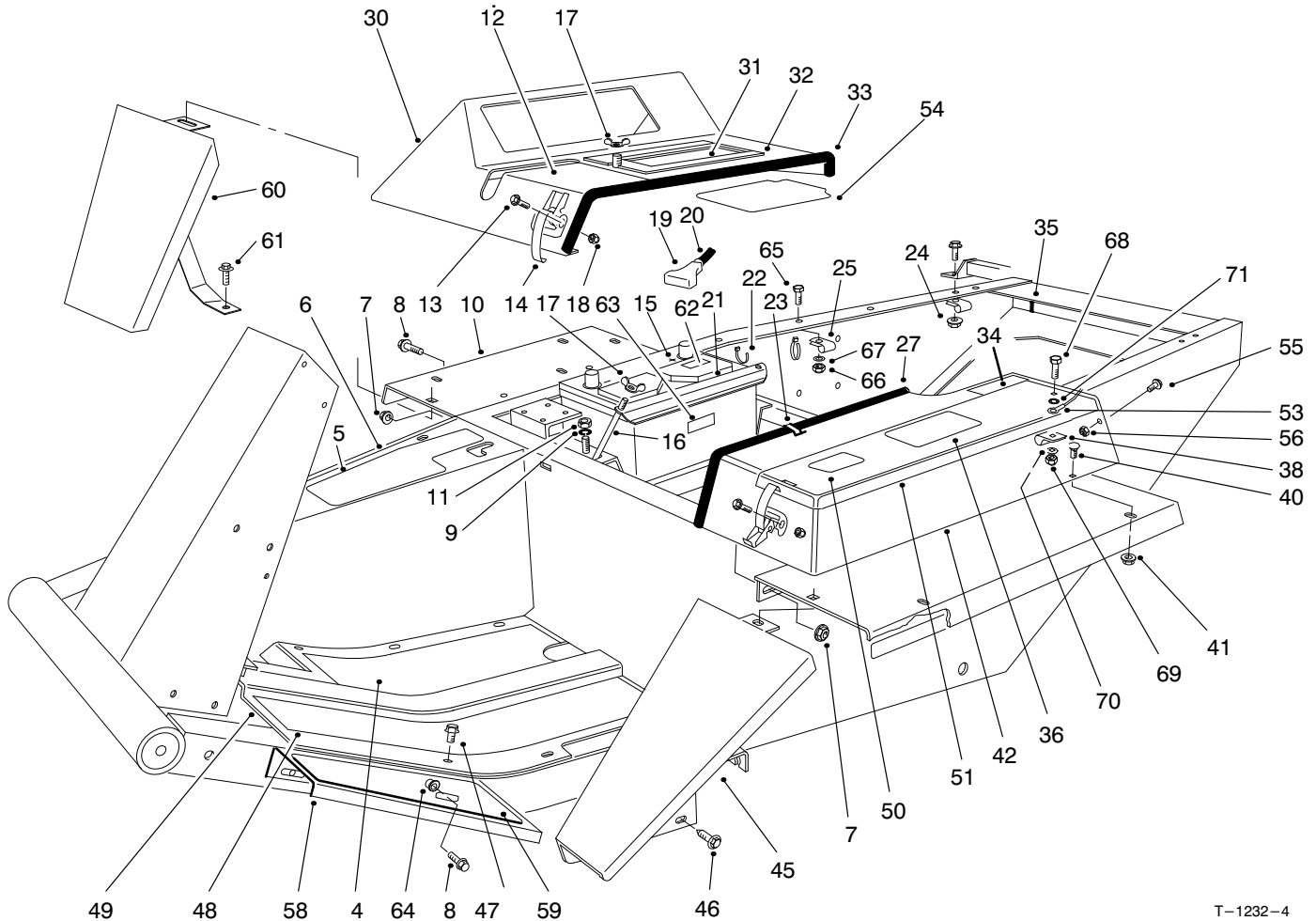




MODEL NO. 30741-90001 & UP

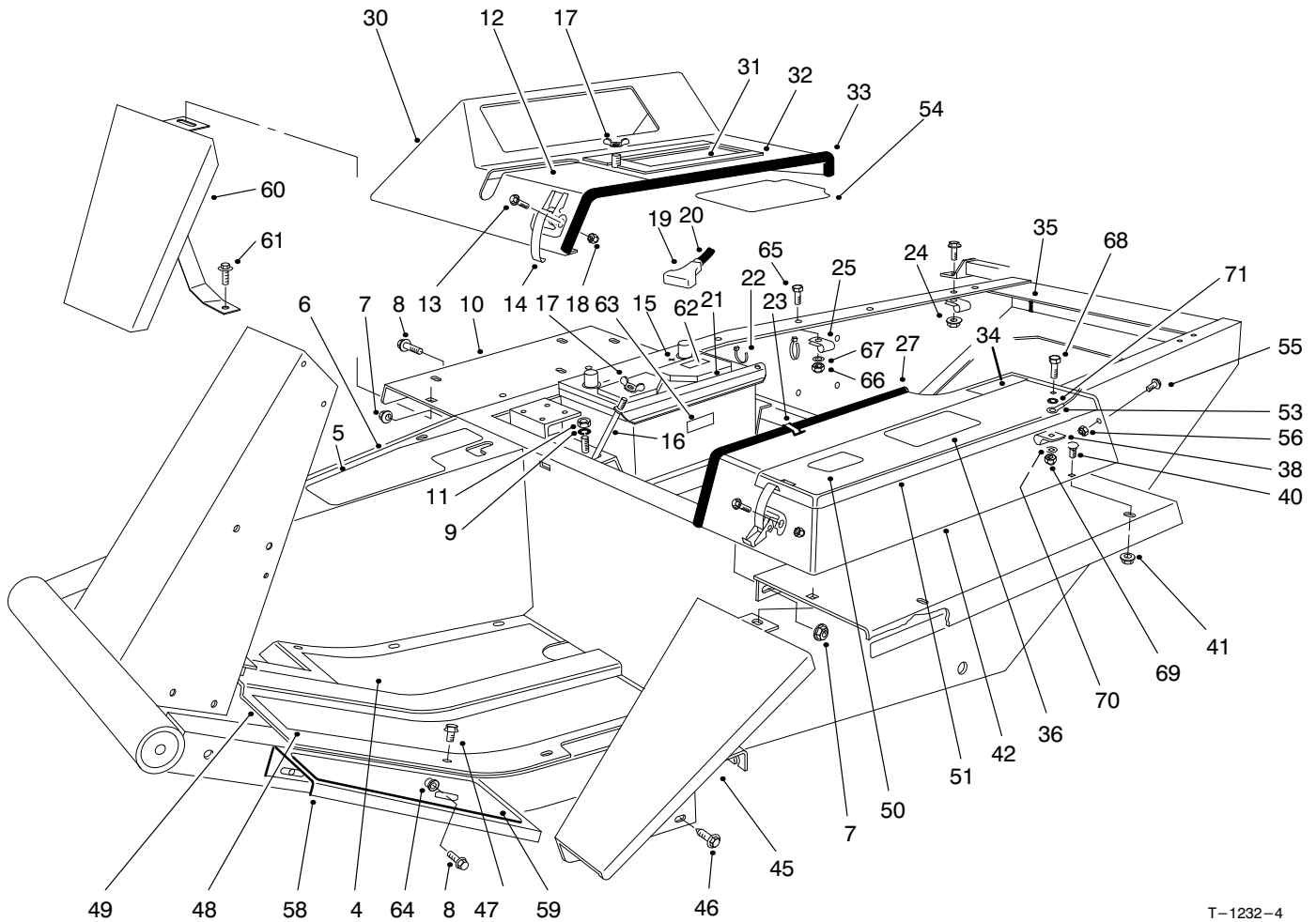
PARTS
CATALOGGROUNDMASTER® 325D Intl. 4WD
TRACTION UNIT

T-1232-4

MAIN FRAME ASSEMBLY

Ref. No.	Part No.	Description	No. Used
4	21-2770	Pad-Foot Rest RH	1
5	93-7832	Decal-Caution	1
6	21-2660	Footrest	1
7	32128-19	Nut-HFH	6
8	3234-12	Screw-HFH	5
9	3253-4	Washer-Lock	2
10	72-3690	Fender	2
11	3217-6	Nut-Hex.	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-HFH	4
25	2412-4	Clamp	3
26	3234-11	Screw-HFH	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-HH	1

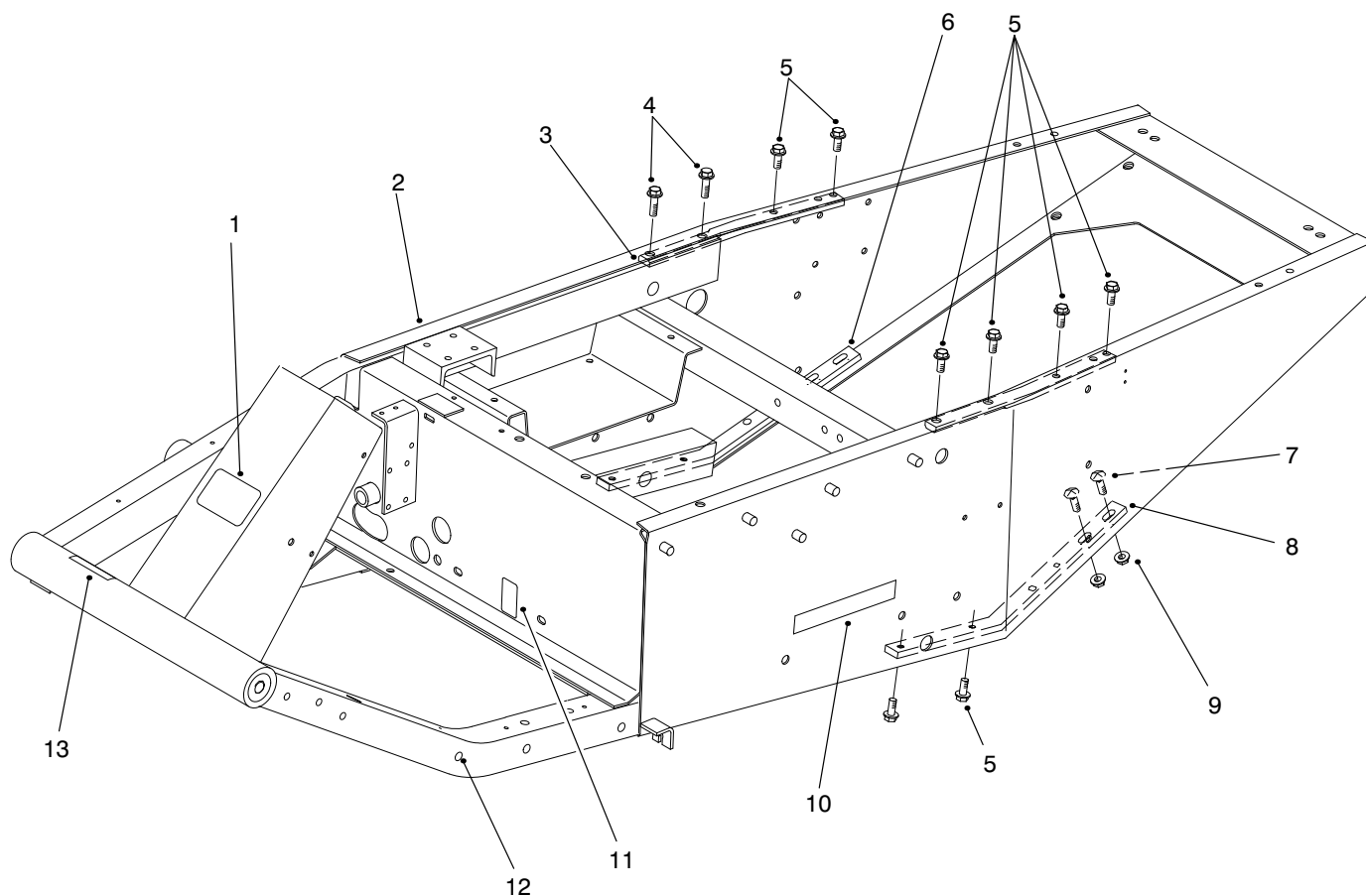


T-1232-4

MAIN FRAME ASSEMBLY (Continued)

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

† Special tool required

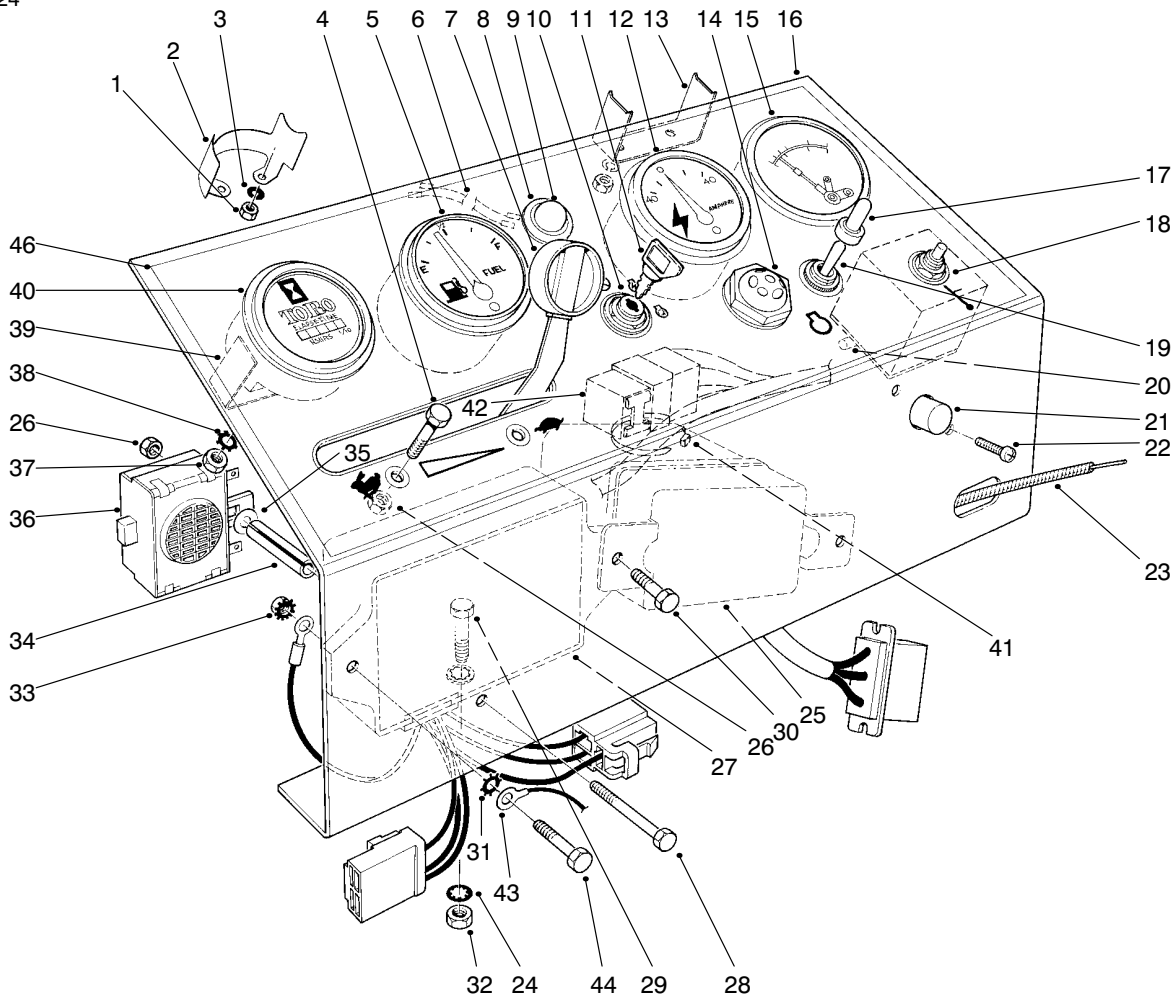


T-2802-3

MAIN FRAME ASSEMBLY (Continued)

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

† Special tool required

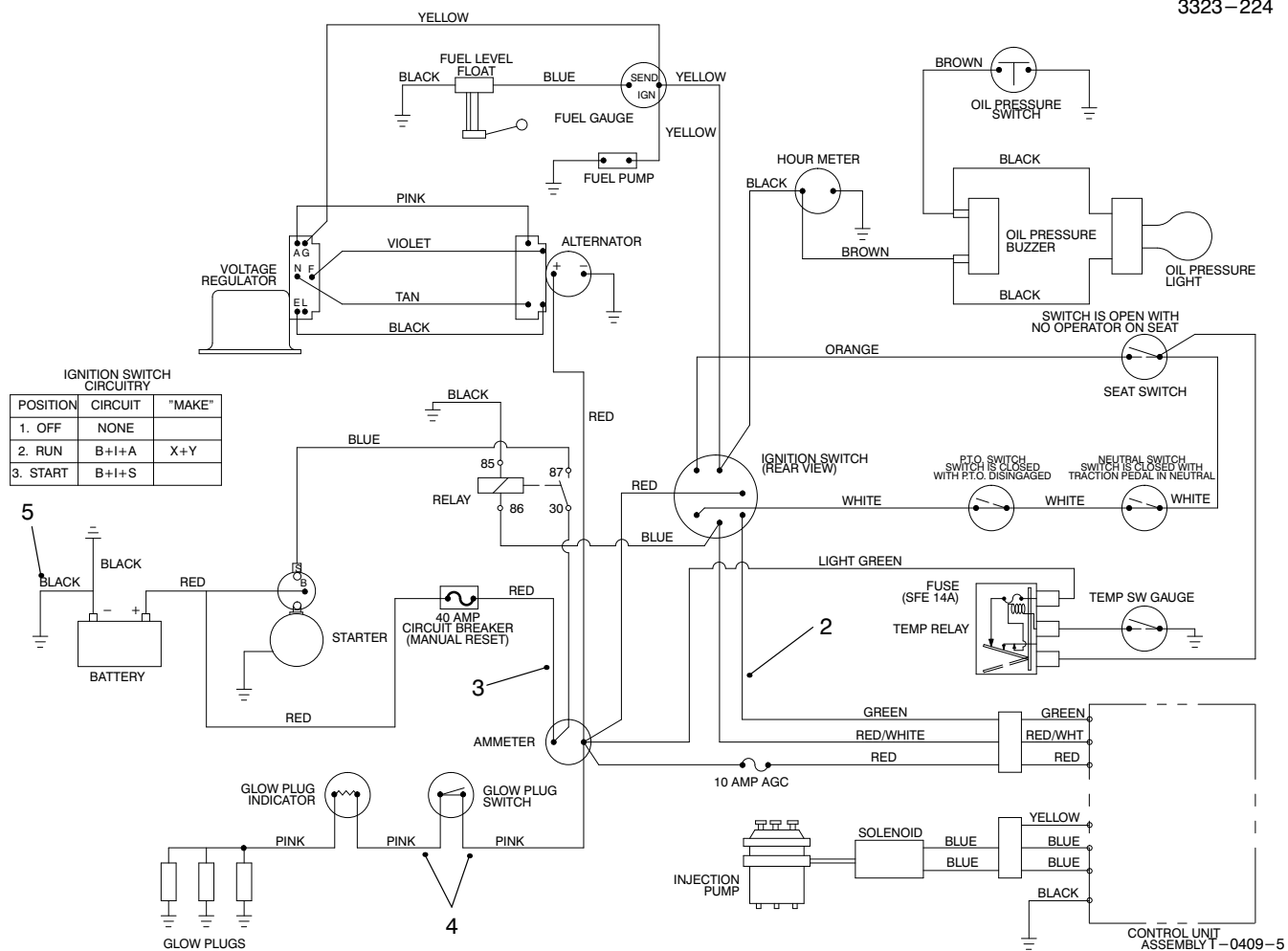


T-0408-3

INSTRUMENT PANEL ASSEMBLY

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

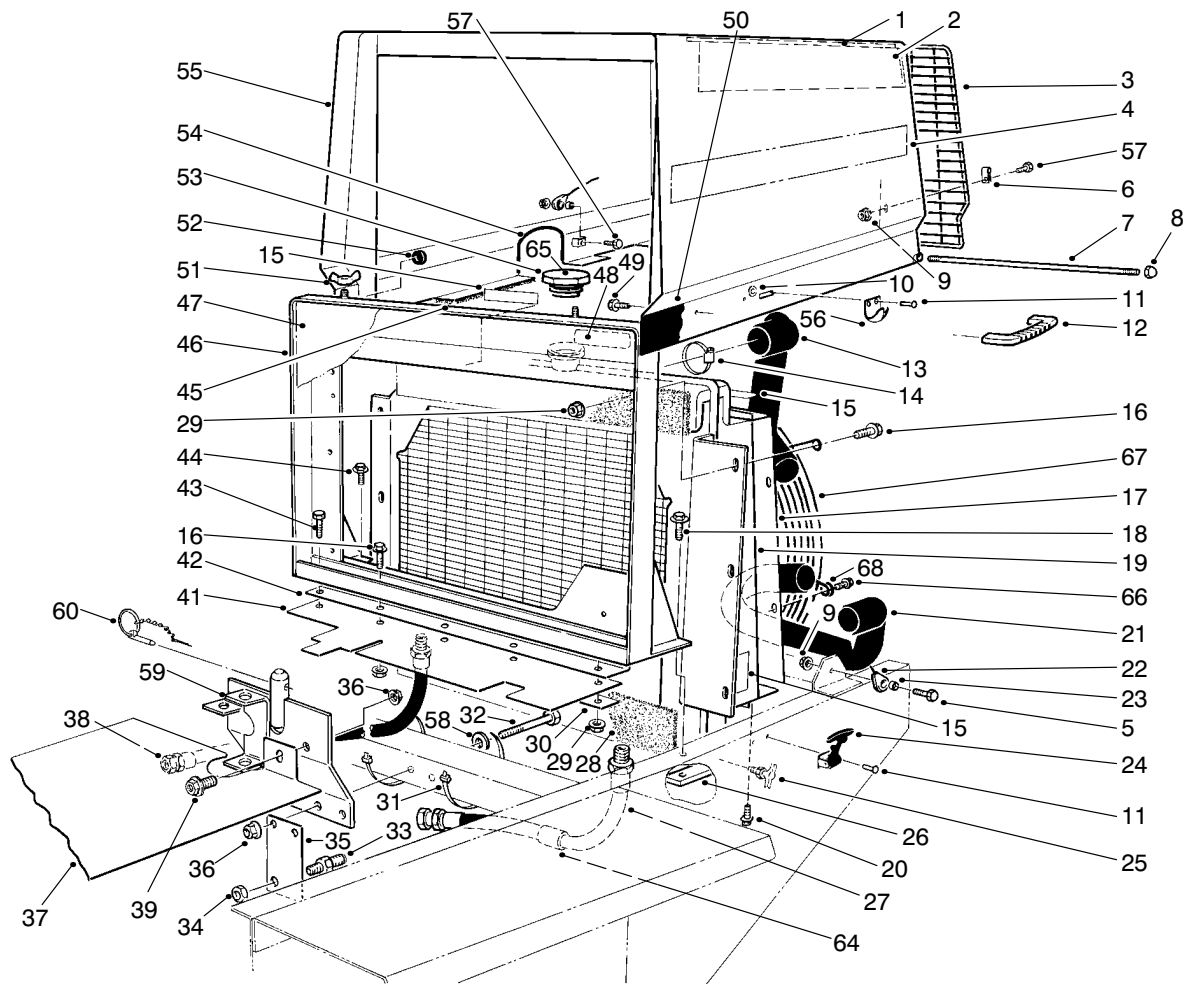
† Obtain locally



ELECTRICAL SCHEMATIC

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

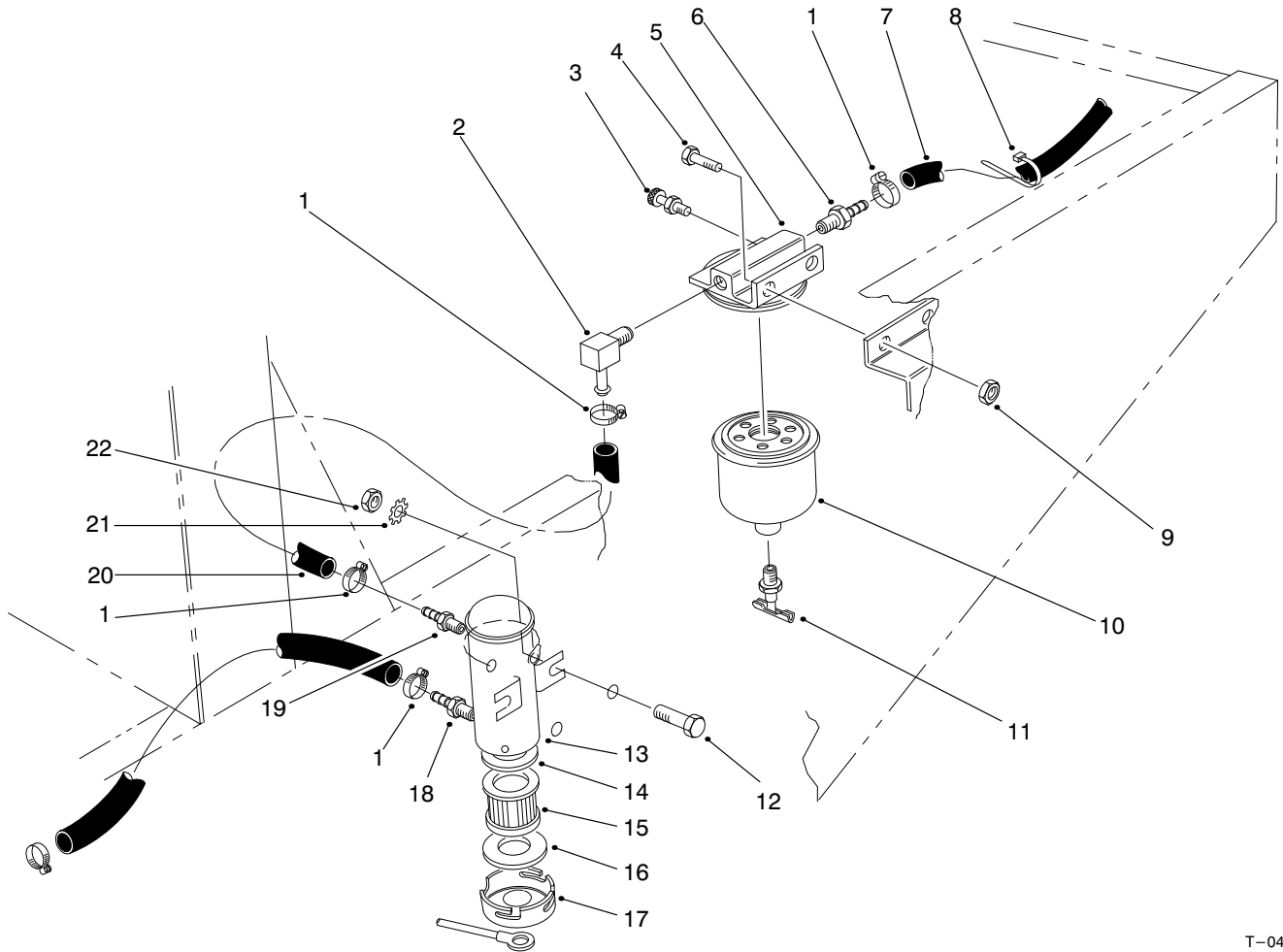
Ref. No.	Part No.	Description	No. Used
4	43-4010	Asm-Wire	2
5	70-1190	Ground Cable	1



T-1185-3

RADIATOR & HOOD ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	77-5170	Foam-Top	1	27	63-9010	Asm-Hose, Cooler/Pump	1
2	77-5160	Foam-Side	1	28	43-3320	Foam-Radiator	2
3	67-9000	Screen-Rear	1	29	32128-20	Screw-HFH	11
4	93-3188	Decal-Groundsmaster	2	30	67-8470	Strip-Retainer	1
5	321-4	Screw-HH	2	31	3290-379	Tie-Cable	4
6	2412-127	Clamp	4	32	323-14	Screw-HH	3
7	67-8840	Pin-Hinge	1	33	340-71	Union-Bulkhead	2
8	32111-8	Nut-Acorn	2	34	340-70	Nut-Lock Bulkhead	2
9	32128-32	Nut-HFH	8	35	68-9160	Bracket	1
10	3269-10	Washer-Backup	2	36	32128-21	Nut-HFH	4
11	3290-55	Rivet	4	37	88-3390	Plate-Sealing	1
12	65-5100	Handle-Hood	1	38	63-8960	Asm-Hose, Valve/Cooler	1
13	43-3350	Hose-Upper Radiator	1	39	3234-11	Screw-HFH	2
14	2412-3	Clamp-Hose	4	41	67-8570	Strip-Sealing	1
15	93-7272	Decal-Warning	3	42	43-3340	Plate-Sealing, Grille	1
16	3234-14	Screw-HFH	11	43	322-6	Screw-HH	1
17	43-3330	Shroud-Radiator	1	44	11-0590	Screw-Self Tapping	2
18	3234-25	Screw-HFH	2	45	82-8950	Foam-Hood Flange	2
19	33-2570	Asm-Radiator	1	46	67-8870	Support-Radiator	1
20	32104-116	Screw-Self Tapping	4	47	67-9030	Grille	1
21	43-7020	Hose-Lower Radiator	1	48	93-7821	Decal-Coolant Radiator	1
22	77-3170	Stop-Cable Hood	2	49	46-8091	Screw-HFH	2
23	77-5250	Spacer-Cable Hood	4	50	77-5140	Decal-Hood 4wd LH	1
24	249-39	Latch-Draw Flexible	1	*	77-5150	Decal-Hood 4wd RH	1
25	304-46	Drain Cock	1	51	32103-2	Nut-Wing	2
26	38-4600	Bar-Frame LH	1	52	237-141	Bumper-Radiator	2

