separately

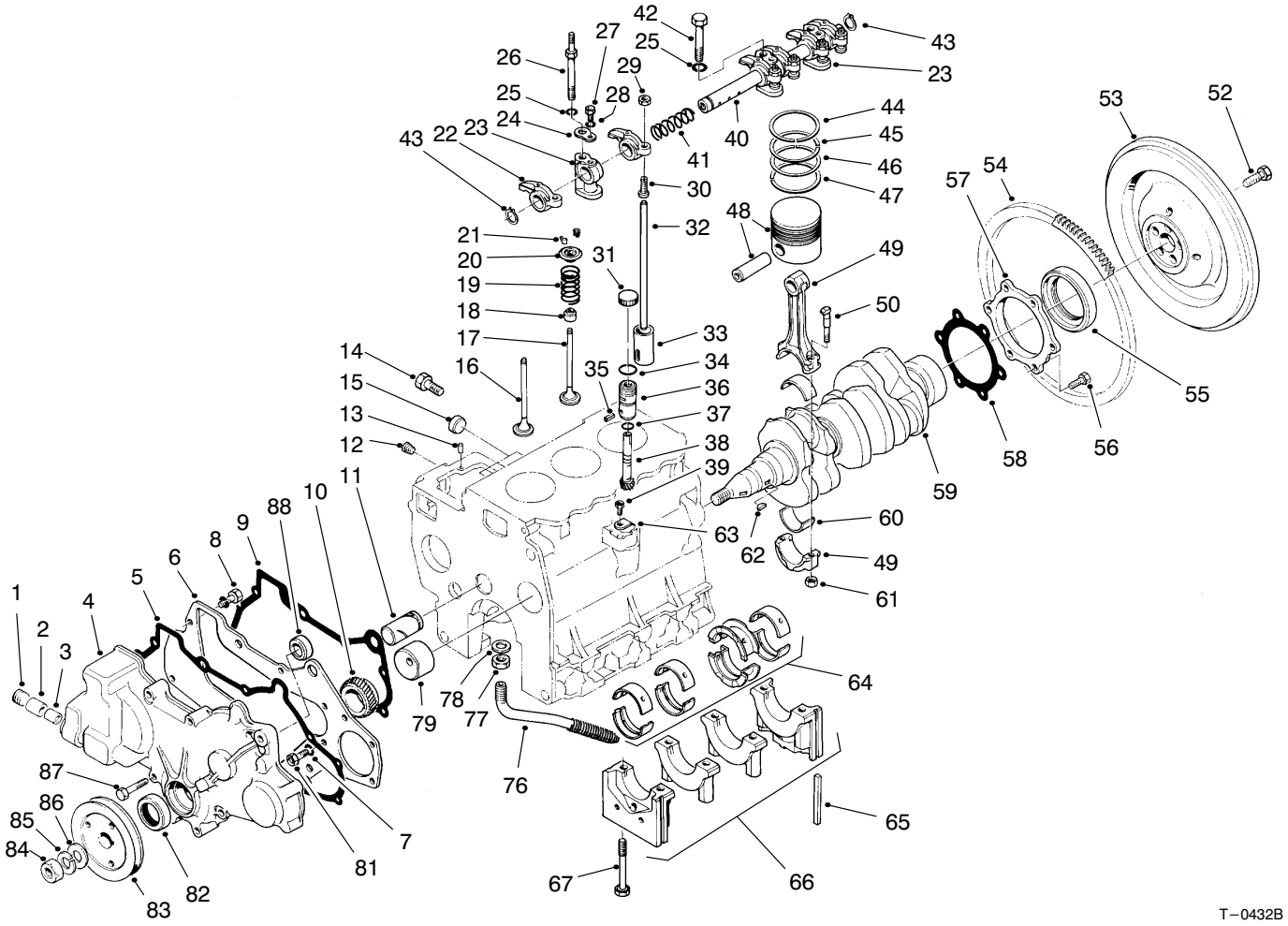


ENGINE ASSEMBLY (Continued)

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	Connecting Rod Assembly	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	93−3387	Bearing Set Crankshaft Std.	1
*	42−7240	Bearing Set − Crankshaft 0.25 (.010 in.) U.S.	1
*	93−3388	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		Bearing Cap Assembly	1
67	42−9210	Bolt − Bearing Cap	8
76	48−2010	Screen − Assembly Oil	1
77	48−1990	Nut − Jam	1
78	48−1980	Gasket	1
79	42−7100	Bushing − Camshaft	1
81	42−9230	Screw − Cap Hex. Hd.	3
82	42−7390	Seal − Oil	1
83	42−7720	Pulley − Crankshaft	1
84	43−6470	Nut	1
85	42−9860	Washer −Spring	1

