Form No. 3354-684 Rev C

TORO®

Count on it.

Parts Catalog

Sand Pro® 2020

Model No. 08884—Serial No. 260000001 and Up

Ordering Replacement Parts

To order replacement parts, please supply the part number, the quantity, and the description of each part desired.

Understanding Reference Numbers

Each identified part in an illustration has a reference number. The reference number for a part also appears in the parts list, along with other information about the part.

This catalog uses two special reference number formats, one to indicate parts in a service assembly and another to indicate the quantity of a given part in an illustration.

Service Assembly Reference Numbers

Parts in service assemblies have reference numbers in the form a:b. The a represents the reference number of the entire service assembly and the b represents a sequential number unique to each part within the service assembly.

For example, a wheel assembly might be identified by reference number 6, the tire by 6:1, the valve by 6:2, and the wheel by 6:3. When you order the assembly identified by reference number 6, you receive all parts identified by reference numbers 6:1,6:2, and 6:3. However, you may also order any part individually. Reference numbers of this type appear in illustration and in parts lists.

Reference Numbers Indicating Quantity

In an illustration, if a reference number indicates more than one part, the reference number has the form nX y. The n represents the quantity of the part, the X is the multiplication symbol, and the y represents the reference number.

For example, in an illustration, the reference number 2X 37 means that two of the parts identified by reference number 37 are indicated.

List of Abbreviations

AR: as required

ASM: assembly

BBC: blade brake control

BHTF: button head thread forming

CARR: carriage

CCW: counter clockwise

CW: clockwise

DEG: degrees

DPA: Dual Point Adjustment

ECM: electronic control module

EXT: external

FH: flat head

GA: gauge

HD: heavy-duty

HF: hex flange

HH: hex head

HHF: hex head flange

HHFTF: hex head flange thread forming

HJ: hex jam

HLH: hex lag head

HOC: height-of-cut

HSBH: hex socket button head

HSFH: hex socket flat head

HSH: hex socket head

HWH: hex washer head

HWHTF: hex washer head thread forming

HYD: hydraulic

LH: left hand

LP: Liquid Propane

NI: nylon insert

NPTF: national pipe thread fine

PFH: phillips flat head

PPH: phillips pan head

PPHTF: phillips pan head thread forming

PRH: phillips round head

PTH: phillips truss head

PTO: power-take-off

RH: right hand

ROPS: roll-over protection system

RRB: rear roller brush

SFH: slotted fillister head

SHH: slotted hex head

SHWH: slotted hex washer head

SPH: slotted pan head

SQH: square head

SRH: slotted round head

STD: standard

TAP: self tapping

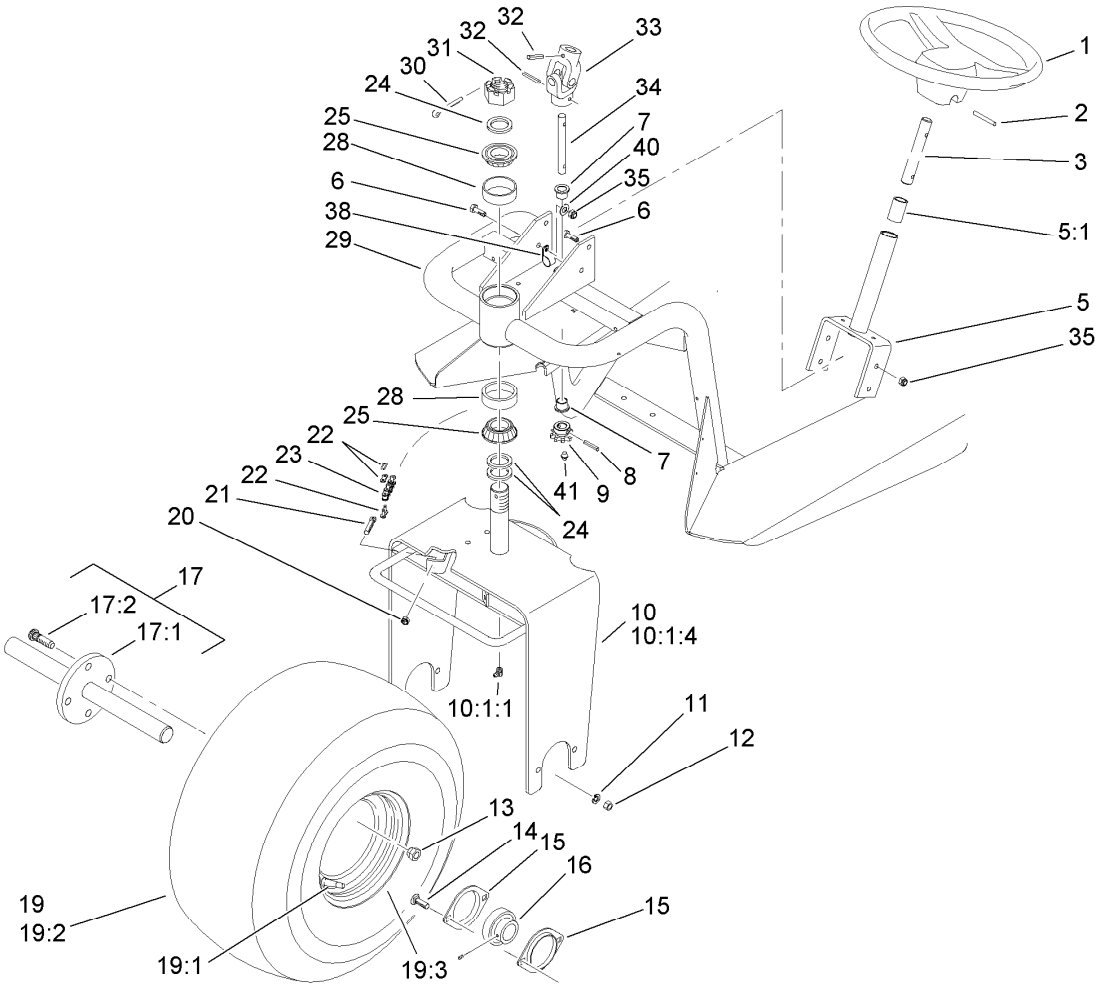
TTH: torx truss head

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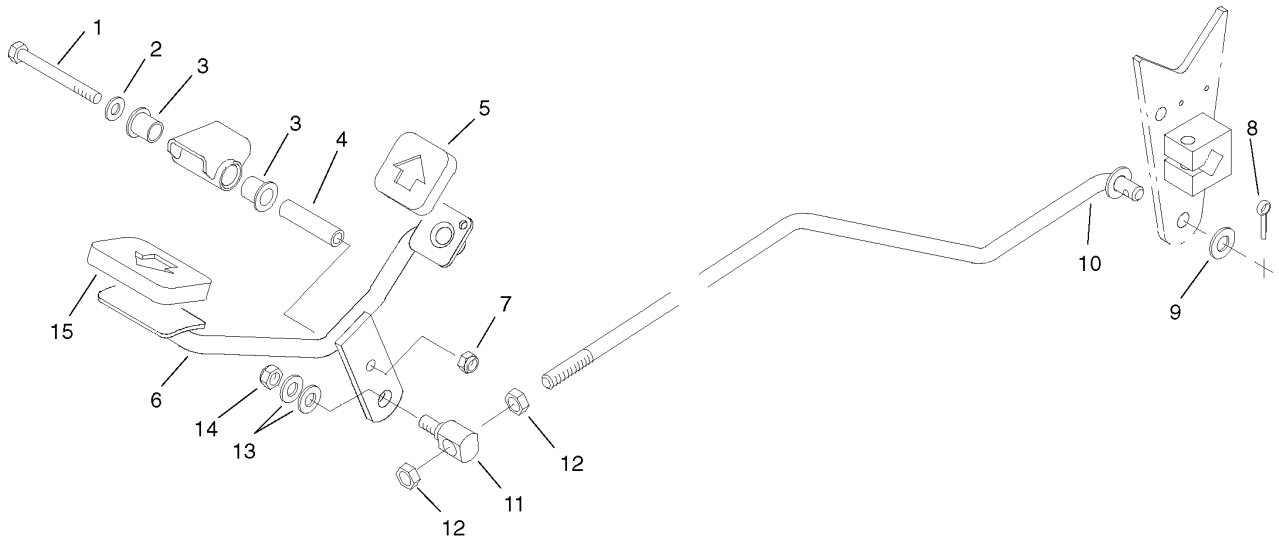


Front Wheel and Steering Assembly

Ref.	Part Number	Qty.	Description
1	76-1420	1	Wheel-Steering
2	32121-111	1	Pin-Roll
3	85-6610	1	Shaft-Steering
5	92-5035	1	Steering Post ASM
5:1	256-185	1	Bushing
6	322-5	4	Screw-HH
7	65-8770	2	Bushing-Bellcrank
8	98-0973	1	Pin-Grooved
9	85-9180	1	Sprocket-Steering
10		1	Fork ASM ●
10:1:1	302-33	1	Fitting-Grease
10:1:4	95-0571-01	1	Fork-Offset
11	3253-21	4	Washer-Lock
12	3217-7	4	Nut-Hex
13	242-50	4	Nut-Lug
14	3231-2	4	Screw-CARR
15	251-166	4	Bearing-Flange
16	251-165	2	Bearing-Ball
17		1	Front Axle ASM ●
17:1	84-7940	1	Shaft-Axle
17:2	10-6830	4	Stud-Type, Drive

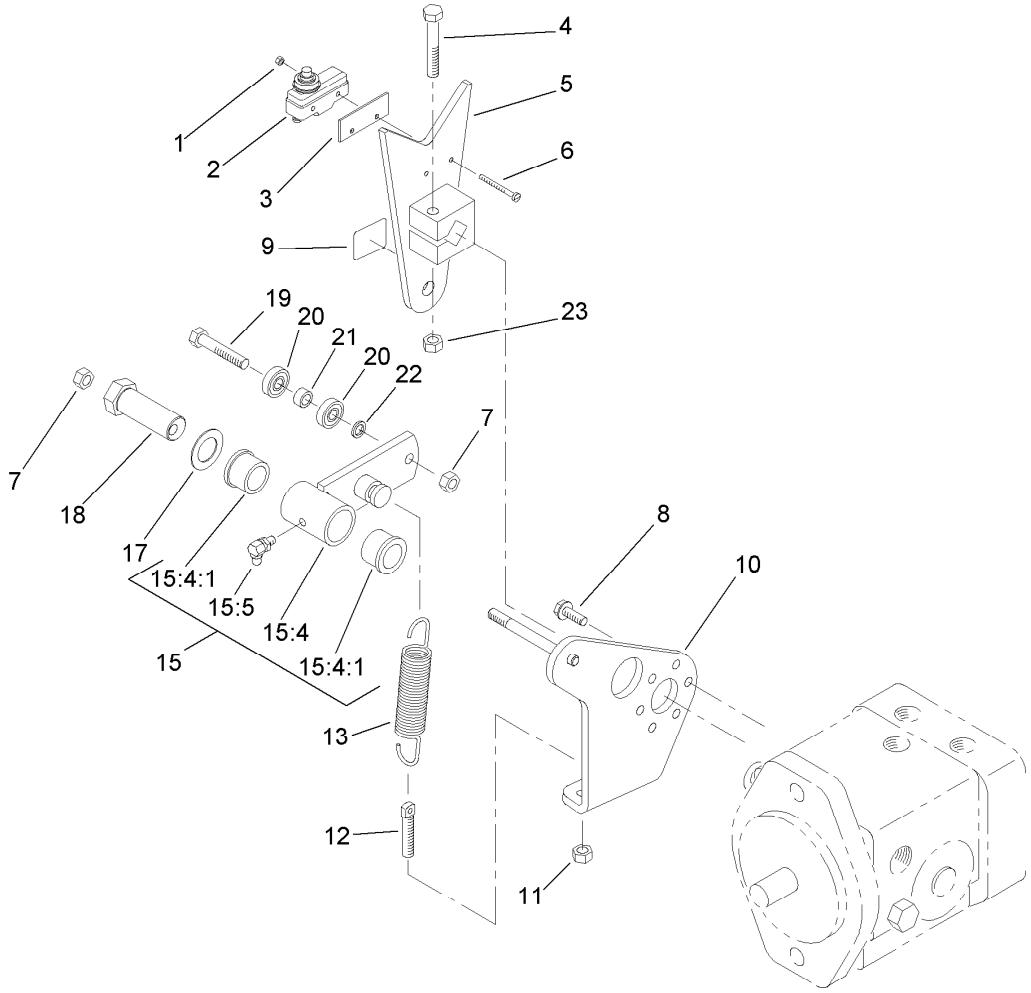
Ref.	Part Number	Qty.	Description
19		1	Wheel & Tire ASM ●
19:1	232-35	1	Valve Stem And Cap ASM
19:2	85-8290	1	Tire-2Ply, Knobby
19:3	94-6116	1	Wheel-Rear
20	3296-4	2	Nut-Lock
21	18-6380	2	Pin-Adjustment, Steering
22	2710-11	2	Link-Chain
23	92-5039	1	Chain-Steering
24	18-6320	3	Washer-Steering
25	254-70	2	Bearing-Cone
28	254-61	2	Cup-Bearing
29	95-0600-01	1	Frame ASM
30	3272-37	1	Pin-Cotter
31	32136-9	1	Nut-Hex, Slotted
32	32121-15	2	Pin-Roll
33	85-9200	1	Knuckle-Steering
34	98-0928	1	Shaft-Steering, Lower
35	3296-29	4	Nut-Lock, NI
38	94-6821	2	Clamp-Wire
40	3256-23	2	Washer-Flat
41	302-2	1	Fitting-Grease

● Not serviced separately



Traction Pedal Assembly

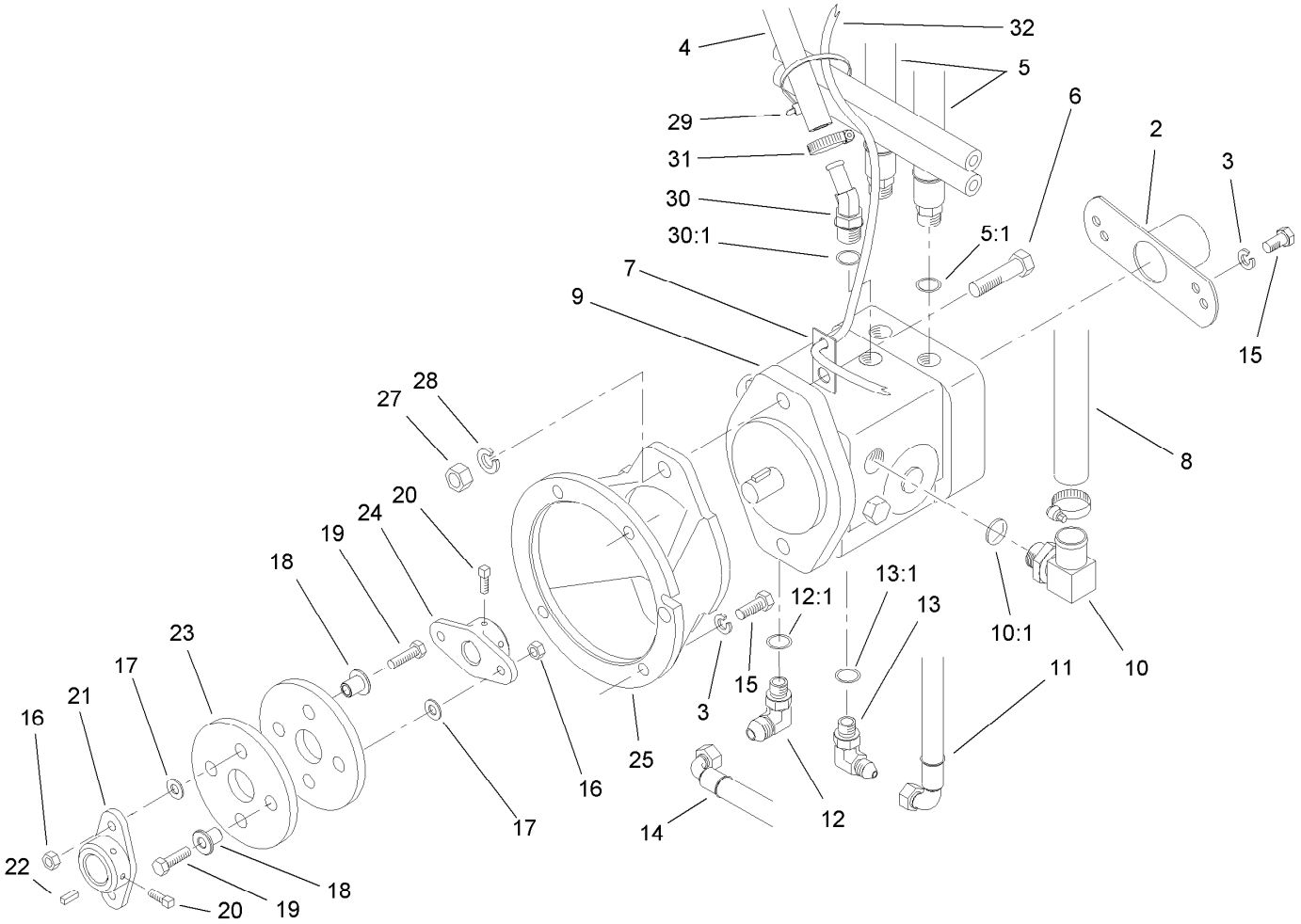
Ref.	*Part Number*	*Qty.*	*Description*
1	322-14	1	Screw-HH
2	3256-23	1	Washer-Flat
3	256-219	2	Bushing
4	85-8960	1	Spacer
5	74-9110	1	Pad-Pedal, Reverse
6	92-2343-01	1	Pedal ASM
7	3296-29	1	Nut-Lock, NI
8	3272-16	1	Pin-Cotter
9	3256-25	1	Washer-Flat
10	95-0584	1	Rod-Control
11	92-2344	1	Trunnion
12	3218-5	2	Nut-Jam
13	3256-24	2	Washer-Flat
14	3296-39	1	Nut-Lock, NI
15	74-9100	1	Pad-Pedal, Forward



Pump Control Lever Assembly

Ref.	*Part Number*	*Qty.*	*Description*
1	3296-9	2	Nut-Lock
2	29-6163	1	Switch-Micro
3	85-9150	1	Plate-Switch
4	322-10	1	Screw-HH
5	107-3515-03	1	Lever-Pump
6	32105-21	2	Screw-HH
7	3296-29	2	Nut-Lock, NI
8	49-2040	3	Screw-HWHTF
9	93-9051	1	Decal-Bolt, Eccentric
10	95-0553-03	1	Plate-Pump
11	3296-4	1	Nut-Lock
12	18-6380	1	Pin-Adjustment, Steering
13	85-9030	1	Spring-Extension
15	85-8460	1	Switch Arm ASM
15:4		1	Arm-Switch ●
15:4:1	256-113	2	Bushing-Flange
15:5	302-60	1	Fitting-Grease
17	3-6498	1	Washer-Thrust
18	76-8640	1	Stud-Traction
19	322-8	1	Screw-HH
20	251-307	2	Bearing-Ball
21	85-9120	1	Spacer-Pivot, Tilt
22	75-5470	1	Spacer-Bearing
23	3296-29	1	Nut-Lock, NI

