Form No. 3354-753 Rev C

TORO®

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Parts Catalog

TimeCutter® ZD420

Riding Mower

Model No. 74433—Serial No. 260000001 and Up

Register at www.Toro.com.
Original Instructions (EN)

3354-753 C

Ordering Replacement Parts

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

Understanding Reference Numbers

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

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

Service Assembly Reference Numbers

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

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

Reference Numbers Indicating Quantity

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

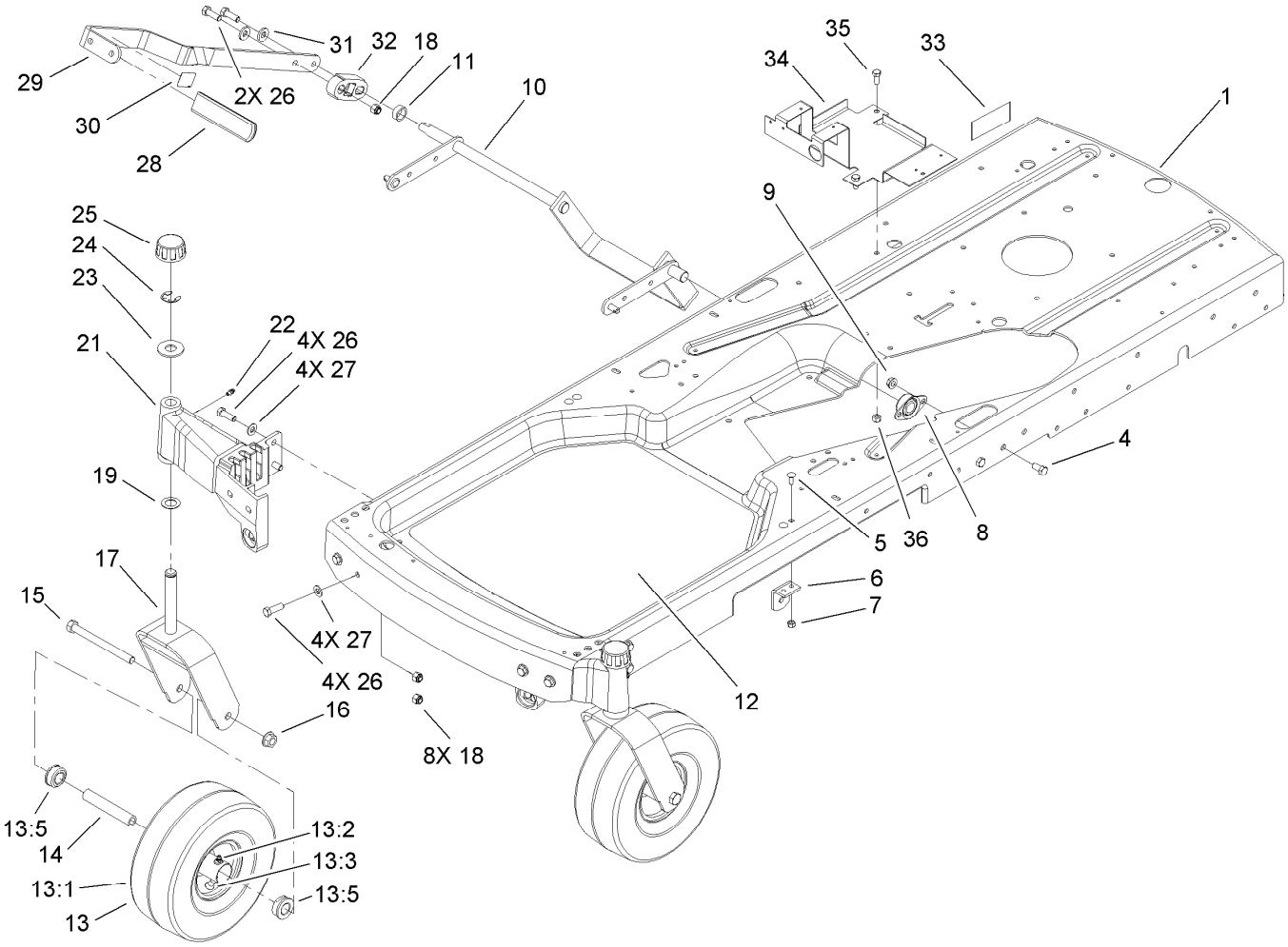
For example, in an illustration, the reference number 2X 37 means that two of the parts identified by reference number 37 are indicated.