* Not Illustrated
† Not Available

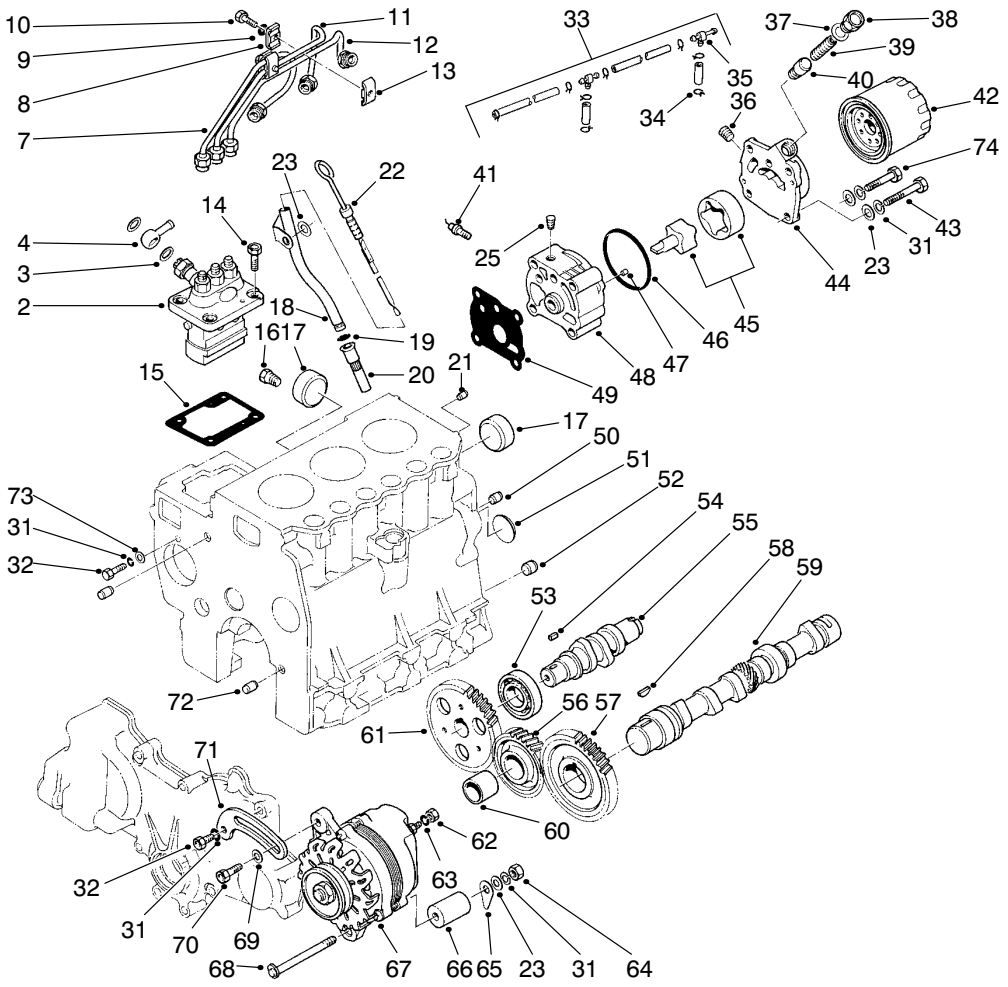


ENGINE ASSEMBLY (Continued)

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

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

* Not Illustrated
† Not Available



T−0433−3

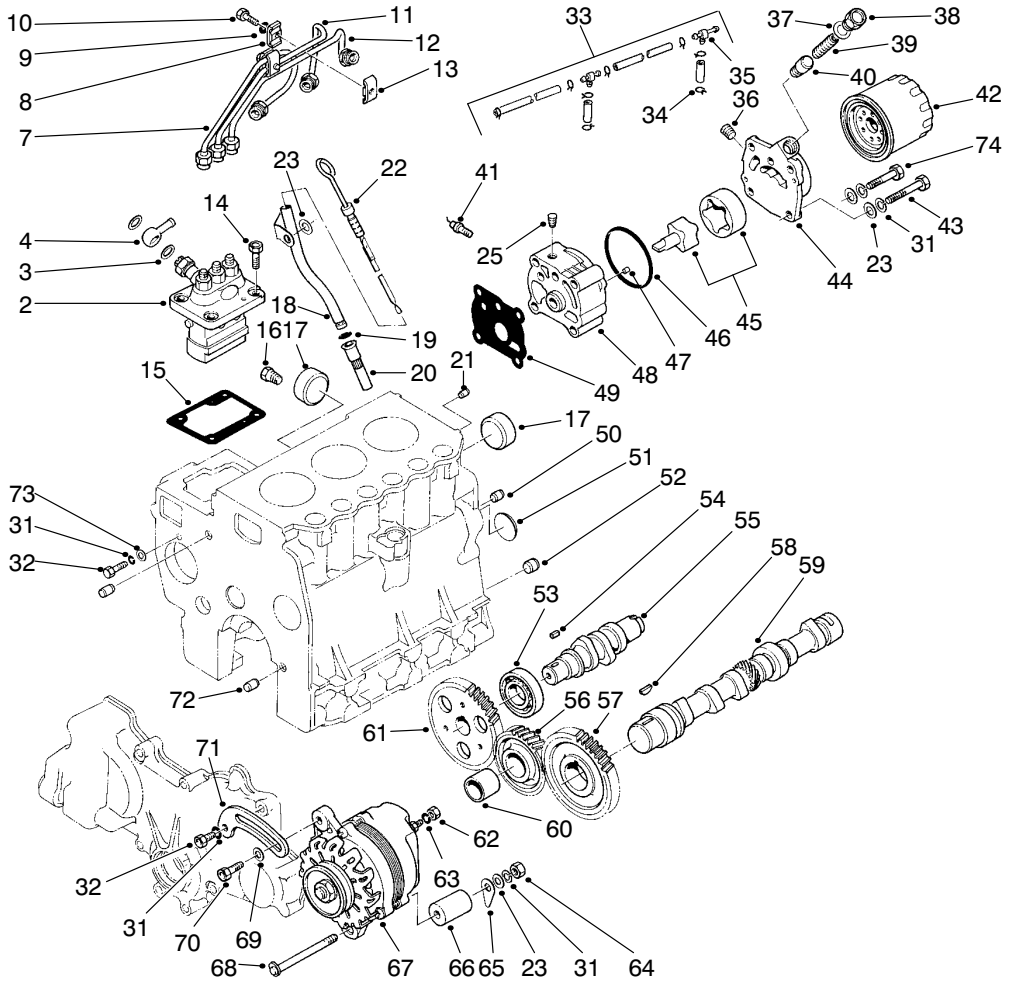
ENGINE ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
2	42−8000	Pump Assy. − Fuel Injection (Used on Serial No. 50001−60151)	1
†2		Pump Assy. − Fuel Injection (Used on Serial No. 60152 & Up)	1
3	42−9830	Washer − Seal	2
4	42−8100	Collar − Union	1
7	42−8130	Pipe Assy. − Fuel Injection (No. 1)	1
8	56−0750	Clamp	2
9	43−5930	Washer − Lock	1
10	46−2600	Capscrew	2
11	42−8140	Pipe Assy. − Fuel Injection (No. 2)	1
12	42−8150	Pipe Assy. − Fuel Injection (No.3)	1
13	56−0760	Clamp	2
14	63−3160	Screw − Cap Hex. Hd. (Used on Serial No. 50001−60151)	4
†14	63−3160	Screw − Cap Hex. Hd. (Used on Serial No. 60152 & 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

Ref. No.	Part No.	Description	No. Used
15	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	Gauge Assembly − 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 − Cap Hex. Hd.	2
33	42−8180	Fuel Return Pipe Assembly	1
34	2412−79	Clamp − Hose	8
35	42−8190	Joint	2
36	67−2390	Plug − Taper	1
37	42−7290	Gasket	1
38	67−2520	Plug	1
39	42−8930	Spring − Relief	1
40	67−2500	Plunger − Relief	1
41	56−1310	Oil Pressure Switch Assy.	1

