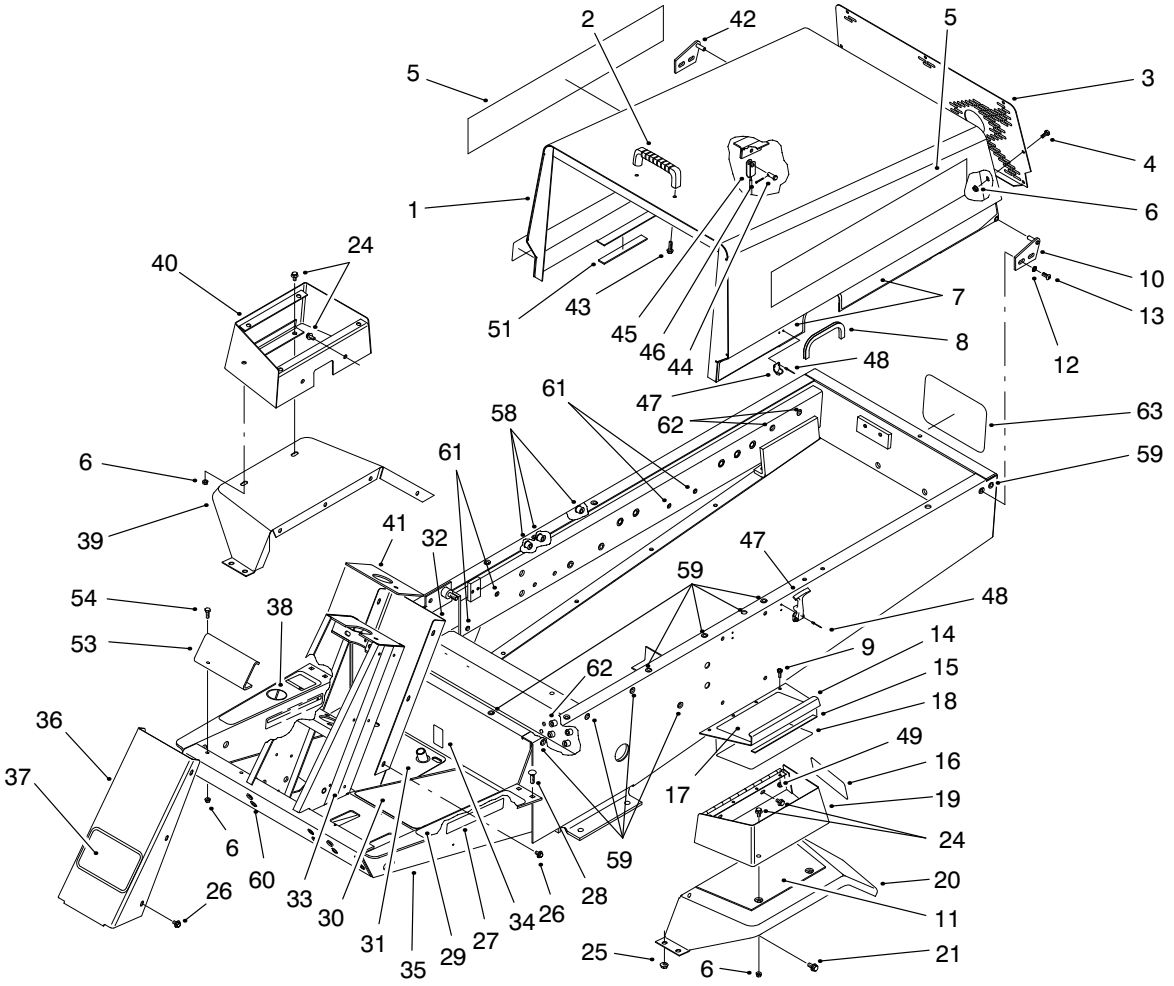
FORM NO. 3321–565

TORO®

MODEL NO. 30230–80001 & UP

PARTS CATALOG

GROUNDSMASTER® 225
TRACTION UNIT



T–2733–2

BODY ASM

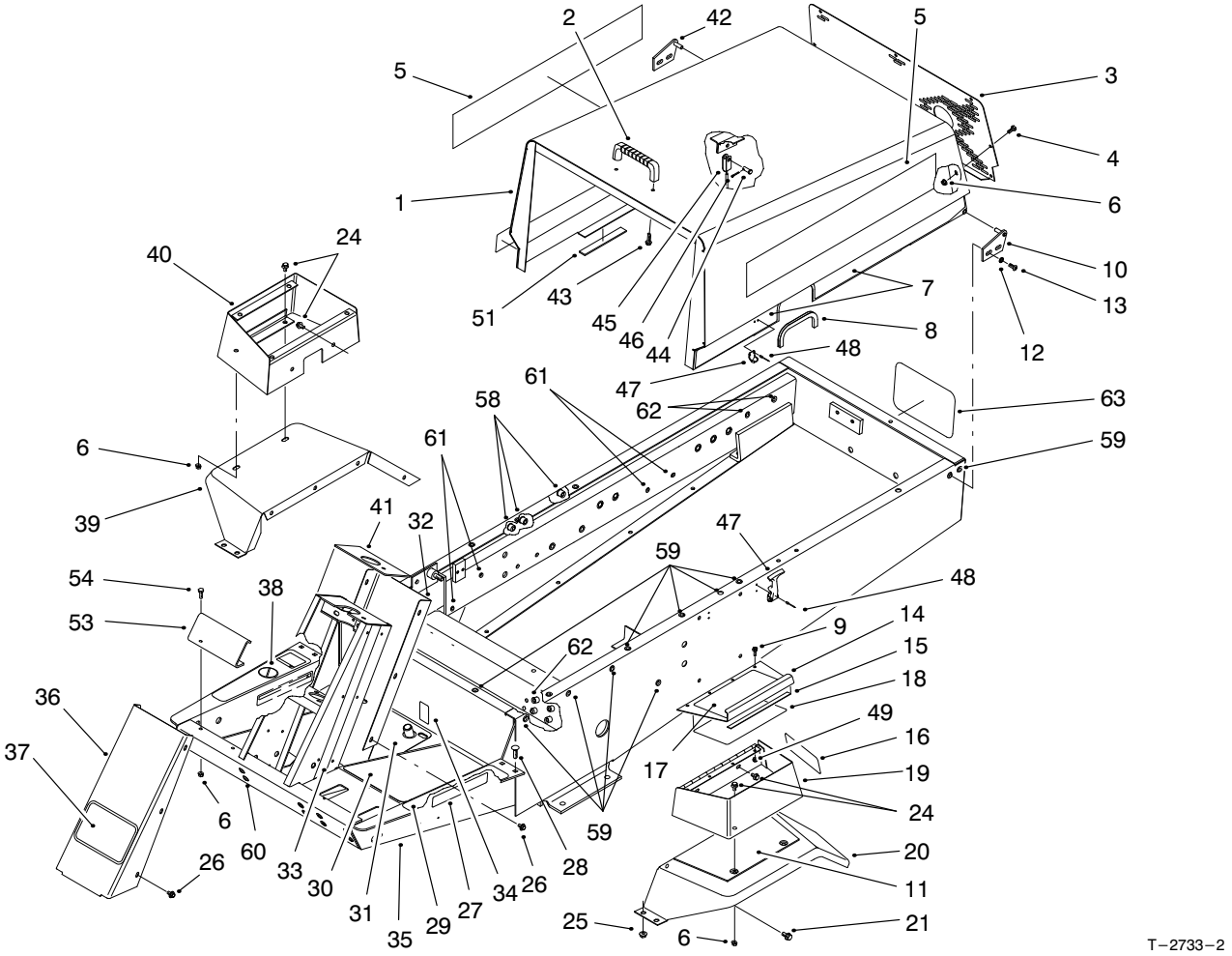
Ref. No.	Part No.	Description	No. Used
1	14–7149	Asm–Hood	1
2	65–5100	Handle–Hood	1
3	63–7030	Screen–Hood	1
4	321–3	Screw–HH	7
5	95–3024	Decal–GM 225	2
6	32128–33	Nut–Flange Hd.	13
7	93–3193	Decal–Hood LH	1
*	93–3192	Decal–Hood RH	1
8	66–8110	Trim–Hood	1
9	3290–359	Screw–Machine	4
10	63–6900	Plate–Hinge 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

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TPS



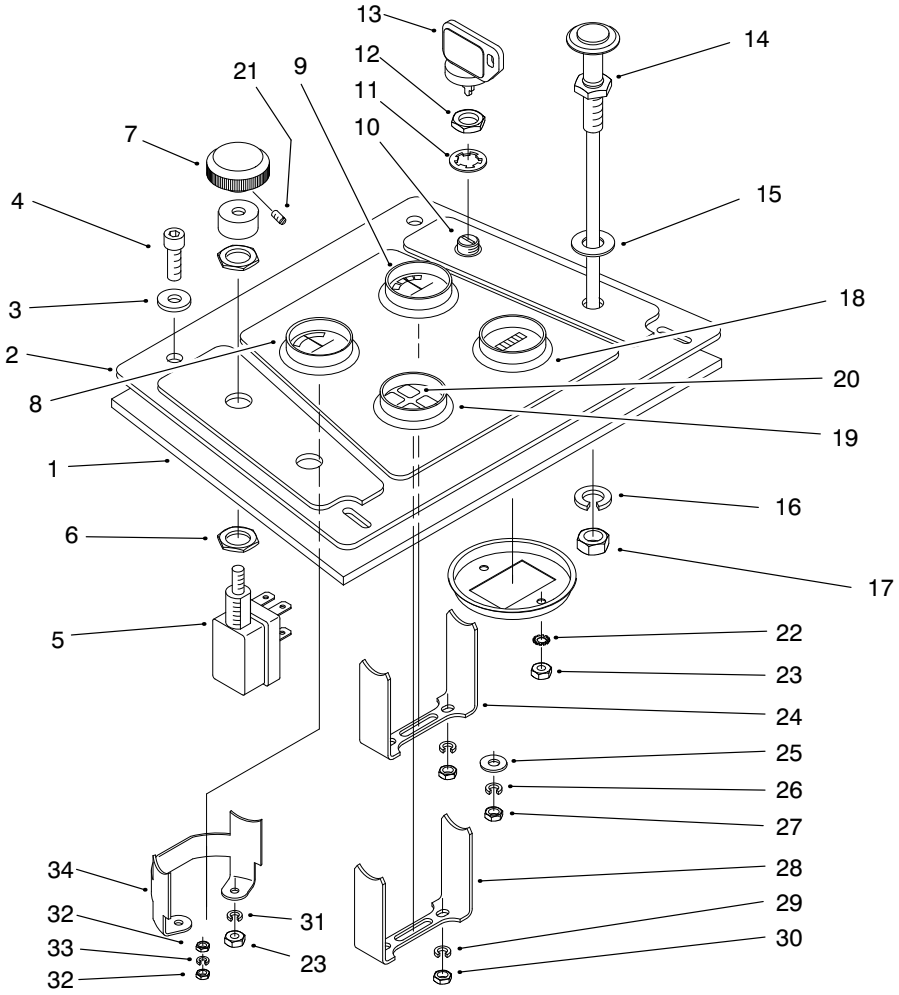
BODY ASM (Continued)

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.

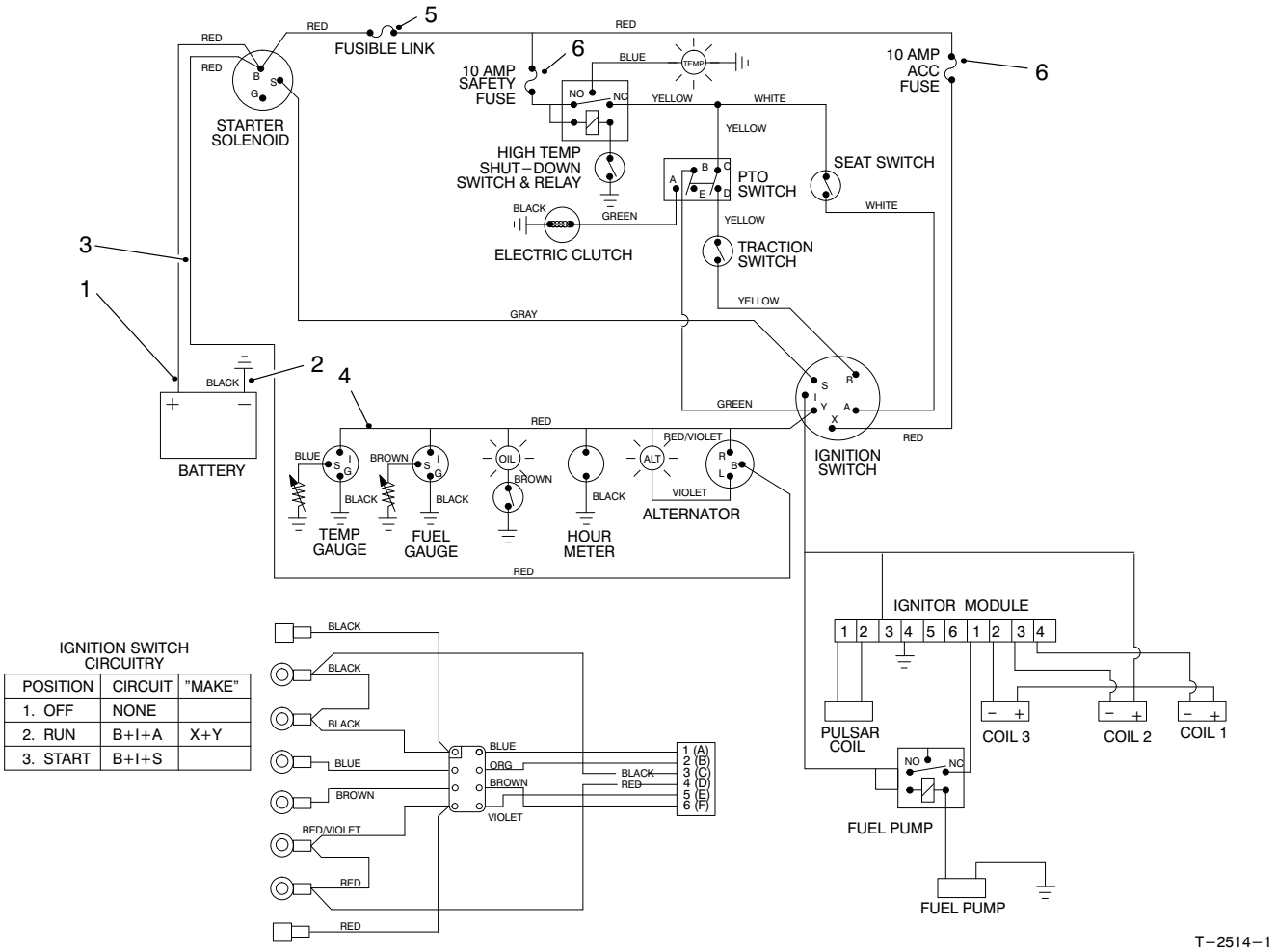


T–2513–3

CONTROL PANEL ASM

Ref. No.	Part No.	Description	No. Used
1	85–7560	Plate–Control Panel	1
2	95–3009	Panel–Control	1
3	3256–1	Washer–Flat	4
4	3274–65	Screw–HSH	4
5	95–6309	Asm–PTO Switch (Incl. Ref. #6, 7 & 21)	1
6	3218–19	Nut–Hex.	2
7		Knob–Switch	1
8	92–9211	Gage–Temperature (Incl. Ref. #23 & 31–34)	1
9	66–2940	Gage–Fuel (Incl. Ref. #24–27)	1
10	27–2360	Asm–Ignition Switch (Incl. Ref. #11–12)	1
11	218–447	Washer–Lock	1
12	218–446	Nut–Hex.	1
13	63–8360	Key–Ignition	1
14	94–9425	Control–Choke	1
15	3256–24	Washer–Flat	1
16	3253–21	Washer–Lock	1

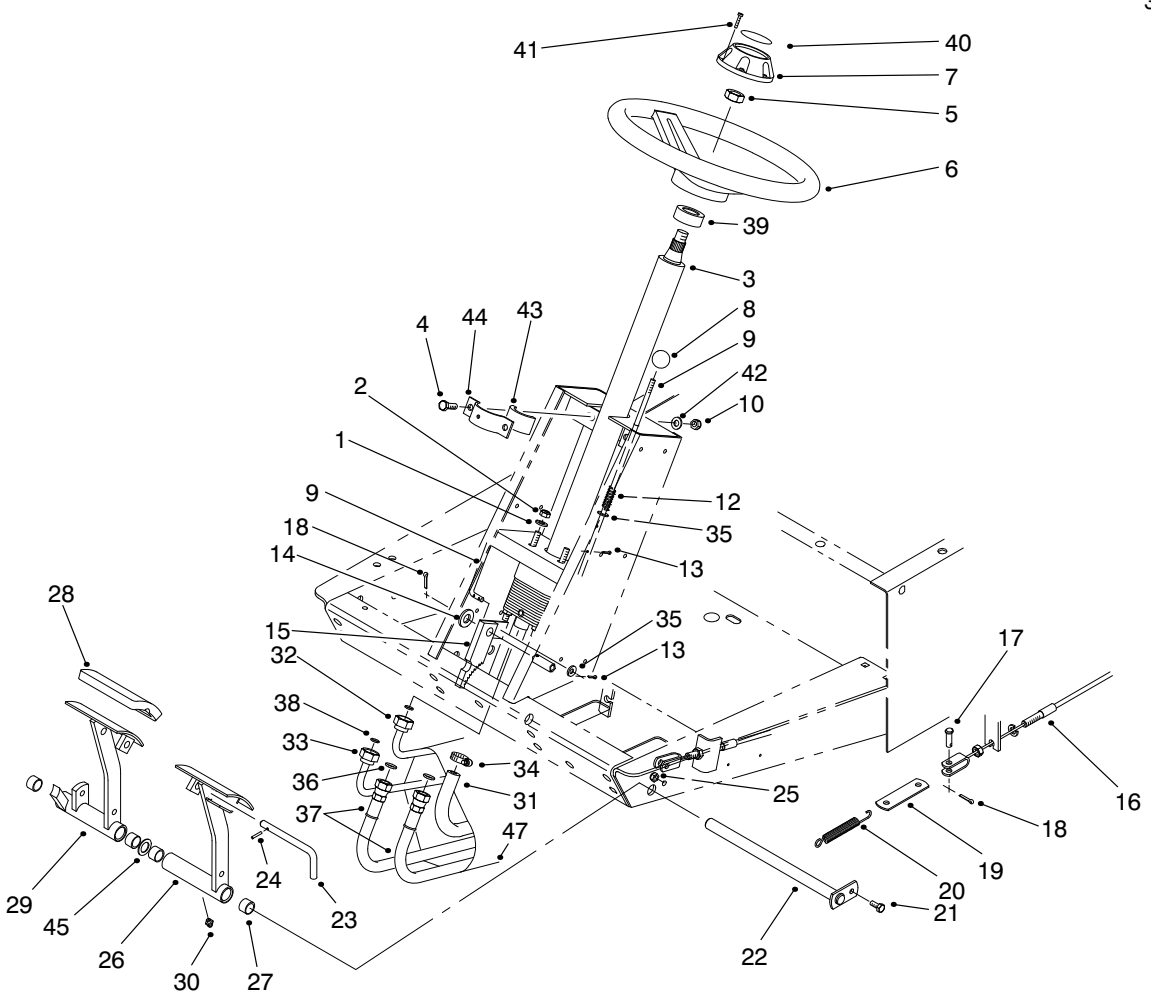
Ref. No.	Part No.	Description	No. Used
17	3220–3	Nut–Jam	1
18	66–2950	Meter–Hour (Incl. Ref. #22 & 23)	1
19	93–7053	Cluster–Warning Light (Incl. Ref. #20 & 28–30)	1
20	219–17	Bulb–Light	4
21	3298–8	Screw–Set	1
22	3255–20	Washer–Lock	2
23	3217–25	Nut–Hex.	4
24		Clamp	1
25	3256–14	Washer–Flat	2
26	3253–2	Washer–Lock	5
27	3219–14	Nut–Hex.	6
28		Clamp–Light	1
29	3254–1	Washer–Lock	1
30	3217–26	Nut–Hex.	1
31	3253–15	Washer–Lock	2
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
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

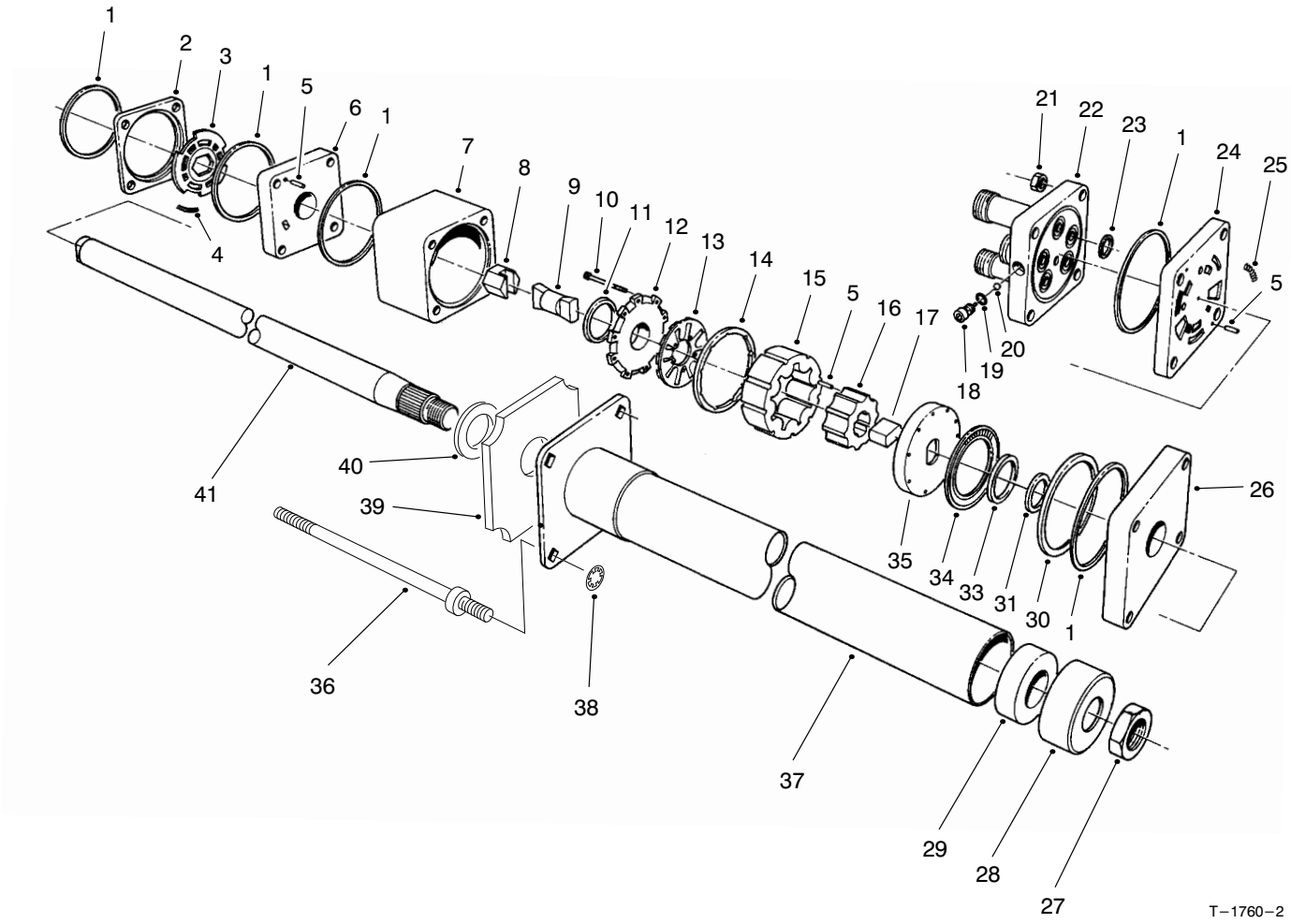
POWER STEERING & BRAKE PEDAL ASM

Ref. No.	Part No.	Description	No. Used
1	3256–23	Washer–Flat	4
2	3296–20	Nut–Lock	4
3	92–7308	Asm–Power Steering Valve (Incl. Ref. #7)	1
4	322–5	Screw–HH	2
5	3220–6	Nut–Hex.	1
6	75–0560	Asm–Steering Wheel (Incl. Ref. #7 & 41)	1
7	68–5140	Asm–Steering Wheel Cap (Incl. Ref. #41)	1
8	233–17	Knob	1
9	63–7910	Rod–Brake Latch	1
10	3296–29	Nut–Lock	2
12	95–1821	Spring	1
13	3272–5	Pin–Cotter	3
14	3256–26	Washer–Flat	1
15	63–7900	Rack–Brake	1
16	63–7730	Cable–Brake RH	1
*	63–7731	Cable–Brake LH	1
17	283–58	Pin–Clevis	4
18	3272–10	Pin–Cotter	5
19	63–6750	Link–Brake Cable	2
20	3–7243	Spring–Return	2
21	321–3	Screw–HH	1
22	63–6210	Pin–Brake	1
23	63–7880	Pin–Brake Latch	1

