Form Number 3350-167 Rev B

18-44ZX TimeCutter™ ZX Riding Mower

Model No. 74602 - 240000001 and up.

Parts Catalog

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 illustrations and in part 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.

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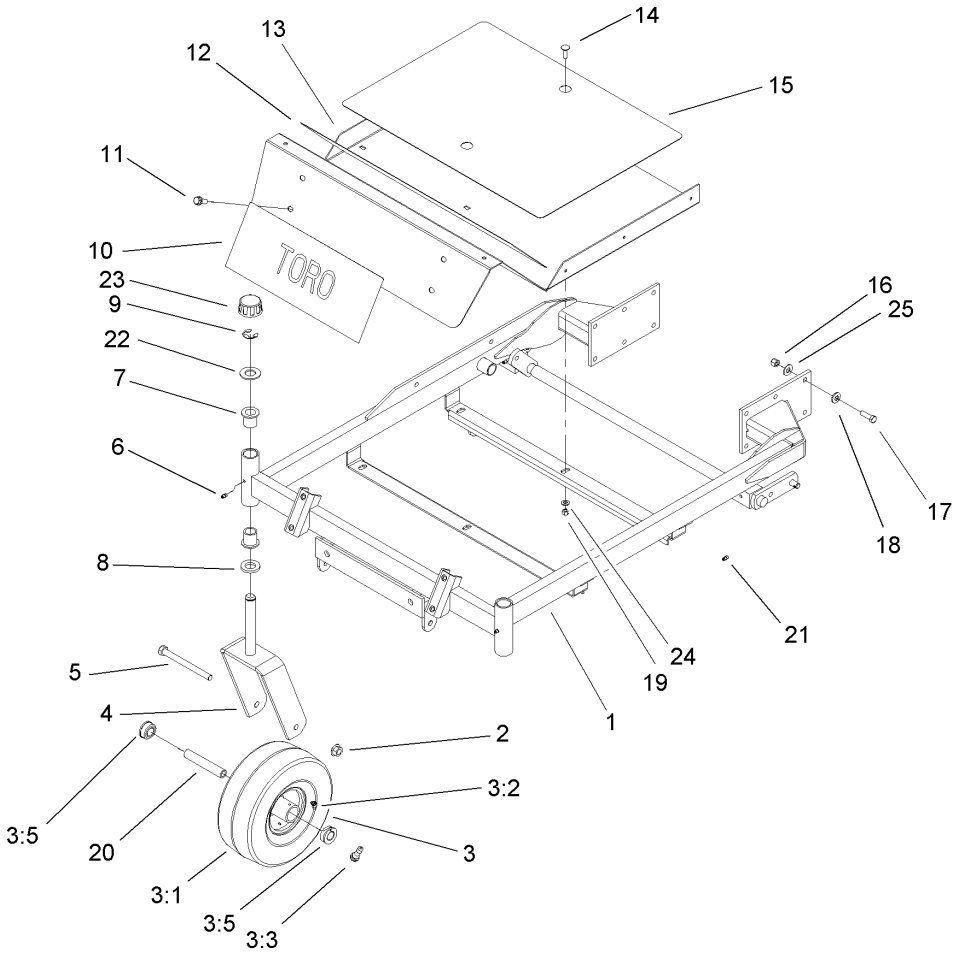
Part Description Abbreviations

Part descriptions in this catalog may include the following abbreviations.

AR. . . . . as required
ASM. . . . . assembly
BBC. . . . . blade brake clutch
CARR. . . . . carriage
DEG. . . . . degrees
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
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
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

Footnotes

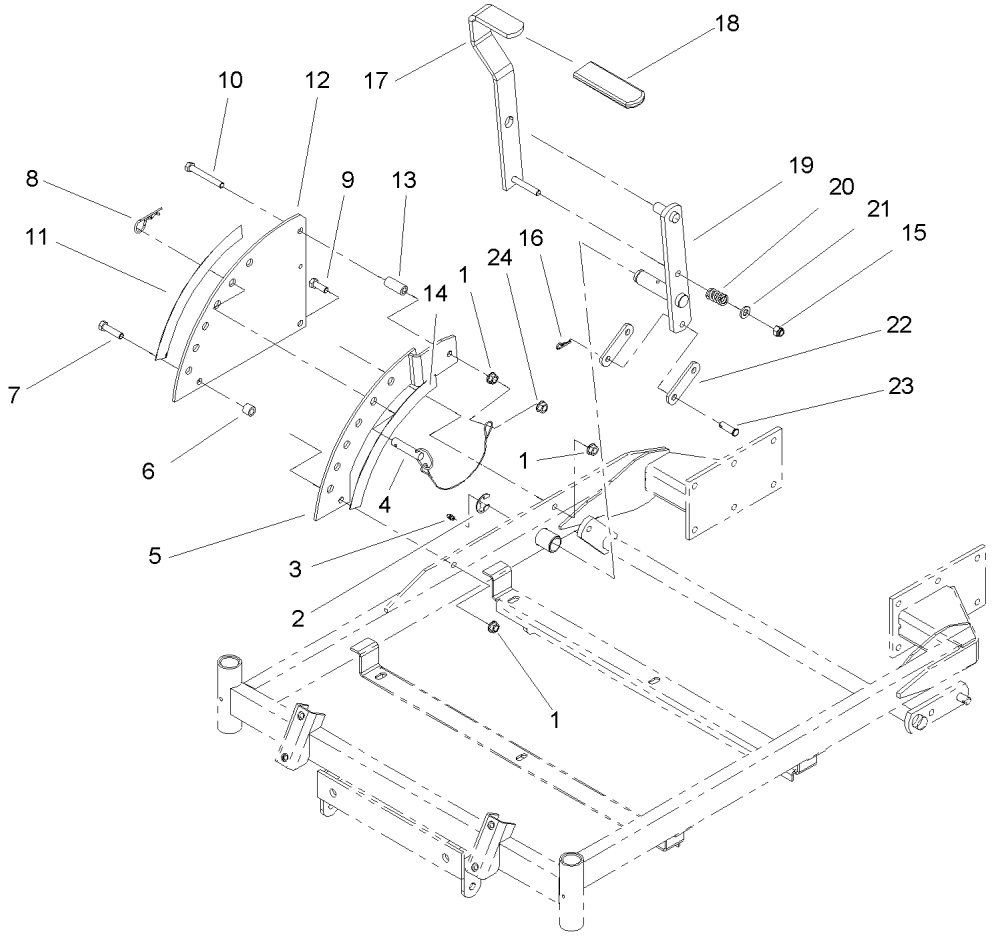
❶ Not illustrated
❷ Not serviced separately
❸ Included in Gasket Set-Ref. 358.
❹ Included in Valve Gasket Set-Ref. 1095.
❺ Included in Carburetor Overhaul Kit-Ref. 121.
❻ Included in Carburetor Gasket Set-Ref. 977.
❼ Obtain from your local Briggs & Stratton dealer



Front Frame Assembly

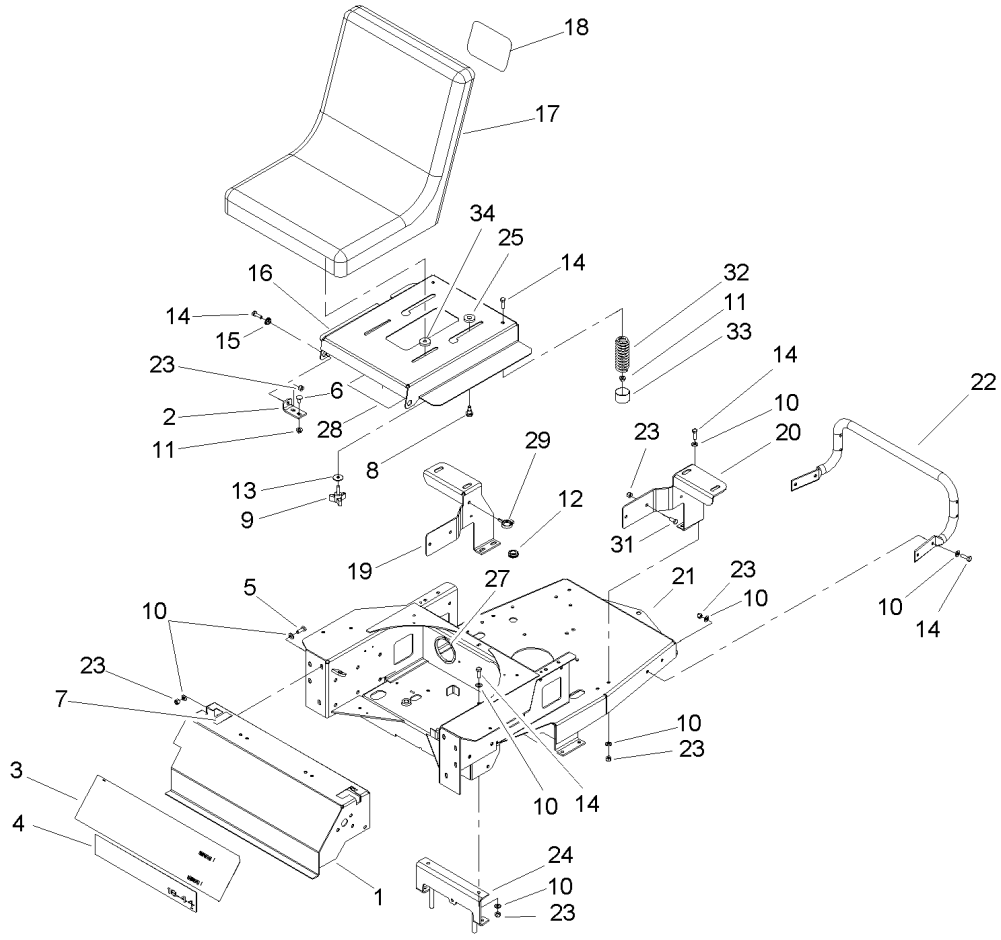
Ref	Part No.	Qty.	Description
1	100-7357-01	1	Carrier Frame ASM
2	32128-23	2	Nut-HF
3	105-3471	2	Front Wheel And Tire ASM
3:1	105-1943	1	Tire
3:2	302-11	1	Fitting-Lube, 45 DEG
3:3	232-27	1	Stem-Valve
3:5	114-1640	2	Bushing-Flange
❶3:99	93-4244	1	Tube-Inner (W/Valve)
4	100-7363-01	2	Caster Fork ASM
5	325-22	2	Screw-HH
6	302-5	2	Fitting-Grease
7	1-303514	4	Bearing-Flanged
8	1-513338	2	Washer-Flat
9	32151-103	2	Ring-Snap
10	67-7320	1	Decal
11	66-9300	4	Screw-HF
12	104-3639	1	Pad-Skid, Anti
13	100-7386-03	1	Floorpan
14	3230-28	6	Screw-CARR
15	104-3640	1	Pad-Skid, Anti
16	3296-39	12	Nut-Lock, NI
17	323-7	12	Screw-HH
18	98-5975	12	Washer-Belleville
19	3296-29	6	Nut-Lock, NI

Ref	Part No.	Qty.	Description
20	104-3667	2	Spanner-Wheel
21	302-19	2	Fitting-Grease
22	104-8076	2	Washer
23	61-9780	2	Cap-Hub
24	3256-23	6	Washer-Flat
25	1-809107	12	Washer-Hardened



Height-of-Cut Handle and Plate Assembly

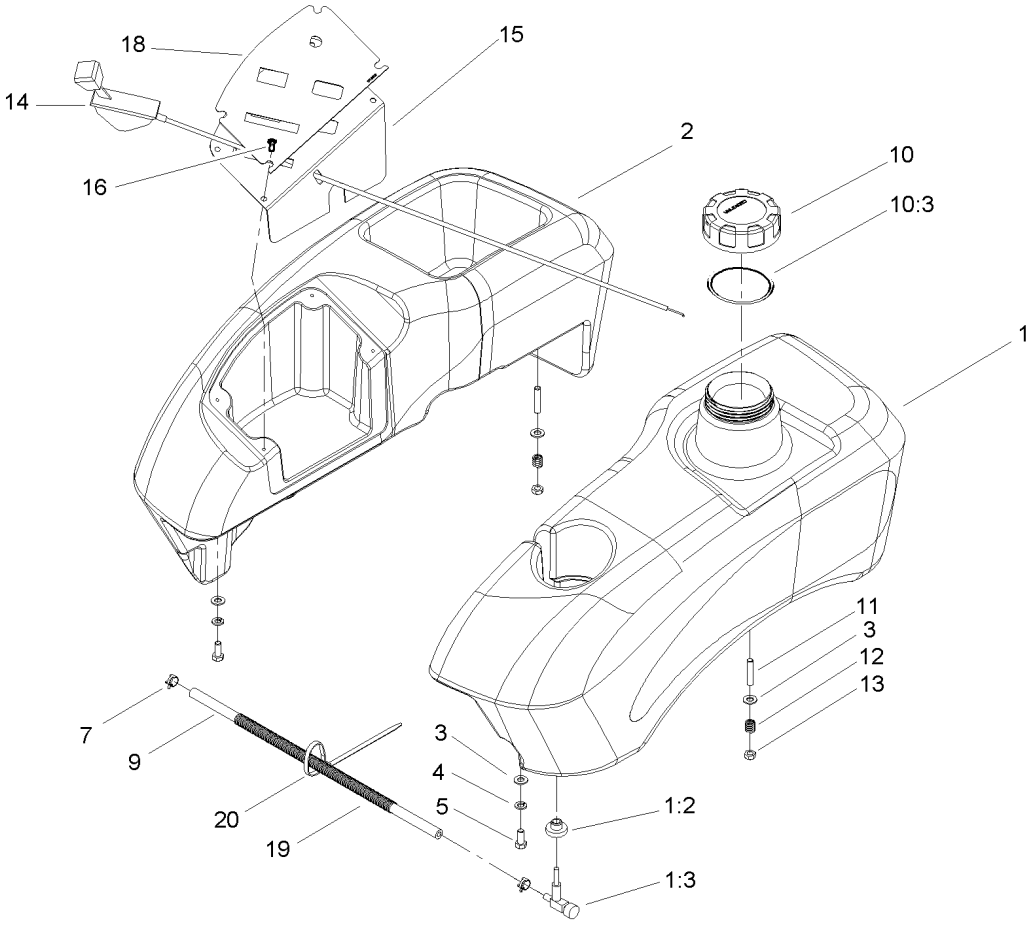
Ref	Part No.	Qty.	Description
1	3290-357	3	Nut-HHF, Whiz
2	32151-103	1	Ring-Snap
3	302-5	1	Fitting-Grease
4	104-3678	1	Pin-Hitch
5	100-7335-01	1	Plate-Lift
6	1-413088	1	Bushing-Lever, Lift
7	323-8	1	Screw-HH
8	1-806005	1	Pin-Hair
9	323-6	1	Screw-HH
10	323-13	1	Screw-HH
11	104-3641	1	Decal-Deck Height, Outer
12	100-7384-01	1	Plate-Deck Lift
13	1-633082	1	Bushing-Lever, Lift
14	104-8032	1	Decal-Deck Height, Inner
15	3296-39	1	Nut-Lock, NI
16	1-806003	2	Pin-Hair
17	1-652023-03	1	Lever-Lift
18	1-633295	1	Grip-Lever, Lift
19	1-652027-03	1	Arm-Deck, Lift
20	1-633325	1	Spring-Compression
21	3256-24	1	Washer-Flat
22	1-633068	2	Arm-Lift, Deck
23	283-2	2	Pin-Clevis
24	32128-21	1	Nut-HF



