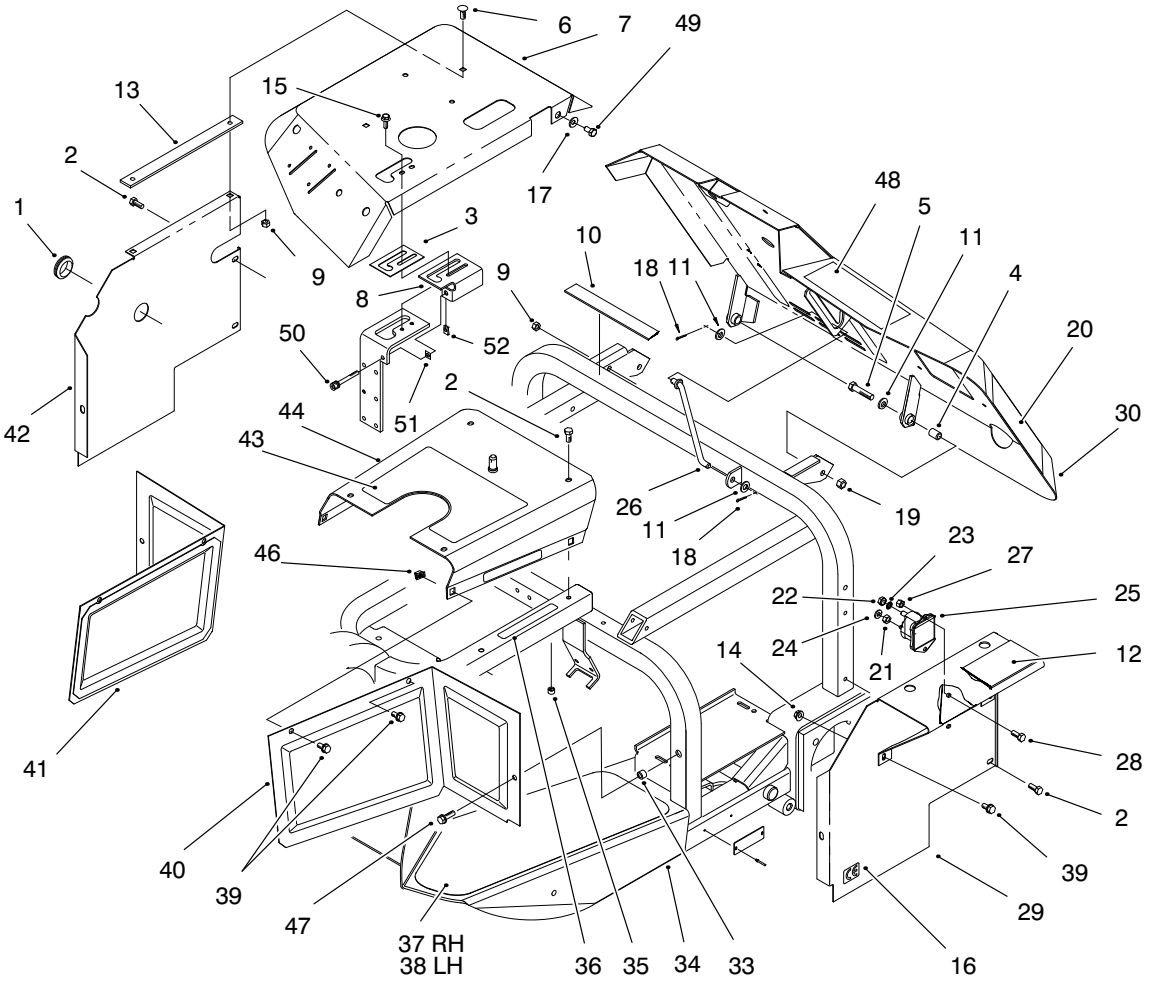
FORM NO. 3321–557

TORO®

MODEL NO. 08886–80001 & UP

PARTS CATALOG

SAND PRO® 5020



T–2786–2

FRAME & BODY ASM

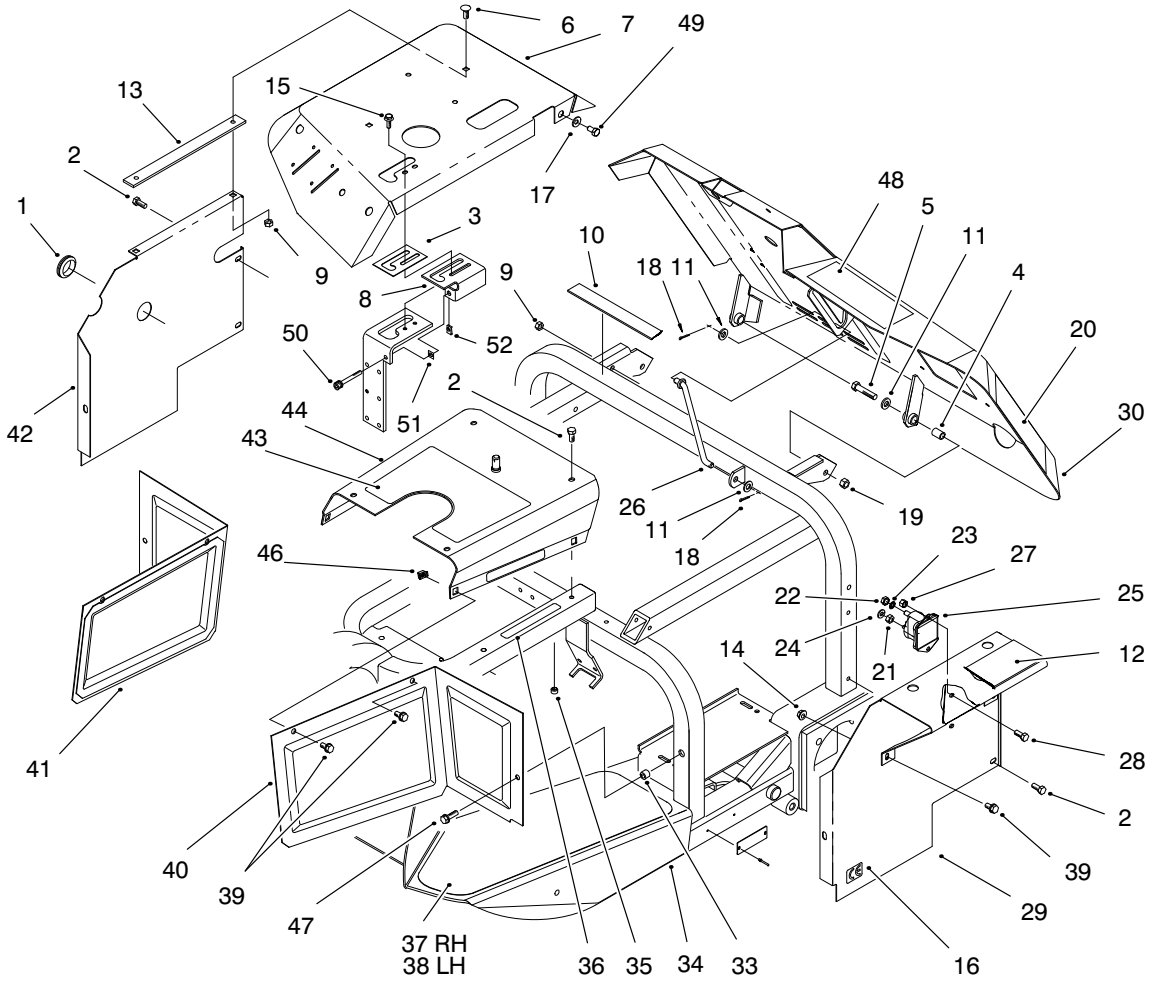
Ref. No.	Part No.	Description	No. Used
1	240–3	Grommet–Rubber	1
2	32144–11	Screw–HWHTF	8
3	99–1629	Guide–Lever	1
4	85–0290	Spacer–Seat Support	2
5	323–9	Screw–HH	2
6	3230–20	Bolt–CARR	2
7	98–0918	Fender–RH	1
8	98–8160	Latch–Valve Lever	1
9	3296–29	Nut–Lock	3
10	98–0980	Strip–Seat Base	1
11	3256–24	Washer–Flat	4
12	98–0981	Pad–Seat Base	1
13	98–0982	Strip–Fender	1
14	32128–20	Nut–Flange Lock	1
15	3234–4	Screw–HFH.	2
16	93–7252	Decal–CE	1

Ref. No.	Part No.	Description	No. Used
17	3256–2	Washer–Flat	1
18	3272–4	Pin–Cotter	2
19	3296–39	Nut–Lock	2
20	98–0972	Decal–Sand Pro 5020	2
21	3219–14	Nut–Hex	2
22	3218–13	Nut–Jam	2
23	3254–2	Washer–Lock	2
24	3254–1	Washer–Lock	2
25	28–4210	Solenoid–Starter	1
26	98–0917	Rod–Seat	1
27	3296–42	Nut–Lock	2
28	321–3	Screw–HH	2
29	98–0966	Asm–Panel–Rear LH	1
30	98–8150	Seat Base (Incl. Ref. #48)	1
33	32148–8	Nut–Clinch	2

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TPS

3321−557



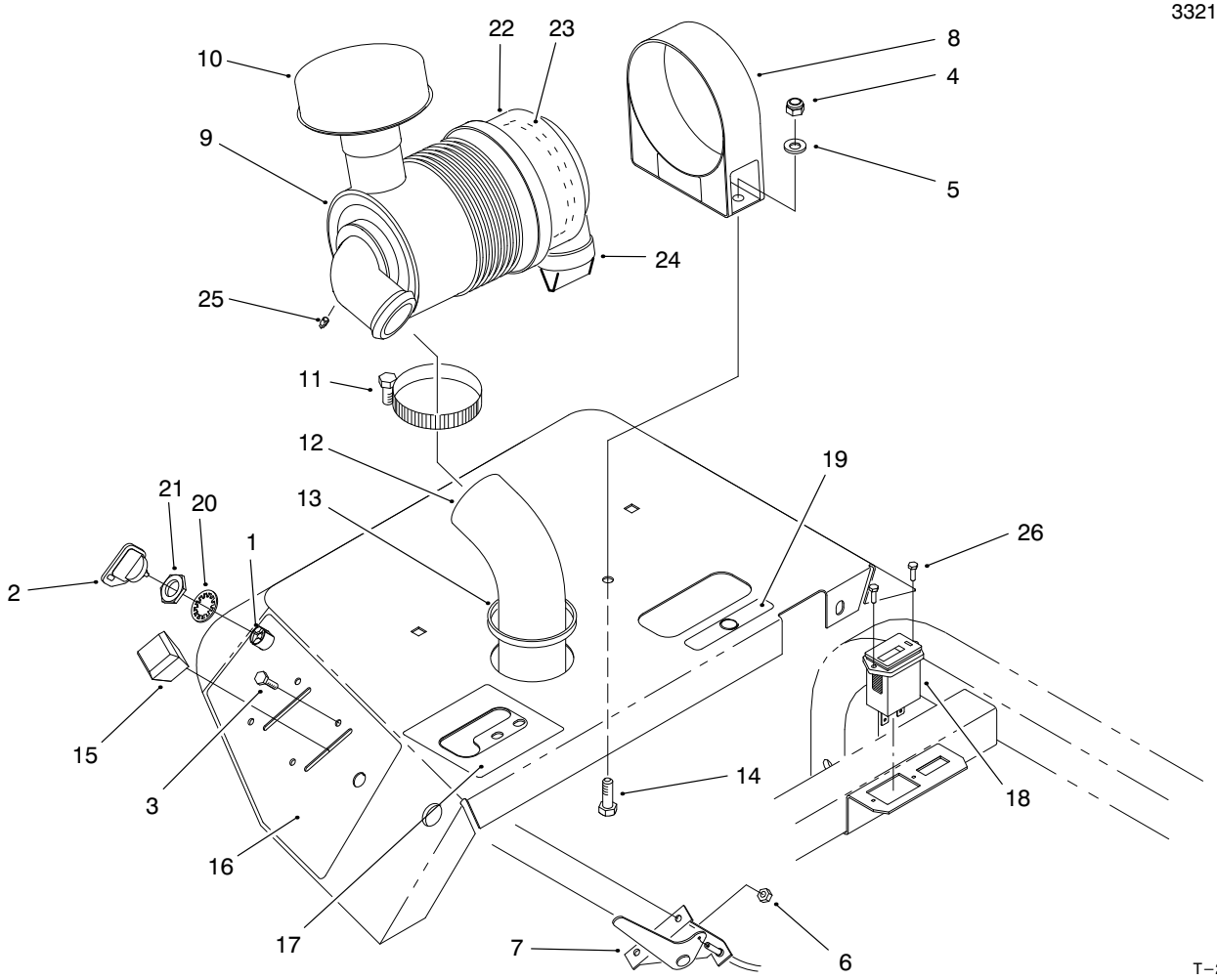
T−2786−2

FRAME & BODY ASM (Continued)

Ref. No.	Part No.	Description	No. Used
34	98−0962	Asm−Frame (Incl. Ref. #33, 35 & 36)	1
35	32148−11	Nut−Clinch	2
36	93−9052	Decal−Danger	3
37	85−8780	Tread−Floor RH	1
38	85−8790	Tread−Floor LH	1
39	3234−7	Screw	5
40	85−9680	Panel−LH	1
41	85−8490	Panel−RH	1
42	98−0902	Panel−Rear RH	1

Ref. No.	Part No.	Description	No. Used
43	93−9050	Decal−Instruction	1
44	98−0965	Asm−Top Panel (Incl. Ref. #36, 43 & 46)	1
46	3290−496	Nut−Panel	4
47	3234−29	Screw−HFH	2
48	93−9053	Decal−Warning	1
49	322−2	Screw−HH	1
50	3274−56	Screw−HSH	1
51	32115−15	Retainer	1
52	3290−199	Speed Nut	1

*Not Illustrated

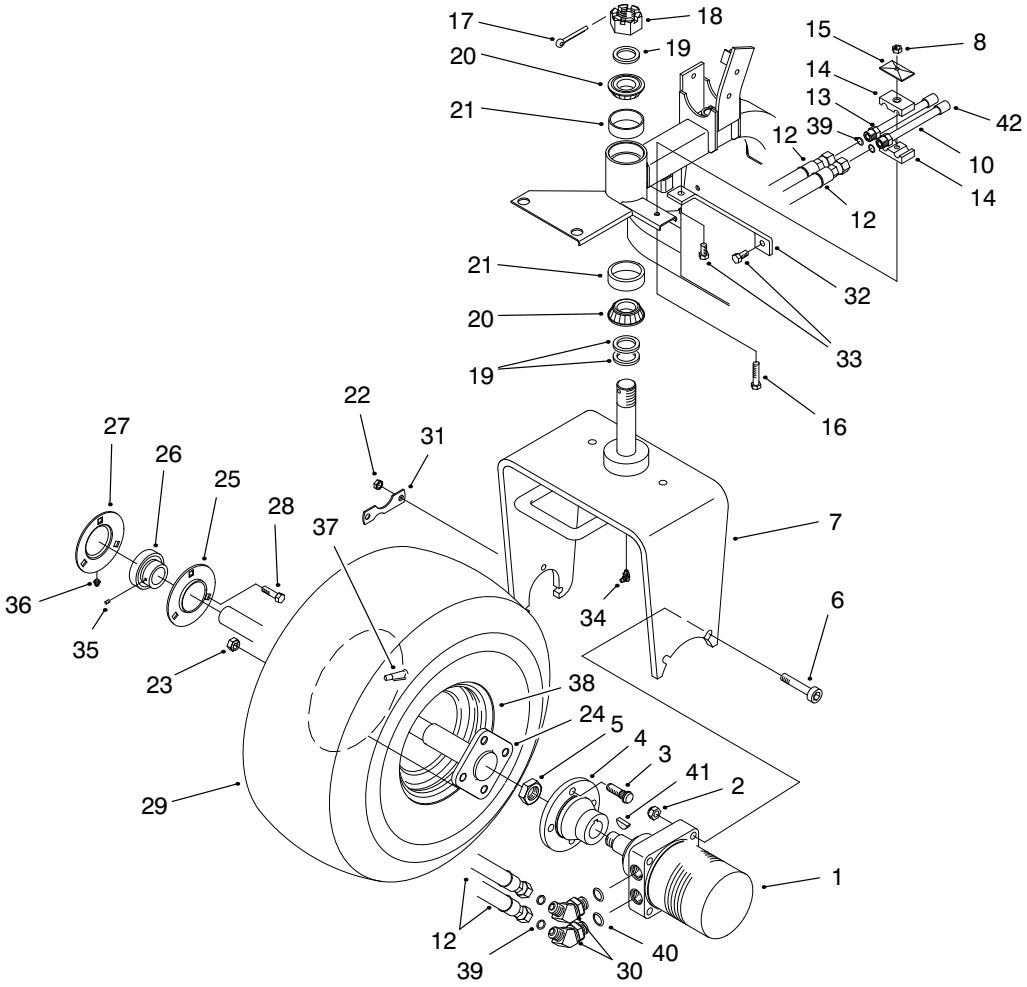


AIR CLEANER & CONTROL PANEL ASM

Ref. No.	Part No.	Description	No. Used
1	83−0020	Starter Switch (Incl. Ref. #2 & 20−21)	1
2	63−8360	Key−Ignition	2
3	32105−13	Screw−HH	4
4	3296−29	Nut−Lock	2
5	3256−23	Washer−Flat	2
6	3296−2	Nut−Lock	4
7	98−0991	Control−Choke/Throttle	2
8	95−5806	Band−Mounting	1
9	93−2190	Asm−Air Cleaner (Incl. Ref. #22−25)	1
10	46−7510	Hood−Air Inlet	1
11	2412−130	Clamp−Hose	2
12	92−8977	Hose−Air Cleaner	1

Ref. No.	Part No.	Description	No. Used
13	237−164	Grommet−Rubber	1
14	322−5	Screw−HH	2
15	66−0120	Knob	2
16	98−0975	Decal−Controls	1
17	98−0984	Decal−Lift	1
18	75−6820	Hourmeter	1
19	93−7442	Decal−Parking Lever	1
20	3254−5	Washer−Lock	1
21	218−461	Nut−Hex.	1
22	94−3652	Asm−Cover	1
23	93−2195	Element−Air Cleaner	1
24	94−1414	Valve−Air Cleaner	1
25	285−17	Plug	1
26	32144−18	Screw−HH	2

*Not Illustrated



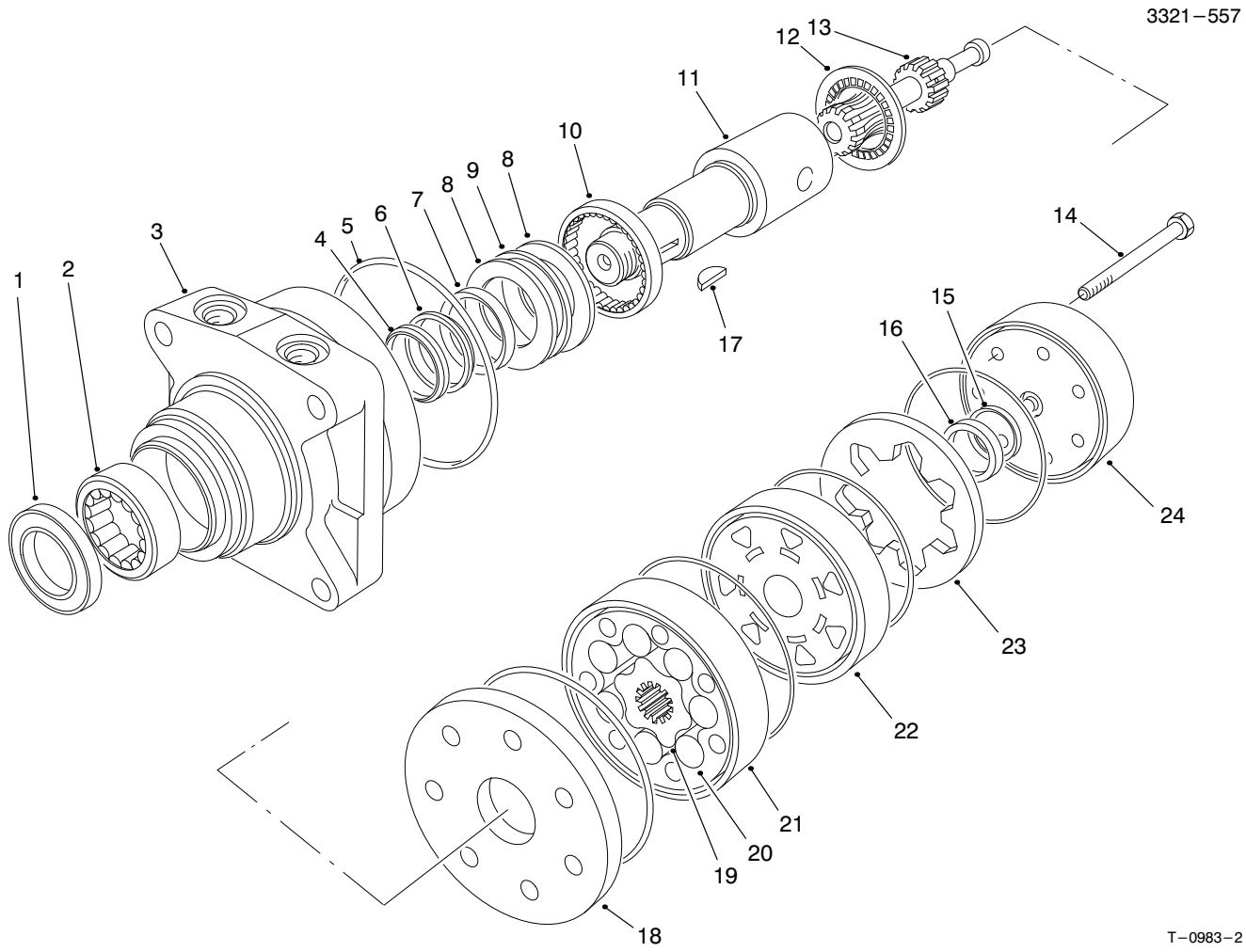
T–2788–2

FRONT WHEEL ASM

Ref. No.	Part No.	Description	No. Used
1	98–0958	Asm–Hydraulic Motor (Incl. Ref. #41)	1
2	3296–23	Nut–Lock	2
3	10–6830	Stud–Drive	4
4	93–6838	Hub–Wheel	1
5	26–3790	Nut–Lock	1
6	3274–93	Screw–HSH	2
7	98–0950	Asm–Fork	1
8	3296–8	Nut–Lock	1
10	98–0932	Asm–Hydraulic Tube (Incl. Ref. #39)	1
12	85–9640	Hose–Hydraulic	2
13	98–0933	Asm–Hydraulic Tube (Incl. Ref. #39)	1
14	56–7976	Clamp–Tube	2
15	69–9760	Plate–Cover	1
16	321–10	Screw–HH	1
17	3272–37	Pin–Cotter	1
18	32136–9	Nut–Hex.	1
19	18–6320	Washer–Steering	3
20	254–70	Bearing–Cone	2
21	254–61	Bearing–Cup	2
22	3296–39	Nut–Lock	3
23	242–50	Nut–Lug	4

Ref. No.	Part No.	Description	No. Used
24	92–8969	Spindle	1
25	85–8950	Flangette	1
26	251–352	Asm–Bearing (Incl. Ref. #35)	1
27	85–8940	Asm–Flangette (Incl. Ref. #36)	1
28	323–29	Screw–HH	3
29	85–8290	Tire	1
*	116973	Tire–Turf (Optional)	2
30	340–89	Fitting–Hydraulic 45° (Incl. Ref. #39 & 40)	2
31	88–8350	Tab–Bearing	1
32	98–0926	Strap	1
33	32104–6	Screw–HH	2
34	302–33	Fitting–Grease	1
35		Screw–Set	2
36	302–5	Fitting–Grease	1
37	232–32	Valve–Stem	1
38	94–6116	Rim	1
39	237–30	O–Ring	4
40	237–80	O–Ring	2
41		Key–Woodruff	1
42	38–3400	Snubber	2

*Not Illustrated

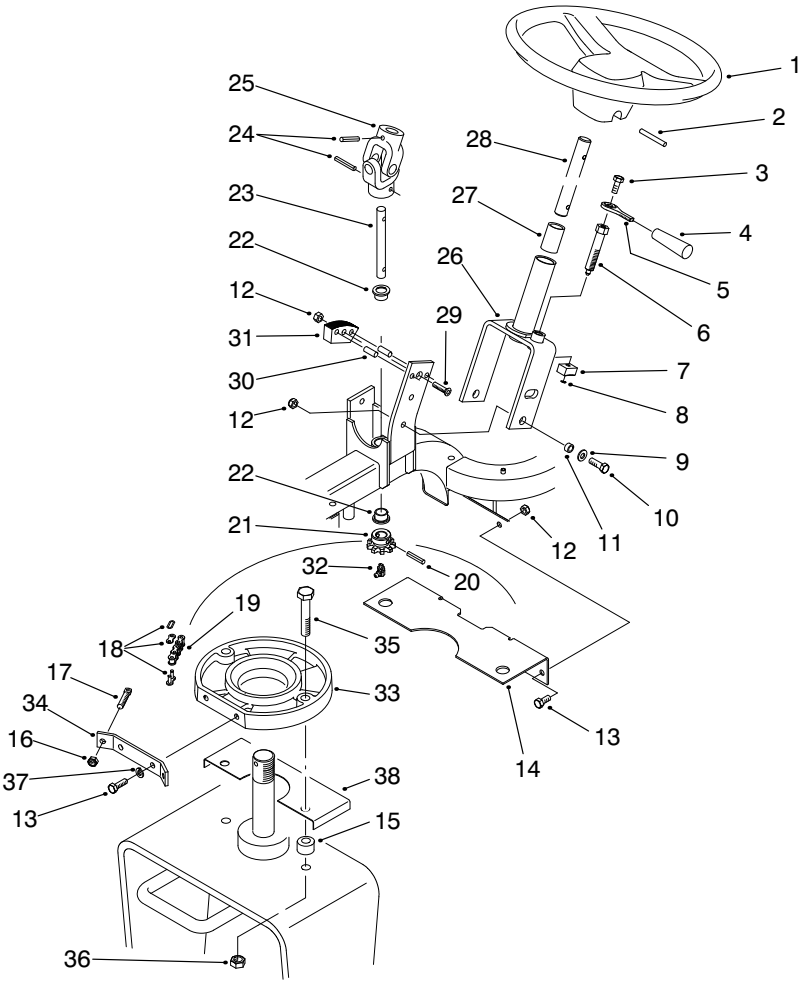


FRONT HYDRAULIC DRIVE MOTOR NO. 98–0958

Ref. No.	Part No.	Description	No. Used
1		Seal–Dirt & Water	1
2		Bearing	1
3		Housing	1
4		Washer–Backup	1
5		Seal–Rings	5
6		Washer–Backup	1
7		Seal–Inner	1
8		Washer–Thrust	2
9		Bearing–Thrust	1
10		Bearing	1
11	76–0860	Shaft–Coupling	1
12	76–0850	Bearing–Thrust	1
13		Link–Drive	1
14		Screw–HH	7
15		Seal–Commutator	1
16		Commutator	1