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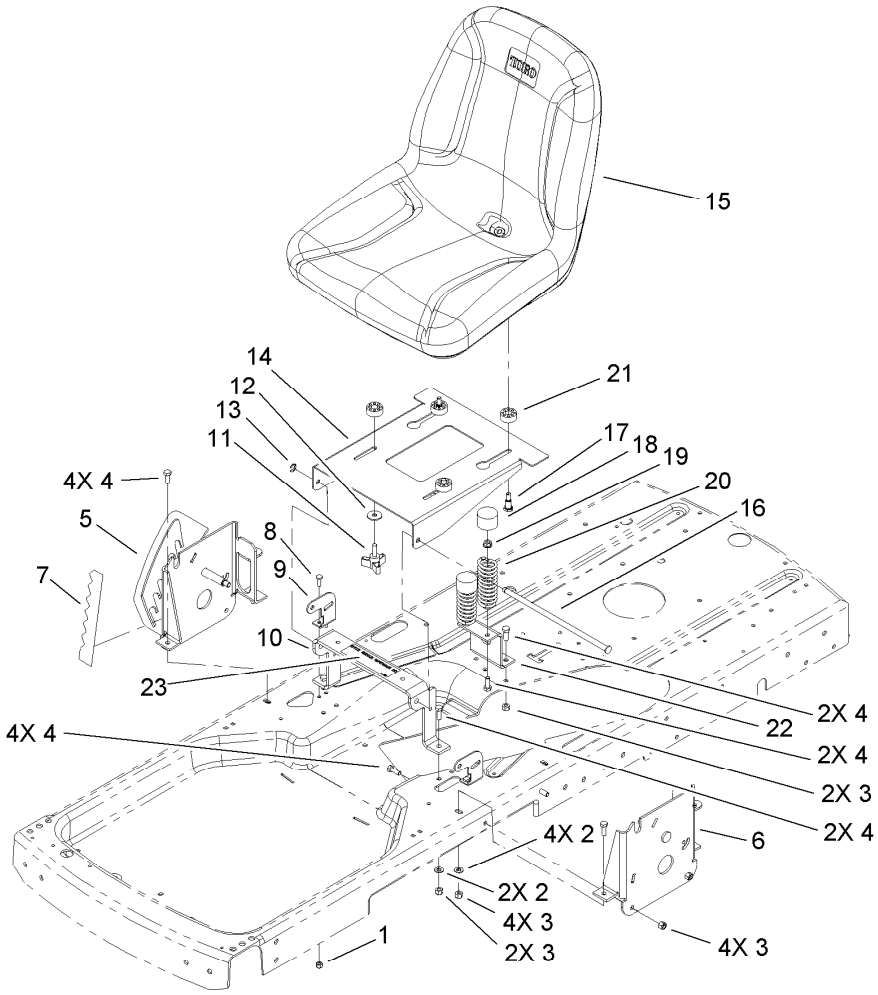


Frame Assembly

Ref.	Part Number	Qty.	Description
1	107-8999-01	1	Frame
4	323-4	4	Screw-HH
5	3229-1	4	Bolt-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	114-3601-03	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	Bushing-Spanner
15	325-22	2	Screw-HH
16	32128-23	2	Nut-HF
17	110-6581-01	2	Caster Fork ASM

