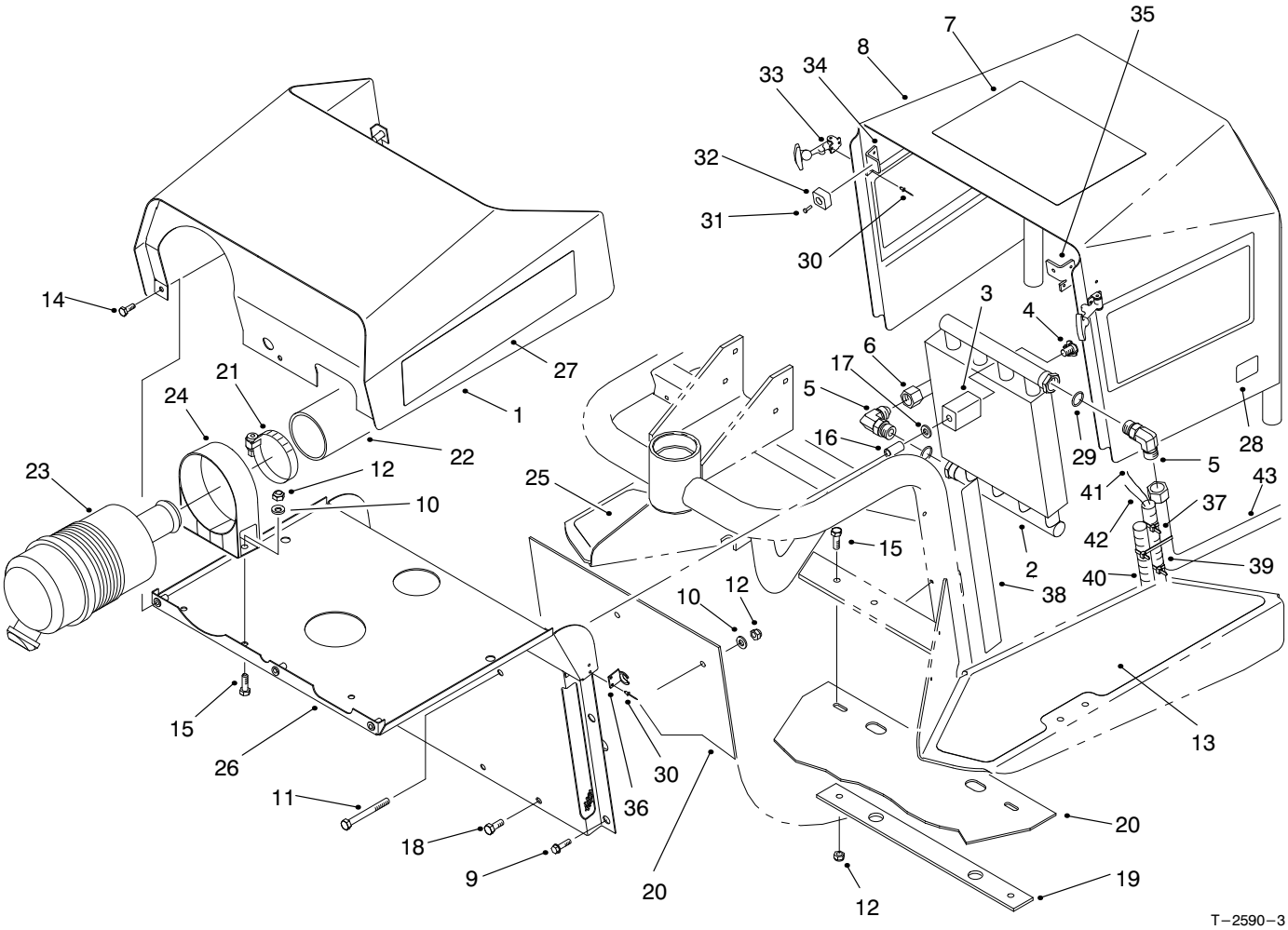
FORM NO. 3321−304

TORO®

MODEL NO. 08884−80001 & UP

PARTS CATALOG

SAND PRO® 2020



T−2590−3

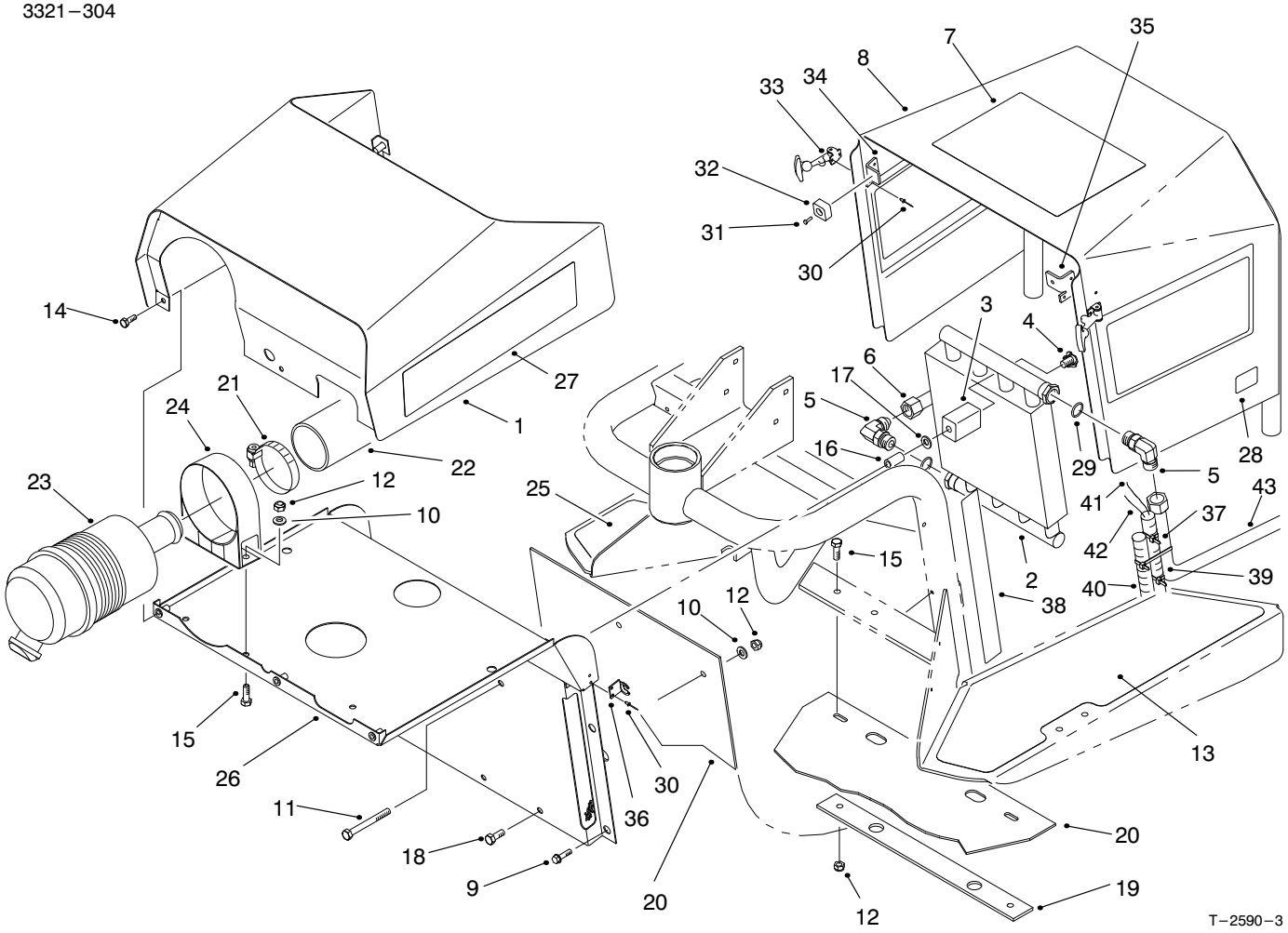
SHROUDING & OIL COOLER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	95−5818	Hood	1
2	92−8997	Cooler − Oil	1
3	85−9550	Clamp − Rubber	2
4	85−9670	T−Nut	2
5	353−371	Fitting − Hydraulic 90° (Incl. Ref. #29)	2
6	95−0643	Tube − Valve to Cooler	1
7	92−8985	Decal − Operating	1
8	95−0610	Asm−Cover (Incl. Ref. #7, 28, & 30−35)	1
9	46−8560	Screw − HFH	6
10	3256−23	Washer − Flat	4
11	322−14	Screw − HH	2
12	3296−29	Nut − Lock	6
13	92−7159	Tread − Floor, LH	1
14	3234−33	Screw − HFH	3
15	322−5	Screw − HH	4
16	95−5807	Spacer	2

Ref. No.	Part No.	Description	No. Used
17	3256−82	Washer − Flat	2
18	322−2	Screw − HH	2
19	95−0620	Strip − Retainer	1
20	95−5826	Shield − Rubber	1
21	2412−92	Clamp − Hose	2
22	95−0582	Hose − Air	1
23	95−5805	Asm−Air Cleaner	1
24	95−5806	Asm−Band, Mounting	1
25	92−7158	Tread − Floor, RH	1
26	95−5817	Shield − Front (Incl. Ref. #30 & 36)	1
27	95−0606	Decal − SandPro 2020	2
28	93−7252	Decal − CE Mark	1
29	237−79	O−Ring	2
30	3269−8	Rivet − Pop	10
31	3295−26	Rivet − Semi Tubular	2
32	94−1392	Pad − Rubber	2
33	117344	Handle − Latch	2

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TPS

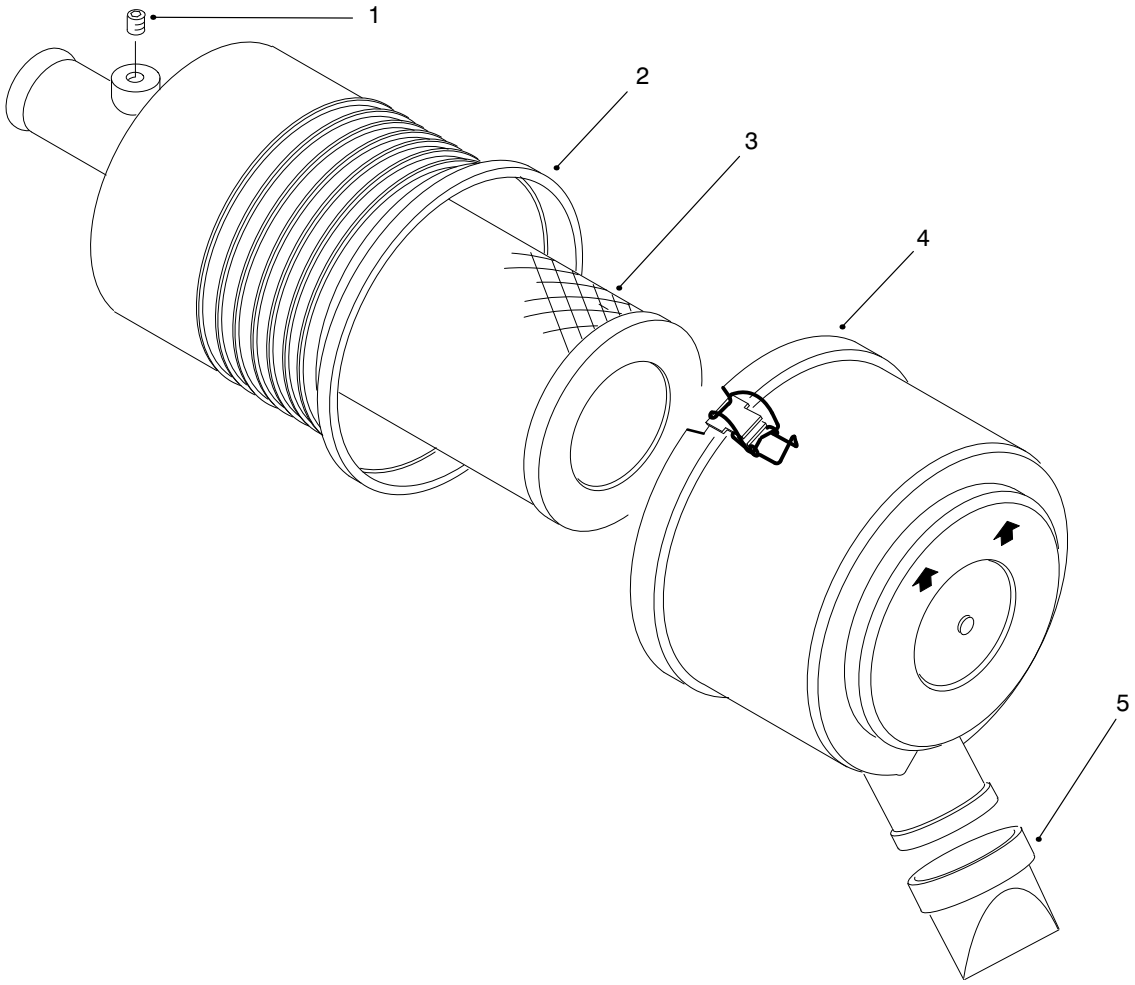


SHROUDING & OIL COOLER ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
34	95−0611	Bracket − RH	1
35	95−0612	Bracket − LH	1
36	249−40	Keeper	2
37	3290−378	Tie − Wire	3
38	95−5828	Strip − Wear	2
39	94−4519	Tube − Convoluted	1

Ref. No.	Part No.	Description	No. Used
40	95−0574	Wire Harness	1
41	95−5825	Asm−Wire	1
42	95−0599	Asm−Wire	1
43	95−0591	Hose − Hydraulic	1
*	95−7860	Decal − Infield Pro 2020	2

* Not Illustrated



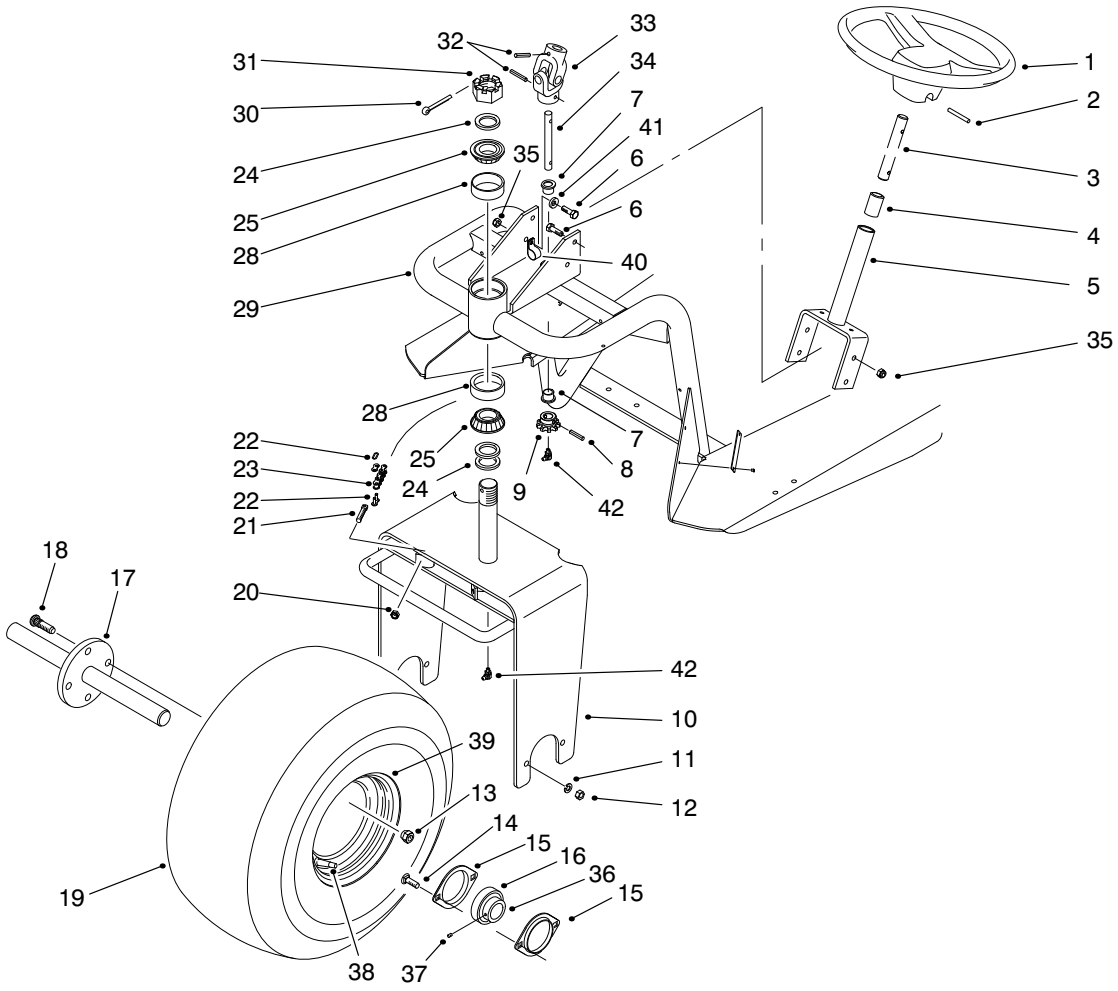
T−2607

AIR CLEANER ASSEMBLY NO. 95−5805

Ref. No.	Part No.	Description	No. Used
1	285−17	Plug	1
2		Asm−Body	1
3	93−2195	Element − Air Cleaner	1

Ref. No.	Part No.	Description	No. Used
4	94−3652	Asm−Cover	1
5	94−1414	Valve − Vacuator	1

* Not Illustrated

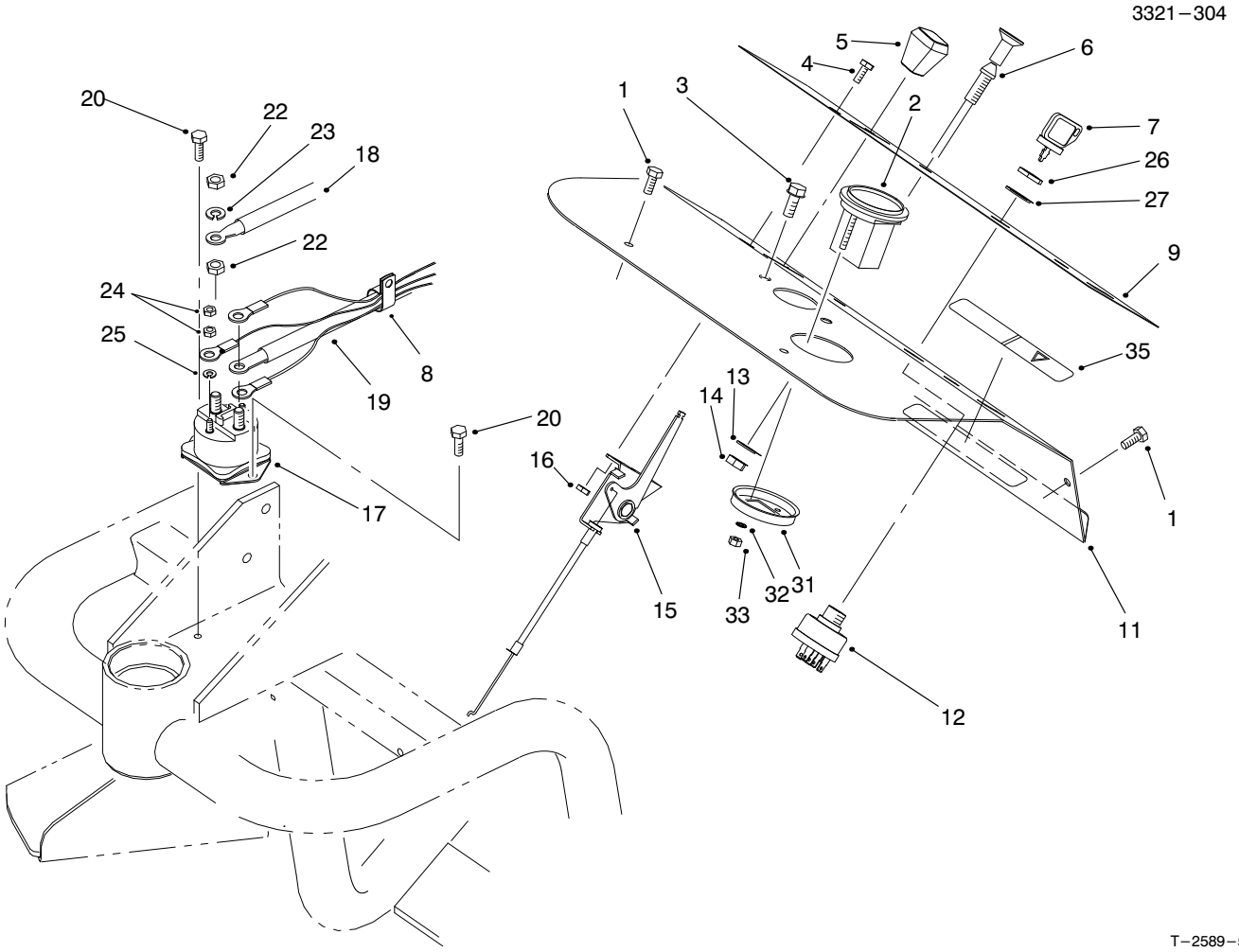


T−2581

FRONT WHEEL & STEERING ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	76−1420	Wheel − Steering	1
2	32121−111	Pin − Spiral	1
3	85−6610	Shaft − Steering Upper	1
4	256−185	Bushing − Sleeve	1
5	92−5035	Asm−Steering Shaft (Incl. Ref. #4)	1
6	322−5	Screw − HH	4
7	65−8770	Bushing − Flange	2
8	98−0973	Pin − Spiral	1
9	85−9180	Sprocket	1
10	95−0571	Fork − Offset	1
11	3253−21	Washer − Lock	4
12	3217−7	Nut − Hex.	4
13	242−50	Nut − Lug	4
14	3231−2	Bolt − Carriage	4
15	251−166	Flange − Bearing	4
16	251−165	Asm−Bearing (Incl. Ref. #36 & 37))	2
17	84−7940	Axle − Front	1
18	10−6830	Stud − Drive	4
19	85−8290	Tire	1
20	3296−4	Nut − Lock	2