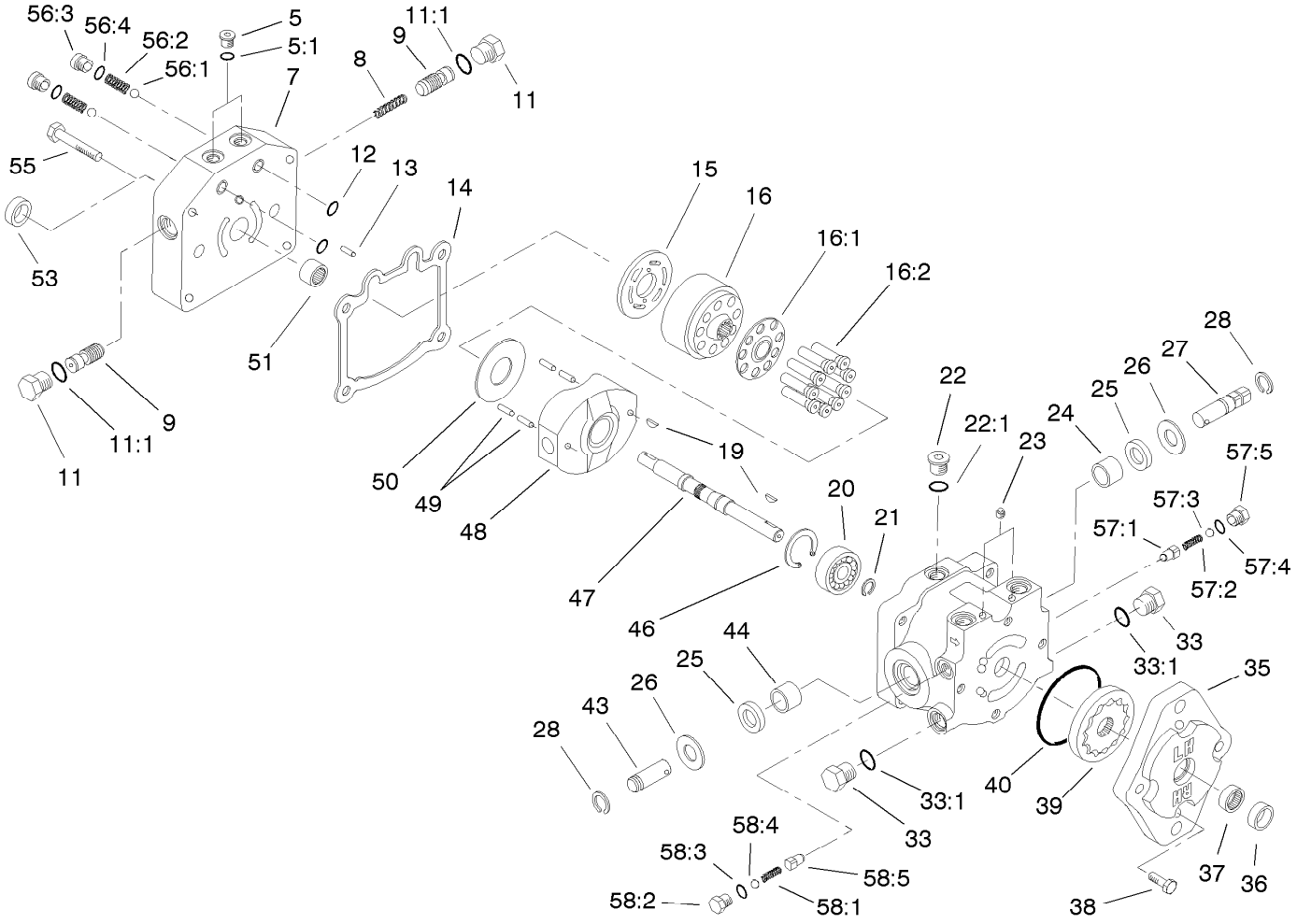
● Not serviced separately



Hydraulic Pump Installation Assembly

Ref.	Part Number	Qty.	Description
2	95-0632-03	1	Cover ASM
3	3253-5	6	Washer-Lock
4	98-8153	1	Hose-Return
5	95-0595	2	Hose-HYD
5:1	237-79	1	O-Ring
6	325-7	2	Screw-HH
7	26-2950	1	Wire-Standoff
8	95-0555	1	Hose-Suction
9	106-9248	1	Pump-Reversible, Variable
10	87-8170	1	Fitting
10:1	237-80	1	O-Ring
11	95-0592	1	Hose ASM
12	353-511	1	Fitting-HYD, 90 DEG
12:1	237-42	1	O-Ring
13	353-374	1	Elbow-90 DEG
13:1	237-42	1	O-Ring
14	95-0591	1	Hose-HYD
15	323-6	6	Screw-HH

Ref.	Part Number	Qty.	Description
16	3296-29	4	Nut-Lock, NI
17	3256-23	4	Washer-Flat
18	71-4411	4	Spacer
19	322-7	4	Screw-HH
20	3241-5	4	Screw-Set
21	27-1960	1	Hub-Engine
22	13-2840	1	Key-Square
23	80-8650	2	Coupling-Drive
24	49-9600	1	Hub-Pump
25	95-0631-03	1	Mount-Pump
27	3217-9	2	Nut-HH
28	3253-7	2	Washer-Lock
29	3290-378	1	Tie-Cable
30	354-126	1	Fitting-HYD, 45 DEG
30:1	237-79	1	O-Ring
31	2412-36	1	Clamp-Hose
32	95-0574	1	Harness-Wire



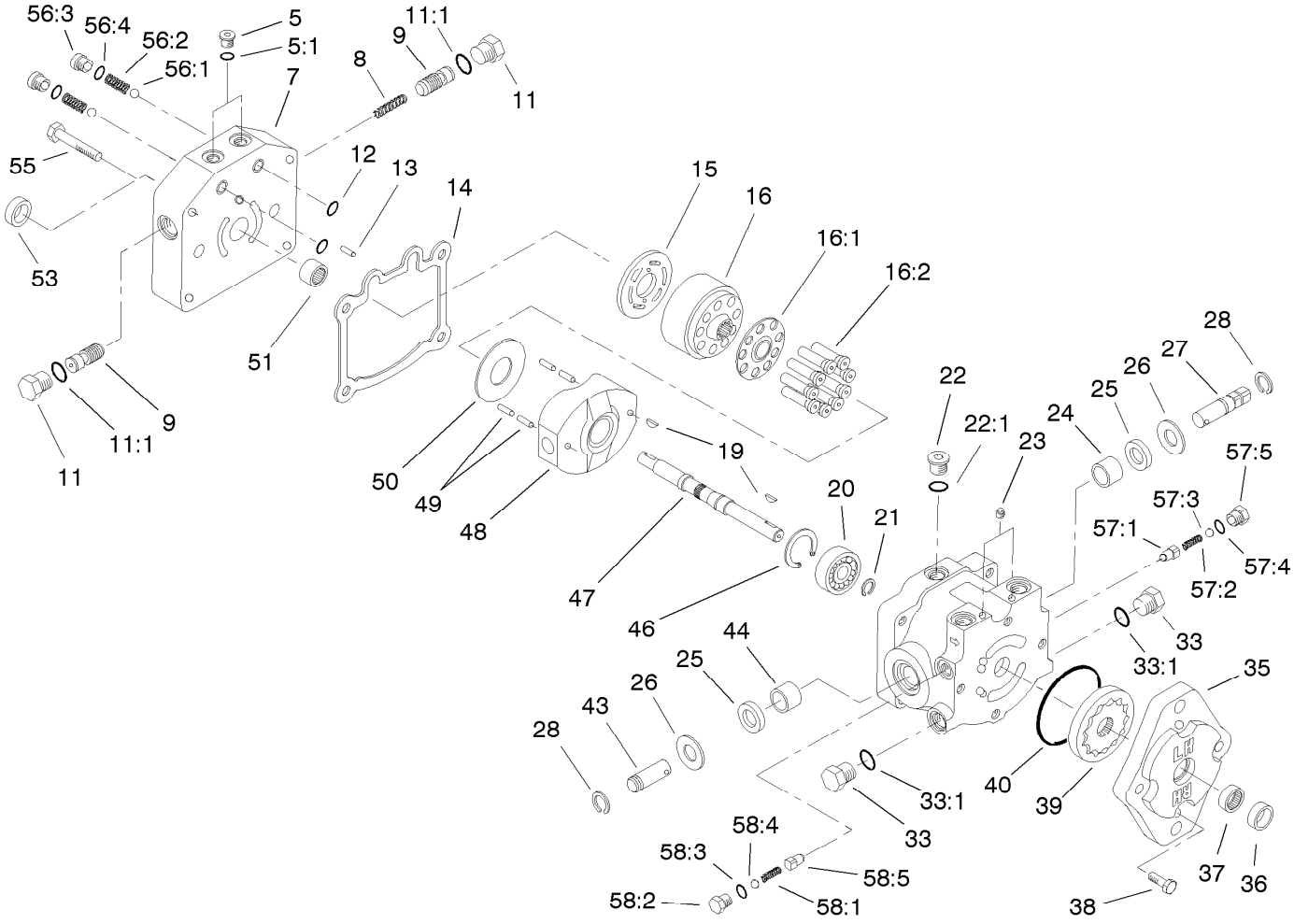
Variable Reversible Pump Assembly
No. 106-9248

Ref.	Part Number	Qty.	Description
5	92-8776	2	Plug-HSH
5:1	92-8777	1	O-Ring
7	112-7656	1	Cap-End
8	25-2610	1	Spring-Valve
9	95-5814	2	Valve-Acceleration
11	28-3440	1	Plug-Threaded
11:1	75-0240	1	O-Ring
12	112-7652	2	O-Ring
13	25-2430	1	Pin-Dowel
14	25-2400	1	Gasket
15	95-5811	1	Plate-Valve
16	48-1800	1	Cylinder Block Kit
16:1		1	Retainer-Slipper ■
16:2		9	Piston ASM ■
19	3257-32	2	Key-Woodruff
20	95-5809	1	Bearing-Ball
21	94-3996	1	Ring-Retaining
22	353-988	1	Plug-Hex
22:1	237-79	1	O-Ring
23	285-17	2	Plug-Pipe
24	88-8190	1	Bearing-Journal
25	25-3210	2	Seal-Lip
26	25-2510	2	Washer-Flat
27	88-8180	1	Shaft-Trunnion

● Not illustrated

Ref.	Part Number	Qty.	Description
28	32151-46	2	Ring-Retaining
33	88-8210	2	Plug
33:1	237-80	1	O-Ring
35	25-2690	1	Housing-Pump, Charge
36	67-8060	1	Seal-Lip
37	67-8050	1	Bearing-Needle
38	322-4	4	Screw-HH
39	95-5812	1	Gerotor ASM
40	237-95	1	O-Ring
43	25-2500	1	Shaft-Trunnion
44	252-82	1	Bearing-Needle
46	32151-75	1	Ring-Retaining
47	95-5810	1	Shaft
48	25-2450	1	Plate-Swash, Variable
49	32121-91	4	Pin-Spring
50	25-2380	1	Plate-Thrust
51	46-8400	1	Bearing-Shaft
53	88-8230	1	Seal-Lip
55	323-45	4	Screw-HH
56	99-5689	1	Check Valve Kit ●
56:1	25-2490	1	Ball
56:2	25-2640	1	Spring-Valve
56:3	25-2650	1	Plug-Valve, Check
56:4	237-86	1	O-Ring

■ Not serviced separately



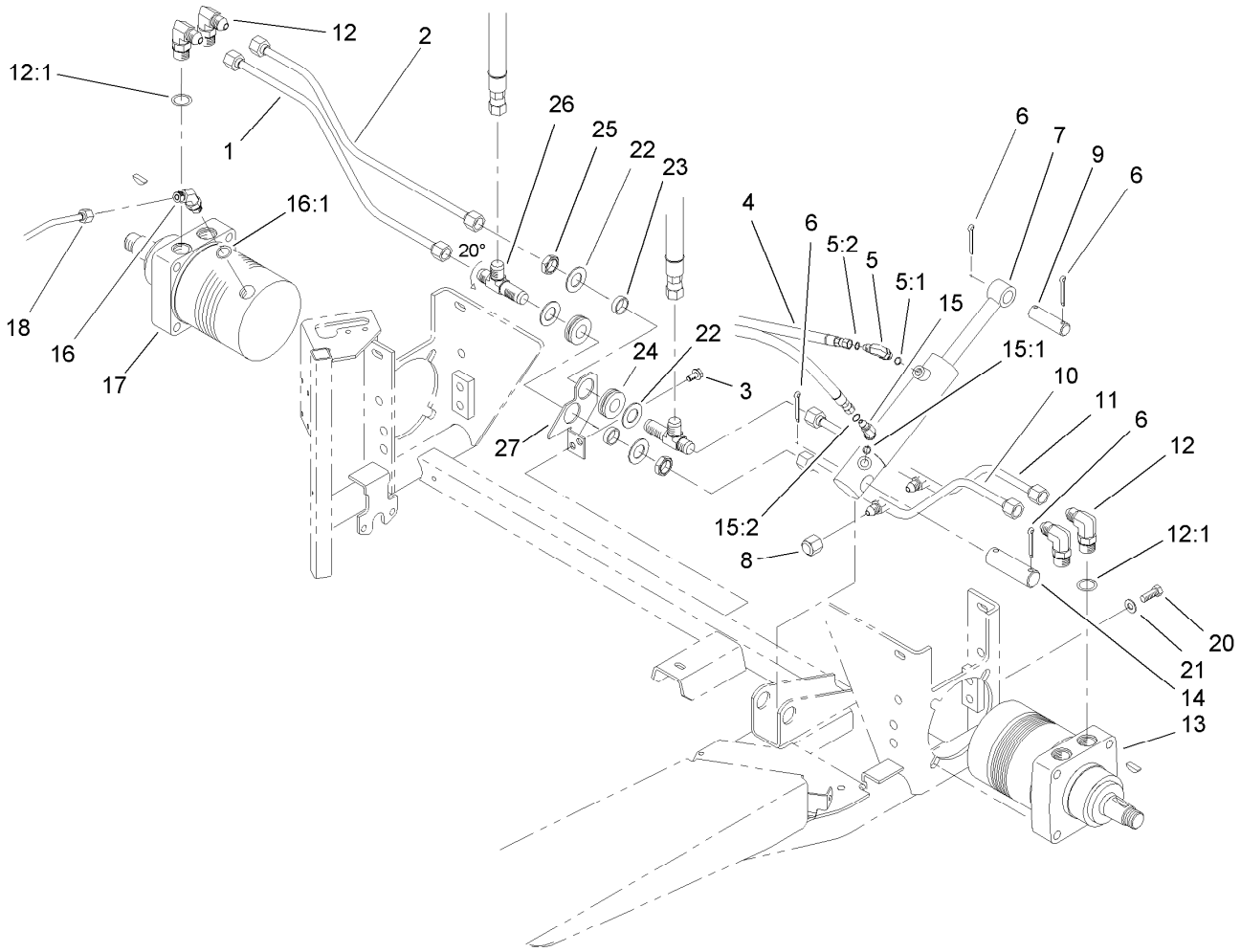
Variable Reversible Pump Assembly No. 106-9248 (continued)

Ref.	Part Number	Qty.	Description
57	49-8520	1	Implement Relief Kit ●
57:1	83-7260	1	Cone-Relief, Charge
57:2	25-2570	1	Spring-Valve
57:3	25-2470	1	Pack-Shim
57:4	237-86	1	O-Ring
57:5	25-2460	1	Plug-HH

Ref.	Part Number	Qty.	Description
58	49-8510	1	Valve Kit ●
58:1	25-2480	1	Spring-Valve
58:2	25-2460	1	Plug-HH
58:3	237-86	1	O-Ring
58:4	25-2470	1	Pack-Shim
58:5	83-7260	1	Cone-Relief, Charge

● Not illustrated

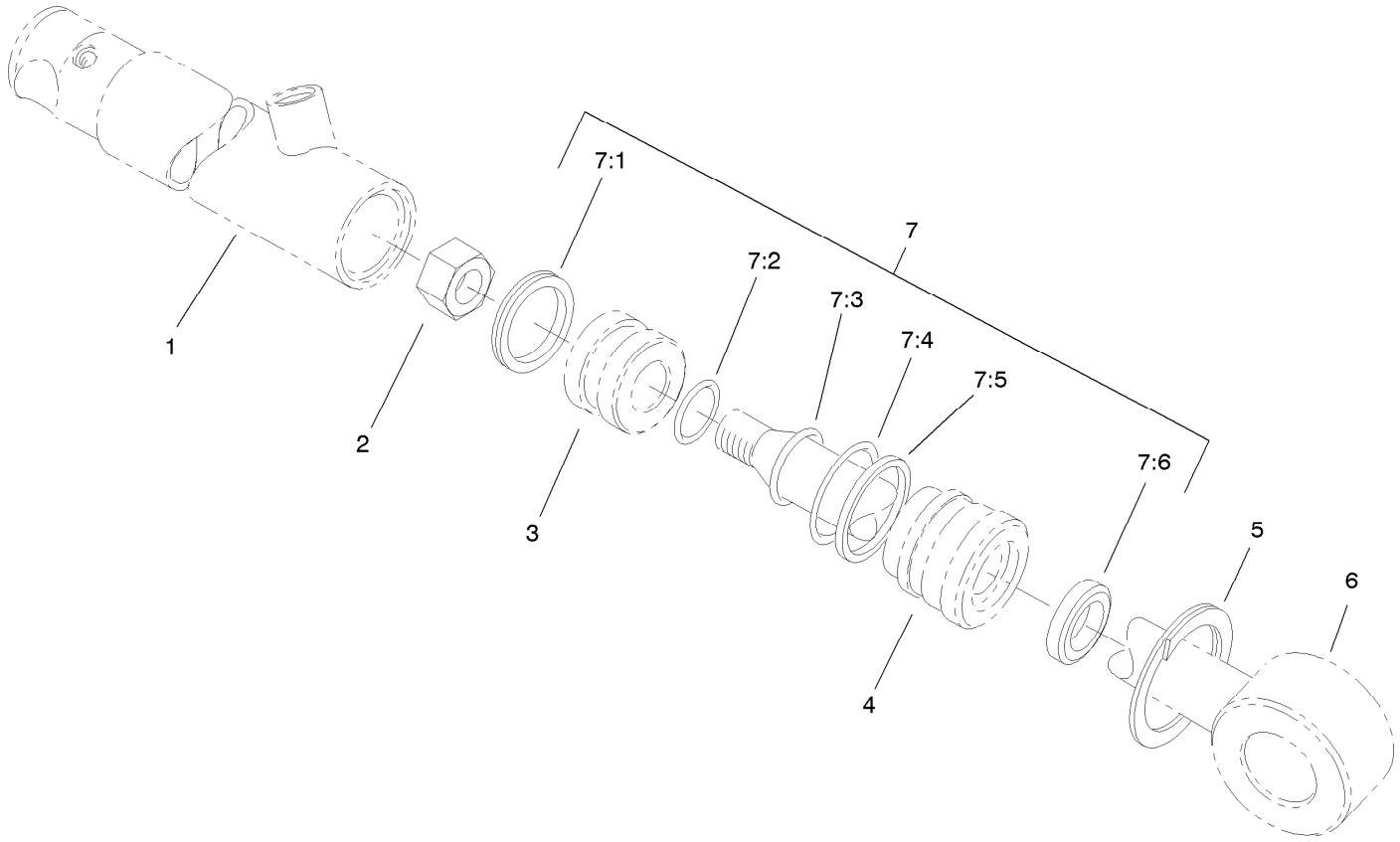
■ Not serviced separately



Rear Wheel Drive Assembly

Ref.	Part Number	Qty.	Description
1	95-0564	1	Tube-RH, Front
2	95-0559	1	Tube-RH, Rear
3	32144-14	2	Screw-HWHTF
4	75-6200	2	Hose
5	340-132	1	Fitting-HYD, 90 DEG
5:1	237-78	1	O-Ring
5:2	237-21	1	O-Ring
6	3272-23	4	Pin-Cotter
7	83-7000	1	HYD Cylinder ASM
8	95-0594	2	Fitting-Cap
9	18-7310	1	Pin-Cylinder
10	95-0560	1	Tube-LH, Front
11	95-0567	1	Tube-LH, Rear
12	353-426	4	Fitting-90 DEG
12:1	237-80	1	O-Ring
13	75-9831	1	HYD Motor ASM