* Not Illustrated

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



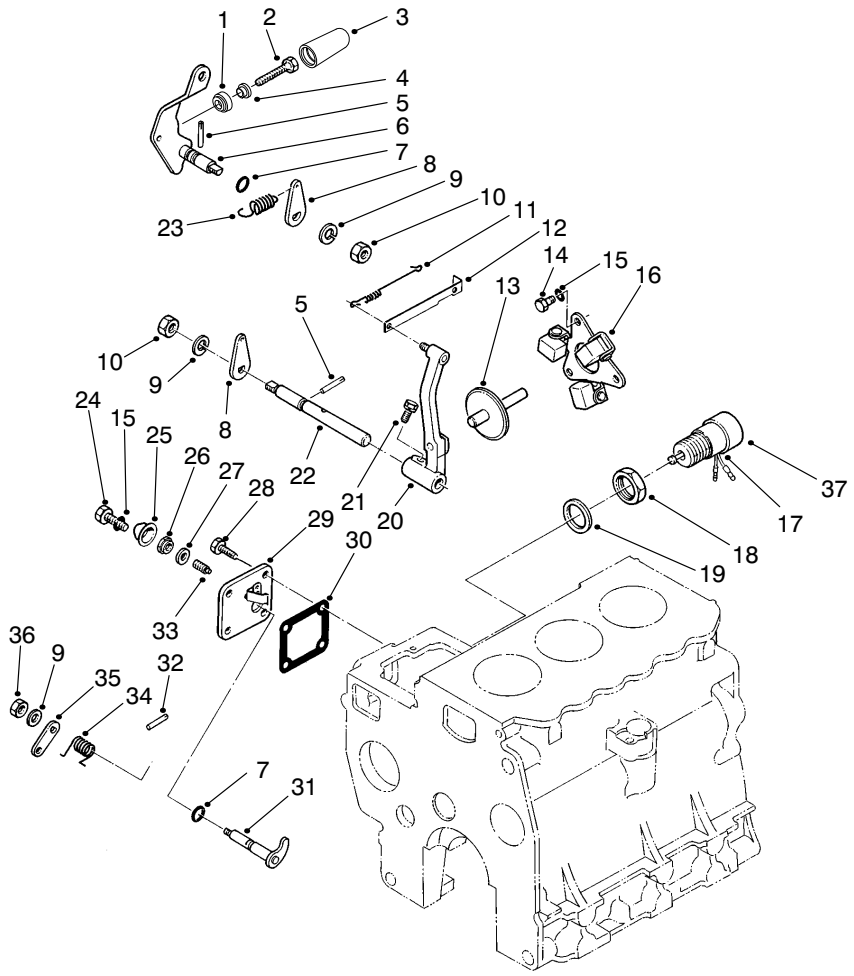
T−0433−3

ENGINE ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
42	67−4330	Filter Assembly − Oil	1
43	42−9480	Screw − Cap Hex. Hd.	3
44	42−8920	Cover − Oil Pump	1
45	42−8910	Rotor Assembly − Oil Pump	1
46	42−8940	O−Ring	1
47	93−3657	Pin − Dowel	2
48	42−8900	Body − Oil Pump	1
49	42−8950	Gasket − Oil Pump Body	1
50	42−7180	Bushing − Knock	2
51	42−7170	Plug − Expansion	1
52	42−7200	Bushing − Knock	1
53	93−3409	Bearing − Ball	1
54	42−7840	Key − Sunk	1
55	42−7810	Shaft − Injection Pump Cam	1
56	42−7790	Idler Gear Assembly (Incl. Ref. #60)	1
57	42−7780	Gear − Camshaft	1
58	42−7730	Key − Woodruff	1
59	72−4280	Camshaft	1
60		Bushing − Idler Gear	1

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

* Not Illustrated



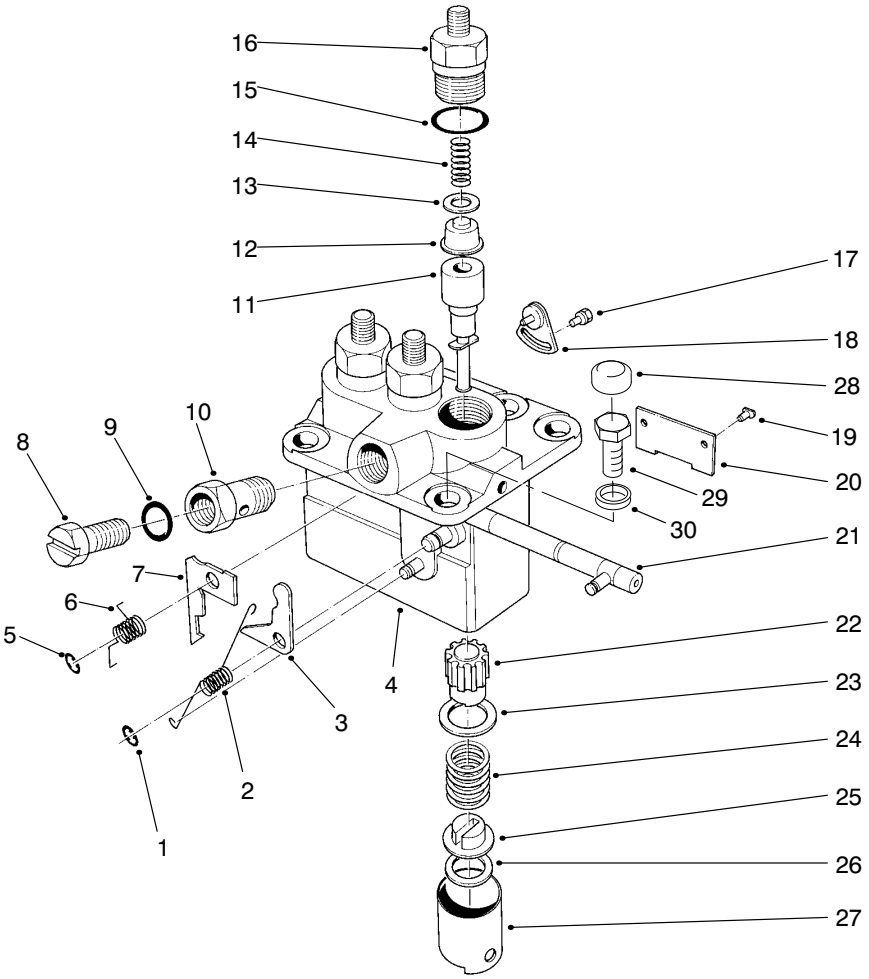
T−2434

ENGINE ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
†1		C−Ring, High Speed Set	1
†2		Bolt − High Speed Set	1
†3		Cover − High Speed Set	1
†4		Nut − High Speed Set	1
5	42−8810	Pin − Grooved	2
6	42−8780	Speed Control Lever Assy.	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	Sliding Shaft Assembly	1
14	42−9430	Screw − Cap Hex. Hd.	3
15	43−5930	Washer − Lock	4
16	67−4040	Weight Assy. − 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	Governor Lever Assembly	1
21	42−9450	Bolt/Washer − Assembled	1
22	42−8760	Governor Shaft	1
23	42−8820	Governor Spring	1
24	43−2800	Screw − Cap Hex. Hd.	1
25	43−2820	Sealing Cap	1
26	43−5960	Nut − Special	1
27	43−3120	Washer − Seal	1
28	67−2560	Screw − Cap Hex. Hd.	3
29	42−8790	Cover Assembly (Incl. Ref. #25, 27 & 33)	1
30	42−8800	Gasket Cover	1
31	44−8090	Lever Assembly Stop	1
32	42−8810	Pin − Grooved	1
33	43−3160	Screw − Adjusting	1
34	44−8100	Spring Return	1
35	43−2770	Lever − Stop	1
36	42−9640	Nut − Jam	1
37	62−6940	Cap	1