Ref. No.	Part No.	Description	No. Used
21	18−6380	Pin − Steering Adjustment	2
22	2710−11	Link − Connecting	2
23	92−5039	Chain	1
24	18−6320	Washer − Steering	3
25	254−70	Cone − Bearing	2
28	254−61	Cup − Bearing	2
29	95−0600	Asm−Frame (Incl. Ref. #7)	1
30	3272−37	Pin − Cotter	1
31	32136−9	Nut − Slotted	1
32	32121−15	Pin − Spiral	2
33	85−9200	Knuckle − Steering	1
34	98−0928	Shaft − Steering, Lower	1
35	3296−29	Nut − Lock	4
36		Collar − Locking	1
37		Screw − Set	2
38	232−35	Stem − Valve	1
39	94−6116	Rim − Wheel	1
40	94−6821	R−Clamp	2
41	3256−23	Washer−Flat	2
42	302−33	Fitting−Grease	2

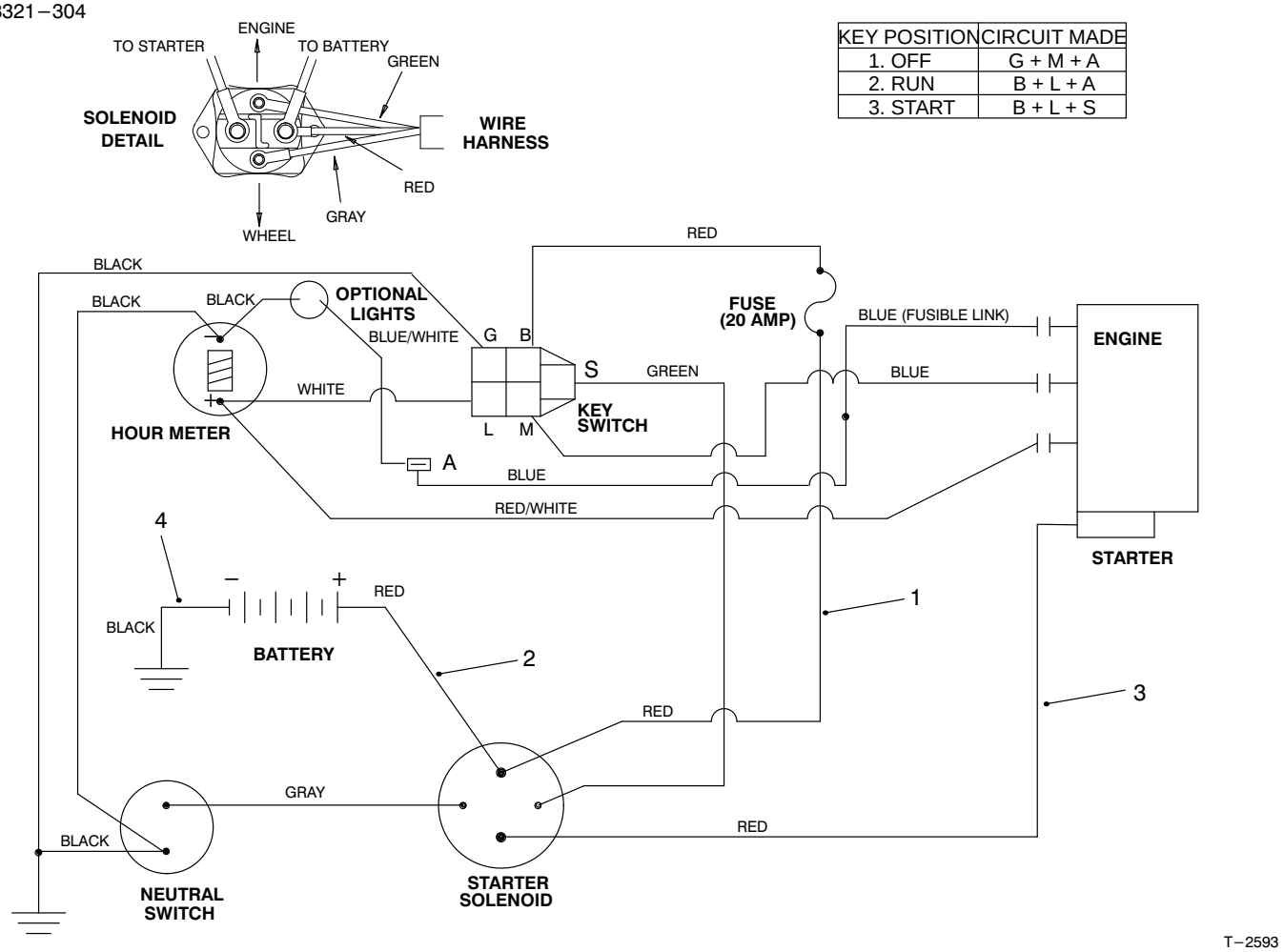


DASH PANEL ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3234−33	Screw − HH	4
2	66−2950	Asm−Hourmeter (Incl. Ref. #31−33)	1
3	32144−11	Screw − HFH	2
4	32105−2	Screw − HH	2
5	66−0120	Knob − Throttle	1
6	95−0597	Asm−Choke Control	1
7	63−8360	Key − Ignition	2
8	94−6821	Clamp − Wire	1
9	95−0648	Decal − Dash	1
11	95−0588	Panel − Dash	1
12	83−0020	Asm−Ignition Switch (Incl. Ref. #26 & 27)	1
13	3254−6	Washer − Lock ITLW	1
14	3219−3	Nut − Hex.	1
15	95−0598	Control − Throttle	1

Ref. No.	Part No.	Description	No. Used
16	3296−12	Nut − Lock	2
17	28−4210	Solenoid − Starter	1
18	95−5825	Asm−Wire	1
19	95−0599	Asm−Wire	1
20	32104−42	Screw − Self Tapping	2
22	3218−13	Nut − Jam	2
23	3253−4	Washer − Lock	2
24	3219−14	Nut − Hex.	4
25	3253−17	Washer − Lock	2
26	218−461	Nut − Hex.	1
27	3254−5	Washer − Lock ITLW	1
31		Clamp − Mounting	1
32	3255−20	Washer − Lock ITLW	2
33	3217−25	Nut − Hex.	2
34	95−0574	Harness − Wire	1
35	93−9052	Decal − Shields Missing	1

3321−304



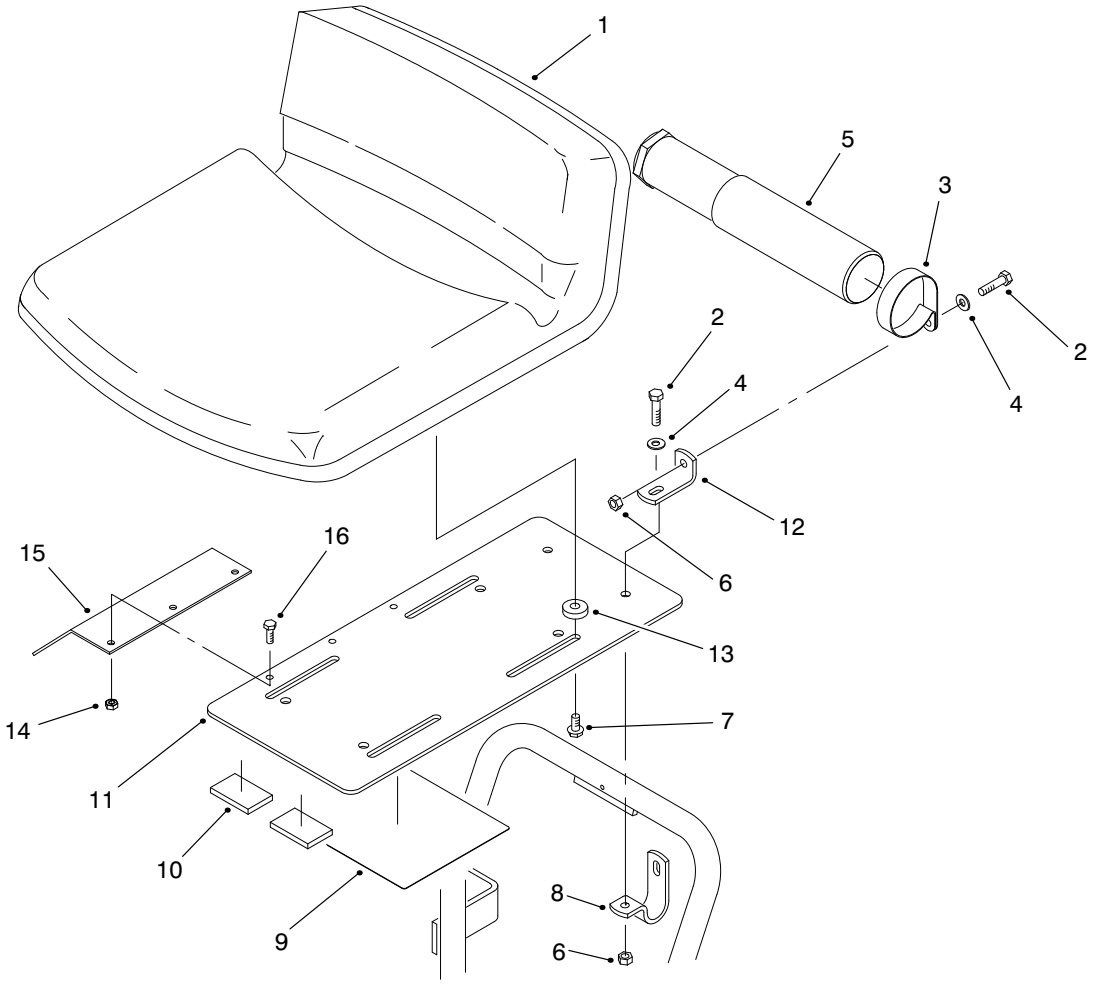
KEY POSITION	CIRCUIT MADE
1. OFF	G + M + A
2. RUN	B + L + A
3. START	B + L + S

T−2593

ELECTRICAL SCHEMATIC

Ref. No.	Part No.	Description	No. Used
1	95−0574	Harness − Wire	1
2	95−0599	Asm−Wire	1

Ref. No.	Part No.	Description	No. Used
3	95−5825	Wire	1
4	86−7450	Wire − Ground, Battery	1

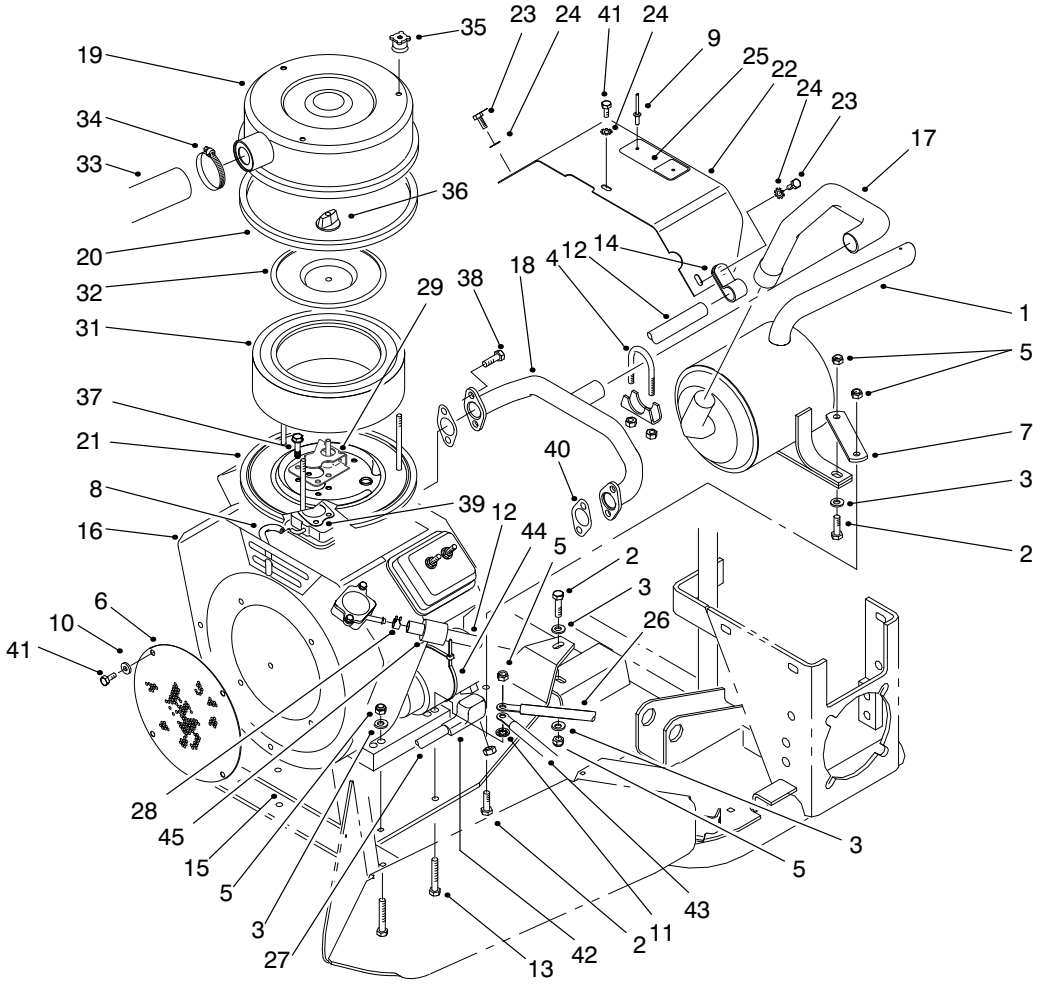


T−2586−2

SEAT ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	92−8976	Seat	1
2	322−6	Screw − HH	4
3	2412−133	Clamp − R	2
4	3256−3	Washer − Flat	4
5	74−0720	Tube − Manual	1
6	3296−29	Nut − Lock	4
7	3234−5	Screw − HH	4
8	92−8972	Clamp − Seat	2
9	95−0646	Decal − Service	1

Ref. No.	Part No.	Description	No. Used
9	93−7251	Decal − Service (Europe)	1
10	74−0340	Cushion − Rubber	2
11	95−0637	Plate − Seat	1
12	92−8973	Angle	2
13	62−6660	Spacer	4
14	3296−42	Nut−Lock	3
15	95−5840	Shield − Seat Base	1
16	321−4	Screw − HH	3



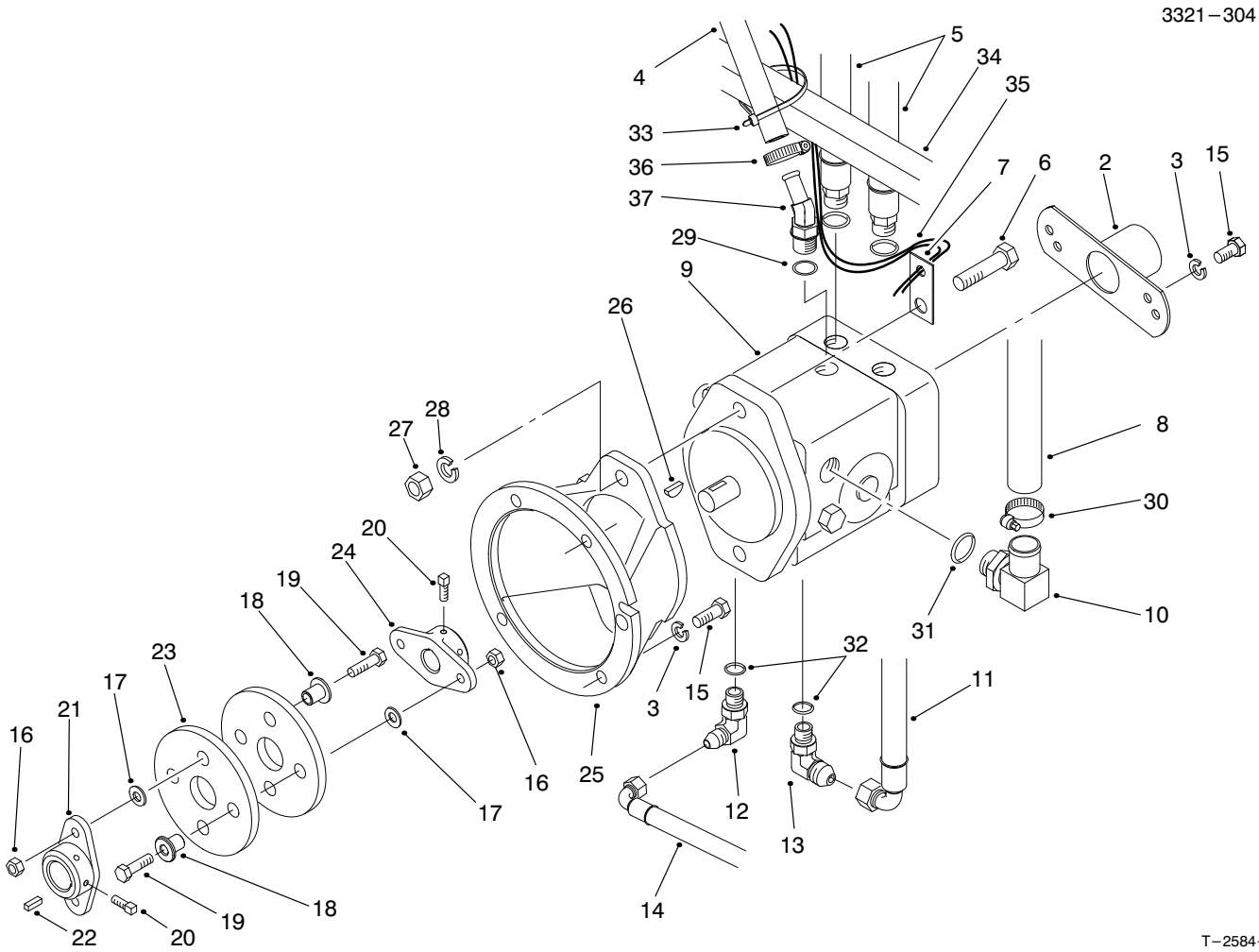
T−2588−5

ENGINE INSTALLATION ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	95−0552	Muffler	1
2	322−6	Screw − HH	3
3	3256−23	Washer − Flat	6
4	95−0586	Asm−Clamp, Muffler	2
5	3296−29	Nut − Hex.	7
6	92−8996	Screen	1
7	95−0557	Bracket − Muffler	1
8	75−4705	Hose − Fuel	1
9	3269−32	Rivet − Pop	2
10	3256−1	Washer − Flat	4
11	3255−8	Washer − Lock, Ext. Tooth	1
12	95−0619	Hose − Gas Line	1
13	322−10	Screw − HH	4
14	2412−73	R−Clamp	1
15	95−0556	Base − Engine	1
16	98−0940	Asm−Engine	1
17	95−0551	Tube − Exhaust	1
18	95−0550	Asm−Manifold	1
19	85−8370	Asm−Cover, Air Cleaner	1
20	85−8360	Gasket − Ring	1
21	85−8430	Asm−Base, Air Cleaner	1
22	95−5827	Shield − Muffler (Incl. Ref. # 9 & 25)	1

Ref. No.	Part No.	Description	No. Used
23	33113−012	Screw − HH	3
24	3255−7	Washer − Lock, Int. Tooth	3
25	95−0645	Plate − Hot Surface	1
26	86−7450	Wire − Battery, Ground	1
27	86−7570	Asm−Wire	1
28	2412−98	Clamp − Hose	1
29	85−0440	Shield − Carburetor, Inlet	1
31	83−1770	Element − Air Cleaner	1
32	85−0420	Plate − Cover	1
33	95−0582	Hose − Air	1
34	2412−92	Clamp − Hose	1
35	88−8640	Knob − Air Cleaner	3
36	85−0430	Knob − Air Cleaner	1
37	85−0460	Screw − Washer Face	5
38	85−0540	Screw	4
39	85−0470	Gasket − Carburetor	1
†40	805024	Gasket − Manifold	2
41	33113−008	Screw	4
42	83−2490	Boot	1
43	95−0574	Harness − Wire	1
44	3290−378	Tie − Cable	1
45	38−3400	Bumper − Rubber	1

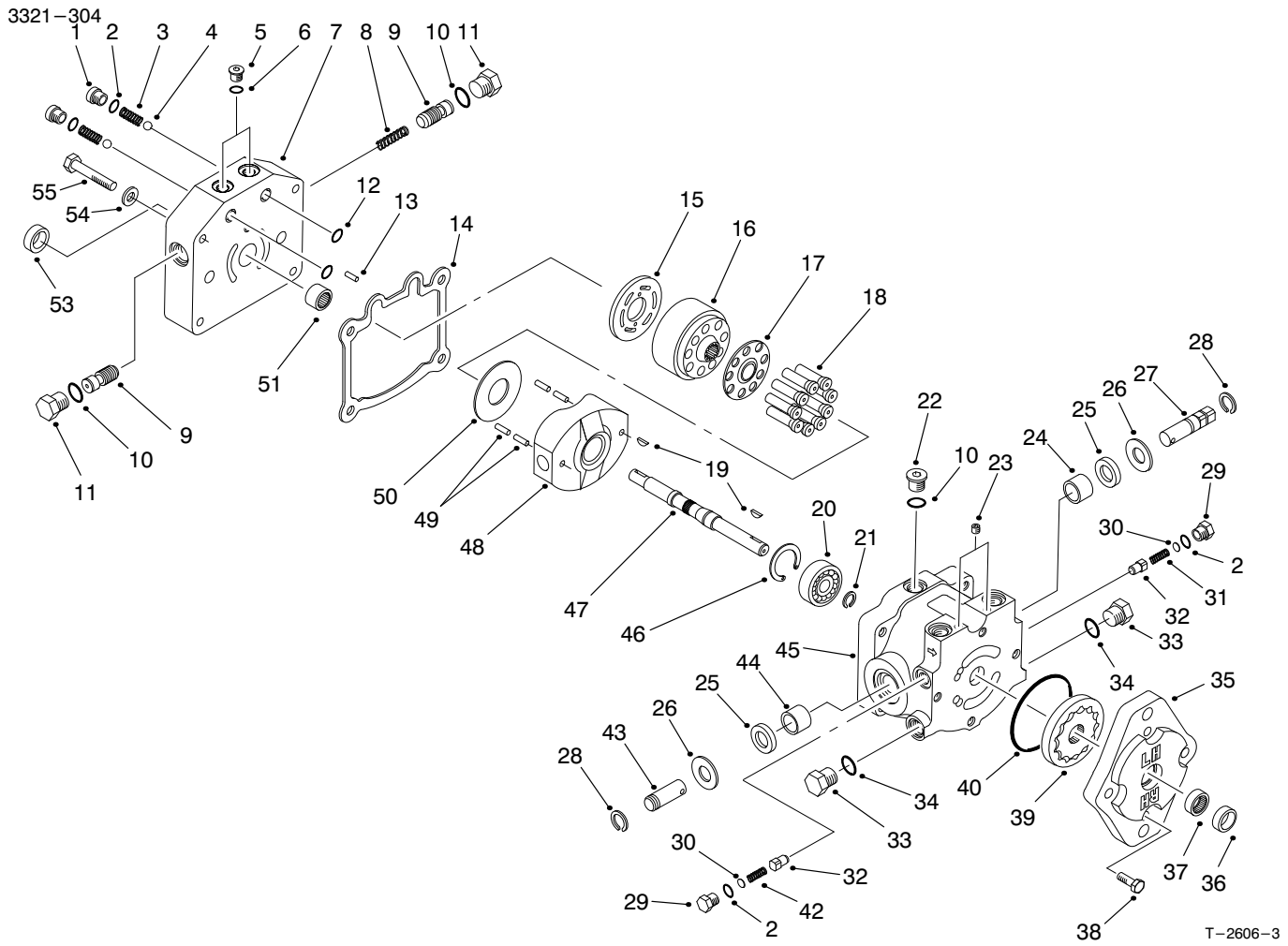
† Contact your local Briggs & Stratton dealers for replacement parts.