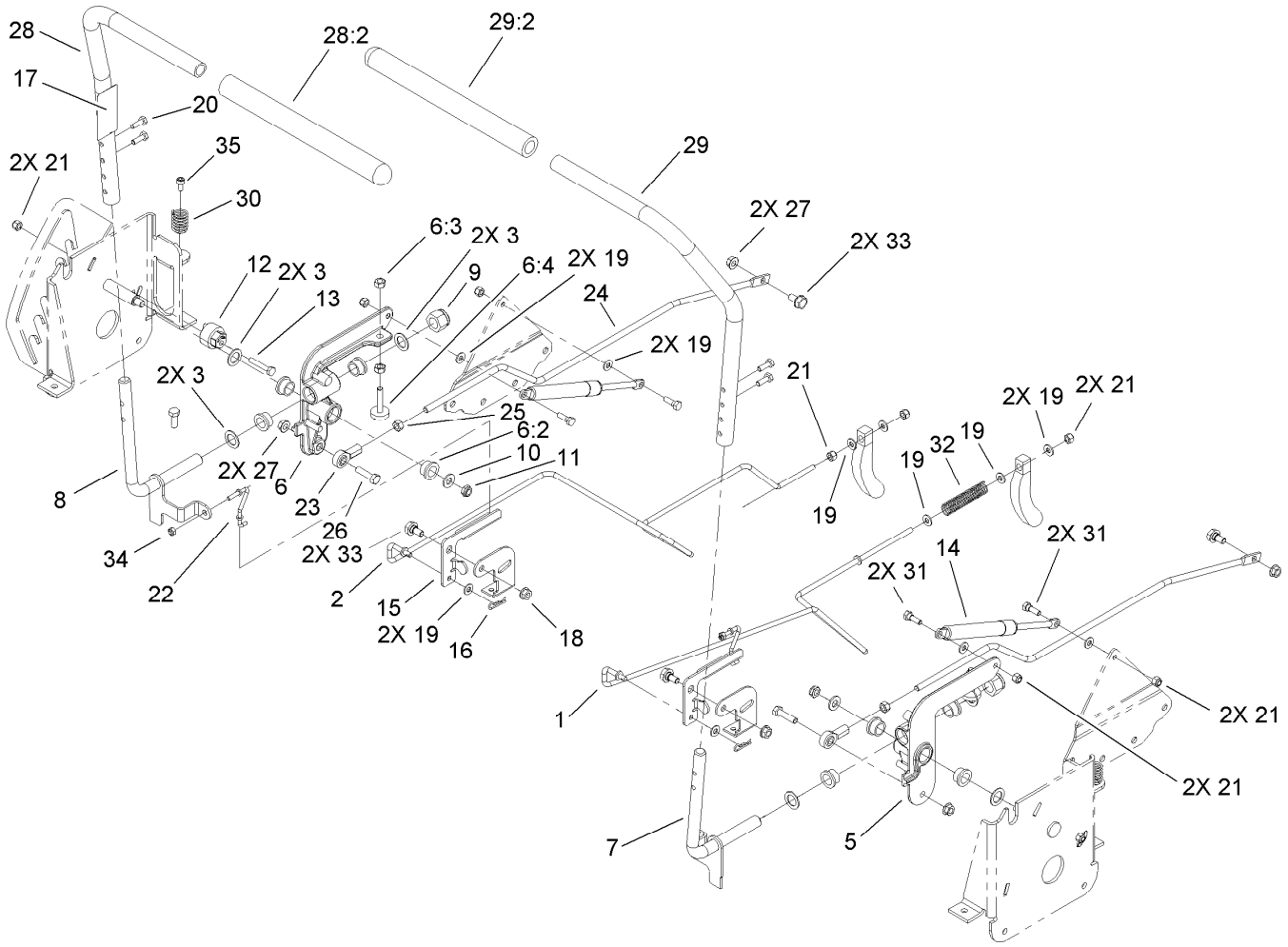
Ref.	Part Number	Qty.	Description
18	3296-39	9	Nut-Lock, NI
19	3-6498	2	Washer-Thrust
20	105-6986-01	1	Caster-LH ●
21	105-6985-01	1	Caster-RH
22	302-5	2	Fitting-Grease
23	28-2480	2	Washer-Plain
24	32151-103	2	Ring-Retaining, EXT
25	61-9780	2	Cap-Hub
26	323-18	10	Screw-HH
27	3256-24	8	Washer-Flat
28	105-3450	1	Grip-Lever, Lift
29	108-2317-03	1	Lever-Lift
30	106-8743	1	Decal-HOC
31	98-5975	2	Washer-Belleville
32	106-2211	1	Block-Lift
33	106-7043	1	Decal-Transport
34	107-8965-03	1	Holder-Battery
35	322-3	2	Screw-HH
36	3296-29	2	Nut-Lock, NI

● Not illustrated



Seat Assembly

Ref.	*Part Number*	*Qty.*	*Description*
1	3296-42	4	Nut-Lock, NI
2	3256-23	6	Washer-Plain
3	3296-29	12	Nut-Lock, NI
4	322-4	14	Screw-HH
5	106-2158-03	1	RH Plate ASM
6	106-2159-03	1	LH Plate ASM
7	106-2223	1	Decal-HOC
8	321-4	4	Screw-HH
9	106-2180	2	Bracket-Bellcrank
10	108-8742-03	1	Brace-Seat, DC
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	108-2329	1	Seat
16	105-6955	1	Pin-Pivot
17	613529	2	Screw-Shoulder
18	701178	2	Cap-Protector
19	32128-25	2	Nut-HF
20	92-7054	2	Spring-Compression
21	107-4902	4	Spacer-Nylon
22	107-8964-03	1	Brace-Seat
23	106-8717	1	Decal-Service, CE

