



17-44ZX

TimeCutter™ ZX Riding Mower

Model No. 74502 - 230000001 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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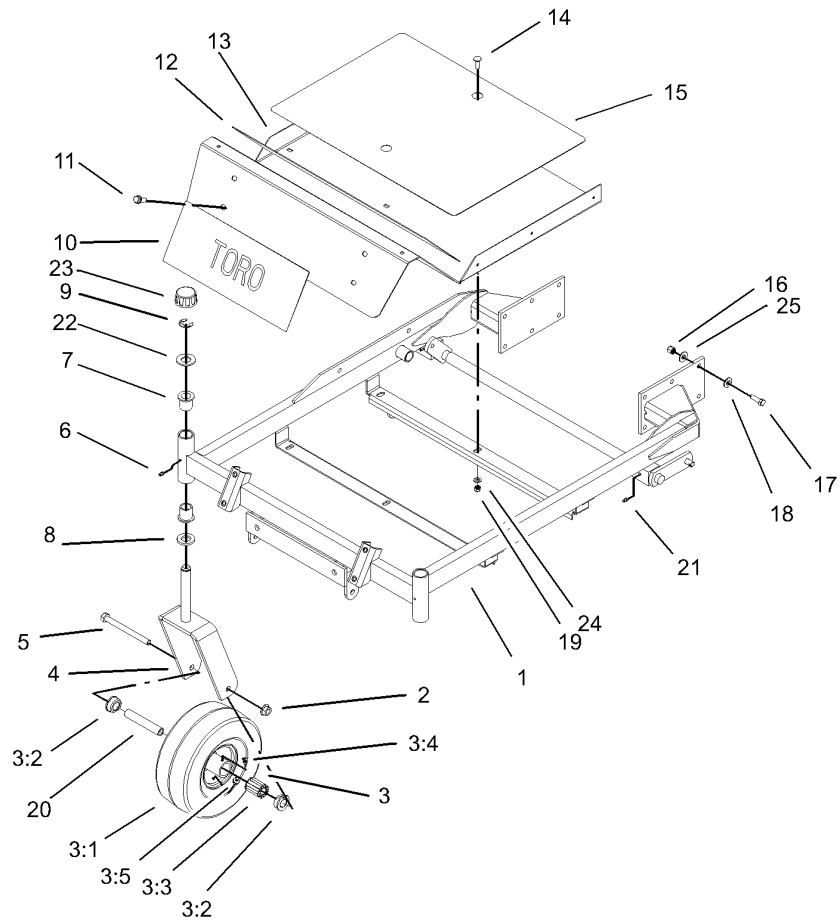
Part Description Abbreviations

Part descriptions in this catalog may include the following abbreviations.

AR. as required	HYD. hydraulic
ASM. assembly	LH. left hand
BBC. blade brake clutch	NI. nylon insert
CARR. carriage	NPTF. national pipe thread fine
DEG. degrees	PFH. phillips flat head
EXT. external	PPH. phillips pan head
FH. flat head	PPHTF. phillips pan head thread forming
GA. gauge	PRH. phillips round head
HD. heavy-duty	PTH. phillips truss head
HF. hex flange	PTO. power-take-off
HH. hex head	RH. right hand
HHE. hex head flange	ROPS. roll-over protection system
HHFTF. hex head flange thread forming	SFH. slotted fillister head
HJ. hex jam	SHH. slotted hex head
HLH. hex lag head	SHWH. slotted hex washer head
HOC. height-of-cut	SPH. slotted pan head
HSBH. hex socket button head	SQH. square head
HSFH. hex socket flat head	SRH. slotted round head
HSH. hex socket head	STD. standard
HWH. hex washer head	TAP. self tapping
HWHTF. hex washer head thread forming	TTH. torx truss head

Footnotes

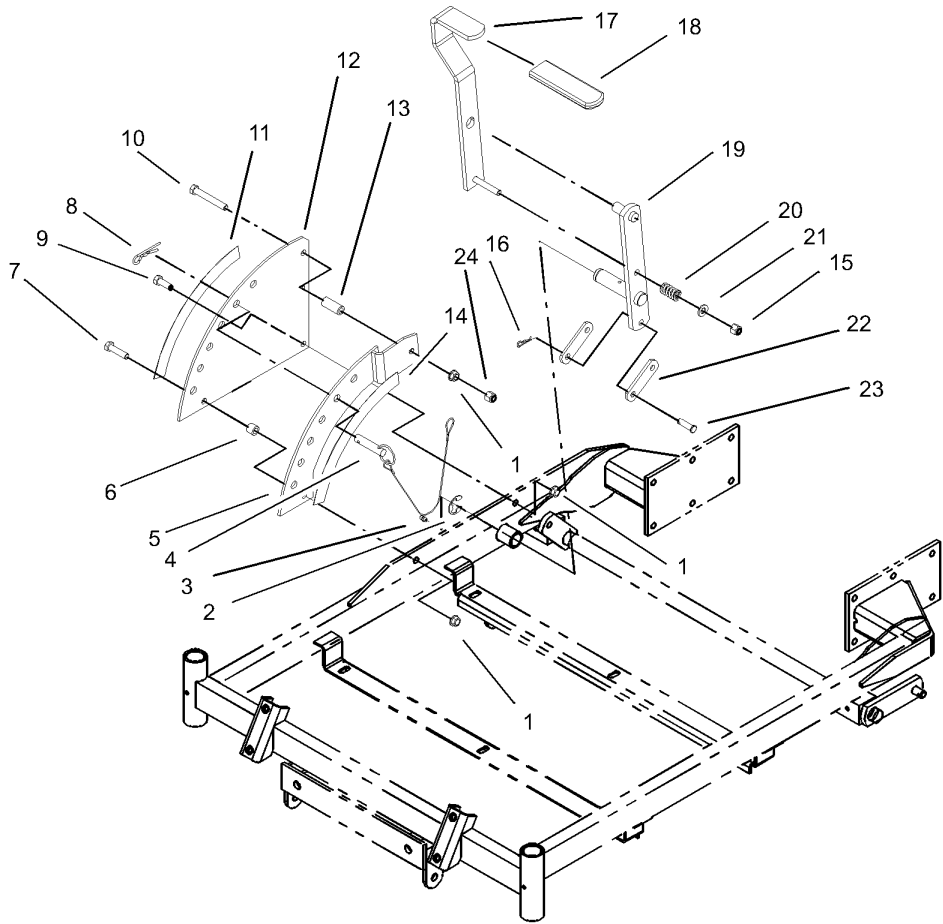
- | | |
|---|---|
| ❶ Not illustrated | ❷ Not serviced separately |
| ❸ Included in Engine Gasket Set-Ref. 358. | ❹ Included in Valve Gasket Set-Ref. 1095. |
| ❺ Included in Carburetor Overhaul Kit-Ref. 121. | ❻ Included in Carburetor Gasket Set-Ref. 977. |
| ❼ Obtain from your local Briggs & Stratton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



Front Frame Assembly

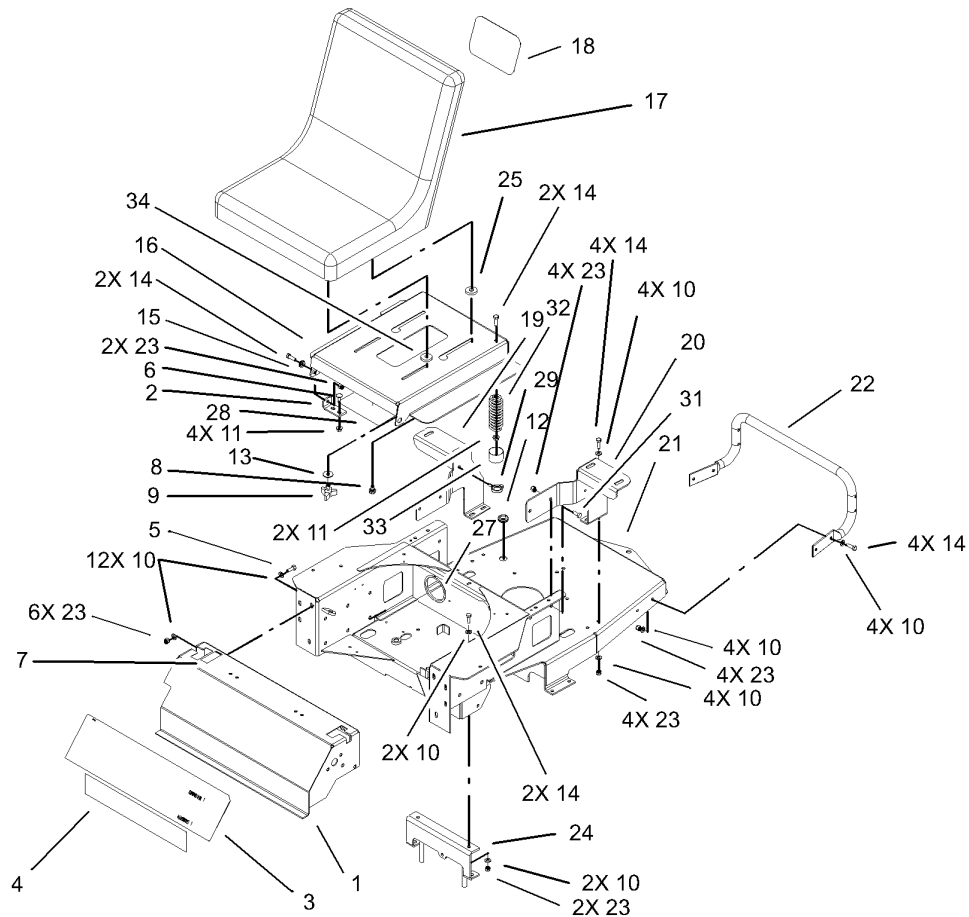
Ref	Part No.	Qty.	Description
1	100-7357-01	1	Carrier Frame ASM
2	32128-23	2	Nut-HF
3	100-7364	2	Caster Wheel ASM
3:1	105-1943	1	Tire
3:2	62-5580	2	Bearing-Outside
3:3	83-4740	1	Bearing
3:4	302-11	1	Fitting-Lube, 45 DEG
3:5	232-27	1	Stem-Valve
①	93-4244	1	Tube-Inner (W/Valve)
4	100-7363-01	2	Caster Fork 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

Ref	Part No.	Qty.	Description
19	3296-29	6	Nut-Lock, NI
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