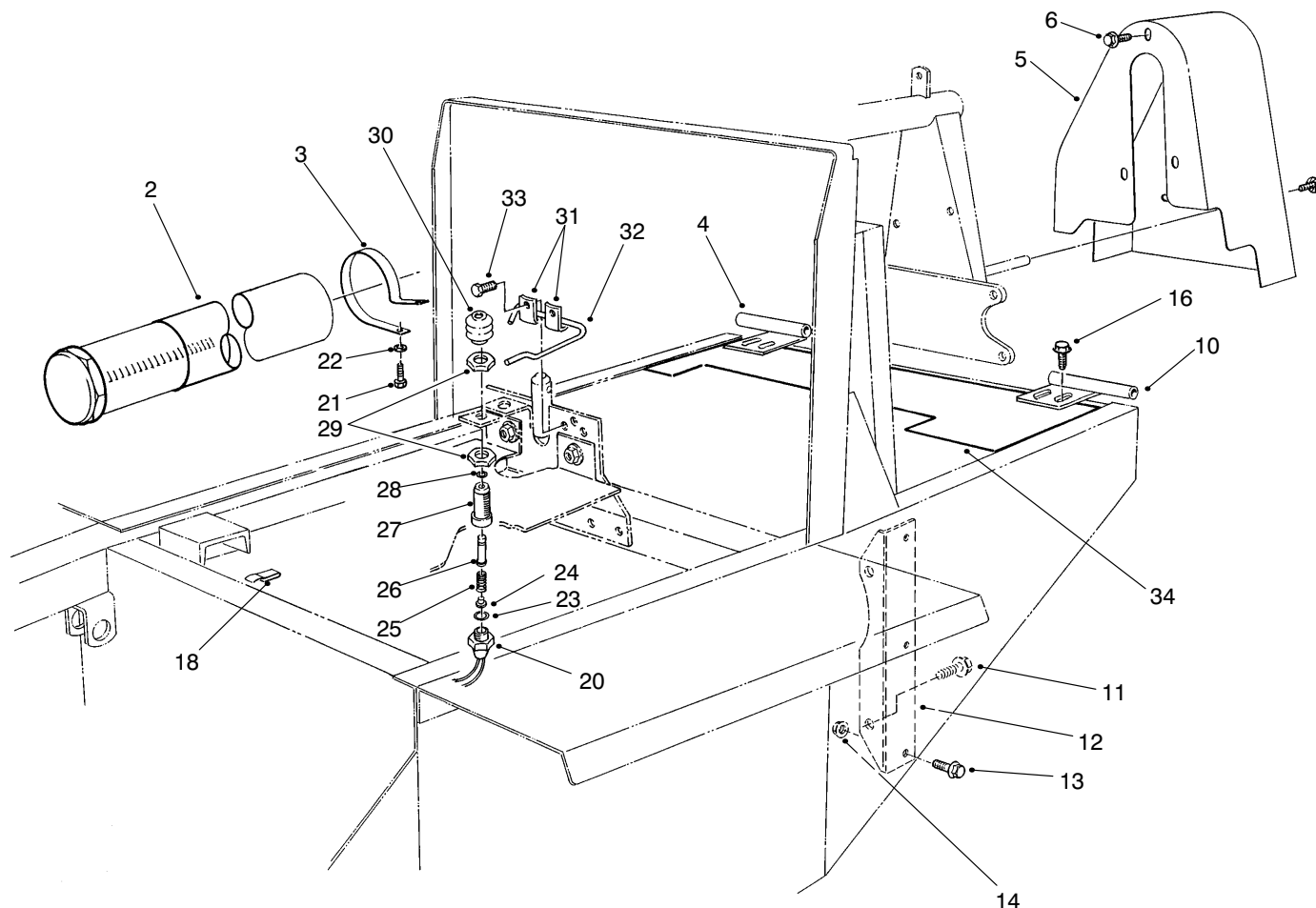


T-0411

FUEL FILTER ASSEMBLY

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

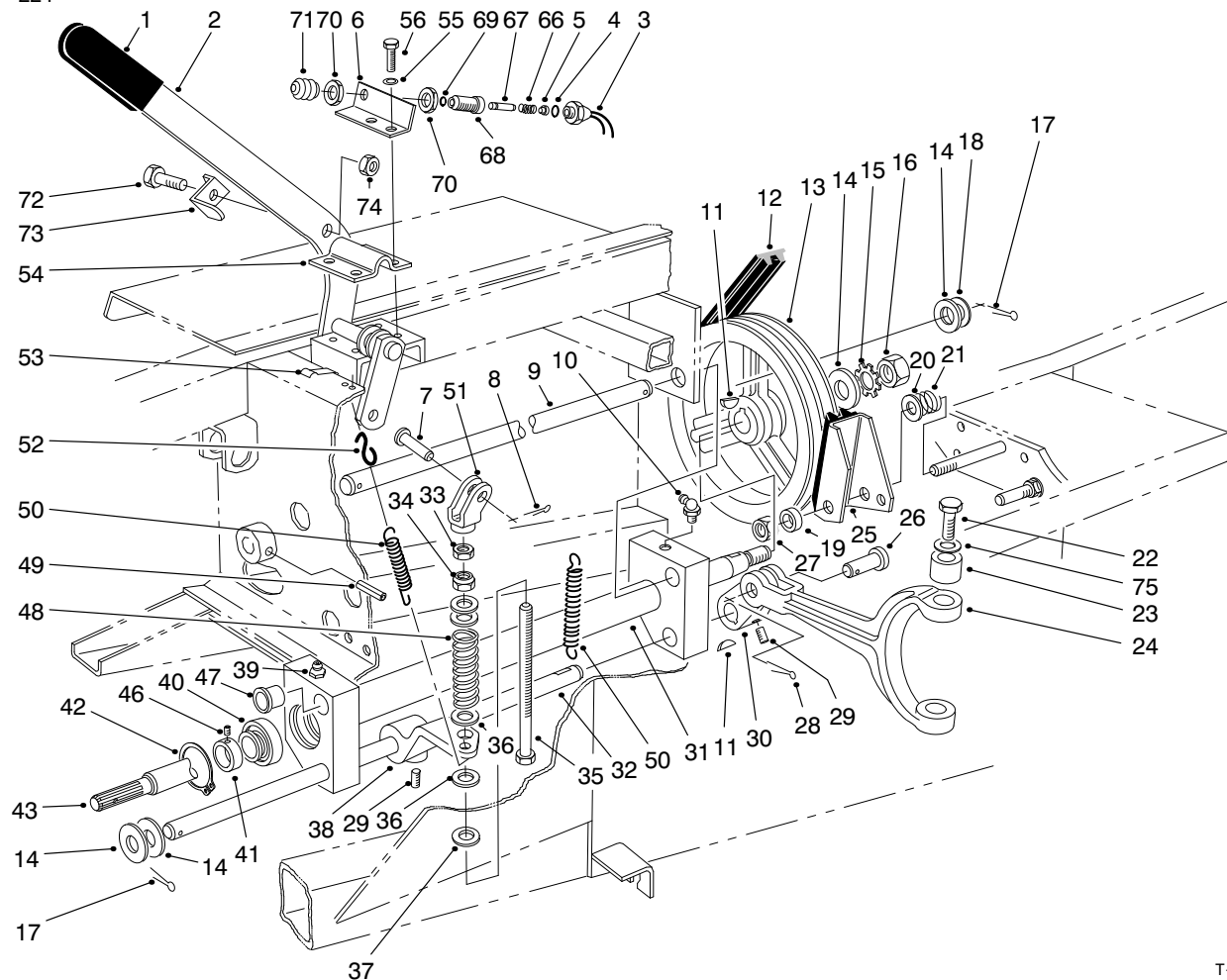
Ref. No.	Part No.	Description	No. Used
13	53-8150	Asm-Pump, Fuel, Electric (Incl. Ref. #14-17)	1
14	43-2570	Gasket	1
15	43-2550	Filter	1
16	43-2560	Gasket	1
17	43-2580	Magnet	1
18	353-702	Hose Barb	1
19	304-73	Hose Barb	1
20	63-9650	Hose	1
21	3255-7	Washer-Lock	2
22	32149-2	Nut-Lock	2
*	95-3092	Kit-400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



T-1186B

INTERLOCK ASSEMBLY

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

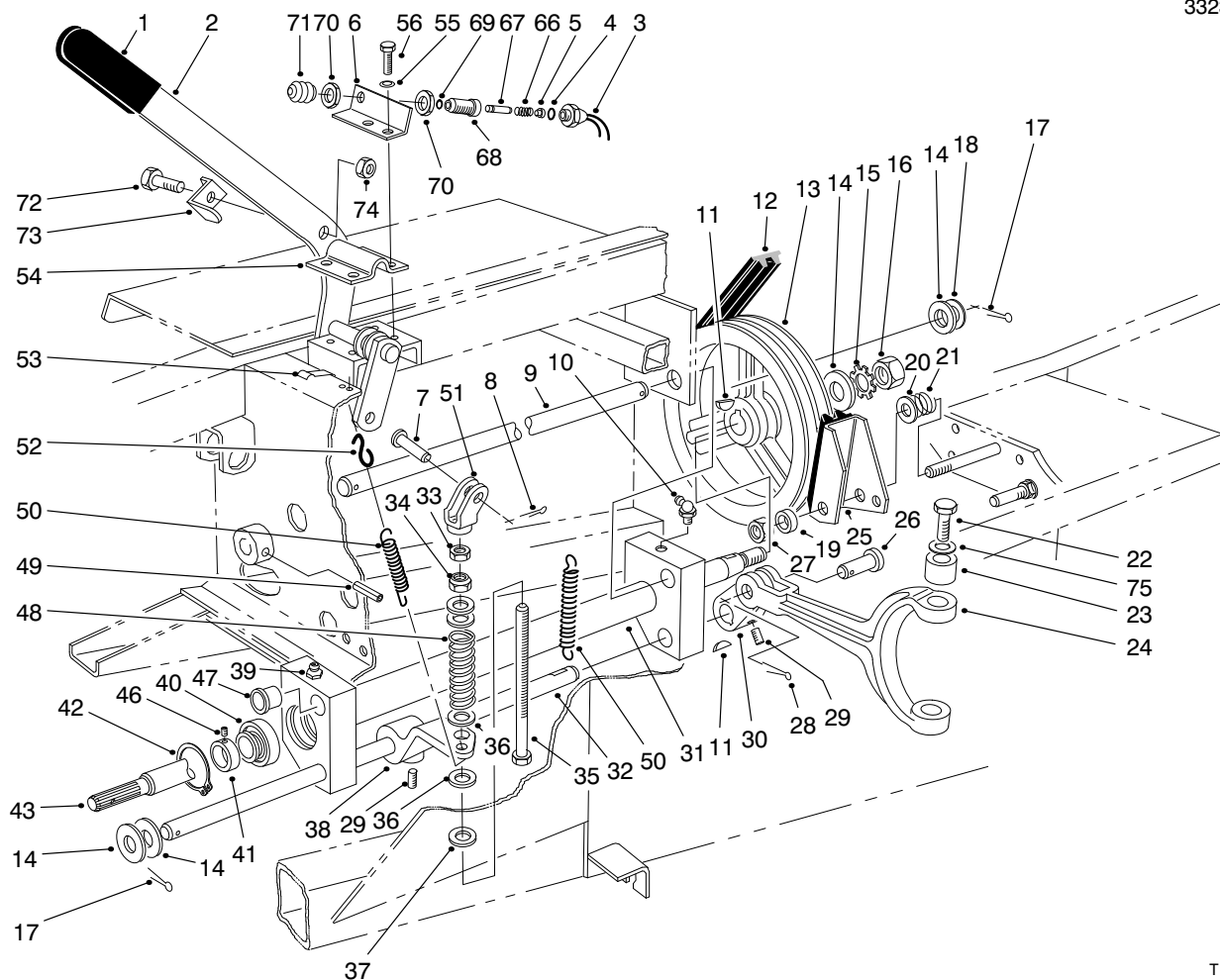


T-0413-3

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	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	Fitting-Grease	1
11	3257-5	Key-Woodruff	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	4
16	3219-7	Nut-Hex.	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-HH	2
23	92-5723	Bushing-P.T.O. Fork	2
24	92-4060	Fork P.T.O.	1
25	27-7370	Asm-Brake, 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-Hex.	1
34	3296-6	Nut-Lock	1
35	27-7900	Screw-Adjusting	1
36	3256-41	Washer-Flat	4
37	5-0652	Spacer	1
38	43-5570	Arm, Actuator-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

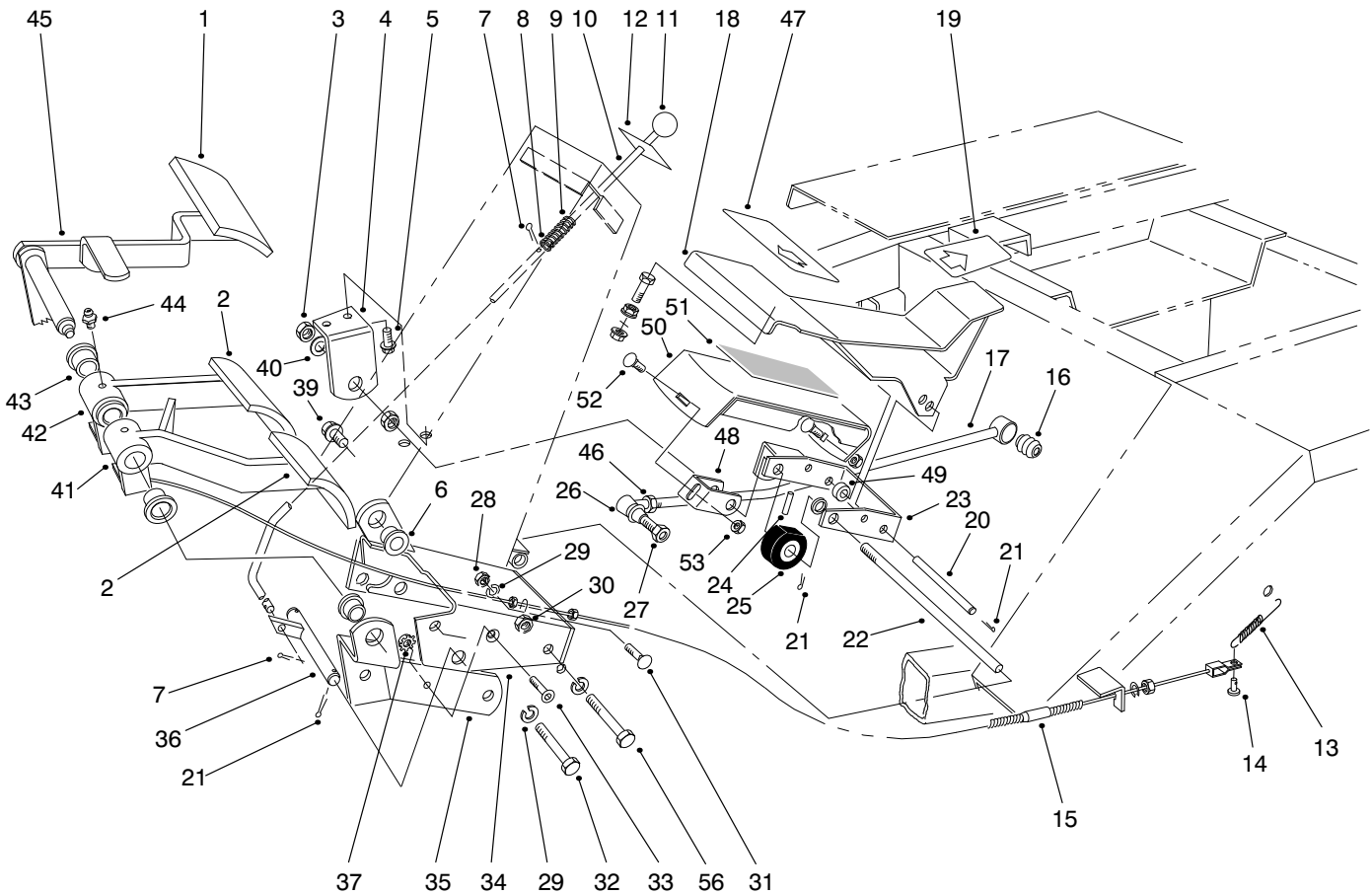


T-0413-3

POWER TAKE OFF ASSEMBLY (Continued)

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

* Not Illustrated



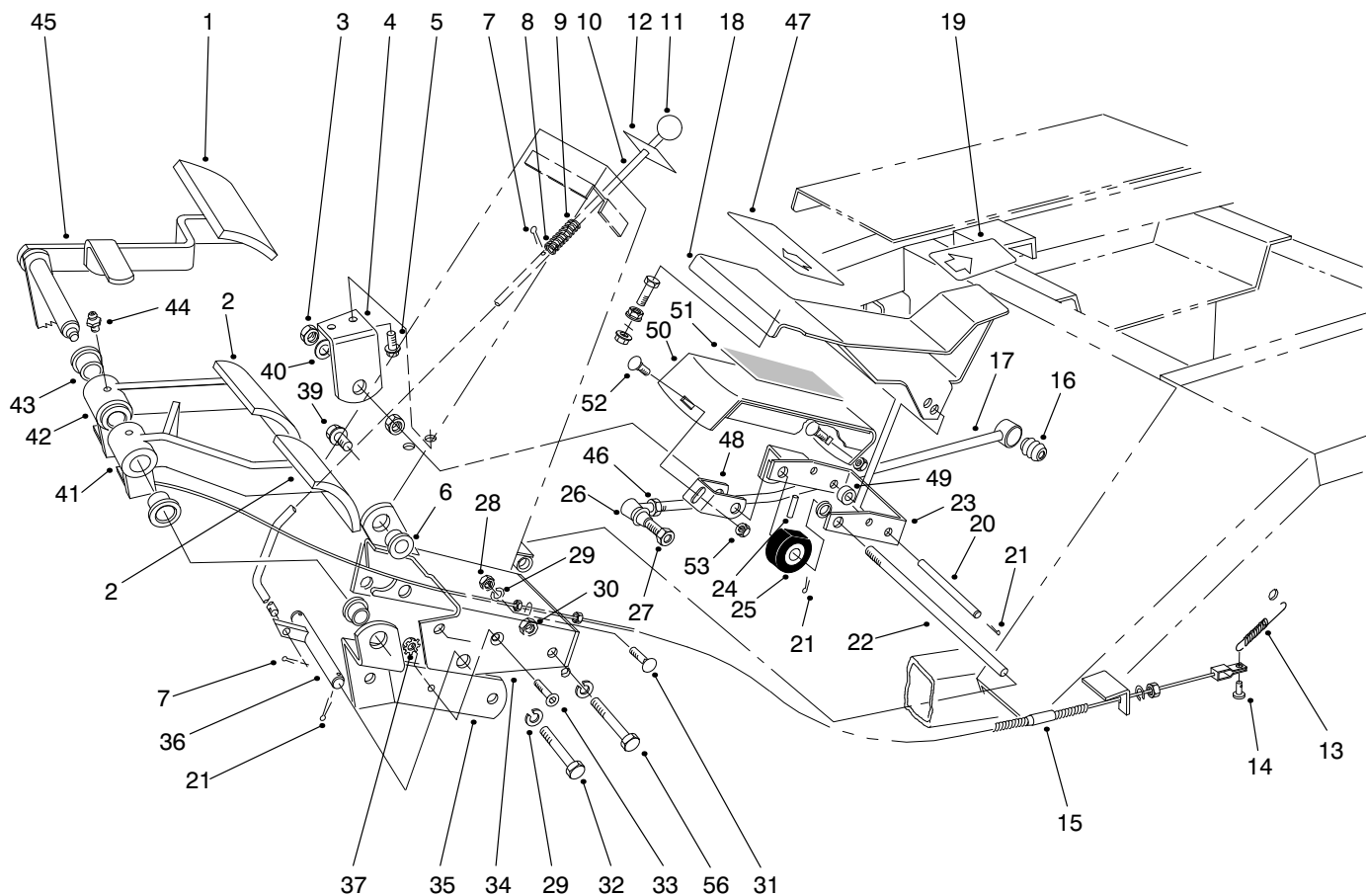
T-0415-7

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-RH 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-LH Brake	1
*	21-3370	Cable-RH Brake	1
16	23-2270	Bushing-Rubber	1
17	23-2240	Rod-Pump Control	1
18	94-3304	Pedal-Traction	1
19	94-3308	Pad-Pedal Rear	1
20	88-1640	Pin-Traction Pedal	1
21	3272-6	Pin-Cotter	6
22	88-1650	Shaft-Traction Pedal	1
23	88-1670	Bracket-Pivot	1
		(Incl. Ref. #6)	1
24	32121-6	Pin-Roll	1

Ref. No.	Part No.	Description	No. Used
25	28-5220	Wheel-Friction	1
26	21-0141	Socket, RH	1
27	3220-3	Asm-Nut-Jam	1
28	3217-7	Nut-Hex.	2
29	3253-21	Washer-Lock	4
30	32153-2	Nut-Lock	2
31	3231-21	Bolt-Carriage	2
32	323-13	Screw-HH	1
33	3274-47	Screw-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-Lock	1
39	3234-11	Screw-HH	3
40	3256-26	Washer-Flat	1
41	27-7490	Pedal-LH Brake (Incl. Ref. #43)	1
42	27-7510	Pedal-RH Brake (Incl. Ref. #43)	1
43	256-10	Bushing	4
44	302-5	Fitting-Grease	2
45	27-8550	Pedal-Parking Brake	1
46	3220-5	Nut-Jam	1
47	94-3307	Pad-Front Pedal	1
48	88-1680	Bracket-Footrest	1

* Not Illustrated

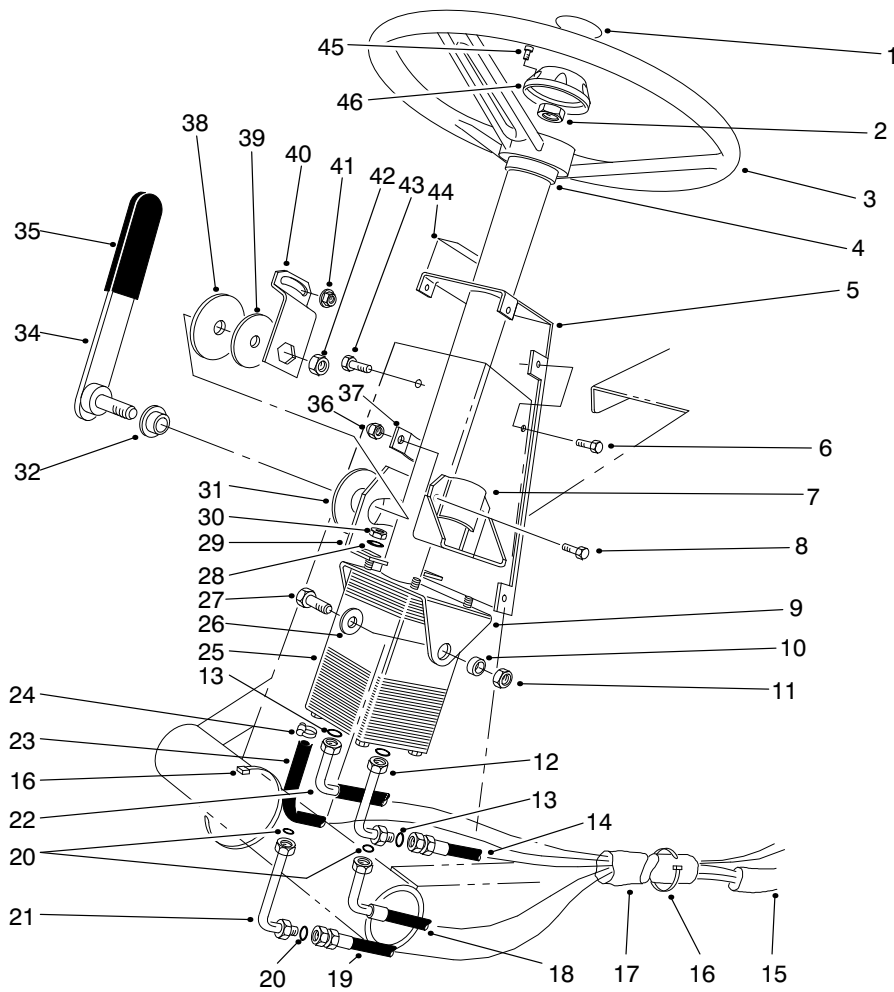


T-0415-7

BRAKE PEDAL ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
49	88-0470	Tube-Pedal, Spacer	1	53	32128-25	Nut-HFH	2
50	88-1710	Footrest	1	54	323-42	Screw-HH	1
51	88-1720	Pad-Footerest	1	55	32128-43	Nut-HFH	2
52	3230-1	Bolt-Carriage	2	56	323-14	Screw-HH	1

* Not Illustrated

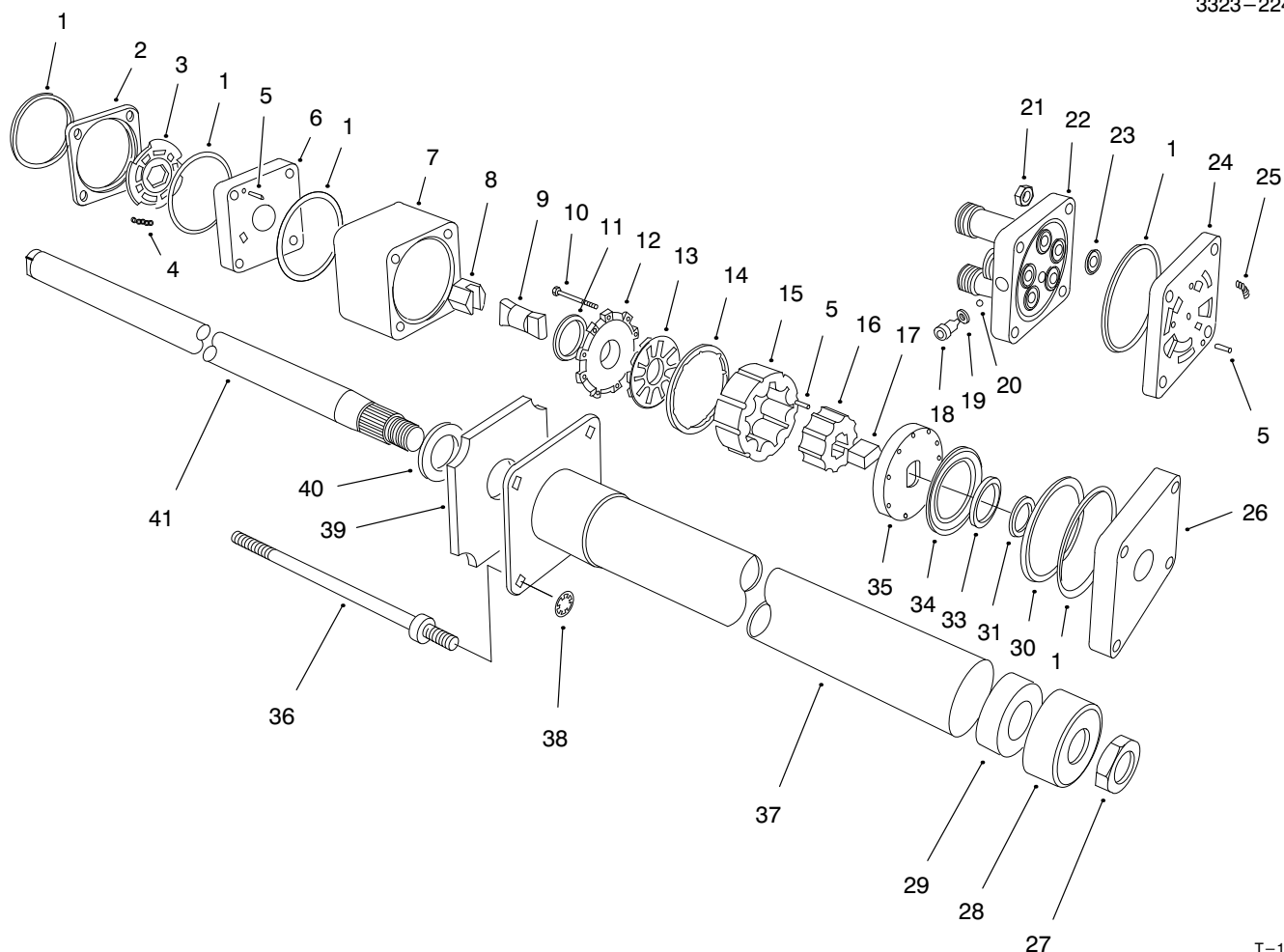


T-1187-3

POWER STEERING ASSEMBLY

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

Ref. No.	Part No.	Description	No. Used
23	63-8990	Hose	1
24	2412-36	Clamp	2
25	92-7308	Valve-Steering Power	1
26	3256-46	Washer-Flat	2
27	323-6	Screw-HH	2
28	3256-3	Washer-Flat	4
29	80-2940	Plate-Pivot	1
30	3296-20	Nut-Lock	4
31	31-0390	Disc-Friction	1
32	80-2980	Boss-Pin	1
34	93-1353	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-HFH	1
42	3218-7	Nut-Jam	1
43	322-4	Screw-HH	1
44	82-8940	Decal-Steering Tilt	1
45	32144-21	Screw-Pan Head	1
46	68-5140	Cap-Wheel Steering	1



T-1760

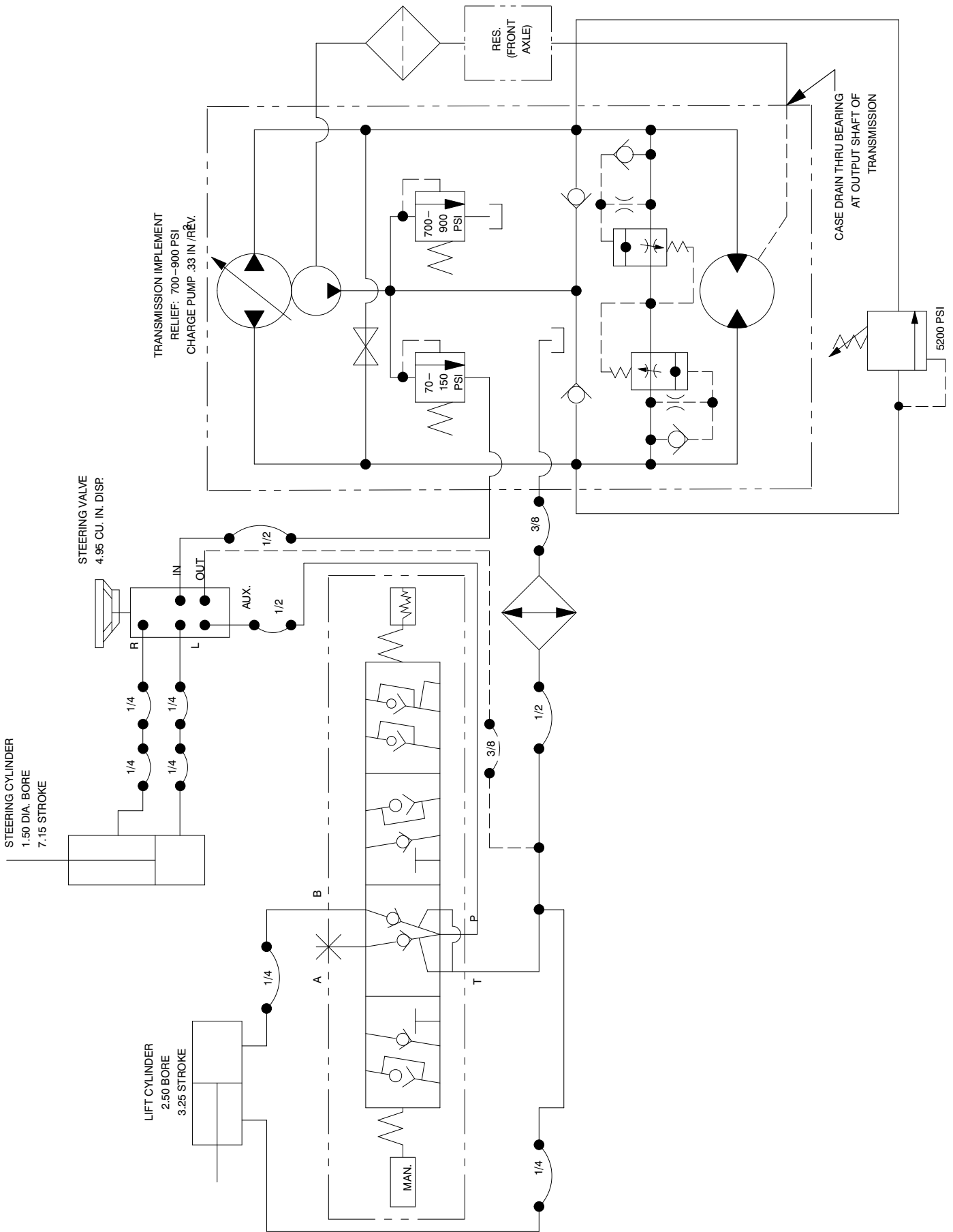
POWER STEERING VALVE ASSEMBLY NO. 92-7308