HYDRAULIC PUMP INSTALLATION ASSEMBLY

Ref. No.	Part No.	Description	No. Used
2	95−0632	Asm−Cover	1
3	3253−5	Washer − Lock	6
4	98−8153	Asm−Hydraulic Hose (Incl. Ref. #29)	1
5	95−0595	Asm−Hydraulic Hose (Incl. Ref. #29)	2
6	325−7	Screw − HH	2
7	26−2950	Standoff − Wire	1
8	95−0555	Hose − Suction	1
9	95−0587	Asm−Hydraulic Pump (Incl. Ref. #26)	1
10	95−0629	Fitting − Hose, Push On (Incl. Ref. #31)	1
11	95−0592	Hose − Hydraulic	1
12	353−511	Fitting − Hydraulic 90˚ (Incl. Ref. #32)	1
13	353−374	Fitting − Hydraulic 90˚ (Incl. Ref. #32)	1
14	95−0591	Hose − Hydraulic	1
15	323−6	Screw − HH	6
16	3296−29	Nut − Lock	4
17	3256−23	Washer − Flat	4

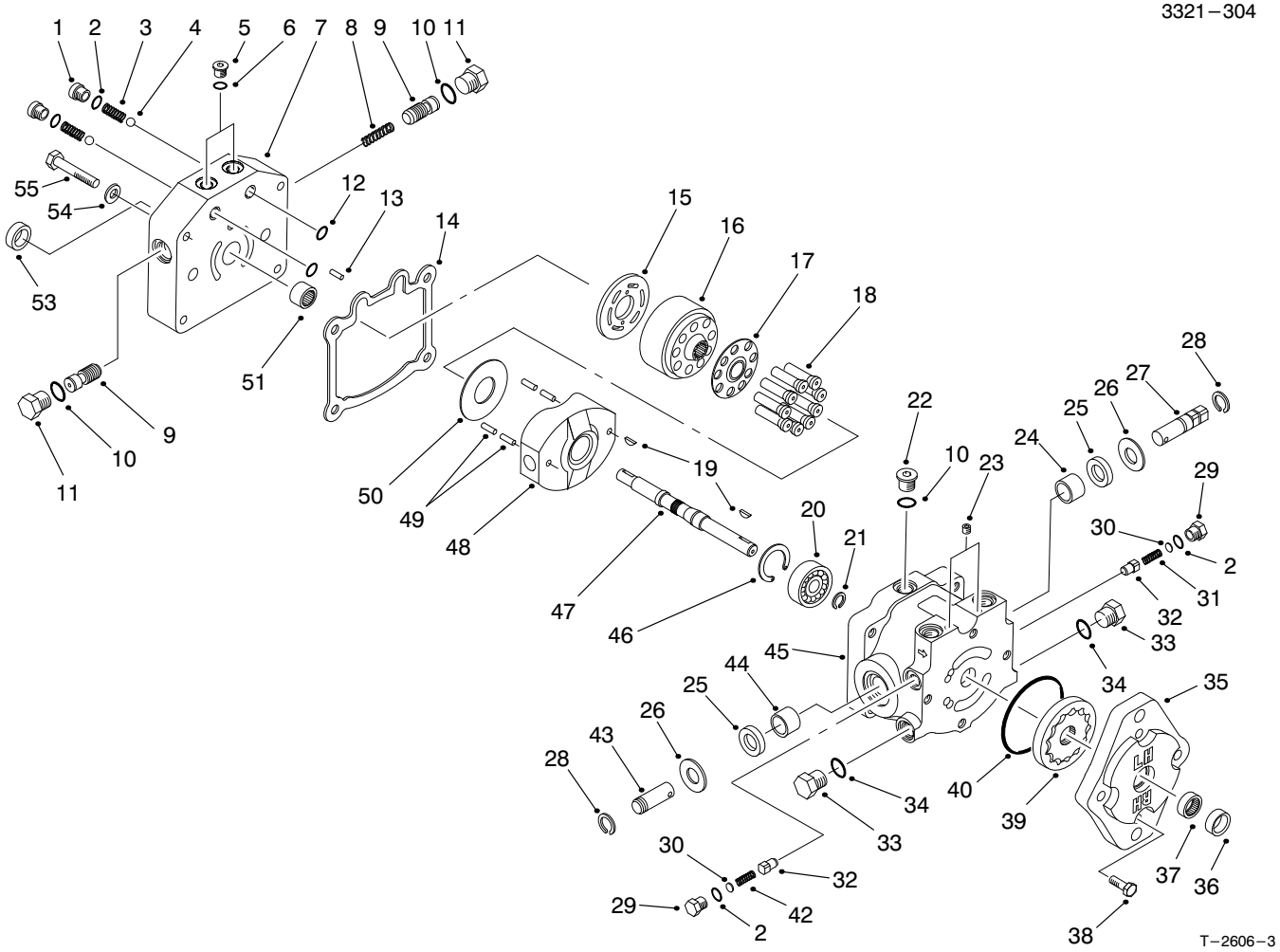
Ref. No.	Part No.	Description	No. Used
18	71−4411	Spacer − Coupling	4
19	322−17	Screw − HH	4
20	3241−5	Screw − Set, Square Hd.	4
21	27−1960	Hub − Engine	1
22	10−7070	Key − Square	1
23	80−8650	Coupling − Rubber	2
24	49−9600	Hub − Pump	1
25	95−0631	Mount − Pump	1
26	3257−32	Key − Woodruff	1
27	3217−9	Nut − Hex.	2
28	3253−7	Washer − Lock	2
29	237−79	O−Ring	3
30	2412−129	Clamp − Hose	1
31	237−80	O−Ring	1
32	237−42	O−Ring	2
33	3290−378	Tie − Cable	1
34	22−4670	Hose − Hydraulic	2
35	95−0574	Harness − Wire	1
36	2412−36	Clamp	1
37	354−126	Fitting − Barb (Incl. Ref. #29)	1



HYDRAULIC PUMP ASSEMBLY NO. 95−0587

Ref. No.	Part No.	Description	No. Used
1	25−2650	Plug	1
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	95−5814	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	95−5811	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



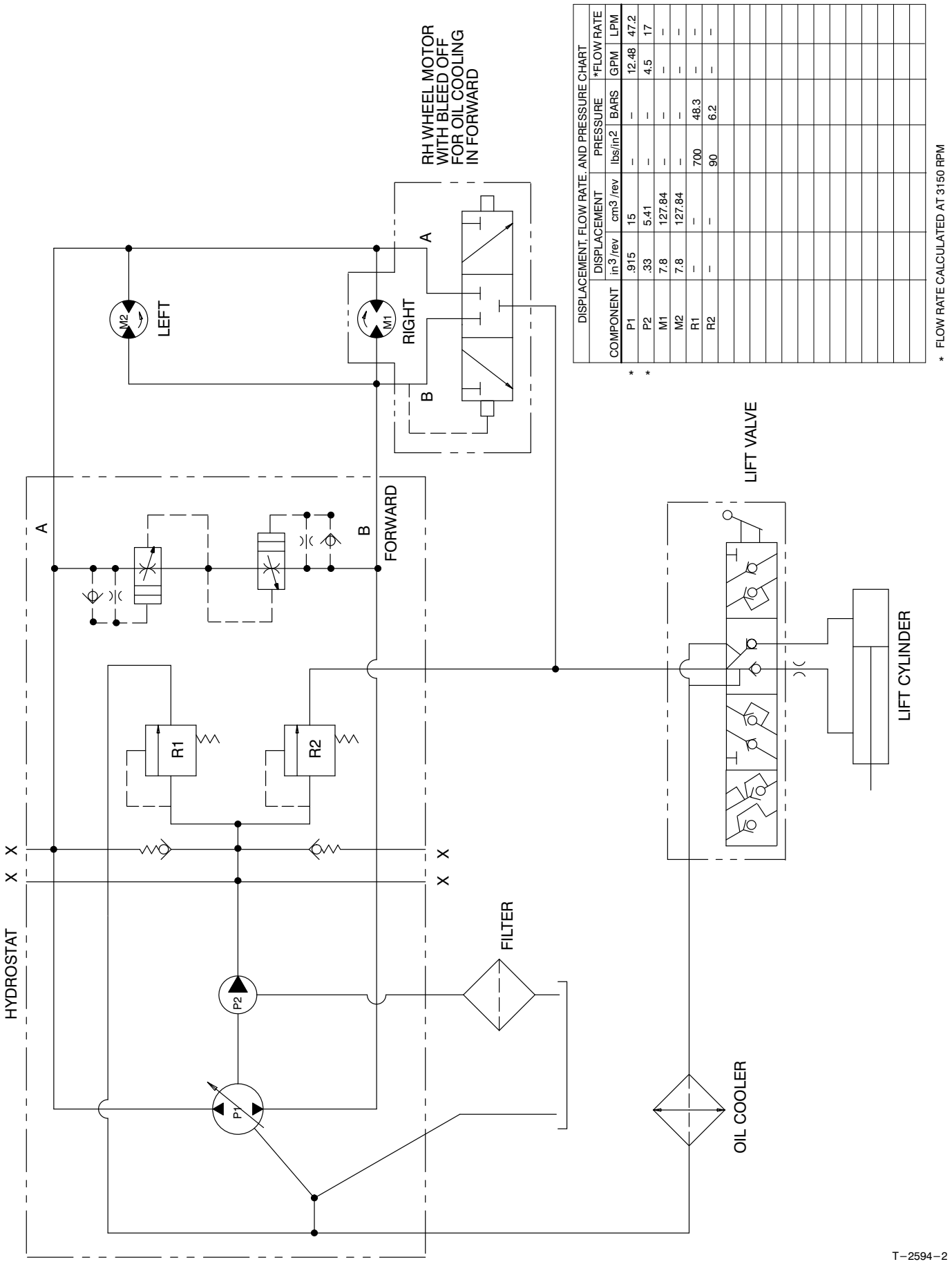
HYDRAULIC PUMP ASSEMBLY NO. 95−0587 (Continued)

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
55	323−45	Screw − HH	4

Ref. No.	Part No.	Description	No. Used
*	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

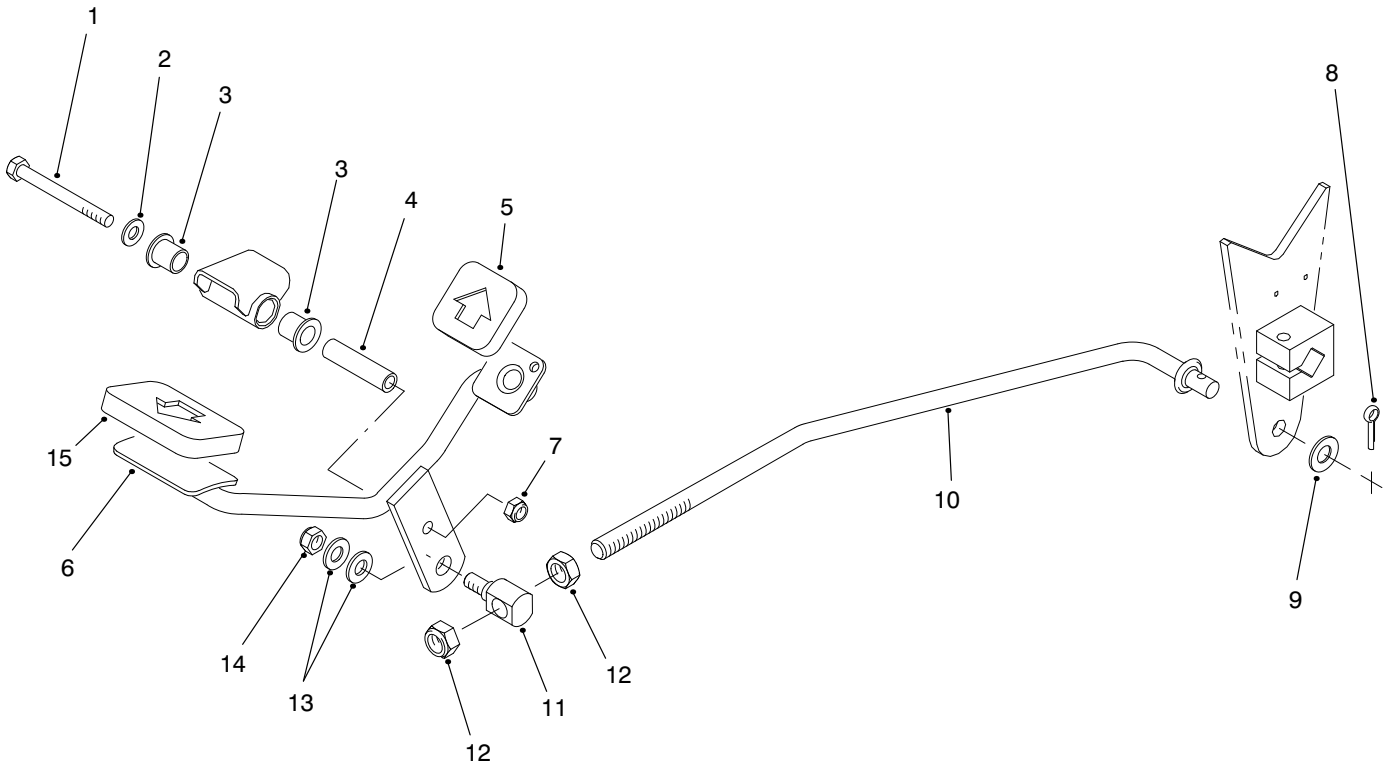
HYDRAULIC SCHEMATIC



DISPLACEMENT, FLOW RATE, AND PRESSURE CHART						
	COMPONENT	DISPLACEMENT		PRESSURE		*FLOW RATE
		in^3/rev	cm^3/rev	lbs/in2	BARS	GPM	LPM
*	P1	.915	15	–	–	12.48	47.2
*	P2	.33	5.41	–	–	4.5	17
	M1	7.8	127.84	–	–	–	–
	M2	7.8	127.84	–	–	–	–
	R1	–	–	700	48.3	–	–
	R2	–	–	90	6.2	–	–

* FLOW RATE CALCULATED AT 3150 RPM

T–2594–2

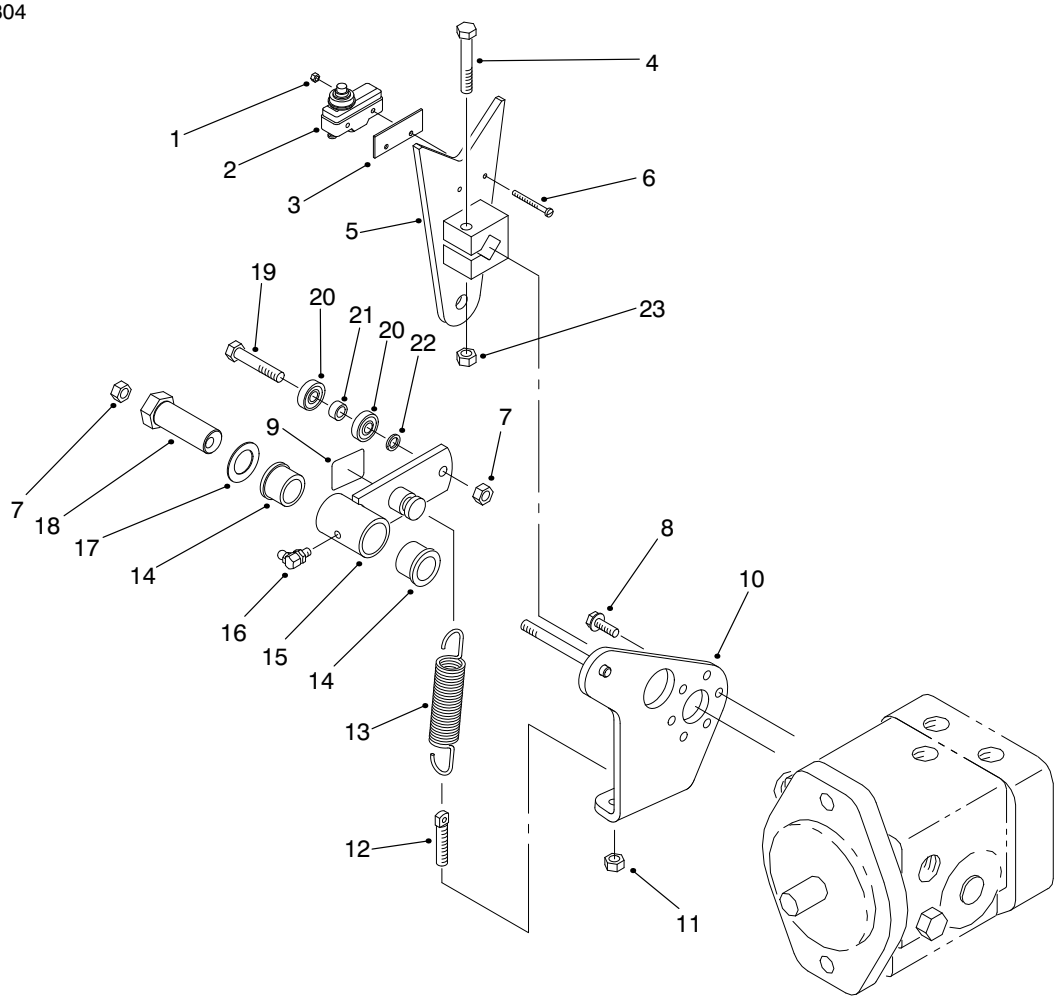


T−2582

TRACTION PEDAL ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	322−14	Screw − HH	1
2	3256−23	Washer − Flat	1
3	256−219	Bushing − Flange	2
4	85−8960	Spacer	1
5	74−9110	Pad −Pedal, Reverse	1
6	92−2343	Pedal	1
7	3296−29	Nut − Lock	1
8	3272−16	Pin − Cotter	1

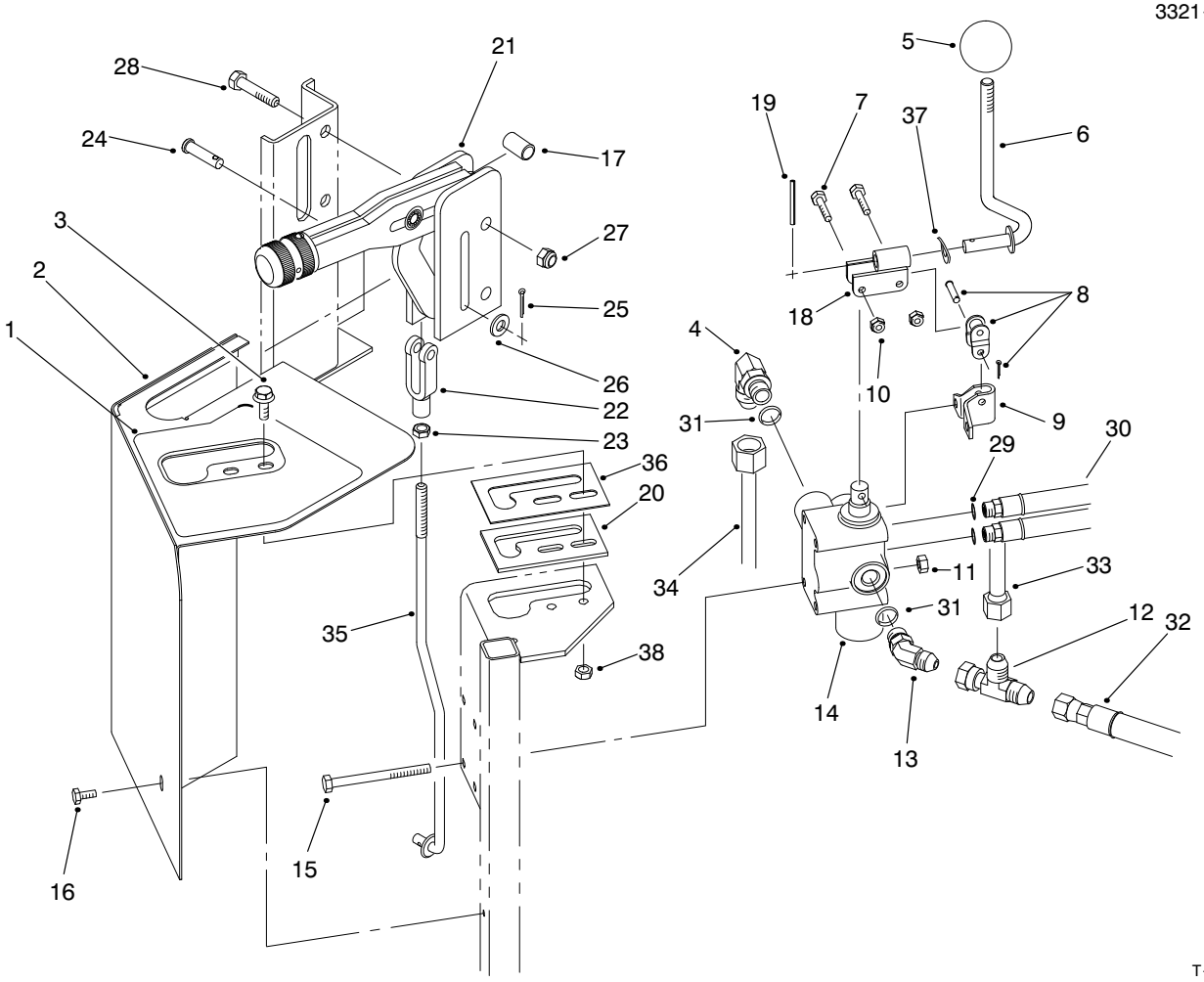
Ref. No.	Part No.	Description	No. Used
9	3256−25	Washer − Flat	1
10	95−0584	Rod − Pump, Control	1
11	92−2344	Stud − Adjuster, Trunnion	1
12	3218−5	Nut − Jam	2
13	3256−24	Washer − Flat	2
14	3296−39	Nut − Lock	1
15	74−9100	Pad − Pedal, Forward	1