Main Frame Assembly

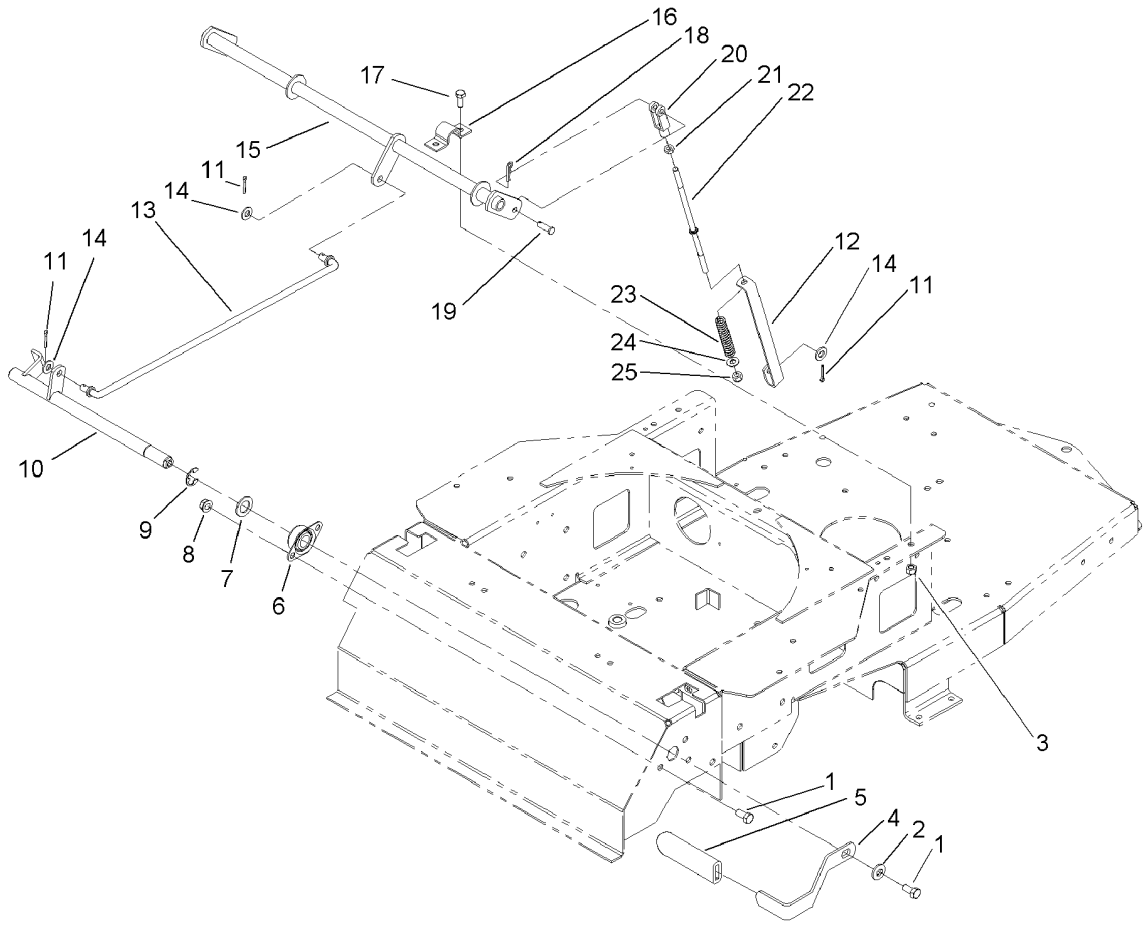
Ref	Part No.	Qty.	Description
1	104-8040-03	1	Console
2	104-8057-03	2	Bracket-Pivot
3	107-2481	1	Decal-Danger
4	107-2528	1	Decal-Timecutter
5	322-4	6	Screw-HH
6	104-8049	4	Screw-CARR
7	1-633354	2	Decal-Control, Motion
8	92-6986	2	Bolt-Shoulder
9	106-2240	2	Knob
10	3256-23	32	Washer-Flat
11	32128-25	6	Nut-HF
12	237-124	1	Grommet
13	5-4460	2	Washer-Pivot
14	322-5	14	Screw-HH
15	105503	2	Bushing
16	104-8058-03	1	Pan-Seat
17	106-2221	1	Seat
18	93-7340	1	Decal
19	100-7376-01	1	Bracket-RH
20	100-7368-01	1	Bracket-LH
21	107-2549-01	1	Frame-Rear
22	100-7332-03	1	Rod-Support, Rear
23	3296-29	22	Nut-Lock, NI
24	105-6987-03	1	Bracket

Ref	Part No.	Qty.	Description
25	92-6750	2	Spacer-Nylon
27	105-1854	1	Cover-Conduit
28	107-2473	1	Decal-Service
29	105-1853	2	Clamp-Hose
31	322-3	4	Screw-HH
32	92-7054	2	Spring-Compression
33	701178	2	Cap-Protector
34	109989	2	Spacer-Nylon



Fuel Tank and Control Pod Assembly

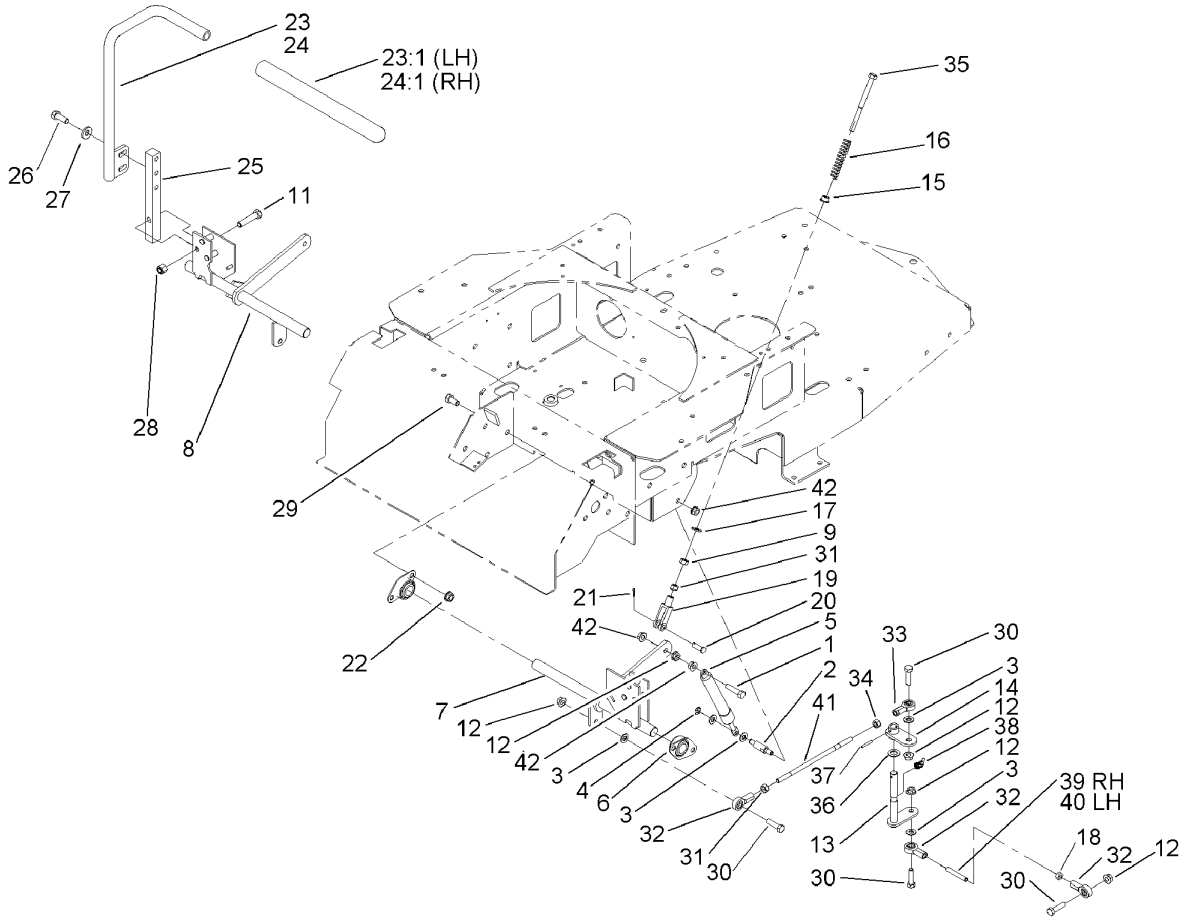
Ref	Part No.	Qty.	Description
1	105-3494	1	Fuel Tank ASM
1:2	46-6560	1	Bushing
1:3	104048	1	Valve-Fuel
2	105-1918	1	Tank-Console
3	3256-23	8	Washer-Flat
4	3253-4	4	Washer-Lock
5	322-3	4	Screw-HH
7	2412-98	2	Clamp
9	98-9338	1	Hose-Fuel
10	88-3980	1	Gas Cap ASM
10:3	88-4010	1	Gasket-Cap, Gas
11	1-633023	4	Stud
12	1-633349	4	Spring-Tank, Fuel
13	3296-47	4	Nut-Lock, NI
14	104-3626	1	Cable-Throttle
15	104-3664-03	1	Panel-Control
16	3250-14	4	Screw-PPH
18	104-8009	1	Decal-Panel, Control
19	105-1854	1	Cover-Conduit
20	614249	1	Strap-Tie



Parking Brake Assembly

Ref	Part No.	Qty.	Description
1	323-4	5	Screw-HH
2	98-5975	1	Washer-Belleville
3	3296-29	4	Nut-Lock, NI
4	100-7346-03	1	Handle-Brake, Park
5	1-633268	1	Grip-Lever, Brake
6	1-633102	2	Bearing-Flange, Side
7	1-303007	1	Washer
8	3290-357	4	Nut-HHF, Whiz
9	32151-48	1	E-Ring
10	100-7318	1	Brake Shaft ASM
11	3272-10	4	Pin-Cotter
12	104-3675	2	Bracket-Spring, Brake
13	104-8046	1	Rod-Brake, Upper
14	3256-24	4	Washer-Flat
15	104-3670-03	1	Shaft-Brake
16	88-4730	2	Clamp-Pivot, HOC
17	322-3	4	Screw-HH
18	1-806003	2	Pin-Hair
19	1-808280	2	Pin-Clevis
20	1-303105	2	Yoke-Adjustable
21	3219-2	2	Nut-Hex
22	104-3674	2	Rod-Brake, Upper
23	38-4520	2	Spring
24	3256-23	2	Washer-Flat

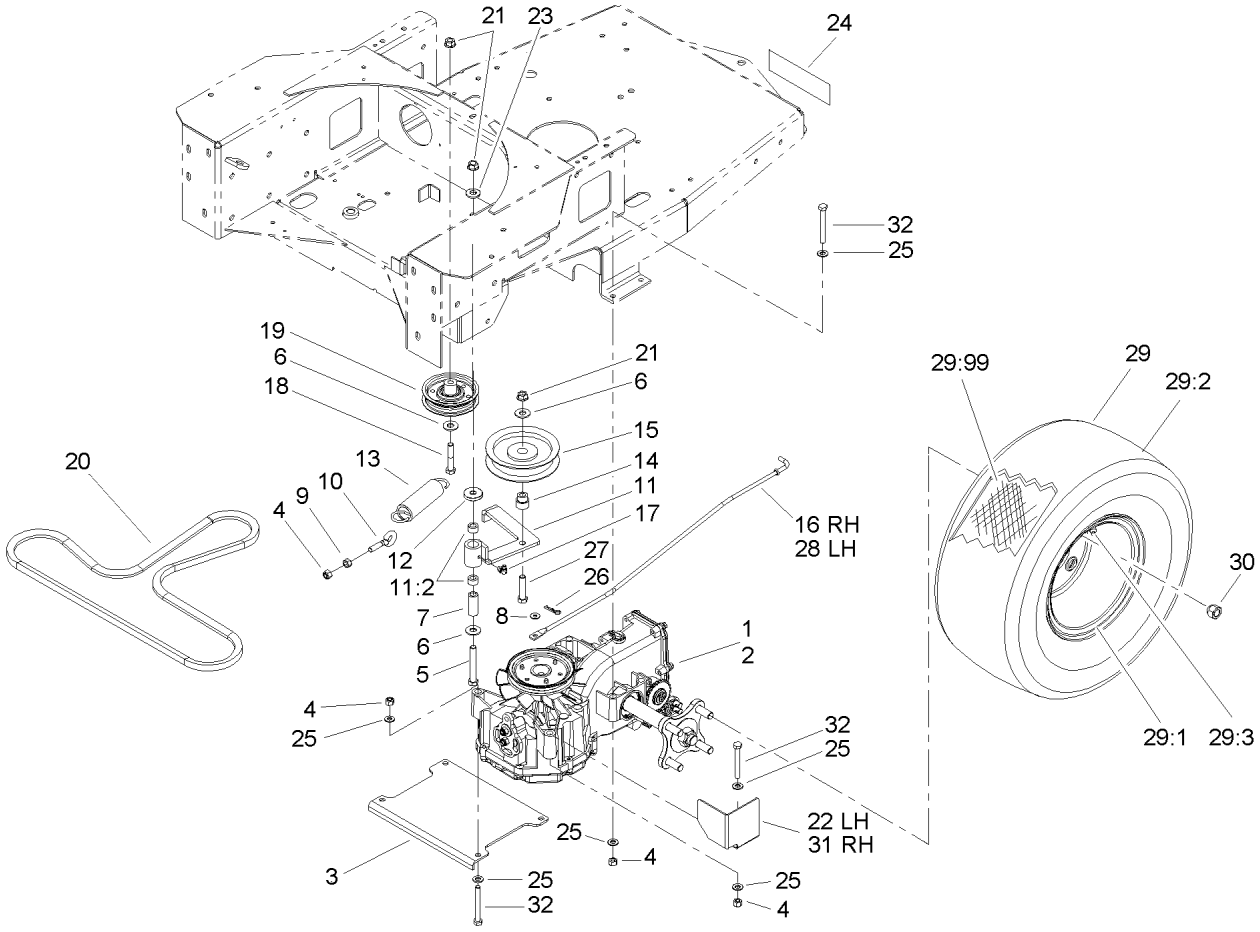
Ref	Part No.	Qty.	Description
25	3296-4	2	Nut-Lock