Ref. No.	Part No.	Description	No. Used
24	32121–50	Pin–Roll	1
25	3296–42	Nut–Lock	1
26	63–6180	Asm–Brake Pedal, LH (Incl. Ref. #27 & 30)	1
27	256–42	Bushing	4
28	7–3900	Foot Pad–Brake	2
29	63–6190	Asm–Brake Pedal, RH (Incl. Ref. #27 & 30)	1
30	302–5	Fitting–Grease	2
31	66–8140	Hose	1
32	66–8630	Tube–Hydraulic (Str.–Lift)	1
33	66–8620	Tube Hydraulic (Pump–Str.)	1
34	2412–36	Clamp	2
35	3256–22	Washer–Flat	3
36	237–30	O–Ring	2
37	66–8170	Hose–Hydraulic	2
38	237–22	O–Ring	2
39	21–9260	Cover–Dust	1
40	68–5370	Decal–Toro	1
41	32144–21	Screw–PPH	1
42	3256–23	Washer–Flat	2
43	84–7670	Foam–Column Support	2
44	84–7660	Clamp–Column	1
45	3256–69	Washer–Flat	AR
47	44–8530	Sock–Hose	1

* Not Illustrated

3321–565

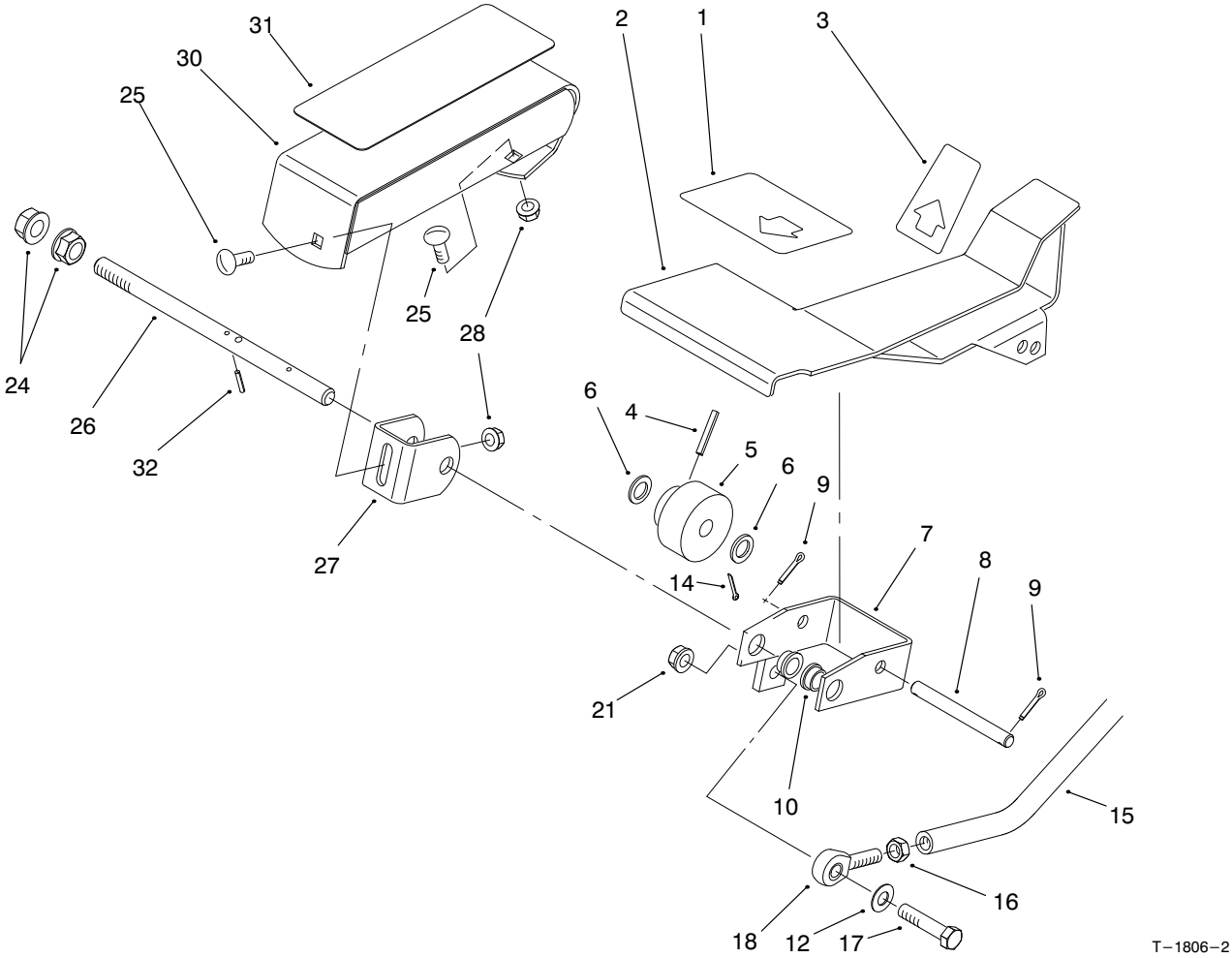


STEERING VALVE ASM NO. 92–7308

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

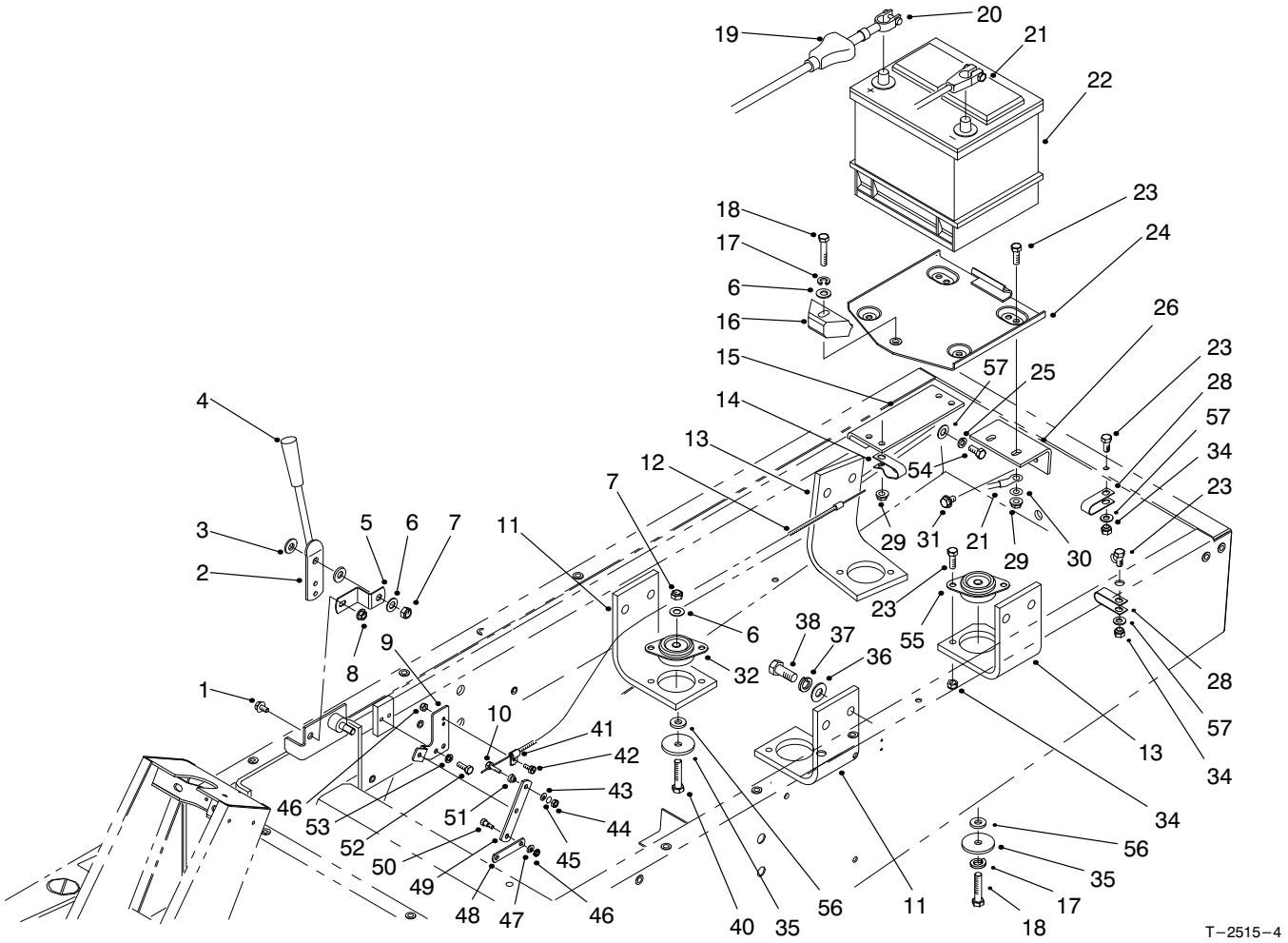
* Not Illustrated



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

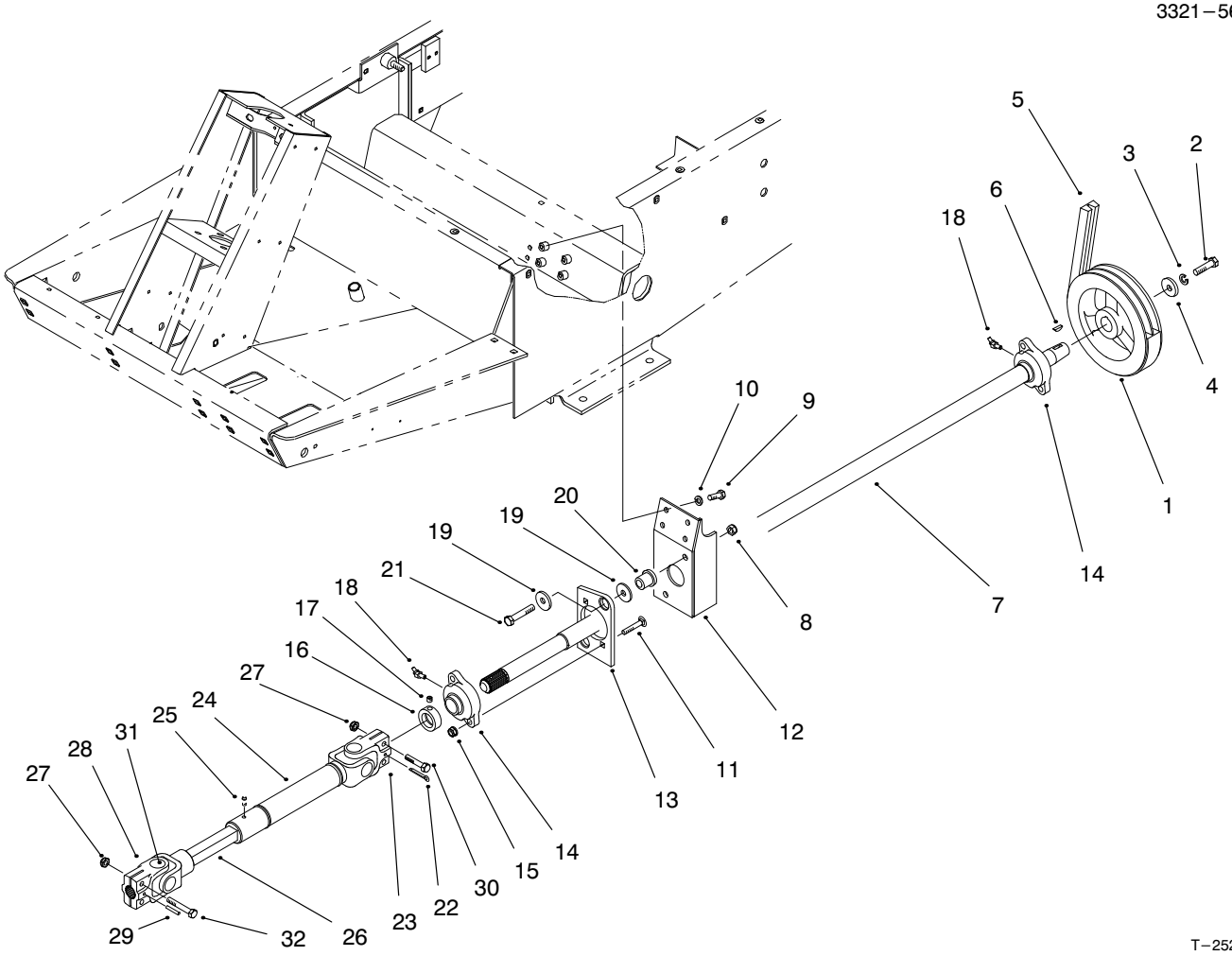


BATTERY & ENGINE MOUNT ASM

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



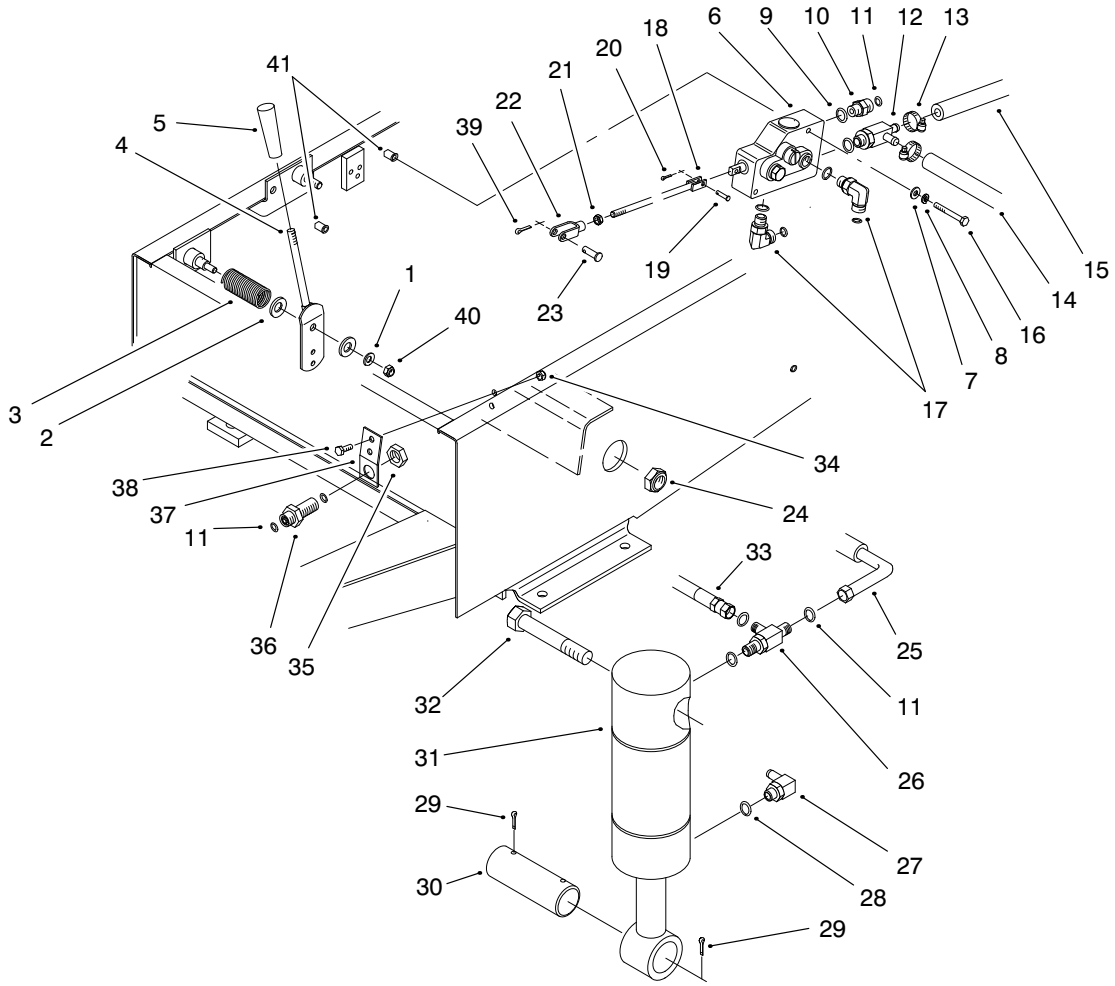
T–2522–3

POWER TAKE–OFF & SHAFT ASM

Ref. No.	Part No.	Description	No. Used
1	94–7422	Pulley–PTO	1
2	323–18	Screw–HH	1
3	3253–21	Washer–Lock	1
4	29–4730	Washer–PTO	1
5	63–6240	Belt–PTO	1
6	3257–5	Key–Woodruff	1
7	92–8855	Shaft–PTO	1
8	3296–39	Nut–Lock	2
9	322–5	Screw–HH	4
10	3253–4	Washer–Lock	4
11	3230–4	Bolt–CARR	2
12	92–8751	Bracket–PTO Bearing	1
13	84–7580	Plate–Bushing Support	1
14	92–8799	Asm–PTO Bearing, Shaft (Incl. Ref. #16, 17 & 18)	2
15	32149–1	Nut–Lock	2
16	251–77	Collar–Locking	2
17	3246–1	Screw–Set	2

Ref. No.	Part No.	Description	No. Used
18	302–40	Fitting–Grease	2
19	63–8410	Washer–Flat	4
20	63–9750	Mount	2
21	323–10	Screw–HH	2
22	3272–15	Pin–Cotter	1
23	54–9090	Yoke–End	1
24	54–9170	Tube–Slip Yoke	1
25	302–58	Fitting–Grease	1
26	54–9050	Shaft–Slip Yoke	1
27	3296–29	Nut–Lock	4
28	54–9040	Yoke–End	1
29	32121–34	Pin–Roll	1
30	322–9	Screw–HH	2
31	54–9180	Kit–Universal Joint	2
32	322–14	Screw–HH	2
*	54–7950	Asm–Drive Shaft (Incl. Ref. #23–26, 28 & 31)	1

* Not Illustrated



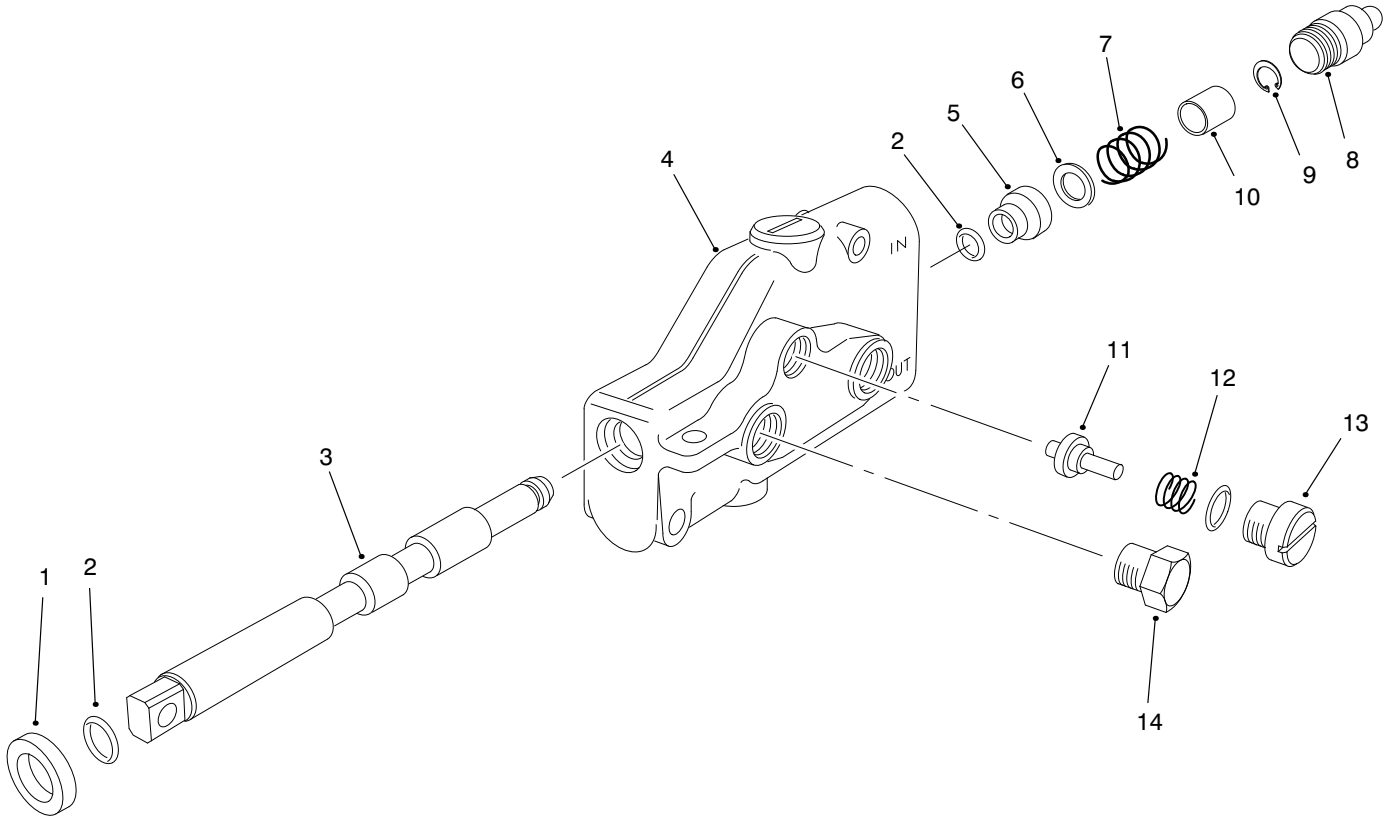
T−0531−5

HYDRAULIC LIFT SYSTEM ASM

Ref. No.	Part No.	Description	No. Used
1	3256−23	Washer−Flat	1
2	3256−26	Washer−Flat	2
3	70−7530	Spring−Compression	1
4	66−2720	Lever−Lift	1
5	233−39	Knob	1
6	63−7960	Valve−Lift	1
7	3256−22	Washer−Flat	2
8	3253−3	Washer−Lock	2
9	237−65	O−Ring	5
10	340−2	Fitting−Hydraulic Straight (Incl. Ref. #9 & 11)	1
11	237−22	O−Ring	7
12	66−3130	Fitting−Hydraulic Tee (Incl. Ref. #9)	1
13	2412−36	Clamp−Hose	2
14	66−8150	Hose−Hydraulic	1
15	66−8500	Hose	1
16	321−11	Screw−HH	2
17	340−77	Fitting−Hydraulic 90° (Incl. Ref. #9 & 11)	2
18	76−4830	Rod−Tie	1
19	283−16	Pin−Clevis	1
20	3272−5	Pin−Cotter	1
21	3220−2	Nut−Jam RH	1
22	282−27	Clevis	1
23	283−58	Pin−Clevis	1

Ref. No.	Part No.	Description	No. Used
24	3296−15	Nut−Lock	2
25	66−8190	Asm−Hydraulic Hose	1
26	340−86	Fitting−Hydraulic Tee (Incl. Ref. #9 & 11) (Used On Cap End Left Cylinder)	1
*	340−77	Fitting−Hydraulic 90° (Incl. Ref. #9 & 11) (Used On Cap End Right Cylinder)	1
27	304−99	Fitting−Hydraulic 90° (Incl. Ref. #28)	2
28	237−22	O−Ring	2
29	3272−23	Pin−Cotter	4
30	27−4240	Pin−Cylinder	2
31	63−6630	Cylinder−Lift	2
32	3216−3	Screw−HH	2
33	66−8640	Asm−Hydraulic Hose	1
34	3296−42	Nut−Lock	2
35	340−70	Nut−Fitting	1
36	340−71	Fitting−Hydraulic Bulkhead (Incl. Ref. #11 & 35)	1
37	63−7410	Bracket−Bulkhead	1
38	321−4	Screw−HH	2
39	3272−10	Pin−Cotter	1
40	3296−29	Nut−Lock	1
41	32148−11	Nut−Clinch	2