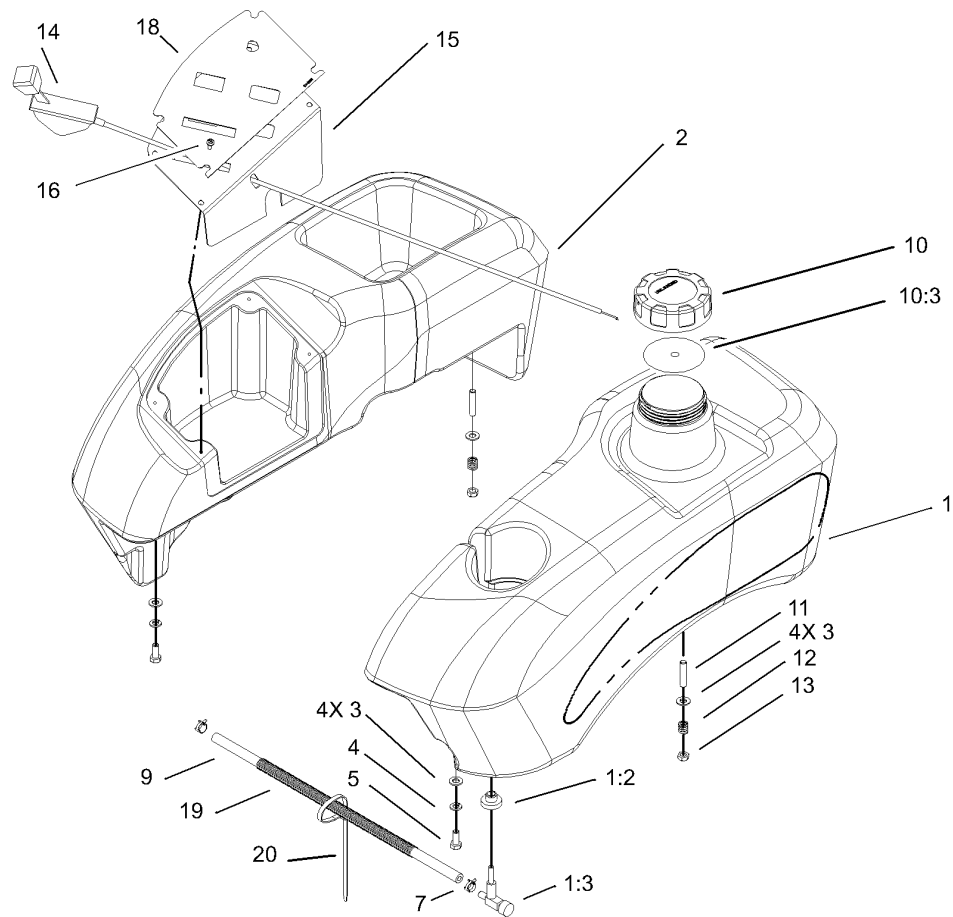
Ref	Part No.	Qty.	Description				
1	3290-357	3	Nut-HHF, Whiz				
2	32151-103	1	Ring-Snap				
3	302-5	1	Fitting-Grease				
4	104-3678	1	Pin-Hitch				
5	100-7335-01	1	Plate-Lift				
6	1-413088	1	Bushing-Lever, Lift				
7	323-8	1	Screw-HH				
8	1-806005	1	Pin-Hair				
9	323-6	1	Screw-HH				
10	323-13	1	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 and Seat Assembly

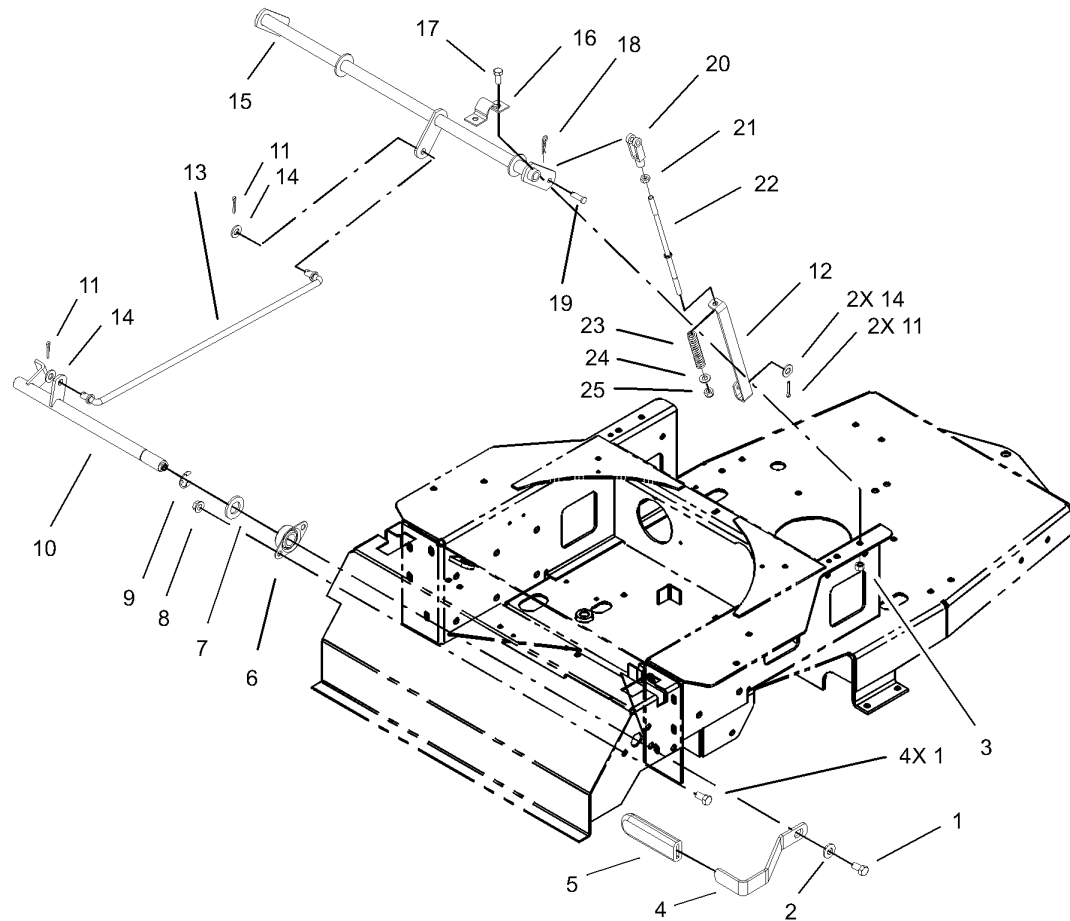
Ref	Part No.	Qty.	Description
1	104-8040-03	1	Console
2	104-8057-03	2	Bracket-Pivot
3	104-8014	1	Decal-Console
4	106-2205	1	Decal
5	322-4	6	Screw-HH
6	104-8049	4	Screw-CARR
7	1-633354	2	Decal-Control, Motion
8	92-6986	2	Bolt-Shoulder
9	106-2240	2	Knob
10	3256-23	32	Washer-Flat
11	32128-25	6	Nut-HF
12	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	105-6962	1	Seat
18	93-7340	1	Decal
19	100-7376-01	1	Bracket-RH
20	100-7368-01	1	Bracket-LH
21	105-7018-01	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	104-8088	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



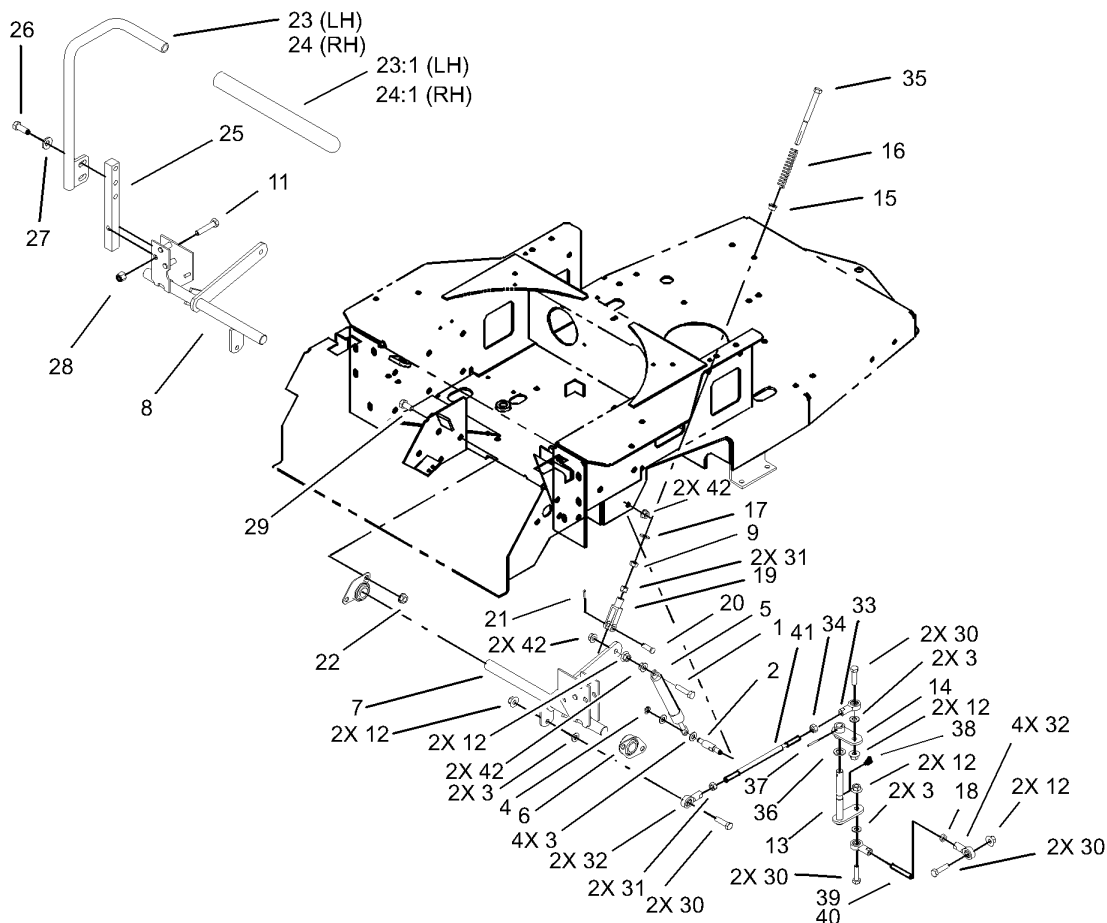
Fuel Tank and Control Pod Assembly

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	104-3629	1	Line-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

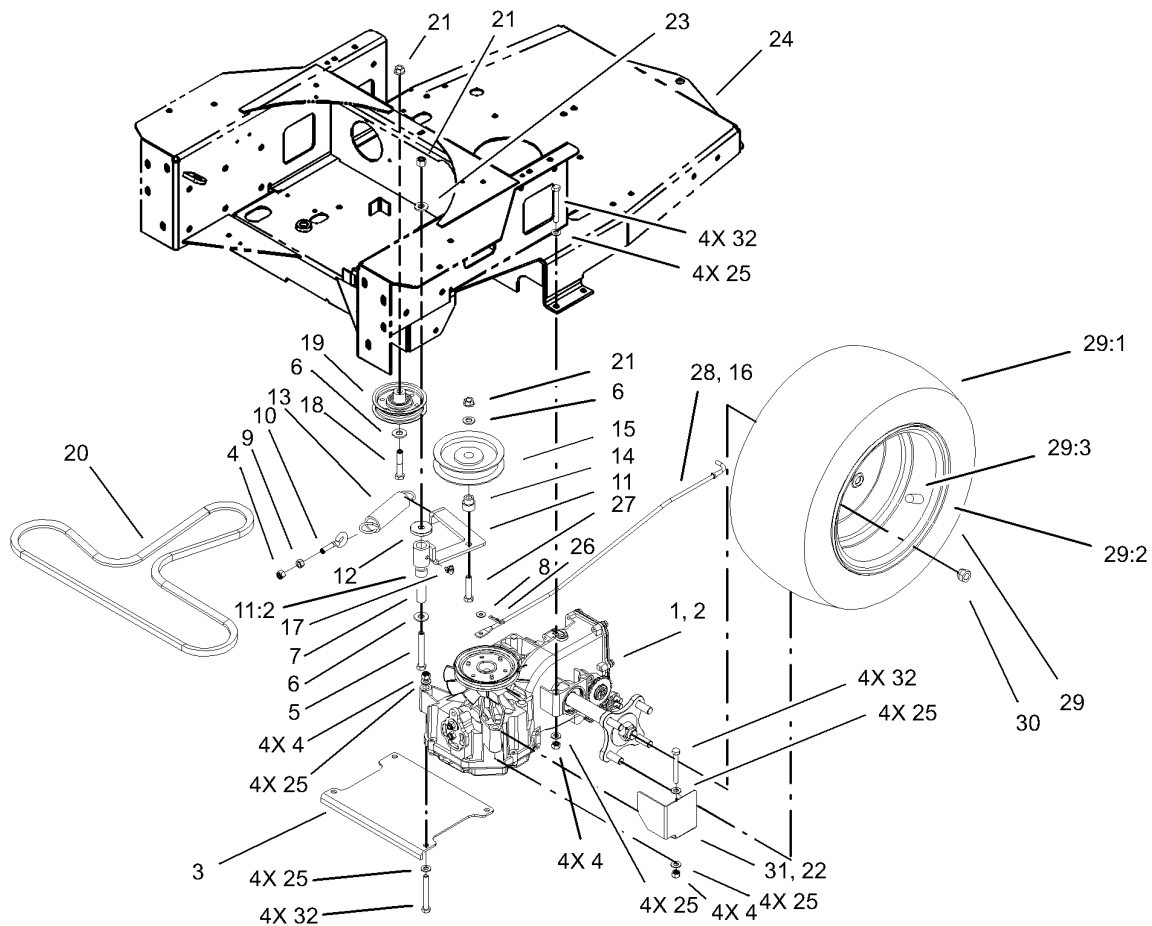
Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	323-4	5	Screw-HH	25	3296-4	2	Nut-Lock
2	98-5975	1	Washer-Belleville				
3	3296-29	4	Nut-Lock, NI				
4	100-7346-03	1	Handle-Brake, Park				
5	1-633268	1	Grip-Lever, Brake				
6	1-633102	2	Bearing-Flange, Side				
7	1-303007	1	Washer				
8	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				