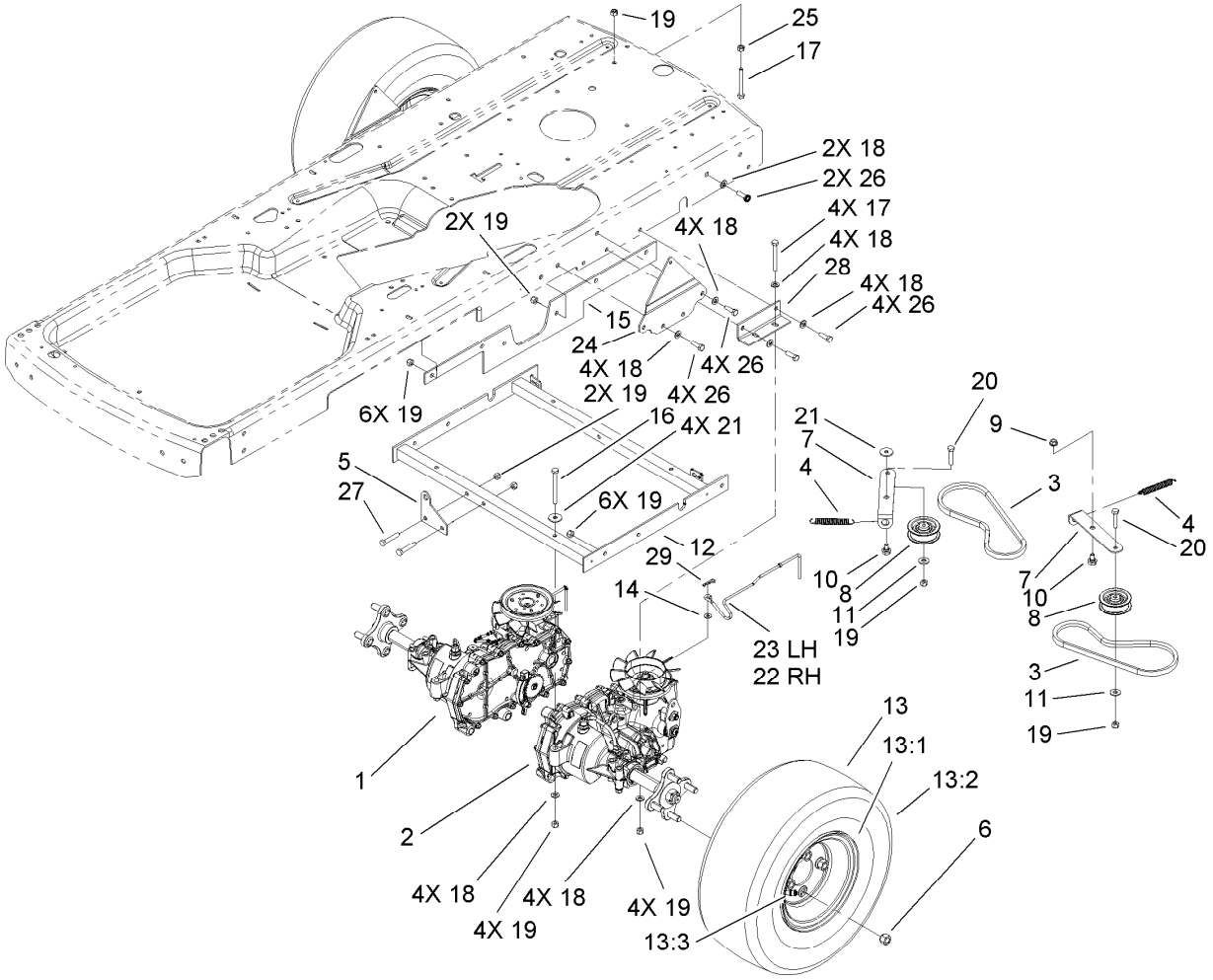


Control Assembly

Ref.	Part Number	Qty.	Description
1	108-8792	1	Rod-Brake, LH
2	110-1041	1	Rod-Brake, RH
3	105-3481	6	Washer-Thrust
5	110-1869	1	LH Activator Arm ASM
5:2	105-3455	4	Bushing ●
5:3	3217-6	2	Nut-Hex ●
5:4	105-3486	1	Stop-Adjustment ●
6	110-1870	1	RH Activator Arm ASM
6:2	105-3455	4	Bushing
6:3	3217-6	2	Nut-Hex
6:4	105-3486	1	Stop-Adjustment
7	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
16	1-806003	2	Pin-Cotter

Ref.	Part Number	Qty.	Description
17	106-8742	2	Decal
18	32128-25	2	Nut-HF
19	3256-22	11	Washer-Flat
20	321-4	4	Screw-HH
21	3296-42	9	Nut-Lock, NI
22	106-2179	2	Link-Brake
23	1-543017	2	Balljoint-RH
24	105-7048	2	Rod-Hydro
25	3219-2	2	Nut-Hex
26	322-6	2	Screw-HH
27	32128-20	4	Nut-HF
28	108-8746	1	RH Control Handle ASM
28:2	1-633257	1	Grip-Control, Motion
29	108-8747	1	LH Control Handle ASM
29:2	1-633257	1	Grip-Control, Motion
30	105-3469	2	Spring-Compression
31	106-2214	4	Bolt-Shoulder
32	105-3465	1	Spring-Compression
33	37-8771	4	Bolt-Shoulder, HF
34	3296-2	2	Nut-Lock, NI
35	3274-52	2	Screw-HSH

