



TimeCutter™ Z480 Riding Mower

Model No. 74352 - 250000001 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

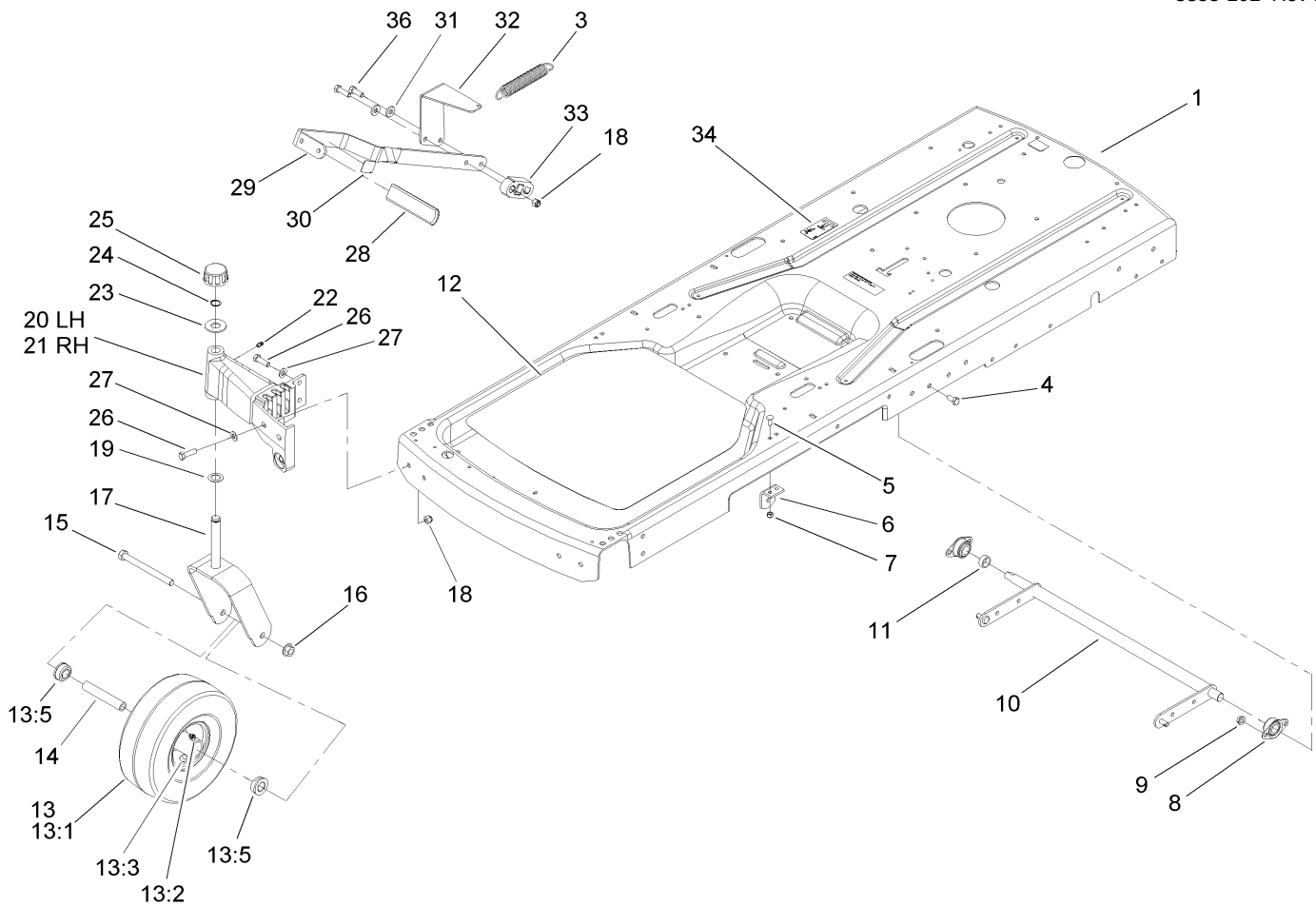
Part descriptions in this catalog may include the following abbreviations.

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

Footnotes

- ❶ Not illustrated
- ❸ Obtain parts from www.briggsandstratton.com

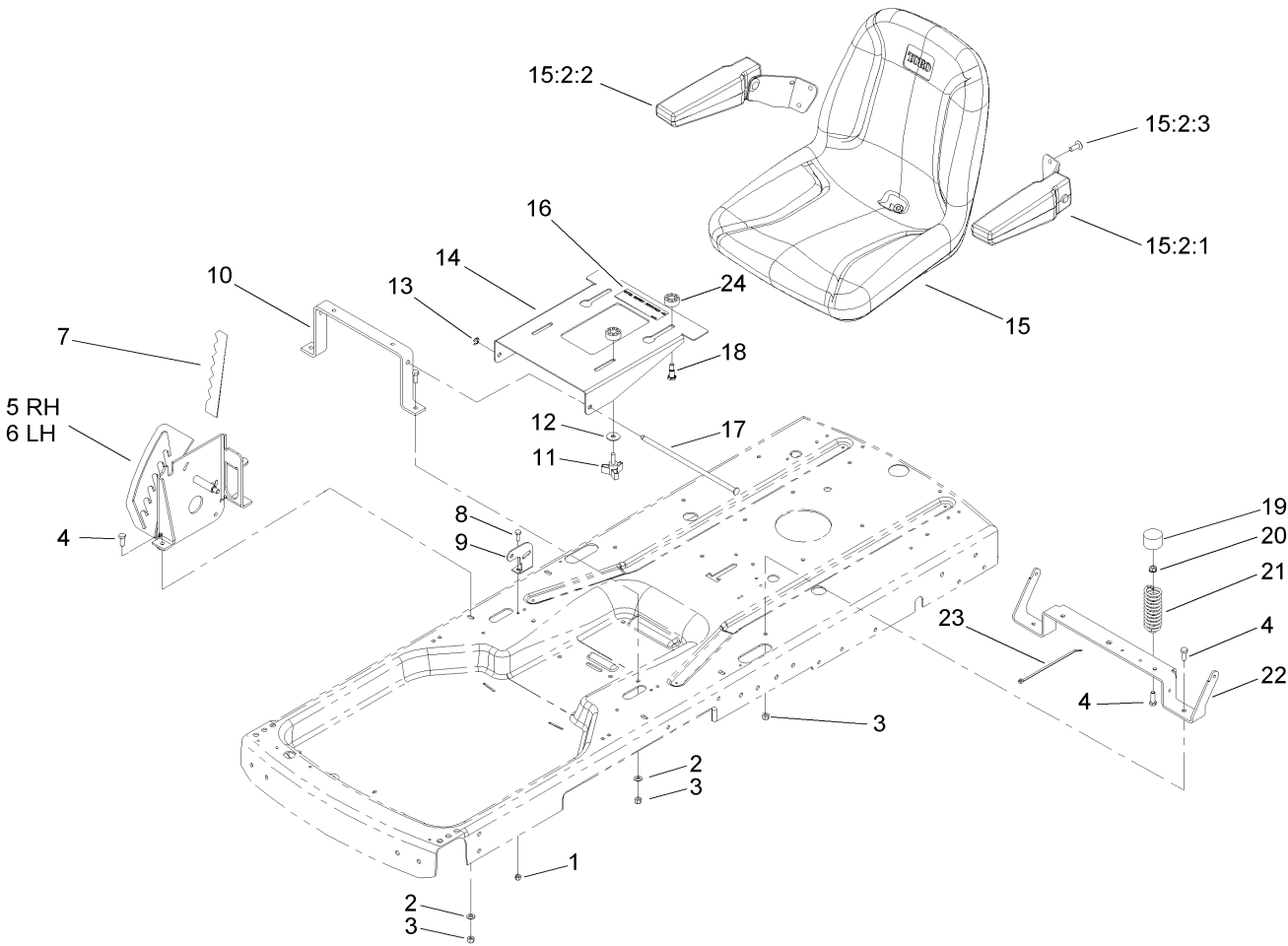
- ❷ Not serviced separately



Frame Assembly

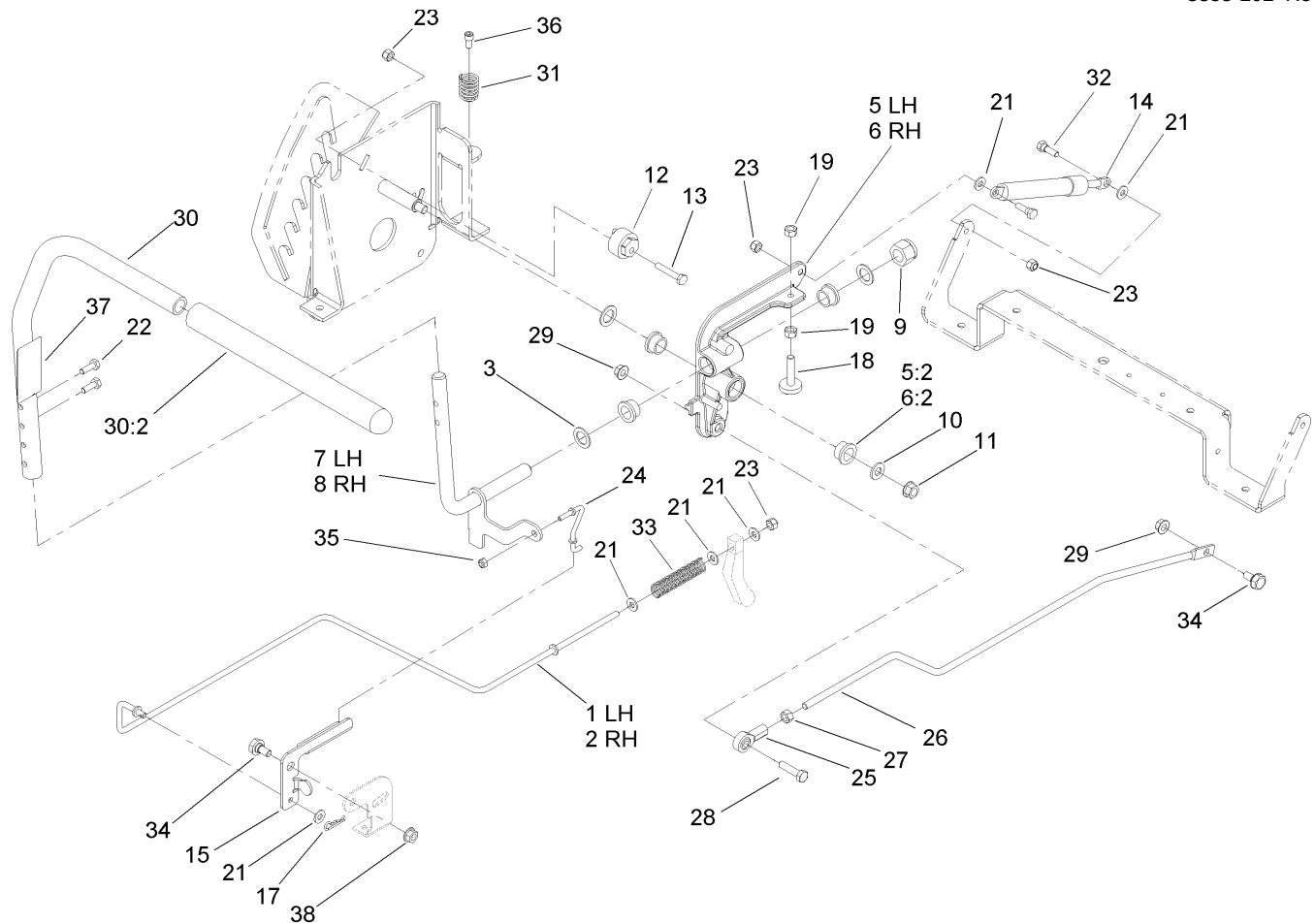
Ref	Part No.	Qty.	Description
1	108-2325-01	1	Frame
3	106-2177	1	Spring-Extension
4	323-4	4	Screw-HH
5	3229-1	4	Screw-CARR
6	105-3439	2	Bracket-Lift
7	3296-42	4	Nut-Lock, NI
8	1-633102	2	Bearing-Flange, Side
9	3290-357	4	Nut-HHF, Whiz
10	107-1731-03	1	Lift Arm ASM
11	106-2222	1	Spacer
12	105-3460	1	Pad-Antiskid
13	105-3471	2	Front Wheel And Tire ASM
13:1	105-1943	1	Tire
13:2	302-5	1	Fitting-Grease
13:3	232-27	1	Stem-Valve
13:5	114-1640	2	Bushing-Flange
13:99	93-4244	1	Tube-Inner (W/Valve)
14	104-3667	2	Spanner-Wheel
15	325-22	2	Screw-HH
16	32128-23	2	Nut-HF
17	107-9119-01	2	Castor Fork ASM
18	3296-39	9	Nut-Lock, NI
19	3-6498	2	Washer-Thrust
20	105-6986-01	1	Caster-LH

Ref	Part No.	Qty.	Description
21	105-6985-01	1	Castor-RH
22	302-5	2	Fitting-Grease
23	28-2480	2	Washer-Plain
24	32151-103	2	Ring-Retaining, EXT
25	61-9780	2	Cap-Hub
26	323-18	8	Screw-HH
27	3256-24	8	Washer-Flat
28	105-3450	1	Grip-Lever, Lift
29	108-2317-03	1	Lever-Lift
30	106-8743	1	Decal
31	98-5975	2	Washer-Belleville
32	107-2516-03	1	Mount-Spring, Front
33	106-2211	1	Block-Lift
34	108-6109	1	Decal-Transport, Ce
36	323-7	2	Screw-HH