* Not Illustrated



T–0532–2

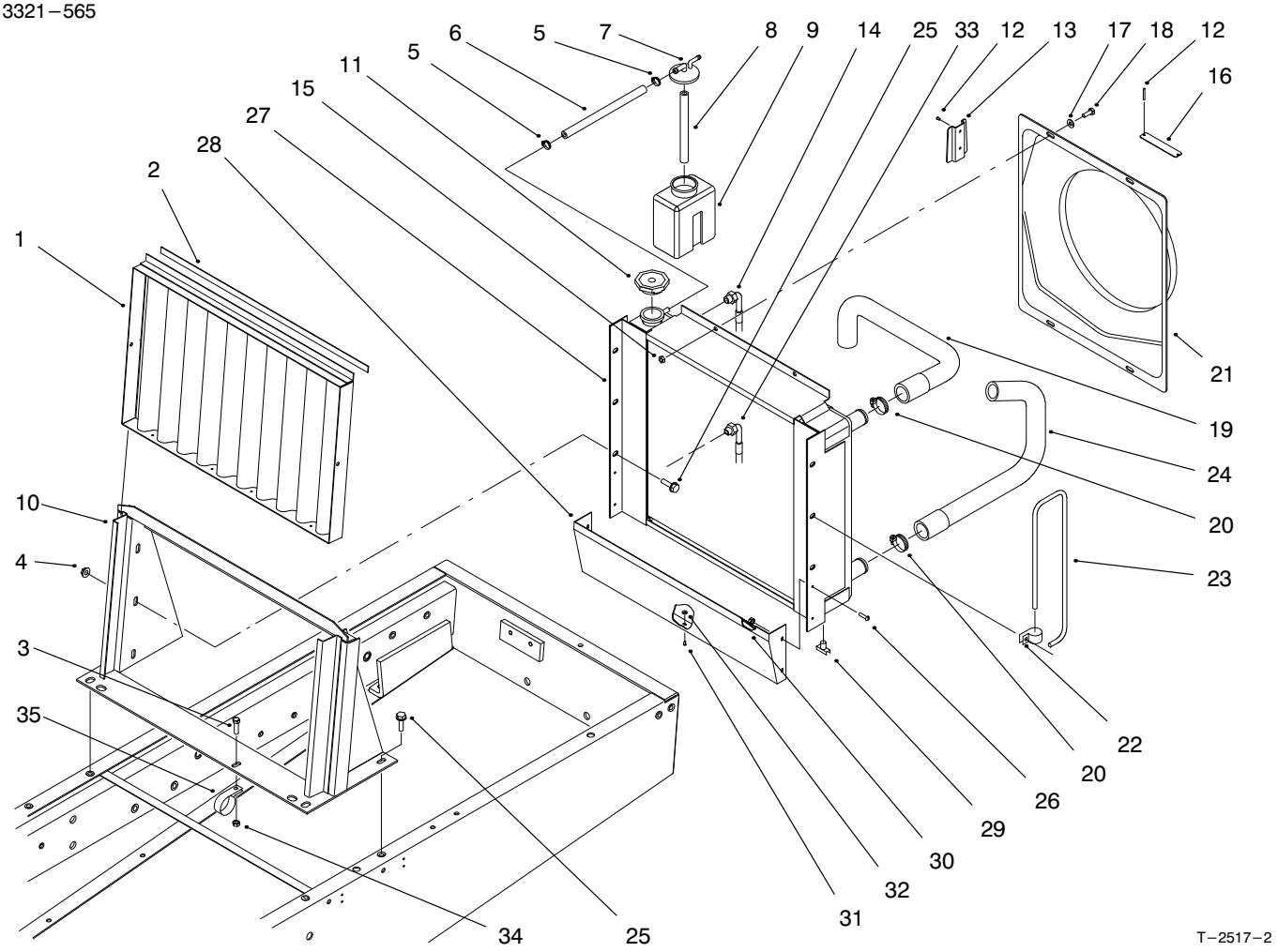
LIFT VALVE ASM NO. 63–7960

Ref. No.	Part No.	Description	No. Used
1	58–6320	Wiper–Seal	1
2	58–6450	O–Ring	2
3		Spool	1
4		Body	1
5	58–6400	Bushing	1
6	65–2770	Washer	1
7	65–2950	Spring	1
8	58–6420	Asm–Cap	1

Ref. No.	Part No.	Description	No. Used
9	58–6460	Ring–Retaining	1
10	65–2740	Spacer	1
11	65–2750	Plunger	1
12	65–2760	Spring	1
13	65–2930	Asm–Plug	1
14	353–508	Asm–Plug	1
*	63–7960	Asm–Lift Valve (Incl. Ref. #3 & 4)	1

* Not Illustrated

3321−565

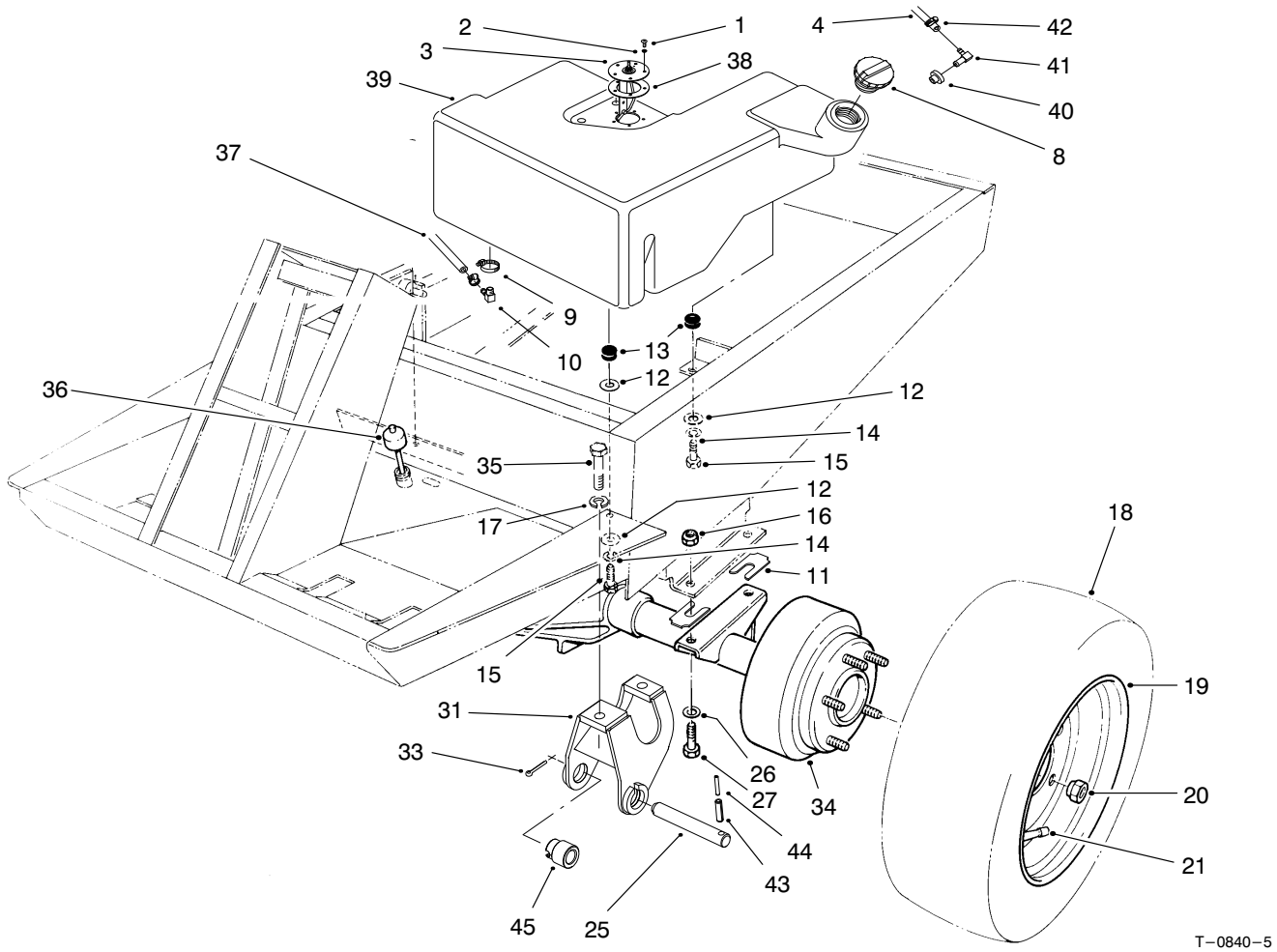


RADIATOR ASM

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

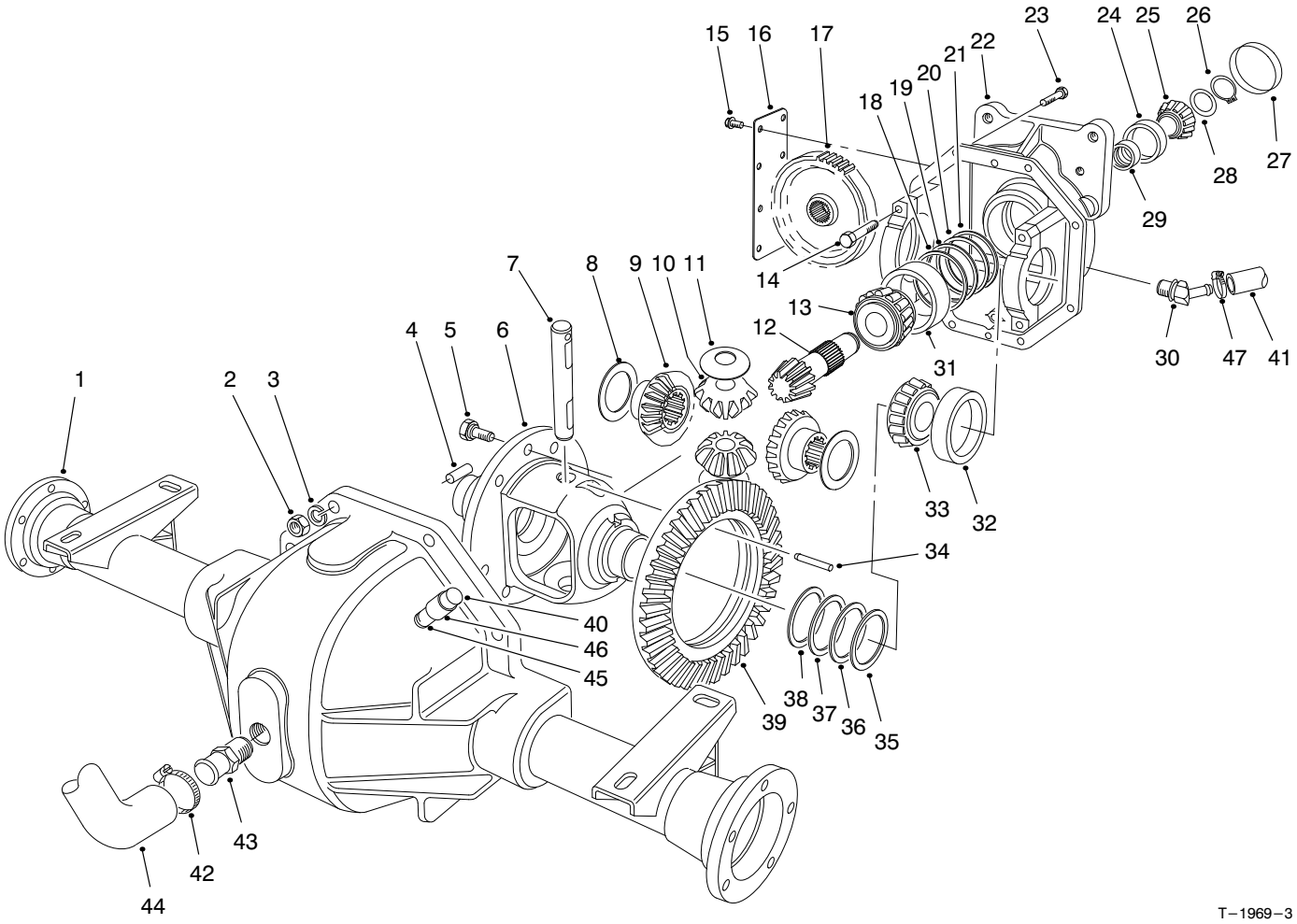


FUEL TANK AND AXLE ASM

Ref. No.	Part No.	Description	No. Used
1	32122−24	Screw−Machine	5
2	3253−15	Washer−Lock	5
3	63−7640	Sender−Fuel	1
4	94−1349	Hose	1
8	93−3101	Cap−Fuel	1
9	2412−36	Clamp	1
10	353−536	Fitting−90˚	1
11	42−6080	Shim−Axle	A/R
12	3256−67	Washer−Flat	3
13	237−136	Grommet	3
14	3253−3	Washer−Lock	3
15	321−5	Screw−HH	3
16	3296−48	Nut−Lock	4
17	3253−8	Washer−Lock	4
18	231−101	Tire	2
*	231−95	Tire−23” x 10.5” x 12” 4 Ply (Optional)	2
*	69−9880	Tire−23” x 10.5” x 12” 6 Ply (Optional)	2
19	217−117	Rim	2
*	217−116	Rim−23” x 10.5” x 12” (Optional)	2
20	23−7270	Nut−Lug	10
21	232−27	Valve Stem w/Cap	2

Ref. No.	Part No.	Description	No. Used
25	98−2348	Asm−Pivot Pin (Incl. Ref. #43 & 44)	2
26	3256−25	Washer−Flat	4
27	324−5	Screw−HH	4
31	98−2328	Carrier Bracket	2
33	3272−17	Pin−Cotter	2
34	86−9640	Asm−Axle	1
35	3273−38	Screw−HSH	4
36	66−3060	Dipstick−Differential	1
37	63−7627	Hose−Fuel	1
38	62−7650	Gasket	1
39	98−5002	Tank−Fuel	1
40	46−6560	Bushing	1
41	94−6765	Connector−90˚	1
42	2412−108	Clamp	3
43	32121−49	Pin−Spring	2
44	32121−71	Pin−Spring	2
45	98−7926	Spacer−Lift Arm	4
*	62−7020	Asm−Wheel & Tire (23” x10.5” x 12” 4 Ply) (Optional)	2
*	69−9870	Asm−Wheel & Tire (23” x 10.5” x 12” 6 Ply) (Optional)	2

* Not Illustrated

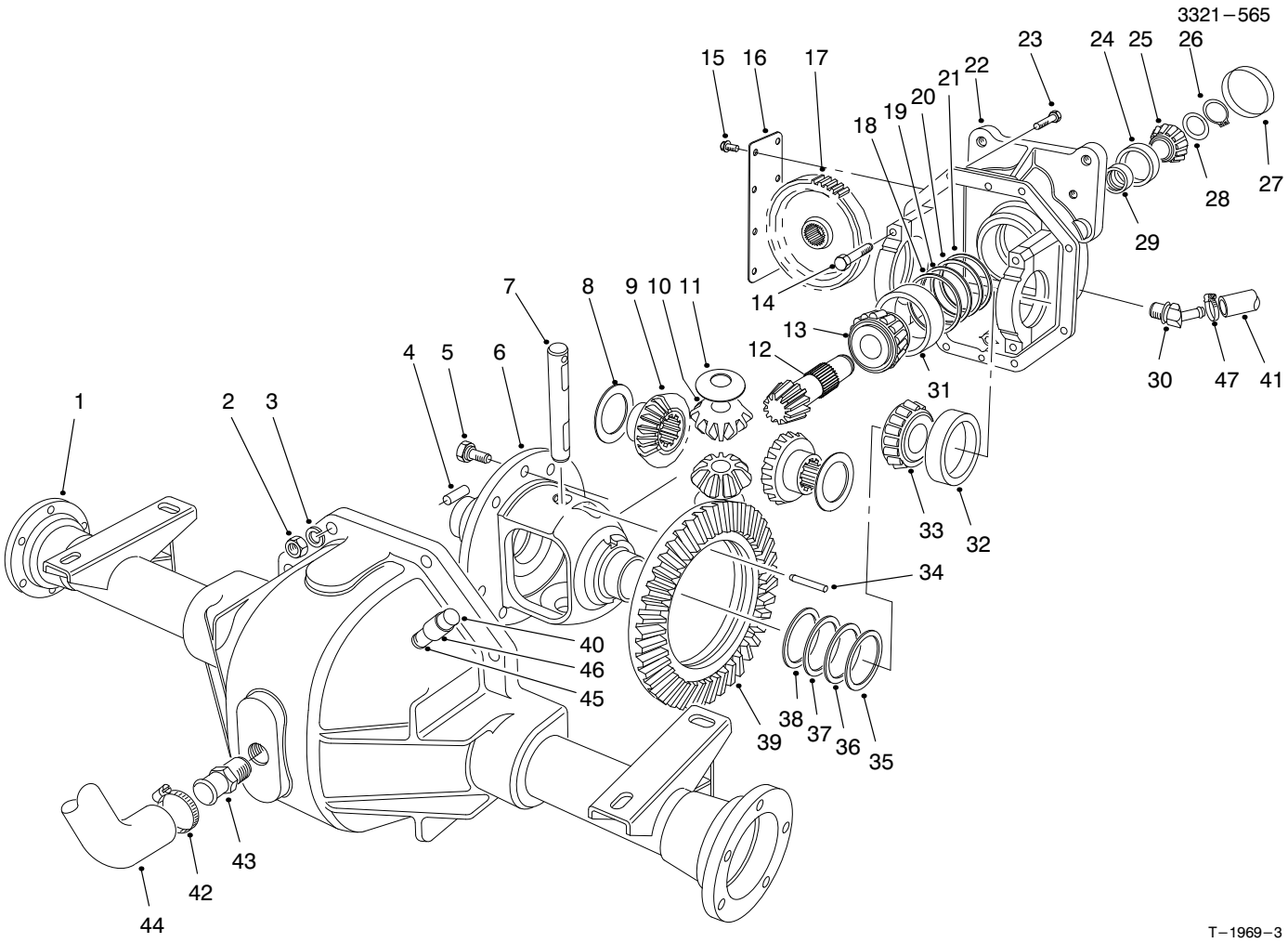


T−1969−3

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
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

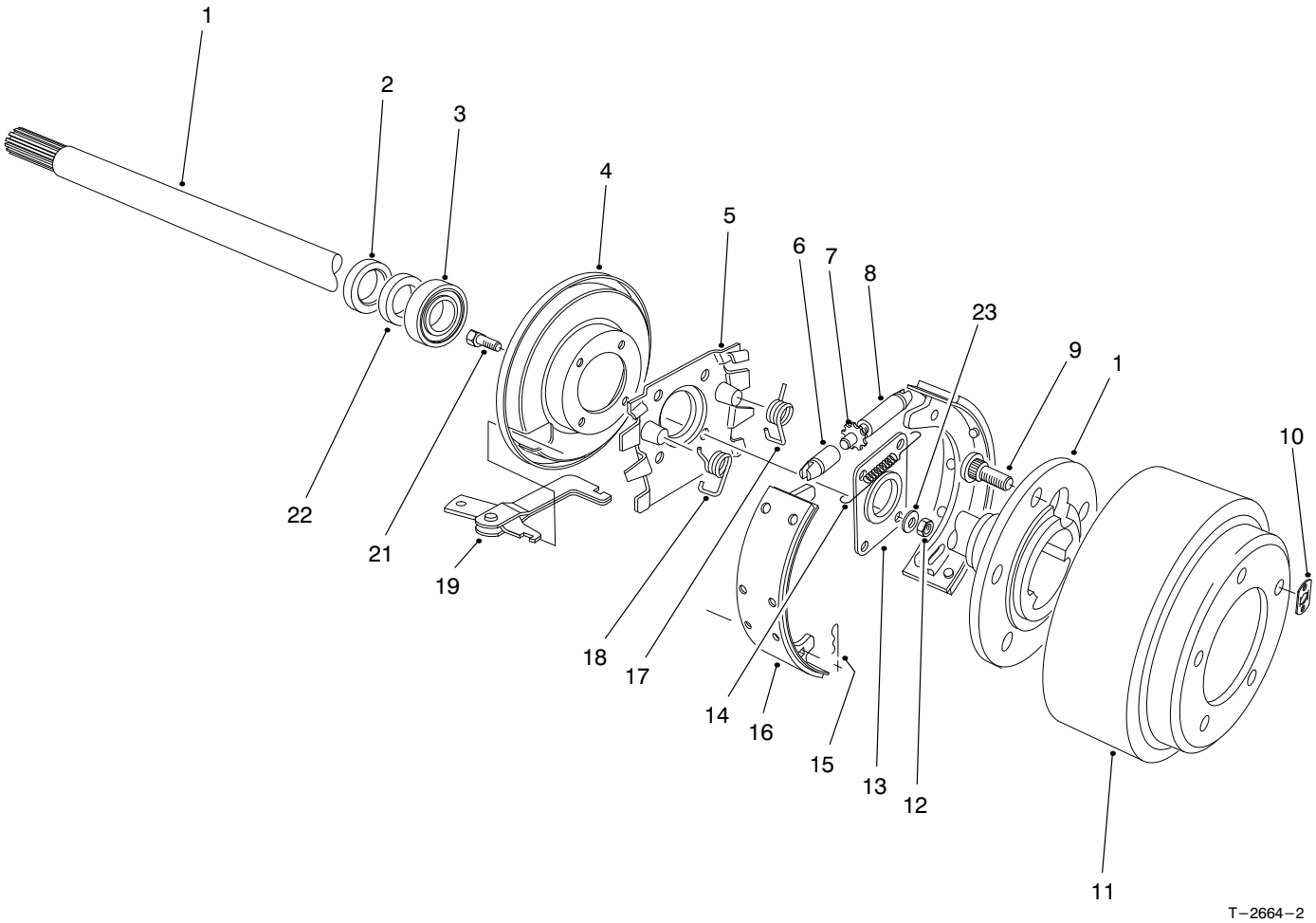
* Not Illustrated



DIFFERENTIAL ASM (Continued)

Ref. No.	Part No.	Description	No. Used
*28	46−2225	Shim Front Pinion Bearing (.055)	A/R
*	46−2226	Shim Front Pinion Bearing (.057)	A/R
*	46−2410	Shim Front Pinion Bearing (.062)	A/R
	46−2411	Shim Front Pinion Bearing (.064)	A/R
*	46−2412	Shim Front Pinion Bearing (.066)	A/R
*	46−2413	Shim Front Pinion Bearing (.068)	A/R
*	46−2414	Shim Front Pinion Bearing (.070)	A/R
*	46−2415	Shim Front Pinion Bearing (.072)	A/R
*	46−2416	Shim Front Pinion Bearing (.074)	A/R
*	46−2420	Shim Front Pinion Bearing (.076)	A/R
	46−2421	Shim Front Pinion Bearing (.078)	A/R
*	46−2422	Shim Front Pinion Bearing (.080)	A/R
*	46−2423	Shim Front Pinion Bearing (.082)	A/R
*	46−2424	Shim Front Pinion Bearing (.084)	A/R

Ref. No.	Part No.	Description	No. Used
*28	46−2425	Shim Front Pinion Bearing (.086)	A/R
*	46−2426	Shim Front Pinion Bearing (.088)	A/R
29	21−8020	Spacer−Frt. Pinion Bearing	1
30	92−5088	Fitting−45°	1
31	43−6750	Cup−Tapered, Bearing	1
32	254−66	Cup−Tapered, Bearing	2
33	254−65	Cone−Tapered, Bearing	2
34	32121−15	Pin−Roll	1
35	21−8090	Diff. Adjust. Shim. .003	A/R
36	21−8100	Diff. Adjust. Shim. .005	A/R
37	21−8110	Diff. Adjust. Shim. .010	A/R
38	21−8120	Diff. Adjust. Shim. .030	A/R
39		Gear−Ring	1
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