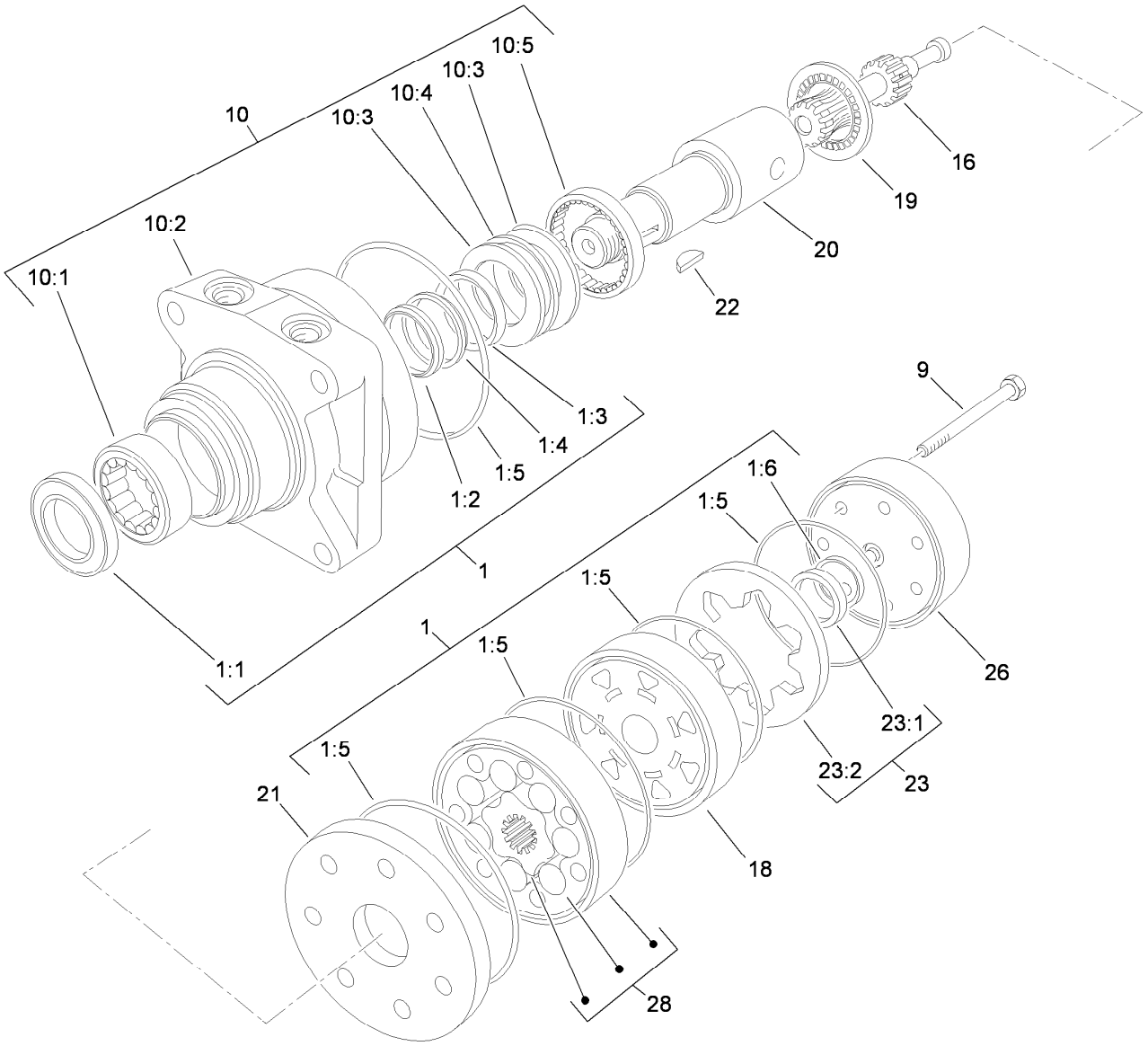
Ref.	Part Number	Qty.	Description
14	18-7160	1	Pin-Cylinder
15	340-103	1	Fitting-HYD, 45 DEG
15:1	237-78	1	O-Ring
15:2	237-21	1	O-Ring
16	353-212	1	Fitting-HYD, 45 DEG
16:1	237-42	1	O-Ring
17	75-9840	1	HYD Motor ASM
18	95-0575	1	Tube-Valve, Shuttle
20	325-5	4	Screw-HH
21	3256-26	4	Washer-Flat
22	69-8930	4	Washer
23	69-8960	2	Spacer
24	240-5	2	Grommet-Rubber
25	95-0642	2	Locknut-Bulkhead
26	95-0577	2	Fitting-Bulkhead
27	95-0568-01	1	Bracket-Bulkhead



Hydraulic Cylinder Assembly No. 83-7000

Ref.	*Part Number*	*Qty.*	*Description*
1		1	Barrel ASM ●
2	32152-10	1	Locknut
3		1	Piston ●
4		1	Head ●
5	43-5220	1	Ring-Retaining
6		1	Shaft W/Clevis ●
7	86-5360	1	Seal Repair Kit
7:1		1	Uniring-Grooved ●
7:2		1	Seal-Dust ●
7:3		1	Seal-Dust ●
7:4		1	Seal-Dust ●
7:5		1	Back-Up ●
7:6		1	Seal-Dust ●

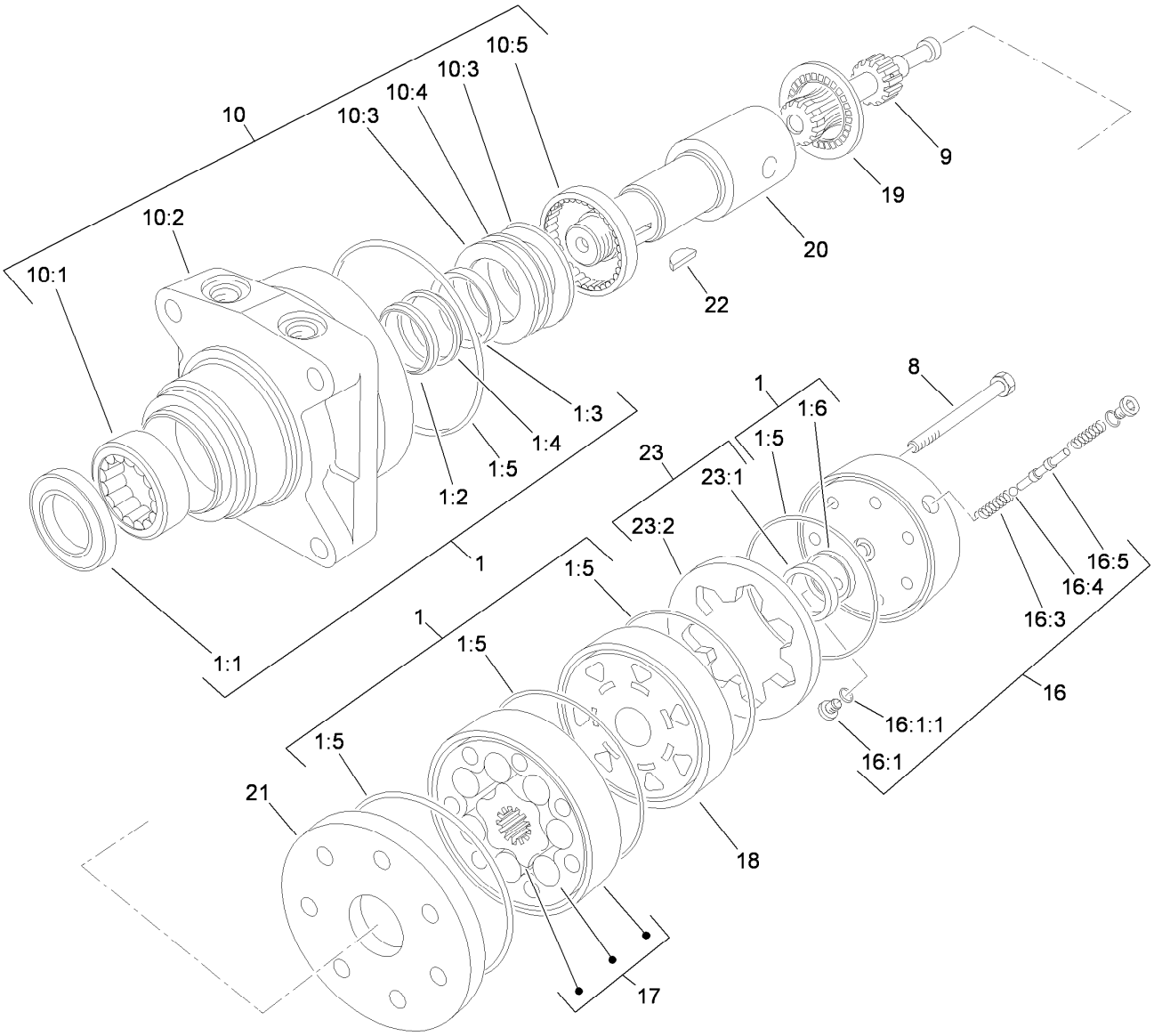
● Not serviced separately



Hydraulic Motor Assembly No. 75-9831

Ref.	Part Number	Qty.	Description
1	94-8178	1	Seal Kit
1:1		1	Seal-Dirt And Water ●
1:2		1	Backup-Ring ●
1:3		1	Seal-Shaft ●
1:4		1	Washer-Backup ●
1:5		5	Seal-Square, Ring (Inner) ●
1:6		1	Seal-Commutator ●
9	76-1020	7	Screw-Cap, HH
10	76-0810	1	Housing ASM
10:1		1	Bearing ●
10:2		1	Housing ●
10:3		2	Washer-Thrust ●
10:4		1	Bearing-Thrust ●
10:5		1	Bearing ●
16	76-0820	1	Line-Drive
18	76-0840	1	Manifold
19	76-0850	1	Bearing-Thrust
20	76-0860	1	Shaft-Coupling
21	76-0870	1	Plate-Wear
22	3257-42	1	Key-Woodruff
23	76-0880	1	Commutator ASM
23:1		1	Commutator ●
23:2		1	Ring-Commutator ●
26	76-0940	1	End Cover ASM
28	76-0830	1	Rotor Set

● Not serviced separately

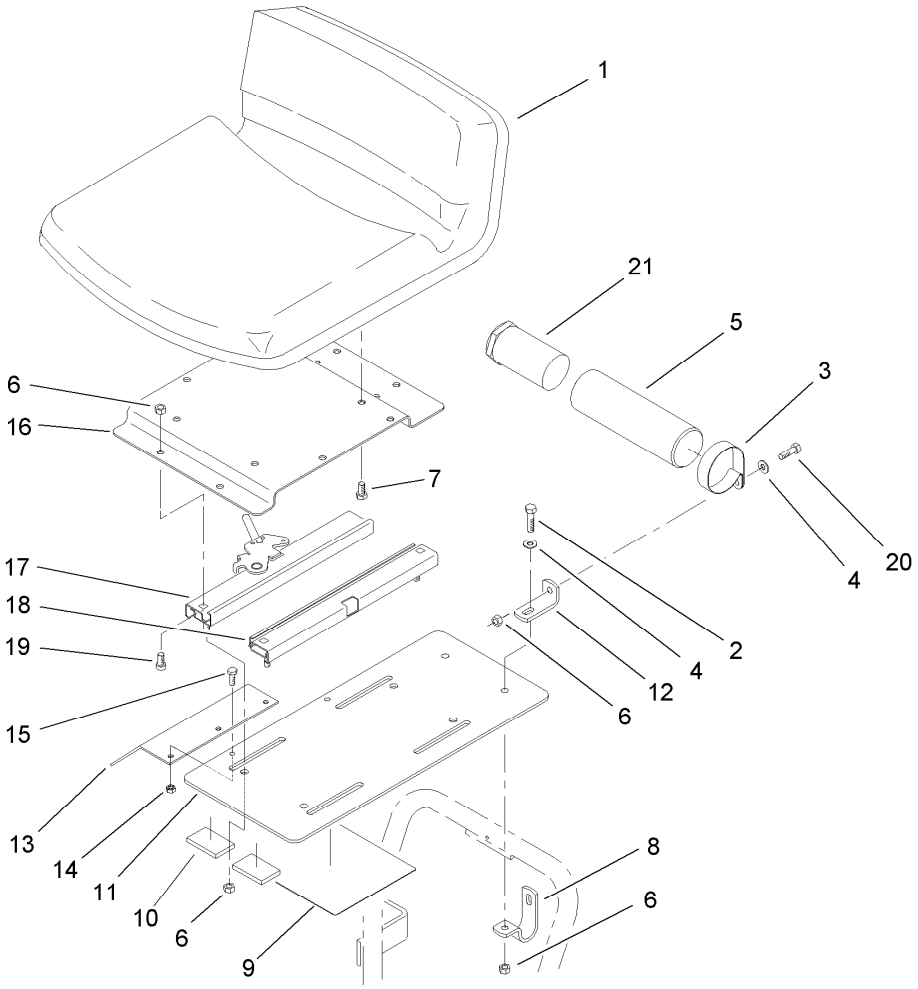


Hydraulic Motor Assembly No. 75-9840

Ref.	Part Number	Qty.	Description
1	94-8178	1	Seal Kit
1:1		1	Seal-Dirt And Water ●
1:2		1	Backup-Ring ●
1:3		1	Seal-Shaft ●
1:4		1	Washer-Backup ●
1:5		5	Seal-Square, Ring (Inner) ●
1:6		1	Seal-Commutator ●
8	76-1040	7	Screw-Cap, HH
9	76-0820	1	Line-Drive
10	76-0810	1	Housing ASM
10:1		1	Bearing ●
10:2		1	Housing ●
10:3		2	Washer-Thrust ●
10:4		1	Bearing-Thrust ●
10:5		1	Bearing ●

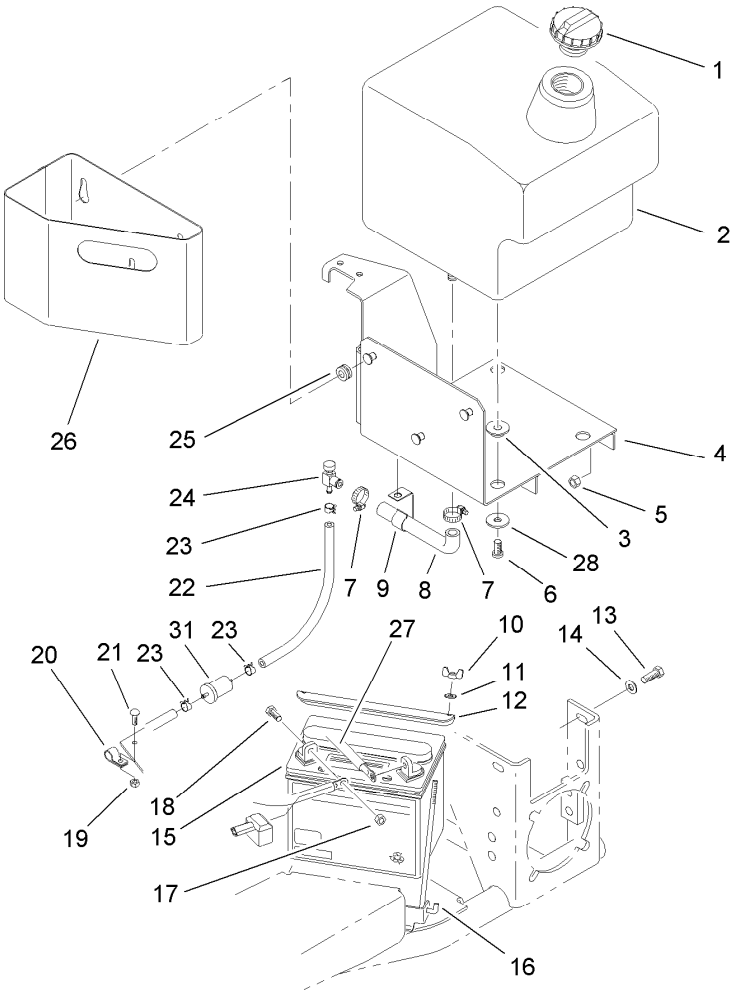
Ref.	Part Number	Qty.	Description
16	76-0890	1	End Cover ASM
16:1	353-990	2	Plug
16:1:1	237-78	1	O-Ring
16:3		2	Spring ●
16:4		1	Ball ●
16:5		1	Valve-Shuttle ●
17	76-0830	1	Rotor Set
18	76-0840	1	Manifold
19	76-0850	1	Bearing-Thrust
20	76-0860	1	Shaft-Coupling
21	76-0870	1	Plate-Wear
22	3257-42	1	Key-Woodruff
23	76-0880	1	Commutator ASM
23:1		1	Commutator ●
23:2		1	Ring-Commutator ●