Seat Assembly

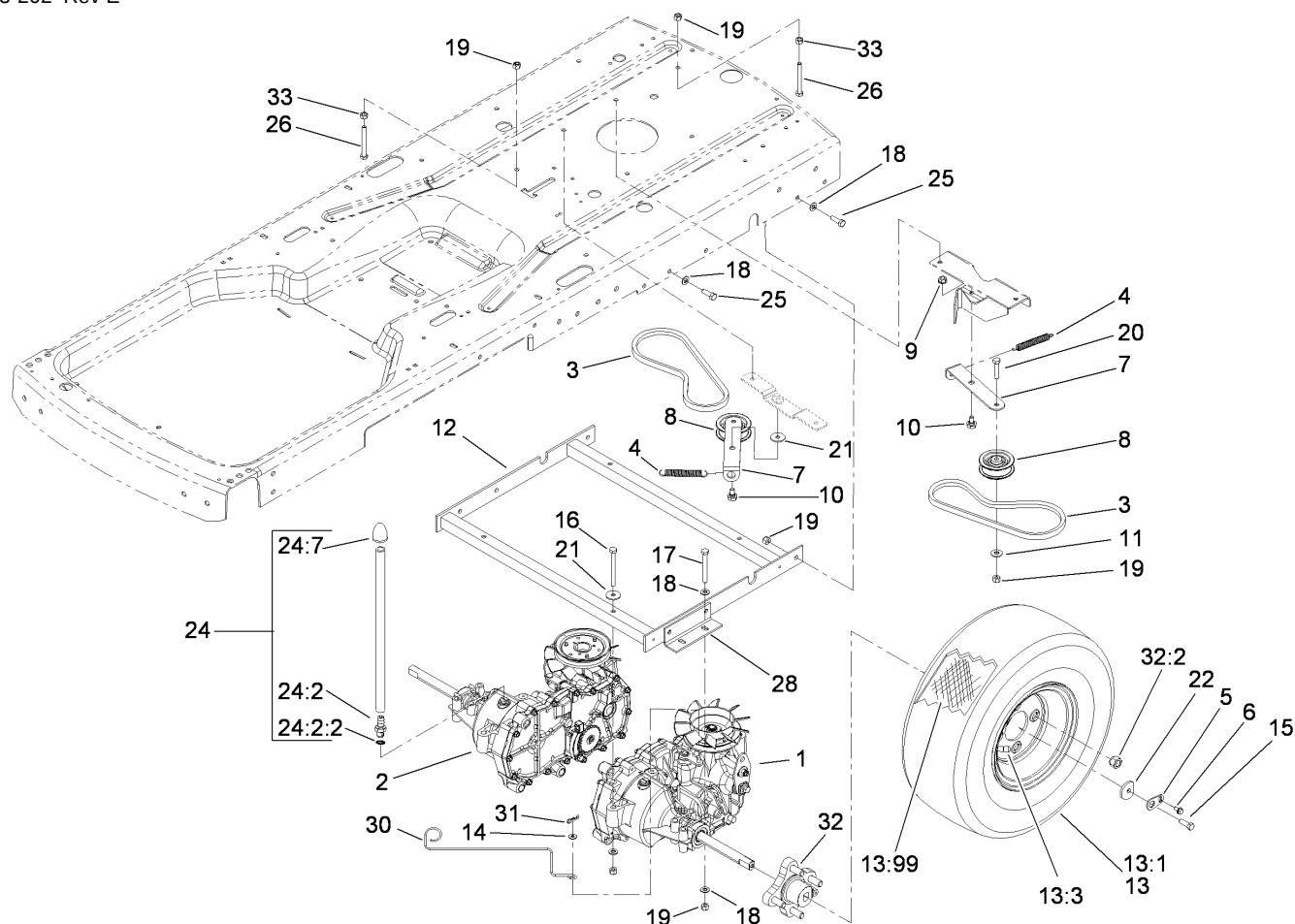
Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	3296-42	4	Nut-Lock, NI	21	92-7054	2	Spring-Compression
2	3256-23	6	Washer-Flat	22	108-2358-03	1	Brace-Seat, Rear
3	3296-29	12	Nut-Lock, NI	23	614249	1	Strap-Tie
4	322-4	14	Screw-HH	24	107-4902		Spacer-Nylon
5	106-2158-03	1	RH Plate ASM				
6	106-2159-03	1	LH Plate ASM				
7	108-8520	1	Decal-HOC				
8	321-4	4	Screw-HH				
9	106-2180	2	Bracket-Bellcrank				
10	105-6954-03	1	Brace-Seat, Front				
11	106-2240	2	Knob				
12	5-4460	2	Washer-Pivot				
13	105-7004	1	E-Ring				
14	105-6953-03	1	Bracket-Seat				
15	106-6447	1	Seat (With Arm Rests)				
15:2		1	Armrest Kit				
15:2:1	108-6177	1	LH Armrest ASM				
15:2:2	108-6178	1	RH Armrest ASM				
15:2:3	108-6179	6	Screw-HSBH				
16	106-8716	1	Decal-Services				
17	105-6955	1	Pin-Pivot				
18	613529	2	Screw-Shoulder				
19	701178	2	Cap-Protector				
20	32128-25	2	Nut-HF				



Control Assembly

Ref	Part No.	Qty.	Description
❶1	105-7045	1	Rod-Brake, LH
2	105-7044	1	Rod-Brake, RH
3	105-3481	6	Washer-Thrust
❶5	107-4909	1	LH Activator Arm ASM
❶5:2	105-3455	4	Bushing
6	107-4910	1	RH Activator Arm ASM
6:2	105-3455	4	Bushing
❶7	105-3488	1	LH Pivot Shaft ASM
8	105-3487	1	RH Pivot Shaft ASM
9	3296-53	2	Nut-Lock, NI
10	3256-24	2	Washer-Flat
11	3296-59	2	Nut-Lock, NI
12	107-4874	2	Eccentric
13	321-9	2	Screw-HH
14	103-2913	2	Damper-Control, Motion
15	106-2181	2	Bellcrank
17	1-806003	2	Pin-Cotter, Hair
18	105-3486	2	Stop-Adjustment
19	3217-6	4	Nut-Hex
21	3256-22	12	Washer-Flat
22	321-4	4	Screw-HH
23	3296-42	8	Nut-Lock, NI
24	106-2179	2	Link-Brake
25	1-543017	2	Balljoint-RH

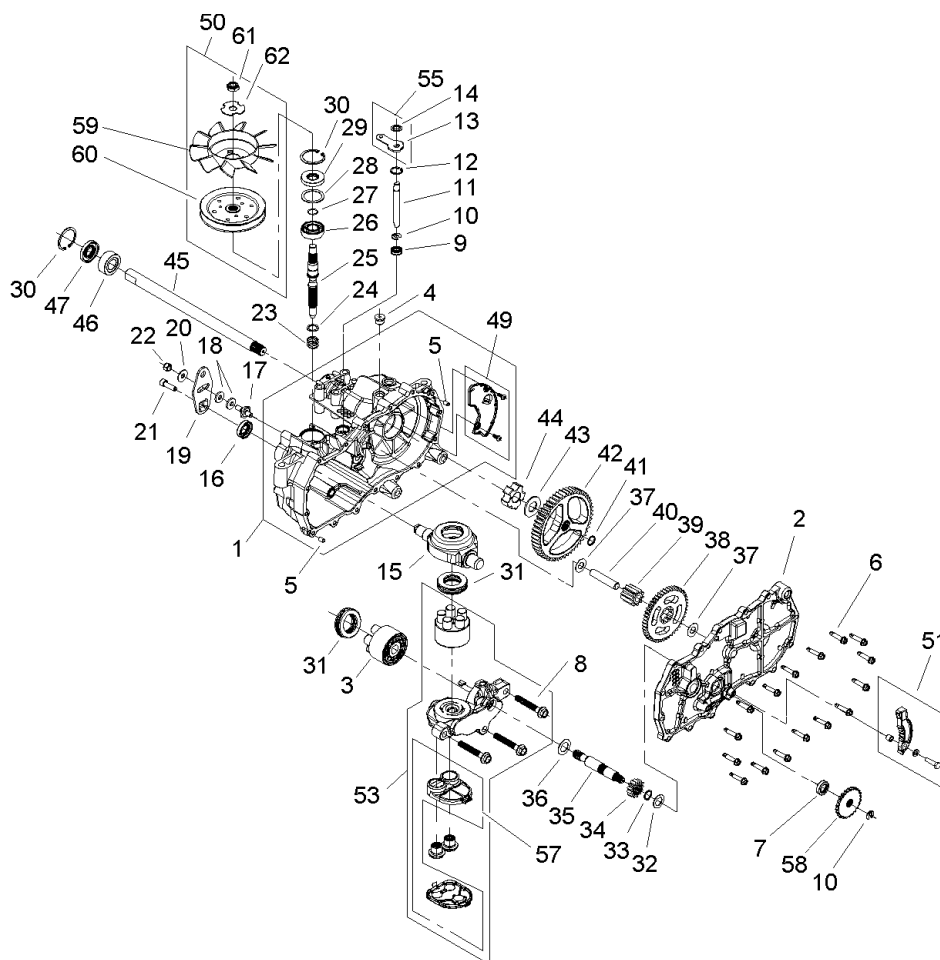
Ref	Part No.	Qty.	Description
26	105-7048	2	Rod-Hydro
27	3219-2	2	Nut-Hex
28	322-6	2	Screw-HH
29	32128-20	4	Nut-HF
30	106-2242	2	Handle ASM
30:2	1-633257	1	Grip-Control, Motion
31	105-3469	2	Spring-Compression
32	106-2214	4	Bolt-Shoulder
33	105-3465	2	Spring-Compression
34	37-8771	4	Bolt-Shoulder
35	3296-2	2	Nut-Lock, NI
36	3274-52	2	Screw-HSH
37	106-8742	2	Decal
38	32128-25	2	Nut-HF



Hydro and Belt Drive Assembly

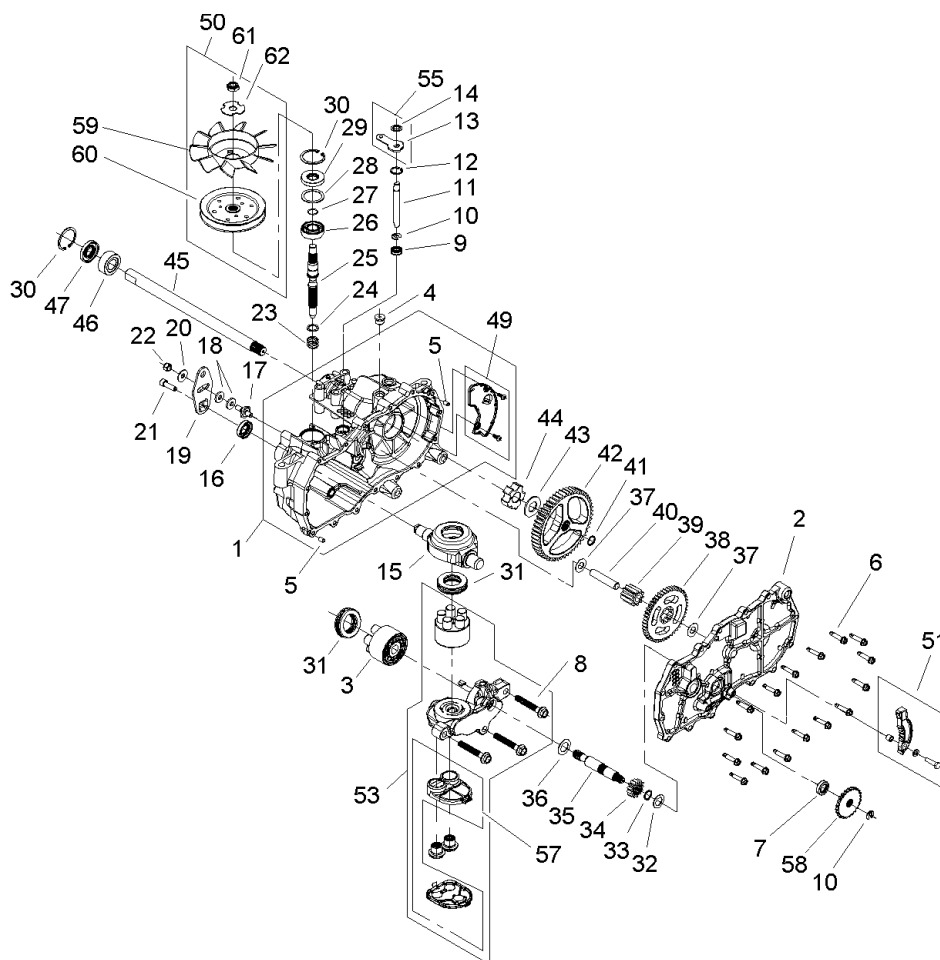
Ref	Part No.	Qty.	Description
1	108-2394	1	Transaxle-Hydro, LH
2	108-2393	1	Transaxle-Hydro, RH
3	106-2174	2	V-Belt
4	95-3805	2	Spring
5	105-3438	2	Tab-Locking
6	3234-13	2	Screw-HHF
7	105-7047	2	Arm-Idler
8	106-2176	2	Pulley-Idler
9	32128-25	1	Nut-HF
10	37-8770	2	Bolt-Shoulder
11	3256-3	2	Washer-Flat
12	107-4878-03	1	Hydro Mount ASM
13	106-7005	2	Rear Wheel ASM
13:1	105-3468	1	Tire
13:3	232-27	1	Stem-Valve
13:99	232-37	1	Tube
14	3256-1	2	Washer-Flat
15	3210-5	2	Screw-HH
16	322-20	4	Screw-HH
17	322-13	4	Screw-HH
18	3256-23	18	Washer-Flat
19	3296-29	18	Nut-Lock, NI
20	322-7	2	Screw-HH
21	5-4460	5	Washer-Pivot

Ref	Part No.	Qty.	Description
22	106-7001	2	Washer-Wheel
24	106-7002	2	Vent Hose ASM
24:2	93-3818	1	Fitting ASM
24:2:2	93-3816	1	O-Ring
24:7	107-1701	1	Cap Vent ASM
25	322-5	6	Screw-HH
26	322-13	2	Screw-HH
28	105-7039-03	2	Support-Hydro
30	107-4875	2	Rod-Bypass
31	1-806003	2	Pin-Cotter, Hair
32	108-9533	2	Hub ASM
32:2	242-50	4	Nut-Lug
33	3217-6	2	Nut-Hex