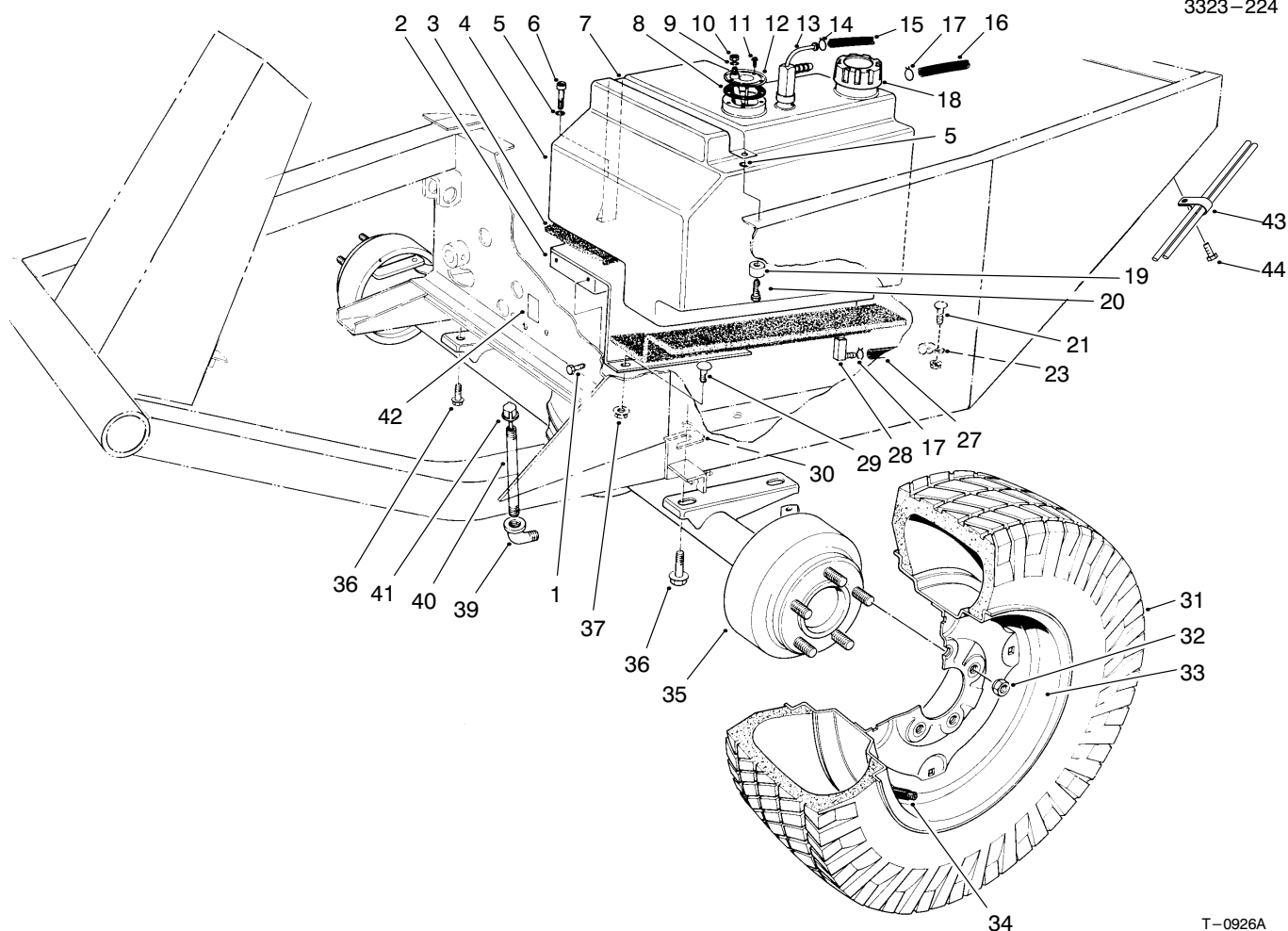
Ref. No.	Part No.	Description	No. Used
1		Ring-Seal	5
2		Ring-Valve	1
3		Plate-Valve	1
4		Spring	3
5		Pin-Alignment	9
6		Manifold-Isolation	1
7		Ring-Metering	1
8		Asm-Hex Drive	1
9		Link-Drive	1
10		Screw-Hex. Hd. Socket	11
11		Seal-Commutator	1
12		Cover-Commutator	1
13		Commutator	1
14		Ring-Commutator	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	Kit-Spring (Incl. Ref. #4 & 25)	1
*	66-9980	Kit-Seal (Incl. Ref. #1, 11, 19, 23, 31 & 33)	1
*	66-9990	Kit-Needle Roller (Incl. Ref. #5)	1
*	92-7314	Asm-Column (Incl. Ref. #27-29 & 37-41)	1

* Not Illustrated

HYDRAULIC SCHEMATIC



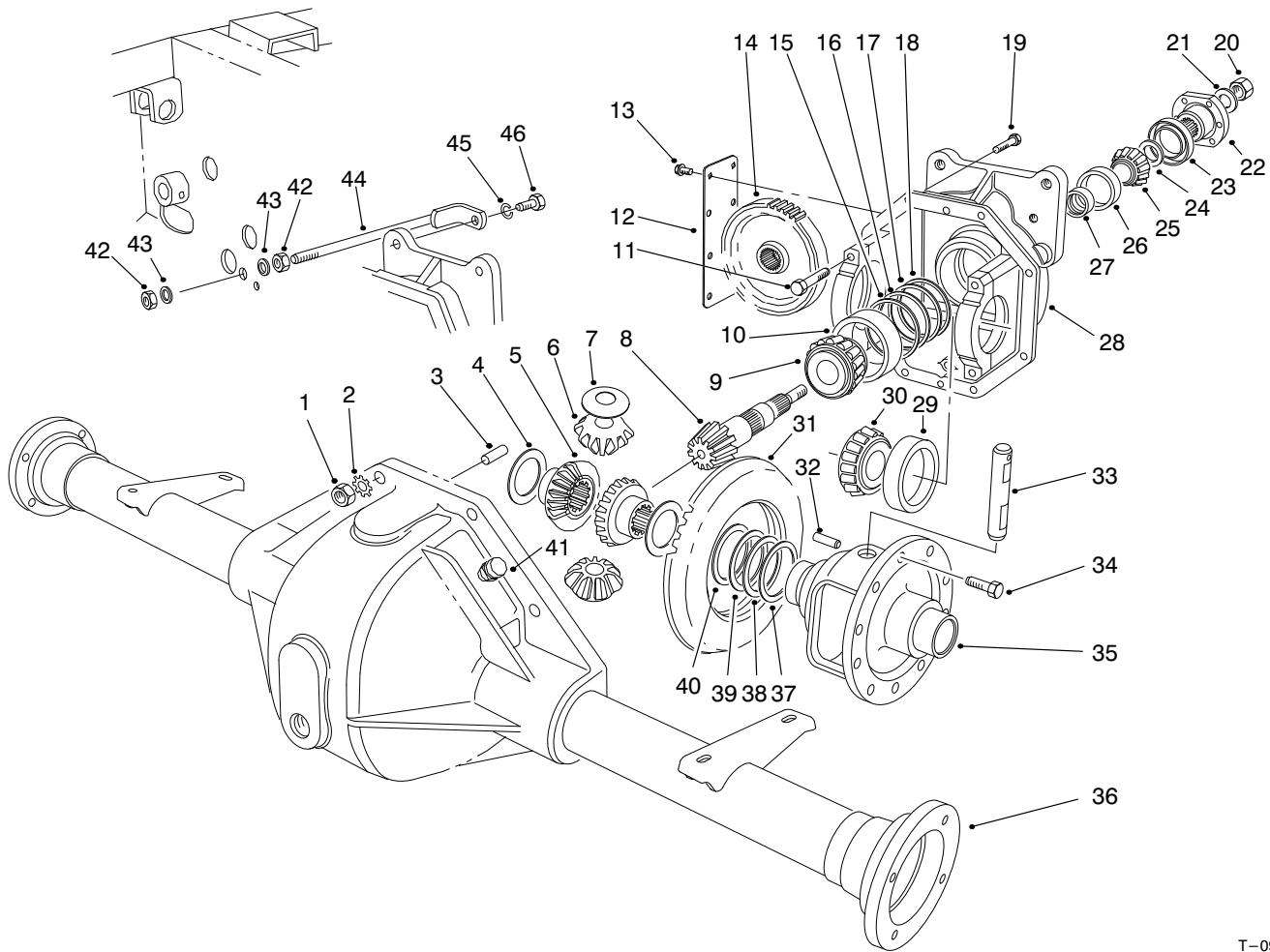


T-0926A

FRONT AXLE & FUEL TANK ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	3234-11	Screw-HFH	2	*	231-95	Tire-23x10.5x12 (4 Ply) (Optional)	2
2	68-9760	Fuel Tank Base	1	*	69-9880	Tire-23x10.5x12 (6 Ply) (Optional)	2
3	21-3600	Foam-Tank Support	1	32	23-7270	Nut-Wheel	10
4	43-4150	Fuel Tank (Incl. Ref. #13 & 14)	1	33	217-117	Rim	2
5	3253-3	Washer-Lock	2	*	217-116	Rim-23x10.5x12 (Optional)	2
6	32104-96	Screw-HH	1	34	232-31	Valve Stem w/Cap	2
7	37-9550	Strap-Fuel Tank	1	*	232-27	Valve Stem (For 23x10.5x12 Rim Opt.)	1
8	62-7650	Gasket	1	35	86-9630	Asm-Front Axle	1
9	3253-17	Washer-Lock	1	36	32144-67	Screw-HFH	4
10	3219-14	Nut	1	37	32128-20	Nut-HFH	3
11	32144-53	Screw-HFH	5	39	2811-9	Street Elbow	1
12	62-6840	Sender-Fuel Level	1	40	289-37	Nipple-Pipe	1
13	43-4160	Fitting-Return & Vent	1	41	23-5180	Dipstick	1
14	2412-79	Clamp	1	42	53-4430	Decal-Oil	1
15	43-4230	Hose-Return	1	*	231-90	Tube-Inner	2
16	43-5690	Hose-Vent, Fuel Tank	1	*	62-7020	Asm-Wheel & Tire (23"x10.5"x12" 4 Ply) (Optional)	2
17	2412-6	Clamp	2	*	69-9870	Asm-Wheel & Tire (23"x10.5"x12" 6 Ply) (Optional)	2
18	55-3572	Fuel Cap	1	43	2412-74	Clamp-R	1
19	22-7810	Spacer	1	44	32144-14	Screw HH	1
20	321-6	Screw-HH	1				
21	21-3610	Foam-Tank Support	1				
23	2412-4	Clamp	1				
27	63-9640	Hose-Fuel	1				
28	43-4190	Asm-Fitting	1				
29	3230-2	Bolt-Carriage	3				
30	42-6080	Shim-Axle	A/R				
31	231-138	Tire-6 Ply	2				

* Not Illustrated



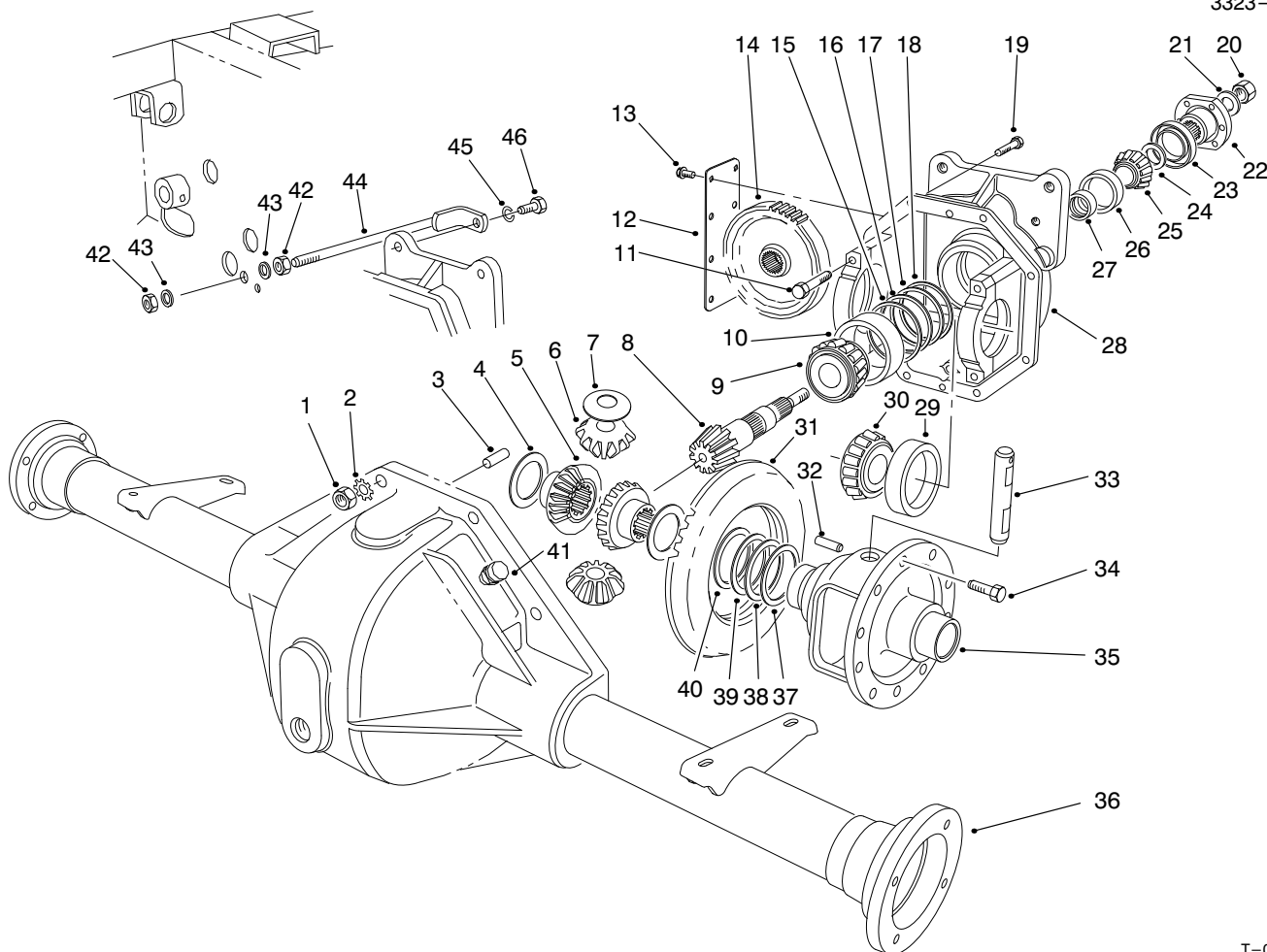
T-0905

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-HH	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-HH	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

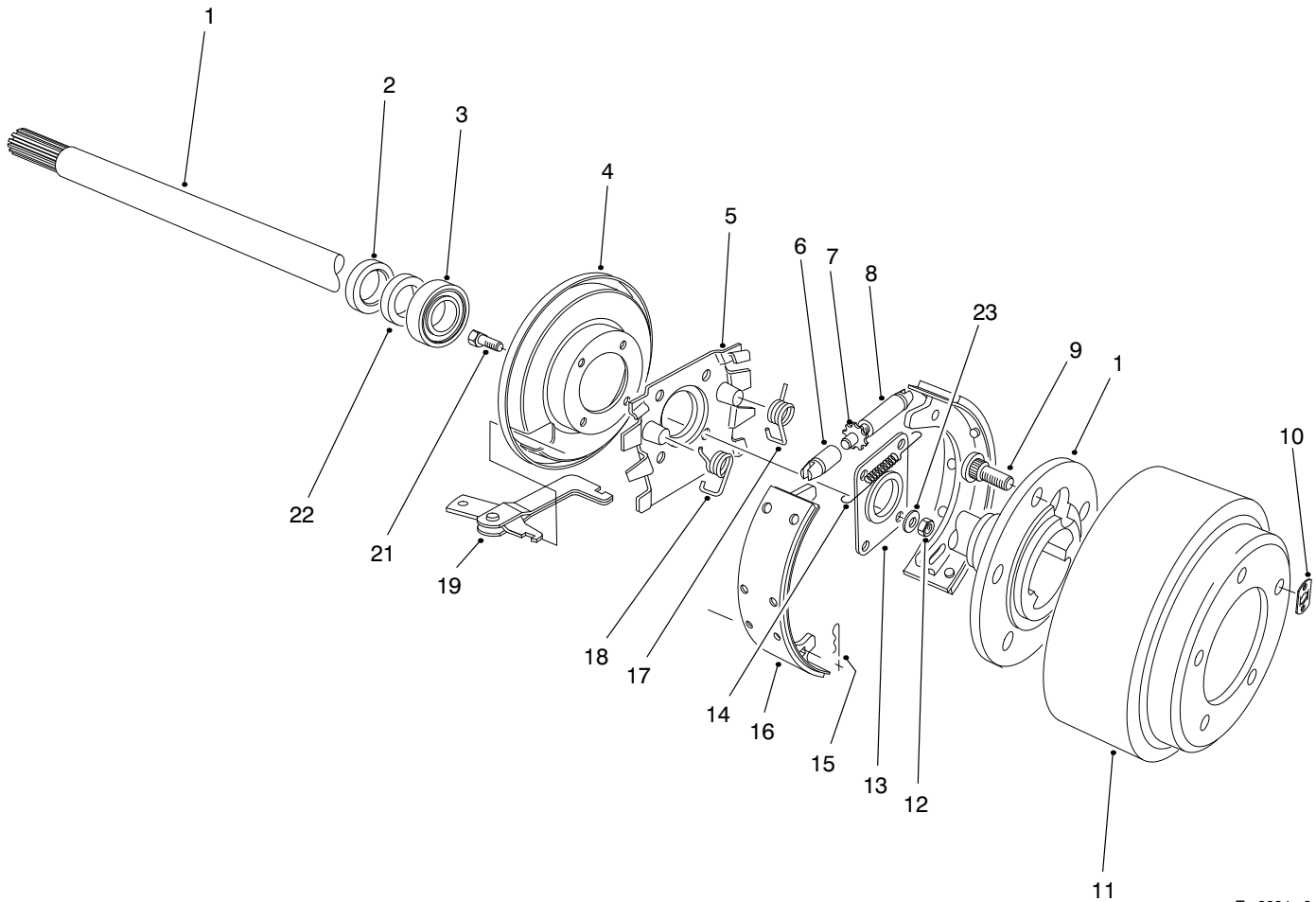


T-0905

FRONT AXLE ASSEMBLY NO. 86-9630 (Continued)

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

* Not Illustrated



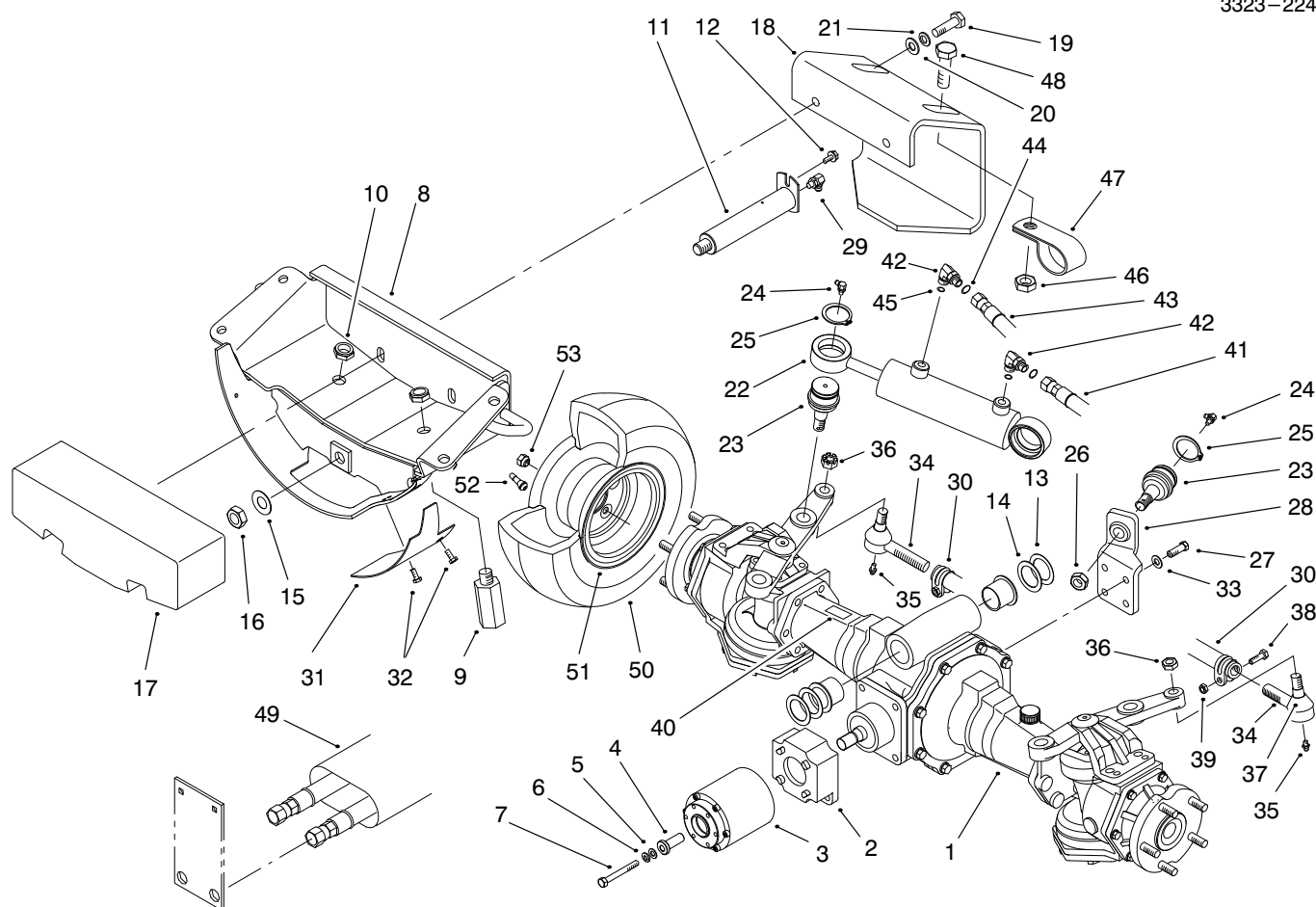
T-2664-2

BRAKE ASSEMBLY

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

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

* Not Illustrated

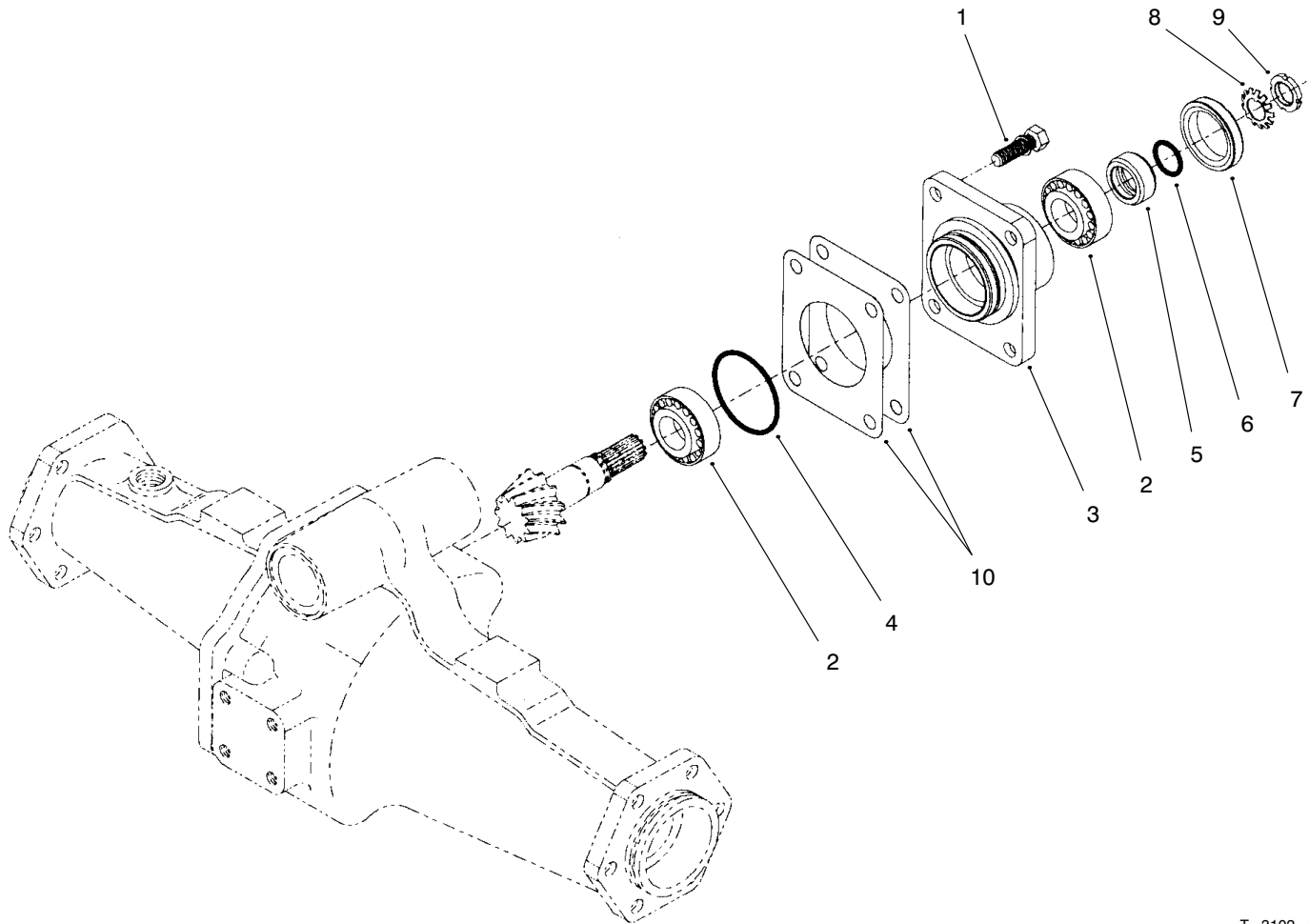


T-3110-2

REAR AXLE ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	95-7501	Asm-Drive Axle	1	29	302-33	Fitting-Lube	1
2	98-3860	Adapter-Clutch	1	30	99-2412	Asm-Tube & Clamp	1
3	95-6296	Clutch-Bidirectional	1	31	99-2413	Cover-Guard, Flywheel	1
4	99-8436	Spacer	1	32	32144-10	Screw-HH	2
5	33094-00	Washer-Flat	1	33	48-9220	Washer	4
6	3253-4	Washer-Lock	1	34	71-4740	Tie Rod End	2
7	33114-070	Screw-HH	1	35	302-55	Fitting-Lube	2
8	98-3855	Axle Support	1	36	3220-11	Nut-Jam	2
9	98-3863	Stop-Oscillation	2	37	71-4760	Seal	2
10	3296-15	Nut-Hex.	2	38	323-9	Screw-HH	2
11	98-3858	Rear Axle Pin	1	39	3296-39	Nut-Hex. Lock	2
12	32144-14	Screw-HWH	1	40	70-2560	Decal-Lube	1
13	99-8431	Washer-Thrust (Thin)	A/R	41	99-2407	Hose-Hydraulic	1
14	99-8432	Washer-Thrust (Thick)	A/R	42	340-97	Fitting-Hydraulic 90° (Incl. Ref. #44 & 45)	2
15	71-4540	Washer-Thrust	1	43	99-2408	Hose-Hydraulic	1
16	32146-20	Nut-Lock Jam	1	44	237-22	O-Ring	2
17	98-3869	Weight-Rear	1	45	237-78	O-Ring	2
18	98-3880	Bumper	1	46	32128-20	Nut-Lock	1
19	325-7	Screw-HH	2	47	2412-74	R-Clamp	1
20	3256-26	Washer-Flat	2	48	3234-17	Screw-HH	1
21	3253-7	Washer-Lock	2	49	56-7985	Sleeve	1
22	99-2415	Cylinder-Hydraulic	1	50	231-122	Tire	2
23	92-5838	Ball Joint	2	51	99-2410	Rim	2
24	302-11	Fitting-Grease 45°	2	52	232-31	Stem-Valve	2
25	32151-104	Ring-Retaining	2	53	93-5268	Nut-Lug	10
26	3220-6	Nut-Jam	4	*	98-3871	Asm-Tie Rod (Incl. Ref. #30 & 34-39)	1
27	95-8812	Screw-HH	4				
28	98-3862	Bracket-Cylinder Support	1				