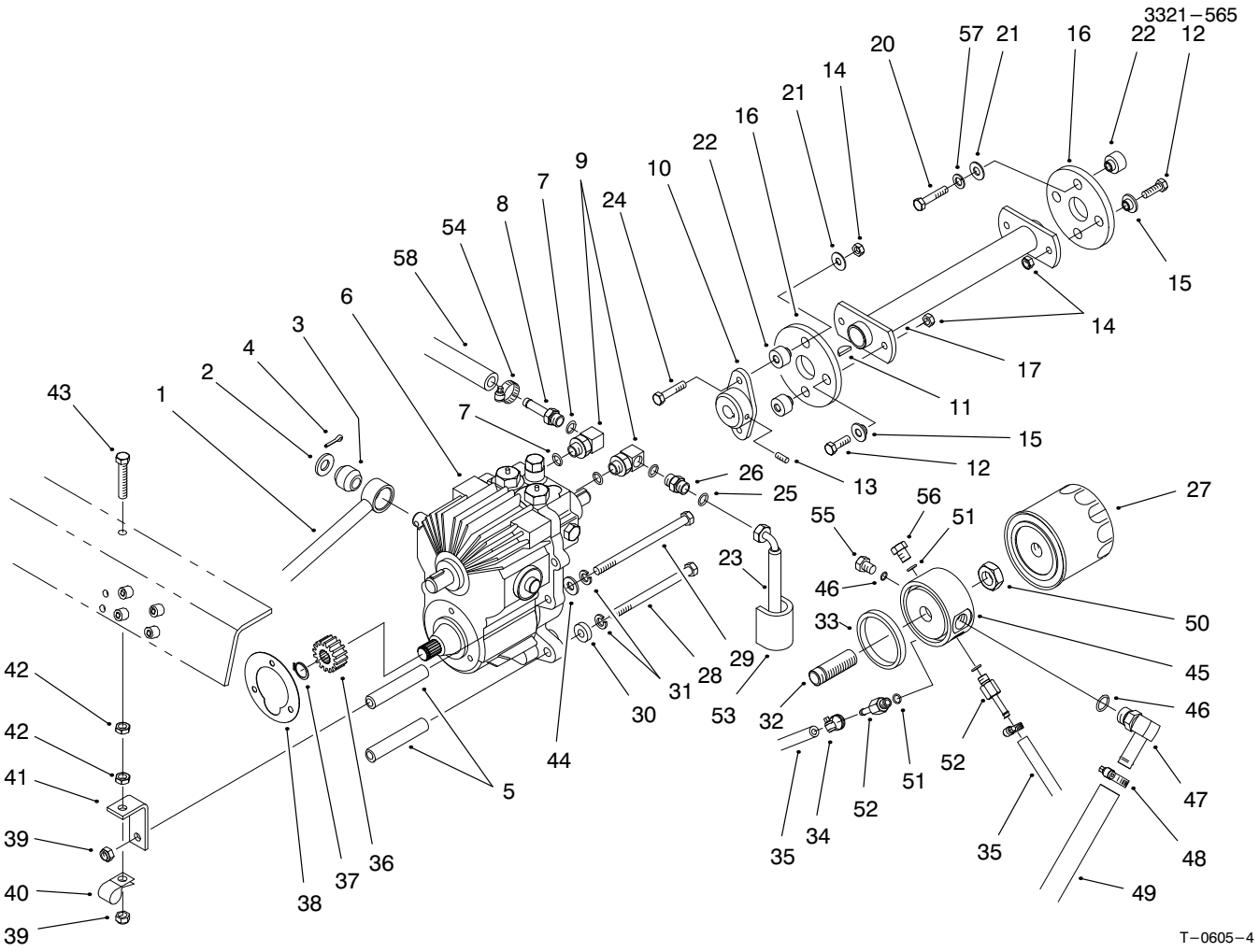


BRAKE ASM

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

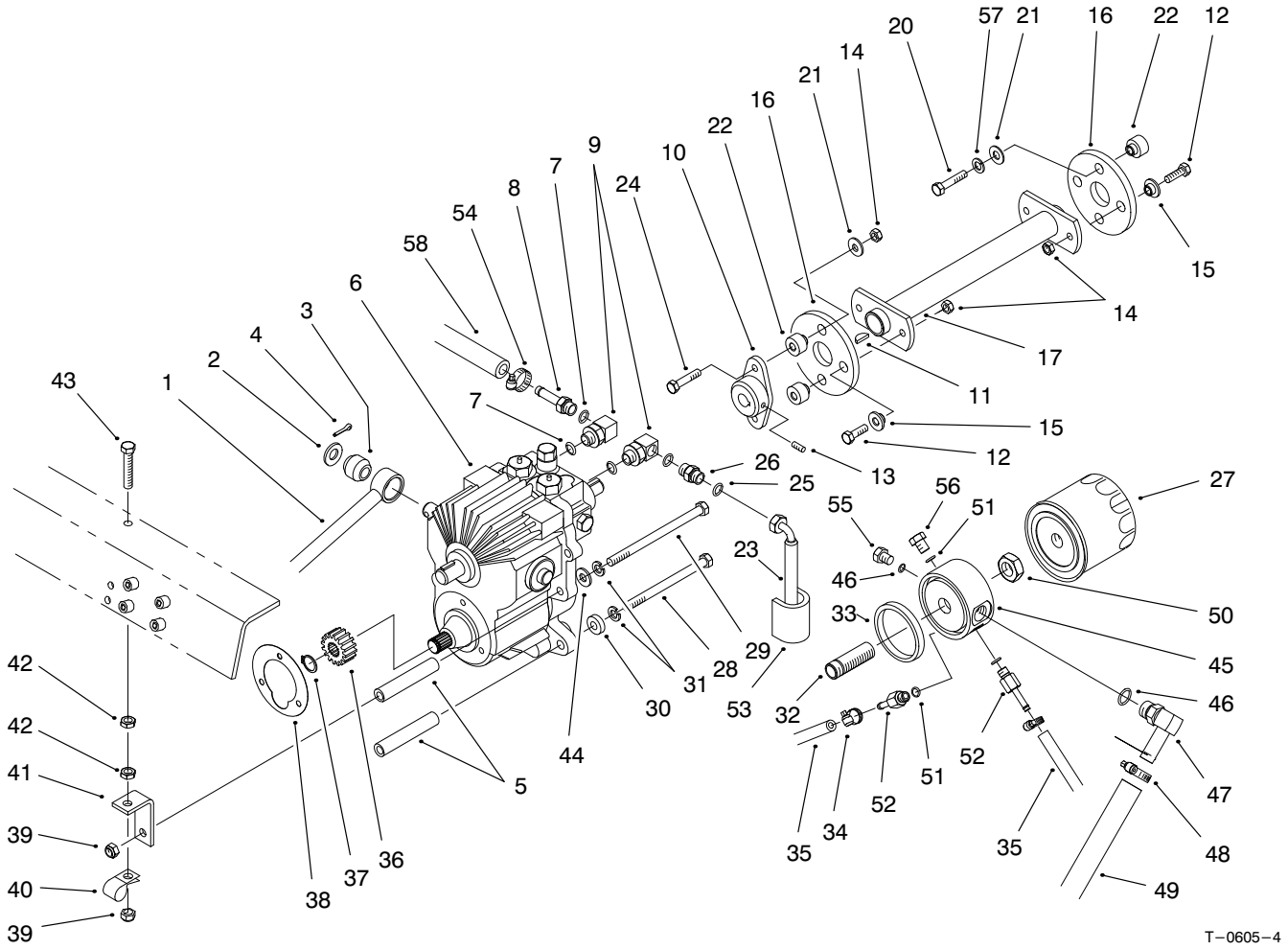
* Not Illustrated



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

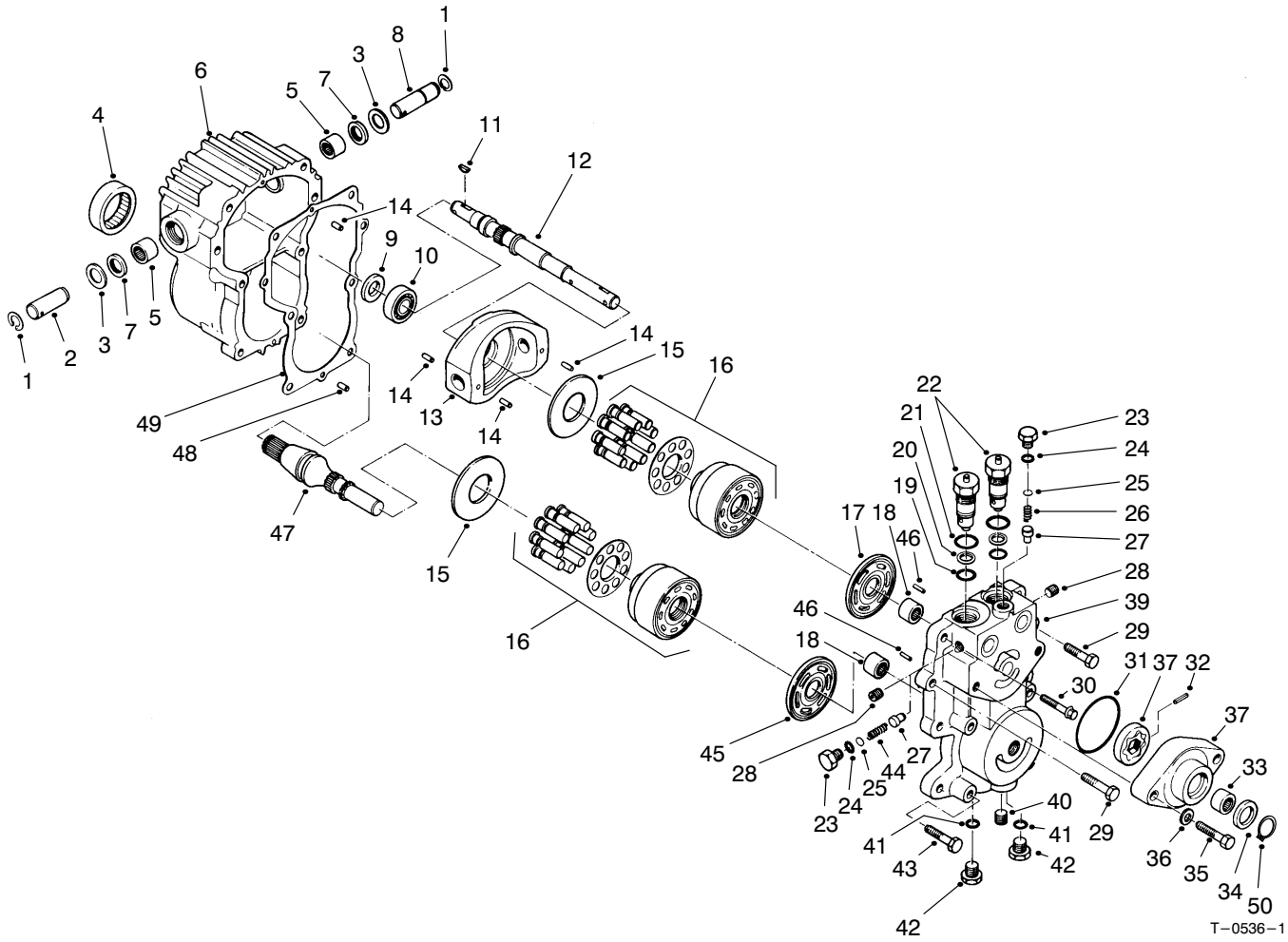
Ref. No.	Part No.	Description	No. Used
28	323–39	Screw–HH	3
29	27–9620	Screw–HH	1
30	5–0652	Spacer	1
31	3253–21	Washer–Lock	4
32	92–5085	Union Filter	1
33	92–5087	Seal–Adapter, Filter	1
34	2412–108	Hose Clamp	4
35	92–5082	Hose	2
36	86–7220	Gear–Spur	1
37	32120–72	Ring–Retaining	1
38	27–3690	Gasket–Transmission	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



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



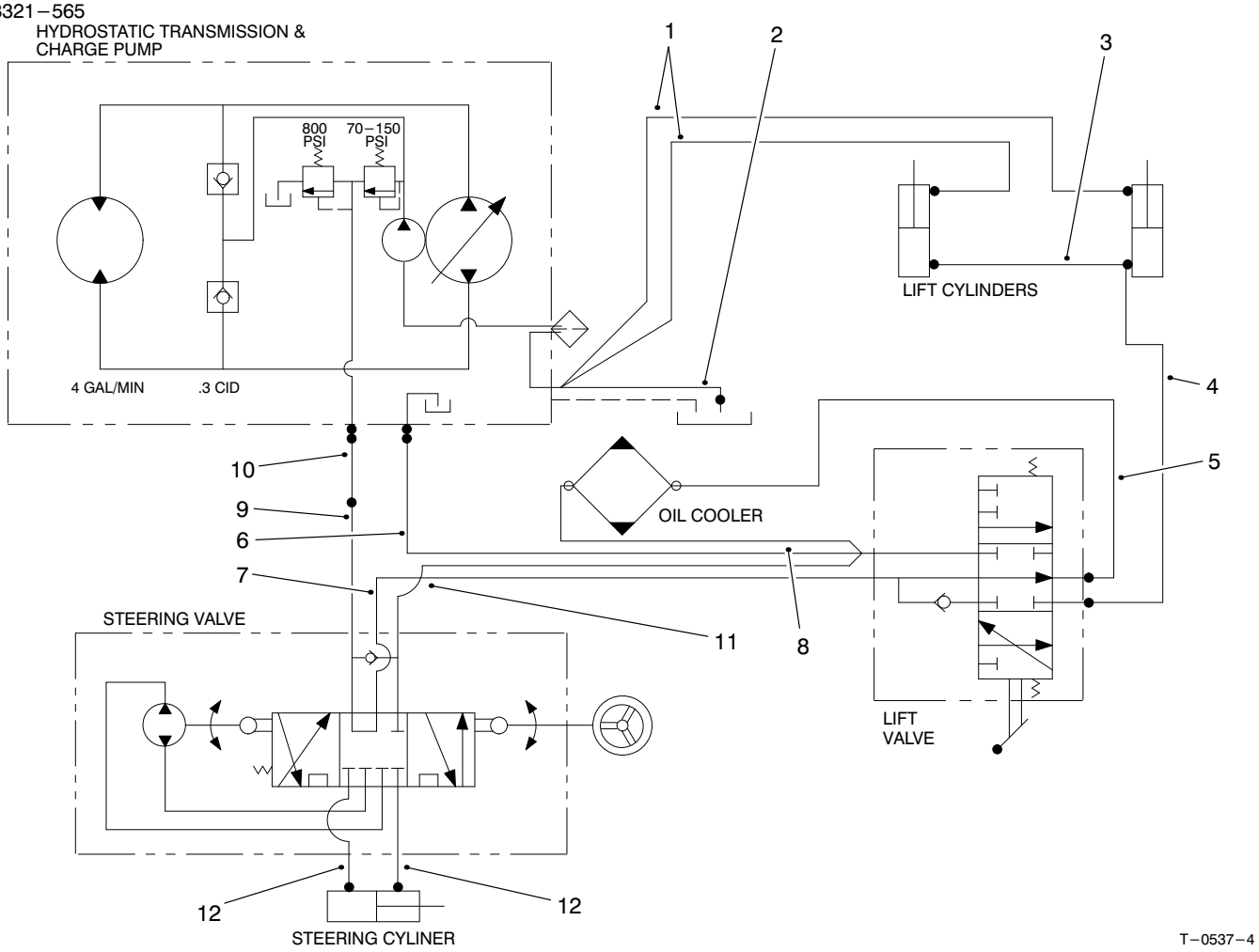
TRANSMISSION ASM NO. 92–5513

Ref. No.	Part No.	Description	No. Used
1	32151–46	Ring–Retaining	2
2	25–2500	Shaft–Trunnion	1
3	25–2510	Washer	2
4	28–3300	Bearing–Roller	1
5	28–3310	Bearing–Needle	2
6	92–5709	Housing	1
7	25–3210	Lip Seal	2
8	28–3670	Shaft–Trunnion	1
9	93–4133	Lip Seal	1
10	28–3650	Bearing–Ball	1
11	3257–5	Key–Woodruff	2
12	28–3640	Shaft–Pump	1
13	49–7820	Variable Swashplate	1
14	32121–91	Pin	3
15	25–2380	Plate–Thrust	2
16	48–1800	Kit–Cylinder Block	2
17	46–7320	Plate–Pump Valve	1
18	25–3300	Bearing–Needle	2
19	28–3590	O–Ring	2
20	28–3580	Ring–Backup	2
21	28–3570	O–Ring	2
22	49–7830	Asm–Check Valve (Incl. Ref. #19–21)	2
23	25–2460	Hex Hd. Plug	2
24	28–3400	O–Ring	2
25	25–2470	Shim Pack	A/R
26	46–7310	Relief Valve Spring Imp.	1

Ref. No.	Part No.	Description	No. Used
27	28–3420	Relief Valve Cone Chg.	2
28	285–17	Plug–Pipe	4
29	323–8	Screw–HH	2
30	28–3530	Screw–HH	2
31	28–3520	O–Ring	1
32	38–2680	Pin	1
33	28–3480	Bearing–Needle	1
†34	28–3470	Lip Seal	1
‡34	94–2975	Shaft–Seal	1
35	324–23	Screw–HH	2
36	28–3450	Washer–Flat	2
37	38–2670	Kit–Charge Pump (Incl. Ref. #31–34 & 50)	1
39	92–5716	Center Section	1
40	92–5717	Plug–Pipe	1
41		O–Ring	2
42	28–3440	Threaded Plug (Incl. Ref. #41)	2
43	323–10	Screw–HH	4
44	25–2480	Relief Valve Spring Chg.	1
45	28–3380	Plate–Motor Valve	1
46	25–2430	Pin	2
47	49–8200	Shaft–Motor	1
48	28–3350	Pin	2
49	28–3340	Gasket	1
‡50	94–2976	Ring–Retaining	1

† Used on tranmission serial no. 94–39999 and before.
‡ Used on tranmission serial no. 94–40000 and after.

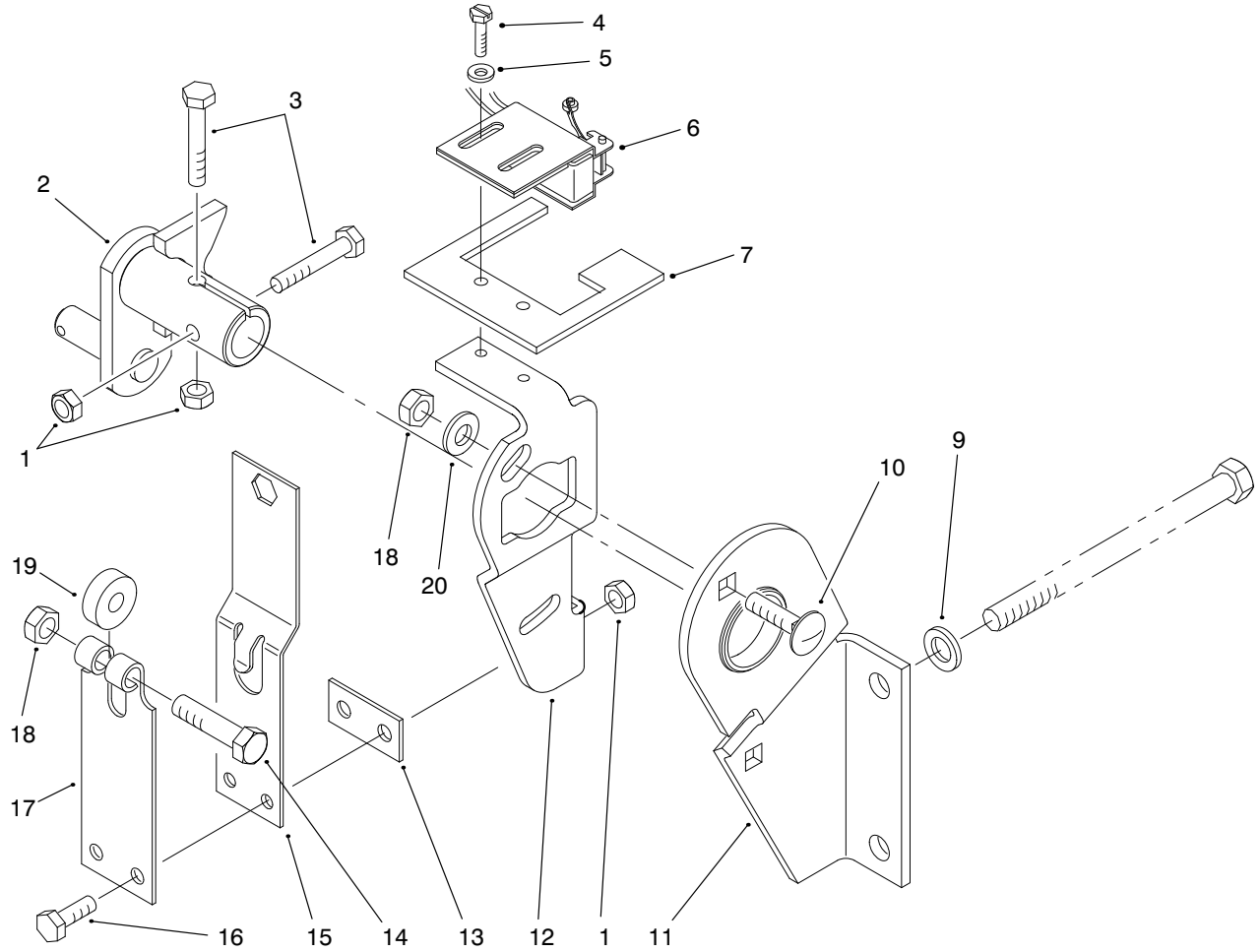
3321−565



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

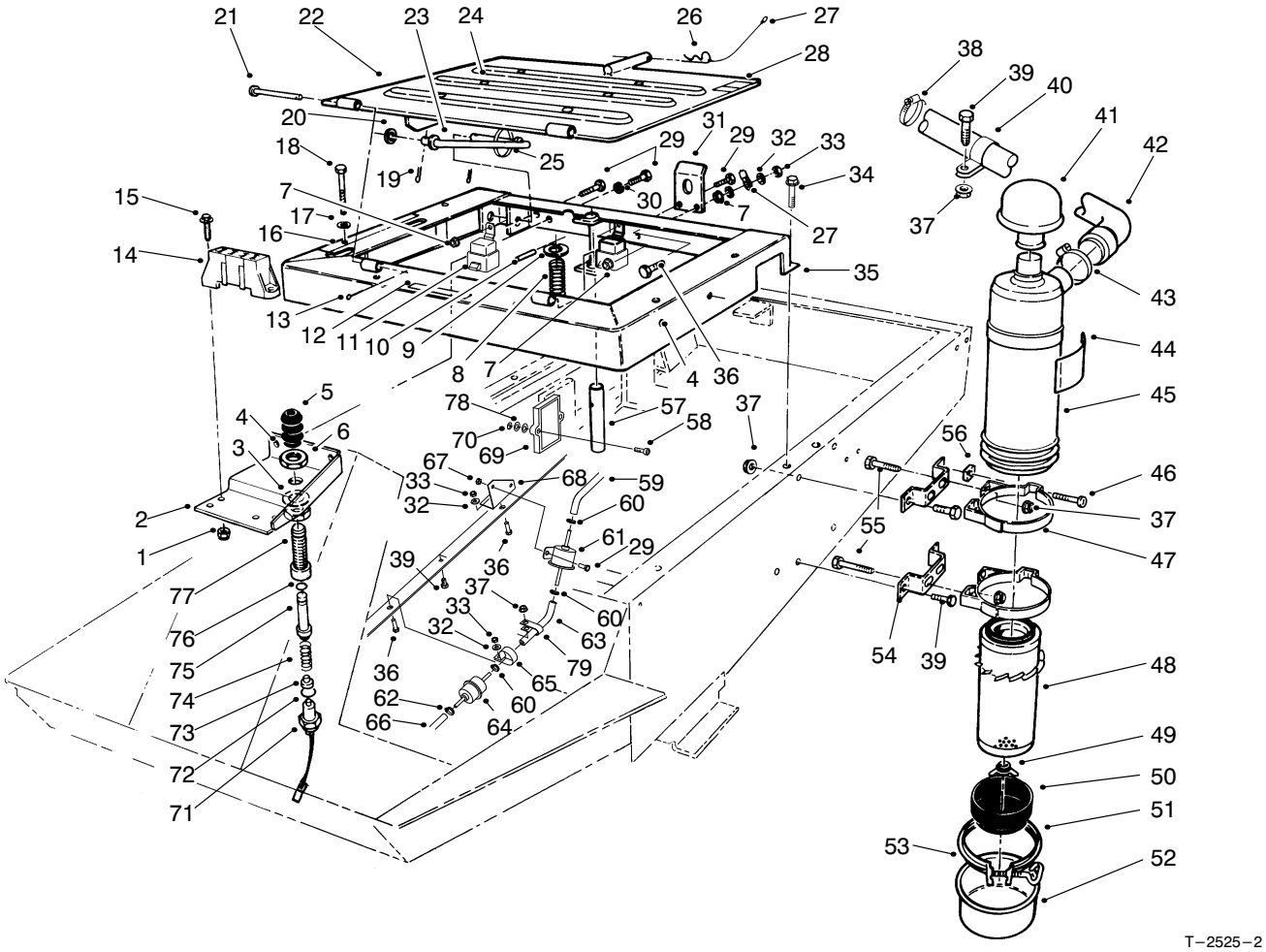


T–2523–1

TRANSMISSION INTERLOCK ASM

Ref. No.	Part No.	Description	No. Used
1	3296–42	Nut–Lock	4
2	29–9790	Pump–Lever	1
3	321–9	Screw–HH	2
4	32105–8	Screw–Slotted HH	2
5	3256–51	Washer–Flat	2
6	94–1754	Switch–Bracket, Roller	1
7	95–1552	Stop–Leaf Spring	1
9	3253–21	Washer–Lock	2
10	3230–2	CARR–Bolt	2
11	52–8890	Bracket–Mounting	1
12	95–1551	Plate–Pump	1