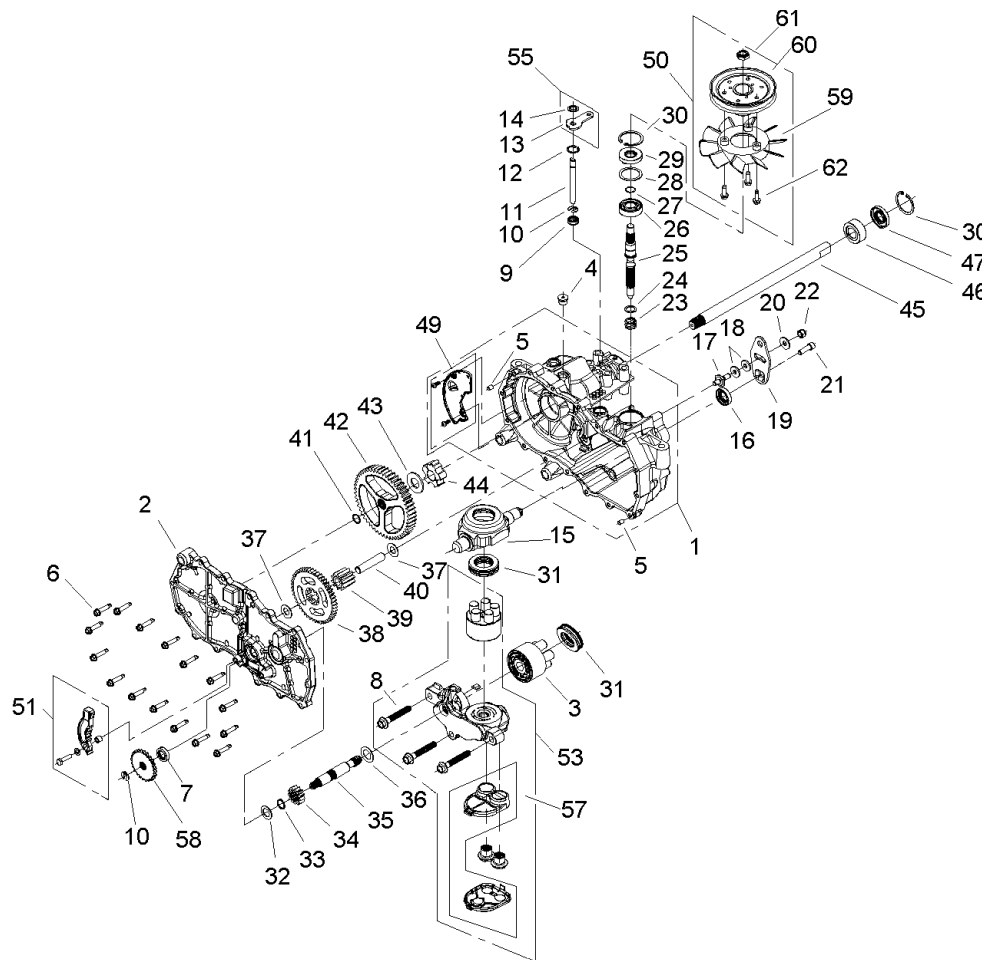
LH Hydrostat Assembly Part No. 108-2394

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	106-8695	1	RH Main Housing ASM	25	104-5306	1	Shaft-Input
2	106-8696	1	RH Side ASM	26	104-5311	1	Bearing-Ball
3	104-2106	1	Cylinder Block ASM	27	104-5307	1	Ring-Retaining
4	104-2189	1	Plug-Thread, Straight	28	104-5308	1	Spacer
5	104-2170	2	Pin	29	104-5310	1	Seal-Lip
6	104-5305	16	Screw-HHF	30	104-5309	2	Ring-Retaining
7	104-5347	1	Seal-Oil	31	94-6922	2	Bearing-Thrust
8	94-6926	3	Bolt	32	104-5339	1	Washer-Flat
9	106-8676	1	Seal-Lip	33	104-5340	1	Ring-Retaining
10	106-8677	2	Ring-Retaining, EXT	34	104-5316	1	Gear-Pinion, 13T
11	106-8678	1	Rod-Bypass	35	106-8683	1	Shaft-Motor
12	106-8679	1	Ring-Retaining, Int	36	104-5360	1	Washer-Shaft, Motor
13	107-2490	1	Arm-Bypass	37	94-1933	2	Washer
14	106-8681	1	Ring-Retaining, EXT	38	104-5317	1	Gear
15	104-5304	1	Swashplate-Trunnion	39	104-5318	1	Gear-Jackshaft, 10T
16	104-5313	1	Seal-Lip	40	104-5329	1	Pin-Jackshaft
17	104-2116	1	Stud	41	104-5328	1	Ring-Retaining, Spiral
18	105-1873	2	Puck-Friction	42	106-8684	1	Gear-Bull, 52T
19	106-8747	1	Arm-Control	43	94-1943	1	Washer
20	5-4460	1	Washer-Pivot	44	104-5320	1	Bearing-Sleeve
21	107-2488	1	Screw	45	106-8685	1	Axle
22	105-1872	1	Nut	46	104-5321	1	Bearing-Sleeve, Outboard
23	94-1936	1	Spring-Block	47	104-5322	1	Seal-Lip
24	94-1937	1	Washer-Thrust, Block	48	106-8686	1	Seal Kit



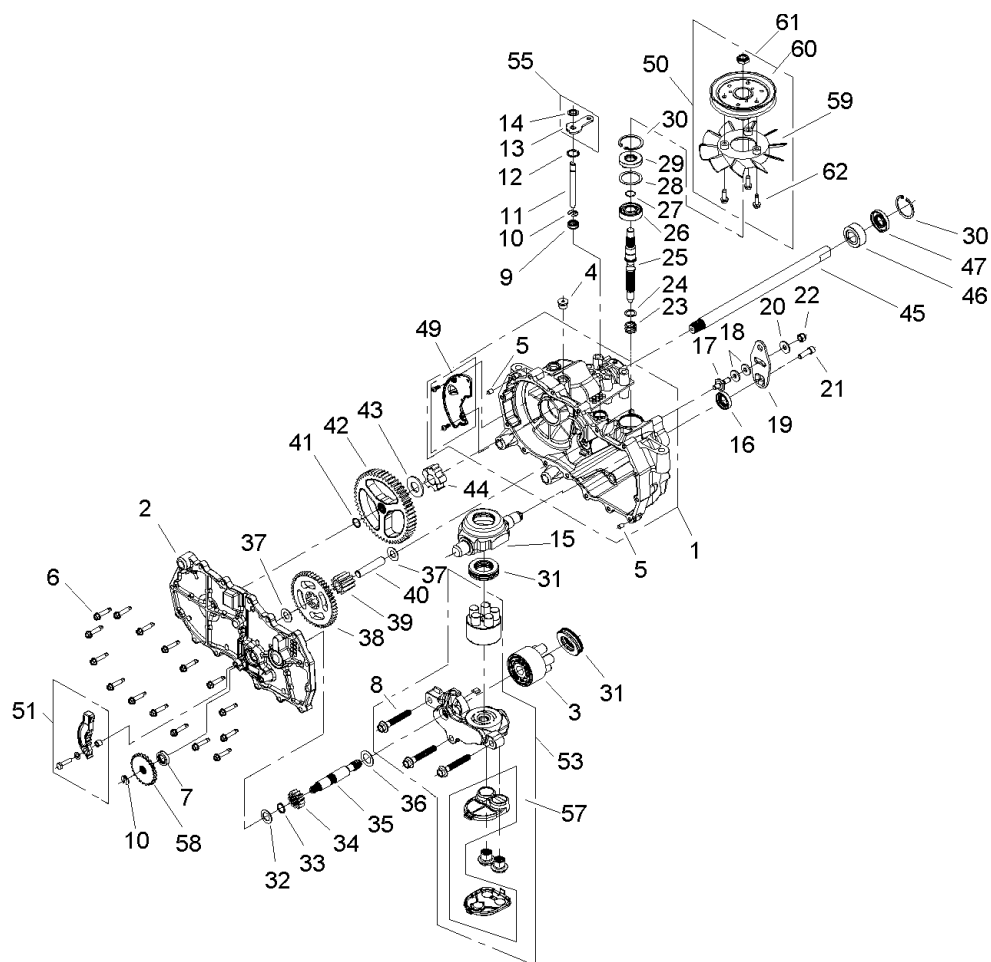
LH Hydrostat Assembly Part No. 108-2394 (continued)

Ref	Part No.	Qty.	Description				
49	106-8697	1	RH Expansion Plate Kit				
50	106-8698	1	Fan Pulley Kit				
51	106-8688	1	Brake Arm Kit				
53	108-6190	1	RH 7-Piston Center Section Kit				
54	104-2147	1	Sealant				
55	107-2489	1	Bypass Arm Kit				
57	106-8693	1	Filter Kit				
58	106-8694	1	Disc-Brake, Cog				
59	110-8566	1	Fan-6 Inch, 10 Blade				
60	104-1754	1	Pulley				
61	105-1875	1	Nut-Lock				
62	107-9122	3	Washer-Slotted				



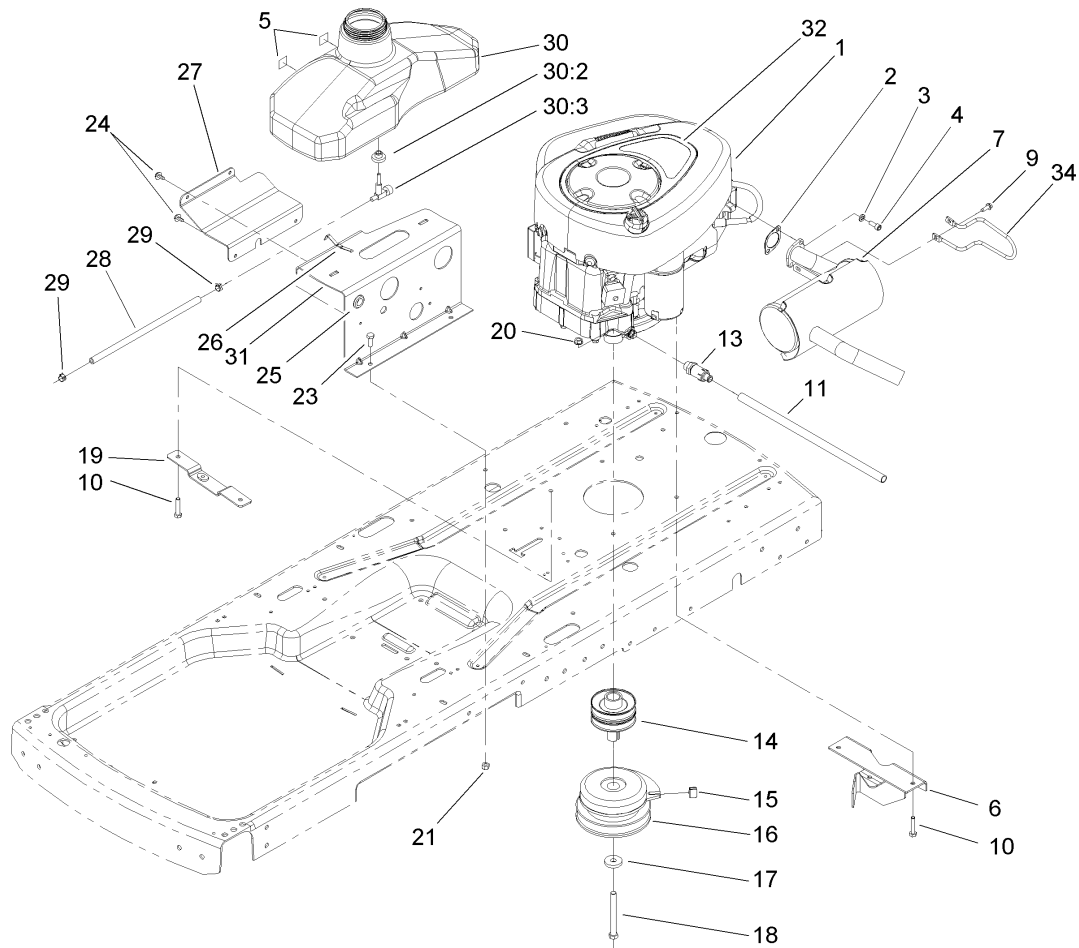
RH Hydrostat Assembly Part No. 108-2393

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	106-8674	1	LH Main Housing ASM	25	104-5306	1	Shaft-Input
2	106-8675	1	LH Side ASM	26	104-5311	1	Bearing-Ball
3	104-2106	1	Cylinder Block ASM	27	104-5307	1	Ring-Retaining
4	104-2189	1	Plug-Thread, Straight	28	104-5308	1	Spacer
5	104-2170	2	Pin	29	104-5310	1	Seal-Lip
6	104-5305	16	Screw-HHF	30	104-5309	2	Ring-Retaining
7	104-5347	1	Seal-Oil	31	94-6922	2	Bearing-Thrust
8	94-6926	3	Bolt	32	104-5339	1	Washer-Flat
9	106-8676	1	Seal-Lip	33	104-5340	1	Ring-Retaining
10	106-8677	2	Ring-Retaining, EXT	34	104-5316	1	Gear-Pinnion, 13T
11	106-8678	1	Rod-Bypass	35	106-8683	1	Shaft-Motor
12	106-8679	1	Ring-Retaining, Int	36	104-5360	1	Washer-Shaft, Motor
13	107-2490	1	Arm-Bypass	37	94-1933	2	Washer
14	106-8681	1	Ring-Retaining, EXT	38	104-5317	1	Gear
15	104-5304	1	Swashplate-Trunnion	39	104-5318	1	Gear-Jackshaft, 10T
16	104-5313	1	Seal-Lip	40	104-5329	1	Pin-Jackshaft
17	104-2116	1	Stud	41	104-5328	1	Ring-Retaining, Spiral
18	105-1873	2	Puck-Friction	42	106-8684	1	Gear-Bull, 52T
19	106-8747	1	Arm-Control	43	94-1943	1	Washer
20	5-4460	1	Washer-Pivot	44	104-5320	1	Bearing-Sleeve
21	107-2488	1	Screw	45	106-8685	1	Axle
22	105-1872	1	Nut	46	104-5321	1	Bearing-Sleeve, Outboard
23	94-1936	1	Spring-Block	47	104-5322	1	Seal-Lip
24	94-1937	1	Washer-Thrust, Block	48	106-8686	1	Seal Kit



