

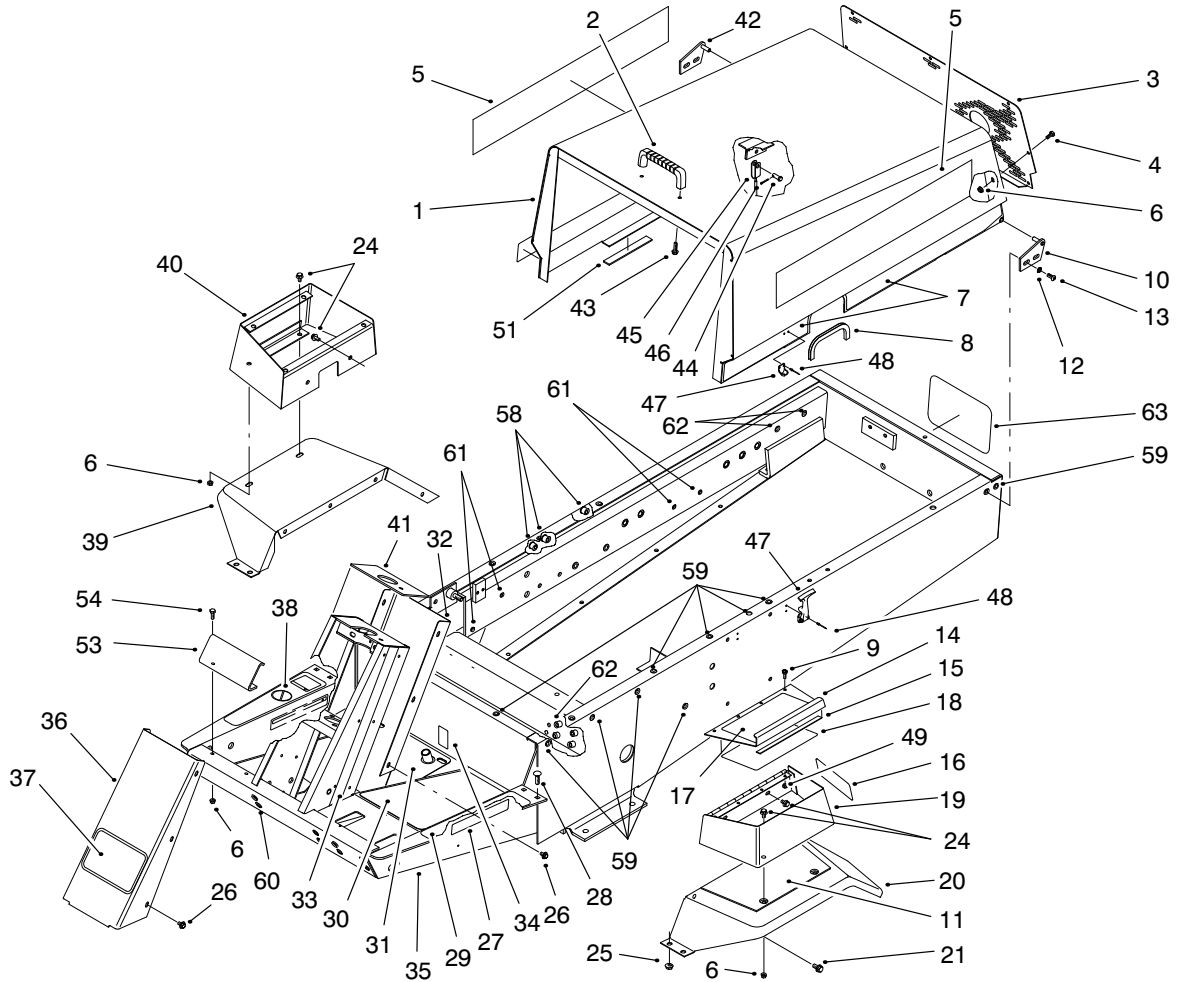


**MODEL NO. 30230-80001 & UP**

**PARTS CATALOG**

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**GROUNDMASTER® 225**  
**TRACTION UNIT**



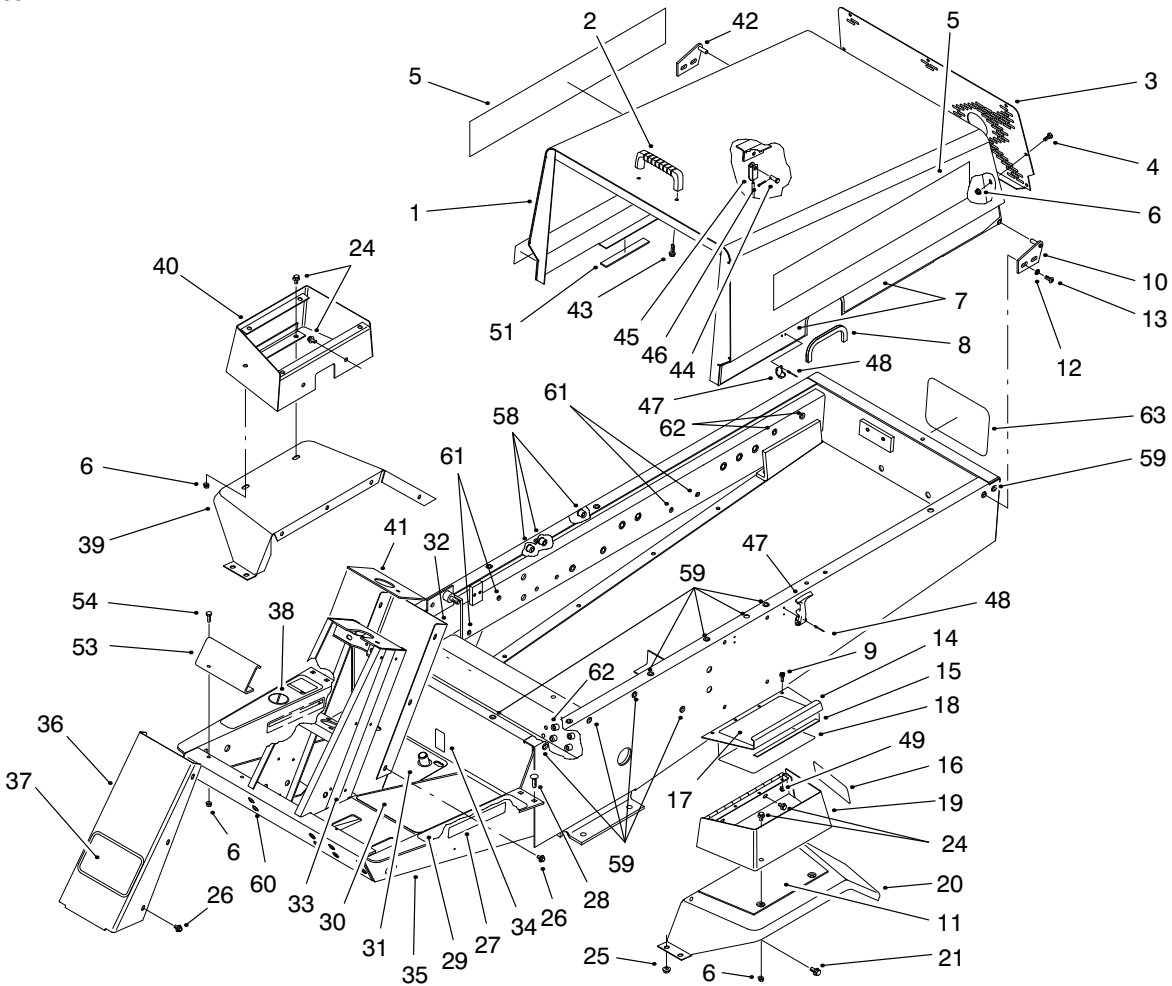
T-2733-2

**BODY ASM**

Ref. No.	Part No.	Description	No. Used
1	14-7149	Asm-Hood	1
2	65-5100	Handle-Hood	1
3	63-7030	Screen-Hood	1
4	321-3	Screw-HH	7
5	95-3024	Decal-GM 225	2
6	32128-33	Nut-Flange Hd.	13
7	93-3193	Decal-Hood LH	1
*	93-3192	Decal-Hood RH	1
8	66-8110	Trim-Hood	1
9	3290-359	Screw-Machine	4
10	63-6900	Plate-Hinge LH	1
11	76-4790	Pad-Rubber	1
12	3255-8	Washer-Lock	4
13	3274-32	Screw-HSH	4
14	66-3040	Cover-Tool Box	1
15	66-3050	Strip-Magnetic	1
16	27-7310	Decal-Over Fill Caution	1

Ref. No.	Part No.	Description	No. Used
17	92-8798	Decal-Warning	1
18	95-3008	Decal-Service	1
19	92-6501	Asm-Tool Box (Incl. Ref. #16)	1
20	63-7310	Fender LH	1
21	3234-14	Screw-HFH	8
24	3234-13	Screw-HFH	8
25	32128-20	Nut-Flange	4
26	46-6810	Screw-HH	13
27	67-1720	Decal-Caution	2
28	3230-23	Bolt-CARR	4
29	66-3200	Tread-Foot Rest LH	1
30	66-3210	Tread-Foot LH	1
31	92-5540	Tread-Foot RH	1
32	63-7320	Cover-Tower Rear	1
33	66-8760	Decal-Tower LH	1
*	66-8770	Decal-Tower RH	1

\* Not Illustrated



T-2733-2

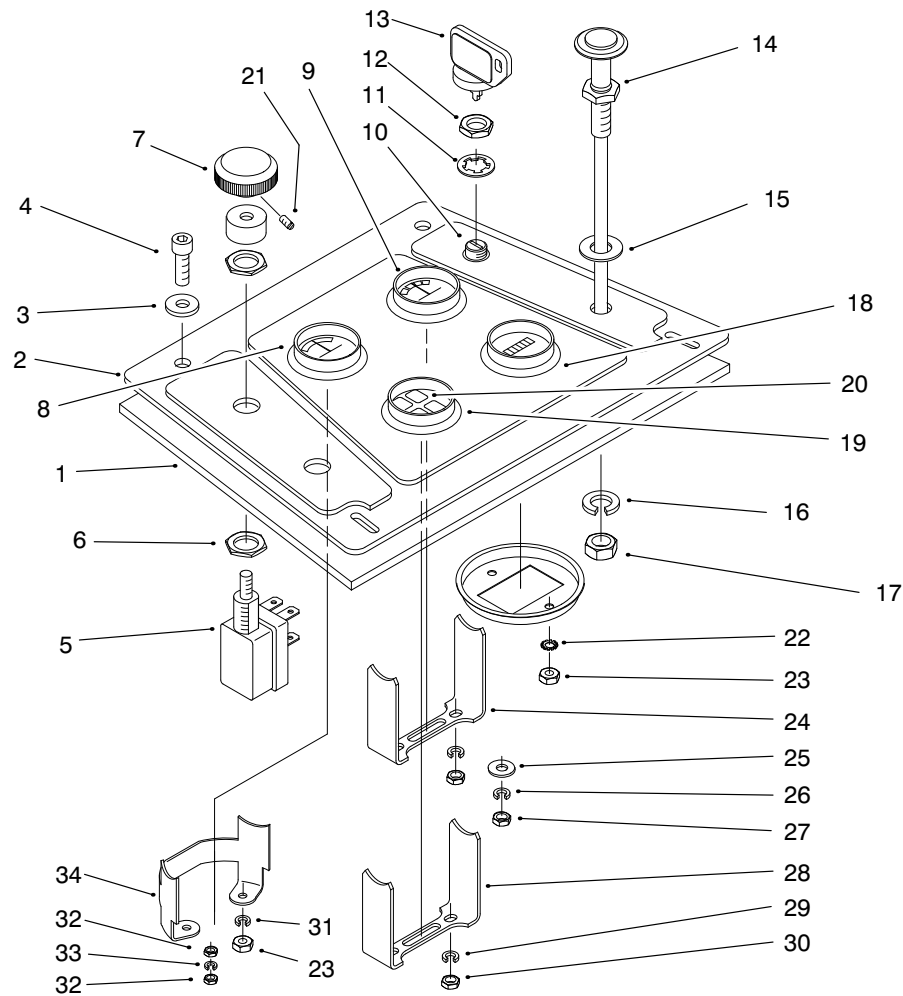
### BODY ASM (Continued)

Ref. No.	Part No.	Description	No. Used
34	53-4430	Decal-Oil	1
35	95-6280	Asm-Frame (Incl. Ref. #27, 29-31, 34, 38 & 58-63)	1
36	92-5545	Cover-Tower Front	1
37	62-5550	Decal-TORO	1
38	92-5772	Decal-Traction Pedal	1
39	63-7300	Fender-RH	1
40	63-8050	Box-Control	1
41	66-2470	Plate-Tower	1
42	63-6890	Plate-Hinge RH	1
43	46-8091	Screw-HH	2
44	283-58	Pin-Clevis	1
45	66-2870	Cable-Hood Stop	1

Ref. No.	Part No.	Description	No. Used
46	3272-10	Pin-Cotter	1
47	59-9740	Asm-Flexible Draw Latch	1
48	3290-271	Rivet	4
49	3296-12	Nut-Lock	4
51	82-8950	Foam	2
53	92-5548	Shield-Pedal Stop	1
54	321-4	Screw-HH	2
†58	32148-9	Nut-Clinch	3
†59	32148-7	Nut-Clinch	22
†60	32148-10	Nut-Clinch	14
†61	32148-11	Nut-Clinch	4
†62	32148-8	Nut-Clinch	8
63	62-7400	Decal-Toro	1

\* Not Illustrated

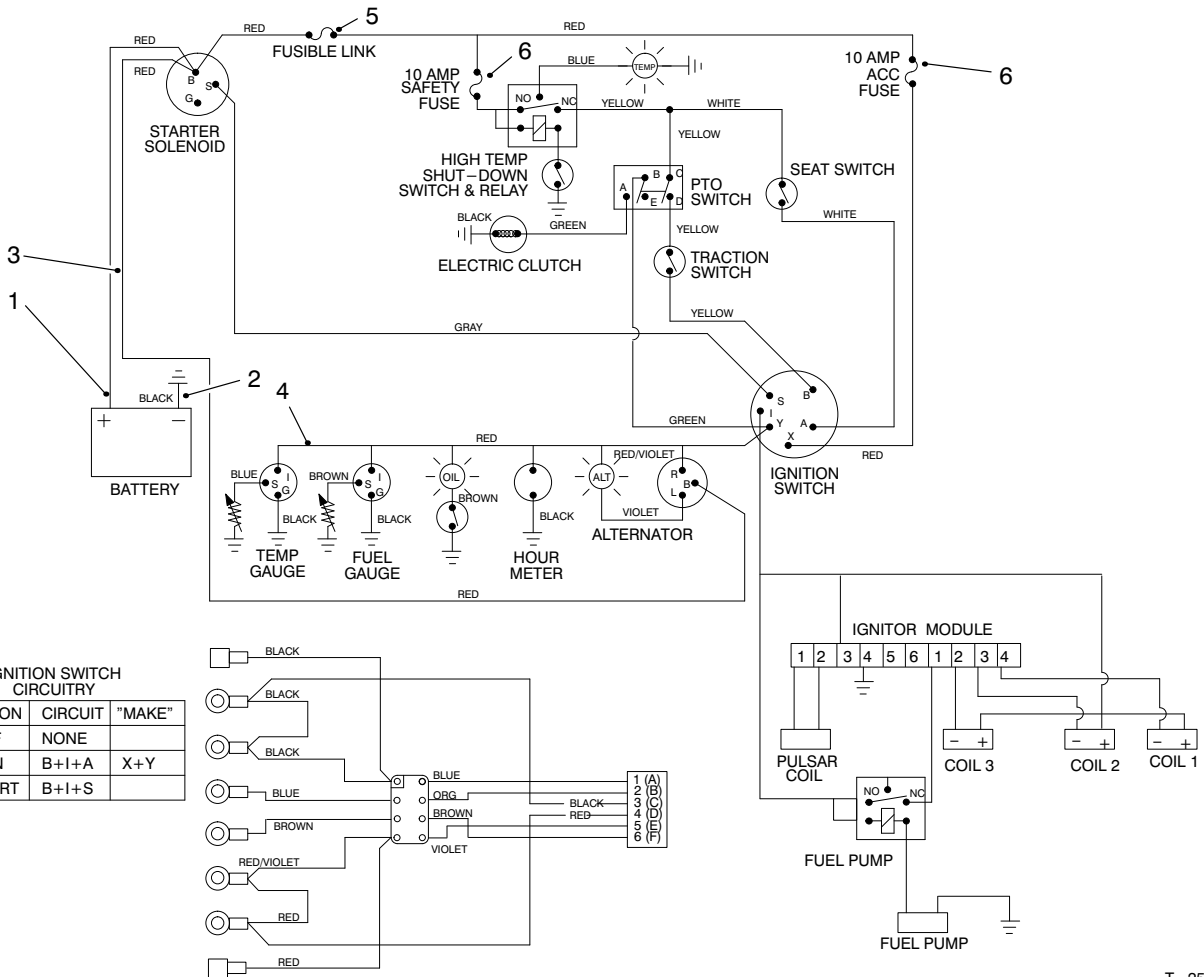
† Special tool required for installation.



T-2513-3

## CONTROL PANEL ASM

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	85-7560	Plate-Control Panel	1	17	3220-3	Nut-Jam	1
2	95-3009	Panel-Control	1	18	66-2950	Meter-Hour (Incl. Ref. #22 & 23)	1
3	3256-1	Washer-Flat	4	19	93-7053	Cluster-Warning Light (Incl. Ref. #20 & 28-30)	1
4	3274-65	Screw-HSH	4	20	219-17	Bulb-Light	4
5	95-6309	Asm-PTO Switch (Incl. Ref. #6, 7 & 21)	1	21	3298-8	Screw-Set	1
6	3218-19	Nut-Hex.	2	22	3255-20	Washer-Lock	2
7		Knob-Switch	1	23	3217-25	Nut-Hex.	4
8	92-9211	Gage-Temperature (Incl. Ref. #23 & 31-34)	1	24		Clamp	1
9	66-2940	Gage-Fuel (Incl. Ref. #24-27)	1	25	3256-14	Washer-Flat	2
10	27-2360	Asm-Ignition Switch (Incl. Ref. #11-12)	1	26	3253-2	Washer-Lock	5
11	218-447	Washer-Lock	1	27	3219-14	Nut-Hex.	6
12	218-446	Nut-Hex.	1	28		Clamp-Light	1
13	63-8360	Key-Ignition	1	29	3254-1	Washer-Lock	1
14	94-9425	Control-Choke	1	30	3217-26	Nut-Hex.	1
15	3256-24	Washer-Flat	1	31	3253-15	Washer-Lock	2
16	3253-21	Washer-Lock	1	32	3219-29	Nut-Hex.	6
				33	3253-19	Washer-Lock	3
				34		Clamp	1

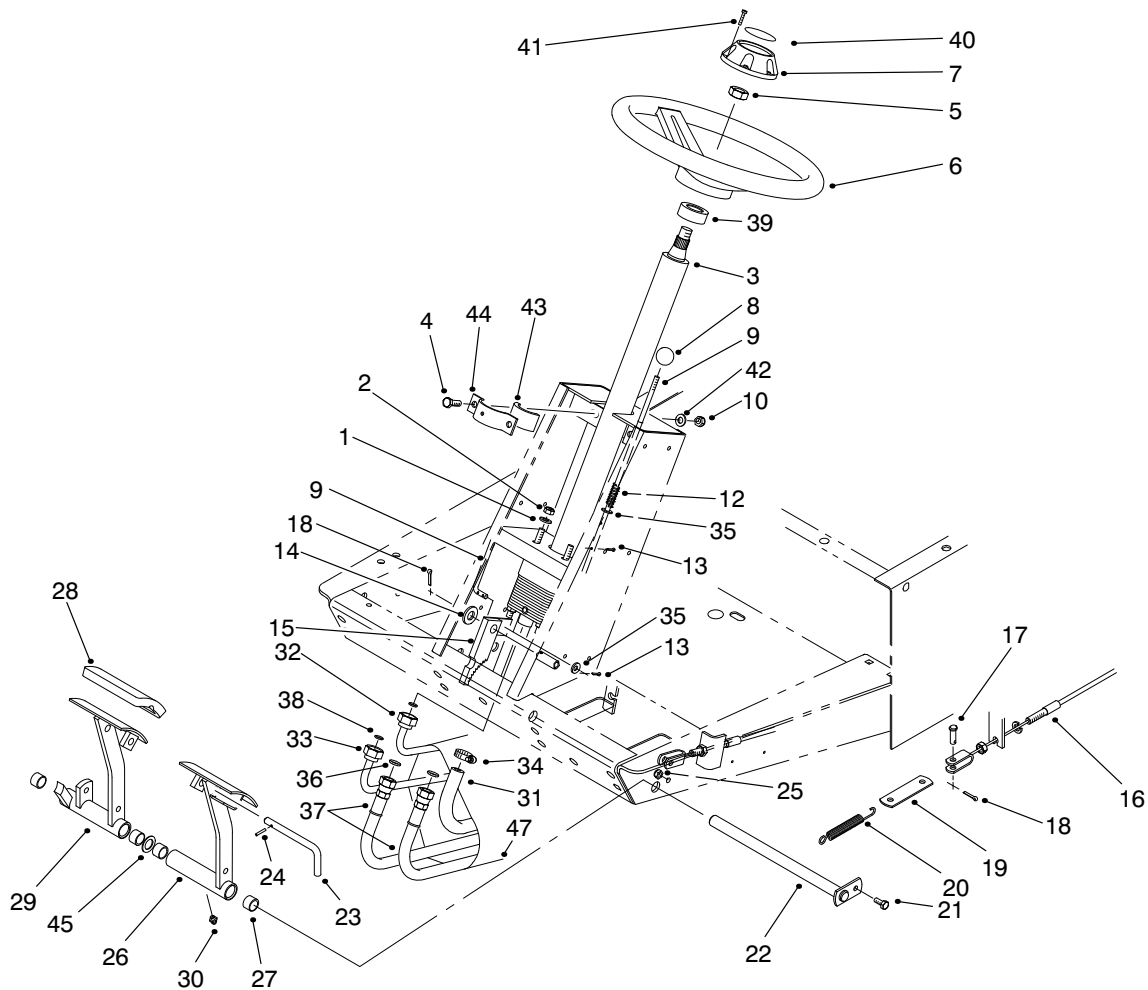


T-2514-1

# ELECTRICAL SCHEMATIC

Ref. No.	Part No.	Description	No. Used
1	95-4410	Wire-Positive	1
2	63-7340	Wire-Ground	1
3	95-1674	Asm-Wire Harness (Incl. Ref. #5, 6 & 7)	1

Ref. No.	Part No.	Description	No. Used
4	95-1675	Asm-Lamp Wire Harness	1
5	67-7120	Link-Fusible	1
6	218-578	Fuse 10.0 Amp	2

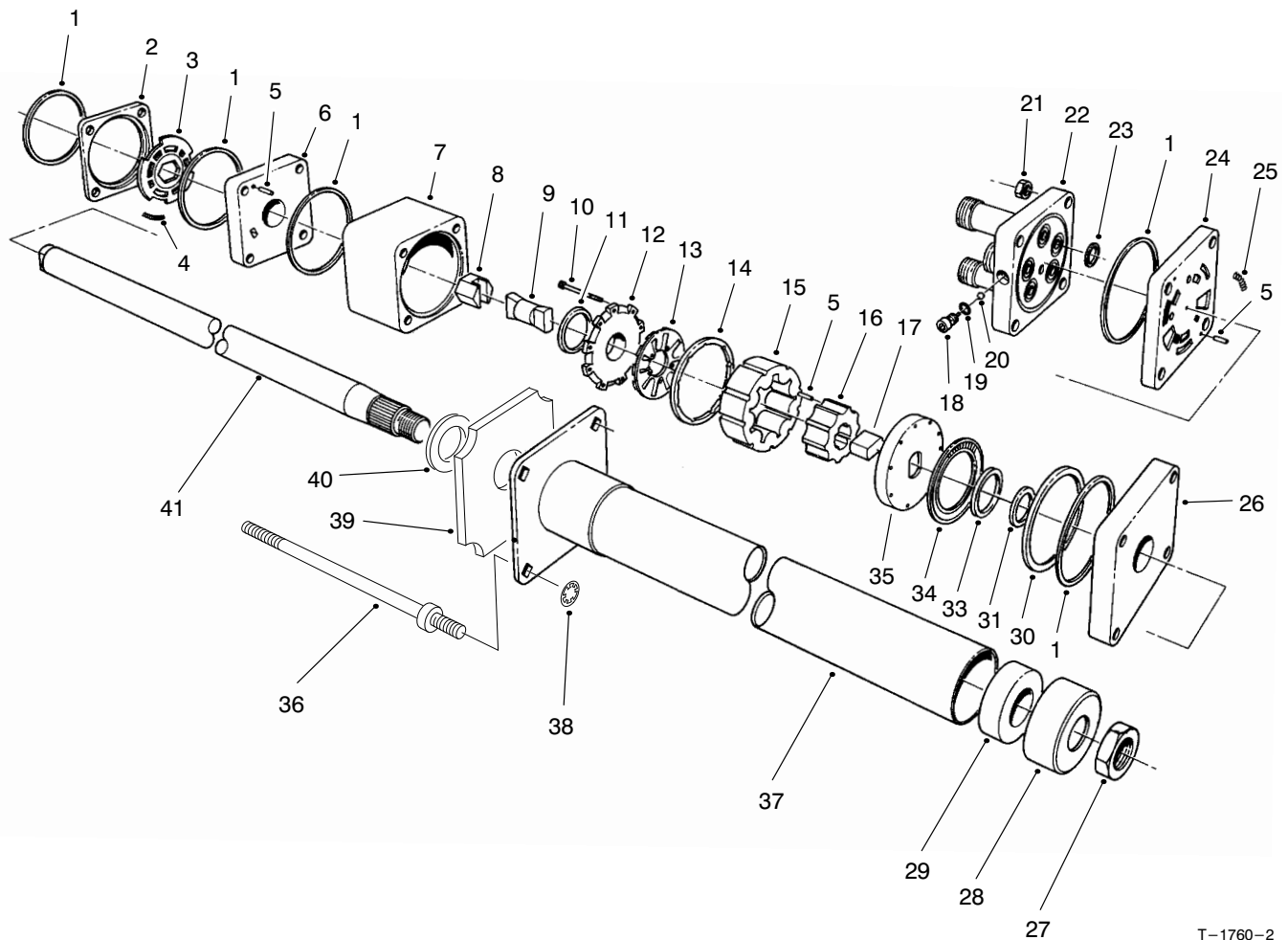


T-1247-4

## POWER STEERING & BRAKE PEDAL ASM

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	3256-23	Washer-Flat	4	24	32121-50	Pin-Roll	1
2	3296-20	Nut-Lock	4	25	3296-42	Nut-Lock	1
3	92-7308	Asm-Power Steering Valve (Incl. Ref. #7)	1	26	63-6180	Asm-Brake Pedal, LH (Incl. Ref. #27 & 30)	1
4	322-5	Screw-HH	2	27	256-42	Bushing	4
5	3220-6	Nut-Hex.	1	28	7-3900	Foot Pad-Brake	2
6	75-0560	Asm-Steering Wheel (Incl. Ref. #7 & 41)	1	29	63-6190	Asm-Brake Pedal, RH (Incl. Ref. #27 & 30)	1
7	68-5140	Asm-Steering Wheel Cap (Incl. Ref. #41)	1	30	302-5	Fitting-Grease	2
8	233-17	Knob	1	31	66-8140	Hose	1
9	63-7910	Rod-Brake Latch	1	32	66-8630	Tube-Hydraulic (Str.-Lift)	1
10	3296-29	Nut-Lock	2	33	66-8620	Tube Hydraulic (Pump-Str.)	1
12	95-1821	Spring	1	34	2412-36	Clamp	2
13	3272-5	Pin-Cotter	3	35	3256-22	Washer-Flat	3
14	3256-26	Washer-Flat	1	36	237-30	O-Ring	2
15	63-7900	Rack-Brake	1	37	66-8170	Hose-Hydraulic	2
16	63-7730	Cable-Brake RH	1	38	237-22	O-Ring	2
*	63-7731	Cable-Brake LH	1	39	21-9260	Cover-Dust	1
17	283-58	Pin-Clevis	4	40	68-5370	Decal-Toro	1
18	3272-10	Pin-Cotter	5	41	32144-21	Screw-PPH	1
19	63-6750	Link-Brake Cable	2	42	3256-23	Washer-Flat	2
20	3-7243	Spring-Return	2	43	84-7670	Foam-Column Support	2
21	321-3	Screw-HH	1	44	84-7660	Clamp-Column	1
22	63-6210	Pin-Brake	1	45	3256-69	Washer-Flat	AR
23	63-7880	Pin-Brake Latch	1	47	44-8530	Sock-Hose	1