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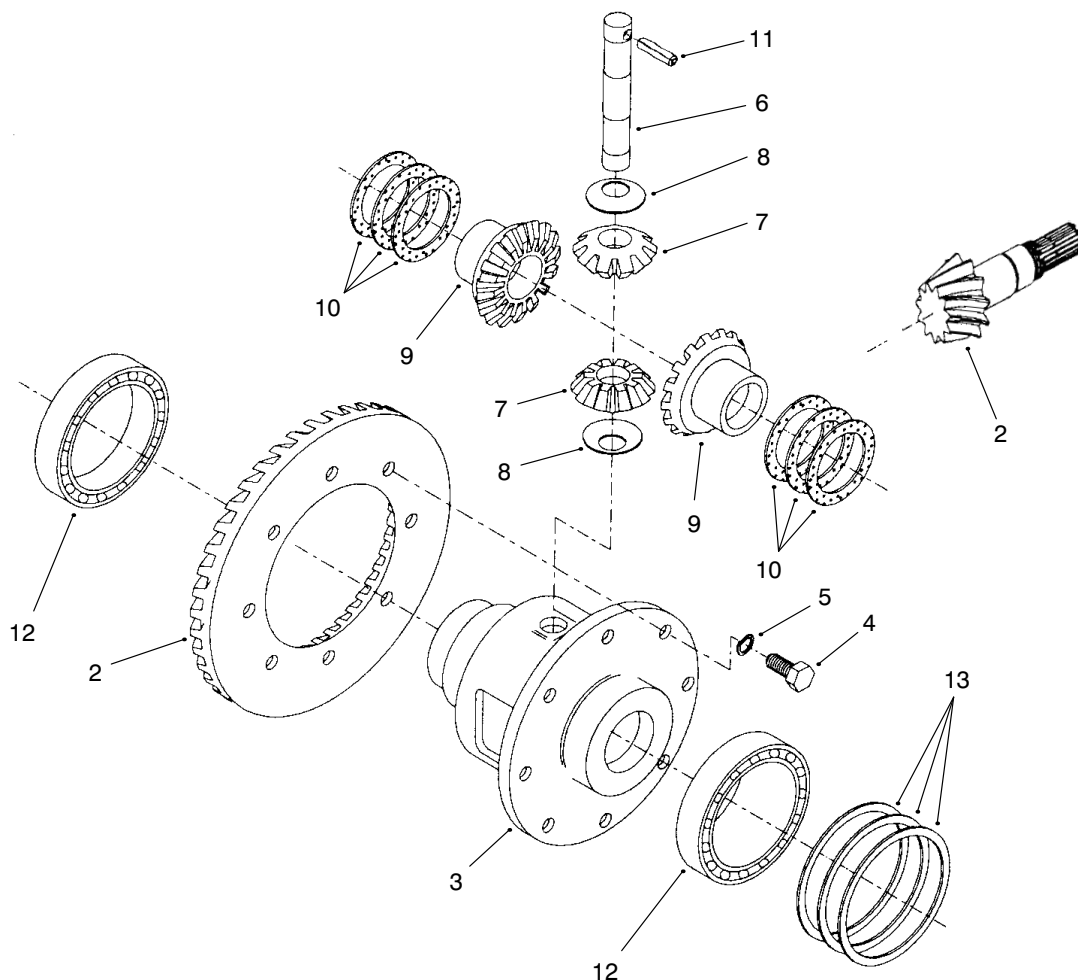
T-3102-1

REAR AXLE ASSEMBLY NO. 95-7501 BEVEL PINION SHAFT ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	99-7575	Bolt	4
2	99-7570	Bearing-Taper Roller	2
3	95-7535	Case-Bearing	1
4	99-7571	O-Ring	1
5	99-7572	Collar-Oil Seal	1
6	99-7573	O-Ring	1

Ref. No.	Part No.	Description	No. Used
7	99-7574	Seal-Oil	1
8	99-7559	Washer-Lock	1
9	99-7560	Nut-Lock	1
10	99-7550	Shim-0.1	2
*	99-7551	Shim-0.2	2

* Not Illustrated



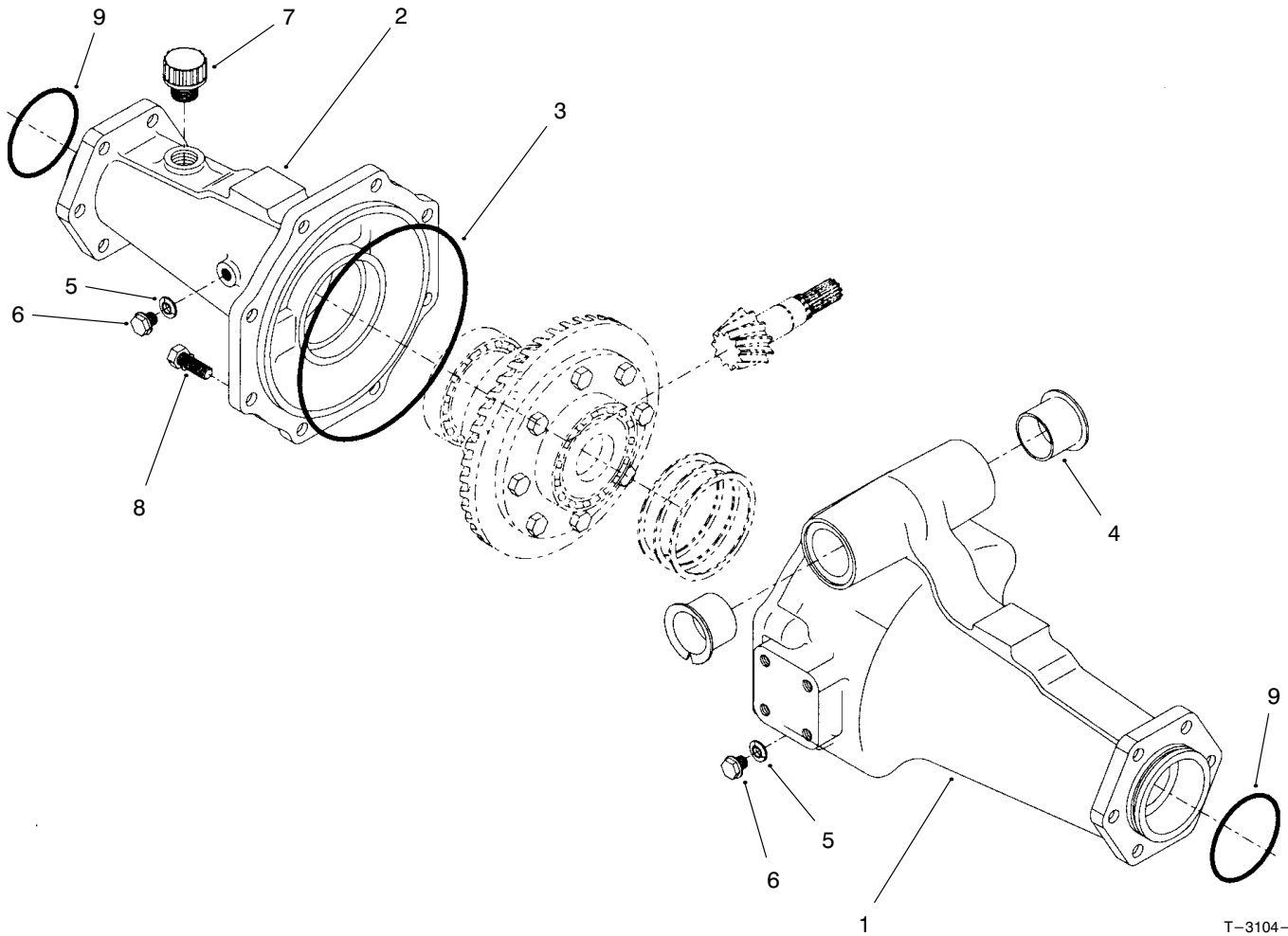
T-3103-1

REAR AXLE ASSEMBLY NO. 95-7501 (Continued) DIFFERENTIAL ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	95-7503	Asm-Differential (Incl. Ref. #2-11)	1	9	99-7581	Gear-Differential, Side	2
2	100-2555	Ring & Pinion Matched Set	1	10	99-7582	Washer-Differential	2
3	95-7502	Case-Differential	1	*	99-7583	Washer-Differential	2
4	99-7576	Bolt	8	*	99-7584	Washer-Differential	2
5	99-7577	Washer-Spring	8	11	99-7588	Pin-Spring	1
6	99-7578	Shaft-Differential Pinion	1	12	99-7562	Bearing-Ball	2
7	99-7579	Pinion-Differential	2	13	99-7585	Shim-0.1	2
8	99-7580	Washer-Differential Pinion	2	*	99-7586	Shim-0.2	2
				*	99-7587	Shim-0.4	2

* Not Illustrated

3323-224

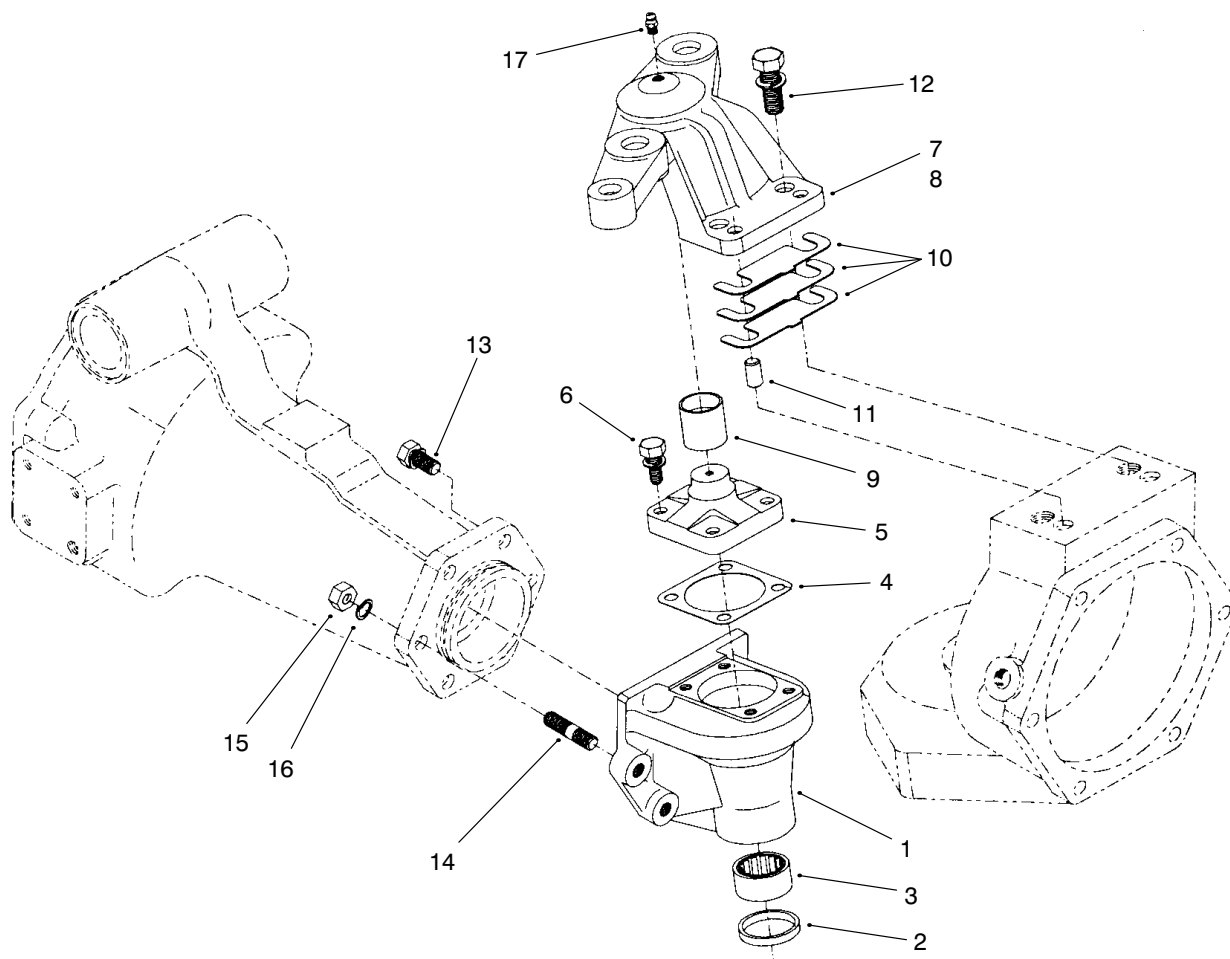


T-3104-1

REAR AXLE ASSEMBLY NO. 95-7501 (Continued) AXLE SUPPORT ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	95-7508	Support #1-Axle	1
2	95-7506	Support #2-Axle	1
3	95-7507	O-Ring	1
4	95-7537	Bushing-Flange	2
5	99-7589	Plug	2

Ref. No.	Part No.	Description	No. Used
6	99-7590	Washer-Seal	2
7	99-7591	Asm-Oil Plug	1
8	99-7592	Bolt	8
9	99-7593	O-Ring	2

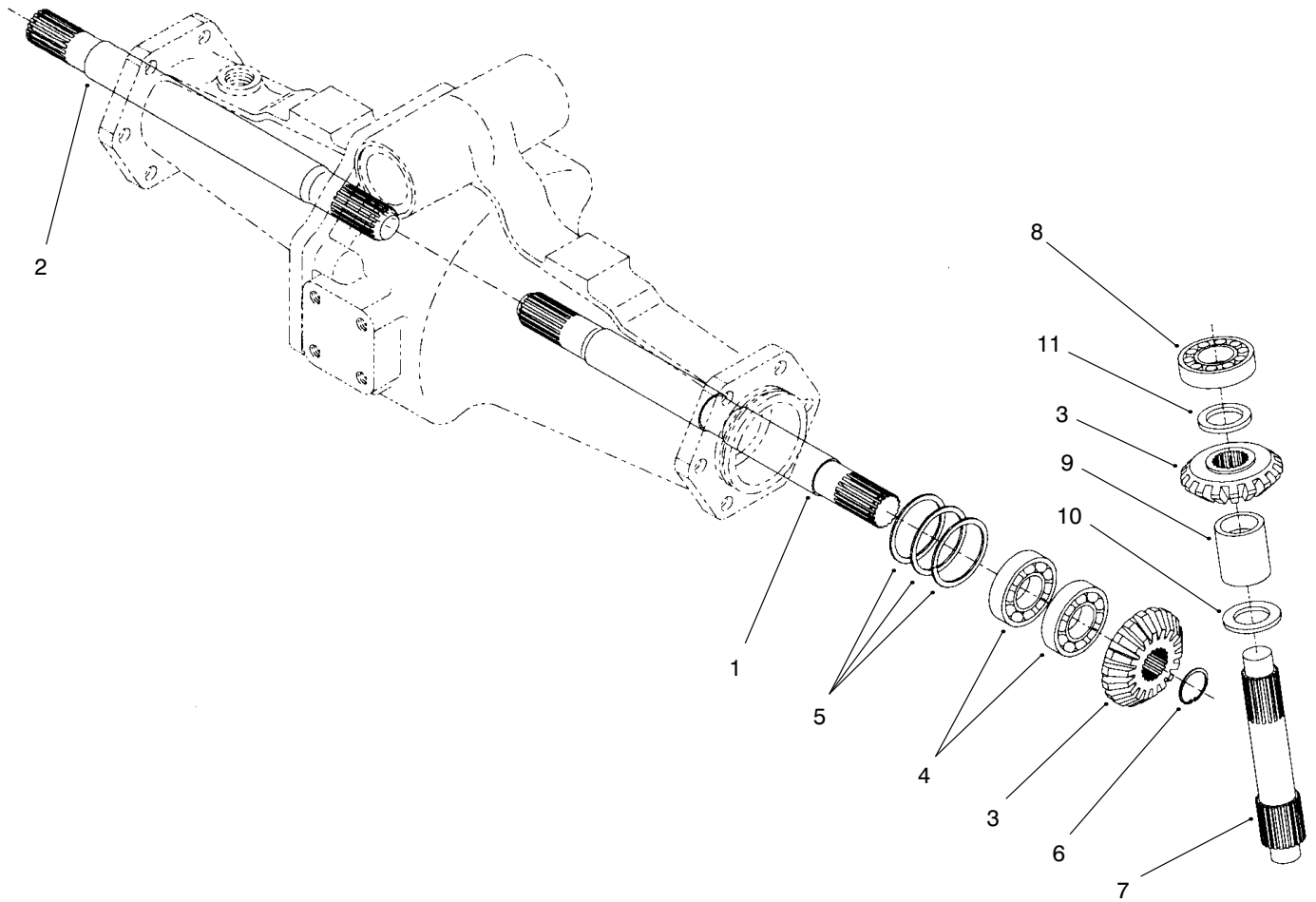


T-3105-1

REAR AXLE ASSEMBLY NO. 95-7501 (Continued) BEVEL GEAR CASE ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	95-7539	Case-Bevel Gear	2	10	95-7547	Shim-0.1	2
2	99-7594	Seal-Oil	2	*	95-7548	Shim-0.2	2
3	99-7595	Bearing-Needle	2	*	95-7549	Shim-0.4	2
4	95-7511	Gasket	2	11	99-7597	Pin-Straight	4
5	95-7510	Pin-Knuckle	2	12	99-7598	Bolt	4
6	99-7596	Bolt	8	13	99-7599	Bolt	8
7	95-7514	Support-Axle Case, LH	1	14	99-7525	Stud	4
8	95-7516	Support-Axle Case, RH	1	15	99-7526	Nut	4
9	99-7529	Bushing	2	16	99-7527	Washer-Spring	4
				17	99-7528	Nipple-Grease	2

* Not Illustrated



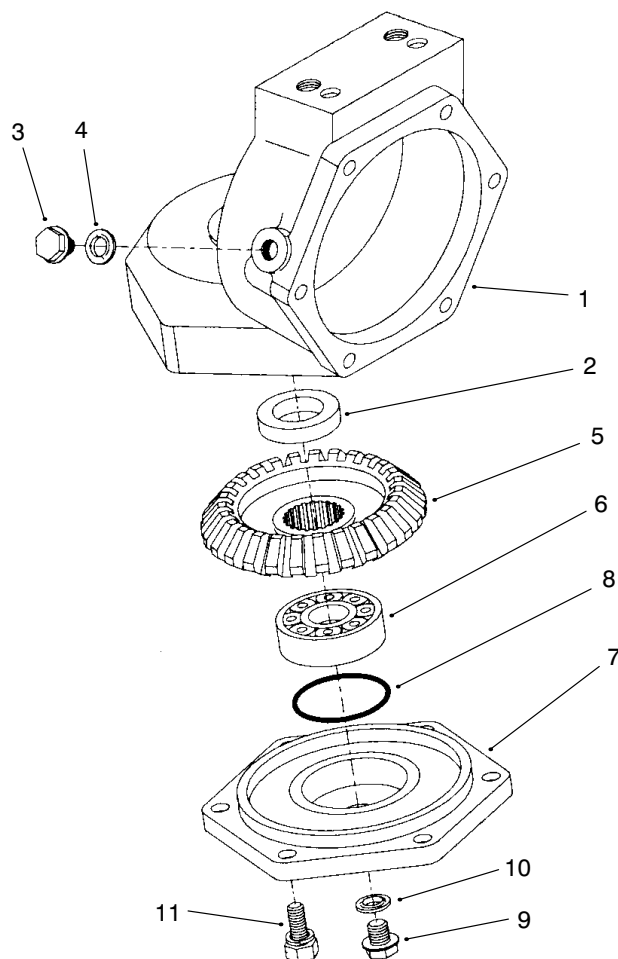
T-3106-1

REAR AXLE ASSEMBLY NO. 95-7501 (Continued) BEVEL GEAR SHAFT ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	95-7509	Shaft-Differential Gear, LH	1
2	95-7512	Shaft-Differential Gear, RH	1
3	95-7518	Gear-18 Bevel	4
4	99-7530	Bearing-Ball	4
5	99-7552	Shim-0.1	2
*	99-7553	Shim-0.2	2
*	99-7554	Shim-0.5	2

Ref. No.	Part No.	Description	No. Used
6	99-7531	Clip	2
7	95-7530	Shaft-Bevel Gear	2
8	99-7532	Bearing-Taper Roller	2
9	95-7543	Spacer	2
10	99-7533	Collar-Thrust	2
11	99-7558	Collar	2

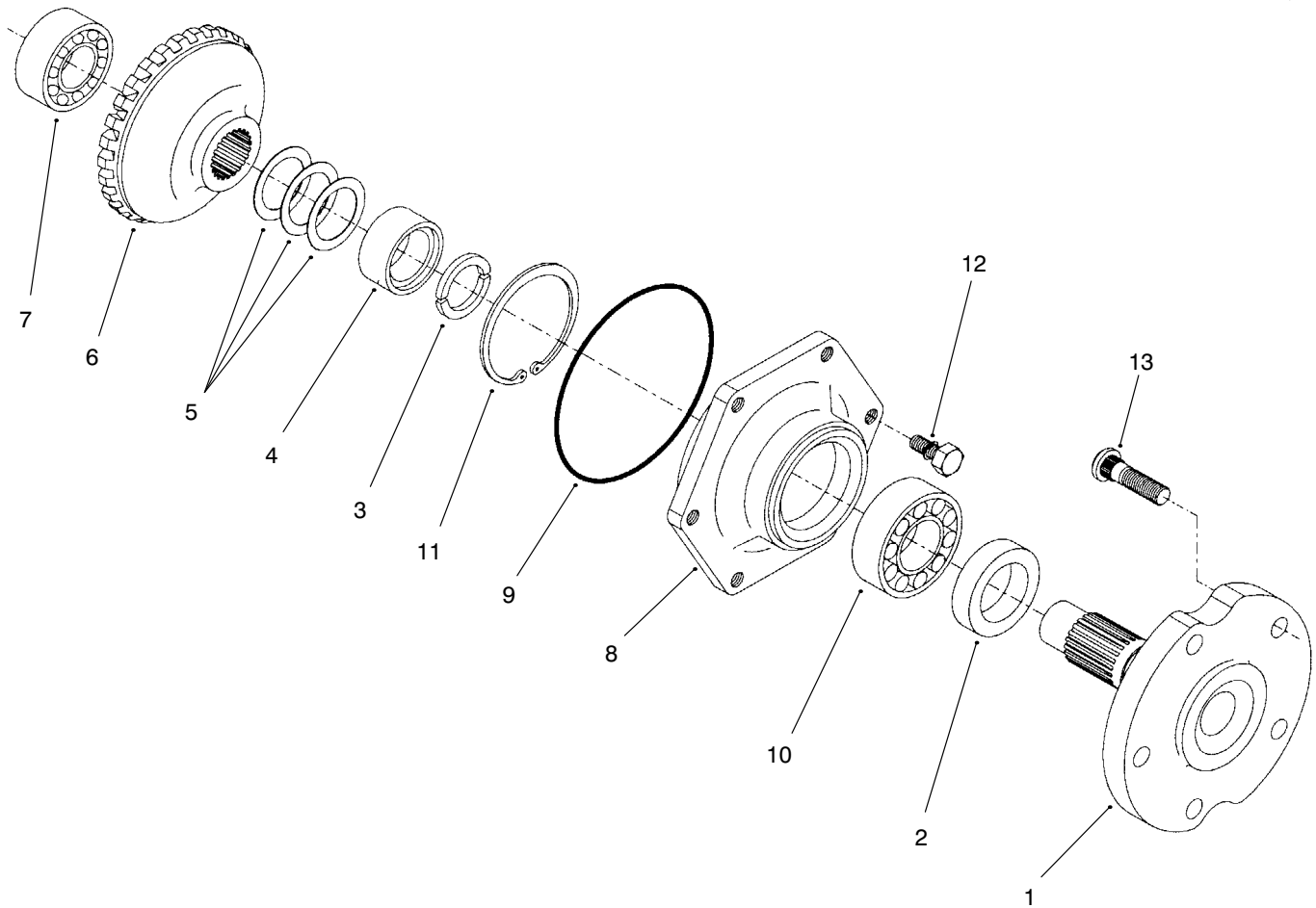
* Not Illustrated



T-3107-1

REAR AXLE ASSEMBLY NO. 95-7501 (Continued) AXLE CASE ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	95-7532	Case-Axle	2	7	95-7526	Cover-Axle	2
2	99-7594	Seal-Oil	2	8	99-7537	O-Ring	2
3	99-7535	Plug	2	9	99-7589	Plug	2
4	99-7536	Washer-Seal	2	10	99-7590	Washer-Seal	2
5	95-7528	Gear-27 Bevel	2	11	99-7596	Bolt	12
6	99-7532	Bearing-Taper Roller	2				



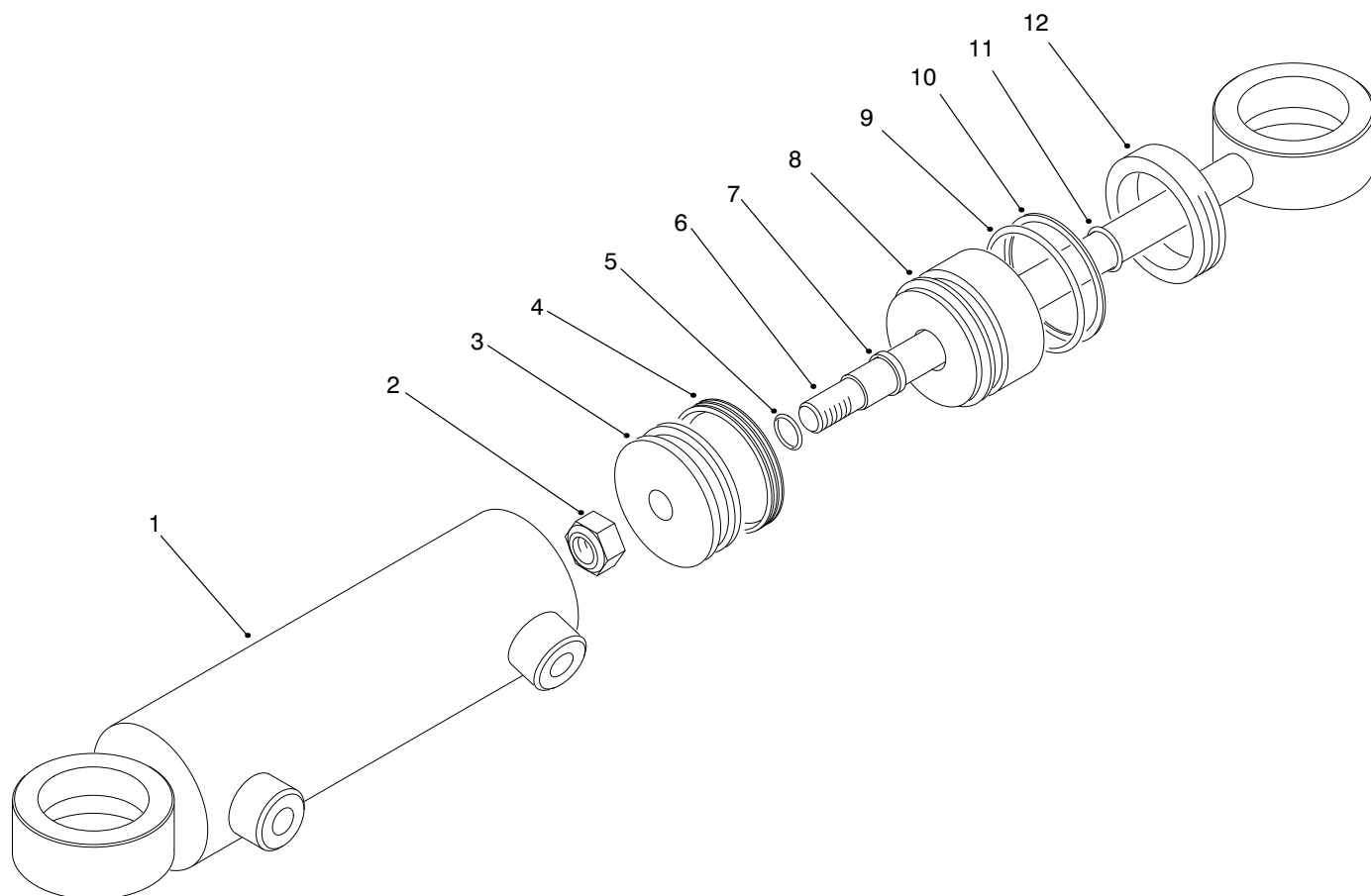
T-3108-1

REAR AXLE ASSEMBLY NO. 95-7501 (Continued) AXLE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	95-7522	Axle	2
2	99-7564	Seal-Oil	2
3	95-7544	Clip	4
4	95-7523	Spacer	2
5	99-7555	Shim-0.3	2
*	99-7556	Shim-0.2	2
*	99-7557	Shim-0.5	2
6	95-7525	Gear-27 Bevel	2

Ref. No.	Part No.	Description	No. Used
7	99-7534	Bearing-Double Ball	2
8	95-7521	Cover-Axle	2
9	99-7538	O-Ring	2
10	99-7561	Bearing-Ball	2
11	99-7539	Clip	2
12	99-7596	Bolt	12
13	99-7563	Stud	10

* Not Illustrated



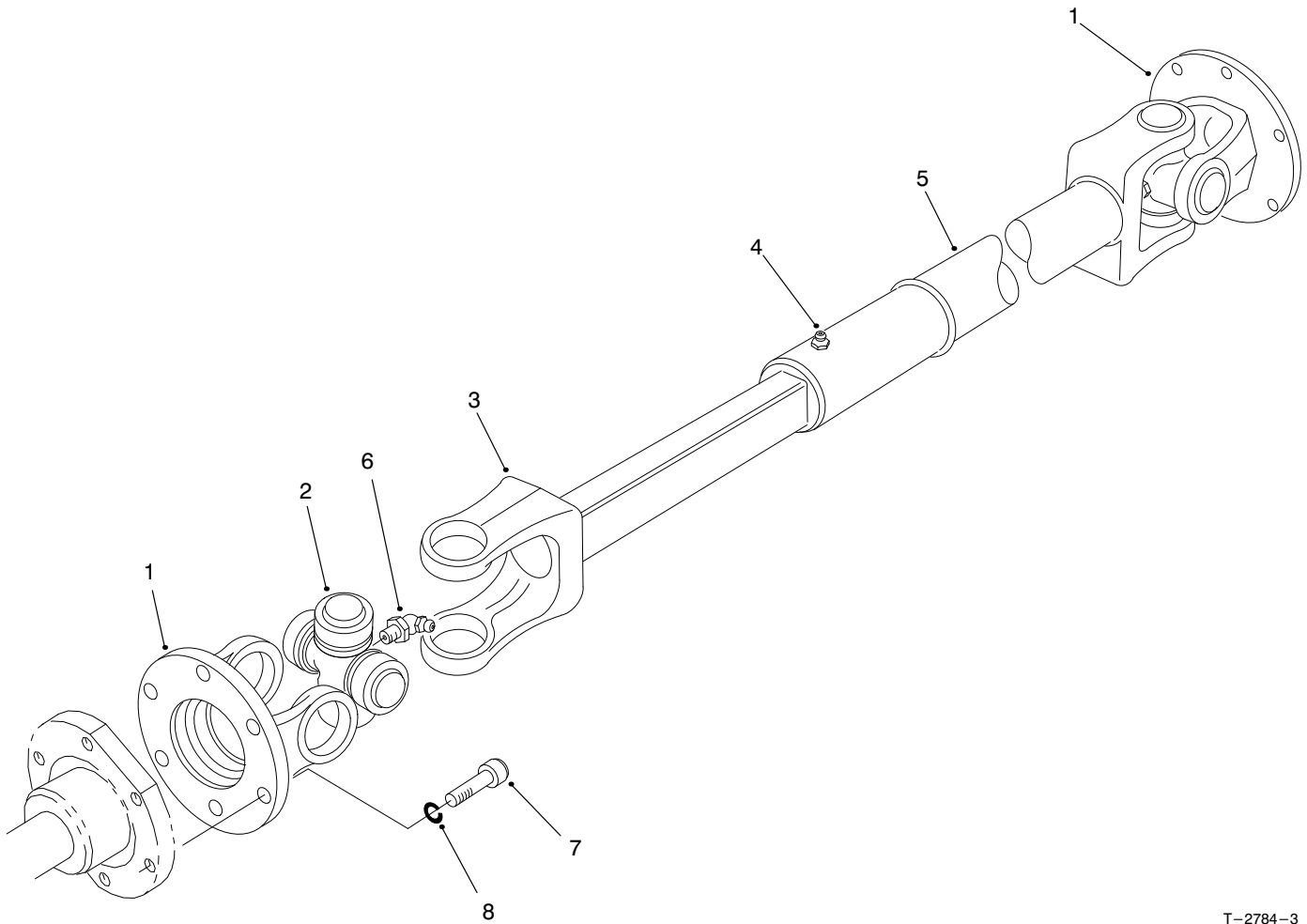
T-3111-1

STEERING CYLINDER NO. 99-2415

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
†1		Asm-Barrel	1	†8		Head	1
2	32152-10	Nut-Lock	1	†9		O-Ring	1
†3		Piston	1	†10		Seal-Backup	1
†4		Uniring	1	†11		Seal-Dust	1
†5		O-Ring	1	†12		Collar-Internal	1
†6		Rod	1	*	86-5390	Kit-Seal Repair (Incl. Ref. #4, 5, 7 & 9-11)	1
†7		Seal-Rod	1				