Motion Control Assembly

Ref	Part No.	Qty.	Description
1	1-403180	2	Screw-HH
2	1-653316	2	Pin-Damper
3	3256-23	10	Washer-Flat
4	32120-35	2	Ring-Retaining, EXT
5	103-2913	2	Damper-Control, Motion
6	1-633102	4	Bearing-Flange, Side
7	100-7341	1	Bracket-Motion Control, LH
8	100-7340	1	Bracket-Motion Control, RH
9	3296-4	2	Nut-Lock
11	323-9	2	Screw-HH
12	32128-20	10	Nut-HF
13	100-7311	2	Pivot ASM
14	100-7313	2	Pivot Plate ASM
15	1-603735	2	Bushing-Flanged
16	1-603807	2	Spring-Return, Neutral
17	3256-2	2	Washer-Flat
18	3220-2	2	Nut-Jam
19	1-303105	2	Yoke-Adjustable
20	1-808280	2	Pin-Clevis
21	3272-5	2	Pin-Cotter
22	3290-357	6	Nut-HHF, Whiz
23	103-0631	1	LH Lever ASM
23:1	1-633257	1	Grip-Control, Motion
24	103-0632	1	RH Lever ASM

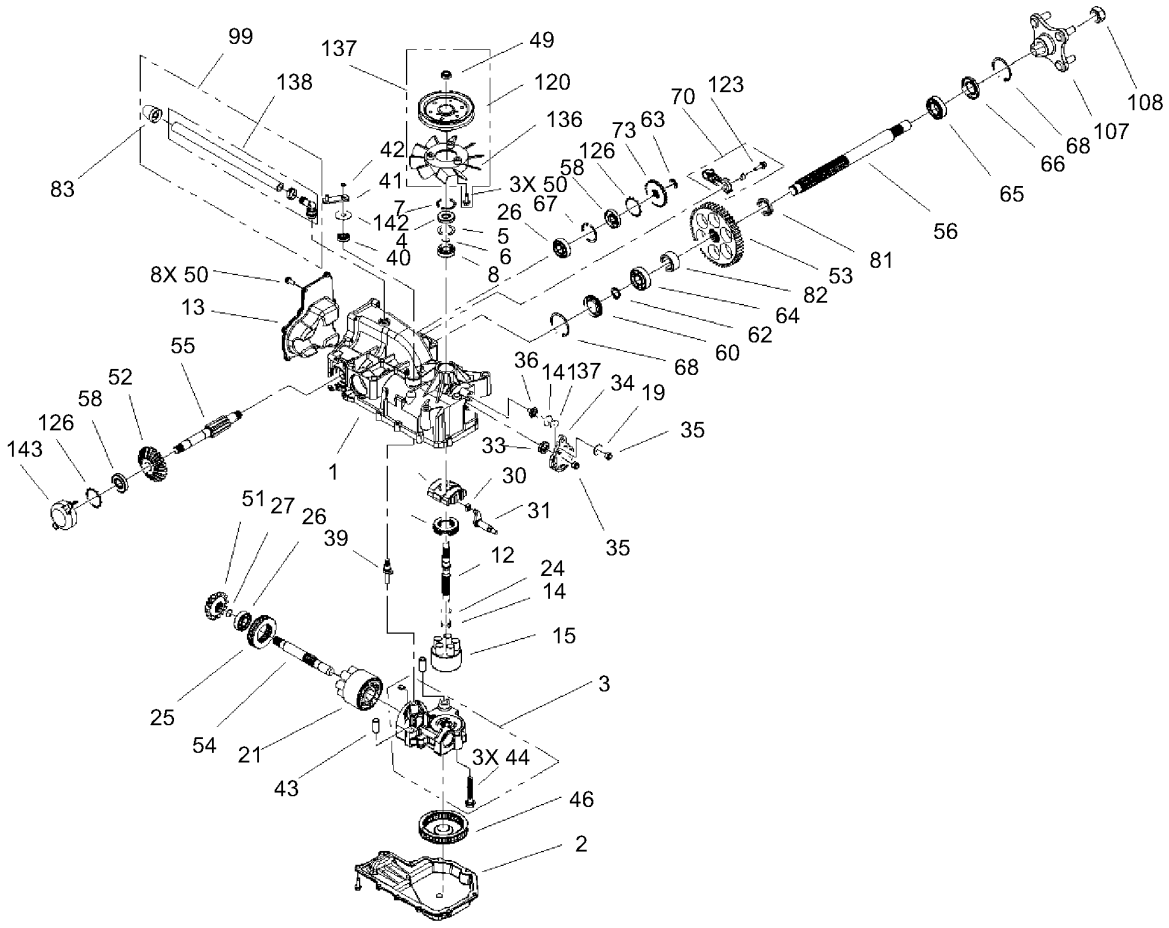
Ref	Part No.	Qty.	Description
24:1	1-633257	1	Grip-Control, Motion
25	103-0407	2	Arm-Shaft, Control
26	323-6	4	Screw-HH
27	98-5975	4	Washer-Belleville
28	3296-39	2	Nut-Lock, NI
29	323-4	6	Screw-HH
30	322-5	8	Screw-HH
31	3219-2	4	Nut-Hex
32	1-543017	6	Balljoint-RH
33	1-633152	2	Balljoint-LH
34	1-804524	2	Nut
35	1-603737	2	Bolt-Return, Neutral
36	100-7336	2	Washer
37	933156	2	Pin-Roll
38	302-11	2	Fitting-Lube, 45 DEG
39	104-3606	1	Linkage-Lower, RH
40	104-3607	1	Linkage-Lower, LH
41	104-3605	2	Linkage-Upper
42	32128-25	6	Nut-HF



Hydraulic and Belt Drive Assembly

Ref	Part No.	Qty.	Description
1	107-1709	1	Hydro-LH
2	107-1708	1	Hydro-RH
3	100-7317-03	1	Plate-Hydro, Lower
4	3296-29	13	Nut-Lock, NI
5	323-13	1	Screw-HH
6	3256-4	3	Washer-Flat
7	1-603044	1	Bushing
8	3256-1	2	Washer-Flat
9	32128-20	1	Nut-HF
10	55-9420	1	Bolt-Eye
11	104-3614	1	Idler Arm ASM
11:2	1-513034	2	Sleeve-Bearing
12	104-8005	1	Spacer
13	1-603414	1	Spring-Extension
14	1-603496	1	Bushing-Idler
15	1-603843	1	Pulley-Idler
16	104-3668	1	Rod-RH
17	302-40	1	Fitting-Grease
18	323-10	1	Screw-HH
19	104-3630	1	Pulley-Idler
20	104-3622	1	Belt-V
21	32128-21	3	Nut-HF
22	104-8033-03	1	Guard-Fan, LH
23	98-5975	1	Washer-Belleville

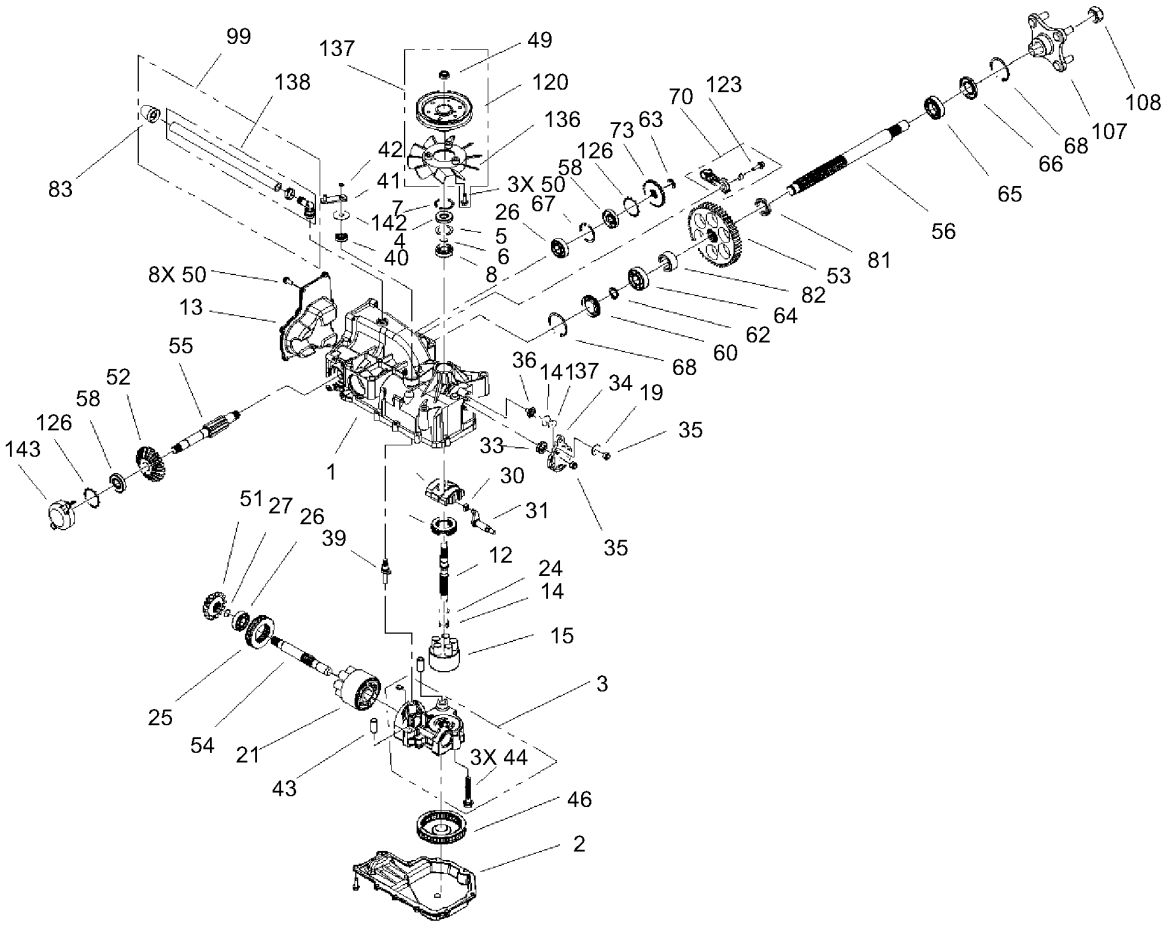
Ref	Part No.	Qty.	Description
24	104-8008	1	Decal-Transport
25	3256-23	24	Washer-Flat
26	1-806003	2	Pin-Hair
27	323-9	1	Screw-HH
28	104-3669	1	Rod-LH
29	107-2536	2	Wheel And Tire ASM
29:1	107-2475	1	Wheel
29:2	106-7006	1	Tire
29:3	232-27	1	Stem-Valve
29:99	107-2491	1	Tube-Tire
30	242-50	8	Nut-Lug
31	104-8013-03	1	Guard-Fan, RH
32	322-13	12	Screw-HH



LH Hydro Transaxle Assembly No. 107-1709

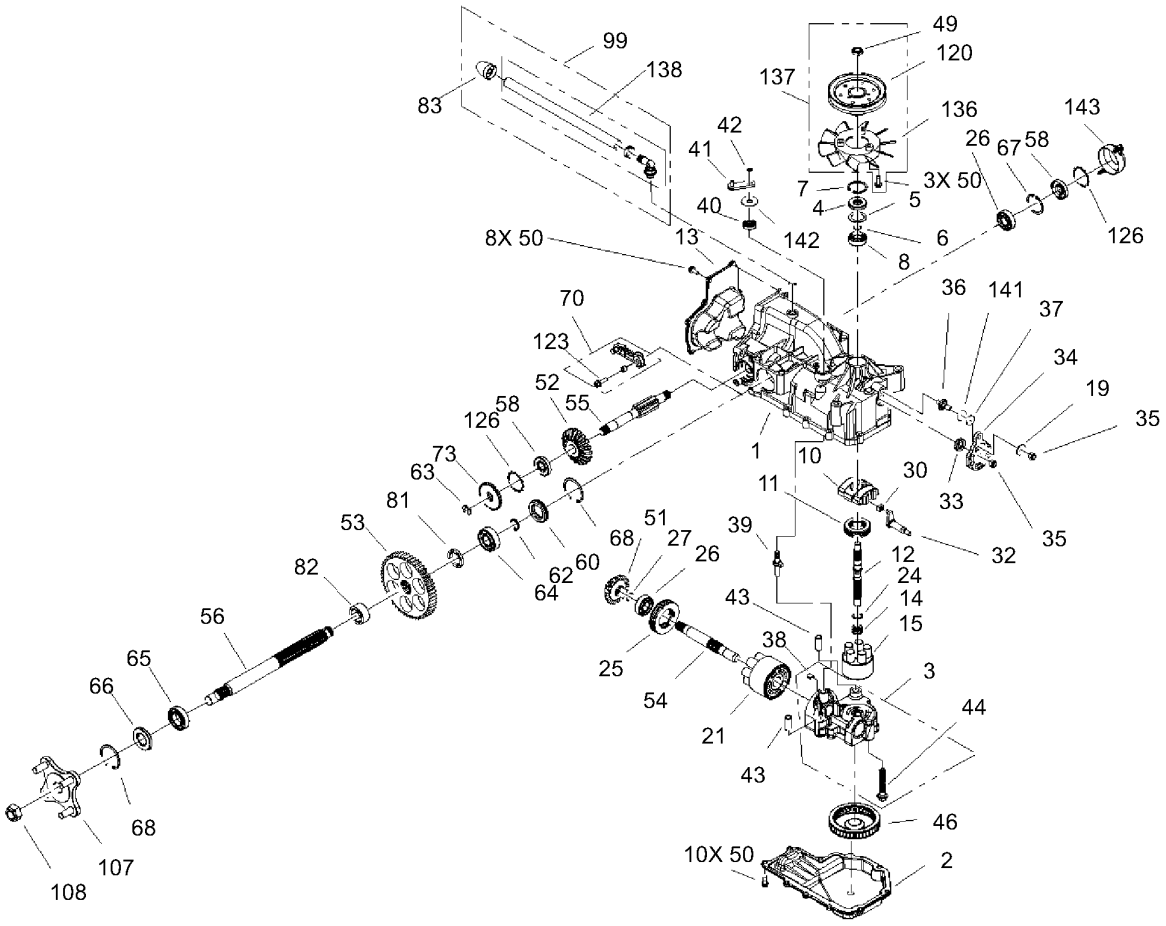
Ref	Part No.	Qty.	Description
1	107-1700	1	Main Housing Kit
2	105-1868	1	Housing-Lower
3	105-1869	1	Center Section Kit ASM
4	92-6543	1	Seal-Lip
5	104-2104	1	Spacer
6	94-1902	1	Ring-Wire, Retaining
7	94-1903	1	Ring-Retaining
8	94-1904	1	Bearing-Shaft, Ball
10	94-1907	1	Swashplate-Variable
11	94-6922	1	Bearing-Thrust
12	104-5067	1	Shaft-Input
13	105-1870	1	Cover-Back
14	94-1936	1	Spring-Block
15	104-2106	1	Cylinder Block ASM
19	5-4460	1	Washer-Pivot
21	94-1913	1	Cylinder Block ASM
24	94-1937	1	Washer-Block, Thrust
25	94-6923	1	Bearing-Thrust
26	104-5311	2	Bearing-Ball
27	104-5307	1	Ring-Retaining
30	94-1910	1	Guide-Slot
31	104-2112	1	Trunnion ASM
33	92-6544	1	Seal-Lip
34	105-1871	1	Arm-Control