\* Not Illustrated

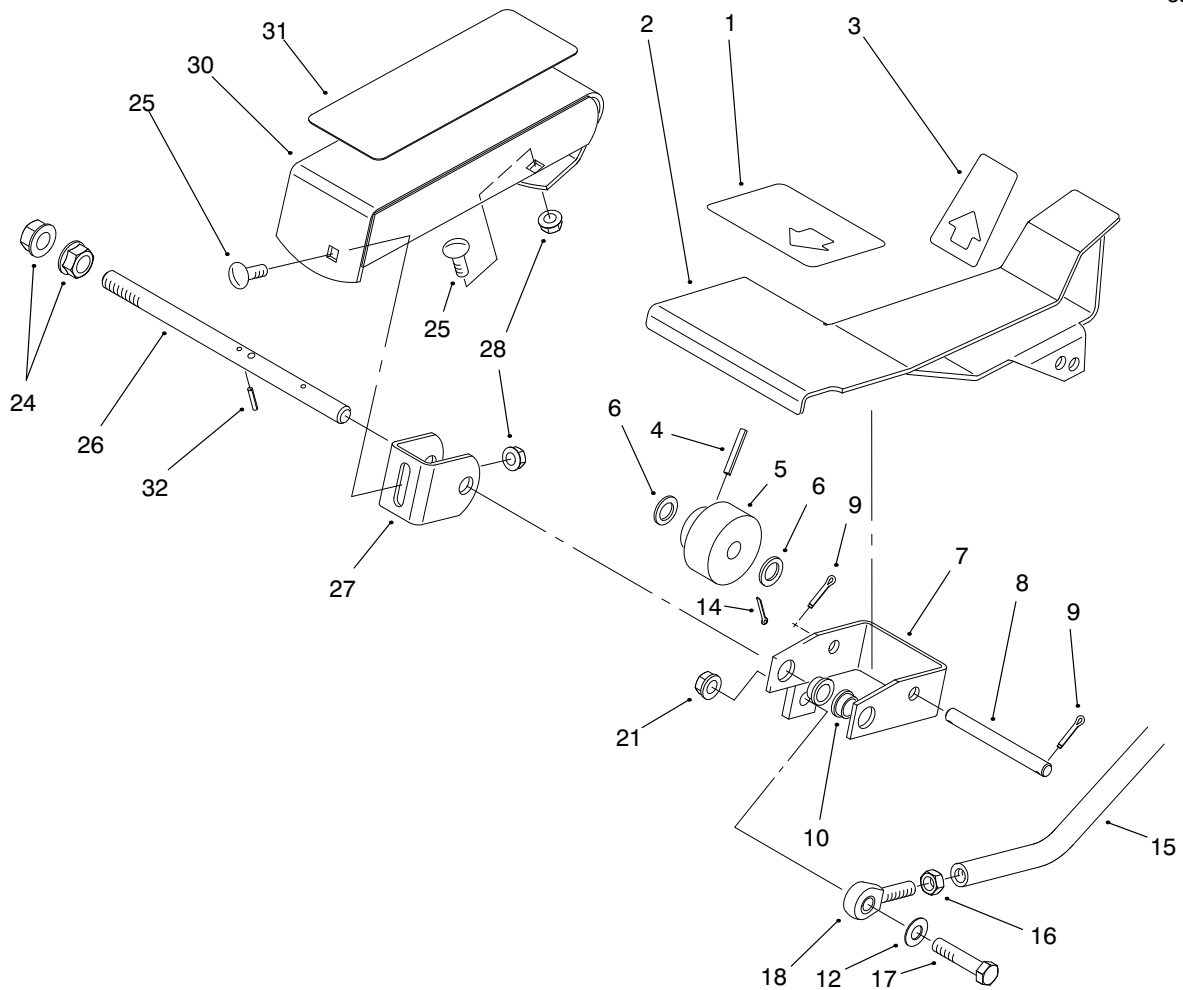


## STEERING VALVE ASM NO. 92-7308

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

Ref. No.	Part No.	Description	No. Used
26		Plate-Upper Cover	1
27	3220-6	Nut	1
28	92-7315	Seal	1
29		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	1
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 & 33)	1
*	66-9990	Kit-Needle Roller (Incl. Ref. #5)	1
*	92-7314	Asm-Column (Incl. Ref. #27-29 & 37-41)	1

\* Not Illustrated

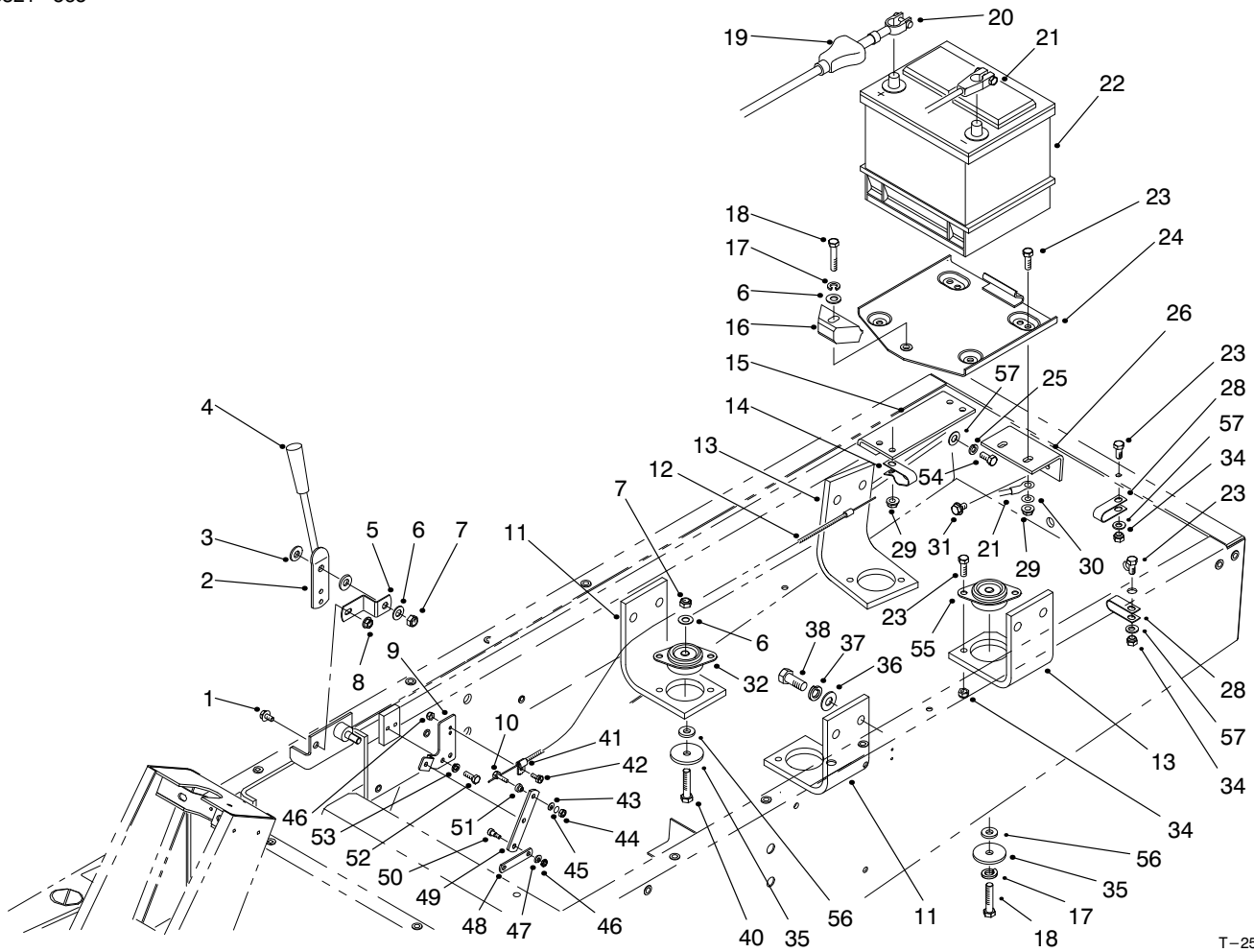


T-1806-2

## TRACTION PEDAL ASM

Ref. No.	Part No.	Description	No. Used
1	94-3307	Pad-Traction Pedal Front	1
2	94-3591	Pedal-Traction	1
3	94-3308	Pad-Traction Pedal Rear	1
4	32121-6	Pin-Roll	1
5	28-5220	Wheel-Friction	1
6	5-7570	Washer	2
7	92-8854	Bracket-Pivot	1
8	92-5537	Pin-Pedal, Pivot	1
9	3272-10	Pin-Cotter	2
10	256-156	Bushing-Flange	2
12	3256-24	Washer-Flat	1
14	3272-6	Pin-Cotter	1
15	63-6410	Rod-Pump Control	1

Ref. No.	Part No.	Description	No. Used
16	3220-3	Nut-Jam	1
17	323-29	Screw-HH	1
18	2411-36	End-Rod	1
21	3296-39	Nut-Lock	1
24	32128-56	Nut-Flange	2
25	3230-2	Bolt-CARR	2
26	92-5534	Shaft-Traction Pedal	1
27	92-5077	Bracket-Footrest	1
28	32128-44	Nut-Flange, Lock	2
30	92-5514	Footrest	1
31	92-5750	Pad-Footrest	1
32	32121-50	Pin-Roll	1



T-2515-4

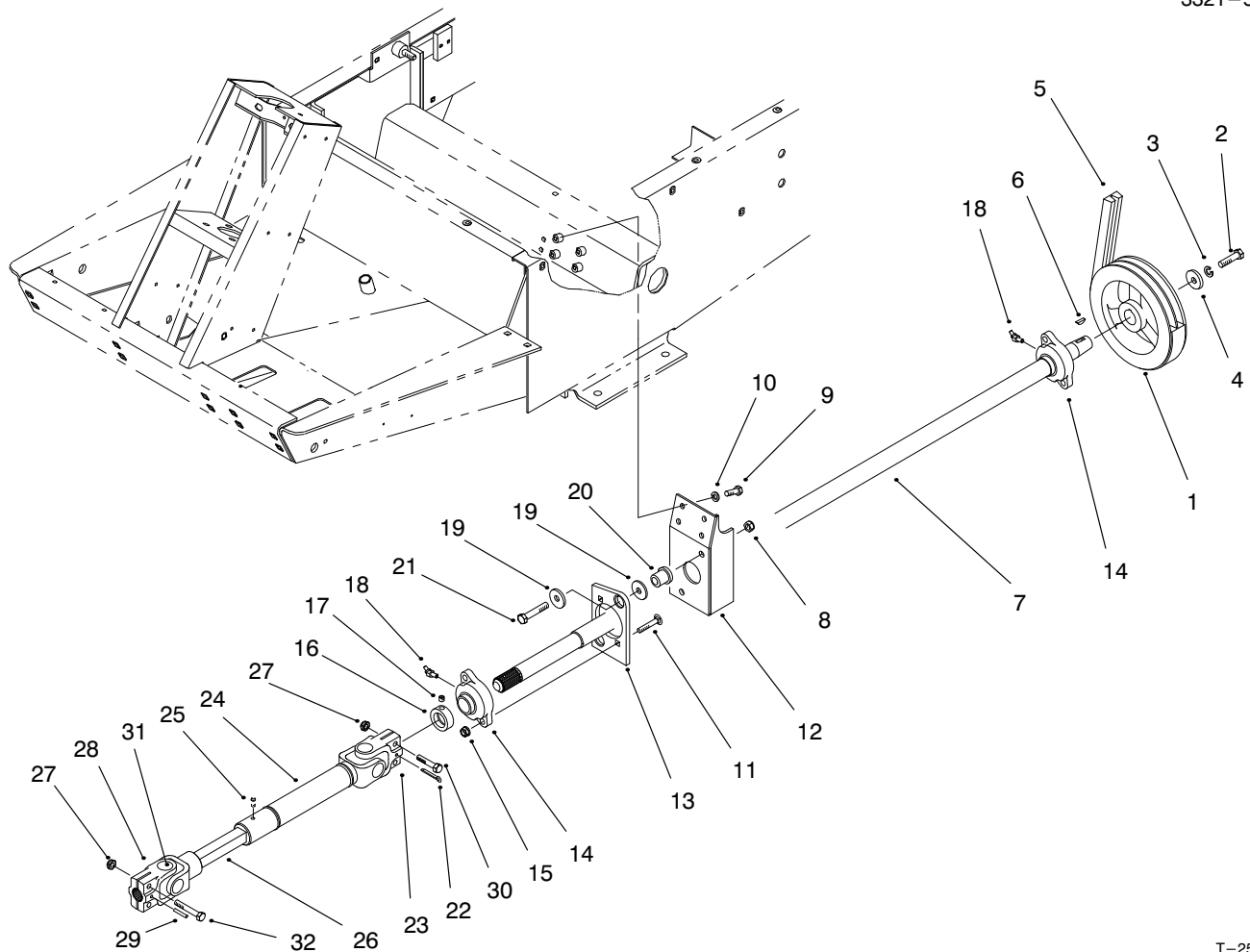
## BATTERY & ENGINE MOUNT ASM

Ref. No.	Part No.	Description	No. Used
1	3234-13	Screw-HFH	1
2	71-3500	Lever-Throttle	1
3	66-2920	Washer-Friction	2
4	233-39	Knob	1
5	66-2670	Bracket-Throttle	1
6	3256-24	Washer-Flat	5
7	3296-39	Nut-Lock	4
8	32128-33	Nut-Flange	1
9	94-6968	Bracket-Bellcrank, Throttle	1
10		Screw-Special	1
11	95-6270	Bracket-Mount, Engine	2
12	94-9426	Cable-Throttle	1
13	95-6272	Bracket-Mount, Engine RH	2
14	92-5753	Clamp-R	1
15	95-1592	Angle-Base, Battery	1
16	66-2490	Clamp-Retainer, Battery	1
17	3253-21	Washer-Lock	2
18	323-9	Screw-HH	2
19	28-1280	Boot-Cable, Positive	1
20	95-4410	Cable-Positive, Battery	1
21	63-7340	Wire-Ground	1
†22		Battery-Type 26 SMF-5	1
23	322-5	Screw-HH	13
24	94-7343	Base-Battery	1
25	3253-4	Washer-Lock	2
26	95-1599	Bracket-Base, Battery	1
28	98-3883	Clamp	2
29	32128-20	Nut-Flange	3

Ref. No.	Part No.	Description	No. Used
30	3255-8	Washer-Lock, Int. Tooth	1
31	3234-30	Screw-Flange	2
32	63-7140	Mount-Shock	3
34	3296-29	Nut-Lock	10
35	63-7400	Washer-Rebound	4
36	3256-40	Washer-Flat	8
37	3253-7	Washer-Lock	8
38	3213-2	Screw-HH	8
40	323-11	Screw-HH	3
41	2412-58	Clamp	1
42	32105-8	Screw	1
43		Washer-Flat	1
44		Nut-Hex.	1
45		Washer-Lock, Int. Tooth	1
46	3296-12	Nut-Lock	4
47	3256-51	Washer-Flat	3
48	94-9420	Link-Throttle	1
49	94-9421	Bellcrank-Throttle	1
50	94-9422	Screw-Shoulder	3
51		Sleeve-Connector	1
52	321-4	Screw-HH	2
53	3253-3	Washer-Lock	2
54	322-6	Screw-HH	2
55	63-7141	Mount-Engine	1
*	63-6760	Asm-Swivel (Incl. Ref. #10, 43-45 & 51)	1
56	80-7730	Spacer	4
57	3256-23	Washer	4

\* Not Illustrated

† Obtain locally

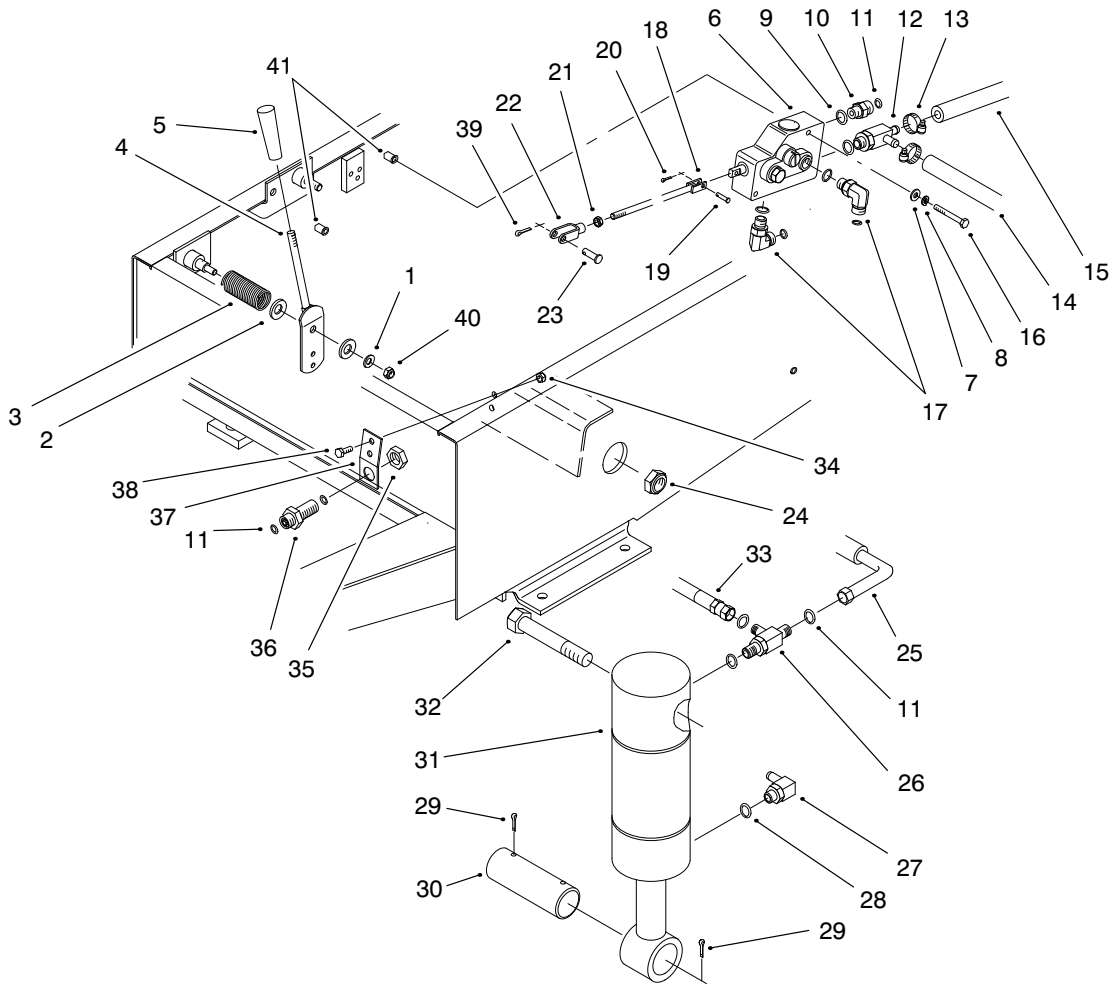


T-2522-3

## POWER TAKE-OFF & SHAFT ASM

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	94-7422	Pulley-PTO	1	18	302-40	Fitting-Grease	2
2	323-18	Screw-HH	1	19	63-8410	Washer-Flat	4
3	3253-21	Washer-Lock	1	20	63-9750	Mount	2
4	29-4730	Washer-PTO	1	21	323-10	Screw-HH	2
5	63-6240	Belt-PTO	1	22	3272-15	Pin-Cotter	1
6	3257-5	Key-Woodruff	1	23	54-9090	Yoke-End	1
7	92-8855	Shaft-PTO	1	24	54-9170	Tube-Slip Yoke	1
8	3296-39	Nut-Lock	2	25	302-58	Fitting-Grease	1
9	322-5	Screw-HH	4	26	54-9050	Shaft-Slip Yoke	1
10	3253-4	Washer-Lock	4	27	3296-29	Nut-Lock	4
11	3230-4	Bolt-CARR	2	28	54-9040	Yoke-End	1
12	92-8751	Bracket-PTO Bearing	1	29	32121-34	Pin-Roll	1
13	84-7580	Plate-Bushing Support	1	30	322-9	Screw-HH	2
14	92-8799	Asm-PTO Bearing, Shaft (Incl. Ref. #16, 17 & 18)	2	31	54-9180	Kit-Universal Joint	2
15	32149-1	Nut-Lock	2	32	322-14	Screw-HH	2
16	251-77	Collar-Locking	2	*	54-7950	Asm-Drive Shaft (Incl. Ref. #23-26, 28 & 31)	1
17	3246-1	Screw-Set	2				

\* Not Illustrated

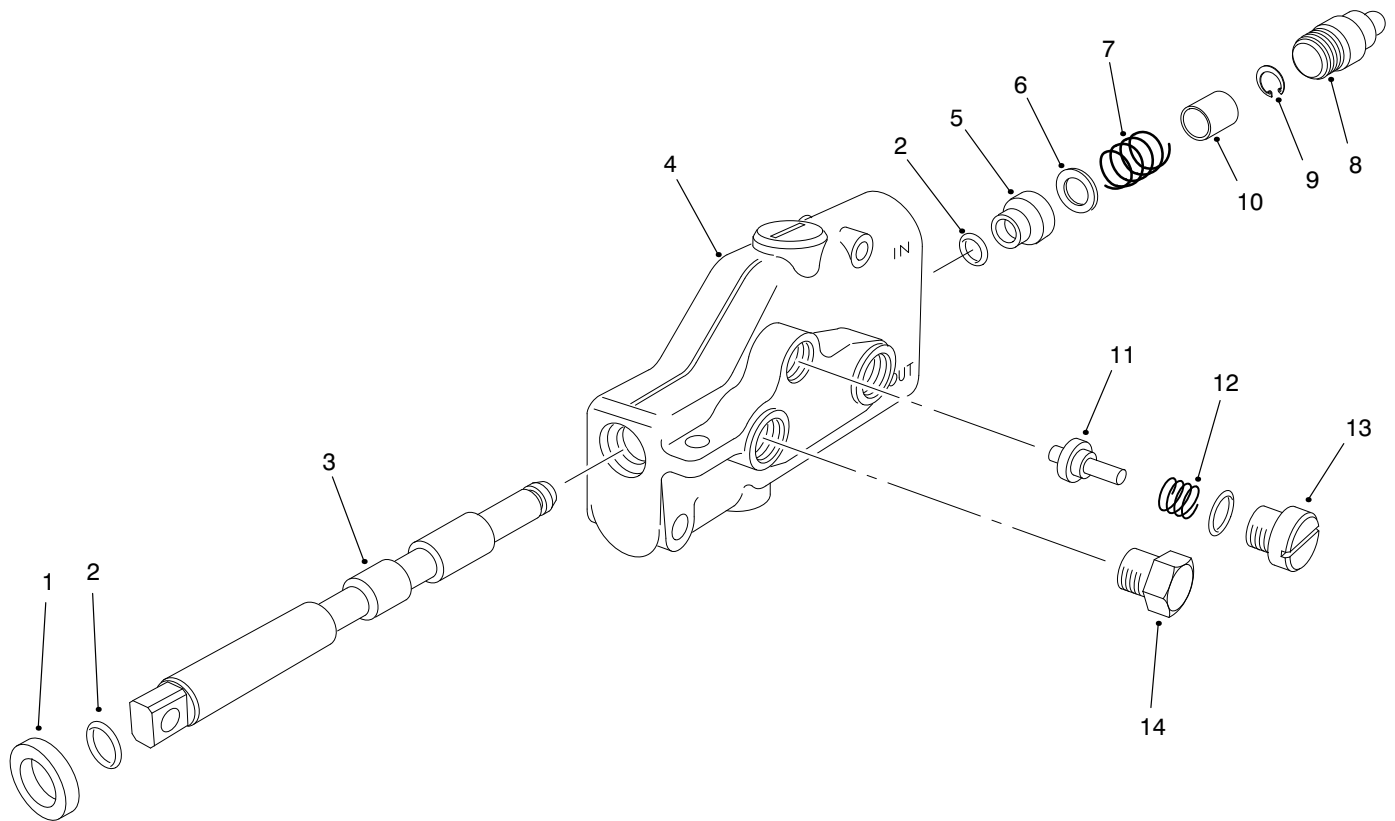


T-0531-5

## HYDRAULIC LIFT SYSTEM ASM

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	3256-23	Washer-Flat	1	24	3296-15	Nut-Lock	2
2	3256-26	Washer-Flat	2	25	66-8190	Asm-Hydraulic Hose	1
3	70-7530	Spring-Compression	1	26	340-86	Fitting-Hydraulic Tee (Incl. Ref. #9 & 11) (Used On Cap End Left Cylinder)	1
4	66-2720	Lever-Lift	1	*	340-77	Fitting-Hydraulic 90° (Incl. Ref. #9 & 11) (Used On Cap End Right Cylinder)	1
5	233-39	Knob	1	27	304-99	Fitting-Hydraulic 90° (Incl. Ref. #28)	2
6	63-7960	Valve-Lift	1	28	237-22	O-Ring	2
7	3256-22	Washer-Flat	2	29	3272-23	Pin-Cotter	4
8	3253-3	Washer-Lock	2	30	27-4240	Pin-Cylinder	2
9	237-65	O-Ring	5	31	63-6630	Cylinder-Lift	2
10	340-2	Fitting-Hydraulic Straight (Incl. Ref. #9 & 11)	1	32	3216-3	Screw-HH	2
11	237-22	O-Ring	7	33	66-8640	Asm-Hydraulic Hose	1
12	66-3130	Fitting-Hydraulic Tee (Incl. Ref. #9)	1	34	3296-42	Nut-Lock	2
13	2412-36	Clamp-Hose	2	35	340-70	Nut-Fitting	1
14	66-8150	Hose-Hydraulic	1	36	340-71	Fitting-Hydraulic Bulkhead (Incl. Ref. #11 & 35)	1
15	66-8500	Hose	1	37	63-7410	Bracket-Bulkhead	1
16	321-11	Screw-HH	2	38	321-4	Screw-HH	2
17	340-77	Fitting-Hydraulic 90° (Incl. Ref. #9 & 11)	2	39	3272-10	Pin-Cotter	1
18	76-4830	Rod-Tie	1	40	3296-29	Nut-Lock	1
19	283-16	Pin-Clevis	1	41	32148-11	Nut-Clinch	2
20	3272-5	Pin-Cotter	1				
21	3220-2	Nut-Jam RH	1				
22	282-27	Clevis	1				
23	283-58	Pin-Clevis	1				

\* Not Illustrated

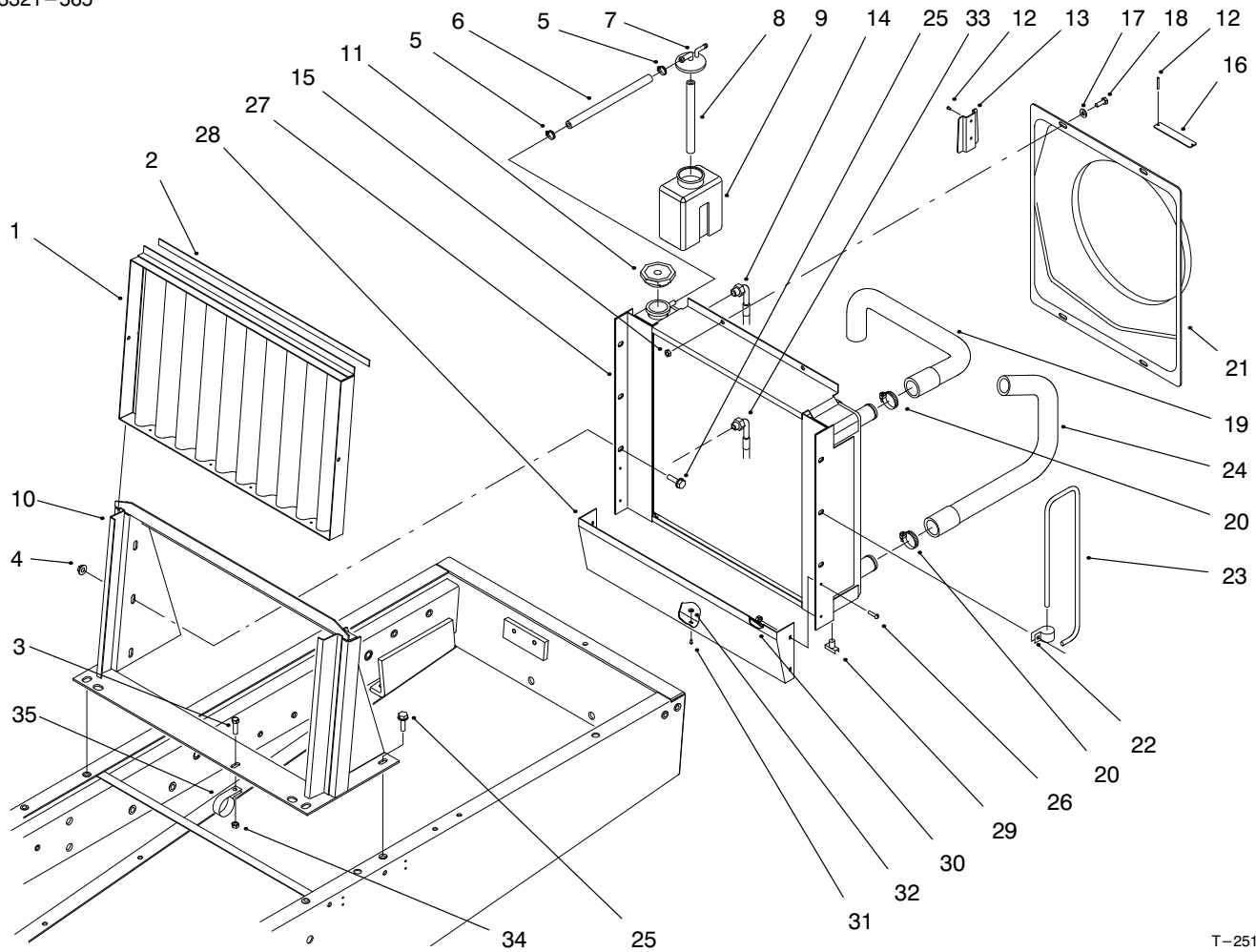


T-0532-2

## LIFT VALVE ASM NO. 63-7960

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	58-6320	Wiper-Seal	1	9	58-6460	Ring-Retaining	1
2	58-6450	O-Ring	2	10	65-2740	Spacer	1
3		Spool	1	11	65-2750	Plunger	1
4		Body	1	12	65-2760	Spring	1
5	58-6400	Bushing	1	13	65-2930	Asm-Plug	1
6	65-2770	Washer	1	14	353-508	Asm-Plug	1
7	65-2950	Spring	1	*	63-7960	Asm-Lift Valve (Incl. Ref. #3 & 4)	1
8	58-6420	Asm-Cap	1				

\* Not Illustrated



T-2517-2

## RADIATOR ASM

Ref. No.	Part No.	Description	No. Used
1	63-7700	Asm-Screen Frame	1
2	63-7710	Magnetic Strip	1
3	3234-17	Screw-HFH	1
4	32128-20	Nut-Lock, Whiz	6
5	2412-108	Clamp-Hose	2
6	93-2260	Hose	1
†7	820287	Cap	1
8	96-1215	Hose	1
†9	825069	Bottle	1
10	92-5757	Asm-Radiator, Support	1
11	66-3240	Cap-Radiator	1
12	3290-271	Rivet	4
13	94-7337	Bracket-Overflow, Bottle	1
14	66-8180	Asm-Hose	1
15	3296-42	Nut-Lock	4
16	76-8750	Plate-Warning	1
17	3256-22	Washer-Flat	4
18	321-4	Screw-HH	4