● Not illustrated

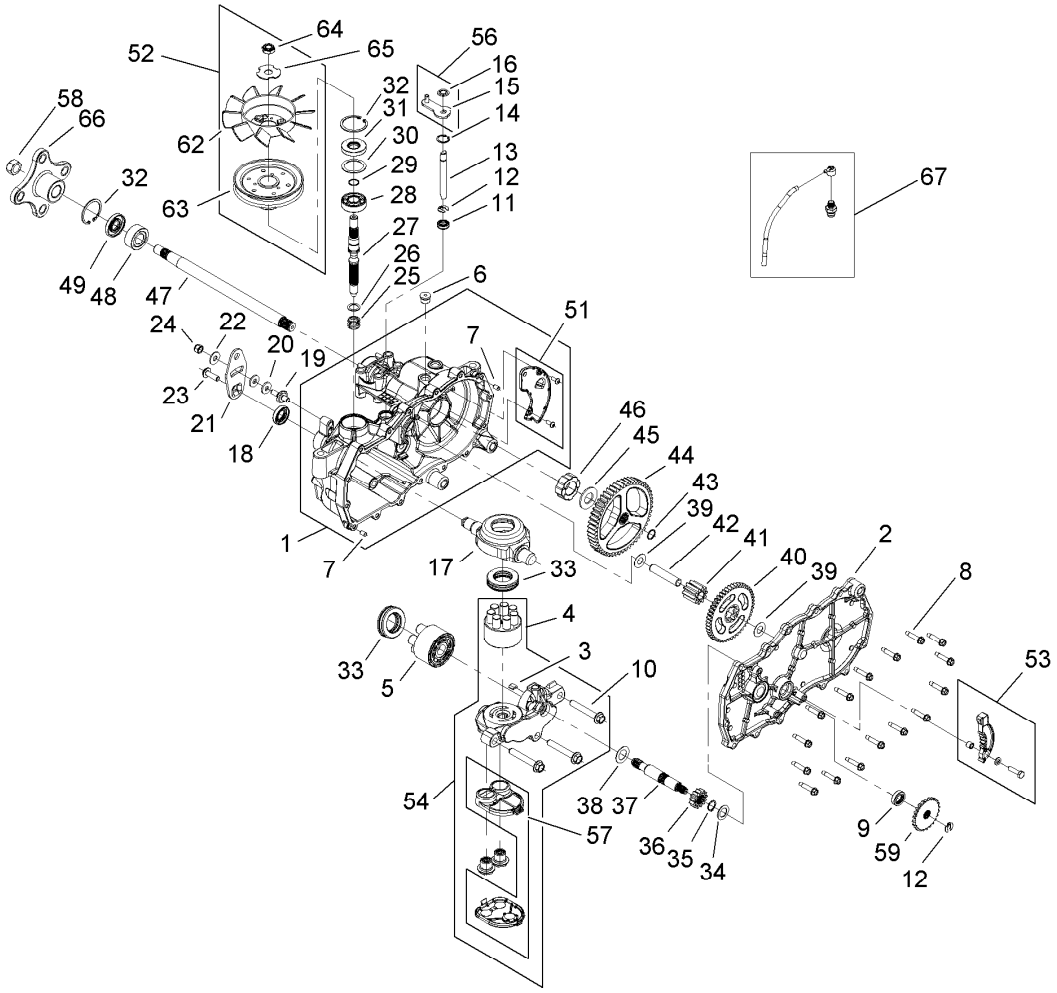


Hydro and Belt Drive Assembly

Ref.	Part Number	Qty.	Description
1	112-4761	1	Transaxle-Hydro, RH
2	112-4760	1	Transaxle-Hydro, LH
3	106-2174	2	V-Belt
4	95-3805	2	Spring
5	105-7049	1	Bracket-Spring
6	242-50	8	Nut-Lug
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	108-8733-03	1	Hydro Frame ASM
13	106-7004	2	Wheel And Tire ASM
13:1	242-76	1	Rim
13:2	106-7006	1	Tire
13:3	232-27	1	Stem-Valve
13:99	107-2491	1	Tube-Tire ●

Ref.	Part Number	Qty.	Description
14	3256-1	2	Washer-Flat
15	107-8970-03	1	Brace-Frame, Left Side
16	322-20	4	Screw-HH
17	322-13	5	Screw-HH
18	3256-23	26	Washer-Plain
19	3296-29	27	Nut-Lock, NI
20	322-7	2	Screw-HH
21	5-4460	5	Washer-Pivot
22	107-2464	1	Arm-Bypass, RH ●
23	107-2463	1	Arm-Bypass, LH
24	112-4754-03	2	Anchor-Damper
25	3217-6	1	Nut-Hex
26	322-5	14	Screw-HH
27	322-9	2	Screw-HH
28	105-7039-03	2	Support-Hydro
29	1-806003	2	Pin-Cotter

