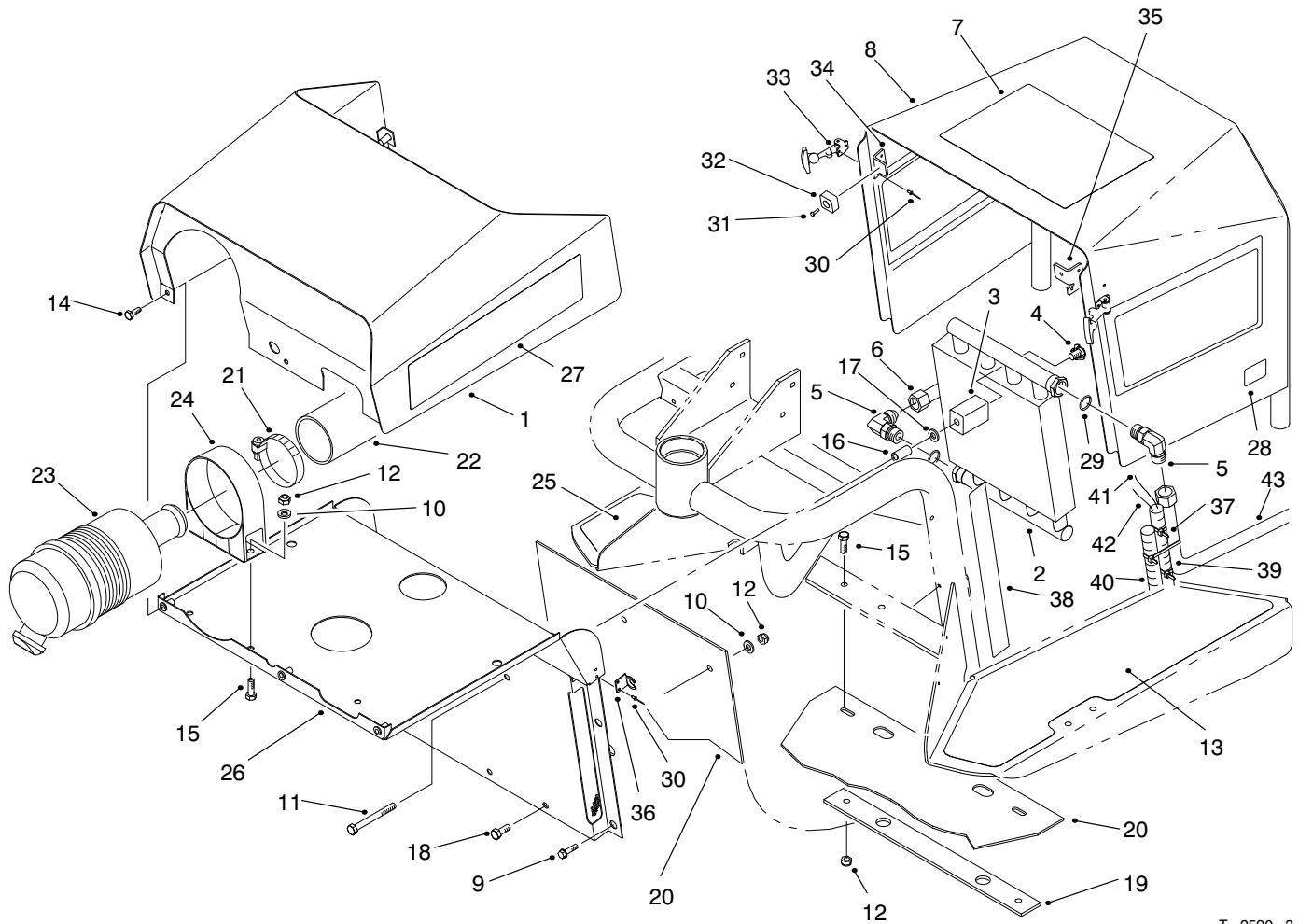




MODEL NO. 08884-90001 & UP	PARTS CATALOG
SAND PRO® 2020	

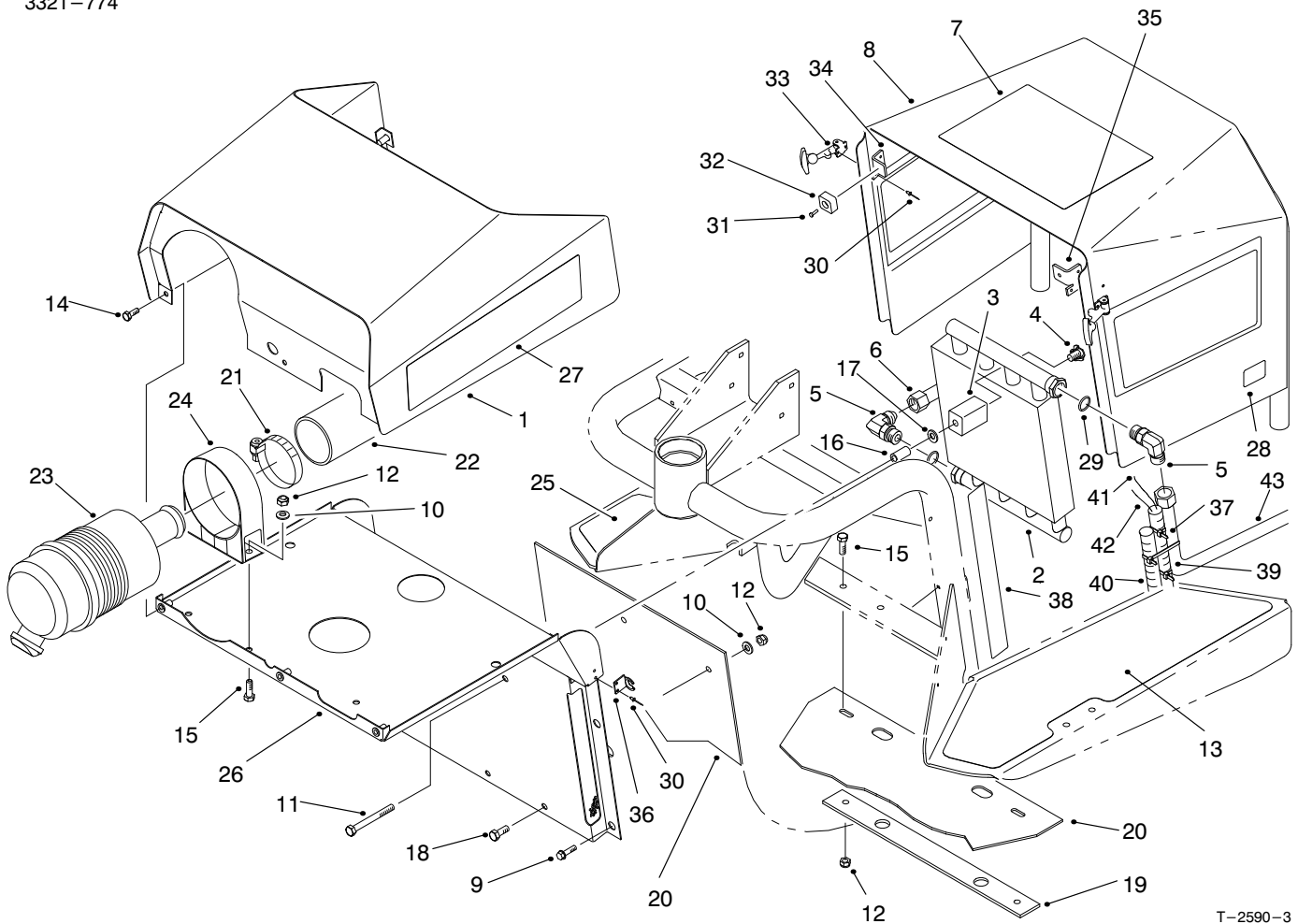


T-2590-3

SHROUDING & OIL COOLER ASM

Ref. No.	Part No.	Description	No. Used
1	99-1644	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



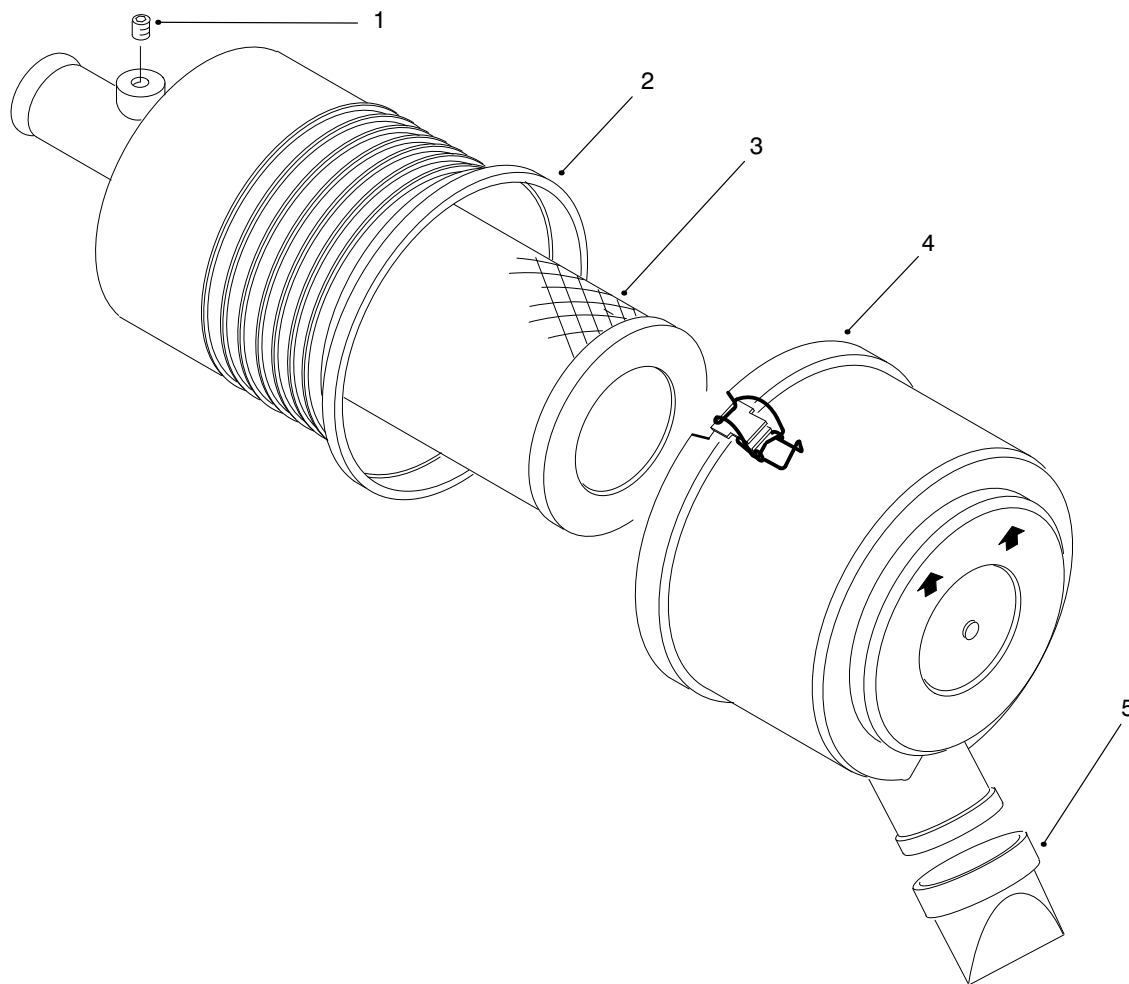
T-2590-3

SHROUDING & OIL COOLER ASM (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-Convolutd	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



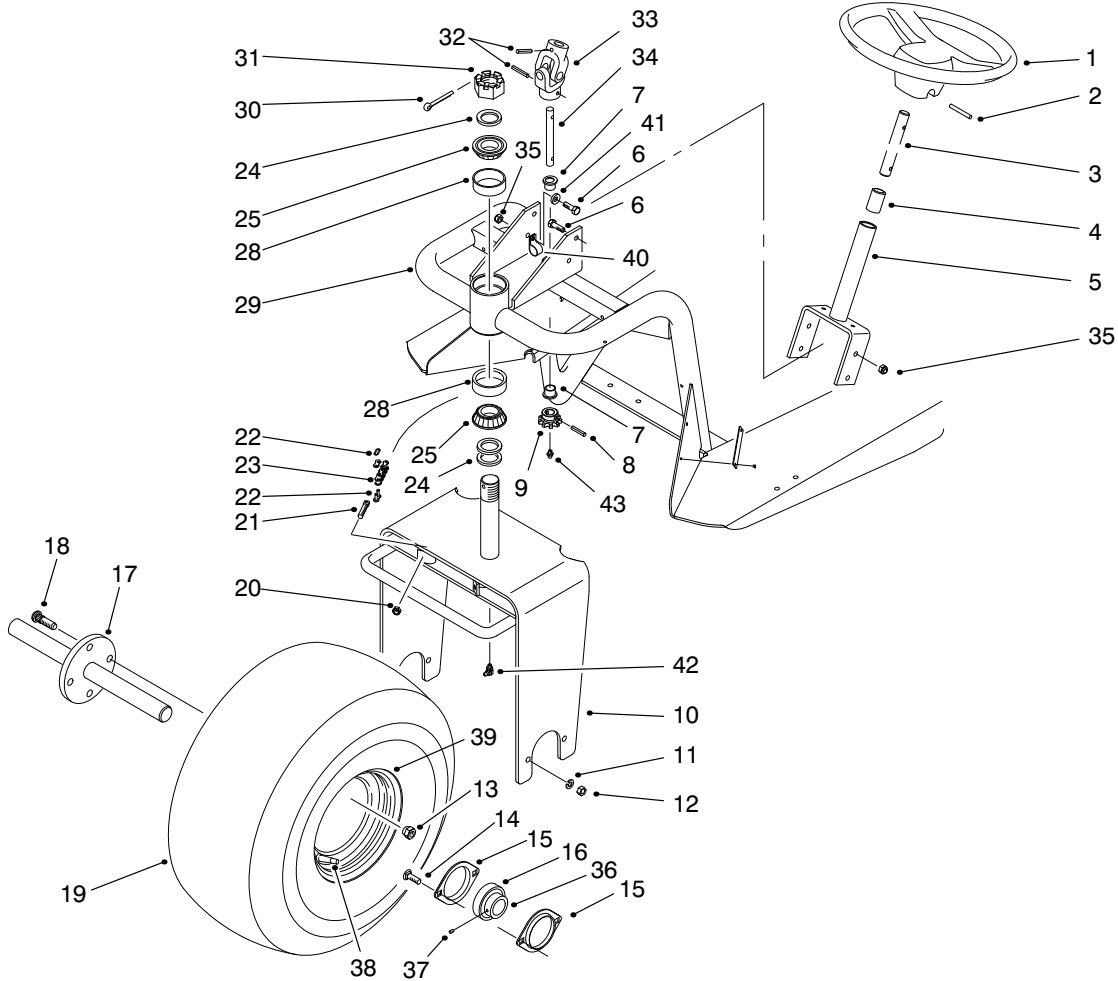
T-2607

AIR CLEANER ASM 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

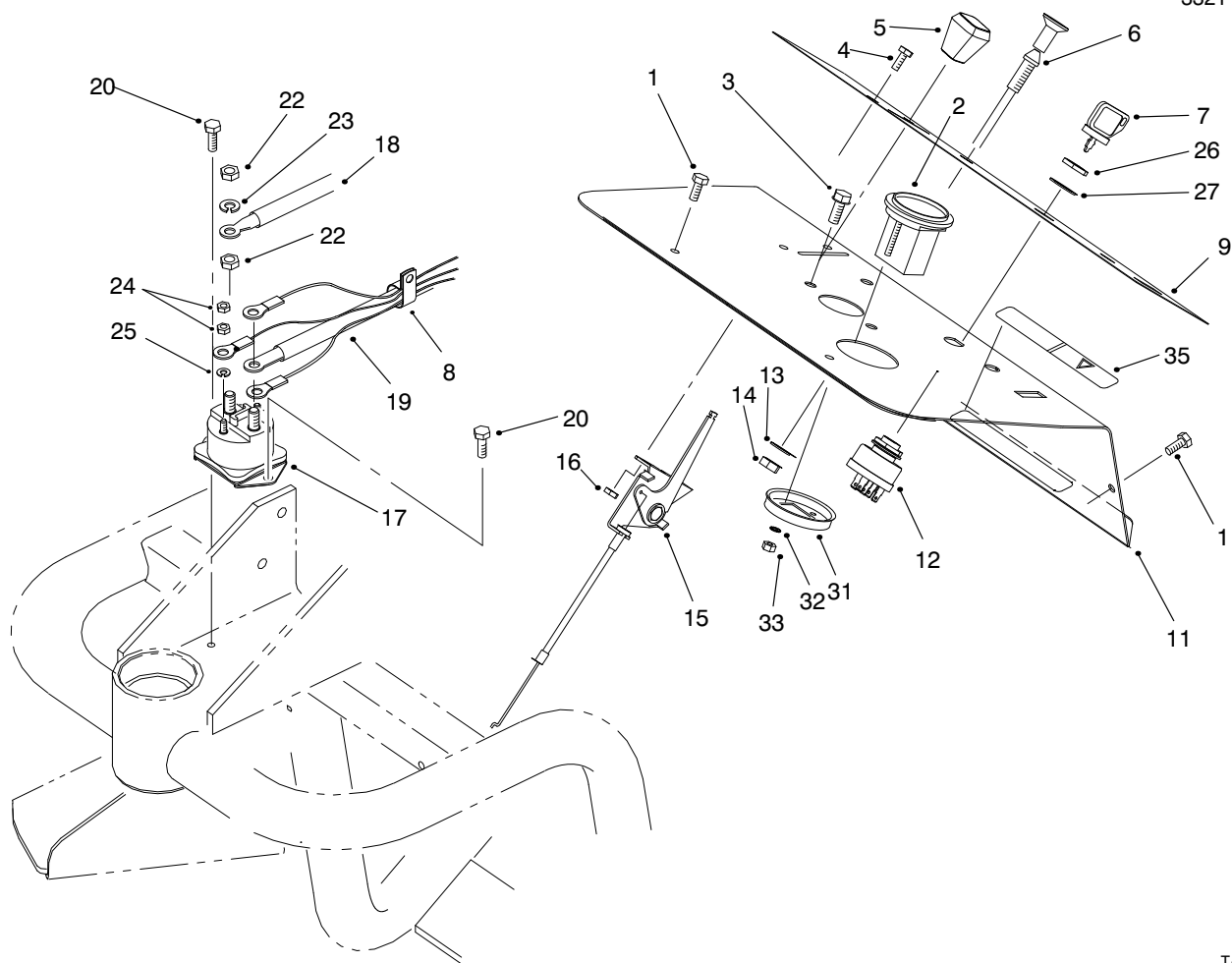


T-2581-4

FRONT WHEEL & STEERING ASM

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
21	18-6380	Pin-Steering Adjustment	2