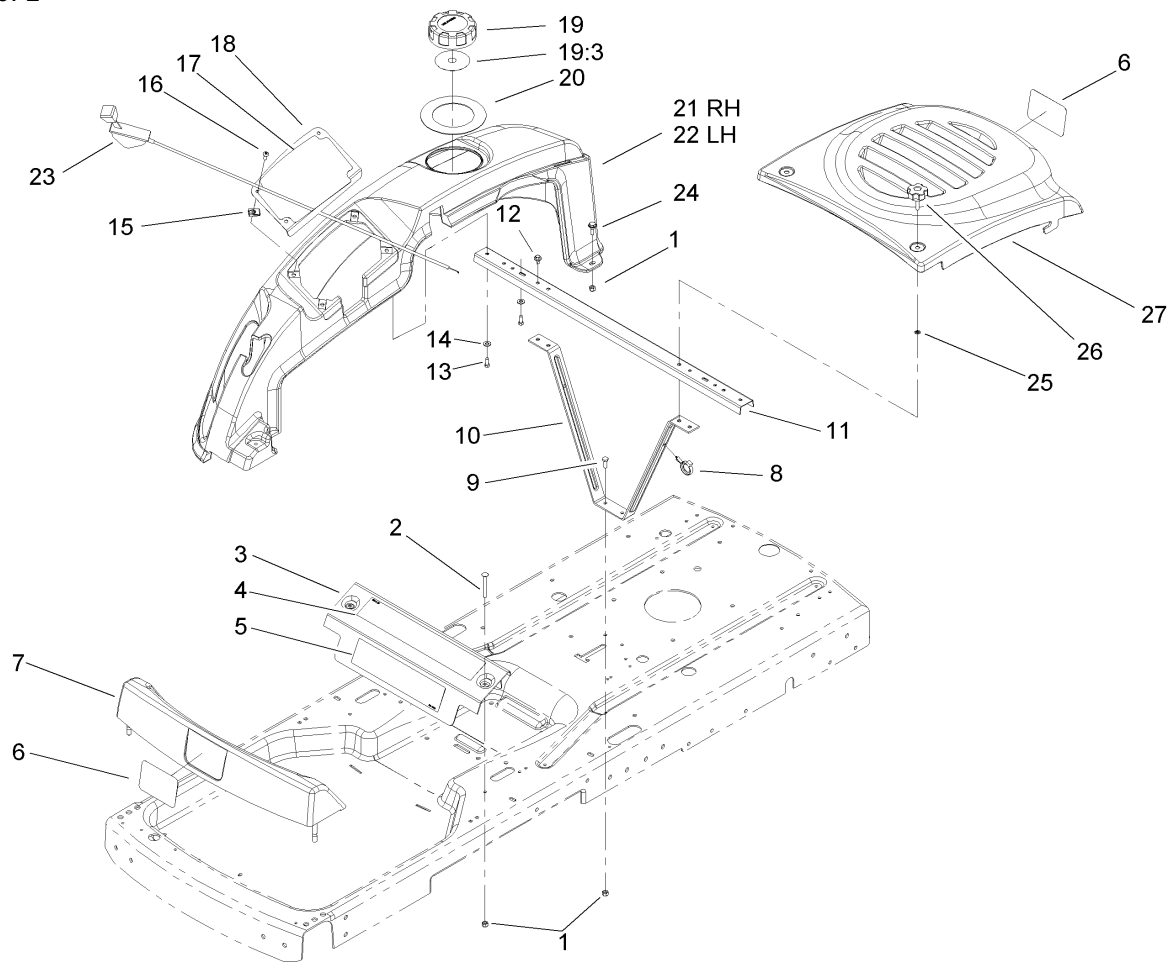
RH Hydrostat Assembly Part No. 108-2393 (continued)

Ref	Part No.	Qty.	Description				
49	106-8687	1	LH Expansion Plate Kit				
50	105-1928	1	Fan Pulley Kit				
51	106-8688	1	Brake Arm Kit				
53	108-6189	1	LH 7-Piston Center Section Kit				
54	104-2147	1	Sealant				
55	107-2489	1	Bypass Arm Kit				
57	106-8693	1	Filter Kit				
58	106-8694	1	Disc-Brake, Cog				
59	105-1927	1	Fan				
60	105-1896	1	Pulley				
61	105-1875	1	Nut-Lock				
62	104-2120	3	Screw				



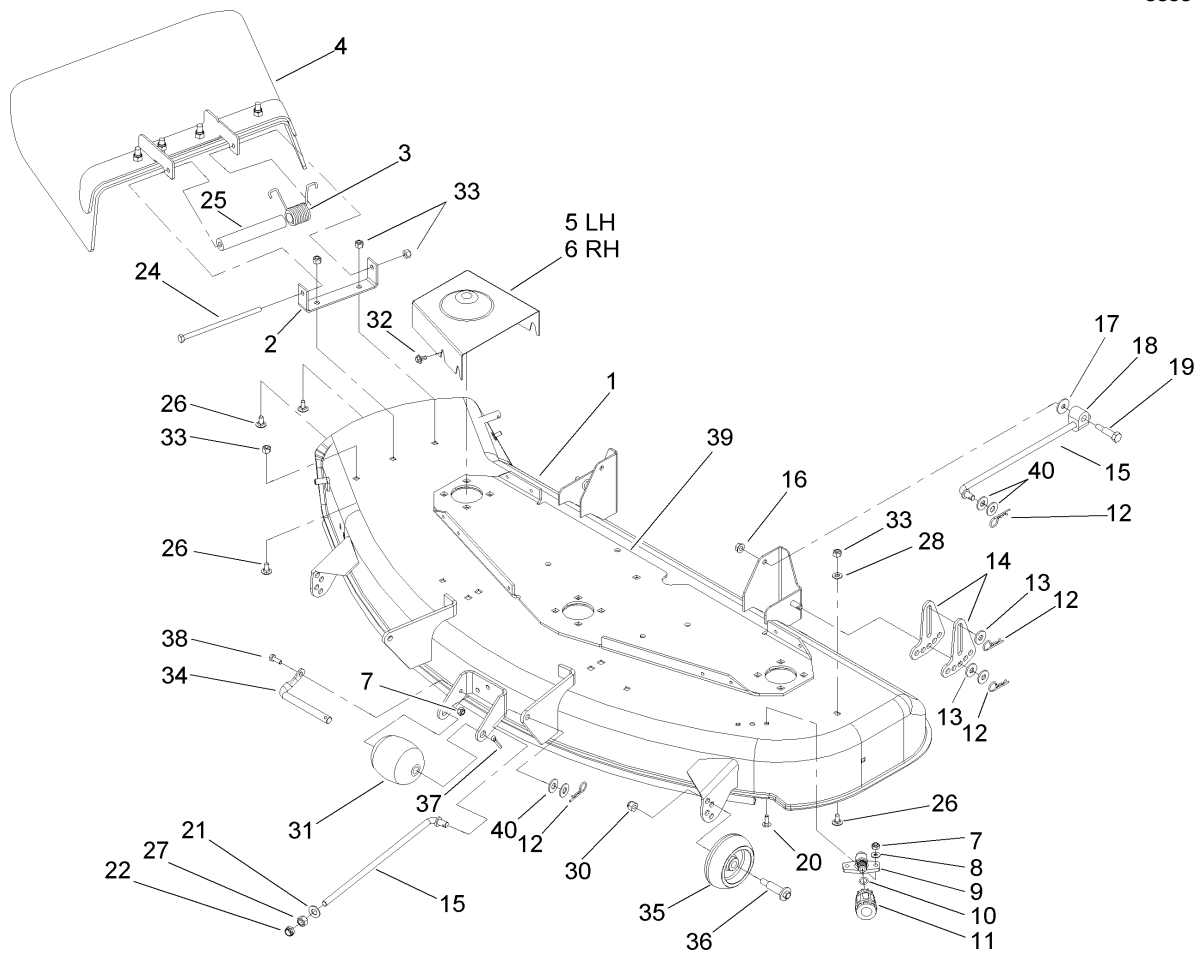
Engine Assembly

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1		1	Engine-Briggs And Stratton, 31K777-0190-E1	27	108-2315-03	1	Plate-Support
2	88-4410	1	Gasket-Exhaust	28	106-8720	1	Hose-Fuel
3	3253-4	2	Washer-Lock	29	2412-98	2	Clamp
4	3274-10	2	Screw-HSH	30	105-3464	1	Gas Tank ASM
5	104-2488	2	Foam-Switch, Seat	30:2	46-6560	1	Bushing
6	107-4873	1	Bracket-Pivot	30:3	104048	1	Valve-Fuel
7	106-7007	1	Muffler	31	108-2314-03	1	Plate-Tank
9	32144-44	3	Screw-HWH	32	108-8523	2	Decal-Engine
10	322-7	4	Screw-HH	34	108-8510	1	Guard-Muffler
11	106-7022	1	Tube-Drain, Oil				
13	92-6877	1	Valve-Drain, Oil				
14	105-3472	1	Pulley-Engine				
15	98-5023	1	Bumpon				
16	108-9511	1	Clutch-PTO, Electric				
17	112843	1	Washer				
18	3212-16	1	Screw-HH				
19	106-2156	1	Plate-Mount, Idler				
20	32128-25	4	Nut-HF				
21	3296-29	2	Nut-Lock, NI				
23	322-4	2	Screw-HH				
24	46-8560	3	Screw-HHF				
25	237-124	1	Grommet				
26	609830	2	Spring				



Styling Assembly

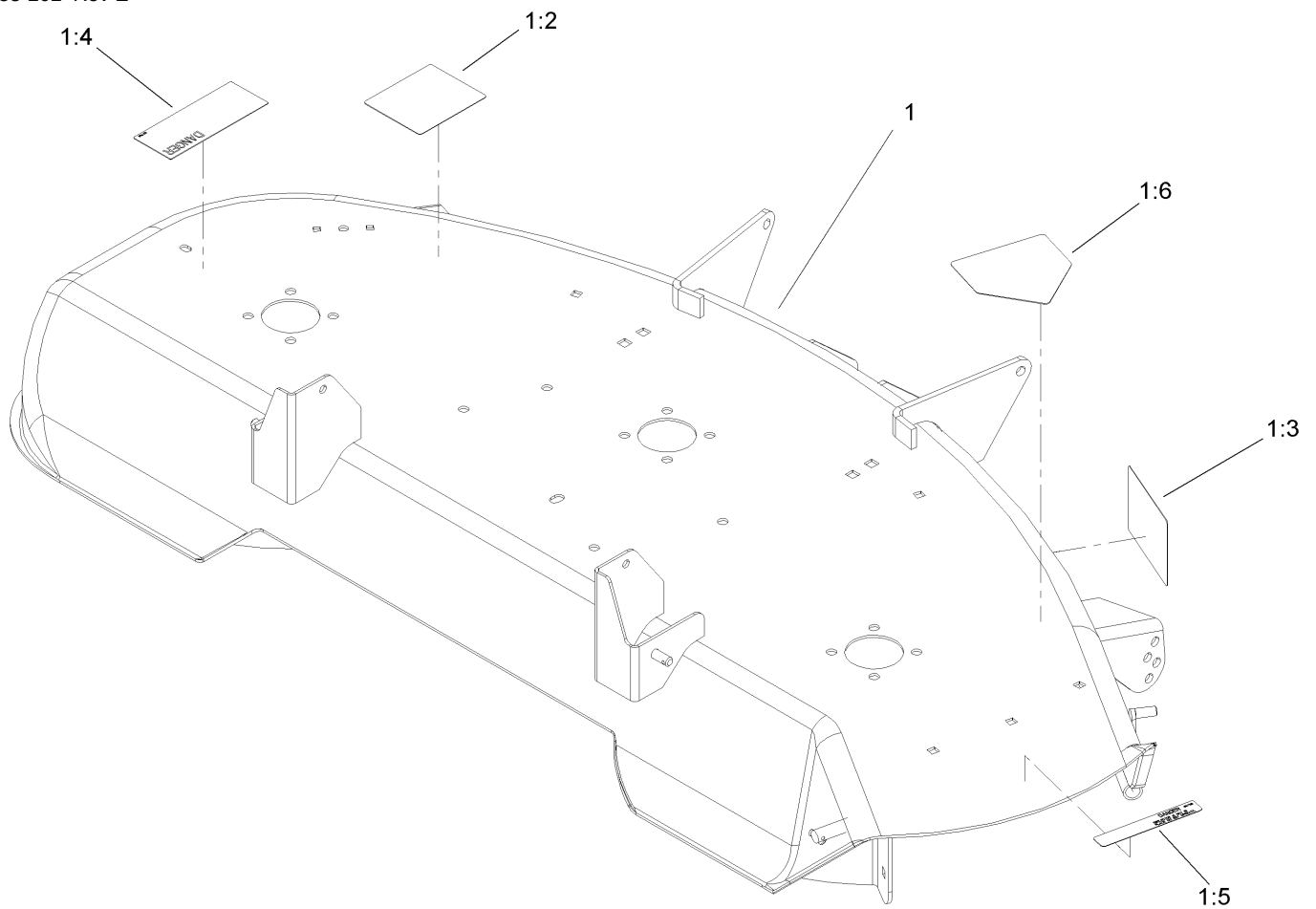
Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	3296-42	6	Nut-Lock, NI	24	11-9030	2	Screw-Shoulder
2	3229-7	2	Screw-CARR	25	106-8737	2	Nut-Retainer
3	106-2164-03	1	Bracket-Support, Front	26	106-7017	2	Knob
4	107-7398	1	Decal-Danger	27	106-2163	1	Cover-Hood
5	108-7129	1	Decal				
6	105-6971	2	Decal				
7	105-6965	1	Footrest ASM				
8	105-1853	2	Clamp-Hose				
9	321-4	2	Screw-HH				
10	106-6994-03	1	Brace ASM				
11	108-2313-03	1	Channel-Cross				
12	46-8560	2	Screw-HHF				
13	46-8090	4	Screw-Plastite				
14	3256-22	4	Washer-Flat				
15	107069	4	Clip				
16	3258-166	4	Screw-PRH				
17	106-2224	1	Decal-Control				
18	106-2167-03	1	Panel-Control				
19	88-3980	1	Gas Cap ASM				
19:3	88-4010	1	Gasket-Cap, Gas				
20	106-7042	1	Seal-Rubber				
21	106-2161	1	Cover-Side, RH				
22	106-2162	1	Cover-Side, LH				
23	104-3626	1	Cable-Throttle				