Motion Control Assembly

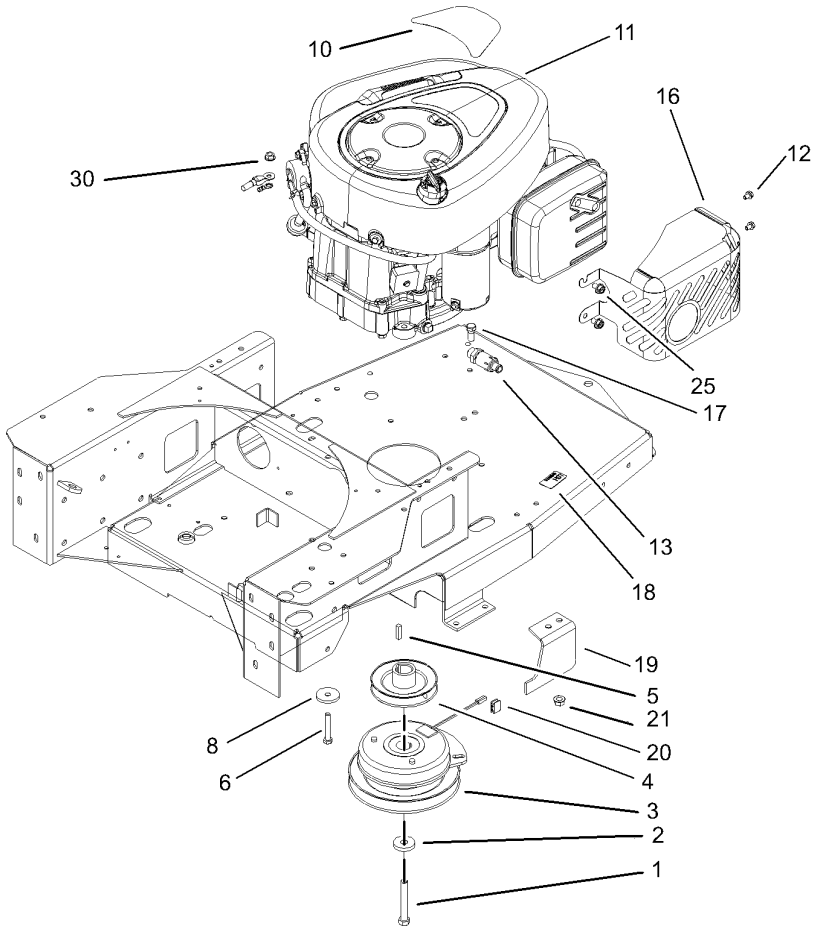
Ref	Part No.	Qty.	Description
1	1-403180	2	Screw-HH
2	1-653316	2	Pin-Damper
3	3256-23	10	Washer-Flat
4	32120-35	2	Ring-Retaining, EXT
5	103-2913	2	Damper-Control, Motion
6	1-633102	4	Bearing-Flange, Side
7	100-7341	1	Bracket-Motion Control, LH
8	100-7340	1	Bracket-Motion Control, RH
9	3296-4	2	Nut-Lock
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



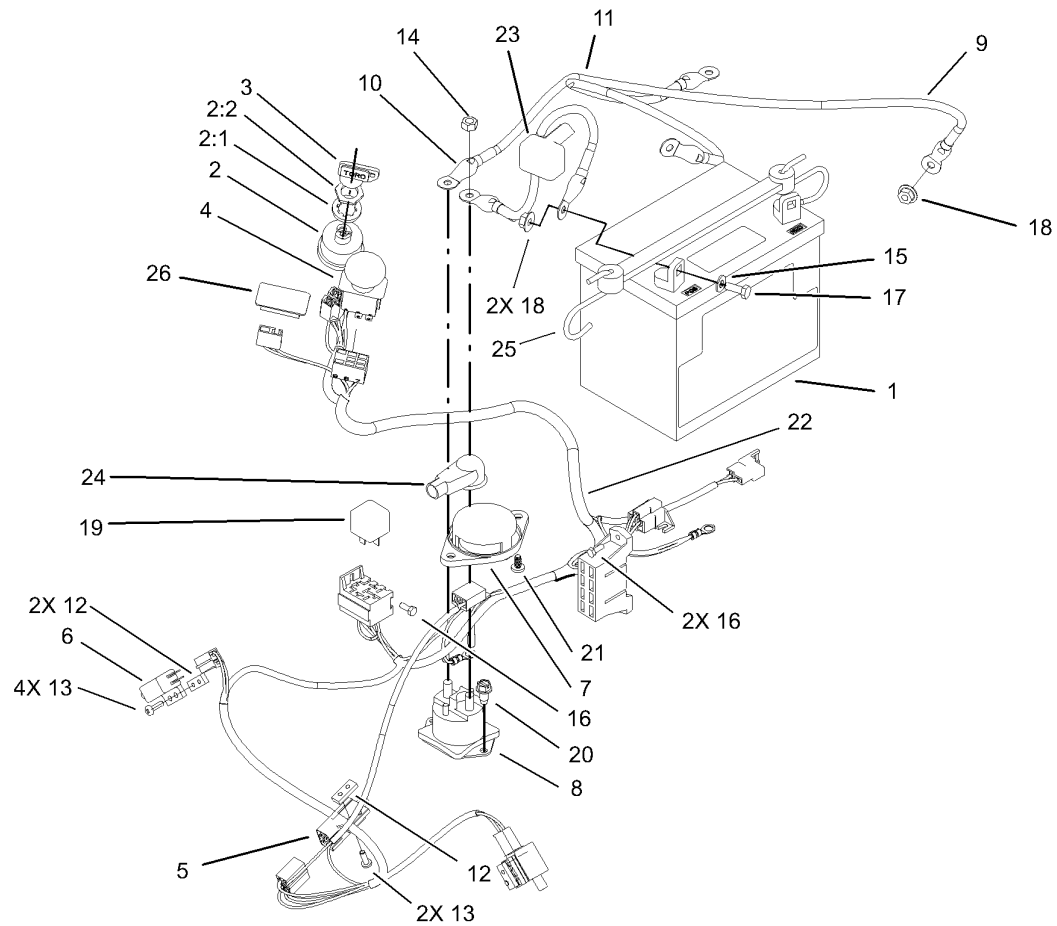
Hydro and Belt Drive Assembly

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	107-1709	1	Hydro-LH	24	104-8008	1	Decal-Transport
2	107-1708	1	Hydro-RH	25	3256-23	24	Washer-Flat
3	100-7317-03	1	Plate-Hydro, Lower	26	1-806003	2	Pin-Hair
4	3296-29	13	Nut-Lock, NI	27	323-9	1	Screw-HH
5	323-13	1	Screw-HH	28	104-3669	1	Rod-LH
6	3256-4	3	Washer-Flat	29	105-1944	2	Wheel And Tire ASM
7	1-603044	1	Bushing	29:1	105-1944	1	Tire
8	3256-1	2	Washer-Flat	29:2	105-1946	1	Wheel
9	32128-20	1	Nut-HF	29:3	232-27	1	Stem-Valve
10	55-9420	1	Bolt-Eye	30	242-50	8	Nut-Lug
11	104-3614	1	Idler Arm ASM	31	104-8013-03	1	Guard-Fan, RH
11:2	1-513034	2	Sleeve-Bearing	32	322-13	12	Screw-HH
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				



Engine and Clutch Assembly

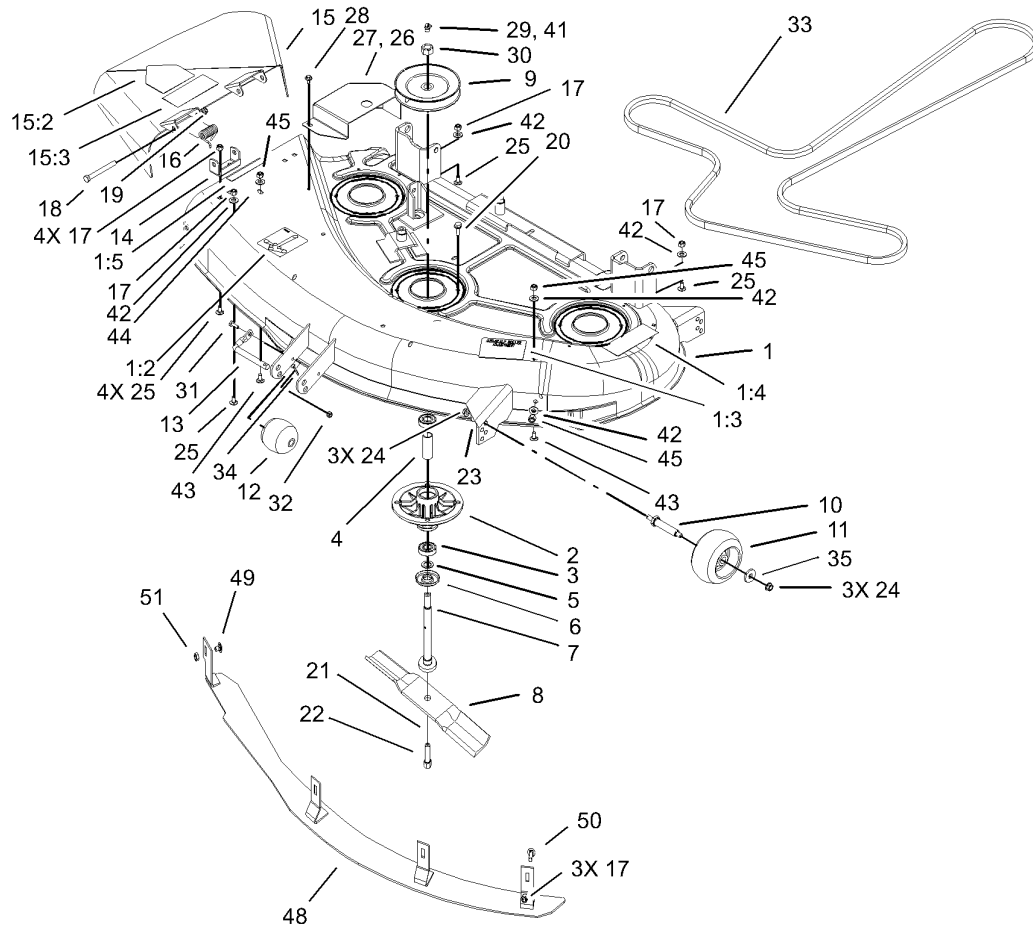
Ref	Part No.	Qty.	Description				
1	3212-12	1	Screw-HH				
2	112843	1	Washer				
3	104-3624	1	Clutch				
4	100-7314	1	Pump Drive Pulley ASM				
5	5-7280	1	Key				
6	322-7	4	Screw-HH				
8	62-7190	4	Spacer-Steel				
10	106-6410	1	Decal-Engine				
11		1	Engine-17Hp Briggs And Stratton Model No. 31F777-0161-E1				
12	99-8445	2	Screw-HWH				
13	92-6877	1	Valve-Drain, Oil				
16	105-6993	1	Guard-Muffler				
17	323-4	2	Screw-HH				
18	65-2690	1	Decal-Surface, Hot				
19	104-3613-03	1	Stop-Clutch				
20	98-5023	1	Bumper				
21	32128-21	2	Nut-HF				
25	3234-28	2	Screw-HHF				
30	32128-25	4	Nut-HF				