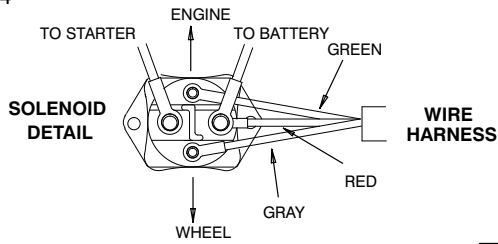
Ref. No.	Part No.	Description	No. Used
22	2710-11	Link-Connecting	2
23	92-5039	Chain	1
24	18-6320	Washer-Steering	3
25	254-70	Cone-Bearing	2
28	254-61	Cup-Bearing	2
29	95-0600	Asm-Frame (Incl. Ref. #7)	1
30	3272-37	Pin-Cotter	1
31	32136-9	Nut-Slotted	1
32	32121-15	Pin-Spiral	2
33	85-9200	Knuckle-Steering	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 90°	1
43	302-2	Fitting-Grease	1



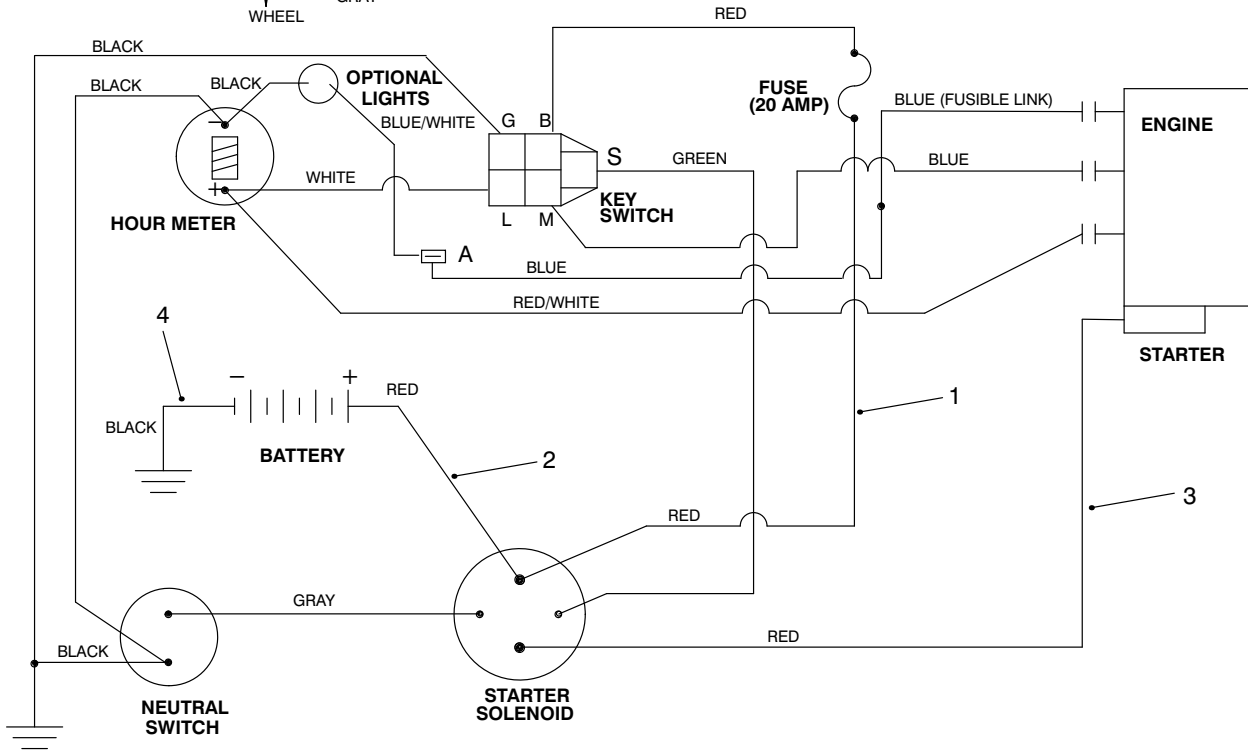
T-2589-5

DASH PANEL ASM

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	3234-33	Screw-HH	4	16	3296-12	Nut-Lock	2
2	66-2950	Asm-Hourmeter (Incl. Ref. #31-33)	1	17	28-4210	Solenoid-Starter	1
3	32144-11	Screw-HFH	2	18	95-5825	Asm-Wire	1
4	32105-2	Screw-HH	2	19	95-0599	Asm-Wire	1
5	66-0120	Knob-Throttle	1	20	32104-42	Screw-Self Tapping	2
6	95-0597	Asm-Choke Control	1	22	3218-13	Nut-Jam	2
7	63-8360	Key-Ignition	2	23	3253-4	Washer-Lock	2
8	94-6821	Clamp-Wire	1	24	3219-14	Nut-Hex.	4
9	95-0648	Decal-Dash	1	25	3253-17	Washer-Lock	2
11	99-1646	Panel-Dash	1	26	218-461	Nut-Hex.	1
12	83-0020	Asm-Ignition Switch (Incl. Ref. #26 & 27)	1	27	3254-5	Washer-Lock ITLW	1
13	3254-6	Washer-Lock ITLW	1	31		Clamp-Mounting	1
14	3219-3	Nut-Hex.	1	32	3255-20	Washer-Lock ITLW	2
15	95-0598	Control-Throttle	1	33	3217-25	Nut-Hex.	2
				34	95-0574	Harness-Wire	1
				35	93-9052	Decal-Shields Missing	1



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

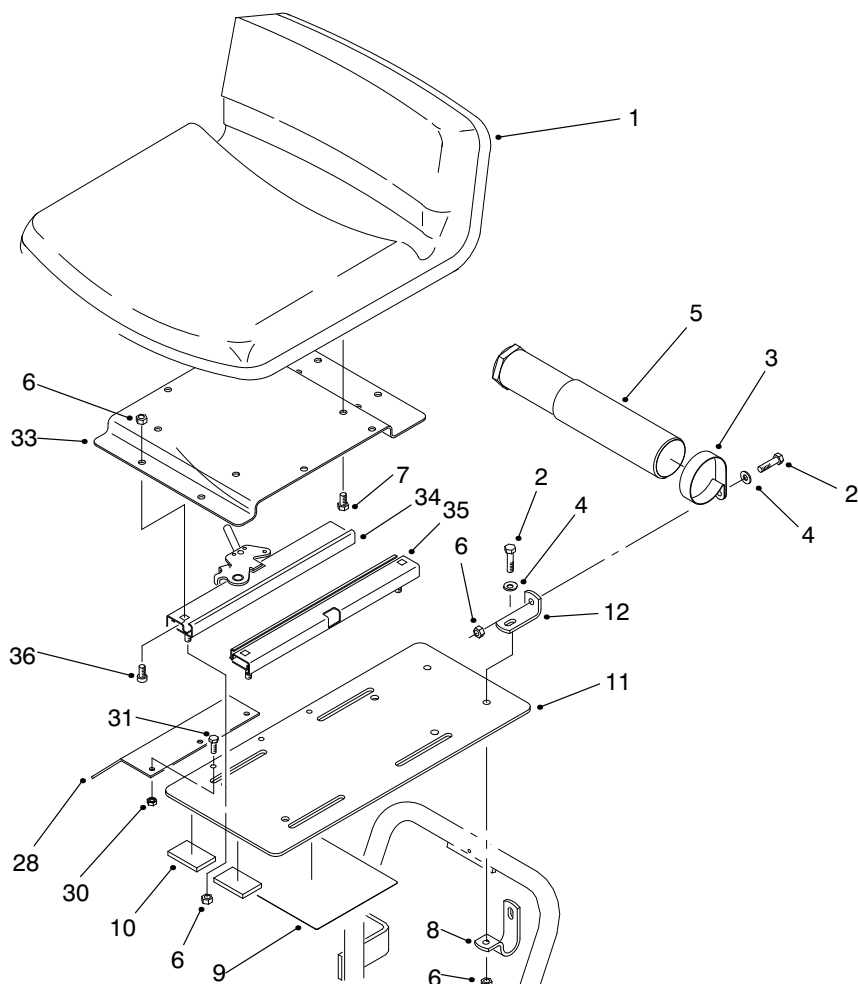


T-2593

ELECTRICAL SCHEMATIC

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

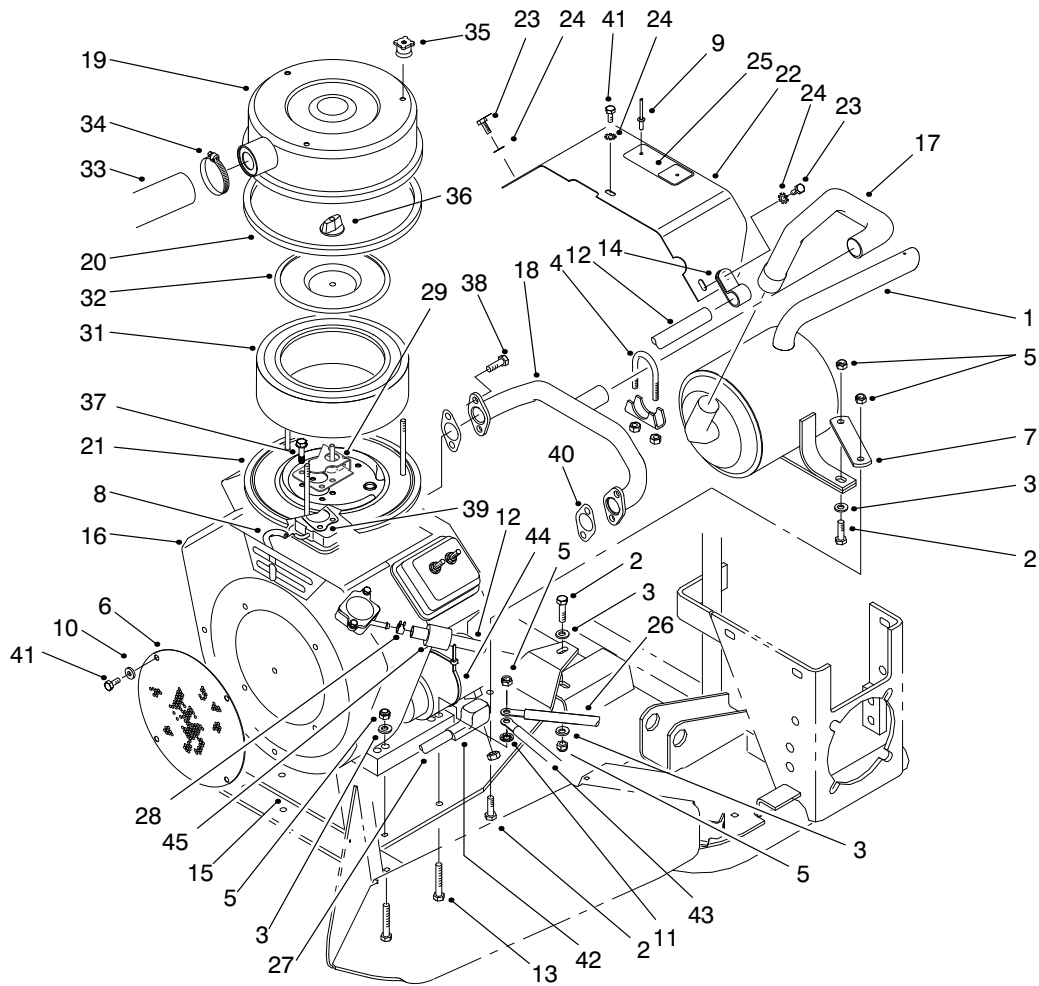
Ref. No.	Part No.	Description	No. Used
3	95-5825	Wire	1
4	86-7450	Wire-Ground, Battery	1



T-3143

SEAT ASM

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	92-8976	Seat	1	10	74-0340	Cushion-Rubber	2
2	322-6	Screw-HH	4	11	95-0637	Plate-Seat	1
3	2412-133	Clamp-R	2	12	92-8973	Angle	2
4	3256-3	Washer-Flat	4	28	95-5840	Shield-Base, Seat	1
5	74-0720	Tube-Manual	1	30	3296-42	Nut-Lock	3
6	3296-29	Nut-Lock	12	31	321-4	Screw-HH	3
7	3234-14	Screw-HH	4	33	86-7610	Plate-Seat	1
8	92-8972	Clamp-Seat	2	34	51-0790	Slider-Seat, Adjustment	1
9	95-0646	Decal-Service	1	35	51-0780	Slider-Seat	1
9	93-7251	Decal-Service (Europe)	1	36	3274-12	Screw-HSH	4

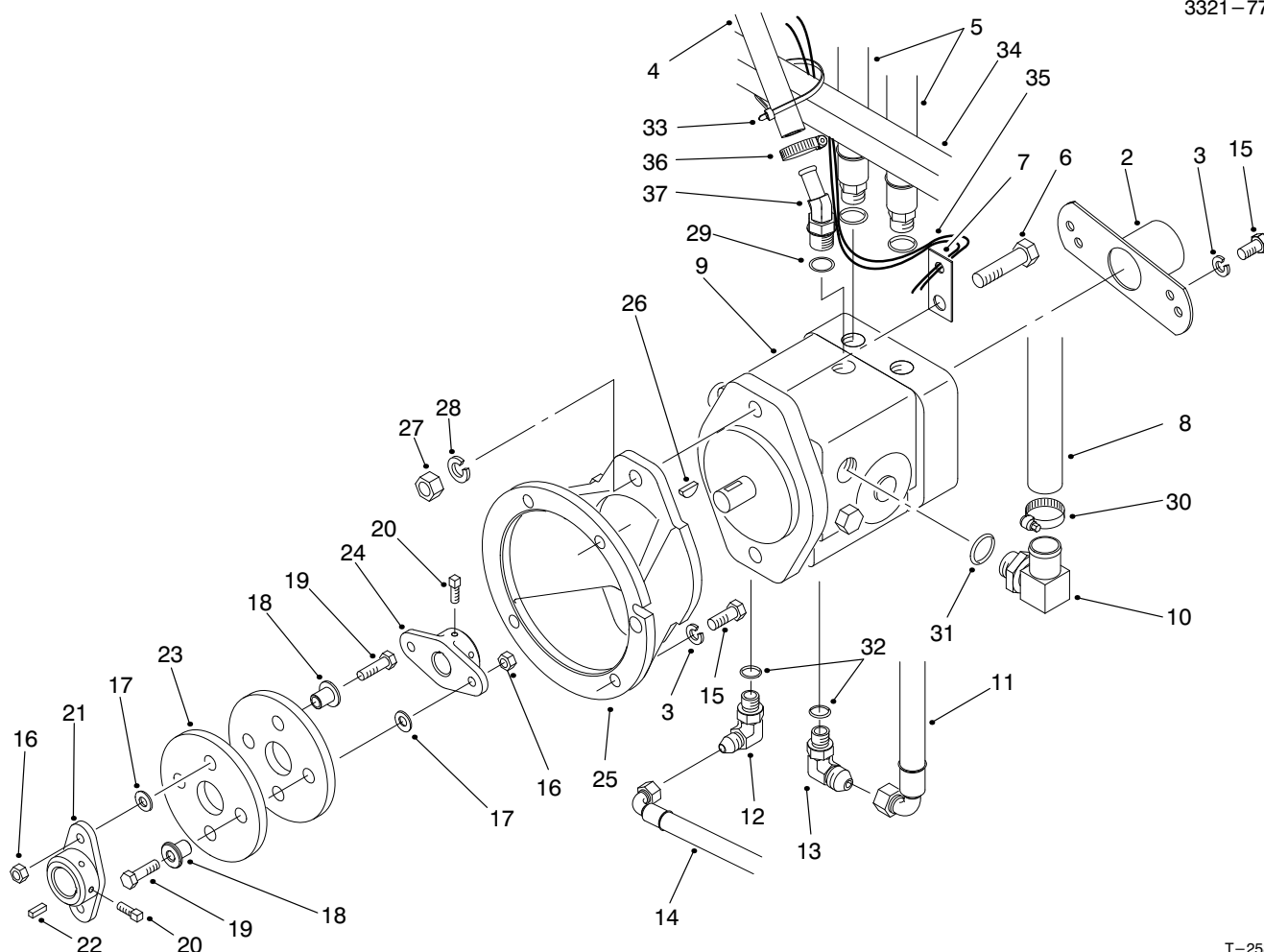


T-2588-5

ENGINE INSTALLATION ASM

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	95-0552	Muffler	1	23	33113-012	Screw-HH	3
2	322-6	Screw-HH	3	24	3255-7	Washer-Lock, Int. Tooth	3
3	3256-23	Washer-Flat	6	25	95-0645	Plate-Hot Surface	1
4	95-0586	Asm-Clamp, Muffler	2	26	86-7450	Wire-Battery, Ground	1
5	3296-29	Nut-Lock	7	27	86-7570	Asm-Wire	1
6	92-8996	Screen	1	28	2412-98	Clamp-Hose	1
7	95-0557	Bracket-Muffler	1	29	85-0440	Shield-Carburetor, Inlet	1
8	75-4705	Hose-Fuel	1	31	83-1770	Element-Air Cleaner	1
9	3269-32	Rivet-Pop	2	32	85-0420	Plate-Cover	1
10	3256-1	Washer-Flat	4	33	95-0582	Hose-Air	1
11	3255-8	Washer-Lock, Ext. Tooth	1	34	2412-92	Clamp-Hose	1
12	95-0619	Hose-Gas Line	1	35	88-8640	Knob-Air Cleaner	3
13	322-10	Screw-HH	4	36	85-0430	Knob-Air Cleaner	1
14	2412-73	R-Clamp	1	37	85-0460	Screw-Washer Face	5
15	95-0556	Base-Engine	1	38	85-0540	Screw	4
16	98-0940	Asm-Engine	1	39	85-0470	Gasket-Carburetor	1
17	95-0551	Tube-Exhaust	1	†40	805024	Gasket-Manifold	2
18	95-0550	Asm-Manifold	1	41	33113-008	Screw	4
19	85-8370	Asm-Cover, Air Cleaner	1	42	83-2490	Boot	1
20	85-8360	Gasket-Ring	1	43	95-0574	Harness-Wire	1
21	85-8430	Asm-Base, Air Cleaner	1	44	3290-378	Tie-Cable	1
22	95-5827	Shield-Muffler (Incl. Ref. # 9 & 25)	1	45	38-3400	Bumper-Rubber	1