● Not serviced separately



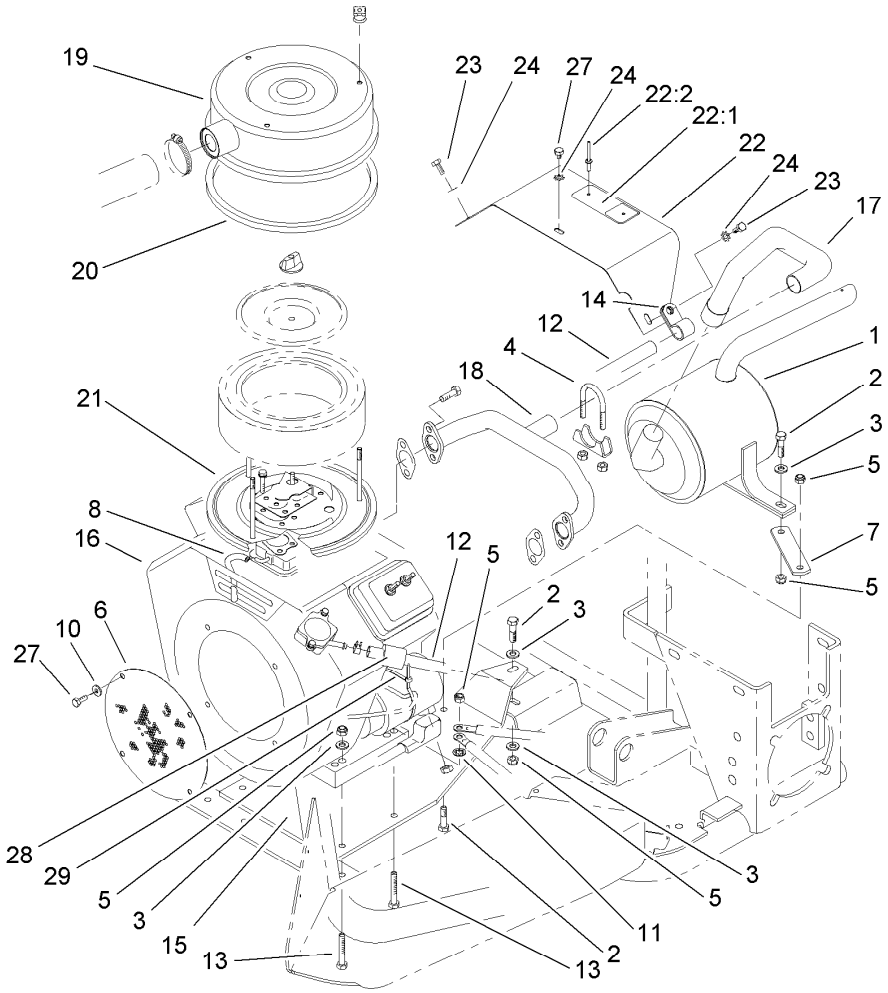
Seat Assembly

Ref.	*Part Number*	*Qty.*	*Description*
1	92-8976	1	Seat
2	322-6	2	Screw-HH
3	2412-133	2	R-Clamp
4	3256-3	4	Washer-Flat
5	104-7050	1	Tube-Manual
6	3296-29	12	Nut-Lock, NI
7	3234-14	4	Screw-HHF
8	92-8972	2	Clamp-Seat
9	95-0646	1	Decal-Service
9	93-7251	1	Decal-Blank
10	74-0340	2	Cushion-Rubber
11	95-0637-03	1	Plate-Seat
12	92-8973	2	Angle
13	95-5840-03	1	Shield-Base, Seat
14	3296-42	2	Nut-Lock, NI
15	321-4	2	Screw-HH
16	86-7610-03	1	Mount-Seat
17	51-0790	1	Adjuster-Seat, LH
18	51-0780	1	Slider-Seat
19	3274-12	4	Screw-HSH
20	322-5	2	Screw-HH
21	104-7048	1	Cap-Housing



Fuel Tank Assembly

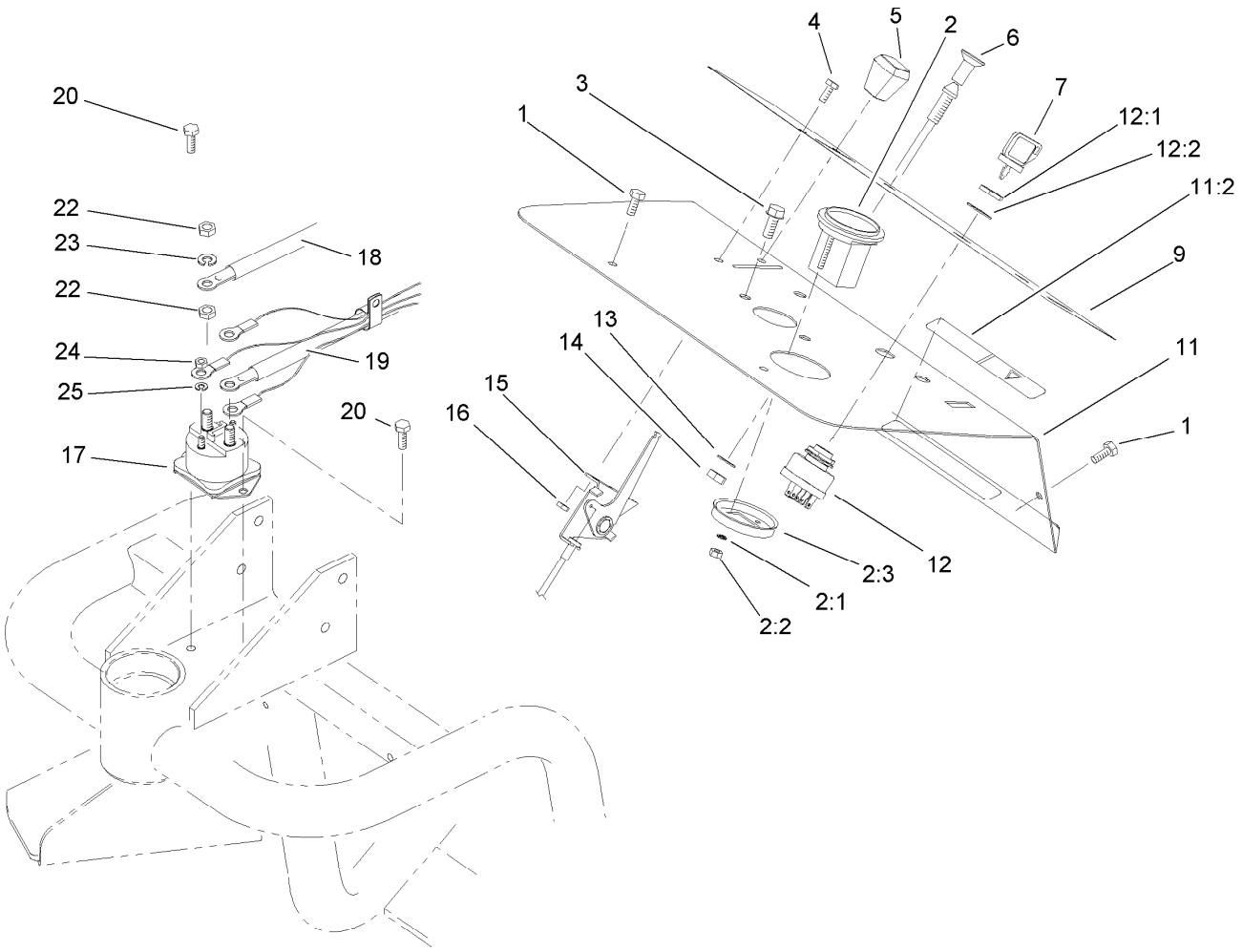
Ref.	Part Number	Qty.	Description
1	93-7170	1	Cap-Fuel
2	92-7186	1	Tank-Fuel
3	240-11	4	Bushing-Flange
4	95-0576-03	1	Base-Tank, Fuel
5	3296-39	3	Nut-Lock, NI
6	3250-36	4	Screw-PPH
7	2412-36	2	Clamp-Hose
8	110-8151	1	Hose-Fuel, Formed
9	92-7160	1	Clip
10	32103-12	2	Nut-Wing
11	3256-22	2	Washer-Flat
12	92-5018-03	1	Clamp-Battery
13	323-6	3	Screw-HH
14	3256-24	3	Washer-Flat
15	104-8162	1	Battery
16	56-7720	2	Post-Battery
17	3296-29	2	Nut-Lock, NI
18	322-3	2	Screw-HH
19	3296-42	1	Nut-Lock, NI
20	2412-73	1	Clamp-R
21	3274-69	1	Screw-HSBH
22	109-0294	1	Hose-Fuel
23	2412-98	4	Clamp
24	83-1390	1	Valve-Shut-Off, Fuel
25	240-9	3	Grommet
26	86-7640-01	1	Box-Litter
27	86-7450	1	Cable-Ground
28	63-8410	4	Washer
31	94-2690	1	Filter-Fuel



Engine Installation Assembly

Ref.	Part Number	Qty.	Description
1	95-0552	1	Muffler
2	322-5	3	Screw-HH
3	3256-23	6	Washer-Flat
4	95-0586	2	Clamp ASM
5	3296-29	7	Nut-Lock, NI
6	92-8996-03	1	Screen
7	95-0557	1	Bracket-Muffler
8	75-4705	1	Hose-Fuel
10	3256-1	4	Washer-Flat
11	3255-8	1	Washer-Lock
12	109-0302	1	Hose-Fuel
13	322-10	4	Screw-HH
14	2412-73	1	Clamp-R
15	95-0556-03	1	Base-Engine
16	98-0940	1	Engine-B & S, 303447-1180-E1

Ref.	Part Number	Qty.	Description
17	95-0551	1	Tube-Exhaust
18	95-0550	1	Manifold-Exhaust
19	85-8370-03	1	Air Cleaner Cover ASM
20	85-8360	1	Gasket-Ring
21	85-8430-03	1	Base-Cleaner, Air
22	105-8523	1	Muffler Shield ASM
22:1	95-0645	1	Plate-Surface, Hot
22:2	3269-32	2	Rivet-Pop
23	33113-012	2	Screw-HH
24	3255-7	3	Washer-Lock/EXT
27	33113-008	5	Screw-HH
28	38-3400	1	Guard-Rubber
29	3290-379	1	Tie-Cable



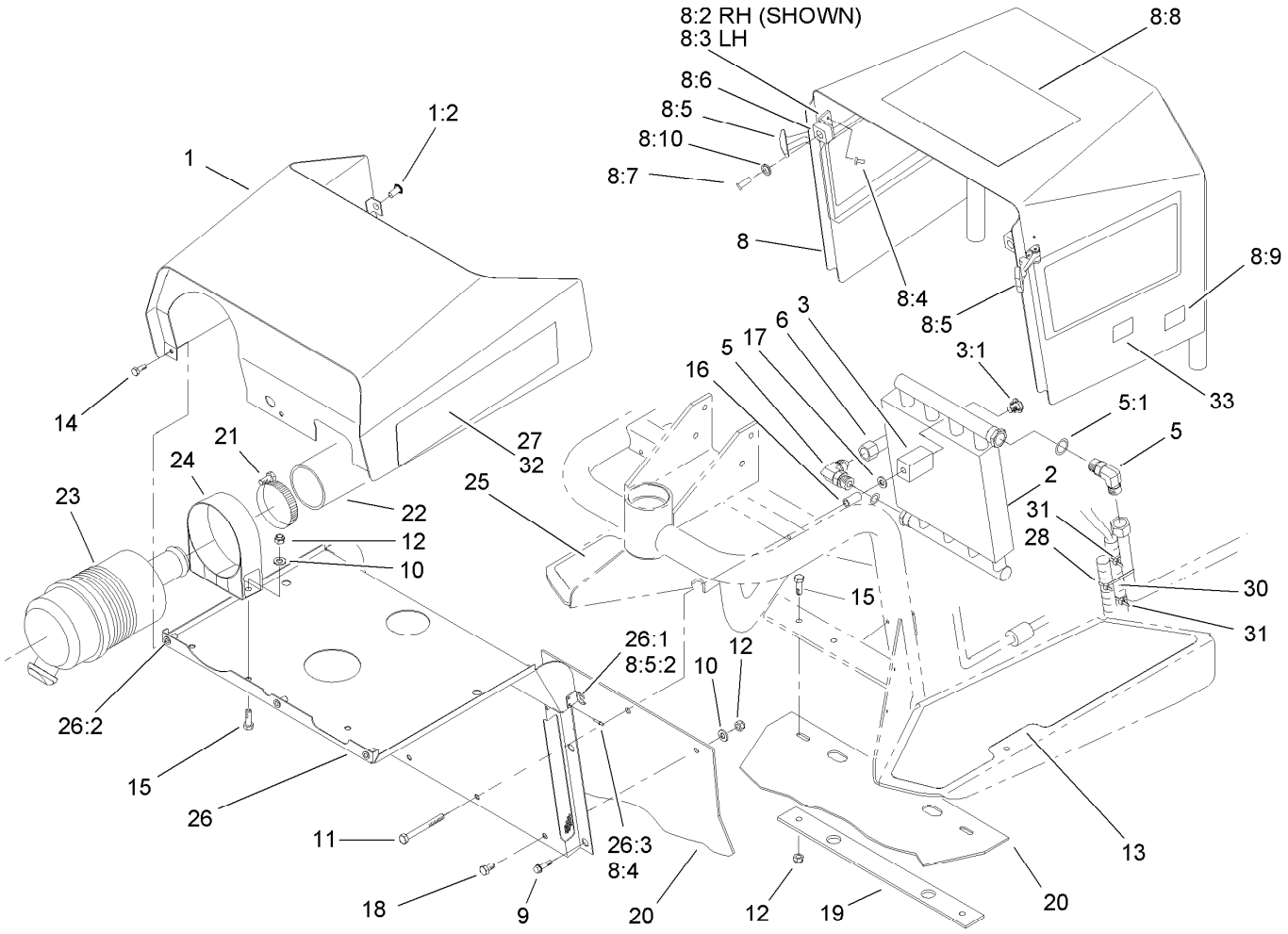
Dash Panel Assembly

Ref.	Part Number	Qty.	Description
1	3234-33	4	Screw-HHF
2	66-2950	1	Gauge-Hourmeter
2:1	3255-20	2	Washer-Lock
2:2	3217-25	2	Nut-Hex
2:3		1	Clamp-Gauge ■
3	32144-11	2	Screw-HWHTF
4	32105-2	2	Screw-SHWH
5	66-0120	1	Knob
6	95-0597	1	Control-Choke
7	63-8360	2	Key-Ignition
9	95-0648	1	Decal
11	105-8524	1	Dash Panel ASM
11:2	93-9052	1	Decal-Danger
12	83-0020	1	Switch-Ignition
12:1	218-461	1	Nut-HH

Ref.	Part Number	Qty.	Description
12:2	3254-5	1	Washer-Tooth, Internal
13	3254-6	1	Washer-Lock, Internal
14	3219-3	1	Nut-Hex
15	95-0598	1	Control-Throttle
16	3296-12	2	Nut-Lock, NI
17	28-4210	1	Solenoid
18	95-5825	1	Wire ASM
18:1	83-2430	1	Boot-Terminal ●
19	95-0599	1	Wire ASM
19:1	28-8080	1	Boot-Terminal ●
20	32104-95	2	Screw-HWH
22	3218-13	2	Nut-Jam, Brass
23	3253-4	2	Washer-Lock
24	3219-14	2	Nut-Hex
25	3253-17	2	Washer-Lock

● Not illustrated

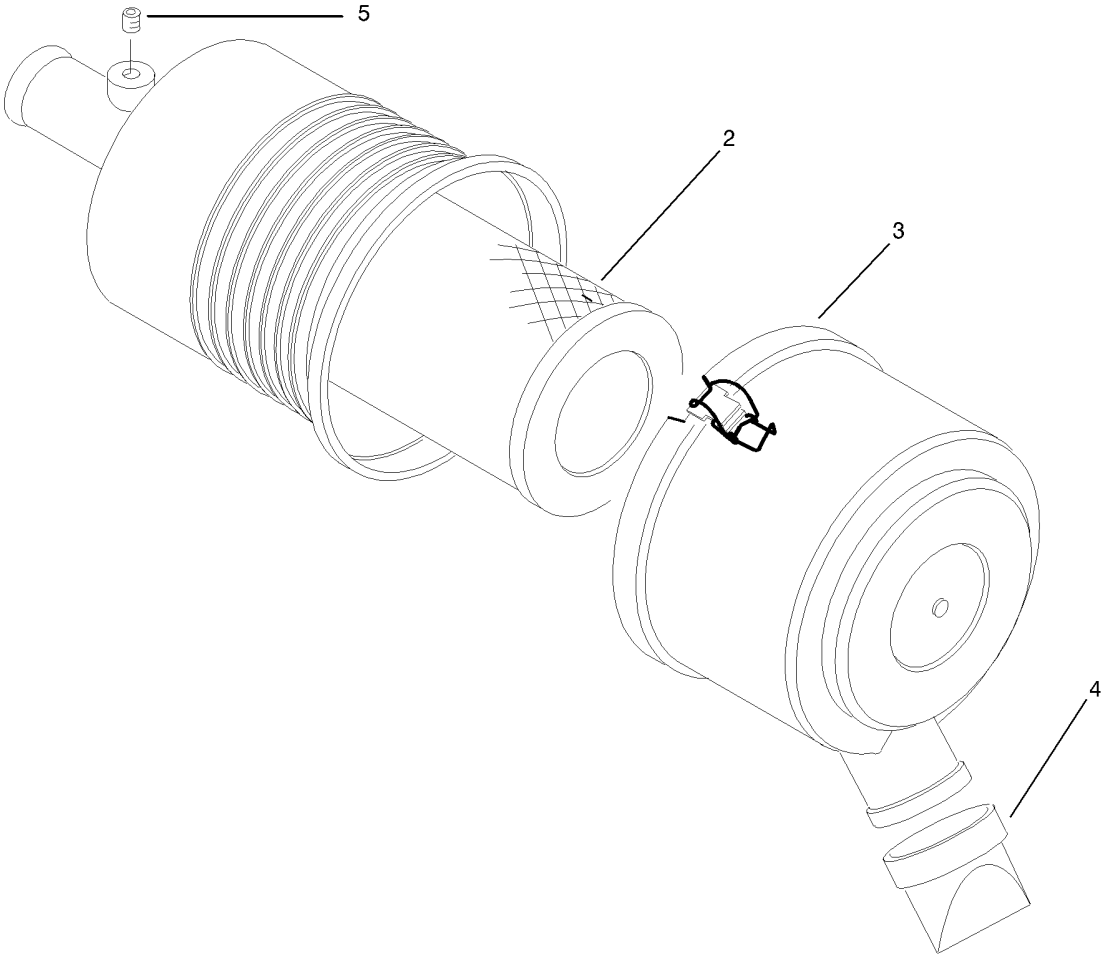
■ Not serviced separately



Shroud and Oil Cooler Assembly

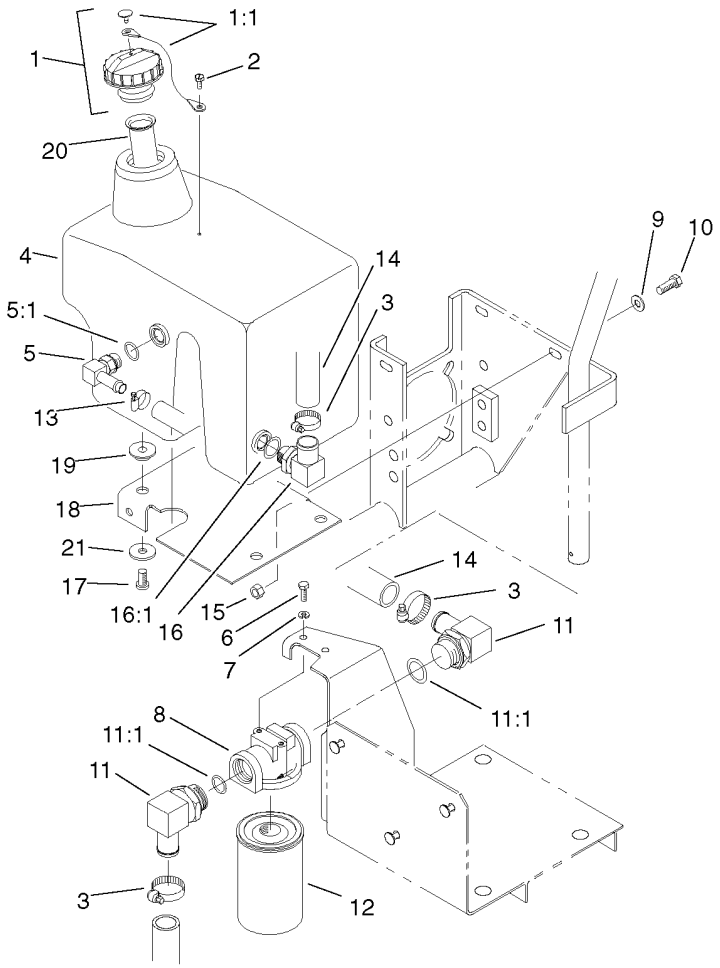
Ref.	Part Number	Qty.	Description
1	99-1644	1	Dash Shroud ASM
1:2	32148-6	4	Insert-Nut
2	92-8997	1	Cooler-Oil
3	85-9550	2	Rubber Clamp ASM
3:1	85-9670	1	T-Nut
5	353-371	2	Fitting-Elbow-90
5:1	237-79	1	O-Ring
6	95-0643	1	Tube-Valve To Cooler
8	95-0610	1	Engine Cover ASM
8:2	95-0611	1	Bracket-RH
8:3	95-0612	1	Bracket-LH
8:4	3269-8	6	Rivet-Blind
8:5	59-9740	2	Flex Draw Latch ASM
8:5:2	249-40	1	Keeper
8:6	94-1392	2	Pad-Rubber
8:7	3269-28	2	Rivet-Pop
8:8	92-8985	1	Decal-Operating
8:9	93-7252	1	Decal-Ce Mark
8:10	3256-14	2	Washer-Flat
9	46-8560	6	Screw-HHFTF
10	3256-23	4	Washer-Flat
11	322-20	2	Screw-HH
12	3296-29	6	Nut-Lock, NI