Ref. No.	Part No.	Description	No. Used
17	3257–42	Key–Woodruff	1
18	76–0870	Plate–Wear	1
19		Rotor	1
20		Vane	7
21		Stator	1
22		Manifold	1
23		Ring–Commutator	1
24	76–0940	Asm–Cover, End	1
*		Rotor Set (Incl. Ref. #19–21)	1
*	76–0880	Asm–Commutator (Incl. Ref. #15, 16 & 23)	1
*	94–8178	Kit–Seal (Incl. Ref. #1, 4–7 & 15)	1
*	76–0810	Asm–Housing (Incl. Ref. #2, 3 & 8–10)	1

*Not Illustrated

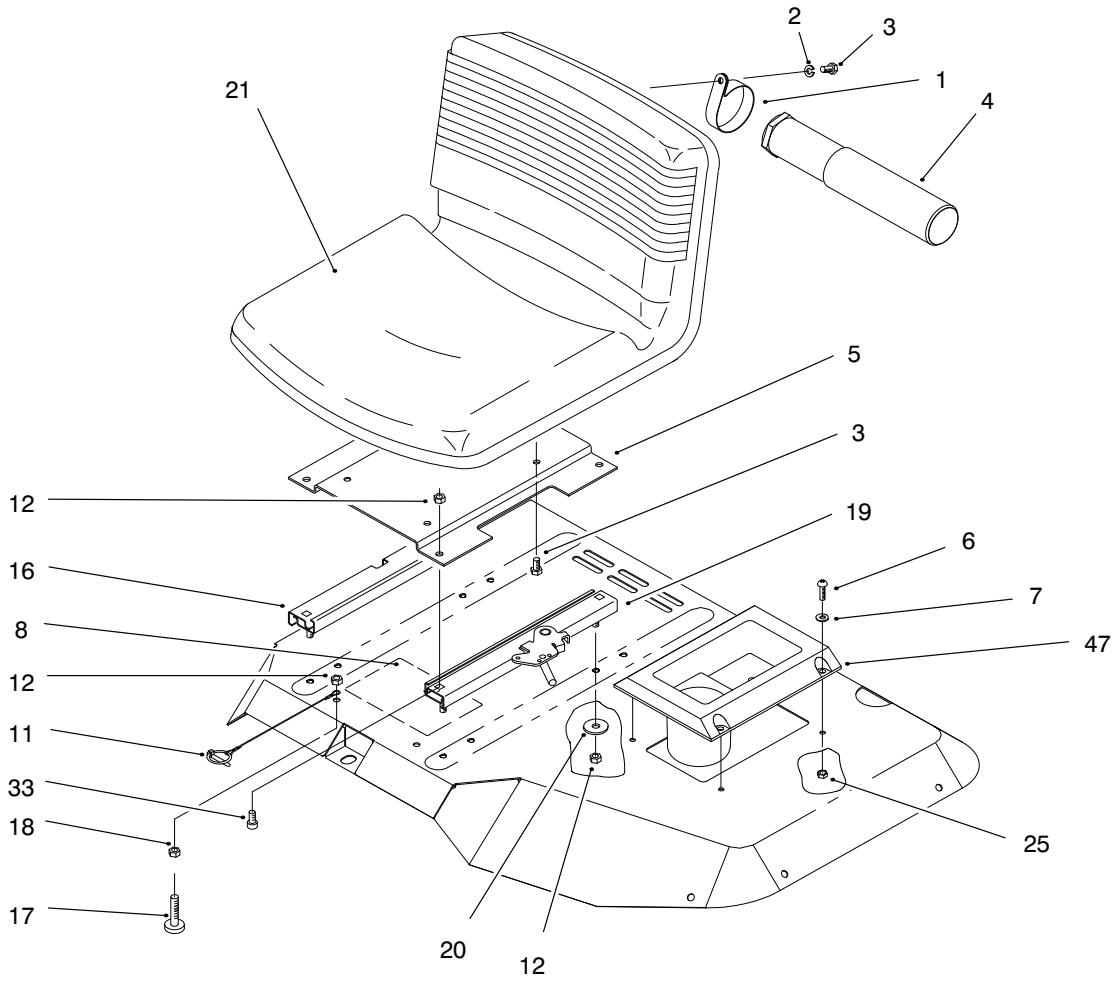


T−2789

STEERING ASM

Ref. No.	Part No.	Description	No. Used
1	76−1420	Wheel−Steering	1
2	32121−111	Pin−Roll	1
3	322−43	Screw−HH	1
4	233−39	Handle	1
5	88−8280	Lever−Steering Adjust	1
6	94−4514	Pin−Tilt Lock	1
7	88−8530	Block−Lock Upper	1
8	94−4513	Ring−Retaining	1
9	3256−23	Washer−Flat	3
10	322−5	Screw−HH	3
11	85−9120	Spacer	3
12	3296−29	Nut−Lock	6
13	322−3	Screw−HH	4
14	98−0983	Bracket−Fuel Tank	1
15	98−0978	Spacer	2
16	3296−4	Nut−Lock	2
17	18−6380	Bolt−Adjustment	2
18	2710−11	Link−Connecting	2
19	85−8030	Chain	1
20	98−0973	Pin−Grooved	1

Ref. No.	Part No.	Description	No. Used
21	85−9180	Sprocket	1
22	65−8770	Bushing−Flange	2
23	98−0928	Shaft−Steering Lower	1
24	32121−15	Pin−Roll	2
25	85−9200	Joint−Universal	1
26	88−8290	Asm−Steering Column (Incl. Ref. #27)	1
27	256−185	Bushing−Sleeve	1
28	85−9220	Shaft−Steering Upper	1
29	3289−24	Screw−HSFH	1
30	88−8510	Dowel	2
31	88−8520	Block−Lock Lower	1
32	302−33	Fitting−Grease	1
33	98−0924	Guide−Chain	1
34	98−0925	Bracket−Chain	1
35	325−11	Screw−HH	2
36	3296−25	Nut−Lock	2
37	3253−4	Washer−Lock	2
38	98−0929	Plate−Chain Stay	1



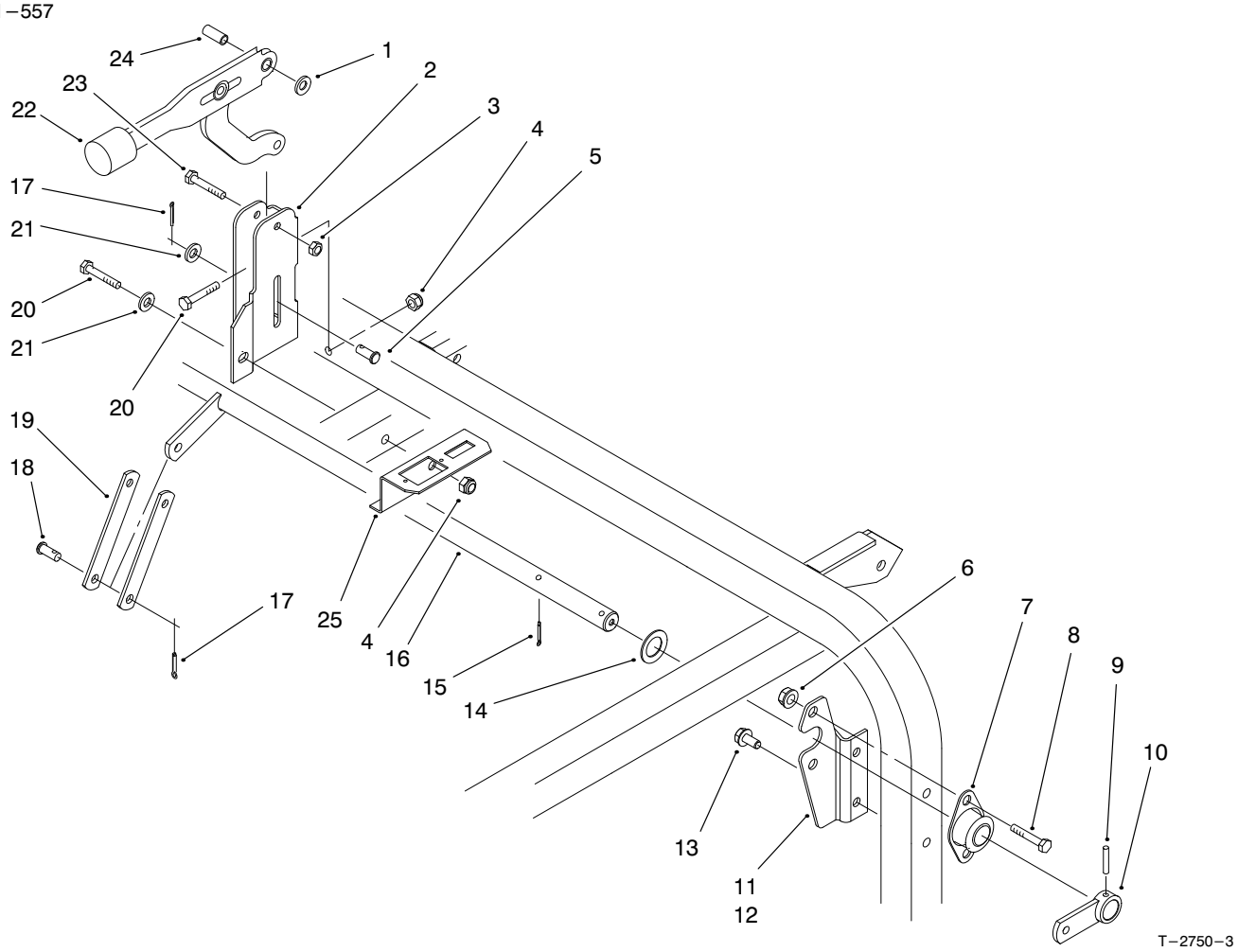
T−2790−1

SEAT ASM

Ref. No.	Part No.	Description	No. Used
1	2412−133	Clamp−R	2
2	3253−4	Washer−Lock	2
3	322−2	Screw−HH	6
4	74−0720	Tube−Manual	1
5	85−9660	Plate−Seat Adjust	1
6	3258−166	Screw−Round Hd.	4
7	3256−1	Washer−Flat	4
8	98−0977	Decal−Service	1
11	98−0979	Pin−Lynch	1
12	3296−29	Nut−Lock	10

Ref. No.	Part No.	Description	No. Used
16	51−0780	Slider−Seat 4”	1
17	32141−36	Level−Screw	2
18	3218−2	Nut−Jam	2
19	51−0790	Slider−Seat	1
20	63−8410	Washer−Flat	4
21	92−8976	Seat	1
25	3296−42	Nut−Lock	4
32	3256−23	Washer−Flat	1
33	3274−12	Screw−HSH	4

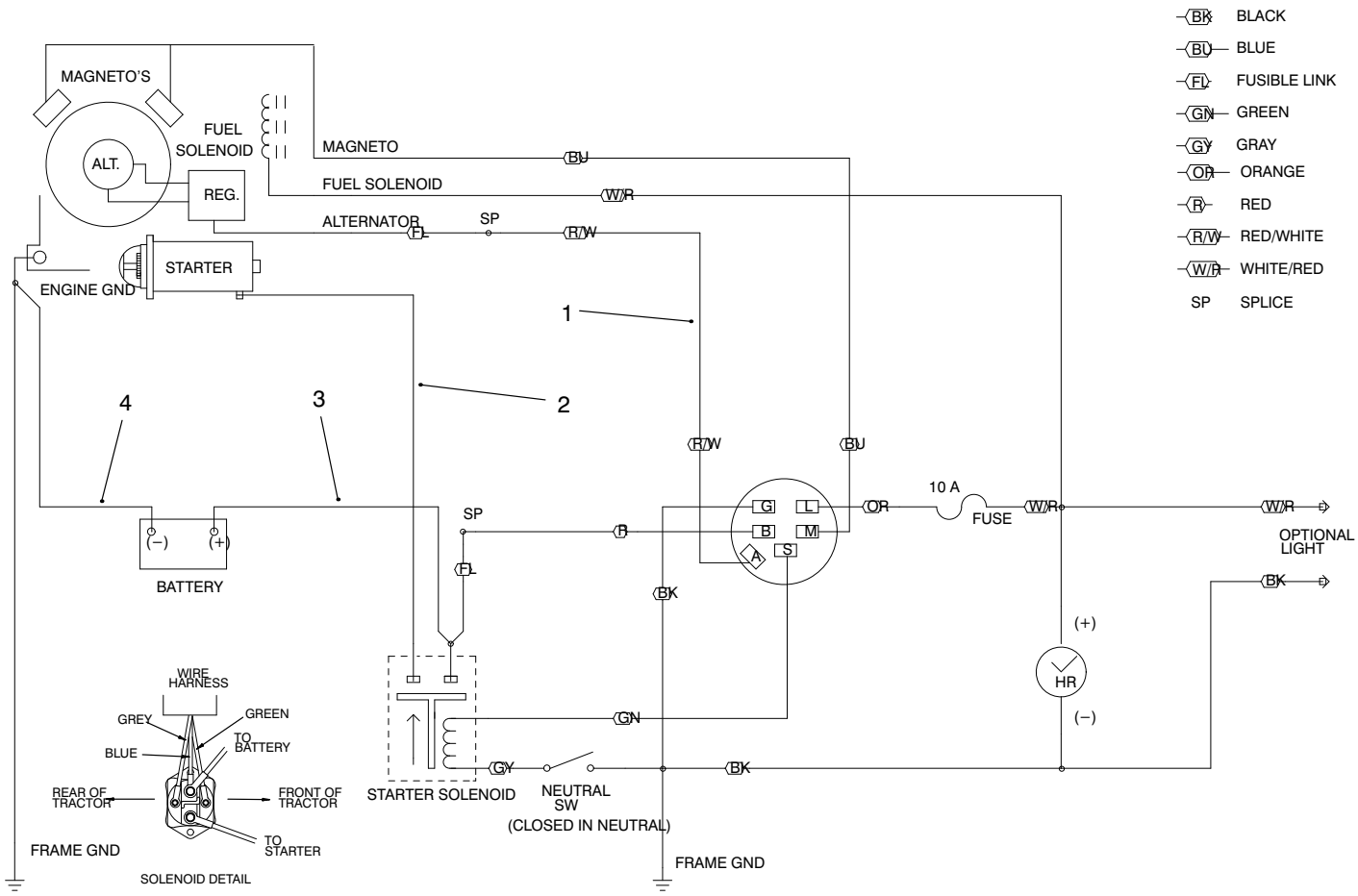
3321−557



PARKING BRAKE ASM

Ref. No.	Part No.	Description	No. Used
1	3290−477	Washer−Curved	1
2	95−5823	Bracket−Lever	1
3	3296−42	Nut−Lock	1
4	3296−29	Nut−Lock	2
5	238−14	Pin−Clevis	1
6	3296−39	Nut−Lock	4
7	27−2320	Bearing−Side Flange	2
8	3234−1	Screw−HFH	4
9	32121−6	Pin−Roll	2
10	83−9310	Arm−Brake	2
11	98−0900	Bracket−Bearing LH	1
12	98−0901	Bracket−Bearing RH	1
13	32144−14	Screw−HWH	4

Ref. No.	Part No.	Description	No. Used
14	67−9410	Washer−Flat	2
15	3272−12	Pin−Cotter	2
16	95−5848	Rod−Traverse	1
17	3272−10	Pin−Cotter	2
18	283−62	Pin−Clevis	1
19	95−5844	Strap	2
20	322−11	Screw−HH	2
21	3256−23	Washer−Flat	2
22	87−2710	Asm−Lever	1
23	321−9	Screw−HH	1
24	87−4710	Spacer−Parking Brake	1
25	98−0922	Bracket−Hourmeter	1

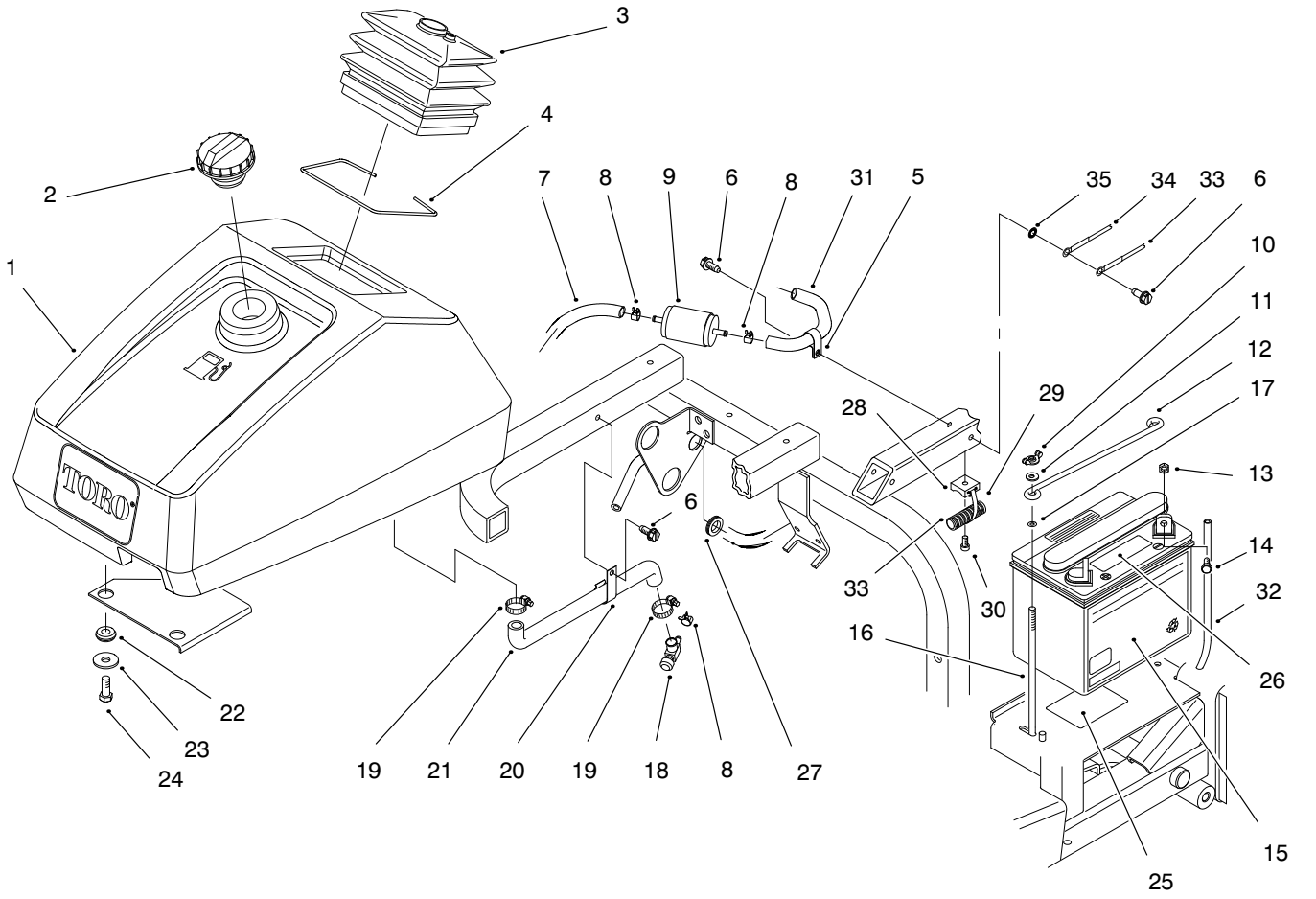


T–2791–2

ELECTRICAL SCHEMATIC

Ref. No.	Part No.	Description	No. Used
1	98–0994	Wire Harness–Main	1
2	80–2110	Cable–Solenoid–Starter	1

Ref. No.	Part No.	Description	No. Used
3	83–2420	Cable–Positive	1
4	88–8330	Cable–Engine Ground	1

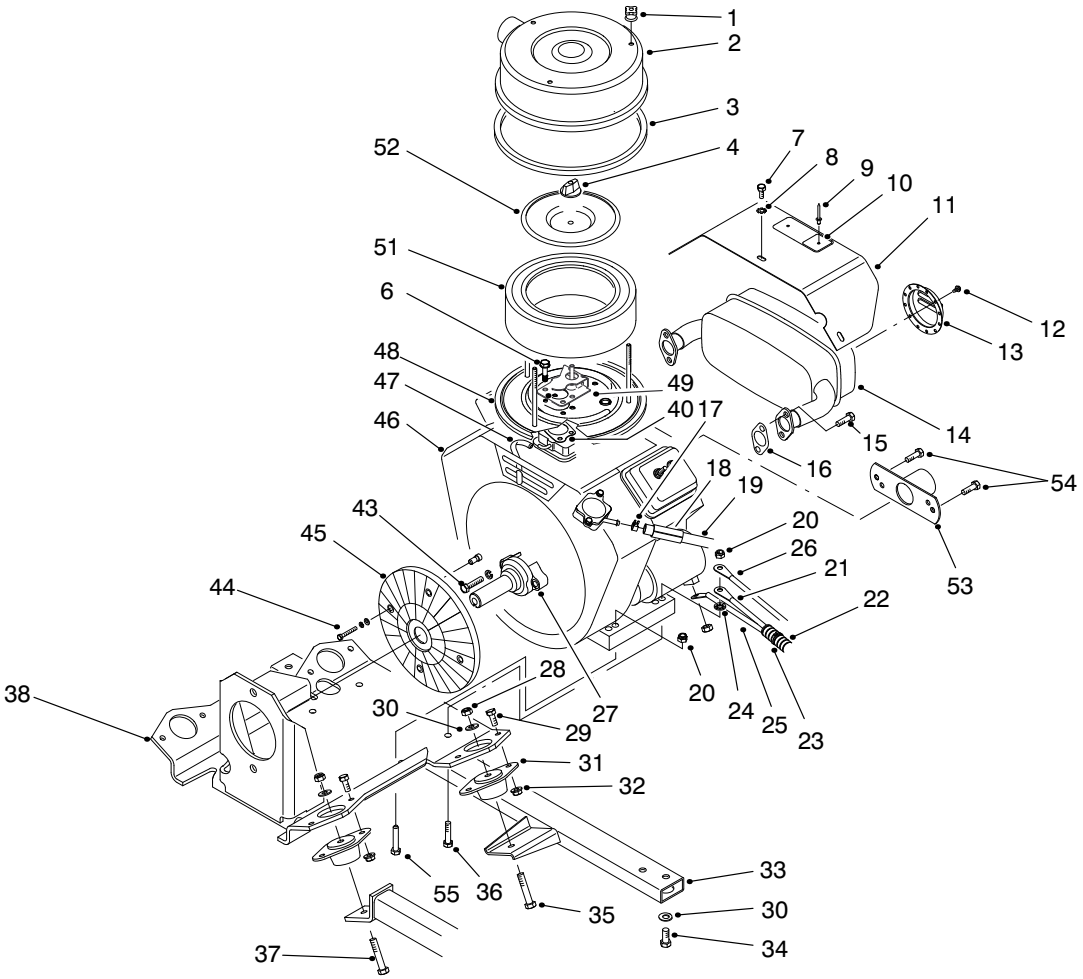


T–2792–2

FUEL TANK & BATTERY ASM

Ref. No.	Part No.	Description	No. Used
1	98–0927	Tank–Fuel	1
2	93–7170	Cap–Fuel	1
3	85–9010	Boot–Steering	1
4	85–8930	Retainer–Boot	1
5	2412–93	Clamp–R	1
6	32144–11	Screw–TAP	3
7	98–0976	Hose–Fuel	1
8	2412–98	Clamp–Hose	3
9	94–2690	Filter–Fuel	1
10	32103–12	Nut–Wing	2
11	3256–22	Washer–Flat	2
12	72–4790	Hold–Down–Battery	1
13	3217–5	Nut–Hex.	2
14	321–3	Screw–HH	2
15	92–1678	Battery (Incl. Ref. #32)	1
16	56–7720	Rod–Battery Hold–Down	2
17	237–143	Grommet	2

Ref. No.	Part No.	Description	No. Used
18	83–1390	Fitting–Fuel Shut–Off	1
19	2412–36	Clamp–Hose	2
20	2412–109	Clip–J	1
21	98–0995	Hose–Fuel	1
22	240–11	Grommet	4
23	63–8410	Washer–Flat	4
24	323–5	Screw–HH	4
25	93–6668	Decal–Battery	1
26	93–7276	Decal–Danger	1
27	237–124	Grommet	1
28	3290–509	Tie–Mount	1
29	3290–378	Tie–Cable	1
30	3274–31	Screw–HH	1
31	47–2964	Hose–Fuel	1
32		Hose–Battery Vent	1
33	98–0994	Wire Harness–Main	1
34	98–0999	Wire–Ground	1
35	3254–2	Washer–Lock	1