Ref. No.	Part No.	Description	No. Used
19	94-6756	Hose-Upper	1
20	2412-34	Clamp-Hose	4
21	94-6750	Shroud-Fan	1
22	2412-103	R-Clamp	2
23	71-1540	Tube-Vent	1
24	94-7421	Hose-Lower	1
25	3234-5	Screw-Flange	8
26	3249-3	Screw-Round Hd.	2
27	63-6150	Asm-Radiator	1
28	63-6440	Shield-Radiator	1
29	304-46	Drain Cock	1
30	3217-29	Nut-Hex.	2
31	3269-13	Rivet	3
32	3269-10	Washer-Flat	3
33	66-8500	Assembly-Hose	1
34	32128-20	Nut-Lock	1
35	2412-147	R-Clamp	1

† Obtain from Briggs & Stratton

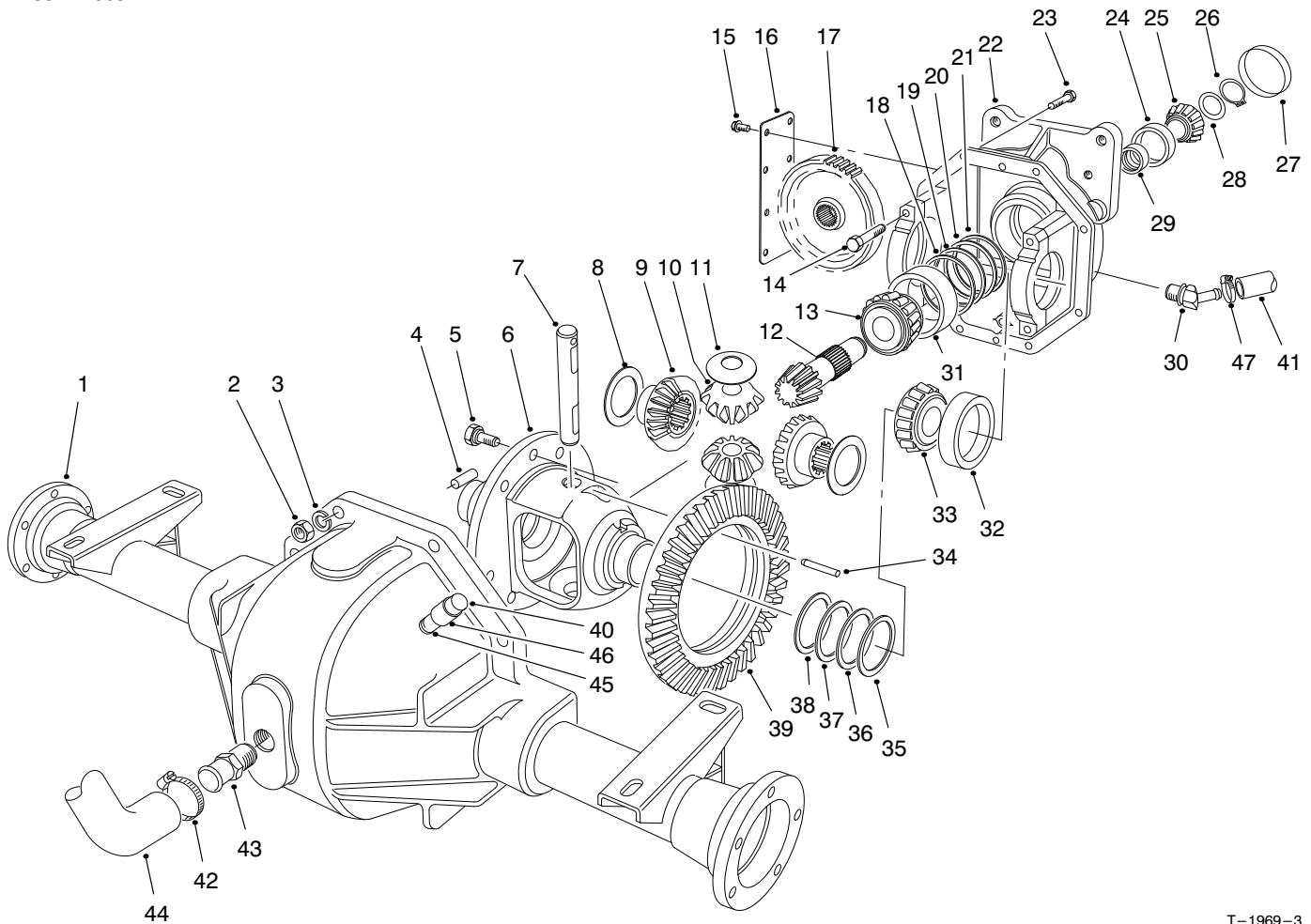


T-0840-5

## FUEL TANK AND AXLE ASM

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	32122-24	Screw-Machine	5	25	98-2348	Asm-Pivot Pin (Incl. Ref. #43 & 44)	2
2	3253-15	Washer-Lock	5	26	3256-25	Washer-Flat	4
3	63-7640	Sender-Fuel	1	27	324-5	Screw-HH	4
4	94-1349	Hose	1	31	98-2328	Carrier Bracket	2
8	93-3101	Cap-Fuel	1	33	3272-17	Pin-Cotter	2
9	2412-36	Clamp	1	34	86-9640	Asm-Axle	1
10	353-536	Fitting-90°	1	35	3273-38	Screw-HSH	4
11	42-6080	Shim-Axle	A/R	36	66-3060	Dipstick-Differential	1
12	3256-67	Washer-Flat	3	37	63-7627	Hose-Fuel	1
13	237-136	Grommet	3	38	62-7650	Gasket	1
14	3253-3	Washer-Lock	3	39	98-5002	Tank-Fuel	1
15	321-5	Screw-HH	3	40	46-6560	Bushing	1
16	3296-48	Nut-Lock	4	41	94-6765	Connector-90°	1
17	3253-8	Washer-Lock	4	42	2412-108	Clamp	3
18	231-101	Tire	2	43	32121-49	Pin-Spring	2
*	231-95	Tire-23" x 10.5" x 12" 4 Ply (Optional)	2	44	32121-71	Pin-Spring	2
*	69-9880	Tire-23" x 10.5" x 12" 6 Ply (Optional)	2	45	98-7926	Spacer-Lift Arm	4
19	217-117	Rim	2	*	62-7020	Asm-Wheel & Tire (23" x 10.5" x 12" 4 Ply) (Optional)	2
*	217-116	Rim-23" x 10.5" x 12" (Optional)	2	*	69-9870	Asm-Wheel & Tire (23" x 10.5" x 12" 6 Ply) (Optional)	2
20	23-7270	Nut-Lug	10				
21	232-27	Valve Stem w/Cap	2				

\* Not Illustrated



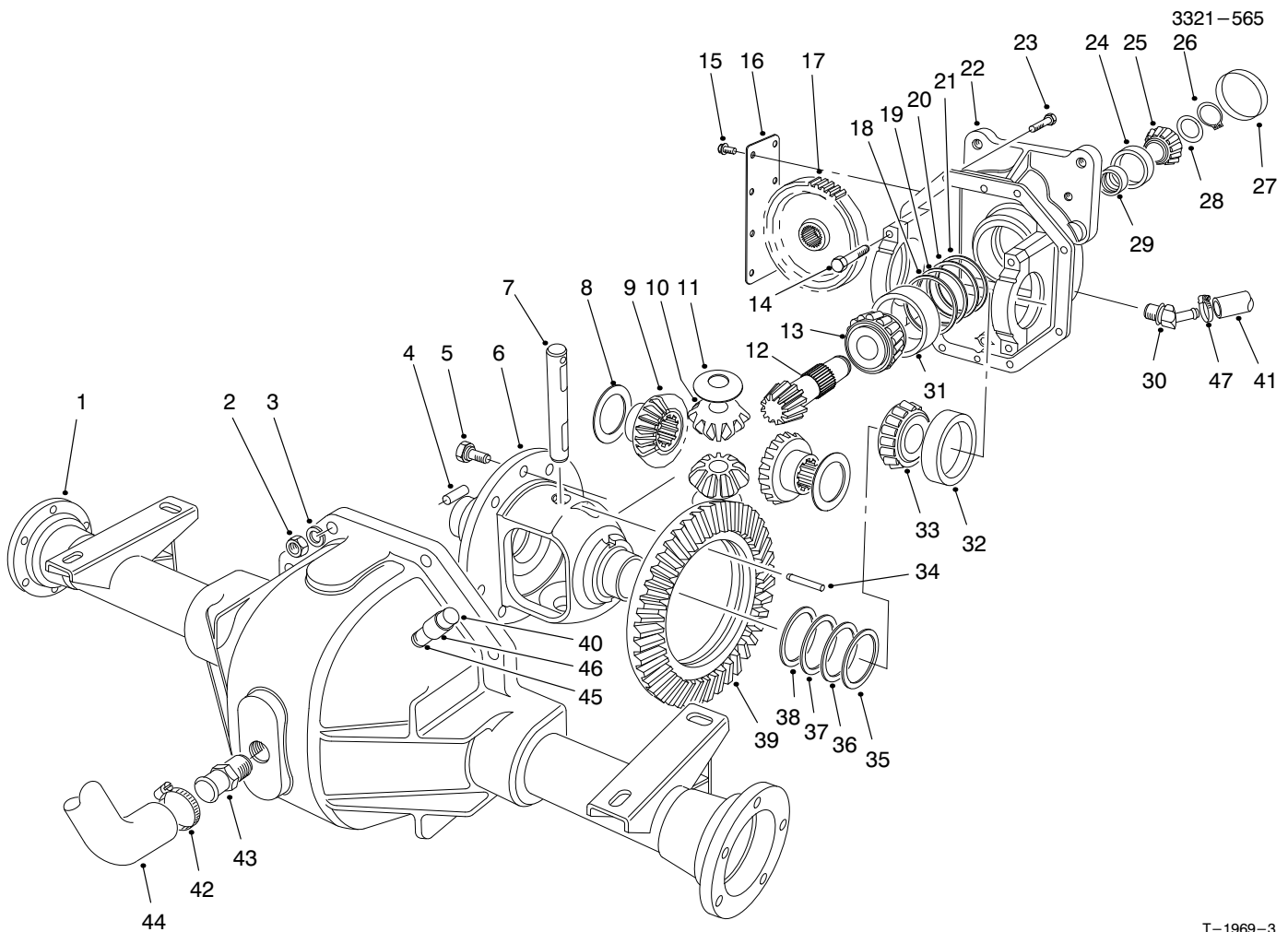
T-1969-3

## DIFFERENTIAL ASM

Ref. No.	Part No.	Description	No. Used
1	63-8090	Asm-Lower Housing	1
2	3219-2	Nut	8
3	3255-8	Washer-Lock	8
4	21-8270	Pin-Dowel	2
5	21-7770	Screw-Drive Gear	5
6	21-7670	Differential Case	1
7	21-7700	Shaft-Pinion Mate	1
8	21-7720	Washer-Thrust	2
9	24-8790	Gear-Bevel, Differential	2
10	21-7690	Gear-Pinion	2
11	21-7730	Washer-Thrust	2
12		Drive Pinion	1
13	43-6760	Cone-Bearing, Tapered	1
14	92-1773	Screw-HH	4
15	12-5450	Screw-Thread Forming	8
16	21-7830	Cover-Gear	1
17	86-7230	Gear-Spur	1
18	43-6710	Shim Adjusting Differential Bearing .003	A/R
19	43-6711	Shim Adjusting Differential Bearing .005	A/R
20	43-6712	Shim Adjusting Differential Bearing .010	A/R
21	43-6713	Shim Adjusting Differential Bearing .030	A/R
22	86-7930	Upper Housing Assembly (Incl. Ref. #14)	1
23	3210-7	Screw-HH	8

Ref. No.	Part No.	Description	No. Used
24	254-90	Cup-Bearing	1
25	254-91	Cone-Bearing	1
26	43-6550	Ring-Retaining	1
27	21-7850	Cap Plug	1
28	46-2210	Shim Front Pinion Bearing (.031)	A/R
*	46-2211	Shim Front Pinion Bearing (.033)	A/R
*	46-2212	Shim Front Pinion Bearing (.035)	A/R
*	46-2213	Shim Front Pinion Bearing (.037)	A/R
*	46-2214	Shim Front Pinion Bearing (.039)	A/R
*	46-2215	Shim Front Pinion Bearing (.041)	A/R
*	46-2216	Shim Front Pinion Bearing (.043)	A/R
*	46-2220	Shim Front Pinion Bearing (.045)	A/R
*	46-2221	Shim Front Pinion Bearing (.047)	A/R
*	46-2222	Shim Front Pinion Bearing (.049)	A/R
*	46-2223	Shim Front Pinion Bearing (.051)	A/R
*	46-2224	Shim Front Pinion Bearing (.053)	A/R

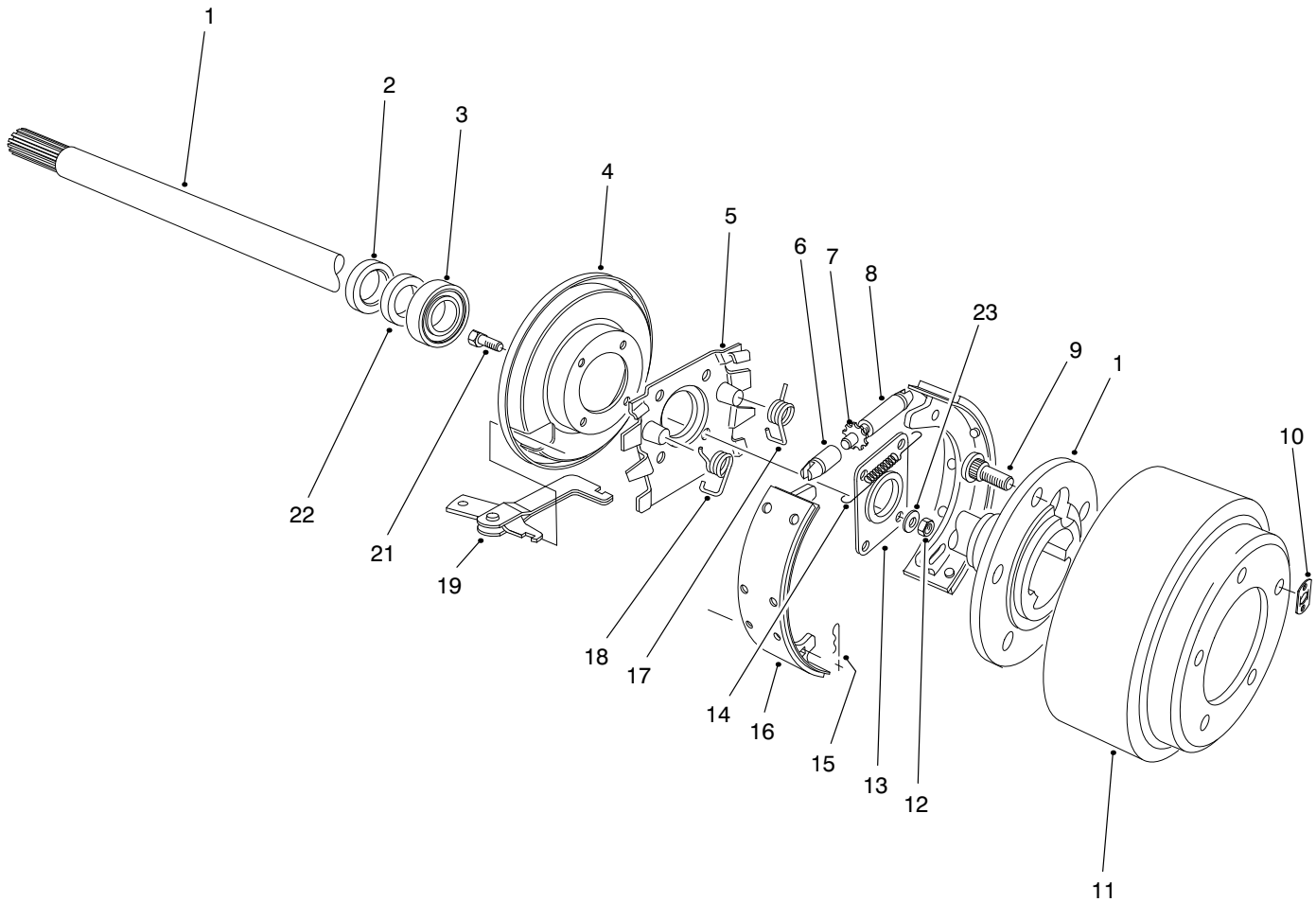
\* Not Illustrated



T-1969-3

## DIFFERENTIAL ASM (Continued)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
*28	46-2225	Shim Front Pinion Bearing (.055)	A/R	*28	46-2425	Shim Front Pinion Bearing (.086)	A/R
*	46-2226	Shim Front Pinion Bearing (.057)	A/R	*	46-2426	Shim Front Pinion Bearing (.088)	A/R
*	46-2410	Shim Front Pinion Bearing (.062)	A/R	29	21-8020	Spacer-Frt. Pinion Bearing	1
	46-2411	Shim Front Pinion Bearing (.064)	A/R	30	92-5088	Fitting-45°	1
*	46-2412	Shim Front Pinion Bearing (.066)	A/R	31	43-6750	Cup-Tapered, Bearing	1
*	46-2413	Shim Front Pinion Bearing (.068)	A/R	32	254-66	Cup-Tapered, Bearing	2
*	46-2414	Shim Front Pinion Bearing (.070)	A/R	33	254-65	Cone-Tapered, Bearing	2
*	46-2415	Shim Front Pinion Bearing (.072)	A/R	34	32121-15	Pin-Roll	1
*	46-2416	Shim Front Pinion Bearing (.074)	A/R	35	21-8090	Diff. Adjust. Shim. .003	A/R
*	46-2420	Shim Front Pinion Bearing (.076)	A/R	36	21-8100	Diff. Adjust. Shim. .005	A/R
	46-2421	Shim Front Pinion Bearing (.078)	A/R	37	21-8110	Diff. Adjust. Shim. .010	A/R
*	46-2422	Shim Front Pinion Bearing (.080)	A/R	38	21-8120	Diff. Adjust. Shim. .030	A/R
*	46-2423	Shim Front Pinion Bearing (.082)	A/R	39		Gear-Ring	1
*	46-2424	Shim Front Pinion Bearing (.084)	A/R	40	72-9420	Asm-Vent	1
				41	92-5083	Hose-Hydraulic	1
				42	2412-34	Clamp-Hose	2
				43	354-71	Pipe Nipple	1
				44	77-0550	Tube-Fill	1
				45	289-6	Nipple-Pipe	1
				46	2810-1	Coupler	1
				*	92-4848	Asm-Gear & Pinion (Incl. Ref. #12 & 39)	1
				47	2412-119	Clamp-Hose	1
				*	92-4909	Asm-Differential Carrier (Incl. Ref. #5-22, 24-29 & 31-39)	1



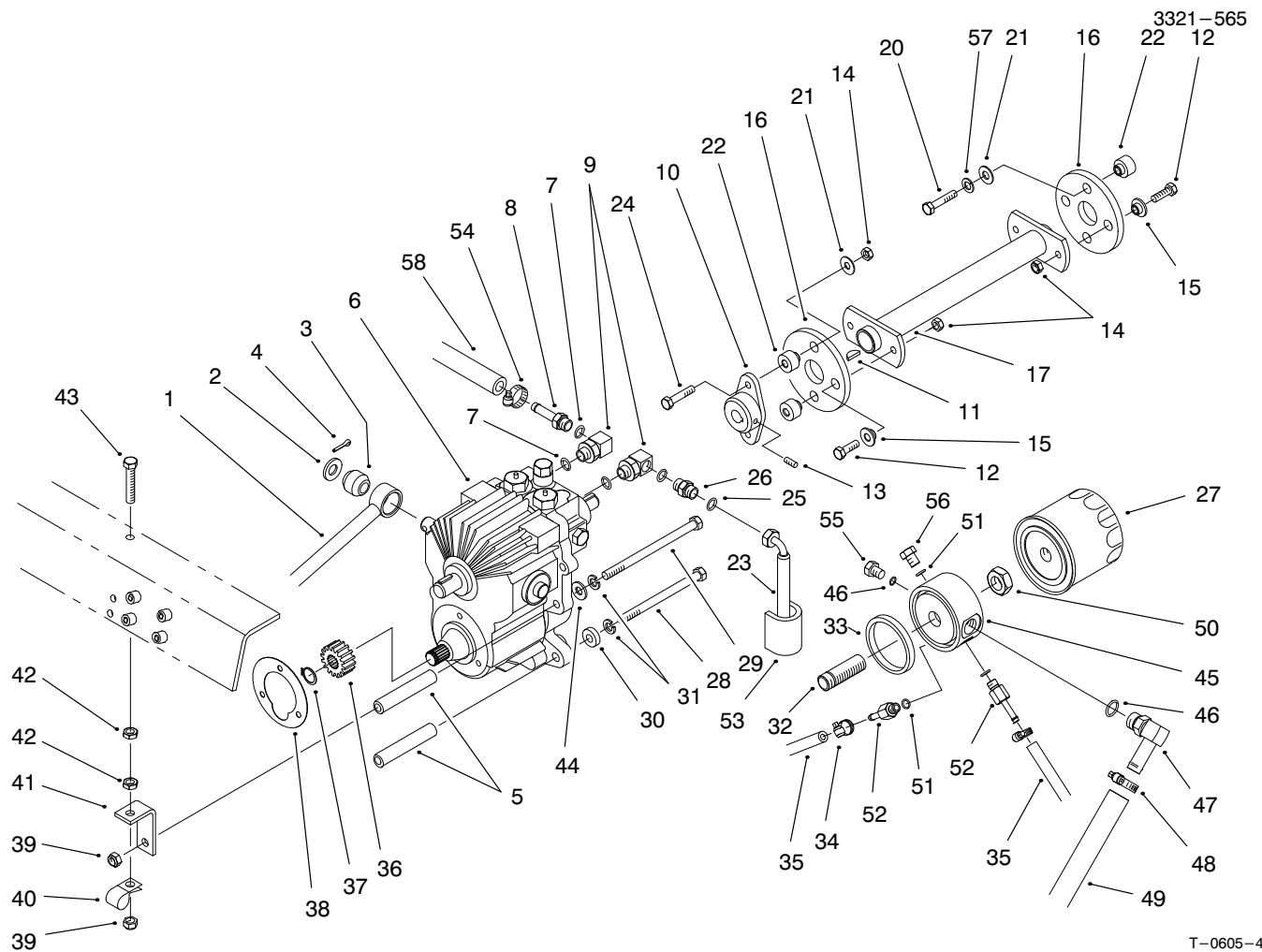
T-2664-2

## BRAKE ASM

Ref. No.	Part No.	Description	No. Used
1	27-6861	Shaft-Flanged Axle LH	1
*	27-6851	Shaft-Flanged Axle RH	1
2	92-1774	Oil Seal	2
3	21-8180	Bearing-Tapered Roller	2
4	21-9450	Dust Shield	2
5	43-6810	Torque Spider	2
6	21-9390	Socket-Adjusting Screw	2
7	21-9370	Adjusting Screw	2
8	21-9380	Nut-Pivot	2
9	242-34	Stud-Axle Flange	10
10	21-8360	Clip-Retaining	2
11	28-0680	Brake Drum	2
12	94-6935	Nut-Lock, Flange Hd.	8

Ref. No.	Part No.	Description	No. Used
13	28-0670	Oil Seal	2
14	21-9440	Screw-Spring Adjusting	2
15	21-9460	Retainer-Parking Brake	4
16	84-8600	Brake Shoe Set (Incl. 4 Shoes)	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-Flat	8
*	92-8775	Kit-Liquid Gasket	1

\* Not Illustrated

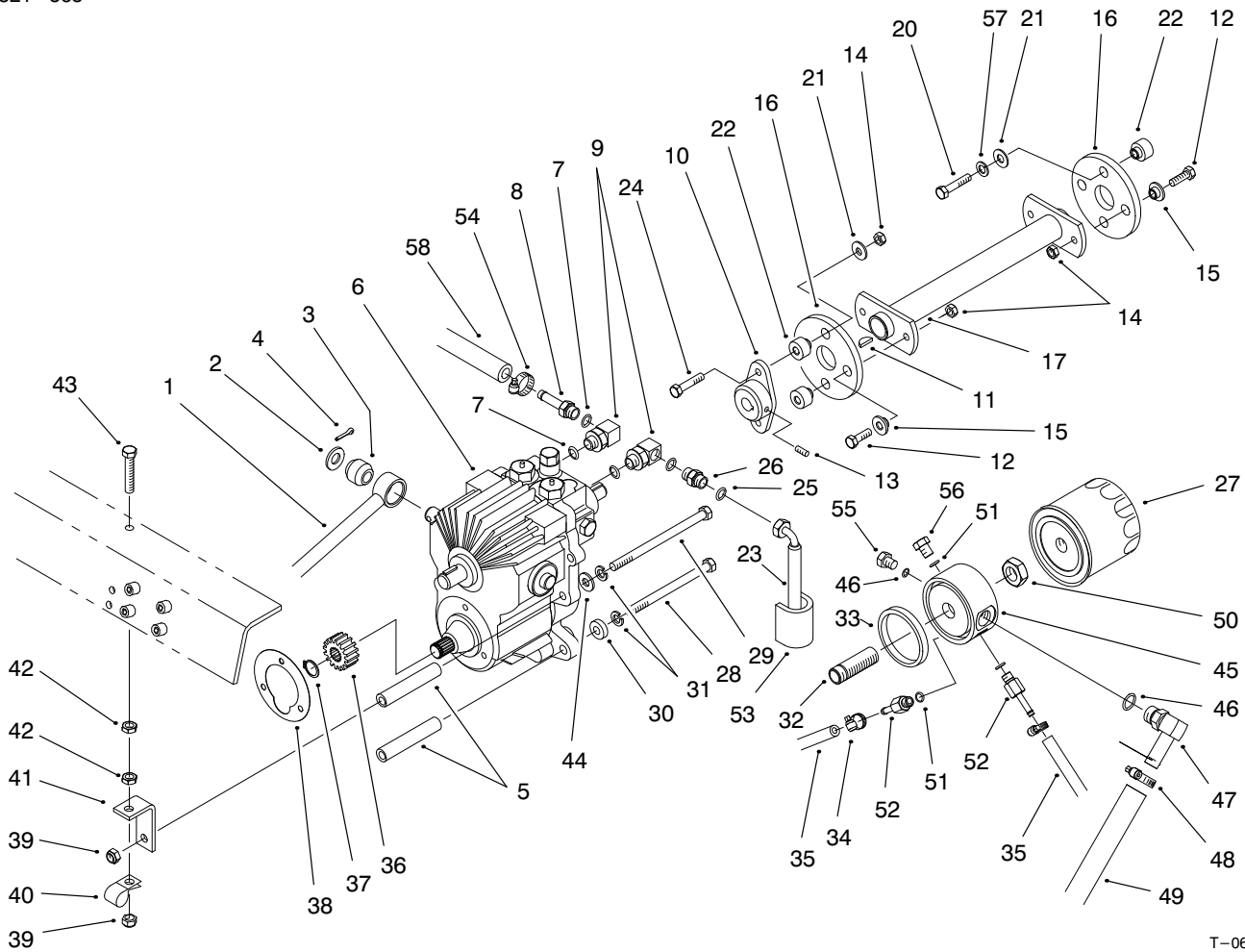


T-0605-4

## TRANSMISSION & DRIVE COUPLING ASM

Ref. No.	Part No.	Description	No. Used
1	63-6410	Tube-Traction Control	1
2	3256-26	Washer-Flat	1
3	23-2270	Bushing-Rubber	1
4	3272-10	Pin-Cotter	1
5	27-3680	Spacer-Mounting	4
6	92-5513	Transmission	1
7	237-42	O-Ring	4
8	353-979	Hose Barb	1
9	66-3110	Hyd. Fitting	2
10	27-4370	Hub-Pump	1
11	3257-5	Key-Woodruff	1
12	3210-5	Screw-HH	4
13	3241-6	Screw-Set	2
14	32152-5	Nut-Lock	6
15	27-6600	Spacer-Rubber	4
16	44-2230	Coupling-Rubber	2
17	94-9400	Drive Shaft	1
20	33104-040	Screw-HH	2
21	3256-71	Washer-Flat	4
22	27-6590	Spacer	4
23	66-8490	Asm-Hose	1
24	3210-8	Screw-HH	2
25	237-22	O-Ring	1
26	82-8530	Fitting	1
27	23-2300	Oil Filter	1

Ref. No.	Part No.	Description	No. Used
28	323-39	Screw-HH	3
29	27-9620	Screw-HH	1
30	5-0652	Spacer	1
31	3253-21	Washer-Lock	4
32	92-5085	Union Filter	1
33	92-5087	Seal-Adapter, Filter	1
34	2412-108	Hose Clamp	4
35	92-5082	Hose	2
36	86-7220	Gear-Spur	1
37	32120-72	Ring-Retaining	1
38	27-3690	Gasket-Transmission	1
39	3296-39	Nut-Lock	2
40	2412-4	R-Clamp	1
41	63-7170	Anchor-Transmission	1
42	3218-3	Nut-Jam	2
43	67-1900	Screw-HH	1
44	3256-24	Washer-Flat	1
45	92-5076	Adapter-Filter	1
46	237-79	O-Ring	2
47	92-5086	Fitting-Hydraulic 45° (Incl. Ref. #46)	1
48	2412-119	Clamp-Hose	1
49	92-5083	Hose-Hydraulic	1
50	3220-7	Nut-Jam	1
51	237-78	O-Ring	3