Ref	Part No.	Qty.	Description
35	105-1872	2	Nut
36	104-2116	1	Stud
37	105-1873	1	Puck-Friction
38	94-6925	1	Plate-Bypass
39	94-1914	1	Actuator-Bypass
40	92-6545	1	Seal-Lip
41	104-2117	1	Arm-Bypass
42	936109	1	Ring-Retaining
43	94-1927	2	Pin
44	94-6926	3	Bolt
46	105-1874	1	Filter
49	105-1875	1	Nut-Lock
50	104-2120	21	Screw
51	105-1876	1	Gear-Bevel, 14T
52	105-1877	1	Gear-Bevel, 19T
53	105-1878	1	Gear-Bevel, 53T
54	105-1879	1	Shaft-Motor
55	105-1880	1	Shaft-Brake
56	105-1881	1	Shaft-Axle
58	104-5310	2	Seal-Lip
60	105-1882	1	Plug-Side Seal
62	105-1883	1	Ring-Axle, Retaining
63	105-1884	1	Ring-Retaining
64	105-1885	1	Bearing-Ball



LH Hydro Transaxle Assembly No. 107-1709 (continued)

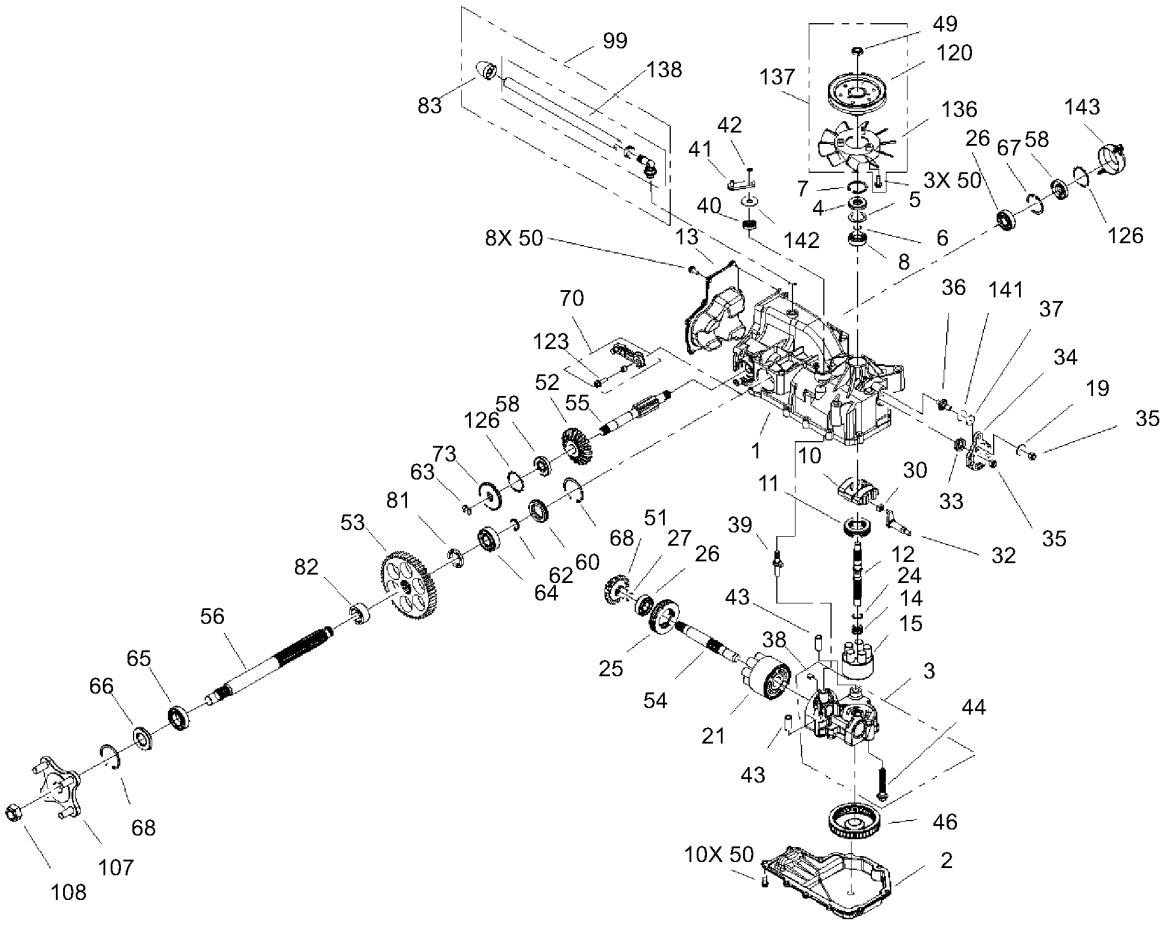
Ref	Part No.	Qty.	Description
65	105-1886	1	Bearing-Ball
66	105-1887	1	Seal
67	104-5309	1	Ring-Retaining
68	105-1888	2	Ring-Retaining, Axle
70	105-1889	1	LH Brake Arm ASM
73	105-1890	1	Disc-Brake
81	105-1891	1	Bushing-Axle
82	105-1892	1	Bushing-Axle
83	107-1701	1	Cap Vent ASM
99	107-1702	1	Breather Kit
❶100	104-2147	1	Sealant
107	105-1894	1	Hub ASM
108	105-1895	1	Nut
120	104-1754	1	Pulley
123	107-1703	1	Screw-HHF
126	105-1898	2	Ring-Retaining
❶134	105-1899	1	Seal Kit
136	105-1927	1	Fan
137	105-1928	1	Fan Pulley Kit
138	107-1704	1	Hose/Fitting ASM
141	107-1705	1	Washer
142	107-1706	1	Washer
143	107-1707	1	Cover-Brake, Plastic



RH Hydro Transaxle Assembly No. 107-1708

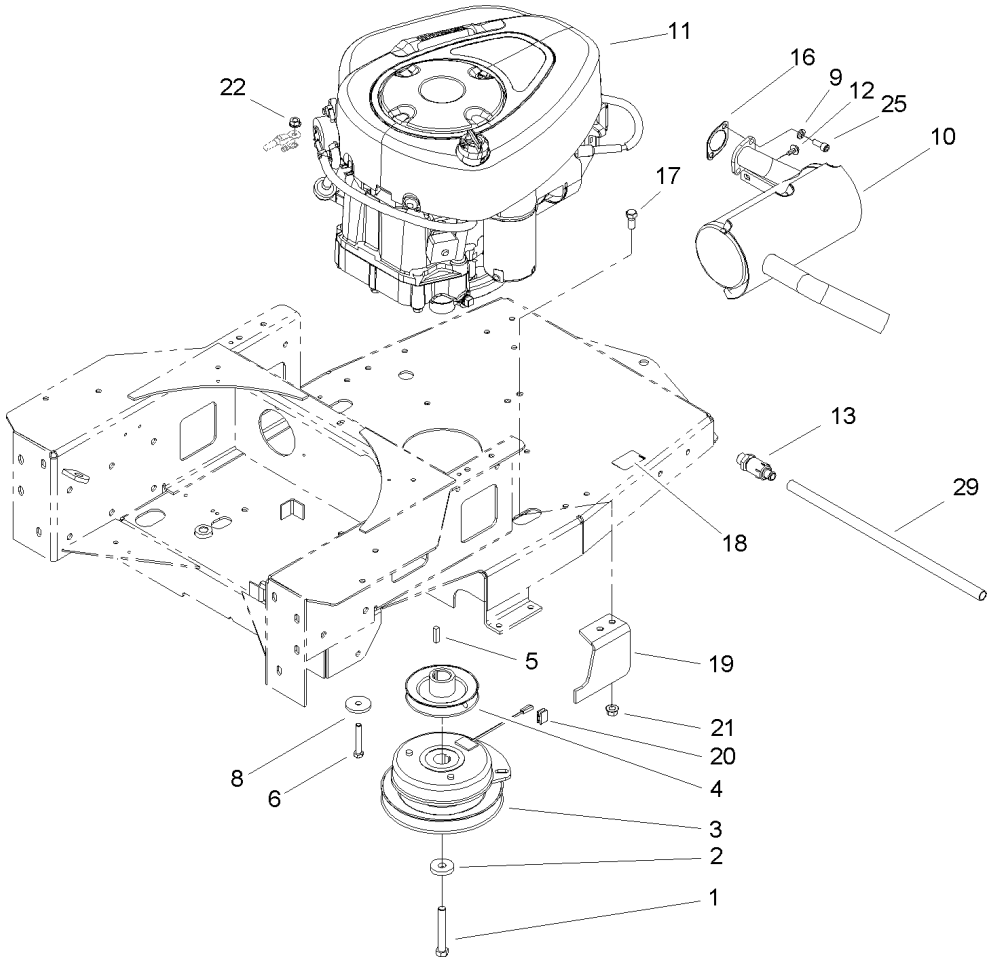
Ref	Part No.	Qty.	Description
1	107-1700	1	Main Housing Kit
2	105-1868	1	Housing-Lower
3	105-1869	1	Center Section Kit ASM
4	92-6543	1	Seal-Lip
5	104-2104	1	Spacer
6	94-1902	1	Ring-Wire, Retaining
7	94-1903	1	Ring-Retaining
8	94-1904	1	Bearing-Shaft, Ball
10	94-1907	1	Swashplate-Variable
11	94-6922	1	Bearing-Thrust
12	104-5067	1	Shaft-Input
13	105-1870	1	Cover-Back
14	94-1936	1	Spring-Block
15	104-2106	1	Cylinder Block ASM
19	5-4460	1	Washer-Pivot
21	94-1913	1	Cylinder Block ASM
24	94-1937	1	Washer-Block, Thrust
25	94-6923	1	Bearing-Thrust
26	104-5311	2	Bearing-Ball
27	104-5307	1	Ring-Retaining
30	94-1910	1	Guide-Slot
31	104-2112	1	Trunnion ASM
33	92-6544	1	Seal-Lip
34	105-1871	1	Arm-Control

Ref	Part No.	Qty.	Description
35	105-1872	2	Nut
36	104-2116	1	Stud
37	105-1873	1	Puck-Friction
38	94-6925	1	Plate-Bypass
39	94-1914	1	Actuator-Bypass
40	92-6545	1	Seal-Lip
41	104-2117	1	Arm-Bypass
42	936109	1	Ring-Retaining
43	94-1927	2	Pin
44	94-6926	3	Bolt
46	105-1874	1	Filter
49	105-1875	1	Nut-Lock
50	104-2120	21	Screw
51	105-1876	1	Gear-Bevel, 14T
52	105-1877	1	Gear-Bevel, 19T
53	105-1878	1	Gear-Bevel, 53T
54	105-1879	1	Shaft-Motor
55	105-1880	1	Shaft-Brake
56	105-1881	1	Shaft-Axle
58	104-5310	2	Seal-Lip
60	105-1882	1	Plug-Side Seal
62	105-1883	1	Ring-Axle, Retaining
63	105-1884	1	Ring-Retaining
64	105-1885	1	Bearing-Ball



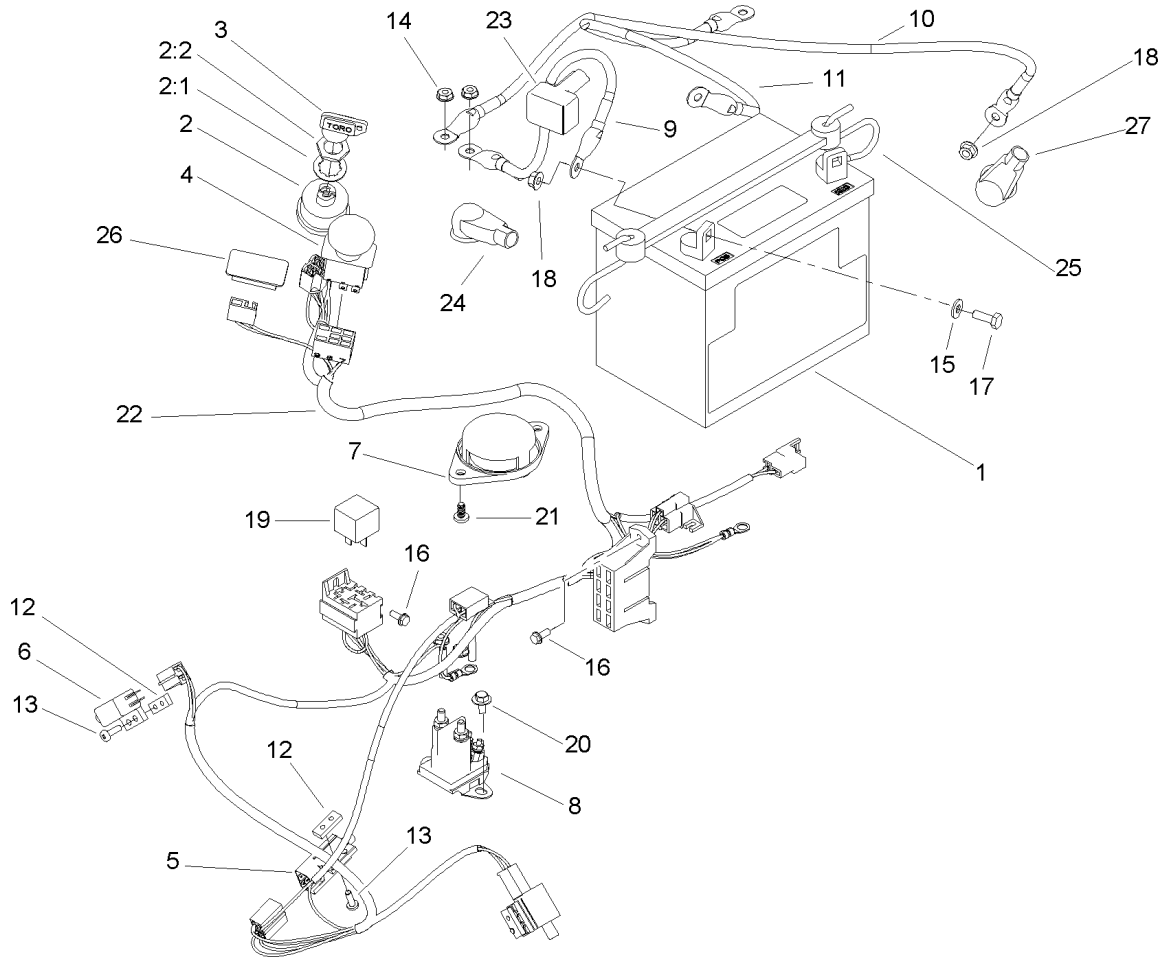
RH Hydro Transaxle Assembly No. 107-1708 (continued)