PUMP CONTROL LEVER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3296−9	Nut − Lock	2
2	29−6163	Switch − Neutral	1
3	85−9150	Plate − Switch	1
4	323−10	Screw − HH	1
5	85−8300	Lever − Pump	1
6	32105−21	Screw − Machine	2
7	3296−29	Nut − Lock	2
8	49−2040	Screw − HFH	3
9	93−9051	Decal − Eccentric Bolt	1
10	95−0553	Plate − Pump	1
11	3296−4	Nut − Lock	1
12	18−6380	Pin − Steering, Adjust	1

Ref. No.	Part No.	Description	No. Used
13	85−9030	Spring − Extension	1
14	256−113	Bushing − Flange	2
15	85−8460	Asm−Switch Arm (Incl. Ref. #14 & 16)	1
16	302−60	Fitting − Grease	1
17	3−6498	Washer − Thrust	1
18	76−8640	Stud − Traction	1
19	322−8	Screw − HH	1
20	251−307	Bearing	2
21	85−9120	Spacer	1
22	75−5470	Spacer	1
23	3296−39	Nut − Lock	1

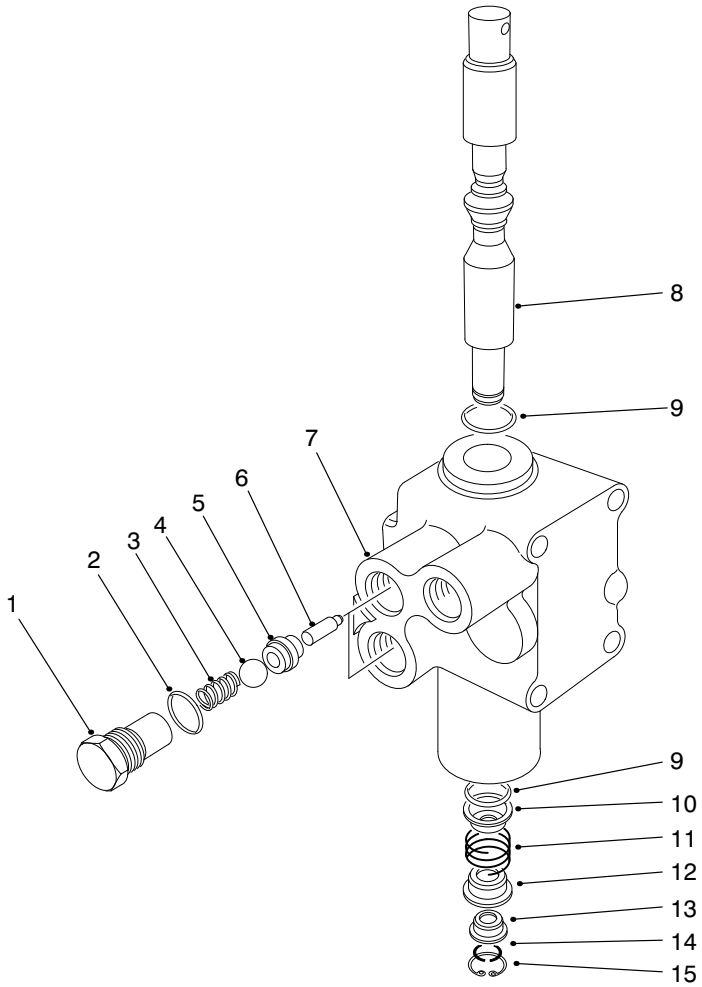


T−2595−3

LIFT VALVE INSTALLATION ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	95−0647	Decal − Lift	1
2	95−0601	Shroud − Lift Valve	1
3	3234−4	Screw − HH	2
4	353−511	Fitting − Hydraulic 90˚ (Incl. Ref. #31)	1
5	233−21	Knob	1
6	92−8981	Lever − Lift	1
7	3290−360	Screw − HH	2
8	2710−20	Link − Offset	1
9	88−8480	Bracket − Pivot	1
10	3296−2	Nut − Lock	2
11	3296−42	Nut − Lock	4
12	353−877	Fitting − Swivel Run Tee	1
13	353−212	Fitting − Hydraulic 45˚ (Incl. Ref. #31)	1
14	43−1710	Asm−Valve	1
15	321−23	Screw − HH	4
16	32104−76	Screw − Self Tapping	1
17	85−0290	Spacer − Support, Seat	2
18	92−8983	Pivot	1
19	32121−73	Pin − Spring	1

Ref. No.	Part No.	Description	No. Used
20	21−8640	Latch − Lever, Valve	1
21	95−0636	Lever − Brake	1
22	282−2	Clevis	1
23	3220−2	Nut − Hex.	1
24	283−14	Pin − Clevis	1
25	3272−6	Pin − Cotter	1
26	3256−23	Washer − Flat	1
27	3296−29	Nut − Lock	2
28	322−8	Screw − HH	2
29	237−78	O−Ring	2
30	22−4670	Hose − Hydraulic (Incl. Ref. #29)	2
31	237−42	O−Ring	2
32	95−0592	Hose − Hydraulic	1
33	95−0575	Tube − Valve, Shuttle	1
34	95−0643	Tube − Hydraulic	1
35	95−0628	Rod − Brake	1
36	95−5833	Guide − Lever, Lift	1
37	3290−477	Washer − Wave	1
38	3296−16	Nut − Lock	2



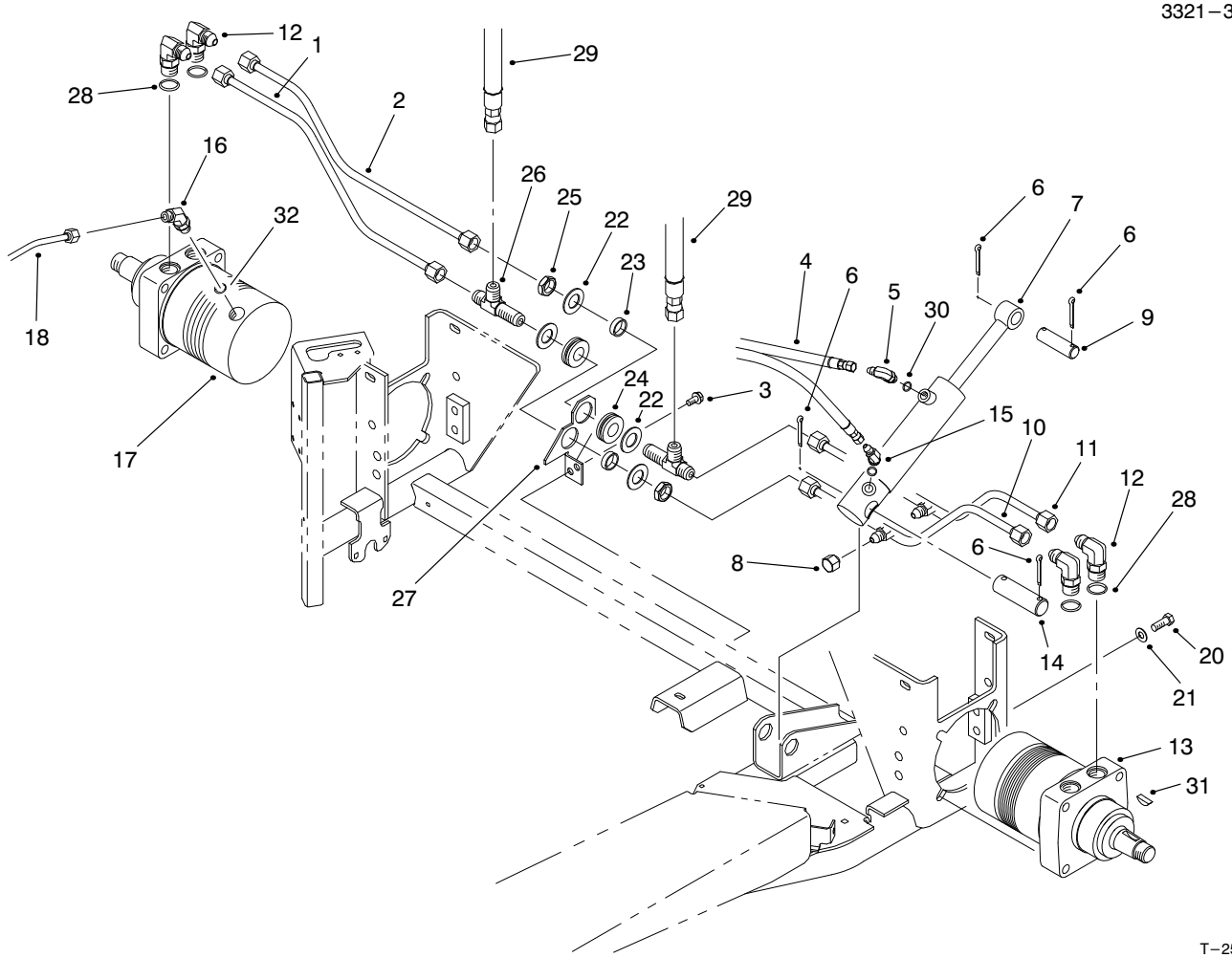
T−0428−2

HYDRAULIC LIFT VALVE ASSEMBLY NO. 43−1710

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

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

† Not Serviceable Separately

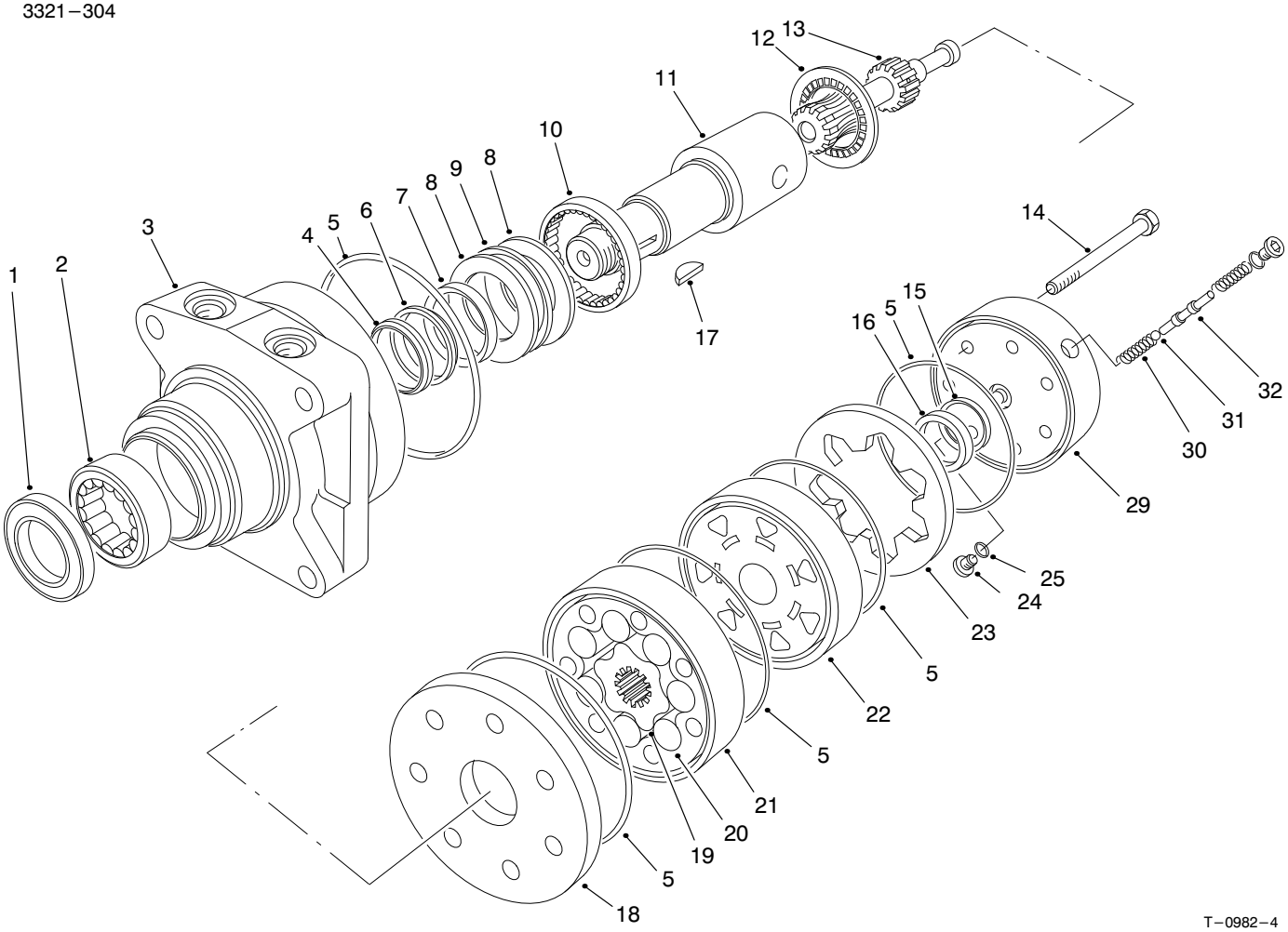


T−2585−3

REAR WHEEL DRIVE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	95−0564	Tube − Front, RH Rear Motor	1
2	95−0559	Tube − Rear,RH Rear Motor	1
3	32144−14	Screw − HWHTF	2
4	22−4670	Hose − Hydraulic	2
5	354−132	Fitting − Hydraulic 90˚ (Incl. Ref. #30)	1
6	3272−23	Pin − Cotter	4
7	83−7000	Cylinder − Hydraulic	1
8	95−0594	Cap − Fitting	2
9	18−7310	Pin − Cylinder, Rake	1
10	95−0560	Tube − Front, LH Rear Motor	1
11	95−0567	Tube − Rear, LH Rear Motor	1
12	353−426	Fitting − Hydraulic 90˚ (Incl. Ref. #28)	4
13	75−9831	Hydraulic Motor − Wheel	1
14	18−7160	Pin − Cylinder	1
15	353−431	Fitting − Hydraulic 45˚ (Incl. Ref. #30)	1

Ref. No.	Part No.	Description	No. Used
16	353−212	Fitting − Hydraulic 45˚ (Incl. Ref. #32)	1
17	75−9840	Hydraulic Motor − Wheel	1
18	95−0575	Tube − Shuttle Valve	1
20	325−5	Screw − HH	4
21	3256−26	Washer − Flat	4
22	69−8930	Washer	4
23	69−8960	Spacer	2
24	240−5	Grommet − Rubber	2
25	95−0642	Locknut − Bulkhead	2
26	95−0577	Fitting − Bulkhead, Tee	2
27	95−0568	Bracket − Bulkhead	1
28	237−79	O−Ring	4
29	95−0595	Hose − Hydraulic	2
30	237−78	O−Ring	2
31	3257−42	Key − Woodruff	2
32	237−42	O−Ring	1



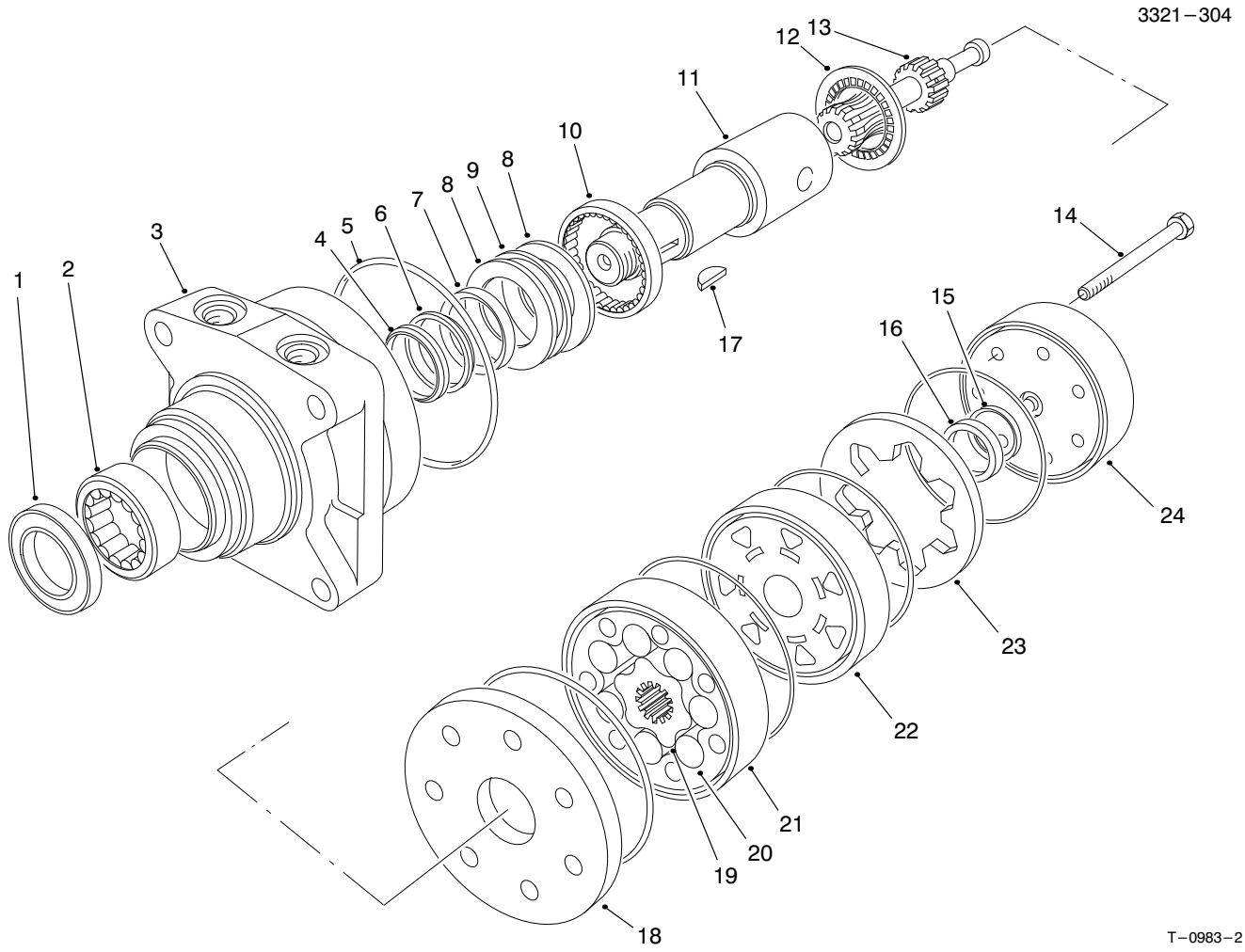
T−0982−4

HYDRAULIC DRIVE MOTOR RIGHT REAR NO. 75−9840

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	76−0820	Link − Drive	1
14	76−1040	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
20		Vane	7

Ref. No.	Part No.	Description	No. Used
21		Stator	1
22	76−0840	Manifold	1
23		Ring − Commutator	1
24	353−990	Plug (Incl. Ref. #25)	2
25	237−78	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
*	76−0830	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

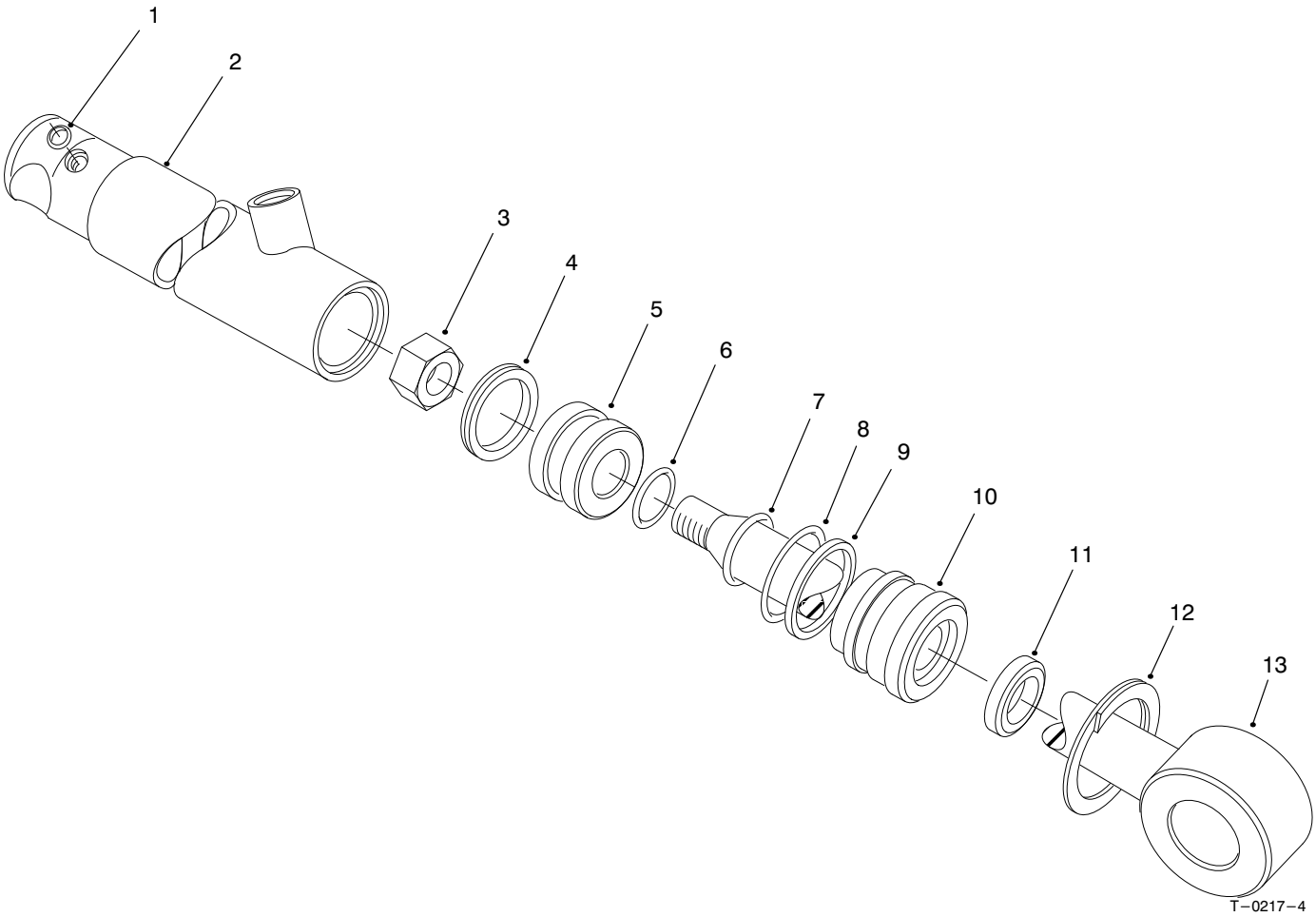


HYDRAULIC DRIVE MOTOR LEFT REAR NO. 75–9831

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	76–0820	Link – Drive	7
14	76–1020	Screw – HH	1
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
*	76–0830	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