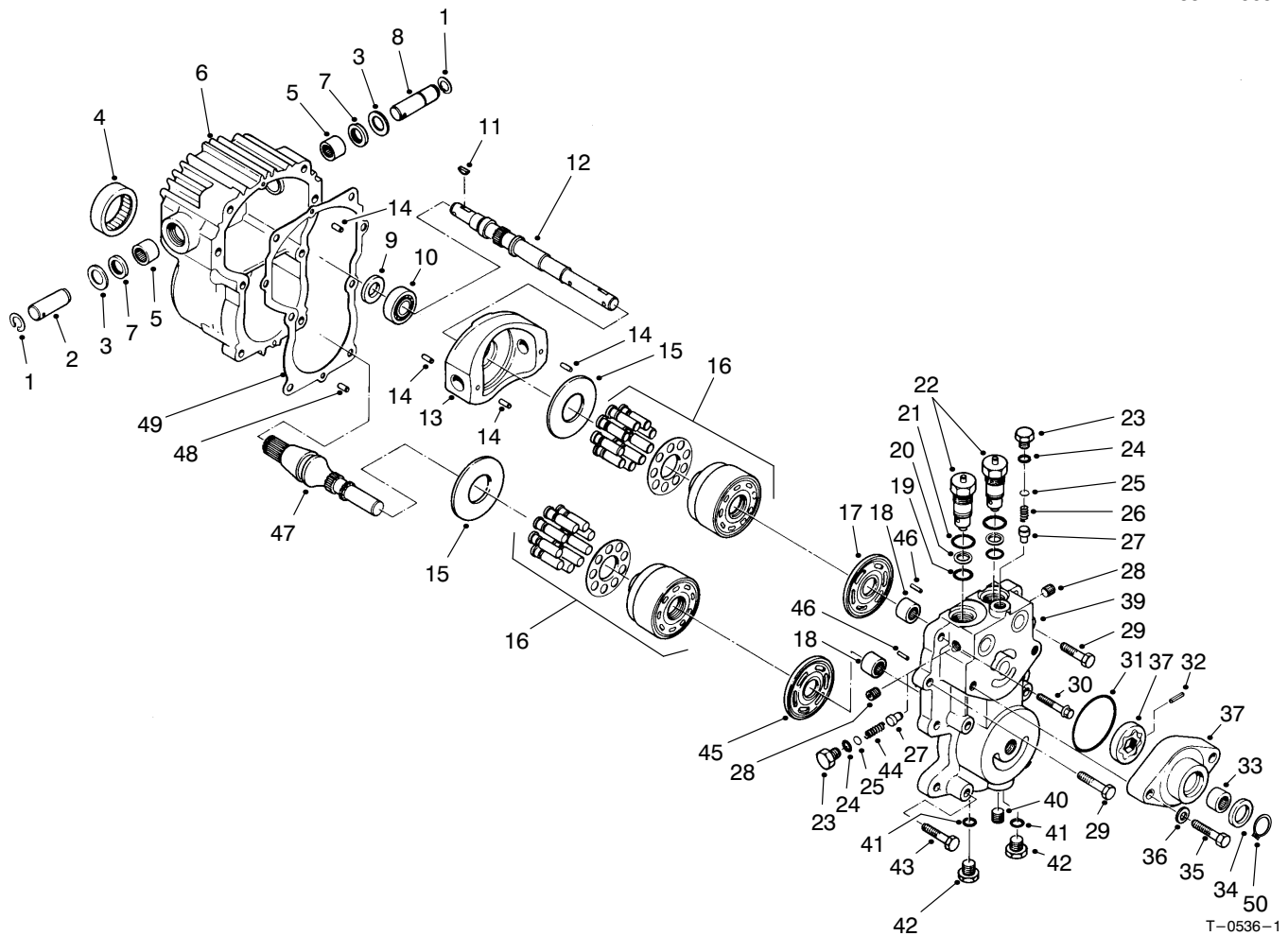


T-0605-4

## TRANSMISSION & DRIVE COUPLING ASM (Cont.)

Ref. No.	Part No.	Description	No. Used
52	92-5512	Fitting-Hydraulic, Straight (Incl. Ref. #51)	2
53	38-3400	Bumper-Rubber	1
54	2412-36	Clamp-Hose	1
55	353-988	Plug-Hydraulic (Incl. Ref. #46)	1

Ref. No.	Part No.	Description	No. Used
56	353-990	Plug-Hydraulic (Incl. Ref. #51)	1
57	42-9850	Washer-Lock	2
58	66-8150	Hose-Hydraulic	1



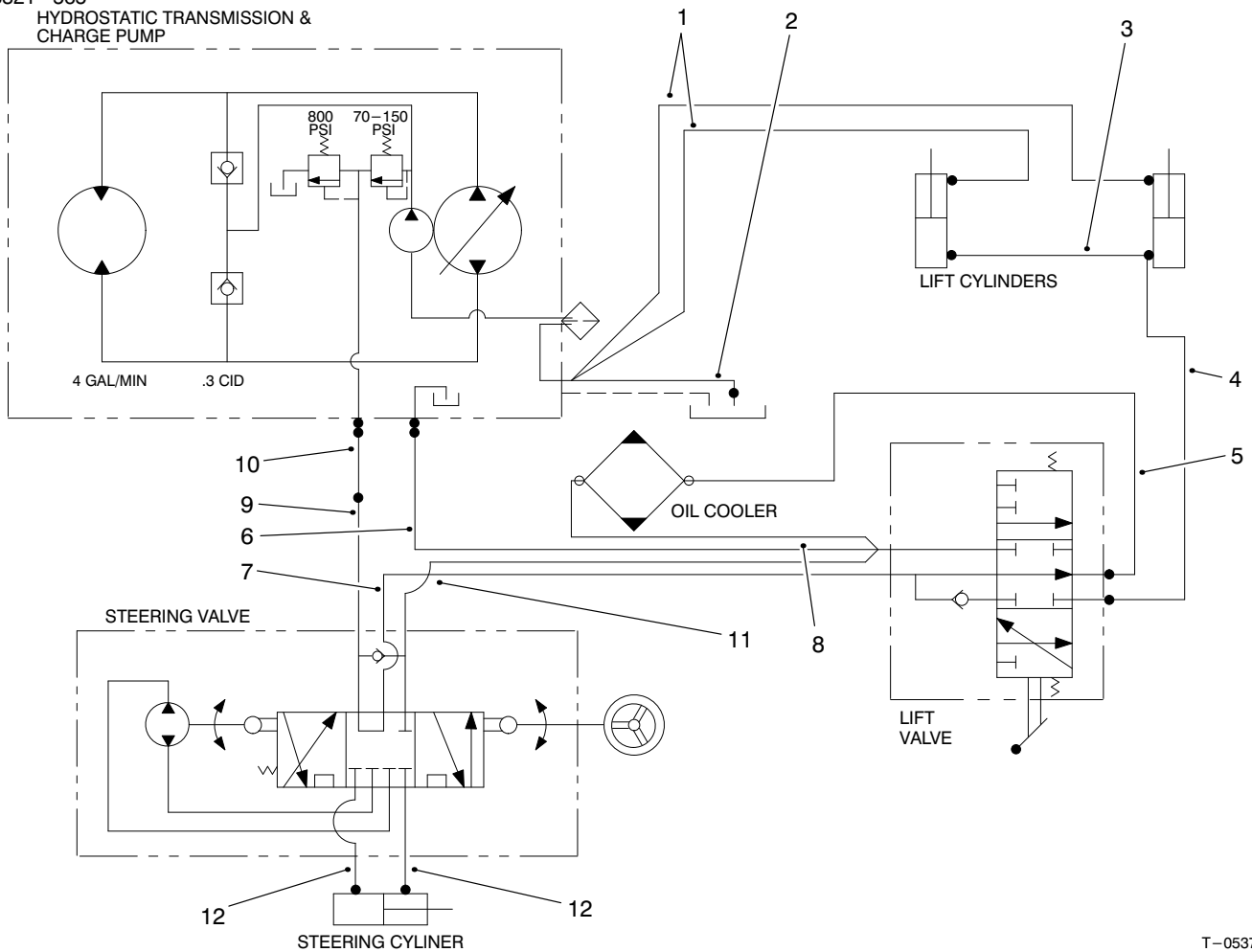
## TRANSMISSION ASM NO. 92-5513

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	32151-46	Ring-Retaining	2	27	28-3420	Relief Valve Cone Chg.	2
2	25-2500	Shaft-Trunnion	1	28	285-17	Plug-Pipe	4
3	25-2510	Washer	2	29	323-8	Screw-HH	2
4	28-3300	Bearing-Roller	1	30	28-3530	Screw-HH	2
5	28-3310	Bearing-Needle	2	31	28-3520	O-Ring	1
6	92-5709	Housing	1	32	38-2680	Pin	1
7	25-3210	Lip Seal	2	33	28-3480	Bearing-Needle	1
8	28-3670	Shaft-Trunnion	1	†34	28-3470	Lip Seal	1
9	93-4133	Lip Seal	1	‡34	94-2975	Shaft-Seal	1
10	28-3650	Bearing-Ball	1	35	324-23	Screw-HH	2
11	3257-5	Key-Woodruff	2	36	28-3450	Washer-Flat	2
12	28-3640	Shaft-Pump	1	37	38-2670	Kit-Charge Pump (Incl. Ref. #31-34 & 50)	1
13	49-7820	Variable Swashplate	1	39	92-5716	Center Section	1
14	32121-91	Pin	3	40	92-5717	Plug-Pipe	1
15	25-2380	Plate-Thrust	2	41		O-Ring	2
16	48-1800	Kit-Cylinder Block	2	42	28-3440	Threaded Plug (Incl. Ref. #41)	2
17	46-7320	Plate-Pump Valve	1	43	323-10	Screw-HH	4
18	25-3300	Bearing-Needle	2	44	25-2480	Relief Valve Spring Chg.	1
19	28-3590	O-Ring	2	45	28-3380	Plate-Motor Valve	1
20	28-3580	Ring-Backup	2	46	25-2430	Pin	2
21	28-3570	O-Ring	2	47	49-8200	Shaft-Motor	1
22	49-7830	Asm-Check Valve (Incl. Ref. #19-21)	2	48	28-3350	Pin	2
23	25-2460	Hex Hd. Plug	2	49	28-3340	Gasket	1
24	28-3400	O-Ring	2	‡50	94-2976	Ring-Retaining	1
25	25-2470	Shim Pack	A/R				
26	46-7310	Relief Valve Spring Imp.	1				

† Used on transmission serial no. 94-39999 and before.

‡ Used on transmission serial no. 94-40000 and after.

3321-565  
HYDROSTATIC TRANSMISSION &  
CHARGE PUMP

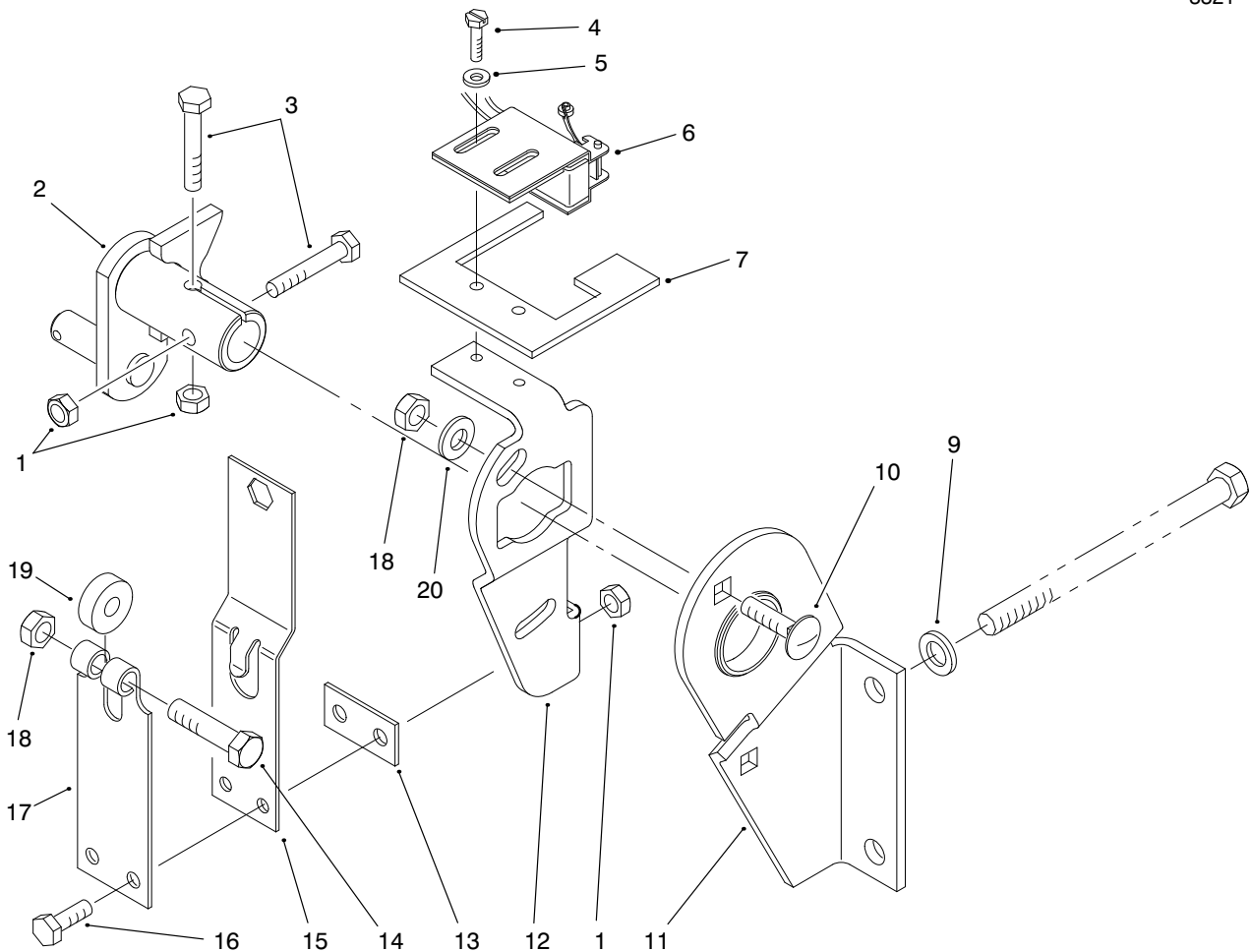


T-0537-4

# HYDRAULIC SCHEMATIC

Ref. No.	Part No.	Description	No. Used
1	92-5082	Hose	2
2	92-5083	Hose	1
3	66-8190	Hose	1
4	66-8640	Hose	1
5	66-8180	Hose	1
6	66-8150	Hose	1

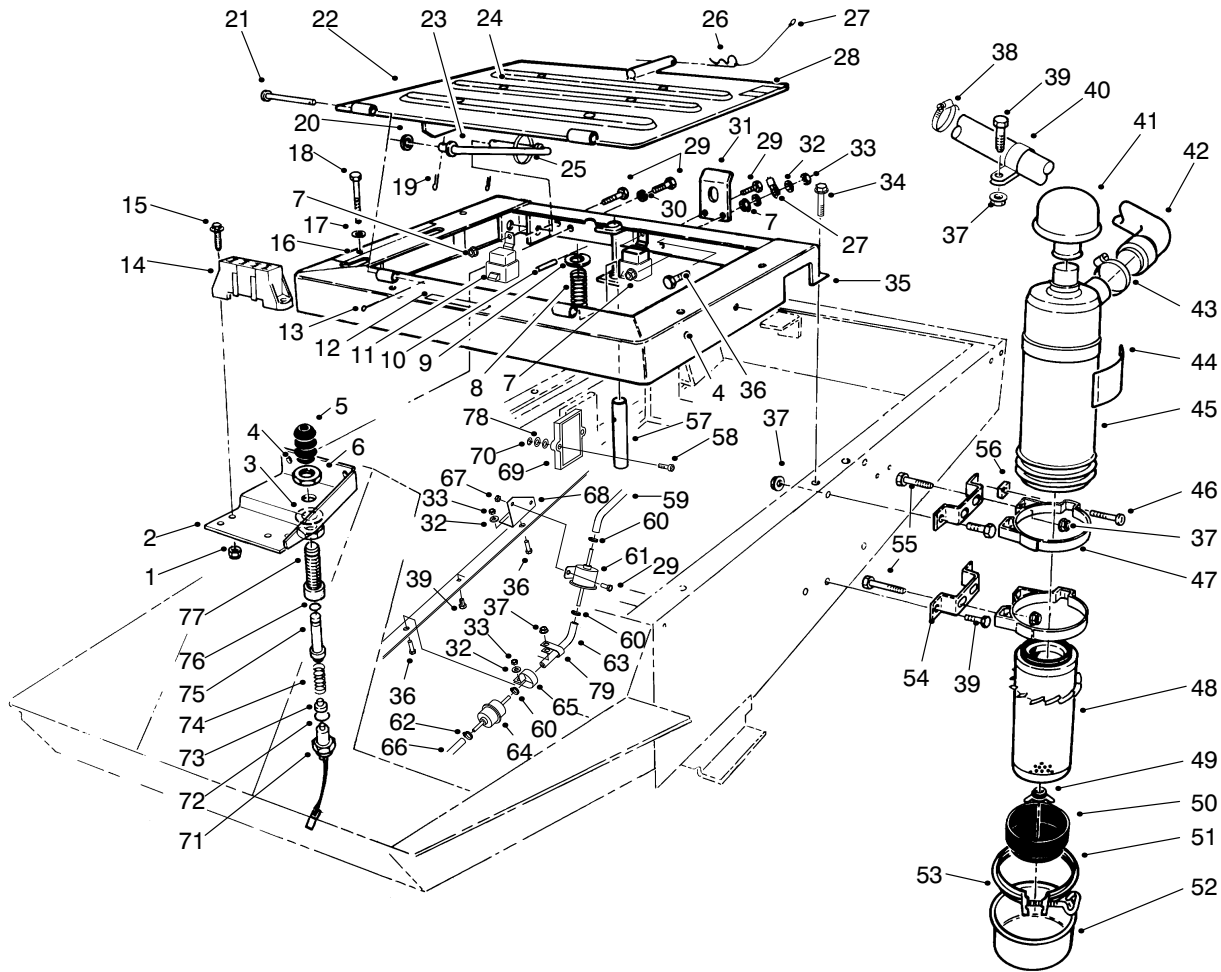
Ref. No.	Part No.	Description	No. Used
7	66-8630	Tube	1
8	66-8500	Hose	1
9	66-8620	Tube	1
10	66-8490	Hose	1
11	66-8140	Hose	1
12	66-8170	Hose	2



T-2523-1

## TRANSMISSION INTERLOCK ASM

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	3296-42	Nut-Lock	4	13	51-3150	Shim	1
2	29-9790	Pump-Lever	1	14	322-17	Screw-HH	1
3	321-9	Screw-HH	2	15	29-6140	Spring-Extended Leaf	1
4	32105-8	Screw-Slotted HH	2	16	321-4	Screw-HH	2
5	3256-51	Washer-Flat	2	17	29-6150	Spring-Leaf	1
6	94-1754	Switch-Bracket, Roller	1	18	3296-29	Nut-Lock	3
7	95-1552	Stop-Leaf Spring	1	19	251-259	Bearing-Ball	1
9	3253-21	Washer-Lock	2	20	3256-23	Washer-Flat	2
10	3230-2	CARR-Bolt	2				
11	52-8890	Bracket-Mounting	1				
12	95-1551	Plate-Pump	1				

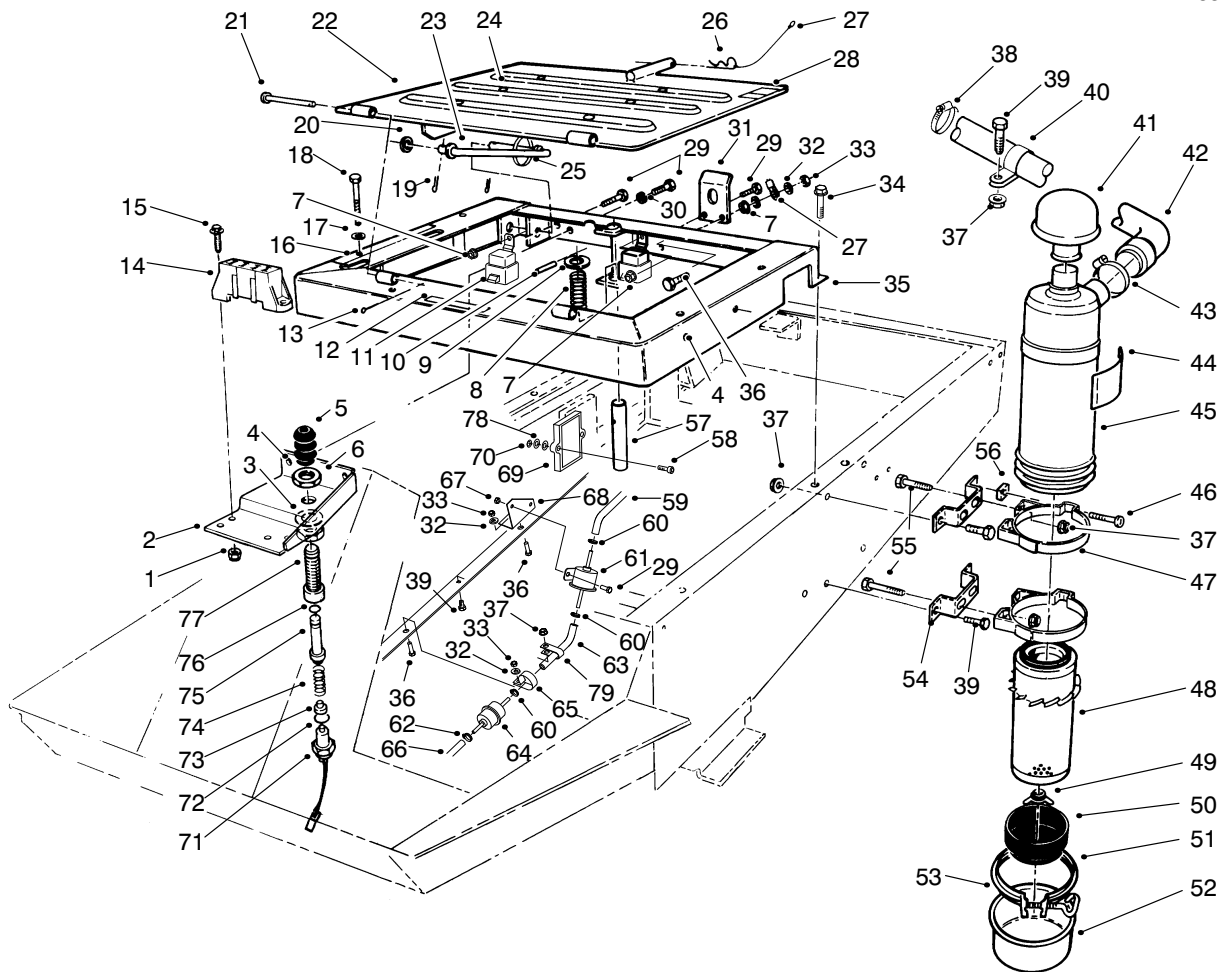


T-2525-2

## SEAT FRAME & AIR CLEANER ASM

Ref. No.	Part No.	Description	No. Used
1	3296-12	Nut-Lock	2
2	92-7892	Bracket-Seat Switch	1
3	3256-69	Washer-Flat	1
4	32148-6	Nut-Clinch	6
5	43-8870	Boot-Switch	1
6	218-461	Nut-Jam	2
7	32128-33	Nut-Flange	3
8	37-9590	Spring-Compression	1
9	3256-27	Washer-Flat	1
10	32121-6	Pin-Roll	1
11	70-1480	Relay	2
12	67-1710	Decal-Interlock	1
13	3272-4	Pin-Cotter	2
14	67-7160	Fuse Block	1
15	32105-13	Screw-HH	2
16	66-8750	Decal-Control Levers	1
17	3256-23	Washer-Flat	6
18	322-13	Screw-HH	6
19	3272-11	Pin-Cotter	2
20	3256-24	Washer-Flat	1
21	283-49	Pin-Clevis	2
22	92-5759	Plate-Seat (Incl. Ref. #24)	1
23	66-2800	Rod-Seat Support	1
24	32148-9	Nut-Clinch	2
25	3290-378	Tie-Cable	1
26	3290-255	Pin-Hair, Cotter	1

Ref. No.	Part No.	Description	No. Used
27	28-8070	Lanyard	1
28	71-3730	Decal-Gas	1
29	321-4	Screw-HH	5
30	3253-3	Washer-Lock	2
31	66-2630	Latch-Seat	1
32	3256-22	Washer-Flat	6
33	3296-42	Nut-Lock	5
34	3234-17	Screw-Flange	2
35	92-7894	Frame-Seat	1
36	321-6	Screw-HH	3
37	32128-20	Nut-Flange	10
38	2412-92	Clamp-Hose	1
39	322-5	Screw-HH	6
40	2412-107	R-Clamp	1
41	27-7180	Asm-Cap	1
42	95-1593	Hose-Air Cleaner Inlet	1
43	2412-42	Clamp-Hose	1
44	27-7160	Decal-Instructions	1
45	27-7100	Asm-Air Cleaner (Incl. Ref. #44, 48-53)	1
46	3258-19	Screw-HH	2
47	27-7170	Asm-Mounting Band (Incl. Ref. #46 & 56)	2
48	27-7110	Asm-Element	1
49	27-7120	Asm-Nut & Gasket	1
50	27-7140	Skirt-Baffle	1
51	27-7130	Asm-Clamp	1



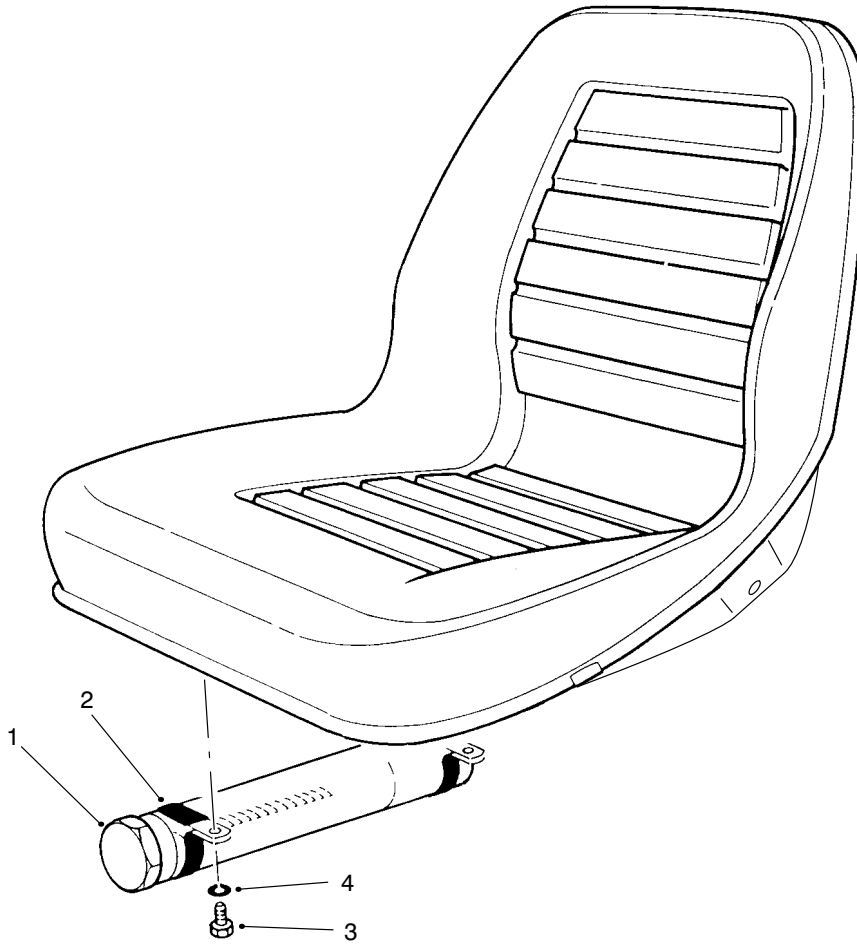
T-2525-2

## SEAT FRAME & AIR CLEANER ASM (Continued)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
52	27-7150	Asm-Cup	1	67	32128-14	Nut-Hex. Flange	2
53	80-3330	Gasket	1	68	95-0655	Bracket-Pump, Fuel	1
54	66-2451	Bracket-Air Cleaner	2	69		Box-Electronic	1
55	322-3	Screw-HH	4	70	32148-11	Nut-Clinch	2
56	32107-11	Nut-Square	2	71	72-4320	Switch	1
57	66-2590	Pin-Seat Spring	1	72	237-30	O-Ring	1
58	3274-8	Screw-Socket Head	2	73	43-8610	Guide-Spring & Ball Seat	1
59	94-7420	Hose	1	74	43-8600	Spring-Compression	1
60	2412-98	Clamp-Hose	4	75	43-8860	Plunger-Switch	1
†61		Pump-Fuel	1	76	237-7	O-Ring	1
62	2412-108	Clamp-Hose	1	77	43-8620	Guide-Switch Pin	1
63	95-6269	Hose-Fuel	1	78	3256-60	Washer-Flat	4
64	95-2926	Filter-Fuel	1	79	94-6821	Clamp-Wire	1
65	2412-147	R-Clamp	1	*	43-9071	Asm-Seat Switch	1
66	63-7627	Hose	1			(Incl. Ref. #5-6 & 71-77)	1