● Not illustrated

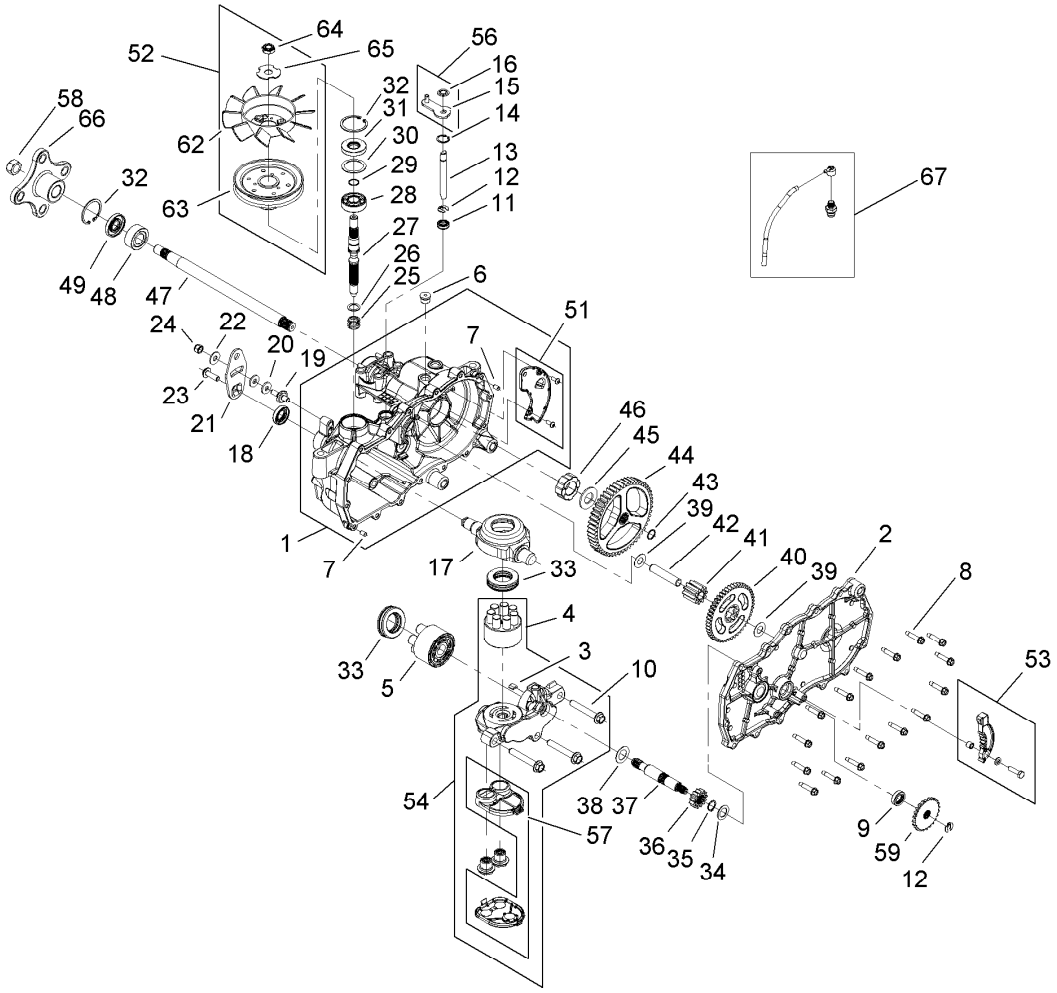


LH Hydro Transaxle Assembly No. 112-4760

Ref.	Part Number	Qty.	Description
1	106-8695	1	Main Housing ASM
2	106-8696	1	Side ASM
3	110-8560	1	Plate-Bypass
4	110-8561	1	Pump Block ASM
5	104-2106	1	Cylinder Block ASM
6	112-9850	1	Plug
7	104-2170	2	Pin
8	104-5305	16	Screw-HHF
9	112-9851	1	Brake Seal Kit
10	94-6926	3	Bolt
11	106-8676	1	Seal-Lip
12	106-8677	2	Ring-Retaining, External
13	106-8678	1	Rod-Bypass
14	106-8679	1	Ring-Retaining, Internal
15	107-2490	1	Arm-Bypass
16	106-8681	1	Ring-Retaining, External
17	104-5304	1	Swashplate-Trunnion
18	104-5313	1	Seal-Lip
19	104-2116	1	Stud
20	112-9853	1	Puck-Friction
21	106-8747	1	Arm-Control
22	5-4460	1	Washer-Pivot
23	107-2488	1	Screw
24	105-1872	1	Nut
25	94-1936	1	Spring-Block

Ref.	Part Number	Qty.	Description
26	94-1937	1	Washer-Thrust
27	104-5306	1	Shaft-Input
28	104-5311	1	Bearing-Ball
29	104-5307	1	Ring-Retaining
30	104-5308	1	Spacer
31	104-5310	1	Seal-Lip
32	104-5309	2	Ring-Retaining
33	94-6922	2	Bearing-Thrust
34	104-5339	1	Washer-Flat
35	104-5340	1	Ring-Retaining
36	104-5316	1	Gear-Pinnion, 13T
37	106-8683	1	Shaft-Motor
38	104-5360	1	Washer
39	94-1933	2	Washer
40	104-5317	1	Gear-10T/48T
41	104-5318	1	Gear-Jackshaft, 10T
42	104-5329	1	Pin-Jackshaft
43	112-9854	1	Ring-Spiral, Retaining
44	112-9855	1	Gear-52T, Bull
45	112-9856	1	Washer
46	112-9857	1	Bearing-Sleeve
47	112-9858	1	Shaft-Axle
48	112-9859	1	Bushing-Axle
49	112-9860	1	Seal-Lip
50	106-8686	1	Seal Kit ●