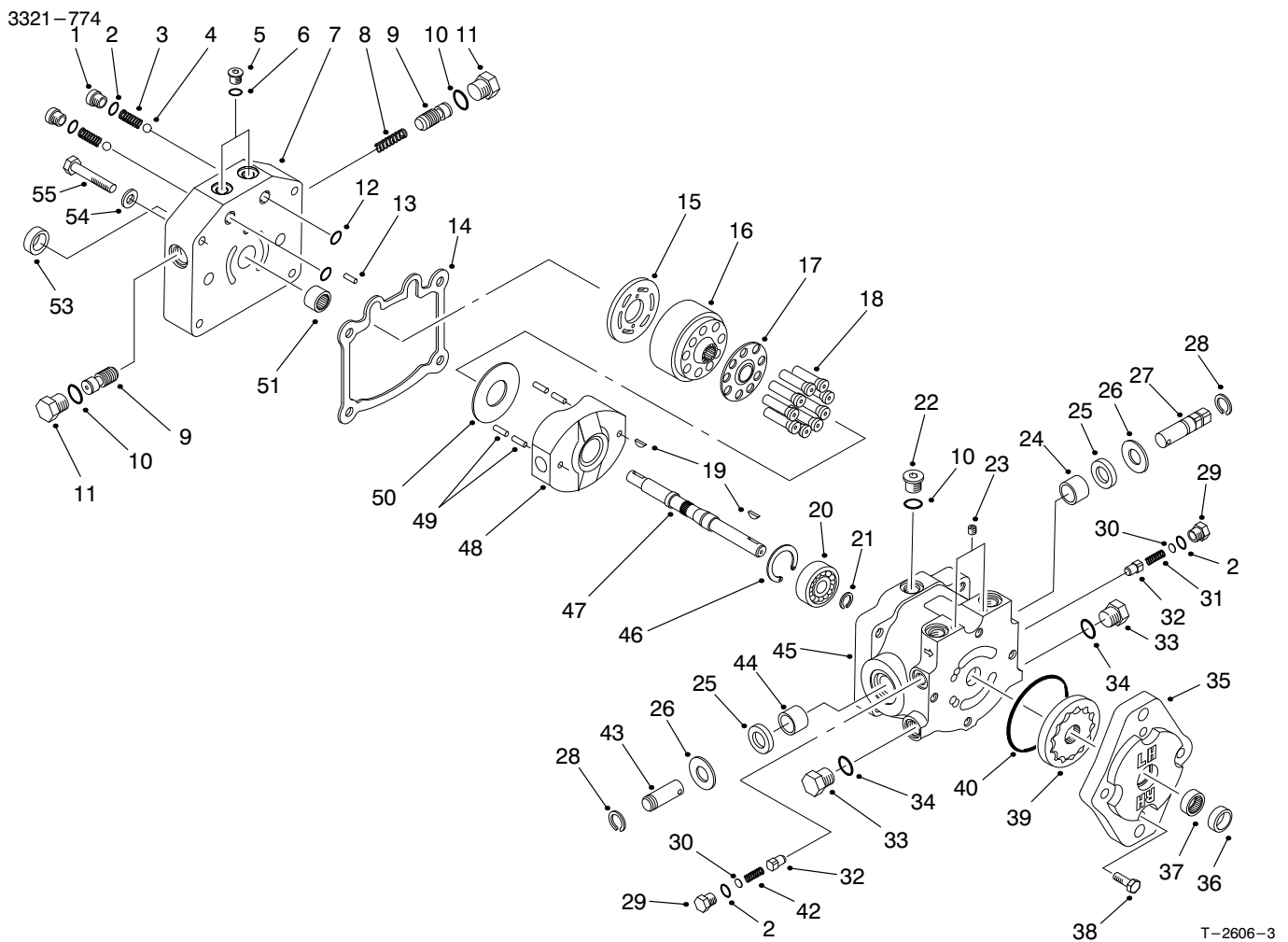
† Contact your local Briggs & Stratton dealer for replacement parts.



T-2584-5

HYDRAULIC PUMP INSTALLATION ASM

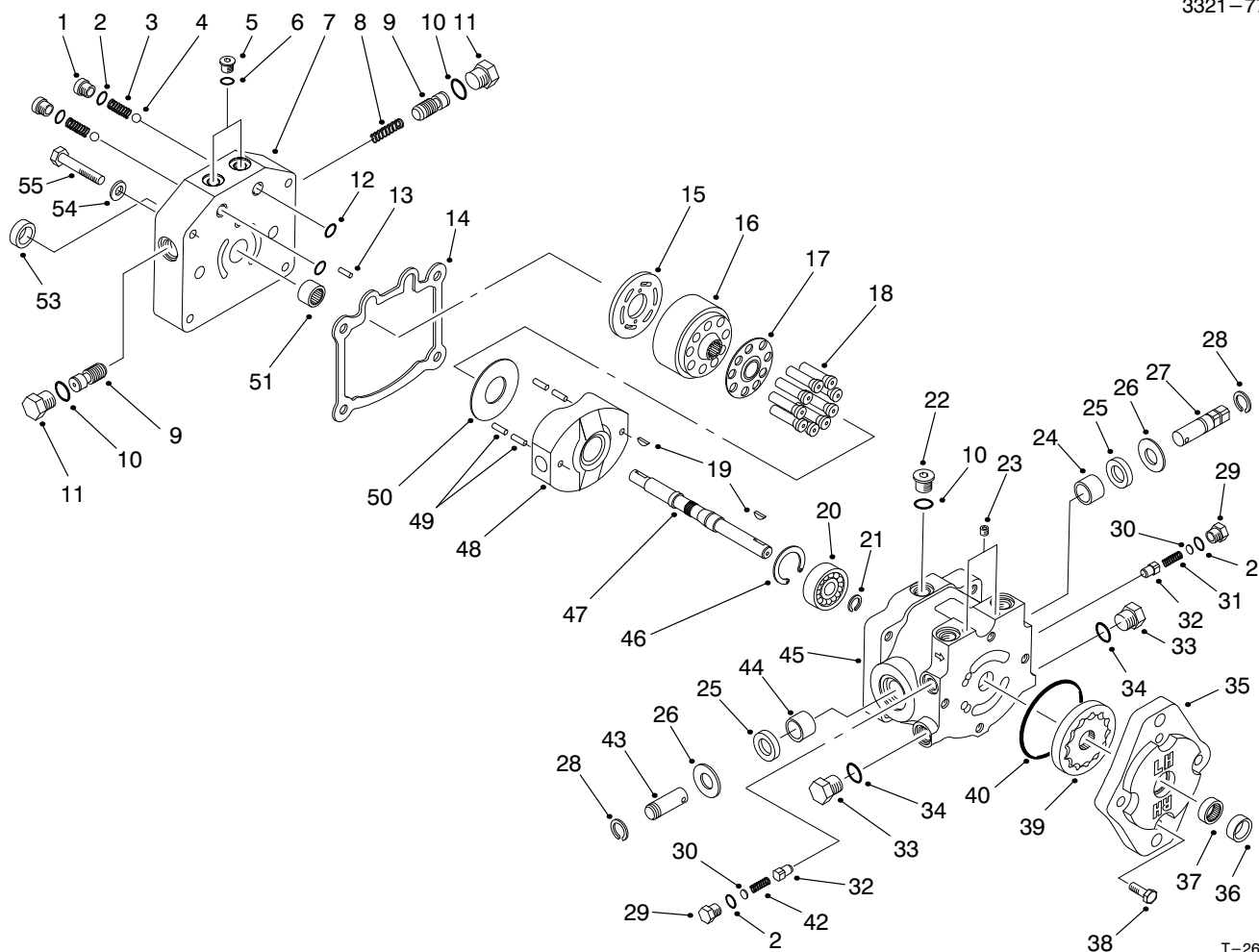
Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
2	95-0632	Asm-Cover	1	18	71-4411	Spacer-Coupling	4
3	3253-5	Washer-Lock	6	19	322-17	Screw-HH	4
4	98-8153	Asm-Hydraulic Hose (Incl. Ref. #29)	1	20	3241-5	Screw-Set, Square Hd.	4
5	95-0595	Asm-Hydraulic Hose (Incl. Ref. #29)	2	21	27-1960	Hub-Engine	1
6	325-7	Screw-HH	2	22	10-7070	Key-Square	1
7	26-2950	Standoff-Wire	1	23	80-8650	Coupling-Rubber	2
8	95-0555	Hose-Suction	1	24	49-9600	Hub-Pump	1
9	95-0587	Asm-Hydraulic Pump (Incl. Ref. #26)	1	25	95-0631	Mount-Pump	1
10	95-0629	Fitting-Hose, Push On (Incl. Ref. #31)	1	26	3257-32	Key-Woodruff	1
11	95-0592	Hose-Hydraulic	1	27	3217-9	Nut-Hex.	2
12	353-511	Fitting-Hydraulic 90° (Incl. Ref. #32)	1	28	3253-7	Washer-Lock	2
13	353-374	Fitting-Hydraulic 90° (Incl. Ref. #32)	1	29	237-79	O-Ring	3
14	95-0591	Hose-Hydraulic	1	30	2412-129	Clamp-Hose	1
15	323-6	Screw-HH	6	31	237-80	O-Ring	1
16	3296-29	Nut-Lock	4	32	237-42	O-Ring	2
17	3256-23	Washer-Flat	4	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 ASM 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

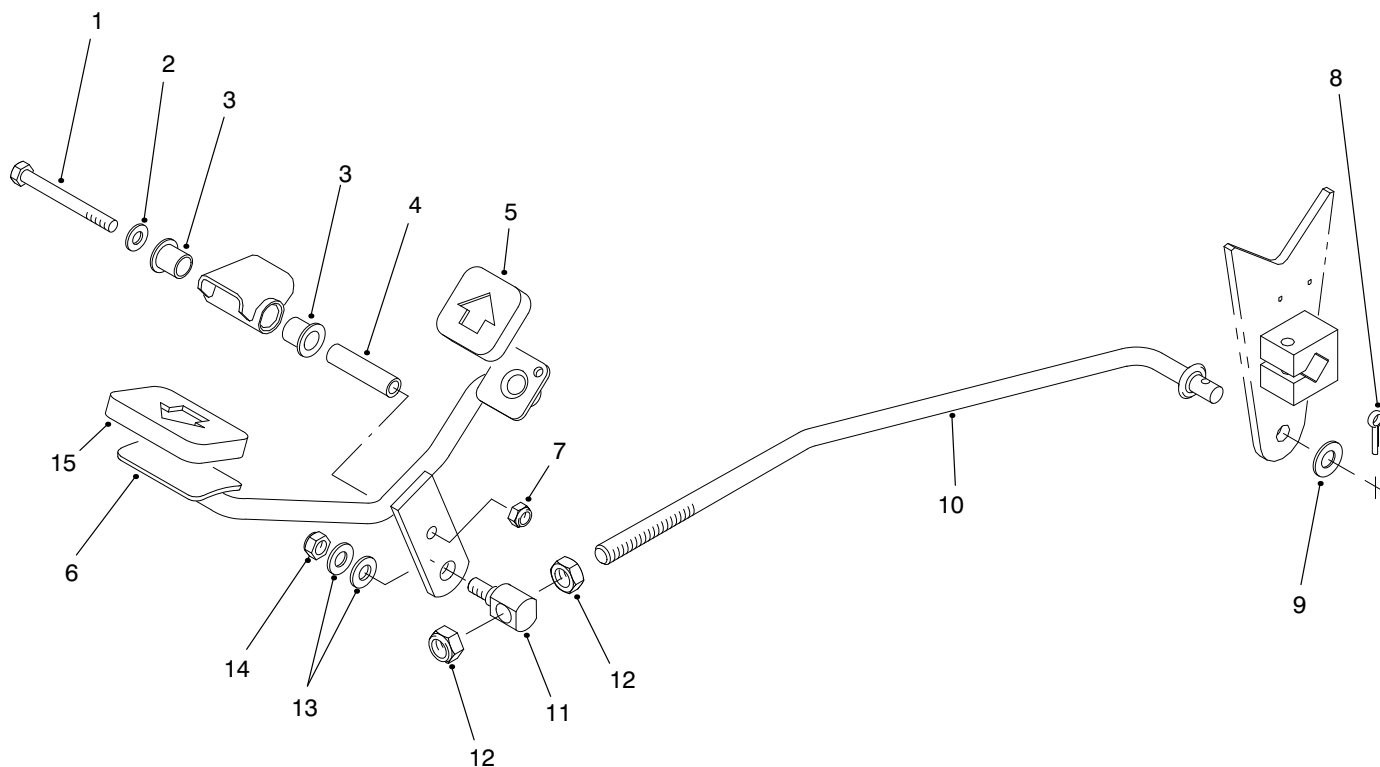


T-2606-3

HYDRAULIC PUMP ASM NO. 95-0587 (Continued)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
47	95-5810	Shaft	1	*	25-3180	Kit-Valve, Check (Incl. Ref. #1-4)	1
48	25-2450	Swashplate	1	*	49-8520	Kit-Implement Relief (Incl. Ref. #2 & 29-32)	1
49	32121-91	Pin-Spring	4	*	49-8510	Kit-Relief, Charge (Incl. Ref. #2, 29-30 & 41-42)	1
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				

* Not Illustrated

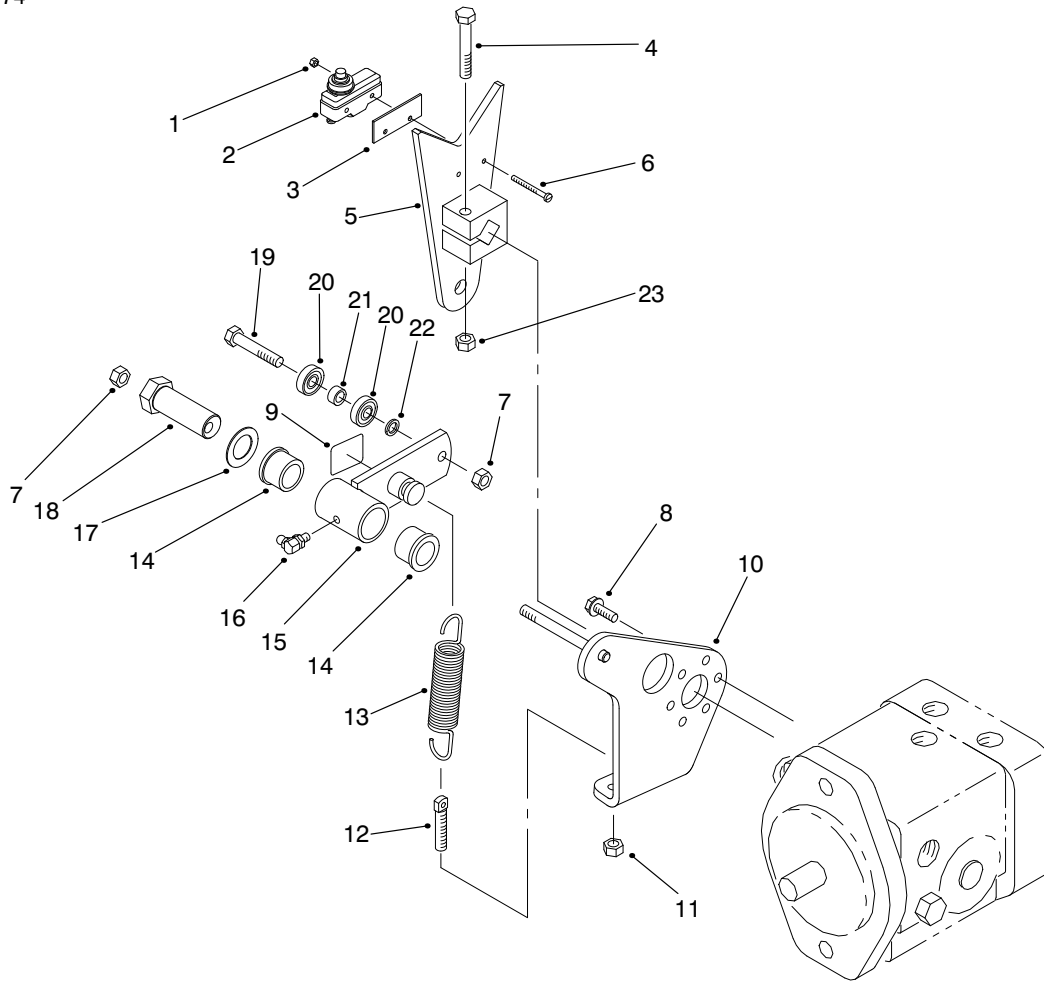


T-2582

TRACTION PEDAL ASM

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

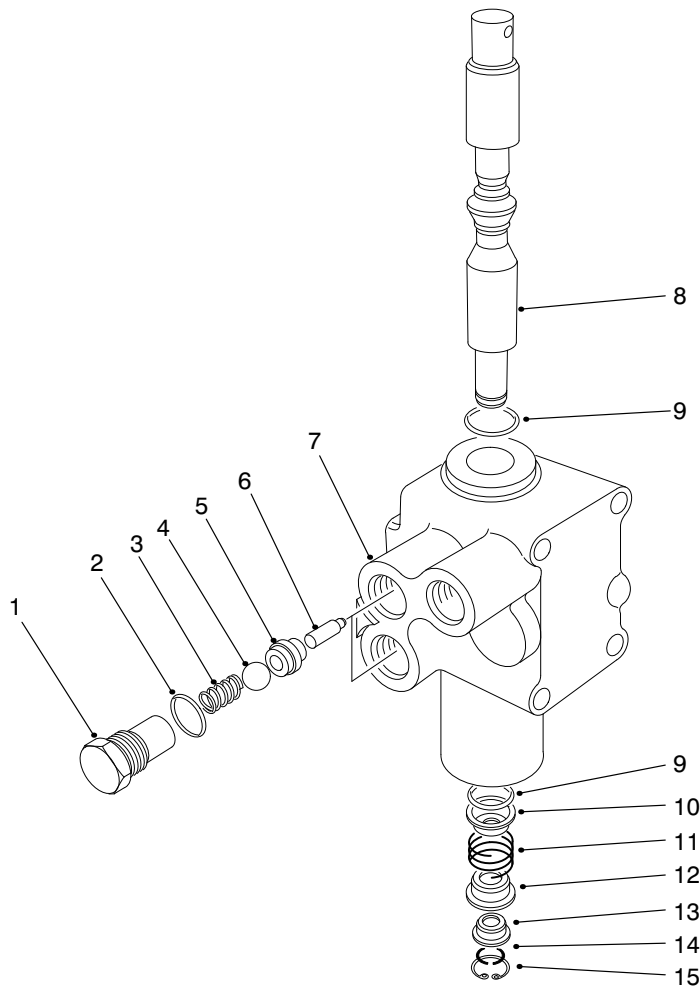


T-2583

PUMP CONTROL LEVER ASM

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



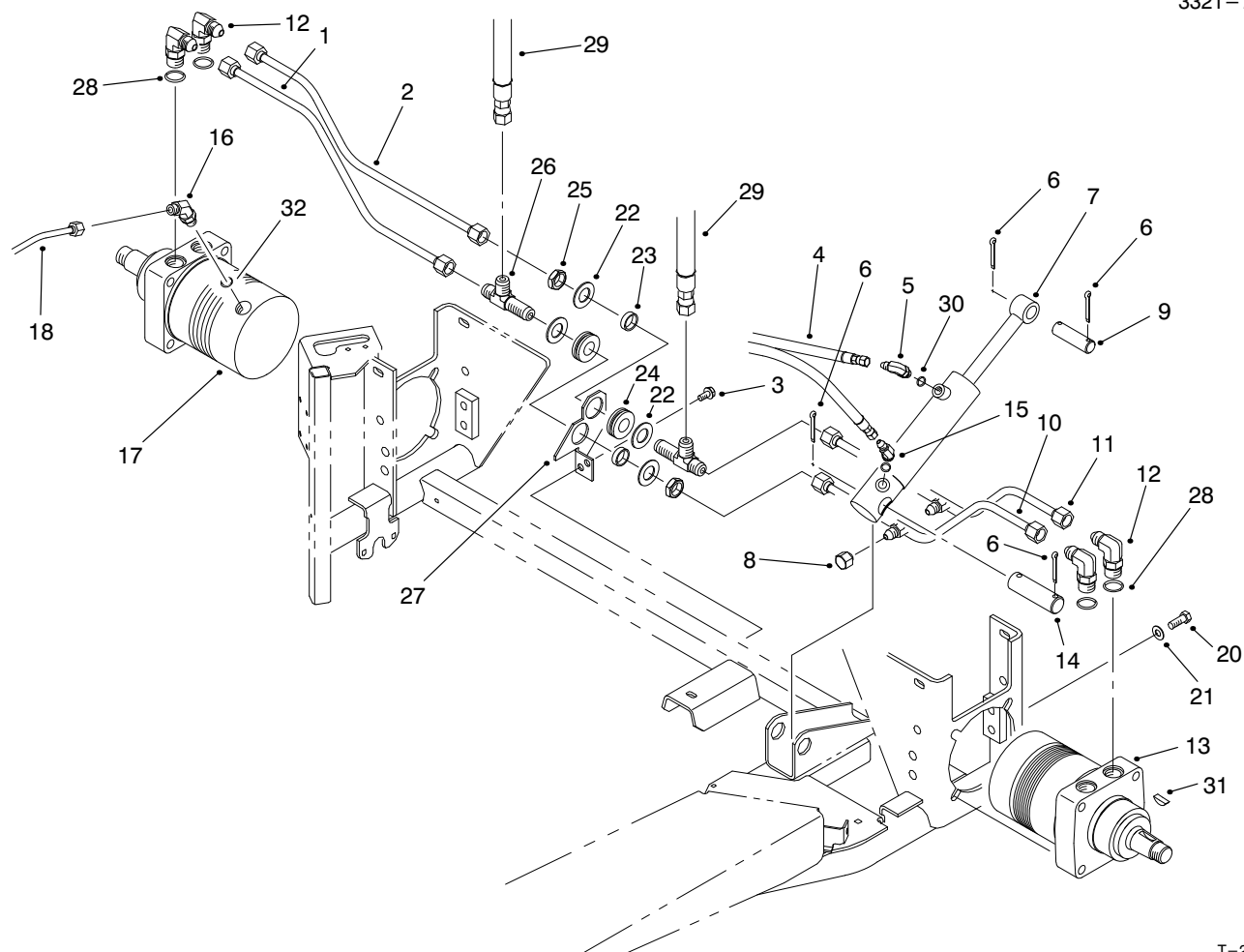
T-0428-2

HYDRAULIC LIFT 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	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