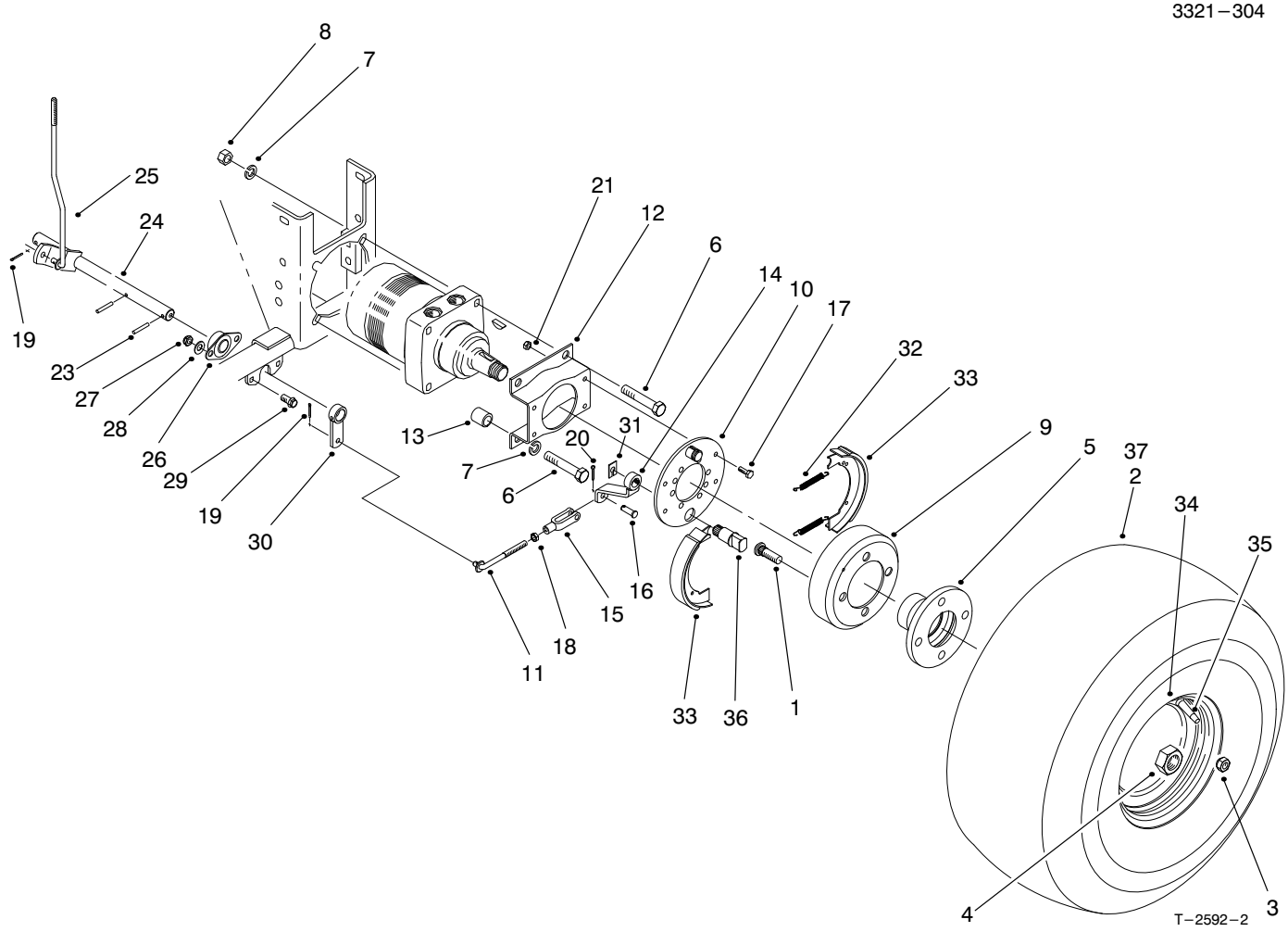


HYDRAULIC CYLINDER ASSEMBLY NO. 83−7000

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	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
*	83−7250	Kit−Seal Repair (Incl. Ref. #4, 6−9 & 11)	1

* Not Illustrated

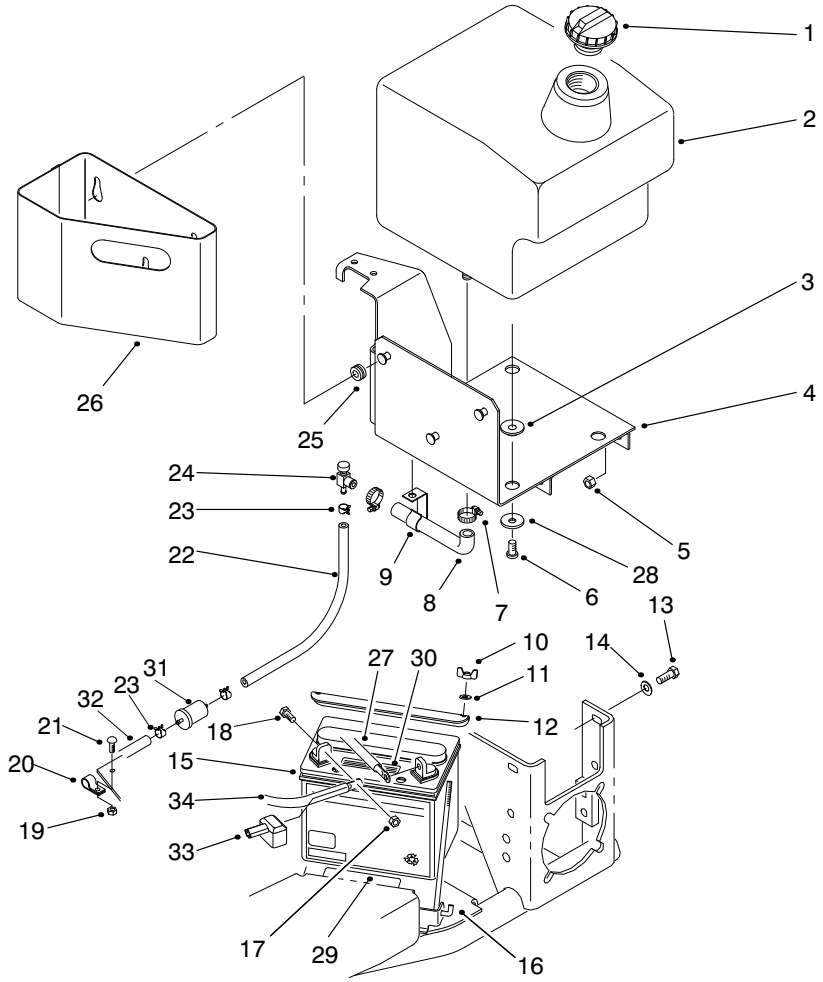


REAR WHEEL BRAKE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	85−6540	Stud − Drive Type	8
2	85−8290	Tire	2
3	242−50	Nut − Lug	8
4	26−3790	Nut − Lock	2
5	93−6838	Hub − Wheel	2
6	325−14	Screw − HH	8
7	3253−7	Washer − Lock	8
8	3217−9	Nut − Hex.	4
9	10−6850	Drum − Brake	2
10	70−9870	Plate − Backing	2
11	84−1990	Rod − Adjusting	2
12	84−2000	Bracket − Brake	2
13	92−1715	Spacer	8
14	93−6850	Lever − Brake	2
15	282−2	Clevis	2
16	283−1	Pin − Clevis	2
17	321−4	Screw − HH	8
18	3220−2	Nut − Hex. Jam	2
19	3272−6	Pin − Cotter	3
20	3272−10	Pin − Cotter	2
21	3296−42	Nut − Lock	8

Ref. No.	Part No.	Description	No. Used
23	32121−6	Pin − Roll	3
24	95−0625	Rod − Traverse	1
25	95−0628	Rod − Brake	1
26	27−2320	Bearing − Side Flange	2
27	3296−59	Nut − Lock	4
28	3256−24	Washer − Flat	4
29	3234−1	Screw − HHF	4
30	83−9310	Arm − Brake, RH	2
31	70−9850	Clip − Retaining	2
32	70−9880	Spring − Return	4
33	70−9840	Lining − Shoe	4
34	94−6116	Rim	2
35	232−35	Stem − Valve	2
36	70−9860	Shaft − Cam	2
37	116973	Tire−Turf	2
*	71−1500	Asm−Brake (Incl. Ref. #31−33, & 36−37)	2
*	95−5849	Turf Tire Kit (Optional) (Incl. Ref. #34, 35 & 37)	2

* Not Illustrated

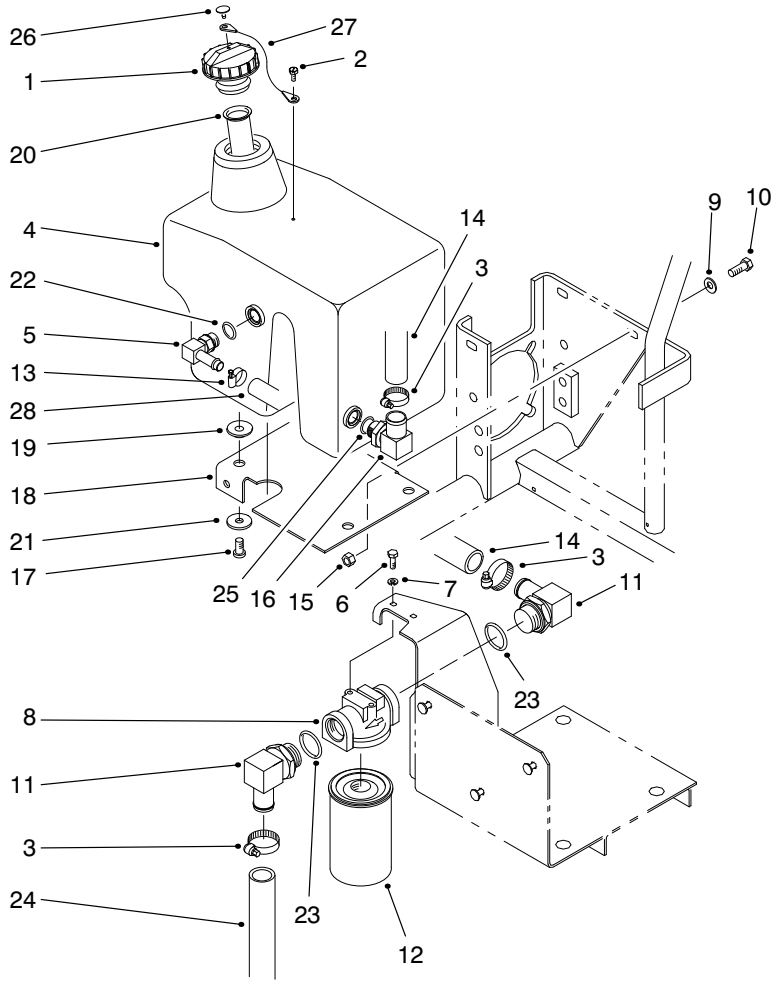


T−2587

FUEL TANK ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	93−7170	Cap − Fuel	1
2	92−7186	Tank − Fuel	1
3	240−11	Grommet	4
4	95−0576	Base − Fuel Tank	1
5	3296−39	Nut − Lock	3
6	3250−36	Screw − PPH	4
7	2412−36	Clamp − Hose	2
8	92−7152	Hose − Fuel	1
9	92−7160	Clip − Fuel Hose	1
10	32103−12	Nut − Wing	2
11	3256−22	Washer − Flat	2
12	92−5018	Clamp − Battery	1
13	323−6	Screw − HH	3
14	3256−24	Washer − Flat	3
15	92−1678	Battery	1
16	56−7720	Bolt − Battery	2
17	3296−29	Nut − Lock	2
18	322−3	Screw − HH	2

Ref. No.	Part No.	Description	No. Used
19	3296−42	Nut − Lock	1
20	2412−73	Clamp − R	1
21	3274−69	Screw − HSBH	1
22	95−0618	Hose − Fuel	1
23	2412−98	Clamp − Hose	4
24	83−1390	Fitting − Fuel Shut−Off	1
25	240−9	Grommet	3
26	86−7640	Box − Litter	1
27	86−7450	Wire − Battery−Ground	1
28	63−8410	Washer − Flat	4
29	93−6668	Decal − Battery	1
30	93−7276	Decal − Danger	1
31	94−2690	Filter − Fuel	1
32	95−0619	Hose − Gas Line	1
33	28−8080	Boot − Terminal	1
34	86−7570	Wire − Battery−Solenoid	1
*	95−0599	Asm−Wire (Incl. Ref. #33 & 34)	1



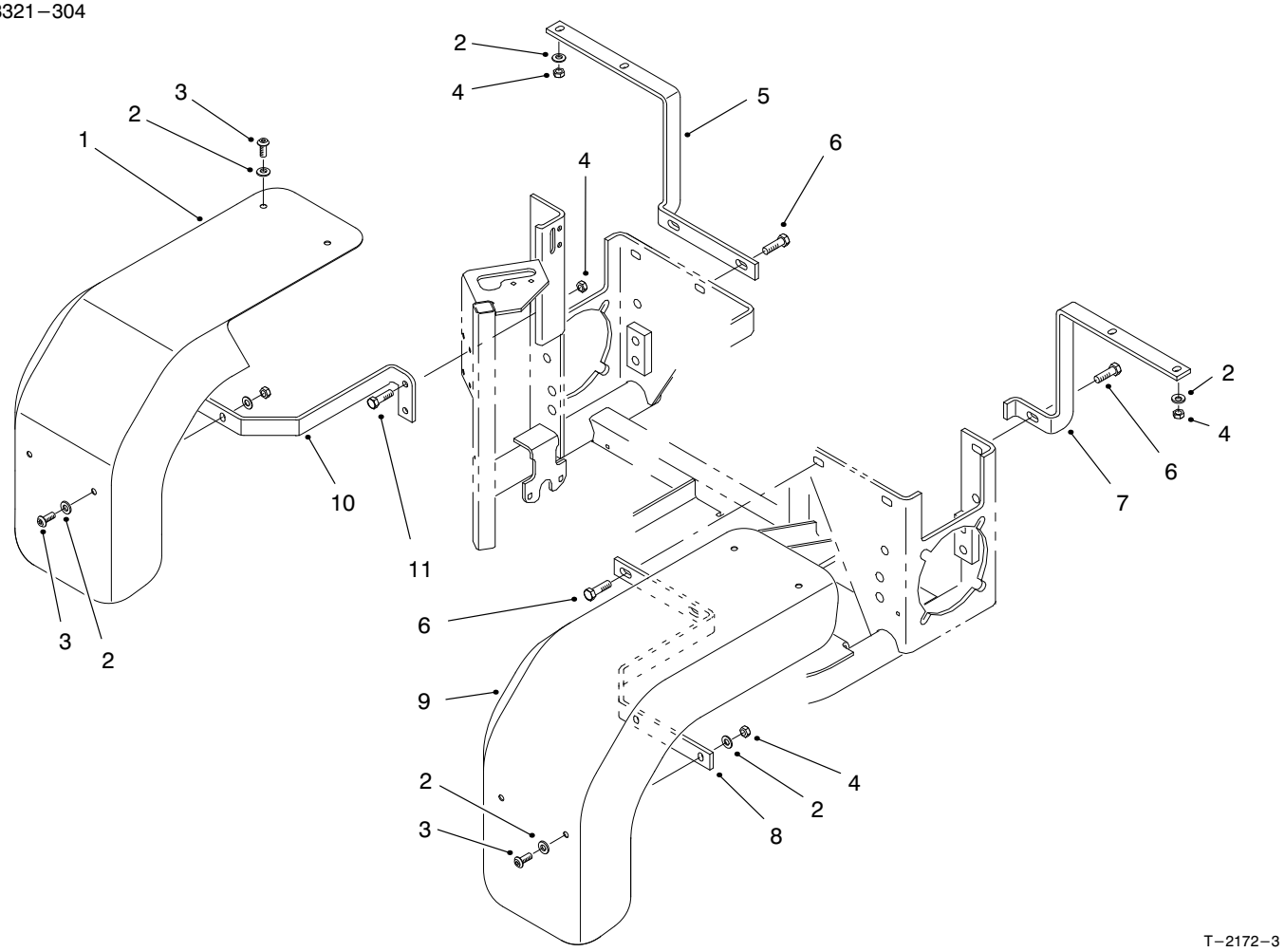
T−2591−3

HYDRAULIC OIL RESERVOIR & FILTER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	93−4365	Asm−Oil Cap (Incl. Ref. #26 & 27)	1
2	57−5420	Screw − Shoulder	1
3	2412−129	Clamp − Worm	4
4	98−0968	Tank − Hydraulic	1
5	354−120	Fitting − Hydraulic 45˚ (Incl. Ref. #22)	1
6	321−3	Screw − HH	2
7	3253−3	Washer − Lock	2
8	68−8990	Asm−Head, Filter	1
9	3256−24	Washer − Flat	3
10	323−6	Screw − HH	3
11	353−987	Fitting − Hydraulic 90˚ (Incl. Ref. #23)	2
12	23−9740	Filter − Oil	1
13	2412−36	Clamp	1

Ref. No.	Part No.	Description	No. Used
14	98−8153	Hose − Hydraulic	1
15	3296−39	Nut − Lock	3
16	95−0629	Fitting − Hydraulic 90˚ (Incl. Ref. #25)	1
17	3250−36	Screw − PPH	3
18	95−0590	Base − Hydraulic Tank	1
19	240−11	Grommet	4
20	92−1705	Screen − Filter	1
21	63−8410	Washer − Flat	3
22	237−79	O−Ring	1
23	237−81	O−Ring	2
24	95−0555	Hose − Hydraulic	1
25	237−117	O−Ring	1
26	2410−73	Retainer − Tether	1
27	75−0540	Tether − Oil Cap	1
28	98−8152	Hose − Hydraulic	1

3321−304

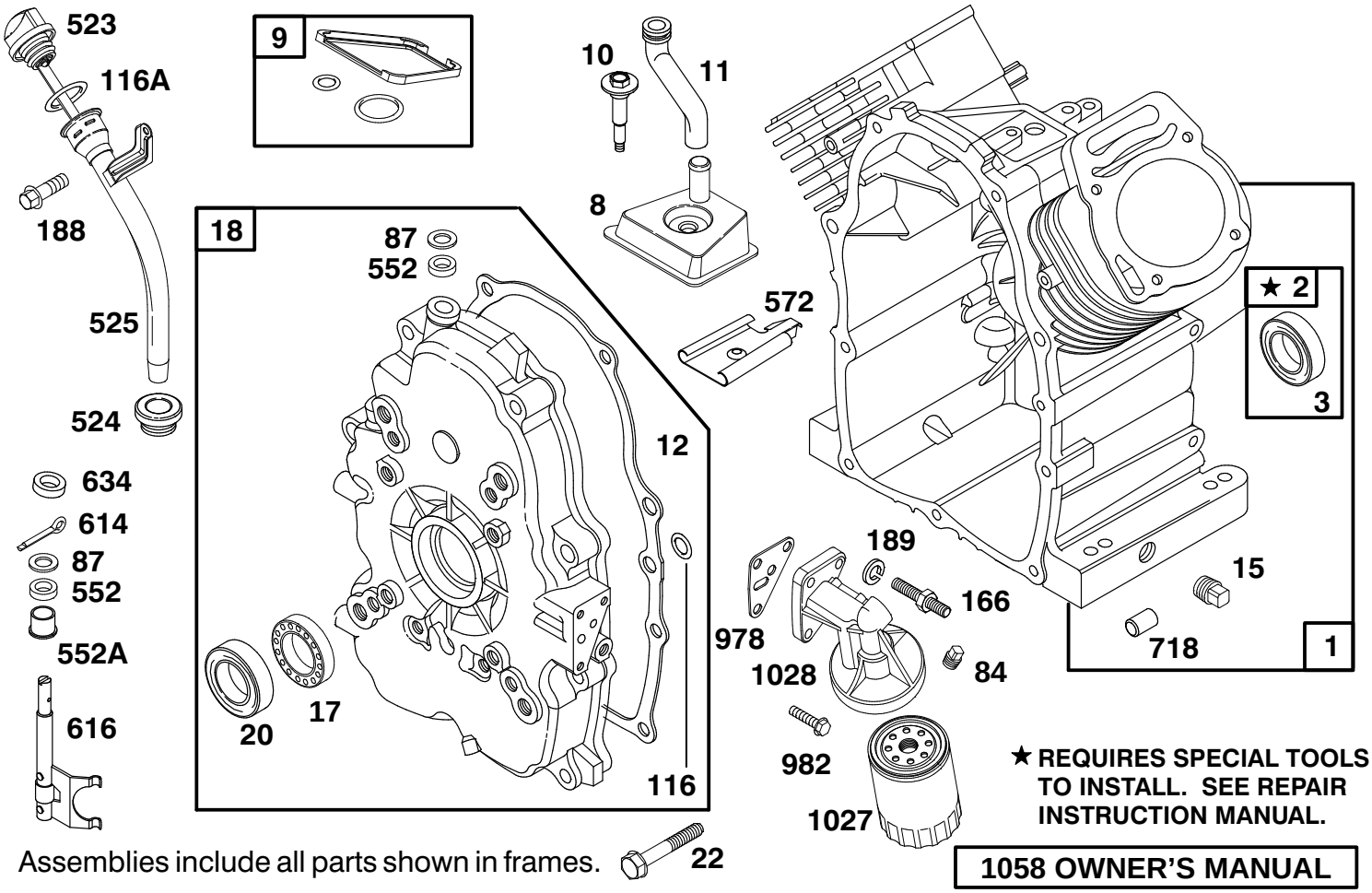


T−2172−3

FENDER ASSEMBLY − EUROPE

Ref. No.	Part No.	Description	No. Used
1	94−1884	Fender − Rear, RH	1
2	3256−70	Washer − Flat	16
3	3274−55	Screw − HSBH	8
4	3296−29	Nut − Lock	10
5	94−1888	Bracket − Support, Fender	1
6	323−7	Screw − HH	6

Ref. No.	Part No.	Description	No. Used
7	94−1886	Bracket − Support, Fender	1
8	94−1885	Bracket − Support, Fender	1
9	94−1883	Fender − Rear, LH	1
10	98−8161	Bracket − Support, Fender	1
11	322−4	Screw−HH	2



Assemblies include all parts shown in frames.