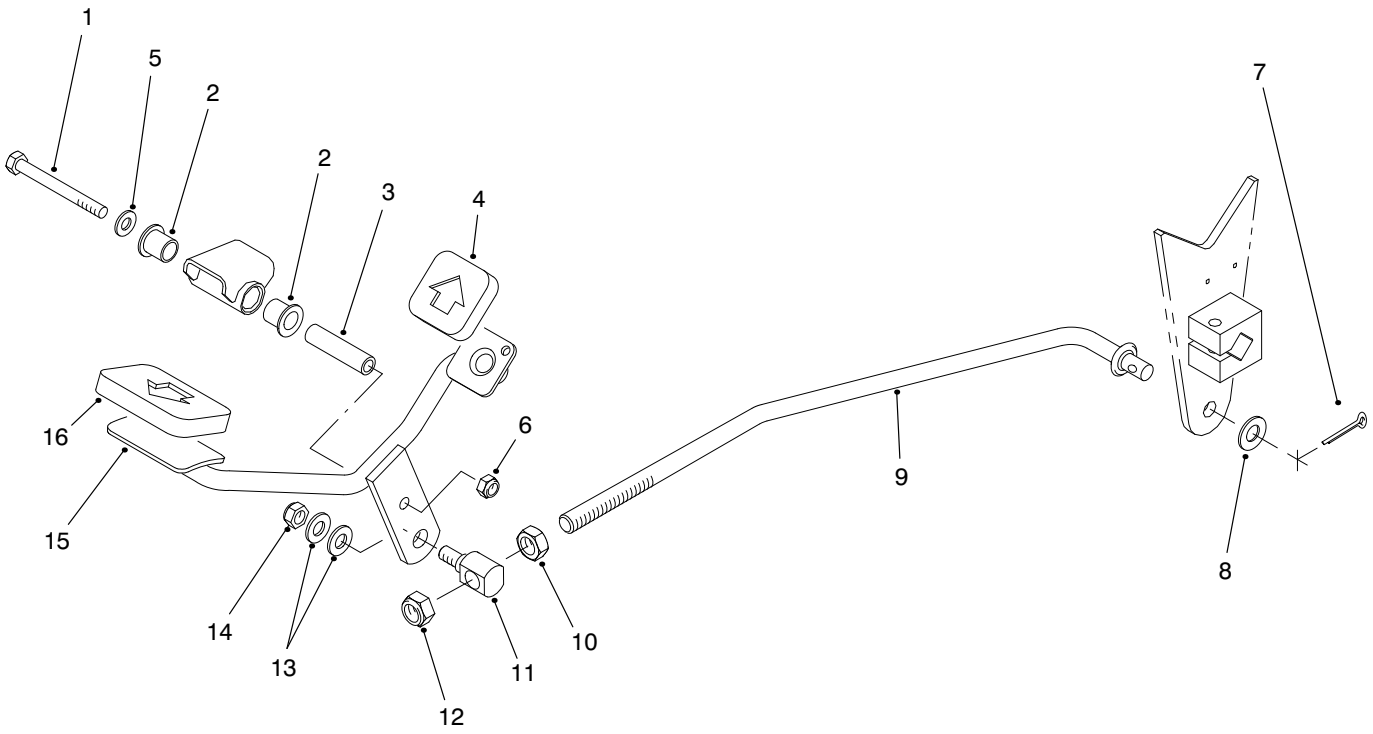
T–1474–4

ENGINE & MUFFLER ASM

Ref. No.	Part No.	Description	No. Used
†1	281051	Knob–Air Cleaner	3
2	98–0953	Cover–Air Cleaner	1
3	85–8360	Seal–Cover	1
†4	491875	Knob–Air Cleaner	1
†6	805317	Screw–HFH	5
7	33113–008	Screw–HH	3
8	3255–7	Washer–ETLW	3
9	3269–32	Rivet–Pop	2
10	95–0645	Plate–Hot Surface	1
11	95–5827	Asm–Muffler Shield (Incl. Ref. #9 & 10)	1
12	83–2230	Screw	4
13	83–2220	Deflector–Exhaust	1
14	98–0960	Muffler	1
†15		Screw	4
†16	805024	Gasket–Exhaust	2
17	2412–98	Clamp–Hose	1
18	38–3400	Guard–Rubber	1
19	47–2964	Hose–Fuel	1
20	3296–29	Nut–Lock	4
21	88–8330	Cable–Negative	1
22	94–4519	Cover–Cable	1
23	3290–378	Tie–Cable	2
24	3254–2	Washer–ITLW	1
25	83–2420	Cable–Positive	1
26	98–0999	Wire–Ground	1
†27	262949	Shaft–Stub	1

Ref. No.	Part No.	Description	No. Used
28	3296–39	Nut–Lock	4
29	322–4	Screw–HH	8
30	3256–24	Washer–Flat	8
31	83–1031	Mount–Engine	4
32	3296–29	Nut–Lock	8
33	85–8600	Support–Engine	1
34	323–5	Screw–HH	4
35	323–10	Screw–HH	2
36	322–10	Screw–HH	2
37	323–11	Screw–HH	2
38	85–8640	Base–Engine	1
†40	805700	Gasket–Carburetor	1
†43	93847	Screw–HH	2
†44	805447	Screw–HH	4
†45	808034	Asm–Screen/Spacer	1
46	98–0930	Asm–Engine	1
47	75–4705	Hose–Fuel	1
48	85–8430	Base–Air Cleaner	1
†49	808311	Shield–Carburetor Inlet	1
†51	272490	Element–Air Cleaner	1
†52	805631	Plate–Element	1
53	95–0632	Cover	1
54	3210–2	Screw–HH	2
*	83–2240	Arrester–Spark (Optional)	1
55	322–8	Screw–HH	2

*Not Illustrated
†Contact your local Briggs & Stratton Dealer for part replacement.

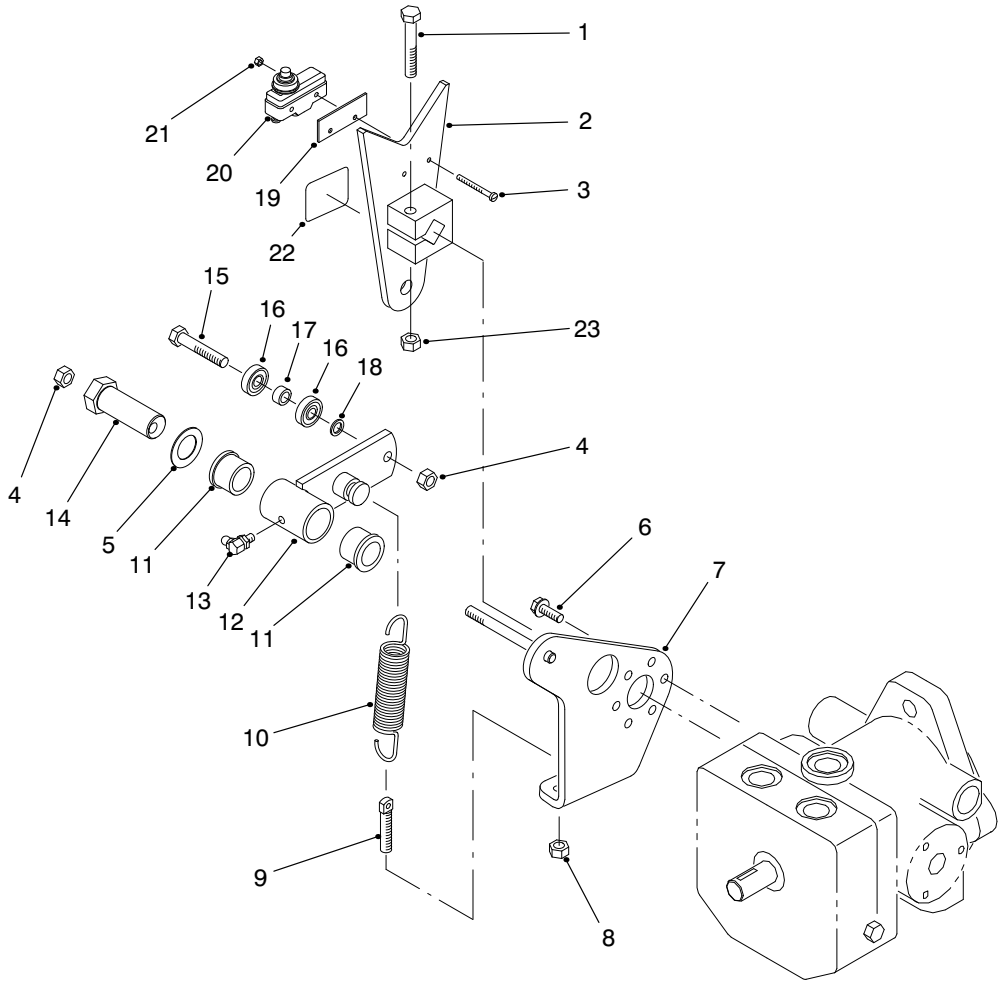


T−1476

TRACTION PEDAL ASM

Ref. No.	Part No.	Description	No. Used
1	322−14	Screw−HH	1
2	256−219	Bushing−Flange	2
3	85−8960	Spacer	1
4	74−9110	Pad−Reverse	1
5	3256−23	Washer−Flat	1
6	3296−29	Nut−Lock	1
7	3272−16	Pin−Cotter	1
8	3256−26	Washer−Flat	1

Ref. No.	Part No.	Description	No. Used
9	85−8450	Rod−Control	1
10	3218−5	Nut−Jam	1
11	92−2344	Trunnion	1
12	3296−23	Nut−Lock	1
13	3256−24	Washer−Flat	2
14	3296−39	Nut−Lock	1
15	92−2343	Asm−Pedal	1
16	74−9100	Pad−Forward	1

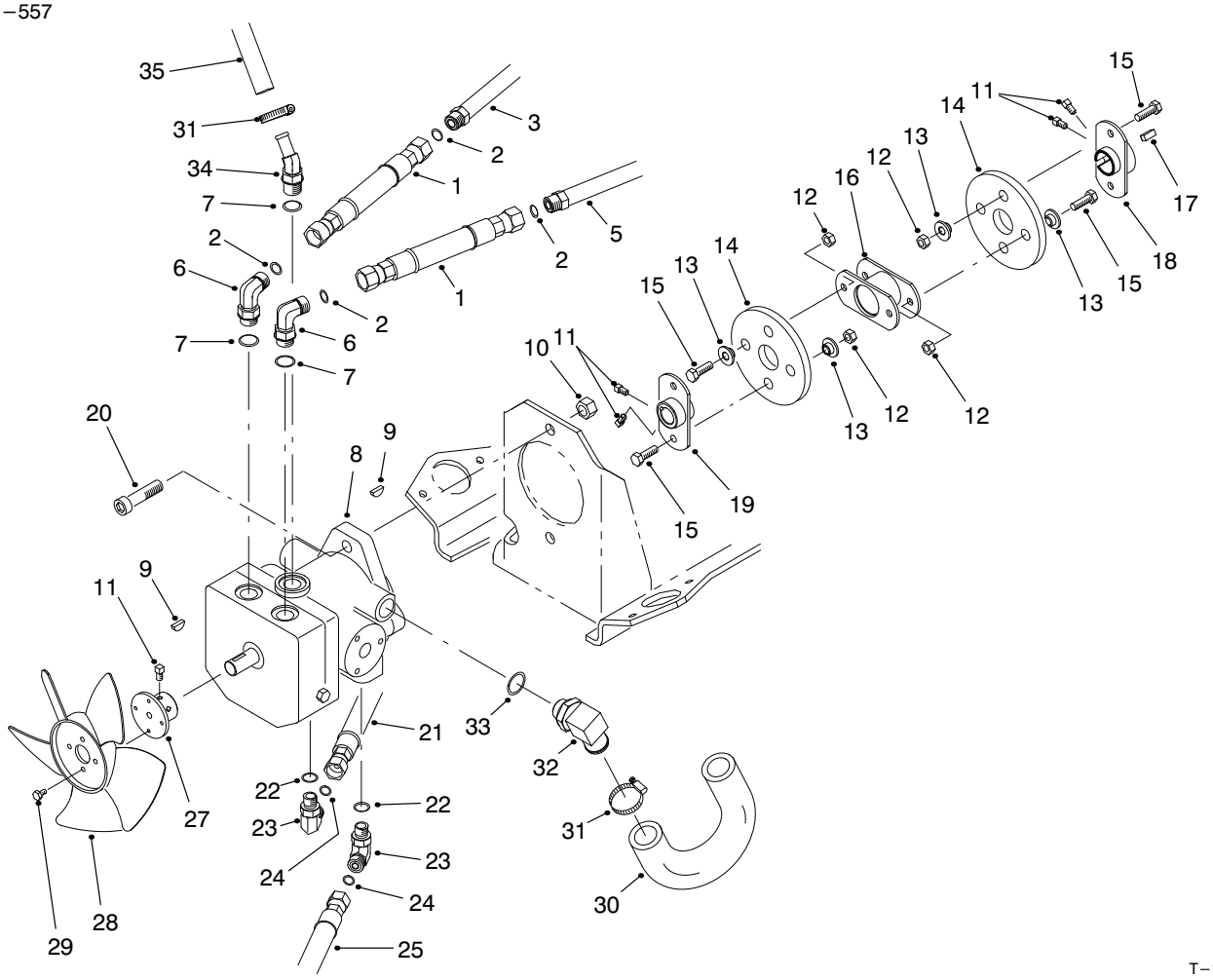


T–1480

PUMP CONTROL LEVER ASM

Ref. No.	Part No.	Description	No. Used
1	323–10	Screw–HH	1
2	85–8300	Lever–Pump	1
3	32105–21	Screw–Machine	2
4	3296–29	Nut–Lock	2
5	3–6498	Washer–Thrust	1
6	49–2040	Screw–HFH	3
7	95–0553	Plate–Pump	1
8	3296–4	Nut–Lock	1
9	18–6380	Pin–Adjusting	1
10	85–9030	Spring–Extension	1
11	256–113	Bushing–Flange	2
12	85–8460	Asm–Switch Arm (Incl. Ref. #11 & 13)	1

Ref. No.	Part No.	Description	No. Used
13	302–60	Fitting–Grease	1
14	76–8640	Stud–Traction	1
15	322–8	Screw–HH	1
16	251–307	Bearing	2
17	85–9120	Spacer	1
18	75–5470	Spacer	1
19	85–9150	Plate–Switch	1
20	29–6163	Switch–Neutral	1
21	3296–9	Nut–Lock	2
22	93–9051	Decal–Eccentric Bolt	1
23	3296–39	Nut–Lock	1

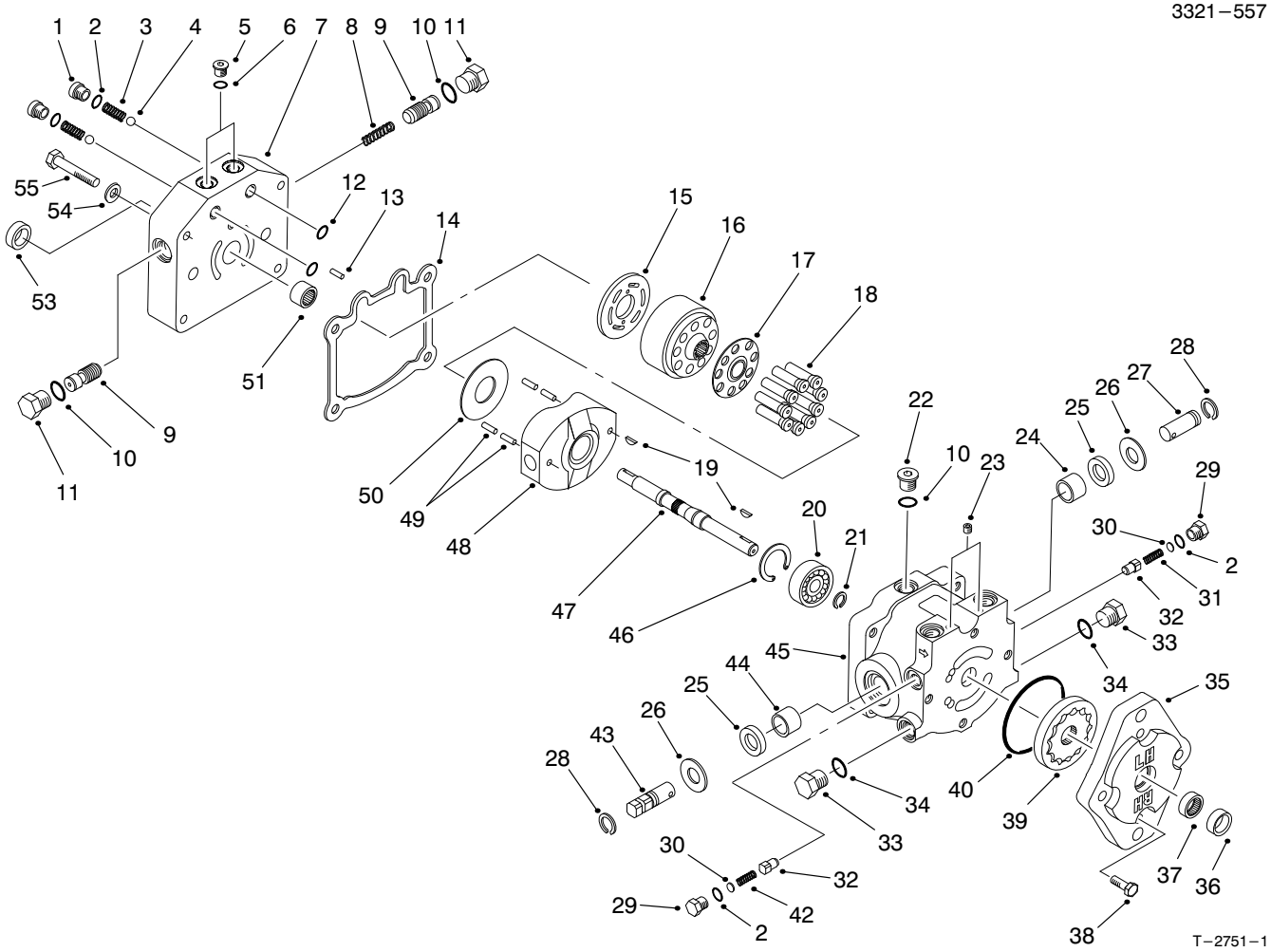


T−1475−4

HYDRAULIC PUMP INSTALLATION ASM

Ref. No.	Part No.	Description	No. Used
1	85−9610	Hose−Hydraulic	2
2	237−30	O−Ring	4
3	98−0933	Asm−Hydraulic Tube (Incl. Ref. #2)	1
5	98−0938	Asm−Hydraulic Tube (Incl. Ref. #2)	1
6	340−98	Fitting−Hydraulic 90˚ (Incl. Ref. #2 & 7)	2
7	237−79	O−Ring	3
8	95−5842	Asm−Hydraulic Pump (Incl. Ref. #9)	1
9	3257−32	Key−Woodruff	2
10	3296−23	Nut−Lock	2
11	3241−5	Screw−Set, Sq. Hd.	6
12	3296−29	Nut−Hex.	8
13	27−6600	Spacer−Coupler	8
14	80−8650	Coupler−Rubber	2
15	322−4	Screw−HH	8
16	85−8770	Coupling	1
17	85−9020	Key−Square	1

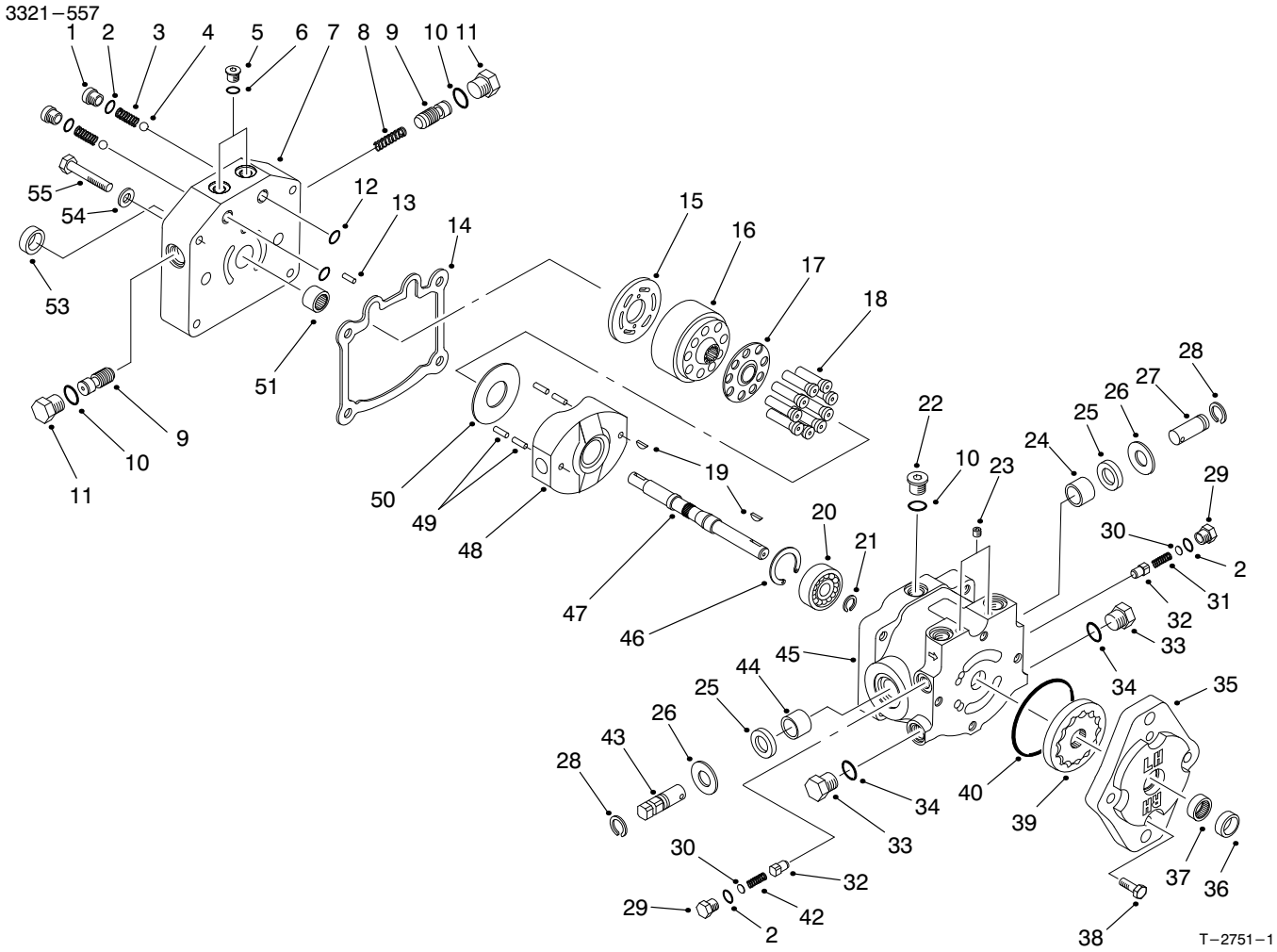
Ref. No.	Part No.	Description	No. Used
18	85−8730	Hub−Engine	1
19	85−8700	Hub−Pump	1
20	3274−5	Screw−HSH	2
21	98−0989	Hose−Hydraulic	1
22	237−42	O−Ring	2
23	340−77	Fitting−Hydraulic 90˚ (Incl. Ref. #22 & 24)	2
24	237−22	O−Ring	2
25	85−9590	Hose−Hydraulic	1
27	85−8670	Hub−Fan	1
28	85−9560	Fan	1
29	32144−73	Screw−HH	4
30	98−0969	Hose−Hydraulic	1
31	2412−129	Clamp−Hose	2
32	95−0629	Fitting−Hydraulic 90˚ (Incl. Ref. #33)	1
33	237−80	O−Ring	1
34	354−126	Fitting−Hydraulic 45˚ (Incl. Ref. #7)	1
35	85−9450	Hose−Hydraulic	1



HYDRAULIC PUMP ASM NO. 95–5842

Ref. No.	Part No.	Description	No. Used
1	25–2650	Plug	2
2	237–86	O–Ring	4
3	25–2640	Spring	2
4	25–2490	Ball	2
5	92–8776	Plug (Incl. Ref. #6)	2
6	92–8777	O–Ring	2
7	95–5808	Cap–End	1
8	95–5815	Spring–Valve, Acceleration	1
9	98–0920	Valve–Acceleration	2
10	237–79	O–Ring	3
11	95–5816	Plug (Incl. Ref. #10)	2
12	237–30	O–Ring	2
13	25–2430	Pin	1
14	25–2400	Gasket–Cap, End	1
15	88–8160	Plate–Valve	1
16	25–2600	Kit–Cylinder Block (Incl. Ref. #17–18)	1
17		Retainer–Slipper	1
18		Asm–Piston	9
19	3257–32	Key–Woodruff	2
20	95–5809	Ball Bearing	1
21	95–5813	Ring–Retaining	1
22	353–988	Plug (Incl. Ref. #10)	1

Ref. No.	Part No.	Description	No. Used
23	285–17	Plug–Pipe	2
24	88–8190	Bearing–Journal	1
25	25–3210	Seal–Lip	2
26	25–2510	Washer	2
27	88–8180	Shaft–Trunnion	1
28	32151–46	Ring–Retaining	2
29	25–2460	Plug (Incl. Ref. #2)	2
30	25–2470	Kit–Shim	2
31	25–2570	Spring	1
32	83–7260	Cone–Charge Relief	2
33	88–8210	Plug (Incl. Ref. #34)	2
34	237–80	O–Ring	2
35	25–2690	Housing–Pump, Charge	1
36	67–8060	Seal–Lip	1
37	67–8050	Bearing–Needle	1
38	322–4	Screw–HH	4
39	95–5812	Asm–Gerotor	1
40	237–95	O–Ring	1
42	25–2480	Spring	1
43	25–2500	Shaft–Trunnion	1
44	252–82	Bearing–Needle	1
45	88–8170	Asm–Housing, Variable (Incl. Ref. #24, 25, & 44)	1
46	32120–11	Ring–Retaining	1