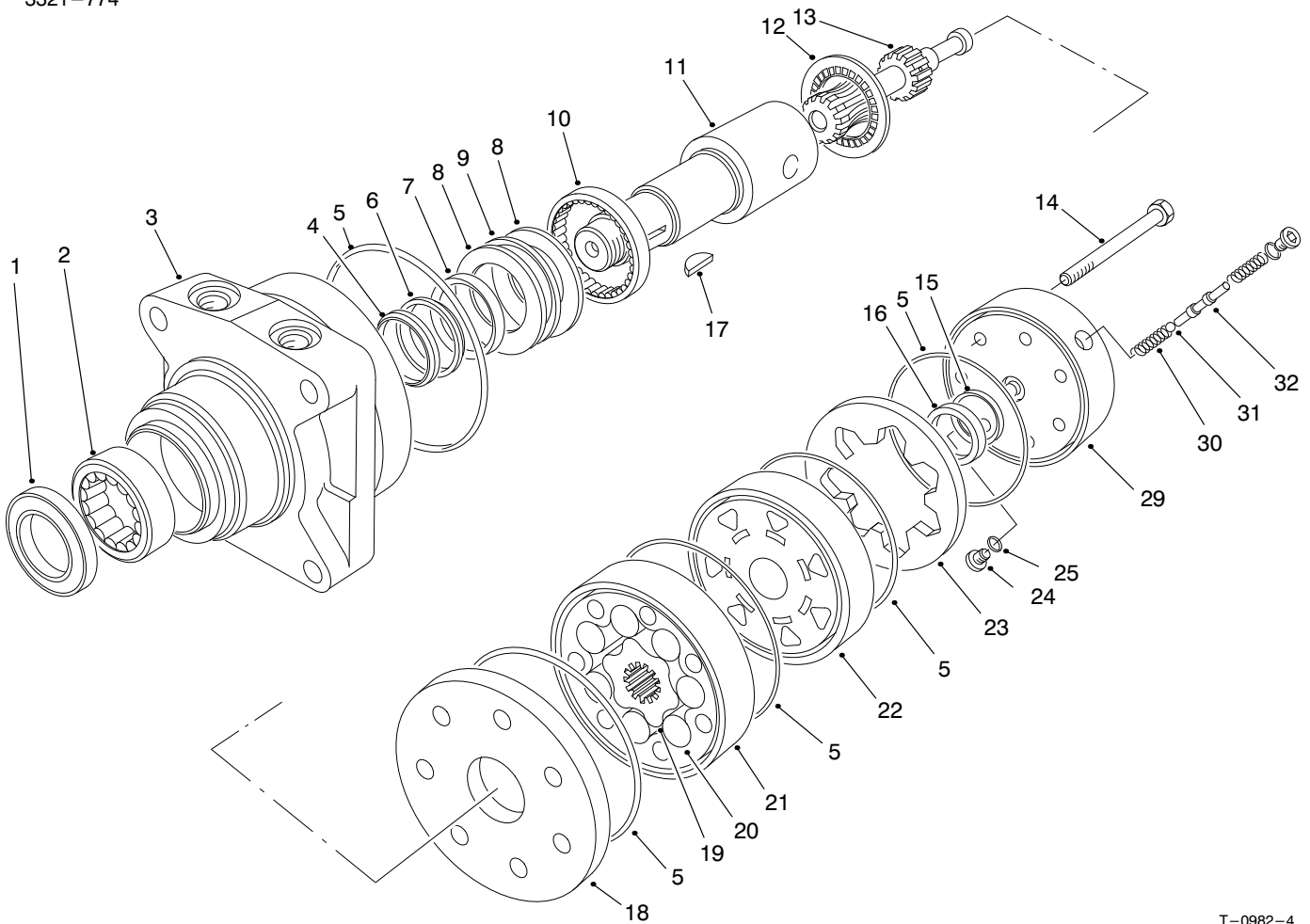
† Not Serviced Separately



T-2585-3

REAR WHEEL DRIVE ASM

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	95-0564	Tube-Front, RH Rear Motor	1	16	353-212	Fitting-Hydraulic 45° (Incl. Ref. #32)	1
2	95-0559	Tube-Rear, RH Rear Motor	1	17	75-9840	Hydraulic Motor-Wheel	1
3	32144-14	Screw-HWHTF	2	18	95-0575	Tube-Shuttle Valve	1
4	22-4670	Hose-Hydraulic	2	20	325-5	Screw-HH	4
5	354-132	Fitting-Hydraulic 90° (Incl. Ref. #30)	1	21	3256-26	Washer-Flat	4
6	3272-23	Pin-Cotter	4	22	69-8930	Washer	4
7	83-7000	Cylinder-Hydraulic	1	23	69-8960	Spacer	2
8	95-0594	Cap-Fitting	2	24	240-5	Grommet-Rubber	2
9	18-7310	Pin-Cylinder, Rake	1	25	95-0642	Locknut-Bulkhead	2
10	95-0560	Tube-Front, LH Rear Motor	1	26	95-0577	Fitting-Bulkhead, Tee	2
11	95-0567	Tube-Rear, LH Rear Motor	1	27	95-0568	Bracket-Bulkhead	1
12	353-426	Fitting-Hydraulic 90° (Incl. Ref. #28)	4	28	237-79	O-Ring	4
13	75-9831	Hydraulic Motor-Wheel	1	29	95-0595	Hose-Hydraulic	2
14	18-7160	Pin-Cylinder	1	30	237-78	O-Ring	2
15	353-431	Fitting-Hydraulic 45° (Incl. Ref. #30)	1	31	3257-42	Key-Woodruff	2
				32	237-42	O-Ring	1



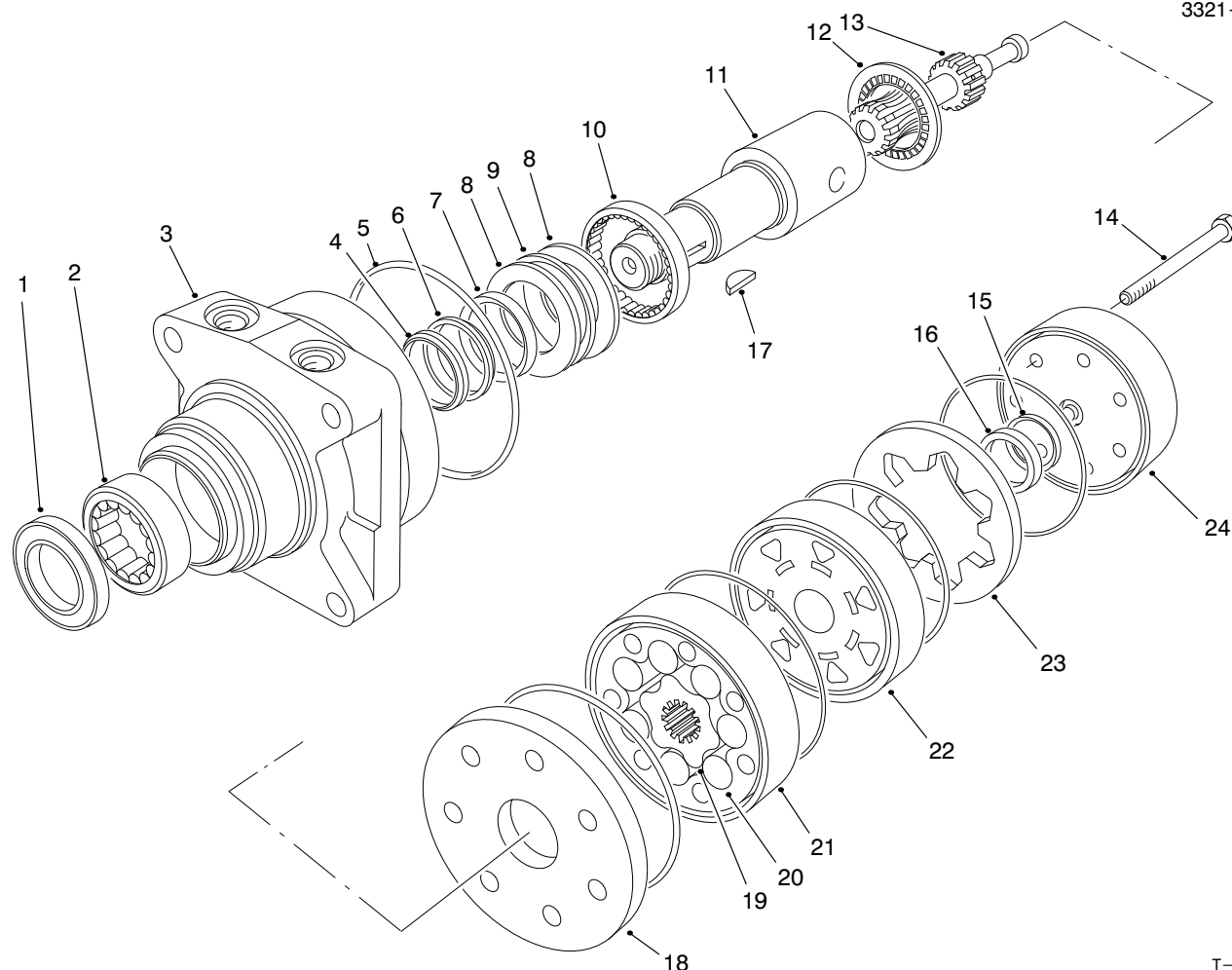
T-0982-4

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



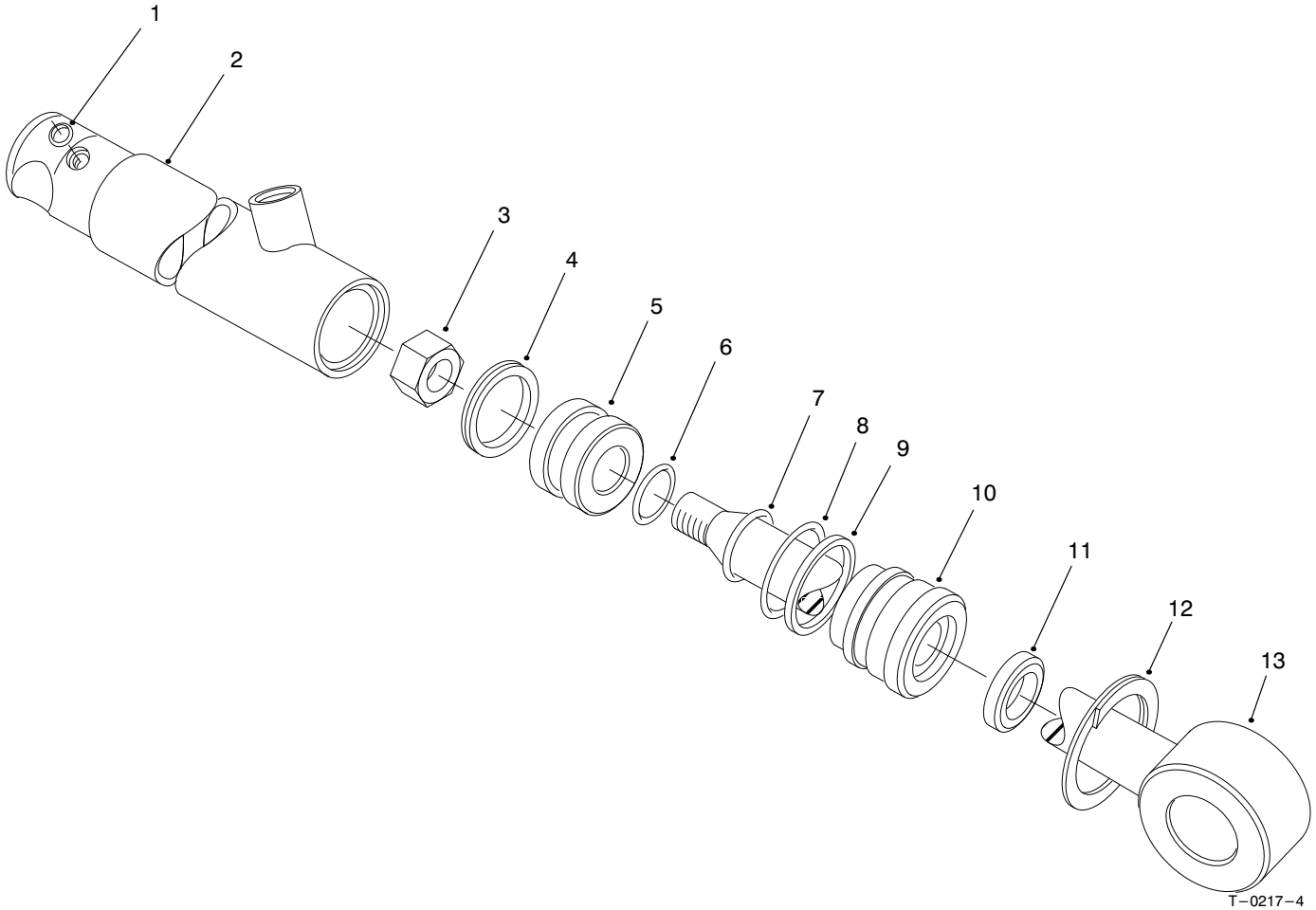
T-0983-2

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



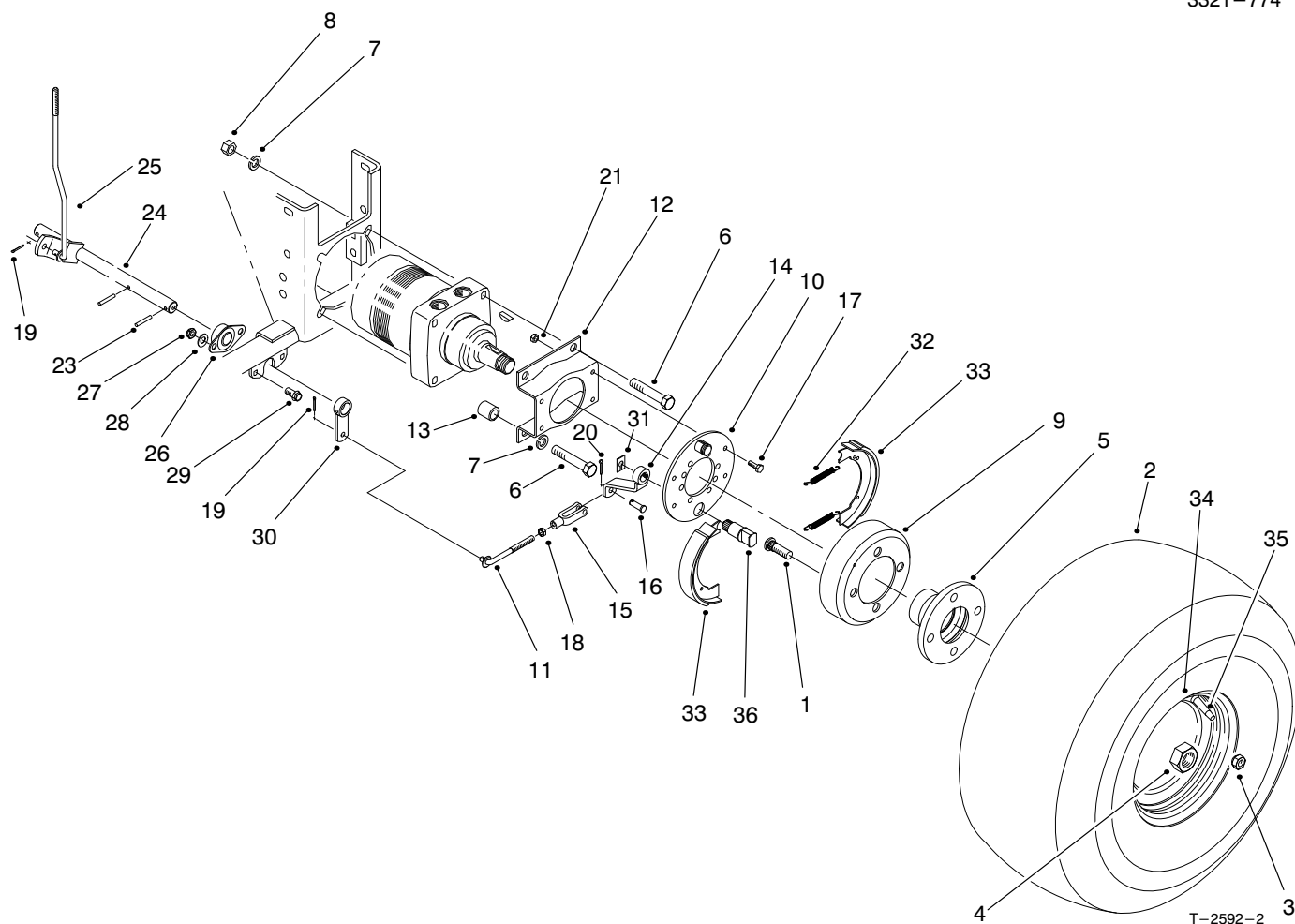
T-0217-4

HYDRAULIC 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	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