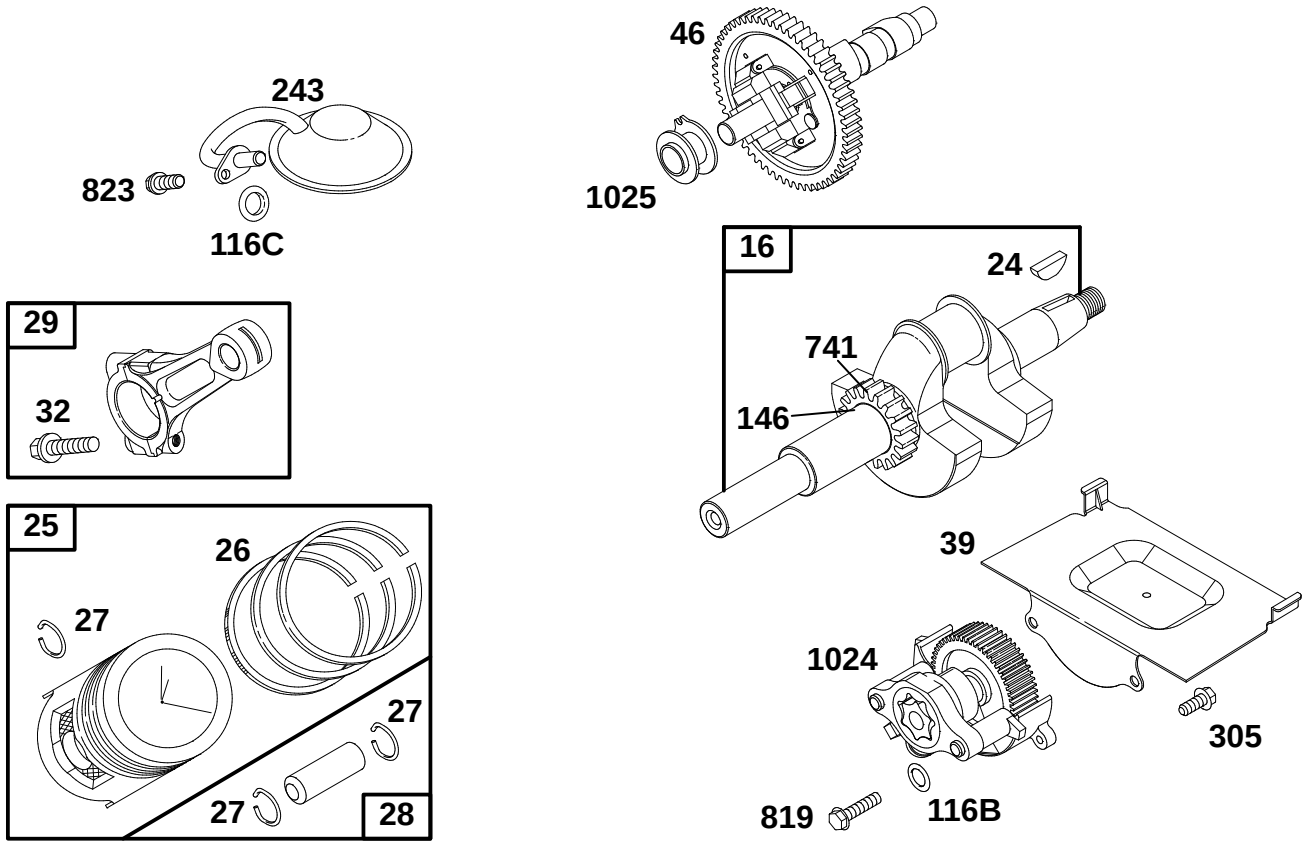
1058 OWNER'S MANUAL

ENGINE BRIGGS & STRATTON MODEL 303447 – 1180 – E1

Ref. No.	Part No.	Description	No. Used
1	808440	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	805048	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
1058	273685	Owner's Manual	1

* Included in Gasket Set – Part No. 808390.



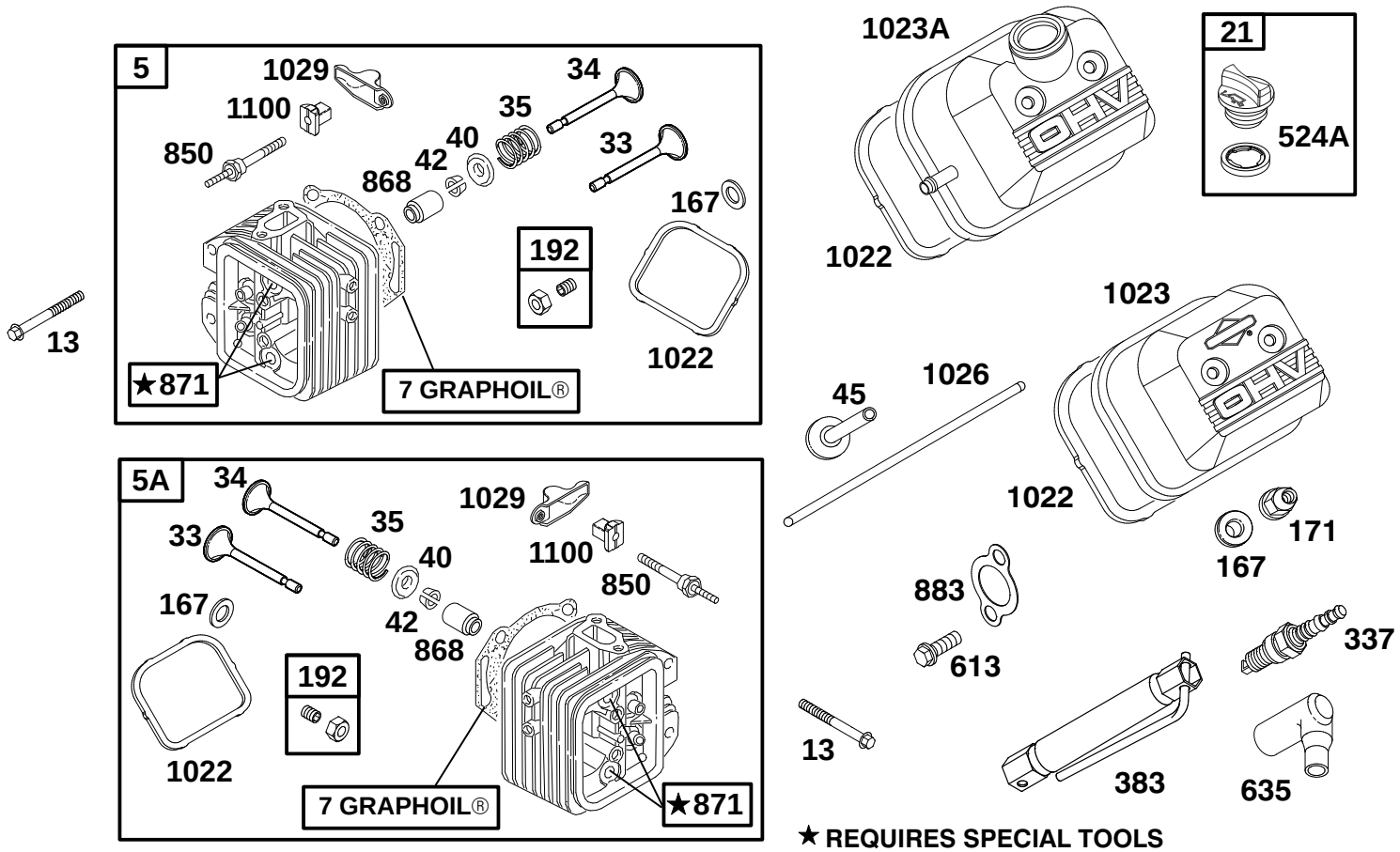
Assemblies include all parts shown in frames.

ENGINE BRIGGS & STRATTON MODEL 303447 – 1180 – E1

Ref. No.	Part No.	Description	No. Used
16	808425	Crankshaft	1
24	806066	Key – Flywheel	1
25	807619	Piston Assembly (Standard)	1
	807807	Piston Assembly (.010 O.S.)	1
	807809	Piston Assembly (.020 O.S.)	1
	807811	Piston Assembly (.030 O.S.)	1
26	807620	Ring Set – Piston (Standard)	1
	807808	Ring Set – Piston (.010 O.S.)	1
	807810	Ring Set – Piston (.020 O.S.)	1
	807812	Ring Set – Piston (.030 O.S.)	1
27	805099	Lock – Piston Pin	1
28	807621	Piston Pin Assembly	1
29	807900	Rod – Connecting (Standard)	1
	807809	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	94196	Key – Timing	1
243	807598	Screen – Oil Pump	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. 808390.



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

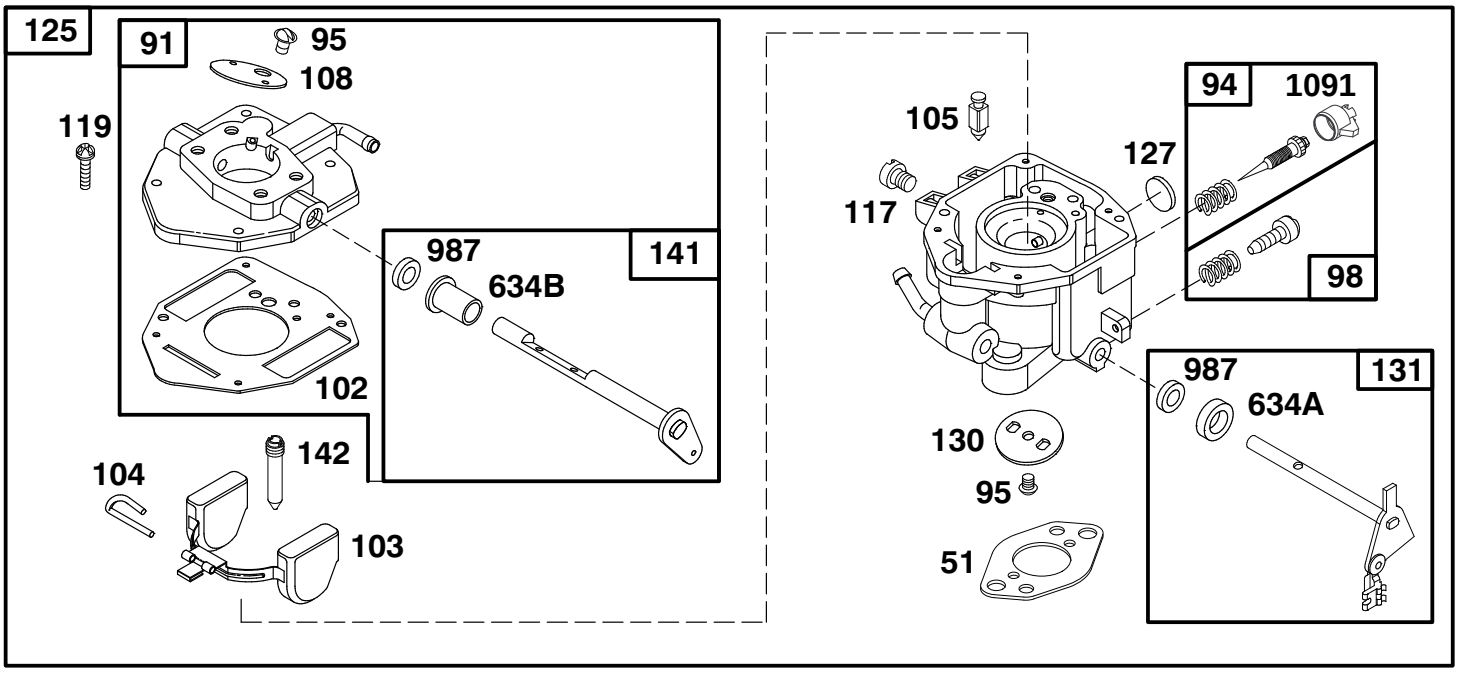
Assemblies include all parts shown in frames.

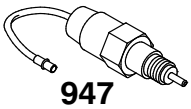
ENGINE BRIGGS & STRATTON MODEL 303447 – 1180 – E1

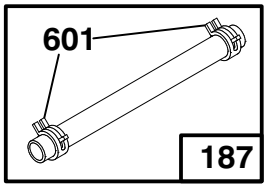
Ref. No.	Part No.	Description	No. Used
5	808381	Head – Cylinder (Cyl. #1)	1
5A	808382	Head – Cylinder (Cyl. #2)	1
*‡7	806085	Gasket – Cylinder Head	1
13	805097	Screw – Cylinder Head	1
21	491832	Dipstick/Fill Plug	1
33	807681	Valve – Exhaust	1
34	807680	Valve – Intake	1
35	805937	Spring – Valve	1
40	805092	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

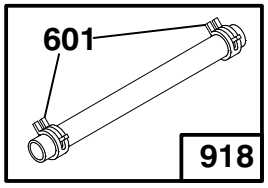
Ref. No.	Part No.	Description	No. Used
*‡524A	271983	Seal – Filler Plug	1
613	805158	Screw – Hex.	1
635	805529	Elbow – Spark Plug	1
850	806037	Stud – Rocker Arm	1
868	805094	Seal – Valve Guide	1
871	805084	Guide – Valve	1
*‡883	805024	Gasket – Exhaust	1
*‡1022	806039	Gasket – Valve Cover	1
1023	805100	Cover – Valve	1
1023A	808032	Cover – Valve	1
1026	805352	Rod – Push (Intake Valve) **Note:** 805617 Rod – Push (Exhaust Valve)	1
1029	806036	Arm – Rocker	1
1100	806038	Pivot – Rocker Arm	1

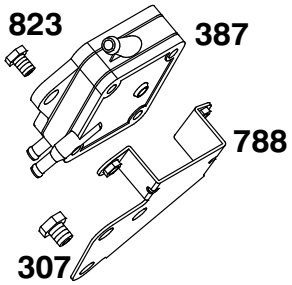
* Included in Gasket Set – Part No. 808390.
‡ Included in Valve Overhaul Kit – Part No. 808392.











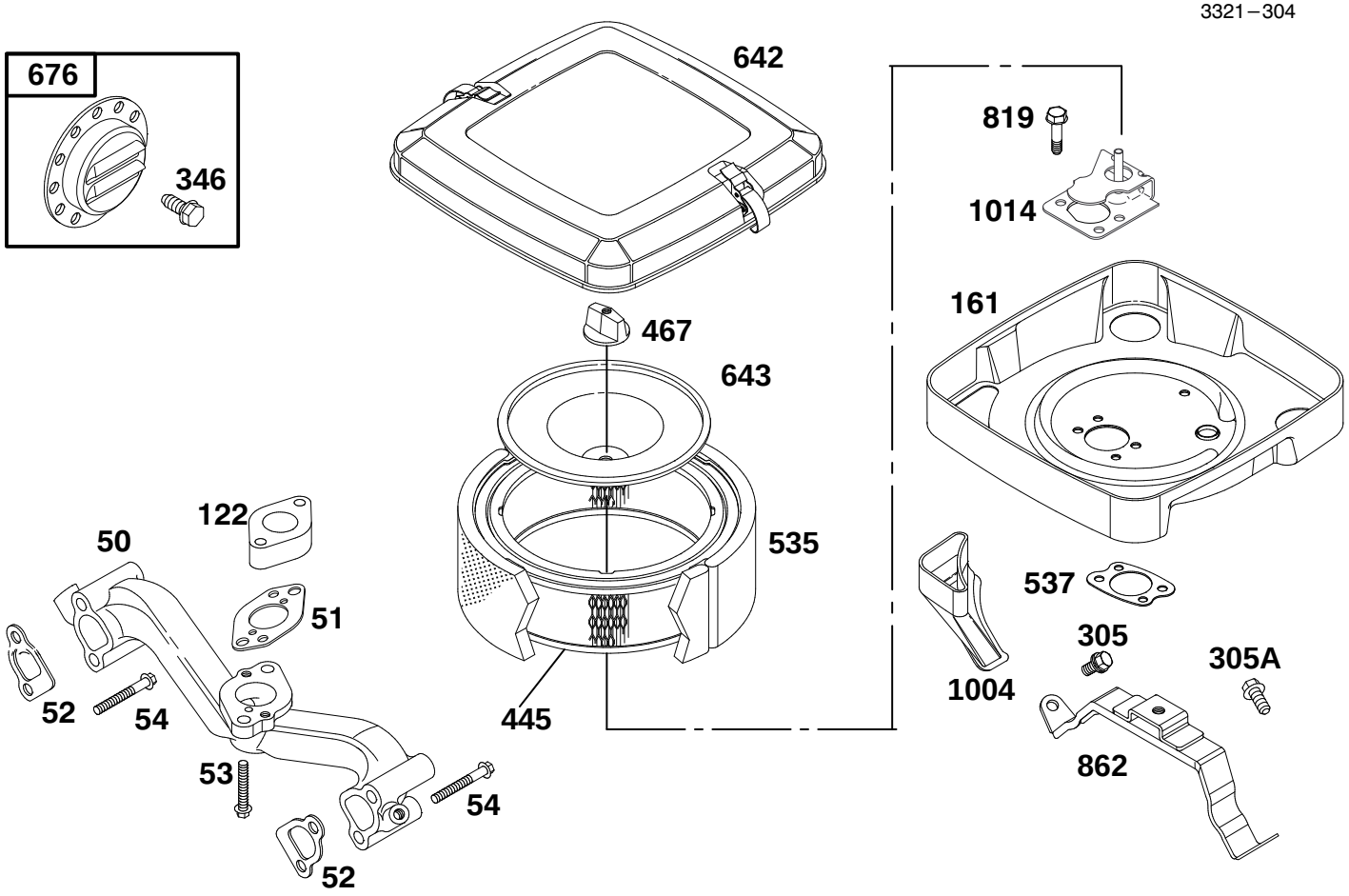
Assemblies include all parts shown in frames.

ENGINE BRIGGS & STRATTON MODEL 303447 – 1180 – E1

Ref. No.	Part No.	Description	No. Used
*51	805700	Gasket – Carburetor Mtg.	1
91	807919	Body – Upper Carburetor	1
†94	808257	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	805539	Valve – Choke	1
117	805852	Jet – Main	1
	805537	Jet – Main (High Altitude)	1
119	805540	Screw – Upper Body Mtg.	1
125	808251	Carburetor Assembly	1
†127	805559	Plug – Welch	1
130	805554	Valve – Throttle	1
131	807720	Shaft – Throttle	1

Ref. No.	Part No.	Description	No. Used
141	807722	Shaft – Choke	1
†142	805553	Nozzle – Carburetor	1
187	296004	Line – Fuel	
		(Cut to Required Length)	1
307	805025	Screw – Hex.	1
387	491922	Pump – Fuel	1
601	93053	Clamp – Hose	1
†634A	805557	Collar – Throttle	1
†634B	805543	Collar – Choke	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
†987	805544	Seal – Shaft	1
†1091	805862	Cap – Limiter	1

* Included in Gasket Set – Part No. 808390.
† Included in Carburetor Kit – Part No. 808273.

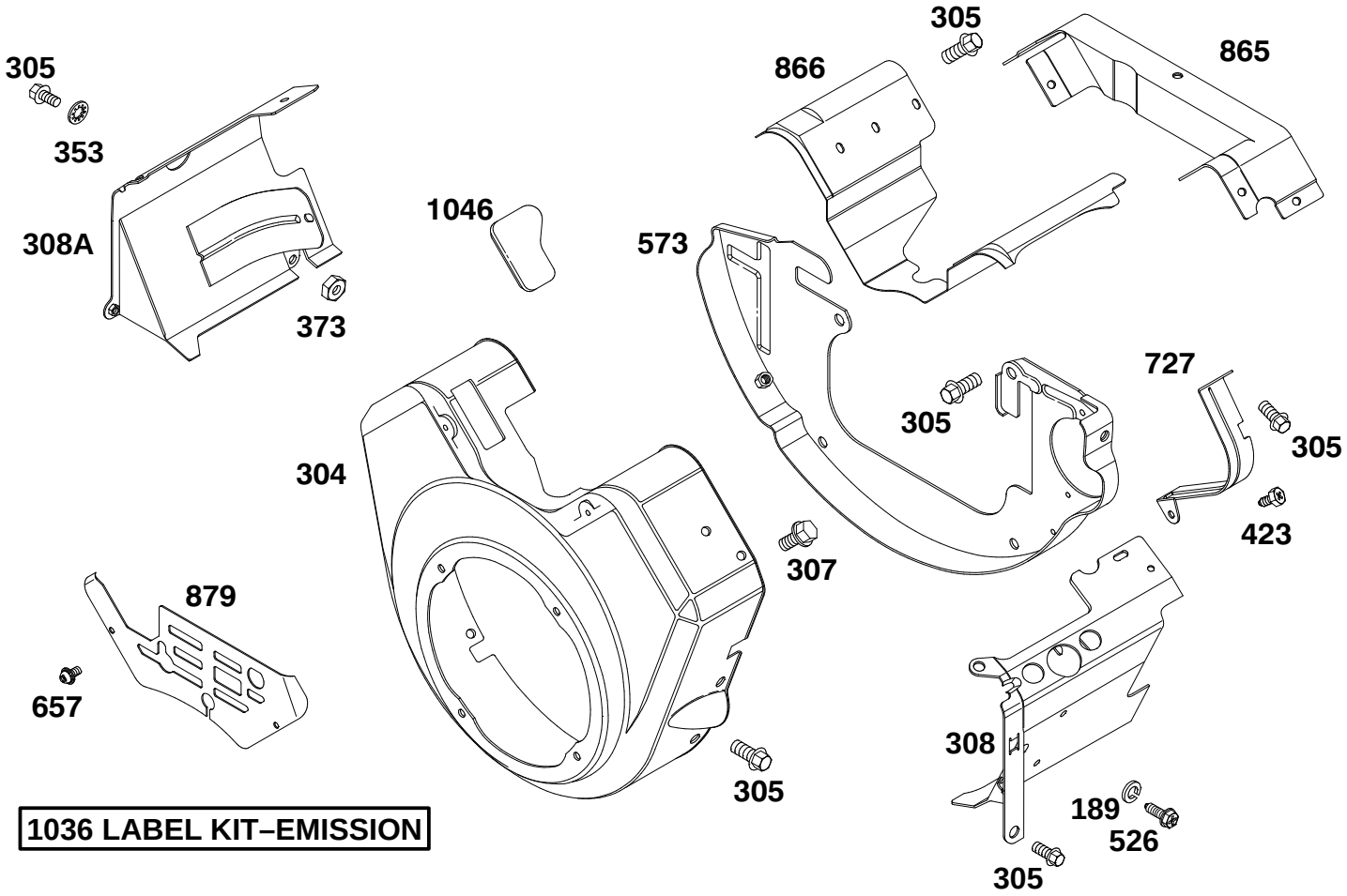


ENGINE BRIGGS & STRATTON MODEL 303447 – 1180 – E1

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	805328	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
346	94896	Screw – Hex.	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
676	397630	Deflector – Muffler	1
819	805317	Screw – Hex.	1
862	807796	Bracket – Air Cleaner	1
1004	805632	Strap – Cleaner Mounting	1
1014	808311	Shield – Carburetor	1