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	28-4210	1	Solenoid
9	28-3891	1	Wire-Solenoid/Starter
10	93-1189	1	Wire ASM
11	93-0324	1	Cable
12	1-633181	3	Plate-Tapped
13	32144-8	6	Screw-PPHTF
14	32149-1	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	104-3687	1	Harness-Wire

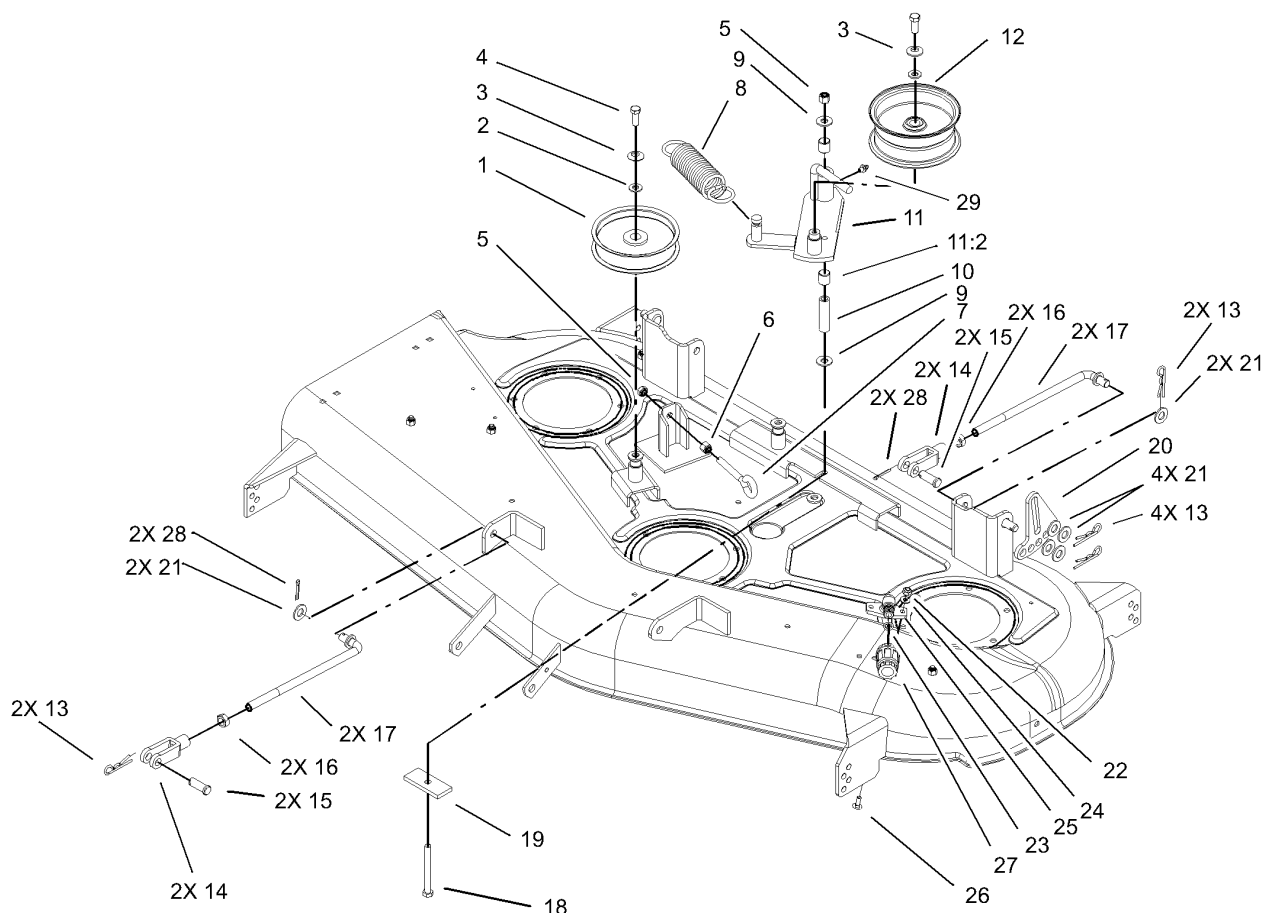
Ref	Part No.	Qty.	Description
●22:1	109102	1	Fuse-25 Amp
●22:2	109103	1	Fuse-30 Amp
23	28-8080	1	Boot-Terminal
24	93-3190	1	Boot-Insulator, Terminal
25	104-2466	1	Holddown-Battery
26	99-7420	1	Plug-Hole



44in 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	109966	6	Bearing-Ball
4	94-7959	3	Spacer - Bearing
5	80-4380	3	Spacer
6	80-4360	3	Shield-Bearing
7	94-7547	3	Shaft-Center, Spindle
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

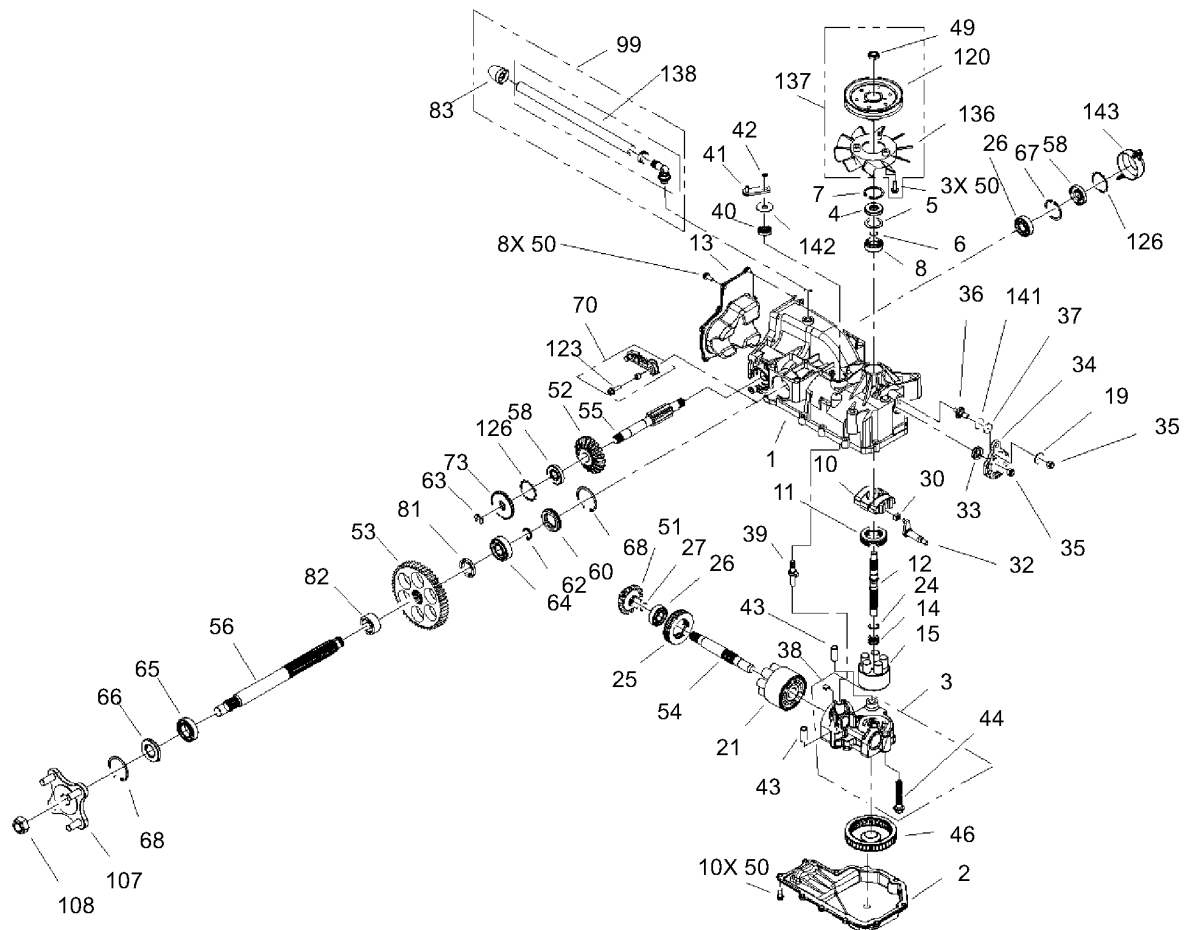
Ref	Part No.	Qty.	Description
19	3296-5	2	Nut-Lock
20	32144-41	12	Screw-Taptite
21	3290-465	3	Washer-Belleville
22	26-0671	3	Screw-Blade
23	98-5975	3	Washer-Belleville
24	3290-357	6	Nut-HHF, Whiz
25	3230-18	7	Screw-CARR
26	104-3646-01	1	Cover-Belt, LH
27	104-3645-01	1	Cover-Belt, RH
28	46-8560	4	Screw-HHF
29	302-5	2	Fitting-Grease
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
41	302-60	1	Fitting-Grease, 90 DEG
42	3256-24	4	Washer-Flat
43	3231-21	2	Screw-CARR
44	3256-5	1	Washer-Flat
45	3296-39	3	Nut-Lock, NI
48	93-9950-03	1	Baffle
49	3230-19	1	Screw-CARR



44in 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

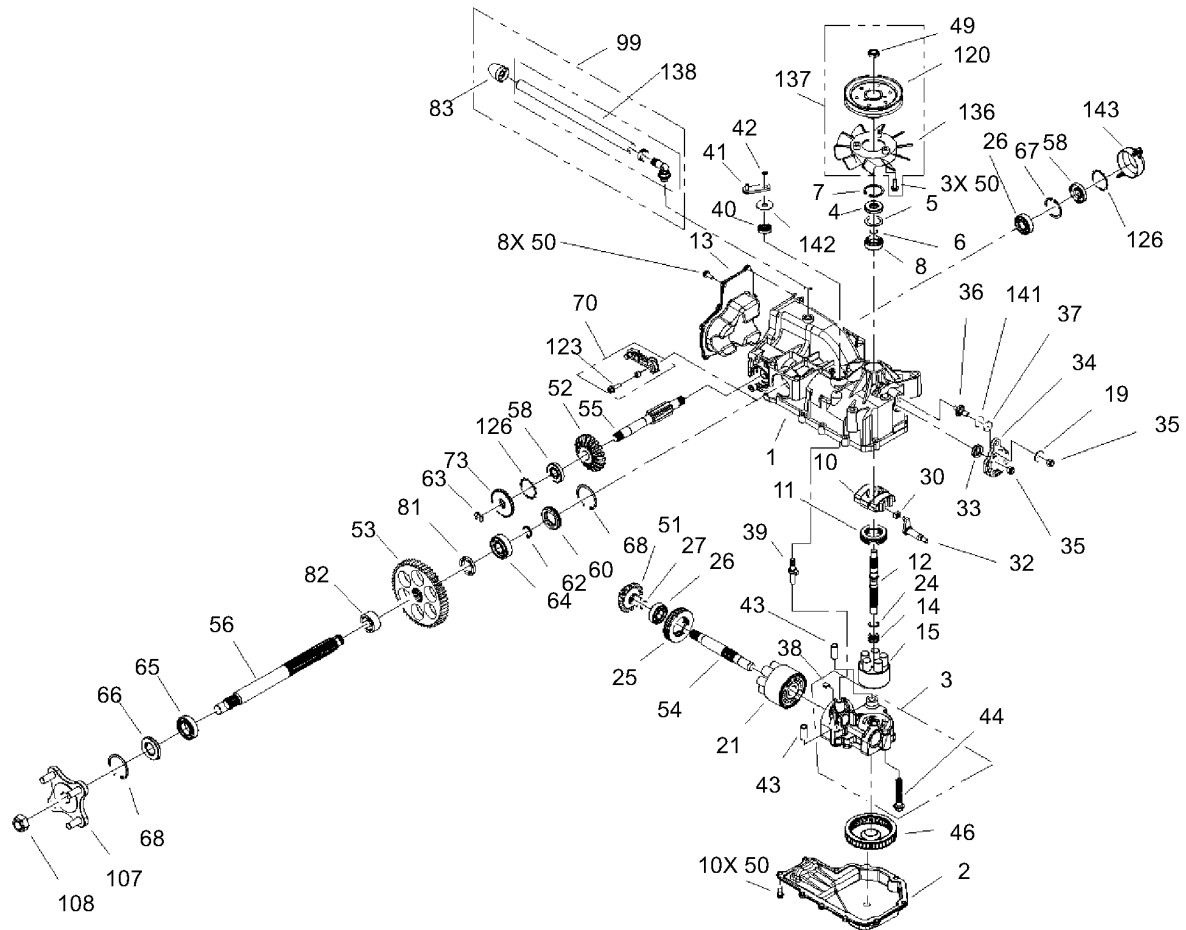
Ref	Part No.	Qty.	Description
24	3256-1	2	Washer-Flat
25	95-2747	1	Fitting-Washout
26	3229-1	2	Screw-CARR
27	95-3270	1	Connector-Hose
28	3272-10	4	Pin-Cotter
29	302-19	1	Fitting-Grease