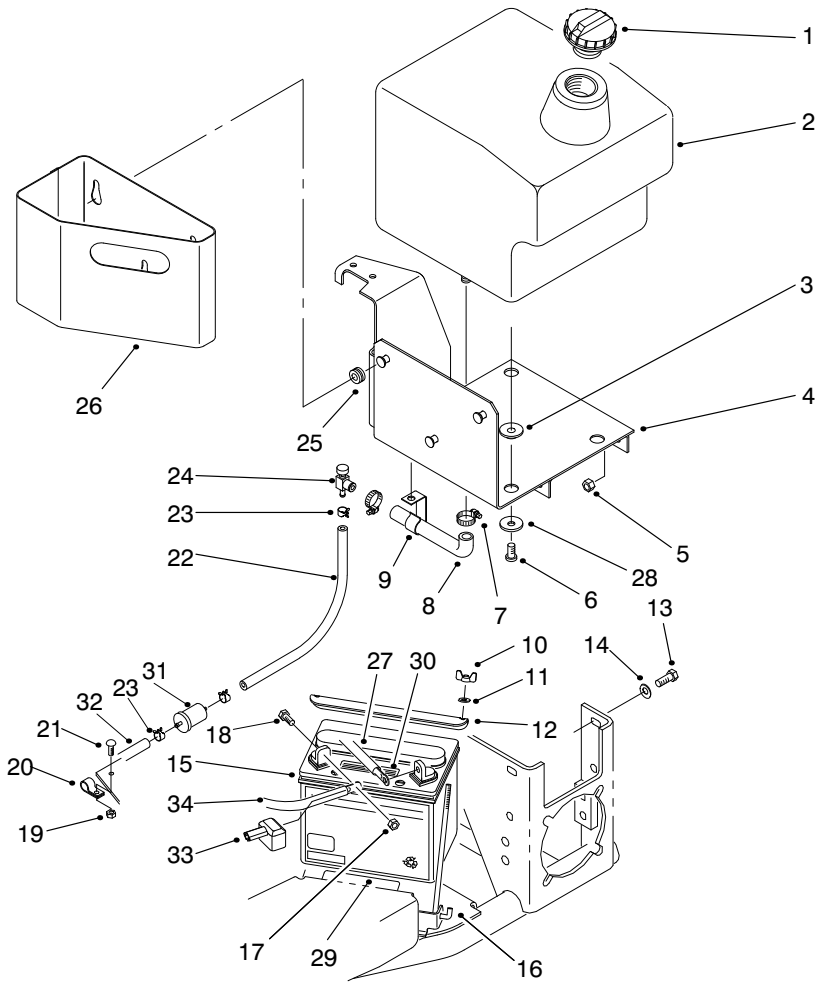
* Not Illustrated



REAR WHEEL BRAKE ASM

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	85-6540	Stud-Drive Type	8	20	3272-10	Pin-Cotter	2
2	85-8290	Tire	2	21	3296-42	Nut-Lock	8
3	242-50	Nut-Lug	8	23	32121-6	Pin-Roll	3
4	26-3790	Nut-Lock	2	24	95-0625	Rod-Traversal	1
5	93-6838	Hub-Wheel	2	25	95-0628	Rod-Brake	1
6	325-14	Screw-HH	8	26	27-2320	Bearing-Side Flange	2
7	3253-7	Washer-Lock	8	27	3296-59	Nut-Lock	4
8	3217-9	Nut-Hex.	4	28	3256-24	Washer-Flat	4
9	10-6850	Drum-Brake	2	29	3234-1	Screw-HHF	4
10	70-9870	Plate-Backing	2	30	83-9310	Arm-Brake, RH	2
11	84-1990	Rod-Adjusting	2	31	70-9850	Clip-Retaining	2
12	84-2000	Bracket-Brake	2	32	70-9880	Spring-Return	4
13	92-1715	Spacer	8	33	70-9840	Lining-Shoe	4
14	93-6850	Lever-Brake	2	34	94-6116	Rim	2
15	282-2	Clevis	2	35	232-35	Stem-Valve	2
16	283-1	Pin-Clevis	2	36	70-9860	Shaft-Cam	2
17	321-4	Screw-HH	8	*	71-1500	Asm-Brake (Incl. Ref. #10, 31-33, & 36)	2
18	3220-2	Nut-Hex. Jam	2				
19	3272-6	Pin-Cotter	3				

* Not Illustrated

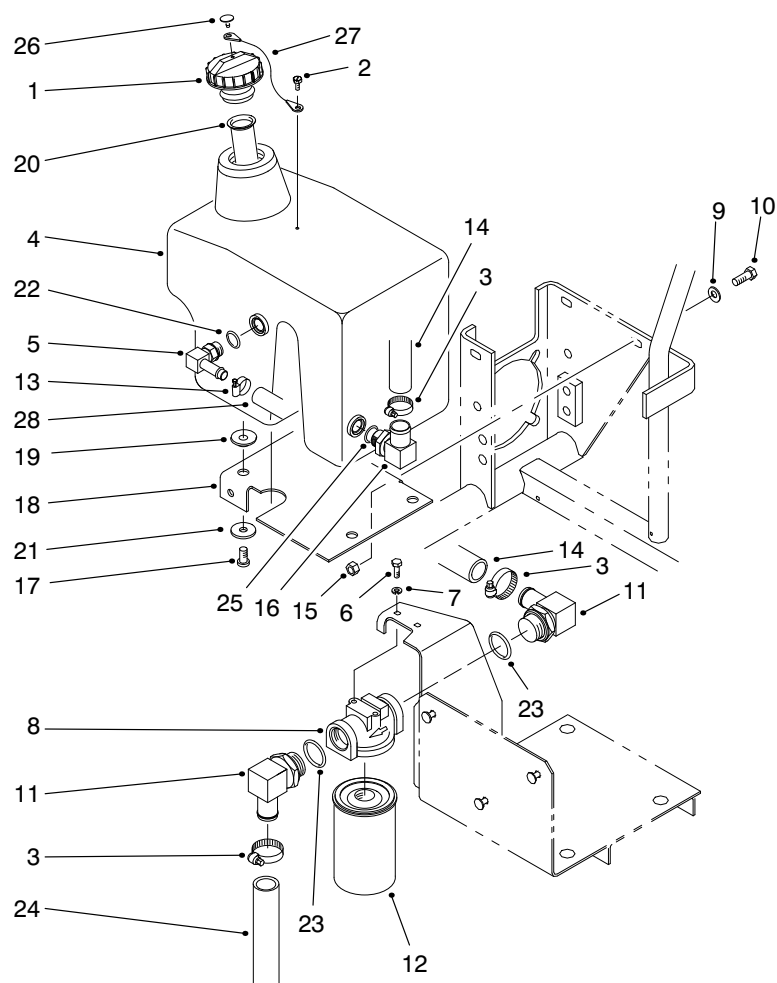


T-2587

FUEL TANK ASM

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

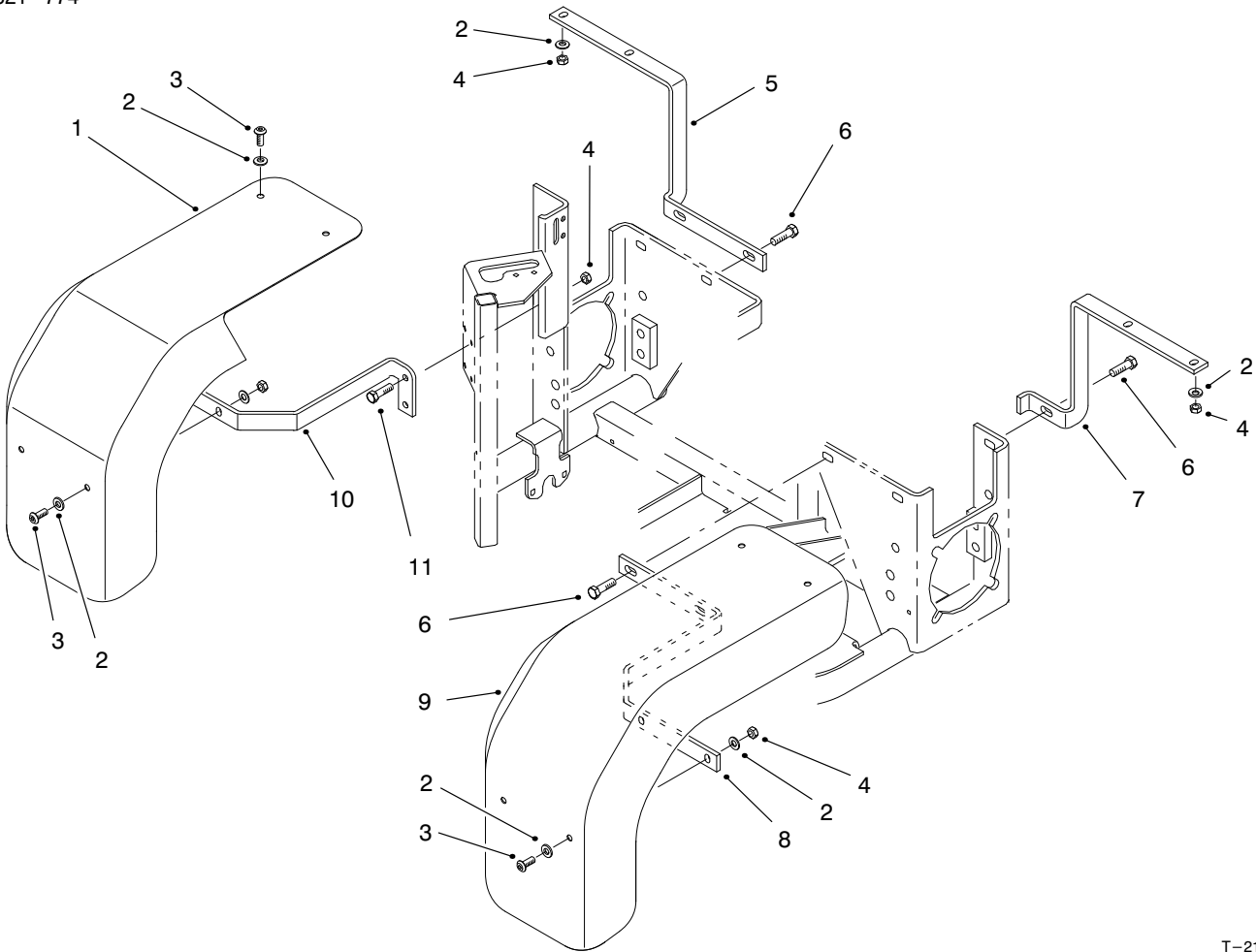
Ref. No.	Part No.	Description	No. Used
19	3296-42	Nut-Lock	1
20	2412-73	Clamp-R	1
21	3274-69	Screw-HSBH	1
22	95-0618	Hose-Fuel	1
23	2412-98	Clamp-Hose	4
24	83-1390	Fitting-Fuel Shut-Off	1
25	240-9	Grommet	3
26	86-7640	Box-Litter	1
27	86-7450	Wire-Battery-Ground	1
28	63-8410	Washer-Flat	4
29	93-6668	Decal-Battery	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 ASM

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	93-4365	Asm-Oil Cap (Incl. Ref. #26 & 27)	1	14	98-8153	Hose-Hydraulic	1
2	57-5420	Screw-Shoulder	1	15	3296-39	Nut-Lock	3
3	2412-129	Clamp-Worm	4	16	95-0629	Fitting-Hydraulic 90° (Incl. Ref. #25)	1
4	98-0968	Tank-Hydraulic	1	17	3250-36	Screw-PPH	3
5	354-120	Fitting-Hydraulic 45° (Incl. Ref. #22)	1	18	95-0590	Base-Hydraulic Tank	1
6	321-3	Screw-HH	2	19	240-11	Grommet	4
7	3253-3	Washer-Lock	2	20	92-1705	Screen-Filter	1
8	68-8990	Asm-Head, Filter	1	21	63-8410	Washer-Flat	3
9	3256-24	Washer-Flat	3	22	237-79	O-Ring	1
10	323-6	Screw-HH	3	23	237-81	O-Ring	2
11	353-987	Fitting-Hydraulic 90° (Incl. Ref. #23)	2	24	95-0555	Hose-Hydraulic	1
12	23-9740	Filter-Oil	1	25	237-117	O-Ring	1
13	2412-36	Clamp	1	26	2410-73	Retainer-Tether	1
				27	75-0540	Tether-Oil Cap	1
				28	98-8152	Hose-Hydraulic	1

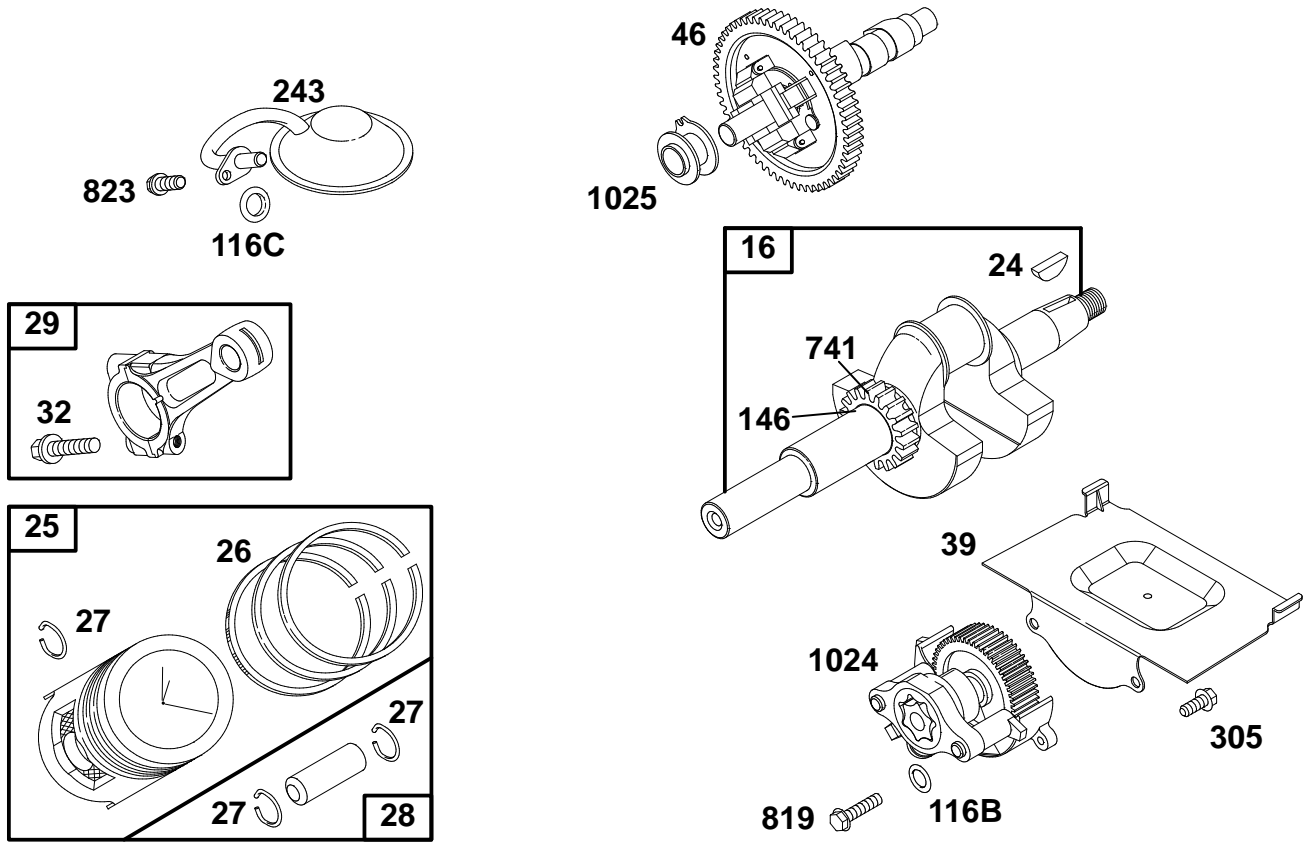


T-2172-3

FENDER ASM-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



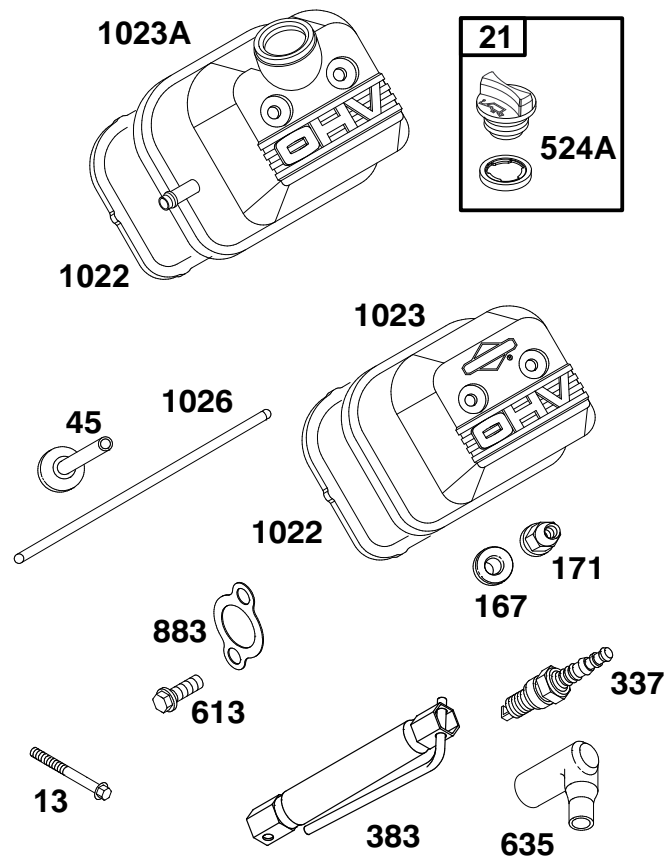
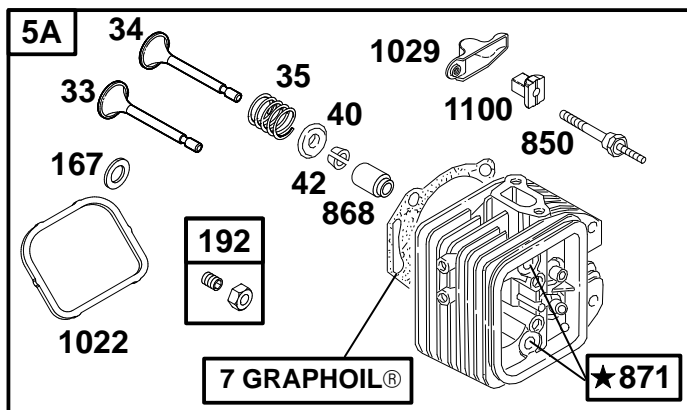
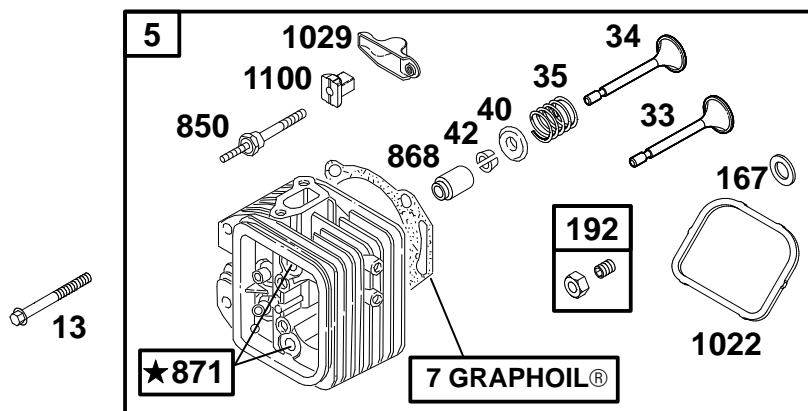
Assemblies include all parts shown in frames.