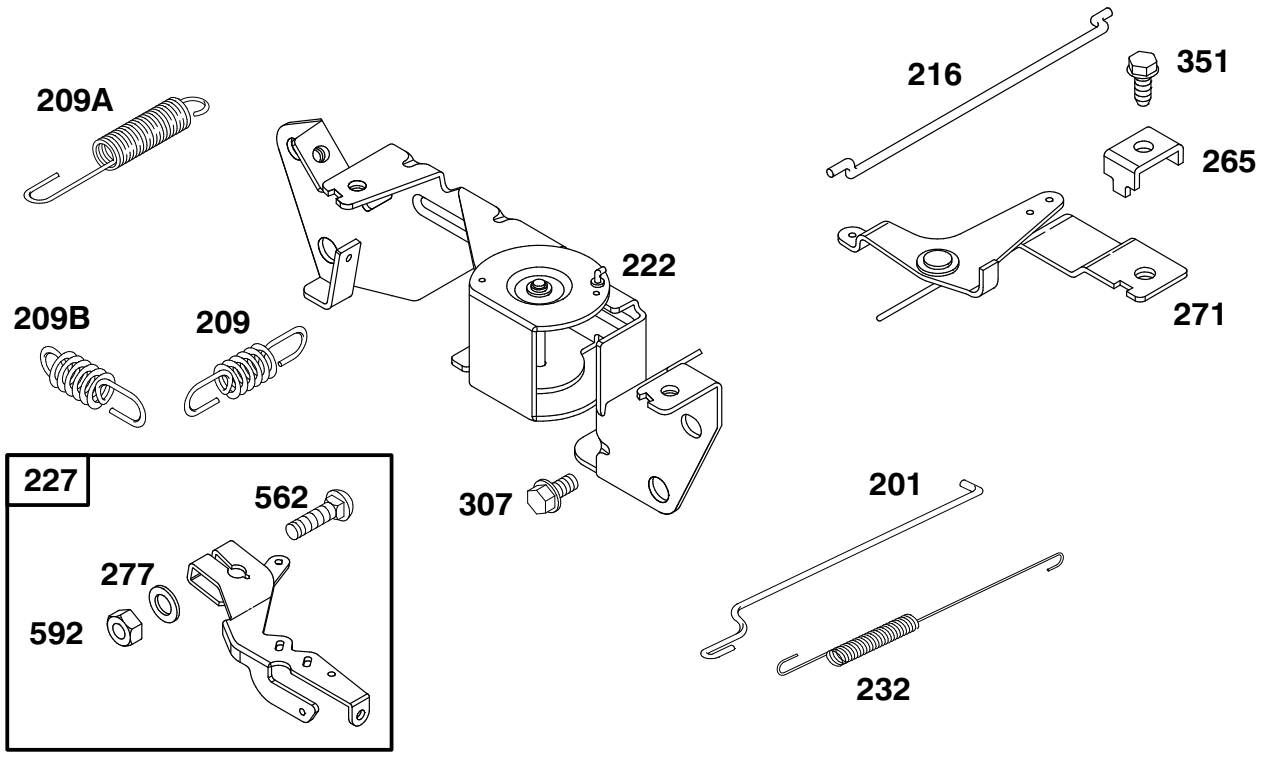
* Included in Gasket Set – Part No. 808390.
‡ Included in Valve Overhaul Kit – Part No. 808392.



ENGINE BRIGGS & STRATTON MODEL 303447–1180–E1

Ref. No.	Part No.	Description	No. Used
189	805449	Washer – Lock	1
304	807898	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	499366	Label Kit – Emission	1
1046	805753	Plug – Blower Housing	1

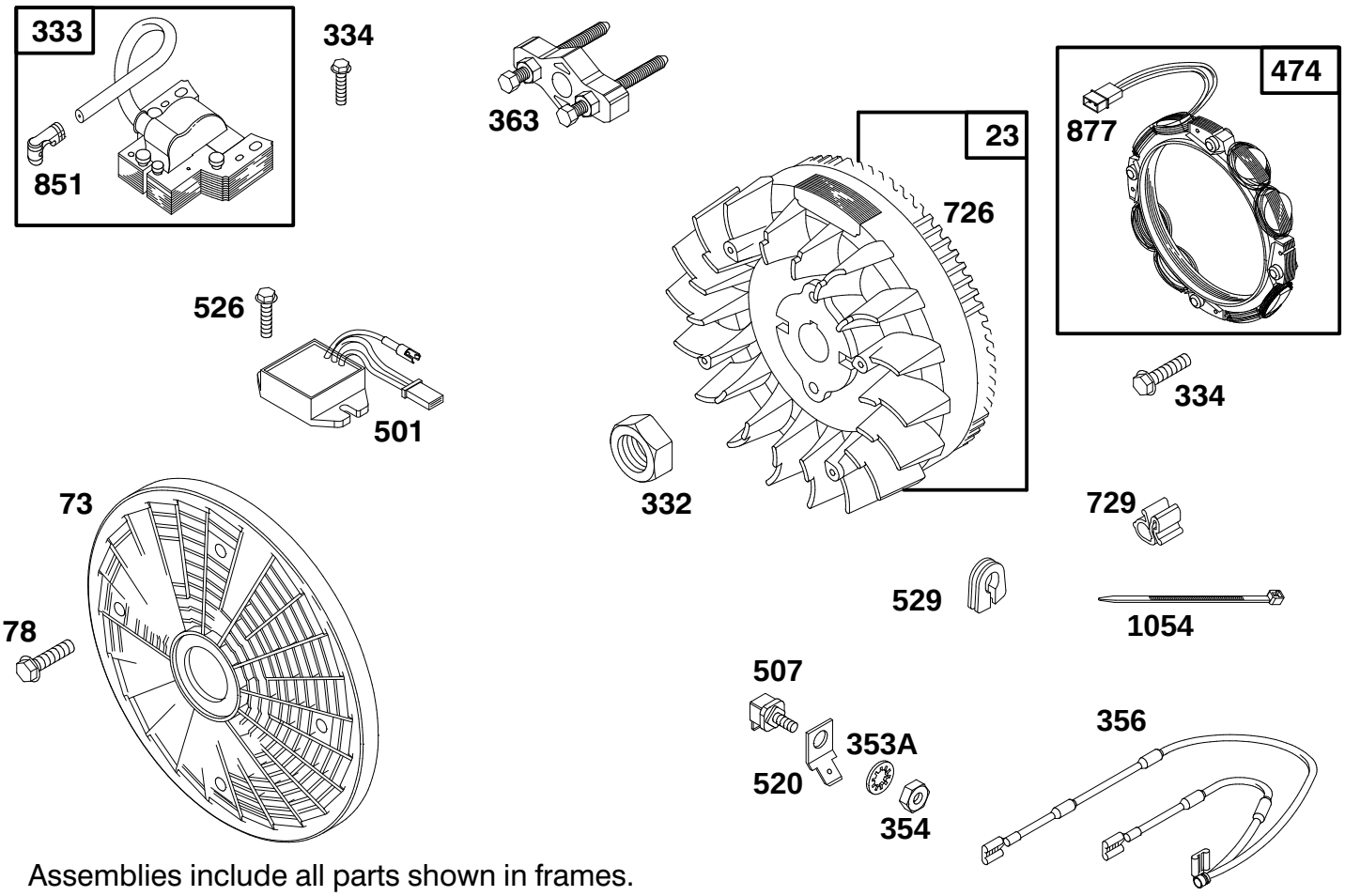


Assemblies include all parts shown in frames.

ENGINE BRIGGS & STRATTON MODEL 303447 – 1180 – 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

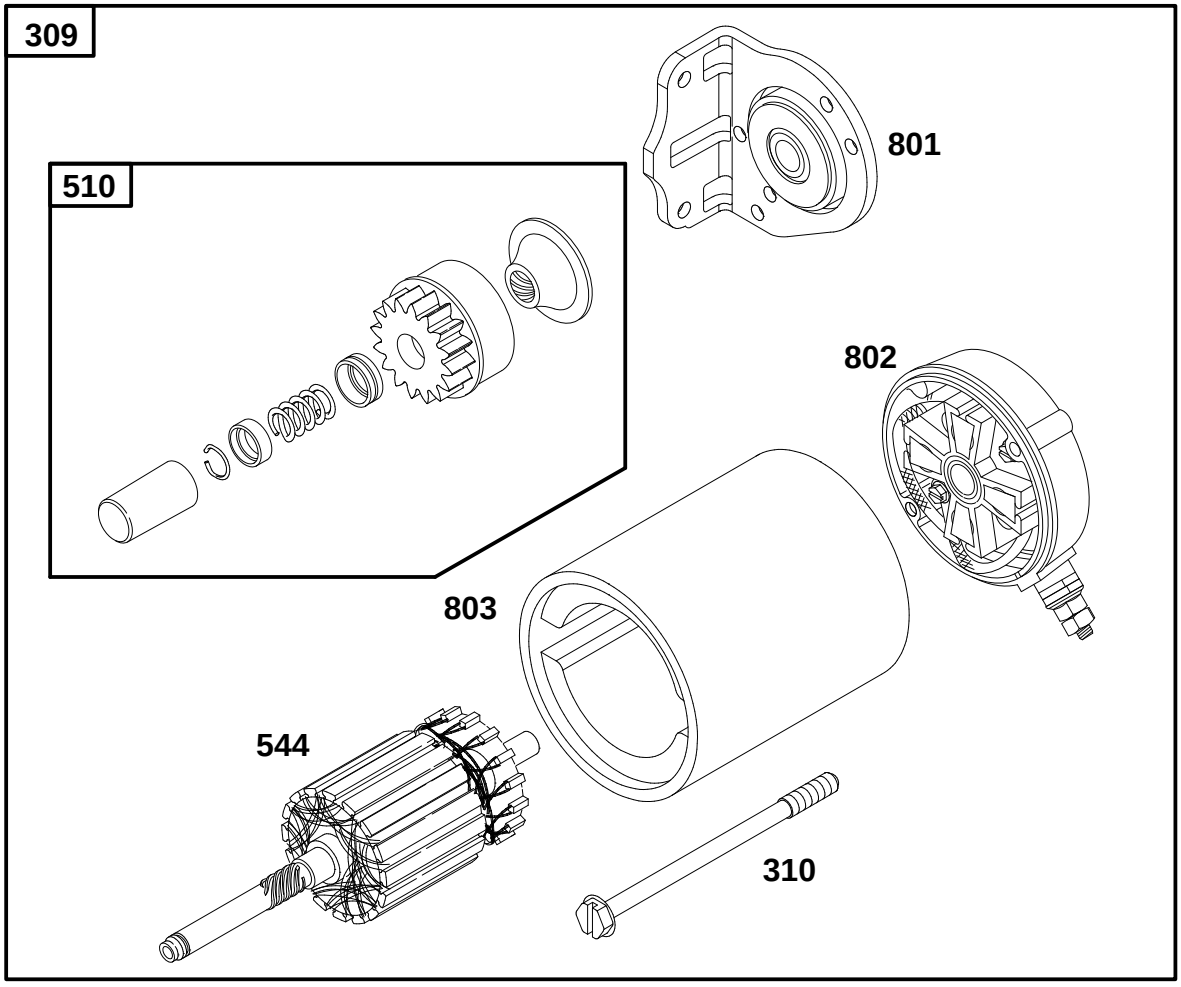


Assemblies include all parts shown in frames.

ENGINE BRIGGS & STRATTON MODEL 303447 – 1180 – E1

Ref. No.	Part No.	Description	No. Used
23	808128	Flywheel – Magneto	1
73	494439	Screen – Rotating	1
78	805447	Screw – Hex.	1
332	806028	Nut – Hex.	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

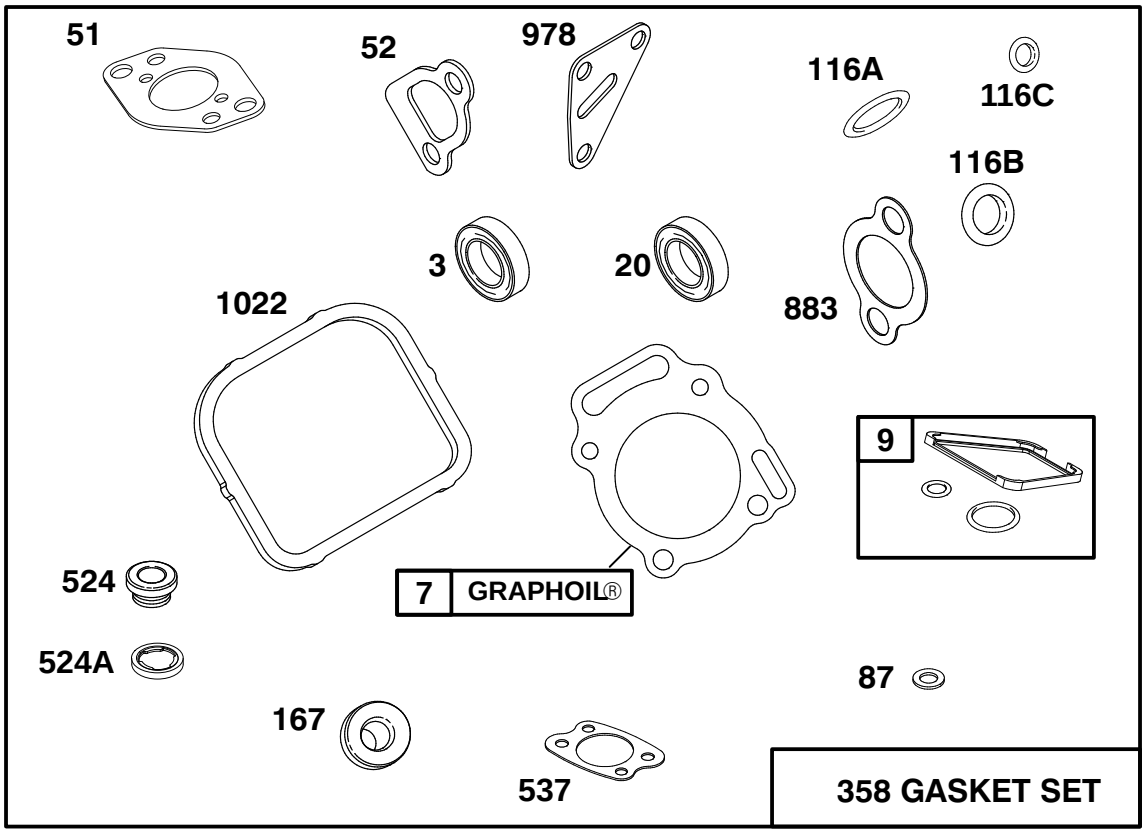
Ref. No.	Part No.	Description	No. Used
501	394890	Regulator – Alternator	1
507	398525	Insulator	1
520	93722	Terminal – Spade	1
526	805448	Screw – Hex.	1
529	805641	Grommet	1
726	808162	Gear – Flywheel Ring Includes Mounting Hardware.	1
729	280470	Clip – Wire	1
851	493880	Terminal – Ignition Cable	1
877	393537	Wire – Alternator	1
1054	280275	Tie – Cable	1



ENGINE BRIGGS & STRATTON MODEL 303447–1180–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



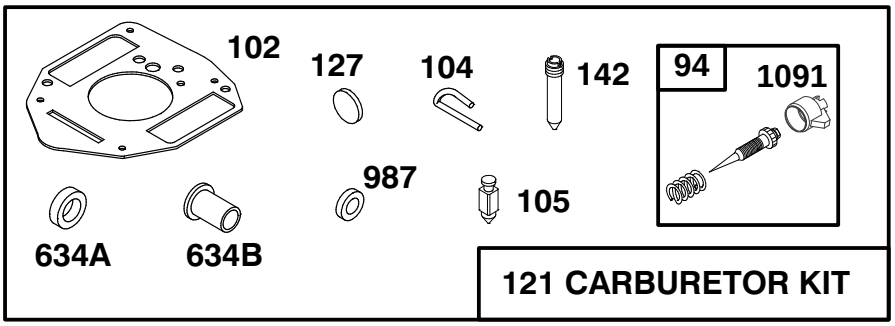
Assemblies include all parts shown in frames.

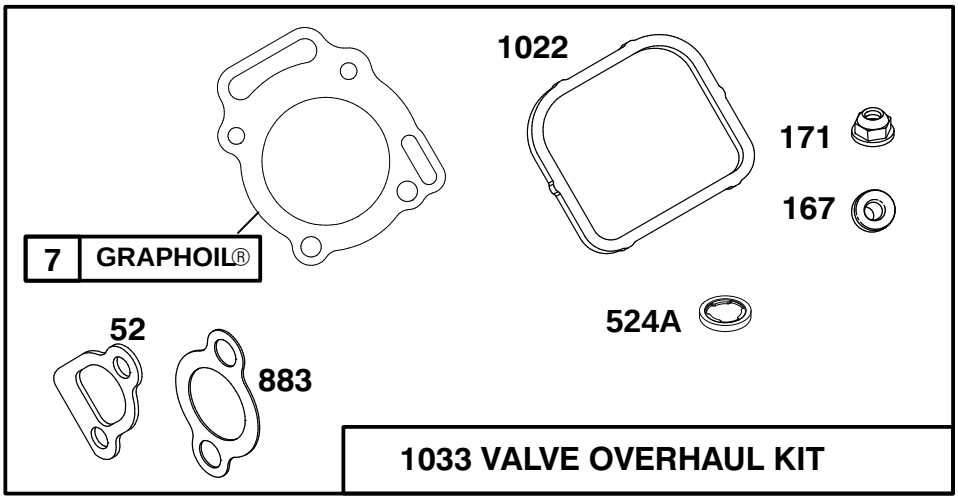
ENGINE BRIGGS & STRATTON MODEL 303447−1180−E1

Ref. No.	Part No.	Description	No. Used
*3	805101	Seal − Oil	1
*‡7	806085	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	808390	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. 808390.
‡ Included in Valve Overhaul Kit – Part No. 808392.





Assemblies include all parts shown in frames.

ENGINE BRIGGS & STRATTON MODEL 303447 – 1180 – E1

Ref. No.	Part No.	Description	No. Used
*‡7	806085	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	808273	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	805557	Collar – Throttle	1
†634B	805543	Collar – Choke	1
*‡883	805024	Gasket – Exhaust	1
†987	805544	Seal – Shaft	1
*‡1022	806039	Gasket – Valve Cover	1
1033	808392	Overhaul Kit – Valve	1
†1091	805862	Cap – Limiter	1

* Included in Gasket Set – Part No. 808390.
‡ Included in Valve Overhaul Kit – Part No. 808392.
† Included in Carburetor Kit – Part No. 808273.

TORO PART NUMBER INDEX

Part No.	Description	Pg. No.	Ref. No.	Qty.
116973	Tire−Turf	21	37	2
117344	Handle − Latch	1	33	2
3−6498	Washer − Thrust	14	17	1
10−6830	Stud − Drive	4	18	4
10−6850	Drum − Brake	21	9	2
10−7070	Key − Square	9	22	1
18−6320	Washer − Steering	4	24	3
18−6380	Pin − Steering Adjustment	4	21	2
18−6380	Pin − Steering, Adjust	14	12	1
18−7160	Pin − Cylinder	17	14	1
18−7310	Pin − Cylinder, Rake	17	9	1
21−8640	Latch − Lever, Valve	15	20	1
22−4670	Hose − Hydraulic	17	4	2
22−4670	Hose − Hydraulic	15	30	2
22−4670	Hose − Hydraulic	9	34	2
22−8330	Plug	16	1	2
22−8340	Spring	16	3	2
22−8350	Ball	16	4	2
22−8360	Pin − Cam	16	6	2
22−8370	Seat − Check Valve	16	5	2
22−8380	Retainer − Spring	16	10	2
22−8390	Spring Retainer	16	12	1
22−8400	Spacer Float	16	13	1
22−8410	Spring	16	11	1
22−8420	Spool	16	8	1
22−8480	Ring − Spool Retaining	16	14	1
22−8490	Ring − Retaining	16	15	1
22−8500	O−Ring	16	9	2
23−9740	Filter − Oil	23	12	1
25−2380	Plate − Thrust	11	50	1
25−2400	Gasket − Cap, End	10	14	1
25−2430	Pin	10	13	1
25−2450	Swashplate	11	48	1
25−2460	Plug	10	29	2
25−2470	Kit − Shim	10	30	2
25−2480	Spring	10	42	1
25−2490	Ball	10	4	2
25−2500	Shaft − Trunnion	10	43	1
25−2510	Washer	10	26	2
25−2570	Spring	10	31	1
25−2600	Kit−Cylinder Block	10	16	1
25−2640	Spring	10	3	2
25−2650	Plug	10	1	1
25−2690	Housing − Pump, Charge	10	35	1
25−3180	Kit−Valve, Check	11	*	1
25−3210	Seal − Lip	10	25	2
26−2950	Standoff − Wire	9	7	1
26−3790	Nut − Lock	21	4	2
27−1960	Hub − Engine	9	21	1
27−2320	Bearing − Side Flange	21	26	2
28−4210	Solenoid − Starter	5	17	1
28−8080	Boot − Terminal	22	33	1
29−6163	Switch − Neutral	14	2	1
38−3400	Bumper − Rubber	8	45	1
43−1710	Asm−Valve	15	14	1
43−5220	Ring − Retaining	20	12	1
43−5230	Shaft with Clevis	20	13	1
43−5260	Barrel − w/Clevis & Ports	20	2	1
46−8400	Bearing − Roller	11	51	1
46−8560	Screw − HFH	1	9	6
49−2040	Screw − HFH	14	8	3
49−8510	Kit−Relief, Charge	11	*	1
49−8520	Kit−Implement Relief	11	*	1
49−9600	Hub − Pump	9	24	1
56−7720	Bolt − Battery	22	16	2
57−5420	Screw − Shoulder	23	2	1
62−6660	Spacer	7	13	4
63−8360	Key − Ignition	5	7	2
63−8410	Washer − Flat	22	28	4
63−8410	Washer − Flat	23	21	3
65−8770	Bushing − Flange	4	7	2
66−0120	Knob − Throttle	5	5	1
66−2950	Asm−Hourmeter	5	2	1
67−8050	Bearing − Needle	10	37	1
67−8060	Seal − Lip	10	36	1
68−8990	Asm−Head, Filter	23	8	1
69−8930	Washer	17	22	4
69−8960	Spacer	17	23	2
70−2770	Head	20	10	1
70−2780	Piston	20	5	1
70−9840	Lining − Shoe	21	33	4
70−9850	Clip − Retaining	21	31	2
70−9860	Shaft − Cam	21	36	2
70−9870	Plate − Backing	21	10	2
70−9880	Spring − Return	21	32	4
71−1500	Asm−Brake	21	*	2
71−4411	Spacer − Coupling	9	18	4
74−0340	Cushion − Rubber	7	10	2
74−0720	Tube − Manual	7	5	1
74−9100	Pad − Pedal, Forward	13	15	1
74−9110	Pad −Pedal, Reverse	13	5	1
75−0540	Tether − Oil Cap	23	27	1
75−4705	Hose − Fuel	8	8	1
75−5470	Spacer	14	22	1
75−9831	Hydraulic Motor − Wheel	17	13	1
75−9840	Hydraulic Motor − Wheel	17	17	1
76−0810	Asm−Housing	18	*	1
76−0810	Asm−Housing	19	*	1
76−0820	Link − Drive	18	13	1
76−0820	Link − Drive	19	13	7
76−0830	Rotor Set	18	*	1
76−0830	Rotor Set	19	*	1
76−0840	Manifold	18	22	1
76−0840	Manifold	19	22	1
76−0850	Bearing − Thrust	18	12	1
76−0850	Bearing − Thrust	19	12	1
76−0860	Shaft − Coupling	18	11	1
76−0860	Shaft − Coupling	19	11	1
76−0870	Plate − Wear	18	18	1
76−0870	Plate − Wear	19	18	1
76−0880	Asm−Commutator	18	*	1
76−0880	Asm−Commutator	19	*	1
76−0890	Asm−Cover, End	18	29	1
76−0940	Asm−Cover, End	19	24	1
76−1020	Screw − HH	19	14	1
76−1040	Screw − HH	18	14	7
76−1420	Wheel − Steering	4	1	1
76−8640	Stud − Traction	14	18	1
80−8650	Coupling − Rubber	9	23	2
83−0020	Asm−Ignition Switch	5	12	1
83−1390	Fitting − Fuel Shut−Off	22	24	1
83−1770	Element − Air Cleaner	8	31	1
83−2490	Boot	8	42	1
83−7000	Cylinder − Hydraulic	17	7	1
83−7250	Kit−Seal Repair	20	*	1
83−7260	Cone − Charge Relief	10	32	2
83−9310	Arm − Brake, RH	21	30	2
84−1990	Rod − Adjusting	21	11	2
84−2000	Bracket − Brake	21	12	2
84−7940	Axle − Front	4	17	1
85−0290	Spacer − Support, Seat	15	17	2
85−0420	Plate − Cover	8	32	1
85−0430	Knob − Air Cleaner	8	36	1
85−0440	Shield − Carburetor, Inlet	8	29	1
85−0460	Screw − Washer Face	8	37	5
85−0470	Gasket − Carburetor	8	39	1
85−0540	Screw	8	38	4
85−6540	Stud − Drive Type	21	1	8