Ref.	Part Number	Qty.	Description
13	92-7159	1	Tread-Floor, LH
14	3234-33	3	Screw-HHF
15	322-5	4	Screw-HH
16	95-5807	2	Spacer
17	3256-82	3	Washer-Flat
18	322-2	2	Screw-HH
19	95-0620-01	1	Strip-Retainer
20	95-5826	1	Shield-Rubber
21	2412-92	2	Clamp-Hose
22	95-0582	1	Hose-Intake, Air
23	95-5805	1	Air Cleaner ASM
24	95-5806	1	Bracket-Mounting
25	92-7158	1	Tread-Floor, RH
26	95-5817	1	Front Shield ASM
26:1	249-40	2	Keeper
26:2	32148-6	3	Insert-Nut
26:3	3269-8	4	Rivet-Blind
27	106-8101	2	Decal
28	3290-379	2	Tie-Cable
30	94-4519	1	Tube-Convolute
31	3290-378	2	Tie-Cable
32	106-8102	2	Decal
33	105-7872	1	Decal-Europe Noise, 96Db



Air Cleaner Assembly No. 95-5805

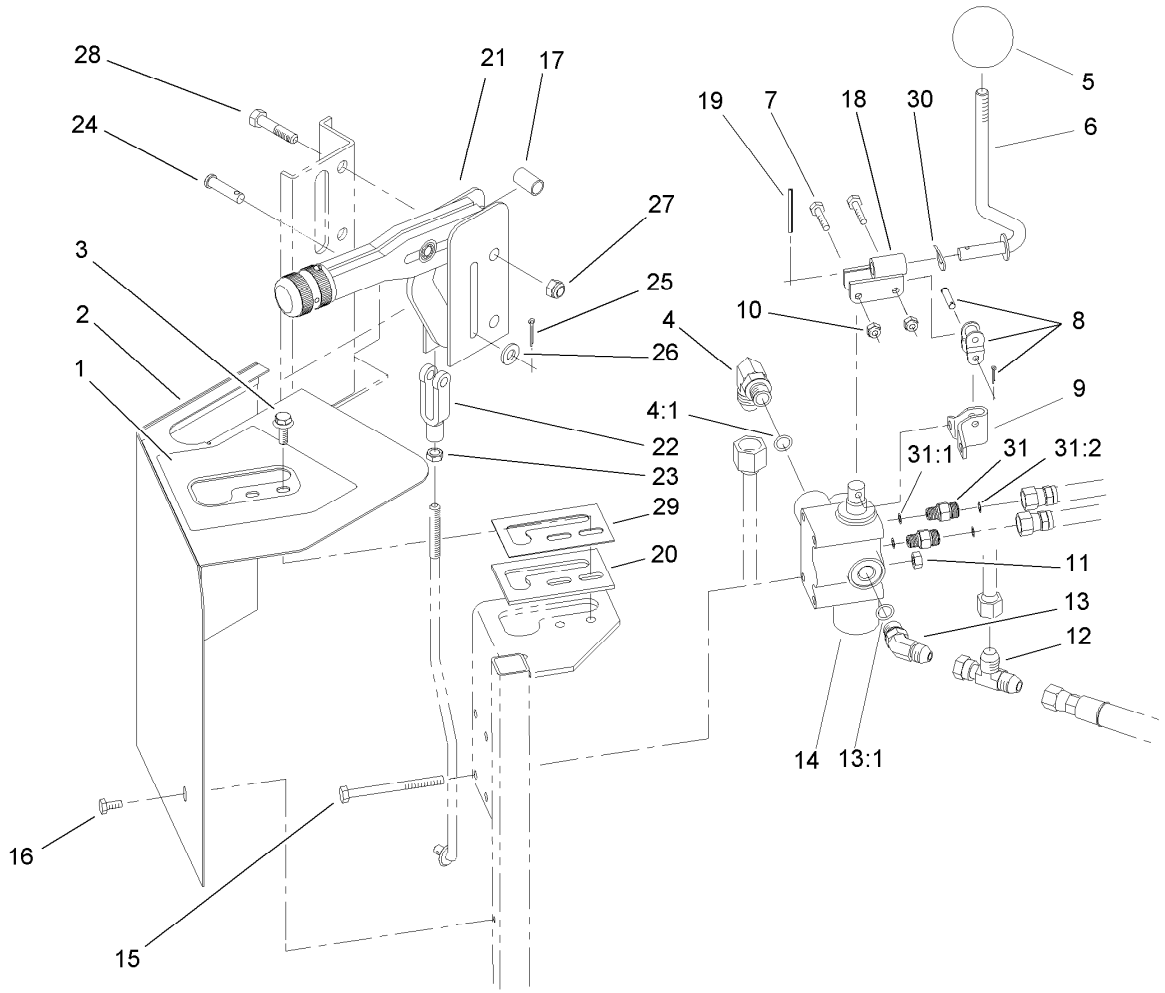
Ref.	*Part Number*	*Qty.*	*Description*
2	108-3811	1	Filter-Air
3	94-3652	1	Cover ASM
4	87-9400	1	Valve-Vacuator
5	285-17	1	Plug-Pipe



Hydraulic Oil Reservoir and Filter Assembly

Ref.	Part Number	Qty.	Description
1	93-4365	1	Cap-Oil
1:1	75-0540	1	Tether And Button Kit
2	57-5420	1	Screw-Shoulder
3	2412-129	4	Clamp-Hose
4	98-0968	1	Tank-HYD
5	354-120	1	Fitting-HYD, 90 DEG
5:1	237-79	1	O-Ring
6	321-3	2	Screw-HH
7	3253-3	2	Washer-Lock
8	68-8990	1	Filter Head ASM
9	3256-24	3	Washer-Flat
10	323-6	3	Screw-HH
11	353-987	2	Fitting-HYD, 90

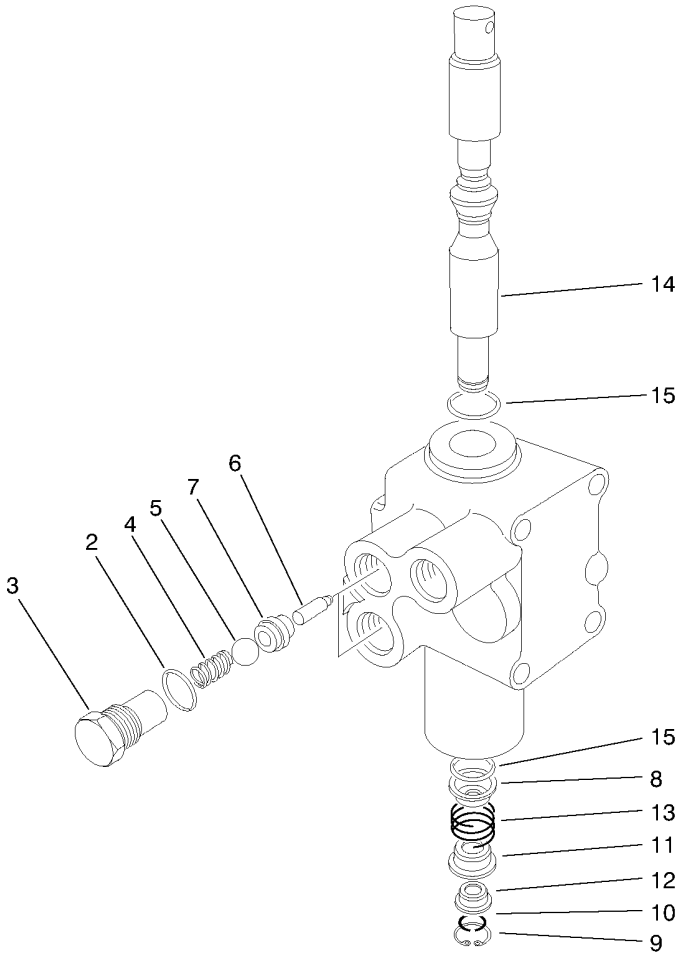
Ref.	Part Number	Qty.	Description
11:1	237-81	1	O-Ring
12	23-9740	1	Filter-Oil
13	2412-36	1	Clamp-Hose
14	107-2152	1	Hose-Suction
15	3296-39	3	Nut-Lock, NI
16	354-136	1	Fitting-HYD
16:1	237-80	1	O-Ring
17	3250-36	3	Screw-PPH
18	95-0590-03	1	Base-Tank, HYD
19	240-11	4	Bushing-Flange
20	92-1705	1	Filter-Screen
21	63-8410	3	Washer



Lift Valve Installation Assembly

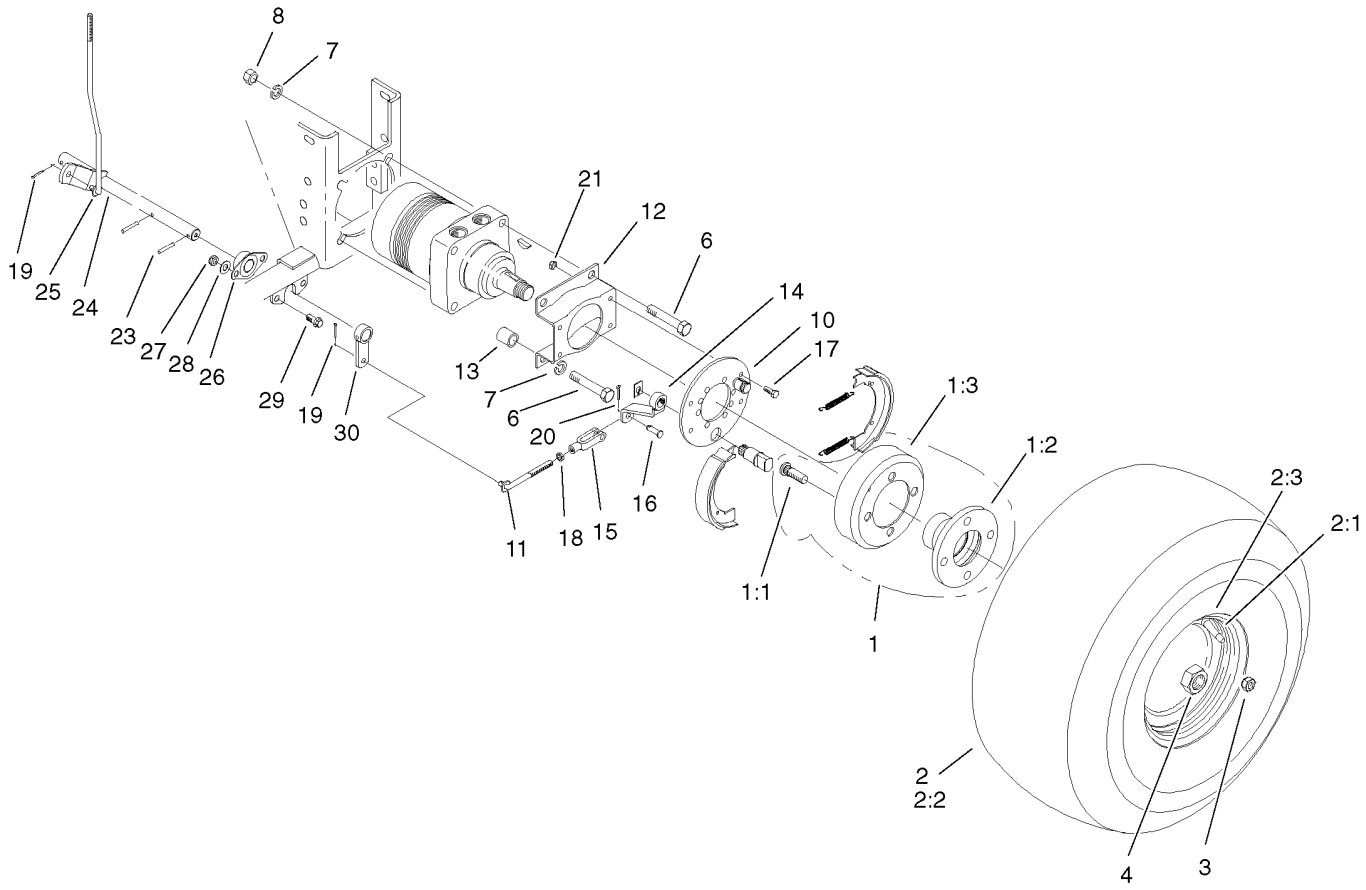
Ref.	Part Number	Qty.	Description
1	95-0647	1	Decal-Control
2	95-0601-01	1	Valve Shroud ASM
3	3234-33	2	Screw-HHF
4	353-511	1	Fitting-HYD, 90 DEG
4:1	237-42	1	O-Ring
5	233-21	1	Knob
6	92-8981	1	Lift Lever ASM
7	3290-360	2	Screw-HH
8	2710-20	1	Link-Offset
9	88-8480	1	Bracket-Pivot
10	3296-2	2	Nut-Lock, NI
11	3296-42	4	Nut-Lock, NI
12	353-877	1	Fitting-HYD, Tee (Swivel)
13	353-212	1	Fitting-HYD, 45 DEG
13:1	237-42	1	O-Ring
14	43-1710-01	1	Valve ASM
15	321-23	4	Screw-HH
16	32104-76	1	Screw

Ref.	Part Number	Qty.	Description
17	85-0290	2	Spacer-Pivot, Seat
18	92-8983	1	Pivot
19	32121-73	1	Pin-Roll
20	21-8640	1	Latch-Lever, Valve
21	95-0636	1	Lever-Brake
22	282-2	1	Yoke
23	3220-2	1	Nut-Jam
24	283-14	1	Pin-Clevis
25	3272-6	1	Pin-Cotter
26	3256-23	1	Washer-Flat
27	3296-29	2	Nut-Lock, NI
28	322-8	2	Screw-HH
29	95-5833	1	Guide-Lever
30	3290-477	1	Washer-Curved
31	340-92	2	Fitting-HYD, Straight
31:1	237-78	1	O-Ring
31:2	237-21	1	O-Ring



Valve Assembly No. 43-1710-01

Ref.	*Part Number*	*Qty.*	*Description*
2	237-42	2	O-Ring
3	22-8330	2	Plug
4	22-8340	2	Spring
5	22-8350	2	Ball
6	22-8360	2	Pin
7	22-8370	2	Seat-Valve
8	22-8380	1	Retainer
9	22-8490	1	Ring-Snap
10	22-8480	1	Ring-Snap
11	22-8390	1	Retainer
12	22-8400	1	Spacer
13	22-8410	1	Spring
14	22-8420	1	Spool
15	22-8500	2	O-Ring

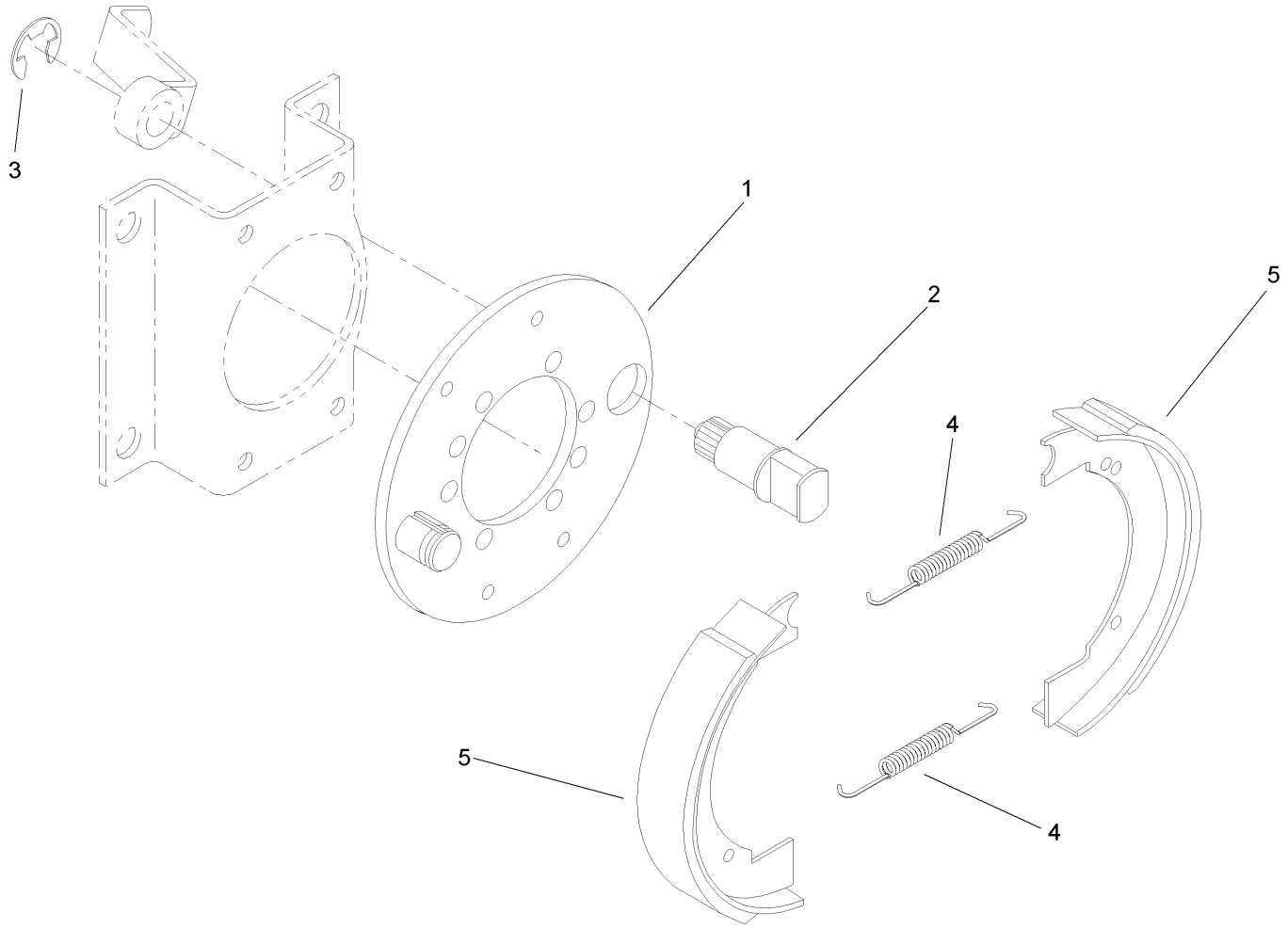


Brake Installation Assembly

Ref.	Part Number	Qty.	Description
1	17-8149	2	Wheel Hub ASM
1:1	85-6540	4	Stud-Drive
1:2	93-6838-03	1	Hub-Wheel
1:3	10-6850	1	Drum-Brake
2		2	Wheel And Tire ASM ●
2:1	232-35	1	Valve Stem And Cap ASM
2:2	85-8290	1	Tire-2Ply, Knobby
2:3	94-6116	1	Wheel-Rear
3	242-50	8	Nut-Lug
4	26-3790	2	Nut-Lock
6	325-14	8	Screw-HH
7	3253-7	8	Washer-Lock
8	3217-9	4	Nut-HH
10	104-7705	2	Brake ASM
11	84-1990	2	Rod-Adjusting
12	84-2000-03	2	Bracket-Brake
13	92-1715	8	Spacer