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



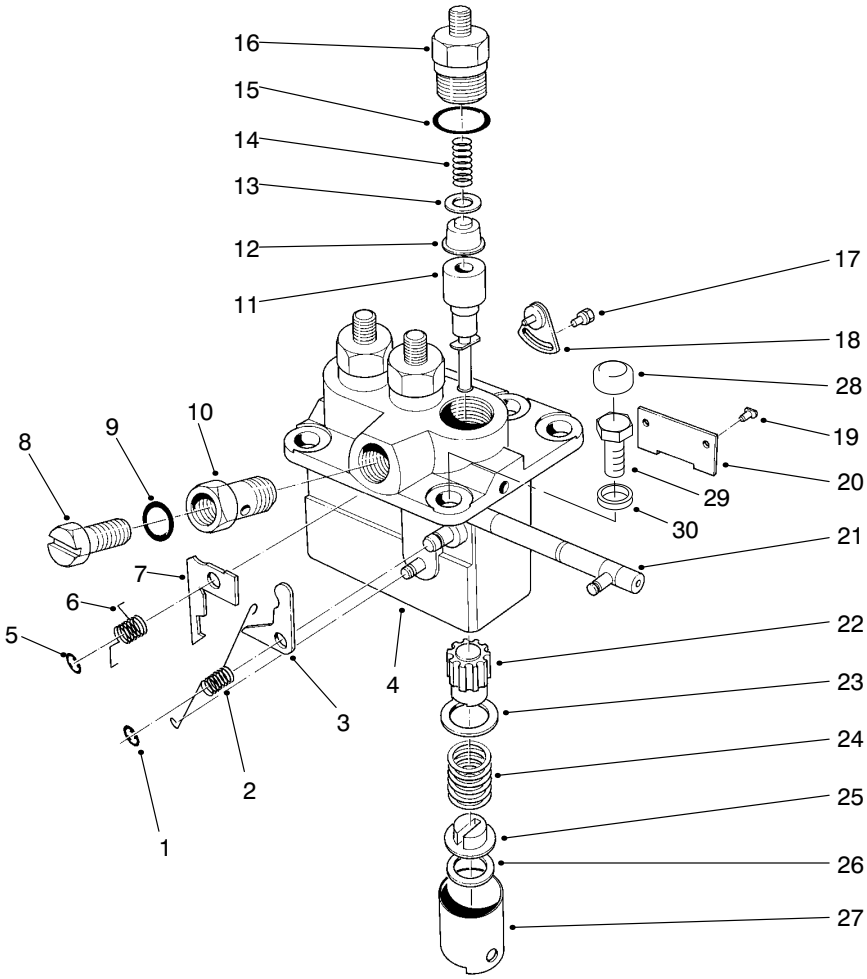
T−2435

FUEL INJECTION PUMP ASSEMBLY

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

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

* Not Illustrated



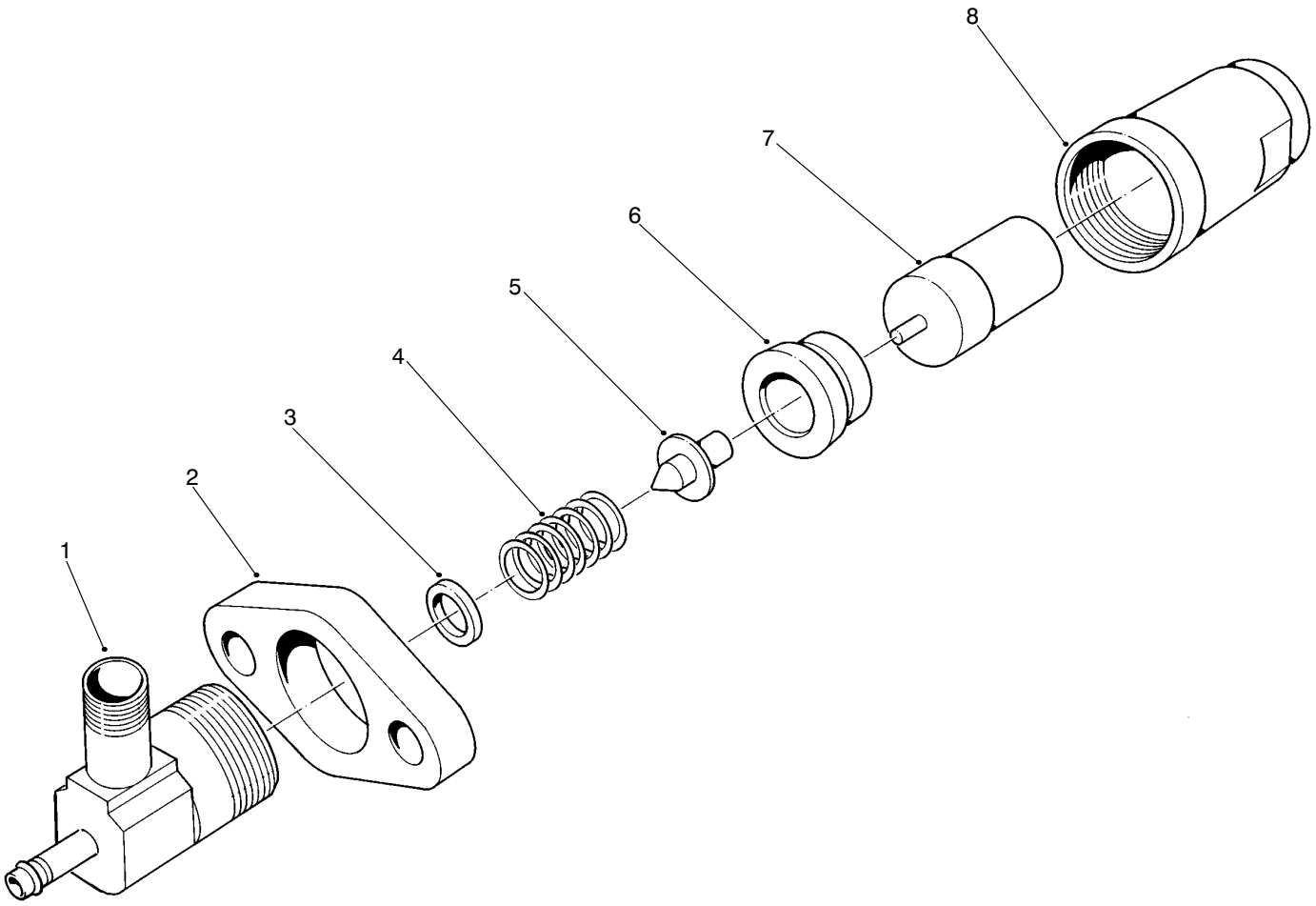
T−2435

FUEL INJECTION PUMP ASSEMBLY (Cont.)