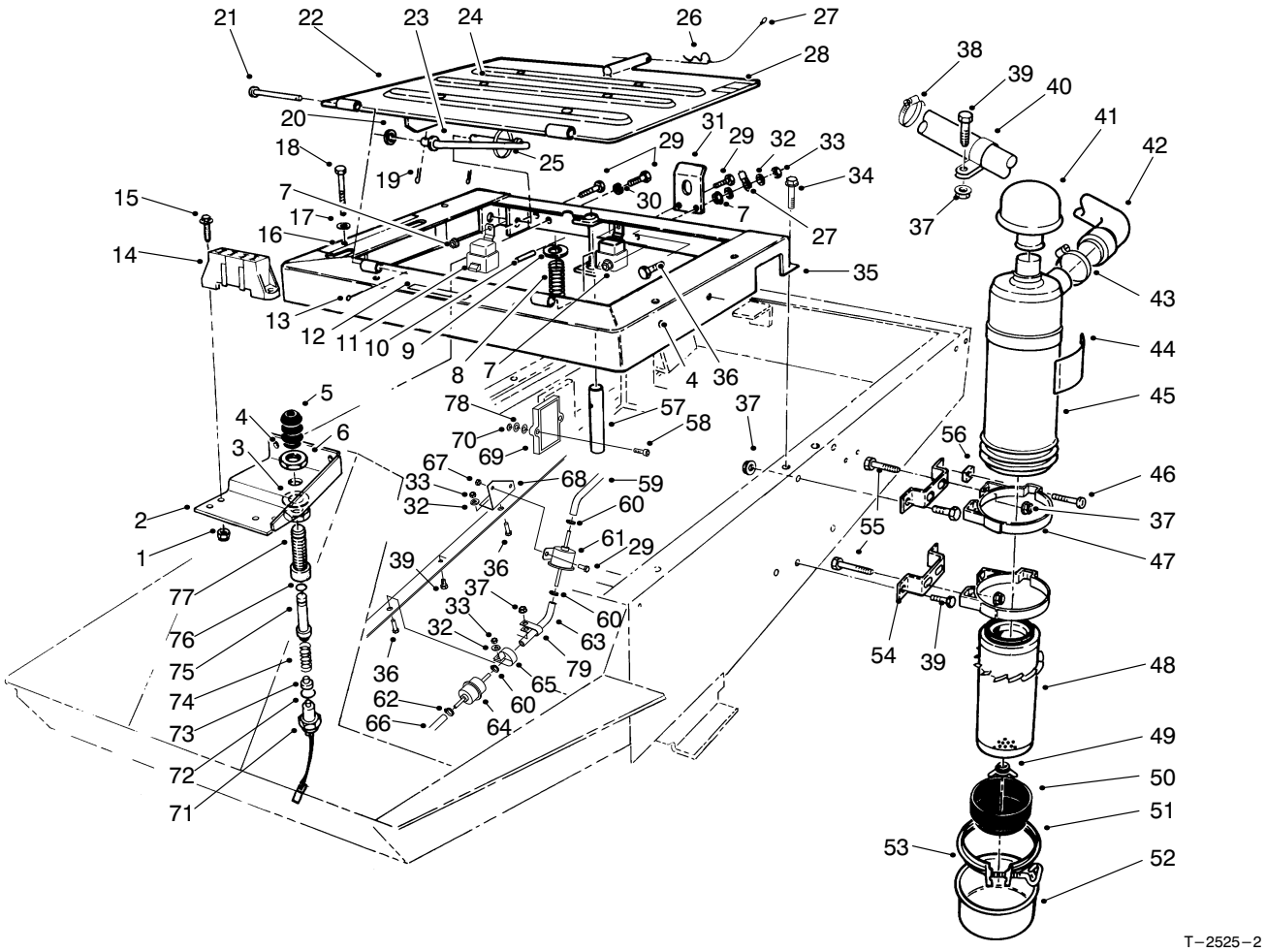
Ref. No.	Part No.	Description	No. Used
13	51–3150	Shim	1
14	322–17	Screw–HH	1
15	29–6140	Spring–Extended Leaf	1
16	321–4	Screw–HH	2
17	29–6150	Spring–Leaf	1
18	3296–29	Nut–Lock	3
19	251–259	Bearing–Ball	1
20	3256–23	Washer–Flat	2



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

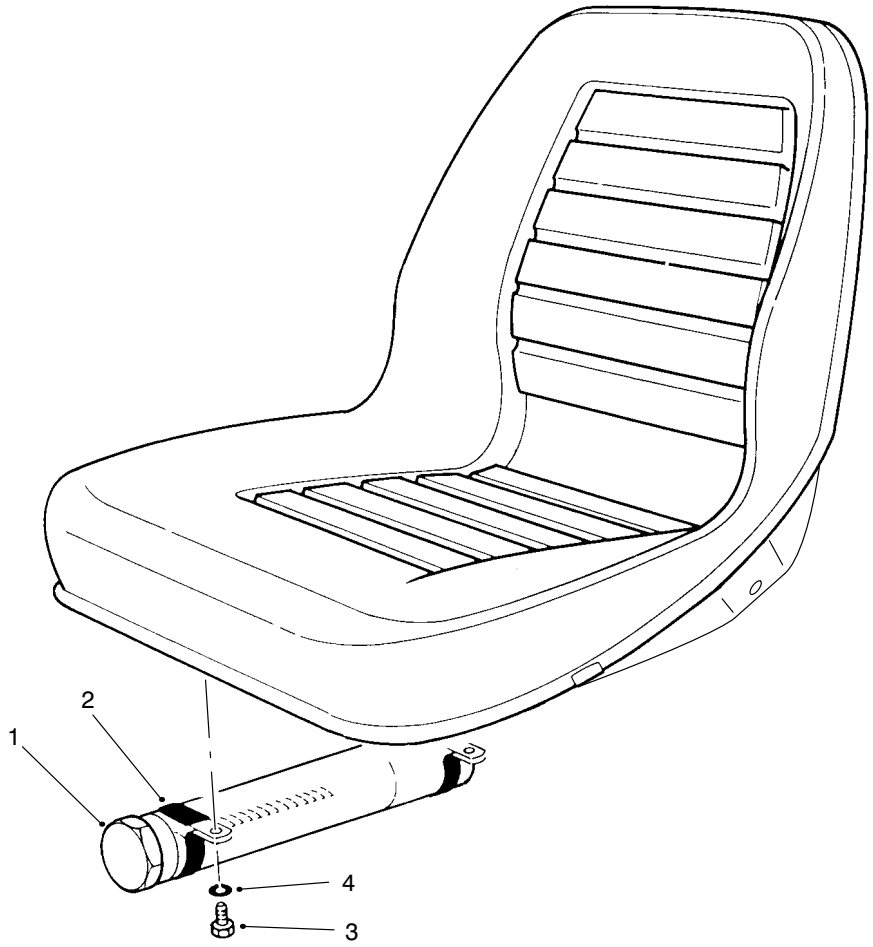


SEAT FRAME & AIR CLEANER ASM (Continued)

Ref. No.	Part No.	Description	No. Used
52	27−7150	Asm−Cup	1
53	80−3330	Gasket	1
54	66−2451	Bracket−Air Cleaner	2
55	322−3	Screw−HH	4
56	32107−11	Nut−Square	2
57	66−2590	Pin−Seat Spring	1
58	3274−8	Screw−Socket Head	2
59	94−7420	Hose	1
60	2412−98	Clamp−Hose	4
†61		Pump−Fuel	1
62	2412−108	Clamp−Hose	1
63	95−6269	Hose−Fuel	1
64	95−2926	Filter−Fuel	1
65	2412−147	R−Clamp	1
66	63−7627	Hose	1

Ref. No.	Part No.	Description	No. Used
67	32128−14	Nut−Hex. Flange	2
68	95−0655	Bracket−Pump, Fuel	1
69		Box−Electronic	1
70	32148−11	Nut−Clinch	2
71	72−4320	Switch	1
72	237−30	O−Ring	1
73	43−8610	Guide−Spring & Ball Seat	1
74	43−8600	Spring−Compression	1
75	43−8860	Plunger−Switch	1
76	237−7	O−Ring	1
77	43−8620	Guide−Switch Pin	1
78	3256−60	Washer−Flat	4
79	94−6821	Clamp−Wire	1
*	43−9071	Asm−Seat Switch (Incl. Ref. #5−6 & 71−77)	1

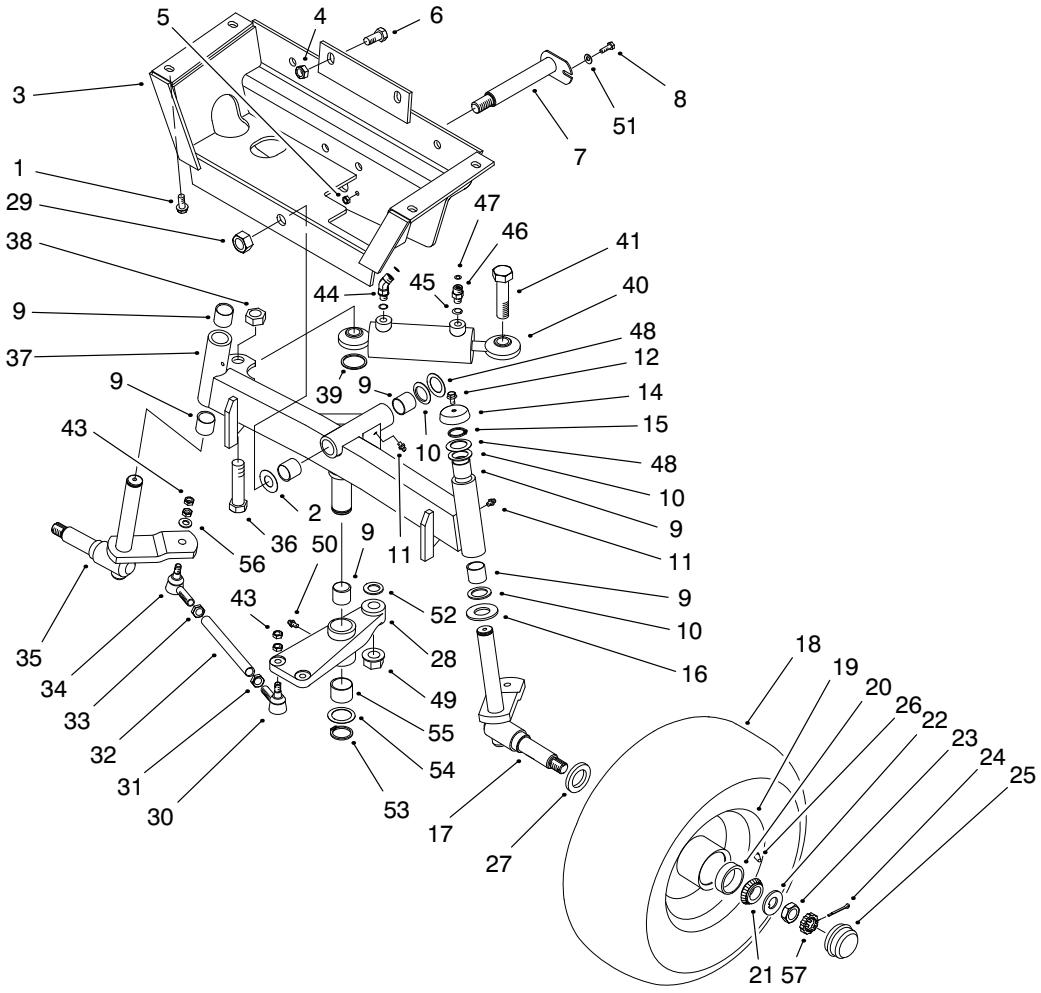
* Not Illustrated
† Obtain from Briggs & Stratton



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
3	322−5	Screw−HH	2
4	3256−23	Nut−Lock	2

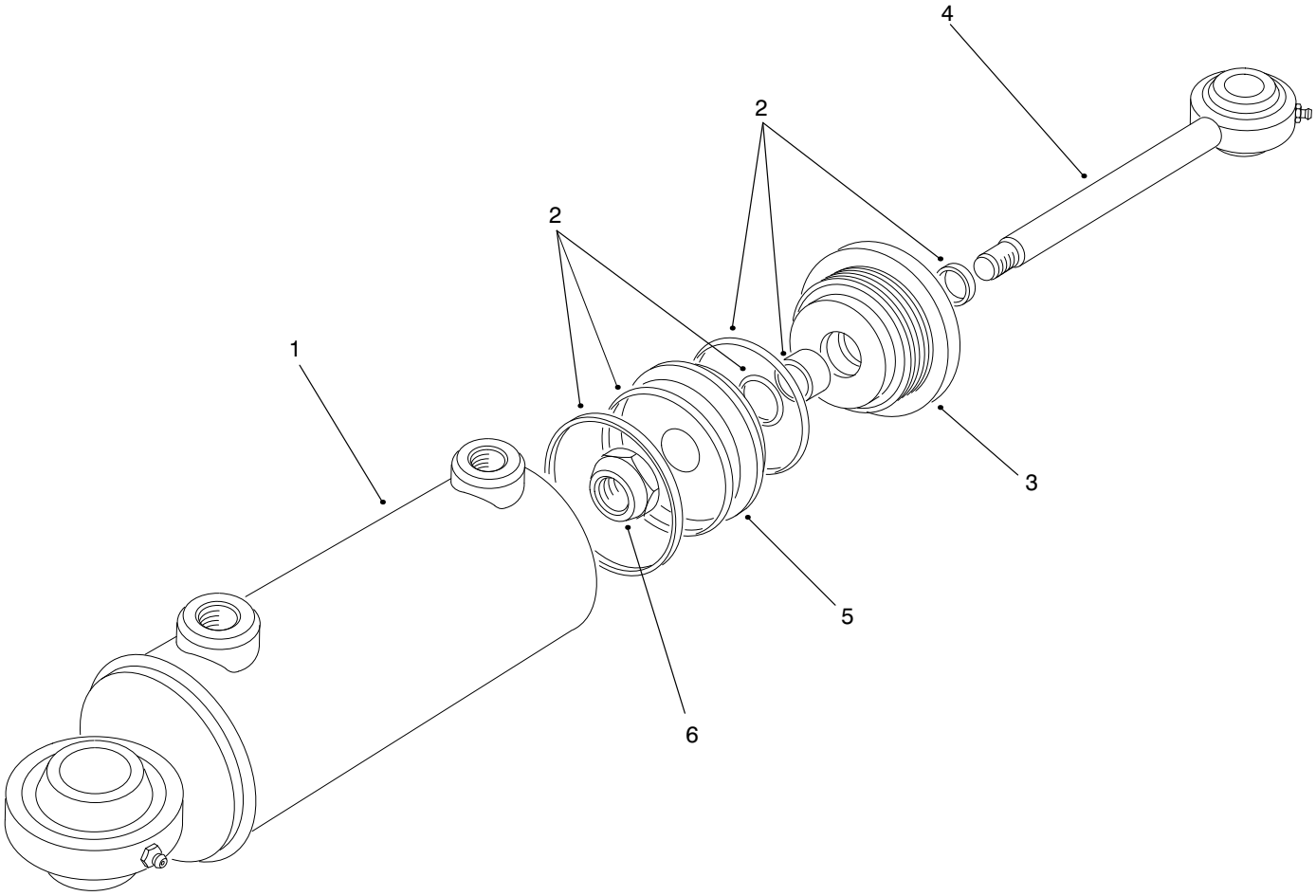


T–0540–3

REAR AXLE ASM

Ref. No.	Part No.	Description	No. Used
1	3234–25	Screw–Flange	4
2	71–4540	Washer–Thrust	1
3	63–6430	Frame–Rear	1
4	3296–25	Nut–Lock	2
5	3296–42	Nut–Lock	1
6	325–5	Screw–HH	2
7	63–6770	Pin–Rear Axle	1
8	321–4	Screw–HH	1
9	67–1750	Bushing	6
10	10–8110	Washer	5
11	302–5	Fitting–Grease	3
12	3234–13	Screw–HFH	2
14	66–2990	Cap–Spindle	2
15	32151–36	Ring–Retaining	2
16	256–121	Washer–Thrust	2
17	93–3195	Spindle–Wheel LH	1
18	231–105	Tire	2
19	217–118	Rim	2
20	254–72	Cup–Bearing	4
21	254–94	Cone–Bearing	4
22	93–0309	Washer–Tab	2
23	3220–7	Nut–Jam	2
24	3272–13	Pin–Cotter	2
25	241–119	Cap–Hub	2
26	232–35	Stem–Valve	2
27	253–129	Seal–Hub	2
28	76–4810	Pivot–Steering	1
29	3296–51	Nut–Lock	1
30	21–0151	Joint–Ball LH	2

Ref. No.	Part No.	Description	No. Used
31	3220–12	Nut–Jam LH	2
32	63–6880	Rod–Tie	2
33	3220–5	Nut–Jam RH	2
34	21–0141	Joint–Ball RH	2
35	93–3196	Spindle–Wheel RH	1
36	67–7300	Screw Hex Hd.	1
37	76–3000	Asm–Axle (Incl. Ref. #9 & 11)	1
38	32153–6	Nut–Hex Lock	1
39	67–7250	Spacer Cyl.	1
40	76–2070	Cylinder–Steering	1
41	328–25	Screw–HH	1
43	3220–3	Nut–Jam	8
44	340–103	Fitting–Hydraulic 45° (Incl. Ref. #45 & 47)	1
45	237–78	O–Ring	2
46	340–92	Fitting–Straight	1
47	237–21	O–Ring	2
48	56–2460	Washer–Flat	A/R
49	32128–45	Nut–Lock, Flange	1
50	302–5	Fitting–Grease	1
51	3256–22	Washer–Flat	1
52	67–9410	Washer–Flat	1
53	32151–77	Ring–Retaining	1
54	76–2980	Washer–Thrust	1
55	76–2970	Bushing	2
56	3256–24	Washer–Flat	2
57	93–0307	Nut–Lock, Retainer	2

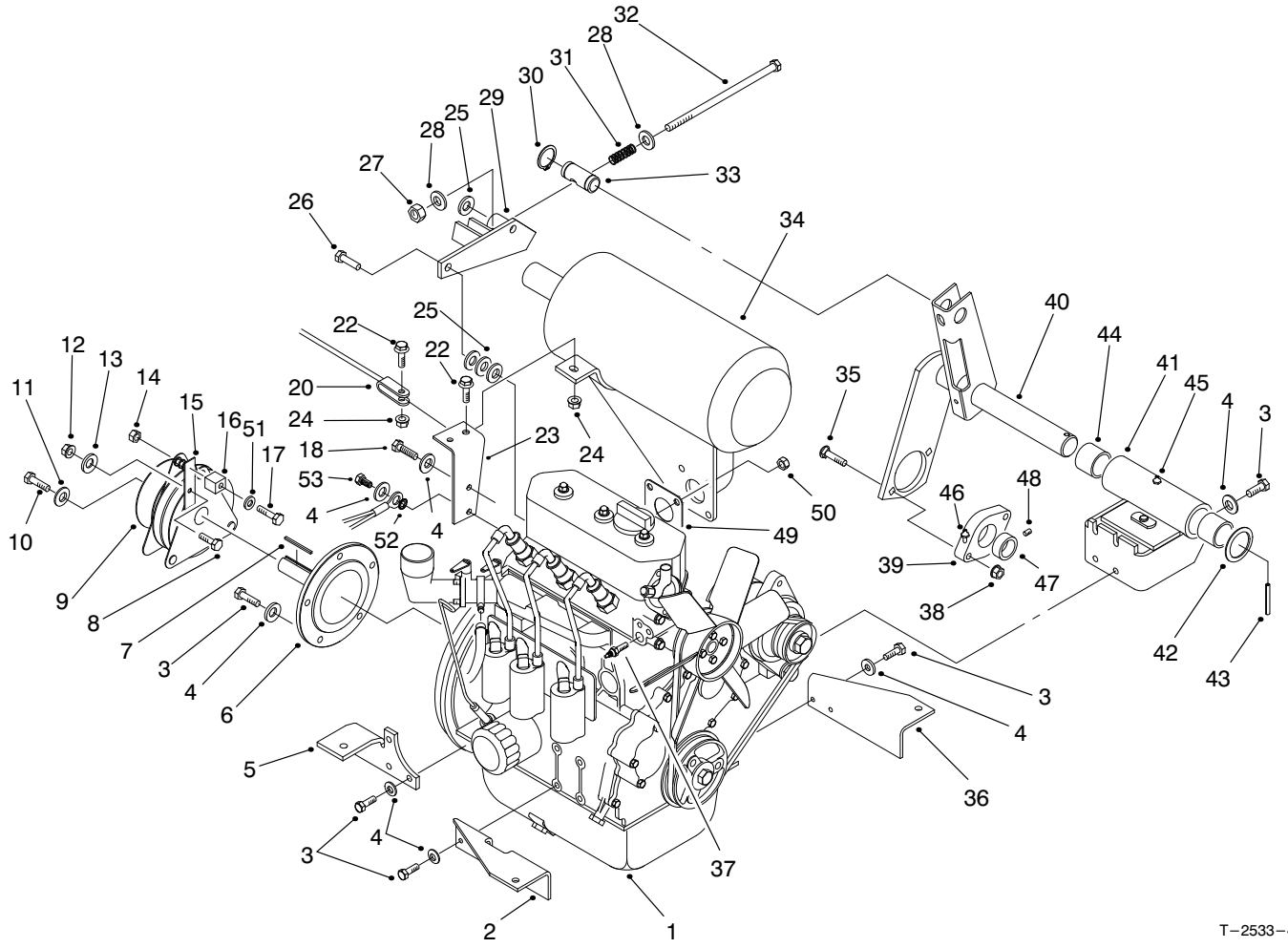


T−0541−3

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

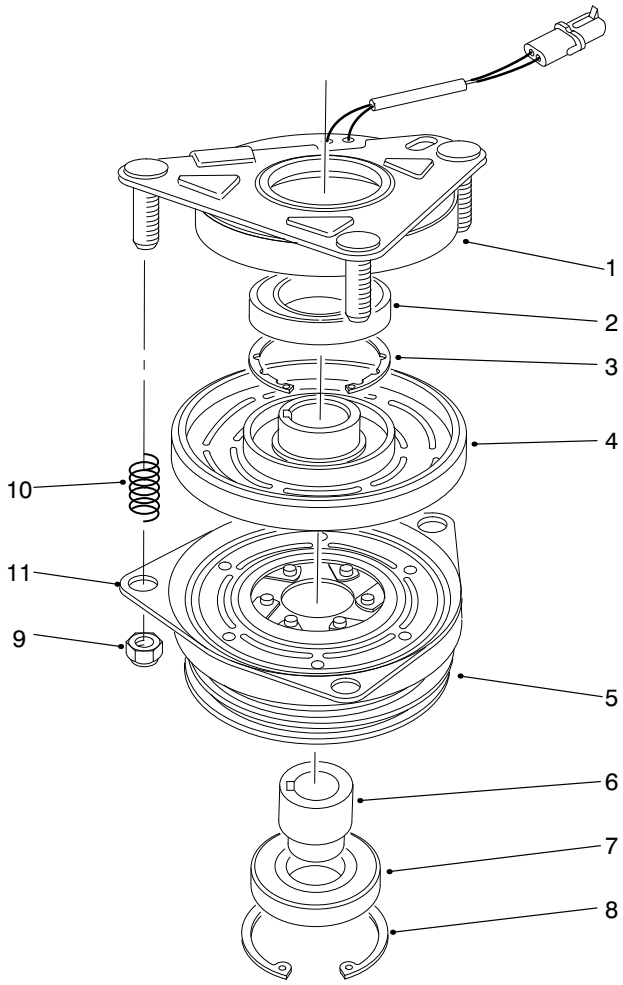


ENGINE INSTALLATION ASM

Ref. No.	Part No.	Description	No. Used
1	94−9403	Engine−Gas	1
2	95−3300	Bracket−Engine, RH	1
3	66−3160	Screw	15
4	48−8030	Washer−Flat	18
5	94−7416	Mount−Engine	1
6	94−7430	Hub−Clutch	1
7	63−8150	Key−Square	1
8	323−34	Screw	1
9	63−6050	Clutch−Electric, Brake	1
10	3212−5	Screw−HH	1
11	67−1631	Spacer	1
12	3296−59	Nut−Lock	1
13	3256−24	Washer−Flat	2
14	32153−4	Nut−Lock	1
15	94−7438	Lever−Anchor, Clutch	1
16	95−6328	Bumper−Clutch	1
17	321−8	Screw−HH	1
18	48−7680	Screw−HH	2
20	66−2870	Cable−Hood, Stop	1
22	3234−29	Screw−HHF	2
23	94−7433	Support−Muffler	1
24	32128−25	Nut−Lock	2
25	48−9580	Washer	4
26	33115−030	Bolt	1
27	32153−3	Nut−Lock	1
28	4−2390	Washer	2
29	94−7434	Bracket−Mounting	1
30	32151−83	Ring−Retaining	2