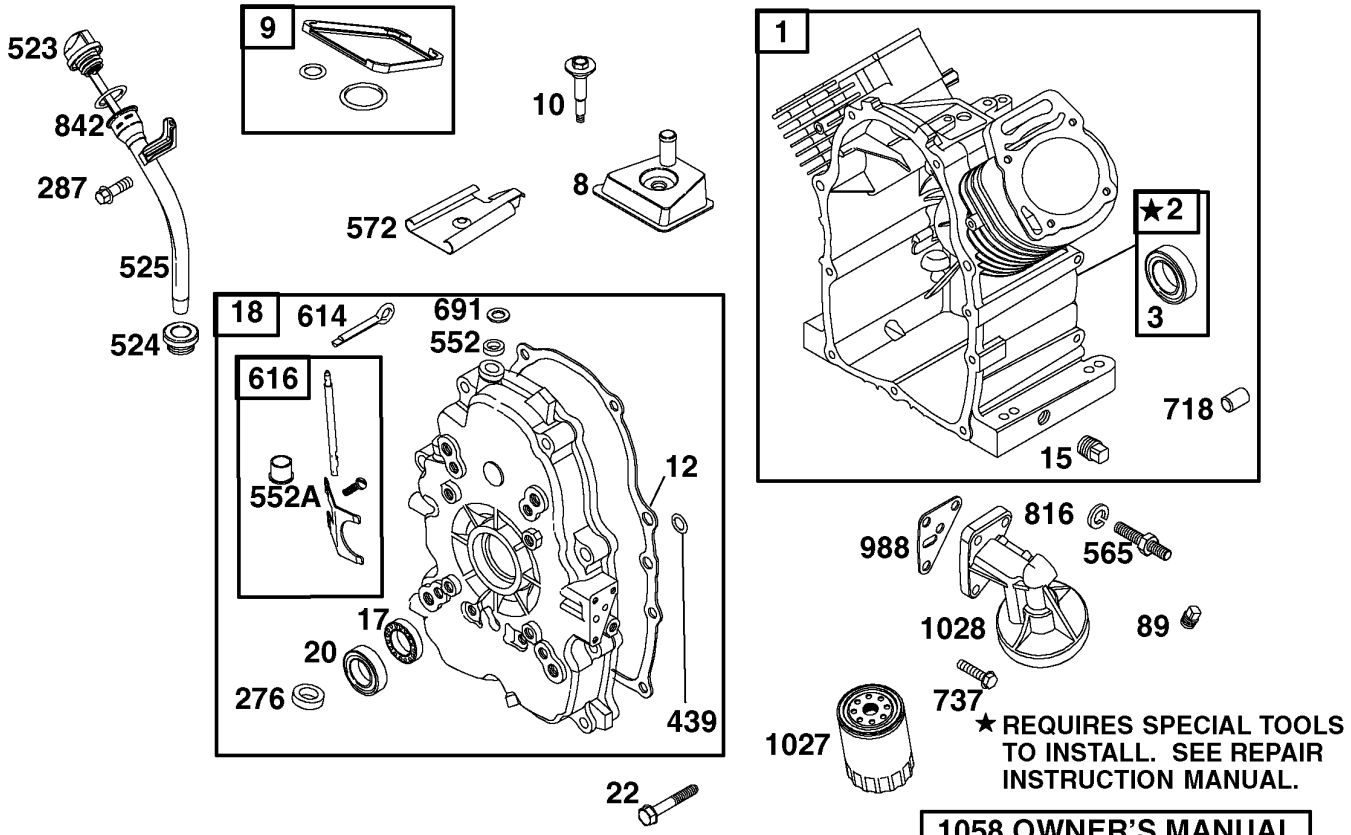
Ref.	Part Number	Qty.	Description
14	93-6850	2	Lever-Brake
15	282-2	2	Yoke
16	283-1	2	Pin-Clevis
17	321-4	8	Screw-HH
18	3220-2	2	Nut-Jam
19	3272-6	3	Pin-Cotter
20	3272-10	2	Pin-Cotter
21	3296-42	8	Nut-Lock, NI
23	32121-6	4	Pin-Roll, Slotted
24	95-0625	1	Rod-Traverse
25	95-0628	1	Rod-Brake
26	27-2320	2	Bearing
27	3296-59	4	Nut-Lock, NI
28	3256-24	4	Washer-Flat
29	3234-1	4	Screw-HHF
30	83-9310	2	RH Brake Lever ASM

● Not serviced separately



Brake Assembly No. 104-7705

Ref.	*Part Number*	*Qty.*	*Description*
1	70-9870	1	Plate-Backing
2	104-7707	1	Shaft-Cam, Brake
3	104-7706	1	E-Ring, Bowed
4	70-9880	2	Spring-Return
5	70-9840	2	Shoe-Brake



Assemblies include all parts shown in frames.

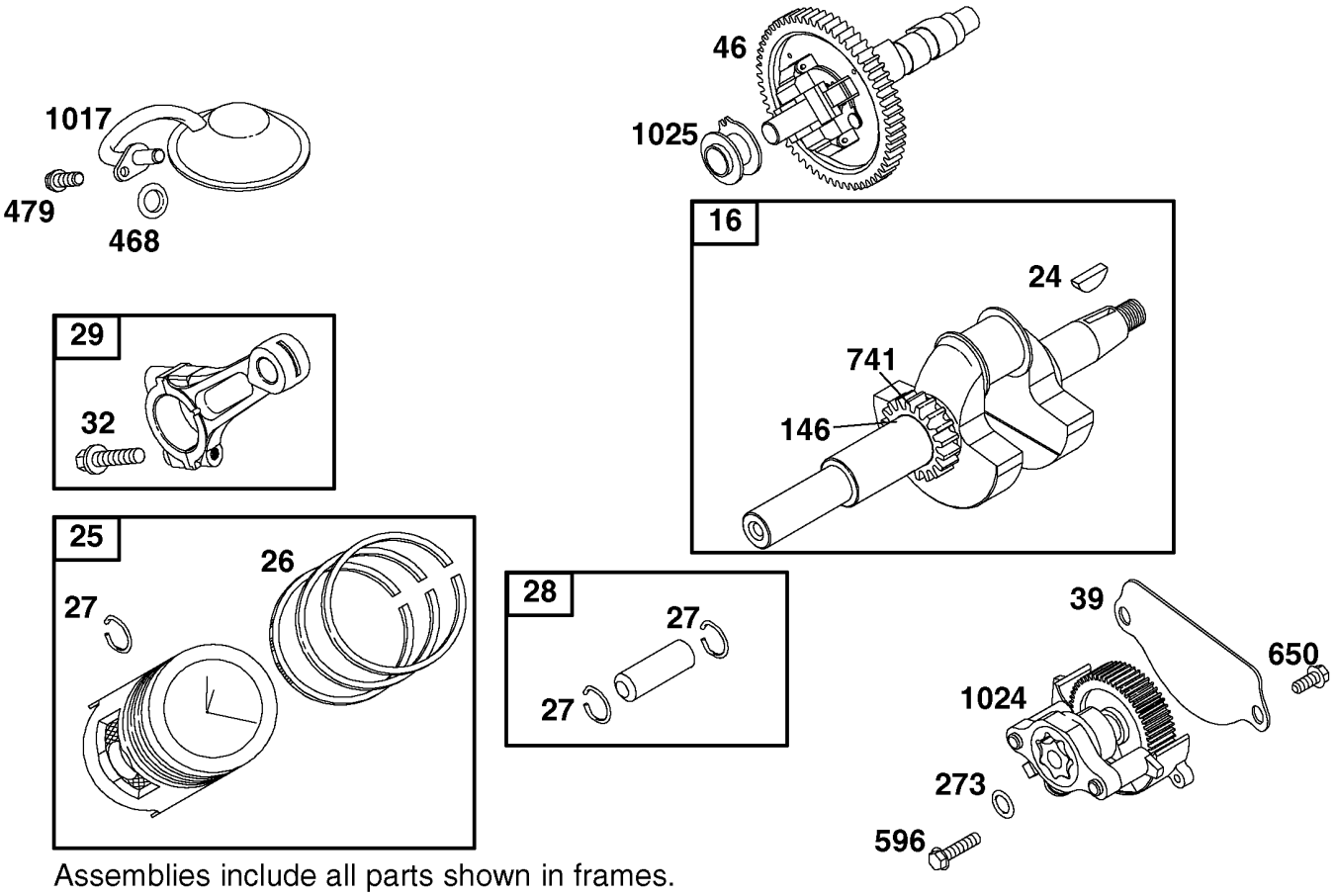
Cylinder Assembly
Briggs and Stratton 303447-1180-E1

Ref.	Part Number	Qty.	Description
1	692178	1	Cylinder ASM ●
2	808534	1	Bushing-Seal Kit ●
3	805101	1	Seal-Oil ■ ●
8	807795	1	Breather Assembly ●
9	807688	1	Gasket-Breather ■ ●
10	805751	1	Screw ●
12	806190	1	Gasket-Crankcase ●
15	805048	1	Plug-Oil Drain ●
17	690752	1	Bearing-Ball ●
18	808847	1	Cover-Crankcase ●
20	805049	1	Seal-Oil ■ ●
22	692540	1	Screw ●
89	690283	1	Plug-Oil ●
276	690704	1	Washer-Sealing ●
287	805247	1	Screw ●
439	692154	1	Seal-O Ring ●
523	807977	1	Dipstick ●

Ref.	Part Number	Qty.	Description
524	281370	1	Seal ■ ●
525	807584	1	Tube-Oil Fill ●
552	690701	1	Bushing-Crank, Governor ●
552A	806686	1	Bushing-Crank, Governor ●
565	690706	1	Washer ●
572	805197	1	Baffle-Oil ●
614	691550	1	Retainer-Shaft, Governor ●
616	806685	1	Crank-Governor ●
691	690680	1	Seal-Shaft, Governor ● ■
718	690684	1	Pin-Locating ●
737	690679	1	Screw ●
816	690706	1	Washer ●
842	805386	1	O-Ring ● ■
988	805250	1	Gasket-Adapter ● ■
1027	492932	1	Filter-Oil ●
1028	808325	1	Adapter-Oil Filter ●
1058	274272	1	Manual-Owner's ●

● Obtain parts from www.briggsandstratton.com

■ Included in Engine Gasket Set-Part No. 808390.



Assemblies include all parts shown in frames.

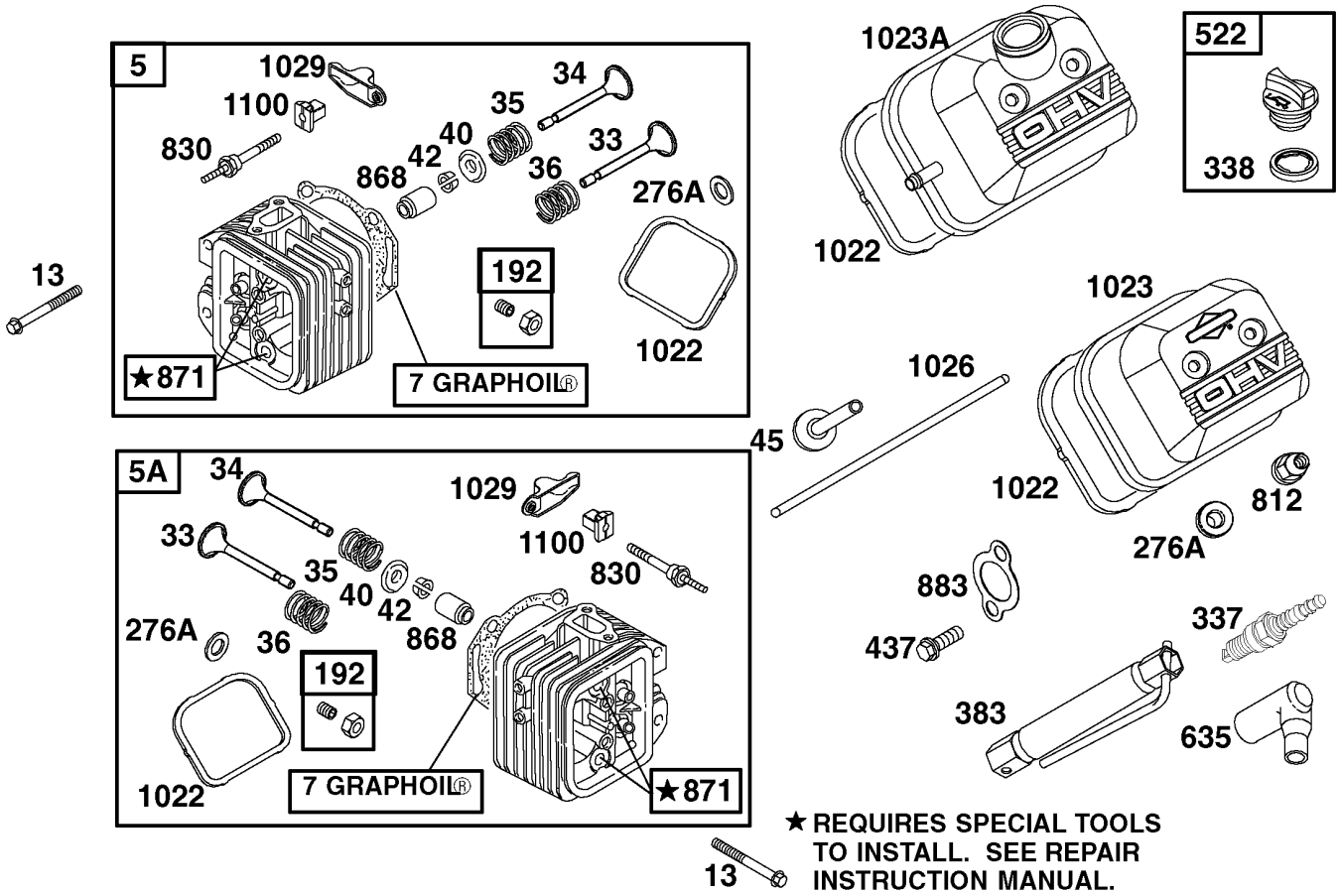
Crankshaft Assembly
Briggs and Stratton 303447-1180-E1

Ref.	Part Number	Qty.	Description
16	692168	1	Crankshaft ●
24	806066	1	Key-Flywheel ●
25	807619	1	Piston ASM (Standard) ●
	807807	1	Piston ASM (.010 Oversize) ●
	807809	1	Piston ASM (.020 Oversize) ●
	807811	1	Piston ASM (.030 Oversize) ●
26	807620	1	Ring Set (Standard) ●
	807808	1	Ring Set (.010 Oversize) ●
	807810	1	Ring Set (.020 Oversize) ●
	807812	1	Ring Set (.030 Oversize) ●
27	690683	1	Lock-Pin, Piston ●
28	807621	1	Pin-Piston ●
29	807900	1	Rod-Connecting (Standard) ●

Ref.	Part Number	Qty.	Description
	807809	1	Piston ASM (.020 Oversize) ●
32	690698	1	Screw ●
39	690745	1	Deflector-Oil ●
46	691557	1	Camshaft ●
146	94196	1	Key-Timing ●
273	690681	1	Seal-O Ring ■ ●
468	690690	1	Seal-O Ring ■ ●
479	692537	1	Screw ●
596	691492	1	Screw ●
650	692539	1	Screw ●
741	691530	1	Gear-Timing ●
1017	690900	1	Screen-Pump, Oil ●
1024	693185	1	Pump-Oil ●
1025	690689	1	Spool-Governor ●

● Obtain parts from www.briggsandstratton.com

■ Included in Engine Gasket Set-Part No. 808390.



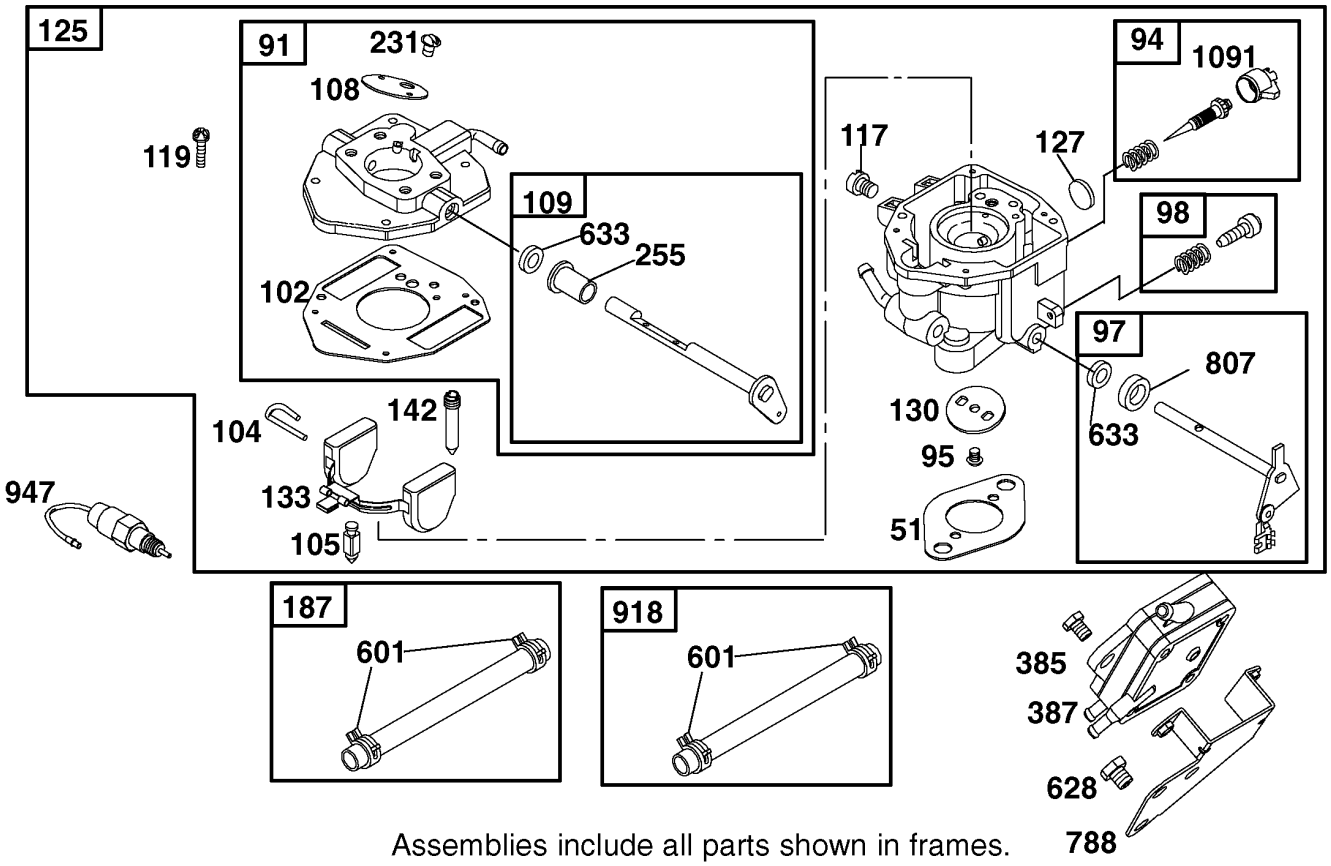
Assemblies include all parts shown in frames.