Ref	Part No.	Qty.	Description
65	105-1886	1	Bearing-Ball
66	105-1887	1	Seal
67	104-5309	1	Ring-Retaining
68	105-1888	2	Ring-Retaining, Axle
70	105-1910	1	RH Brake Arm ASM
73	105-1890	1	Disc-Brake
81	105-1891	1	Bushing-Axle
82	105-1892	1	Bushing-Axle
83	107-1701	1	Cap Vent ASM
99	107-1702	1	Breather Kit
❶100	104-2147	1	Sealant
107	105-1894	1	Hub ASM
108	105-1895	1	Nut
120	105-1896	1	Pulley
123	107-1703	1	Screw-HHF
126	105-1898	2	Ring-Retaining
❶134	105-1899	1	Seal Kit
136	105-1927	1	Fan
137	105-1928	1	Fan Pulley Kit
138	107-1704	1	Hose/Fitting ASM
141	107-1705	1	Washer
142	107-1706	1	Washer
143	107-1707	1	Cover-Brake, Plastic



Engine and Clutch Assembly

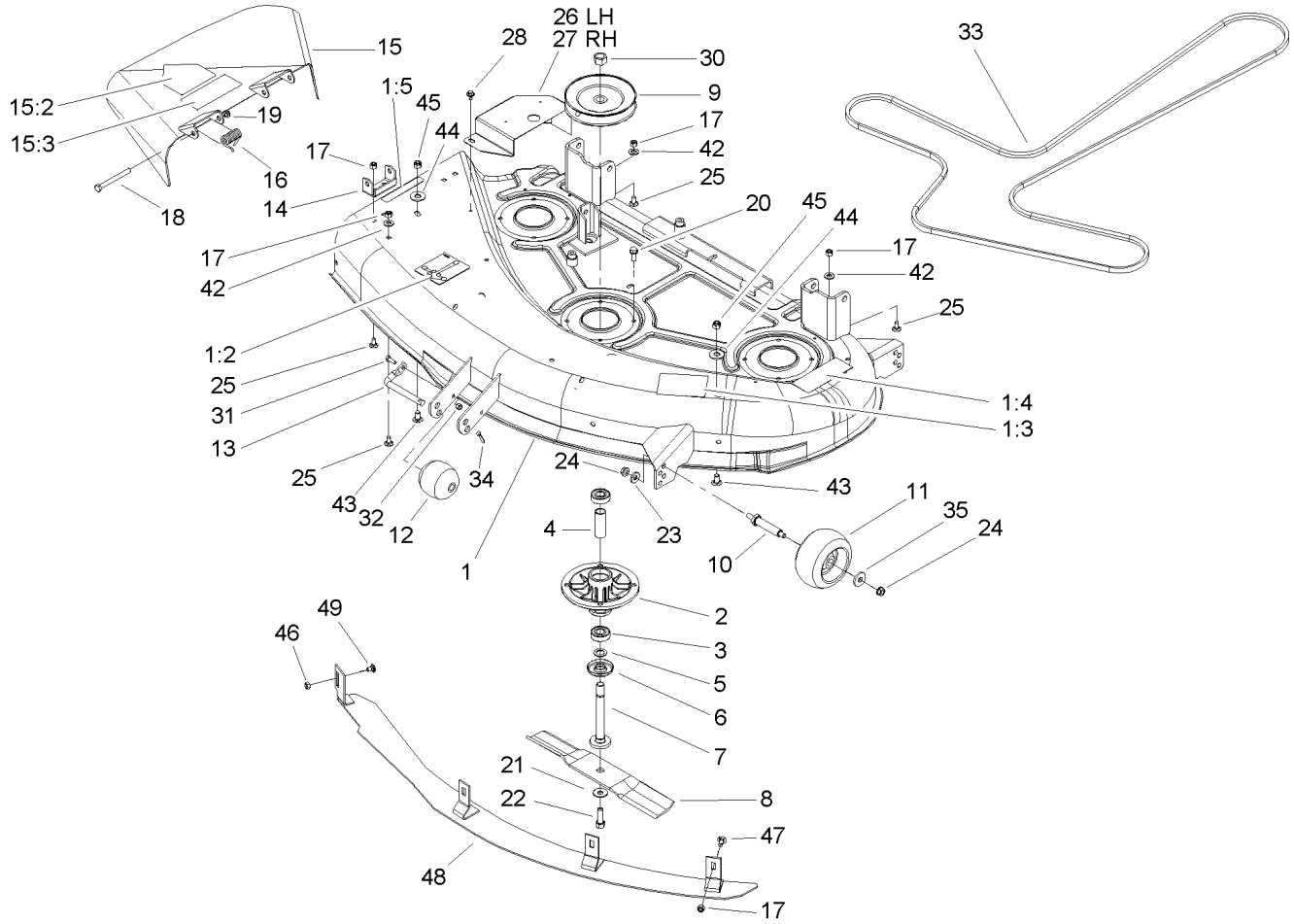
Ref	Part No.	Qty.	Description
1	3212-12	1	Screw-HH
2	112843	1	Washer
3	104-3624	1	Clutch
4	100-7314	1	Pump Drive Pulley ASM
5	5-7280	1	Key
6	322-7	4	Screw-HH
8	62-7190	4	Spacer-Steel
9	3253-4	2	Washer-Lock
10	106-7007	1	Muffler
❷11		1	Engine-Briggs And Stratton, 31M777-0167-E1
12	46-8560	1	Screw-HHF
13	92-6877	1	Valve-Drain, Oil
16	88-4410	1	Gasket-Muffler
17	323-4	2	Screw-HH
18	106-0699	1	Decal-Warning
19	104-3613-03	1	Stop-Clutch
20	98-5023	1	Bumper
21	32128-21	2	Nut-HF
22	32128-25	4	Nut-HF
25	3274-10	2	Screw-HSH
29	106-7022	1	Tube-Drain, Oil



Electrical Assembly

Ref	Part No.	Qty.	Description
1	104-2491	1	Battery-Dry
2	88-9830	1	Key Switch ASM
2:1	3254-5	1	Washer-Tooth
2:2	218-461	1	Nut-HH
3	63-8360	1	Key-Ignition
4	95-7489	1	Switch-PTO
5	86-4690	1	Switch-Interlock
6	65-7410	2	Switch-Pole, Single
7	105-6959	1	Switch-Seat
8	106-8245	1	Solenoid
9	56-7670	1	Wire ASM
10	106-8269	1	Cable-Battery, Red
11	93-0324	1	Cable
12	1-633181	3	Plate-Tapped
13	32144-8	6	Screw-PPHTF
14	32149-2	2	Nut-Keps
15	3256-22	2	Washer-Flat
16	32144-1	3	Screw-Taptite
17	321-4	2	Screw-HH
18	32128-33	3	Nut-HF
19	98-7249	1	Relay
20	46-8560	2	Screw-HHF
21	105-6968	2	Screw-Seat, Switch
22	107-2502	1	Harness-Wire, 16Amp

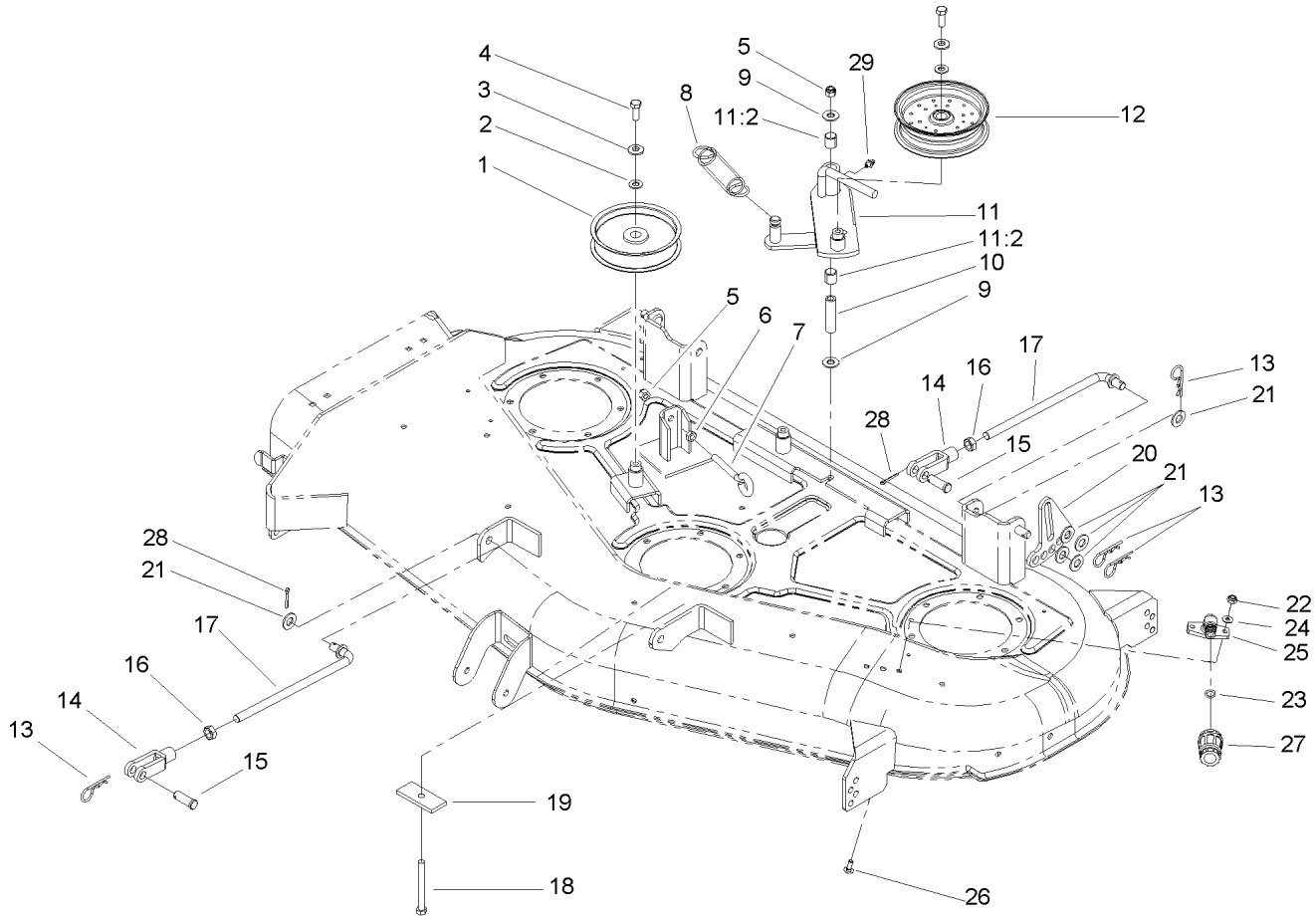
Ref	Part No.	Qty.	Description
23	28-8080	1	Boot-Terminal
24	93-3190	1	Boot-Insulator, Terminal
25	104-2466	1	Holddown-Battery
26	99-7420	1	Plug-Hole
27	94-5362	1	Boot-Terminal Insulator



Deck Assembly

Ref	Part No.	Qty.	Description
1	105-1948	1	44 Inch Deck ASM
1:2	99-3943	1	Decal-Routing, Belt
1:3	98-3798	1	Decal-Wheel, Gage
1:4	92-7108	1	Decal-Danger
1:5	92-7109	1	Decal-Caution
2	88-4510	3	Housing-Spindle
3	100-1048	6	Bearing-Ball
4	62-3661	3	Spacer-Bearing
5	80-4380	3	Spacer
6	80-4360	3	Shield-Bearing
7	80-4341	3	Shaft
8	54-0010-03	3	Blade
9	100-7321	3	Pulley ASM
10	99-2842	3	Spacer
11	68-2730	3	Wheel-Gage
12	29-4820	1	Roller
13	118960-03	1	Shaft-Roller
14	29-5590-03	2	Bracket-Pivot
15	100-8003	1	Deflector/Decal ASM
15:2	93-1122	1	Decal-Danger
15:3	92-7108	1	Decal-Danger
16	40-6230	2	Spring
17	3296-29	10	Nut-Lock, NI
18	3211-15	2	Screw-HH

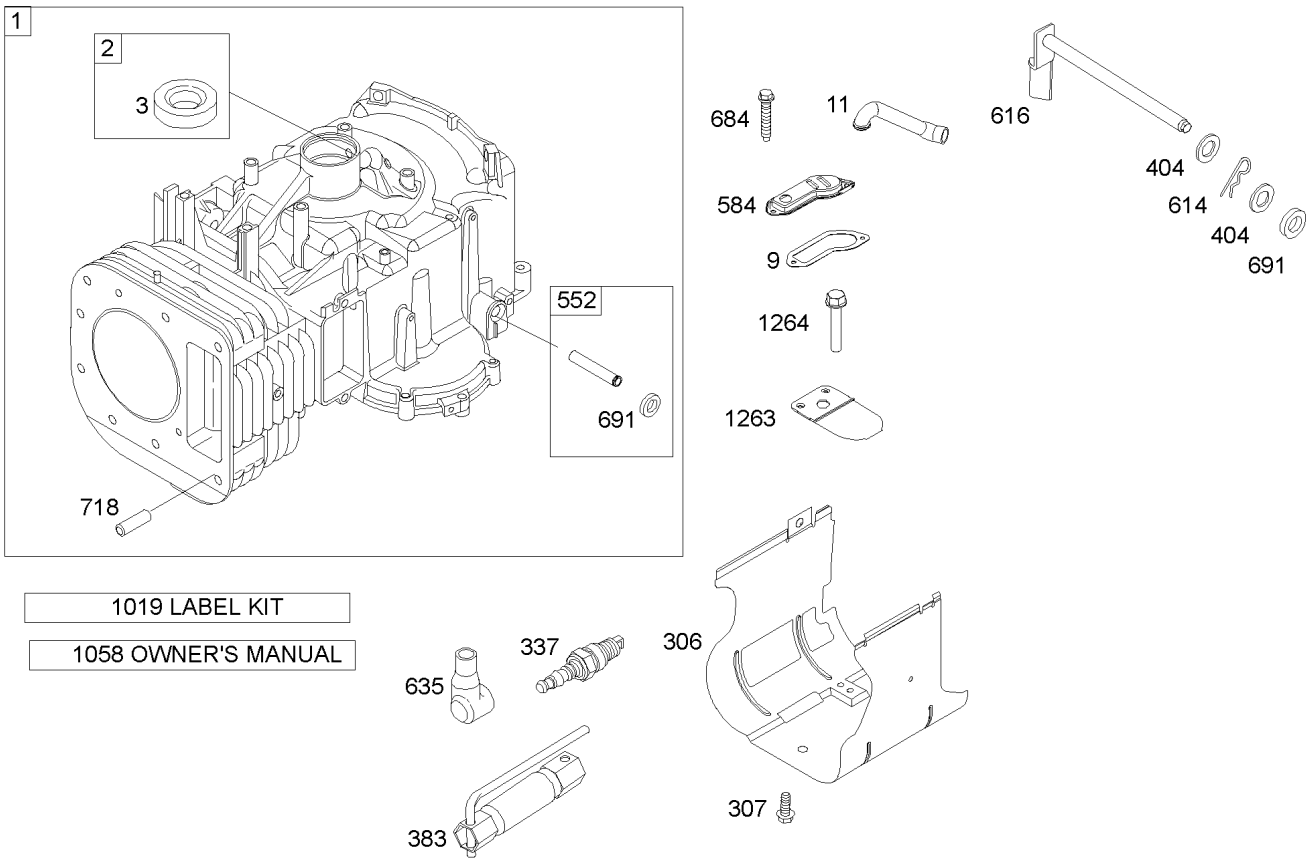
Ref	Part No.	Qty.	Description
19	3296-5	2	Nut-Lock
20	32144-41	12	Screw-Taptite
21	3290-465	3	Washer-Belleville
22	26-0671	3	Screw-Blade
23	98-5975	3	Washer-Belleville
24	3290-357	6	Nut-HHF, Whiz
25	3230-18	7	Screw-CARR
❶26	104-3646-01	1	Cover-Belt, LH
27	104-3645-01	1	Cover-Belt, RH
28	46-8560	4	Screw-HHF
30	3219-6	3	Nut-Hex
31	321-4	1	Screw-HH
32	3296-42	1	Nut-Lock, NI
33	105-6963	1	Belt-V
34	3272-21	1	Pin-Cotter
35	1-373034	3	Washer
42	3256-24	3	Washer-Flat
43	3231-21	2	Screw-CARR
44	3256-5	2	Washer-Flat
45	3296-39	2	Nut-Lock, NI
46	3296-47	1	Nut-Lock, NI
47	3230-1	3	Bolt-CARR
48	93-9950-03	1	Baffle
49	3230-19	1	Screw-CARR