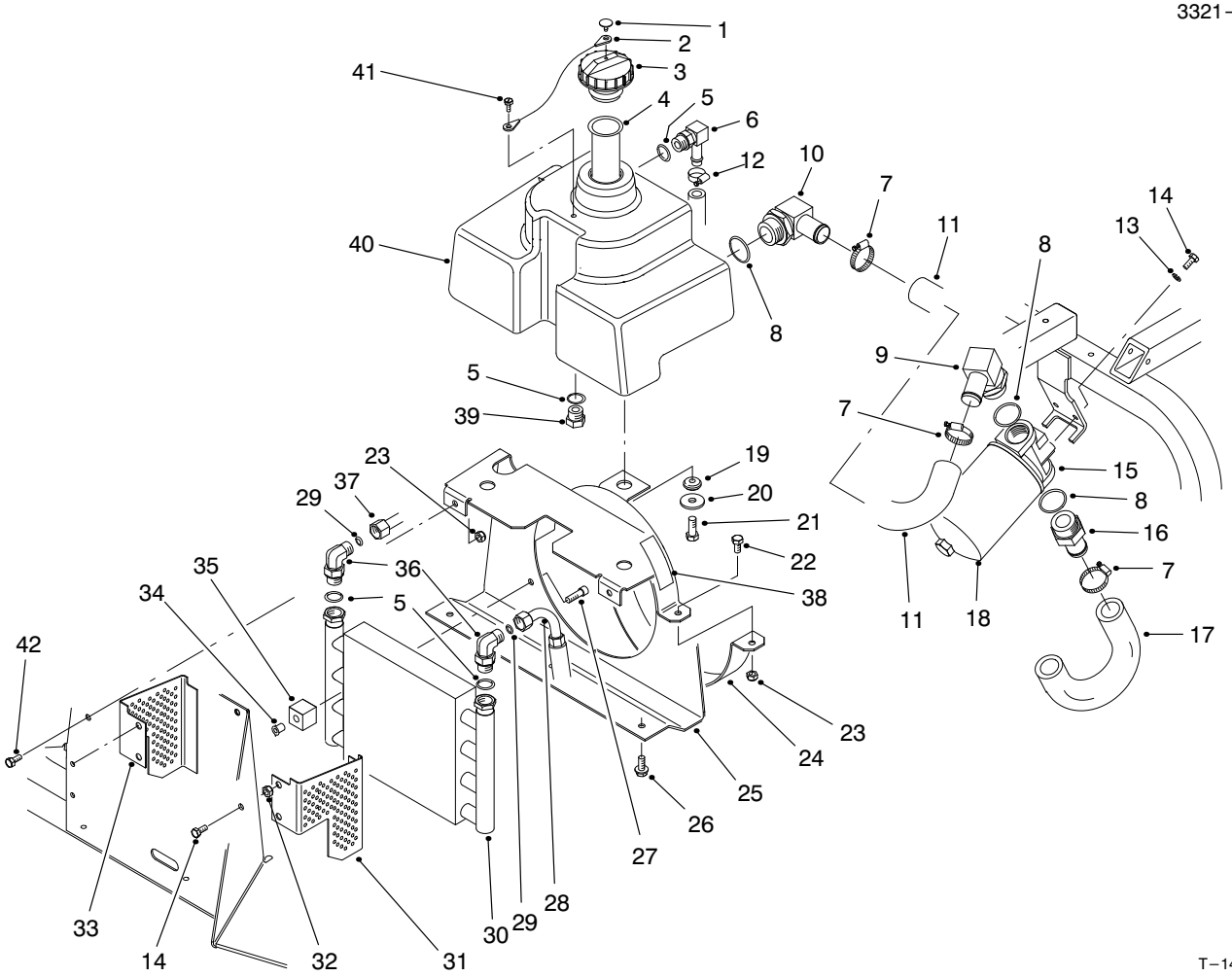


HYDRAULIC PUMP ASM NO. 95−5842 (Continued)

Ref. No.	Part No.	Description	No. Used
47	95−5810	Shaft	1
48	25−2450	Swashplate	1
49	32121−91	Pin−Spring	4
50	25−2380	Plate−Thrust	1
51	46−8400	Bearing−Roller	1
53	88−8230	Seal−Lip	1
54		Washer	1

Ref. No.	Part No.	Description	No. Used
55	323−45	Screw−HH	4
*	25−3180	Kit−Valve, Check (Incl. Ref. #1−4)	1
*	49−8520	Kit−Implement Relief (Incl. Ref. #2 & 29−32)	1
*	49−8510	Kit−Relief, Charge (Incl. Ref. #2, 29−30 & 41−42)	1

*Not Illustrated

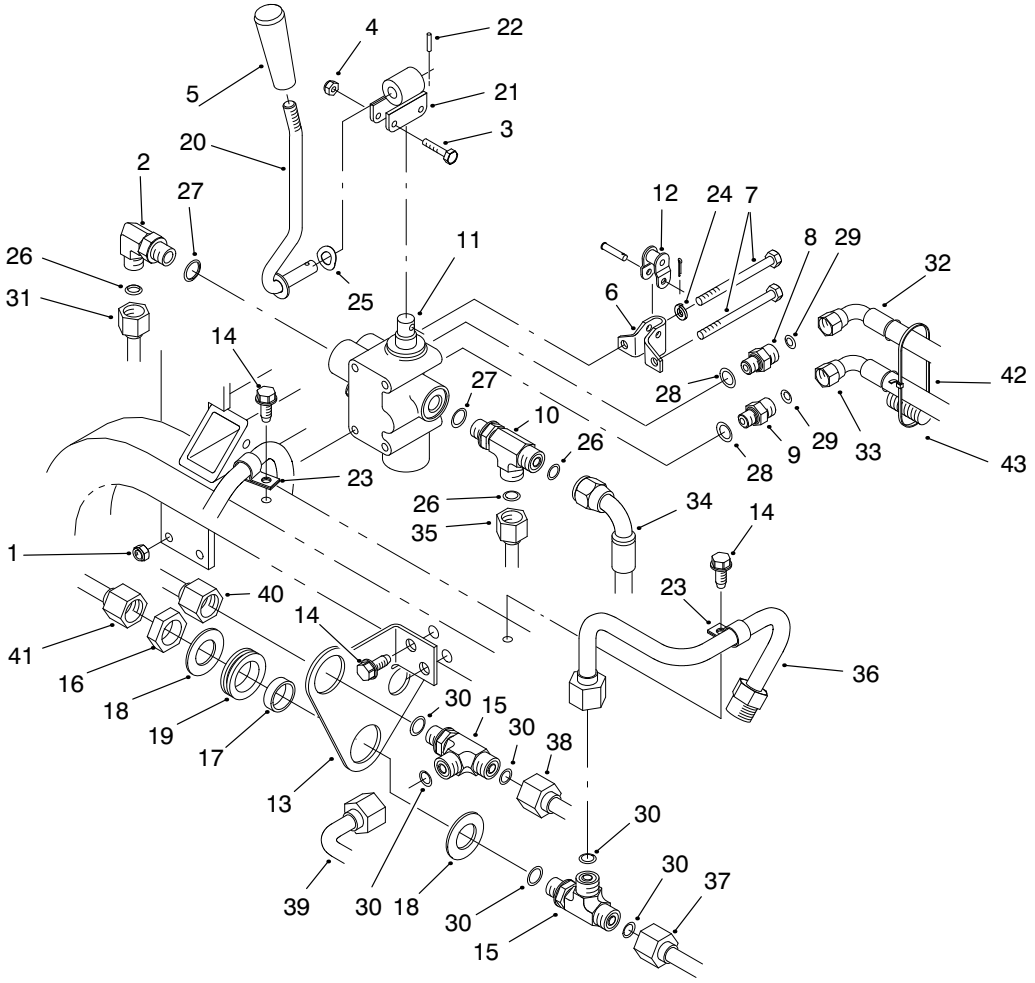


T–1473–4

HYDRAULIC RESERVOIR ASM

Ref. No.	Part No.	Description	No. Used
1	2410–73	Retainer–Teather	1
2	75–0540	Teather	1
3	93–4365	Asm–Reservoir Cap (Incl. Ref. #1 & 2)	1
4	85–9510	Screen–Filler	1
5	237–79	O–Ring	4
6	354–120	Fitting–Hydraulic 90° (Incl. Ref. #5)	1
7	2412–129	Clamp–Hose	3
8	237–146	O–Ring	3
9	353–987	Fitting–Hydraulic 90° (Incl. Ref. #8)	1
10	98–0971	Fitting–Hydraulic 90° (Incl. Ref. #8)	1
11	98–0970	Hose–Hydraulic	1
12	2412–36	Clamp–Hose	1
13	3253–3	Washer–Lock	2
14	321–4	Screw–HH	6
15	68–8990	Asm–Hydraulic Filter Head	1
16	354–73	Fitting–Hydraulic Straight (Incl. Ref. #8)	1
17	98–0969	Hose–Hydraulic	1
18	23–9740	Element–Hydraulic Filter	1
19	240–11	Grommet	3
20	63–8410	Washer–Flat	3
21	323–5	Screw–HH	3

Ref. No.	Part No.	Description	No. Used
22	322–2	Screw–HH	2
23	3296–29	Nut–Lock	4
24	85–8570	Shroud–Lower	1
25	98–8151	Asm–Cooler Mount (Incl. Ref. #38)	1
26	32144–11	Screw–HWHTF	3
27	3274–86	Screw–HSH	2
28	85–9590	Hose–Hydraulic	1
29	237–22	O–Ring	2
30	85–9460	Cooler–Oil	1
31	88–8120	Asm–Screen, L.H. (Incl. Ref. #32)	1
32	32148–6	Nut–Clinch	4
33	88–8110	Asm–Screen, R.H. (Incl. Ref. #32)	1
34	85–9670	Nut–T	2
35	85–9550	Clamp–Rubber	2
36	340–18	Fitting–Hydraulic 90° (Incl. Ref. #5 & 29)	2
37	98–0987	Tube–Hydraulic	1
38	93–7272	Decal–Caution	2
39	353–550	Plug–Hydraulic (Incl. Ref. #5)	1
40	92–8959	Reservoir–Hydraulic	1
41	57–5420	Screw–Shoulder	1
42	322–3	Screw–HH	2

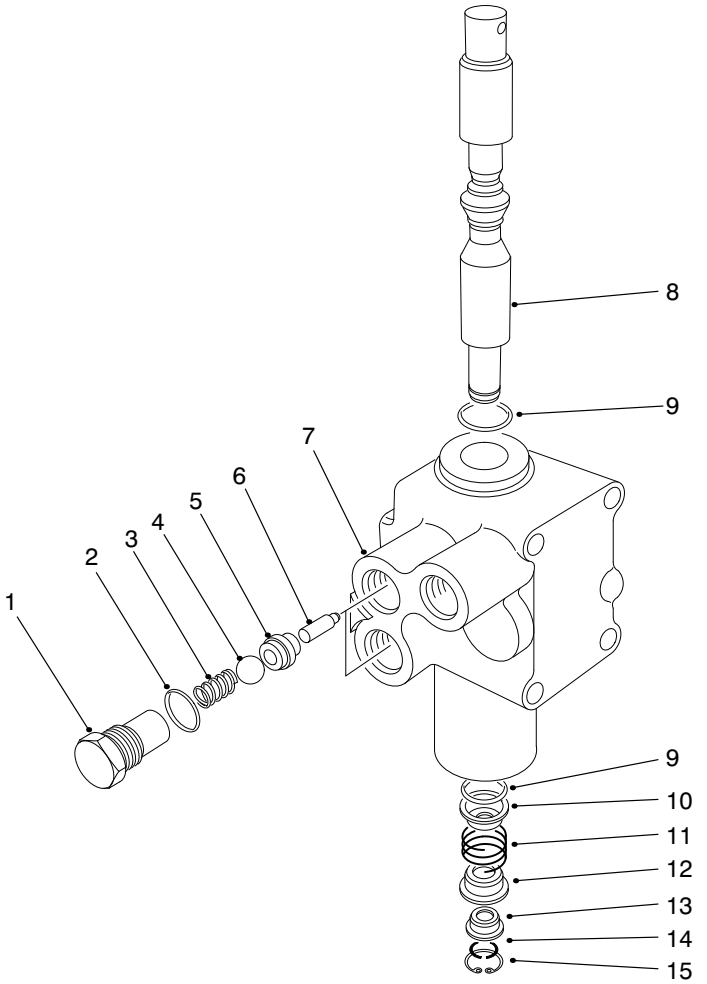


T−2793−3

HYDRAULIC PLUMBING ASM

Ref. No.	Part No.	Description	No. Used
1	3296−8	Nut−Lock	3
2	340−77	Fitting−Hydraulic 90° (Incl. Ref. #26 & 27)	1
3	3290−360	Screw−HH	2
4	3296−2	Nut−Lock	2
5	233−39	Knob−Lever	1
6	88−8480	Bracket−Pivot	1
7	321−23	Screw−HH	4
8	95−9720	Fitting−Hydraulic Orificed (Incl. Ref. #28 & 29)	1
9	340−92	Fitting−Hydraulic Straight (Incl. Ref. #28 & 29)	1
10	340−86	Fitting−Hydraulic Tee (Incl. Ref. #26 & 27)	1
11	43−1710	Asm−Valve	1
12	2710−20	Link−Offset	1
13	98−0963	Bracket−Bulkhead	1
14	32144−11	Screw−HWHTF	4
15	340−121	Fitting−Hydraulic Tee (Incl. Ref. #30)	2
16	340−127	Nut−Bulkhead	2
17	69−8960	Spacer	2
18	69−8930	Washer	4
19	240−5	Grommet	2

Ref. No.	Part No.	Description	No. Used
20	99−1632	Lever−Lift	1
21	98−8159	Pivot−Welded	1
22	32121−73	Pin−Spring	1
23	2412−138	Clamp−R	2
24	3253−3	Washer−Lock	1
25	3290−477	Washer−Curved	1
26	237−22	O−Ring	3
27	237−42	O−Ring	2
28	237−78	O−Ring	2
29	237−21	O−Ring	2
30	237−30	O−Ring	6
31	98−0987	Tube−Hydraulic	1
32	85−9580	Hose−Hydraulic	1
33	85−9570	Hose−Hydraulic	1
34	98−0989	Hose−Hydraulic	1
35	98−0988	Tube−Hydraulic	1
36	98−0938	Tube−Hydraulic	1
37	98−0937	Tube−Hydraulic	1
38	98−0936	Tube−Hydraulic	1
39	98−0932	Tube−Hydraulic	1
40	98−0935	Tube−Hydraulic	1
41	98−0934	Tube−Hydraulic	1
42	3290−378	Tie−Cable	1
43	98−0994	Harness−Wire	1



T–0428

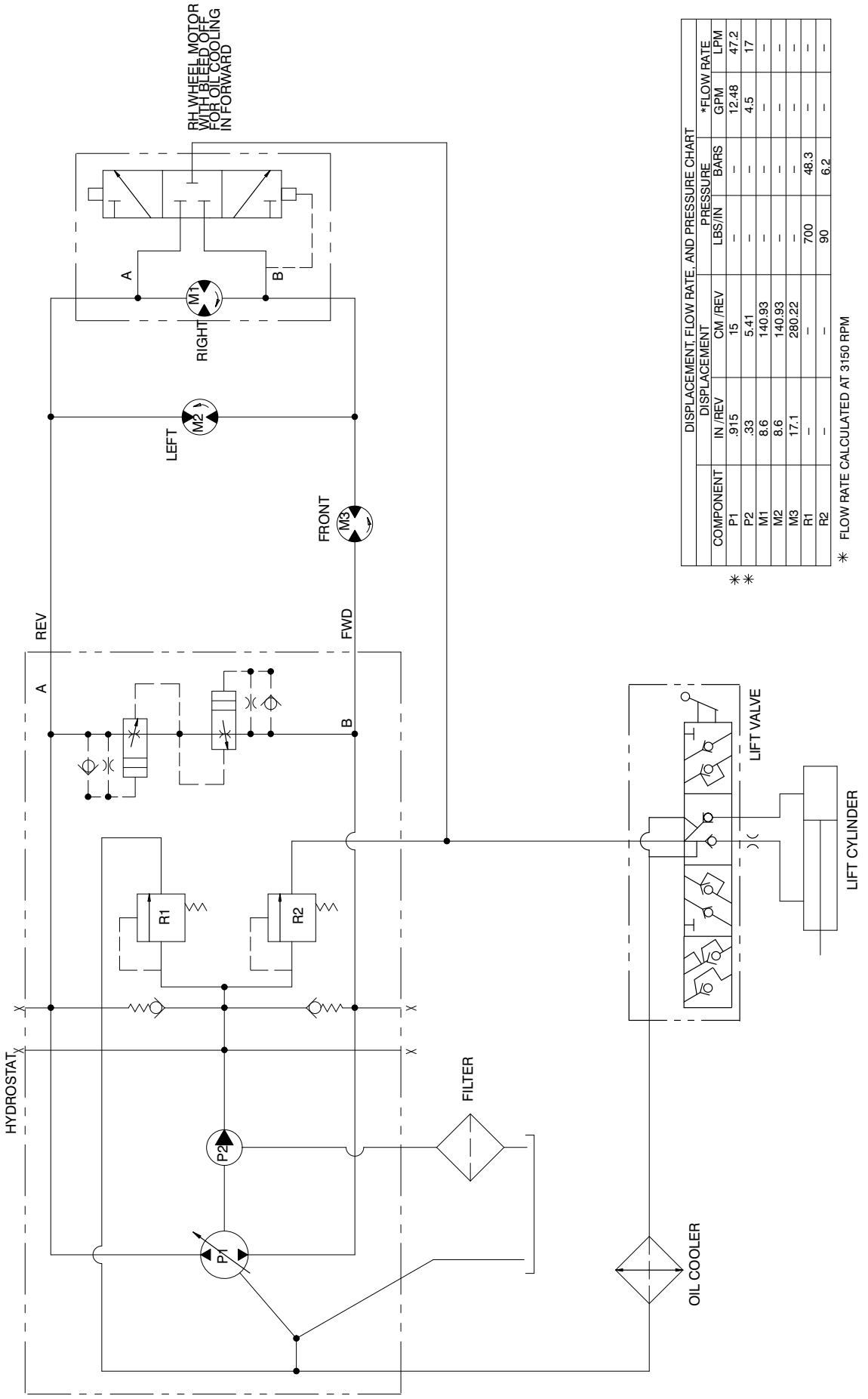
CONTROL VALVE ASM NO. 43–1710

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

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

†Not Serviced Separately

HYDRAULIC SCHEMATIC



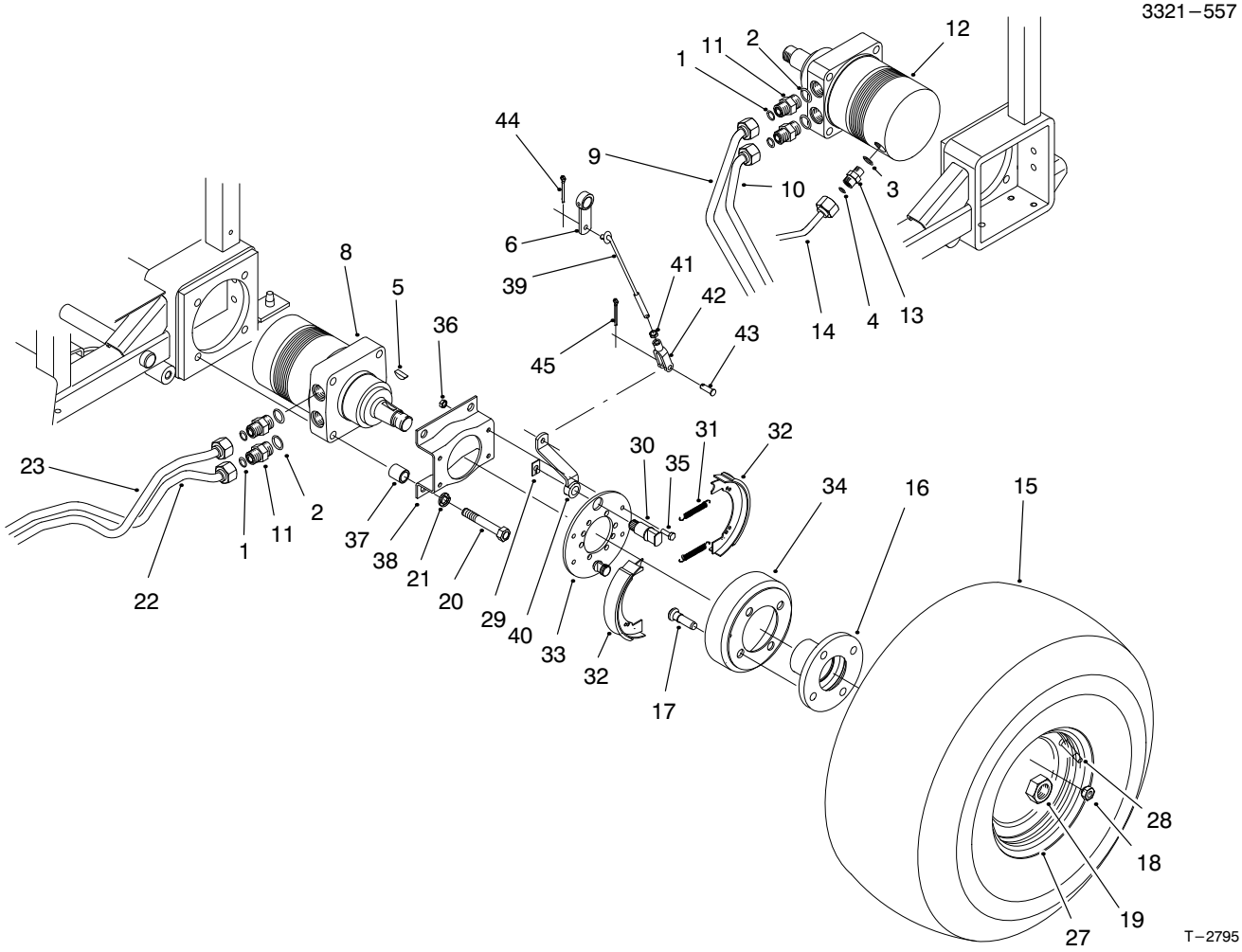
DISPLACEMENT, FLOW RATE, AND PRESSURE CHART

COMPONENT	DISPLACEMENT IN /REV	DISPLACEMENT CM /REV	PRESSURE LBS/IN	PRESSURE BARS	*FLOW RATE GPM	*FLOW RATE LPM
P1	.915	15	–	–	12.48	47.2
P2	.33	5.41	–	–	4.5	17
M1	8.6	140.93	–	–	–	–
M2	8.6	140.93	–	–	–	–
M3	17.1	280.22	–	–	–	–
R1	–	–	700	48.3	–	–
R2	–	–	90	6.2	–	–

**

* FLOW RATE CALCULATED AT 3150 RPM

T–2794–2

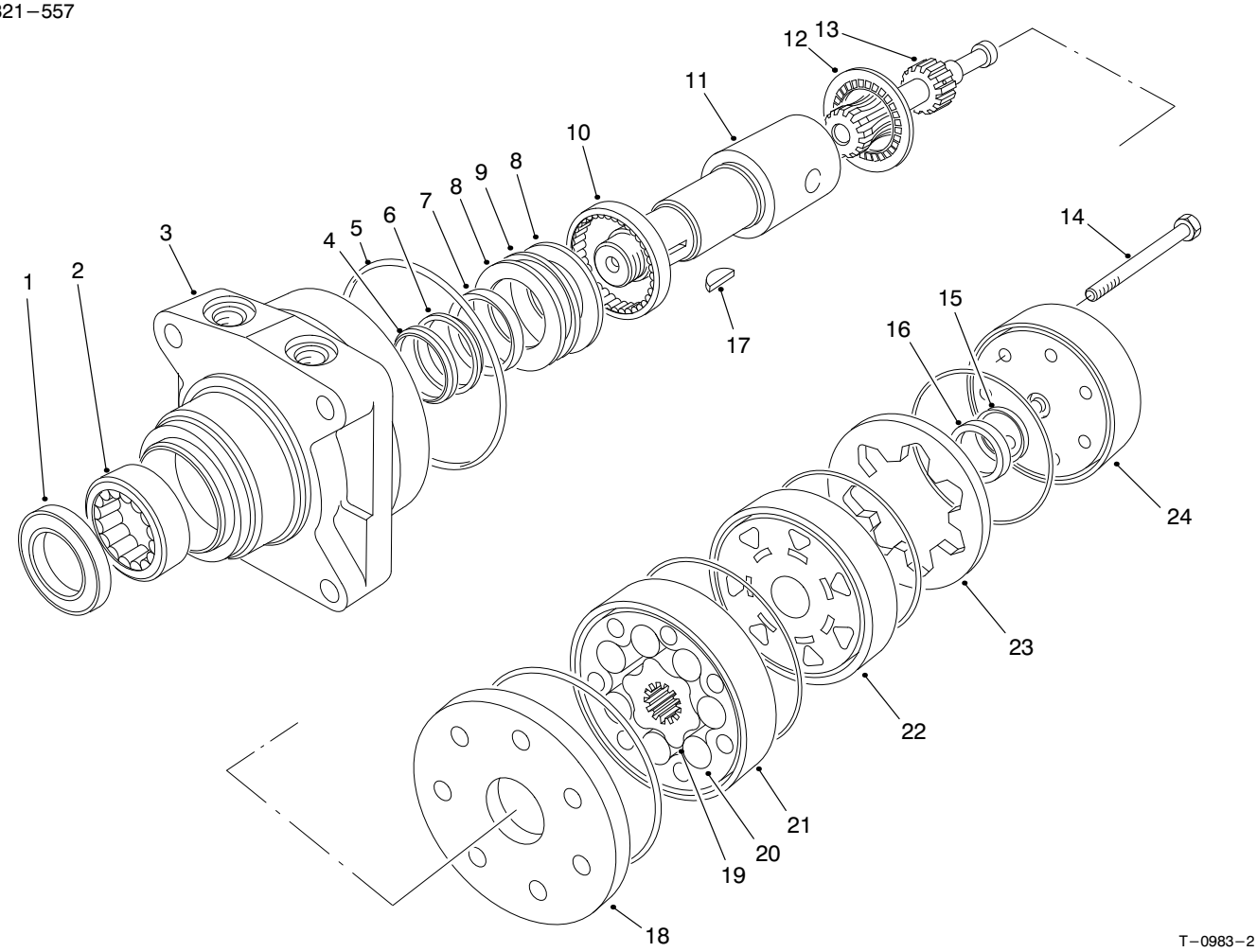


REAR WHEEL ASM

Ref. No.	Part No.	Description	No. Used
1	237–30	O–Ring	4
2	237–80	O–Ring	4
3	237–42	O–Ring	1
4	237–22	O–Ring	1
5	3257–42	Key–Woodruff	1
6	83–9310	Lever–Brake	2
8	97–3055	Asm–Hydraulic Motor (Incl. Ref. #5)	1
9	98–0934	Asm–Hydraulic Tube	1
10	98–0935	Asm–Hydraulic Tube	1
11	340–6	Fitting–Hydraulic Straight (Incl. Ref. #1 & 2)	4
12	98–0959	Asm–Hydraulic Motor (Incl. Ref. #5)	1
13	340–2	Fitting–Hydraulic Straight (Incl. Ref. #3 & 4)	1
14	98–0988	Asm–Hydraulic Tube	1
15	85–8290	Tire	2
*	116973	Tire–Turf (Optional)	2
16	93–6838	Hub–Wheel	2
17	85–6540	Stud–Drive	8
18	242–50	Nut–Lug	8
19	26–3790	Nut–Lock	2
20	325–13	Screw–HH	8