48 Inch Deck Assembly

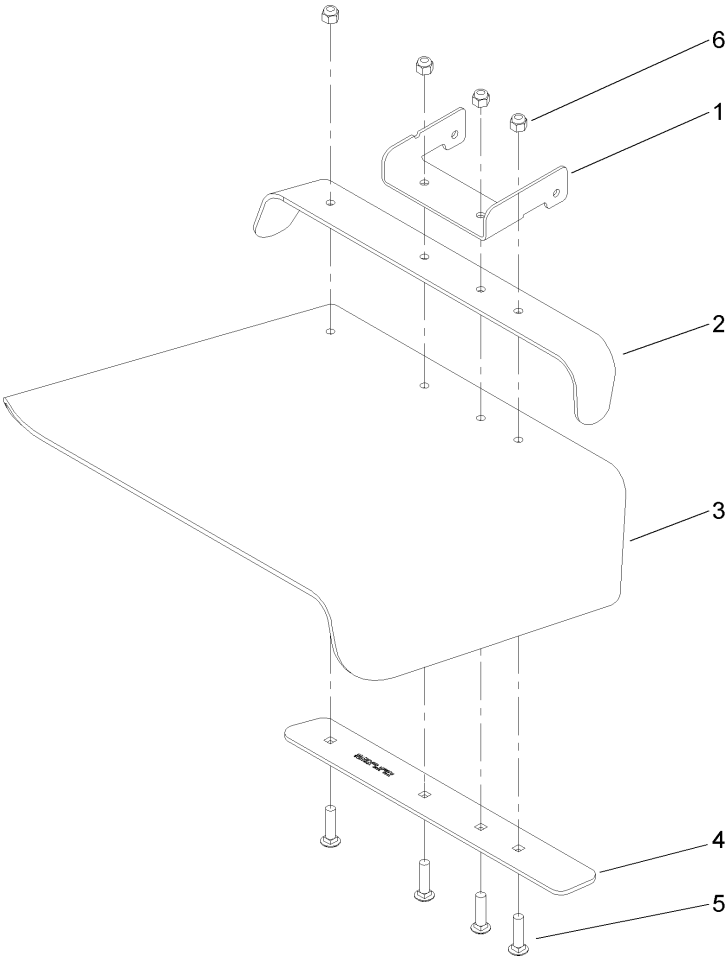
Ref	Part No.	Qty.	Description
1	108-7173	1	48 Inch Deck ASM
2	108-8581-03	1	Bracket-Pivot
3	108-4052	1	Spring-Torsion
4	108-8591	1	Deflector ASM
5	108-7167-03	1	Cover-Belt, LH
6	108-7166-03	1	Cover-Belt, RH
7	3296-16	3	Nut-Lock, NI
8	3256-1	2	Washer-Flat
9	95-2747	1	Fitting-Washout
10	46-6290	1	O-Ring, Seal
11	95-3270	1	Connector-Hose
12	9335054	8	Pin-Hair
13	80-6990	6	Washer-Hardened
14	88-5570-03	4	Link-Adjusting, HOC
15	105-3437	4	Rod-Hanger
16	32128-25	2	Nut-HF
17	5-4460	2	Washer-Pivot
18	88-4230	2	Trunnion-HOC
19	7-0030	2	Screw-Shoulder, HH
20	3229-1	2	Screw-CARR
21	3256-25	2	Washer-Flat
22	3296-38	2	Nut-Lock, NI
24	108-8539	1	Bolt-HH
25	108-7159	1	Spacer-Deflector

Ref	Part No.	Qty.	Description
26	3230-18	4	Screw-CARR
27	3219-4	2	Nut-Hex
28	3256-23	1	Washer-Flat
30	3296-39	2	Nut-Lock, NI
31	94-1599	1	Roller
32	46-8560	8	Screw-HHF
33	3296-29	5	Nut-Lock, NI
34	110847	1	Roller-Shaft
35	701756	2	Wheel-Gage
36	56-6591	2	Screw-Shoulder, HWH
37	3272-21	1	Pin-Cotter
38	321-4	1	Screw-HH
39	108-7168-01	1	Plate-Reinforcement, Deck
40	3256-4	8	Washer-Flat



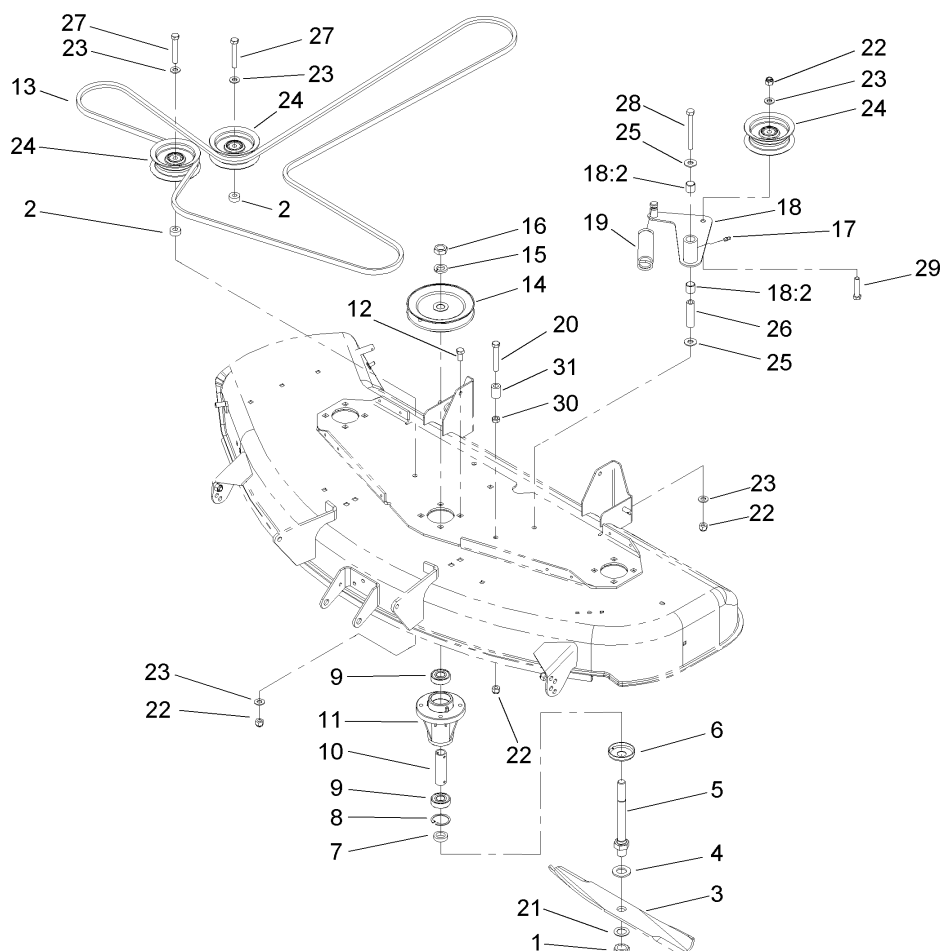
48 Inch Deck Decal Assembly No. 108-7173

Ref	Part No.	Qty.	Description				
21		1	Deck ASM 48 W/Decals				
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				
1:6	93-1122	1	Decal-Danger				



Deflector Assembly No. 108-8591

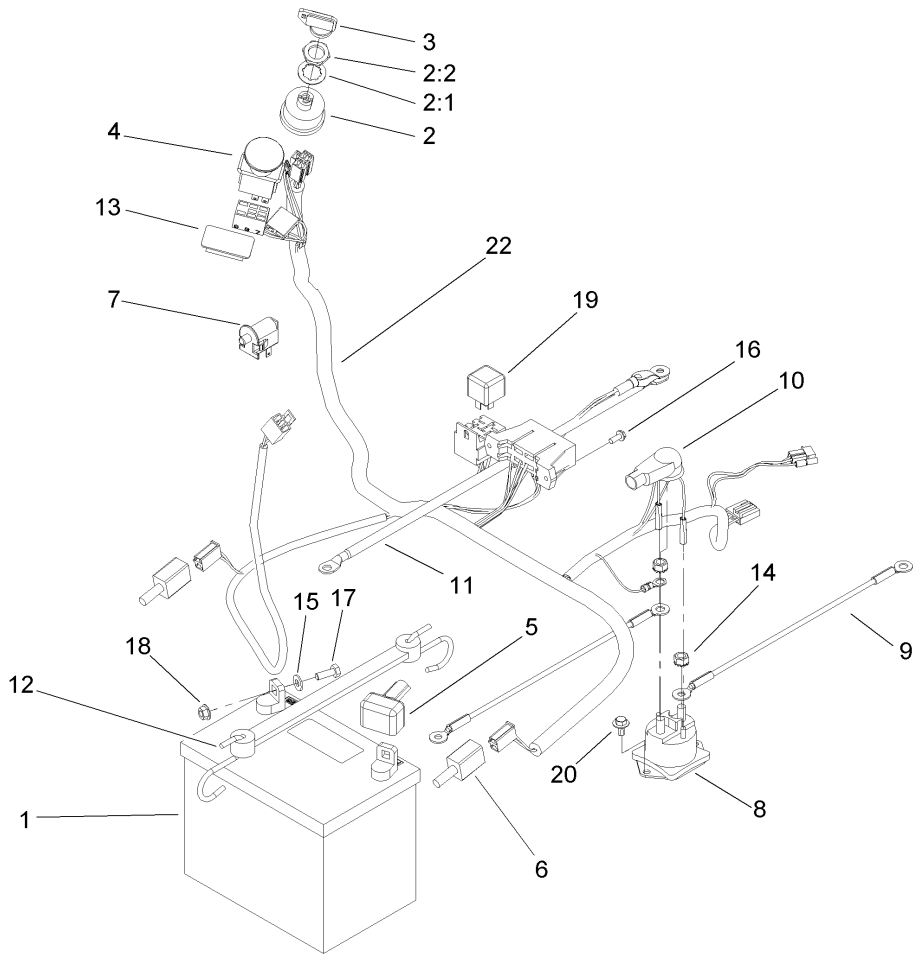
Ref	Part No.	Qty.	Description				
1	108-6184-03	1	Hinge-Deflector				
2	108-6172-03	1	Support-Discharge				
3	108-8590	1	Deflector-Rubber				
4	108-6174-03	1	Strap-Discharge				
5	3230-3	4	Screw-CARR				
6	3296-29	4	Nut-Lock, NI				



48 Inch Spindle and Belt Drive Assembly

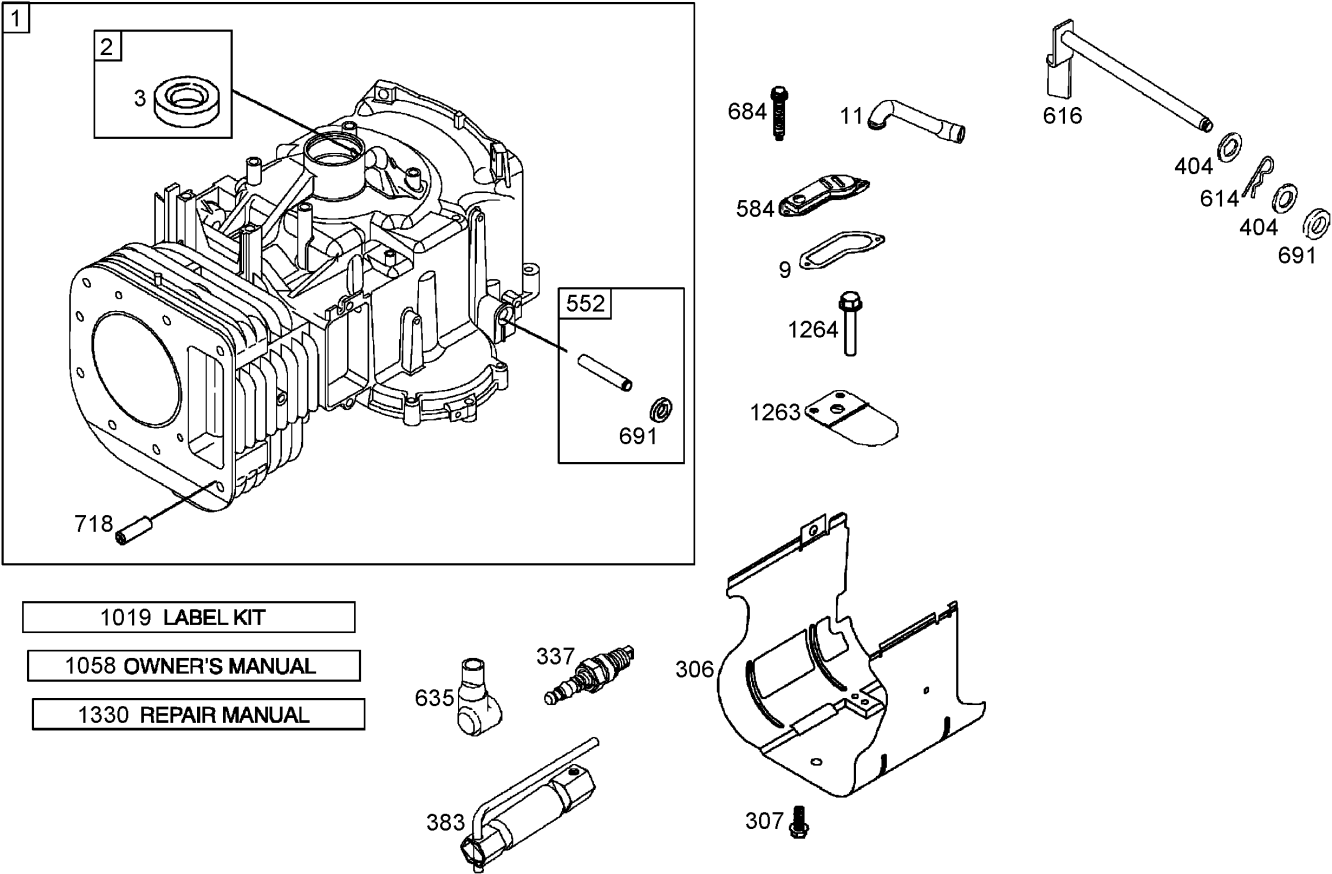
Ref	Part No.	Qty.	Description
1	3220-7	3	Nut-Jam
2	104-8426	2	Spacer
3	106637	3	Blade Kit (3 Pack)
4	3256-28	3	Washer-Flat
5	108-8527	3	Shaft-Spindle
6	106067	3	Cup-Spindle
7	106068	3	Spacer-Blade
8	32120-42	3	Ring-Retaining
9	100-1048	6	Bearing-Ball
10	116085	3	Tube
11	114568	3	Housing-Spindle
12	9080326	12	Screw-HH
13	108-7192	1	Belt-V
14	108-7165	3	Pulley ASM
15	3253-8	3	Washer-Lock
16	3220-6	3	Nut-Jam
17	302-19	1	Fitting-Grease
18	108-8551	1	Idler Arm ASM
18:2	1-513034	2	Sleeve-Bearing
19	1-603414	1	Spring-Extension
20	323-12	1	Screw-HH
21	9202574	3	Washer-Flat
22	3296-39	5	Nut-Lock, NI
23	3256-24	6	Washer-Flat