Ref. No.	Part No.	Description	No. Used
9	42−9770	Washer	1
10	42−8380	Screw − Hollow	1
11	42−8260	Element Sub Assembly	3
12	42−8250	Delivery Valve Sub Assy.	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	Bolt/Washer − Assembled	2
18	42−8360	Plate Assembly − Adjusting	2
19	42−8340	Pin − Tappet Guide	3
20	42−8350	Plate	1
21	42−8310	Rack Assembly − Control	1
22	42−8270	Sleeve − Plunger Control	3
23	42−8280	Seat − Spring, Upper	3
24	42−8290	Spring − Pump Plunger	3
25	42−8320	Seat − Spring, Lower	3
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 Assembly	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.



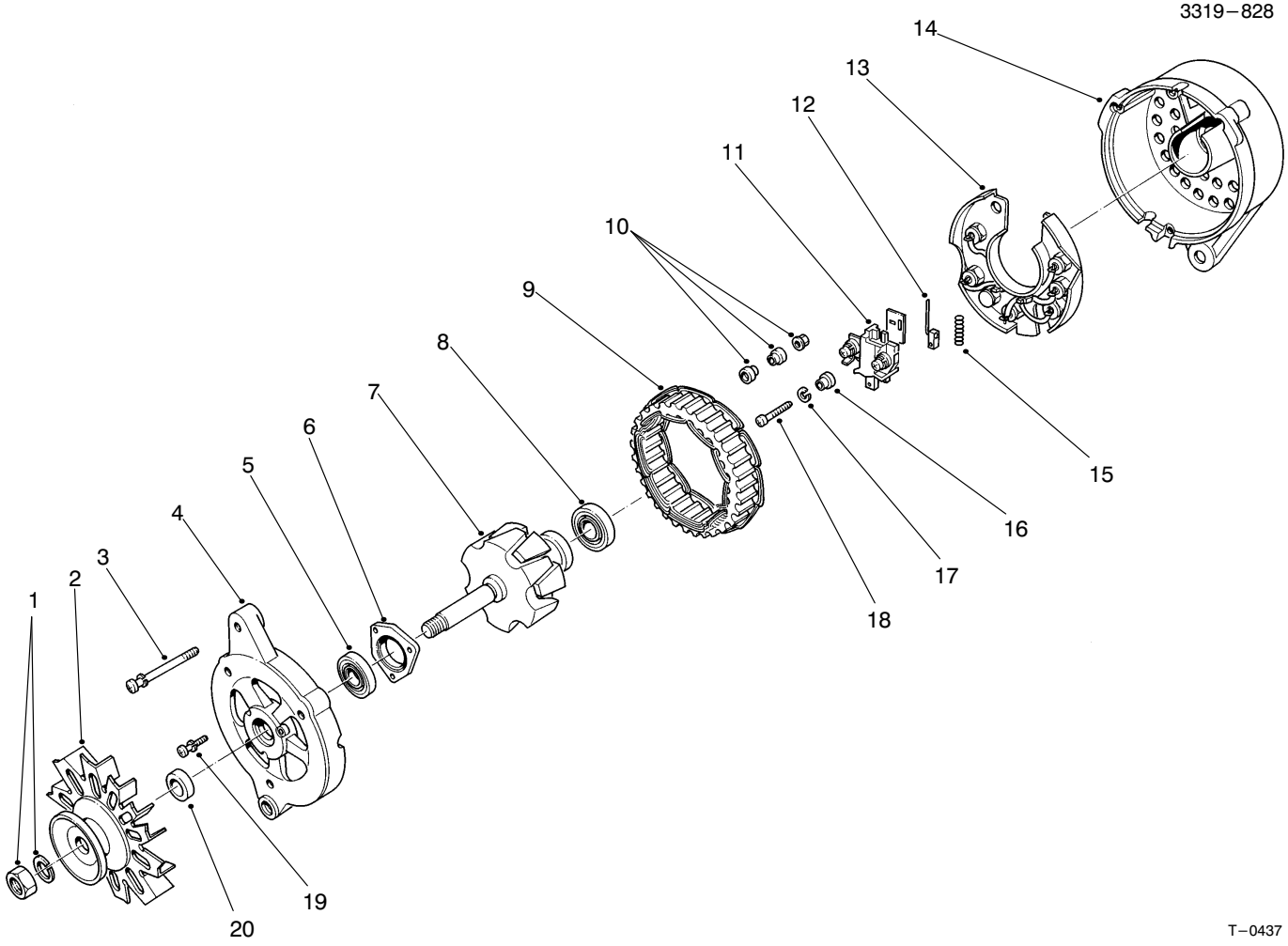
T−0436A

NOZZLE & HOLDER ASSEMBLY NO. 44−8070

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

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

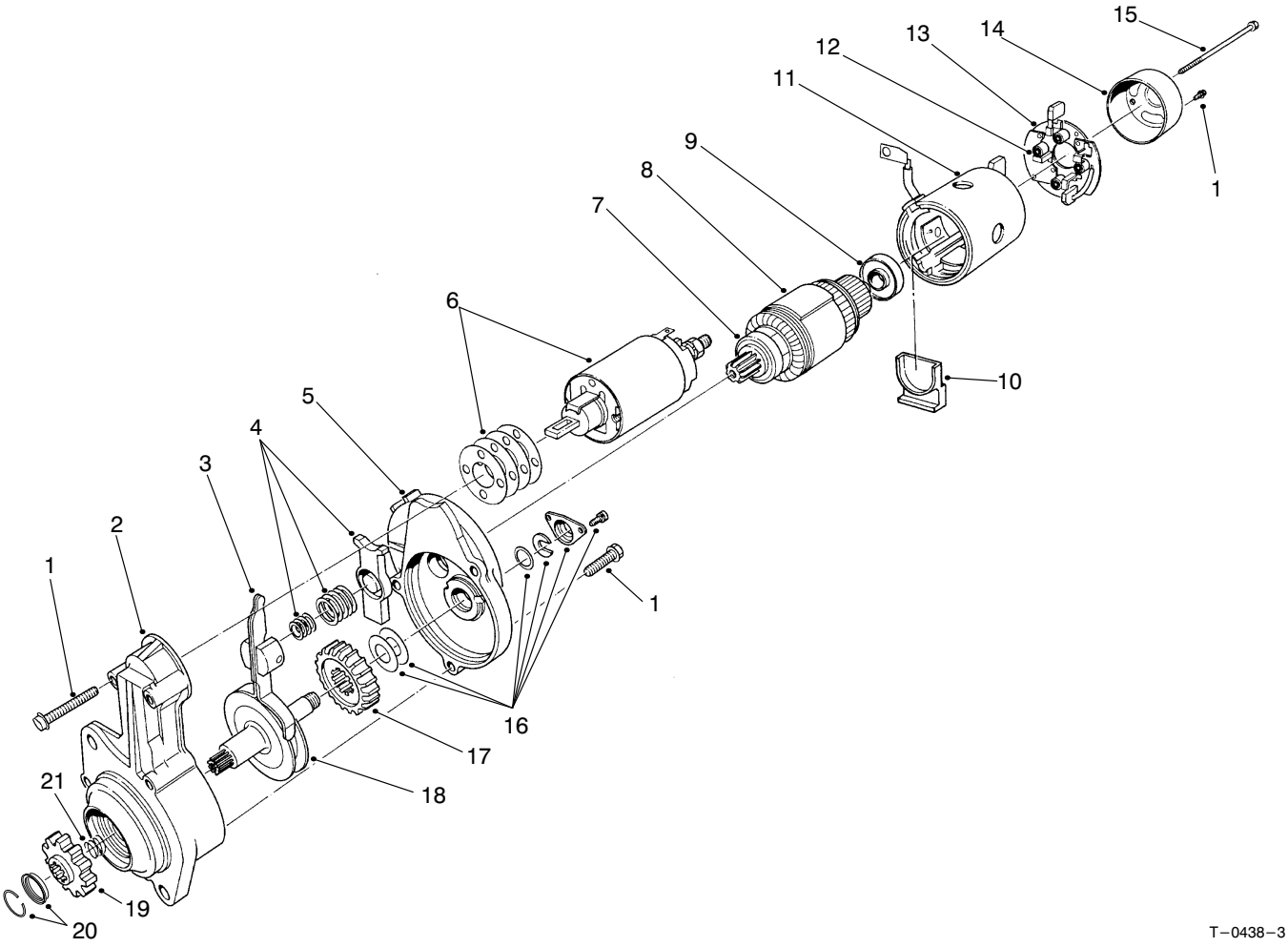
* Not Illustrated



ALTERNATOR ASSEMBLY NO. 43−0390

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

Ref. No.	Part No.	Description	No. Used
11	43−0490	Holder Assembly Brush (Incl. Ref. #12 & 15)	1
12	43−0500	Brush	2
13	43−0520	Rectifier Assembly	1
14	43−0480	Rear Bracket Assembly (Incl. Ref. #10−13 & 15−18)	1
15	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