● Not illustrated

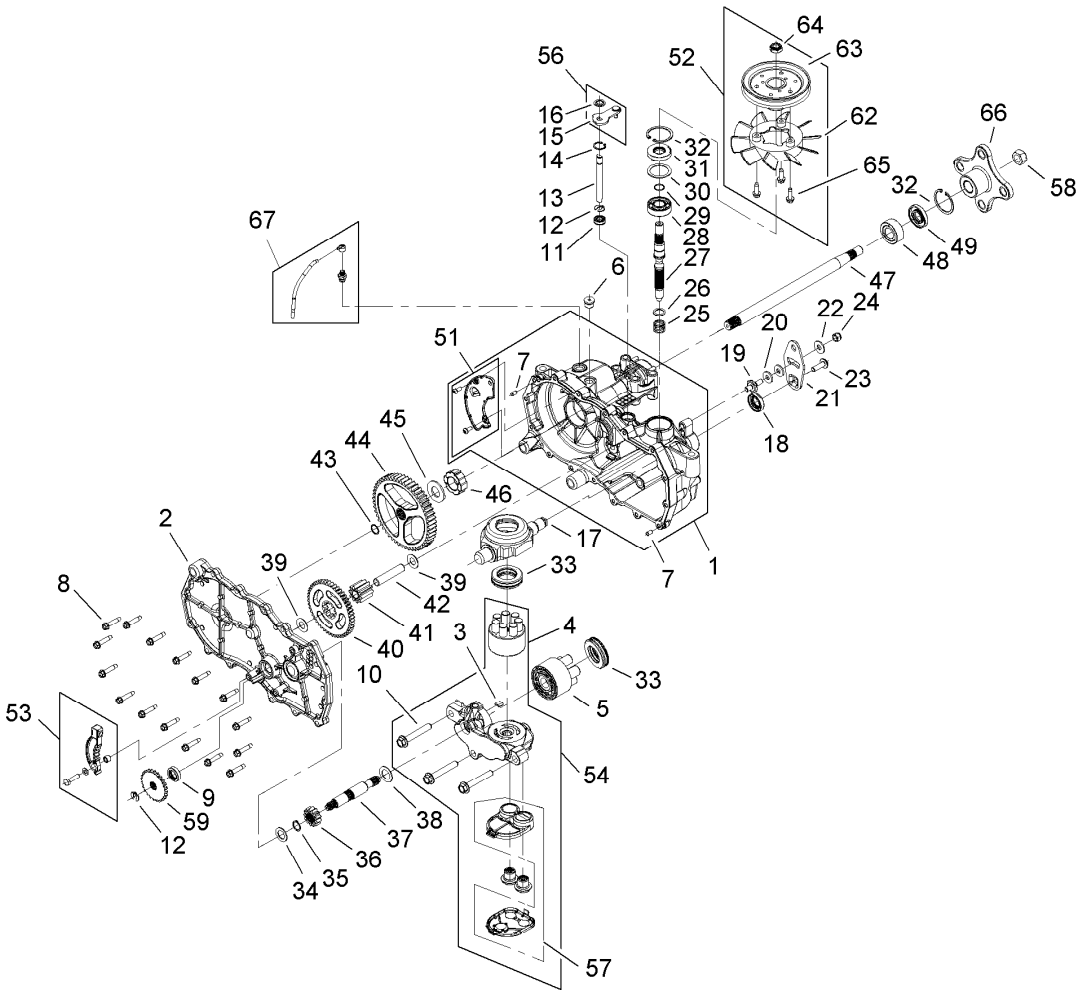


LH Hydro Transaxle Assembly No. 112-4760 (continued)

Ref.	Part Number	Qty.	Description
51	106-8697	1	Expansion Plate Kit
52	106-8698	1	Fan Pulley Kit
53	106-8688	1	Brake Arm Kit
54	112-9861	1	Center Section Filter Kit
55	112-9863	1	*obs* Tube-Sealant (Xref 104-2147) ●
56	107-2489	1	Bypass Arm Kit
57	106-8693	1	Filter Kit
58	110-8563	1	Nut-Lock, HH

Ref.	Part Number	Qty.	Description
59	106-8694	1	Disc-Brake, Cog
60	112-9864	1	Hose ●
61	108-8562	1	Pinch-Clamp, Single Ear ●
62	110-8566	1	Fan-6 Inch, 10 Blade
63	104-1754	1	Pulley
64	105-1875	1	Nut-Lock
65	107-9122	1	Washer-Slotted
66	105-1894	1	Hub ASM
67	112-9866	1	Breather Kit