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

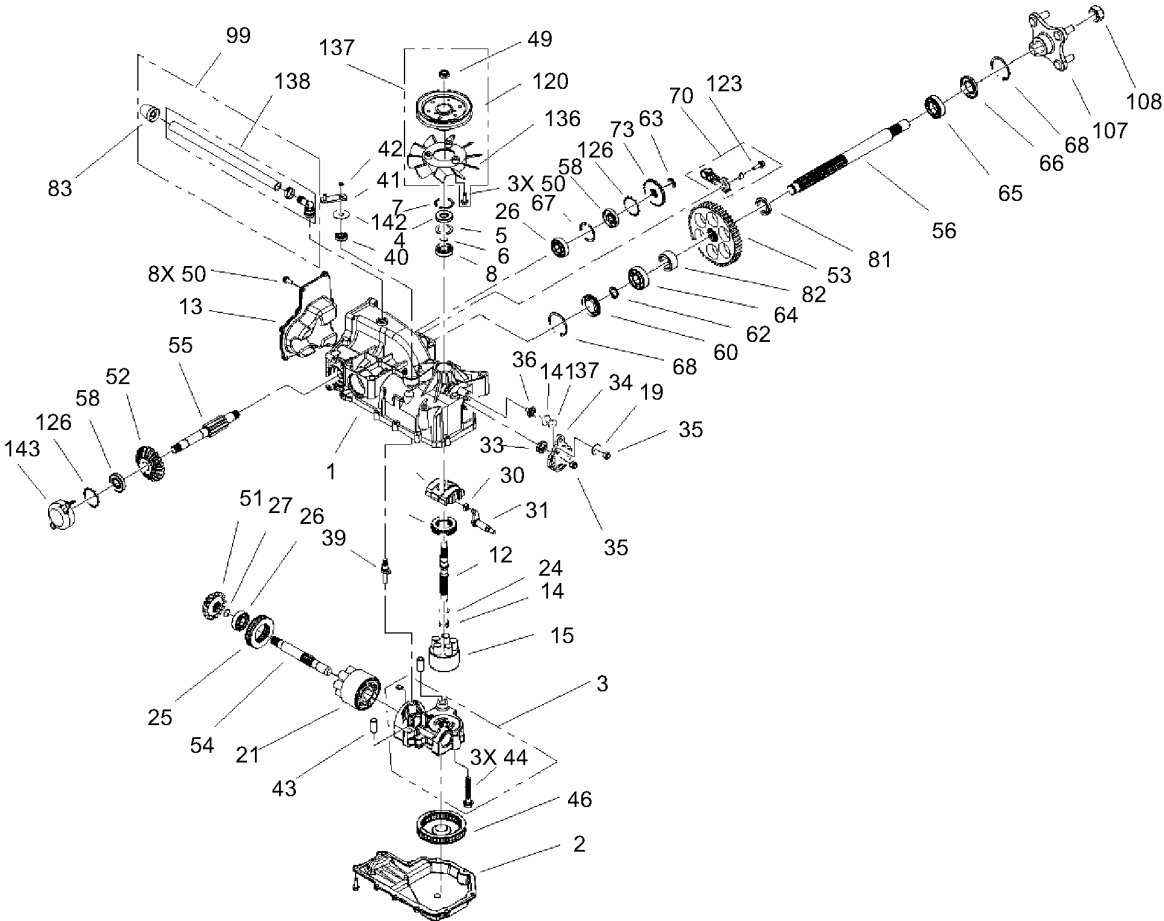


RH Hydro Transaxle Assembly No. 107-1708 (continued)

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				

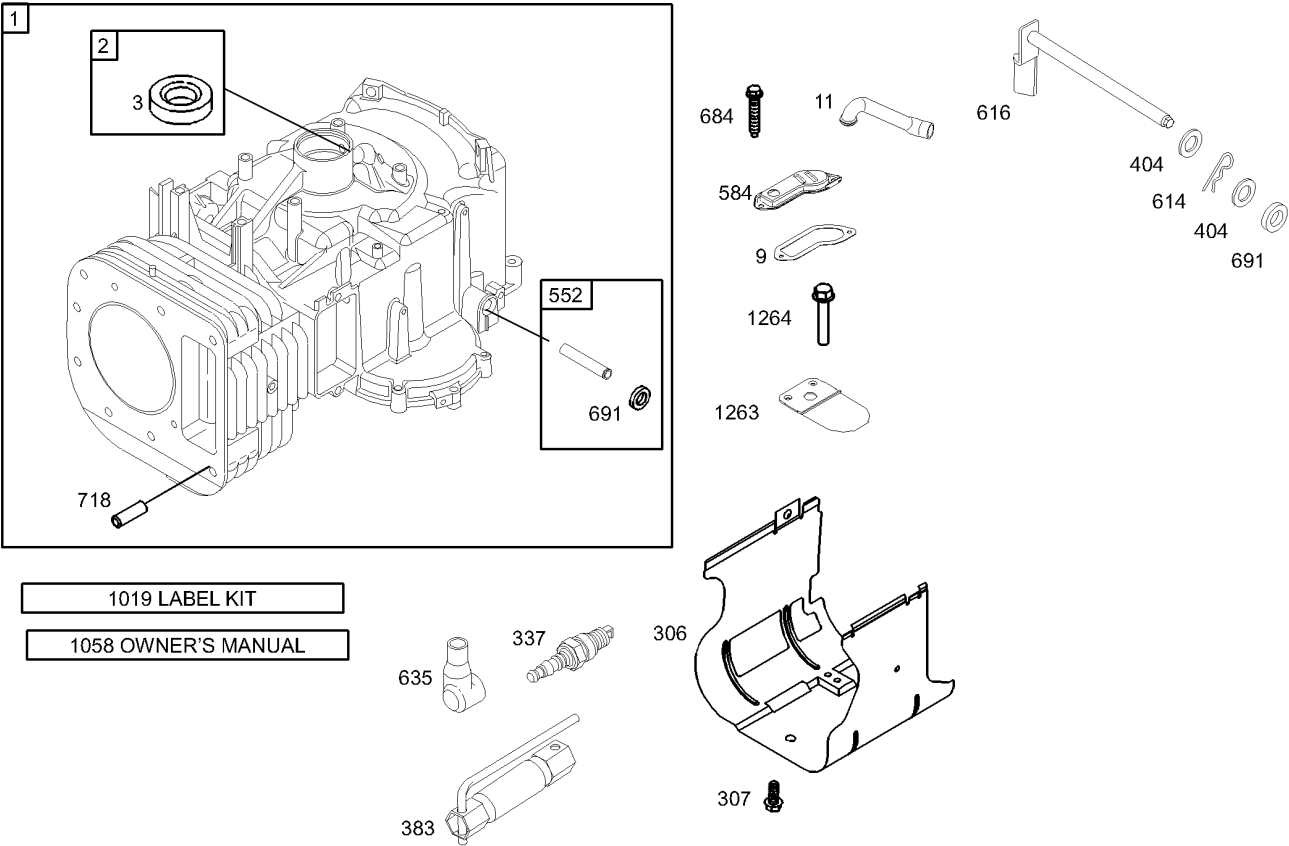


Ref	Part No.	Qty.	Description
35	105-1872	2	Nut
36	104-2116	1	Stud
37	105-1873	1	Puck-Friction
38	94-6925	1	Plate-Bypass
39	94-1914	1	Actuator-Bypass
40	92-6545	1	Seal-Lip
41	104-2117	1	Arm-Bypass
42	936109	1	Ring-Retaining
43	94-1927	2	Pin
44	94-6926	3	Bolt
46	105-1874	1	Filter
49	105-1875	1	Nut-Lock
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				

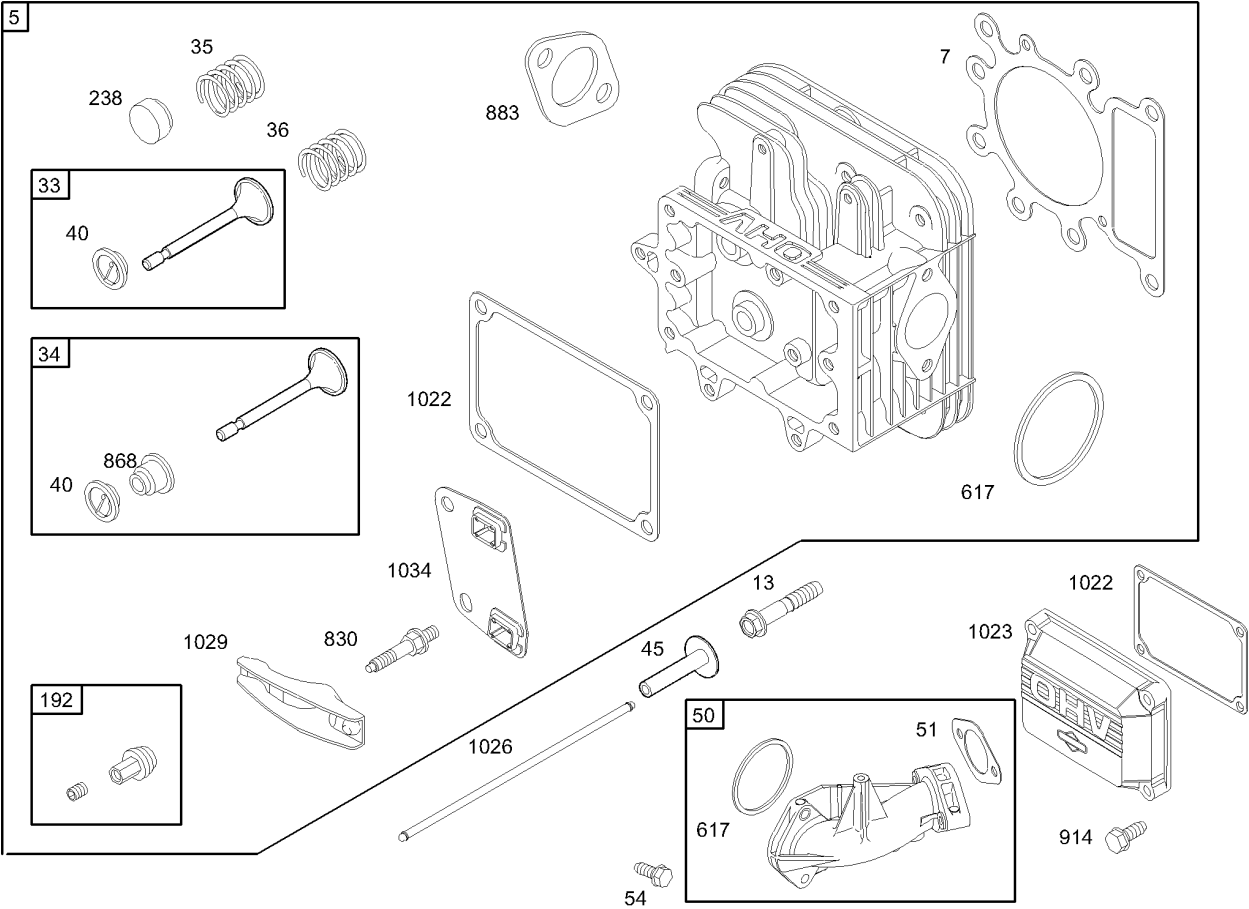


Assemblies include all parts shown in frames.