Ref	Part No.	Qty.	Description
24	106-2175	3	Pulley-Idler, Flat
25	1-809107	2	Washer-Hardened
26	1-603384	1	Bushing-Pivot, Idler
27	323-12	2	Screw-HH
28	1-800805	1	Screw-HH
29	323-9	1	Screw-HH
30	3217-7	1	Nut-Hex
31	106-5620	1	Tube-Interlock



Electrical Assembly

Ref	Part No.	Qty.	Description				
1	104-2491	1	Battery				
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	28-8080	1	Boot-Terminal				
6	106-2216	2	Switch				
7	82-2190	1	Switch-Bail				
8	106-8245	1	Solenoid-Starter				
9	56-7670	2	Wire ASM				
10	93-3190	1	Boot-Insulator, Terminal				
11	95-7654	1	Cable-Negative, Black				
12	104-2466	1	Holddown-Battery				
13	99-7420	1	Plug-Hole				
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				
22	108-8588	1	Harness-Wiring				

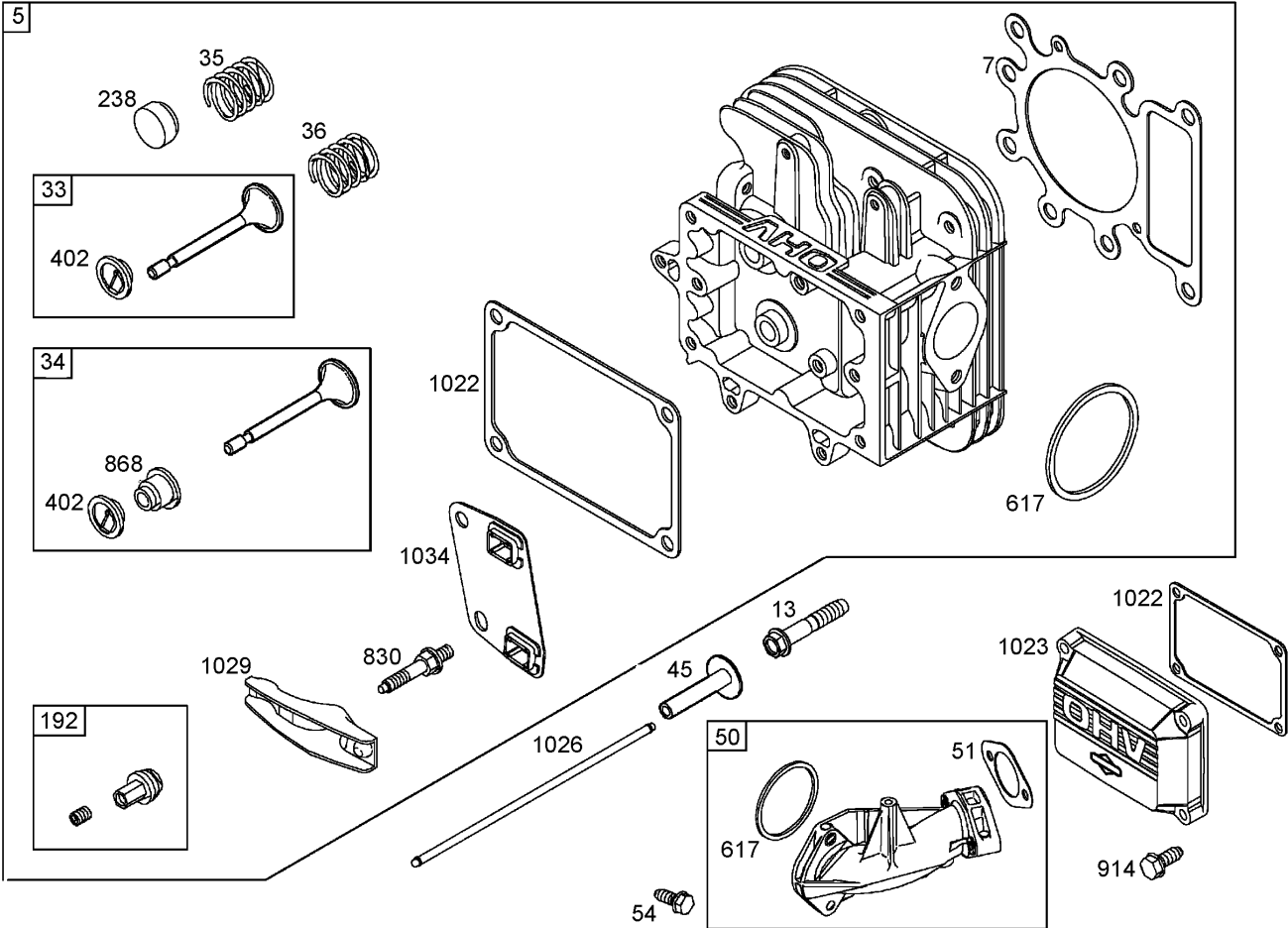


Assemblies include all parts shown in frames.

Cylinder Assembly

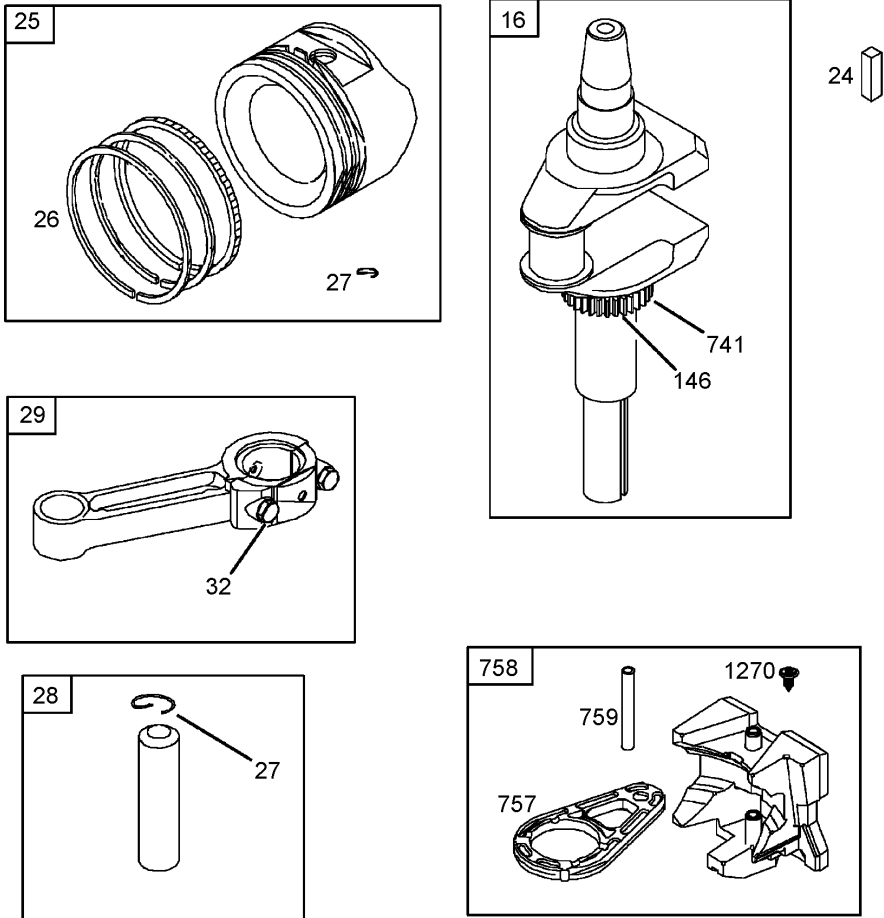
Briggs and Stratton 31K777-0190-E1

Ref	Part No.	Qty.	Description				
1	697174	1	Cylinder ASM				
2	399265	1	Bushing / Seal Kit (Magneto Side)				
3	391086	1	Seal-Oil (Magneto Side)				
9	697109	1	Gasket-Breather				
11	697113	1	Tube-Breather				
148	697762	1	Short Block ASM				
306	697107	1	Shield-Cylinder				
307	691003	1	Screw (Cylinder Shield)				
337	491055	1	Plug-Spark				
383	89838	1	Wrench-Plug, Spark				
404	691691	1	Washer (Governor Crank)				
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 (Breather Passage Cover)				
691	692407	1	Seal-Shaft, Governor				
718	690959	1	Pin-Locating				
1019	697143	1	Label Kit				
1058	275935	1	Operator's Manual				
1263	697124	1	Reed-Breather				
1264	697104	1	Screw (Breather Reed)				
1330	272147	1	Repair Manual				



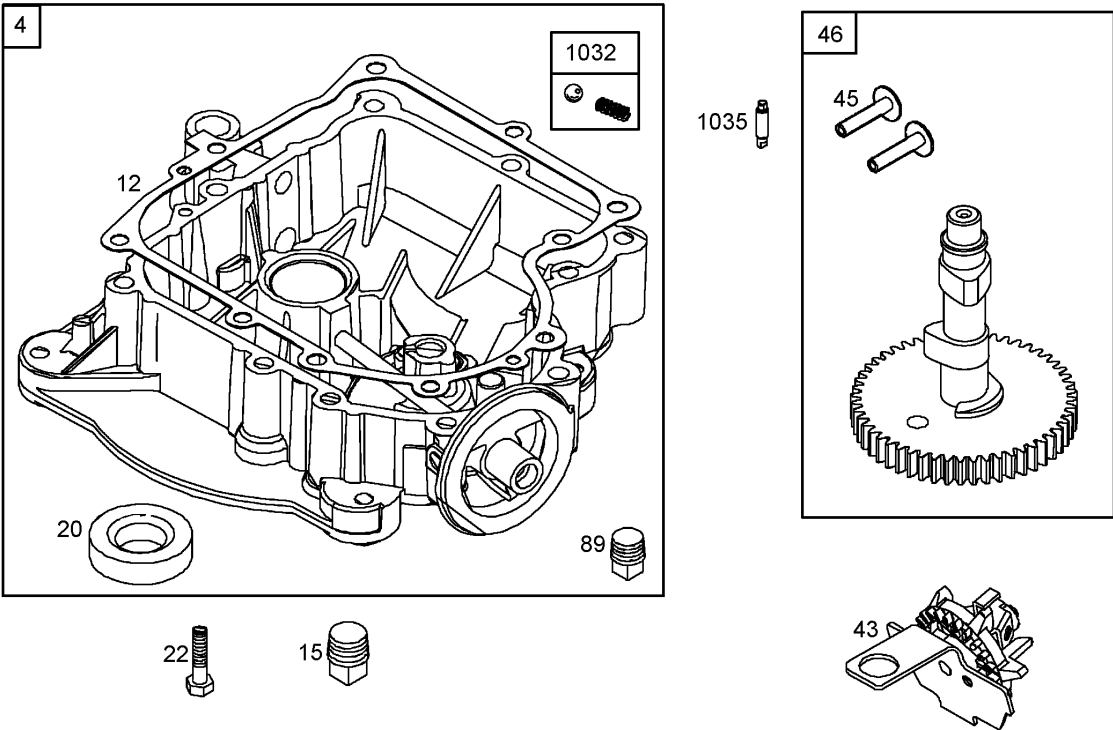
Cylinder Head Assembly
Briggs and Stratton 31K777-0190-E1

Ref	Part No.	Qty.	Description				
5	698404	1	Head-Cylinder				
7	699168	1	Gasket-Head, Cylinder				
13	690360	1	Screw (Cylinder Head Gasket)				
33	698370	1	Valve-Exhaust				
34	695761	1	Valve-Intake				
35	691279	1	Spring-Valve (Intake)				
36	691279	1	Spring-Valve (Exhaust)				
402	499586	1	Keeper-Valve				
45	690564	1	Tappet-Valve				
50	690193	1	Manifold-Intake				
51	692137	1	Gasket-Intake				
54	691148	1	Screw (Intake Manifold)				
192	691986	1	Adjustor-Arm, Rocker				
238	691843	1	Cap-Valve				
617	692138	1	Seal-O Ring (Intake Manifold)				
830	691095	1	Stud-Arm, Rocker				
868	690968	1	Seal-Valve				
914	691108	1	Screw (Rocker Cover)				
1022	272475	1	Gasket-Cover, Rocker				
1023	692492	1	Cover-Rocker				
1026	692003	1	Rod-Push				
1026	692011	1	Rod-Push				
1029	791079	1	Cover-Rocker				
1034	690822	1	Guide-Rod, Push				