* Not Illustrated

† Not Serviced Separately



T-2784-3

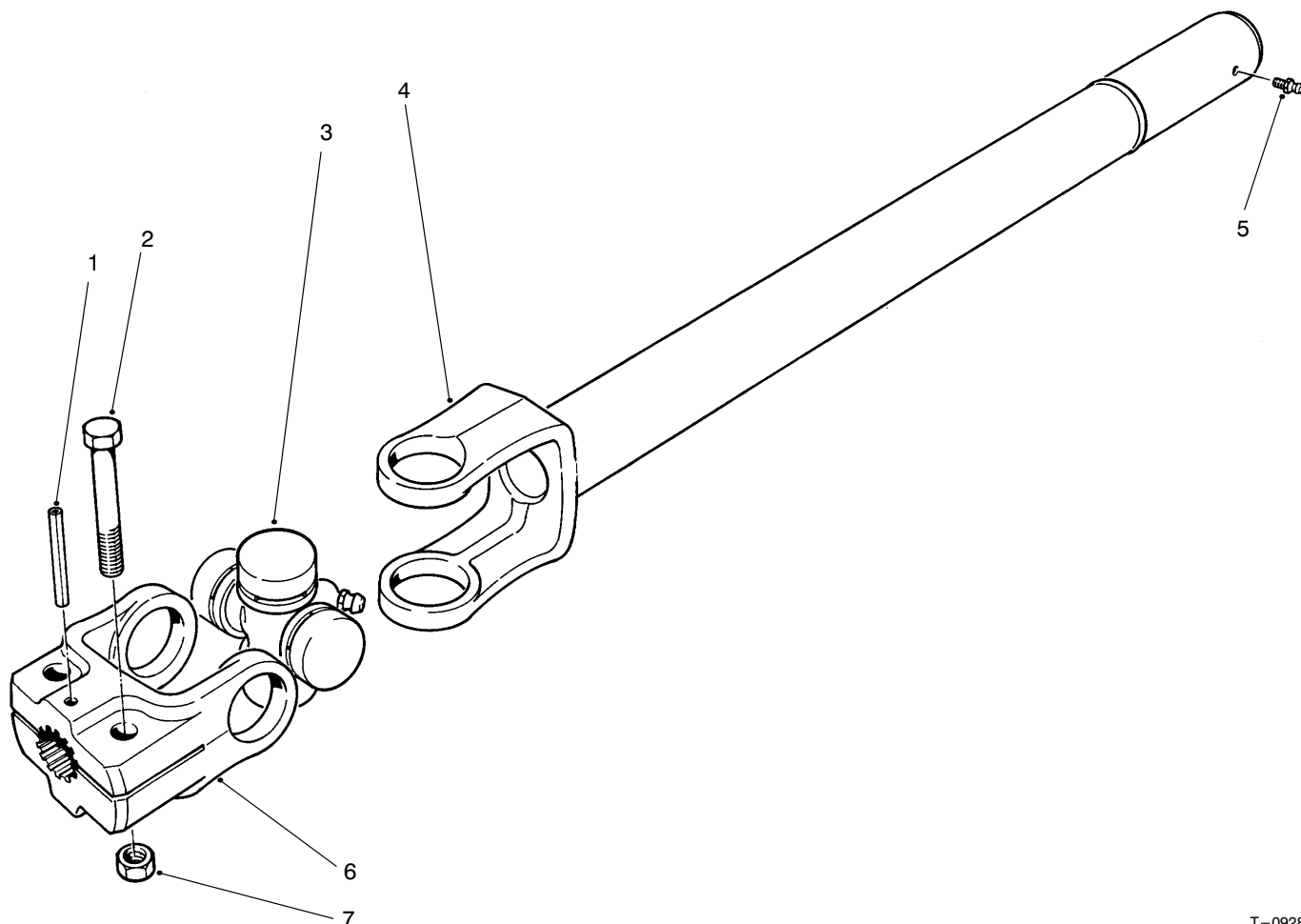
DRIVE SHAFT ASSEMBLY NO. 98-5009

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
6	62-3820	Fitting-Grease 65°	2

Ref. No.	Part No.	Description	No. Used
†7	3274-8	Screw-HFH	6
†8	3253-3	Washer-Lock	6
*	98-5009	Driveshaft (Complete)	1
*	92-5096	Asm-Joint & Shaft (Incl. Ref. #1-3 & 6)	1

* Not Illustrated

† Order item Separately

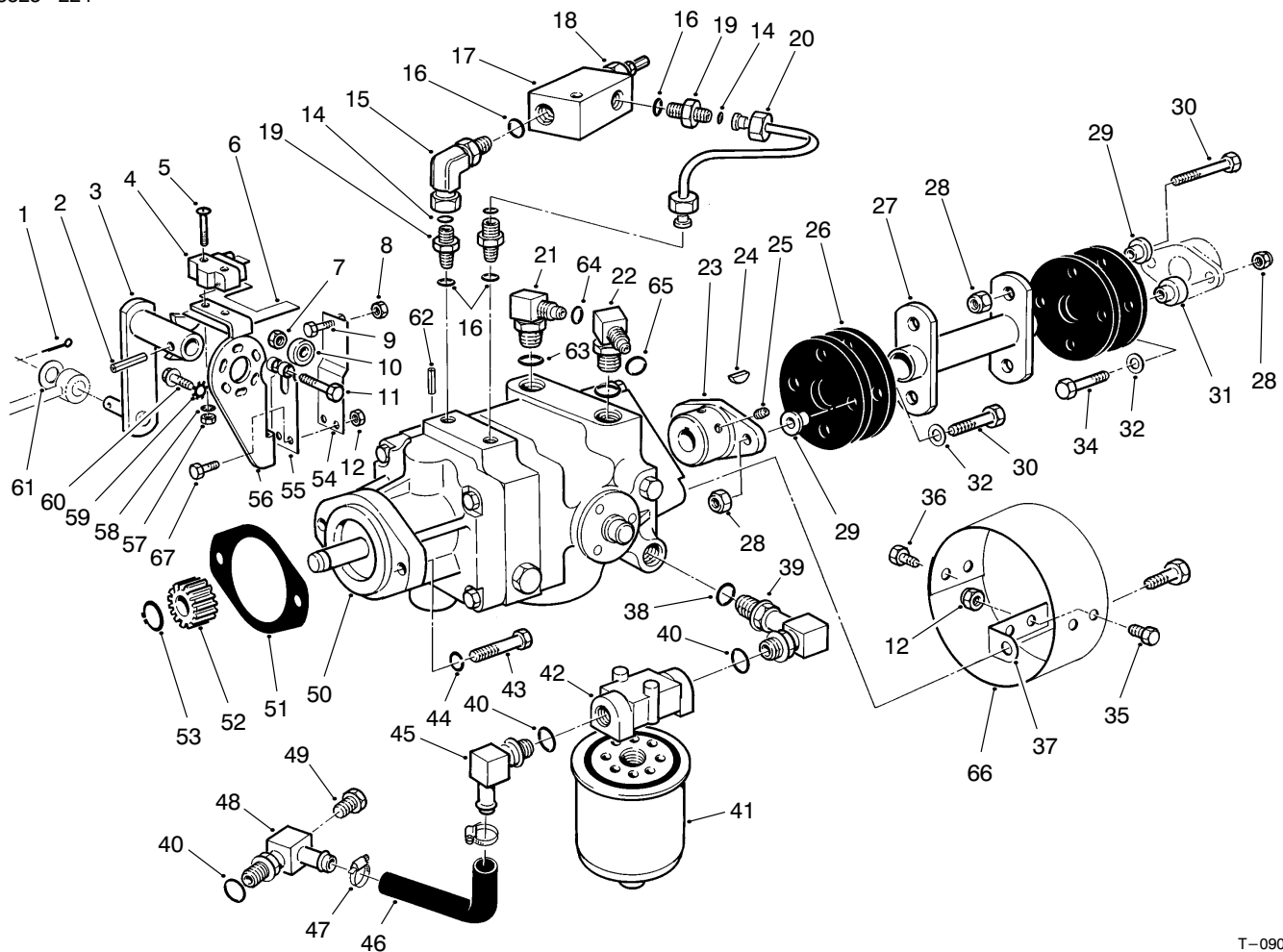


T-0928

DRIVE SHAFT ASSEMBLY NO. 72-3741

Ref. No.	Part No.	Description	No. Used
1	32121-34	Pin-Roll	1
2	323-9	Screw-HH	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



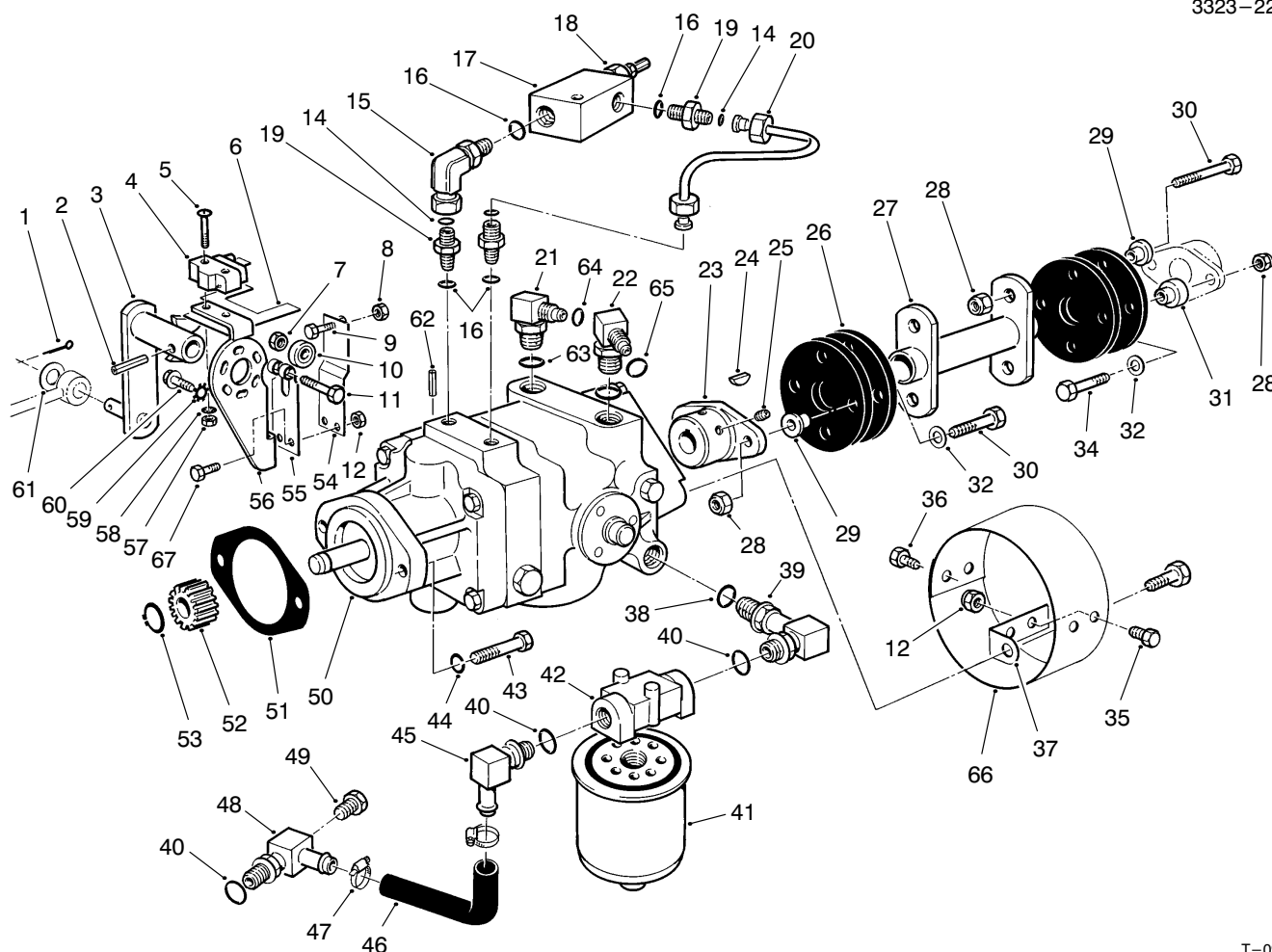
T-0909B

HYDROSTATIC TRANSMISSION

Ref. No.	Part No.	Description	No. Used
1	3272-10	Pin-Cotter	1
2	32121-24	Pin-Roll	1
3	28-9570	Lever-Pump	1
4	29-6163	Switch-Micro	1
5	3249-11	Screw-Mach. Rd. Hd.	2
6	46-8810	Stop-Leaf, Spring	1
7	3296-29	Nut-Lock	1
8	3219-2	Nut-Hex	1
9	3210-7	Screw-HH	1
10	251-259	Bearing-Ball	1
11	322-17	Screw-HH	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	Kit-Seal (Relief Valve)	1
*	72-3540	Valve-Relief Adj. (Incl. Ref.#17 & 18)	1
19	340-92	Adapter-Straight	3
20	72-3550	Asm-Tube	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-HH	6
31	71-4410	Spacer-Coupling, Rubber	2
32	3256-3	Washer-Flat	4
34	322-10	Screw-HH	2
35	321-2	Screw-HH	2
36	321-4	Screw-HH	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-HH	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

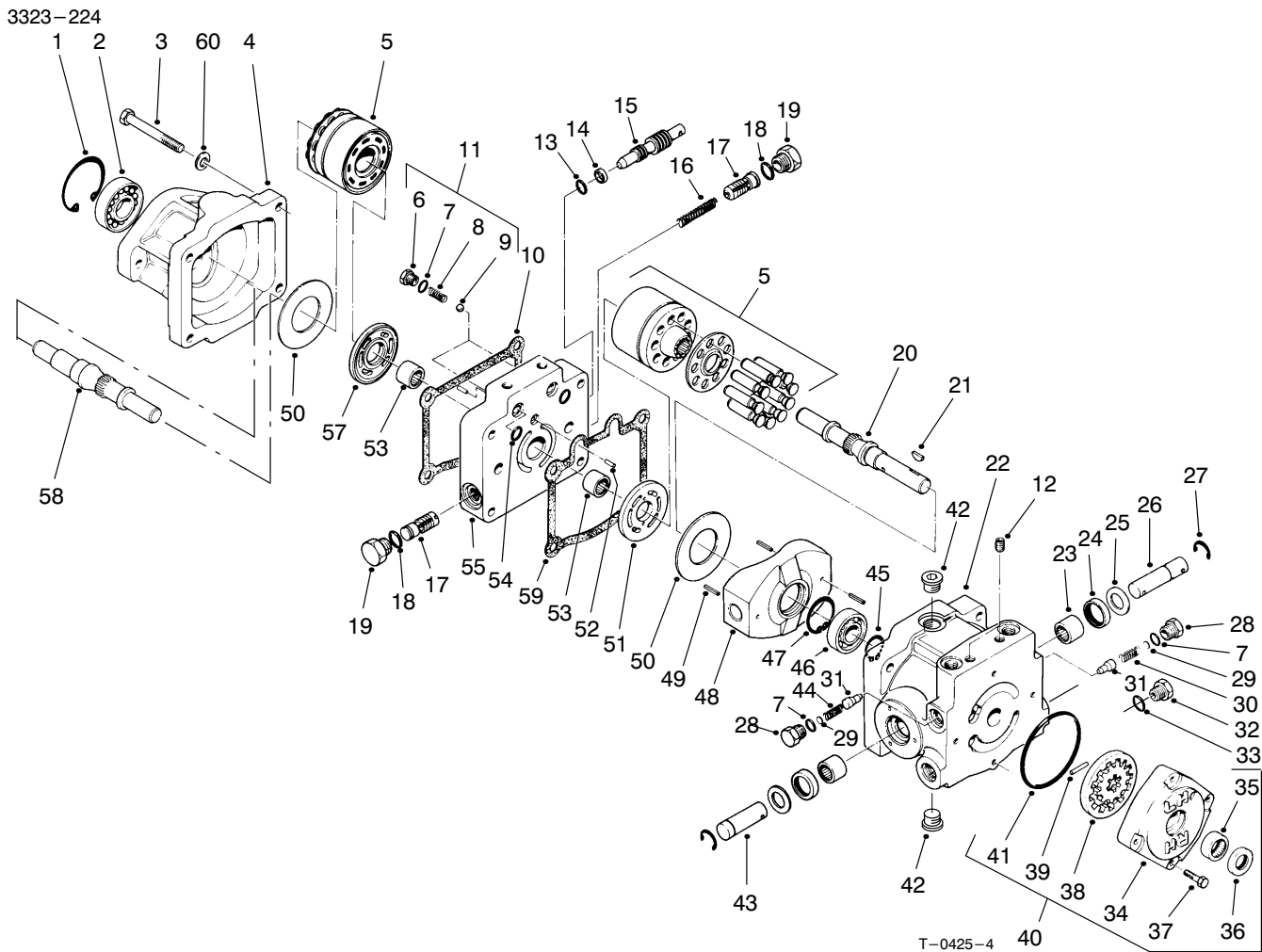
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T-0909B

HYDROSTATIC TRANSMISSION (Continued)

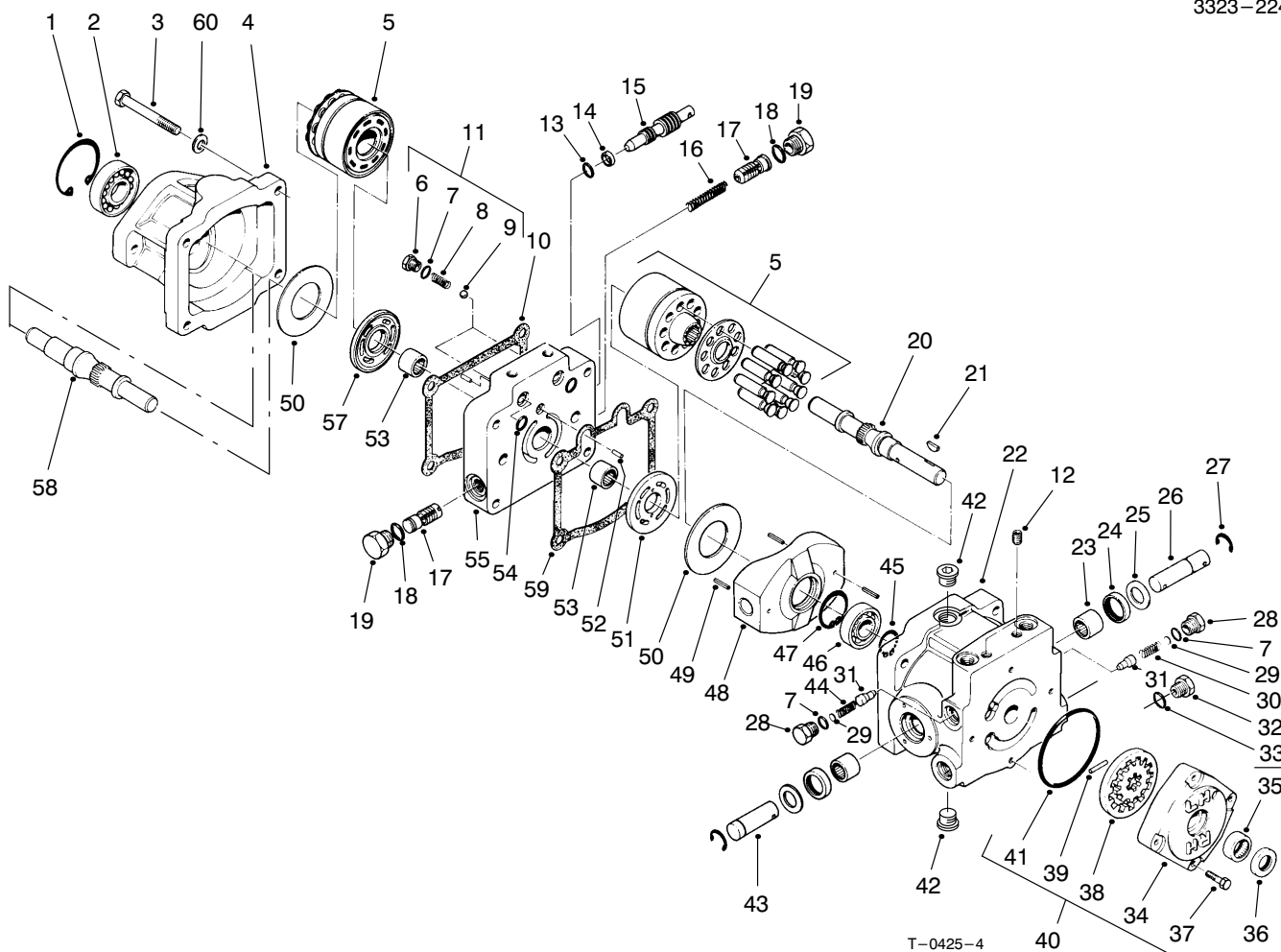
Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
52	86-7220	Gear-Output, Trans.	1	61	3256-6	Washer-Flat	1
53	32120-72	Ring-Retaining	1	62	32121-6	Pin-Roll	1
54	29-6170	Spring-Leaf, Extended	1	63	237-42	O-Ring	2
55	29-6150	Spring-Leaf	1	64	237-22	O-Ring	1
56	29-6120	Plate-Pump	1	65	237-30	O-Ring	1
57	3217-6	Nut-Hex	2	66	54-9300	Cover	1
58	3254-9	Washer-Lock	2	67	321-6	Screw-HH	2
59	3255-7	Washer-Lock	3	*	95-3092	Kit-400 Hour Filter (Incl. Ref. #41)	1
60	49-2040	Screw-Self Tapping	3				



TRANSMISSION ASSEMBLY NO. 92-8947

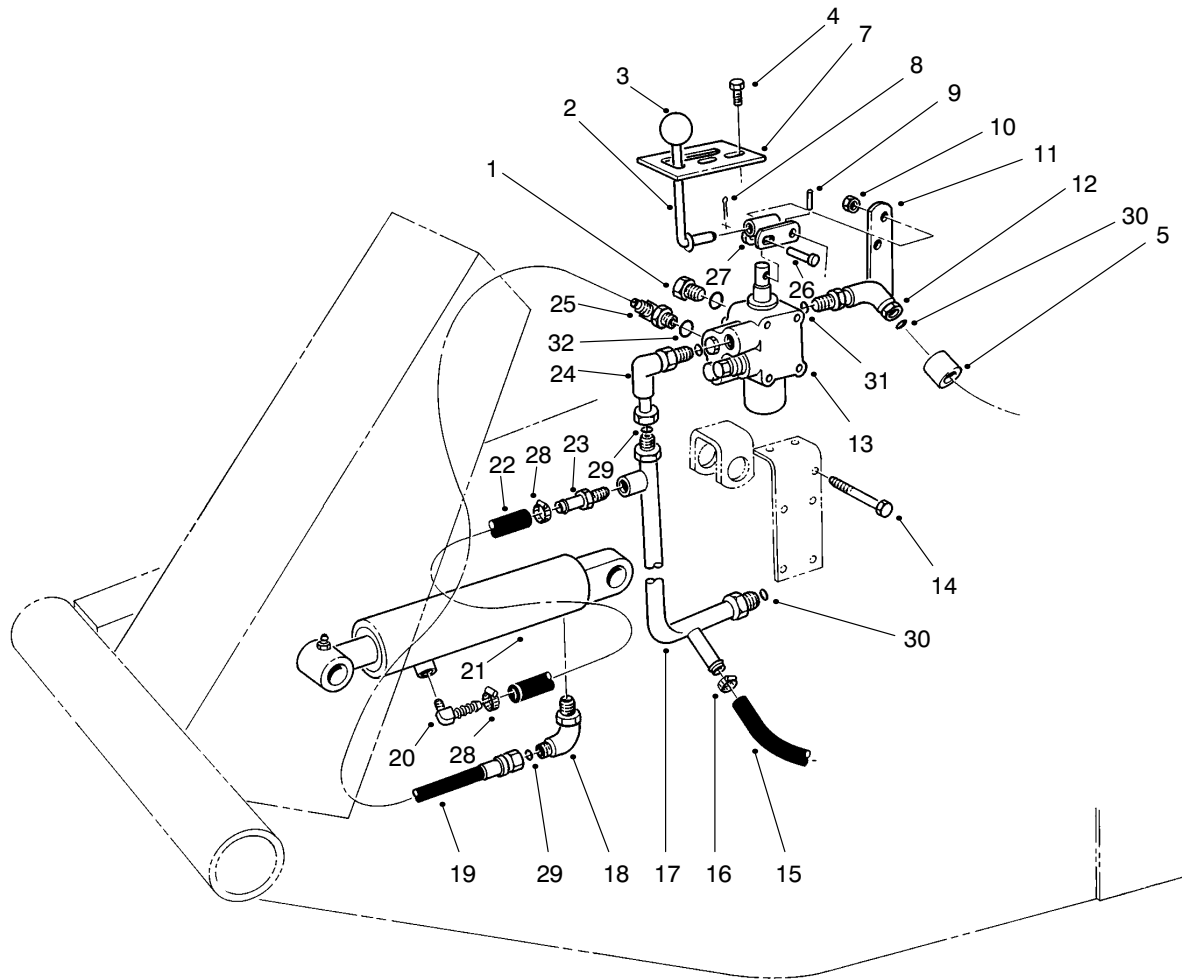
Ref. No.	Part No.	Description	No. Used
1	32120-8	Ring-Retaining	1
2	72-3750	Bearing-Ball	1
3	323-56	Screw-HH	4
4	67-9080	Housing-Motor	1
5	48-1800	Kit-Cylinder Block	1
6	25-2650	Check Valve Plug	2
7	237-86	O-Ring	4
8	25-2640	Valve Spring	2
9	25-2490	Ball	2
10	67-9100	Gasket	1
11	25-3180	Kit-Check Valve (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	Asm-Accel. Valve	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-HH	4
38	25-2680	Asm-Gerotor	1
39	25-2530	Headless Straight Pin	1
40	25-3190	Charge Pump (Incl. Ref. #34-39 & 41)	1
41	237-95	O-Ring	1
42	67-9090	Plug	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	Ref. No.	Part No.	Description	No. Used
50	25-2380	Thrust Plate	2	57	25-2390	Motor Valve Plate	1
51	25-2440	Pump Valve Plate	1	58	46-8410	Motor Shaft	1
52	25-2430	Dowel Pin	2	59	25-2400	Gasket	1
53	46-8400	Bearing-Needle	2	60	93-0312	Washer-Hardened	4
54	93-4132	O-Ring	2	61	92-8776	Plug	4
55	92-8918	Center Section	1	62	92-8777	O-Ring	2



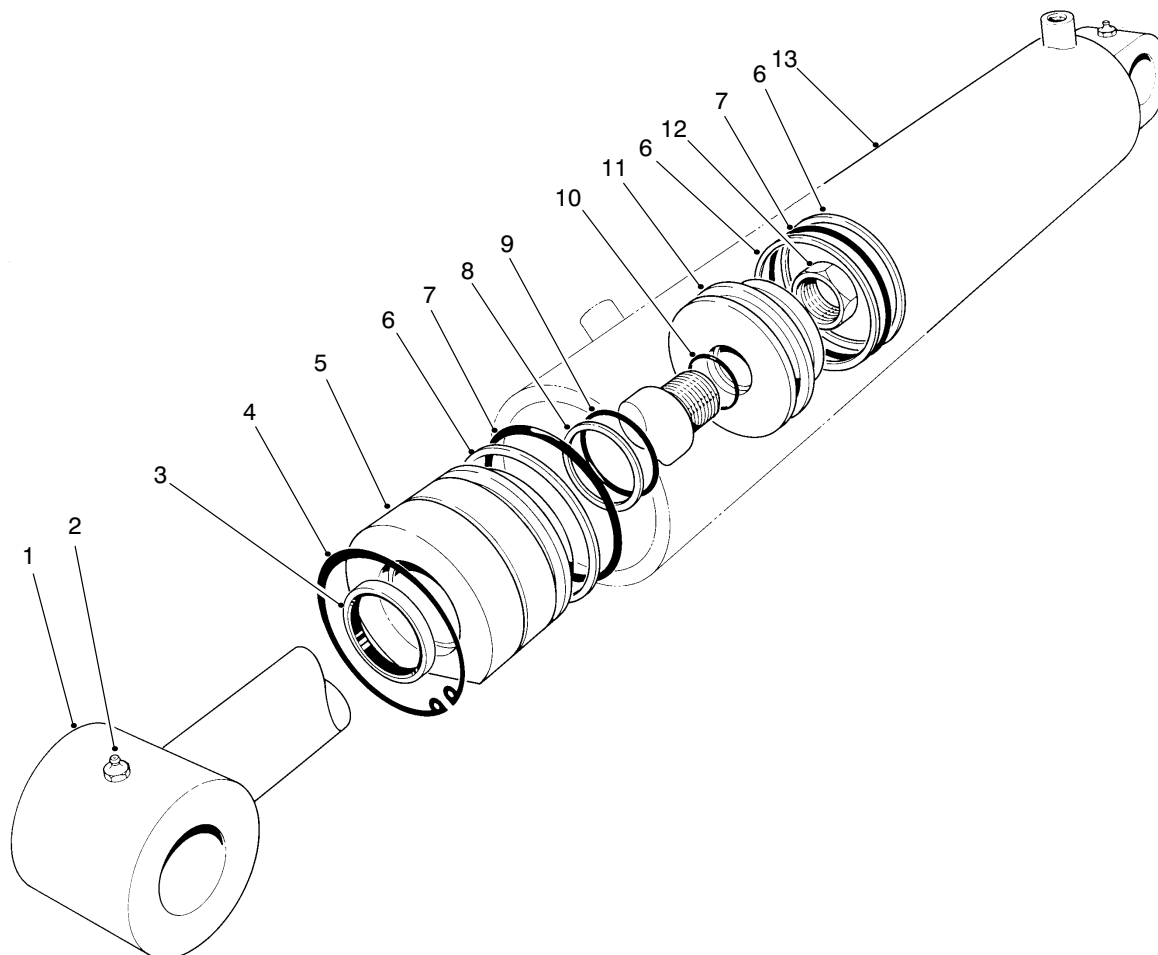
T-0426A

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-HFH	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	Asm-Valve	1
14	321-23	Screw-HH	5
15	63-8990	Hose	1
16	2412-36	Clamp Hose	1
17	63-9260	Manifold-Valve	1
18	340-112	Elbow-90°	1