Deck Belt Drive and Lift Assembly

Ref	Part No.	Qty.	Description
1	1-613098	2	Pulley-Idler
2	3256-24	3	Washer-Flat
3	98-5975	3	Washer-Belleville
4	323-6	3	Screw-HH
5	3296-39	2	Nut-Lock, NI
6	3217-7	1	Nut-Hex
7	94-2547	1	Bolt-Eye
8	105-6992	1	Spring-Extension
9	1-809107	2	Washer-Hardened
10	1-603384	1	Bushing-Pivot, Idler
11	105-7010	1	Idler Arm ASM
11:2	1-513034	2	Sleeve-Bearing
12	99-8912	1	Pulley-Idler, Flat
13	1-806005	8	Pin-Hair
14	100-7338	4	Clevis
15	104-3634	4	Pin-Clevis
16	3220-5	4	Nut-Jam
17	104-8047	4	Rod-Trunion
18	1-800805	1	Screw-HH
19	104-8037-01	1	Plate-Bolt, Retainer
20	104-3699-01	2	Link-HOC, Adjusting
21	3256-26	12	Washer-Flat
22	3296-16	2	Nut-Lock, NI
23	46-6290	1	O-Ring

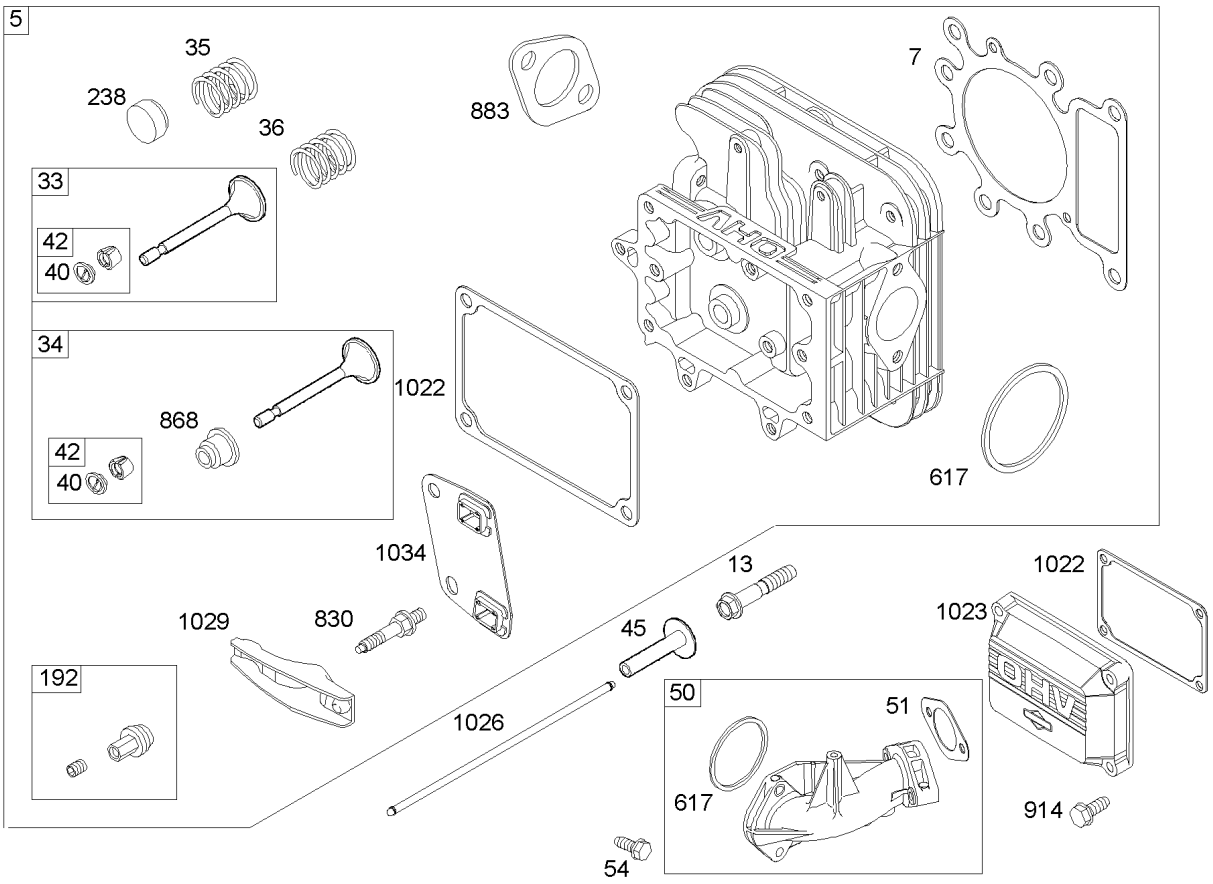
Ref	Part No.	Qty.	Description
24	3256-1	2	Washer-Flat
25	95-2747	1	Fitting-Washout
26	3229-1	2	Screw-CARR
27	95-3270	1	Connector-Hose
28	3272-10	4	Pin-Cotter
29	302-19	1	Fitting-Grease



Assemblies include all parts shown in frames.

Cylinder Assembly
Briggs and Stratton 31M777-0167-E1

Ref	Part No.	Qty.	Description
❼1	697174	1	Cylinder ASM
❼2	399265	1	Bushing And Seal Kit
❸❼3	391086	1	Seal-Oil
❸❼9	697109	1	Gasket-Breather
❼11	697113	1	Tube-Breather
❼306	697107	1	Shield-Cylinder
❼307	691003	1	Screw
❼337	491055	1	Plug-Spark
❼383	89838	1	Wrench-Plug, Spark
❼404	691691	1	Washer
❼552	697144	1	Bushing-Crank, Governor
❼584	697112	1	Cover-Passage, Breather
❼614	691620	1	Pin-Cotter
❼616	692012	1	Crank-Governor
❼635	691909	1	Boot-Spark Plug
❼684	697157	1	Screw
❸❼691	692407	1	Seal-Shaft, Governor
❼718	690959	1	Pin-Locating
❼1019	697143	1	Label Kit
❼1058	275038	1	Owner's Manual
❼1263	697124	1	Reed-Breather
❼1264	697104	1	Screw
❶❼	697762	1	Short Block ASM

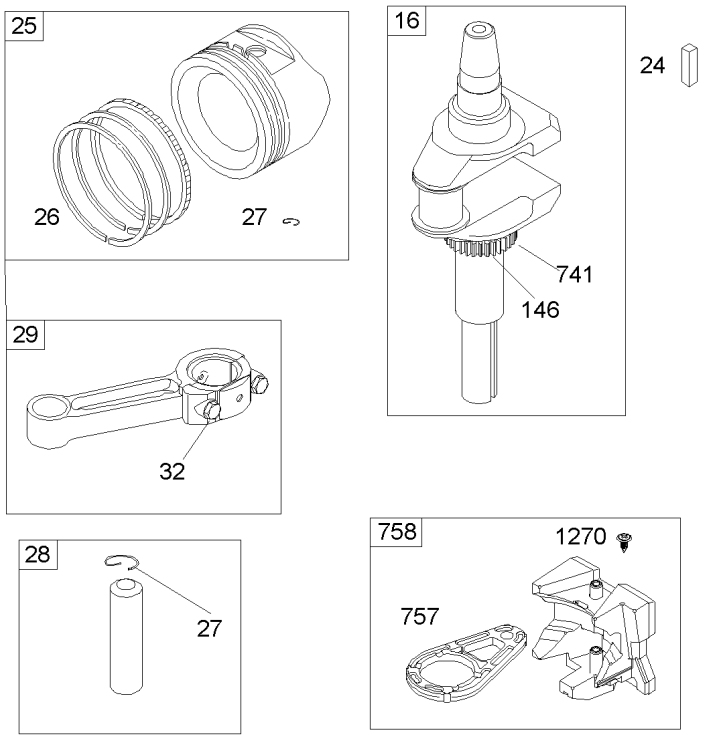


Assemblies include all parts shown in frames.

Cylinder Head Assembly
Briggs and Stratton 31M777-0167-E1

Ref	Part No.	Qty.	Description
❼5	698404	1	Head–Cylinder
❸❹❼	699168	1	Gasket-Head, Cylinder
❼13	690360	1	Screw
❼33	698370	1	Valve–Exhaust
❼34	695761	1	Valve-Intake
❼35	691279	1	Spring-Valve
❼36	691279	1	Spring-Valve
❼40	690964	1	Retainer-Valve
❼42	499586	1	Keeper-Valve
❼45	690564	1	Tappet-Valve
❼50	690193	1	Manifold-Intake
❸❹❺❼51	692137	1	Gasket-Intake
❼54	691148	1	Screw
❼192	691986	1	Adjustor-Arm, Rocker
❼238	691843	1	Cap-Valve
❸❺❼617	692138	1	Seal-O Ring
❼830	691095	1	Stud-Arm, Rocker
❸❹❼868	690968	1	Seal-Valve
❼883	692236	1	Gasket-Exhaust
❼914	690960	1	Screw
❸❼1022	272475	1	Gasket-Cover, Rocker

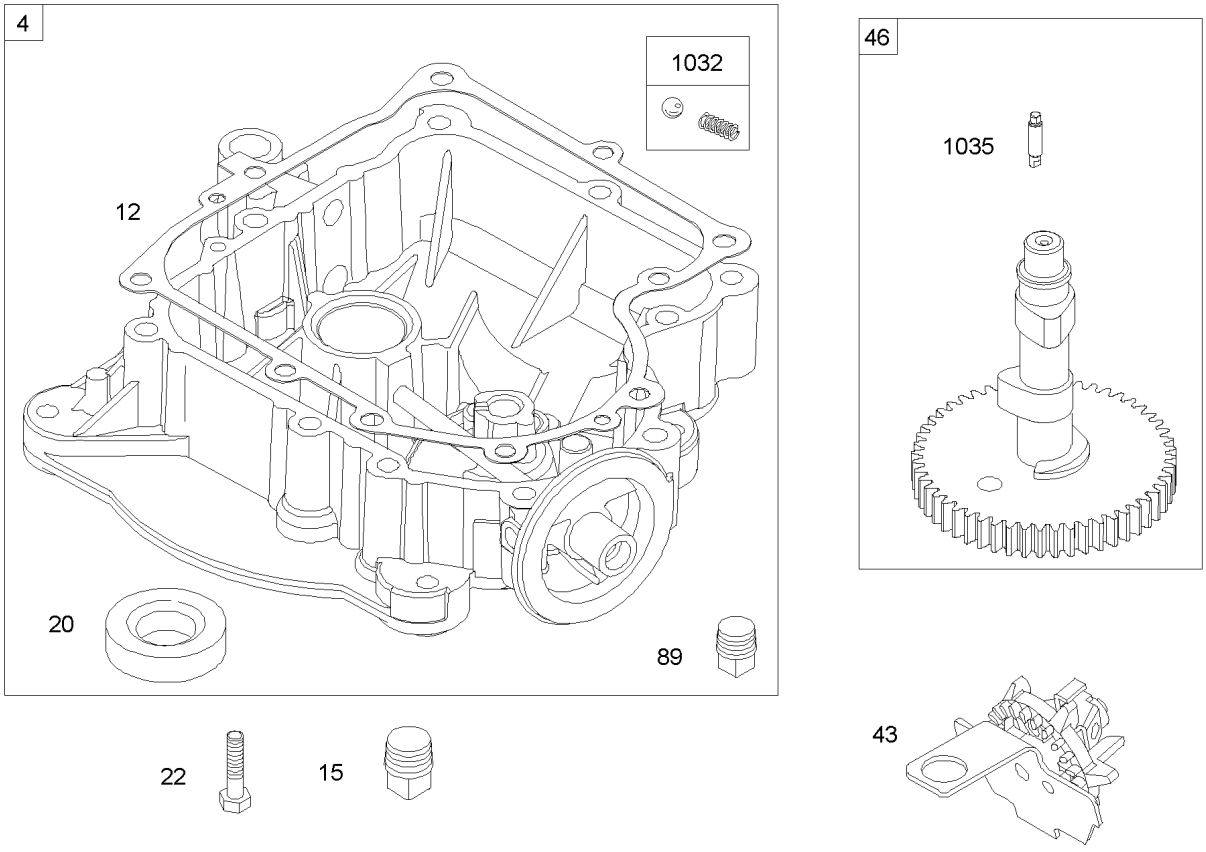
Ref	Part No.	Qty.	Description
❼1023	692492	1	Cover-Rocker
❼1026	692003	1	Rod–Push
❼	692011	1	Rod–Push
❼1029	691751	1	Arm-Rocker
❼1034	690822	1	Guide-Rod, Push



Assemblies include all parts shown in frames.