Ref. No.	Part No.	Description	No. Used
31	3−6624	Spring	1
32	94−7431	Bolt	1
33	63−6290	Pin−Tension	1
34	94−6412	Muffler−Exhaust	1
*	75−6880	Screen−Spark Arrester	1
35	3230−4	Bolt−CARR	2
36	95−3097	Bracket−Engine, LH	1
37	94−3457	Sender−Temperature	1
38	32149−1	Nut−Keps	2
39	92−8799	Bearing (Incl. Ref. #46−48)	1
40	63−6250	Shaft−Tension, PTO	1
41	94−7344	Asm−Plate, Pivot (Incl. Ref. 44 & 45)	1
42	3−4324	Washer−Flat	1
43	32121−32	Pin−Roll	1
44	256−299	Bushing	2
45	302−5	Fitting−Grease, Straight	1
46	302−40	Fitting−Grease 90°	1
47	251−77	Collar−Locking	1
48	3246−1	Screw−Set	1
49	53−8130	Gasket−Exhaust	1
50	68−9400	Nut−Hex.	4
51	3256−60	Washer−Flat	1
52	3255−8	Washer−Lock, Ext. Tooth	1
53	48−7700	Screw−Cap	1
*	42−9850	Washer−Lock (Solenoid)	1
*	57−6390	Nut−Jam (Starter Solenoid)	1

* Not Illustrated

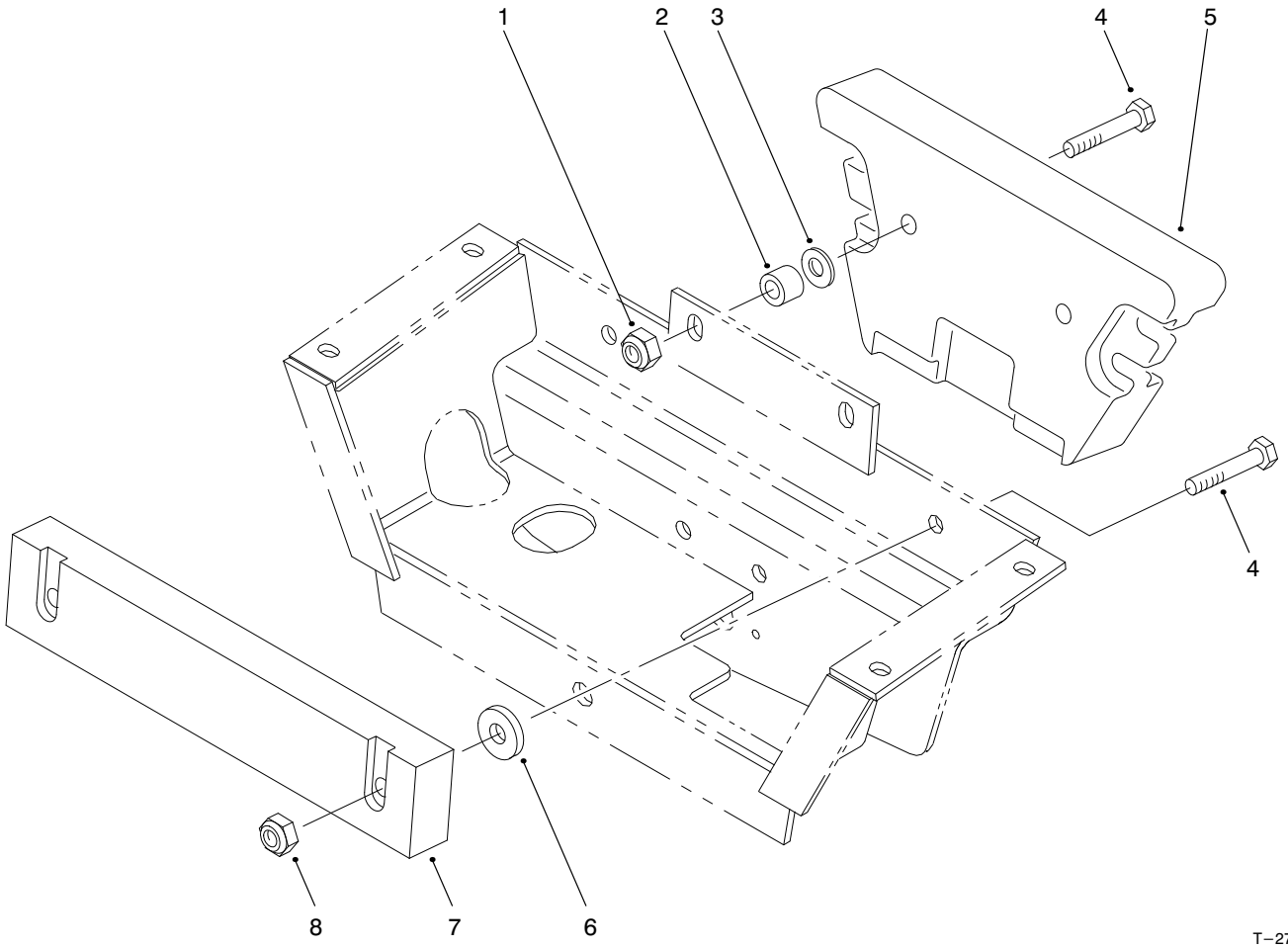


T−0544−2

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

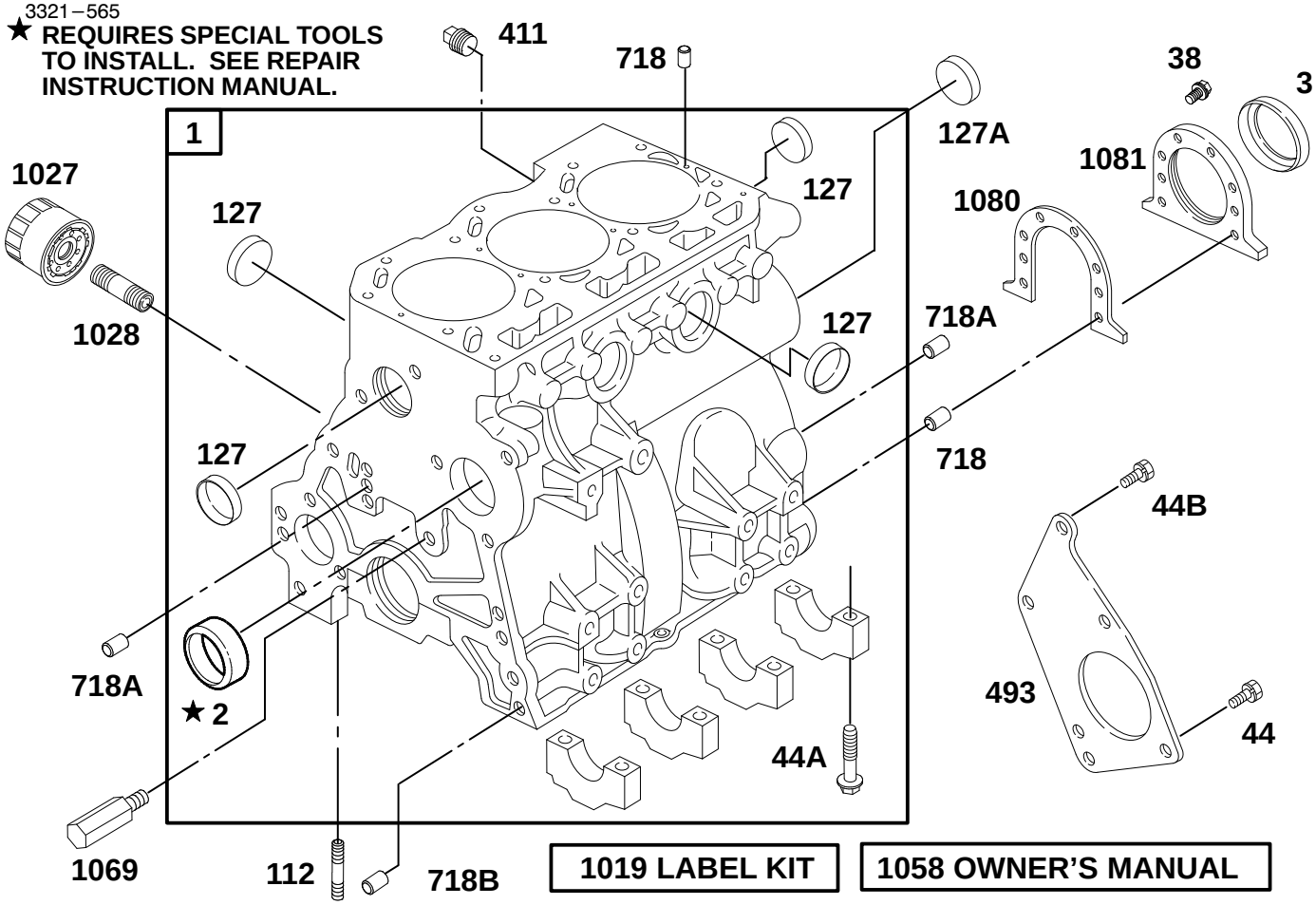
WEIGHT ASM

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

3321–565

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



ASSEMBLIES INCLUDE ALL ITEMS IN FRAMES

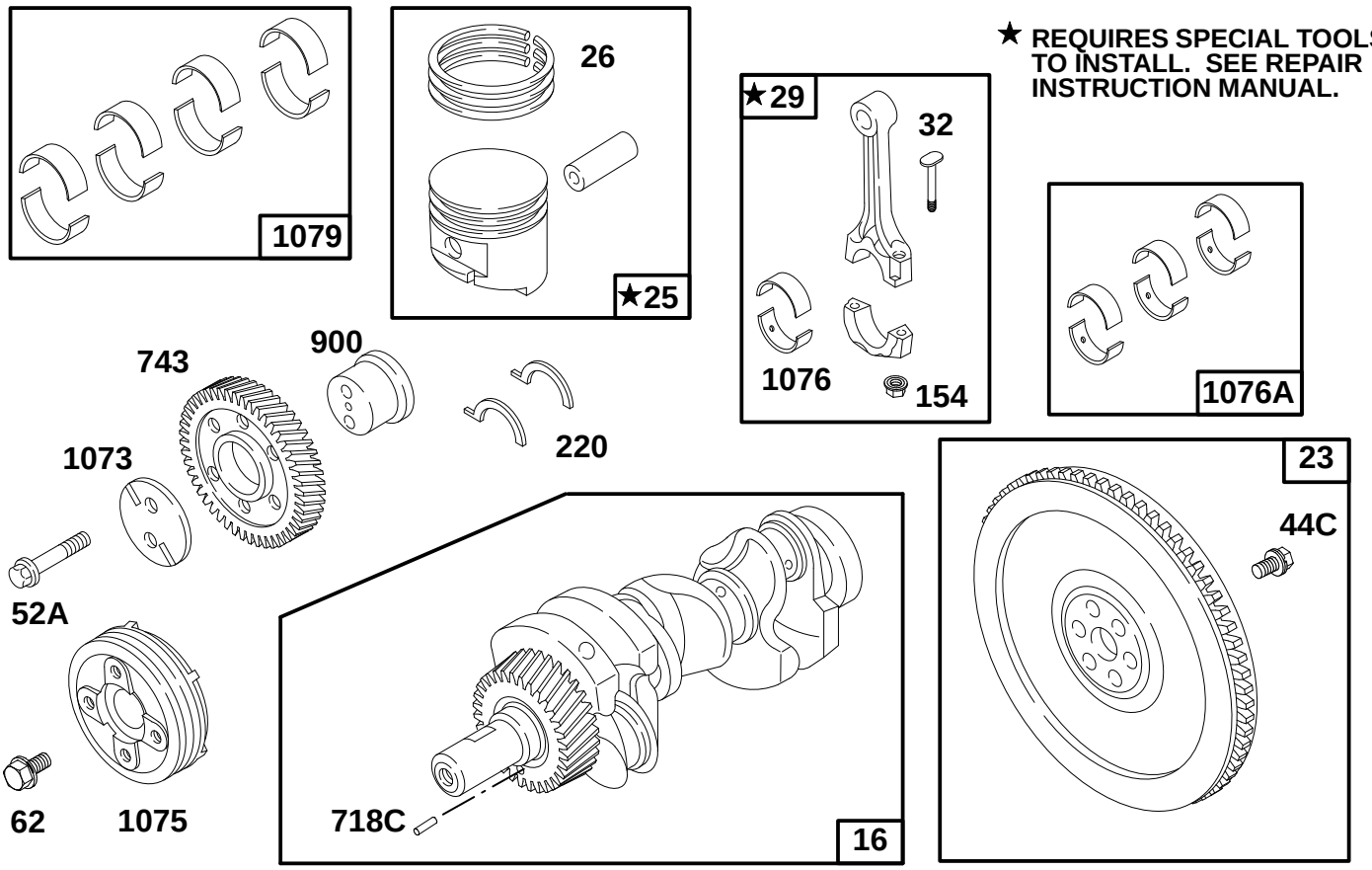
ENGINE ASM MODEL 580447 TYPE 0112–E2

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



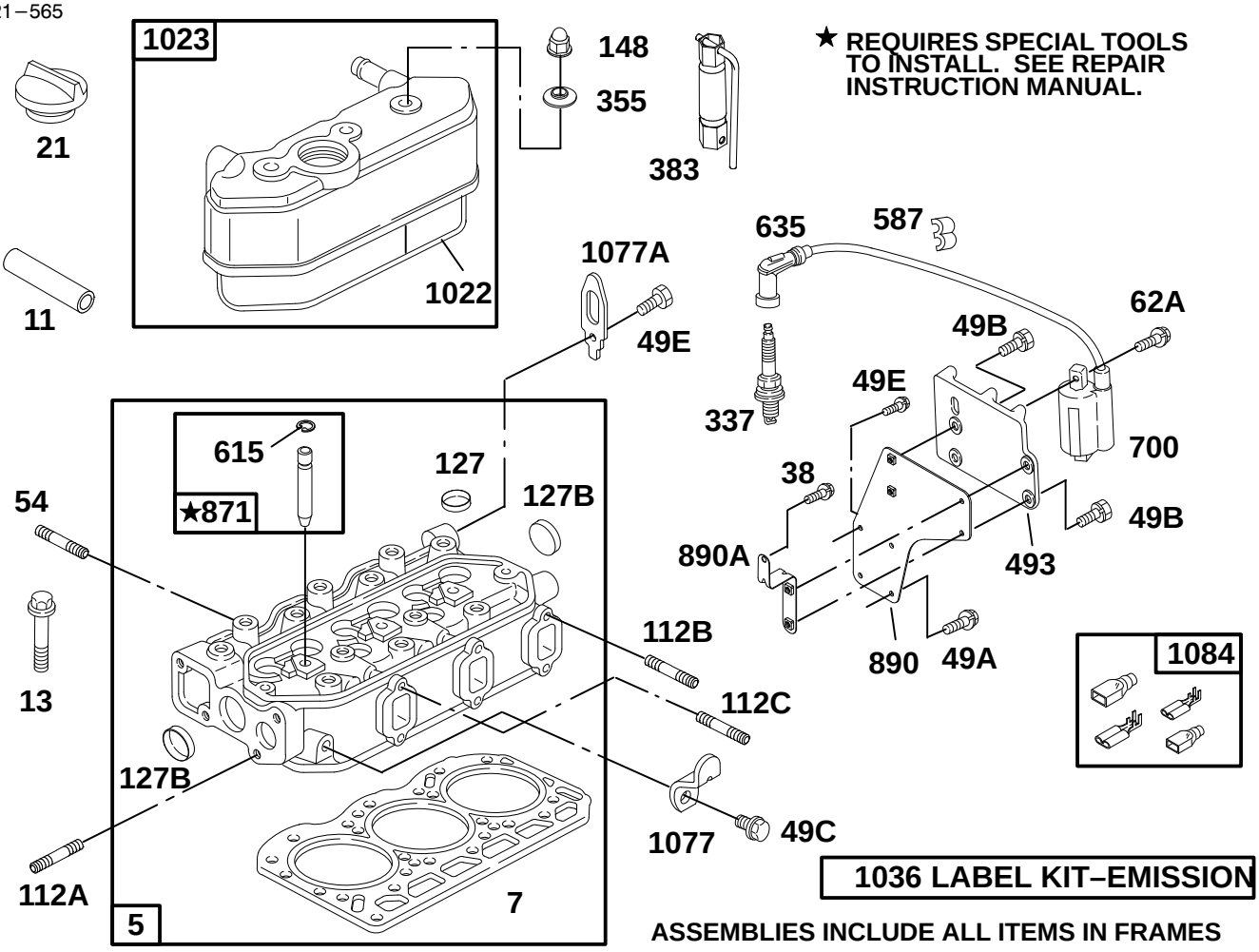
ASSEMBLIES INCLUDE ALL ITEMS IN FRAMES

ENGINE ASM MODEL 580447 TYPE 0112 – E2 (Continued)

Ref. No.	Part No.	Description	No. Used
16	825193	Crankshaft	1
23	825230	Flywheel	1
25	825203	Asm–Piston (Standard)	3
*	825204	Asm–Piston (.010” Oversize)	3
26	825036	Ring Set (Standard)	3
*	825034	Ring Set (.010” Oversize)	3
29	825033	Rod–Connecting	3
32	820128	Screw–Connecting Rod	6
44C	820080	Screw–Hex.	6
49	820081	Screw–Hex.	2
62	820079	Screw–Hex.	1
154	820073	Nut–Hex.	6

Ref. No.	Part No.	Description	No. Used
220	820140	Washer–Thrust (Standard)	1
*	820139	Washer–Thrust (.005” Oversize)	1
718C	820059	Pin–Locating	1
743	825013	Gear–Drive	1
900	820116	Shaft–Gear	1
1073	820117	Plate–Idler Gear	1
1075	820326	Pulley–Crankshaft	1
1076	820142	Bearing–Rod (Standard)	3
1076A	825019	Bearing Set–Rod (Standard)	1
*	825060	Bearing Set–Rod (.010”Undersize)	1
1079	825040	Bearing Set–Main (Standard)	1
*	825039	Bearing Set– Main (.010” Undersize)	1

* Not Illustrated

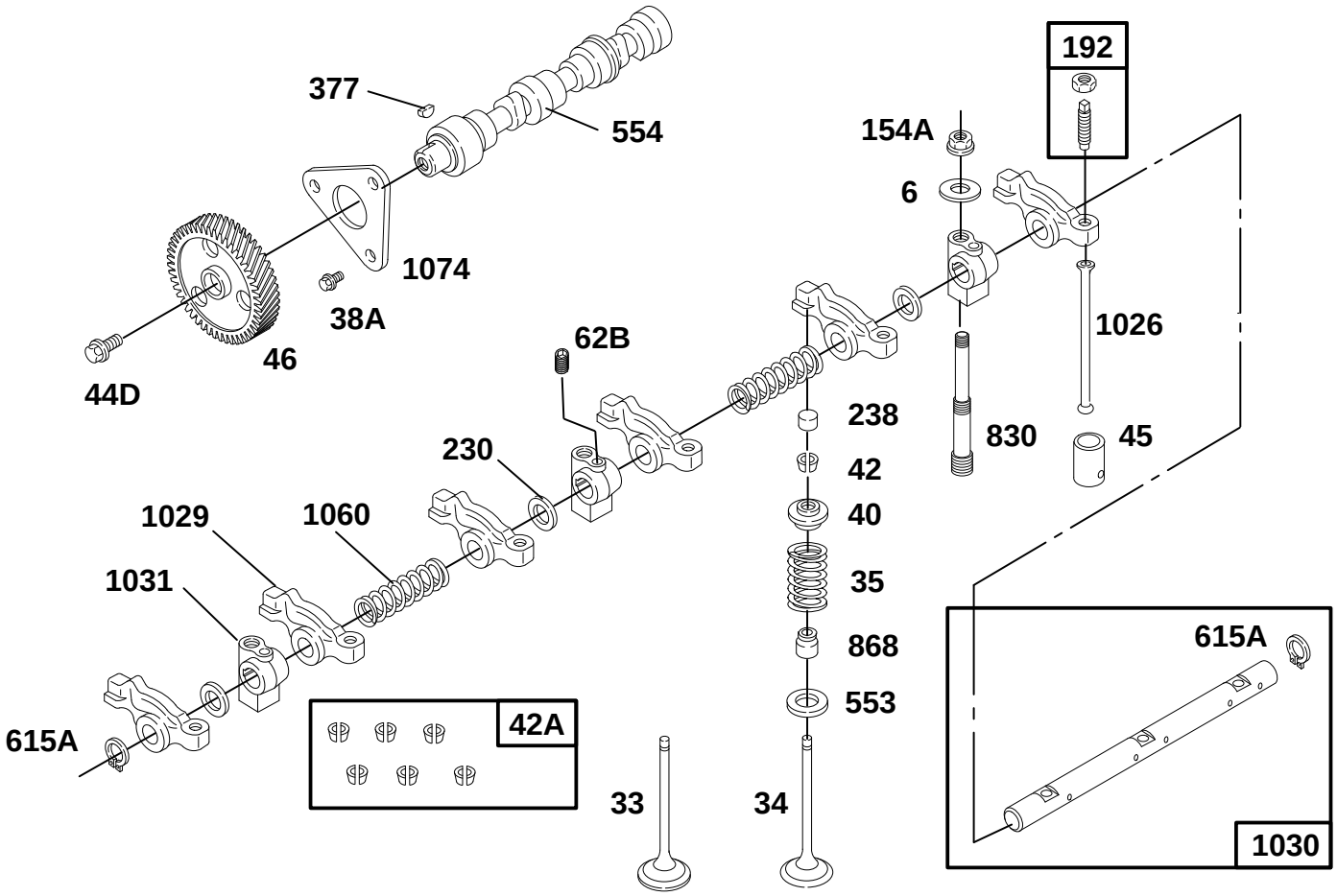


ENGINE ASM MODEL 580447 TYPE 0112–E2 (Continued)