Cylinder Assembly

Engine Briggs and Stratton Model 31F777-0161-E1

Ref	Part No.	Qty.	Description				
1	697174	1	Cylinder ASM				
2	399265	1	Bushing And Seal Kit				
3	391086	1	Seal-Oil				
9	697109	1	Gasket-Breather				
11	697113	1	Tube-Breather				
48	697762	1	Short Block ASM				
306	697107	1	Shield-Cylinder				
307	691003	1	Screw				
337	691043	1	Spark Plug				
383	89838	1	Wrench-Plug, Spark				
404	691691	1	Washer				
552	697144	1	Bushing-Crank, Governor				
584	697112	1	Cover-Passage, Breather				
614	691620	1	Pin-Cotter				
616	692012	1	Crank-Governor				
635	691909	1	Boot-Spark Plug				
684	697157	1	Screw				
691	692407	1	Seal-Shaft, Governor				
718	690959	1	Pin-Locating				
1019	697143	1	Label Kit				
1058	275038	1	Owner's Manual				
1263	697124	1	Reed-Breather				
1264	697104	1	Screw				

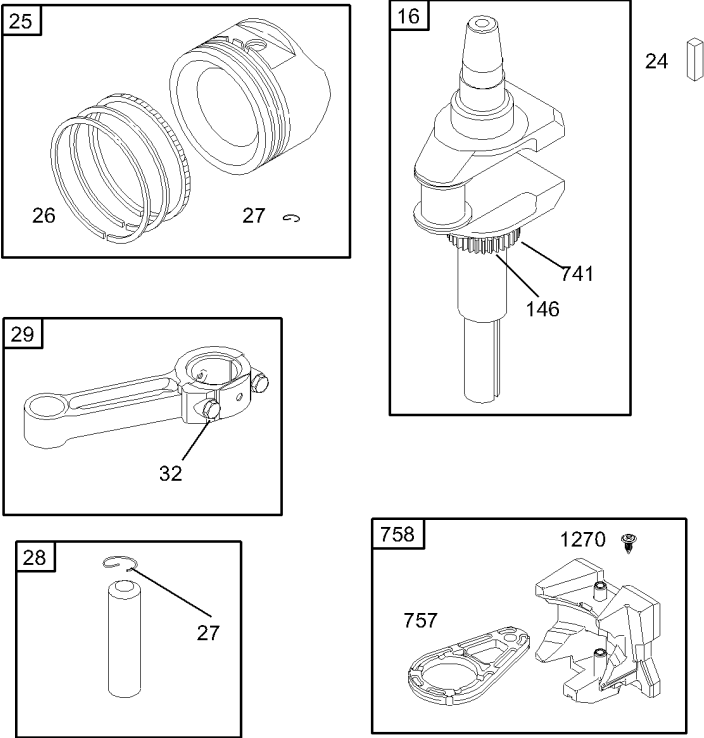


Cylinder Head Assembly

Engine Briggs and Stratton Model 31F777-0161-E1

Ref	Part No.	Qty.	Description
75	698147	1	Head-Cylinder
347	692410	1	Gasket-Cylinder Head
7			
713	690360	1	Screw
733	695760	1	Valve-Exhaust
734	695761	1	Valve-Intake
735	691279	1	Spring-Valve
736	691279	1	Spring-Valve
740	691752	1	Retainer-Valve
745	690564	1	Tappet-Valve
750	690193	1	Manifold-Intake
3451	692137	1	Gasket-Intake
56			
754	691148	1	Screw
7192	691986	1	Adjustor-Arm, Rocker
7238	691843	1	Cap-Valve
35617	692138	1	Seal-O Ring
7			
7830	691095	1	Stud-Arm, Rocker
34868	690968	1	Seal-Valve
7			
7883	692236	1	Gasket-Exhaust
7914	690960	1	Screw
371022	272475	1	Gasket-Cover, Rocker
71023	692492	1	Cover-Rocker

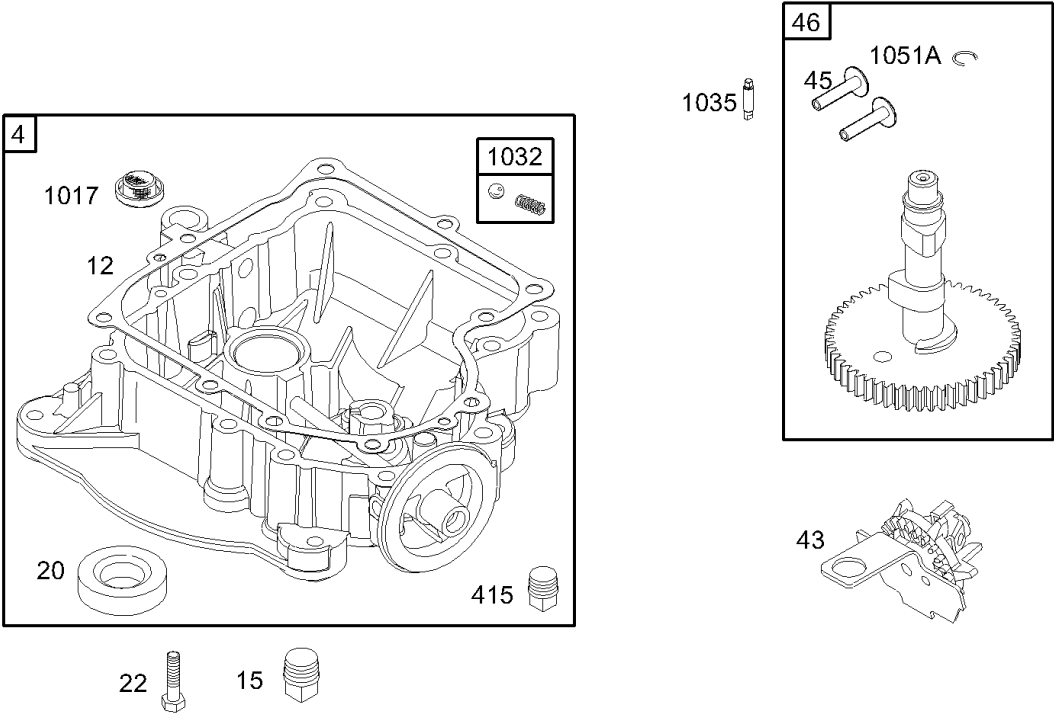
Ref	Part No.	Qty.	Description
71026	692003	1	Rod-Push
7	692011	1	Rod-Push
71029	691751	1	Arm-Rocker
71034	690822	1	Guide-Rod, Push



Assemblies include all parts shown in frames.

Crankshaft Assembly
Engine Briggs and Stratton Model 31F777-0161-E1

Ref	Part No.	Qty.	Description				
16	697127	1	Crankshaft				
24	222698	1	Key				
25	697159	1	Piston ASM (Standard)				
7	697160	1	Piston ASM (.010" Oversize)				
7	697162	1	Piston ASM (.020" Oversize)				
7	697163	1	Piston ASM (.030" Oversize)				
26	697164	1	Ring Set (Standard)				
7	697165	1	Ring Set (.010" Oversize)				
7	697171	1	Ring Set (.020" Oversize)				
7	697172	1	Ring Set (.030" Oversize)				
27	698469	1	Lock-Pin, Piston				
28	697099	1	Pin-Piston (STD)				
29	697126	1	Rod-Connecting (Standard)				
7	697263	1	Rod-Connecting (.020In Undersize)				
32	692852	1	Screw				
146	691639	1	Key-Timing				
741	697128	1	Gear-Timing				
757	697607	1	Link-Counterweight				
758	697134	1	Counterweight				
1270	697156	1	Plug-Counterweight, Avs				

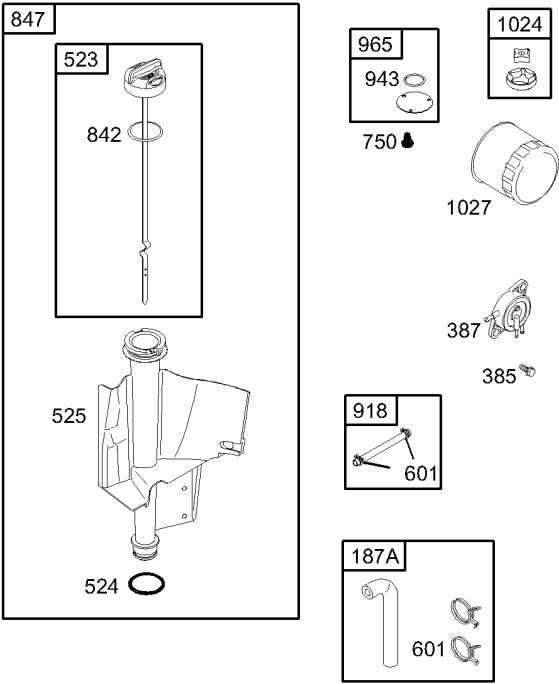


Assemblies include all parts shown in frames.

Crankcase Assembly

Engine Briggs and Stratton Model 31F777-0161-E1

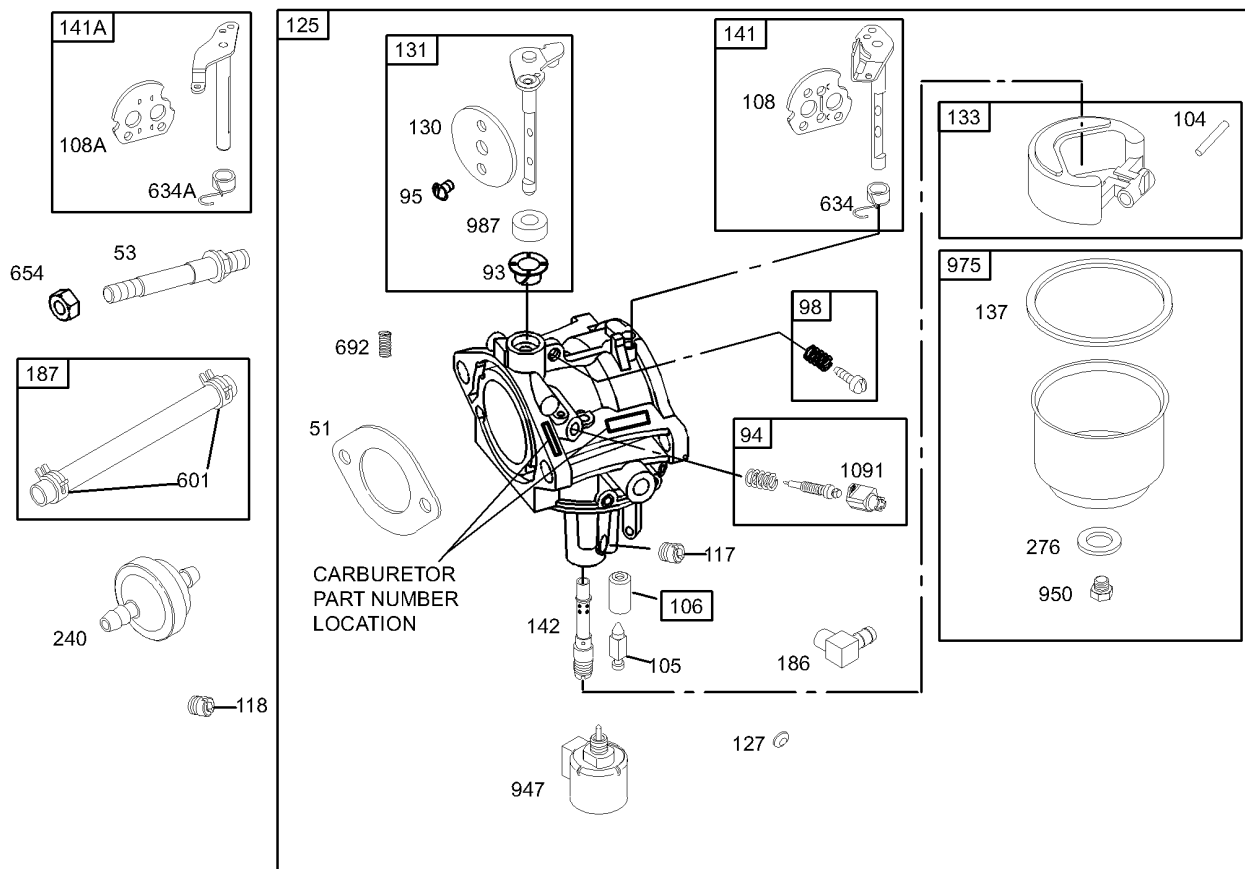
Ref	Part No.	Qty.	Description				
4	697188	1	Sump-Engine				
12	697110	1	Gasket-Crankcase				
15	690946	1	Plug-Drain, Oil				
20	690947	1	Seal-Oil				
22	692125	1	Screw				
43	691968	1	Slinger-Governor,Oil				
45	690564	1	Tappet-Valve				
46	693450	1	Camshaft				
415	690283	1	Plug-Oil				
1017	690770	1	Screen-Pump, Oil				
1032	491710	1	Ball-Pump, Oil				
1035	693784	1	Shaft-Pump, Oil				
1051A	698802	1	Ring-Retaining				