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



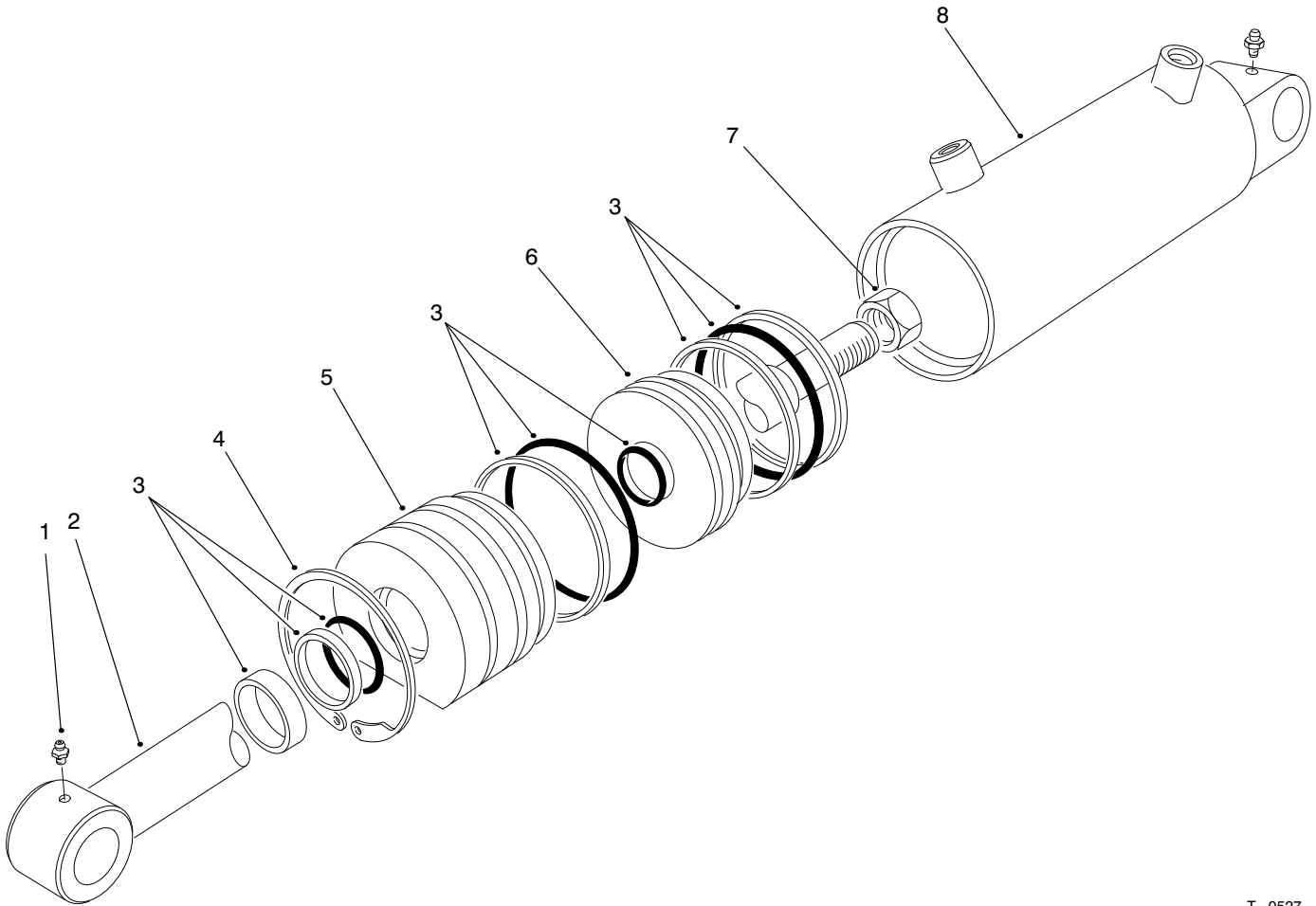
T-0859

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

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

* Not Illustrated

† Not Available Separately



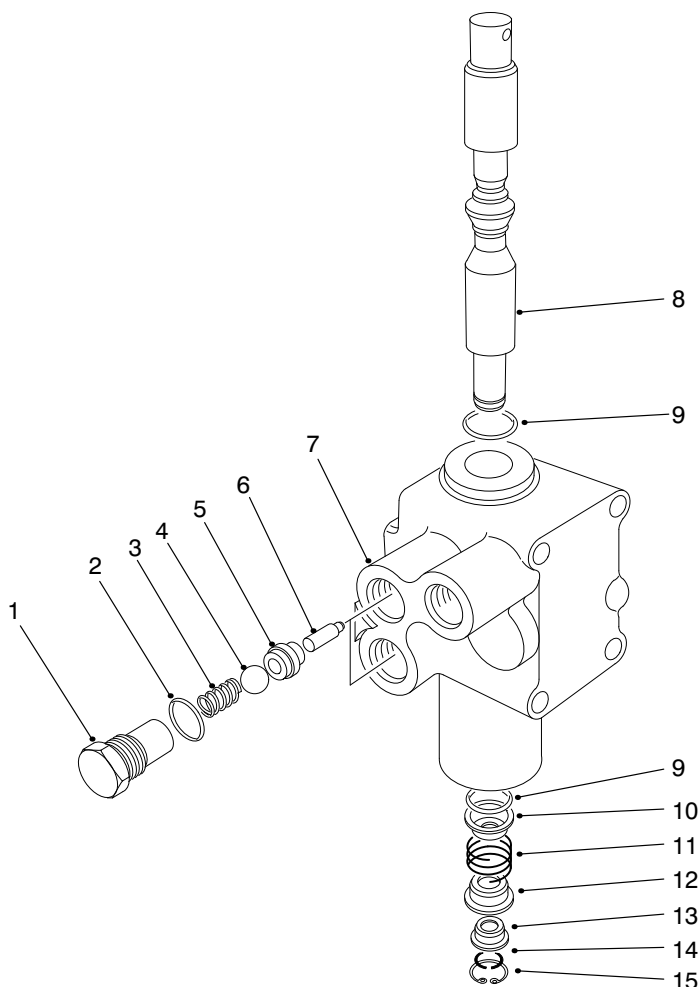
T-0527

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	Kit-Repair	1
4	67-5470	Ring-Retaining	1

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

* Not Available Separately

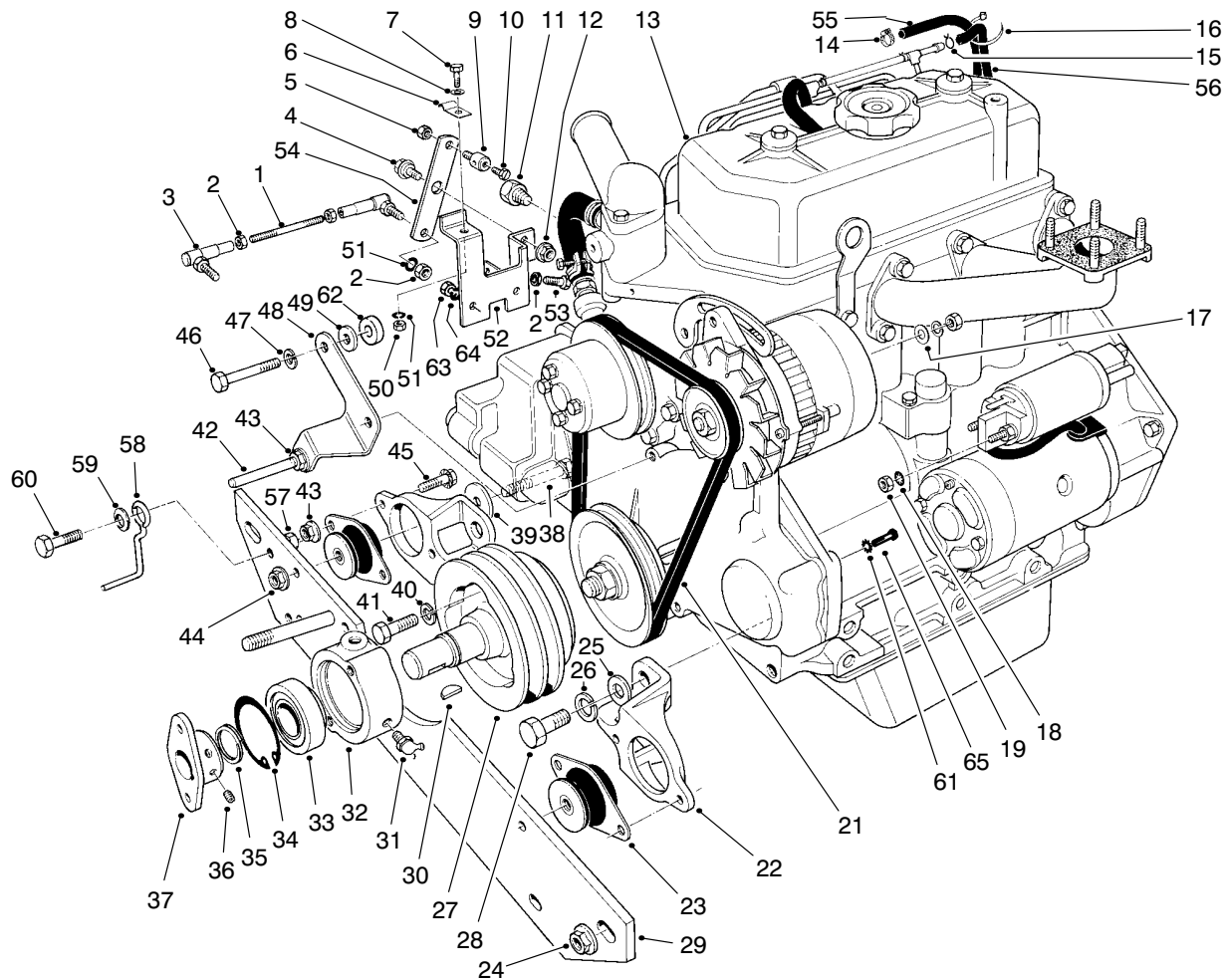


T-0428-2

CONTROL VALVE ASSEMBLY NO. 43-1710

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

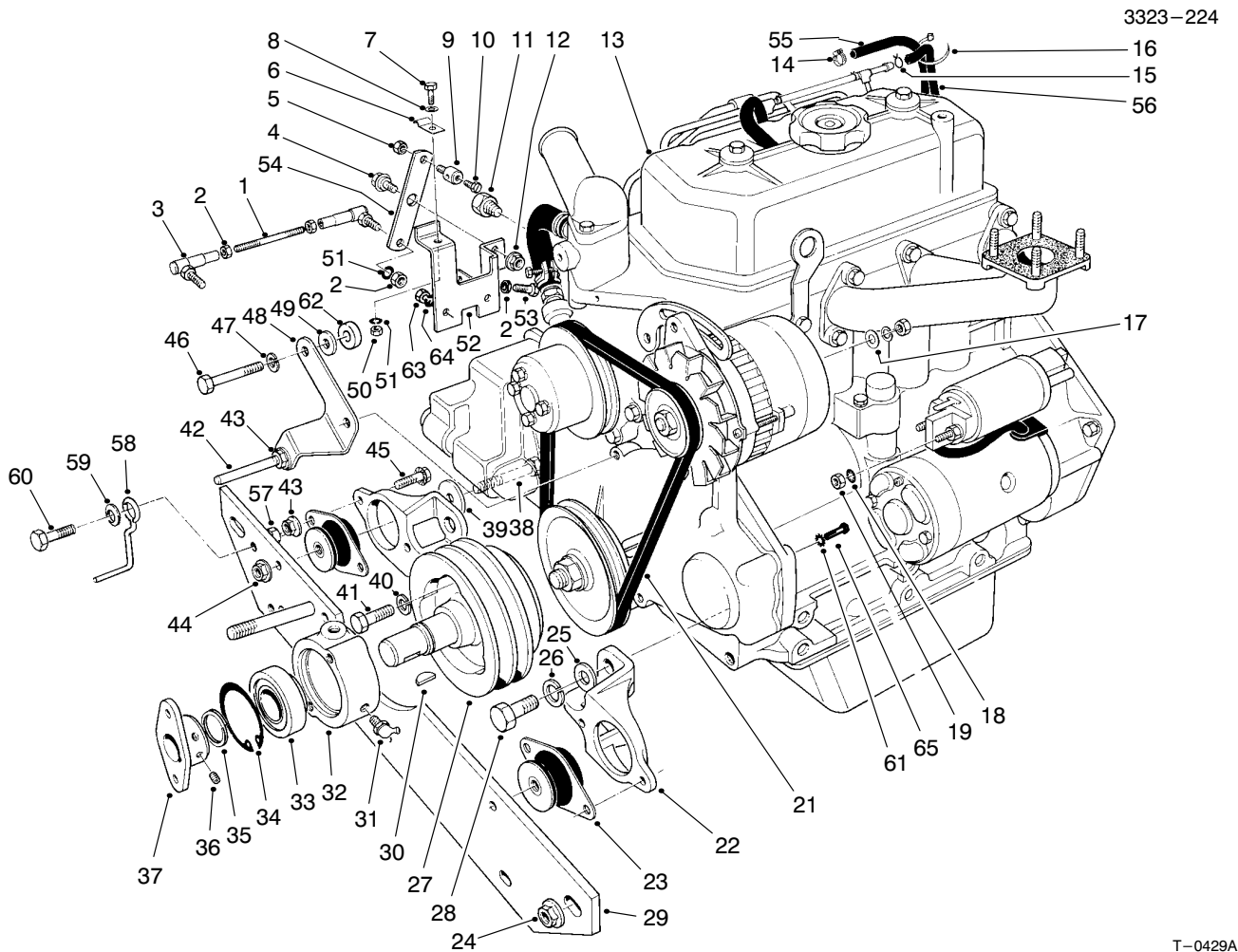
Ref. No.	Part No.	Description	No. Used
9	22-8500	O-Ring	2
10	22-8380	Spring Retainer	1
11	22-8410	Spring	1
12	22-8390	Spring Retainer	1
13	22-8400	Spacer Float	1
14	22-8480	Spring Ring Spool	1
15	22-8490	Snap Ring	1



T-0429A

ENGINE ASSEMBLY

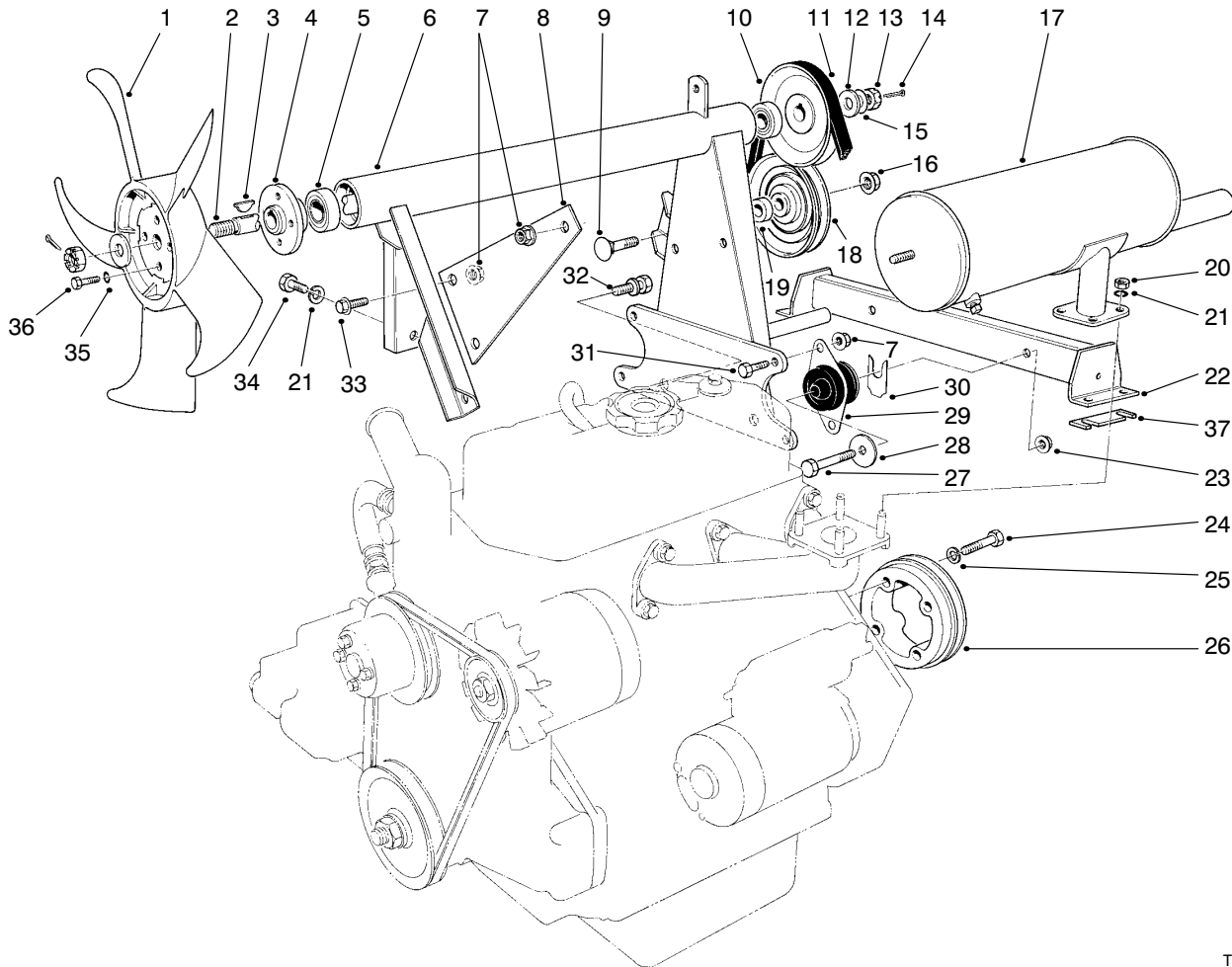
Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	43-3770	Link-Throttle	1	27	43-3510	Pulley-Engine	1
2	3219-1	Nut	5	28	82-5050	Screw-HH	4
3	18-1720	Asm-Ball Joint	2	29	75-9900	Engine Support-Front	1
4	37-8770	Bolt-Shoulder	1	30	3257-33	Key-Woodruff	1
5	3296-20	Nut-Lock	1	31	302-10	Fitting-Grease	1
6	2412-31	Clamp-Bodine	1	32	43-3720	Collar-Bearing	1
7	321-4	Screw-HH	1	33	251-252	Bearing-Ball	1
8	3256-22	Washer-Flat	1	34	32120-22	Ring-Retaining Internal	1
9	43-3780	Swivel-Throttle Control	1	35	32120-69	Ring-Retaining External	1
10	25-8640	Screw-Machine	1	36	3241-5	Screw-Set Socket Head	2
11	43-1940	Adapter-Temp. Gauge	1	37	27-1960	Hub-Engine	1
12	32152-1	Nut-HFH	1	38	324-12	Screw-HH	2
13	94-9160	Engine	1	39	53-9480	Washer	2
14	2412-108	Clamp-Worm Drive	1	40	48-9590	Washer-Lock	3
15	2412-79	Clamp	1	41	43-3190	Screw-HH	3
16	3290-379	Cable Tie	1	42	21-1820	Stud-Belt Retainer	2
17	5-3637	Washer	1	43	3290-357	Nut-HFH	7
18	3254-2	Washer-Lock	2	44	32128-37	Nut-HFH	2
19	33014-00	Nut-Hex.	1	45	3234-11	Screw-HH	4
21	42-9100	Belt-Fan	1	46	42-9510	Screw-HH	2
22	53-9710	Engine Mount	2	47	3253-4	Washer-Lock	2
23	53-9680	Engine Mount-Rubber	2	48	43-3790	Bracket-Belt Guide	1
24	32128-23	Nut-HFH	2	49	4-2390	Washer	2
25	3256-64	Washer-Flat	4	50	3217-5	Nut	1
26	43-5950	Washer-Lock	4	51	3253-3	Washer-Lock	3



ENGINE ASSEMBLY (Continued)

T-0429A

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
52	43-3730	Bracket Throttle Control	1	59	3290-224	Washer-Lock	1
53	329-7	Screw-HH	1	60	3234-18	Screw-HH	1
54	43-3760	Lever-Throttle	1	61	3254-2	Washer-Lock	1
55	47-7420	Hose	1	62	5-0652	Spacer	2
56	43-4230	Hose	1	63	33113-020	Screw-HH	2
57	32153-2	Nut-Lock	1	64	43-5930	Washer-Lock	2
58	63-1400	Belt Guide	1	65	66-3160	Screw	1

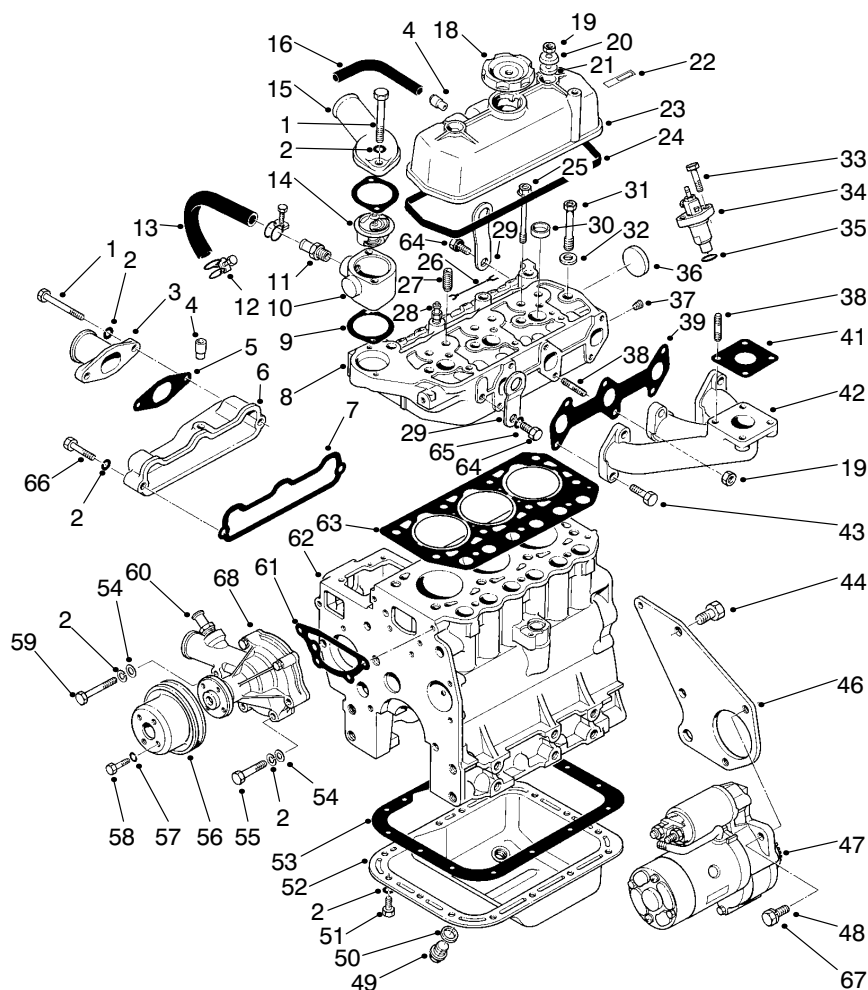


T-0430A

ENGINE ASSEMBLY (Continued)

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

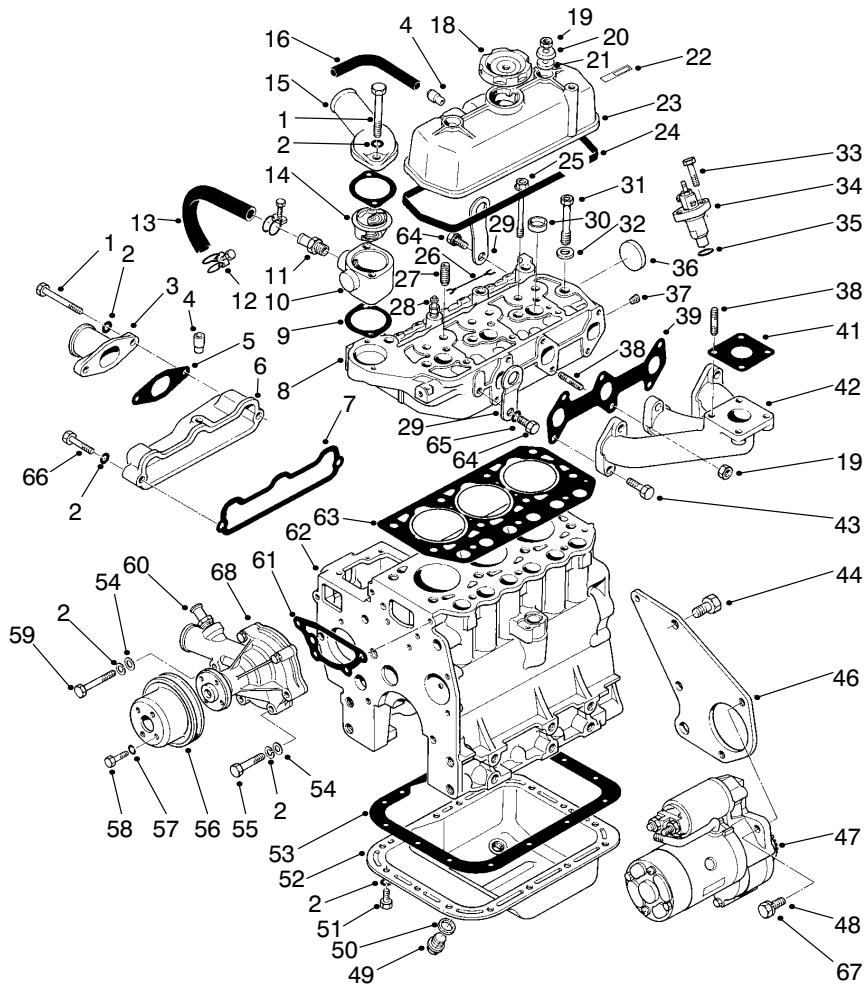
* Not Illustrated



T-0431A

ENGINE ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	42-9310	Screw-HH	4	27	42-7460	Guide-Valve	6
2	42-9850	Washer-Lock	24	28	42-7480	Glow Plug	3
3	42-9150	Pipe Inlet	1	29	42-7440	Hanger-Engine	2
4	42-7510	Pipe	2	30	42-7080	Cap-Sealing	3
5	42-9160	Gasket-Inlet Pipe	1	31	42-9320	Bolt-Cylinder Head	8
6	42-9120	Asm-Intake Manifold	1	32	42-9790	Washer-Head Bolt	8
7	42-9140	Gasket-Intake Manifold	1	33	42-9390	Bolt	6
8	93-1369	Asm-Head, Cylinder	1	34	44-8070	Asm-Nozzle & Holder	3
9	42-7550	Gasket	2	35	42-8120	Gasket-Nozzle Holder	3
10	43-1790	Fitting-Thermostat	1	36	42-7090	Cap-Sealing	1
11	42-7740	Nipple-Hose	1	37	67-2570	Plug-Taper 1/8	1
12	43-3140	Clamp-Hose	2	38	42-9570	Stud	5
13	43-3130	Hose-Water (Incl. Ref. #12)	1	39	42-9170	Gasket-Exhaust Manifold	1
14	93-3524	Thermostat	1	41	42-9110	Gasket	1
15	42-7540	Fitting-Water Outlet	1	42	43-1870	Manifold-Exhaust	1
16	93-3685	Pipe-Air Breather	1	43	42-9520	Screw-HH	5
18	42-7420	Cap-Oil Filter	1	44	42-9240	Screw-HH	3
19	33014-00	Nut-Hex.	3	46	43-1770	Plate-Rear	1
20	42-9800	Washer	2	47	46-7610	Asm-Starter	1
21	42-7490	Seal-Oil	2	48	43-0090	Screw-HH	2
22	42-7530	Label-Engine No.	1	49	42-9260	Plug-Oil Drain	1
23	42-7500	Asm-Cover, Rocker	1	50	42-7290	Gasket-Oil Drain Plug	1
24	42-7520	Gasket-Rocker Cover	1	51	33114-016	Screw-Cap	15
25	93-3180	Bolt-Cylinder Head	3	52	42-7280	Asm-Oil Pan (Incl. Ref. #49 & 50)	1
26	42-9180	Wire-Glow Plug Lead	2	53	42-7300	Gasket-Oil Pan	1