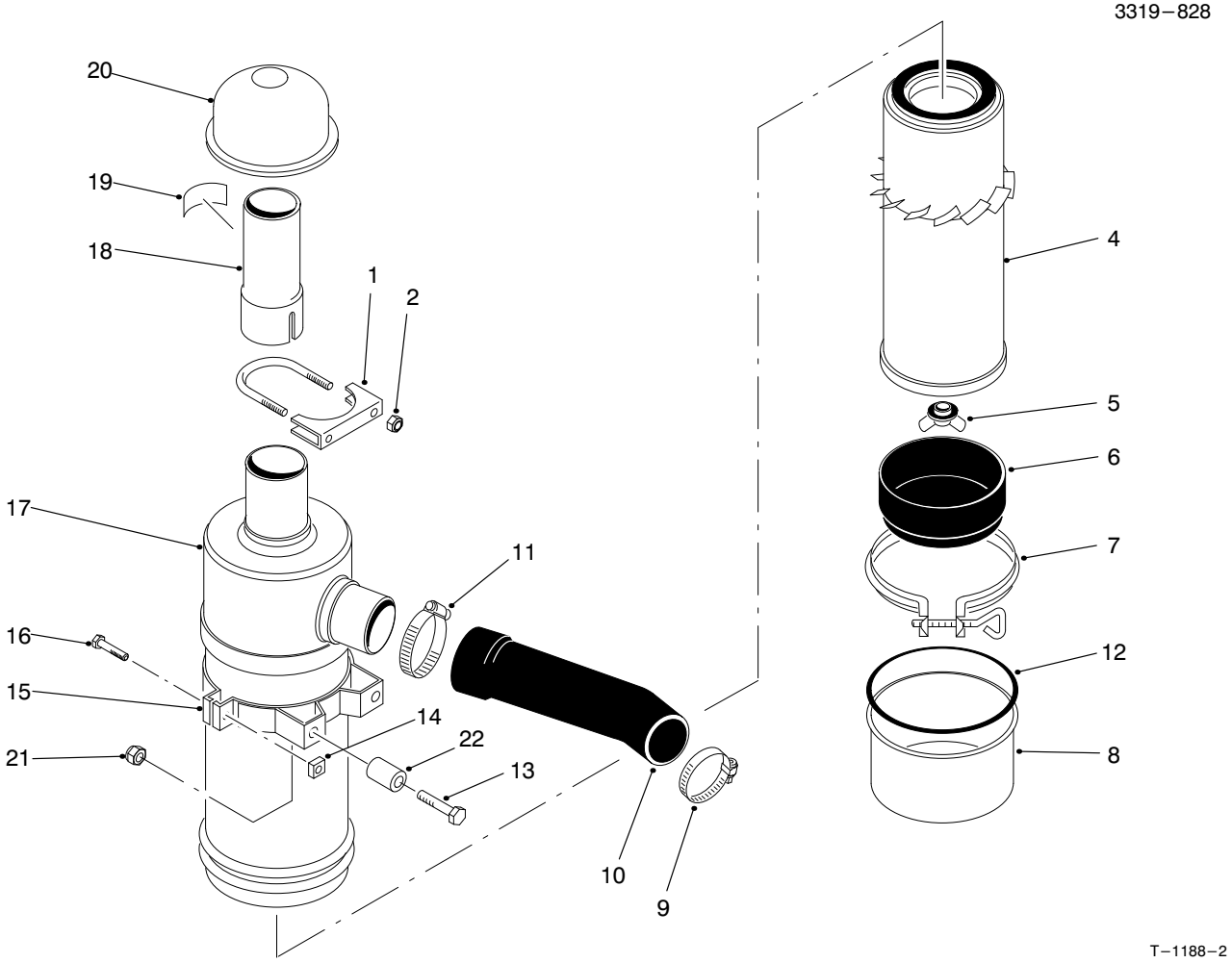
T−0438−3

STARTER ASSEMBLY NO. 46−7610

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

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

* Not Illustrated

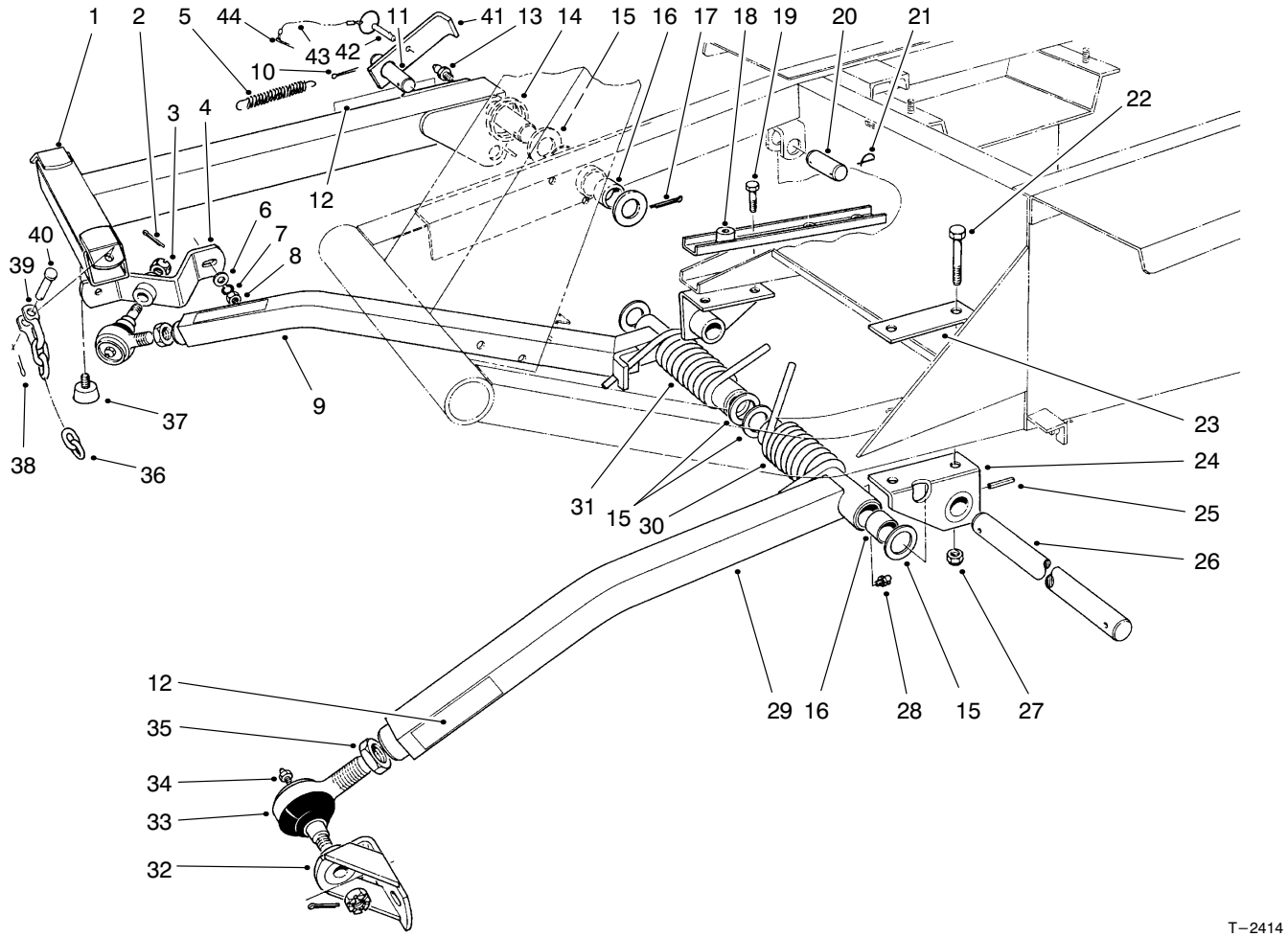


T−1188−2

AIR CLEANER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	20−4840	Muffler Clamp (Incl. Ref. #2)	1
2	3217−6	Nut	2
4	27−7110	Element Assembly	1
5	27−7120	Nut & Gasket Assembly	1
6	27−7140	Skirt − Baffle	1
7	27−7130	Clamp Assembly	1
8	27−7150	Cup Assembly	1
9	2412−3	Hose − Clamp	1
10	95−1836	Hose − Air Cleaner	1
11	2412−42	Hose Clamp	1
12	80−3330	Gasket	1
13	322−10	Screw − Cap Hex. Hd.	4

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



T−2414

PUSH ARM ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	66−6370	Lift Arm	1
2	3272−11	Pin − Cotter	2
3	32136−2	Nut	2
4	21−3020	Ball Joint Mount R.H.	1
5	21−1830	Spring Tension	1
6	3256−25	Washer − Flat	1
7	3253−6	Washer − Lock	2
8	3217−8	Nut − Full	2