Assemblies include all parts shown in frames.

Oil Filter, Tube and Pump Assembly
Engine Briggs and Stratton Model 31F777-0161-E1

Ref	Part No.	Qty.	Description				
⑦187A	698417	1	Line--Fuel				
⑦385	694476	1	Screw				
⑦387	697090	1	Pump--Fuel				
⑦523	697086	1	Dipstick				
③⑦524	691032	1	Seal, O-Ring				
⑦525	697085	1	Tube--Dipstick				
⑦601	95162	1	Clamp-Hose				
⑦750	691033	1	Screw				
③⑦842	691031	1	Seal-O Ring				
⑦847	697087	1	Dipstick/Tube ASM				
⑦918	697091	1	Vacuum--Line				
③⑦943	690589	1	Seal, O-Ring				
⑦965	499613	1	Cover-Pump, Oil				
⑦1024	499054	1	Pump-Oil				
⑦1027	492932	1	Filter-Oil				

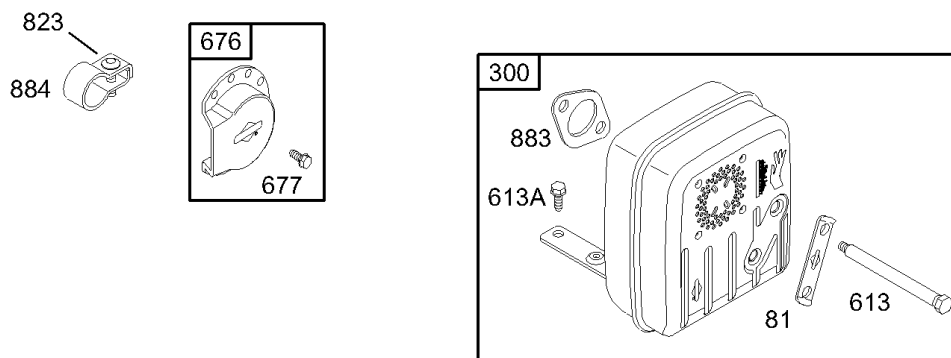


Assemblies include all parts shown in frames.

Carburetor Assembly

Engine Briggs and Stratton Model 31F777-0161-E1

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
⑤ ④ 51	692137	1	Gasket-Intake	⑦ 186	698174	1	Connector-Hose
⑥ ⑦				⑦ 187	698821	1	Line-Fuel (Molded)
⑦ 53	690227	1	Stud	⑦ 240	394358	1	Filter-Fuel
⑤ ⑦ 93	690602	1	Bushing-Shaft, Throttle	⑤ ⑥ 276	692255	1	Washer-Sealing
⑦ 94	498030	1	Idle Mixture Kit	⑦			
⑤ ⑦ 95	691636	1	Screw	⑦ 601	95162	1	Clamp-Hose
⑦ 98	495800	1	Idle Speed Kit	⑤ ⑦ 634	690801	1	Spring / Seal ASM
⑤ ⑦ 104	690525	1	Pin-Hinge, Carburetor Float	⑤ ⑦ 634A	690802	1	Spring And Seal ASM
⑤ ⑦ 105	231855	1	Valve-Needle, Float	⑦ 654	690958	1	Nut
⑤ ⑦ 106	691780	1	Seat-Inlet	⑦ 692	690572	1	Spring-Detent
⑦ 108	690464	1	Valve-Choke	⑦ 947	694393	1	Solenoid-Fuel
⑦ 108A	692344	1	Valve-Choke	⑦ 950	691657	1	Screw
⑦ 117	694352	1	Jet-Main (STD)	⑦ 975	495933	1	Bowl-Float
⑦ 118	697228	1	Jet-Main (High Altitude)	⑤ ⑦ 987	691326	1	Seal-Shaft, Throttle
⑦ 125	698445	1	Carburetor	⑦ 1091	691333	1	Cap-Limiter
⑦ 127	695005	1	Plug-Welch				
⑦ 130	691750	1	Valve-Throttle				
⑦ 131	494379	1	Throttle Shaft Kit				
⑦ 133	494381	1	Float-Carburetor				
⑤ ⑥ 137	281165	1	Gasket-Bowl, Float				
⑦							
⑦ 141	495097	1	Choke Shaft Kit				
⑦ 141A	495931	1	Choke Shaft Kit				
⑤ ⑦ 142	697140	1	Nozzle-Carburetor				

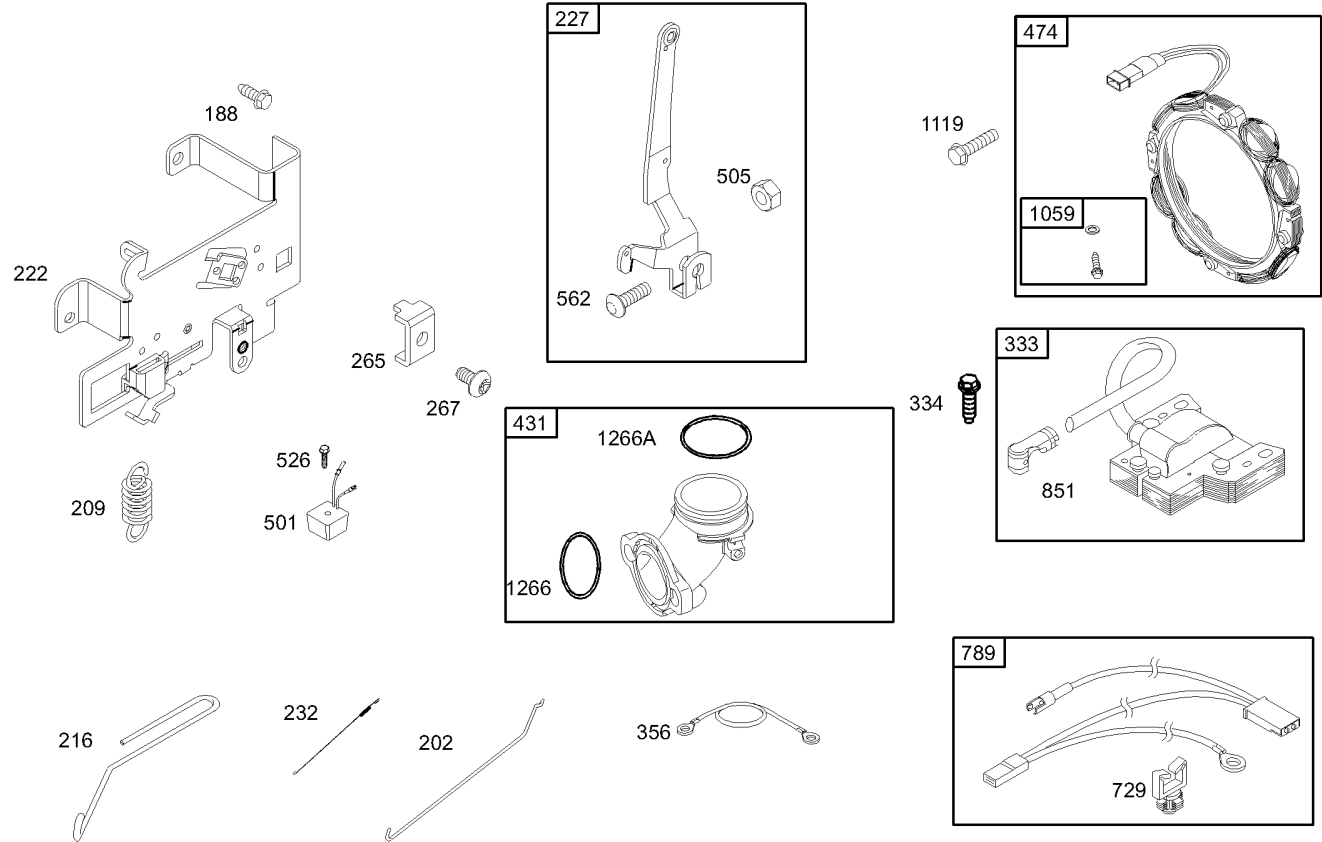


Assemblies include all parts shown in frames.

Muffler and Fuel Tank Assembly

Engine Briggs and Stratton Model 31F777-0161-E1

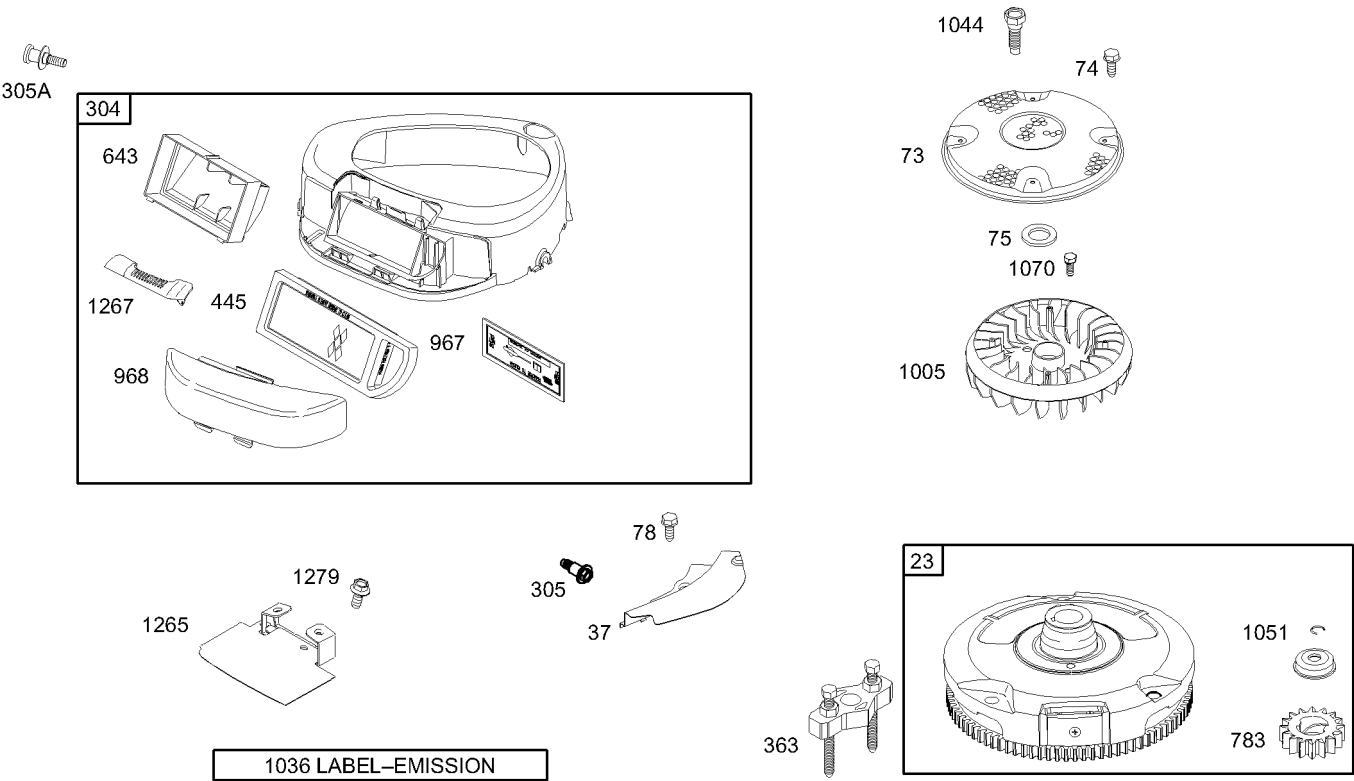
Ref	Part No.	Qty.	Description				
781	691178	1	Lock-Muffler Screw				
7300	697349	1	Muffler				
7613	691416	1	Screw (Muffler)				
7613A	690297	1	Screw (Fuel Pump)				
7676	397630	1	Deflector-Exhaust				
7677	690661	1	Screw				
7823	690363	1	Screw (Muffler Adapter)				
7864	697346	1	Adapter-Muffler				
7883	692236	1	Gasket-Exhaust				