\* Not Illustrated

† Obtain from Briggs &amp; Stratton

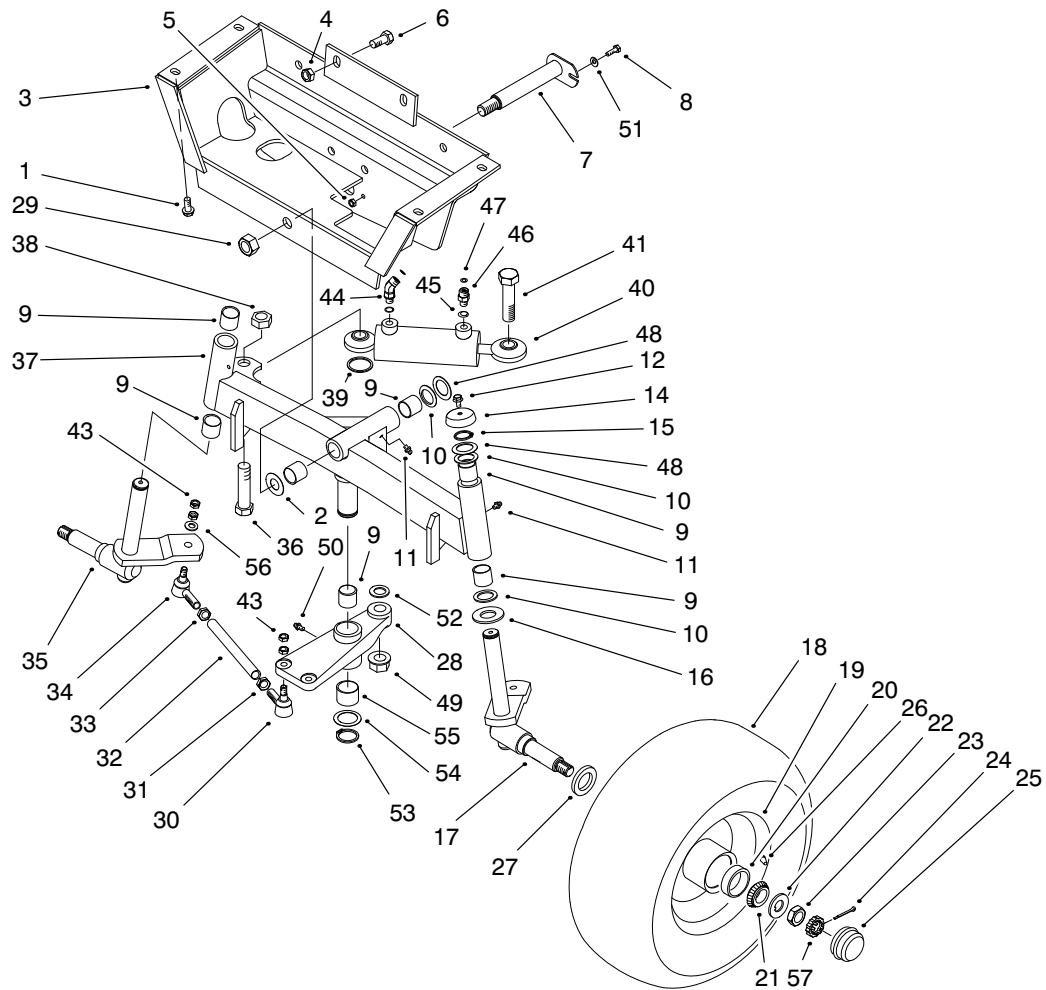


T-1692-1

### MANUAL STORAGE ASM

Ref. No.	Part No.	Description	No. Used
1	74-0720	Tube-Manual	1
2	2412-133	R-Clamp	2

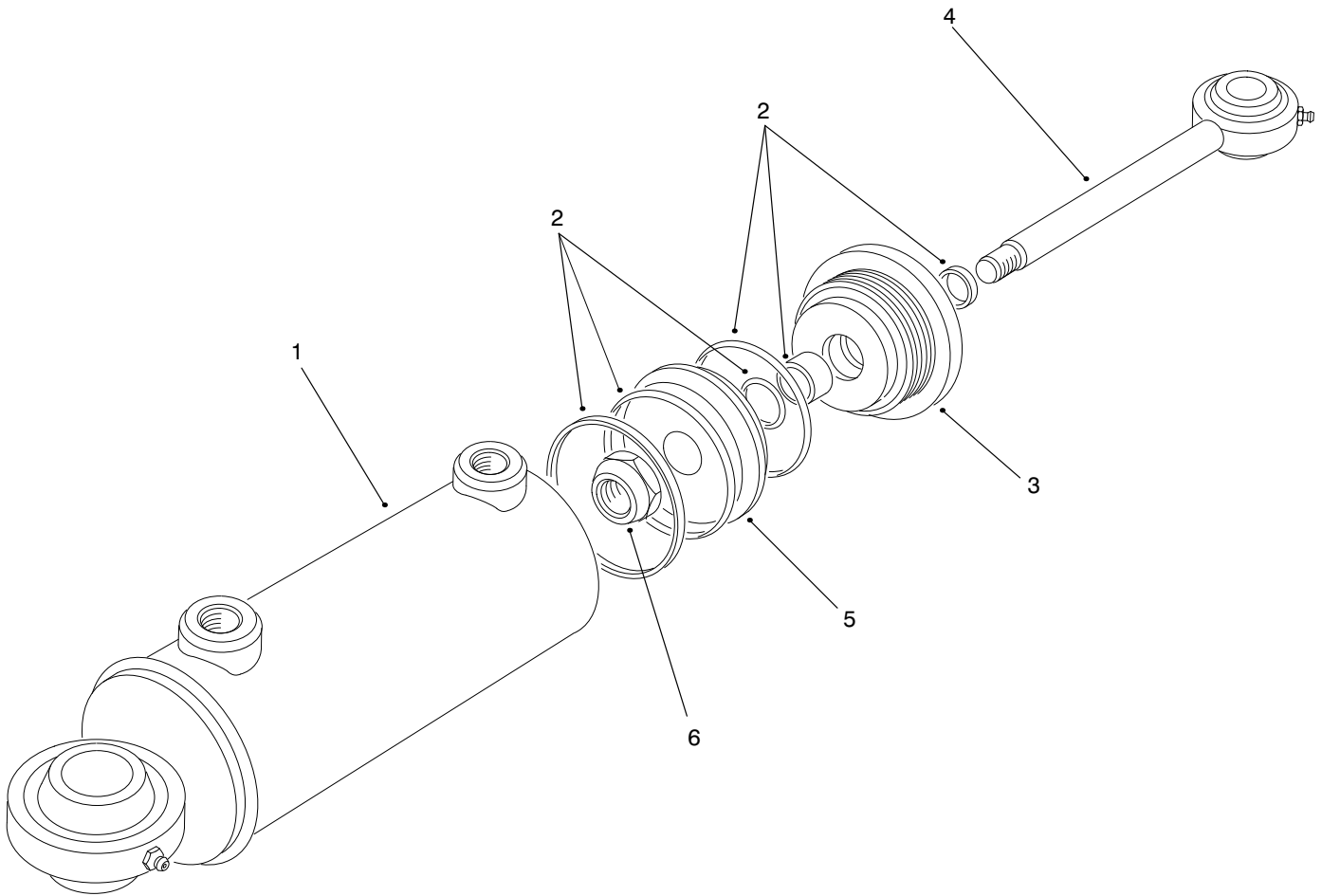
Ref. No.	Part No.	Description	No. Used
3	322-5	Screw-HH	2
4	3256-23	Nut-Lock	2



T-0540-3

## REAR AXLE ASM

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	3234-25	Screw-Flange	4	31	3220-12	Nut-Jam LH	2
2	71-4540	Washer-Thrust	1	32	63-6880	Rod-Tie	2
3	63-6430	Frame-Rear	1	33	3220-5	Nut-Jam RH	2
4	3296-25	Nut-Lock	2	34	21-0141	Joint-Ball RH	2
5	3296-42	Nut-Lock	1	35	93-3196	Spindle-Wheel RH	1
6	325-5	Screw-HH	2	36	67-7300	Screw Hex Hd.	1
7	63-6770	Pin-Rear Axle	1	37	76-3000	Asm-Axle (Incl. Ref. #9 & 11)	1
8	321-4	Screw-HH	1	38	32153-6	Nut-Hex Lock	1
9	67-1750	Bushing	6	39	67-7250	Spacer Cyl.	1
10	10-8110	Washer	5	40	76-2070	Cylinder-Steering	1
11	302-5	Fitting-Grease	3	41	328-25	Screw-HH	1
12	3234-13	Screw-HFH	2	43	3220-3	Nut-Jam	8
14	66-2990	Cap-Spindle	2	44	340-103	Fitting-Hydraulic 45° (Incl. Ref. #45 & 47)	1
15	32151-36	Ring-Retaining	2	45	237-78	O-Ring	2
16	256-121	Washer-Thrust	2	46	340-92	Fitting-Straight	1
17	93-3195	Spindle-Wheel LH	1	47	237-21	O-Ring	2
18	231-105	Tire	2	48	56-2460	Washer-Flat	A/R
19	217-118	Rim	2	49	32128-45	Nut-Lock, Flange	1
20	254-72	Cup-Bearing	2	50	302-5	Fitting-Grease	1
21	254-94	Cone-Bearing	4	51	3256-22	Washer-Flat	1
22	93-0309	Washer-Tab	2	52	67-9410	Washer-Flat	1
23	3220-7	Nut-Jam	2	53	32151-77	Ring-Retaining	1
24	3272-13	Pin-Cotter	2	54	76-2980	Washer-Thrust	1
25	241-119	Cap-Hub	2	55	76-2970	Bushing	2
26	232-35	Stem-Valve	2	56	3256-24	Washer-Flat	2
27	253-129	Seal-Hub	2	57	93-0307	Nut-Lock, Retainer	2
28	76-4810	Pivot-Steering	1				
29	3296-51	Nut-Lock	1				
30	21-0151	Joint-Ball LH	2				

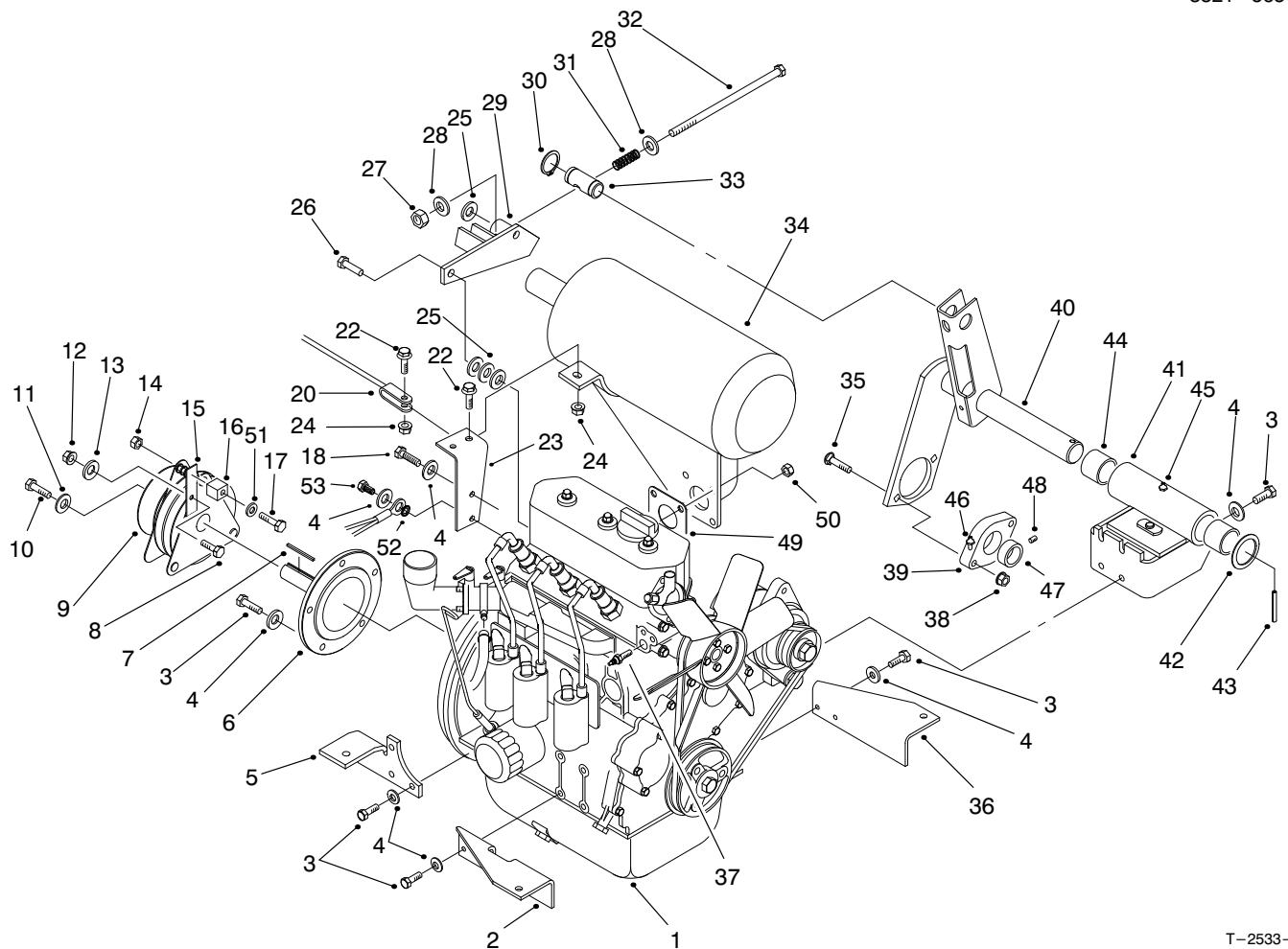


T-0541-3

## HYDRAULIC CYLINDER NO. 76-2070

Ref. No.	Part No.	Description	No. Used
1	66-2770	Tube-Cylinder	1
2	76-2090	Kit-Seal	1
3	76-2790	Gland	1

Ref. No.	Part No.	Description	No. Used
4	76-2080	Asm-Piston Rod	1
5	66-1940	Piston	1
6	66-1930	Nut-Lock	1

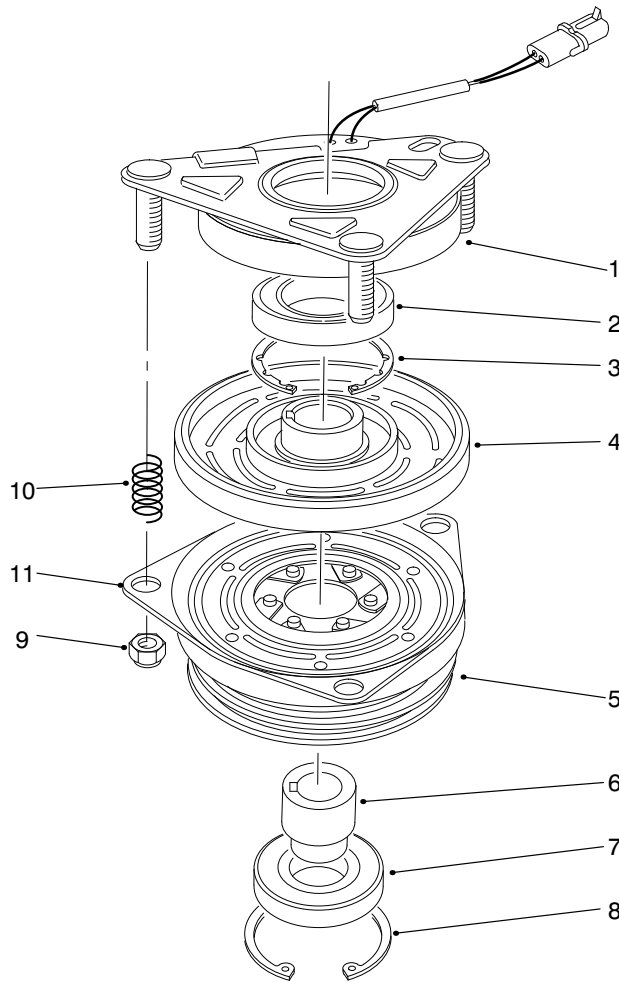


T-2533-4

## ENGINE INSTALLATION ASM

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	94-9403	Engine-Gas	1	31	3-6624	Spring	1
2	95-3300	Bracket-Engine, RH	1	32	94-7431	Bolt	1
3	66-3160	Screw	15	33	63-6290	Pin-Tension	1
4	48-8030	Washer-Flat	18	34	94-6412	Muffler-Exhaust	1
5	94-7416	Mount-Engine	1	*	75-6880	Screen-Spark Arrester	1
6	94-7430	Hub-Clutch	1	35	3230-4	Bolt-CARR	2
7	63-8150	Key-Square	1	36	95-3097	Bracket-Engine, LH	1
8	323-34	Screw	1	37	94-3457	Sender-Temperature	1
9	63-6050	Clutch-Electric, Brake	1	38	32149-1	Nut-Keps	2
10	3212-5	Screw-HH	1	39	92-8799	Bearing (Incl. Ref. #46-48)	1
11	67-1631	Spacer	1	40	63-6250	Shaft-Tension, PTO	1
12	3296-59	Nut-Lock	1	41	94-7344	Asm-Plate, Pivot (Incl. Ref. 44 & 45)	1
13	3256-24	Washer-Flat	2	42	3-4324	Washer-Flat	1
14	32153-4	Nut-Lock	1	43	32121-32	Pin-Roll	1
15	94-7438	Lever-Anchor, Clutch	1	44	256-299	Bushing	2
16	95-6328	Bumper-Clutch	1	45	302-5	Fitting-Grease, Straight	1
17	321-8	Screw-HH	1	46	302-40	Fitting-Grease 90°	1
18	48-7680	Screw-HH	2	47	251-77	Collar-Locking	1
20	66-2870	Cable-Hood, Stop	1	48	3246-1	Screw-Set	1
22	3234-29	Screw-HHF	2	49	53-8130	Gasket-Exhaust	1
23	94-7433	Support-Muffler	1	50	68-9400	Nut-Hex.	4
24	32128-25	Nut-Lock	2	51	3256-60	Washer-Flat	1
25	48-9580	Washer	4	52	3255-8	Washer-Lock, Ext. Tooth	1
26	33115-030	Bolt	1	53	48-7700	Screw-Cap	1
27	32153-3	Nut-Lock	1	*	42-9850	Washer-Lock (Solenoid)	1
28	4-2390	Washer	2	*	57-6390	Nut-Jam (Starter Solenoid)	1
29	94-7434	Bracket-Mounting	1				
30	32151-83	Ring-Retaining	2				

\* Not Illustrated

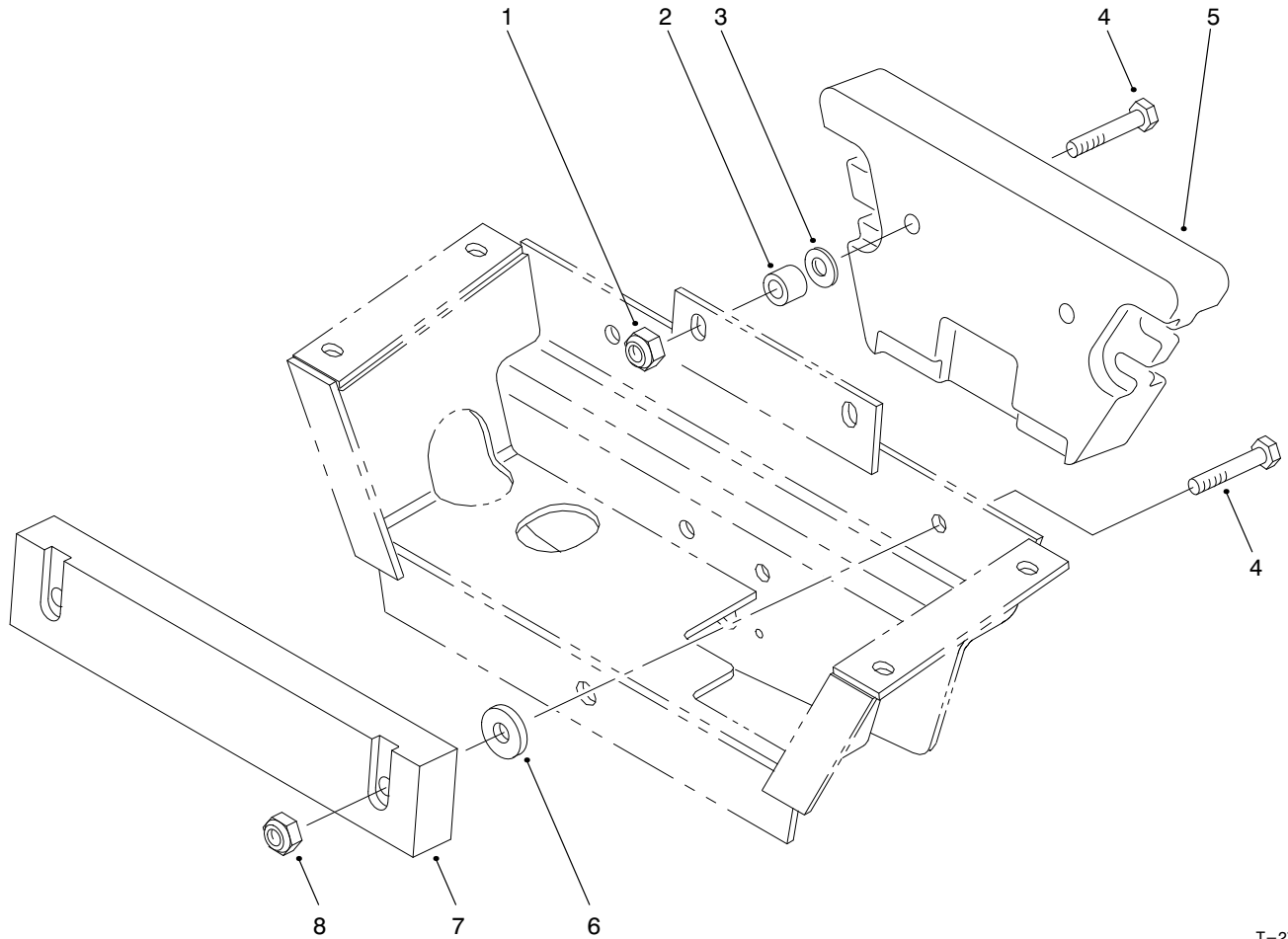


T-0544-2

## CLUTCH ASM NO. 63-6050

Ref. No.	Part No.	Description	No. Used
1	67-7050	Asm-Field Rotor (Incl. Ref. #2-4)	1
2		Bearing-Field	1
3		Ring-Retaining	1
4		Asm-Field Coil Rotor & Bearing	1
5	67-7070	Asm-Arm. & Pulley (Incl. Ref. #6-8)	1

Ref. No.	Part No.	Description	No. Used
6	67-7080	Collar-Bearing	1
7	67-7090	Bearing-Pulley	1
8	67-7060	Ring-Retaining	1
9	3296-6	Nut-Lock	3
10	44-8320	Spring	3
11	67-7100	Plate-Brake	1



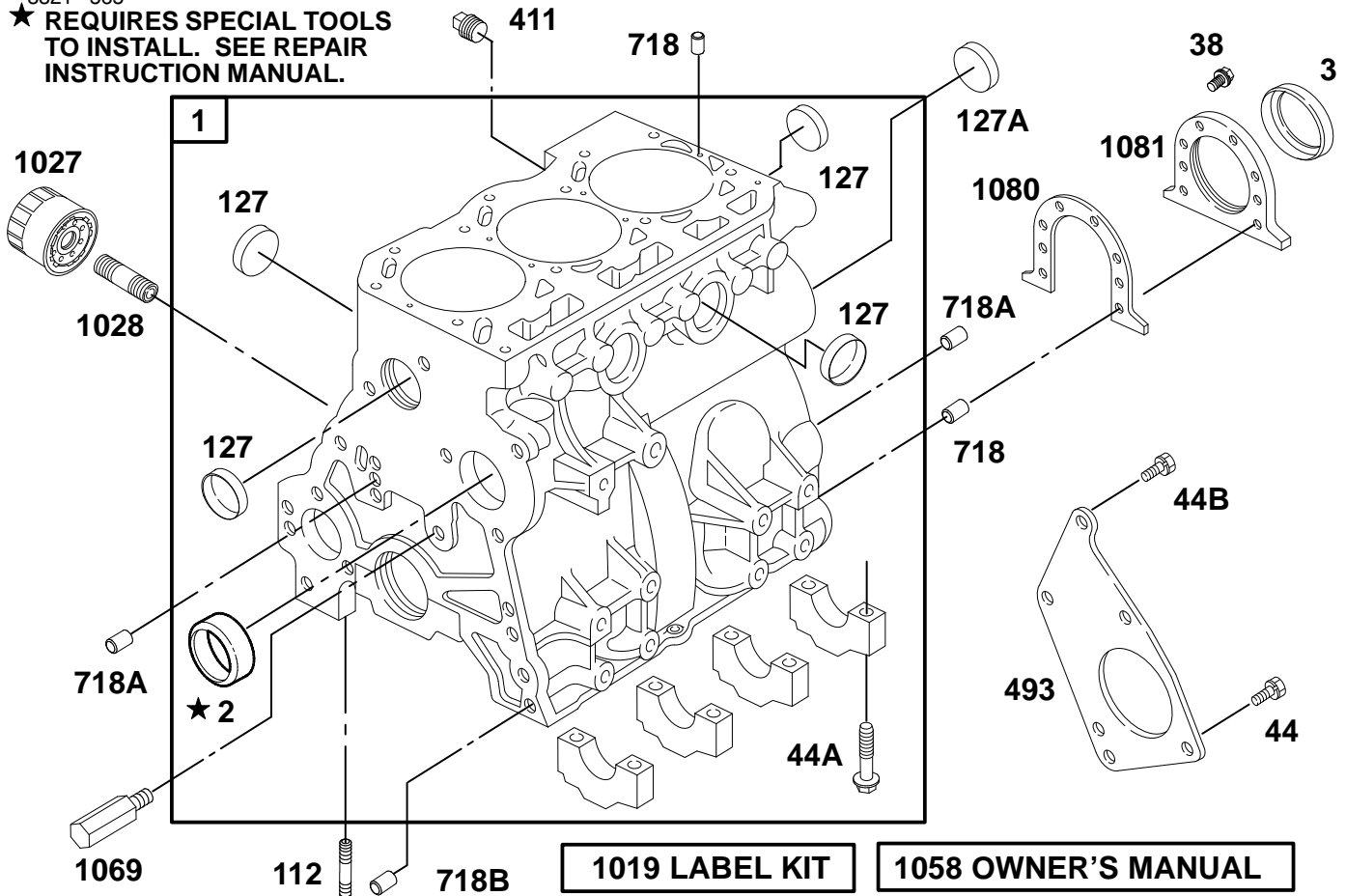
T-2734

## WEIGHT ASM

Ref. No.	Part No.	Description	No. Used
1	3296-25	Nut-Lock	2
2	57-4230	Spacer	2
3	3256-26	Washer-Flat	2
4	325-9	Screw-HH	4
5	24-5790	Weight-Rear 35 lb	1

Ref. No.	Part No.	Description	No. Used
6	70-8040	Washer	2
7	92-8762	Weight-20 lb	1
8	3296-45	Nut-Lock	2

★ **REQUIRES SPECIAL TOOLS TO INSTALL. SEE REPAIR INSTRUCTION MANUAL.**



ASSEMBLIES INCLUDE ALL ITEMS IN FRAMES

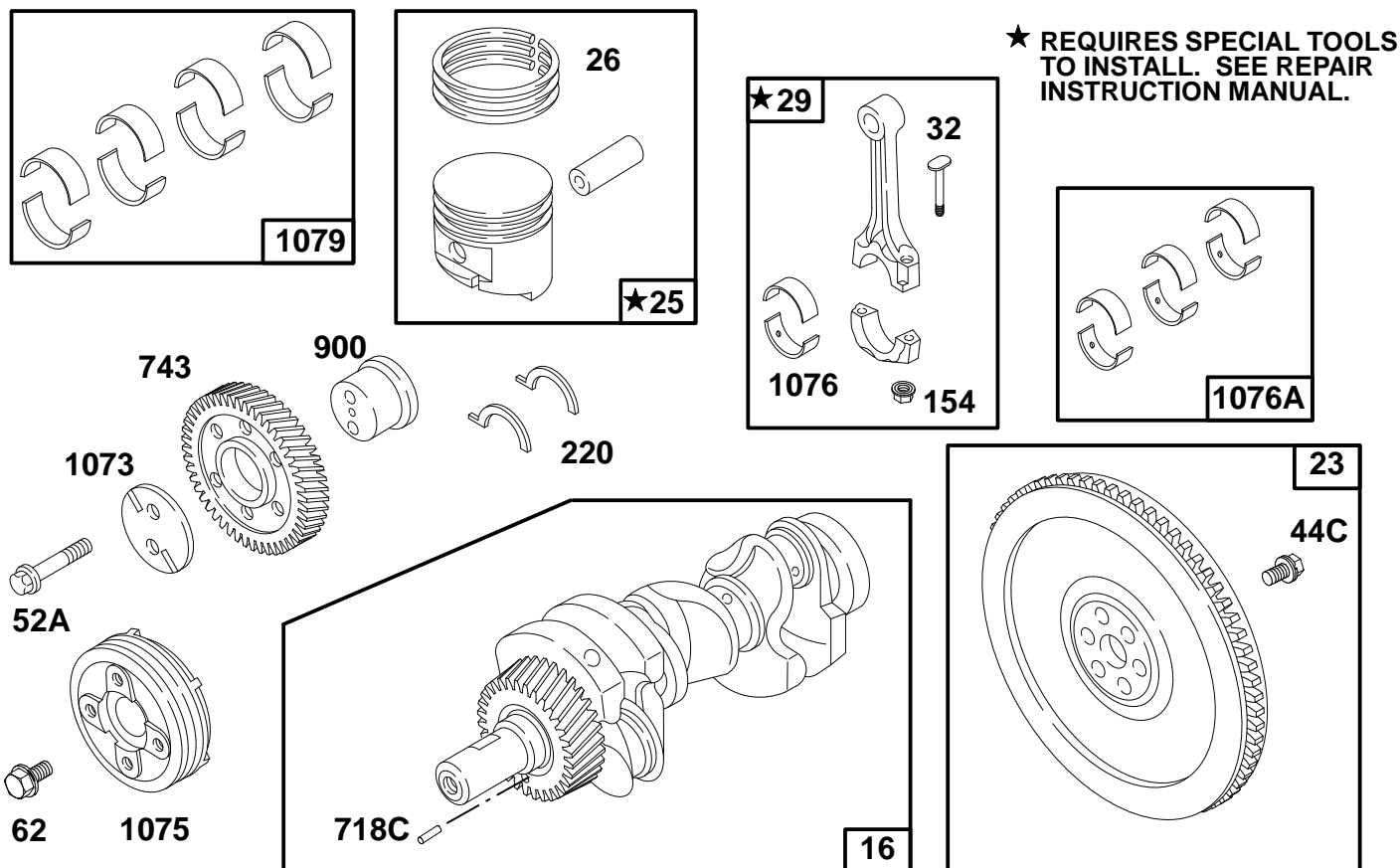
## ENGINE ASM MODEL 580447 TYPE 0112-E2

Ref. No.	Part No.	Description	No. Used
1	825026	Asm-Cylinder	1
2	820129	Bushing	1
†3	820056	Seal-Oil	1
38	820031	Screw-Hex.	6
44	820176	Screw-Hex.	2
44A	820042	Screw-Hex.	8
44B		Screw-Hex. (Supplied by the equipment manufacturer)	1
112	820016	Stud-Std.	1
127	820004	Plug-Welch	7
127A	820151	Plug-Welch (Camshaft)	1
411	820051	Plug	1