9	66−7150	Push Arm R.H. (Incl. Ref. #16 & 28)	1
10	3272−24	Cotter Pin	1
11	24−9510	Pin	1
12	93−6696	Warning Decal	3
13	302−5	Fitting − Grease	1
14	46−8840	Spring − Lift Arm	1
15	5−1754	Washer	6
16	256−126	Bushing	6
17	3272−33	Pin − Cotter	1
18	93−7040	Support − Reinforcement	1
19	324−4	Screw − Cap Hex. Hd.	2
20	3−7292	Pin	1
21	5−3126	Pin − Spring	3
22	324−11	Screw − Cap Hex. Hd.	2

Ref. No.	Part No.	Description	No. Used
23	21−3750	Support Plate	1
24	21−2860	Push Arm Bracket	2
25	32121−84	Pin − Roll	2
26	21−2990	Shaft − Pivot	1
27	32128−42	Nut	4
28	302−33	Fitting − Grease	2
29	21−2960	Push Arm L.H. (Incl. Ref. #16 & 28)	1
30	21−2900	Spring − Torsion L.H.	1
31	21−2890	Spring − Torsion R.H.	1
32	21−3050	Ball Joint Mount L.H.	1
33	86−8100	Ball Joint Assembly	2
34	302−5	Fitting − Grease	2
35	21−3000	Nut − Jam	2
36	3−1365	Chain − Lift	3
37	68−3270	Bumper	1
38	3272−10	Pin − Cotter	3
39	5−2942	Shackle	3
40	283−10	Pin	3
41	93−7650	Lever − Locking	1
42	93−7644	Pin − Hitch	1
43	28−8070	Lanyard	1
44	3272−7	Pin − Cotter	1