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



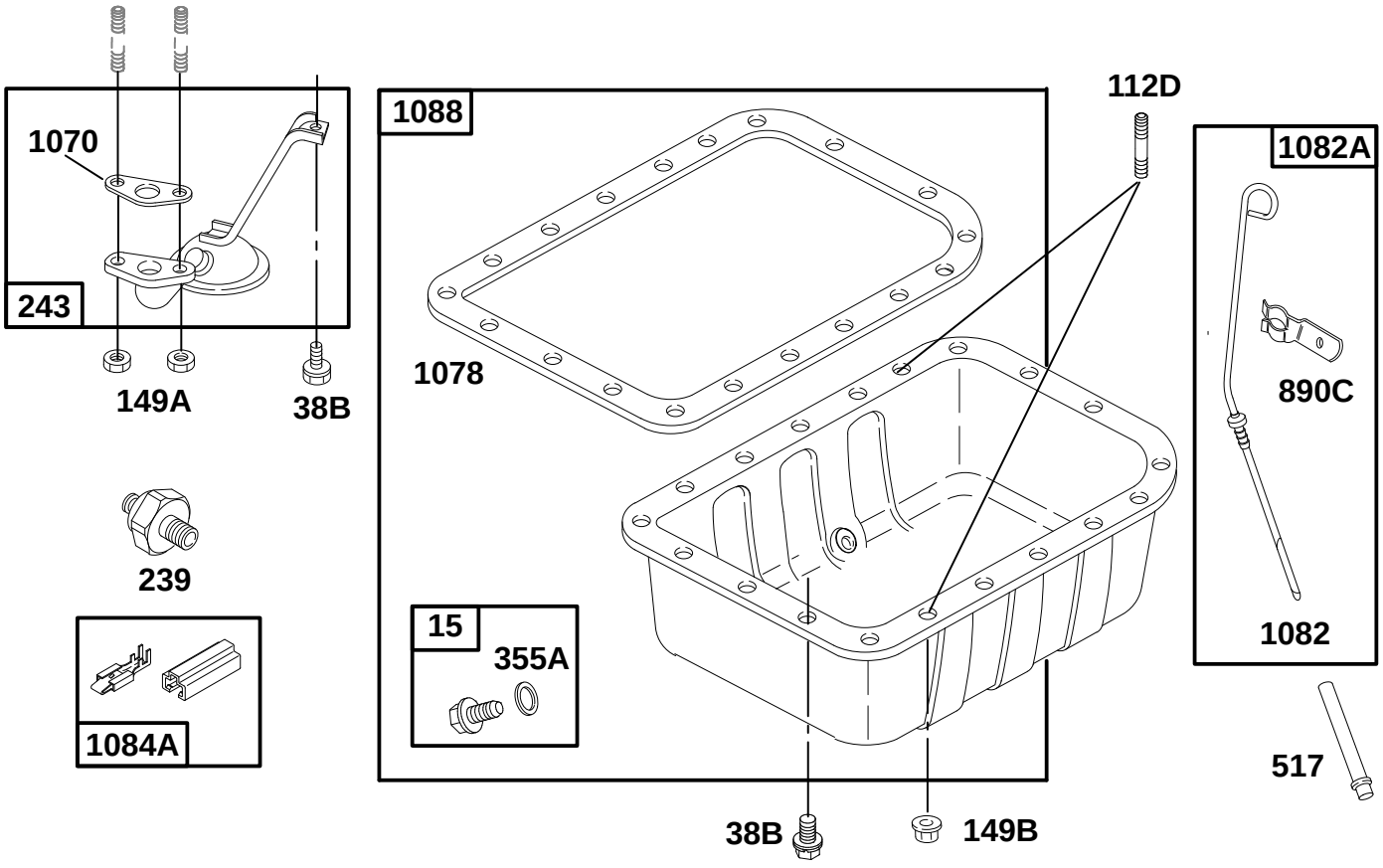
ASSEMBLIES INCLUDE ALL ITEMS IN FRAMES

ENGINE ASM MODEL 580447 TYPE 0112 – E2 (Continued)

Ref. No.	Part No.	Description	No. Used
6	820177	Washer–Flat	3
33	820114	Valve–Exhaust	3
34	820115	Valve–Intake	3
35	820043	Spring–Valve	6
38A	820032	Screw–Hex.	3
40	820111	Retainer–Valve	6
44D	820075	Screw–Hex.	1
42	825042	Keeper–Valve (Contains 1 Set)	6
42A	825082	Keeper–Valve (Contains 6 Sets)	1
45	820110	Tappet–Valve	6
46	820119	Gear–Cam	1
62B	820105	Screw–Socket	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

Ref. No.	Part No.	Description	No. Used
554	820388	Shaft–Cam (Used after code date 96011800)	1
*	820122	Shaft–Cam (Used before code date 96011900)	1
615A	820003	Retainer	2
830	820076	Stud–Rocker Arm	3
†868	820041	Seal–Valve	6
1026	820422	Rod–Push	6
1029	820387	Arm–Rocker (Used after code date 96011800)	6
*	820107	Arm–Rocker (Used before code date 96011900)	6
1030	825093	Shaft–Rocker Arm	1
1031	820106	Support–Rocker Arm	3
1060	820044	Spring–Rocker Shaft	2
1074	820118	Retainer–Camshaft	1

* Not Illustrated
† Included in Gasket Set – Part Number 825056



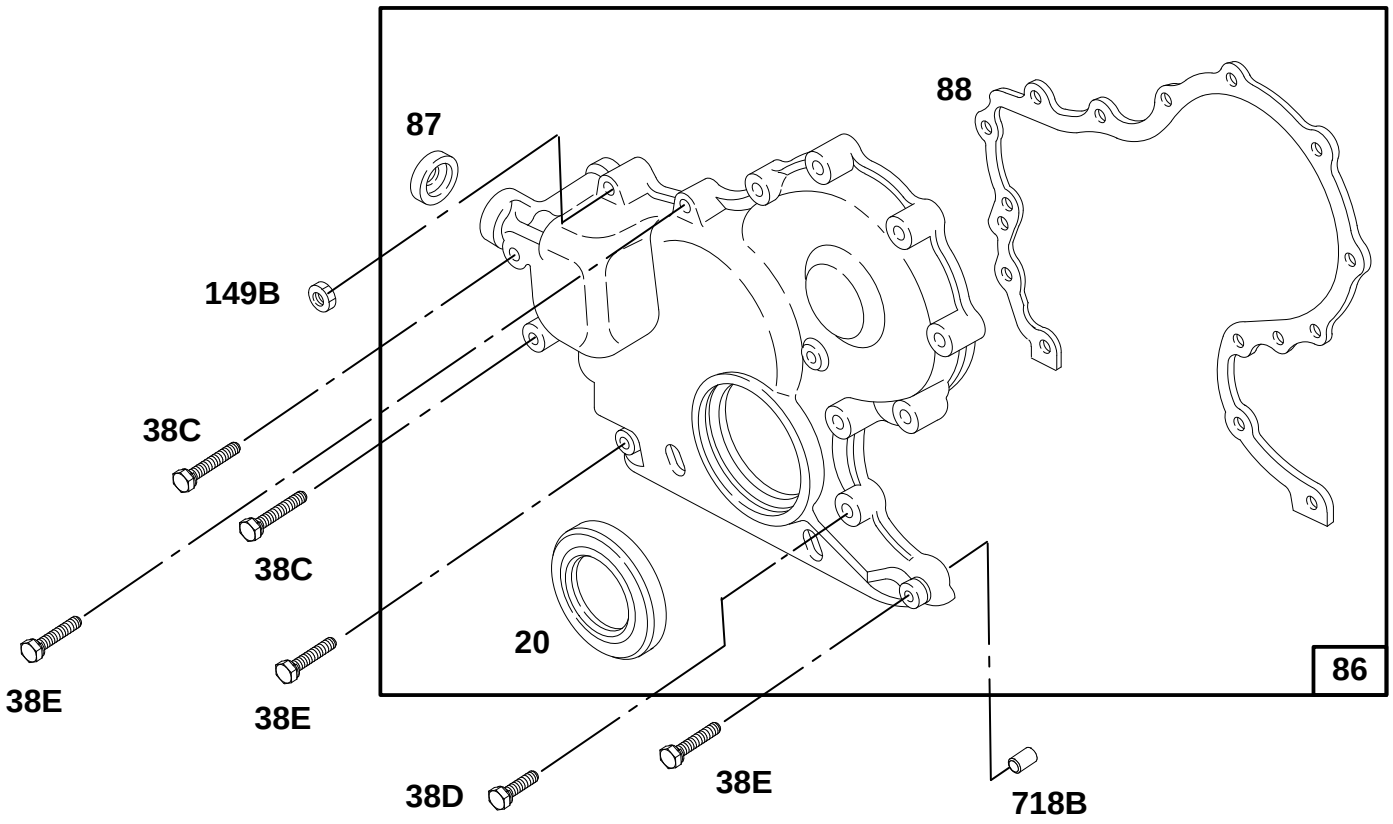
ASSEMBLIES INCLUDE ALL ITEMS IN FRAMES

ENGINE ASM MODEL 580447 TYPE 0112 – E2 (Continued)

Ref. No.	Part No.	Description	No. Used
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



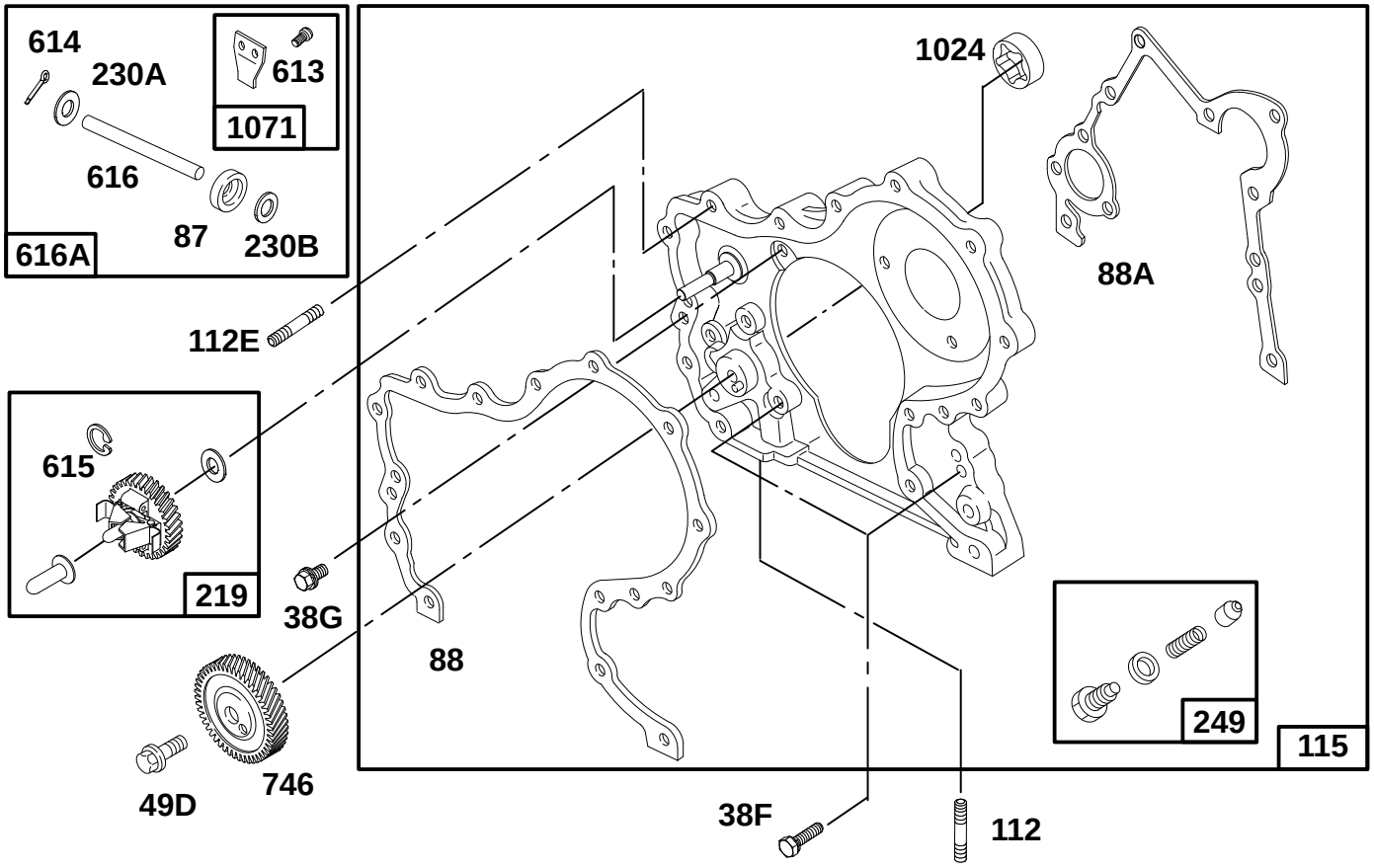
ASSEMBLIES INCLUDE ALL ITEMS IN FRAMES

ENGINE ASM MODEL 580447 TYPE 0112 – E2 (Continued)

Ref. No.	Part No.	Description	No. Used
†20	820055	Seal–Oil	1
38C	820026	Screw–Hex.	2
38D	820029	Screw–Hex.	6
38E	820027	Screw–Hex.	3
86	825046	Asm–Cover, Gear	1

Ref. No.	Part No.	Description	No. Used
†87	820054	Seal–Governor Shaft	1
†88	820148	Gasket–Cover	1
149B	820069	Nut–Hex.	2
718B	820061	Pin–Locating(	2

† Included in Gasket Set – Part Number 825056



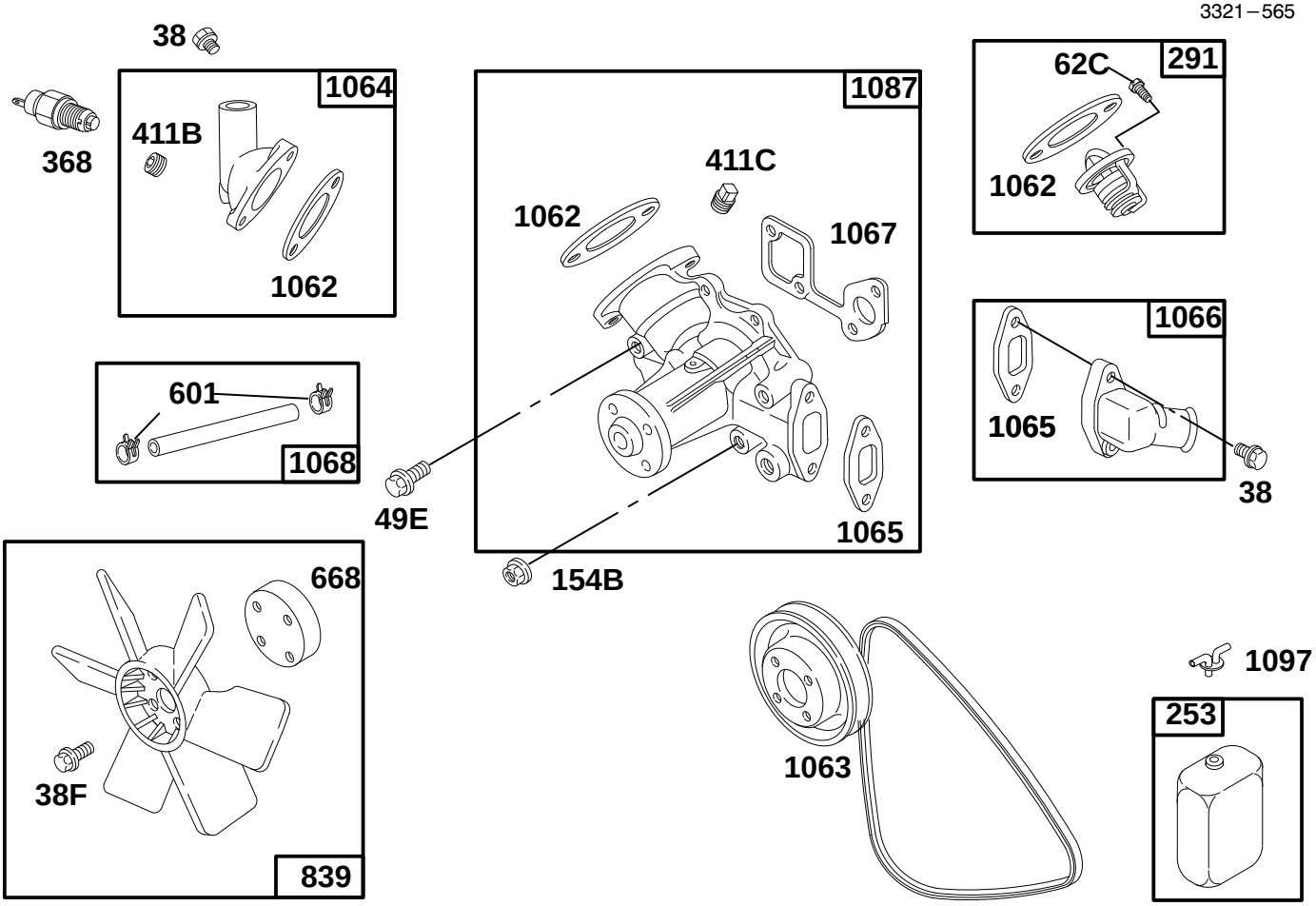
ASSEMBLIES INCLUDE ALL ITEMS IN FRAMES

ENGINE ASM MODEL 580447 TYPE 0112–E2 (Continued)

Ref. No.	Part No.	Description	No. Used
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



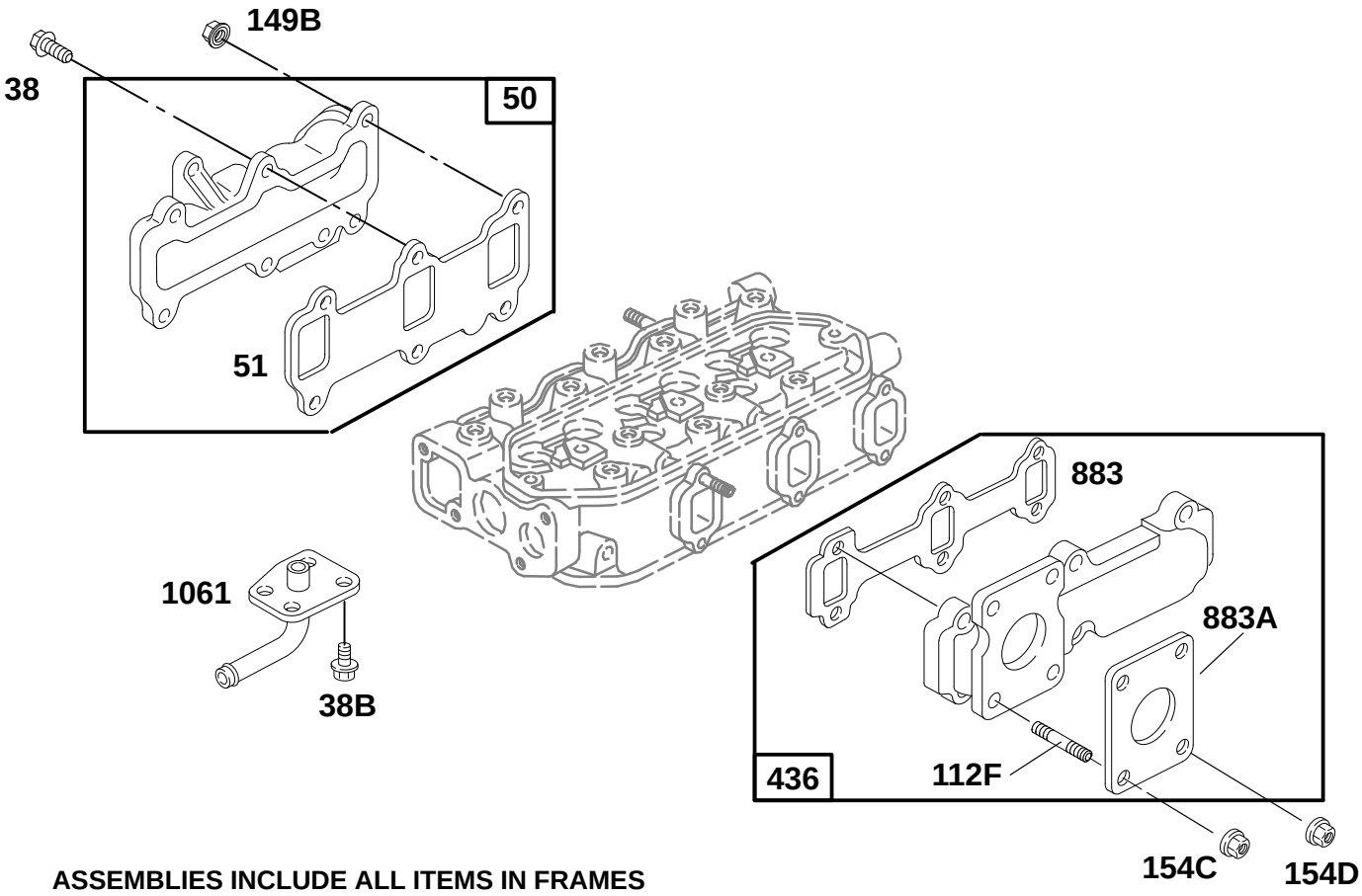
ASSEMBLIES INCLUDE ALL ITEMS IN FRAMES **323**

ENGINE ASM MODEL 580447 TYPE 0112 – E2 (Continued)

Ref. No.	Part No.	Description	No. Used
38	820031	Screw–Hex.	4
38F	820030	Screw–Hex.	4
49E	820022	Screw–Hex.	2
62C	820185	Screw–Hex.	1
154B	820181	Nut–Hex.	2
253	825069	Tank–Reserve	1
291	825064	Thermostat	1
323	820271	Belt–Vee	1
368	820208	Switch–Water Temp. (For Light)	1
411B	820052	Plug	1
411C	820182	Plug	1
601	820045	Clamp–Hose	2

Ref. No.	Part No.	Description	No. Used
668	820218	Spacer	1
839	825136	Fan–Radiator (320 mm. Dia.)	1
1062	K820093	Gasket–Outlet	1
1063	820095	Pulley–Pump	1
1064	825052	Housing–Outlet	1
†1065	820098	Gasket–Inlet Hsg.	1
1066	825051	Housing–Inlet	1
†1067	820100	Gasket–Water Pump	1
1068	825045	Asm–Hose–Clamp	1
1087	825050	Pump–Water	1
1097	820287	Cap–Surge Tank	1