Crankshaft Assembly
Briggs and Stratton 31M777-0167-E1

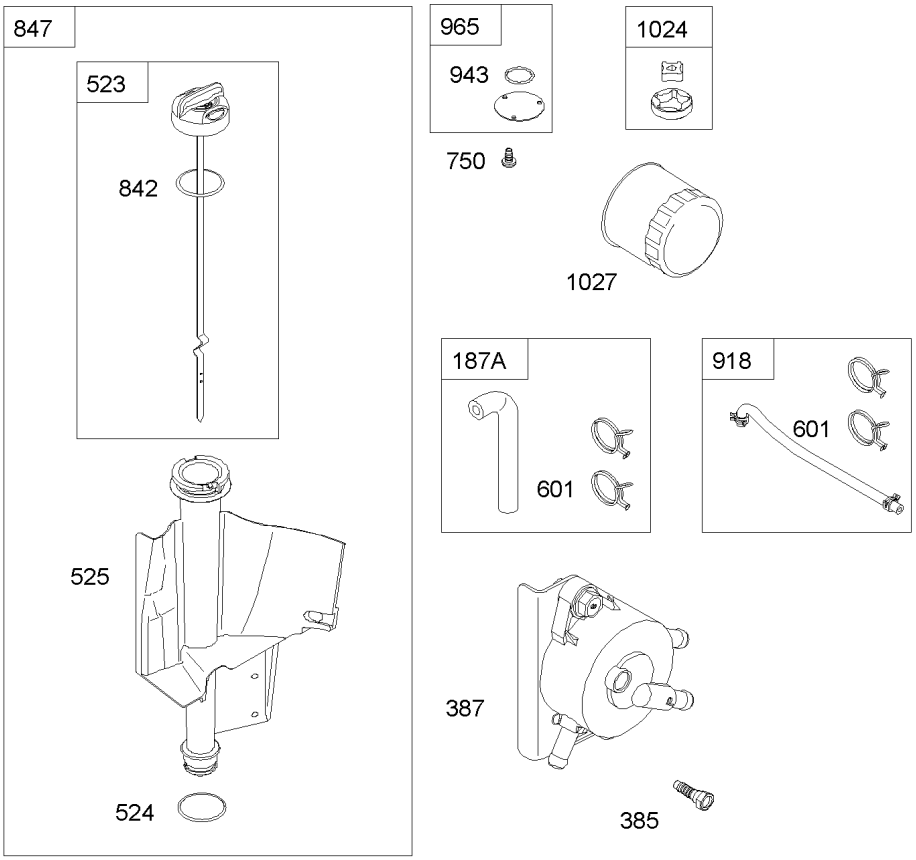
Ref	Part No.	Qty.	Description
❼16	697516	1	Crankshaft
❼24	222698	1	Key
❼25	699052	1	Piston ASM (Standard)
❼	699054	1	Piston ASM (.020In Oversize)
❼26	699051	1	Ring Set (Standard)
❼	697559	1	Ring Set (.020In Oversize)
❼27	698469	1	Lock-Pin, Piston
❼28	697099	1	Pin-Piston (STD)
❼29	697518	1	Rod–Connecting (Standard)
❼32	692852	1	Screw
❼146	691639	1	Key-Timing
❼741	697128	1	Gear-Timing
❼757	697607	1	Link-Counterweight
❼758	697134	1	Counterweight
❼1270	697156	1	Plug-Counterweight, Avs



Assemblies include all parts shown in frames.

Crankcase Assembly
Briggs and Stratton 31M777-0167-E1

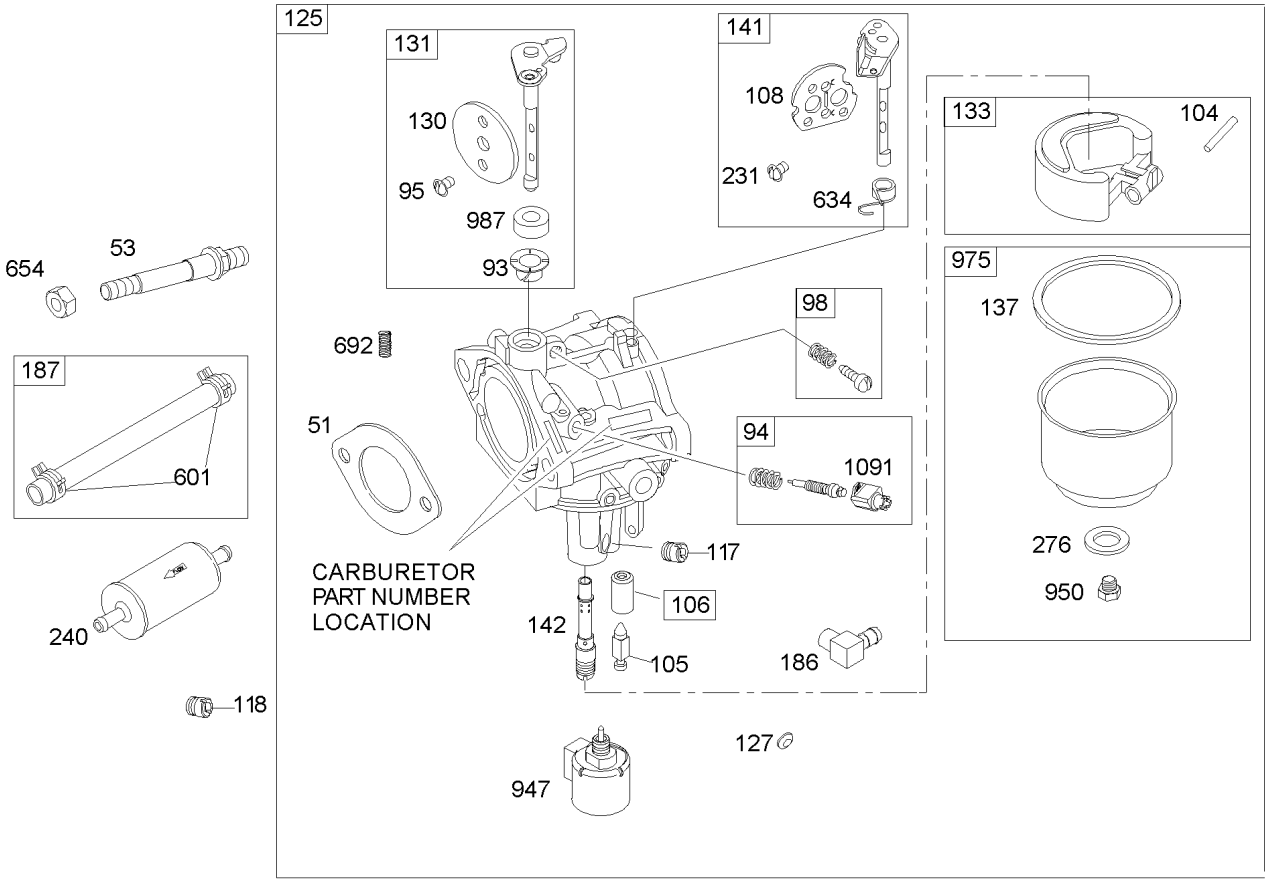
Ref	Part No.	Qty.	Description
❼4	697188	1	Sump-Engine
❸❼12	697110	1	Gasket-Crankcase
❼15	690946	1	Plug-Drain, Oil
❸❼20	690947	1	Seal-Oil
❼22	692125	1	Screw
❼43	691968	1	Slinger-Governor,Oil
❼46	698492	1	Camshaft
❼89	690283	1	Plug-Oil
❼1032	491710	1	Ball–Pump, Oil
❼1035	693784	1	Shaft-Pump, Oil



Assemblies include all parts shown in frames.

Oil Fliter, Tube and Pump Assembly
Briggs and Stratton 31M777-0167-E1

Ref	Part No.	Qty.	Description
❼187A	698417	1	Line–Fuel
❼385	694476	1	Screw
❼387	697090	1	Pump–Fuel
❼523	697086	1	Dipstick
❸❼524	691032	1	Seal, O-Ring
❼525	697085	1	Tube–Dipstick
❼601	95162	1	Clamp-Hose
❼750	691033	1	Screw
❸❼842	691031	1	Seal-O Ring
❼847	697087	1	Dipstick/Tube ASM
❼918	697091	1	Vacuum–Line
❸❼943	690589	1	Seal, O-Ring
❼965	499613	1	Cover-Pump, Oil
❼1024	499054	1	Pump-Oil
❼1027	696854	1	Filter–Oil

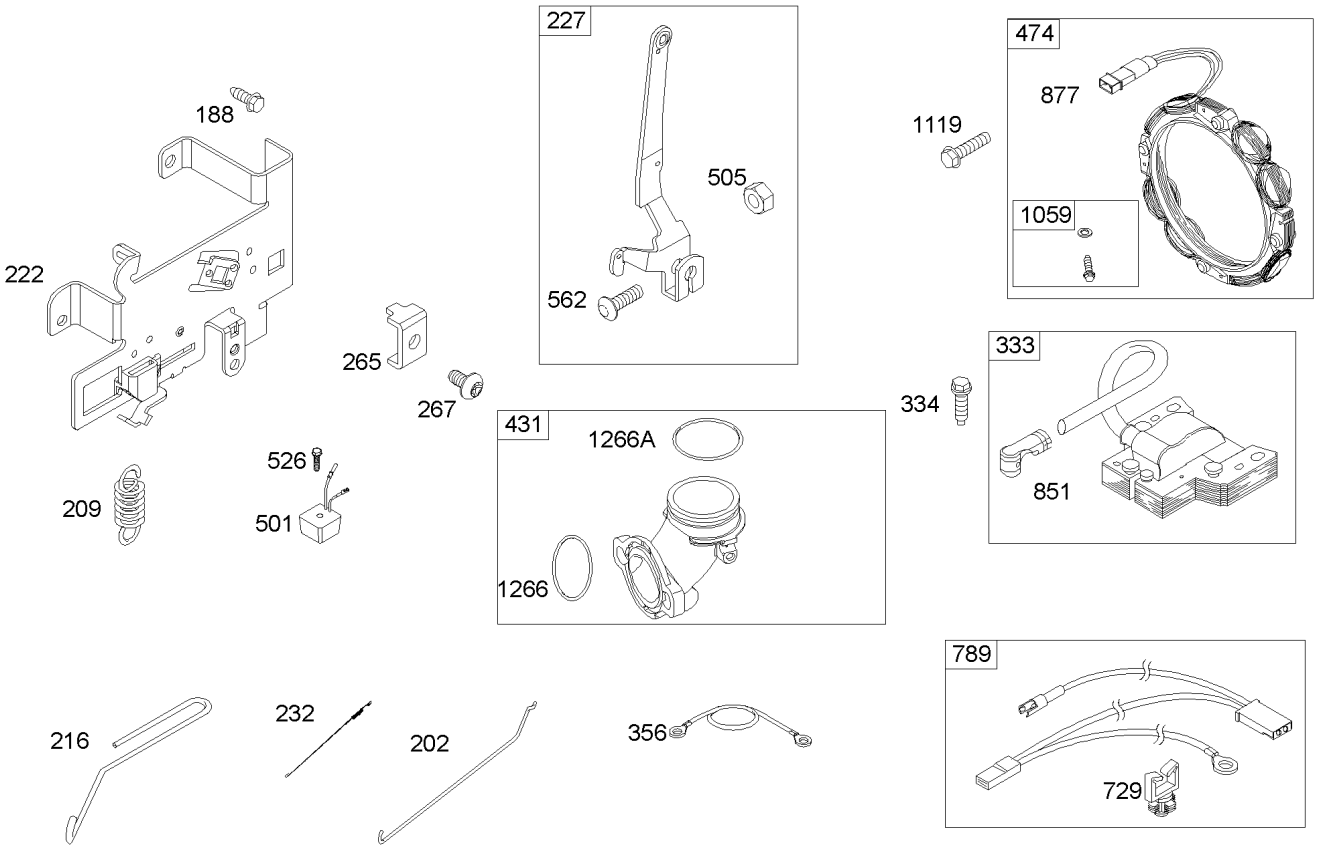


Assemblies include all parts shown in frames.

Carburetor Assembly
Briggs and Stratton 31M777-0167-E1

Ref	Part No.	Qty.	Description
❸❹51 ❺❼	692137	1	Gasket-Intake
❼53	690227	1	Stud
❺❼93	690602	1	Bushing-Shaft, Throttle
❼94	498030	1	Idle Mixture Kit
❺❼95	691636	1	Screw
❼98	495800	1	Idle Speed Kit
❺❼104	690525	1	Pin-Hinge, Carburetor Float
❺❼105	231855	1	Valve-Needle, Float
❺❼106	691780	1	Seat–Inlet
❼108	690464	1	Valve–Choke
❺❼117	694352	1	Jet-Main (STD)
❼118	697220	1	Jet–Main (High Altitude)
❼125	699937	1	Carburetor
❼127	695005	1	Plug-Welch
❼130	691750	1	Valve-Throttle
❼131	494379	1	Throttle Shaft Kit
❼133	494381	1	Float-Carburetor
❺❻137 ❼	281165	1	Gasket-Bowl, Float
❼141	495097	1	Choke Shaft Kit
❺❼142	697140	1	Nozzle-Carburetor
❼186	698174	1	Connector-Hose
❼187	697098	1	Line-Fuel

Ref	Part No.	Qty.	Description
❼231	691636	1	Screw
❼240	695666	1	Filter–Fuel
❺❻276 ❼	692255	1	Washer-Sealing
❼601	95162	1	Clamp-Hose
❺❼634	690801	1	Spring / Seal ASM
❼654	690958	1	Nut
❼692	690572	1	Spring-Detent
❼947	694393	1	Solenoid-Fuel
❼950	691657	1	Screw
❼975	495933	1	Bowl-Float
❺❼987	691326	1	Seal-Shaft, Throttle
❼1091	691333	1	Cap-Limiter