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
85−6610	Shaft − Steering Upper	4	3	1
85−8290	Tire	21	2	2
85−8290	Tire	4	19	1
85−8300	Lever − Pump	14	5	1
85−8360	Gasket − Ring	8	20	1
85−8370	Asm−Cover, Air Cleaner	8	19	1
85−8430	Asm−Base, Air Cleaner	8	21	1
85−8460	Asm−Switch Arm	14	15	1
85−8960	Spacer	13	4	1
85−9030	Spring − Extension	14	13	1
85−9120	Spacer	14	21	1
85−9150	Plate − Switch	14	3	1
85−9180	Sprocket	4	9	1
85−9200	Knuckle − Steering	4	33	1
85−9550	Clamp − Rubber	1	3	2
85−9670	T−Nut	1	4	2
86−7450	Wire − Battery, Ground	8	26	1
86−7450	Wire − Battery−Ground	22	27	1
86−7450	Wire − Ground, Battery	6	4	1
86−7570	Asm−Wire	8	27	1
86−7570	Wire − Battery−Solenoid	22	34	1
86−7640	Box − Litter	22	26	1
88−8170	Asm−Housing, Variable	10	45	1
88−8180	Shaft − Trunnion	10	27	1
88−8190	Bearing − Journal	10	24	1
88−8210	Plug	10	33	2
88−8230	Seal − Lip	11	53	1
88−8480	Bracket − Pivot	15	9	1
88−8640	Knob − Air Cleaner	8	35	3
92−1678	Battery	22	15	1
92−1705	Screen − Filter	23	20	1
92−1715	Spacer	21	13	8
92−2343	Pedal	13	6	1
92−2344	Stud − Adjuster, Trunnion	13	11	1
92−5018	Clamp − Battery	22	12	1
92−5035	Asm−Steering Shaft	4	5	1
92−5039	Chain	4	23	1
92−7152	Hose − Fuel	22	8	1
92−7158	Tread − Floor, RH	1	25	1
92−7159	Tread − Floor, LH	1	13	1
92−7160	Clip − Fuel Hose	22	9	1
92−7186	Tank − Fuel	22	2	1
92−8776	Plug	10	5	2
92−8777	O−Ring	10	6	2
92−8972	Clamp − Seat	7	8	2
92−8973	Angle	7	12	2
92−8976	Seat	7	1	1
92−8981	Lever − Lift	15	6	1
92−8983	Pivot	15	18	1
92−8985	Decal − Operating	1	7	1
92−8996	Screen	8	6	1
92−8997	Cooler − Oil	1	2	1
93−2195	Element − Air Cleaner	3	3	1
93−4365	Asm−Oil Cap	23	1	1
93−6668	Decal − Battery	22	29	1
93−6838	Hub − Wheel	21	5	2
93−6850	Lever − Brake	21	14	2
93−7170	Cap − Fuel	22	1	1
93−7251	Decal − Service (Europe)	7	9	1
93−7252	Decal − CE Mark	1	28	1
93−7276	Decal − Danger	22	30	1
93−9051	Decal − Eccentric Bolt	14	9	1
93−9052	Decal − Shields Missing	5	35	1
94−1392	Pad − Rubber	1	32	2
94−1414	Valve − Vacuator	3	5	1
94−1883	Fender − Rear, LH	24	9	1
94−1884	Fender − Rear, RH	24	1	1
94−1885	Bracket − Support, Fender	24	8	1
94−1886	Bracket − Support, Fender	24	7	1
94−1888	Bracket − Support, Fender	24	5	1
94−2690	Filter − Fuel	22	31	1
94−3652	Asm−Cover	3	4	1
94−4519	Tube − Convoluted	2	39	1
94−6116	Rim	21	34	2
94−6116	Rim − Wheel	4	39	1
94−6821	Clamp − Wire	5	8	1
94−6821	R−Clamp	4	40	2
94−8178	Kit−Seal	18	*	1
94−8178	Kit−Seal	19	*	1
95−0550	Asm−Manifold	8	18	1
95−0551	Tube − Exhaust	8	17	1
95−0552	Muffler	8	1	1
95−0553	Plate − Pump	14	10	1
95−0555	Hose − Hydraulic	23	24	1
95−0555	Hose − Suction	9	8	1
95−0556	Base − Engine	8	15	1
95−0557	Bracket − Muffler	8	7	1
95−0559	Tube − Rear,RH Rear Motor	17	2	1
95−0560	Tube − Front, LH Rear Motor	17	10	1
95−0564	Tube − Front, RH Rear Motor	17	1	1
95−0567	Tube − Rear, LH Rear Motor	17	11	1
95−0568	Bracket − Bulkhead	17	27	1
95−0571	Fork − Offset	4	10	1
95−0574	Harness − Wire	6	1	1
95−0574	Harness − Wire	5	34	1
95−0574	Harness − Wire	9	35	1
95−0574	Harness − Wire	8	43	1
95−0574	Wire Harness	2	40	1
95−0575	Tube − Shuttle Valve	17	18	1
95−0575	Tube − Valve, Shuttle	15	33	1
95−0576	Base − Fuel Tank	22	4	1
95−0577	Fitting − Bulkhead, Tee	17	26	2
95−0582	Hose − Air	8	33	1
95−0582	Hose − Air	1	22	1
95−0584	Rod − Pump, Control	13	10	1
95−0586	Asm−Clamp, Muffler	8	4	2
95−0587	Asm−Hydraulic Pump	9	9	1
95−0588	Panel − Dash	5	11	1
95−0590	Base − Hydraulic Tank	23	18	1
95−0591	Hose − Hydraulic	9	14	1
95−0591	Hose − Hydraulic	2	43	1
95−0592	Hose − Hydraulic	9	11	1
95−0592	Hose − Hydraulic	15	32	1
95−0594	Cap − Fitting	17	8	2
95−0595	Asm−Hydraulic Hose	9	5	2
95−0595	Hose − Hydraulic	17	29	2
95−0597	Asm−Choke Control	5	6	1
95−0598	Control − Throttle	5	15	1
95−0599	Asm−Wire	22	*	1
95−0599	Asm−Wire	6	2	1
95−0599	Asm−Wire	5	19	1
95−0599	Asm−Wire	2	42	1
95−0600	Asm−Frame	4	29	1
95−0601	Shroud − Lift Valve	15	2	1
95−0606	Decal − SandPro 2020	1	27	2
95−0610	Asm−Cover	1	8	1
95−0611	Bracket − RH	2	34	1
95−0612	Bracket − LH	2	35	1
95−0618	Hose − Fuel	22	22	1
95−0619	Hose − Gas Line	22	32	1
95−0619	Hose − Gas Line	8	12	1
95−0620	Strip − Retainer	1	19	1
95−0625	Rod − Traverse	21	24	1
95−0628	Rod − Brake	21	25	1
95−0628	Rod − Brake	15	35	1
95−0629	Fitting − Hose, Push On	9	10	1
95−0629	Fitting − Hydraulic 90°	23	16	1
95−0631	Mount − Pump	9	25	1

*Not Illustrated

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Part No.	Description	Pg. No.	Ref. No.	Qty.
95−0632	Asm−Cover	9	2	1
95−0636	Lever − Brake	15	21	1
95−0637	Plate − Seat	7	11	1
95−0642	Locknut − Bulkhead	17	25	2
95−0643	Tube − Hydraulic	15	34	1
95−0643	Tube − Valve to Cooler	1	6	1
95−0645	Plate − Hot Surface	8	25	1
95−0646	Decal − Service	7	9	1
95−0647	Decal − Lift	15	1	1
95−0648	Decal − Dash	5	9	1
95−5805	Asm−Air Cleaner	1	23	1
95−5806	Asm−Band, Mounting	1	24	1
95−5807	Spacer	1	16	2
95−5808	Cap − End	10	7	1
95−5809	Ball Bearing	10	20	1
95−5810	Shaft	11	47	1
95−5811	Plate − Valve	10	15	1
95−5812	Asm−Gerotor	10	39	1
95−5813	Ring − Retaining	10	21	1
95−5814	Valve − Acceleration	10	9	2
95−5815	Spring − Valve, Acceleration	10	8	1
95−5816	Plug	10	11	2
95−5817	Shield − Front	1	26	1
95−5818	Hood	1	1	1
95−5825	Asm−Wire	5	18	1
95−5825	Asm−Wire	2	41	1
95−5825	Wire	6	3	1
95−5826	Shield − Rubber	1	20	1
95−5827	Shield − Muffler	8	22	1
95−5828	Strip − Wear	2	38	2
95−5833	Guide − Lever, Lift	15	36	1
95−5840	Shield − Seat Base	7	15	1
95−5849	Turf Tire Kit (Optional)	21	*	2
95−7860	Decal − Infield Pro 2020	2	*	2
98−0928	Shaft − Steering, Lower	4	34	1
98−0940	Asm−Engine	8	16	1
98−0968	Tank − Hydraulic	23	4	1
98−0973	Pin − Spiral	4	8	1
98−8152	Hose − Hydraulic	23	28	1
98−8153	Asm−Hydraulic Hose	9	4	1
98−8153	Hose − Hydraulic	23	14	1
98−8161	Bracket − Support, Fender	24	10	1
218−461	Nut − Hex.	5	26	1
232−35	Stem − Valve	4	38	1
232−35	Stem − Valve	21	35	2
233−21	Knob	15	5	1
237−30	O−Ring	10	12	2
237−42	O−Ring	16	2	2
237−42	O−Ring	15	31	2
237−42	O−Ring	17	32	1
237−42	O−Ring	9	32	2
237−78	O−Ring	20	1	2
237−78	O−Ring	18	25	2
237−78	O−Ring	15	29	2
237−78	O−Ring	17	30	2
237−79	O−Ring	10	10	3
237−79	O−Ring	23	22	1
237−79	O−Ring	17	28	4
237−79	O−Ring	1	29	2
237−79	O−Ring	9	29	3
237−80	O−Ring	9	31	1
237−80	O−Ring	10	34	2
237−81	O−Ring	23	23	2
237−86	O−Ring	10	2	4
237−95	O−Ring	10	40	1
237−117	O−Ring	23	25	1
240−5	Grommet − Rubber	17	24	2
240−9	Grommet	22	25	3
240−11	Grommet	22	3	4
240−11	Grommet	23	19	4
242−50	Nut − Lug	21	3	8
242−50	Nut − Lug	4	13	4
249−40	Keeper	2	36	2
2410−73	Retainer − Tether	23	26	1
2412−36	Clamp	23	13	1
2412−36	Clamp	9	36	1
2412−36	Clamp − Hose	22	7	2
2412−73	Clamp − R	22	20	1
2412−73	R−Clamp	8	14	1
2412−92	Clamp − Hose	1	21	2
2412−92	Clamp − Hose	8	34	1
2412−98	Clamp − Hose	22	23	4
2412−98	Clamp − Hose	8	28	1
2412−129	Clamp − Hose	9	30	1
2412−129	Clamp − Worm	23	3	4
2412−133	Clamp − R	7	3	2
251−165	Asm−Bearing	4	16	2
251−166	Flange − Bearing	4	15	4
251−307	Bearing	14	20	2
252−82	Bearing − Needle	10	44	1
254−61	Cup − Bearing	4	28	2
254−70	Cone − Bearing	4	25	2
256−113	Bushing − Flange	14	14	2
256−185	Bushing − Sleeve	4	4	1
256−219	Bushing − Flange	13	3	2
2710−11	Link − Connecting	4	22	2
2710−20	Link − Offset	15	8	1
282−2	Clevis	21	15	2
282−2	Clevis	15	22	1
283−1	Pin − Clevis	21	16	2
283−14	Pin − Clevis	15	24	1
285−17	Plug	3	1	1
285−17	Plug − Pipe	10	23	2
302−33	Fitting−Grease	4	42	2
302−60	Fitting − Grease	14	16	1
321−3	Screw − HH	23	6	2
321−4	Screw − HH	7	16	3
321−4	Screw − HH	21	17	8
321−23	Screw − HH	15	15	4
322−2	Screw − HH	1	18	2
322−3	Screw − HH	22	18	2
322−4	Screw − HH	10	38	4
322−4	Screw−HH	24	11	2
322−5	Screw − HH	4	6	4
322−5	Screw − HH	1	15	4
322−6	Screw − HH	7	2	4
322−6	Screw − HH	8	2	3
322−8	Screw − HH	14	19	1
322−8	Screw − HH	15	28	2
322−10	Screw − HH	8	13	4
322−14	Screw − HH	13	1	1
322−14	Screw − HH	1	11	2
322−17	Screw − HH	9	19	4
323−6	Screw − HH	23	10	3
323−6	Screw − HH	22	13	3
323−6	Screw − HH	9	15	6
323−7	Screw − HH	24	6	6
323−10	Screw − HH	14	4	1
323−45	Screw − HH	11	55	4
325−5	Screw − HH	17	20	4
325−7	Screw − HH	9	6	2
325−14	Screw − HH	21	6	8
3217−7	Nut − Hex.	4	12	4
3217−9	Nut − Hex.	21	8	4
3217−9	Nut − Hex.	9	27	2
3217−25	Nut − Hex.	5	33	2
3218−5	Nut − Jam	13	12	2
3218−13	Nut − Jam	5	22	2

*Not Illustrated

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Part No.	Description	Pg. No.	Ref. No.	Qty.
3219−3	Nut − Hex.	5	14	1
3219−14	Nut − Hex.	5	24	4
3220−2	Nut − Hex.	15	23	1
3220−2	Nut − Hex. Jam	21	18	2
3231−2	Bolt − Carriage	4	14	4
3234−1	Screw − HHF	21	29	4
3234−4	Screw − HH	15	3	2
3234−5	Screw − HH	7	7	4
3234−33	Screw − HFH	1	14	3
3234−33	Screw − HH	5	1	4
3241−5	Screw − Set, Square Hd.	9	20	4
3250−36	Screw − PPH	22	6	4
3250−36	Screw − PPH	23	17	3
3253−3	Washer − Lock	23	7	2
3253−4	Washer − Lock	5	23	2
3253−5	Washer − Lock	9	3	6
3253−7	Washer − Lock	21	7	8
3253−7	Washer − Lock	9	28	2
3253−17	Washer − Lock	5	25	2
3253−21	Washer − Lock	4	11	4
3254−5	Washer − Lock ITLW	5	27	1
3254−6	Washer − Lock ITLW	5	13	1
3255−7	Washer − Lock, Int. Tooth	8	24	3
3255−8	Washer − Lock, Ext. Tooth	8	11	1
3255−20	Washer − Lock ITLW	5	32	2
3256−1	Washer − Flat	8	10	4
3256−3	Washer − Flat	7	4	4
3256−22	Washer − Flat	22	11	2
3256−23	Washer − Flat	13	2	1
3256−23	Washer − Flat	8	3	6
3256−23	Washer − Flat	1	10	4
3256−23	Washer − Flat	9	17	4
3256−23	Washer − Flat	15	26	1
3256−23	Washer−Flat	4	41	2
3256−24	Washer − Flat	23	9	3
3256−24	Washer − Flat	13	13	2
3256−24	Washer − Flat	22	14	3
3256−24	Washer − Flat	21	28	4
3256−25	Washer − Flat	13	9	1
3256−26	Washer − Flat	17	21	4
3256−70	Washer − Flat	24	2	16
3256−82	Washer − Flat	1	17	2
3257−32	Key − Woodruff	10	19	2
3257−32	Key − Woodruff	9	26	1
3257−42	Key − Woodruff	18	17	1
3257−42	Key − Woodruff	19	17	1
3257−42	Key − Woodruff	17	31	2
3269−8	Rivet − Pop	1	30	10
3269−32	Rivet − Pop	8	9	2
3272−6	Pin − Cotter	21	19	3
3272−6	Pin − Cotter	15	25	1
3272−10	Pin − Cotter	21	20	2
3272−16	Pin − Cotter	13	8	1
3272−23	Pin − Cotter	17	6	4
3272−37	Pin − Cotter	4	30	1
3274−55	Screw − HSBH	24	3	8
3274−69	Screw − HSBH	22	21	1
3290−360	Screw − HH	15	7	2
3290−378	Tie − Cable	9	33	1
3290−378	Tie − Cable	8	44	1
3290−378	Tie − Wire	2	37	3
3290−477	Washer − Wave	15	37	1
3295−26	Rivet − Semi Tubular	1	31	2
3296−2	Nut − Lock	15	10	2
3296−4	Nut − Lock	14	11	1
3296−4	Nut − Lock	4	20	2
3296−9	Nut − Lock	14	1	2
3296−12	Nut − Lock	5	16	2
3296−16	Nut − Lock	15	38	2
3296−29	Nut − Hex.	8	5	7
3296−29	Nut − Lock	24	4	10
3296−29	Nut − Lock	7	6	4
3296−29	Nut − Lock	13	7	1
3296−29	Nut − Lock	14	7	2
3296−29	Nut − Lock	1	12	6
3296−29	Nut − Lock	9	16	4
3296−29	Nut − Lock	22	17	2
3296−29	Nut − Lock	15	27	2
3296−29	Nut − Lock	4	35	4
3296−39	Nut − Lock	22	5	3
3296−39	Nut − Lock	13	14	1
3296−39	Nut − Lock	23	15	3
3296−39	Nut − Lock	14	23	1
3296−42	Nut − Lock	15	11	4
3296−42	Nut − Lock	22	19	1
3296−42	Nut − Lock	21	21	8
3296−42	Nut−Lock	7	14	3
3296−59	Nut − Lock	21	27	4
32103−12	Nut − Wing	22	10	2
32104−42	Screw − Self Tapping	5	20	2
32104−76	Screw − Self Tapping	15	16	1
32105−2	Screw − HH	5	4	2
32105−21	Screw − Machine	14	6	2
32120−11	Ring − Retaining	10	46	1
32121−6	Pin − Roll	21	23	3
32121−15	Pin − Spiral	4	32	2
32121−73	Pin − Spring	15	19	1
32121−91	Pin − Spring	11	49	4
32121−111	Pin − Spiral	4	2	1
32136−9	Nut − Slotted	4	31	1
32144−11	Screw − HFH	5	3	2
32144−14	Screw − HWHTF	17	3	2
32151−46	Ring − Retaining	10	28	2
32152−10	Nut	20	3	1
33113−008	Screw	8	41	4
33113−012	Screw − HH	8	23	3
353−212	Fitting − Hydraulic 45˚	15	13	1
353−212	Fitting − Hydraulic 45˚	17	16	1
353−371	Fitting − Hydraulic 90˚	1	5	2
353−374	Fitting − Hydraulic 90˚	9	13	1
353−426	Fitting − Hydraulic 90˚	17	12	4
353−431	Fitting − Hydraulic 45˚	17	15	1
353−511	Fitting − Hydraulic 90˚	15	4	1
353−511	Fitting − Hydraulic 90˚	9	12	1
353−877	Fitting − Swivel Run Tee	15	12	1
353−987	Fitting − Hydraulic 90˚	23	11	2
353−988	Plug	10	22	1
353−990	Plug	18	24	2
354−120	Fitting − Hydraulic 45˚	23	5	1
354−126	Fitting − Barb	9	37	1
354−132	Fitting − Hydraulic 90˚	17	5	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 2020 has two identification numbers; a model number and a serial number. The two numbers are stamped on a plate located on the left fender. In any correspondence concerning the Sand Pro 2020, 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 2020.
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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