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.

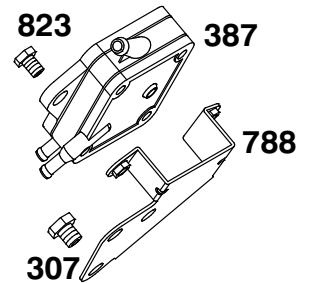
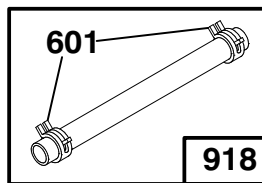
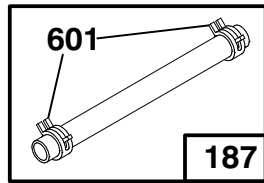
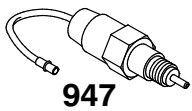
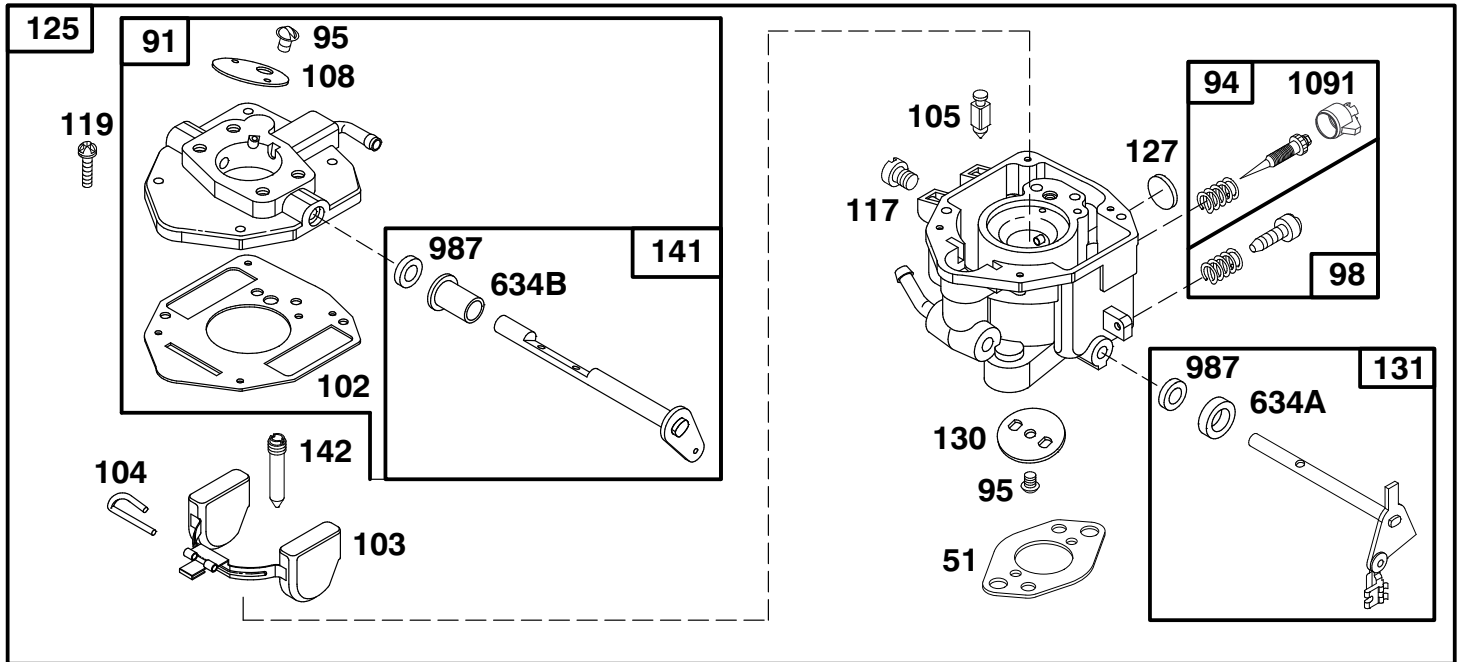
ENGINE BRIGGS & STRATTON MODEL 303447-1180-E1

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)	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. 808390.

‡Included in Valve Overhaul Kit - Part No. 808392.



Assemblies include all parts shown in frames.

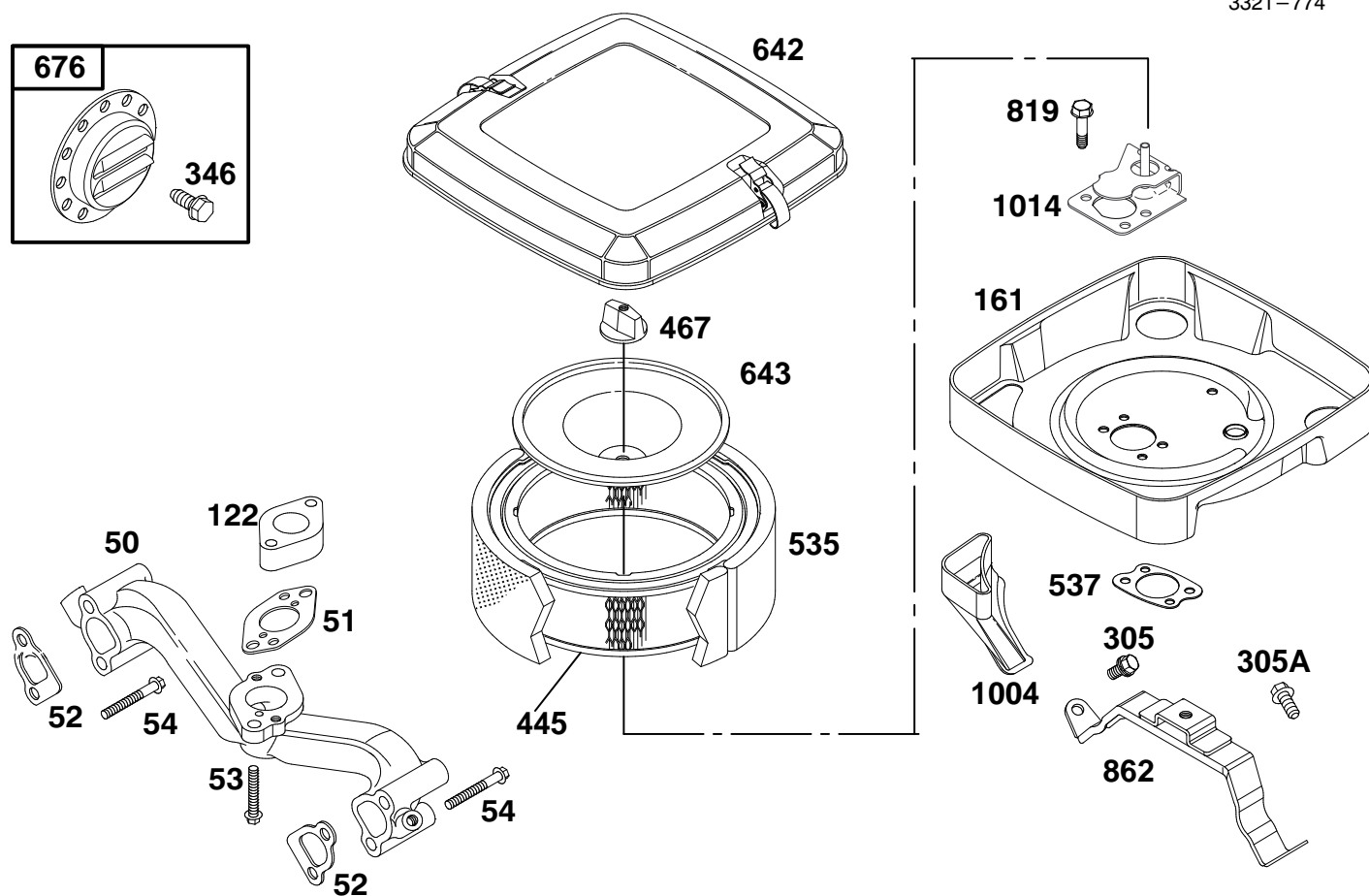
ENGINE BRIGGS & STRATTON MODEL 303447-1180-E1

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.

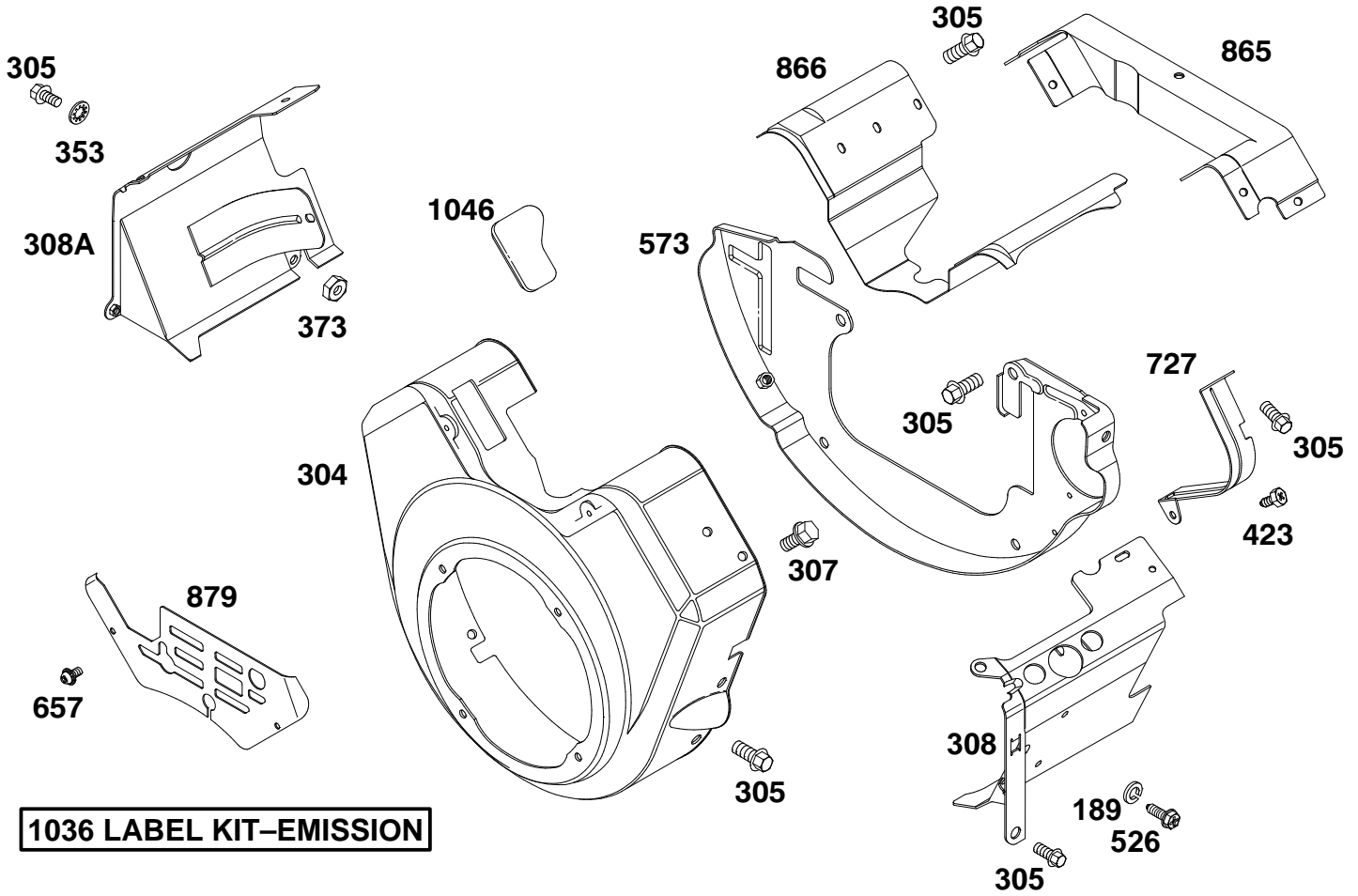


ENGINE BRIGGS & STRATTON MODEL 303447-1180-E1

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
50	805772	Manifold – Intake	1	445	394018	Filter – Air	1
*51	805700	Gasket – Carburetor Mtg.	1	467	491875	Knob – Air Cleaner	1
*‡52	805023	Gasket – Intake Manifold	1	535	272490	Filter – Air	1
53	805466	Screw – Hex.	1	*537	805655	Gasket – Air Cleaner	1
54	805006	Screw – Hex.	1	642	807862	Cover – Air Cleaner	1
122	805328	Spacer – Carburetor	1	643	805631	Plate – Air Cleaner	1
161	807857	Base – Air Cleaner	1	676	397630	Deflector – Muffler	1
305	805406	Screw – Hex. (M6 x 12 mm)	1	819	805317	Screw – Hex.	1
305A	805902	Screw – Hex. (M6 x 16 mm)	1	862	807796	Bracket – Air Cleaner	1
346	94896	Screw – Hex.	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.

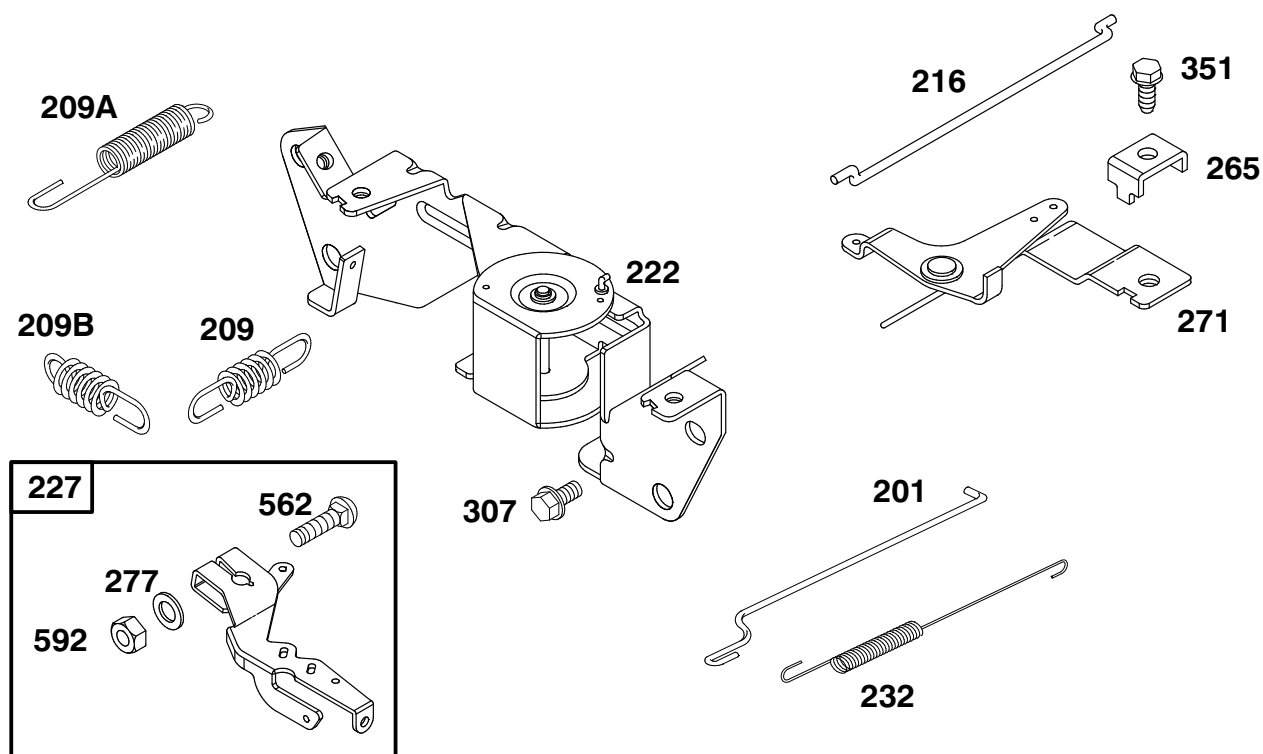


1036 LABEL KIT-EMISSION

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

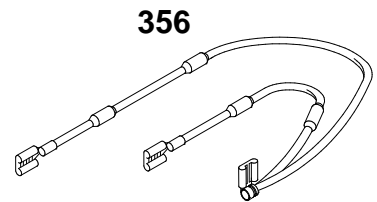
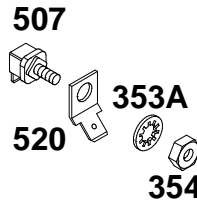
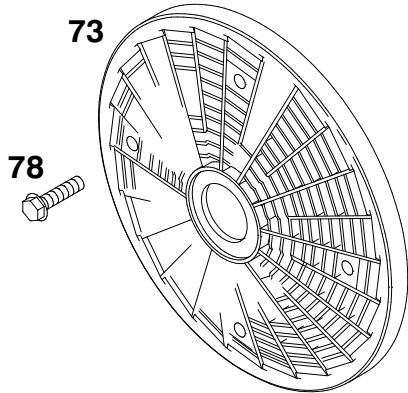
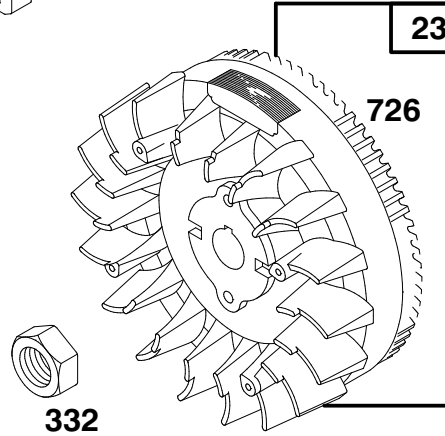
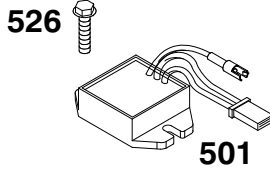
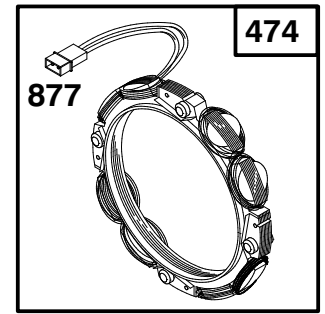
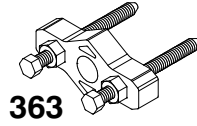
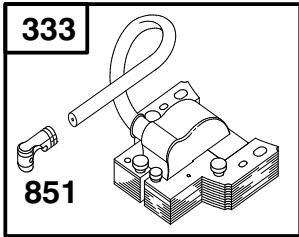
Ref. No.	Part No.	Description	No. Used
423	805260	Screw - Phillips Hex.	1
526	805448	Screw - Phillips Hex.	1
573	807663	Back Plate Assembly	1
657	805009	Screw - Phillips	1
727	805505	Shield - Starter	1
865	807661	Cover - Air Guide	1
866	805738	Valley Cover - Air Guide	1
879	805841	Cover - Carburetor	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	Ref. No.	Part No.	Description	No. Used
201	805480	Link – Governor	1	265	221535	Clamp – Casing	1
209	805463	Spring – Governor	1	271	808145	Bracket – Choke Control	1
209A	805450	Spring – Governed Idle	1	277	805018	Washer	1
209B	805453	Spring – Governor	1	307	805025	Screw – Hex.	1
216	805439	Link – Choke	1	351	805169	Screw – Hex.	1
222	808195	Bracket – Governor Control	1	562	805381	Bolt – Carriage	1
227	807528	Lever Assembly – Governor	1	592	805383	Nut – Hex.	1
232	805465	Spring – Governor Link	1				