Ref. No.	Part No.	Description	No. Used
21	3253–7	Washer–Lock	8
22	98–0937	Asm–Hydraulic Tube	1
23	98–0936	Asm–Hydraulic Tube	1
27	94–6116	Rim	2
28	232–35	Valve–Stem	2
29	32120–47	Retainer	2
30	70–9860	Shaft–Cam	2
31	70–9880	Spring–Extension	4
32	70–9840	Shoe–Brake	4
33	70–9870	Plate–Brake Backing	2
34	10–6850	Drum–Brake	2
35	321–4	Screw–HH	8
36	3296–42	Nut–Lock	8
37	92–1715	Spacer	8
38	84–2000	Bracket–Brake	2
39	95–5824	Rod–Adjustment	2
40	93–6850	Lever–Brake	2
41	3220–2	Nut–Jam	2
42	282–2	Clevis–Adjustment	2
43	283–1	Pin–Clevis	2
44	3272–6	Pin–Cotter	2
45	3272–10	Pin–Cotter	2
*	71–1500	Asm–Brake (Incl. Ref. #29–33)	2

*Not Illustrated

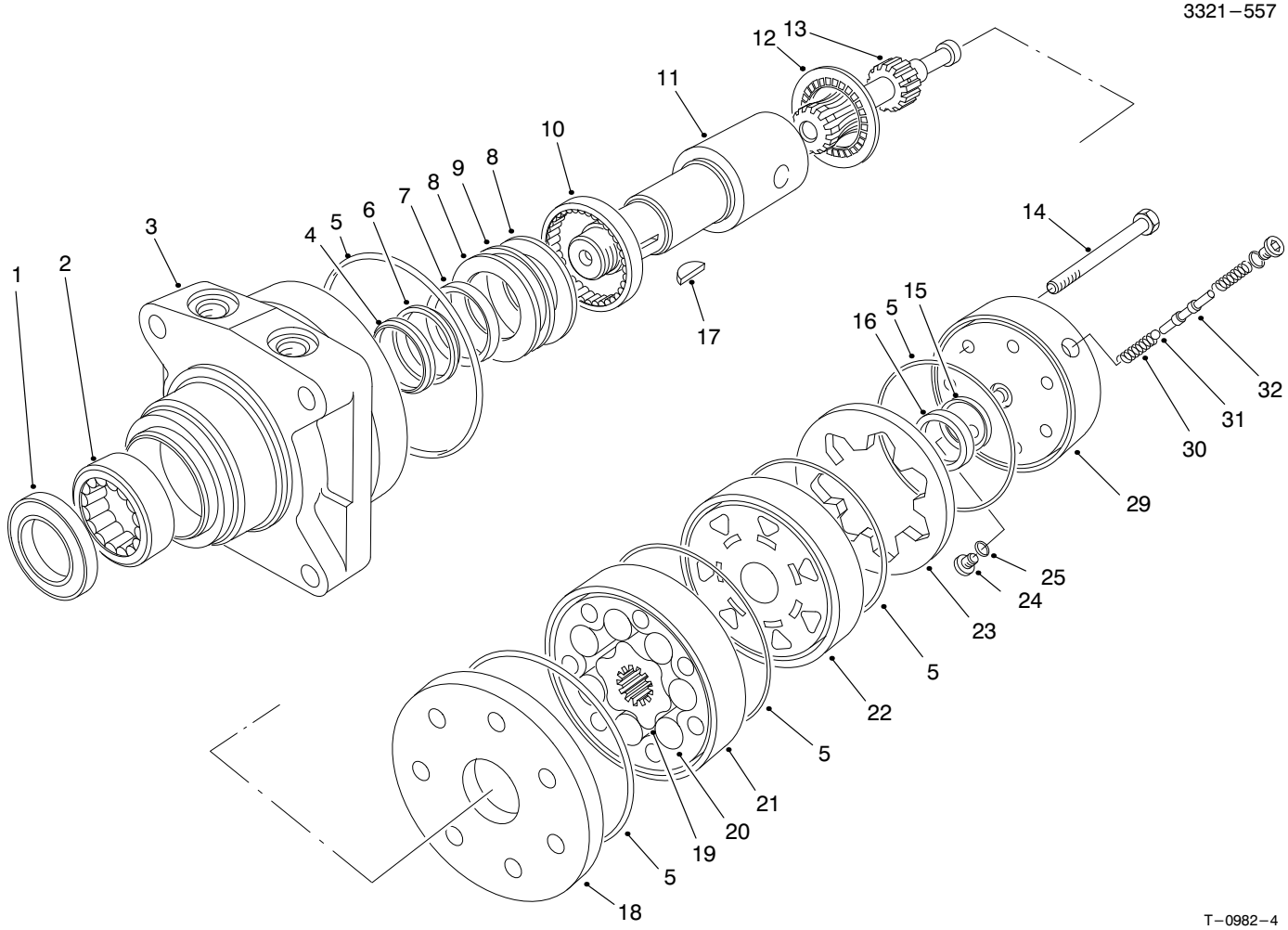


LEFT REAR HYDRAULIC MOTOR ASM NO. 97−3055

Ref. No.	Part No.	Description	No. Used
1		Seal−Dirt & Water	1
2		Bearing	1
3		Housing	1
4		Washer−Backup	1
5		Seal−Rings	5
6		Washer−Backup	1
7		Seal−Inner	1
8		Washer−Thrust	2
9		Bearing−Thrust	1
10		Bearing	1
11	76−0860	Shaft−Coupling	1
12	76−0850	Bearing−Thrust	1
13		Link−Drive	1
14		Screw−HH	7
15		Seal−Commutator	1
16		Commutator	1

Ref. No.	Part No.	Description	No. Used
17	3257−42	Key−Woodruff	1
18	76−0870	Plate−Wear	1
19		Rotor	1
20		Vane	7
21		Stator	1
22	76−0840	Manifold	1
23		Ring−Commutator	1
24	76−0940	Asm−Cover, End	1
*		Rotor Set (Incl. Ref. #19−21)	1
*	76−0880	Asm−Commutator (Incl. Ref. #15, 16 & 23)	1
*	94−8178	Kit−Seal (Incl. Ref. #1, 4−7 & 15)	1
*	76−0810	Asm−Housing (Incl. Ref. #2, 3 & 8−10)	1

*Not Illustrated

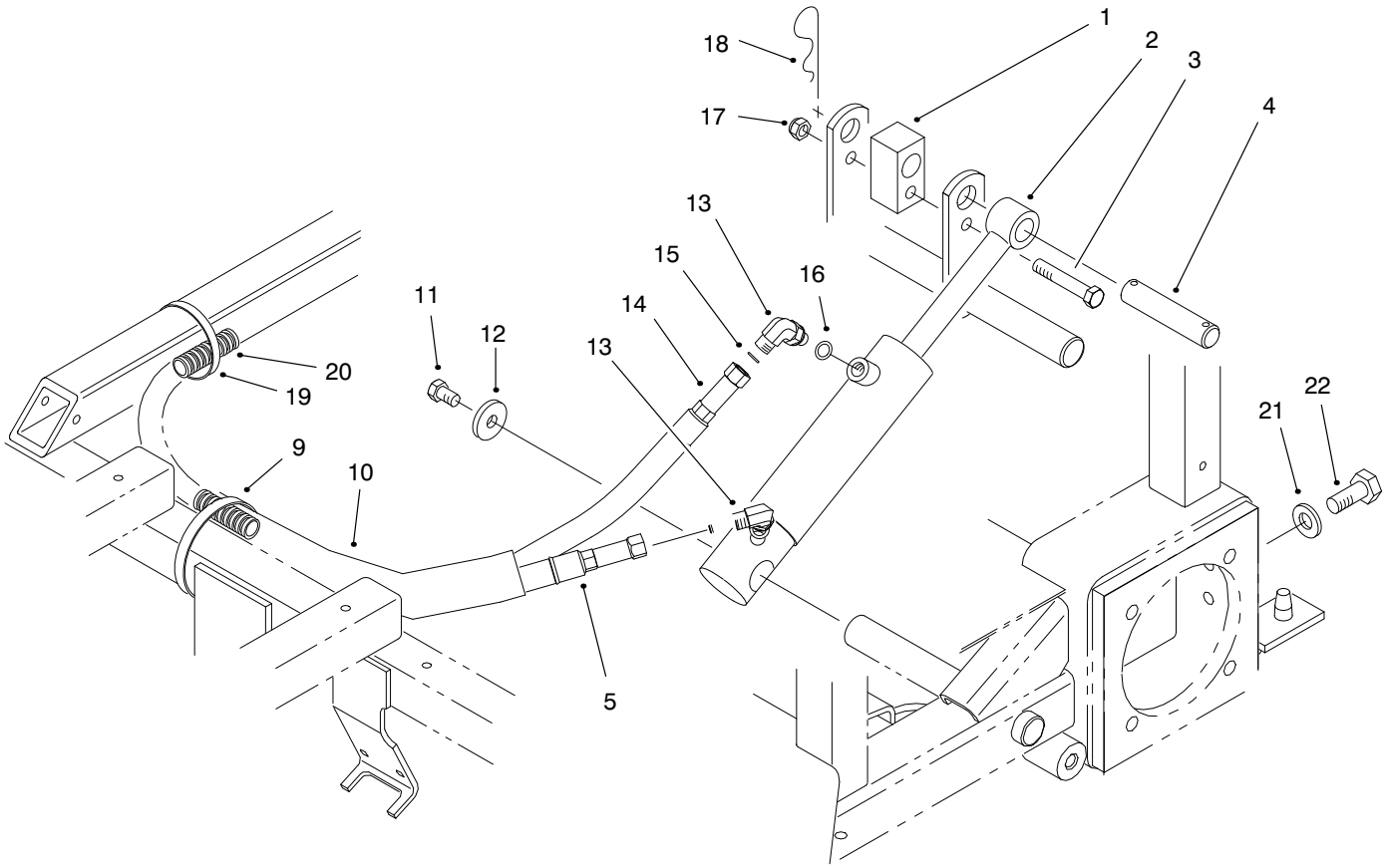


RIGHT REAR HYDRAULIC MOTOR
ASM NO. 98–0959

Ref. No.	Part No.	Description	No. Used
1		Seal–Dirt & Water	1
2		Bearing	1
3		Housing	1
4		Washer–Backup	1
5		Seal–Rings	5
6		Washer–Backup	1
7		Seal–Inner	1
8		Washer–Thrust	2
9		Bearing–Thrust	1
10		Bearing	1
11	76–0860	Shaft–Coupling	1
12	76–0850	Bearing–Thrust	1
13		Link–Drive	1
14		Screw–HH	7
15		Seal–Commutator	1
16		Commutator	1
17	3257–42	Key–Woodruff	1
18	76–0870	Plate–Wear	1
19		Rotor	1

Ref. No.	Part No.	Description	No. Used
20		Vane	7
21		Stator	1
22		Manifold	1
23		Ring–Commutator	1
24	353–990	Plug	2
25		O–Ring	2
29	76–0890	Asm–Cover End (Incl. Ref. #24–25 & 30–32)	1
30		Spring	2
31		Ball	1
32		Valve–Shuttle	1
*		Rotor Set (Incl. Ref. #19–21)	1
*	76–0880	Asm–Commutator (Incl. Ref. #15, 16 & 23)	1
*	94–8178	Kit–Seal (Incl. Ref. #1, 4–7 & 15)	1
*	76–0810	Asm–Housing (Incl. Ref. #2, 3 & 8–10)	1

*Not Illustrated

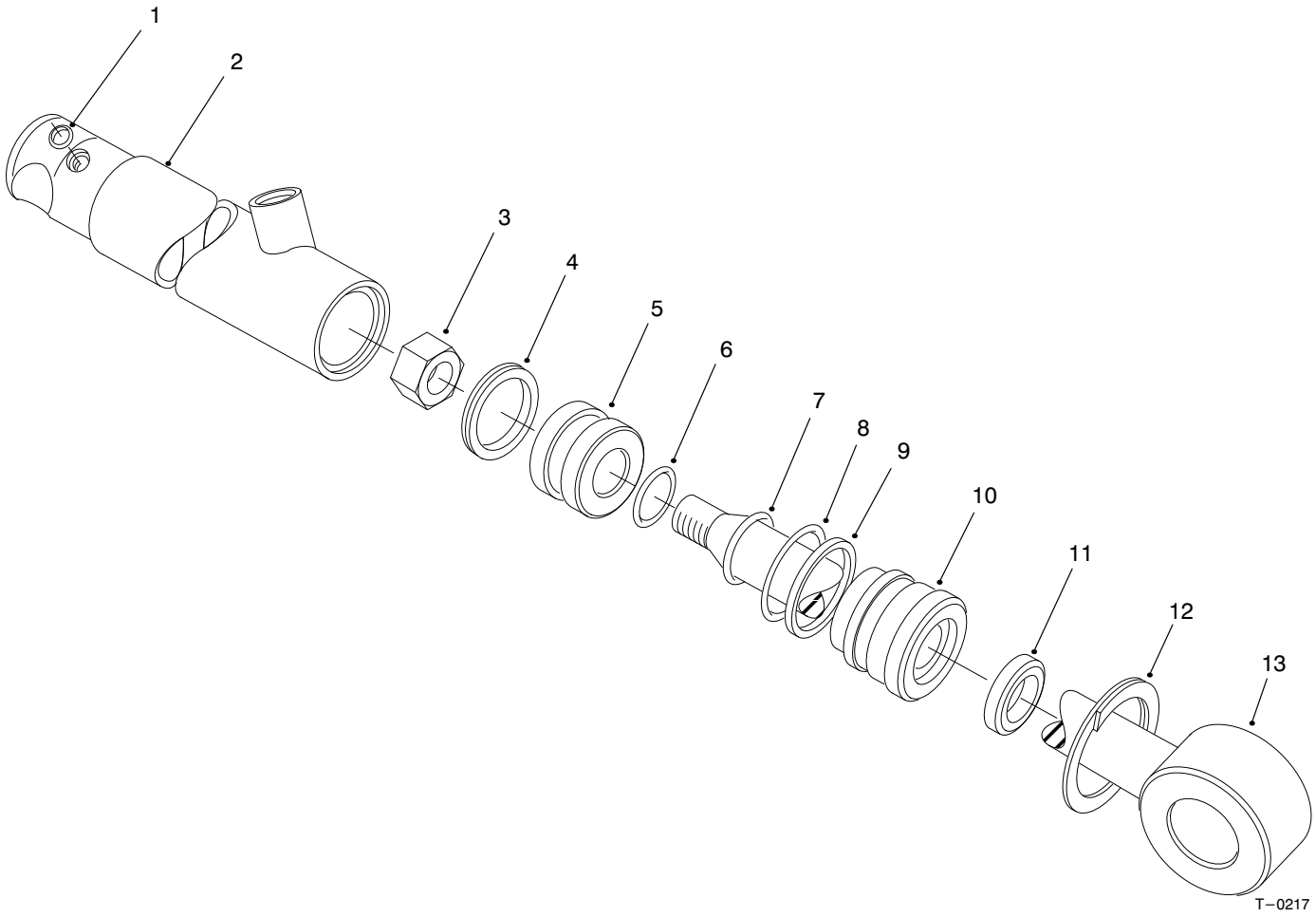


T–2752–3

LIFT ASM

Ref. No.	Part No.	Description	No. Used
1	85–9160	Spacer	1
2	83–7000	Asm–Cylinder	1
3	323–11	Screw–HH	1
4	85–9170	Pin–Cylinder	1
5	85–9580	Hose–Hydraulic	1
9	3334–945	Tie–Cable	1
10	56–7981	Sleeve–Protective	1
11	323–34	Screw–HH	1
12	53–6380	Washer	1
13	340–142	Fitting–Hydraulic 90˚ (Incl. Ref. #15 & 16)	2

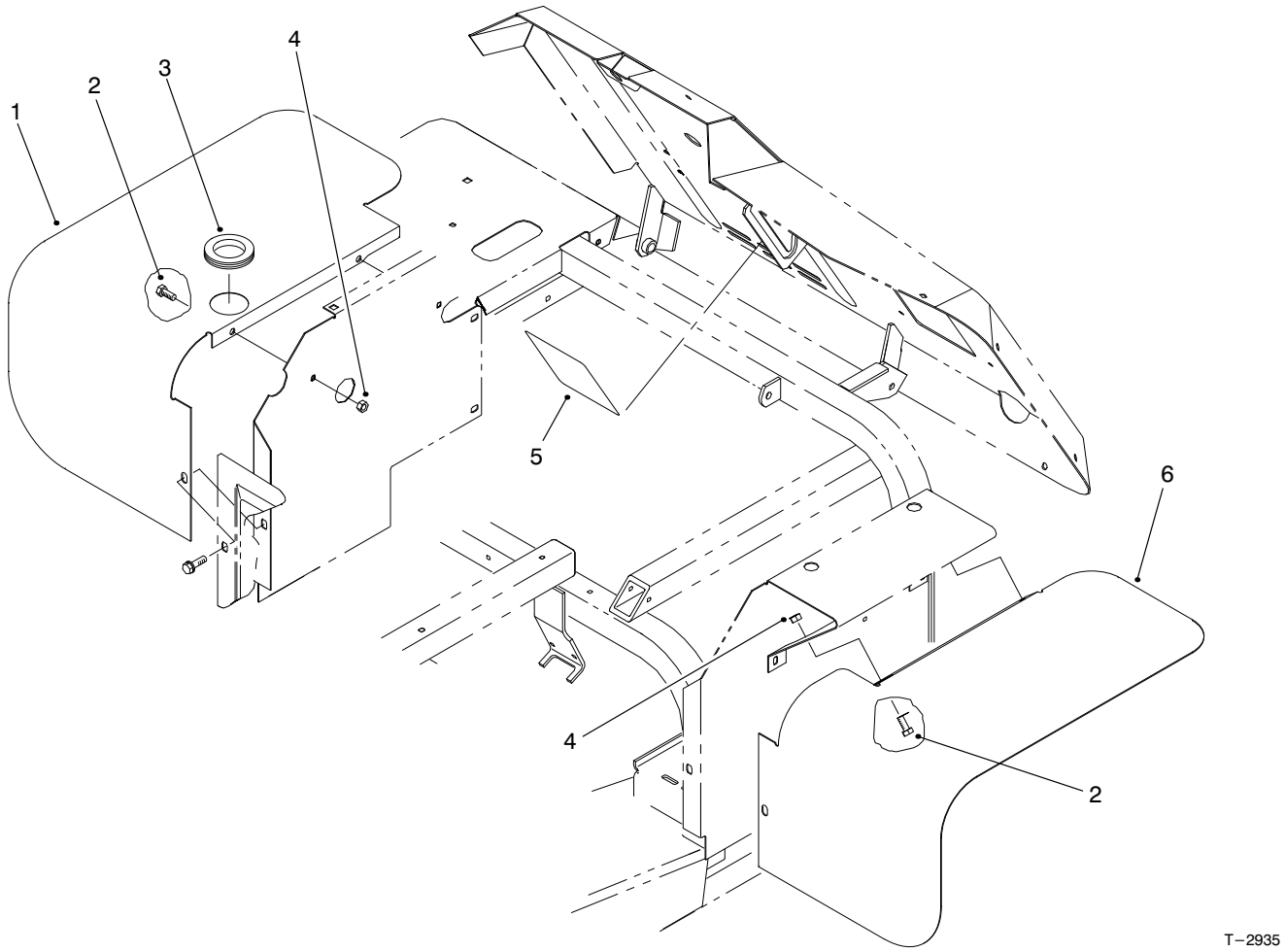
Ref. No.	Part No.	Description	No. Used
14	85–9570	Hose–Hydraulic	1
15	237–21	O–Ring	2
16	237–78	O–Ring	2
17	3296–39	Nut–Lock	1
18	3290–256	Pin–Hair	2
19	3290–379	Tie–Wire	1
20	98–0994	Harness–Wire	1
21	3256–26	Washer–Flat	4
22	325–5	Screw–HH	4



HYDRAULIC LIFT CYLINDER ASM NO. 83–7000

Ref. No.	Part No.	Description	No. Used
1	237–78	O–Ring	2
2	43–5260	Barrel w/Clevis & Ports	1
3	32152–10	Nut	1
4		Uniring–Grooved	1
5	70–2780	Piston	1
6		O–Ring	1
7		Poly–Pack	1
8		O–Ring	1

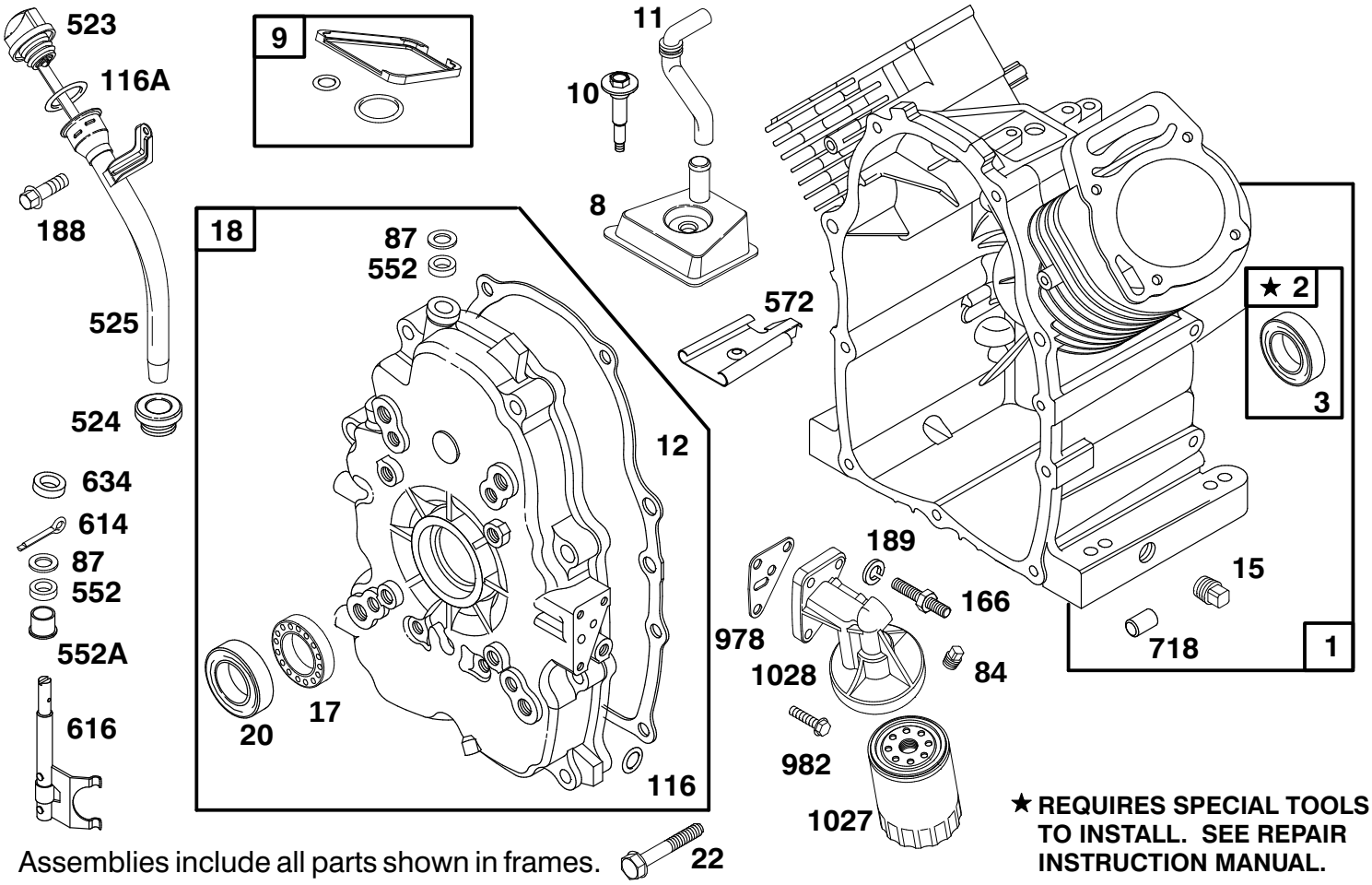
Ref. No.	Part No.	Description	No. Used
9		Back–Up	1
10	70–2770	Head	1
11		Seal–Dust	1
12	43–5220	Ring–Retaining	1
13	43–5230	Shaft with Clevis	1
14	83–7250	Kit–Seal Repair (Incl. Ref. #4, 6–9 & 11)	1



FENDER ASM−EUROPE

Ref. No.	Part No.	Description	No. Used
1	98−0997	Fender−RH	1
2	322−3	Screw−HH	4
3	240−2	Grommet	1

Ref. No.	Part No.	Description	No. Used
4	3296−29	Nut−Lock	4
5	93−9081	Decal−Blank	1
6	98−0998	Fender−LH	1



Assemblies include all parts shown in frames.