TORO PART NUMBER INDEX

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

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

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

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

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

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

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

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

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

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

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

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

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

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

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

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

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

*Not Illustrated

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

*Not Illustrated

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Part No.	Description	Pg. No.	Ref. No.	Qty.
3290−379	Tie − Cable	14	16	3
3290−379	Tie − Cable	6	31	4
3290−379	Tie − Cable	27	34	1
3290−424	Screw − Hex. Hd. Mach.	4	28	1
3296−2	Nut − Lock	1	18	6
3296−2	Nut − Lock	2	56	3
3296−6	Nut − Lock	10	34	1
3296−12	Nut − Lock	4	26	3
3296−16	Nut − Lock	11	74	1
3296−20	Nut − Lock	37	5	1
3296−20	Nut − Lock	27	28	2
3296−20	Nut − Lock	14	30	4
3296−28	Nut − Lock	10	27	1
3296−29	Nut − Hex. Lock	2	66	2
3296−29	Nut − Lock	29	7	1
3296−29	Nut − Lock	53	21	4
3296−29	Nut − Lock	14	36	2
3296−39	Nut − Lock	21	19	2
3296−39	Nut − Lock	2	69	1
3296−42	Nut − Lock	33	10	5
3296−42	Nut − Lock	29	12	6
3296−43	Nut − Lock	21	3	1
32103−2	Nut − Wing	1	17	3
32103−2	Nut − Wing	6	51	2
32104−6	Screw − Hex. Hd. Tapping	11	56	4
32104−96	Screw − Cap Hex. Hd.	17	6	1
32104−109	Screw − HH	7	66	4
32104−116	Screw − Self Tapping	6	20	4
32107−11	Nut	53	14	2
32111−8	Nut − Acorn	6	8	2
32120−8	Ring − Retaining	31	1	1
32120−11	Ring − Retaining	31	47	1
32120−15	Ring − Retaining	31	45	1
32120−22	Ring − Retaining	10	42	2
32120−22	Ring − Retaining Internal	37	34	1
32120−69	Ring − Retaining External	37	35	1
32120−72	Ring − Retaining	30	53	1
32121−6	Pin − Roll	12	24	1
32121−6	Pin − Roll	30	62	1
32121−9	Pin − Roll	10	49	1
32121−15	Pin − Roll	19	32	1
32121−24	Pin − Roll	29	2	1
32121−34	Pin − Roll	26	1	1
32121−73	Pin − Slotted Spring	33	9	1
32121−84	Pin − Roll	54	25	2
32121−91	Pin − Coil ,Spring	31	49	3
32128−19	Nut − Lock Flange	1	7	6
32128−20	Nut − Flange	17	37	3
32128−20	Nut − Flange	14	41	1
32128−20	Nut − Lock Flange	2	39	1
32128−20	Screw − Flange Hex. Hd.	6	29	11
32128−21	Nut − Flange	27	25	4
32128−21	Nut − Flange	6	36	4
32128−21	Nut − Lock HFH	3	9	4
32128−23	Nut − Lock Flange	27	10	4
32128−23	Nut − Lock Flange	39	16	1
32128−23	Nut − Lock Flange	37	24	2
32128−25	Nut − Flange Lock	13	53	2
32128−32	Nut − Flange	6	9	8
32128−33	Nut − Lock Flange	2	41	6
32128−37	Nut − Lock Flange	39	23	2
32128−37	Nut − Lock Flange	37	44	2
32128−42	Nut	54	27	4
32128−43	Nut − Hex. Flange	13	55	2
32136−2	Nut	54	3	2
32136−3	Nut − Hex. Slotted	39	13	2
32136−13	Nut − Slotted	21	10	3
32144−10	Screw − Hex. Hd. Self Tap	9	33	2
32144−10	Screw − Hex. Self Tapping	33	4	2
32144−10	Screw − Hex. Thd. Form	14	6	6
32144−10	Screw − Self−Tapping	2	47	11
32144−10	Screw − Thread Forming	27	17	4
32144−14	Screw − Self Tapping	27	6	1
32144−21	Screw	14	45	1
32144−53	Screw − Thread Forming	17	11	5
32144−67	Screw − Cap Thd. Forming	17	36	4
32146−20	Nut	27	14	1
32148−9	Insert − Threaded	3	12	1
32148−9	Nut − Clinch	2	64	1
32149−2	Nut	8	9	2
32149−2	Nut	8	22	2
32149−2	Nut	12	37	1
32149−2	Nut − Lock	4	33	3
32151−46	Ring − Retaining	31	27	2
32151−104	Ring − Retaining	27	39	1
32152−1	Nut − Lock	29	28	8
32152−1	Nut − Lock Flange	37	12	1
32153−2	Nut − Hex.	14	11	2
32153−2	Nut − Lock	26	7	2
32153−2	Nut − Lock	12	30	2
32153−2	Nut − Lock	38	57	1
33014−00	Nut − Hex.	37	19	2
33014−00	Nut − Hex.	40	19	3
33014−00	Nut − Hex.	39	20	4
33014−00	Nut − Hex.	46	64	1
33094−00	Washer − Flat	21	30	1
33104−040	Screw−HFH	21	32	1
33113−020	Screw − Cap Hex. Hd.	38	63	2
33114−016	Screw − Cap	40	51	15
33114−060	Screw − Cap	41	59	1
340−54	Fitting	27	29	1
340−70	Nut − Lock Bulkhead	6	34	2
340−71	Union − Bulkhead	6	33	2
340−77	Elbow − Fitting	29	21	1
340−92	Adapter − Straight	29	19	3
340−97	Elbow − Fitting	27	19	1
340−97	Fitting − 90˚	33	25	1
340−99	Elbow − Fitting	29	22	1
340−99	Fitting − 90˚ Elbow	33	12	1
340−110	Elbow − 90˚	33	24	1
340−112	Elbow − 90˚	33	18	1
340−143	Elbow − Swivel	29	15	1
353−508	Plug − Drain	29	49	1
353−512	Plug	33	1	1
353−550	Plug − Hex. Hd.	31	19	2
353−551	Plug − Hex. Hd.	31	32	1
353−702	Hose Barb	8	18	1
353−975	Hose Barb	8	6	1
353−987	Elbow − Fitting	29	45	1

*Not Illustrated

PRODUCT CHANGES

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

IDENTIFICATION AND ORDERING

MODEL AND SERIAL NUMBERS

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

To order replacement parts from an Authorized TORO Service Dealer – supply the following information:
1. Model and serial number of the Groundsmaster 325D 4 Wheel Drive.
2. Part number – description – and the quantity of part(s) desired.

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

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MAINTENANCE RECORD

Date								

MAINTENANCE RECORD

Date								