Crankshaft Assembly
Briggs and Stratton 31K777-0190-E1

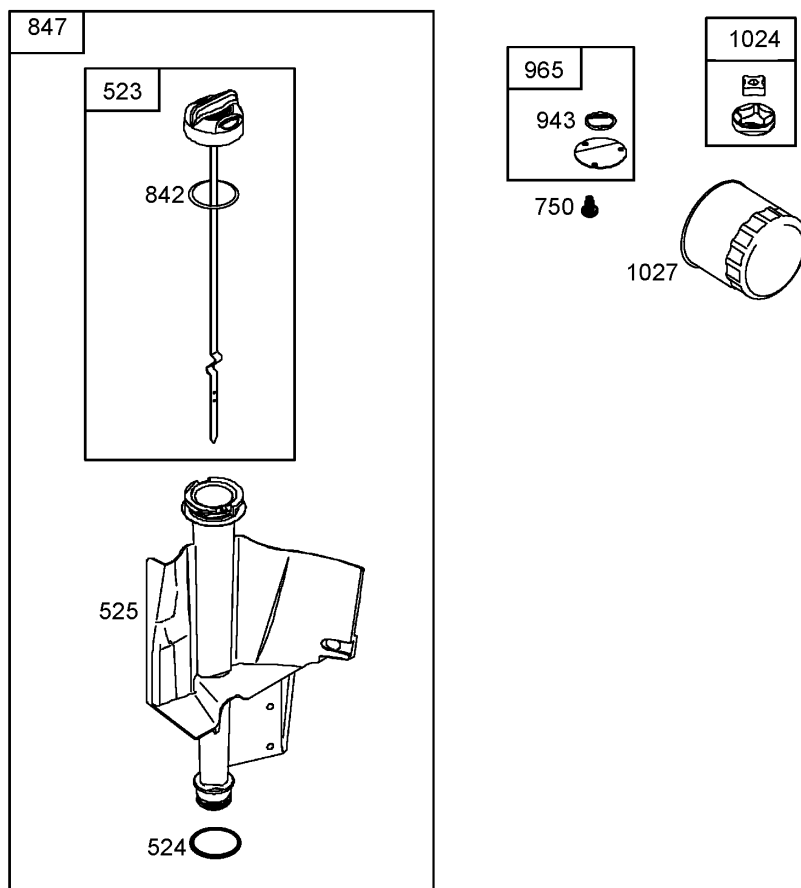
Ref	Part No.	Qty.	Description				
❶16	697516	1	Crankshaft				
❶24	222698	1	Key				
❶25	699052	1	Piston ASM (Standard)				
❶25	699054	1	Piston ASM (.020In Oversize)				
❶26	697164	1	Ring Set (Standard)				
❶26	697559	1	Ring Set (.020In Oversize)				
❶27	698469	1	Lock-Pin, Piston				
❶28	697099	1	Pin-Piston (STD)				
❶29	697518	1	Rod-Connecting (Standard)				
❶29	697264	1	Rod-Connecting (.020In Undersize)				
❶32	692852	1	Screw (Connecting Rod)				
❶146	690979	1	Key-Timing				
❶741	697128	1	Gear-Timing				
❶757	697607	1	Link-Counterweight				
❶758	697134	1	Counterweight				
❶759	697392	1	Pin-Counterweight				
❶1270	697156	1	Plug-Counterweight, Avs				



Assemblies include all parts shown in frames.

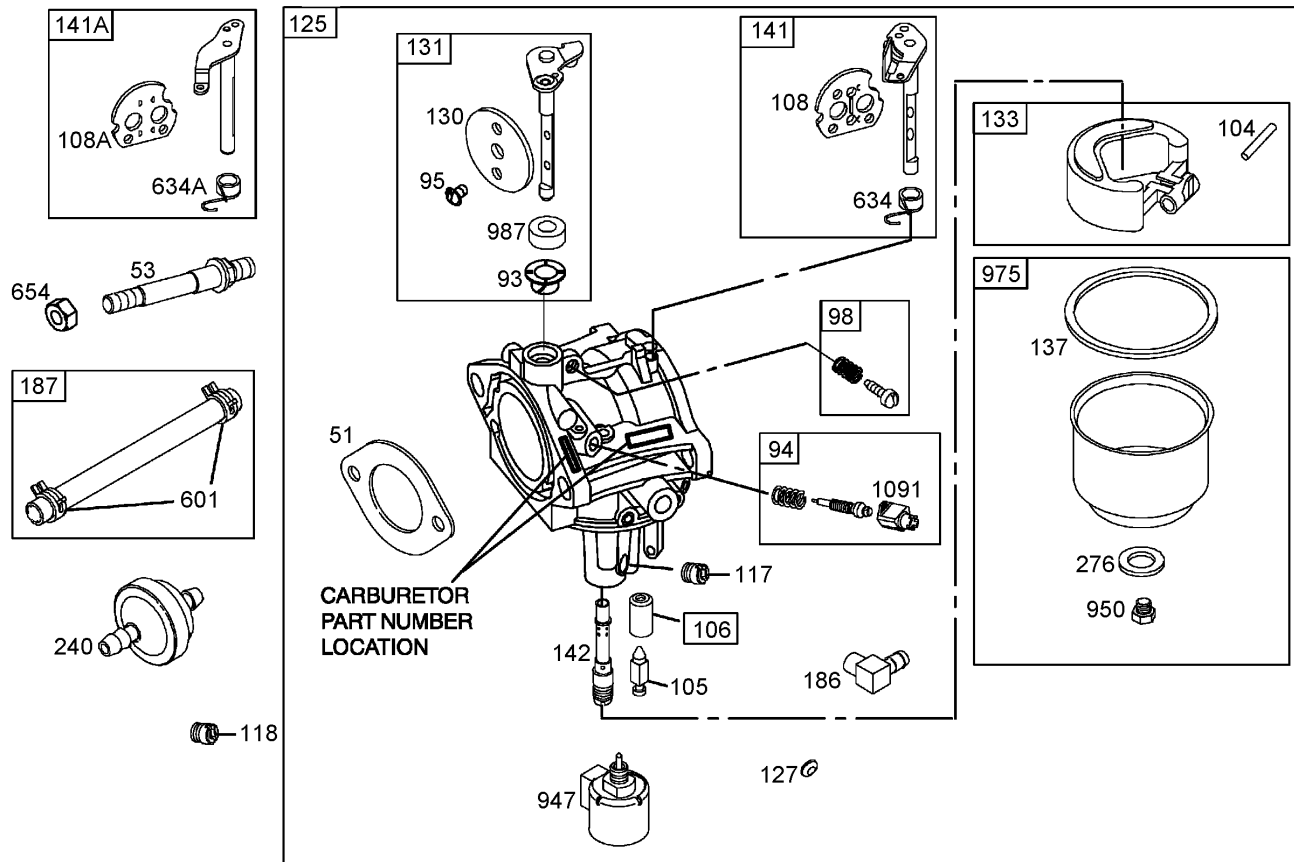
Crankcase Assembly
Briggs and Stratton 31K777-0190-E1

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 (PTO Side)				
22	692125	1	Screw (Engine Sump)				
43	691968	1	Slinger-Governor, Oil				
45	690564	1	Tappet-Valve				
46	790400	1	Camshaft				
89	690283	1	Plug-Oil				
1032	491710	1	Ball-Pump, Oil				
1035	693784	1	Shaft-Pump, Oil				



Assemblies include all parts shown in frames.
Oil Filter, Tube and Pump Assembly
Briggs and Stratton 31K777-0190-E1

Ref	Part No.	Qty.	Description
523	699908	1	Dipstick
524	691032	1	Seal-O Ring (Dipstick Tube)
525	697184	1	Tube-Dipstick
750	691033	1	Screw (Oil Pump Cover)
842	691031	1	Seal-O Ring (Dipstick)
847	790442	1	Dipstick And Tube ASM
943	690589	1	Seal-O Ring (Oil Pump Cover)
965	499613	1	Cover-Pump, Oil
1024	499054	1	Pump-Oil
1027	492932	1	Filter-Oil



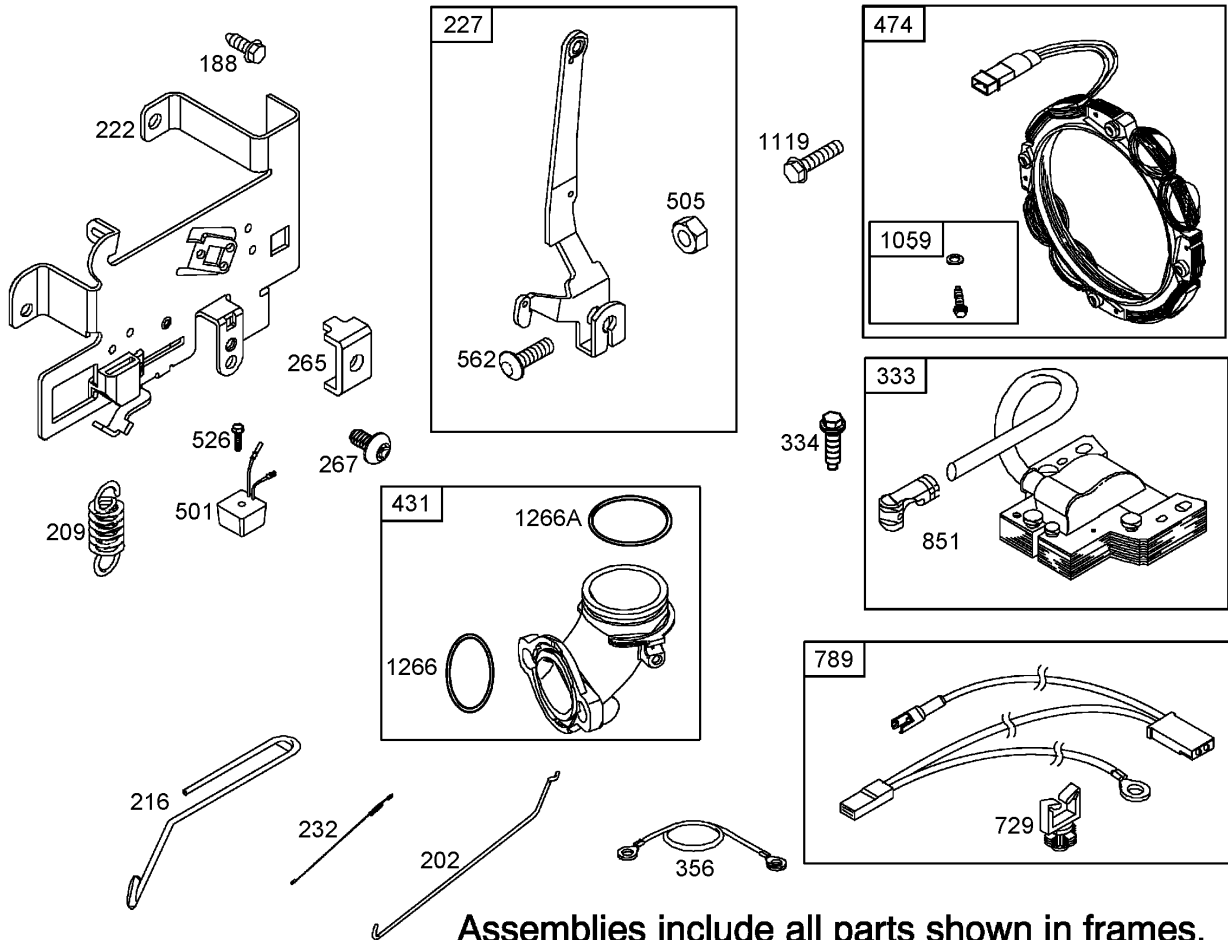
Assemblies include all parts shown in frames.

Carburetor Assembly

Briggs and Stratton 31K777-0190-E1

Ref	Part No.	Qty.	Description
51	692137	1	Gasket-Intake
53	690227	1	Stud (Carburetor)
93	690602	1	Bushing-Shaft, Throttle
94	498030	1	Idle Mixture Kit
95	691636	1	Screw (Throttle Valve)
98	495800	1	Idle Speed Kit
104	690525	1	Pin-Hinge, Carburetor Float
105	231855	1	Valve-Needle, Float
106	690577	1	Seat-Inlet
108	690464	1	Valve-Choke (Manual Choke)
108A	692344	1	Valve-Choke (Choke A Matic)
117	694352	1	Jet-Main (STD)
118	697228	1	Jet-Main (High Altitude)
125	698445	1	Carburetor
127	695005	1	Plug-Welch
130	691750	1	Valve-Throttle
131	494379	1	Throttle Shaft Kit
133	494381	1	Float-Carburetor
137	281165	1	Gasket-Bowl, Float
141	495097	1	Choke Shaft Kit (Manual Choke)
141A	495931	1	Choke Shaft Kit (Choke A Matic)
142	697140	1	Nozzle-Carburetor
186	698174	1	Connector-Hose

Ref	Part No.	Qty.	Description
187	697098		Line-Fuel (Cut To Required Length)
240	394358	1	Filter-Fuel
276	692255	1	Washer-Sealing
601	95162	1	Clamp-Hose
634	690801	1	Spring / Seal ASM
634A	690802	1	Spring And Seal ASM
654	690958	1	Nut (Carburetor)
947	694393	1	Solenoid-Fuel
950	691657	1	Screw (Float Bowl)
975	495933	1	Bowl-Float
987	691326	1	Seal-Shaft, Throttle
1091	691333	1	Cap-Limiter