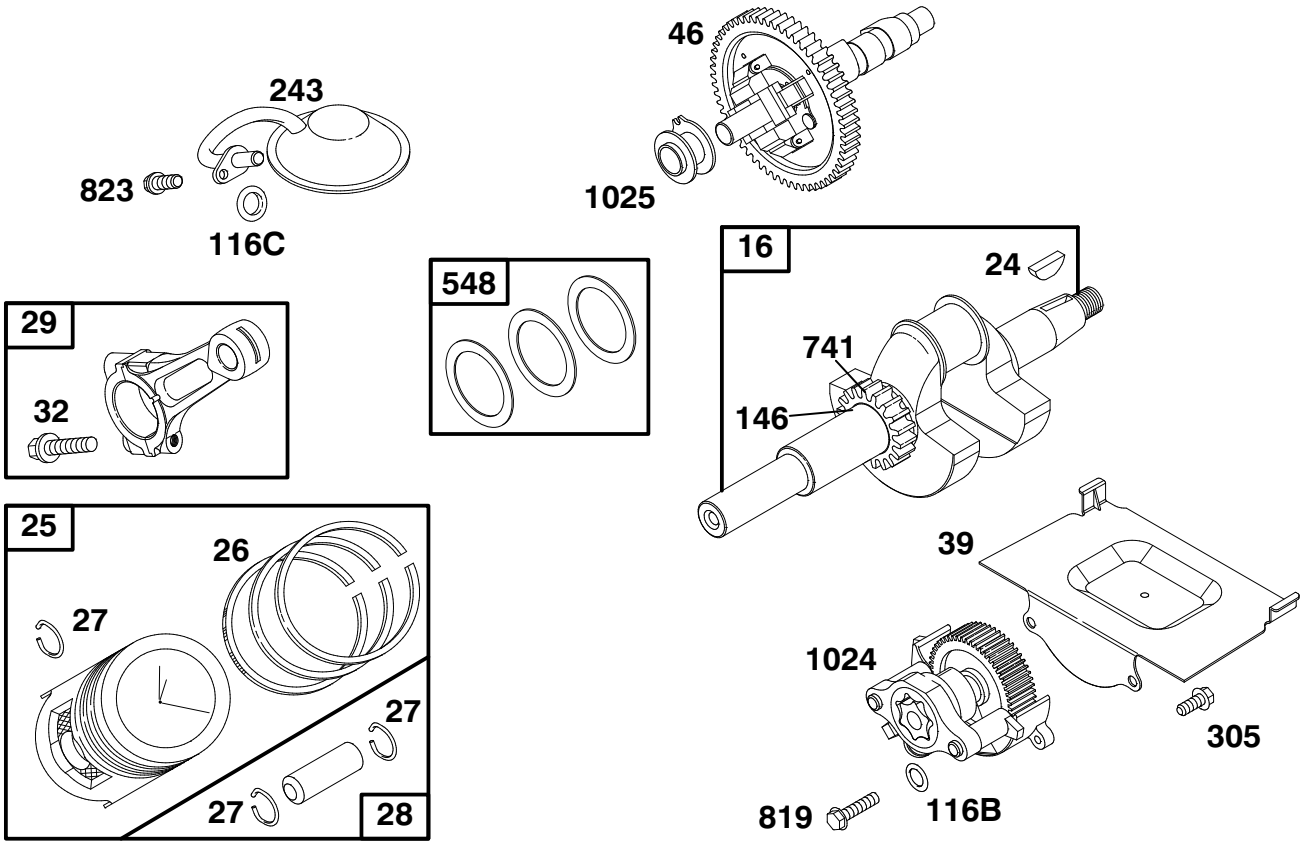
★ **REQUIRES SPECIAL TOOLS TO INSTALL. SEE REPAIR INSTRUCTION MANUAL.**

ENGINE BRIGGS & STRATTON MODEL 350447 – 1116 – E1

Ref. No.	Part No.	Description	No. Used
1	808441	Cylinder Assembly	1
2	808534	Bearing – Cylinder	1
*3	805101	Seal – Oil	1
8	807795	Breather Assembly	1
*9	807688	Gasket – Breather	1
10	805751	Screw – Hex.Washer Head	1
11	806083	Tube – Breather	1
12	806190	Gasket – Crankcase Cover	1
15	94239	Plug – Oil Drain	1
17	805754	Bearing – Ball	1
18	808502	Cover – Crankcase	1
*20	805049	Seal – Oil	1
22	805696	Screw – Crankcase Cover	1
84	91488	Plug – Pipe	1
*87	805054	Seal – Governor Shaft	1
116	806191	O-Ring (Crankcase Cover)	1
*116A	805386	O-Ring (Dipstick)	1
166	805073	Stud – Oil Filter Adapter	1

Ref. No.	Part No.	Description	No. Used
188	805247	Screw – Hex.	1
189	805449	Lockwasher	1
523	807977	Dipstick	1
*524	281370	Seal – Fill Tube	1
525	807584	Tube – Oil Fill	1
552	805412	Bushing – Governor Shaft	1
552A	805413	Bushing – Governor Shaft	1
572	805197	Baffle – Breather	1
614	806096	Pin – Cotter	1
616	807596	Fork – Governor	1
634	805416	Washer – Governor Shaft	1
718	805103	Dowel – Crankcase	1
*978	805250	Gasket – Oil Filter Adapter	1
982	805030	Screw – Hex.	1
1027	492932	Filter – Oil	1
1028	808325	Adapter – Oil Filter	1

*Included in Gasket Set – Part No. 808389.



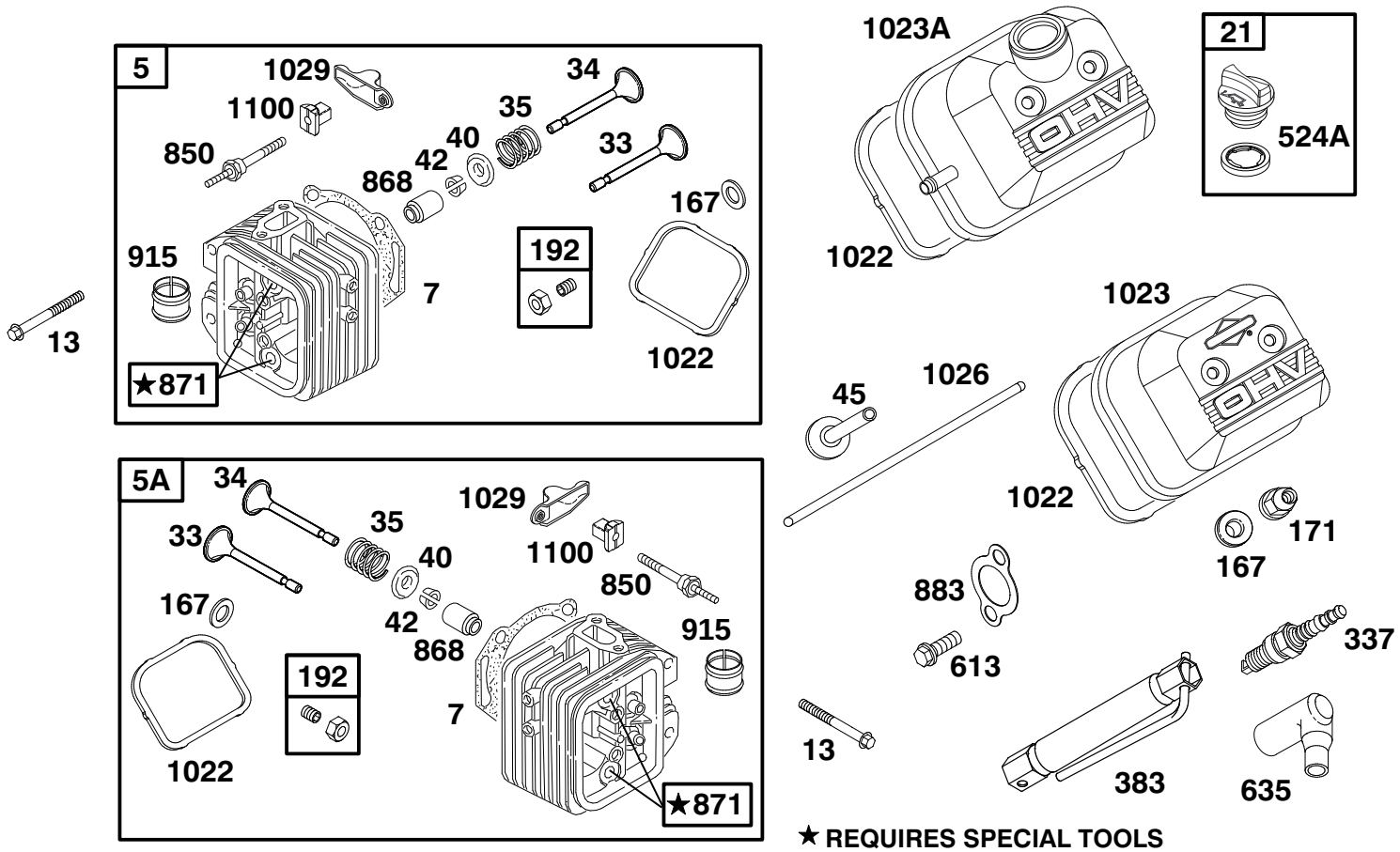
Assemblies include all parts shown in frames.

ENGINE BRIGGS & STRATTON MODEL 350447–1116–E1

Ref. No.	Part No.	Description	No. Used
16	692089	Crankshaft	1
24	806066	Key–Flywheel	1
25	808326	Piston Assembly (Standard)	1
	808336	Piston Assembly (.010 O.S.)	1
	808337	Piston Assembly (.020 O.S.)	1
	808338	Piston Assembly (.030 O.S.)	1
26	807889	Ring Set–Piston (Standard)	1
	807994	Ring Set–Piston (.010 O.S.)	1
	807995	Ring Set–Piston (.020 O.S.)	1
	807996	Ring Set–Piston (.030 O.S.)	1
27	805099	Lock–Piston Pin	1
28	807866	Piston Pin Assembly	1
29	807900	Rod–Connecting (Standard)	1
	807803	Rod–Connecting (.020 U.S.)	1

Ref. No.	Part No.	Description	No. Used
32	805395	Screw–Connecting Rod	1
39	805654	Deflector–Oil	1
46	807542	Gear–Cam	1
*116B	805058	O–Ring (Oil Pump)	1
*116C	805316	O–Ring (Pick–Up Tube)	1
146	808095	Key–Timing	1
243	807598	Screen–Oil Pump	1
548	807625	Washer Set	1
305	805406	Screw–Hex.	1
741	805984	Gear–Timing	1
819	805057	Screw–Hex.	1
823	805317	Screw–Hex.	1
1024	807644	Oil Pump Assembly	1
1025	805313	Slider–Governor	1

*Included in Gasket Set–Part No. 808389.



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

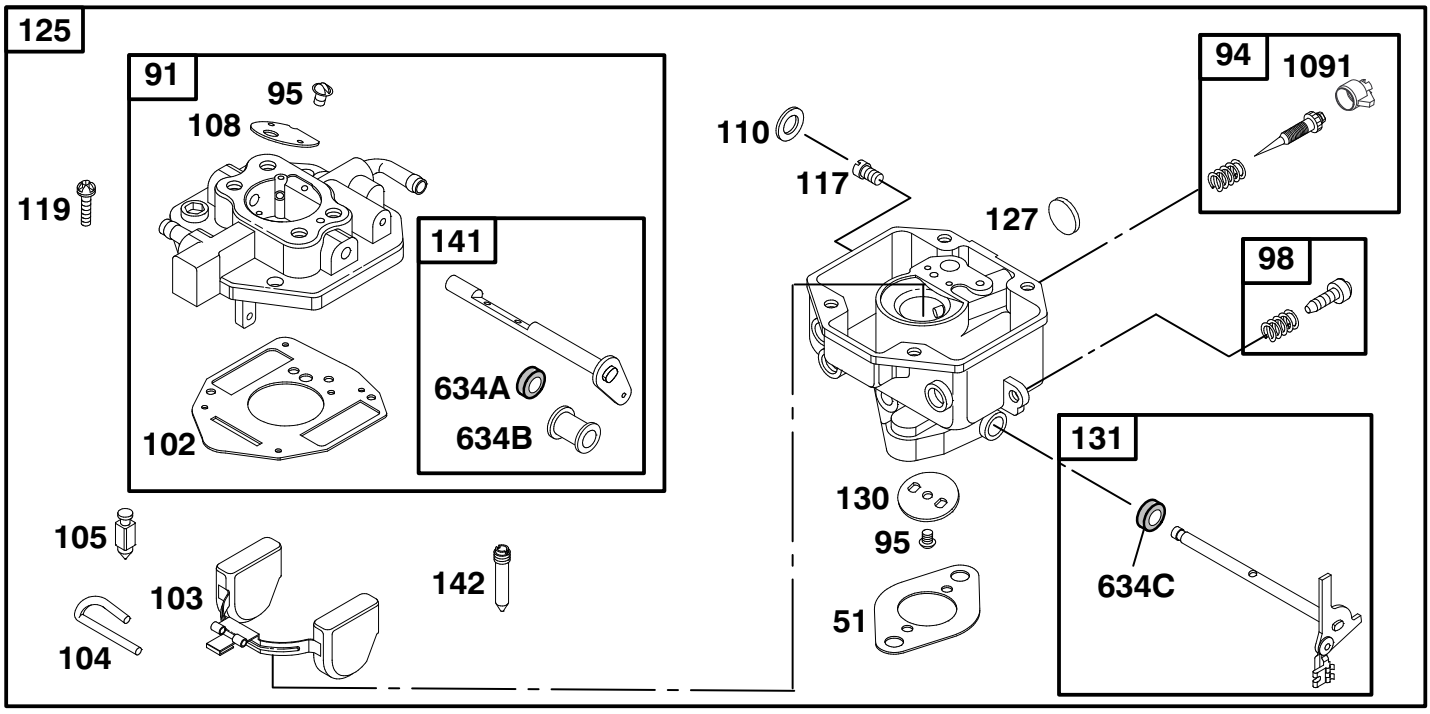
Assemblies include all parts shown in frames.

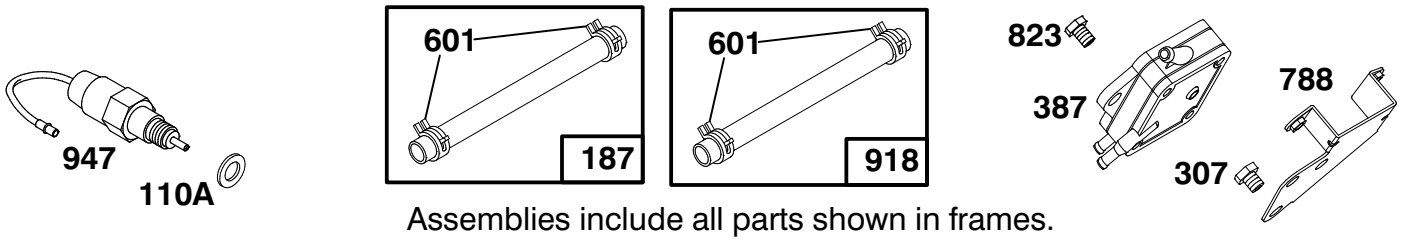
ENGINE BRIGGS & STRATTON MODEL 350447–1116–E1

Ref. No.	Part No.	Description	No. Used
5	808383	Head–Cylinder (Cyl. #1)	1
5A	808384	Head–Cylinder (Cyl. #2)	1
*‡7	806086	Gasket–Cylinder Head	1
13	805097	Screw–Cylinder Head	1
21	491832	Dipstick/Fill Plug	1
33	807681	Valve–Exhaust	1
34	807680	Valve–Intake	1
35	805937	Spring–Valve	1
40	805092	Retainer–Valve Spring	1
42	807683	Retainer–Valve	1
45	262679	Tappet–Valve	1
*‡167	805420	Washer–Valve Cover	1
‡171	805019	Nut–Nylock	1
192	807623	Screw–Valve Adjustment	1
337	496018	Plug–Spark	1
383	19374	Wrench–Spark Plug	1
*‡524A	271983	Seal–Filler Plug	1

Ref. No.	Part No.	Description	No. Used
613	805158	Screw–Hex.	1
635	805529	Elbow–Spark Plug	1
850	806037	Stud–Rocker Arm	1
868	805094	Seal–Valve Guide	1
871	805084	Guide–Valve	1
*‡883	805024	Gasket–Exhaust	1
915	805083	Liner–Port	1
*‡1022	806039	Gasket–Valve Cover	1
1023	805100	Cover–Valve	1
1023A	808032	Cover–Valve	1
1026	805352	Rod–Push (Intake Valve)	1
		Note: 805617 Rod–Push (Exhaust Valve)	1
1029	806036	Arm–Rocker	1
1100	806038	Pivot–Rocker Arm	1

*Included in Gasket Set–Part No. 808389.
‡Included in Valve Overhaul Kit–Part No. 8083921





Assemblies include all parts shown in frames.

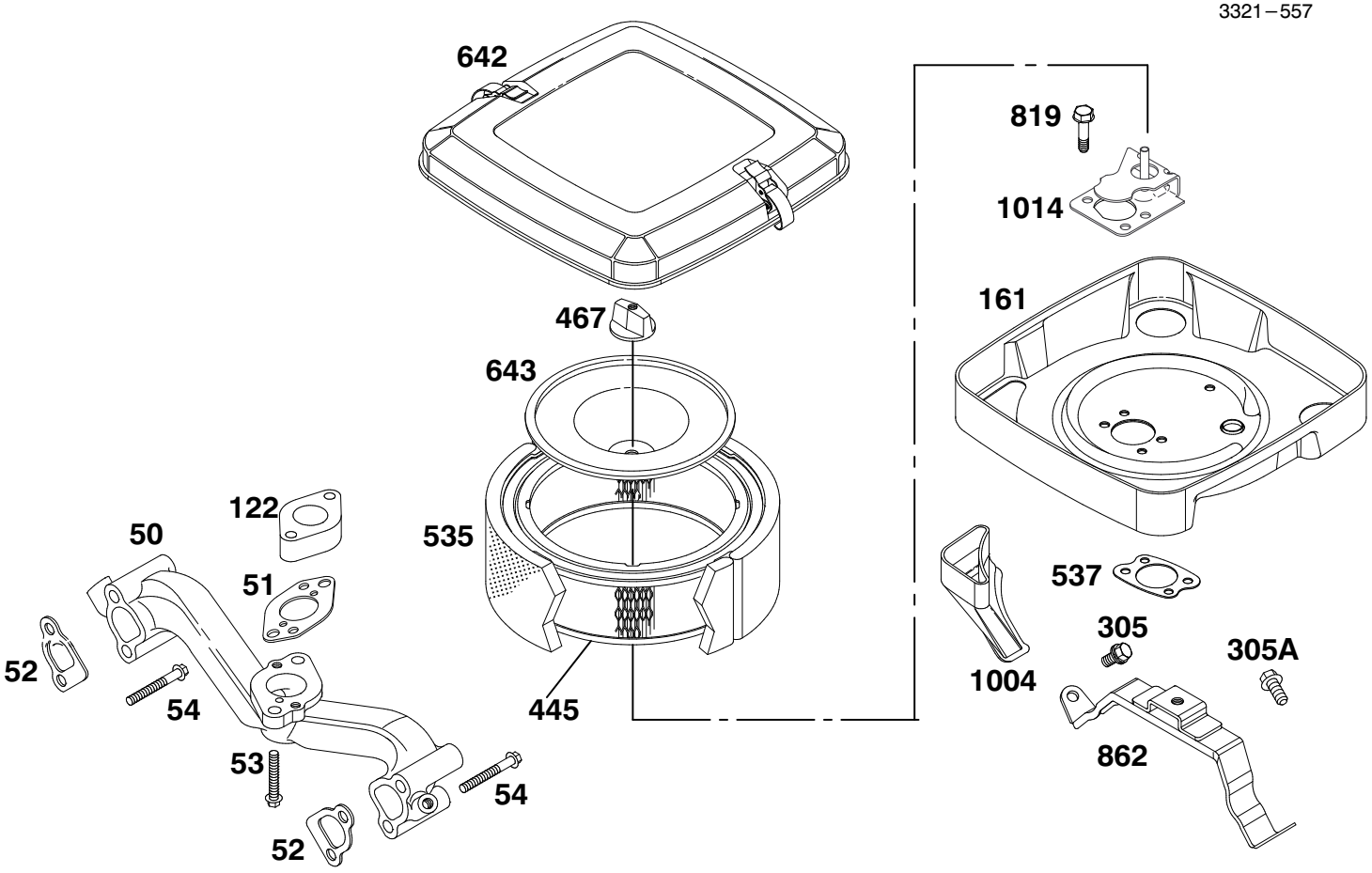
ENGINE BRIGGS & STRATTON MODEL 350447–1116–E1

Ref. No.	Part No.	Description	No. Used
*51	805700	Gasket–Carburetor Mtg.	1
91	808396	Body–Upper Carburetor	1
†94	808399	Valve–Idle Adjust	1
95	805538	Screw–Valve Mtg.	1
98	808177	Screw–Throttle Adj.	1
†102	805541	Gasket–Carburetor Body	1
103	805546	Float Assembly	1
†104	805545	Pin–Float Hinge	1
†105	805547	Valve–Fuel Inlet	1
108	806134	Valve–Choke	1
†110	805549	Washer–Seal	1
†110A	806137	Washer–Seal	1
†117	806126	Jet–Main	1
	808413	Jet–Main (High Altitude)	1
119	805540	Screw–Upper Body Mtg.	1
125	808370	Carburetor Assembly	1
†127	805559	Plug–Welch	1
130	806132	Valve–Throttle	1

Ref. No.	Part No.	Description	No. Used
131	808397	Shaft–Throttle	1
141	808398	Shaft–Choke	1
†142	806128	Nozzle–Carburetor	1
187	296004	Line–Fuel	
		(Cut to Required Length)	1
307	805025	Screw–Hex.	1
387	491922	Pump–Fuel	1
601	95162	Clamp–Hose	1
†634A	805544	Seal–Choke Shaft	1
†634B	805543	Bushing–Choke Shaft	1
†634C	806131	Seal–Throttle Shaft	1
788	807685	Bracket–Fuel Pump	1
823	805317	Screw–Mounting	1
918	393815	Line–Vacuum	
		(Cut to Required Length)	1
947	807664	Solenoid	1
†1091	805862	Cap–Limiter	1

*Included in Gasket Set–Part No. 808389.

†Included in Carburetor Kit–Part No. 808395.

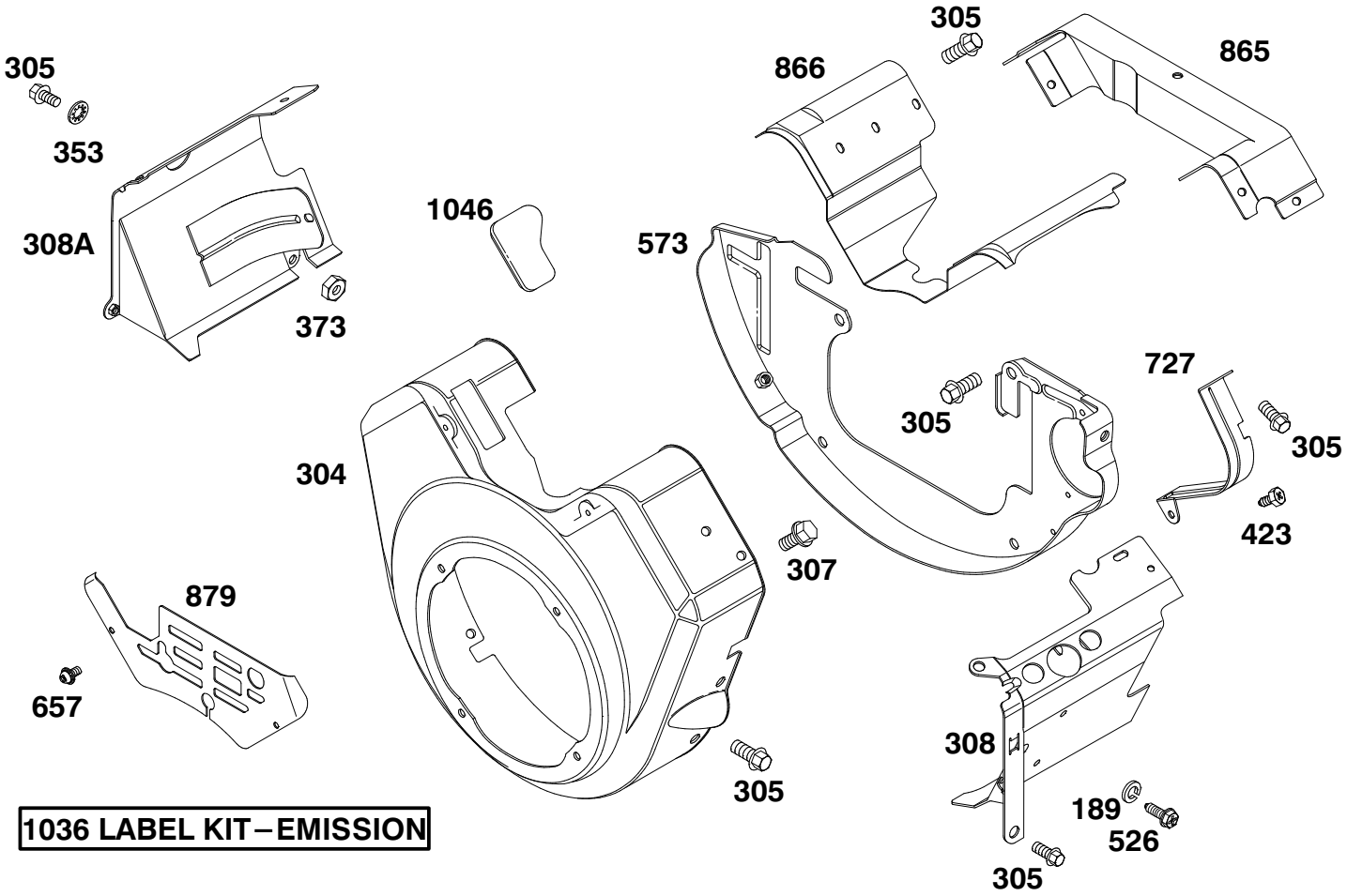


ENGINE BRIGGS & STRATTON MODEL 350447–1116–E1

Ref. No.	Part No.	Description	No. Used
50	805772	Manifold–Intake	1
*51	805700	Gasket–Carburetor Mtg.	1
*‡52	805023	Gasket–Intake Manifold	1
53	805466	Screw–Hex.	1
54	805006	Screw–Hex.	1
122	805673	Spacer–Carburetor	1
161	807857	Base–Air Cleaner	1
305	805406	Screw–Hex. (M6 x 12 mm)	1
305A	805902	Screw–Hex. (M6 x 16 mm)	1

Ref. No.	Part No.	Description	No. Used
445	394018	Filter– Air	1
467	491875	Knob–Air Cleaner	1
535	272490	Filter– Air	1
*537	805655	Gasket–Air Cleaner	1
642	807862	Cover–Air Cleaner	1
643	805631	Plate–Air Cleaner	1
819	805317	Screw–Hex.	1
862	806144	Bracket–Air Cleaner	1
1004	805632	Duct–Air	1
1014	808311	Shield–Carburetor	1

*Included in Gasket Set–Part No. 808389.
‡Included in Valve Overhaul Kit–Part No. 808391.