Ref. No.	Part No.	Description	No. Used
493	820147	Bracket-Mounting	1
718	820063	Pin-Locating	4
718A	820062	Pin-Locating	3
718B	820061	Pin-Locating	2
1019	825228	Label Kit (Identification Labels)	1
1027	491056	Filter-Oil	1
*	820314	Filter-Oil (Optional)	1
1028	820050	Adapter-Oil Filter	1
1058	820154	Owner's Manual	1
1069	820102	Nozzle-Oil	1
†1080	820145	Gasket-Retainer	1
1081	820146	Retainer-Seal	1

\* Not Illustrated

† Included in Gasket Set - Part Number 825056

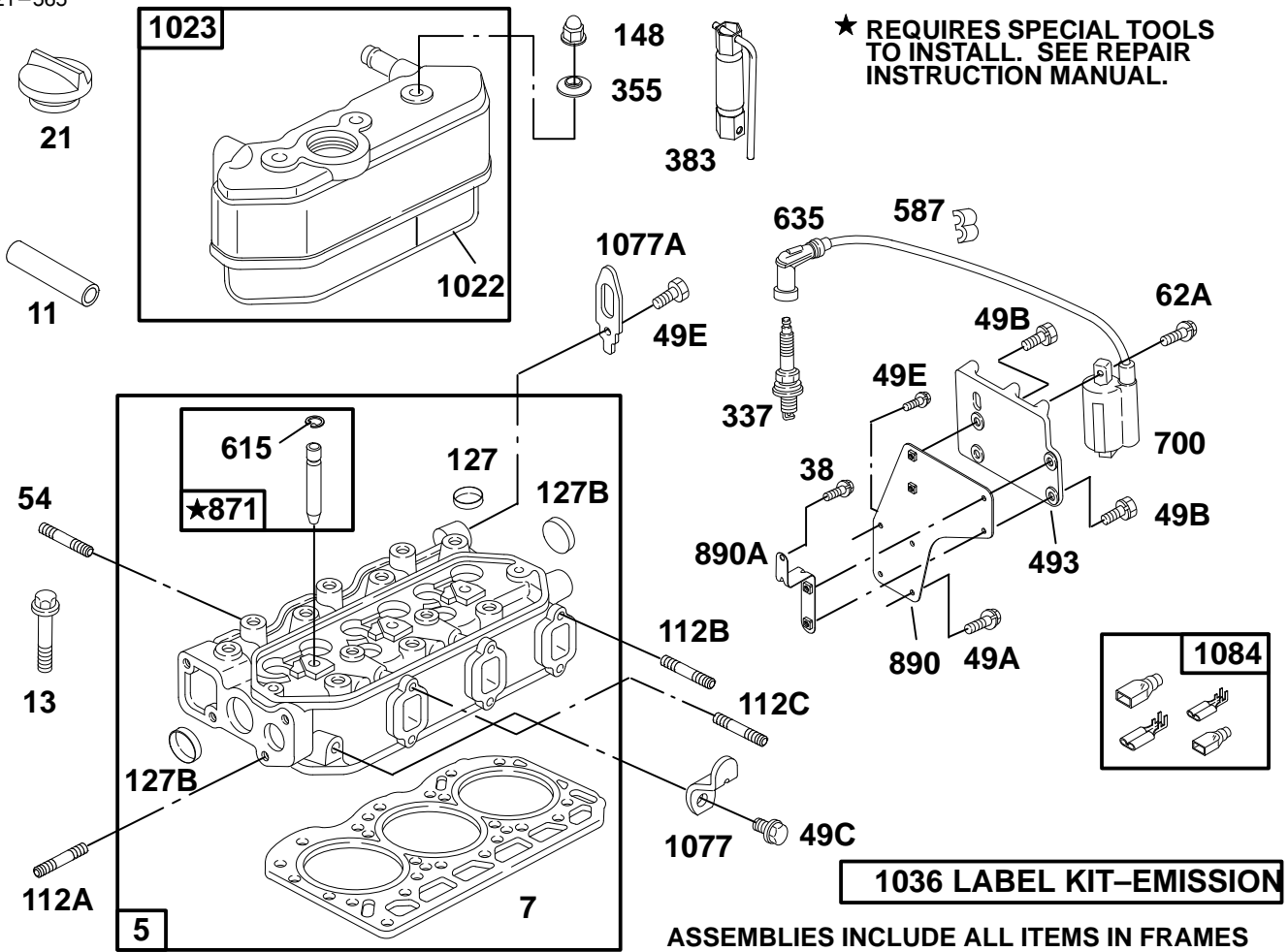


ASSEMBLIES INCLUDE ALL ITEMS IN FRAMES

## ENGINE ASM MODEL 580447 TYPE 0112-E2 (Continued)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
16	825193	Crankshaft	1	220	820140	Washer-Thrust (Standard)	1
23	825230	Flywheel	1	*	820139	Washer-Thrust (.005" Oversize)	1
25	825203	Asm-Piston (Standard)	3	718C	820059	Pin-Locating	1
*	825204	Asm-Piston (.010" Oversize)	3	743	825013	Gear-Drive	1
26	825036	Ring Set (Standard)	3	900	820116	Shaft-Gear	1
*	825034	Ring Set (.010" Oversize)	3	1073	820117	Plate-Idler Gear	1
29	825033	Rod-Connecting	3	1075	820326	Pulley-Crankshaft	1
32	820128	Screw-Connecting Rod	6	1076	820142	Bearing-Rod (Standard)	3
44C	820080	Screw-Hex.	6	1076A	825019	Bearing Set-Rod (Standard)	1
49	820081	Screw-Hex.	2	*	825060	Bearing Set-Rod (.010" Undersize)	1
62	820079	Screw-Hex.	1	1079	825040	Bearing Set-Main (Standard)	1
154	820073	Nut-Hex.	6	*	825039	Bearing Set- Main (.010" Undersize)	1

\* Not Illustrated

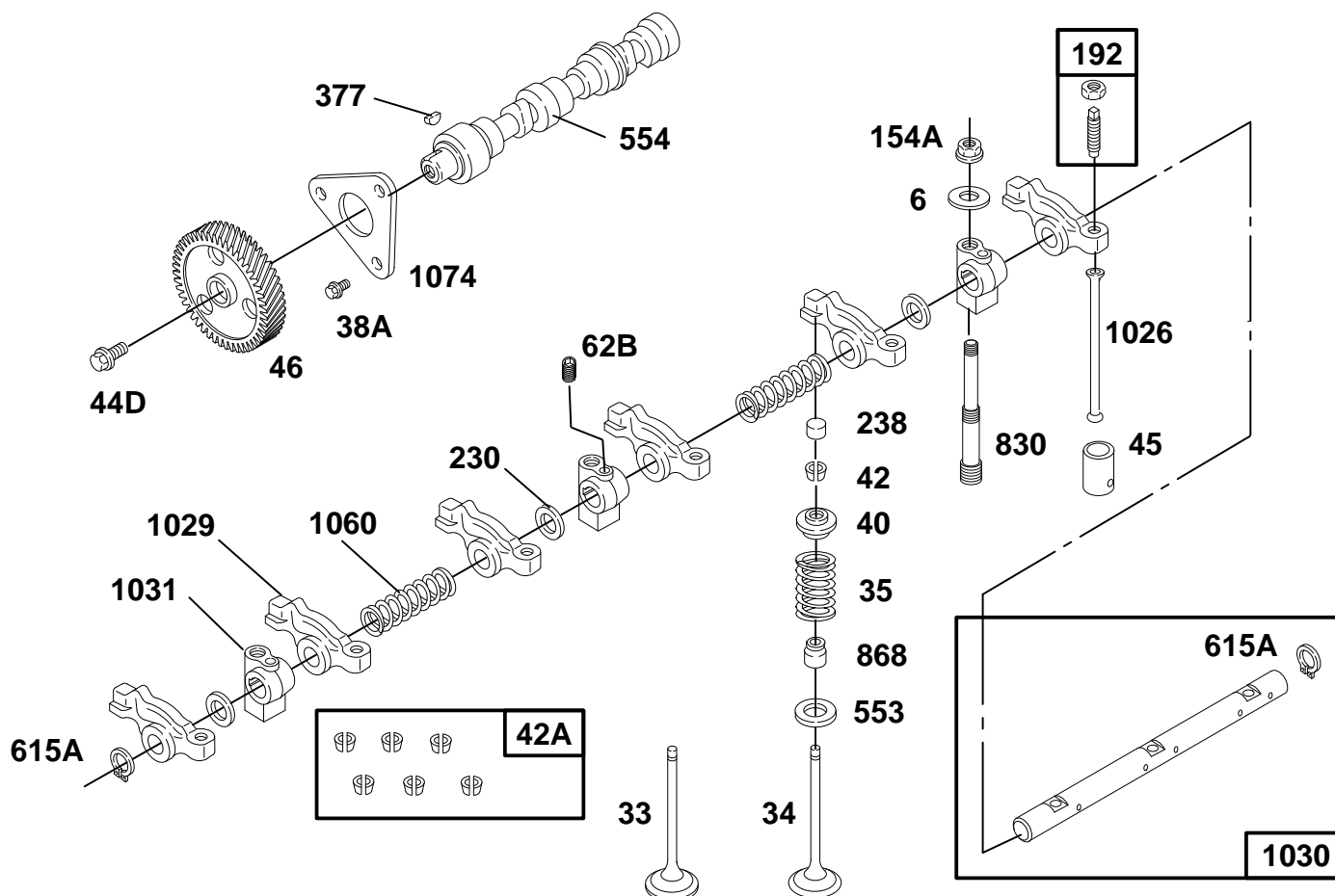


## ENGINE ASM MODEL 580447 TYPE 0112-E2 (Continued)

Ref. No.	Part No.	Description	No. Used
5	825048	Head-Cylinder	1
†‡7	820152	Gasket-Cylinder Head	1
11	820048	Tube-Breather	1
13	820074	Screw-Hex.	14
21	825024	Cap-Oil Fill	1
38	820031	Screw-Hex.	1
49A		Screw-Hex. (Supplied by the equipment manufacturer)	1
49B	820199	Screw-Hex.	4
49C	820212	Screw-Hex.	4
54	820015	Stud-Carburetor Mount	2
62A	820012	Screw-Hex.	6
112A	820078	Stud-Std.	2
112B	820014	Stud-Std.	5
112C	820466	Stud-Std.	1
127	820004	Plug-Welch	2
127B	820005	Plug-Welch	2
149	820071	Nut	3

Ref. No.	Part No.	Description	No. Used
337	491055	Plug-Spark	3
†‡355	820064	Washer-Seal	3
383	89838	Wrench-Spark Plug	1
493	820083	Bracket-Mounting	1
587	820046	Clip-Wire	2
615	820130	Retainer	6
635	820084	Boot-Spark Plug	3
700	820037	Coil-Ignition	3
871	825030	Bushing-Guide	6
890	820251	Bracket-Support	1
890A	820252	Bracket-Support	1
†‡1022	820150	Gasket-Rocker Cover	1
1023	825088	Cover-Rocker	1
1036	825226	Label Kit-Emission	1
1077	820260	Bracket-Lifting	1
1077A	820254	Bracket-Lifting	1
1084	825155	Connector (Ignition Wire Kit)	1

† Included in Gasket Set - Part Number 825056  
 ‡ Included in Valve Overhaul Kit - Part Number 825057



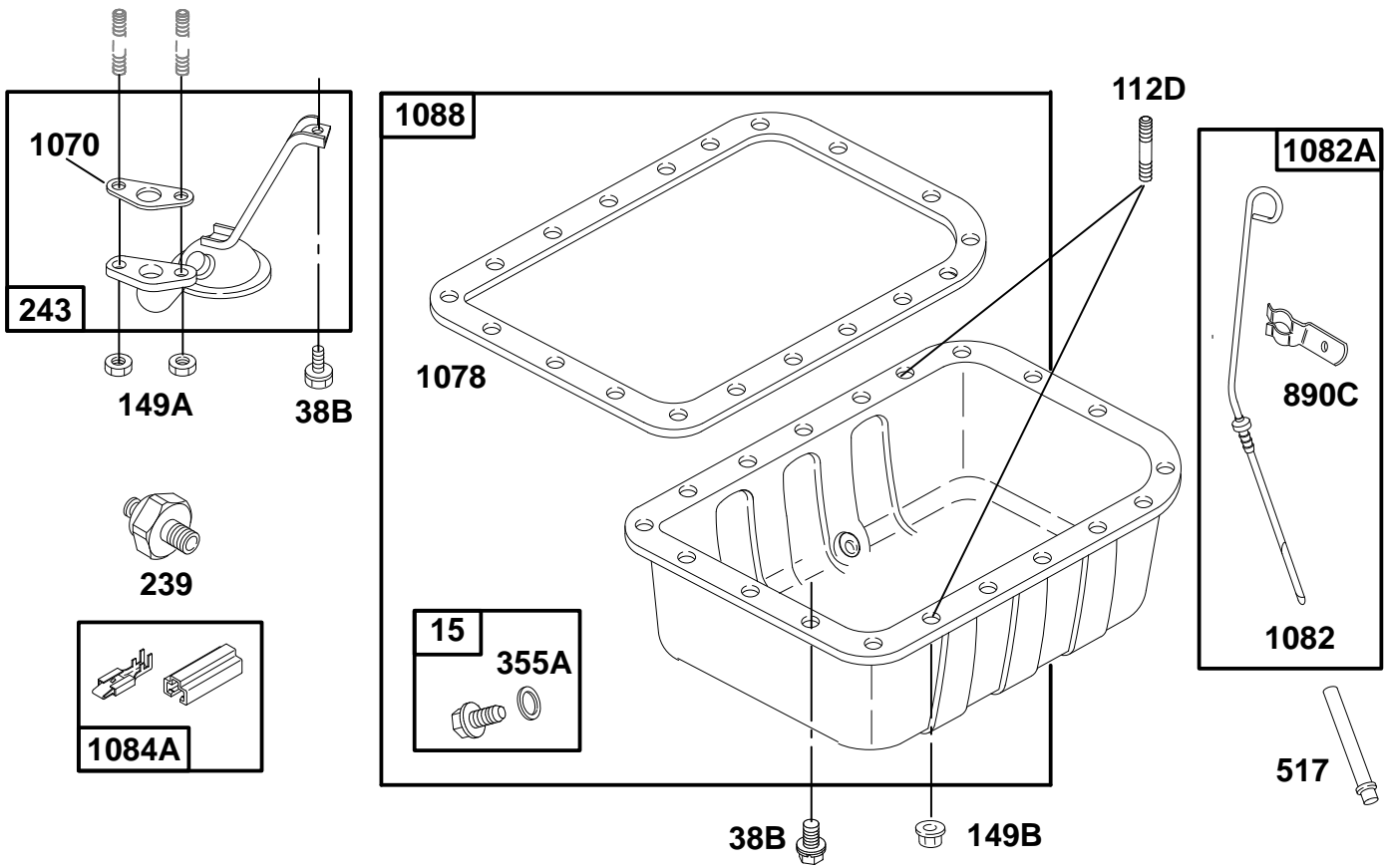
ASSEMBLIES INCLUDE ALL ITEMS IN FRAMES

## ENGINE ASM MODEL 580447 TYPE 0112-E2 (Continued)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
6	820177	Washer-Flat	3	554	820388	Shaft-Cam (Used after code date 96011800)	1
33	820114	Valve-Exhaust	3	*	820122	Shaft-Cam (Used before code date 96011900)	1
34	820115	Valve-Intake	3	615A	820003	Retainer	2
35	820043	Spring-Valve	6	830	820076	Stud-Rocker Arm	3
38A	820032	Screw-Hex.	3	†868	820041	Seal-Valve	6
40	820111	Retainer-Valve	6	1026	820422	Rod-Push	6
44D	820075	Screw-Hex.	1	1029	820387	Arm-Rocker (Used after code date 96011800)	6
42	825042	Keeper-Valve (Contains 1 Set)	6	*	820107	Arm-Rocker (Used before code date 96011900)	6
42A	825082	Keeper-Valve (Contains 6 Sets)	1	1030	825093	Shaft-Rocker Arm	1
45	820110	Tappet-Valve	6	1031	820106	Support-Rocker Arm	3
46	820119	Gear-Cam	1	1060	820044	Spring-Rocker Shaft	2
62B	820105	Screw-Socket	1	1074	820118	Retainer-Camshaft	1
154A	820070	Nut-Hex.	3				
192	825041	Screw-Valve Adjusting	6				
230	820065	Washer-Spacer	3				
238	820113	Cap-Valve	6				
377	94196	Key-Woodruff	1				
553	820112	Seat-Valve Spring	6				

\* Not Illustrated

† Included in Gasket Set - Part Number 825056



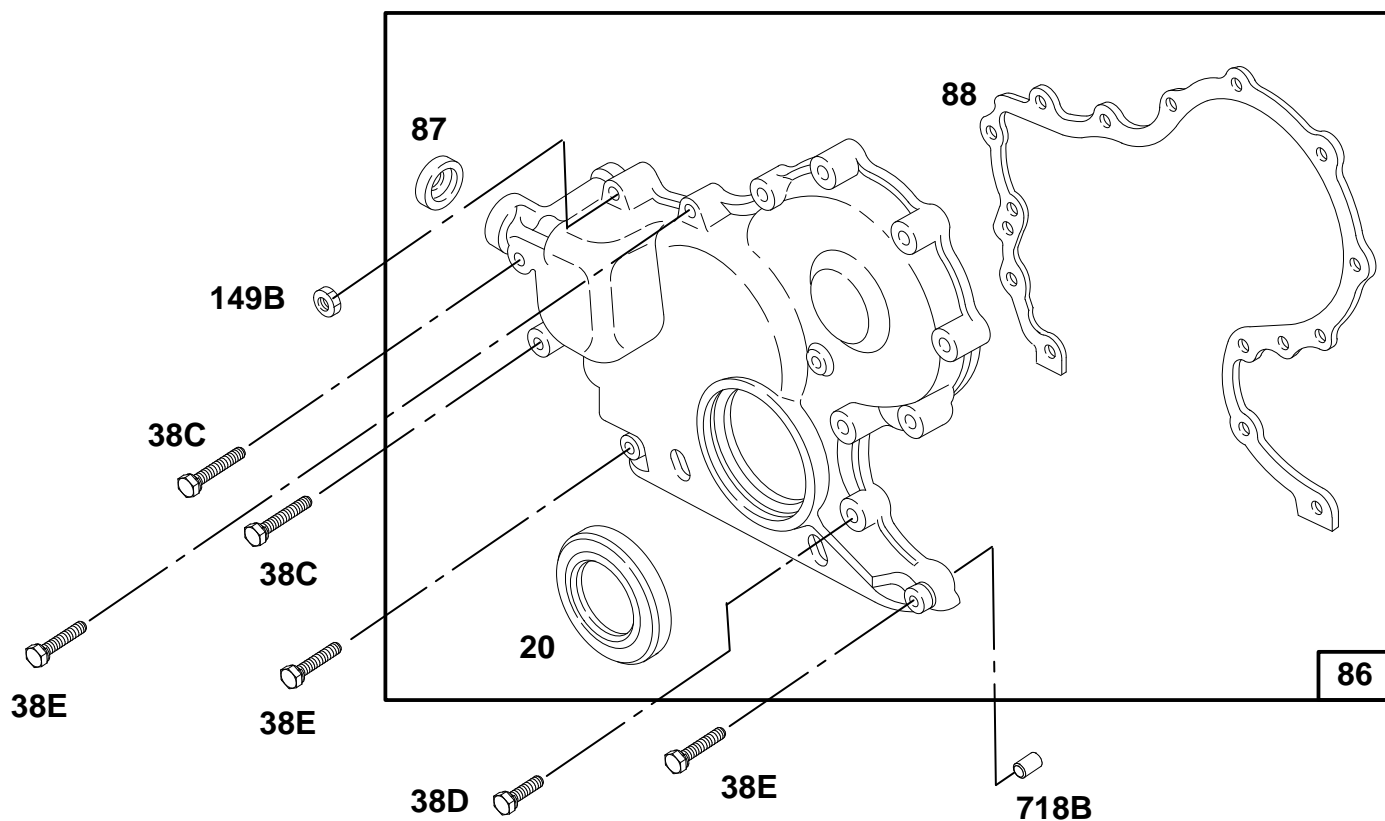
ASSEMBLIES INCLUDE ALL ITEMS IN FRAMES

## ENGINE ASM MODEL 580447 TYPE 0112-E2 (Continued)

Ref. No.	Part No.	Description	No. Used
15	825043	Plug-Oil Drain	1
38B	820034	Screw-Hex.	18
112D	820017	Stud-Std.	2
149A	820068	Nut-Hex.	2
149B	820069	Nut-Hex.	2
239	825000	Switch-Oil Pressure	1
243	825089	Screen-Oil Pump	1
†355A	820049	Washer-Seal	1
517	820144	Tube-Dipstick	1

Ref. No.	Part No.	Description	No. Used
890C	820238	Bracket-Support (Dipstick)	1
†1070	820104	Gasket-Oil Strainer	1
†1078	820137	Gasket-Oil Pan	1
1082	820237	Dipstick	1
1082A	825081	Asm-Dipstick	1
1084A	825154	Connector (Oil Pressure Switch)	1
1088	825049	Pan-Oil	1

† Included in Gasket Set - Part Number 825056

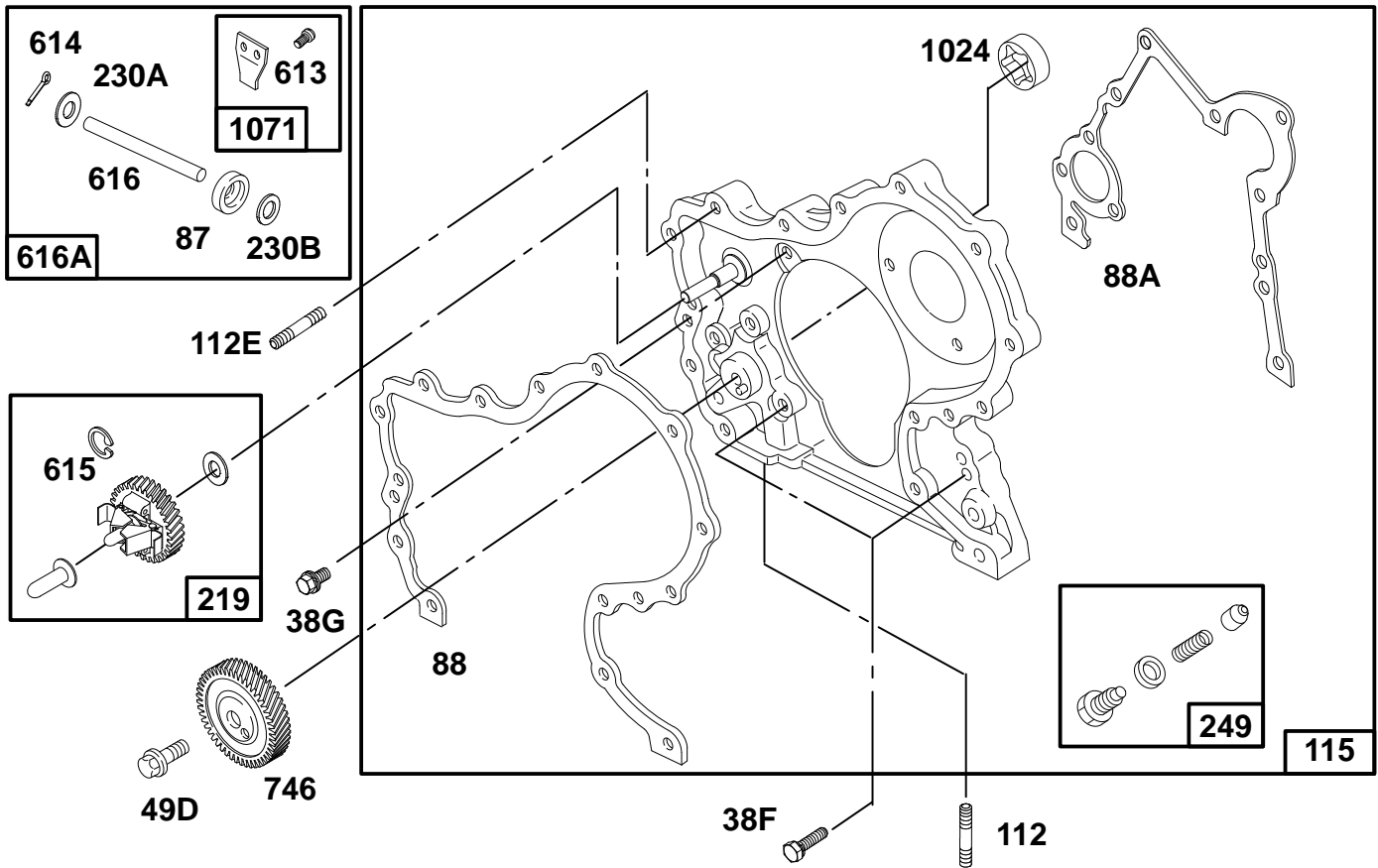


ASSEMBLIES INCLUDE ALL ITEMS IN FRAMES

## ENGINE ASM MODEL 580447 TYPE 0112-E2 (Continued)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
†20	820055	Seal-Oil	1	†87	820054	Seal-Governor Shaft	1
38C	820026	Screw-Hex.	2	†88	820148	Gasket-Cover	1
38D	820029	Screw-Hex.	6	149B	820069	Nut-Hex.	2
38E	820027	Screw-Hex.	3	718B	820061	Pin-Locating(	2
86	825046	Asm-Cover, Gear	1				

† Included in Gasket Set - Part Number 825056



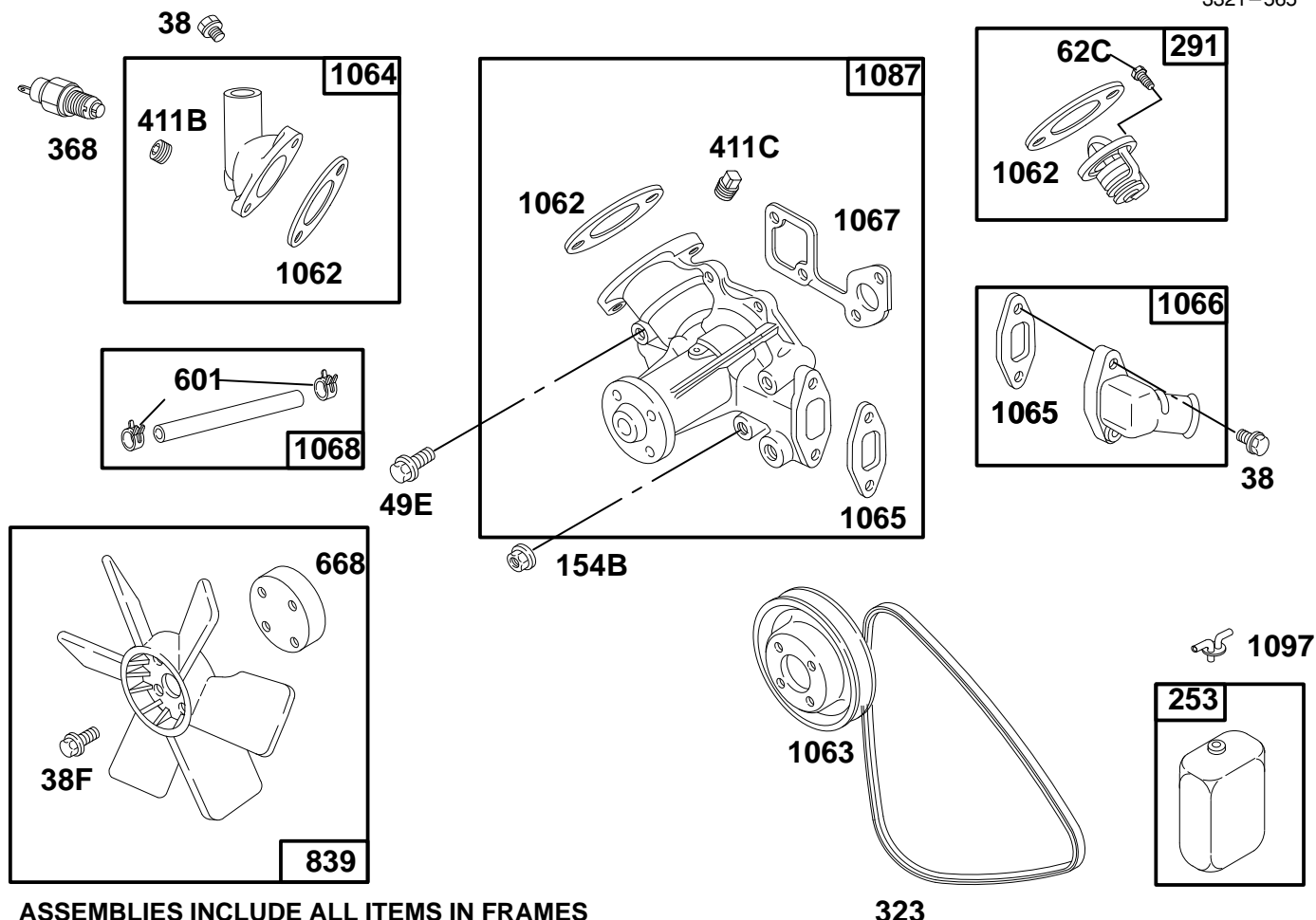
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## ENGINE ASM MODEL 580447 TYPE 0112-E2 (Continued)

Ref. No.	Part No.	Description	No. Used
38F	820030	Screw-Hex.	4
38G	820033	Screw-Hex.	1
49D	820180	Screw-Hex.	1
†87	820054	Seal-Governor Shaft	1
†88	820148	Gasket-Cover	1
†88A	820155	Gasket-Cover	1
112	820016	Stud-Std.	1
112E	820156	Stud-Std.	2
115	825059	Housing-Gear	1
219	825085	Gear-Governor	1
230A	820167	Washer-Spacer	1
230B	820169	Washer-Spacer	1

Ref. No.	Part No.	Description	No. Used
249	825032	Valve-Oil Relief	1
613	820166	Screw-Torx®Hex.	2
614	805417	Pin-Cotter	1
615	820163	Retainer	1
616	820165	Crank-Governor	1
616A	825087	Asm-Crank-Governor	1
746	820121	Gear-Drive	1
1024		Pump-Oil (Sold in Gear Hsg. Only, Ref 115)	1
1071	825086	Paddle-Governor	1