Crankcase Assembly
Briggs and Stratton 303447-1180-E1

Ref.	Part Number	Qty.	Description
5	808381	1	Head-Cylinder (Cylinder No. 1) ●
5A	808382	1	Head-Cylinder (Cylinder No. 2) ●
7	806085	1	Gasket-Head, Cylinder ▲■●
13	805097	1	Screw-HH ●
33	807681	1	Valve-Exhaust ●
34	807680	1	Valve-Intake ●
35	805937	1	Spring-Valve ●
36	805937	1	Spring-Valve ●
40	805092	1	Retainer-Valve ●
42	807683	1	Keeper-Valve ●
45	262679	1	Tappet-Valve ●
192	807623	1	Adjuster-Arm, Rocker ●
276A	805420	1	Washer ▲■●
337	496018	1	Spark Plug ●
338	691312	1	Seal-O Ring ▲■●

Ref.	Part Number	Qty.	Description
383	19374	1	Wrench-Spark Plug ●
522	491832	1	Plug-Fill, Dipstick ●
437	805158	1	Screw ●
635	805529	1	Boot-Spark Plug ●
812	805019	1	Nut-Lock ●
830	691544	1	Stud-Rocker Arm ●
868	805094	1	Seal-Valve ●
871	805084	1	Guide-Valve ●
883	805024	1	Gasket-Exhaust ●▲■
1022	806039	1	Gasket-Cover, Rocker ●▲■
1023	691494	1	Cover-Valve ●
1023A	690910	1	Cover-Valve ●
1026	805352	1	Rod-Push ●
	805617	1	Rod-Push (Aluminum-Exhaust) ●
1029	691543	1	Arm-Rocker ●
1100	690973	1	Pivot-Arm, Rocker ●

● Obtain parts from www.briggsandstratton.com
▲ Included in Engine Gasket Set-Part No. 808390.
■ Included in Valve Gasket Set-Part No. 808392.



Assemblies include all parts shown in frames.

Carburetor Assembly
Briggs and Stratton 303447-1180-E1

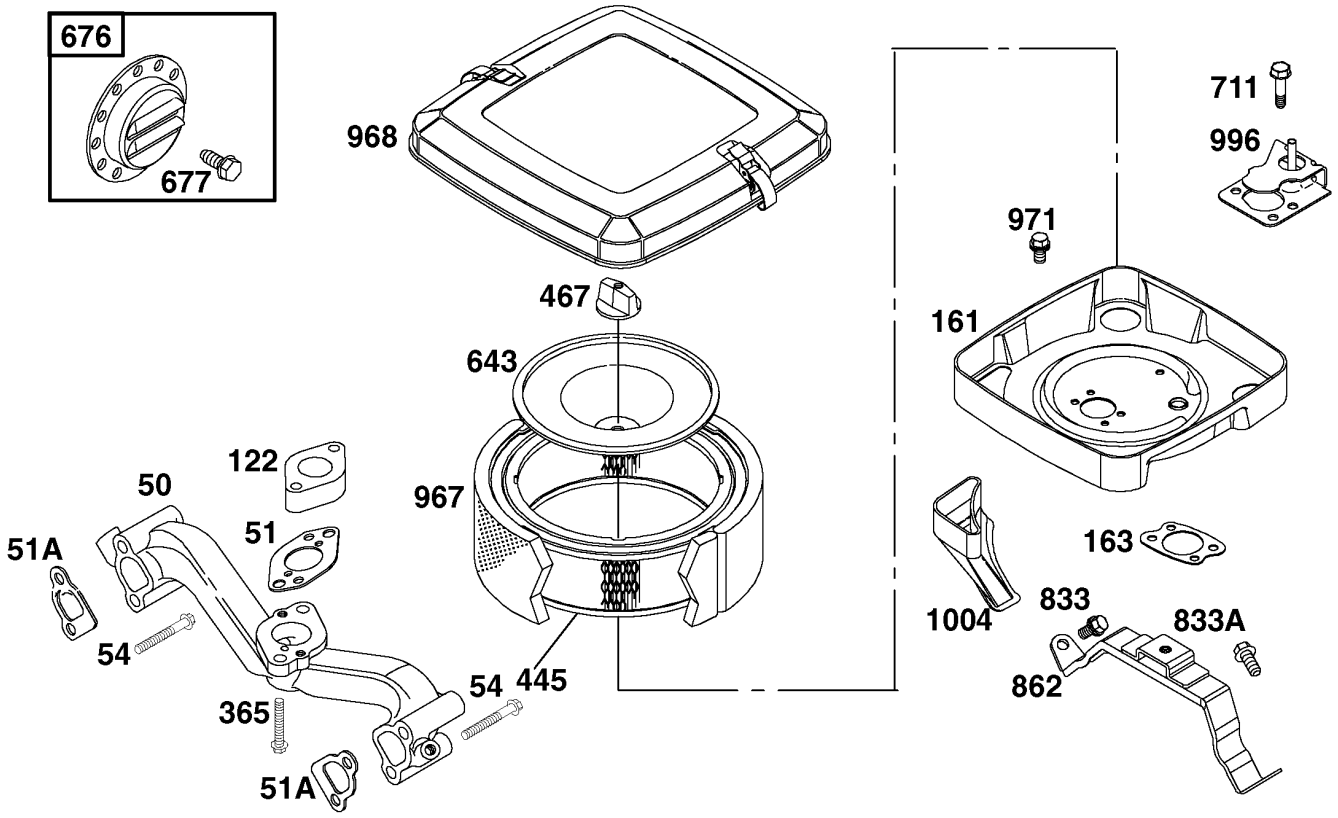
Ref.	Part Number	Qty.	Description
51	805700	1	Gasket-Intake ■●
91	807919	1	Body-Carburetor, Upper ●
94	808257	1	Idle Mixture Kit ▲●
95	690718	1	Screw ●
97	807720	1	Shaft-Throttle ●
98	808177	1	Idle Speed Kit ●
102	805541	1	Gasket-Intake Elbow ▲●
104	690723	1	Pin-Hinge, Float ▲●
105	805547	1	Valve-Needle ▲●
108	690719	1	Valve-Choke ●
109	807722	1	Shaft-Choke ●
117	690861	1	Jet-Main ●
	805537	1	Jet-Main (High Altitude) ●
119	690720	1	Screw ●
125	808251	1	Carburetor Assembly ●
127	690727	1	Plug-Welch ●▲
130	690726	1	Valve-Throttle ●

Ref.	Part Number	Qty.	Description
133	691510	1	Float-Carburetor ●
142	690725	1	Nozzle-Carburetor ●▲
187	296004	1	Fuel-Hose ●
231	690718	1	Screw ●
255	690721	1	Bushing-Shaft, Choke ●▲
385	692537	1	Screw ●
387	491922	1	Pump-Fuel ●
601	93053	1	Clamp-Hose ●
628	805025	1	Screw ●
633	690722	1	Seal-Shaft, Choke Throttle ●▲
788	691559	1	Bracket-Pump, Fuel ●
807	805557	1	Collar-Throttle ●▲
918	393815	1	Line-Vacuum ●
947	807664	1	Solenoid ●
1091	691516	1	Cap-Limiter ●▲

● Obtain parts from www.briggsandstratton.com

▲ Included in Carburetor Overhaul Kit-Part No. 808273.

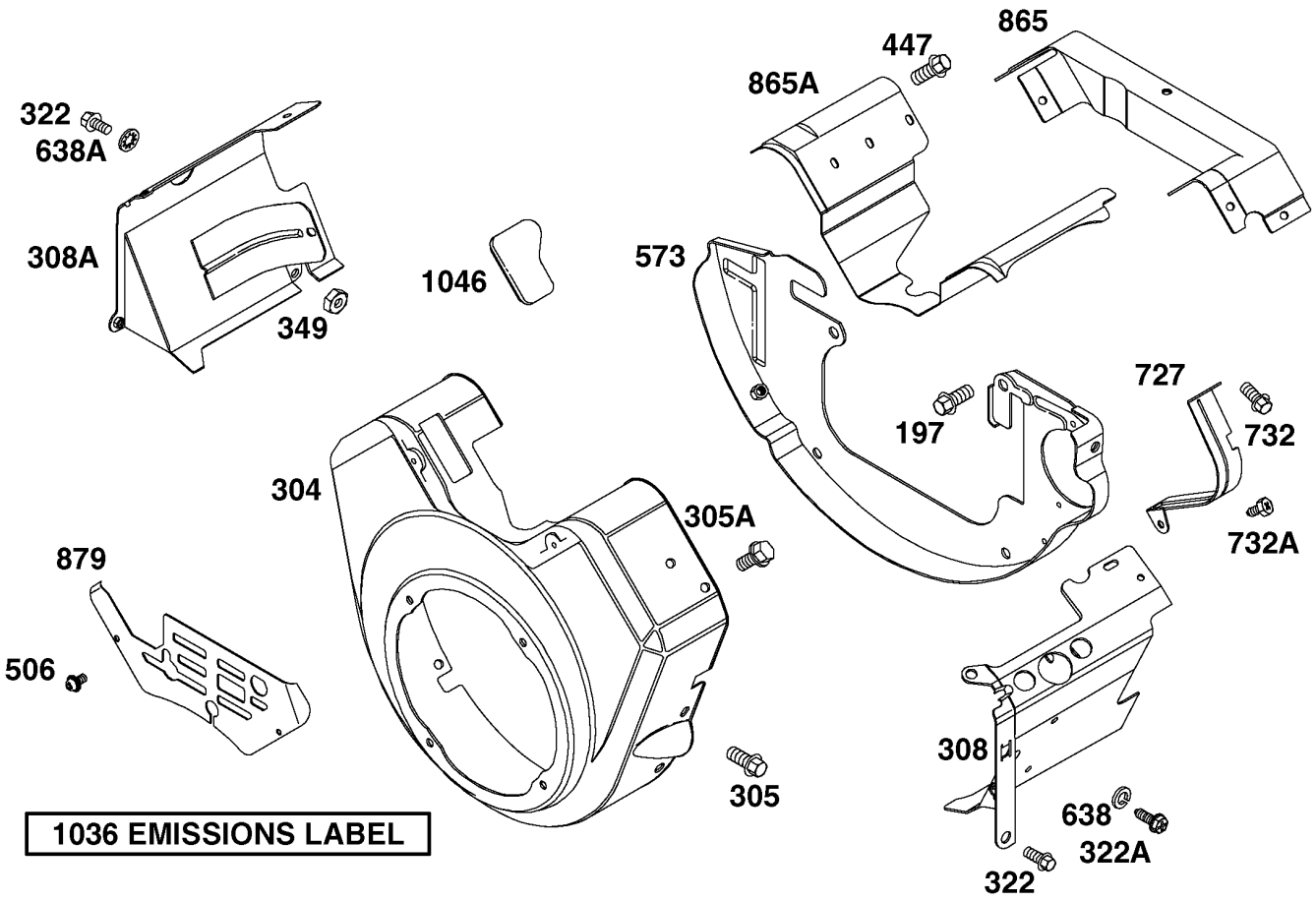
■ Included in Engine Gasket Set-Part No. 808390.



Air Cleaner Assembly
Briggs and Stratton 303447-1180-E1

Ref.	*Part Number*	*Qty.*	*Description*
50	690754	1	Manifold-Intake ●
51	805700	1	Gasket-Intake ▲ ●
51A	805023	1	Gasket-Intake ▲ ■ ●
54	690676	1	Screw ●
122	690691	1	Spacer-Carburetor ●
161	691561	1	Base-Cleaner, Air ●
163	805655	1	Gasket-Carburetor ▲ ●
365	690711	1	Screw ●
445	394018	1	Filter-Air ●
467	491875	1	Knob ●
643	805631	1	Plate-Element ●
676	397630	1	Deflector-Exhaust ●
677	94896	1	Screw ●
711	691492	1	Screw ●
833	692539	1	Screw ●
833A	690872	1	Screw ●
862	692153	1	Strap-Stud Mounting, Air Cleaner ●
967	272490	1	Filter-Air ●
968	807862	1	Cover-Air Cleaner ●
971	692539	1	Screw ●
996	691577	1	Shield-Carburetor ●
1004	690743	1	Strap-Cleaner Mounting ●

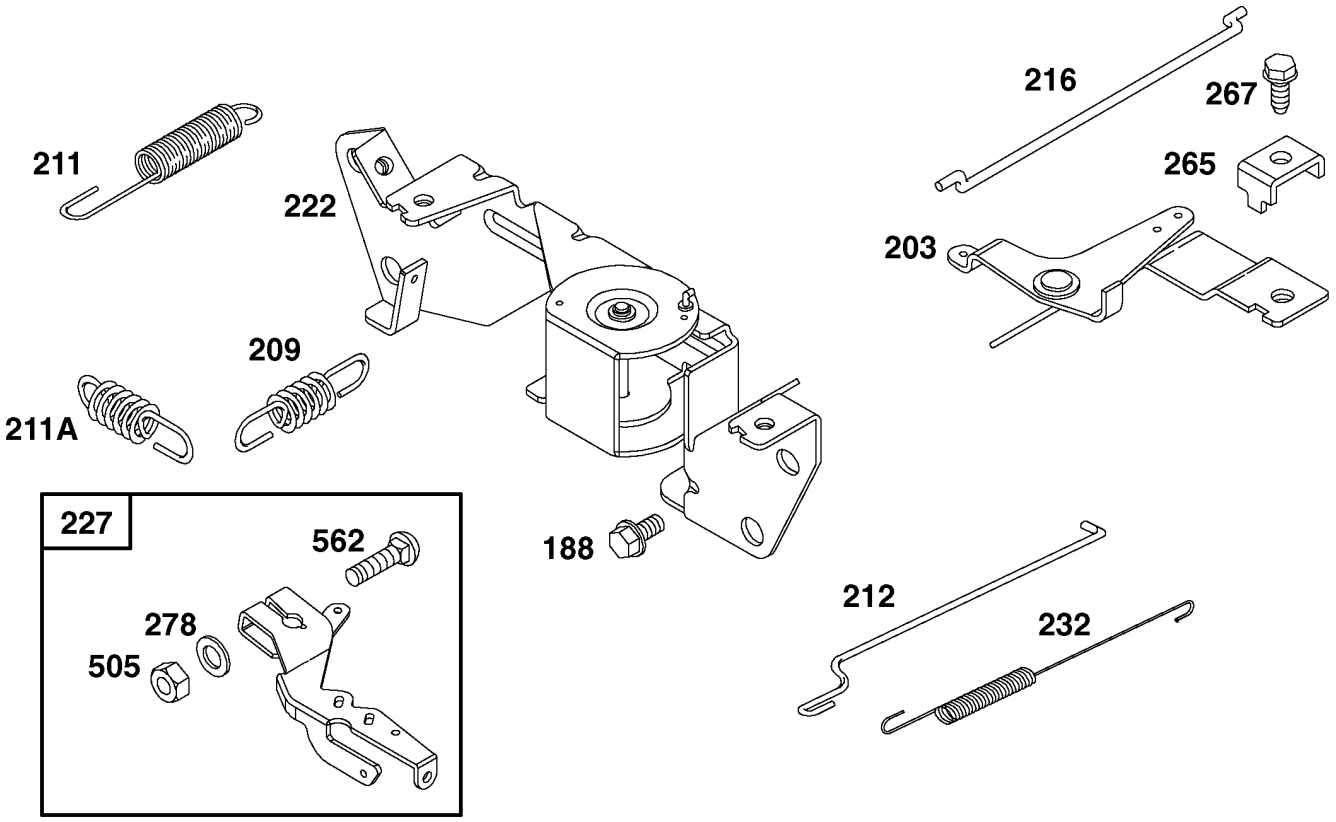
● Obtain parts from www.briggsandstratton.com
▲ Included in Engine Gasket Set-Part No. 808390.
■ Included in Valve Gasket Set-Part No. 808392.



Blower Housing Assembly
Briggs and Stratton 303447-1180-E1

Ref.	*Part Number*	*Qty.*	*Description*
197	692539	1	Screw ●
304	808408	1	Housing-Blower ●
305	692539	1	Screw ●
305A	805025	1	Screw ●
308	691576	1	Cover-Cylinder Head (Cylinder No.1) ●
308A	691563	1	Cover-Cylinder Head (Cylinder No.2) ●
322	692539	1	Screw ●
322A	805448	1	Screw ●
349	690238	1	Nut ●
447	692539	1	Screw ●
506	690617	1	Screw (Carburetor Cover) ●
573	807663	1	Plate-Back ●
638	690706	1	Washer ●
638A	691551	1	Washer ●
727	690714	1	Shield-Starter ●
732	692539	1	Screw ●
732A	690688	1	Screw ●
865	690901	1	Cover-Air Guide ●
865A	690750	1	Cover-Guide, Air ●
879	690757	1	Cover-Carburetor ●
1036	806687	1	Decal-Emission ●
1046	805753	1	Plug-Blower Housing ●

● Obtain parts from www.briggsandstratton.com

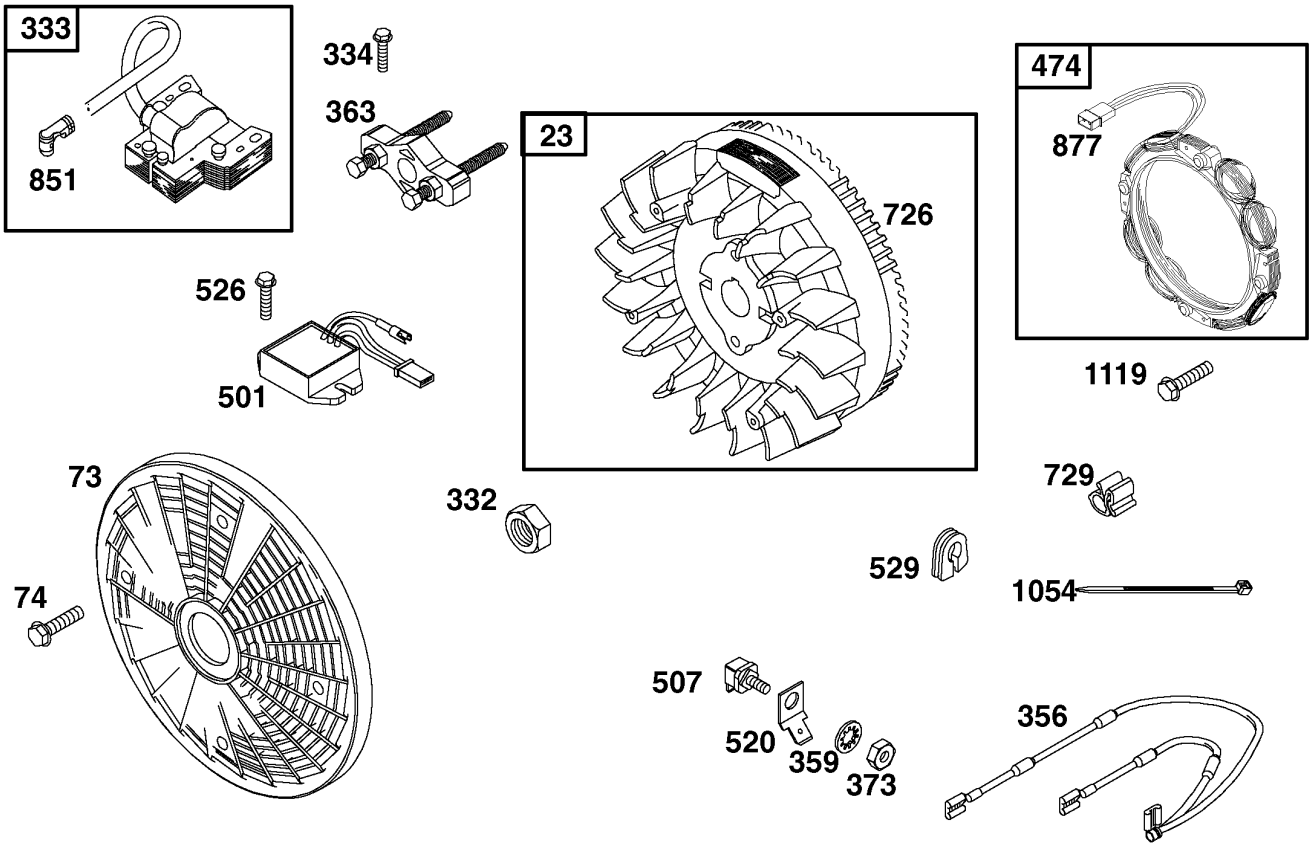


Assemblies include all parts shown in frames.