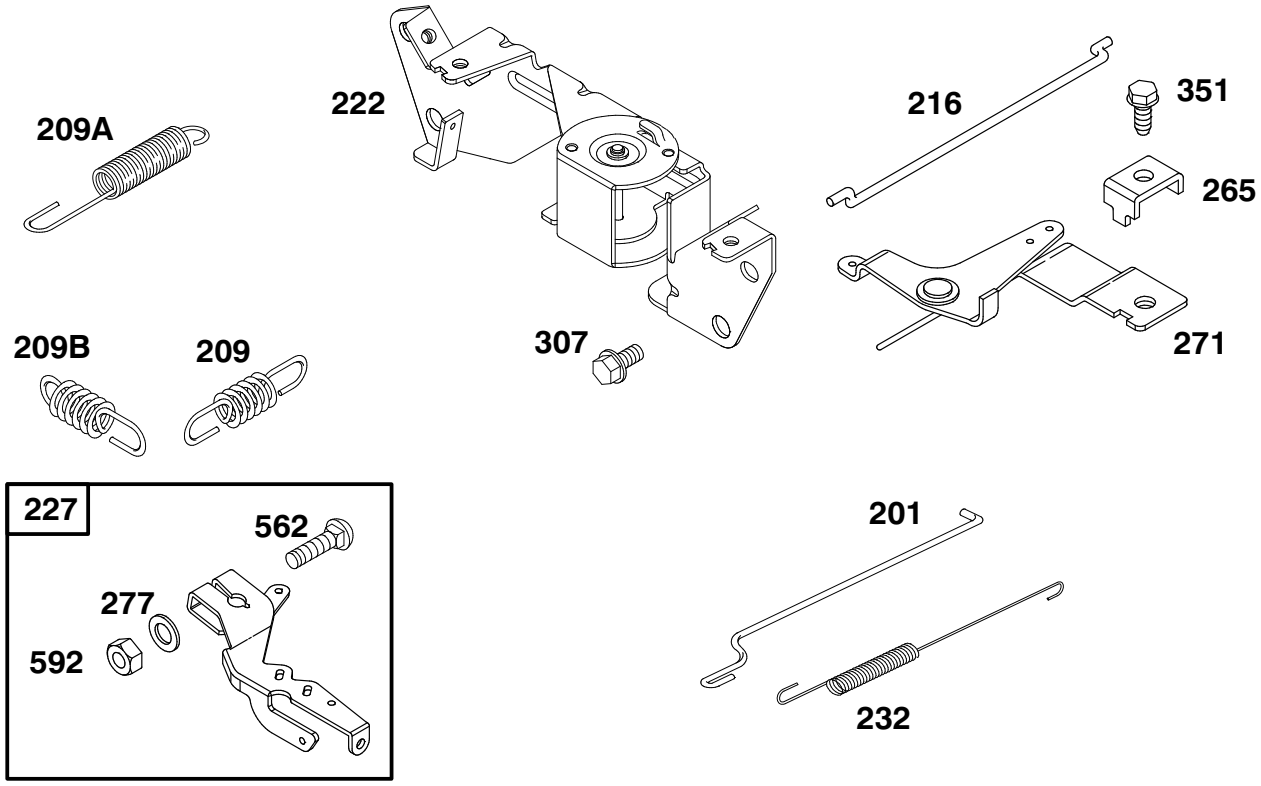


1036 LABEL KIT–EMISSION

ENGINE BRIGGS & STRATTON MODEL 350447–1116–E1

Ref. No.	Part No.	Description	No. Used
189	805449	Washer–Lock	1
304	808219	Housing–Blower	1
305	805406	Screw–Hex.	1
307	805025	Screw–Hex.	1
308	808310	Cover–Air Guide (Cyl. #1)	1
308A	808100	Cover–Air Guide (Cyl. #2)	1
353	806101	Washer–Lock	1
373	805383	Nut–Hex.	1

Ref. No.	Part No.	Description	No. Used
423	805260	Screw–Phillips Hex.	1
526	805448	Screw–Phillips Hex.	1
573	807663	Back Plate Assembly	1
657	805009	Screw–Phillips	1
727	805505	Shield–Starter	1
865	807661	Cover–Air Guide	1
866	805738	Valley Cover–Air Guide	1
879	805841	Cover–Carburetor	1
1036	499370	Label Kit–Emission	1
1046	805753	Plug–Blower Housing	1

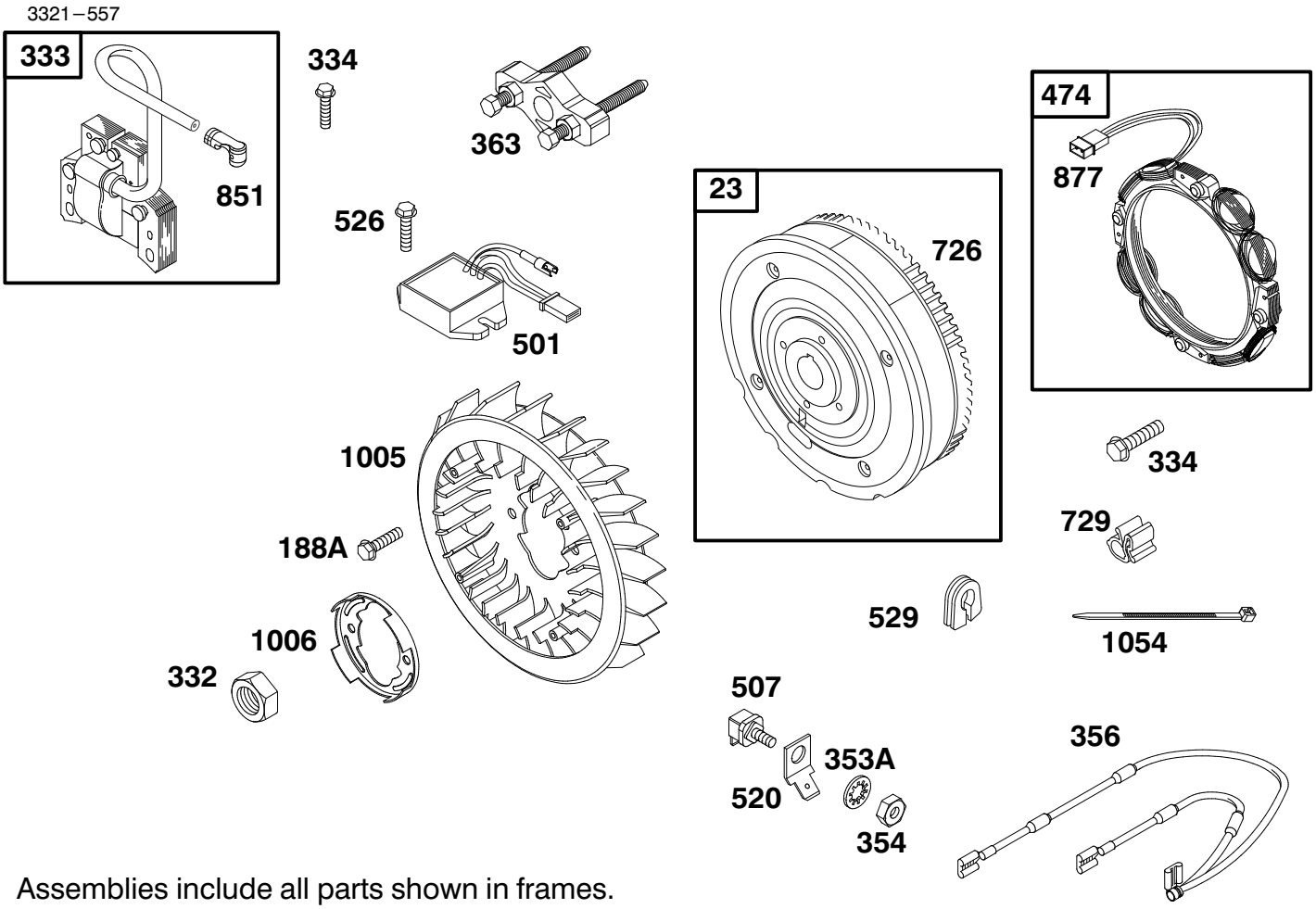


Assemblies include all parts shown in frames.

ENGINE BRIGGS & STRATTON MODEL 350447 – 1116 – E1

Ref. No.	Part No.	Description	No. Used
201	805480	Link – Governor	1
209	805463	Spring – Governor	1
209A	805450	Spring – Governed Idle	1
209B	805453	Spring – Governor	1
216	805439	Link – Choke	1
222	808195	Bracket – Governor Control	1
227	807528	Lever Assembly – Governor	1
232	805465	Spring – Governor Link	1

Ref. No.	Part No.	Description	No. Used
265	221535	Clamp – Casing	1
271	808145	Bracket – Choke Control	1
277	805018	Washer	1
307	805025	Screw – Hex.	1
351	805169	Screw – Hex.	1
562	805381	Bolt – Carriage	1
592	805383	Nut – Hex.	1

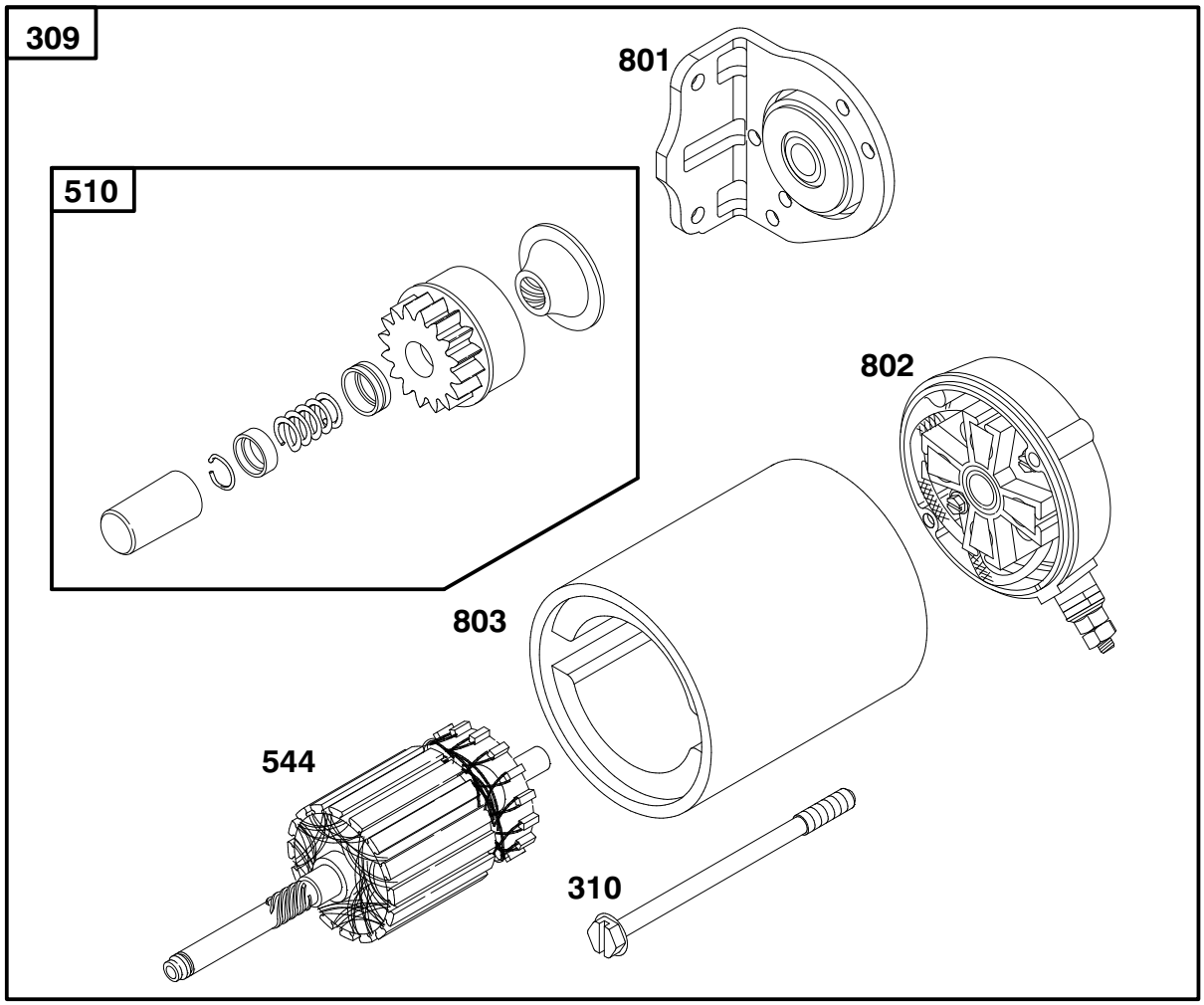


Assemblies include all parts shown in frames.

ENGINE BRIGGS & STRATTON MODEL 350447–1116–E1

Ref. No.	Part No.	Description	No. Used
23	808128	Flywheel–Magneto	1
188A	94627	Screw–Hex.	1
332	806028	Nut–Flywheel	1
333	492341	Armature–Magneto	1
334	805407	Screw–Hex.	1
353A	92791	Washer–Lock (Internal Tooth)	1
354	90576	Nut–Hex.	1
356	493792	Wire–Stop	1
363	19203	Puller–Flywheel	1
474	393295	Stator–Alternator	1
501	394890	Regulator–Alternator	1

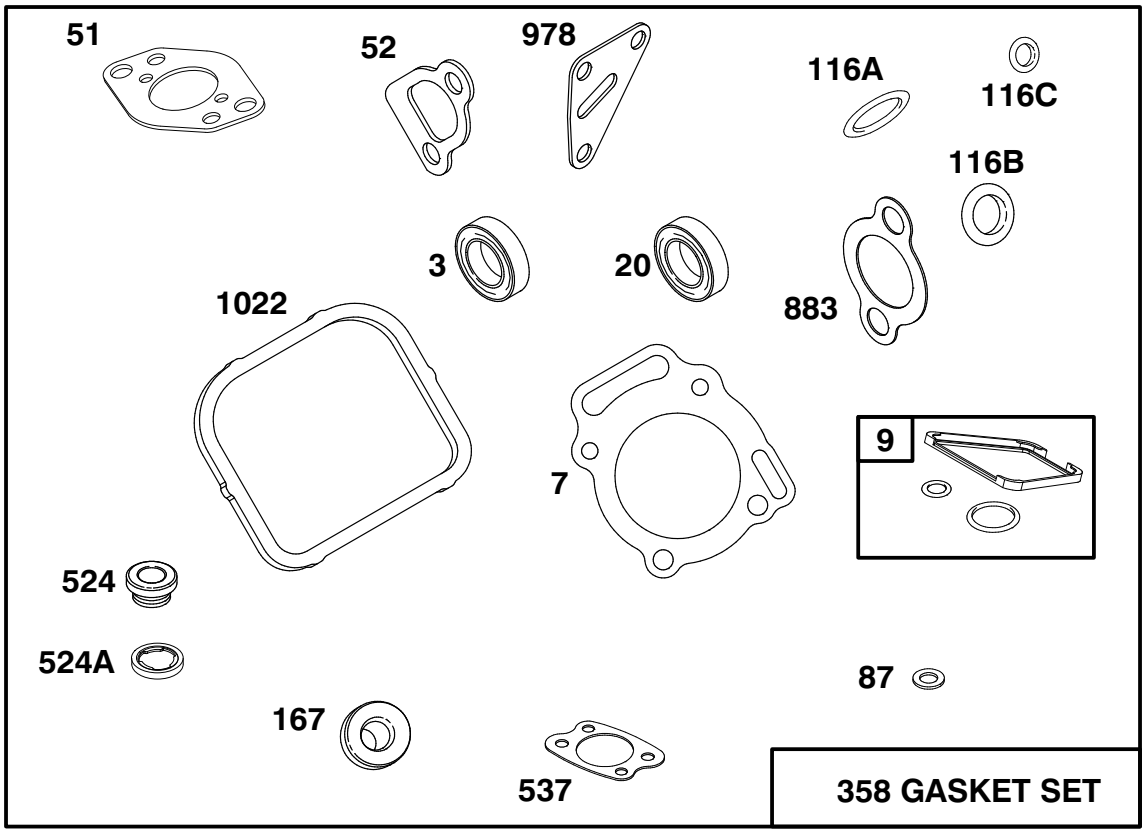
Ref. No.	Part No.	Description	No. Used
507	398525	Insulator	1
520	93722	Terminal–Spade	1
526	805448	Screw–Hex.	1
529	805641	Grommet	1
726	808162	Gear–Flywheel Ring Includes Mounting Hardware	1
729	280470	Clip–Wire	1
851	493880	Terminal–Ignition Cable	1
877	393537	Wire–Alternator	1
1006	224413	Retainer–Fan	1
1005	808082	Fan–Flywheel	1
1054	280275	Tie–Cable	1



ENGINE BRIGGS & STRATTON MODEL 350447–1116–E1

Ref. No.	Part No.	Description	No. Used
188	805247	Screw–Hex.	1
309	808106	Motor–Starter	1
310	496880	Bolt–Thru	1
510	496881	Drive–Starter	1
544	496816	Armature–Starter	1

Ref. No.	Part No.	Description	No. Used
801	496814	Cap–Drive	1
802	496813	Cap–End	
		Note: Includes 496887	
		Brush Set	1
803	496815	Housing–Starter	1



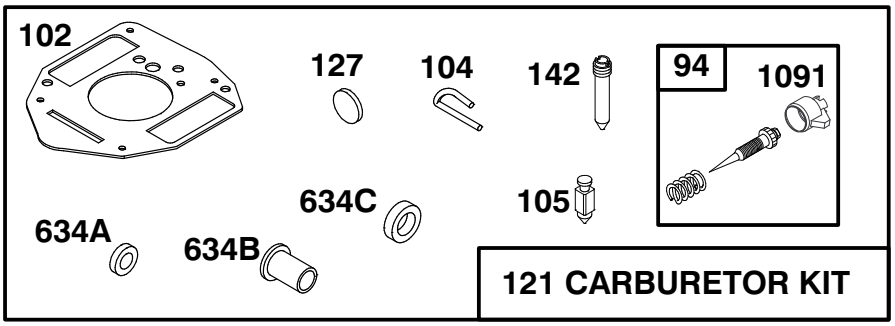
Assemblies include all parts shown in frames.

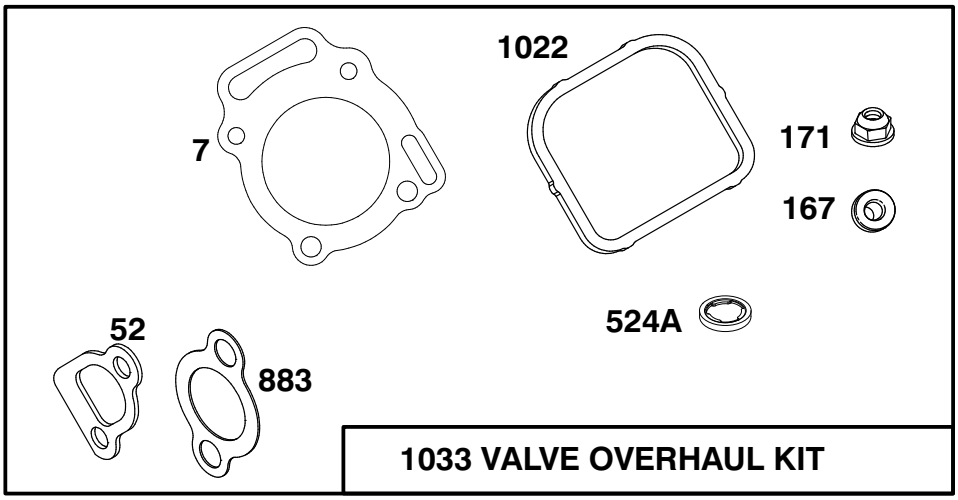
ENGINE BRIGGS & STRATTON MODEL 350447–1116–E1

Ref. No.	Part No.	Description	No. Used
*3	805101	Seal–Oil	1
*‡7	806086	Gasket–Cylinder Head	1
*9	807688	Gasket–Breather	1
*20	805049	Seal–Oil	1
*51	805700	Gasket–Carburetor Mtg.	1
*‡52	805023	Gasket–Intake Manifold	1
*87	805054	Seal–Governor Shaft	1
*116A	805386	O–Ring (Dipstick)	1
*116B	805058	O–Ring (Oil Pump)	1

Ref. No.	Part No.	Description	No. Used
*116C	805316	O–Ring (Pick–Up Tube)	1
*‡167	805420	Washer–Valve Cover	1
358	808389	Gasket Set	1
*524	281370	Seal–Fill Tube	1
*‡524A	271983	Seal–Filler Plug	1
*537	805655	Gasket–Air Cleaner	1
*‡883	805024	Gasket–Exhaust	1
*978	805250	Gasket–Oil Filter Adapter	1
*‡1022	806039	Gasket–Valve Cover	1

*Included in Gasket Set–Part No. 808389.
‡Included in Valve Overhaul Kit–Part No 808391.





Assemblies include all parts shown in frames.

ENGINE BRIGGS & STRATTON MODEL 350447–1116–E1

Ref. No.	Part No.	Description	No. Used
*‡7	806086	Gasket–Cylinder Head	1
*‡52	805023	Gasket–Intake Manifold	1
†94	808257	Valve–Idle Adjust	1
†102	805541	Gasket–Carburetor Body	1
†104	805545	Pin–Float Hinge	1
†105	805547	Valve–Fuel Inlet	1
121	808395	Carburetor Kit	1
†127	805559	Plug–Welch	1
†142	805553	Nozzle–Carburetor	1
*‡167	805420	Washer–Valve Cover	1

Ref. No.	Part No.	Description	No. Used
‡171	805019	Nut–Nylock	1
*‡524A	271983	Seal–Filler Plug	1
†634A	805544	Seal–Choke Shaft	1
†634B	805543	Bushing–Choke Shaft	1
†634C	806131	Seal–Throttle Shaft	1
*‡883	805024	Gasket–Exhaust	1
*‡1022	806039	Gasket–Valve Cover	1
1033	808391	Overhaul Kit–Valve	1
†1091	805862	Cap–Limiter	1

*Included in Gasket Set–Part No. 808389.
†Included in Carburetor Kit–Part No. 808395.
‡Included in Valve Overhaul Kit–Part No. 808391.