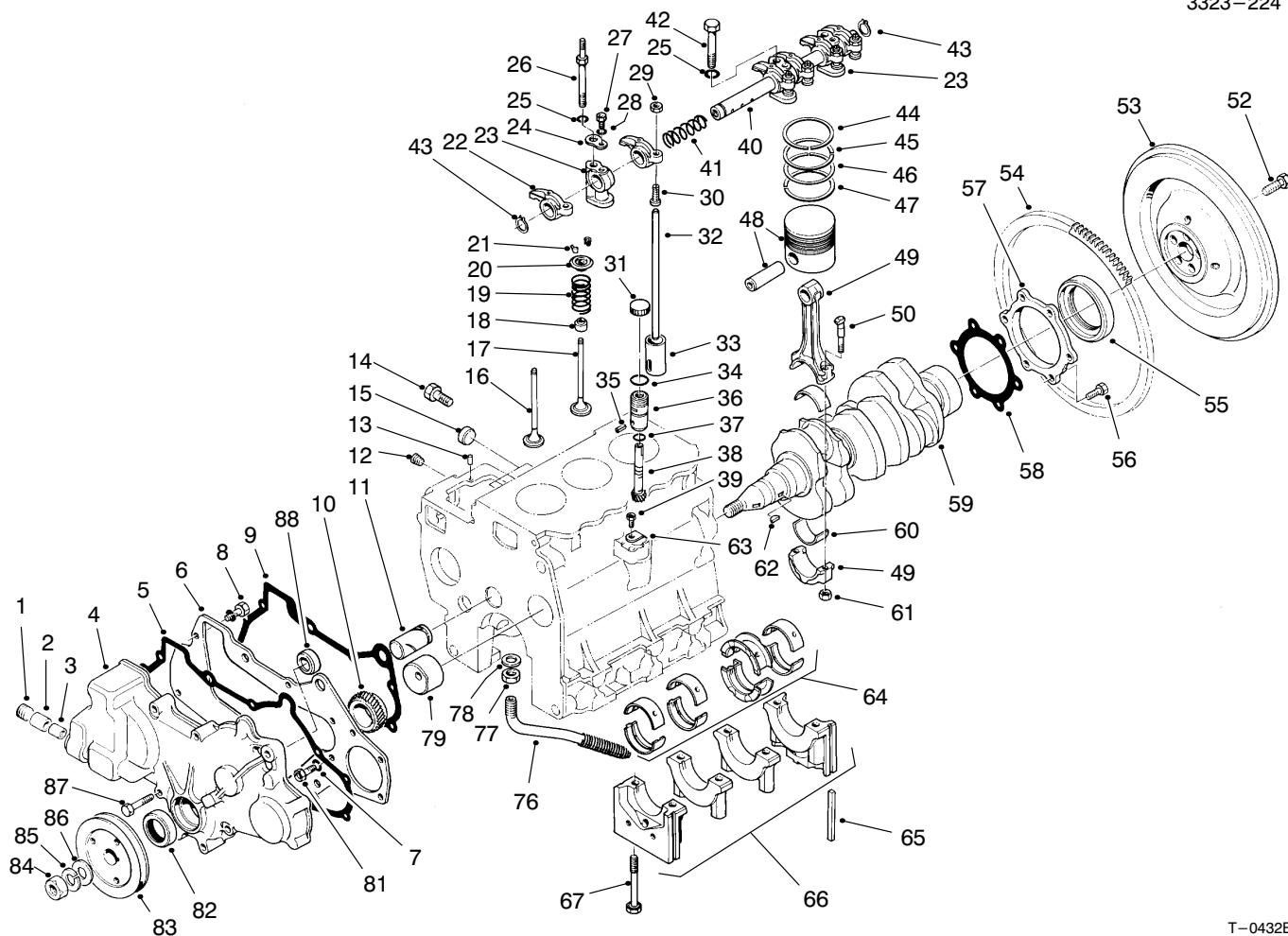


T-0431A

ENGINE ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
54	42-9660	Washer-Plain	4	62	48-2020	Sub Asm-Cylinder Block	1
55	42-9500	Screw-HH	3	63	42-7470	Gasket-Cylinder Head	1
56	42-9070	Pulley-Water Pump	1	64	42-9300	Screw-HH	2
57	43-5930	Washer-Lock	4	65	48-9590	Washer-Lock	2
58	42-9490	Screw-HH	4	66	42-9530	Screw-HH	1
59	33114-060	Screw-HH	1	67	48-9590	Washer-Lock	2
60	42-9080	Asm-Water Pump	1	68	93-3656	Gasket-Pump, Water	1
61	42-9090	Gasket-Water Pump	1	*	42-9200	Complete Gasket Set	1

* Not Illustrated

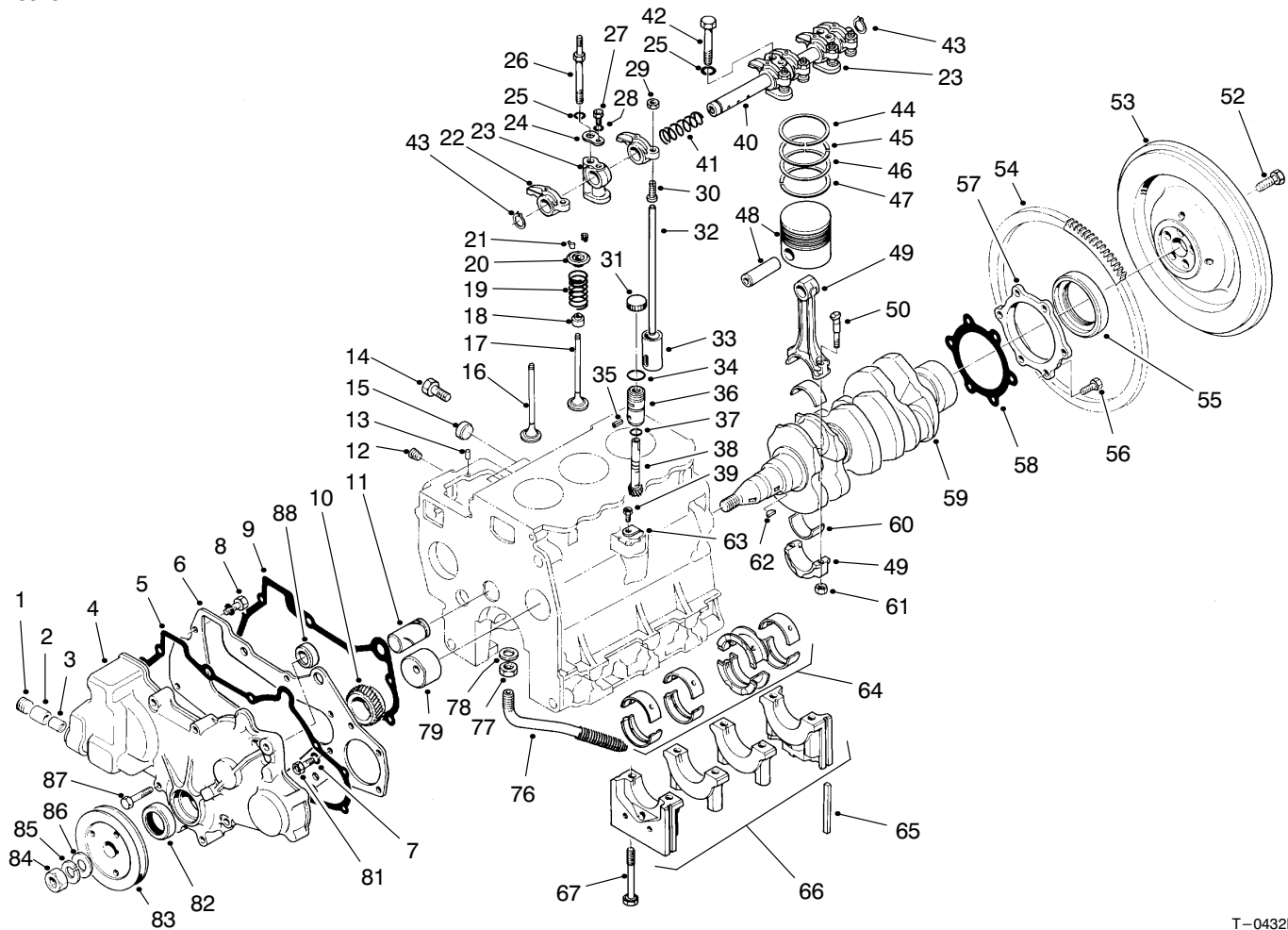


T-0432B

ENGINE ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	42-7400	Plug-Taper	1	26	42-9360	Bolt	2
2	42-7320	Bearing-Needle	1	27	42-9350	Screw-HH	2
3	42-7310	Bearing-Needle	1	28	43-5930	Washer-Lock	2
4	93-3689	Case-Gear	1	29	42-9620	Nut-Jam	6
5	42-7340	Gasket-Gear Case	1	30	42-7980	Screw-Adjusting	6
6	62-3740	Plate-Front	1	31	93-3688	Cap-Shipping	1
7	42-9850	Washer-Lock	5	32	42-7920	Rod-Push	6
8	67-2340	Screw-Cap w/Washer	2	33	42-7890	Tappet	6
9	42-7150	Gasket-Front Plate	1	34	42-9010	O-Ring	1
10	42-7700	Gear-Crankshaft	1	35	42-8970	Pin-Spring	1
11	42-7110	Shaft-Idler	1	36	42-8980	Sleeve-Gear	1
12	67-2390	Plug-Taper	2	37	42-8990	O-Ring	1
13	56-0220	Pin-Dowel	2	†38		Gear-Driven	1
14	42-9250	Screw-HH	4	39	42-9440	Screw-HH	1
15	42-7080	Cap-Sealing	2	40	42-7960	Asm-Shaft, Rocker	1
16	93-1351	Valve-Intake	3	41	42-7930	Spring-Rocker Shaft LH	1
17	93-1352	Valve-Exhaust	3	42	42-9370	Screw-HH	1
18	92-1961	Seal-Valve Stem	6	43	42-7990	Ring-Snap	2
19	42-7880	Spring-Valve	6	44	72-4200	Ring-Set-Piston Std.	3
20	42-7850	Retainer-Valve Spring	6	45	72-4210	Ring Set-Piston 0.25 (.010 in.) 0.5.	3
21	42-7860	Lock-Spring Retainer	12	46	72-4220	Ring Set-Piston 0.50 (.020 in.) 0.5.	3
22	42-7940	Arm-Rocker	6	47	72-4230	Ring Set-Piston 075 (.030 in.) 0.5.	3
23	42-7970	Stay-Rocker	3				
24	42-7950	Washer-Seat	2				
25	48-9590	Washer-Spring	3				

† Not Serviced Separately



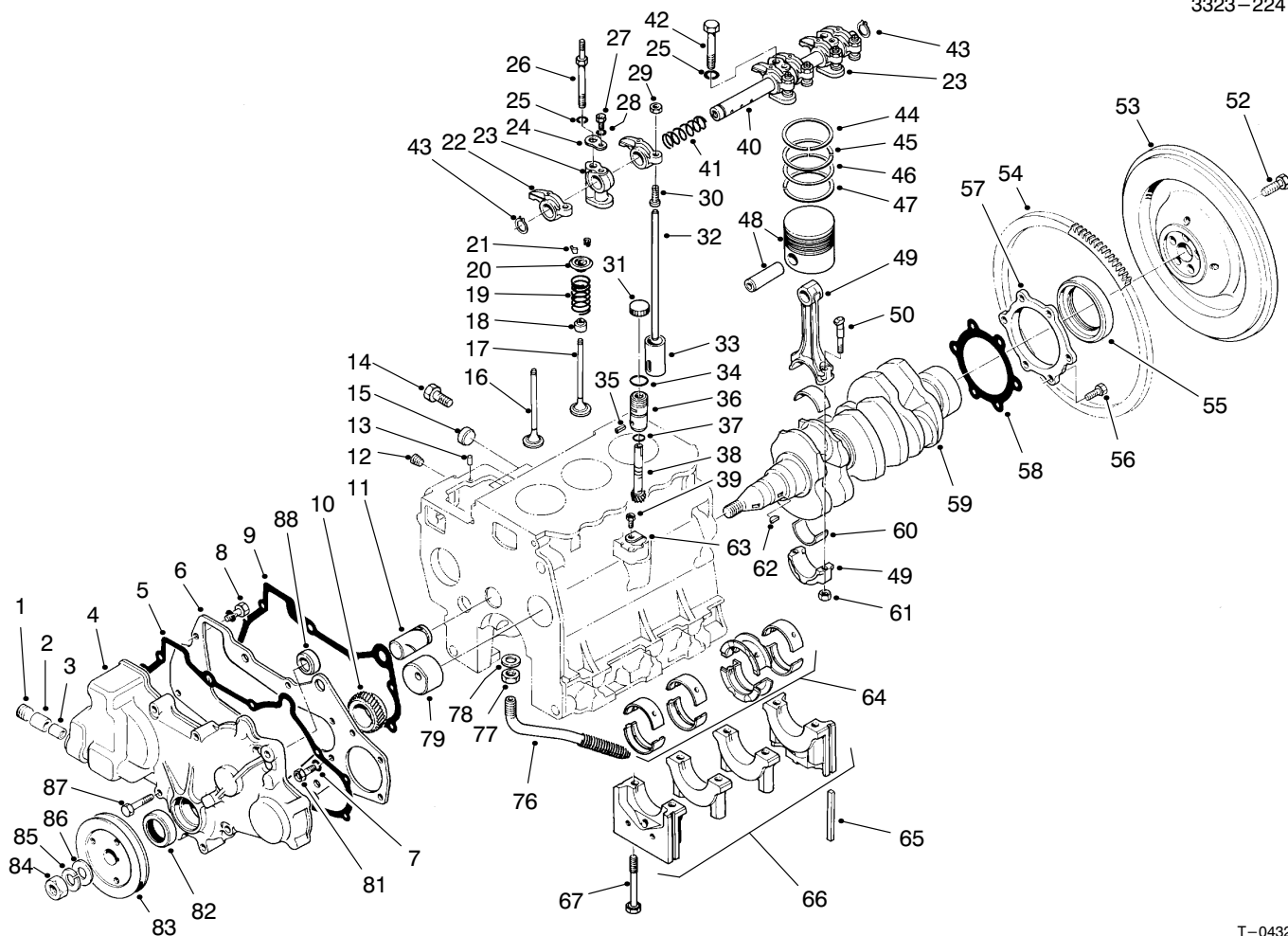
T-0432B

ENGINE ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
48	72-4240	Piston & Piston Pin Std.	3	*60	42-7690	Bearing Set	
*	72-4250	Piston & Piston Pin 0.25 (.010 in.) 0.5.	3			Connecting Rod 0.75 (.030 in.) U.S.	3
*	72-4260	Piston & Piston Pin 0.50 (.020 in.) 0.5.	3	61	42-9590	Nut-Connecting Rod	6
*	72-4270	Piston & Piston Pin 0.75 (.030 in.) 0.5.	3	62	42-7730	Key-Woodruff	2
49	42-7650	Asm-Connecting Rod	3	63	42-9020	Plate-Locking	1
50	67-2860	Bolt-Connecting Rod	6	64	93-3387	Bearing Set	
52	54-8670	Bolt-Flywheel	5			Crankshaft Std.	1
53	43-1800	Flywheel	1	*	42-7240	Bearing Set-Crankshaft 0.25 (.010 in.) U.S.	1
54	43-1810	Gear-Ring	1	*	93-3388	Bearing Set-Crankshaft 0.50 (.020 in.) U.S.	1
55	42-7060	Seal-Oil	1	*	42-7260	Bearing Set-Crankshaft 0.75 (.030 in.) U.S.	1
56	42-9220	Screw-HH	6	65	42-7040	Seal-Side	4
57	42-7120	Case-Oil Seal	1	†66		Asm-Bearing Cap	1
58	42-7130	Gasket-Oil Seal	1	67	42-9210	Bolt-Bearing Cap	8
59	42-7710	Crankshaft	1	76	48-2010	Asm-Screen, Oil	1
60	42-7660	Bearing Set		77	48-1990	Nut-Jam	1
		Connecting Rod Std.	3	78	48-1980	Gasket	1
*	42-7670	Bearing Set		79	42-7100	Bushing-Camshaft	1
		Connecting Rod 0.25 (.010 in.) U.S.	3	81	42-9230	Screw-HH	3
*	42-7680	Bearing Set		82	42-7390	Seal-Oil	1
		Connecting Rod 0.50 (.020 in.) U.S.	3	83	42-7720	Pulley-Crankshaft	1
				84	43-6470	Nut	1
				85	42-9860	Washer-Spring	1

* Not Illustrated

† Not Serviceable



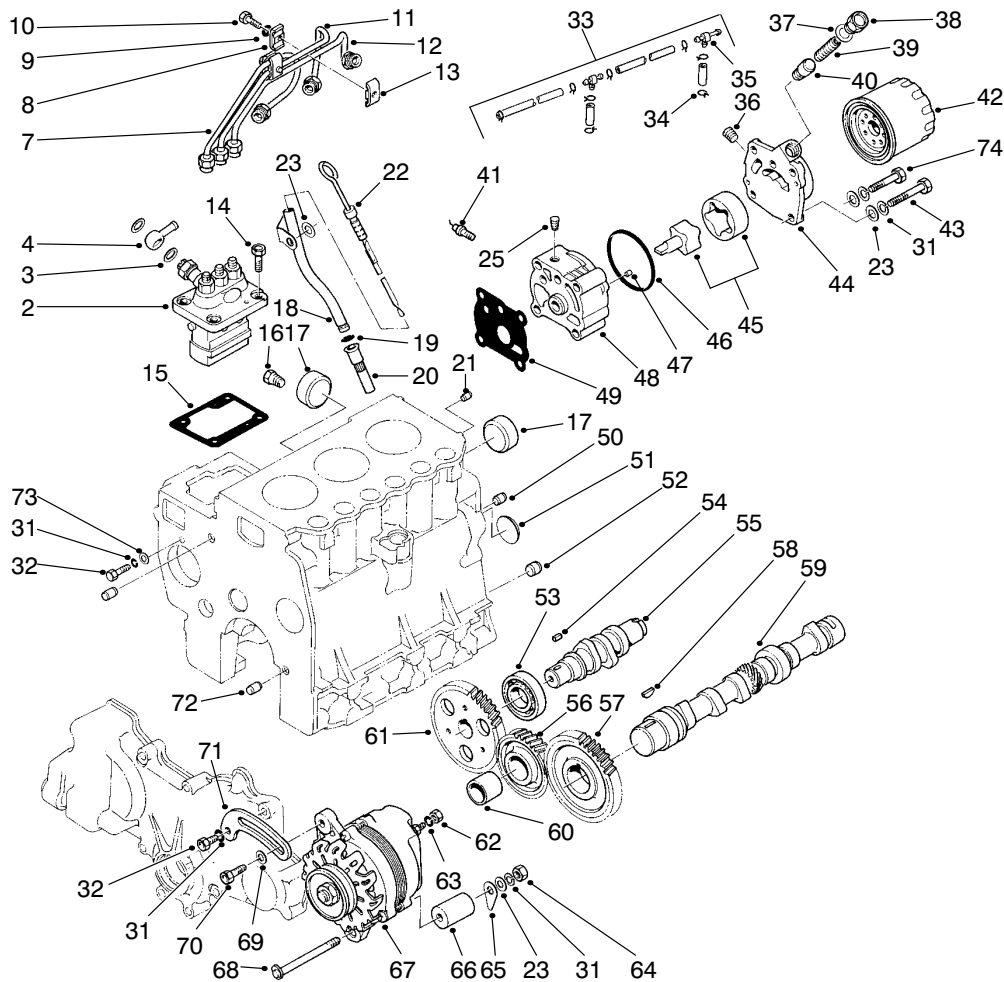
T-0432B

ENGINE ASSEMBLY (Continued)

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

* Not Illustrated

† Not Available



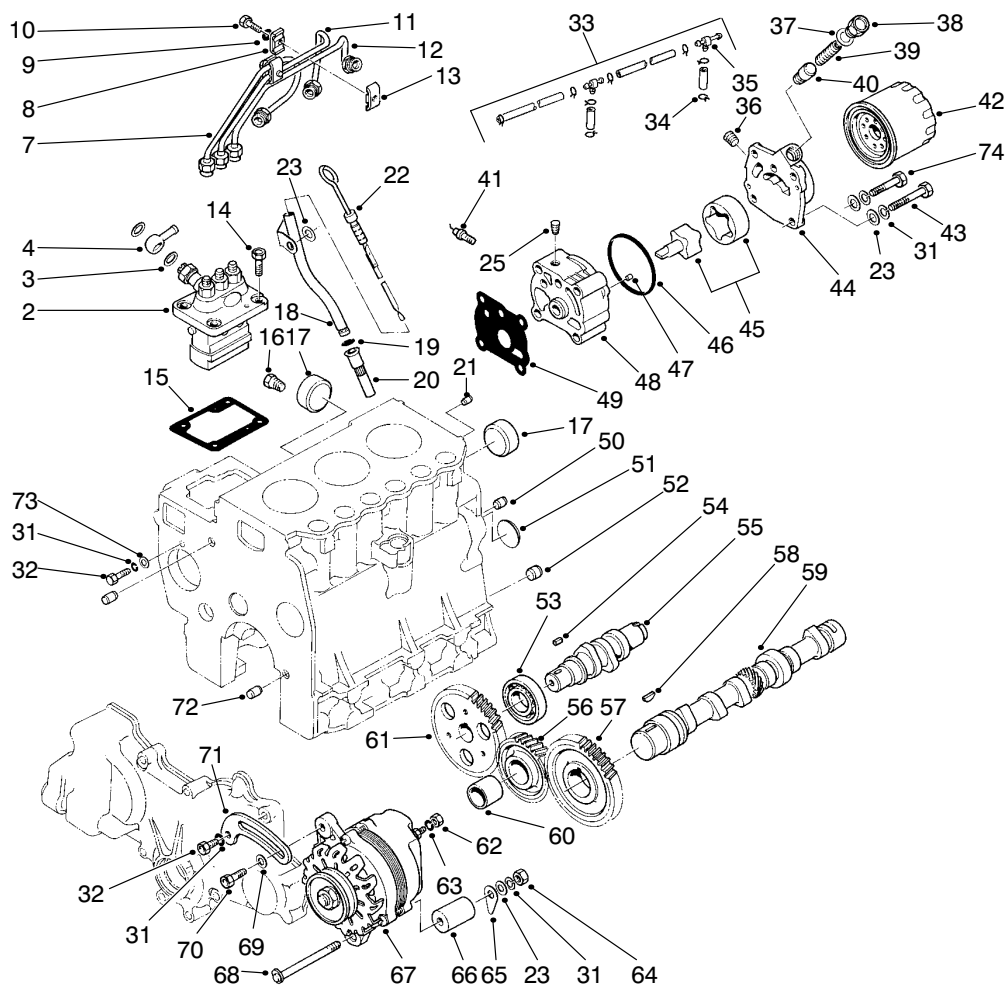
T-0433-3

ENGINE ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
†2		Asm-Pump, Fuel Injection	1	18	42-7050	Guide-Oil Level Gauge	1
3	42-9830	Washer-Seal	2	19	43-2710	O-Ring	1
4	42-8100	Collar-Union	1	20	72-6950	Retainer-Oil Level Guide	1
7	42-8130	Asm-Pipe, Fuel Injection (No. 1)	1	21	42-7160	Pin-Dowel	1
8	56-0750	Clamp	2	22	42-7270	Asm-Gauge, Oil Level	1
9	43-5930	Washer-Lock	1	23	42-9660	Washer-Flat	6
10	46-2600	Capscrew	2	25	67-2570	Plug-Taper	1
11	42-8140	Asm-Pipe, Fuel Injection (No. 2)	1	31	42-9850	Washer-Lock	7
12	42-8150	Asm-Pipe, Fuel Injection (No.3)	1	32	42-9230	Screw-HH	2
13	56-0760	Clamp	2	33	42-8180	Asm-Fuel Return Pipe	1
†14	63-3160	Screw-HH	3	34	2412-79	Clamp-Hose	8
15	42-8010	Shim-0.2 (.008 in.)	A/R	35	42-8190	Joint	2
*	42-8020	Shim-0.3 (.012 in.)	A/R	36	67-2390	Plug-Taper	1
*	42-8030	Shim-0.4 (.016 in.)	A/R	37	42-7290	Gasket	1
*	42-8040	Shim-0.5 (.020 in.)	A/R	38	67-2520	Plug	1
*	42-8050	Shim-0.6 (.024 in.)	A/R	39	42-8930	Spring-Relief	1
*	42-8060	Shim-0.7 (.028 in.)	A/R	40	67-2500	Plunger-Relief	1
*	42-8070	Shim-0.8 (.032 in.)	A/R	41	56-1310	Asm-Oil Pressure Switch	1
*	42-8080	Shim-0.9 (.036 in.)	A/R	42	67-4330	Asm-Filter, Oil	1
*	42-8090	Shim-1.0 (.039 in.)	A/R	43	42-9480	Screw-HH	3
16	281-1	Plug-Taper	1	44	42-8920	Cover-Oil Pump	1
17	42-7090	Cap-Sealing	2	45	42-8910	Asm-Rotor, Oil Pump	1
				46	42-8940	O-Ring	1
				47	93-3657	Pin-Dowel	2
				48	42-8900	Body-Oil Pump	1

* Not Illustrated

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

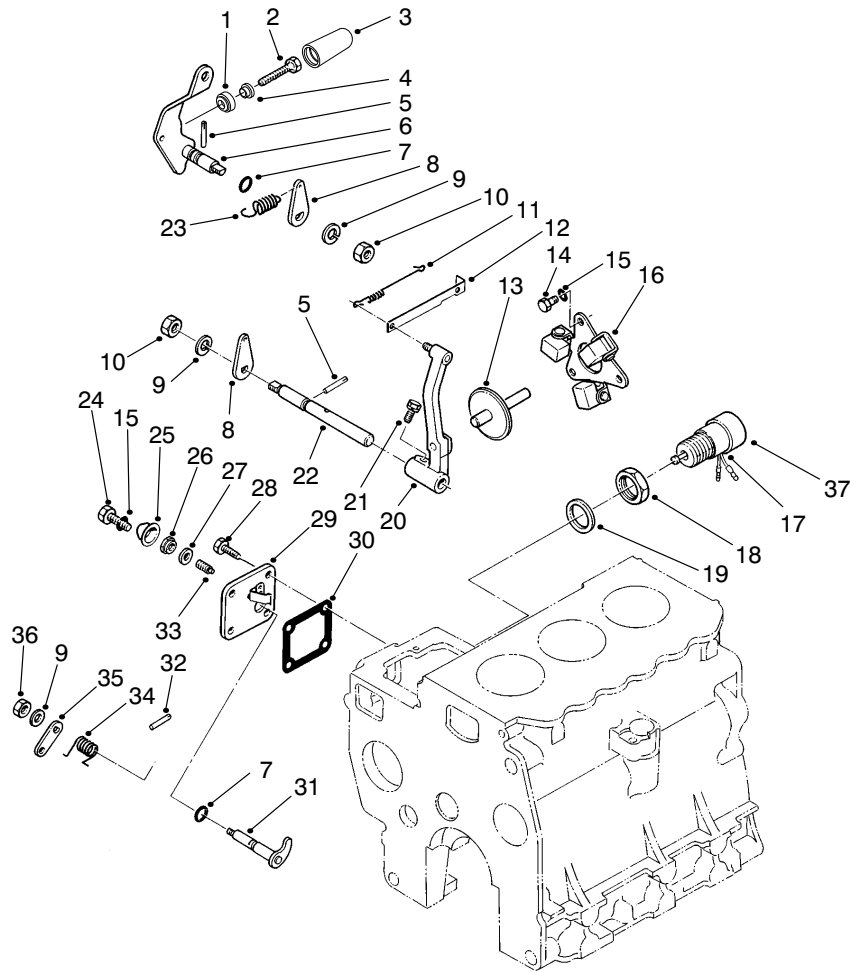


T-0433-3

ENGINE ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
49	42-8950	Gasket-Oil Pump Body	1	64	33014-00	Nut-Hex.	1
50	42-7180	Bushing-Knock	2	65	43-0370	Shim	AIR
51	42-7170	Plug-Expansion	1	66	43-0380	Spacer	1
52	42-7200	Bushing-Knock	1	67	43-0390	Alternator (Model AH2035M4)	1
53	93-3409	Bearing-Ball	1	68	43-1900	Screw-HH	1
54	42-7840	Key-Sunk	1	69	54-8660	Washer	1
55	42-7810	Shaft-Injection Pump Cam	1	70	67-4660	Screw-HFH	1
56	42-7790	Asm-Idler Gear (Incl. Ref. #60)	1	71	43-0400	Brace-Alternator	1
57	42-7780	Gear-Camshaft	1	72	42-7190	Bushing-Knock	2
58	42-7730	Key-Woodruff	1	73	42-9820	Washer	1
59	72-4280	Camshaft	1	74	56-2120	Screw-Hex. Hd.	1
60		Bushing-Idler Gear	1	*	42-8850	Asm-Oil Pump (Incl. Ref. #36-40 & 44-48)	1
61	42-7830	Gear-Injection Pump Cam	1	*	95-3092	Kit-400 Hour Filter (Incl. Ref. #42)	1
62	43-5970	Nut	1				
63	43-5920	Washer-Lock	1				

* Not Illustrated

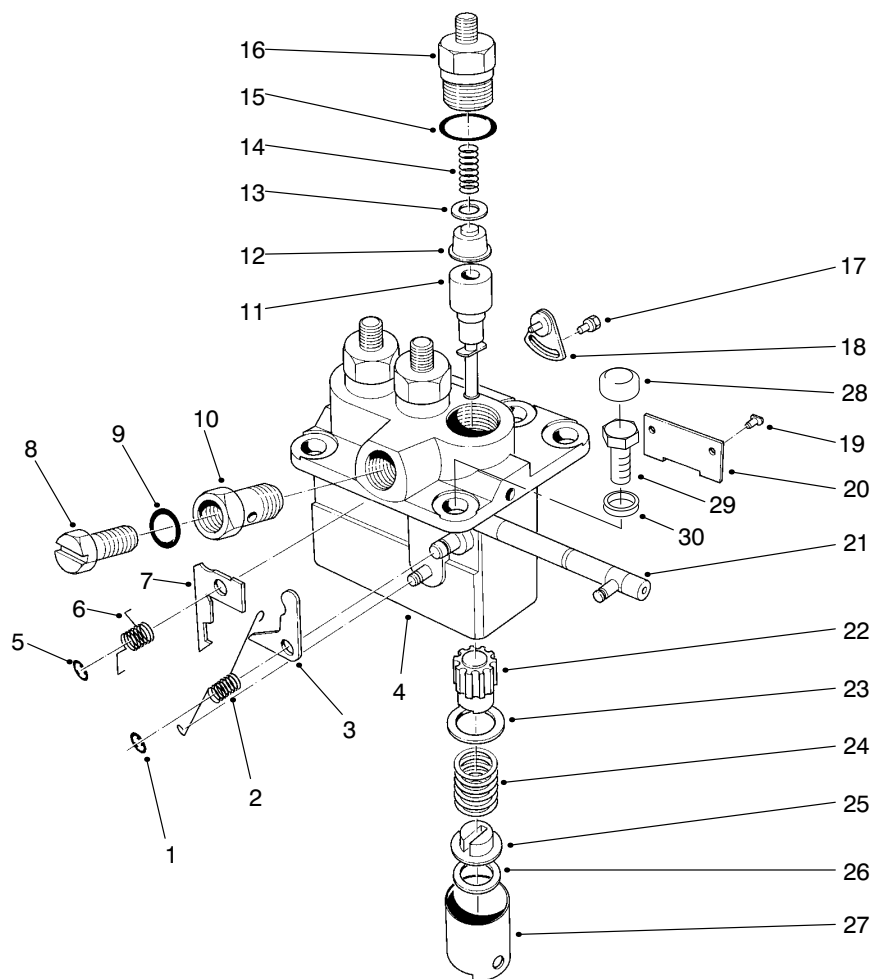


T-2434

ENGINE ASSEMBLY (Continued)