† Included in Gasket Set – Part Number 825056



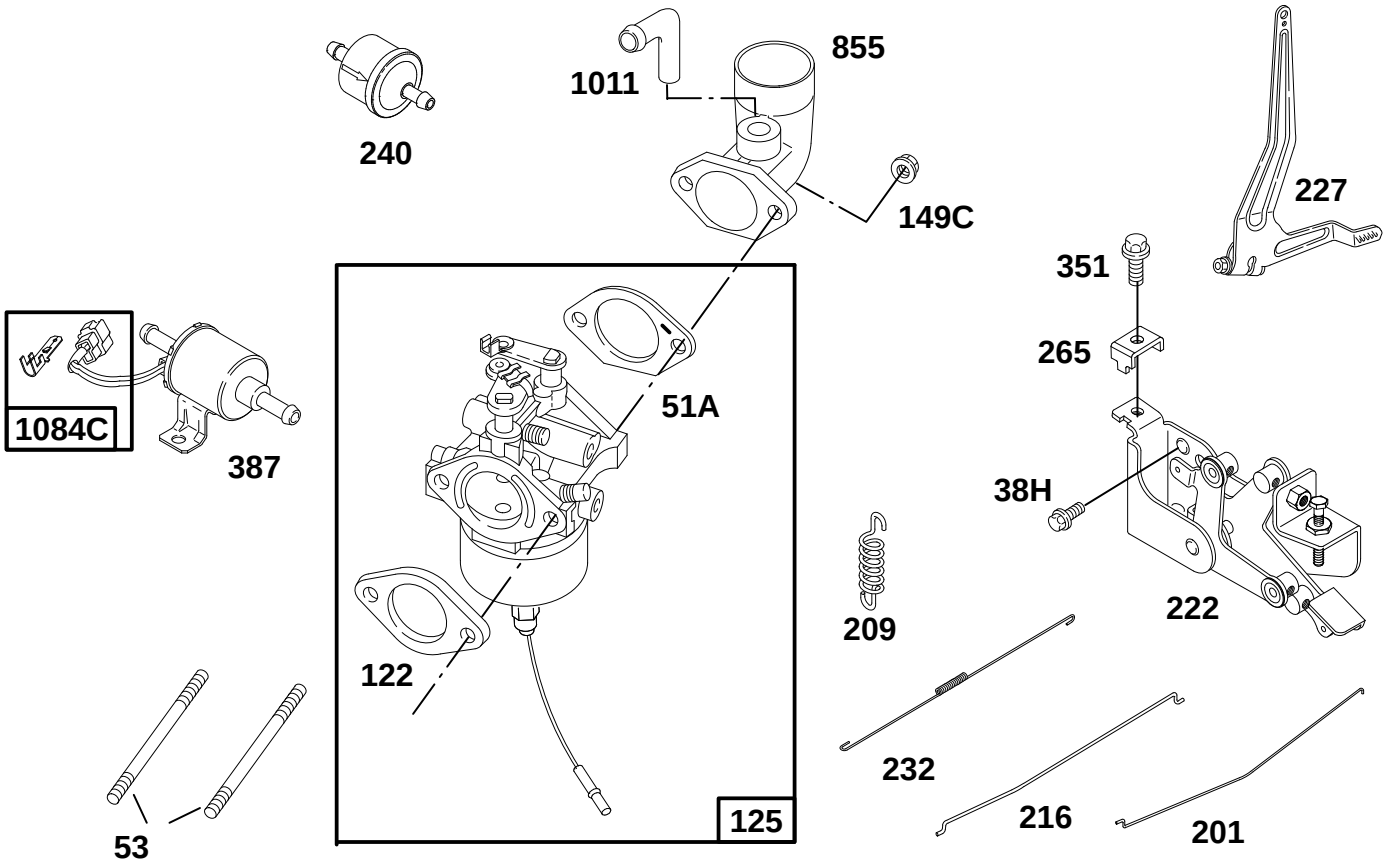
ASSEMBLIES INCLUDE ALL ITEMS IN FRAMES

ENGINE ASM MODEL 580447 TYPE 0112 – E2 (Continued)

Ref. No.	Part No.	Description	No. Used
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



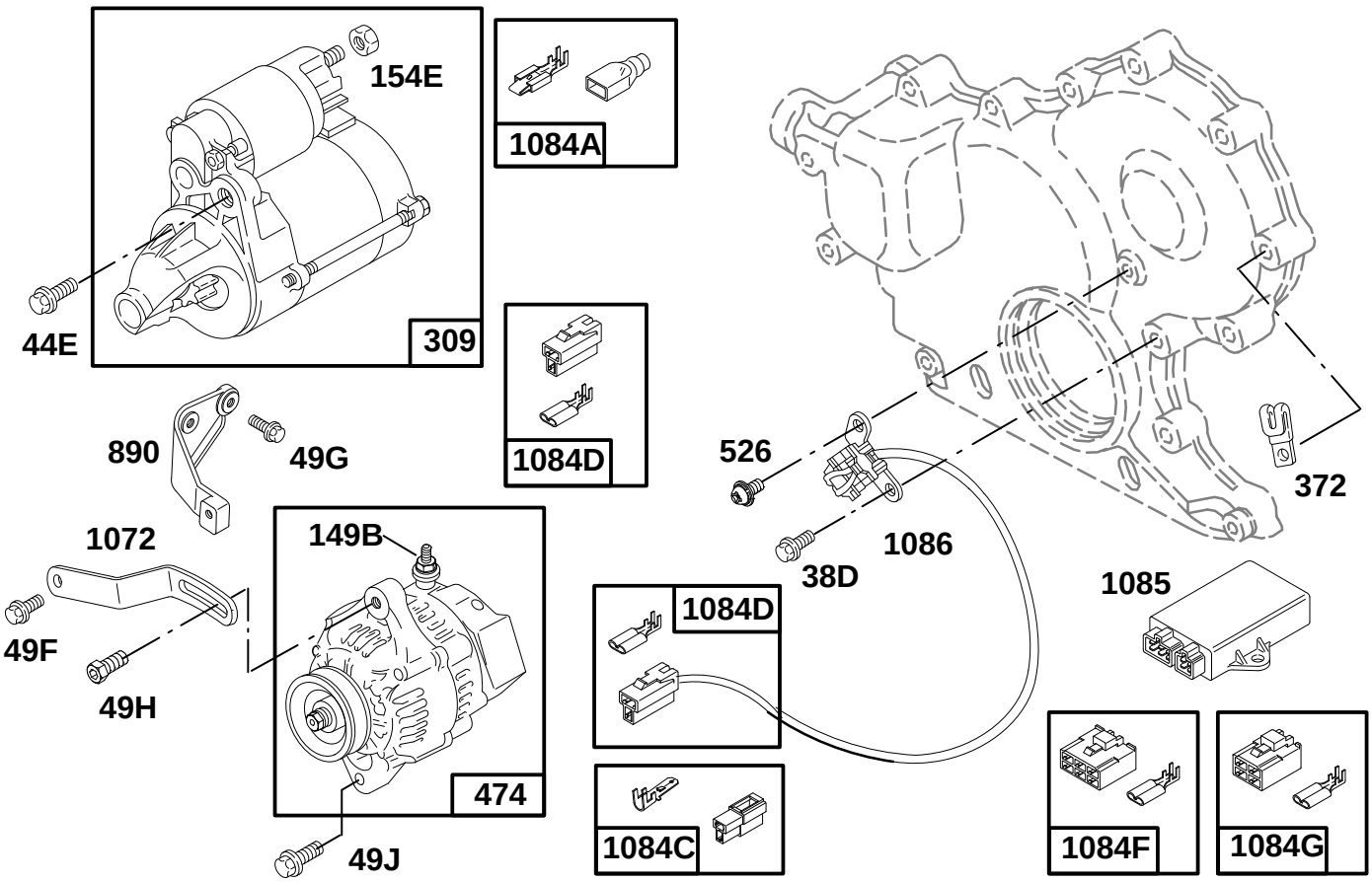
ASSEMBLIES INCLUDE ALL ITEMS IN FRAMES

ENGINE ASM MODEL 580447 TYPE 0112 – E2 (Continued)

Ref. No.	Part No.	Description	No. Used
38H	820174	Screw–Hex.	2
†51A	820160	Gasket–Intake	1
53	820077	Stud–Carburetor Mounting	2
122	820082	Spacer–Carburetor	1
125	825207	Carburetor	1
149C	820011	Nut–Hex.	2
201	820171	Link–Mechanical Governor	1
209	820315	Spring–Governor	1
216	820173	Link–Choke	1
222	825062	Bracket–Control	1

Ref. No.	Part No.	Description	No. Used
227	825061	Lever–Governor	1
232	820172	Spring–Link	1
240	498688	Filter–Fuel	1
265	221535	Clamp–Casing	1
351	805762	Screw–Phillips Hex.	1
387	825005	Pump–Fuel	1
855	820466	Adaptor–Air	1
1011	820184	Tube–Vent	1
1084C	825156	Connector (Fuel Pump–Female)	1

† Included in Gasket Set – Part Number 825056

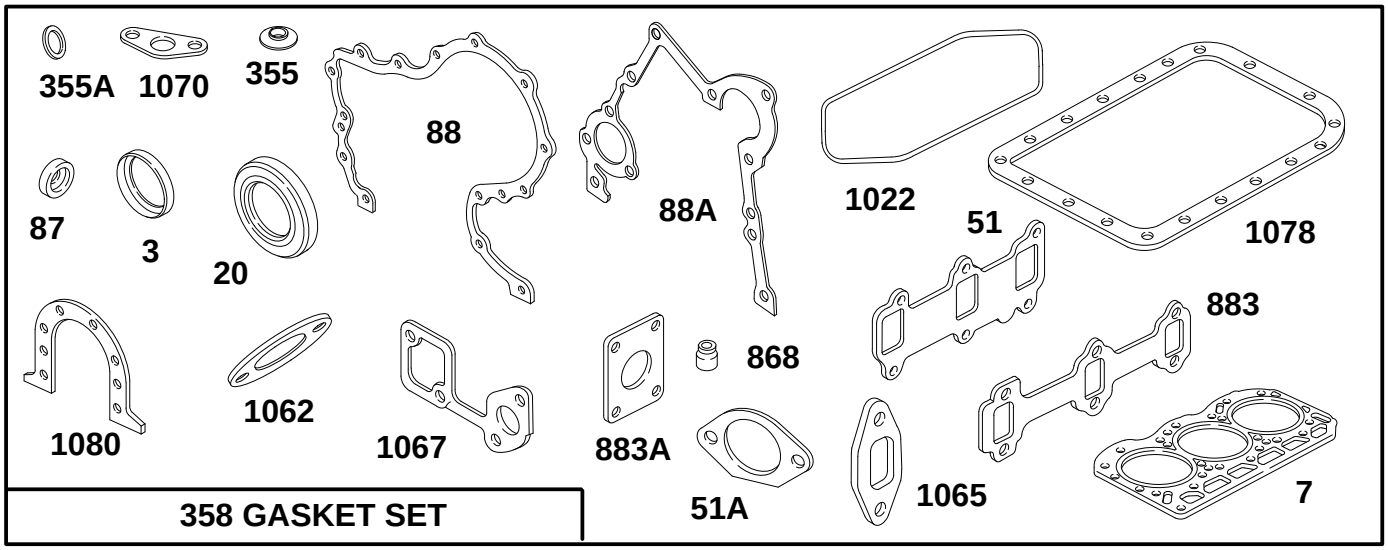


ASSEMBLIES INCLUDE ALL ITEMS IN FRAMES

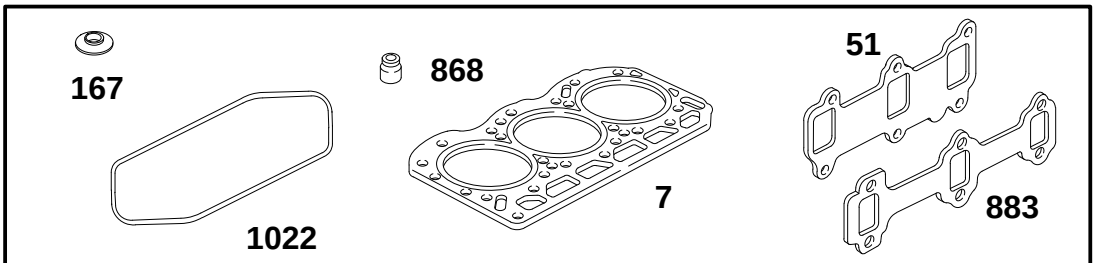
ENGINE ASM MODEL 580447 TYPE 0112–E2 (Continued)

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



358 GASKET SET



1033 VALVE OVERHAUL KIT

ASSEMBLIES INCLUDE ALL ITEMS IN FRAMES

ENGINE ASM MODEL 580447 TYPE 0112 – E2 (Continued)

Ref. No.	Part No.	Description	No. Used
3	820056	Seal–Oil	1
7	820152	Gasket–Cylinder Head	1
20	820055	Seal–Oil	1
51	820087	Gasket–Intake (Manifold)	1
51A	820160	Gasket–Intake	1
87	820054	Seal–Governor Shaft	1
88	820148	Gasket–Cover	1
88A	820155	Gasket–Cover	1
355	820049	Washer–Seal	1
355A	820064	Washer (Rocker Cover)	1
358	825058	Gasket Set	1

Ref. No.	Part No.	Description	No. Used
868	820041	Seal–Valve	1
883	820088	Gasket–Exhaust	1
883A	820085	Gasket–Exhaust	1
1022	820150	Gasket–Rocker Cover	1
1033	825206	Kit–Valve Overhaul	1
1062	820093	Gasket–Outlet	1
1065	820098	Gasket–Inlet Hsg.	1
1067	820100	Gasket–Water Pump	1
1070	820104	Gasket–Oil Strainer	1
1078	820137	Gasket–Oil Pan	1
1080	820145	Gasket–Retainer	1

TORO PART NUMBER INDEX

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

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

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

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

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

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

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

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
321−4	Screw−HH	10	38	2
321−4	Screw−HH	8	52	2
321−4	Screw−HH	2	54	2
321−5	Screw−HH	13	15	3
321−6	Screw−HH	22	36	3
321−8	Screw−HH	27	17	1
321−9	Screw−HH	21	3	2
321−11	Screw−HH	10	16	2
322−3	Screw−HH	23	55	4
322−5	Screw−HH	24	3	2
322−5	Screw−HH	5	4	2
322−5	Screw−HH	9	9	4
322−5	Screw−HH	8	23	13
322−5	Screw−HH	22	39	6
322−6	Screw−HH	8	54	2
322−9	Screw−HH	9	30	2
322−13	Screw−HH	22	18	6
322−14	Screw−HH	9	32	2
322−17	Screw−HH	21	14	1
323−8	Screw−HH	19	29	2
323−9	Screw−HH	8	18	2
323−10	Screw−HH	9	21	2
323−10	Screw−HH	19	43	4
323−11	Screw−HH	8	40	3
323−18	Screw−HH	9	2	1
323−29	Screw−HH	7	17	1
323−34	Screw	27	8	1
323−39	Screw−HH	17	28	3
324−5	Screw−HH	13	27	4
324−23	Screw−HH	19	35	2
325−5	Screw−HH	25	6	2
325−9	Screw−HH	29	4	4
328−25	Screw−HH	25	41	1
3210−5	Screw−HH	17	12	4
3210−7	Screw−HH	14	23	8
3210−8	Screw−HH	17	24	2
3212−5	Screw−HH	27	10	1
3213−2	Screw−HH	8	38	8
3216−3	Screw−HH	10	32	2
3217−25	Nut−Hex.	3	23	4
3217−26	Nut−Hex.	3	30	1
3217−29	Nut−Hex.	12	30	2
3218−3	Nut−Jam	17	42	2
3218−19	Nut−Hex.	3	6	2
3219−2	Nut	14	2	8
3219−14	Nut−Hex.	3	27	6
3219−29	Nut−Hex.	3	32	6
3220−2	Nut−Jam RH	10	21	1
3220−3	Nut−Jam	7	16	1
3220−3	Nut−Jam	3	17	1
3220−3	Nut−Jam	25	43	8
3220−5	Nut−Jam RH	25	33	2
3220−6	Nut	6	27	1
3220−6	Nut−Hex.	5	5	1
3220−7	Nut−Jam	25	23	2
3220−7	Nut−Jam	17	50	1
3220−12	Nut−Jam LH	25	31	2
3230−2	Bolt−CARR	7	25	2
3230−2	CARR−Bolt	21	10	2
3230−4	Bolt−CARR	9	11	2
3230−4	Bolt−CARR	27	35	2
3230−23	Bolt−CARR	1	28	4
3234−5	Screw−Flange	12	25	8
3234−13	Screw−HFH	8	1	1
3234−13	Screw−HFH	25	12	2
3234−13	Screw−HFH	1	24	8
3234−14	Screw−HFH	1	21	8
3234−17	Screw−Flange	22	34	2
3234−17	Screw−HFH	12	3	1
3234−25	Screw−Flange	25	1	4
3234−29	Screw−HHF	27	22	2
3234−30	Screw−Flange	8	31	2
3241−6	Screw−Set	17	13	2
3246−1	Screw−Set	9	17	2
3246−1	Screw−Set	27	48	1
3249−3	Screw−Round Hd.	12	26	2
3253−2	Washer−Lock	3	26	5
3253−3	Washer−Lock	10	8	2
3253−3	Washer−Lock	13	14	3
3253−3	Washer−Lock	22	30	2
3253−3	Washer−Lock	8	53	2
3253−4	Washer−Lock	9	10	4
3253−4	Washer−Lock	8	25	2
3253−7	Washer−Lock	8	37	8
3253−8	Washer−Lock	13	17	4
3253−15	Washer−Lock	13	2	5
3253−15	Washer−Lock	3	31	2
3253−19	Washer−Lock	3	33	3
3253−21	Washer−Lock	9	3	1
3253−21	Washer−Lock	21	9	2
3253−21	Washer−Lock	3	16	1
3253−21	Washer−Lock	8	17	2
3253−21	Washer−Lock	17	31	4
3254−1	Washer−Lock	3	29	1
3255−8	Washer−Lock	14	3	8
3255−8	Washer−Lock	1	12	4
3255−8	Washer−Lock, Ext. Tooth	27	52	1
3255−8	Washer−Lock, Int. Tooth	8	30	1
3255−20	Washer−Lock	3	22	2
3256−1	Washer−Flat	3	3	4
3256−14	Washer−Flat	3	25	2
3256−22	Washer−Flat	10	7	2
3256−22	Washer−Flat	12	17	4
3256−22	Washer−Flat	22	32	6
3256−22	Washer−Flat	5	35	3
3256−22	Washer−Flat	25	51	1
3256−23	Nut−Lock	24	4	2
3256−23	Washer	8	57	4
3256−23	Washer−Flat	10	1	1
3256−23	Washer−Flat	5	1	4
3256−23	Washer−Flat	22	17	6
3256−23	Washer−Flat	21	20	2
3256−23	Washer−Flat	5	42	2
3256−24	Washer−Flat	8	6	5
3256−24	Washer−Flat	7	12	1
3256−24	Washer−Flat	27	13	2
3256−24	Washer−Flat	3	15	1
3256−24	Washer−Flat	22	20	1
3256−24	Washer−Flat	17	44	1
3256−24	Washer−Flat	25	56	2
3256−25	Washer−Flat	13	26	4
3256−26	Washer−Flat	10	2	2
3256−26	Washer−Flat	17	2	1
3256−26	Washer−Flat	29	3	2
3256−26	Washer−Flat	5	14	1
3256−27	Washer−Flat	22	9	1
3256−40	Washer−Flat	8	36	8
3256−51	Washer−Flat	21	5	2
3256−51	Washer−Flat	8	47	3
3256−60	Washer−Flat	27	51	1
3256−60	Washer−Flat	23	78	4
3256−67	Washer−Flat	13	12	3
3256−69	Washer−Flat	22	3	1
3256−69	Washer−Flat	5	45	AR
3256−71	Washer−Flat	17	21	4
3257−5	Key−Woodruff	9	6	1
3257−5	Key−Woodruff	19	11	2
3257−5	Key−Woodruff	17	11	1
3258−19	Screw−HH	22	46	2
3269−10	Washer−Flat	12	32	3
3269−13	Rivet	12	31	3
3272−4	Pin−Cotter	22	13	2
3272−5	Pin−Cotter	5	13	3
3272−5	Pin−Cotter	10	20	1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
3272−6	Pin−Cotter	7	14	1
3272−10	Pin−Cotter	17	4	1
3272−10	Pin−Cotter	7	9	2
3272−10	Pin−Cotter	5	18	5
3272−10	Pin−Cotter	10	39	1
3272−10	Pin−Cotter	2	46	1
3272−11	Pin−Cotter	22	19	2
3272−13	Pin−Cotter	25	24	2
3272−15	Pin−Cotter	9	22	1
3272−17	Pin−Cotter	13	33	2
3272−23	Pin−Cotter	10	29	4
3273−38	Screw−HSH	13	35	4
3274−8	Screw−Socket Head	23	58	2
3274−32	Screw−HSH	1	13	4
3274−65	Screw−HSH	3	4	4
3290−255	Pin−Hair, Cotter	22	26	1
3290−271	Rivet	12	12	4
3290−271	Rivet	2	48	4
3290−359	Screw−Machine	1	9	4
3290−378	Tie−Cable	22	25	1
3296−6	Nut−Lock	28	9	3
3296−12	Nut−Lock	22	1	2
3296−12	Nut−Lock	8	46	4
3296−12	Nut−Lock	2	49	4
3296−15	Nut−Lock	10	24	2
3296−20	Nut−Lock	5	2	4
3296−25	Nut−Lock	29	1	2
3296−25	Nut−Lock	25	4	2
3296−29	Nut−Lock	5	10	2
3296−29	Nut−Lock	21	18	3
3296−29	Nut−Lock	9	27	4
3296−29	Nut−Lock	8	34	10
3296−29	Nut−Lock	10	40	1
3296−39	Nut−Lock	8	7	4
3296−39	Nut−Lock	9	8	2
3296−39	Nut−Lock	7	21	1
3296−39	Nut−Lock	17	39	2
3296−42	Nut−Lock	21	1	4
3296−42	Nut−Lock	25	5	1
3296−42	Nut−Lock	12	15	4
3296−42	Nut−Lock	5	25	1
3296−42	Nut−Lock	22	33	5
3296−42	Nut−Lock	10	34	2
3296−45	Nut−Lock	29	8	2
3296−48	Nut−Lock	13	16	4
3296−51	Nut−Lock	25	29	1
3296−59	Nut−Lock	27	12	1
3298−8	Screw−Set	3	21	1
32105−8	Screw	8	42	1
32105−8	Screw−Slotted HH	21	4	2
32105−13	Screw−HH	22	15	2
32107−11	Nut−Square	23	56	2
32120−72	Ring−Retaining	17	37	1
32121−6	Pin−Roll	7	4	1
32121−6	Pin−Roll	22	10	1
32121−15	Pin−Roll	15	34	1
32121−32	Pin−Roll	27	43	1
32121−34	Pin−Roll	9	29	1
32121−49	Pin−Spring	13	43	2
32121−50	Pin−Roll	5	24	1
32121−50	Pin−Roll	7	32	1
32121−71	Pin−Spring	13	44	2
32121−91	Pin	19	14	3
32122−24	Screw−Machine	13	1	5
32128−14	Nut−Hex. Flange	23	67	2
32128−20	Nut−Flange	1	25	4
32128−20	Nut−Flange	8	29	3
32128−20	Nut−Flange	22	37	10
32128−20	Nut−Lock	12	34	1
32128−20	Nut−Lock, Whiz	12	4	6
32128−25	Nut−Lock	27	24	2
32128−33	Nut−Flange	22	7	3
32128−33	Nut−Flange	8	8	1
32128−33	Nut−Flange Hd.	1	6	13
32128−44	Nut−Flange, Lock	7	28	2
32128−45	Nut−Lock, Flange	25	49	1
32128−56	Nut−Flange	7	24	2
32144−21	Screw−PPH	5	41	1
32148−6	Nut−Clinch	22	4	6
32148−7	Nut−Clinch	2	59	22
32148−8	Nut−Clinch	2	62	8
32148−9	Nut−Clinch	2	58	3
32148−9	Nut−Clinch	22	24	2
32148−10	Nut−Clinch	2	60	14
32148−11	Nut−Clinch	2	61	4
32148−11	Nut−Clinch	10	41	2
32148−11	Nut−Clinch	23	70	2
32149−1	Nut−Keps	27	38	2
32149−1	Nut−Lock	9	15	2
32151−36	Ring−Retaining	25	15	2
32151−46	Ring−Retaining	19	1	2
32151−77	Ring−Retaining	25	53	1
32151−83	Ring−Retaining	27	30	2
32152−5	Nut−Lock	17	14	6
32153−3	Nut−Lock	27	27	1
32153−4	Nut−Lock	27	14	1
32153−6	Nut−Hex Lock	25	38	1
33104−040	Screw−HH	17	20	2
33115−030	Bolt	27	26	1
340−2	Fitting−Hydraulic Straight	10	10	1
340−70	Nut−Fitting	10	35	1
340−71	Fitting−Hydraulic Bulkhead	10	36	1
340−77	Fitting−Hydraulic 90˚	10	*	1
340−77	Fitting−Hydraulic 90˚	10	17	2
340−86	Fitting−Hydraulic Tee	10	26	1
340−92	Fitting−Straight	25	46	1
340−103	Fitting−Hydraulic 45˚	25	44	1
353−508	Asm−Plug	11	14	1
353−536	Fitting−90˚	13	10	1
353−979	Hose Barb	17	8	1
353−988	Plug−Hydraulic	18	55	1
353−990	Plug−Hydraulic	18	56	1
354−71	Pipe Nipple	15	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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Certifie Conforme au Reglement sur le Brouillage Radioelectrique.

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