TORO PART NUMBER INDEX

Part No.	Description	Pg. No.	Ref. No.	Qty.
93847	Screw–HH	11	43	2
116973	Tire–Turf (Optional)	21	*	2
116973	Tire–Turf (Optional)	4	*	2
262949	Shaft–Stub	11	27	1
272490	Element–Air Cleaner	11	51	1
281051	Knob–Air Cleaner	11	1	3
491875	Knob–Air Cleaner	11	4	1
805024	Gasket–Exhaust	11	16	2
805317	Screw–HFH	11	6	5
805447	Screw–HH	11	44	4
805631	Plate–Element	11	52	1
805700	Gasket–Carburetor	11	40	1
808034	Asm–Screen/Spacer	11	45	1
808311	Shield–Carburetor Inlet	11	49	1
3–6498	Washer–Thrust	13	5	1
10–6830	Stud–Drive	4	3	4
10–6850	Drum–Brake	21	34	2
18–6320	Washer–Steering	4	19	3
18–6380	Bolt–Adjustment	6	17	2
18–6380	Pin–Adjusting	13	9	1
22–8330	Plug	19	1	2
22–8340	Spring	19	3	2
22–8350	Ball	19	4	2
22–8360	Pin–Cam	19	6	2
22–8370	Seat–Check Valve	19	5	2
22–8380	Retainer–Spring	19	10	1
22–8390	Spring Retainer	19	12	1
22–8400	Spacer–Float	19	13	1
22–8410	Spring	19	11	1
22–8420	Spool	19	8	1
22–8480	Spring–Ring Spool	19	14	1
22–8490	Ring–Retaining	19	15	1
22–8500	O–Ring	19	9	2
23–9740	Element–Hydraulic Filter	17	18	1
25–2380	Plate–Thrust	16	50	1
25–2400	Gasket–Cap, End	15	14	1
25–2430	Pin	15	13	1
25–2450	Swashplate	16	48	1
25–2460	Plug	15	29	2
25–2470	Kit–Shim	15	30	2
25–2480	Spring	15	42	1
25–2490	Ball	15	4	2
25–2500	Shaft–Trunnion	15	43	1
25–2510	Washer	15	26	2
25–2570	Spring	15	31	1
25–2600	Kit–Cylinder Block	15	16	1
25–2640	Spring	15	3	2
25–2650	Plug	15	1	2
25–2690	Housing–Pump, Charge	15	35	1
25–3180	Kit–Valve, Check	16	*	1
25–3210	Seal–Lip	15	25	2
26–3790	Nut–Lock	4	5	1
26–3790	Nut–Lock	21	19	2
27–2320	Bearing–Side Flange	8	7	2
27–6600	Spacer–Coupler	14	13	8
28–4210	Solenoid–Starter	1	25	1
29–6163	Switch–Neutral	13	20	1
38–3400	Guard–Rubber	11	18	1
38–3400	Snubber	4	42	2
43–1710	Asm–Valve	18	11	1
43–5220	Ring–Retaining	25	12	1
43–5230	Shaft with Clevis	25	13	1
43–5260	Barrel w/Clevis & Ports	25	2	1
46–7510	Hood–Air Inlet	3	10	1
46–8400	Bearing–Roller	16	51	1
47–2964	Hose–Fuel	11	19	1
47–2964	Hose–Fuel	10	31	1
49–2040	Screw–HFH	13	6	3
49–8510	Kit–Relief, Charge	16	*	1
49–8520	Kit–Implement Relief	16	*	1
51–0780	Slider–Seat 4	7	16	1
51–0790	Slider–Seat	7	19	1
53–6380	Washer	24	12	1
56–7720	Rod–Battery Hold–Down	10	16	2
56–7976	Clamp–Tube	4	14	2
56–7981	Sleeve–Protective	24	10	1
57–5420	Screw–Shoulder	17	41	1
63–8360	Key–Ignition	3	2	2
63–8410	Washer–Flat	17	20	3
63–8410	Washer–Flat	7	20	4
63–8410	Washer–Flat	10	23	4
65–8770	Bushing–Flange	6	22	2
66–0120	Knob	3	15	2
67–8050	Bearing–Needle	15	37	1
67–8060	Seal–Lip	15	36	1
67–9410	Washer–Flat	8	14	2
68–8990	Asm–Hydraulic Filter Head	17	15	1
69–8930	Washer	18	18	4
69–8960	Spacer	18	17	2
69–9760	Plate–Cover	4	15	1
70–2770	Head	25	10	1
70–2780	Piston	25	5	1
70–9840	Shoe–Brake	21	32	4
70–9860	Shaft–Cam	21	30	2
70–9870	Plate–Brake Backing	21	33	2
70–9880	Spring–Extension	21	31	4
71–1500	Asm–Brake	21	*	2
72–4790	Hold–Down–Battery	10	12	1
74–0720	Tube–Manual	7	4	1
74–9100	Pad–Forward	12	16	1
74–9110	Pad–Reverse	12	4	1
75–0540	Teather	17	2	1
75–4705	Hose–Fuel	11	47	1
75–5470	Spacer	13	18	1
75–6820	Hourmeter	3	18	1
76–0810	Asm–Housing	22	*	1
76–0810	Asm–Housing	23	*	1
76–0810	Asm–Housing	5	*	1
76–0840	Manifold	22	22	1
76–0850	Bearing–Thrust	22	12	1
76–0850	Bearing–Thrust	23	12	1
76–0850	Bearing–Thrust	5	12	1
76–0860	Shaft–Coupling	22	11	1
76–0860	Shaft–Coupling	23	11	1
76–0860	Shaft–Coupling	5	11	1
76–0870	Plate–Wear	22	18	1
76–0870	Plate–Wear	23	18	1
76–0870	Plate–Wear	5	18	1
76–0880	Asm–Commutator	22	*	1
76–0880	Asm–Commutator	23	*	1
76–0880	Asm–Commutator	5	*	1
76–0890	Asm–Cover End	23	29	1
76–0940	Asm–Cover, End	22	24	1
76–0940	Asm–Cover, End	5	24	1
76–1420	Wheel–Steering	6	1	1
76–8640	Stud–Traction	13	14	1
80–2110	Cable–Solenoid–Starter	9	2	1
80–8650	Coupler–Rubber	14	14	2
83–0020	Starter Switch	3	1	1
83–1031	Mount–Engine	11	31	4

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
83–1390	Fitting–Fuel Shut–Off	10	18	1
83–2220	Deflector–Exhaust	11	13	1
83–2230	Screw	11	12	4
83–2240	Arrester–Spark	11	*	1
83–2420	Cable–Positive	9	3	1
83–2420	Cable–Positive	11	25	1
83–7000	Asm–Cylinder	24	2	1
83–7250	Kit–Seal Repair	25	14	1
83–7260	Cone–Charge Relief	15	32	2
83–9310	Arm–Brake	8	10	2
83–9310	Lever–Brake	21	6	2
84–2000	Bracket–Brake	21	38	2
85–0290	Spacer–Seat Support	1	4	2
85–6540	Stud–Drive	21	17	8
85–8030	Chain	6	19	1
85–8290	Tire	21	15	2
85–8290	Tire	4	29	1
85–8300	Lever–Pump	13	2	1
85–8360	Seal–Cover	11	3	1
85–8430	Base–Air Cleaner	11	48	1
85–8450	Rod–Control	12	9	1
85–8460	Asm–Switch Arm	13	12	1
85–8490	Panel–RH	2	41	1
85–8570	Shroud–Lower	17	24	1
85–8600	Support–Engine	11	33	1
85–8640	Base–Engine	11	38	1
85–8670	Hub–Fan	14	27	1
85–8700	Hub–Pump	14	19	1
85–8730	Hub–Engine	14	18	1
85–8770	Coupling	14	16	1
85–8780	Tread–Floor RH	2	37	1
85–8790	Tread–Floor LH	2	38	1
85–8930	Retainer–Boot	10	4	1
85–8940	Asm–Flangette	4	27	1
85–8950	Flangette	4	25	1
85–8960	Spacer	12	3	1
85–9010	Boot–Steering	10	3	1
85–9020	Key–Square	14	17	1
85–9030	Spring–Extension	13	10	1
85–9120	Spacer	6	11	3
85–9120	Spacer	13	17	1
85–9150	Plate–Switch	13	19	1
85–9160	Spacer	24	1	1
85–9170	Pin–Cylinder	24	4	1
85–9180	Sprocket	6	21	1
85–9200	Joint–Universal	6	25	1
85–9220	Shaft–Steering Upper	6	28	1
85–9450	Hose–Hydraulic	14	35	1
85–9460	Cooler–Oil	17	30	1
85–9510	Screen–Filler	17	4	1
85–9550	Clamp–Rubber	17	35	2
85–9560	Fan	14	28	1
85–9570	Hose–Hydraulic	24	14	1
85–9570	Hose–Hydraulic	18	33	1
85–9580	Hose–Hydraulic	24	5	1
85–9580	Hose–Hydraulic	18	32	1
85–9590	Hose–Hydraulic	14	25	1
85–9590	Hose–Hydraulic	17	28	1
85–9610	Hose–Hydraulic	14	1	2
85–9640	Hose–Hydraulic	4	12	2
85–9660	Plate–Seat Adjust	7	5	1
85–9670	Nut–T	17	34	2
85–9680	Panel–LH	2	40	1
87–2710	Asm–Lever	8	22	1
87–4710	Spacer–Parking Brake	8	24	1
88–8110	Asm–Screen, R.H.	17	33	1
88–8120	Asm–Screen, L.H.	17	31	1
88–8160	Plate–Valve	15	15	1
88–8170	Asm–Housing, Variable	15	45	1
88–8180	Shaft–Trunnion	15	27	1
88–8190	Bearing–Journal	15	24	1
88–8210	Plug	15	33	2
88–8230	Seal–Lip	16	53	1
88–8280	Lever–Steering Adjust	6	5	1
88–8290	Asm–Steering Column	6	26	1
88–8330	Cable–Engine Ground	9	4	1
88–8330	Cable–Negative	11	21	1
88–8350	Tab–Bearing	4	31	1
88–8480	Bracket–Pivot	18	6	1
88–8510	Dowel	6	30	2
88–8520	Block–Lock Lower	6	31	1
88–8530	Block–Lock Upper	6	7	1
92–1678	Battery	10	15	1
92–1715	Spacer	21	37	8
92–2343	Asm–Pedal	12	15	1
92–2344	Trunnion	12	11	1
92–8776	Plug	15	5	2
92–8777	O–Ring	15	6	2
92–8959	Reservoir–Hydraulic	17	40	1
92–8969	Spindle	4	24	1
92–8976	Seat	7	21	1
92–8977	Hose–Air Cleaner	3	12	1
93–2190	Asm–Air Cleaner	3	9	1
93–2195	Element–Air Cleaner	3	23	1
93–4365	Asm–Reservoir Cap	17	3	1
93–6668	Decal–Battery	10	25	1
93–6838	Hub–Wheel	4	4	1
93–6838	Hub–Wheel	21	16	2
93–6850	Lever–Brake	21	40	2
93–7170	Cap–Fuel	10	2	1
93–7252	Decal–CE	1	16	1
93–7272	Decal–Caution	17	38	2
93–7276	Decal–Danger	10	26	1
93–7442	Decal–Parking Lever	3	19	1
93–9050	Decal–Instruction	2	43	1
93–9051	Decal–Eccentric Bolt	13	22	1
93–9052	Decal–Danger	2	36	3
93–9053	Decal–Warning	2	48	1
93–9081	Decal–Blank	26	5	1
94–1414	Valve–Air Cleaner	3	24	1
94–2690	Filter–Fuel	10	9	1
94–3652	Asm–Cover	3	22	1
94–4513	Ring–Retaining	6	8	1
94–4514	Pin–Tilt Lock	6	6	1
94–4519	Cover–Cable	11	22	1
94–6116	Rim	21	27	2
94–6116	Rim	4	38	1
94–8178	Kit–Seal	22	*	1
94–8178	Kit–Seal	23	*	1
94–8178	Kit–Seal	5	*	1
95–0553	Plate–Pump	13	7	1
95–0629	Fitting–Hydraulic 90°	14	32	1
95–0632	Cover	11	53	1
95–0645	Plate–Hot Surface	11	10	1
95–5806	Band–Mounting	3	8	1
95–5808	Cap–End	15	7	1
95–5809	Ball Bearing	15	20	1
95–5810	Shaft	16	47	1
95–5812	Asm–Gerotor	15	39	1
95–5813	Ring–Retaining	15	21	1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
95–5815	Spring–Valve, Acceleration	15	8	1
95–5816	Plug	15	11	2
95–5823	Bracket–Lever	8	2	1
95–5824	Rod–Adjustment	21	39	2
95–5827	Asm–Muffler Shield	11	11	1
95–5842	Asm–Hydraulic Pump	14	8	1
95–5844	Strap	8	19	2
95–5848	Rod–Traverse	8	16	1
95–9720	Fitting–Hydraulic Orificed	18	8	1
97–3055	Asm–Hydraulic Motor	21	8	1
98–0900	Bracket–Bearing LH	8	11	1
98–0901	Bracket–Bearing RH	8	12	1
98–0902	Panel–Rear RH	2	42	1
98–0917	Rod–Seat	1	26	1
98–0918	Fender–RH	1	7	1
98–0920	Valve–Acceleration	15	9	2
98–0922	Bracket–Hourmeter	8	25	1
98–0924	Guide–Chain	6	33	1
98–0925	Bracket–Chain	6	34	1
98–0926	Strap	4	32	1
98–0927	Tank–Fuel	10	1	1
98–0928	Shaft–Steering Lower	6	23	1
98–0929	Plate–Chain Stay	6	38	1
98–0930	Asm–Engine	11	46	1
98–0932	Asm–Hydraulic Tube	4	10	1
98–0932	Tube–Hydraulic	18	39	1
98–0933	Asm–Hydraulic Tube	14	3	1
98–0933	Asm–Hydraulic Tube	4	13	1
98–0934	Asm–Hydraulic Tube	21	9	1
98–0934	Tube–Hydraulic	18	41	1
98–0935	Asm–Hydraulic Tube	21	10	1
98–0935	Tube–Hydraulic	18	40	1
98–0936	Asm–Hydraulic Tube	21	23	1
98–0936	Tube–Hydraulic	18	38	1
98–0937	Asm–Hydraulic Tube	21	22	1
98–0937	Tube–Hydraulic	18	37	1
98–0938	Asm–Hydraulic Tube	14	5	1
98–0938	Tube–Hydraulic	18	36	1
98–0950	Asm–Fork	4	7	1
98–0953	Cover–Air Cleaner	11	2	1
98–0958	Asm–Hydraulic Motor	4	1	1
98–0959	Asm–Hydraulic Motor	21	12	1
98–0960	Muffler	11	14	1
98–0962	Asm–Frame	2	34	1
98–0963	Bracket–Bulkhead	18	13	1
98–0965	Asm–Top Panel	2	44	1
98–0966	Asm–Panel–Rear LH	1	29	1
98–0969	Hose–Hydraulic	17	17	1
98–0969	Hose–Hydraulic	14	30	1
98–0970	Hose–Hydraulic	17	11	1
98–0971	Fitting–Hydraulic 90°	17	10	1
98–0972	Decal–Sand Pro 5020	1	20	2
98–0973	Pin–Grooved	6	20	1
98–0975	Decal–Controls	3	16	1
98–0976	Hose–Fuel	10	7	1
98–0977	Decal–Service	7	8	1
98–0978	Spacer	6	15	2
98–0979	Pin–Lynch	7	11	1
98–0980	Strip–Seat Base	1	10	1
98–0981	Pad–Seat Base	1	12	1
98–0982	Strip–Fender	1	13	1
98–0983	Bracket–Fuel Tank	6	14	1
98–0984	Decal–Lift	3	17	1
98–0987	Tube–Hydraulic	18	31	1
98–0987	Tube–Hydraulic	17	37	1
98–0988	Asm–Hydraulic Tube	21	14	1
98–0988	Tube–Hydraulic	18	35	1
98–0989	Hose–Hydraulic	14	21	1
98–0989	Hose–Hydraulic	18	34	1
98–0991	Control–Choke/Throttle	3	7	2
98–0994	Harness–Wire	24	20	1
98–0994	Harness–Wire	18	43	1
98–0994	Wire Harness–Main	9	1	1
98–0994	Wire Harness–Main	10	33	1
98–0995	Hose–Fuel	10	21	1
98–0997	Fender–RH	26	1	1
98–0998	Fender–LH	26	6	1
98–0999	Wire–Ground	11	26	1
98–0999	Wire–Ground	10	34	1
98–8150	Seat Base	1	30	1
98–8151	Asm–Cooler Mount	17	25	1
98–8159	Pivot–Welded	18	21	1
98–8160	Latch–Valve Lever	1	8	1
99–1629	Guide–Lever	1	3	1
99–1632	Lever–Lift	18	20	1
218–461	Nut–Hex.	3	21	1
232–32	Valve–Stem	4	37	1
232–35	Valve–Stem	21	28	2
233–39	Handle	6	4	1
233–39	Knob–Lever	18	5	1
237–21	O–Ring	24	15	2
237–21	O–Ring	18	29	2
237–22	O–Ring	21	4	1
237–22	O–Ring	14	24	2
237–22	O–Ring	18	26	3
237–22	O–Ring	17	29	2
237–30	O–Ring	21	1	4
237–30	O–Ring	14	2	4
237–30	O–Ring	15	12	2
237–30	O–Ring	18	30	6
237–30	O–Ring	4	39	4
237–42	O–Ring	19	2	2
237–42	O–Ring	21	3	1
237–42	O–Ring	14	22	2
237–42	O–Ring	18	27	2
237–78	O–Ring	25	1	2
237–78	O–Ring	24	16	2
237–78	O–Ring	18	28	2
237–79	O–Ring	17	5	4
237–79	O–Ring	14	7	3
237–79	O–Ring	15	10	3
237–80	O–Ring	21	2	4
237–80	O–Ring	14	33	1
237–80	O–Ring	15	34	2
237–80	O–Ring	4	40	2
237–86	O–Ring	15	2	4
237–95	O–Ring	15	40	1
237–124	Grommet	10	27	1
237–143	Grommet	10	17	2
237–146	O–Ring	17	8	3
237–164	Grommet–Rubber	3	13	1
238–14	Pin–Clevis	8	5	1
240–2	Grommet	26	3	1
240–3	Grommet–Rubber	1	1	1
240–5	Grommet	18	19	2
240–11	Grommet	17	19	3
240–11	Grommet	10	22	4
242–50	Nut–Lug	21	18	8
242–50	Nut–Lug	4	23	4
2410–73	Retainer–Teather	17	1	1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
2412−36	Clamp−Hose	17	12	1
2412−36	Clamp−Hose	10	19	2
2412−93	Clamp−R	10	5	1
2412−98	Clamp−Hose	10	8	3
2412−98	Clamp−Hose	11	17	1
2412−109	Clip−J	10	20	1
2412−129	Clamp−Hose	17	7	3
2412−129	Clamp−Hose	14	31	2
2412−130	Clamp−Hose	3	11	2
2412−133	Clamp−R	7	1	2
2412−138	Clamp−R	18	23	2
251−307	Bearing	13	16	2
251−352	Asm−Bearing	4	26	1
252−82	Bearing−Needle	15	44	1
254−61	Bearing−Cup	4	21	2
254−70	Bearing−Cone	4	20	2
256−113	Bushing−Flange	13	11	2
256−185	Bushing−Sleeve	6	27	1
256−219	Bushing−Flange	12	2	2
2710−11	Link−Connecting	6	18	2
2710−20	Link−Offset	18	12	1
282−2	Clevis−Adjustment	21	42	2
283−1	Pin−Clevis	21	43	2
283−62	Pin−Clevis	8	18	1
285−17	Plug	3	25	1
285−17	Plug−Pipe	15	23	2
302−5	Fitting−Grease	4	36	1
302−33	Fitting−Grease	6	32	1
302−33	Fitting−Grease	4	34	1
302−60	Fitting−Grease	13	13	1
321−3	Screw−HH	10	14	2
321−3	Screw−HH	1	28	2
321−4	Screw−HH	17	14	6
321−4	Screw−HH	21	35	8
321−9	Screw−HH	8	23	1
321−10	Screw−HH	4	16	1
321−23	Screw−HH	18	7	4
322−2	Screw−HH	7	3	6
322−2	Screw−HH	17	22	2
322−2	Screw−HH	2	49	1
322−3	Screw−HH	26	2	4
322−3	Screw−HH	6	13	4
322−3	Screw−HH	17	42	2
322−4	Screw−HH	14	15	8
322−4	Screw−HH	11	29	8
322−4	Screw−HH	15	38	4
322−5	Screw−HH	6	10	3
322−5	Screw−HH	3	14	2
322−8	Screw−HH	13	15	1
322−8	Screw−HH	11	55	2
322−10	Screw−HH	11	36	2
322−11	Screw−HH	8	20	2
322−14	Screw−HH	12	1	1
322−43	Screw−HH	6	3	1
323−5	Screw−HH	17	21	3
323−5	Screw−HH	10	24	4
323−5	Screw−HH	11	34	4
323−9	Screw−HH	1	5	2
323−10	Screw−HH	13	1	1
323−10	Screw−HH	11	35	2
323−11	Screw−HH	24	3	1
323−11	Screw−HH	11	37	2
323−29	Screw−HH	4	28	3
323−34	Screw−HH	24	11	1
323−45	Screw−HH	16	55	4
325−5	Screw−HH	24	22	4
325−11	Screw−HH	6	35	2
325−13	Screw−HH	21	20	8
3210−2	Screw−HH	11	54	2
3217−5	Nut−Hex.	10	13	2
3218−2	Nut−Jam	7	18	2
3218−5	Nut−Jam	12	10	1
3218−13	Nut−Jam	1	22	2
3219−14	Nut−Hex	1	21	2
3220−2	Nut−Jam	21	41	2
3230−20	Bolt−CARR	1	6	2
3234−1	Screw−HFH	8	8	4
3234−4	Screw−HFH.	1	15	2
3234−7	Screw	2	39	5
3234−29	Screw−HFH	2	47	2
3241−5	Screw−Set, Sq. Hd.	14	11	6
3253−3	Washer−Lock	17	13	2
3253−3	Washer−Lock	18	24	1
3253−4	Washer−Lock	7	2	2
3253−4	Washer−Lock	6	37	2
3253−7	Washer−Lock	21	21	8
3254−1	Washer−Lock	1	24	2
3254−2	Washer−ITLW	11	24	1
3254−2	Washer−Lock	1	23	2
3254−2	Washer−Lock	10	35	1
3254−5	Washer−Lock	3	20	1
3255−7	Washer−ETLW	11	8	3
3256−1	Washer−Flat	7	7	4
3256−2	Washer−Flat	1	17	1
3256−22	Washer−Flat	10	11	2
3256−23	Washer−Flat	12	5	1
3256−23	Washer−Flat	3	5	2
3256−23	Washer−Flat	6	9	3
3256−23	Washer−Flat	8	21	2
3256−23	Washer−Flat	7	32	1
3256−24	Washer−Flat	1	11	4
3256−24	Washer−Flat	12	13	2
3256−24	Washer−Flat	11	30	8
3256−26	Washer−Flat	12	8	1
3256−26	Washer−Flat	24	21	4
3257−32	Key−Woodruff	14	9	2
3257−32	Key−Woodruff	15	19	2
3257−42	Key−Woodruff	21	5	1
3257−42	Key−Woodruff	22	17	1
3257−42	Key−Woodruff	23	17	1
3257−42	Key−Woodruff	5	17	1
3258−166	Screw−Round Hd.	7	6	4
3269−32	Rivet−Pop	11	9	2
3272−4	Pin−Cotter	1	18	2
3272−6	Pin−Cotter	21	44	2
3272−10	Pin−Cotter	8	17	2
3272−10	Pin−Cotter	21	45	2
3272−12	Pin−Cotter	8	15	2
3272−16	Pin−Cotter	12	7	1
3272−37	Pin−Cotter	4	17	1
3274−5	Screw−HSH	14	20	2
3274−12	Screw−HSH	7	33	4
3274−31	Screw−HH	10	30	1
3274−56	Screw−HSH	2	50	1
3274−86	Screw−HSH	17	27	2
3274−93	Screw−HSH	4	6	2
3289−24	Screw−HSFH	6	29	1
3290−199	Speed Nut	2	52	1
3290−256	Pin−Hair	24	18	2
3290−360	Screw−HH	18	3	2

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
3290–378	Tie–Cable	11	23	2
3290–378	Tie–Cable	10	29	1
3290–378	Tie–Cable	18	42	1
3290–379	Tie–Wire	24	19	1
3290–477	Washer–Curved	8	1	1
3290–477	Washer–Curved	18	25	1
3290–496	Nut–Panel	2	46	4
3290–509	Tie–Mount	10	28	1
3296–2	Nut–Lock	18	4	2
3296–2	Nut–Lock	3	6	4
3296–4	Nut–Lock	13	8	1
3296–4	Nut–Lock	6	16	2
3296–8	Nut–Lock	18	1	3
3296–8	Nut–Lock	4	8	1
3296–9	Nut–Lock	13	21	2
3296–23	Nut–Lock	4	2	2
3296–23	Nut–Lock	14	10	2
3296–23	Nut–Lock	12	12	1
3296–25	Nut–Lock	6	36	2
3296–29	Nut–Lock	26	4	4
3296–29	Nut–Hex.	14	12	8
3296–29	Nut–Lock	13	4	2
3296–29	Nut–Lock	3	4	2
3296–29	Nut–Lock	8	4	2
3296–29	Nut–Lock	12	6	1
3296–29	Nut–Lock	1	9	3
3296–29	Nut–Lock	6	12	6
3296–29	Nut–Lock	7	12	10
3296–29	Nut–Lock	11	20	4
3296–29	Nut–Lock	17	23	4
3296–29	Nut–Lock	11	32	8
3296–39	Nut–Lock	8	6	4
3296–39	Nut–Lock	12	14	1
3296–39	Nut–Lock	24	17	1
3296–39	Nut–Lock	1	19	2
3296–39	Nut–Lock	4	22	3
3296–39	Nut–Lock	13	23	1
3296–39	Nut–Lock	11	28	4
3296–42	Nut–Lock	8	3	1
3296–42	Nut–Lock	7	25	4
3296–42	Nut–Lock	1	27	2
3296–42	Nut–Lock	21	36	8
32103–12	Nut–Wing	10	10	2
32104–6	Screw–HH	4	33	2
32105–13	Screw–HH	3	3	4
32105–21	Screw–Machine	13	3	2
32115–15	Retainer	2	51	1
32120–11	Ring–Retaining	15	46	1
32120–47	Retainer	21	29	2
32121–6	Pin–Roll	8	9	2
32121–15	Pin–Roll	6	24	2
32121–73	Pin–Spring	18	22	1
32121–91	Pin–Spring	16	49	4
32121–111	Pin–Roll	6	2	1
32128–20	Nut–Flange Lock	1	14	1
32136–9	Nut–Hex.	4	18	1
32141–36	Level–Screw	7	17	2
32144–11	Screw–HWHTF	1	2	8
32144–11	Screw–HWHTF	18	14	4
32144–11	Screw–HWHTF	17	26	3
32144–11	Screw–TAP	10	6	3
32144–14	Screw–HWH	8	13	4
32144–18	Screw–HH	3	26	2
32144–73	Screw–HH	14	29	4
32148–6	Nut–Clinch	17	32	4
32148–8	Nut–Clinch	1	33	2
32148–11	Nut–Clinch	2	35	2
32151–46	Ring–Retaining	15	28	2
32152–10	Nut	25	3	1
3334–945	Tie–Cable	24	9	1
33113–008	Screw–HH	11	7	3
340–2	Fitting–Hydraulic Straight	21	13	1
340–6	Fitting–Hydraulic Straight	21	11	4
340–18	Fitting–Hydraulic 90°	17	36	2
340–77	Fitting–Hydraulic 90°	18	2	1
340–77	Fitting–Hydraulic 90°	14	23	2
340–86	Fitting–Hydraulic Tee	18	10	1
340–89	Fitting–Hydraulic 45°	4	30	2
340–92	Fitting–Hydraulic Straight	18	9	1
340–98	Fitting–Hydraulic 90°	14	6	2
340–121	Fitting–Hydraulic Tee	18	15	2
340–127	Nut–Bulkhead	18	16	2
340–142	Fitting–Hydraulic 90°	24	13	2
353–550	Plug–Hydraulic	17	39	1
353–987	Fitting–Hydraulic 90°	17	9	1
353–988	Plug	15	22	1
353–990	Plug	23	24	2
354–73	Fitting–Hydraulic Straight	17	16	1
354–120	Fitting–Hydraulic 90°	17	6	1
354–126	Fitting–Hydraulic 45°	14	34	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 Sand Pro 5020 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. In any correspondence concerning the Sand Pro 5020, 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 Sand Pro 5020.
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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Compliance with Radio Interference Regulations Certified.
Certifie Conforme au Reglement sur le Brouillage Radioelectrique.

Litho in U.S.A.

MAINTENANCE RECORD

Date								