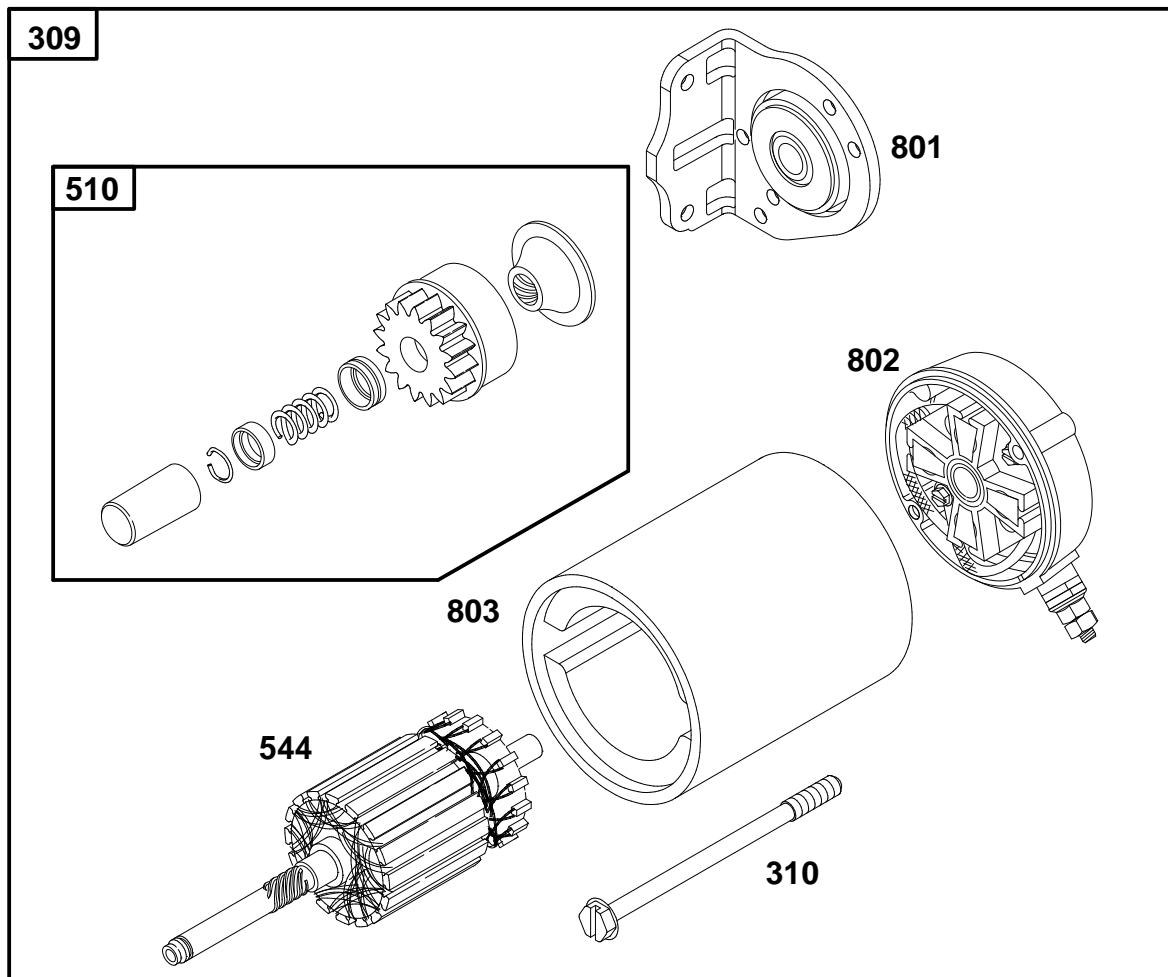


Assemblies include all parts shown in frames.

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

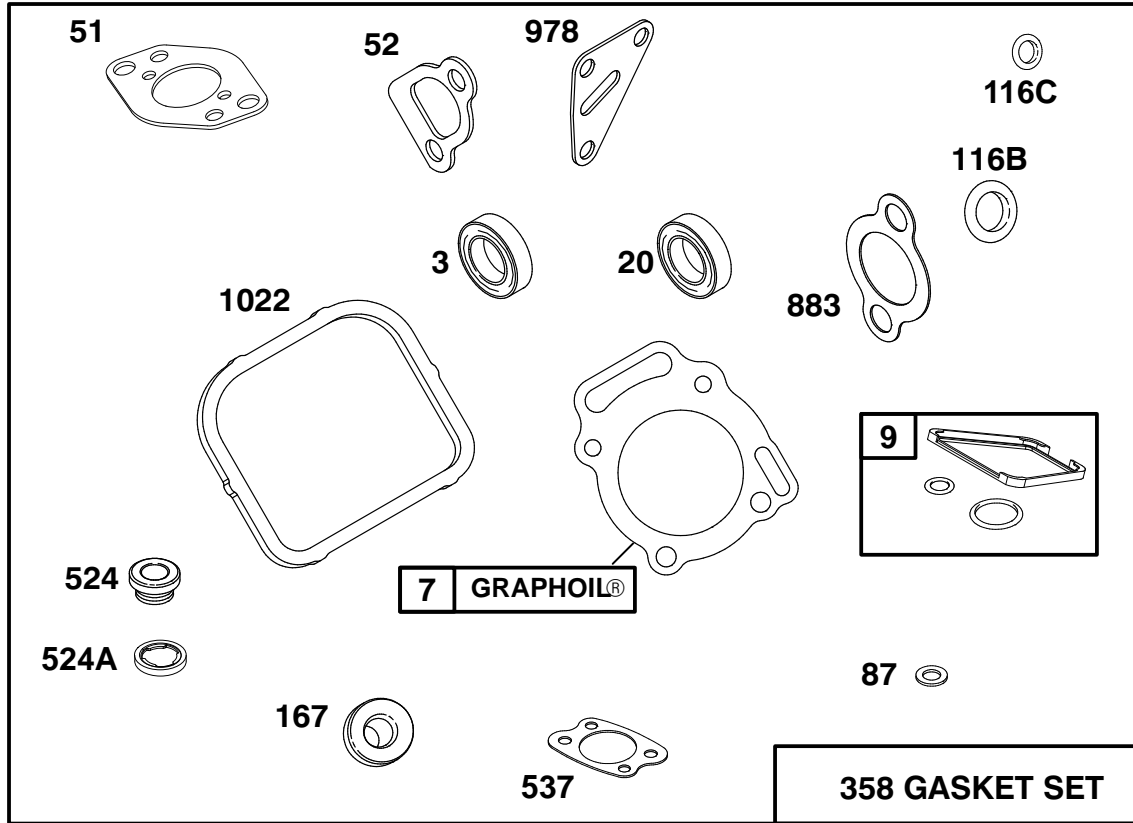
Ref. No.	Part No.	Description	No. Used
501	394890	Regulator - Alternator	1
507	398525	Insulator	1
520	93722	Terminal - Spade	1
526	805448	Screw - Hex.	1
529	805641	Grommet	1
726	808162	Gear - Flywheel Ring Includes Mounting Hardware.	1
729	280470	Clip - Wire	1
851	493880	Terminal - Ignition Cable	1
877	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	1
803	496815	Housing-Starter	1



Assemblies include all parts shown in frames.

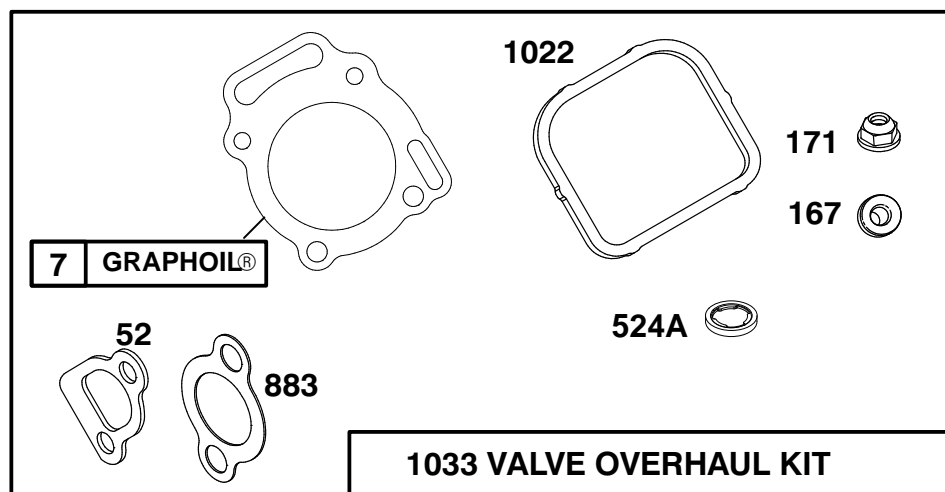
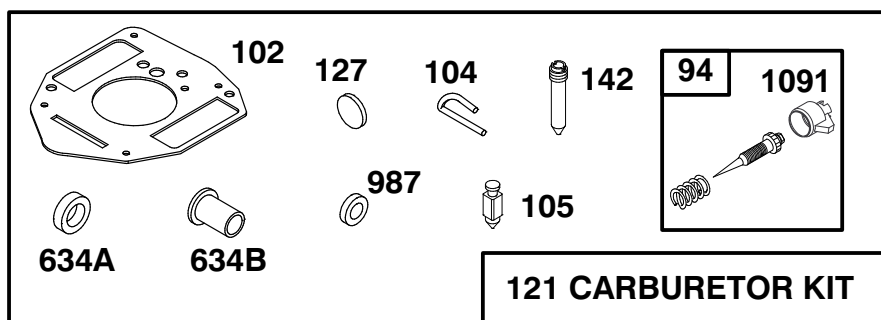
ENGINE BRIGGS & STRATTON MODEL 303447-1180-E1

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
*116B	805058	O-Ring (Oil Pump)	1
*116C	805316	O-Ring (Pick - Up Tube)	1

Ref. No.	Part No.	Description	No. Used
*‡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 Carburetor Kit – Part No. 808273.

‡Included in Valve Overhaul Kit – Part No. 808392.

TORO PART NUMBER INDEX

Part No.	Description	Pg. No.	Ref. No.	Qty.	Part No.	Description	Pg. No.	Ref. No.	Qty.
117344	Handle-Latch	1	33	2	63-8410	Washer-Flat	23	21	3
3-6498	Washer-Thrust	14	17	1	65-8770	Bushing-Flange	4	7	2
10-6830	Stud-Drive	4	18	4	66-0120	Knob-Throttle	5	5	1
10-6850	Drum-Brake	21	9	2	66-2950	Asm-Hourmeter	5	2	1
10-7070	Key-Square	9	22	1	67-8050	Bearing-Needle	10	37	1
18-6320	Washer-Steering	4	24	3	67-8060	Seal-Lip	10	36	1
18-6380	Pin-Steering Adjustment	4	21	2	68-8990	Asm-Head, Filter	23	8	1
18-6380	Pin-Steering, Adjust	14	12	1	69-8930	Washer	17	22	4
18-7160	Pin-Cylinder	17	14	1	69-8960	Spacer	17	23	2
18-7310	Pin-Cylinder, Rake	17	9	1	70-2770	Head	20	10	1
21-8640	Latch-Lever, Valve	15	20	1	70-2780	Piston	20	5	1
22-4670	Hose-Hydraulic	17	4	2	70-9840	Lining-Shoe	21	33	4
22-4670	Hose-Hydraulic	15	30	2	70-9850	Clip-Retaining	21	31	2
22-4670	Hose-Hydraulic	9	34	2	70-9860	Shaft-Cam	21	36	2
22-8330	Plug	16	1	2	70-9870	Plate-Backing	21	10	2
22-8340	Spring	16	3	2	70-9880	Spring-Return	21	32	4
22-8350	Ball	16	4	2	71-1500	Asm-Brake	21	*	2
22-8360	Pin-Cam	16	6	2	71-4411	Spacer-Coupling	9	18	4
22-8370	Seat-Check Valve	16	5	2	74-0340	Cushion-Rubber	7	10	2
22-8380	Retainer-Spring	16	10	2	74-0720	Tube-Manual	7	5	1
22-8390	Spring Retainer	16	12	1	74-9100	Pad-Pedal, Forward	13	15	1
22-8400	Spacer Float	16	13	1	74-9110	Pad-Pedal, Reverse	13	5	1
22-8410	Spring	16	11	1	75-0540	Tether-Oil Cap	23	27	1
22-8420	Spool	16	8	1	75-4705	Hose-Fuel	8	8	1
22-8480	Ring-Spool Retaining	16	14	1	75-5470	Spacer	14	22	1
22-8490	Ring-Retaining	16	15	1	75-9831	Hydraulic Motor-Wheel	17	13	1
22-8500	O-Ring	16	9	2	75-9840	Hydraulic Motor-Wheel	17	17	1
23-9740	Filter-Oil	23	12	1	76-0810	Asm-Housing	18	*	1
25-2380	Plate-Thrust	11	50	1	76-0810	Asm-Housing	19	*	1
25-2400	Gasket-Cap, End	10	14	1	76-0820	Link-Drive	18	13	1
25-2430	Pin	10	13	1	76-0820	Link-Drive	19	13	7
25-2450	Swashplate	11	48	1	76-0830	Rotor Set	18	*	1
25-2460	Plug	10	29	2	76-0830	Rotor Set	19	*	1
25-2470	Kit-Shim	10	30	2	76-0840	Manifold	18	22	1
25-2480	Spring	10	42	1	76-0840	Manifold	19	22	1
25-2490	Ball	10	4	2	76-0850	Bearing-Thrust	18	12	1
25-2500	Shaft-Trunnion	10	43	1	76-0850	Bearing-Thrust	19	12	1
25-2510	Washer	10	26	2	76-0860	Shaft-Coupling	18	11	1
25-2570	Spring	10	31	1	76-0860	Shaft-Coupling	19	11	1
25-2600	Kit-Cylinder Block	10	16	1	76-0870	Plate-Wear	18	18	1
25-2640	Spring	10	3	2	76-0870	Plate-Wear	19	18	1
25-2650	Plug	10	1	1	76-0880	Asm-Commutator	18	*	1
25-2690	Housing-Pump, Charge	10	35	1	76-0880	Asm-Commutator	19	*	1
25-3180	Kit-Valve, Check	11	*	1	76-0890	Asm-Cover, End	18	29	1
25-3210	Seal-Lip	10	25	2	76-0940	Asm-Cover, End	19	24	1
26-2950	Standoff-Wire	9	7	1	76-1020	Screw-HH	19	14	1
26-3790	Nut-Lock	21	4	2	76-1040	Screw-HH	18	14	7
27-1960	Hub-Engine	9	21	1	76-1420	Wheel-Steering	4	1	1
27-2320	Bearing-Side Flange	21	26	2	76-8640	Stud-Traction	14	18	1
28-4210	Solenoid-Starter	5	17	1	80-8650	Coupling-Rubber	9	23	2
28-8080	Boot-Terminal	22	33	1	83-0020	Asm-Ignition Switch	5	12	1
29-6163	Switch-Neutral	14	2	1	83-1390	Fitting-Fuel Shut-Off	22	24	1
38-3400	Bumper-Rubber	8	45	1	83-1770	Element-Air Cleaner	8	31	1
43-1710	Asm-Valve	15	14	1	83-2490	Boot	8	42	1
43-5220	Ring-Retaining	20	12	1	83-7000	Cylinder-Hydraulic	17	7	1
43-5230	Shaft with Clevis	20	13	1	83-7250	Kit-Seal Repair	20	*	1
43-5260	Barrel-w/Clevis & Ports	20	2	1	83-7260	Cone-Charge Relief	10	32	2
46-8400	Bearing-Roller	11	51	1	83-9310	Arm-Brake, RH	21	30	2
46-8560	Screw-HFH	1	9	6	84-1990	Rod-Adjusting	21	11	2
49-2040	Screw-HFH	14	8	3	84-2000	Bracket-Brake	21	12	2
49-8510	Kit-Relief, Charge	11	*	1	84-7940	Axle-Front	4	17	1
49-8520	Kit-Implement Relief	11	*	1	85-0290	Spacer-Support, Seat	15	17	2
49-9600	Hub-Pump	9	24	1	85-0420	Plate-Cover	8	32	1
51-0780	Slider-Seat	7	35	1	85-0430	Knob-Air Cleaner	8	36	1
51-0790	Slider-Seat, Adjustment	7	34	1	85-0440	Shield-Carburetor, Inlet	8	29	1
56-7720	Bolt-Battery	22	16	2	85-0460	Screw-Washer Face	8	37	5
57-5420	Screw-Shoulder	23	2	1	85-0470	Gasket-Carburetor	8	39	1
63-8360	Key-Ignition	5	7	2	85-0540	Screw	8	38	4
63-8410	Washer-Flat	22	28	4	85-6540	Stud-Drive Type	21	1	8