† Included in Gasket Set - Part Number 825056



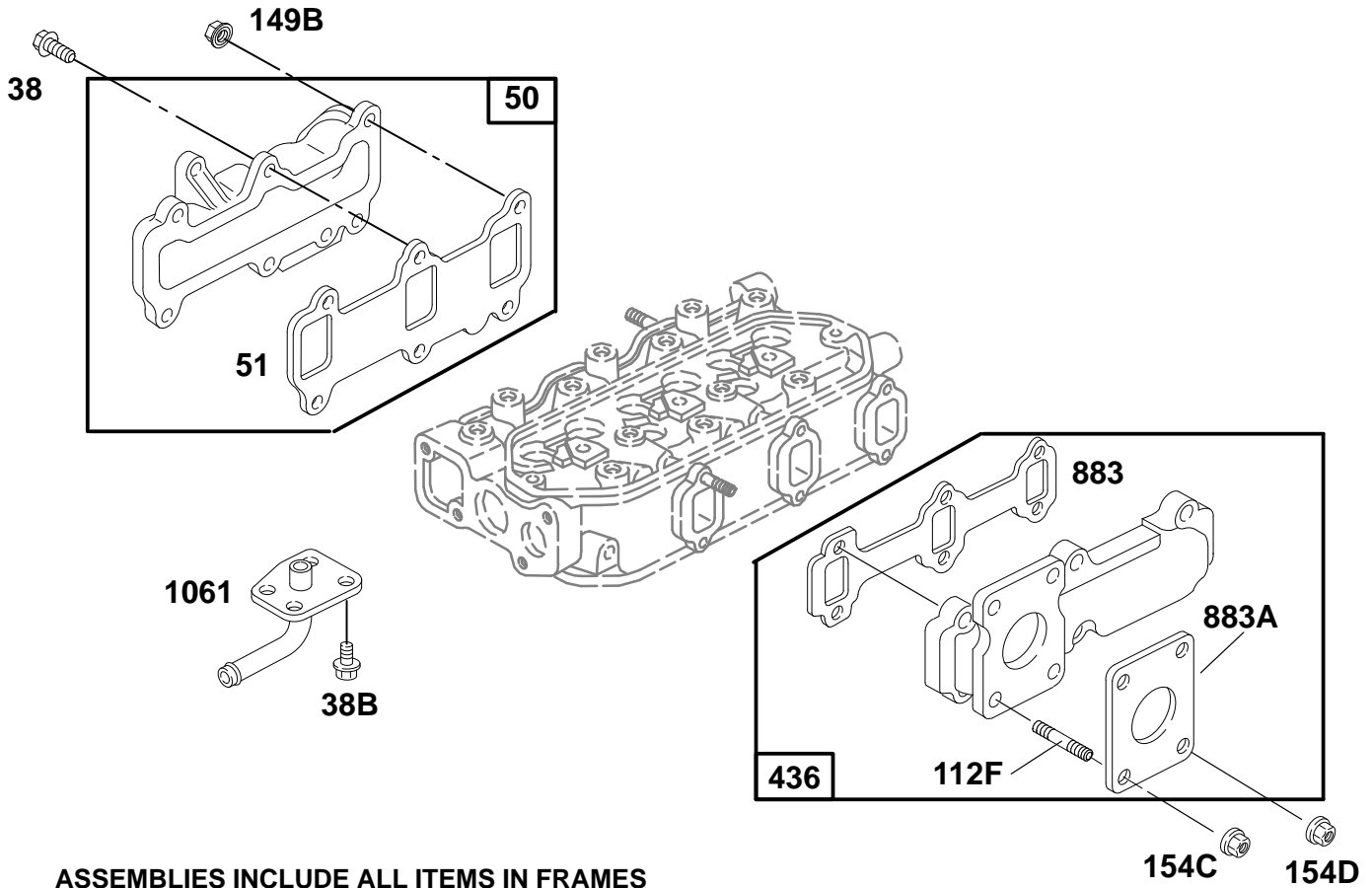
ASSEMBLIES INCLUDE ALL ITEMS IN FRAMES

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## ENGINE ASM MODEL 580447 TYPE 0112-E2 (Continued)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
38	820031	Screw-Hex.	4	668	820218	Spacer	1
38F	820030	Screw-Hex.	4	839	825136	Fan-Radiator (320 mm. Dia.)	1
49E	820022	Screw-Hex.	2	1062	K820093	Gasket-Outlet	1
62C	820185	Screw-Hex.	1	1063	820095	Pulley-Pump	1
154B	820181	Nut-Hex.	2	1064	825052	Housing-Outlet	1
253	825069	Tank-Reserve	1	†1065	820098	Gasket-Inlet Hsg.	1
291	825064	Thermostat	1	1066	825051	Housing-Inlet	1
323	820271	Belt-Vee	1	†1067	820100	Gasket-Water Pump	1
368	820208	Switch-Water Temp. (For Light)	1	1068	825045	Asm-Hose-Clamp	1
411B	820052	Plug	1	1087	825050	Pump-Water	1
411C	820182	Plug	1	1097	820287	Cap-Surge Tank	1
601	820045	Clamp-Hose	2				

† Included in Gasket Set - Part Number 825056



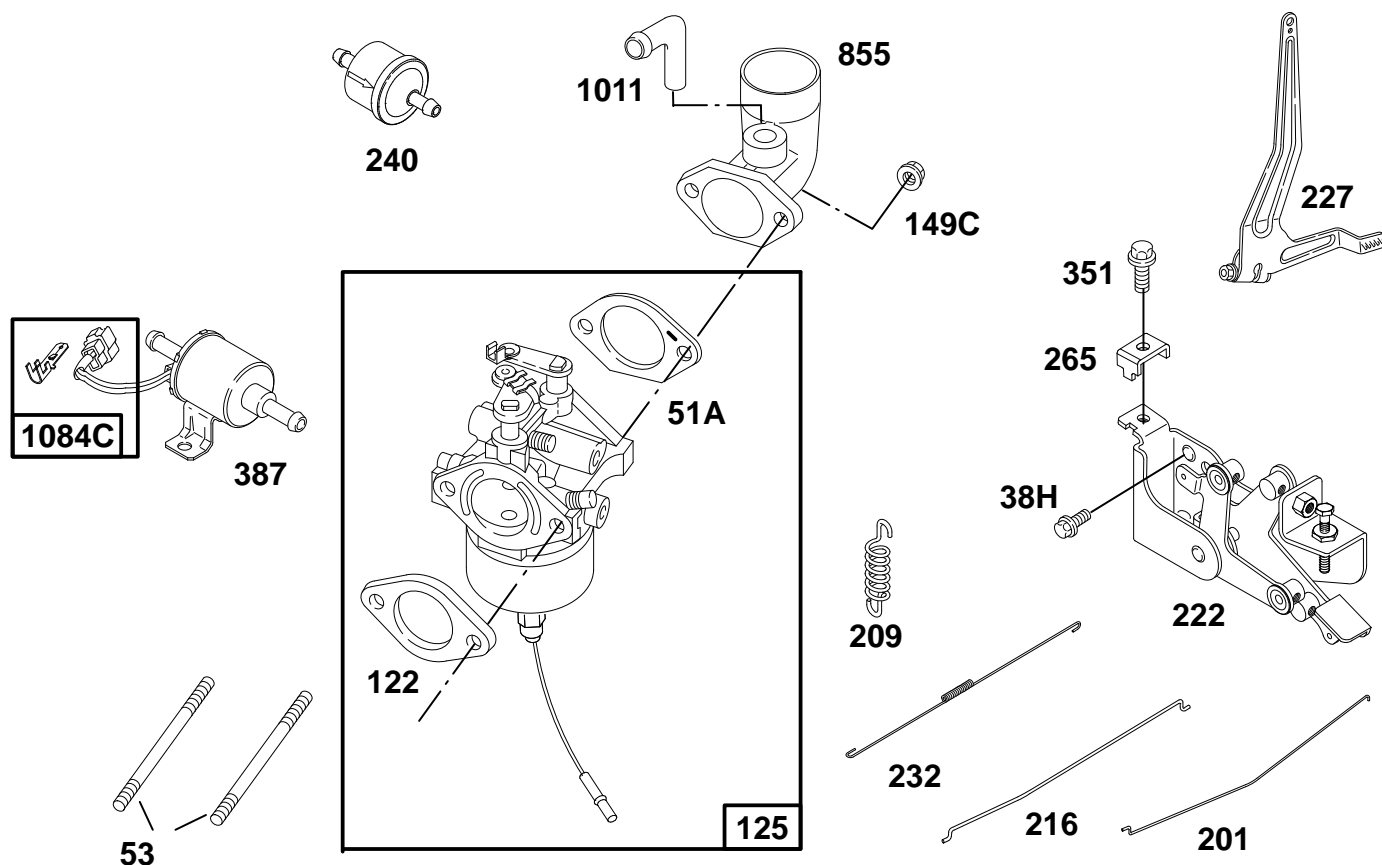
ASSEMBLIES INCLUDE ALL ITEMS IN FRAMES

## ENGINE ASM MODEL 580447 TYPE 0112-E2 (Continued)

Ref. No.	Part No.	Description	No. Used
38	820031	Screw-Hex.	4
38B	820034	Screw-Hex.	4
50	825053	Manifold-Intake	1
†‡51	820087	Gasket-Intake	1
112F	820183	Stud-Std.	4
149B	820069	Nut-Hex.	2

Ref. No.	Part No.	Description	No. Used
154C	820010	Nut-Hex.	6
154D	820178	Nut-Hex.	4
436	825055	Manifold-Exhaust	1
†‡883	820088	Gasket-Exhaust	1
†883A	820085	Gasket-Exhaust	1
1061	820090	Cover-Outlet	1

† Included in Gasket Set - Part Number 825056  
 ‡ Included in Valve Overhaul Kit - Part Number 825057

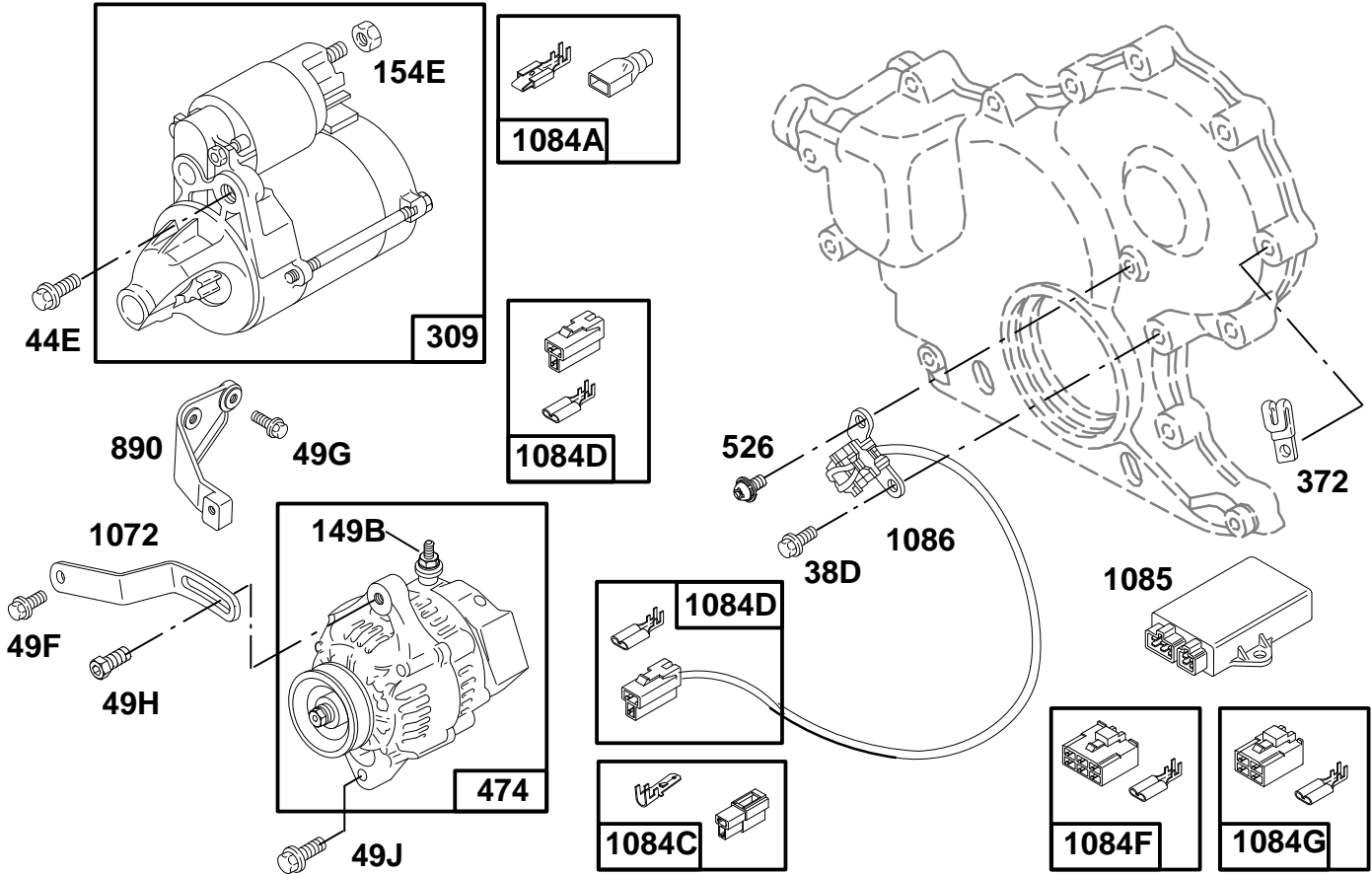


ASSEMBLIES INCLUDE ALL ITEMS IN FRAMES

## ENGINE ASM MODEL 580447 TYPE 0112-E2 (Continued)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
38H	820174	Screw-Hex.	2	227	825061	Lever-Governor	1
†51A	820160	Gasket-Intake	1	232	820172	Spring-Link	1
53	820077	Stud-Carburetor Mounting	2	240	498688	Filter-Fuel	1
122	820082	Spacer-Carburetor	1	265	221535	Clamp-Casing	1
125	825207	Carburetor	1	351	805762	Screw-Phillips Hex.	1
149C	820011	Nut-Hex.	2	387	825005	Pump-Fuel	1
201	820171	Link-Mechanical Governor	1	855	820466	Adaptor-Air	1
209	820315	Spring-Governor	1	1011	820184	Tube-Vent	1
216	820173	Link-Choke	1	1084C	825156	Connector (Fuel Pump-Female)	1
222	825062	Bracket-Control	1				

† Included in Gasket Set - Part Number 825056

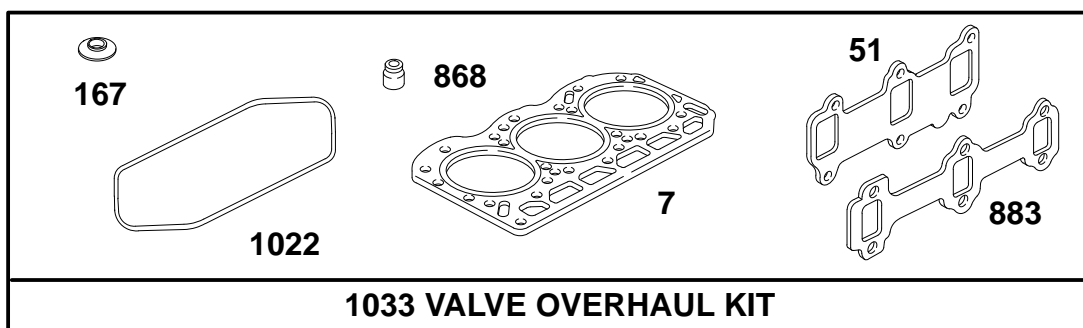
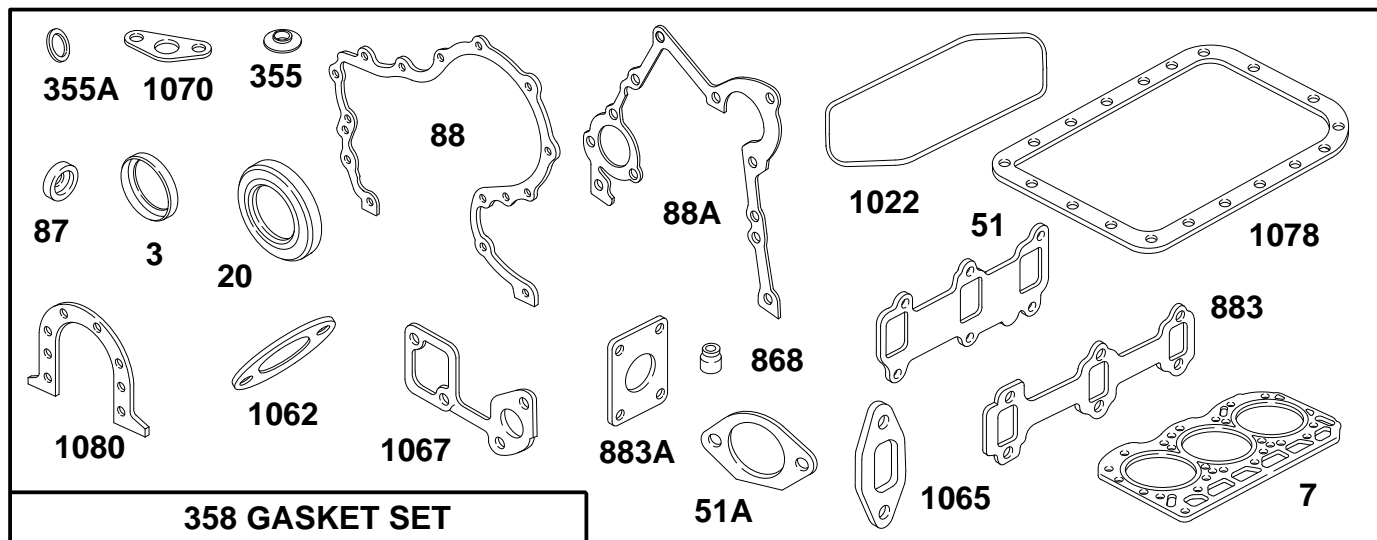


ASSEMBLIES INCLUDE ALL ITEMS IN FRAMES

## ENGINE ASM MODEL 580447 TYPE 0112-E2 (Continued)

Ref. No.	Part No.	Description	No. Used
38D	820029	Screw-Hex.	1
44E	820019	Screw-Hex.	2
49F	820023	Screw-Hex.	1
49G	820275	Screw-Hex.	2
49H	820269	Screw-Hex.	1
49J	820270	Screw-Hex.	1
149B	820069	Nut-Hex.	1
154E	820067	Nut-Hex.	1
309	825095	Motor-Starter	1
372	820047	Clamp	1
474	825084	Alternator (40 Amp.)	1
526	820013	Screw-Phillips	1
890	820213	Bracket-Support	1

Ref. No.	Part No.	Description	No. Used
1072	820217	Bracket-Adjustment	1
1084A	825154	Connector (Starter Terminal)	1
1084C	825156	Connector (Trigger-Female)	1
1084D	825157	Connector (Alternator and Ign. Trigger-Male)	2
1084F	825162	Connector (Ign. Module-Male)	1
1084G	825163	Connector (Ign. Module-Male)	1
1085	825126	Module-Ignition	1
1086	825009	Trigger-Ignition	1



ASSEMBLIES INCLUDE ALL ITEMS IN FRAMES

## ENGINE ASM MODEL 580447 TYPE 0112-E2 (Continued)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
3	820056	Seal-Oil	1	868	820041	Seal-Valve	1
7	820152	Gasket-Cylinder Head	1	883	820088	Gasket-Exhaust	1
20	820055	Seal-Oil	1	883A	820085	Gasket-Exhaust	1
51	820087	Gasket-Intake (Manifold)	1	1022	820150	Gasket-Rocker Cover	1
51A	820160	Gasket-Intake	1	1033	825206	Kit-Valve Overhaul	1
87	820054	Seal-Governor Shaft	1	1062	820093	Gasket-Outlet	1
88	820148	Gasket-Cover	1	1065	820098	Gasket-Inlet Hsg.	1
88A	820155	Gasket-Cover	1	1067	820100	Gasket-Water Pump	1
355	820049	Washer-Seal	1	1070	820104	Gasket-Oil Strainer	1
355A	820064	Washer (Rocker Cover)	1	1078	820137	Gasket-Oil Pan	1
358	825058	Gasket Set	1	1080	820145	Gasket-Retainer	1

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Part No.	Description	Pg. No.	Ref. No.	Qty.	Part No.	Description	Pg. No.	Ref. No.	Qty.
820287	Cap	12	7	1	27-7180	Asm-Cap	22	41	1
825069	Bottle	12	9	1	27-7310	Decal-Over Fill Caution	1	16	1
3-4324	Washer-Flat	27	42	1	27-9620	Screw-HH	17	29	1
3-6624	Spring	27	31	1	28-0670	Oil Seal	16	13	2
3-7243	Spring-Return	5	20	2	28-0680	Brake Drum	16	11	2
4-2390	Washer	27	28	2	28-1280	Boot-Cable, Positive	8	19	1
5-0652	Spacer	17	30	1	28-3300	Bearing-Roller	19	4	1
5-7570	Washer	7	6	2	28-3310	Bearing-Needle	19	5	2
7-3900	Foot Pad-Brake	5	28	2	28-3340	Gasket	19	49	1
10-8110	Washer	25	10	5	28-3350	Pin	19	48	2
12-5450	Screw-Thread Forming	14	15	8	28-3380	Plate-Motor Valve	19	45	1
14-7149	Asm-Hood	1	1	1	28-3400	O-Ring	19	24	2
21-0141	Joint-Ball RH	25	34	2	28-3420	Relief Valve Cone Chg.	19	27	2
21-0151	Joint-Ball LH	25	30	2	28-3440	Threaded Plug	19	42	2
21-7670	Differential Case	14	6	1	28-3450	Washer-Flat	19	36	2
21-7690	Gear-Pinion	14	10	2	28-3470	Lip Seal	19	34	1
21-7700	Shaft-Pinion Mate	14	7	1	28-3480	Bearing-Needle	19	33	1
21-7720	Washer-Thrust	14	8	2	28-3520	O-Ring	19	31	1
21-7730	Washer-Thrust	14	11	2	28-3530	Screw-HH	19	30	2
21-7770	Screw-Drive Gear	14	5	5	28-3570	O-Ring	19	21	2
21-7830	Cover-Gear	14	16	1	28-3580	Ring-Backup	19	20	2
21-7850	Cap Plug	14	27	1	28-3590	O-Ring	19	19	2
21-8020	Spacer-Frt. Pinion Bearing	15	29	1	28-3640	Shaft-Pump	19	12	1
21-8090	Diff. Adjust. Shim. .003	15	35	A/R	28-3650	Bearing-Ball	19	10	1
21-8100	Diff. Adjust. Shim. .005	15	36	A/R	28-3670	Shaft-Trunnion	19	8	1
21-8110	Diff. Adjust. Shim. .010	15	37	A/R	28-5220	Wheel-Friction	7	5	1
21-8120	Diff. Adjust. Shim. .030	15	38	A/R	28-8070	Lanyard	22	27	1
21-8180	Bearing-Tapered Roller	16	3	2	29-4730	Washer-PTO	9	4	1
21-8270	Pin-Dowel	14	4	2	29-6140	Spring-Extended Leaf	21	15	1
21-8360	Clip-Retaining	16	10	2	29-6150	Spring-Leaf	21	17	1
21-9260	Cover-Dust	5	39	1	29-9790	Pump-Lever	21	2	1
21-9370	Adjusting Screw	16	7	2	37-9590	Spring-Compression	22	8	1
21-9380	Nut-Pivot	16	8	2	38-2670	Kit-Charge Pump	19	37	1
21-9390	Socket-Adjusting Screw	16	6	2	38-2680	Pin	19	32	1
21-9420	Spring-Shoe Return LH	16	17	2	38-3400	Bumper-Rubber	18	53	1
21-9430	Spring-Shoe Return RH	16	18	2	42-6080	Shim-Axle	13	11	A/R
21-9440	Screw-Spring Adjusting	16	14	2	42-9850	Washer-Lock	18	57	2
21-9450	Dust Shield	16	4	2	42-9850	Washer-Lock (Solenoid)	27	*	1
21-9460	Retainer-Parking Brake	16	15	4	43-6550	Ring-Retaining	14	26	1
23-2270	Bushing-Rubber	17	3	1	43-6710	Shim Adjusting Differential	14	18	A/R
23-2300	Oil Filter	17	27	1	43-6711	Shim Adjusting Differential	14	19	A/R
23-7270	Nut-Lug	13	20	10	43-6712	Shim Adjusting Differential	14	20	A/R
24-5790	Weight-Rear 35 lb	29	5	1	43-6713	Shim Adjusting Differential	14	21	A/R
24-8790	Gear-Bevel, Differential	14	9	2	43-6750	Cup-Tapered, Bearing	15	31	1
24-8840	Ring-Wheel Bearing	16	22	2	43-6760	Cone-Bearing, Tapered	14	13	1
24-9180	Strut/Lever-Parking Brake	16	19	2	43-6810	Torque Spider	16	5	2
25-2380	Plate-Thrust	19	15	2	43-8600	Spring-Compression	23	74	1
25-2430	Pin	19	46	2	43-8610	Guide-Spring & Ball Seat	23	73	1
25-2460	Hex Hd. Plug	19	23	2	43-8620	Guide-Switch Pin	23	77	1
25-2470	Shim Pack	19	25	A/R	43-8860	Plunger-Switch	23	75	1
25-2480	Relief Valve Spring Chg.	19	44	1	43-8870	Boot-Switch	22	5	1
25-2500	Shaft-Trunnion	19	2	1	43-9071	Asm-Seat Switch	23	*	1
25-2510	Washer	19	3	2	44-2230	Coupling-Rubber	17	16	2
25-3210	Lip Seal	19	7	2	44-8320	Spring	28	10	3
25-3300	Bearing-Needle	19	18	2	44-8530	Sock-Hose	5	47	1
27-2360	Asm-Ignition Switch	3	10	1	46-2210	Shim Front Pinion Bearing	14	28	A/R
27-3680	Spacer-Mounting	17	5	4	46-2211	Shim Front Pinion Bearing	14	*	A/R
27-3690	Gasket-Transmission	17	38	1	46-2212	Shim Front Pinion Bearing	14	*	A/R
27-4240	Pin-Cylinder	10	30	2	46-2213	Shim Front Pinion Bearing	14	*	A/R
27-4370	Hub-Pump	17	10	1	46-2214	Shim Front Pinion Bearing	14	*	A/R
27-6590	Spacer	17	22	4	46-2215	Shim Front Pinion Bearing	14	*	A/R
27-6600	Spacer-Rubber	17	15	4	46-2216	Shim Front Pinion Bearing	14	*	A/R
27-6851	Shaft-Flanged Axle RH	16	*	1	46-2220	Shim Front Pinion Bearing	14	*	A/R
27-6861	Shaft-Flanged Axle LH	16	1	1	46-2221	Shim Front Pinion Bearing	14	*	A/R
27-7100	Asm-Air Cleaner	22	45	1	46-2222	Shim Front Pinion Bearing	14	*	A/R
27-7110	Asm-Element	22	48	1	46-2223	Shim Front Pinion Bearing	14	*	A/R
27-7120	Asm-Nut & Gasket	22	49	1	46-2224	Shim Front Pinion Bearing	14	*	A/R
27-7130	Asm-Clamp	22	51	1	46-2225	Shim Front Pinion Bearing	15	*28	A/R
27-7140	Skirt-Baffle	22	50	1	46-2226	Shim Front Pinion Bearing	15	*	A/R
27-7150	Asm-Cup	23	52	1	46-2410	Shim Front Pinion Bearing	15	*	A/R
27-7160	Decal-Instructions	22	44	1	46-2411	Shim Front Pinion Bearing	15	*	A/R
27-7170	Asm-Mounting Band	22	47	2	46-2412	Shim Front Pinion Bearing	15	*	A/R