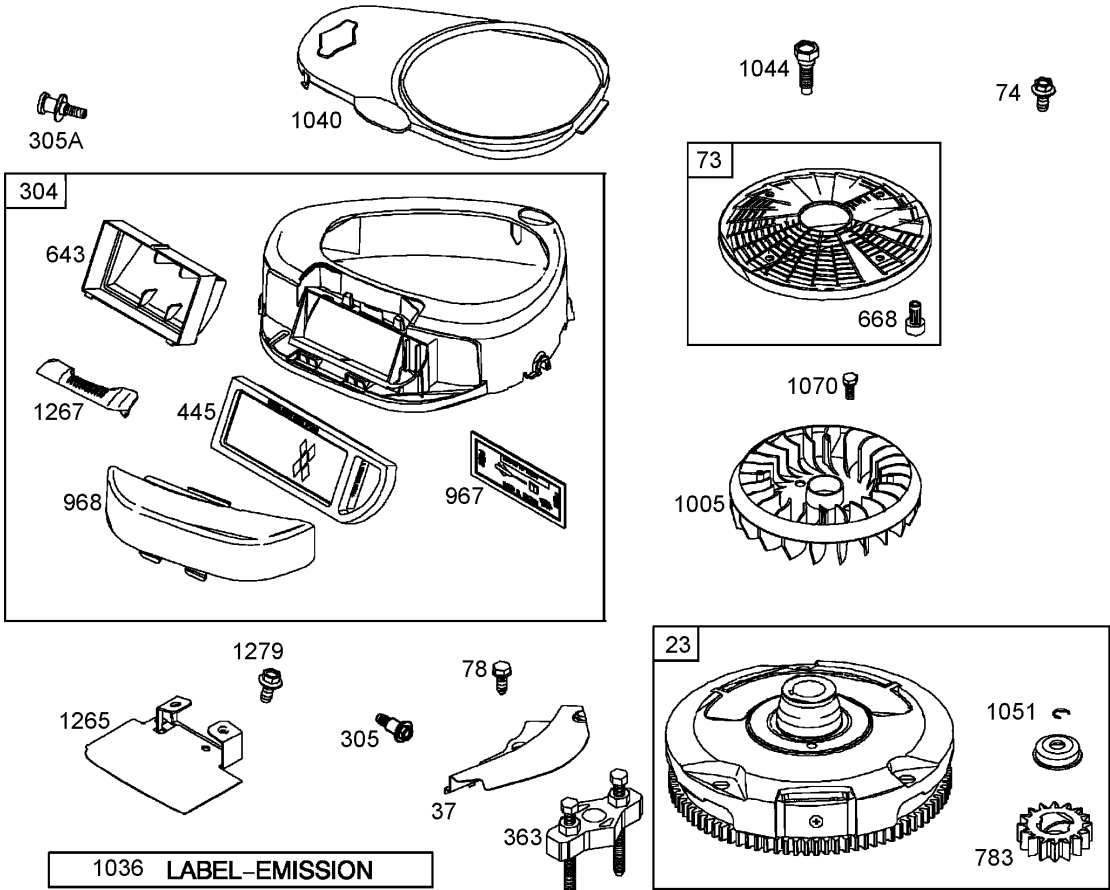


Governor Assembly

Briggs and Stratton 31K777-0190-E1

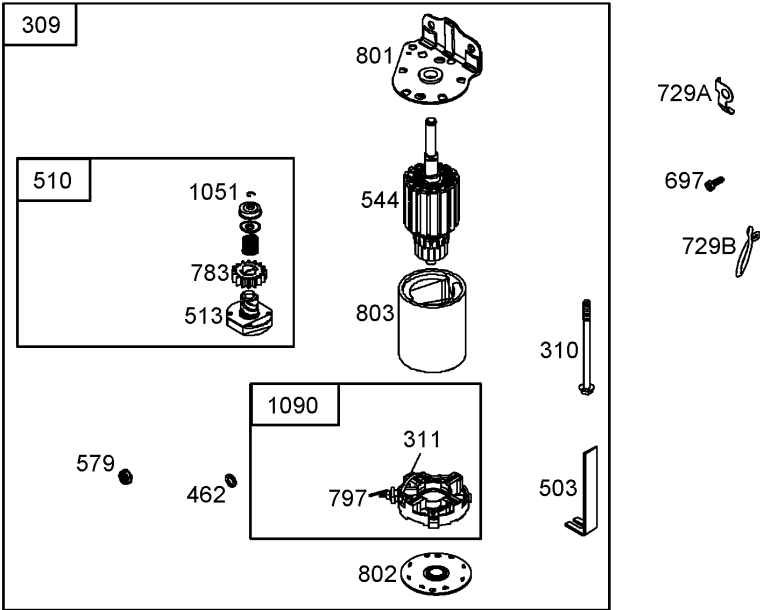
Ref	Part No.	Qty.	Description
188	691693	1	Screw (Control Bracket)
202	691841	1	Link-Governor, Mechanical
209	692208	1	Spring-Governor
216	691840	1	Link-Choke
222	694042	1	Bracket-Control
227	691374	1	Lever-Control, Governor
232	691842	1	Spring-Link, Governor
265	691024	1	Clamp-Casing
267	695134	1	Screw (Casing Clamp)
333	492341	1	Armature-Magneto
334	691061	1	Screw (Magneto Armature)
356	697089	1	Stop-Wire
431	697122	1	Elbow-Intake
474	696458	1	Alternator
501	691185	1	Regulator
505	691251	1	Nut (Governor Control Lever)
526	697348	1	Screw (Regulator)
562	691119	1	Bolt (Governor Control Lever)
729	691335	1	Clip-Wire
789	692037	1	Wiring-Harness
851	493880	1	Terminal-Spark Plug
1059	698516	1	Screw And Washer Kit
1119	691183	1	Screw (Alternator)
1266	691917	1	Seal-O Ring (Intake Elbow)

Ref	Part No.	Qty.	Description
1266A	697123	1	Seal-O Ring (Intake Elbow)



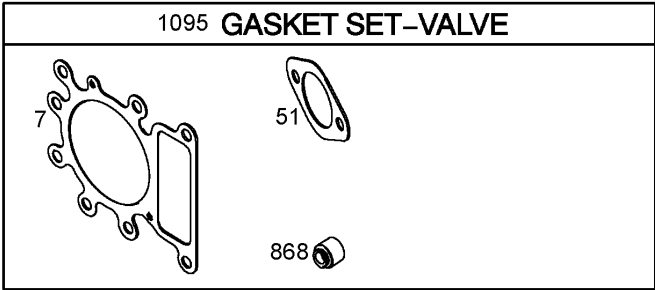
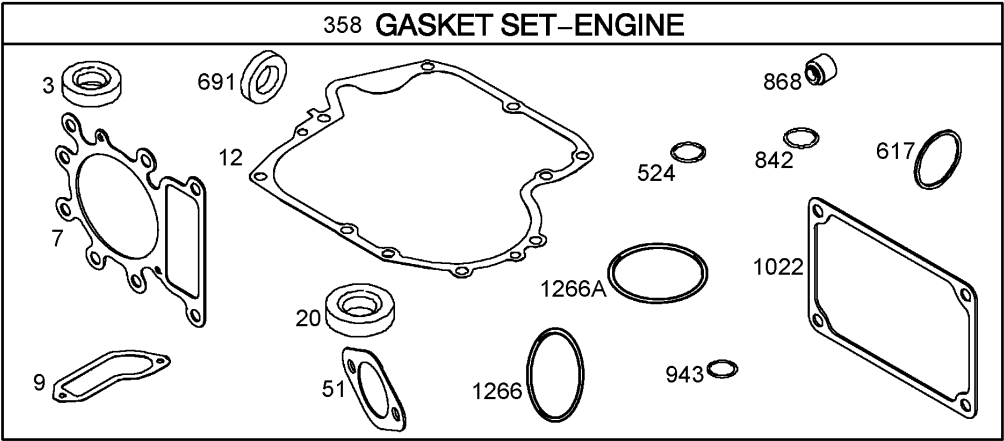
Assemblies include all parts shown in frames.
Blower Housing Assembly
Briggs and Stratton 31K777-0190-E1

Ref	Part No.	Qty.	Description				
❶23	693556	1	Flywheel				
❶37	697108	1	Guard-Flywheel				
❶73	499439	1	Screen-Rotating				
❶74	691674	1	Screw (Rotating Screen)				
❶78	691003	1	Screw (Flywheel Guard)				
❶304	790009	1	Housing-Blower				
❶305	697102	1	Screw (Blower Housing)				
❶305A	697103	1	Screw (Blower Housing)				
❶363	19203	1	Puller-Flywheel				
❶445	697153	1	Filter-Cartridge, Air Cleaner				
❶643	698401	1	Retainer-Filter, Air				
❶668	691500	1	Spacer				
❶783	693713	1	Gear-Pinion				
❶967	697015	1	Filter-Cleaner, Pre				
❶968	790008	1	Cover-Cleaner, Air				
❶1005	697111	1	Fan-Flywheel				
❶1036	790464	1	Label-Emission				
❶1040	698470	1	Trim-Plate				
❶1044	698139	1	Screw (Crankshaft Extension)				
❶1051	691265	1	Ring-Retaining				
❶1070	690372	1	Screw (Flywheel Fan)				
❶1265	697125	1	Support-Housing, Blower				
❶1267	697575	1	Latch-Housing, Blower				
❶1279	691108	1	Screw (Blower Housing Support)				



Starter Assembly
Briggs and Stratton 31K777-0190-E1

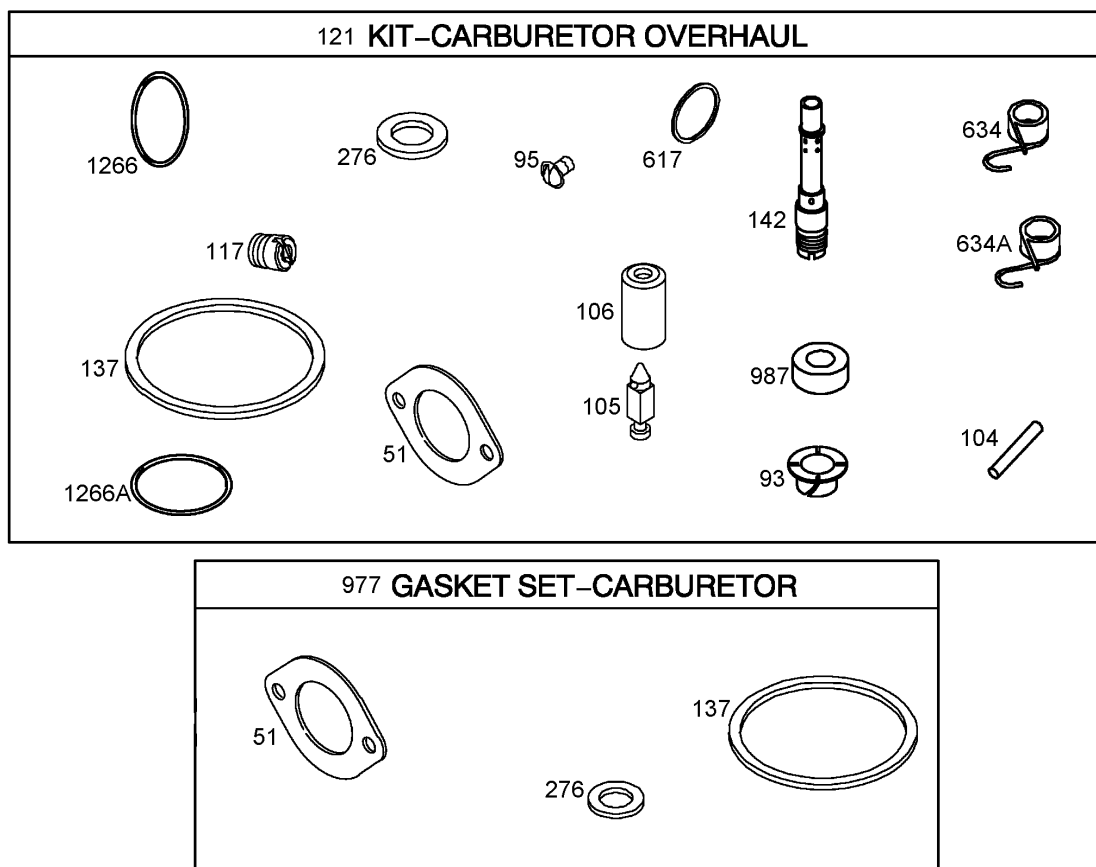
Ref	Part No.	Qty.	Description				
❶309	693551	1	Motor-Starter				
❶310	690323	1	Bolt (Starter Motor)				
❶311	497608	1	Brush Set				
❶462	691261	1	Washer (Brush Retainer)				
❶503	691532	1	Strap-Starter				
❶510	693699	1	Drive-Starter				
❶513	692024	1	Clutch-Drive				
❶544	692034	1	Armature-Starter				
❶579	691029	1	Nut (Brush Retainer)				
❶697	690372	1	Screw (Drive Cap)				
❶729A	691224	1	Clip-Wire				
❶729B	694123	1	Clip-Wire				
❶783	693713	1	Gear-Pinion				
❶797	693167	1	Nut (Brush Retainer)				
❶801	691283	1	Cap-Drive				
❶802	691286	1	Cap-End				
❶803	693757	1	Housing-Starter				
❶1051	691265	1	Ring-Retaining				
❶1090	691293	1	Retainer-Brush				



Assemblies include all parts shown in frames.

**Engine and Valve Gasket Set Assemblies
Briggs and Stratton 31K777-0190-E1**

Ref	Part No.	Qty.	Description				
3	391086	1	Seal-Oil (Magneto Side)				
7	699168	1	Gasket-Head, Cylinder				
9	697109	1	Gasket-Breather				
12	697110		Gasket-Crankcase				
20	690947	1	Seal-Oil (PTO Side)				
51	692137	1	Gasket-Intake				
358	697191	1	Gasket Set-Engine				
617	692138	1	Seal (Intake Manifold)				
524	691032	1	Seal (Dipstick Tube)				
691	692407	1	Seal-Shaft, Governor				
842	691031	1	Seal (Dipstick Tube)				
868	690968	1	Seal-Valve				
943	690589	1	Seal-O Ring (Oil Pump Cover)				
1022	272475	1	Gasket-Cover, Rocker				
1095	691581	1	Valve Gasket Set				
1266	691917	1	Seal-O Ring (Intake Elbow)				
1266A	697123	1	Seal-O Ring (Intake Elbow)				



Assemblies include all parts shown in frames.
Carburetor Overhaul Kit and Gasket Set Assemblies
Briggs and Stratton 31K777-0190-E1

Ref	Part No.	Qty.	Description				
⑤51	692137	1	Gasket-Intake				
⑤93	690602	1	Bushing-Shaft, Throttle				
⑤95	691636	1	Screw (Throttle Valve)				
⑤104	690525	1	Pin-Hinge, Carburetor Float				
⑤105	231855	1	Valve-Needle, Float				
⑤106	690577	1	Seat-Inlet				
⑤117	694352	1	Jet-Main (STD)				
⑤121	697241	1	Carburetor Overhaul Kit				
⑤137	281165	1	Gasket-Bowl, Float				
⑤142	697140	1	Nozzle-Carburetor				
⑤276	692255	1	Washer-Sealing				
⑤617	692138	1	Seal (Intake Manifold)				
⑤634	690801	1	Spring / Seal ASM				
⑤634A	690802	1	Spring And Seal ASM				
⑤977	690192	1	Carburetor Gasket Set				
⑤987	691326	1	Seal-Shaft, Throttle				
⑤1266	691917	1	Seal-O Ring (Intake Elbow)				
⑤1266A	697123	1	Seal-O Ring (Intake Elbow)				

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