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

3321-774

Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
85-6610	Shaft-Steering Upper	4 3 1	94-1886	Bracket-Support, Fender	24 7 1
85-8290	Tire	21 2 2	94-1888	Bracket-Support, Fender	24 5 1
85-8290	Tire	4 19 1	94-2690	Filter-Fuel	22 31 1
85-8300	Lever-Pump	14 5 1	94-3652	Asm-Cover	3 4 1
85-8360	Gasket-Ring	8 20 1	94-4519	Tube-Convuluted	2 39 1
85-8370	Asm-Cover, Air Cleaner	8 19 1	94-6116	Rim	21 34 2
85-8430	Asm-Base, Air Cleaner	8 21 1	94-6116	Rim-Wheel	4 39 1
85-8460	Asm-Switch Arm	14 15 1	94-6821	Clamp-Wire	5 8 1
85-8960	Spacer	13 4 1	94-6821	R-Clamp	4 40 2
85-9030	Spring-Extension	14 13 1	94-8178	Kit-Seal	18 * 1
85-9120	Spacer	14 21 1	94-8178	Kit-Seal	19 * 1
85-9150	Plate-Switch	14 3 1	95-0550	Asm-Manifold	8 18 1
85-9180	Sprocket	4 9 1	95-0551	Tube-Exhaust	8 17 1
85-9200	Knuckle-Steering	4 33 1	95-0552	Muffler	8 1 1
85-9550	Clamp-Rubber	1 3 2	95-0553	Plate-Pump	14 10 1
85-9670	T-Nut	1 4 2	95-0555	Hose-Hydraulic	23 24 1
86-7450	Wire-Battery, Ground	8 26 1	95-0555	Hose-Suction	9 8 1
86-7450	Wire-Battery-Ground	22 27 1	95-0556	Base-Engine	8 15 1
86-7450	Wire-Ground, Battery	6 4 1	95-0557	Bracket-Muffler	8 7 1
86-7570	Asm-Wire	8 27 1	95-0559	Tube-Rear, RH Rear Motor	17 2 1
86-7570	Wire-Battery-Solenoid	22 34 1	95-0560	Tube-Front, LH Rear Motor	17 10 1
86-7610	Plate-Seat	7 33 1	95-0564	Tube-Front, RH Rear Motor	17 1 1
86-7640	Box-Litter	22 26 1	95-0567	Tube-Rear, LH Rear Motor	17 11 1
88-8170	Asm-Housing, Variable	10 45 1	95-0568	Bracket-Bulkhead	17 27 1
88-8180	Shaft-Trunnion	10 27 1	95-0571	Fork-Offset	4 10 1
88-8190	Bearing-Journal	10 24 1	95-0574	Harness-Wire	6 1 1
88-8210	Plug	10 33 2	95-0574	Harness-Wire	5 34 1
88-8230	Seal-Lip	11 53 1	95-0574	Harness-Wire	9 35 1
88-8480	Bracket-Pivot	15 9 1	95-0574	Harness-Wire	8 43 1
88-8640	Knob-Air Cleaner	8 35 3	95-0574	Wire Harness	2 40 1
92-1678	Battery	22 15 1	95-0575	Tube-Shuttle Valve	17 18 1
92-1705	Screen-Filter	23 20 1	95-0575	Tube-Valve, Shuttle	15 33 1
92-1715	Spacer	21 13 8	95-0576	Base-Fuel Tank	22 4 1
92-2343	Pedal	13 6 1	95-0577	Fitting-Bulkhead, Tee	17 26 2
92-2344	Stud-Adjuster, Trunnion	13 11 1	95-0582	Hose-Air	8 33 1
92-5018	Clamp-Battery	22 12 1	95-0582	Hose-Air	1 22 1
92-5035	Asm-Steering Shaft	4 5 1	95-0584	Rod-Pump, Control	13 10 1
92-5039	Chain	4 23 1	95-0586	Asm-Clamp, Muffler	8 4 2
92-7152	Hose-Fuel	22 8 1	95-0587	Asm-Hydraulic Pump	9 9 1
92-7158	Tread-Floor, RH	1 25 1	95-0590	Base-Hydraulic Tank	23 18 1
92-7159	Tread-Floor, LH	1 13 1	95-0591	Hose-Hydraulic	9 14 1
92-7160	Clip-Fuel Hose	22 9 1	95-0591	Hose-Hydraulic	2 43 1
92-7186	Tank-Fuel	22 2 1	95-0592	Hose-Hydraulic	9 11 1
92-8776	Plug	10 5 2	95-0592	Hose-Hydraulic	15 32 1
92-8777	O-Ring	10 6 2	95-0594	Cap-Fitting	17 8 2
92-8972	Clamp-Seat	7 8 2	95-0595	Asm-Hydraulic Hose	9 5 2
92-8973	Angle	7 12 2	95-0595	Hose-Hydraulic	17 29 2
92-8976	Seat	7 1 1	95-0597	Asm-Choke Control	5 6 1
92-8981	Lever-Lift	15 6 1	95-0598	Control-Throttle	5 15 1
92-8983	Pivot	15 18 1	95-0599	Asm-Wire	22 * 1
92-8985	Decal-Operating	1 7 1	95-0599	Asm-Wire	6 2 1
92-8996	Screen	8 6 1	95-0599	Asm-Wire	5 19 1
92-8997	Cooler-Oil	1 2 1	95-0599	Asm-Wire	2 42 1
93-2195	Element-Air Cleaner	3 3 1	95-0600	Asm-Frame	4 29 1
93-4365	Asm-Oil Cap	23 1 1	95-0601	Shroud-Lift Valve	15 2 1
93-6668	Decal-Battery	22 29 1	95-0606	Decal-SandPro 2020	1 27 2
93-6838	Hub-Wheel	21 5 2	95-0610	Asm-Cover	1 8 1
93-6850	Lever-Brake	21 14 2	95-0611	Bracket-RH	2 34 1
93-7170	Cap-Fuel	22 1 1	95-0612	Bracket-LH	2 35 1
93-7251	Decal-Service (Europe)	7 9 1	95-0618	Hose-Fuel	22 22 1
93-7252	Decal-CE Mark	1 28 1	95-0619	Hose-Gas Line	22 32 1
93-7276	Decal-Danger	22 30 1	95-0619	Hose-Gas Line	8 12 1
93-9051	Decal-Eccentric Bolt	14 9 1	95-0620	Strip-Retainer	1 19 1
93-9052	Decal-Shields Missing	5 35 1	95-0625	Rod-Traverse	21 24 1
94-1392	Pad-Rubber	1 32 2	95-0628	Rod-Brake	21 25 1
94-1414	Valve-Vacuator	3 5 1	95-0628	Rod-Brake	15 35 1
94-1883	Fender-Rear, LH	24 9 1	95-0629	Fitting-Hose, Push On	9 10 1
94-1884	Fender-Rear, RH	24 1 1	95-0629	Fitting-Hydraulic 90°	23 16 1
94-1885	Bracket-Support, Fender	24 8 1	95-0631	Mount-Pump	9 25 1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.	Part No.	Description	Pg. No.	Ref. No.	Qty.
95-0632	Asm-Cover	9	2	1	240-11	Grommet	23	19	4
95-0636	Lever-Brake	15	21	1	242-50	Nut-Lug	21	3	8
95-0637	Plate-Seat	7	11	1	242-50	Nut-Lug	4	13	4
95-0642	Locknut-Bulkhead	17	25	2	249-40	Keeper	2	36	2
95-0643	Tube-Hydraulic	15	34	1	2410-73	Retainer-Tether	23	26	1
95-0643	Tube-Valve to Cooler	1	6	1	2412-36	Clamp	23	13	1
95-0645	Plate-Hot Surface	8	25	1	2412-36	Clamp	9	36	1
95-0646	Decal-Service	7	9	1	2412-36	Clamp-Hose	22	7	2
95-0647	Decal-Lift	15	1	1	2412-73	Clamp-R	22	20	1
95-0648	Decal-Dash	5	9	1	2412-73	R-Clamp	8	14	1
95-5805	Asm-Air Cleaner	1	23	1	2412-92	Clamp-Hose	1	21	2
95-5806	Asm-Band, Mounting	1	24	1	2412-92	Clamp-Hose	8	34	1
95-5807	Spacer	1	16	2	2412-98	Clamp-Hose	22	23	4
95-5808	Cap-End	10	7	1	2412-98	Clamp-Hose	8	28	1
95-5809	Ball Bearing	10	20	1	2412-129	Clamp-Hose	9	30	1
95-5810	Shaft	11	47	1	2412-129	Clamp-Worm	23	3	4
95-5811	Plate-Valve	10	15	1	2412-133	Clamp-R	7	3	2
95-5812	Asm-Gerotor	10	39	1	251-165	Asm-Bearing	4	16	2
95-5813	Ring-Retaining	10	21	1	251-166	Flange-Bearing	4	15	4
95-5814	Valve-Acceleration	10	9	2	251-307	Bearing	14	20	2
95-5815	Spring-Valve, Acceleration	10	8	1	252-82	Bearing-Needle	10	44	1
95-5816	Plug	10	11	2	254-61	Cup-Bearing	4	28	2
95-5817	Shield-Front	1	26	1	254-70	Cone-Bearing	4	25	2
95-5825	Asm-Wire	5	18	1	256-113	Bushing-Flange	14	14	2
95-5825	Asm-Wire	2	41	1	256-185	Bushing-Sleeve	4	4	1
95-5825	Wire	6	3	1	256-219	Bushing-Flange	13	3	2
95-5826	Shield-Rubber	1	20	1	2710-11	Link-Connecting	4	22	2
95-5827	Shield-Muffler	8	22	1	2710-20	Link-Offset	15	8	1
95-5828	Strip-Wear	2	38	2	282-2	Clevis	21	15	2
95-5833	Guide-Lever, Lift	15	36	1	282-2	Clevis	15	22	1
95-5840	Shield-Seat Base	7	28	1	283-1	Pin-Clevis	21	16	2
95-7860	Decal-Infield Pro 2020	2	*	2	283-14	Pin-Clevis	15	24	1
98-0928	Shaft-Steering, Lower	4	34	1	285-17	Plug	3	1	1
98-0940	Asm-Engine	8	16	1	285-17	Plug-Pipe	10	23	2
98-0968	Tank-Hydraulic	23	4	1	302-2	Fitting-Grease	4	43	1
98-0973	Pin-Spiral	4	8	1	302-33	Fitting-Grease 90°	4	42	1
98-8152	Hose-Hydraulic	23	28	1	302-60	Fitting-Grease	14	16	1
98-8153	Asm-Hydraulic Hose	9	4	1	321-3	Screw-HH	23	6	2
98-8153	Hose-Hydraulic	23	14	1	321-4	Screw-HH	7	31	3
98-8161	Bracket-Support, Fender	24	10	1	321-4	Screw-HH	21	17	8
99-1644	Hood	1	1	1	321-23	Screw-HH	15	15	4
99-1646	Panel-Dash	5	11	1	322-2	Screw-HH	1	18	2
218-461	Nut-Hex.	5	26	1	322-3	Screw-HH	22	18	2
232-35	Stem-Valve	4	38	1	322-4	Screw-HH	10	38	4
232-35	Stem-Valve	21	35	2	322-4	Screw-HH	24	11	2
233-21	Knob	15	5	1	322-5	Screw-HH	4	6	4
237-30	O-Ring	10	12	2	322-5	Screw-HH	1	15	4
237-42	O-Ring	16	2	2	322-6	Screw-HH	7	2	4
237-42	O-Ring	15	31	2	322-6	Screw-HH	8	2	3
237-42	O-Ring	17	32	1	322-8	Screw-HH	14	19	1
237-42	O-Ring	9	32	2	322-8	Screw-HH	15	28	2
237-78	O-Ring	20	1	2	322-10	Screw-HH	8	13	4
237-78	O-Ring	18	25	2	322-14	Screw-HH	13	1	1
237-78	O-Ring	15	29	2	322-14	Screw-HH	1	11	2
237-78	O-Ring	17	30	2	322-17	Screw-HH	9	19	4
237-79	O-Ring	10	10	3	323-6	Screw-HH	23	10	3
237-79	O-Ring	23	22	1	323-6	Screw-HH	22	13	3
237-79	O-Ring	17	28	4	323-6	Screw-HH	9	15	6
237-79	O-Ring	1	29	2	323-7	Screw-HH	24	6	6
237-79	O-Ring	9	29	3	323-10	Screw-HH	14	4	1
237-80	O-Ring	9	31	1	323-45	Screw-HH	11	55	4
237-80	O-Ring	10	34	2	325-5	Screw-HH	17	20	4
237-81	O-Ring	23	23	2	325-7	Screw-HH	9	6	2
237-86	O-Ring	10	2	4	325-14	Screw-HH	21	6	8
237-95	O-Ring	10	40	1	3217-7	Nut-Hex.	4	12	4
237-117	O-Ring	23	25	1	3217-9	Nut-Hex.	21	8	4
240-5	Grommet-Rubber	17	24	2	3217-9	Nut-Hex.	9	27	2
240-9	Grommet	22	25	3	3217-25	Nut-Hex.	5	33	2
240-11	Grommet	22	3	4	3218-5	Nut-Jam	13	12	2

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

3321-774

Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
3218-13	Nut-Jam	5 22 2	3290-378	Tie-Cable	8 44 1
3219-3	Nut-Hex.	5 14 1	3290-378	Tie-Wire	2 37 3
3219-14	Nut-Hex.	5 24 4	3290-477	Washer-Wave	15 37 1
3220-2	Nut-Hex.	15 23 1	3295-26	Rivet-Semi Tubular	1 31 2
3220-2	Nut-Hex. Jam	21 18 2	3296-2	Nut-Lock	15 10 2
3231-2	Bolt-Carriage	4 14 4	3296-4	Nut-Lock	14 11 1
3234-1	Screw-HHF	21 29 4	3296-4	Nut-Lock	4 20 2
3234-4	Screw-HH	15 3 2	3296-9	Nut-Lock	14 1 2
3234-14	Screw-HH	7 7 4	3296-12	Nut-Lock	5 16 2
3234-33	Screw-HFH	1 14 3	3296-29	Nut-Lock	8 5 7
3234-33	Screw-HH	5 1 4	3296-29	Nut-Lock	24 4 10
3241-5	Screw-Set, Square Hd.	9 20 4	3296-29	Nut-Lock	7 6 12
3250-36	Screw-PPH	22 6 4	3296-29	Nut-Lock	13 7 1
3250-36	Screw-PPH	23 17 3	3296-29	Nut-Lock	14 7 2
3253-3	Washer-Lock	23 7 2	3296-29	Nut-Lock	1 12 6
3253-4	Washer-Lock	5 23 2	3296-29	Nut-Lock	9 16 4
3253-5	Washer-Lock	9 3 6	3296-29	Nut-Lock	22 17 2
3253-7	Washer-Lock	21 7 8	3296-29	Nut-Lock	15 27 2
3253-7	Washer-Lock	9 28 2	3296-29	Nut-Lock	4 35 4
3253-17	Washer-Lock	5 25 2	3296-39	Nut-Lock	22 5 3
3253-21	Washer-Lock	4 11 4	3296-39	Nut-Lock	13 14 1
3254-5	Washer-Lock ITLW	5 27 1	3296-39	Nut-Lock	23 15 3
3254-6	Washer-Lock ITLW	5 13 1	3296-39	Nut-Lock	14 23 1
3255-7	Washer-Lock, Int. Tooth	8 24 3	3296-42	Nut-Lock	15 11 4
3255-8	Washer-Lock, Ext. Tooth	8 11 1	3296-42	Nut-Lock	22 19 1
3255-20	Washer-Lock ITLW	5 32 2	3296-42	Nut-Lock	21 21 8
3256-1	Washer-Flat	8 10 4	3296-42	Nut-Lock	7 30 3
3256-3	Washer-Flat	7 4 4	3296-59	Nut-Lock	21 27 4
3256-22	Washer-Flat	22 11 2	32103-12	Nut-Wing	22 10 2
3256-23	Washer-Flat	13 2 1	32104-42	Screw-Self Tapping	5 20 2
3256-23	Washer-Flat	8 3 6	32104-76	Screw-Self Tapping	15 16 1
3256-23	Washer-Flat	1 10 4	32105-2	Screw-HH	5 4 2
3256-23	Washer-Flat	9 17 4	32105-21	Screw-Machine	14 6 2
3256-23	Washer-Flat	15 26 1	32120-11	Ring-Retaining	10 46 1
3256-23	Washer-Flat	4 41 2	32121-6	Pin-Roll	21 23 3
3256-24	Washer-Flat	23 9 3	32121-15	Pin-Spiral	4 32 2
3256-24	Washer-Flat	13 13 2	32121-73	Pin-Spring	15 19 1
3256-24	Washer-Flat	22 14 3	32121-91	Pin-Spring	11 49 4
3256-24	Washer-Flat	21 28 4	32121-111	Pin-Spiral	4 2 1
3256-25	Washer-Flat	13 9 1	32136-9	Nut-Slotted	4 31 1
3256-26	Washer-Flat	17 21 4	32144-11	Screw-HFH	5 3 2
3256-70	Washer-Flat	24 2 16	32144-14	Screw-HWHTF	17 3 2
3256-82	Washer-Flat	1 17 2	32151-46	Ring-Retaining	10 28 2
3257-32	Key-Woodruff	10 19 2	32152-10	Nut	20 3 1
3257-32	Key-Woodruff	9 26 1	33113-008	Screw	8 41 4
3257-42	Key-Woodruff	18 17 1	33113-012	Screw-HH	8 23 3
3257-42	Key-Woodruff	19 17 1	353-212	Fitting-Hydraulic 45°	15 13 1
3257-42	Key-Woodruff	17 31 2	353-212	Fitting-Hydraulic 45°	17 16 1
3269-8	Rivet-Pop	1 30 10	353-371	Fitting-Hydraulic 90°	1 5 2
3269-32	Rivet-Pop	8 9 2	353-374	Fitting-Hydraulic 90°	9 13 1
3272-6	Pin-Cotter	21 19 3	353-426	Fitting-Hydraulic 90°	17 12 4
3272-6	Pin-Cotter	15 25 1	353-431	Fitting-Hydraulic 45°	17 15 1
3272-10	Pin-Cotter	21 20 2	353-511	Fitting-Hydraulic 90°	15 4 1
3272-16	Pin-Cotter	13 8 1	353-511	Fitting-Hydraulic 90°	9 12 1
3272-23	Pin-Cotter	17 6 4	353-877	Fitting-Swivel Run Tee	15 12 1
3272-37	Pin-Cotter	4 30 1	353-987	Fitting-Hydraulic 90°	23 11 2
3274-12	Screw-HSH	7 36 4	353-988	Plug	10 22 1
3274-55	Screw-HSBH	24 3 8	353-990	Plug	18 24 2
3274-69	Screw-HSBH	22 21 1	354-120	Fitting-Hydraulic 45°	23 5 1
3290-360	Screw-HH	15 7 2	354-126	Fitting-Barb	9 37 1
3290-378	Tie-Cable	9 33 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.

TABLE OF CONTENTS

Description	Page	Description	Page
Shrouding & Oil Cooler Asm	1-2	Rear Wheel Drive Asm	17
Air Cleaner Asm No. 95-5805	3	Hydraulic Drive Motor Right Rear	
Front Wheel & Steering Asm	4	Right Rear No. 75-9840	18
Dash Panel Asm	5	Hydraulic Drive Motor Left Rear	
Electrical Schematic	6	Left Rear No. 75-9831	19
Seat Asm	7	Hydraulic Cylinder Asm No. 83-7000	20
Engine Installation Asm	8	Rear Wheel Brake Asm	21
Hydraulic Pump Installation Asm	9	Fuel Tank Asm	22
Hydraulic Pump Asm No. 95-0587	10-11	Hydraulic Oil Reservoir & Filter Asm	23
Hydraulic Schematic	12	Fender Asm - Europe	24
Traction Pedal Asm	13	Engine - Briggs & Stratton	
Pump Control Lever Asm	14	Model 303447-1180-E1	25-35
Lift Valve Installation Asm	15	TORO Part Number Index	36-39
Hydraulic Lift Valve Asm No. 43-1710	16		