Governor Assembly
Briggs and Stratton 303447-1180-E1

Ref.	*Part Number*	*Qty.*	*Description*
188	805025	1	Screw ●
203	690923	1	Crank-Bell ●
209	691508	1	Spring-Governor ●
211	805450	1	Spring-Governor ●
211A	805453	1	Spring-Governor ●
212	690712	1	Link-Throttle ●
216	690705	1	Link-Choke ●
222	808454	1	Bracket-Control ●
227	690236	1	Lever-Control, Governor ●
232	805465	1	Spring-Link ●
265	221535	1	Clamp-Casing ●
267	805762	1	Screw-HH ●
278	690237	1	Washer ●
505	690238	1	Nut ●
562	690239	1	Bolt ●

● Obtain parts from www.briggsandstratton.com

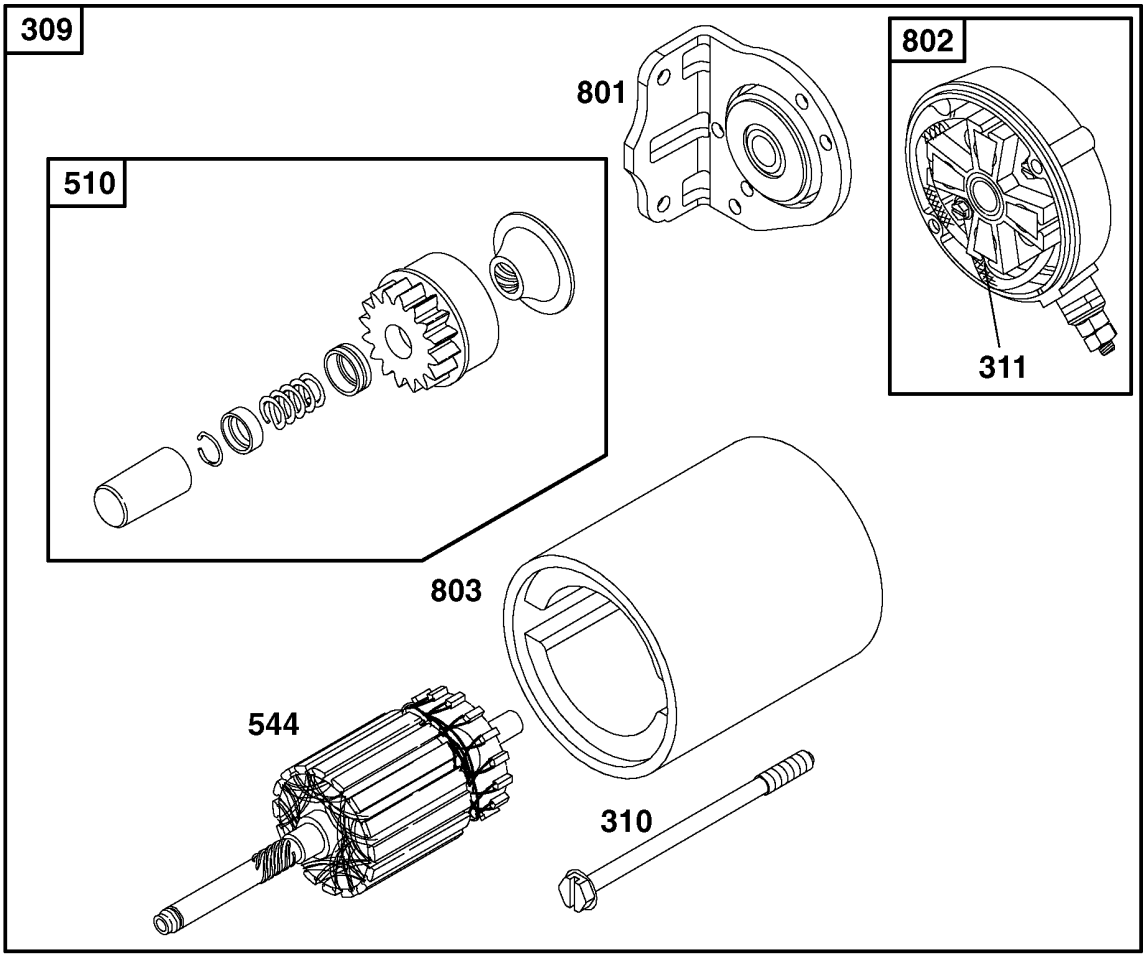


Assemblies include all parts shown in frames.

Flywheel Assembly
Briggs and Stratton 303447-1180-E1

Ref.	*Part Number*	*Qty.*	*Description*
23	690919	1	Flywheel ●
73	494439	1	Screen-Rotating ●
74	805447	1	Screw ●
332	690887	1	Nut ●
333	49234	1	Armature-Magneto ●
334	805407	1	Screw-HH ●
356	493792	1	Wire-Stop ●
359	691077	1	Washer ●
363	19203	1	Puller-Flywheel ●
373	90576	1	Nut ●
474	393295	1	Alternator ●
501	394890	1	Regulator ●
507	398525	1	Insulator ●
520	691084	1	Terminal-Ground ●
526	805448	1	Screw ●
529	690744	1	Grommet ●
726	808162	1	Ring Gear (Includes Mounting Hardware). ●
729	690586	1	Clip-Wire ●
851	493880	1	Terminal-Spark Plug ●
877	393537	1	Connector-Wire, Tri Circuit ●
1054	280275	1	Tie-Cable ●
1119	805407	12	Screw-HH ●

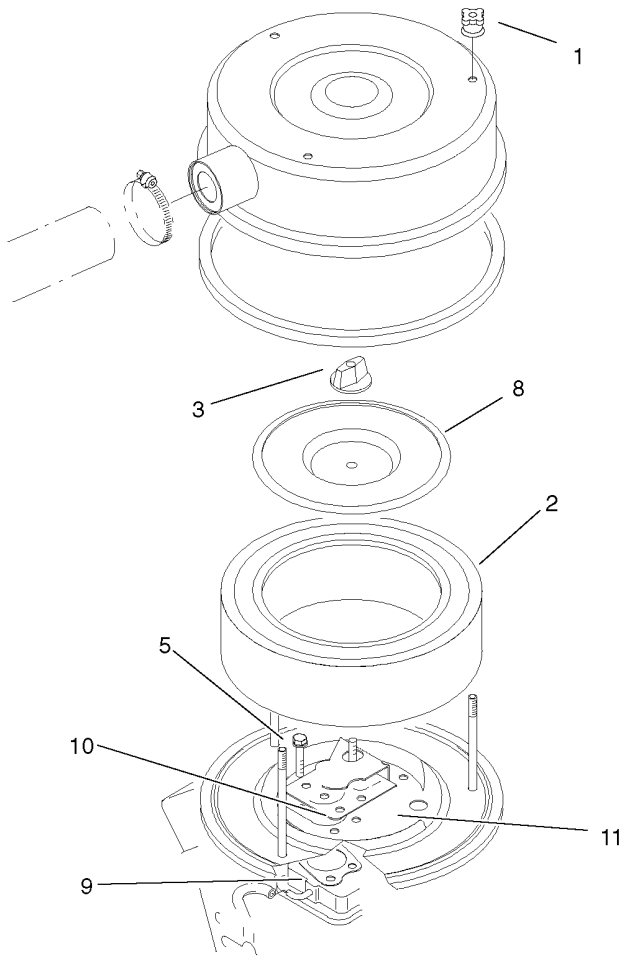
● Obtain parts from www.briggsandstratton.com



Starter Assembly
Briggs and Stratton 303447-1180-E1

Ref.	*Part Number*	*Qty.*	*Description*
309	691564	1	Motor-Starter ●
310	496880	1	Bolt-Thru ●
311	496887	1	Brush Set ●
510	496881	1	Drive-Starter ●
544	690855	1	Armature-Starter ●
697	805247	1	Screw ●
801	496814	1	Cap-Drive ●
802	496813	1	Cap-End ●
803	690854	1	Housing-Starter ●

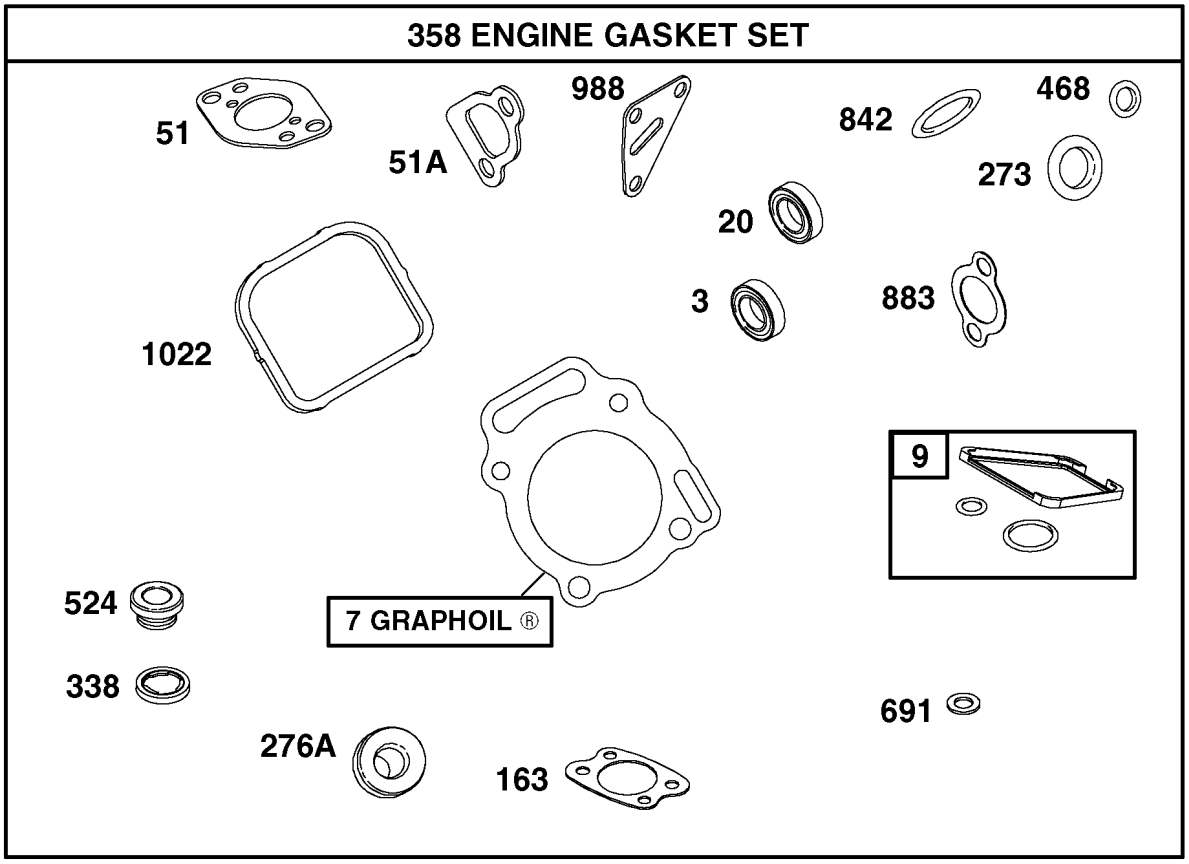
● Obtain parts from www.briggsandstratton.com



Engine Parts Kit
Briggs and Stratton 303447-1180-E1

Ref.	*Part Number*	*Qty.*	*Description*
1	281051	3	Nut ●
2	394018	1	Filter-Air ●
3	491875	1	Knob ●
5	805317	5	Screw-Hfh ●
8	805631	1	Plate-Element ●
9	805655	1	Gasket-Carburetor ●
10	808311	1	Shield-Carburetor ●
11	805783	1	Hose-Breather ●

● Obtain parts from www.briggsandstratton.com

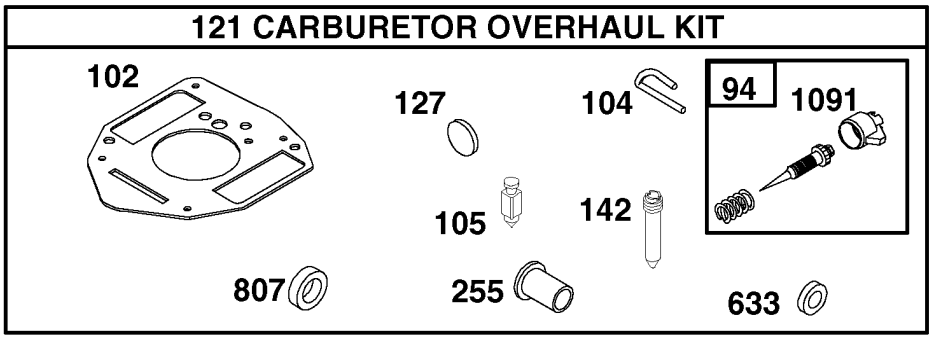


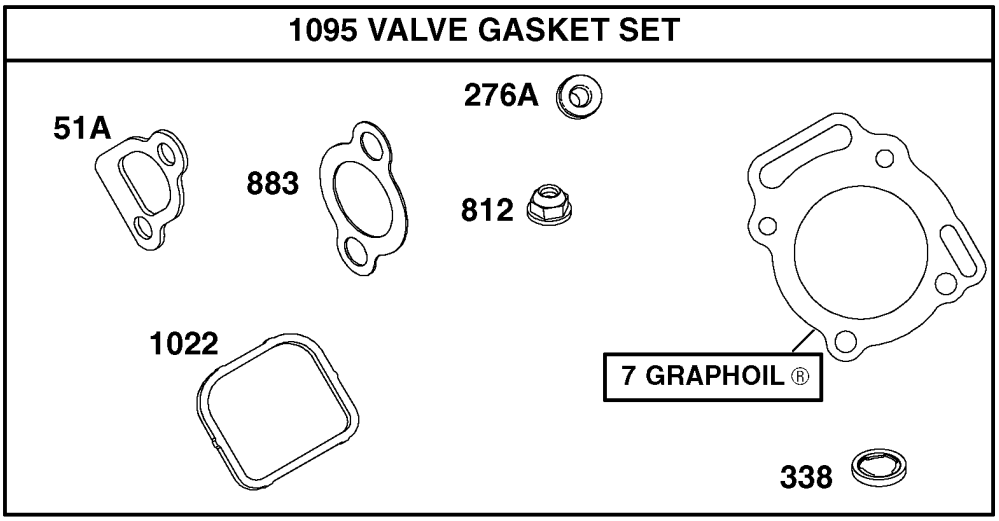
Assemblies include all parts shown in frames.

Gasket Kit
Briggs and Stratton 303447-1180-E1

Ref.	*Part Number*	*Qty.*	*Description*
3	805101	1	Seal-Oil ▲●
7	806085	1	Gasket-Head, Cylinder ▲■●
9	807688	1	Gasket-Breather ▲●
20	805049	1	Seal-Oil ●▲
51	805700	1	Gasket-Intake ●▲
51A	805023	1	Gasket-Intake ●▲■
163	805655	1	Gasket-Carburetor ●▲
273	690681	1	Seal-O Ring ●▲
276A	805420	1	Washer ●▲■
338	271983	1	Seal-Filler Plug ●▲■
358	808390	1	Engine Gasket Set ●
468	690690	1	Seal-O Ring ●▲
524	281370	1	Seal ●▲
691	690680	1	Seal-Shaft, Governor ●▲
842	805386	1	O-Ring ●▲
883	805024	1	Gasket-Exhaust ●▲■
988	805250	1	Gasket-Adapter ●▲
1022	806039	1	Gasket-Cover, Rocker ●▲■

● Obtain parts from www.briggsandstratton.com
▲ Included in Engine Gasket Set-Part No. 808390.
■ Included in Valve Gasket Set-Part No 808392.





Assemblies include all parts shown in frames.

Carburetor Overhaul Kit Assembly Briggs and Stratton 303447-1180-E1

Ref.	*Part Number*	*Qty.*	*Description*
7	806085	1	Gasket-Head, Cylinder ▲■●
51A	805023	1	Gasket-Intake ▲■●
94	808257	1	Idle Mixture Kit ◆●
102	805541	1	Gasket-Intake Elbow ●◆
104	690723	1	Pin-Hinge, Float ●◆
105	805547	1	Valve-Needle ●◆
121	808273	1	Carburetor Kit ●
127	690727	1	Plug-Welch ●◆
142	690725	1	Nozzle-Carburetor ●◆
255	690721	1	Bushing-Shaft, Choke ●◆
276A	805420	1	Washer ●▲■
338	691312	1	Seal-O Ring ●▲■
633	690744	1	Grommet ●◆
807	805557	1	Collar-Throttle ●◆
812	805019	1	Nut-Lock ●◆
883	805024	1	Gasket-Exhaust ●▲■
1022	806039	1	Gasket-Cover, Rocker ●▲■
1091	691516	1	Cap-Limiter ●◆
1095	808392	1	Valve Gasket Set ●

● Obtain parts from www.briggsandstratton.com
▲ Included in Engine Gasket Set-Part No. 808390.
◆ Included in Carburetor Overhaul Kit-Part No. 808273.
■ Included in Valve Gasket Set-Part No. 808392.

Attachments and Accessories

For 08884 Sand Pro 2020

Product Name	Model/Part
Rake-Tooth	08812
Rake-Spring	08813
Mounting Kit	08814
Weeder / Cultivator	08815
Front Blade Kit	08821
Drag Mat Kit	08850
Spiker	08856
Cyclone 1000 Debris Blower	08857
Debris Blower Installation Kit	08858
Chute-Discharge	08860
Finish Grader	08867
Lever-Pump Kit	107-3516
Seat Kit	30797
Sand Blade 240	44900
Bar-Draw	92-2330
Plate-Adapter, Seat	92-7171
Screen-Arrestor, Spark	95-5819
CE Update Kit	95-5832

Notes:

Notes:



Count on it.