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

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

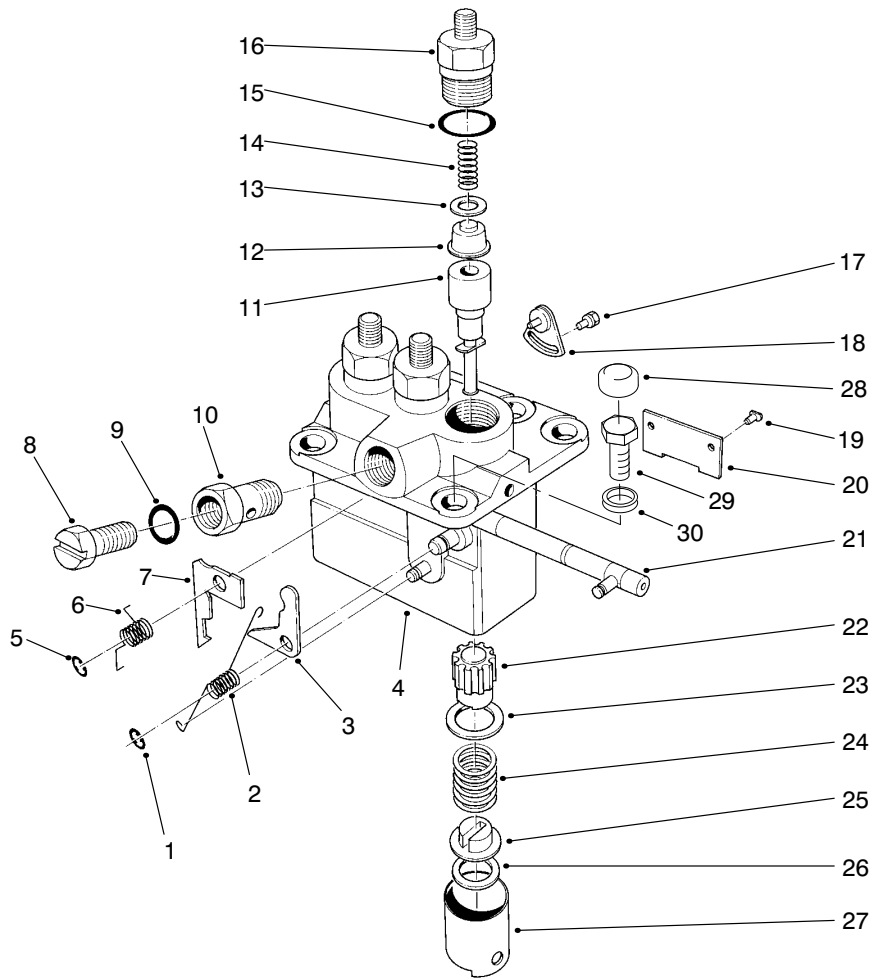


T-2435

FUEL INJECTION PUMP ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	70-4240	E-Ring	1	7	43-3020	Plate-Smoke Set 2.6 (.102 in.) Mark 63	A/R
2	43-3110	Spring-Ungleich Set	1	* 95-1573	Plate-Smoke Set 1.2 (.047 in.) Mark 49	A/R	
3	95-1566	Plate-Ungleich Set 17.0 (.669 in.) Mark 6	A/R	* 95-1574	Plate-Smoke Set 1.3 (.051 in.) Mark 50	A/R	
* 95-1567	Plate-Ungleich Set 16.9 (.665 in.) Mark 7	A/R	* 95-1576	Plate-Smoke Set 1.4 (.055 in.) Mark 51	A/R		
* 95-1568	Plate-Ungleich Set 16.8 (.661 in.) Mark 8	A/R	* 56-0900	Plate-Smoke Set 1.5 (.059 in.) Mark 52	A/R		
* 95-1569	Plate-Ungleich Set 16.7 (.657 in.) Mark 9	A/R	* 56-0990	Plate-Smoke Set 1.6 (.063 in.) Mark 53	A/R		
* 95-1570	Plate-Ungleich Set 16.6 (.654 in.) Mark 10	A/R	* 56-0910	Plate-Smoke Set 1.7 (.067 in.) Mark 54	A/R		
* 95-1571	Plate-Ungleich Set 16.85 (.663 in.) Mark 11	A/R	* 56-1000	Plate-Smoke Set 1.8 (.071 in.) Mark 55	A/R		
* 95-1572	Plate-Ungleich Set 16.75 (.659 in.) Mark 12	A/R	* 56-0920	Plate-Smoke Set 1.9 (.075 in.) Mark 56	A/R		
4		Sub Asm-Pump Housing	1	* 56-0930	Plate-Smoke Set 2.0 (.079 in.) Mark 57	A/R	
5	54-8780	E-Ring	1	* 43-3000	Plate-Smoke Set 2.1 (.083 in.) Mark 58	A/R	
6	42-8460	Spring Return	1	* 54-8770	Plate-Smoke Set 2.2 (.087 in.) Mark 59	A/R	
7	54-8700	Plate-Smoke Set 2.3 (.091 in.) Mark 60	A/R	8	42-8370	Screw-Air Breather	1
* 43-3010	Plate-Smoke Set 2.4 (.095 in.) Mark 61	A/R					
* 56-0950	Plate-Smoke Set 2.5 (.098 in.) Mark 62	A/R					

* Not Illustrated



T-2435

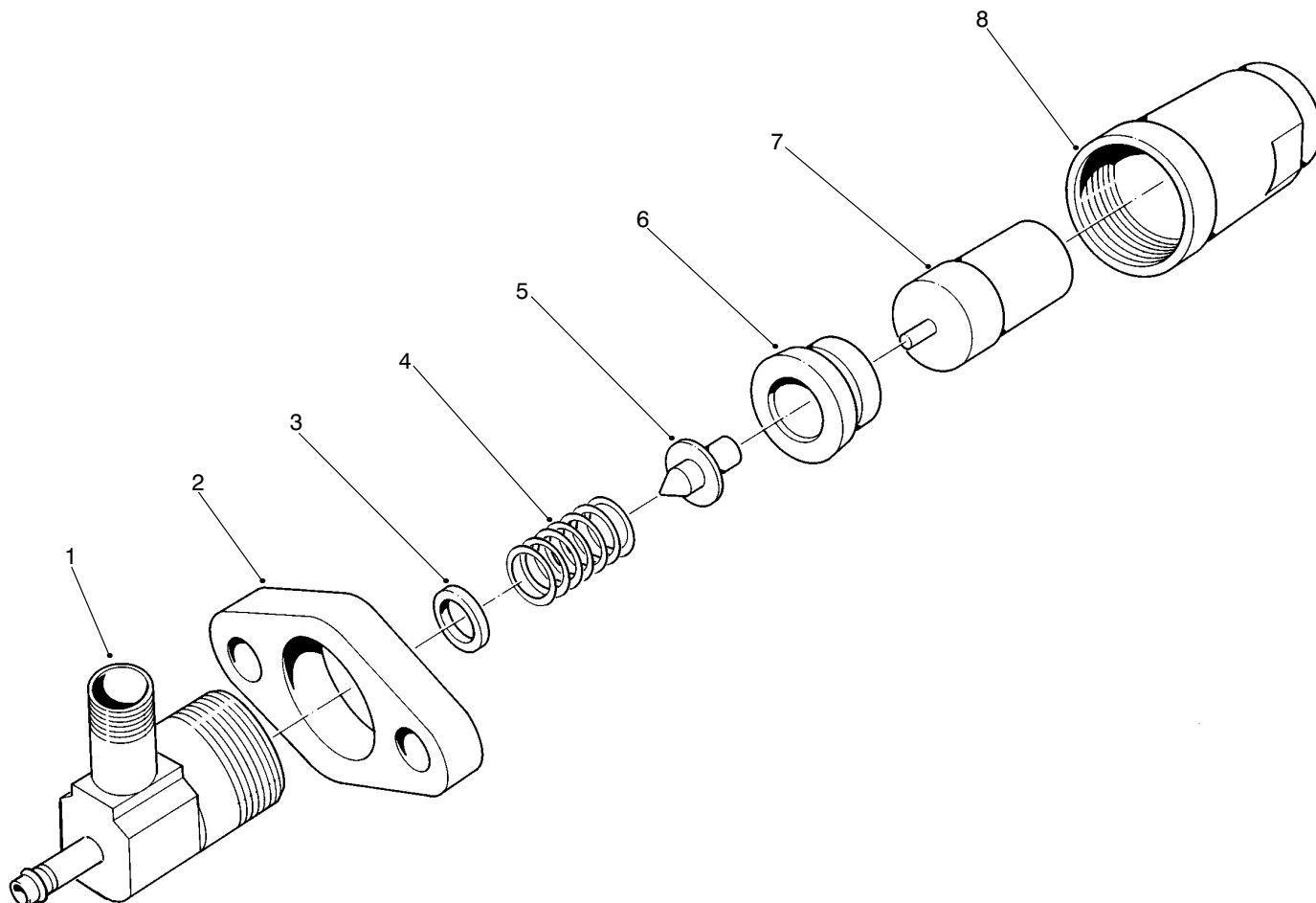
FUEL INJECTION PUMP ASSEMBLY (Cont.)

Ref. No.	Part No.	Description	No. Used
9	42-9770	Washer	1
10	42-8380	Screw-Hollow	1
11	42-8260	Sub Asm-Element	3
12	42-8250	Sub Asm-Delivery Valve	3
13	42-8240	Gasket-Delivery Valve	3
14	42-8230	Spring-Delivery Valve	3
15	42-8330	O-Ring	3
16	42-8220	Holder-Delivery Valve	3
17	43-3150	Asm-Bolt/Washer	2
18	42-8360	Asm-Plate, Adjusting	2
19	42-8340	Pin-Tappet Guide	3
20	42-8350	Plate	1
21	42-8310	Asm-Rack, Control	1
22	42-8270	Sleeve-Plunger Control	3
23	42-8280	Seat-Spring, Upper	3
24	42-8290	Spring-Pump Plunger	3
25	42-8320	Seat-Spring, Lower	3
26	70-3970	Shim-Plate 0.6 (.0241 in.)	A/R
*	70-4070	Shim-Plate 0.2 (.008 in.)	A/R

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

* Not Illustrated

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



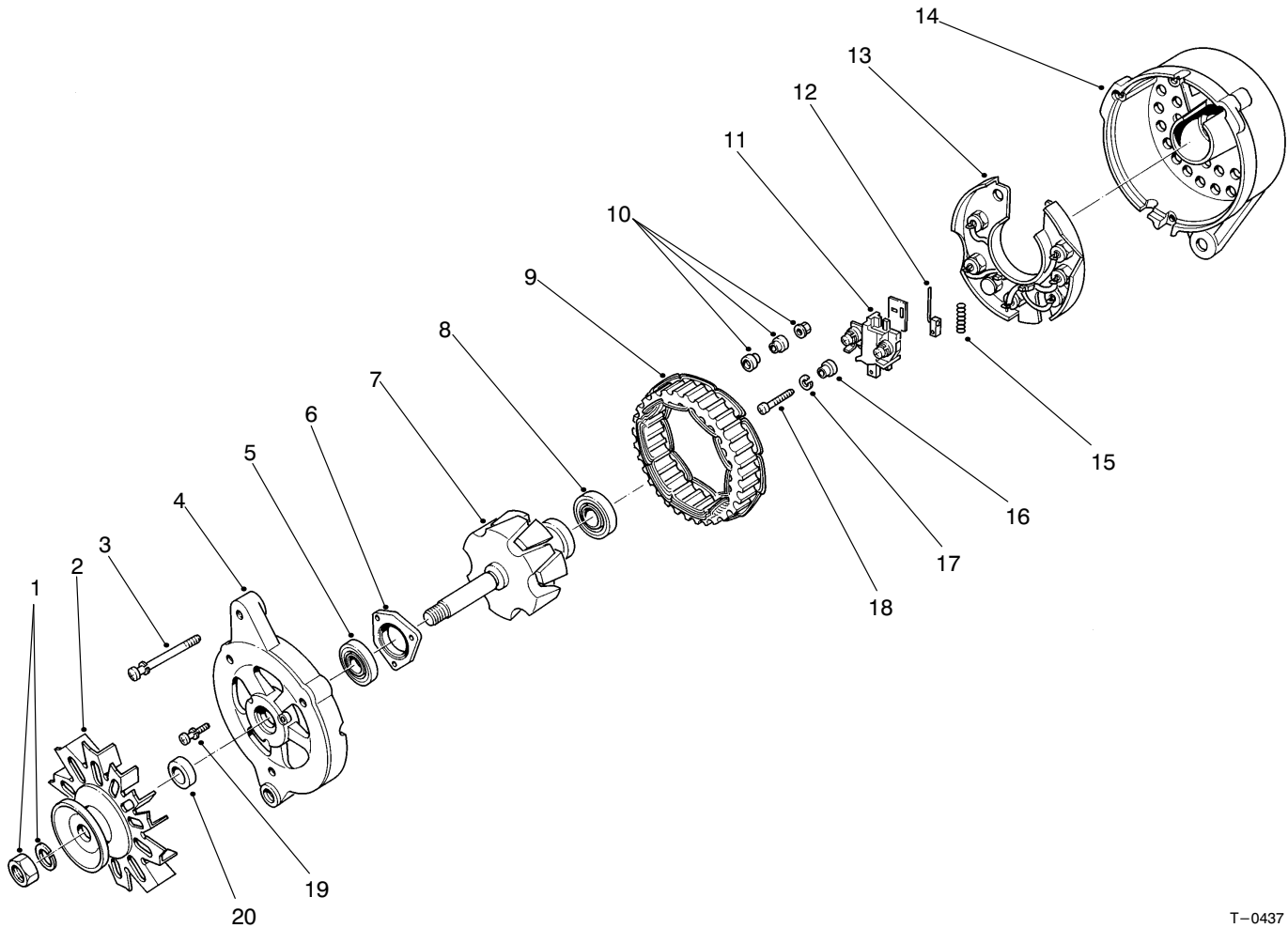
T-0436A

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	Asm-Nozzle	3
8	42-8650	Nut-Retaining	3

* Not Illustrated

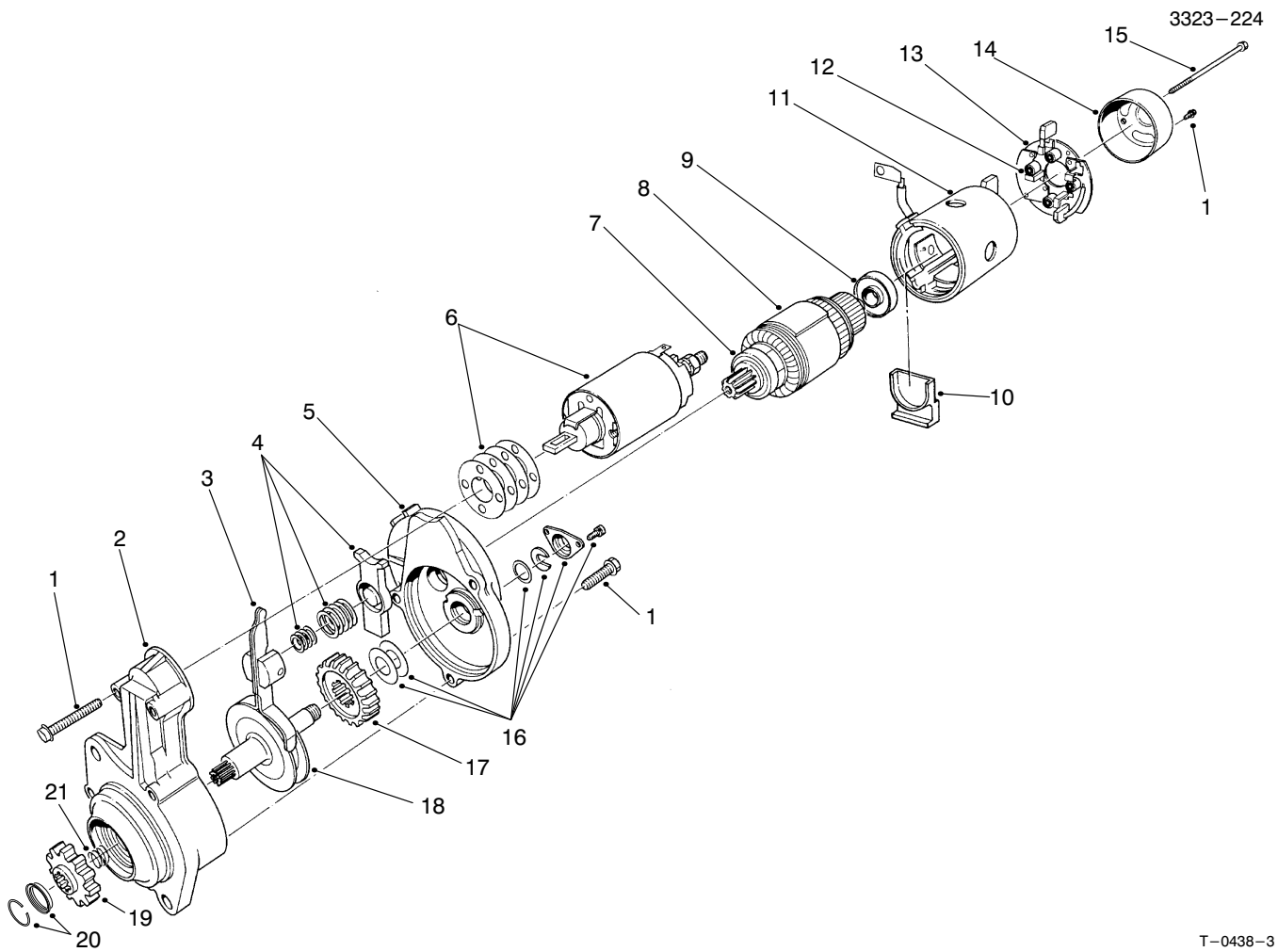


T-0437

ALTERNATOR ASSEMBLY NO. 43-0390

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

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

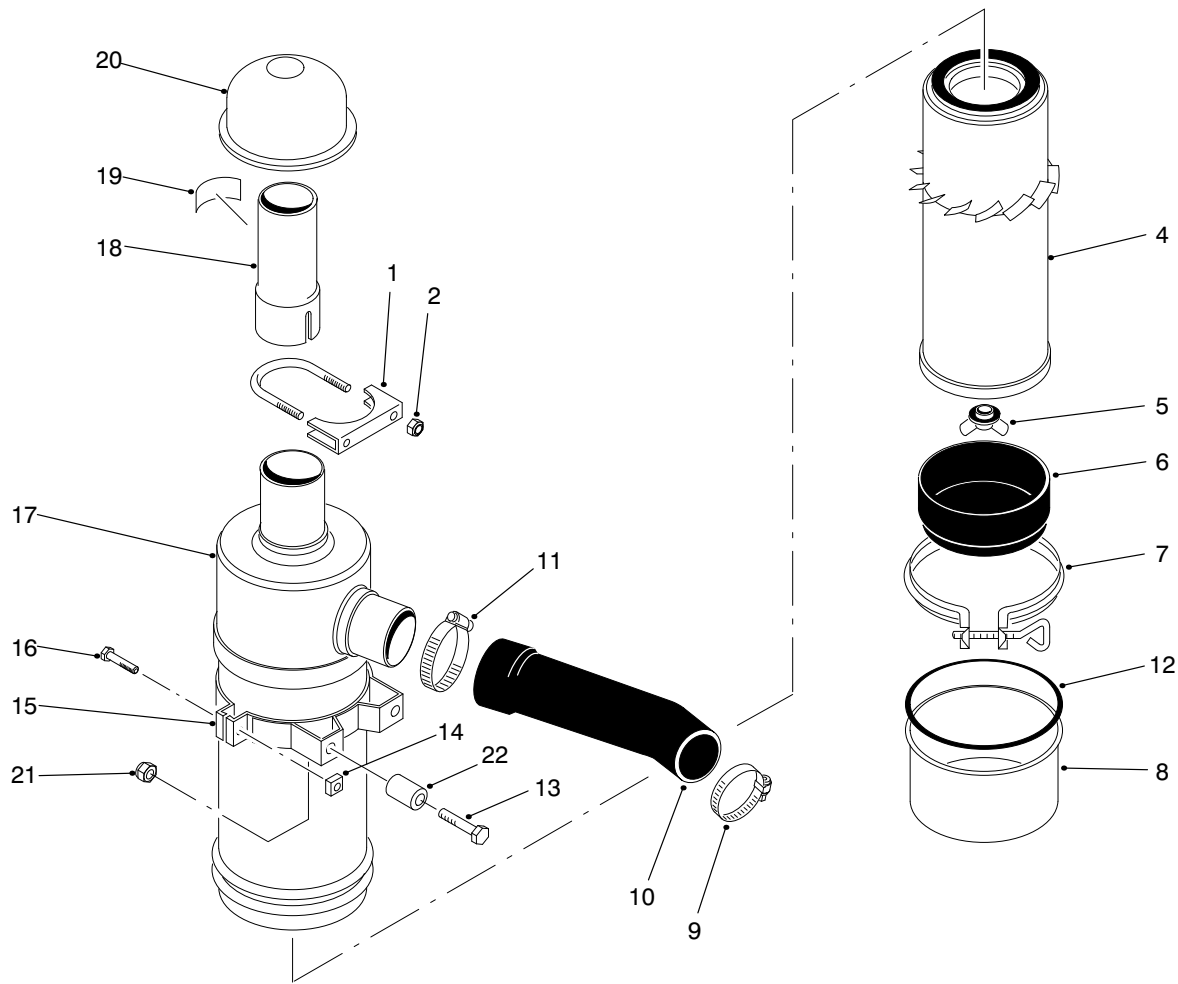


T-0438-3

STARTER ASSEMBLY NO. 46-7610

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	93-3655	Screw-Set	1	14	51-7830	Bracket-Rear	1
2	46-7630	Asm-Bracket, Front	1	15	93-3687	Bolt Set	1
3	46-7640	Asm-Lever	1	16	51-7780	Cover Set	1
4	43-0190	Spring Set	1	17	46-7760	Gear	1
5	46-7650	Asm-Bracket, Center	1	18	46-7750	Asm-Shaft, Pinion	1
6	46-7660	Asm-Switch	1	19	46-7720	Pinion Set (Incl. Ref. #20)	1
7	46-7680	Bearing-Front	1	20	51-7740	Stopper	1
8	46-7670	Armature Set (Incl. Ref. #7 & 9)	1	21		Spring	1
9	60-5400	Bearing-Rear	1	*	46-7740	Gear Set (Incl. Ref. #17 & 18)	1
10	46-8050	Packing	1	*	46-7710	Asm-Shaft, Clutch (Incl. Ref. #16-20)	1
11	46-7780	Asm-Yoke	1				
12	51-7820	Spring-Brush	4				
13	51-7810	Asm-Brush Holder (Incl. Ref. #12)	1				

* Not Illustrated

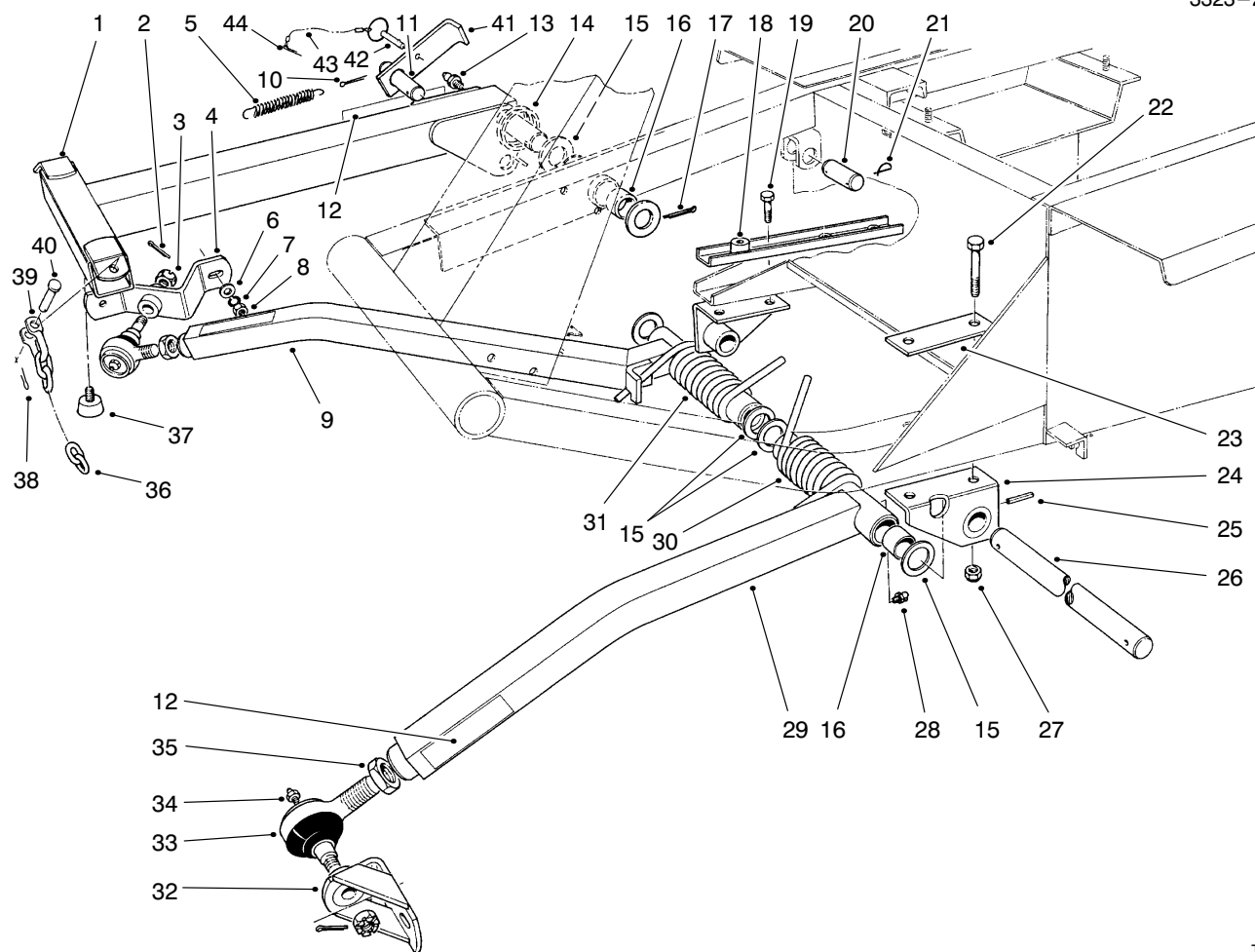


T-1188-2

AIR CLEANER ASSEMBLY

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

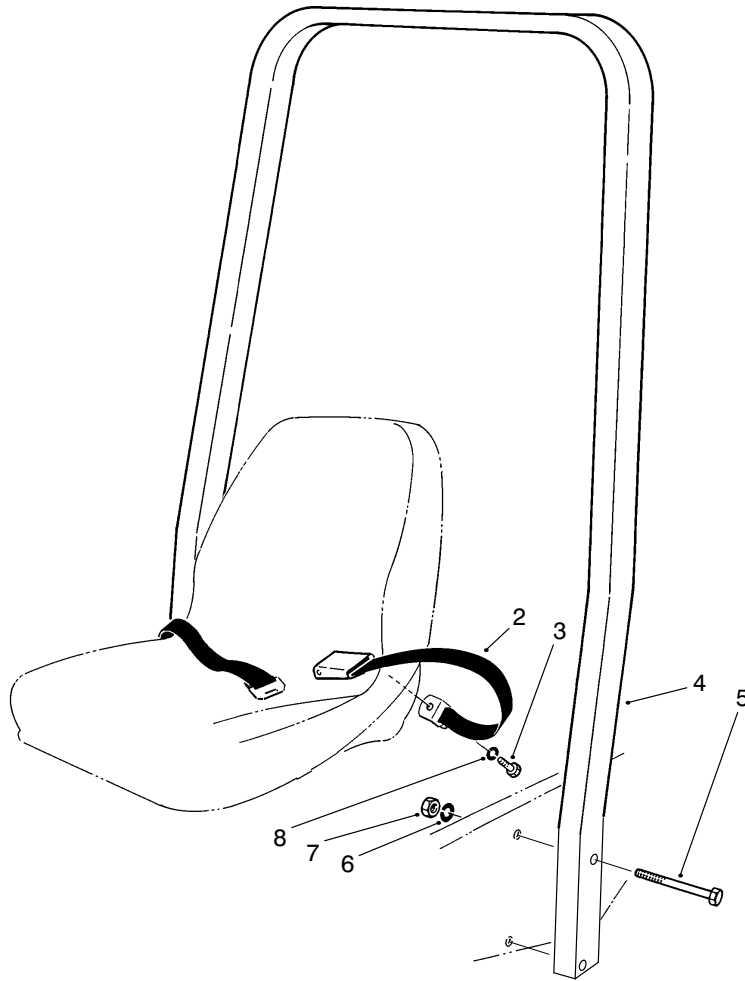
Ref. No.	Part No.	Description	No. Used
14	32107-11	Nut	2
15	27-7170	Asm-Band (Incl. Ref. #14 & 16)	2
16	3258-19	Screw-Mach. Rd. Hd.	2
17	27-7100	Asm-Air Cleaner (Incl. Ref. #3-8)	1
18	44-8950	Tube-Air Cleaner	1
19	93-7275	Decal-Starting Fluid	1
20	27-7180	Asm-Cap, Air Inlet	1
21	3296-29	Nut-Lock	4
22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



T-2414

PUSH ARM ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	66-6370	Lift Arm	1	23	21-3750	Support Plate	1
2	3272-11	Pin-Cotter	2	24	21-2860	Push Arm Bracket	2
3	32136-2	Nut-Hex. Slotted	2	25	32121-84	Pin-Roll	2
4	21-3020	Ball Joint Mount RH	1	26	21-2990	Shaft-Pivot	1
5	21-1830	Spring Tension	1	27	32128-42	Nut	4
6	3256-25	Washer-Flat	1	28	302-33	Fitting-Grease	2
7	3253-6	Washer-Lock	2	29	21-2960	Push Arm LH (Incl. Ref. #16 & 28)	1
8	3217-8	Nut-Full	2	30	21-2900	Spring-Torsion LH	1
9	66-7150	Push Arm RH (Incl. Ref. #16 & 28)	1	31	21-2890	Spring-Torsion RH	1
10	3272-24	Cotter Pin	1	32	21-3050	Ball Joint Mount LH	1
11	24-9510	Pin	1	33	86-8100	Asm-Ball Joint	2
12	93-6696	Warning Decal	3	34	302-5	Fitting-Grease	2
13	302-5	Fitting-Grease	1	35	21-3000	Nut-Jam	2
14	46-8840	Spring-Lift Arm	1	36	3-1365	Chain-Lift	3
15	5-1754	Washer	6	37	68-3270	Bumper	1
16	256-126	Bushing	6	38	3272-10	Pin-Cotter	3
17	3272-33	Pin-Cotter	1	39	5-2942	Shackle	3
18	93-7040	Support-Reinforcement	1	40	283-10	Pin	3
19	324-4	Screw-HH	2	41	93-7650	Lever-Locking	1
20	3-7292	Pin	1	42	93-7644	Pin-Hitch	1
21	5-3126	Pin-Spring	3	43	28-8070	Lanyard	1
22	324-11	Screw-HH	2	44	3272-7	Pin-Cotter	1



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ROLL OVER PROTECTION ASSEMBLY

Ref. No.	Part No.	Description	No. Used
†2	72-9390	Asm-Seat Belt	1
3	3212-4	Screw-HH	2
*4	2-15023	Asm-Roll Bar	1
5	328-12	Screw-HH	4

Ref. No.	Part No.	Description	No. Used
6	3253-9	Washer-Lock	4
7	3217-12	Nut-Hex.	4
8	3253-6	Washer-Lock	2

* Obtain from Custom Products, Litchfield, MN 55355.

† Do not use without installing Roll Over Protection Unit.

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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