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Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
46-2413	Shim Front Pinion Bearing	15 * A/R	63-7320	Cover-Tower Rear	1 32 1
46-2414	Shim Front Pinion Bearing	15 * A/R	63-7340	Wire-Ground	4 2 1
46-2415	Shim Front Pinion Bearing	15 * A/R	63-7340	Wire-Ground	8 21 1
46-2416	Shim Front Pinion Bearing	15 * A/R	63-7400	Washer-Rebound	8 35 4
46-2420	Shim Front Pinion Bearing	15 * A/R	63-7410	Bracket-Bulkhead	10 37 1
46-2421	Shim Front Pinion Bearing	15 A/R	63-7627	Hose	23 66 1
46-2422	Shim Front Pinion Bearing	15 * A/R	63-7627	Hose-Fuel	13 37 1
46-2423	Shim Front Pinion Bearing	15 * A/R	63-7640	Sender-Fuel	13 3 1
46-2424	Shim Front Pinion Bearing	15 * A/R	63-7700	Asm-Screen Frame	12 1 1
46-2425	Shim Front Pinion Bearing	15 *28 A/R	63-7710	Magnetic Strip	12 2 1
46-2426	Shim Front Pinion Bearing	15 * A/R	63-7730	Cable-Brake RH	5 16 1
46-6560	Bushing	13 40 1	63-7731	Cable-Brake LH	5 * 1
46-6810	Screw-HH	1 26 13	63-7880	Pin-Brake Latch	5 23 1
46-7310	Relief Valve Spring Imp.	19 26 1	63-7900	Rack-Brake	5 15 1
46-7320	Plate-Pump Valve	19 17 1	63-7910	Rod-Brake Latch	5 9 1
46-8091	Screw-HH	2 43 2	63-7960	Asm-Lift Valve	11 * 1
48-1800	Kit-Cylinder Block	19 16 2	63-7960	Valve-Lift	10 6 1
48-7680	Screw-HH	27 18 2	63-8050	Box-Control	2 40 1
48-7700	Screw-Cap	27 53 1	63-8090	Asm-Lower Housing	14 1 1
48-8030	Washer-Flat	27 4 18	63-8150	Key-Square	27 7 1
48-9580	Washer	27 25 4	63-8360	Key-Ignition	3 13 1
49-7820	Variable Washplate	19 13 1	63-8410	Washer-Flat	9 19 4
49-7830	Asm-Check Valve	19 22 2	63-9750	Mount	9 20 2
49-8200	Shaft-Motor	19 47 1	65-2740	Spacer	11 10 1
51-3150	Shim	21 13 1	65-2750	Plunger	11 11 1
52-8890	Bracket-Mounting	21 11 1	65-2760	Spring	11 12 1
53-4430	Decal-Oil	2 34 1	65-2770	Washer	11 6 1
53-8130	Gasket-Exhaust	27 49 1	65-2930	Asm-Plug	11 13 1
54-7950	Asm-Drive Shaft	9 * 1	65-2950	Spring	11 7 1
54-9040	Yoke-End	9 28 1	65-5100	Handle-Hood	1 2 1
54-9050	Shaft-Slip Yoke	9 26 1	66-1930	Nut-Lock	26 6 1
54-9090	Yoke-End	9 23 1	66-1940	Piston	26 5 1
54-9170	Tube-Slip Yoke	9 24 1	66-2451	Bracket-Air Cleaner	23 54 2
54-9180	Kit-Universal Joint	9 31 2	66-2470	Plate-Tower	2 41 1
56-2460	Washer-Flat	25 48 A/R	66-2490	Clamp-Retainer, Battery	8 16 1
57-4230	Spacer	29 2 2	66-2590	Pin-Seat Spring	23 57 1
57-6390	Nut-Jam (Starter Solenoid)	27 * 1	66-2630	Latch-Seat	22 31 1
58-6320	Wiper-Seal	11 1 1	66-2670	Bracket-Throttle	8 5 1
58-6400	Bushing	11 5 1	66-2720	Lever-Lift	10 4 1
58-6420	Asm-Cap	11 8 1	66-2770	Tube-Cylinder	26 1 1
58-6450	O-Ring	11 2 2	66-2800	Rod-Seat Support	22 23 1
58-6460	Ring-Retaining	11 9 1	66-2870	Cable-Hood Stop	2 45 1
59-9740	Asm-Flexible Draw Latch	2 47 1	66-2870	Cable-Hood, Stop	27 20 1
62-5550	Decal-TORO	2 37 1	66-2920	Washer-Friction	8 3 2
62-7020	Asm-Wheel & Tire	13 * 2	66-2940	Gage-Fuel	3 9 1
62-7400	Decal-Toro	2 63 1	66-2950	Meter-Hour	3 18 1
62-7650	Gasket	13 38 1	66-2990	Cap-Spindle	25 14 2
63-6050	Clutch-Electric, Brake	27 9 1	66-3040	Cover-Tool Box	1 14 1
63-6150	Asm-Radiator	12 27 1	66-3050	Strip-Magnetic	1 15 1
63-6180	Asm-Brake Pedal, LH	5 26 1	66-3060	Dipstick-Differential	13 36 1
63-6190	Asm-Brake Pedal, RH	5 29 1	66-3110	Hyd. Fitting	17 9 2
63-6210	Pin-Brake	5 22 1	66-3130	Fitting-Hydraulic Tee	10 12 1
63-6240	Belt-PTO	9 5 1	66-3160	Screw	27 3 15
63-6250	Shaft-Tension, PTO	27 40 1	66-3200	Tread-Foot Rest LH	1 29 1
63-6290	Pin-Tension	27 33 1	66-3210	Tread-Foot LH	1 30 1
63-6410	Rod-Pump Control	7 15 1	66-3240	Cap-Radiator	12 11 1
63-6410	Tube-Traction Control	17 1 1	66-8110	Trim-Hood	1 8 1
63-6430	Frame-Rear	25 3 1	66-8140	Hose	20 11 1
63-6440	Shield-Radiator	12 28 1	66-8140	Hose	5 31 1
63-6630	Cylinder-Lift	10 31 2	66-8150	Hose	20 6 1
63-6750	Link-Brake Cable	5 19 2	66-8150	Hose-Hydraulic	10 14 1
63-6760	Asm-Swivel	8 * 1	66-8150	Hose-Hydraulic	18 58 1
63-6770	Pin-Rear Axle	25 7 1	66-8170	Hose	20 12 2
63-6880	Rod-Tie	25 32 2	66-8170	Hose-Hydraulic	5 37 2
63-6890	Plate-Hinge RH	2 42 1	66-8180	Asm-Hose	12 14 1
63-6900	Plate-Hinge LH	1 10 1	66-8180	Hose	20 5 1
63-7030	Screen-Hood	1 3 1	66-8190	Asm-Hydraulic Hose	10 25 1
63-7140	Mount-Shock	8 32 3	66-8190	Hose	20 3 1
63-7141	Mount-Engine	8 55 1	66-8490	Asm-Hose	17 23 1
63-7170	Anchor-Transmission	17 41 1	66-8490	Hose	20 10 1
63-7300	Fender-RH	2 39 1	66-8500	Assembly-Hose	12 33 1
63-7310	Fender LH	1 20 1	66-8500	Hose	20 8 1

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Part No.	Description	Pg. No.	Ref. No.	Qty.	Part No.	Description	Pg. No.	Ref. No.	Qty.
66-8500	Hose	10	15	1	92-1774	Oil Seal	16	2	2
66-8620	Tube	20	9	1	92-4848	Asm-Gear & Pinion	15	*	1
66-8620	Tube Hydraulic (Pump-Str.)	5	33	1	92-4909	Asm-Differential Carrier	15	*	1
66-8630	Tube	20	7	1	92-5076	Adapter-Filter	17	45	1
66-8630	Tube-Hydraulic (Str.-Lift)	5	32	1	92-5077	Bracket-Footrest	7	27	1
66-8640	Asm-Hydraulic Hose	10	33	1	92-5082	Hose	20	1	2
66-8640	Hose	20	4	1	92-5082	Hose	17	35	2
66-8750	Decal-Control Levers	22	16	1	92-5083	Hose	20	2	1
66-8760	Decal-Tower LH	1	33	1	92-5083	Hose-Hydraulic	15	41	1
66-8770	Decal-Tower RH	1	*	1	92-5083	Hose-Hydraulic	17	49	1
66-9970	Kit-Spring	6	*	1	92-5085	Union Filter	17	32	1
66-9980	Kit-Seal	6	*	1	92-5086	Fitting-Hydraulic 45°	17	47	1
66-9990	Kit-Needle Roller	6	*	1	92-5087	Seal-Adapter, Filter	17	33	1
67-1631	Spacer	27	11	1	92-5088	Fitting-45°	15	30	1
67-1710	Decal-Interlock	22	12	1	92-5512	Fitting-Hydraulic, Straight	18	52	2
67-1720	Decal-Caution	1	27	2	92-5513	Transmission	17	6	1
67-1750	Bushing	25	9	6	92-5514	Footrest	7	30	1
67-1900	Screw-HH	17	43	1	92-5534	Shaft-Traction Pedal	7	26	1
67-7050	Asm-Field Rotor	28	1	1	92-5537	Pin-Pedal, Pivot	7	8	1
67-7060	Ring-Retaining	28	8	1	92-5540	Tread-Foot RH	1	31	1
67-7070	Asm-Arm. & Pulley	28	5	1	92-5545	Cover-Tower Front	2	36	1
67-7080	Collar-Bearing	28	6	1	92-5548	Shield-Pedal Stop	2	53	1
67-7090	Bearing-Pulley	28	7	1	92-5709	Housing	19	6	1
67-7100	Plate-Brake	28	11	1	92-5716	Center Section	19	39	1
67-7120	Link-Fusible	4	5	1	92-5717	Plug-Pipe	19	40	1
67-7160	Fuse Block	22	14	1	92-5750	Pad-Footrest	7	31	1
67-7250	Spacer Cyl.	25	39	1	92-5753	Clamp-R	8	14	1
67-7300	Screw Hex Hd.	25	36	1	92-5757	Asm-Radiator, Support	12	10	1
67-9410	Washer-Flat	25	52	1	92-5759	Plate-Seat	22	22	1
68-5140	Asm-Steering Wheel Cap	5	7	1	92-5772	Decal-Traction Pedal	2	38	1
68-5370	Decal-Toro	5	40	1	92-6501	Asm-Tool Box	1	19	1
68-9400	Nut-Hex.	27	50	4	92-7308	Asm-Power Steering Valve	5	3	1
69-9870	Asm-Wheel & Tire	13	*	2	92-7310	Bolt-Special	6	36	4
69-9880	Tire-23" x 10.5" x 12" 6 Ply	13	*	2	92-7314	Asm-Column	6	*	1
70-1480	Relay	22	11	2	92-7315	Seal	6	28	1
70-7530	Spring-Compression	10	3	1	92-7316	Nut-Push On	6	38	1
70-8040	Washer	29	6	2	92-7317	Foam	6	39	1
71-1540	Tube-Vent	12	23	1	92-7892	Bracket-Seat Switch	22	2	1
71-3500	Lever-Throttle	8	2	1	92-7894	Frame-Seat	22	35	1
71-3730	Decal-Gas	22	28	1	92-8751	Bracket-PTO Bearing	9	12	1
71-4540	Washer-Thrust	25	2	1	92-8762	Weight-20 lb	29	7	1
72-4320	Switch	23	71	1	92-8775	Kit-Liquid Gasket	16	*	1
72-9420	Asm-Vent	15	40	1	92-8798	Decal-Warning	1	17	1
74-0720	Tube-Manual	24	1	1	92-8799	Asm-PTO Bearing, Shaft	9	14	2
75-0560	Asm-Steering Wheel	5	6	1	92-8799	Bearing	27	39	1
75-6880	Screen-Spark Arrester	27	*	1	92-8854	Bracket-Pivot	7	7	1
76-2070	Cylinder-Steering	25	40	1	92-8855	Shaft-PTO	9	7	1
76-2080	Asm-Piston Rod	26	4	1	92-9211	Gage-Temperature	3	8	1
76-2090	Kit-Seal	26	2	1	93-0307	Nut-Lock, Retainer	25	57	2
76-2790	Gland	26	3	1	93-0309	Washer-Tab	25	22	2
76-2970	Bushing	25	55	2	93-2260	Hose	12	6	1
76-2980	Washer-Thrust	25	54	1	93-3101	Cap-Fuel	13	8	1
76-3000	Asm-Axle	25	37	1	93-3192	Decal-Hood RH	1	*	1
76-4790	Pad-Rubber	1	11	1	93-3193	Decal-Hood LH	1	7	1
76-4810	Pivot-Steering	25	28	1	93-3195	Spindle-Wheel LH	25	17	1
76-4830	Rod-Tie	10	18	1	93-3196	Spindle-Wheel RH	25	35	1
76-8750	Plate-Warning	12	16	1	93-4133	Lip Seal	19	9	1
77-0550	Tube-Fill	15	44	1	93-7053	Cluster-Warning Light	3	19	1
80-3330	Gasket	23	53	1	94-1349	Hose	13	4	1
80-7730	Spacer	8	56	4	94-1754	Switch-Bracket, Roller	21	6	1
82-8530	Fitting	17	26	1	94-2975	Shaft-Seal	19	34	1
82-8950	Foam	2	51	2	94-2976	Ring-Retaining	19	50	1
84-7580	Plate-Bushing Support	9	13	1	94-3307	Pad-Traction Pedal Front	7	1	1
84-7660	Clamp-Column	5	44	1	94-3308	Pad-Traction Pedal Rear	7	3	1
84-7670	Foam-Column Support	5	43	2	94-3457	Sender-Temperature	27	37	1
84-8600	Brake Shoe Set	16	16	1	94-3591	Pedal-Traction	7	2	1
85-7560	Plate-Control Panel	3	1	1	94-6412	Muffler-Exhaust	27	34	1
86-7220	Gear-Spur	17	36	1	94-6750	Shroud-Fan	12	21	1
86-7230	Gear-Spur	14	17	1	94-6756	Hose-Upper	12	19	1
86-7930	Upper Housing Assembly	14	22	1	94-6765	Connector-90°	13	41	1
86-9640	Asm-Axle	13	34	1	94-6821	Clamp-Wire	23	79	1
92-1773	Screw-HH	14	14	4	94-6934	Screw-HH	16	21	8

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Part No.	Description	Pg. No.	Ref. No.	Qty.	Part No.	Description	Pg. No.	Ref. No.	Qty.
94-6935	Nut-Lock, Flange Hd.	16	12	8	237-22	O-Ring	5	38	2
94-6936	Washer-Flat	16	23	8	237-30	O-Ring	5	36	2
94-6968	Bracket-Bellcrank, Throttle	8	9	1	237-30	O-Ring	23	72	1
94-7337	Bracket-Overflow, Bottle	12	13	1	237-42	O-Ring	17	7	4
94-7343	Base-Battery	8	24	1	237-65	O-Ring	10	9	5
94-7344	Asm-Plate, Pivot	27	41	1	237-78	O-Ring	25	45	2
94-7416	Mount-Engine	27	5	1	237-78	O-Ring	17	51	3
94-7420	Hose	23	59	1	237-79	O-Ring	17	46	2
94-7421	Hose-Lower	12	24	1	237-136	Grommet	13	13	3
94-7422	Pulley-PTO	9	1	1	241-119	Cap-Hub	25	25	2
94-7430	Hub-Clutch	27	6	1	242-34	Stud-Axle Flange	16	9	10
94-7431	Bolt	27	32	1	2411-36	End-Rod	7	18	1
94-7433	Support-Muffler	27	23	1	2412-4	R-Clamp	17	40	1
94-7434	Bracket-Mounting	27	29	1	2412-34	Clamp-Hose	12	20	4
94-7438	Lever-Anchor, Clutch	27	15	1	2412-34	Clamp-Hose	15	42	2
94-9400	Drive Shaft	17	17	1	2412-36	Clamp	5	34	2
94-9403	Engine-Gas	27	1	1	2412-36	Clamp	13	9	1
94-9420	Link-Throttle	8	48	1	2412-36	Clamp-Hose	10	13	2
94-9421	Bellcrank-Throttle	8	49	1	2412-36	Clamp-Hose	18	54	1
94-9422	Screw-Shoulder	8	50	3	2412-42	Clamp-Hose	22	43	1
94-9425	Control-Choke	3	14	1	2412-58	Clamp	8	41	1
94-9426	Cable-Throttle	8	12	1	2412-92	Clamp-Hose	22	38	1
95-0655	Bracket-Pump, Fuel	23	68	1	2412-98	Clamp-Hose	23	60	4
95-1551	Plate-Pump	21	12	1	2412-103	R-Clamp	12	22	2
95-1552	Stop-Leaf Spring	21	7	1	2412-107	R-Clamp	22	40	1
95-1592	Angle-Base, Battery	8	15	1	2412-108	Clamp	13	42	3
95-1593	Hose-Air Cleaner Inlet	22	42	1	2412-108	Clamp-Hose	12	5	2
95-1599	Bracket-Base, Battery	8	26	1	2412-108	Clamp-Hose	23	62	1
95-1674	Asm-Wire Harness	4	3	1	2412-108	Hose Clamp	17	34	4
95-1675	Asm-Lamp Wire Harness	4	4	1	2412-119	Clamp-Hose	15	47	1
95-1821	Spring	5	12	1	2412-119	Clamp-Hose	17	48	1
95-2926	Filter-Fuel	23	64	1	2412-133	R-Clamp	24	2	2
95-3008	Decal-Service	1	18	1	2412-147	R-Clamp	12	35	1
95-3009	Panel-Control	3	2	1	2412-147	R-Clamp	23	65	1
95-3024	Decal-GM 225	1	5	2	251-77	Collar-Locking	9	16	2
95-3097	Bracket-Engine, LH	27	36	1	251-77	Collar-Locking	27	47	1
95-3300	Bracket-Engine, RH	27	2	1	251-259	Bearing-Ball	21	19	1
95-4410	Cable-Positive, Battery	8	20	1	253-129	Seal-Hub	25	27	2
95-4410	Wire-Positive	4	1	1	254-65	Cone-Tapered, Bearing	15	33	2
95-6269	Hose-Fuel	23	63	1	254-66	Cup-Tapered, Bearing	15	32	2
95-6270	Bracket-Mount, Engine	8	11	2	254-72	Cup-Bearing	25	20	4
95-6272	Bracket-Mount, Engine RH	8	13	2	254-90	Cup-Bearing	14	24	1
95-6280	Asm-Frame	2	35	1	254-91	Cone-Bearing	14	25	1
95-6309	Asm-PTO Switch	3	5	1	254-94	Cone-Bearing	25	21	4
95-6328	Bumper-Clutch	27	16	1	256-42	Bushing	5	27	4
96-1215	Hose	12	8	1	256-121	Washer-Thrust	25	16	2
98-2328	Carrier Bracket	13	31	2	256-156	Bushing-Flange	7	10	2
98-2348	Asm-Pivot Pin	13	25	2	256-299	Bushing	27	44	2
98-3883	Clamp	8	28	2	282-27	Clevis	10	22	1
98-5002	Tank-Fuel	13	39	1	283-16	Pin-Clevis	10	19	1
98-7926	Spacer-Lift Arm	13	45	4	283-49	Pin-Clevis	22	21	2
217-116	Rim-23" x 10.5" x 12"	13	*	2	283-58	Pin-Clevis	5	17	4
217-117	Rim	13	19	2	283-58	Pin-Clevis	10	23	1
217-118	Rim	25	19	2	283-58	Pin-Clevis	2	44	1
218-446	Nut-Hex.	3	12	1	285-17	Plug-Pipe	19	28	4
218-447	Washer-Lock	3	11	1	289-6	Nipple-Pipe	15	45	1
218-461	Nut-Jam	22	6	2	2810-1	Coupler	15	46	1
218-578	Fuse 10.0 Amp	4	6	2	302-5	Fitting-Grease	25	11	3
219-17	Bulb-Light	3	20	4	302-5	Fitting-Grease	5	30	2
231-95	Tire-23" x 10.5" x 12" 4 Ply	13	*	2	302-5	Fitting-Grease	25	50	1
231-101	Tire	13	18	2	302-5	Fitting-Grease, Straight	27	45	1
231-105	Tire	25	18	2	302-40	Fitting-Grease	9	18	2
232-27	Valve Stem w/Cap	13	21	2	302-40	Fitting-Grease 90°	27	46	1
232-35	Stem-Valve	25	26	2	302-58	Fitting-Grease	9	25	1
233-17	Knob	5	8	1	304-46	Drain Cock	12	29	1
233-39	Knob	8	4	1	304-99	Fitting-Hydraulic 90°	10	27	2
233-39	Knob	10	5	1	321-3	Screw-HH	1	4	7
237-7	O-Ring	23	76	1	321-3	Screw-HH	5	21	1
237-21	O-Ring	25	47	2	321-4	Screw-HH	25	8	1
237-22	O-Ring	10	11	7	321-4	Screw-HH	21	16	2
237-22	O-Ring	17	25	1	321-4	Screw-HH	12	18	4
237-22	O-Ring	10	28	2	321-4	Screw-HH	22	29	5

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321-4	Screw-HH	10	38	2	3241-6	Screw-Set	17	13	2
321-4	Screw-HH	8	52	2	3246-1	Screw-Set	9	17	2
321-4	Screw-HH	2	54	2	3246-1	Screw-Set	27	48	1
321-5	Screw-HH	13	15	3	3249-3	Screw-Round Hd.	12	26	2
321-6	Screw-HH	22	36	3	3253-2	Washer-Lock	3	26	5
321-8	Screw-HH	27	17	1	3253-3	Washer-Lock	10	8	2
321-9	Screw-HH	21	3	2	3253-3	Washer-Lock	13	14	3
321-11	Screw-HH	10	16	2	3253-3	Washer-Lock	22	30	2
322-3	Screw-HH	23	55	4	3253-3	Washer-Lock	8	53	2
322-5	Screw-HH	24	3	2	3253-4	Washer-Lock	9	10	4
322-5	Screw-HH	5	4	2	3253-4	Washer-Lock	8	25	2
322-5	Screw-HH	9	9	4	3253-7	Washer-Lock	8	37	8
322-5	Screw-HH	8	23	13	3253-8	Washer-Lock	13	17	4
322-5	Screw-HH	22	39	6	3253-15	Washer-Lock	13	2	5
322-6	Screw-HH	8	54	2	3253-15	Washer-Lock	3	31	2
322-9	Screw-HH	9	30	2	3253-19	Washer-Lock	3	33	3
322-13	Screw-HH	22	18	6	3253-21	Washer-Lock	9	3	1
322-14	Screw-HH	9	32	2	3253-21	Washer-Lock	21	9	2
322-17	Screw-HH	21	14	1	3253-21	Washer-Lock	3	16	1
323-8	Screw-HH	19	29	2	3253-21	Washer-Lock	8	17	2
323-9	Screw-HH	8	18	2	3253-21	Washer-Lock	17	31	4
323-10	Screw-HH	9	21	2	3254-1	Washer-Lock	3	29	1
323-10	Screw-HH	19	43	4	3255-8	Washer-Lock	14	3	8
323-11	Screw-HH	8	40	3	3255-8	Washer-Lock	1	12	4
323-18	Screw-HH	9	2	1	3255-8	Washer-Lock, Ext. Tooth	27	52	1
323-29	Screw-HH	7	17	1	3255-8	Washer-Lock, Int. Tooth	8	30	1
323-34	Screw	27	8	1	3255-20	Washer-Lock	3	22	2
323-39	Screw-HH	17	28	3	3256-1	Washer-Flat	3	3	4
324-5	Screw-HH	13	27	4	3256-14	Washer-Flat	3	25	2
324-23	Screw-HH	19	35	2	3256-22	Washer-Flat	10	7	2
325-5	Screw-HH	25	6	2	3256-22	Washer-Flat	12	17	4
325-9	Screw-HH	29	4	4	3256-22	Washer-Flat	22	32	6
328-25	Screw-HH	25	41	1	3256-22	Washer-Flat	5	35	3
3210-5	Screw-HH	17	12	4	3256-22	Washer-Flat	25	51	1
3210-7	Screw-HH	14	23	8	3256-23	Nut-Lock	24	4	2
3210-8	Screw-HH	17	24	2	3256-23	Washer	8	57	4
3212-5	Screw-HH	27	10	1	3256-23	Washer-Flat	10	1	1
3213-2	Screw-HH	8	38	8	3256-23	Washer-Flat	5	1	4
3216-3	Screw-HH	10	32	2	3256-23	Washer-Flat	22	17	6
3217-25	Nut-Hex.	3	23	4	3256-23	Washer-Flat	21	20	2
3217-26	Nut-Hex.	3	30	1	3256-23	Washer-Flat	5	42	2
3217-29	Nut-Hex.	12	30	2	3256-24	Washer-Flat	8	6	5
3218-3	Nut-Jam	17	42	2	3256-24	Washer-Flat	7	12	1
3218-19	Nut-Hex.	3	6	2	3256-24	Washer-Flat	27	13	2
3219-2	Nut	14	2	8	3256-24	Washer-Flat	3	15	1
3219-14	Nut-Hex.	3	27	6	3256-24	Washer-Flat	22	20	1
3219-29	Nut-Hex.	3	32	6	3256-24	Washer-Flat	17	44	1
3220-2	Nut-Jam RH	10	21	1	3256-24	Washer-Flat	25	56	2
3220-3	Nut-Jam	7	16	1	3256-25	Washer-Flat	13	26	4
3220-3	Nut-Jam	3	17	1	3256-26	Washer-Flat	10	2	2
3220-3	Nut-Jam	25	43	8	3256-26	Washer-Flat	17	2	1
3220-5	Nut-Jam RH	25	33	2	3256-26	Washer-Flat	29	3	2
3220-6	Nut	6	27	1	3256-26	Washer-Flat	5	14	1
3220-6	Nut-Hex.	5	5	1	3256-27	Washer-Flat	22	9	1
3220-7	Nut-Jam	25	23	2	3256-40	Washer-Flat	8	36	8
3220-7	Nut-Jam	17	50	1	3256-51	Washer-Flat	21	5	2
3220-12	Nut-Jam LH	25	31	2	3256-51	Washer-Flat	8	47	3
3230-2	Bolt-CARR	7	25	2	3256-60	Washer-Flat	27	51	1
3230-2	CARR-Bolt	21	10	2	3256-60	Washer-Flat	23	78	4
3230-4	Bolt-CARR	9	11	2	3256-67	Washer-Flat	13	12	3
3230-4	Bolt-CARR	27	35	2	3256-69	Washer-Flat	22	3	1
3230-23	Bolt-CARR	1	28	4	3256-69	Washer-Flat	5	45	AR
3234-5	Screw-Flange	12	25	8	3256-71	Washer-Flat	17	21	4
3234-13	Screw-HFH	8	1	1	3257-5	Key-Woodruff	9	6	1
3234-13	Screw-HFH	25	12	2	3257-5	Key-Woodruff	19	11	2
3234-13	Screw-HFH	1	24	8	3257-5	Key-Woodruff	17	11	1
3234-14	Screw-HFH	1	21	8	3258-19	Screw-HH	22	46	2
3234-17	Screw-Flange	22	34	2	3269-10	Washer-Flat	12	32	3
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3234-29	Screw-HHF	27	22	2	3272-5	Pin-Cotter	5	13	3
3234-30	Screw-Flange	8	31	2	3272-5	Pin-Cotter	10	20	1

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3272-10	Pin-Cotter	17 4 1	32121-49	Pin-Spring	13 43 2
3272-10	Pin-Cotter	7 9 2	32121-50	Pin-Roll	5 24 1
3272-10	Pin-Cotter	5 18 5	32121-50	Pin-Roll	7 32 1
3272-10	Pin-Cotter	10 39 1	32121-71	Pin-Spring	13 44 2
3272-10	Pin-Cotter	2 46 1	32121-91	Pin	19 14 3
3272-11	Pin-Cotter	22 19 2	32122-24	Screw-Machine	13 1 5
3272-13	Pin-Cotter	25 24 2	32128-14	Nut-Hex. Flange	23 67 2
3272-15	Pin-Cotter	9 22 1	32128-20	Nut-Flange	1 25 4
3272-17	Pin-Cotter	13 33 2	32128-20	Nut-Flange	8 29 3
3272-23	Pin-Cotter	10 29 4	32128-20	Nut-Flange	22 37 10
3273-38	Screw-HSH	13 35 4	32128-20	Nut-Lock	12 34 1
3274-8	Screw-Socket Head	23 58 2	32128-20	Nut-Lock, Whiz	12 4 6
3274-32	Screw-HSH	1 13 4	32128-25	Nut-Lock	27 24 2
3274-65	Screw-HSH	3 4 4	32128-33	Nut-Flange	22 7 3
3290-255	Pin-Hair, Cotter	22 26 1	32128-33	Nut-Flange	8 8 1
3290-271	Rivet	12 12 4	32128-33	Nut-Flange Hd.	1 6 13
3290-271	Rivet	2 48 4	32128-44	Nut-Flange, Lock	7 28 2
3290-359	Screw-Machine	1 9 4	32128-45	Nut-Lock, Flange	25 49 1
3290-378	Tie-Cable	22 25 1	32128-56	Nut-Flange	7 24 2
3296-6	Nut-Lock	28 9 3	32144-21	Screw-PPH	5 41 1
3296-12	Nut-Lock	22 1 2	32148-6	Nut-Clinch	22 4 6
3296-12	Nut-Lock	8 46 4	32148-7	Nut-Clinch	2 59 22
3296-12	Nut-Lock	2 49 4	32148-8	Nut-Clinch	2 62 8
3296-15	Nut-Lock	10 24 2	32148-9	Nut-Clinch	2 58 3
3296-20	Nut-Lock	5 2 4	32148-9	Nut-Clinch	22 24 2
3296-25	Nut-Lock	29 1 2	32148-10	Nut-Clinch	2 60 14
3296-25	Nut-Lock	25 4 2	32148-11	Nut-Clinch	2 61 4
3296-29	Nut-Lock	5 10 2	32148-11	Nut-Clinch	10 41 2
3296-29	Nut-Lock	21 18 3	32148-11	Nut-Clinch	23 70 2
3296-29	Nut-Lock	9 27 4	32149-1	Nut-Keps	27 38 2
3296-29	Nut-Lock	8 34 10	32149-1	Nut-Lock	9 15 2
3296-29	Nut-Lock	10 40 1	32151-36	Ring-Retaining	25 15 2
3296-39	Nut-Lock	8 7 4	32151-46	Ring-Retaining	19 1 2
3296-39	Nut-Lock	9 8 2	32151-77	Ring-Retaining	25 53 1
3296-39	Nut-Lock	7 21 1	32151-83	Ring-Retaining	27 30 2
3296-39	Nut-Lock	17 39 2	32152-5	Nut-Lock	17 14 6
3296-42	Nut-Lock	21 1 4	32153-3	Nut-Lock	27 27 1
3296-42	Nut-Lock	25 5 1	32153-4	Nut-Lock	27 14 1
3296-42	Nut-Lock	12 15 4	32153-6	Nut-Hex Lock	25 38 1
3296-42	Nut-Lock	5 25 1	33104-040	Screw-HH	17 20 2
3296-42	Nut-Lock	22 33 5	33115-030	Bolt	27 26 1
3296-42	Nut-Lock	10 34 2	340-2	Fitting-Hydraulic Straight	10 10 1
3296-45	Nut-Lock	29 8 2	340-70	Nut-Fitting	10 35 1
3296-48	Nut-Lock	13 16 4	340-71	Fitting-Hydraulic Bulkhead	10 36 1
3296-51	Nut-Lock	25 29 1	340-77	Fitting-Hydraulic 90°	10 * 1
3296-59	Nut-Lock	27 12 1	340-77	Fitting-Hydraulic 90°	10 17 2
3298-8	Screw-Set	3 21 1	340-86	Fitting-Hydraulic Tee	10 26 1
32105-8	Screw	8 42 1	340-92	Fitting-Straight	25 46 1
32105-8	Screw-Slotted HH	21 4 2	340-103	Fitting-Hydraulic 45°	25 44 1
32105-13	Screw-HH	22 15 2	353-508	Asm-Plug	11 14 1
32107-11	Nut-Square	23 56 2	353-536	Fitting-90°	13 10 1
32120-72	Ring-Retaining	17 37 1	353-979	Hose Barb	17 8 1
32121-6	Pin-Roll	7 4 1	353-988	Plug-Hydraulic	18 55 1
32121-6	Pin-Roll	22 10 1	353-990	Plug-Hydraulic	18 56 1
32121-15	Pin-Roll	15 34 1	354-71	Pipe Nipple	15 43 1
32121-32	Pin-Roll	27 43 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 225 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 225, 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 225.
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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