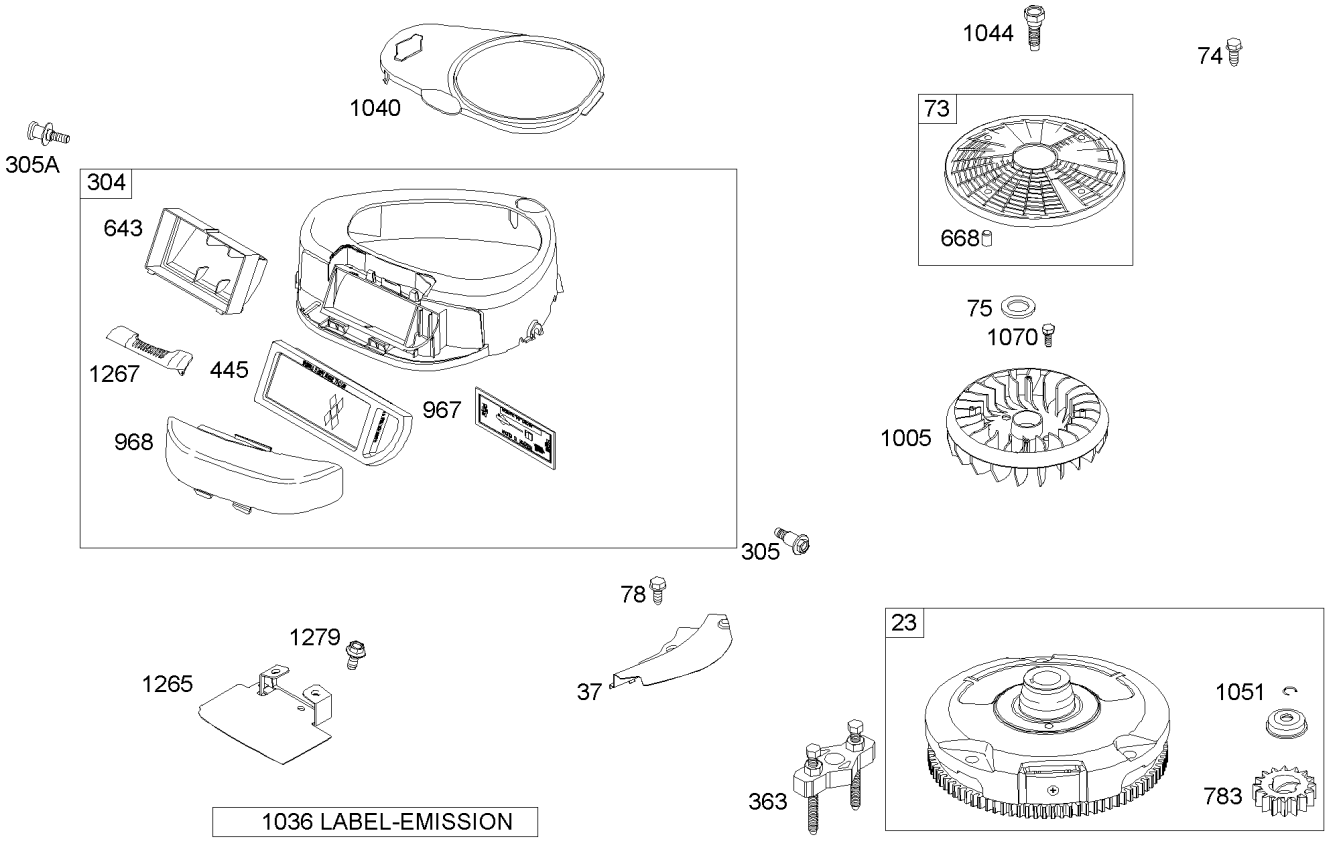


Assemblies include all parts shown in frames.

Governor Assembly
Briggs and Stratton 31M777-0167-E1

Ref	Part No.	Qty.	Description
❼188	691693	1	Screw
❼202	691841	1	Link-Governor, Mechanical
❼209	692208	1	Spring-Governor
❼216	691840	1	Link-Choke
❼222	694042	1	Bracket-Control
❼227	691374	1	Lever-Control, Governor
❼232	691842	1	Spring-Link, Governor
❼265	691024	1	Clamp-Casing
❼267	695134	1	Screw
❼333	492341	1	Armature-Magneto
❼334	691061	1	Screw
❼356	697089	1	Stop-Wire
❼431	697122	1	Elbow-Intake
❼474	696458	1	Alternator
❼501	691185	1	Regulator
❼505	691251	1	Nut
❼526	697348	1	Screw
❼562	691119	1	Screw
❼729	691335	1	Clip–Wire
❼789	692037	1	Wiring-Harness
❼851	493880	1	Terminal-Spark Plug
❼877	399916	1	Connector-Wire, Alternator
❼1059	698516	1	Screw And Washer Kit
❼1119	691183	1	Screw

Ref	Part No.	Qty.	Description
❸❼1266	691917	1	Seal-O Ring
❸❼1266A	697123	1	Seal-O Ring

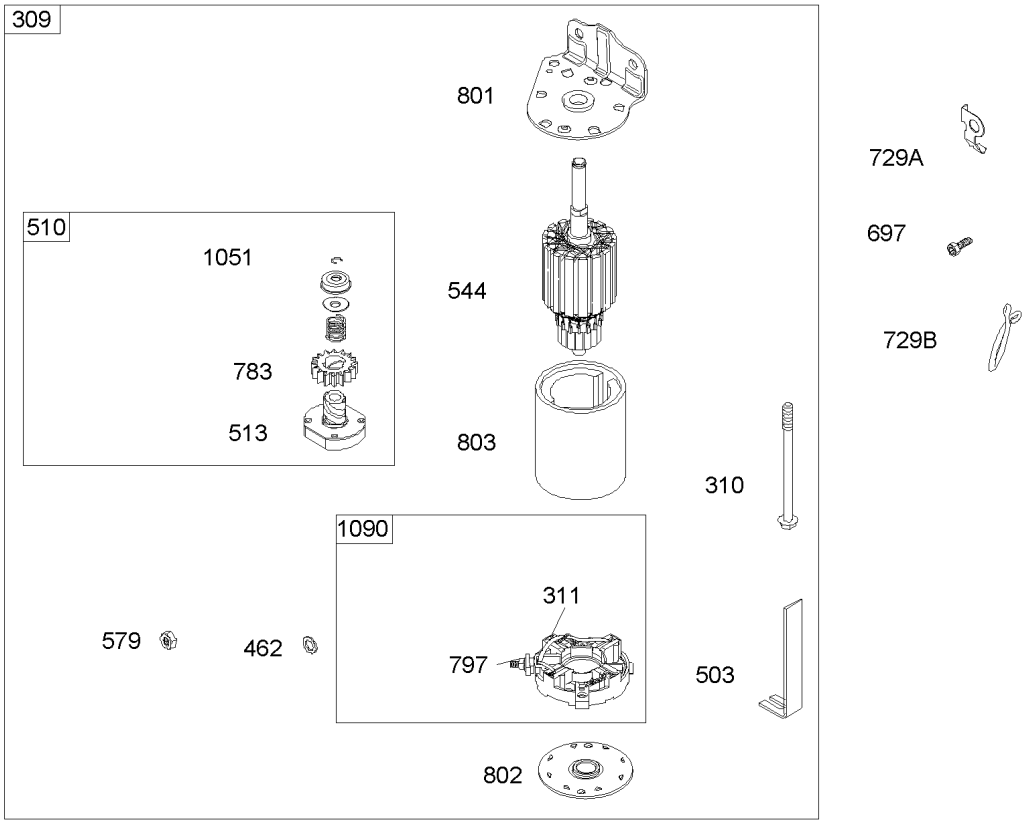


Assemblies include all parts shown in frames.

Blower Housing Assembly
Briggs and Stratton 31M777-0167-E1

Ref	Part No.	Qty.	Description
❼23	693556	1	Flywheel
❼37	697108	1	Guard–Flywheel
❼73	697133	1	Screen-Rotating
❼74	697897	1	Screw
❼75	690582	1	Washer-Flywheel
❼78	691003	1	Screw
❼304	698420	1	Housing–Blower
❼305	697102	1	Screw
❼305A	697103	1	Screw
❼363	19203	1	Puller-Flywheel
❼445	697153	1	Filter–Cartridge, Air Cleaner
❼643	698401	1	Retainer-Filter, Air
❼668	691500	1	Spacer
❼783	693713	1	Gear-Pinion
❼967	697015	1	Filter-Cleaner, Pre
❼968	697574	1	Cover–Air Cleaner
❼1005	697111	1	Fan–Flywheel
❼1036	695700	1	Label–Emission
❼1040	698470	1	Trim–Plate
❼1044	691658	1	Screw-Crankshaft Extension
❼1051	691265	1	Ring-Retaining
❼1070	690372	1	Screw
❼1265	697125	1	Support–Housing, Blower
❼1267	697575	1	Latch–Housing, Blower

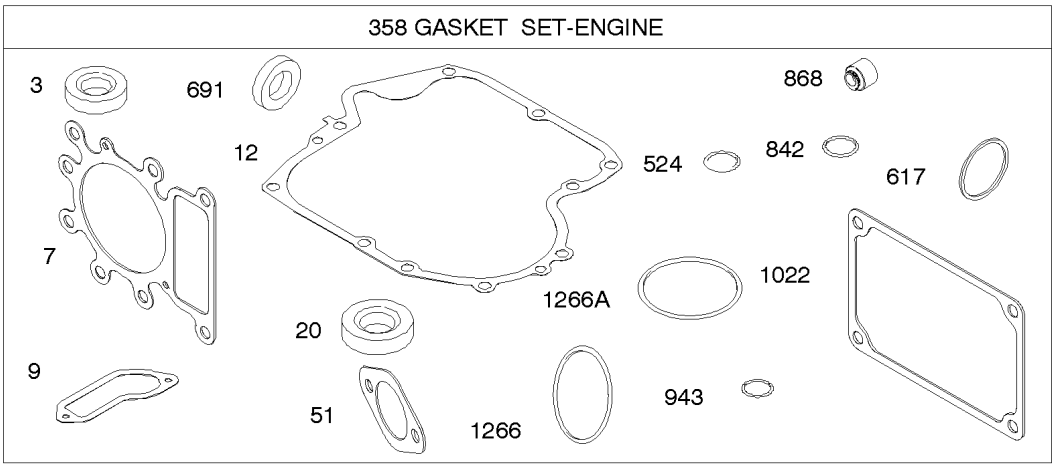
Ref	Part No.	Qty.	Description
❼1279	690960	1	Screw

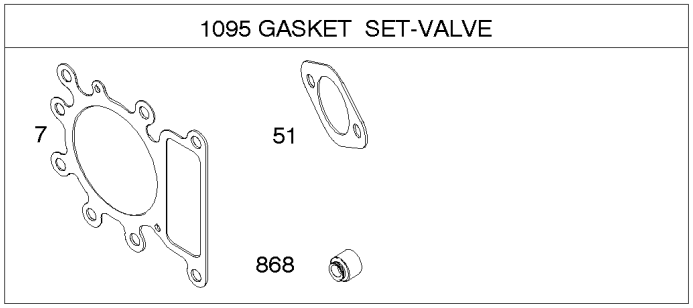


Assemblies include all parts shown in frames.

Starter Assembly
Briggs and Stratton 31M777-0167-E1

Ref	Part No.	Qty.	Description
❼309	693551	1	Motor-Starter
❼310	690323	1	Bolt
❼311	497608	1	Brush Set
❼462	691261	1	Washer
❼503	691532	1	Strap-Starter
❼510	693699	1	Drive-Starter
❼513	692024	1	Clutch-Drive
❼544	692034	1	Armature-Starter
❼579	691029	1	Nut
❼697	690372	1	Screw
❼729A	691224	1	Clip-Wire
❼729B	694123	1	Clip–Wire
❼783	693713	1	Gear-Pinion
❼797	693167	1	Nut
❼801	691283	1	Cap-Drive
❼802	691286	1	Cap-End
❼803	693757	1	Housing-Starter
❼1051	691265	1	Ring-Retaining
❼1090	691293	1	Retainer-Brush

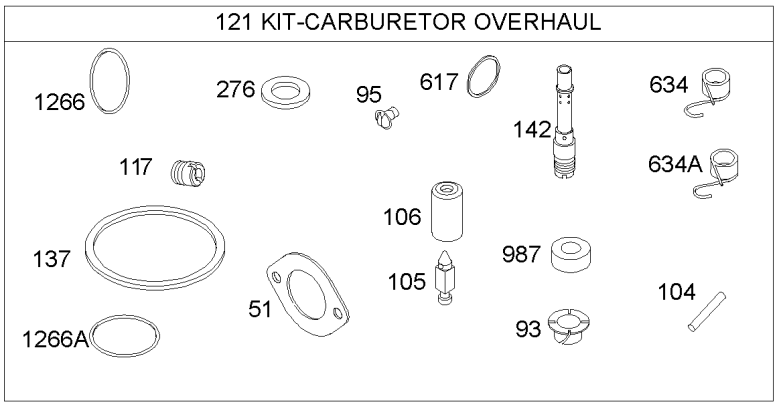


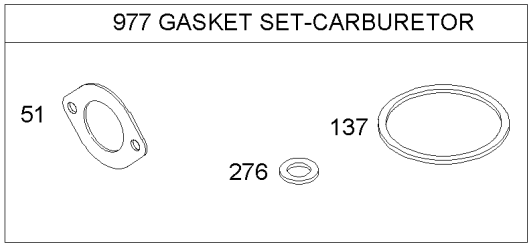


Assemblies include all parts shown in frames.

Gasket Assembly
Briggs and Stratton 31M777-0167-E1

Ref	Part No.	Qty.	Description
❸❼3	391086	1	Seal-Oil
❸❹7 ❼	692410	1	Gasket–Cylinder Head
❸❼9	697109	1	Gasket-Breather
❸❼12	697110	1	Gasket-Crankcase
❸❼20	690947	1	Seal-Oil
❸❹51 ❺❼	692137	1	Gasket-Intake
❼358	697191	1	Gasket Set–Engine
❸❺617 ❼	692138	1	Seal-O Ring
❸❼524	691032	1	Seal, O-Ring
❸❼691	692407	1	Seal-Shaft, Governor
❸❼842	691031	1	Seal-O Ring
❸❹868 ❼	690968	1	Seal-Valve
❸❼943	690589	1	Seal, O-Ring
❸❼1022	272475	1	Gasket-Cover, Rocker
❼1095	691581	1	Valve Gasket Set
❸❺1266 ❼	691917	1	Seal-O Ring
❸❺1266A ❼	697123	1	Seal-O Ring





Assemblies include all parts shown in frames.

Carburetor Overhaul Kit Assembly
Briggs and Stratton 31M777-0167-E1

Ref	Part No.	Qty.	Description
❸❹51 ❺❼	692137	1	Gasket-Intake
❺❼93	690602	1	Bushing-Shaft, Throttle
❺❼95	691636	1	Screw
❺❼104	690525	1	Pin-Hinge, Carburetor Float
❺❼105	231855	1	Valve-Needle, Float
❺❼106	690577	1	Seat-Inlet
❺❼117	694352	1	Jet-Main (STD)
❼121	697241	1	Carburetor Overhaul Kit
❺❻137 ❼	281165	1	Gasket-Bowl, Float
❺❼142	697140	1	Nozzle-Carburetor
❺❻276 ❼	692255	1	Washer-Sealing
❸❺617 ❼	692138	1	Seal-O Ring
❺❼634	690801	1	Spring / Seal ASM
❺❼634A	690802	1	Spring And Seal ASM
❼977	690192	1	Carburetor Gasket Set
❺❼987	691326	1	Seal-Shaft, Throttle
❸❺1266 ❼	691917	1	Seal-O Ring
❸❺1266A ❼	697123	1	Seal-O Ring

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