Assemblies include all parts shown in frames.

Governor Assembly
Engine Briggs and Stratton Model 31F777-0161-E1

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
188	691693	1	Screw	1266A	697123	1	Seal-O Ring
202	691841	1	Link-Governor, Mechanical				
209	692208	1	Spring-Governor				
216	691840	1	Link-Choke				
222	694042	1	Bracket-Control				
227	691374	1	Lever-Control, Governor				
232	691842	1	Spring-Link, Governor				
265	691024	1	Clamp-Casing				
267	695134	1	Screw				
333	492341	1	Armature-Magneto				
334	691061	1	Screw				
356	697089	1	Stop-Wire				
431	697122	1	Elbow-Intake				
474	696458	1	Alternator				
501	691185	1	Regulator				
505	691251	1	Nut				
526	697348	1	Screw				
562	691119	1	Screw				
729	691335	1	Clip-Wire				
789	692037	1	Wiring-Harness				
851	692424	1	Terminal-Spark Plug				
1059	698516	1	Screw And Washer Kit				
1119	691183	1	Screw				
1266	691917	1	Seal-O Ring				

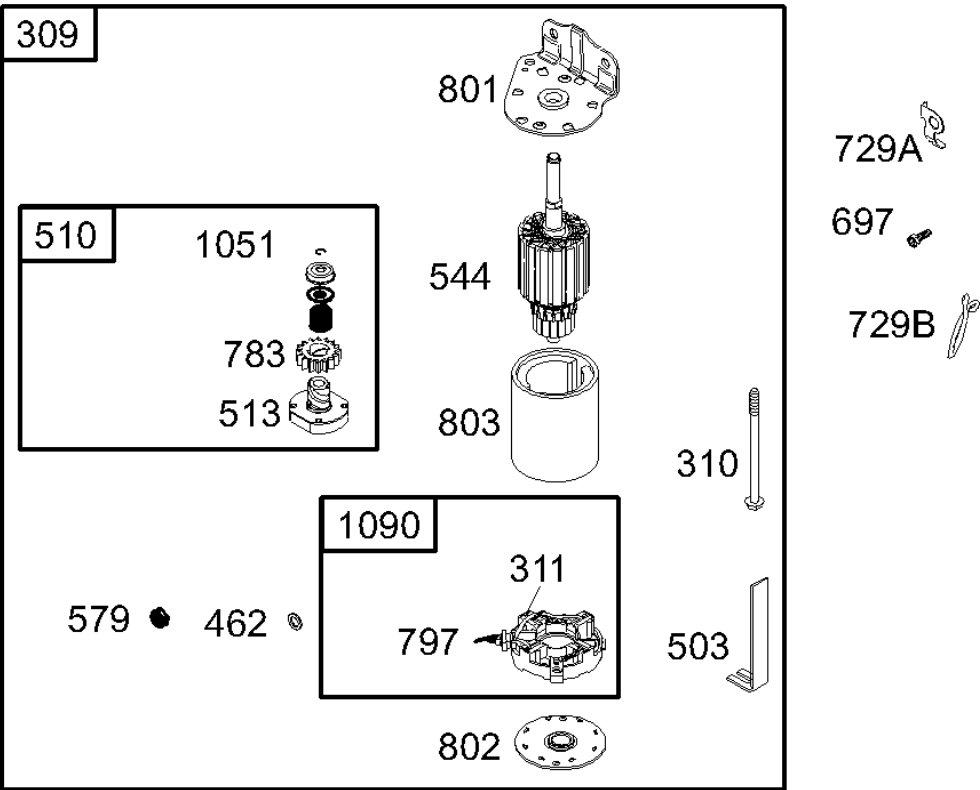


Assemblies include all parts shown in frames.

Blower Housing Assembly

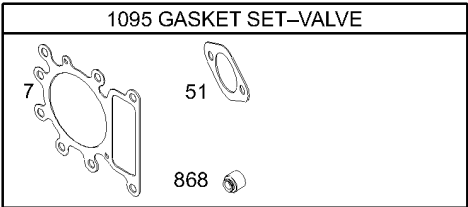
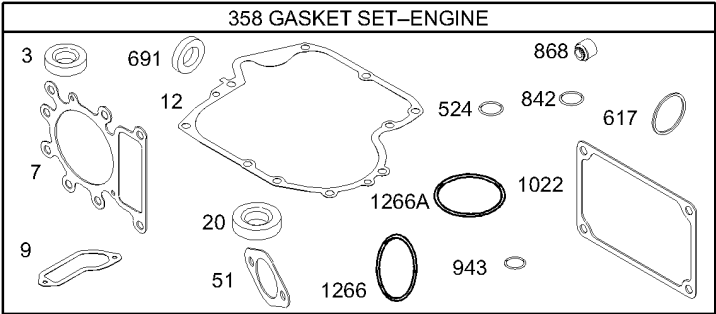
Engine Briggs and Stratton Model 31F777-0161-E1

Ref	Part No.	Qty.	Description				
23	693556	1	Flywheel				
37	697108	1	Guard-Flywheel				
73	697133	1	Screen-Rotating				
74	697897	1	Screw				
75	690582	1	Washer-Flywheel				
78	691003	1	Screw				
304	698804	1	Housing-Blower				
305	697102	1	Screw				
305A	697103	1	Screw				
363	19203	1	Puller-Flywheel				
445	698083	1	Filter-Cartridge, Air Cleaner				
643	698401	1	Retainer-Filter, Air				
783	693713	1	Gear-Pinion				
967	697015	1	Filter-Cleaner, Pre				
968	697084	1	Cover-Cleaner, Air				
1005	697111	1	Fan-Flywheel				
1036	695700	1	Label-Emission				
1044	691658	1	Screw-Crankshaft Extension				
1051	691265	1	Ring-Retaining				
1070	690372	1	Screw				
1265	697125	1	Support-Housing, Blower				
1267	697135	1	Latch-Blower Housing				
1279	690960	1	Screw				



Starter Assembly
Engine Briggs and Stratton Model 31F777-0161-E1

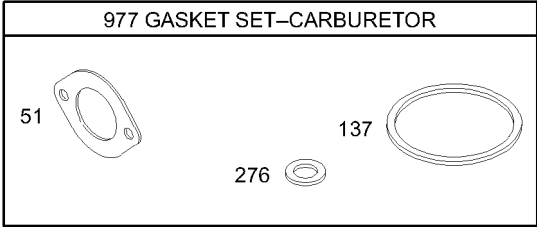
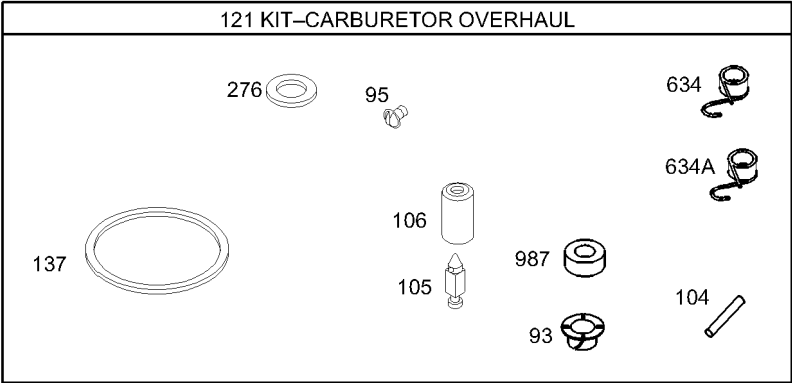
Ref	Part No.	Qty.	Description				
309	693551	1	Motor-Starter				
310	690323	1	Bolt				
311	497608	1	Brush Set				
462	691261	1	Washer				
503	691532	1	Strap-Starter				
510	693699	1	Drive-Starter				
513	692024	1	Clutch-Drive				
544	692034	1	Armature-Starter				
579	691029	1	Nut				
697	690372	1	Screw				
729A	691224	1	Clip-Wire				
729B	694123	1	Clip-Wire				
783	693713	1	Gear-Pinion				
797	693167	1	Nut				
801	691283	1	Cap-Drive				
802	691286	1	Cap-End				
803	693757	1	Housing-Starter				
1051	691265	1	Ring-Retaining				
1090	691293	1	Retainer-Brush				



Assemblies include all parts shown in frames.

Gasket Assembly
Engine Briggs and Stratton Model 31F777-0161-E1

Ref	Part No.	Qty.	Description				
373	391086	1	Seal-Oil				
347	692410	1	Gasket-Cylinder Head				
7							
379	697109	1	Gasket-Breather				
3712	697110	0	Gasket-Crankcase				
3720	690947	1	Seal-Oil				
3451	692137	1	Gasket-Intake				
56							
7358	697191	1	Gasket Set-Engine				
35617	692138	1	Seal-O Ring				
7							
37524	691032	1	Seal, O-Ring				
37691	692407	1	Seal-Shaft, Governor				
37842	691031	1	Seal-O Ring				
34868	690968	1	Seal-Valve				
7							
37943	690589	1	Seal, O-Ring				
371022	272475	1	Gasket-Cover, Rocker				
71095	691581	1	Valve Gasket Set				
351266	691917	1	Seal-O Ring				
7							
351266A	697123	1	Seal-O Ring				
7							



Assemblies include all parts shown in frames.

Carburetor Overhaul Kit Assembly
Engine Briggs and Stratton Model 31F777-0161-E1

Ref	Part No.	Qty.	Description				
64 51	692137	1	Gasket-Intake				
67							
67 93	690602	1	Bushing-Shaft, Throttle				
67 95	691636	1	Screw				
67 104	690525	1	Pin-Hinge, Carburetor Float				
67 105	231855	1	Valve-Needle, Float				
67 106	691780	1	Seat-Inlet				
7 121	697884	1	Kit-Carburetor Overhaul				
66 137	281165	1	Gasket-Bowl, Float				
7							
66 276	692255	1	Washer-Sealing				
7							
67 634	690801	1	Spring / Seal ASM				
67 634A	690802	1	Spring And Seal ASM				
7 77	690192	1	Carburetor Gasket Set				
67 987	691326	1	Seal-Shaft, Throttle				

NOTES