● Not illustrated

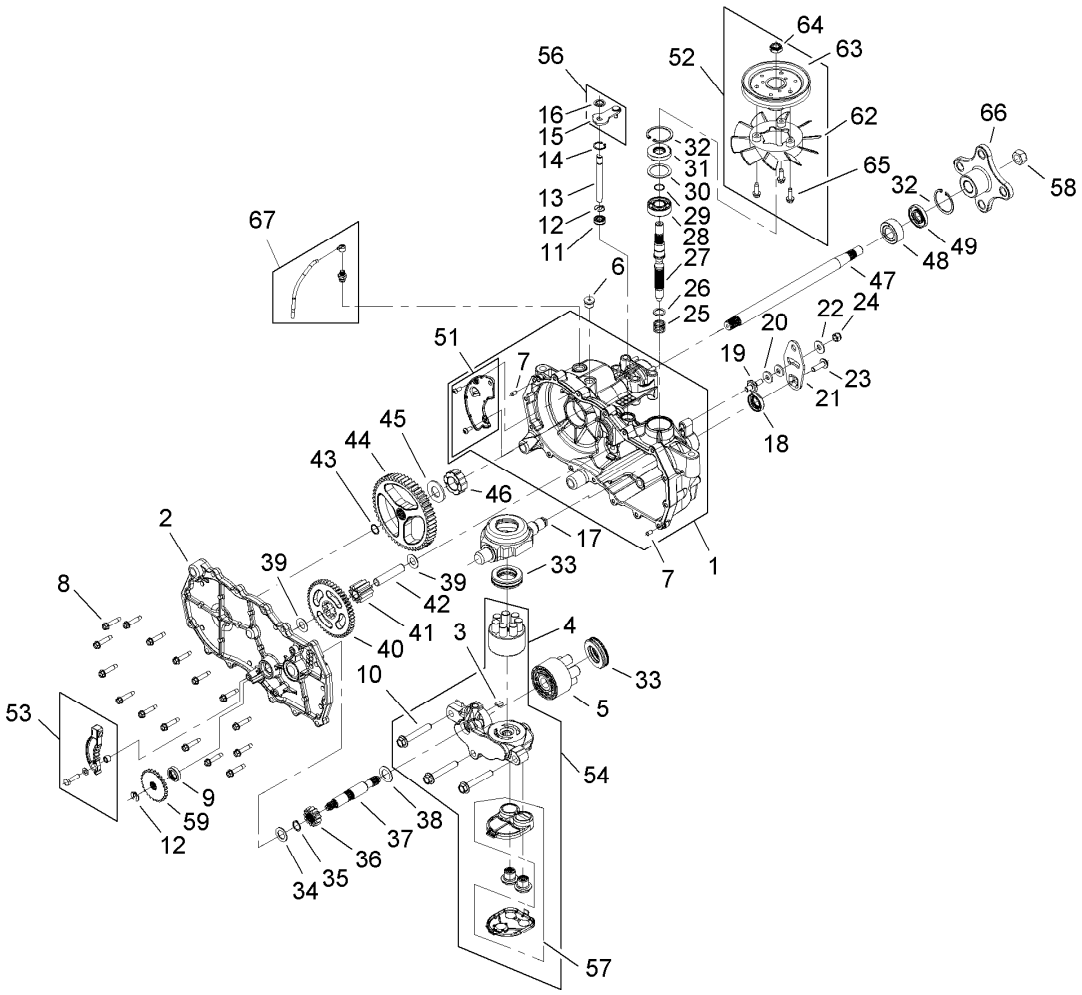


RH Hydro Transaxle Assembly No. 112-4761

Ref.	Part Number	Qty.	Description
1	106-8674	1	Main Housing ASM
2	106-8675	1	Side ASM
3	110-8560	1	Plate-Bypass
4	110-8561	1	Pump Block ASM
5	104-2106	1	Cylinder Block ASM
6	112-9850	1	Plug
7	104-2170	2	Pin
8	104-5305	16	Screw-HHF
9	112-9851	1	Brake Seal Kit
10	94-6926	3	Bolt
11	106-8676	1	Seal-Lip
12	106-8677	2	Ring-Retaining, External
13	106-8678	1	Rod-Bypass
14	106-8679	1	Ring-Retaining, Internal
15	112-9852	1	Arm-Bypass
16	106-8681	1	Ring-Retaining, External
17	104-5304	1	Swashplate-Trunnion
18	104-5313	1	Seal-Lip
19	104-2116	1	Stud
20	112-9853	1	Puck-Friction
21	106-8747	1	Arm-Control
22	5-4460	1	Washer-Pivot
23	107-2488	1	Screw
24	105-1872	1	Nut
25	94-1936	1	Spring-Block

Ref.	Part Number	Qty.	Description
26	94-1937	1	Washer-Thrust
27	104-5306	1	Shaft-Input
28	104-5311	1	Bearing-Ball
29	104-5307	1	Ring-Retaining
30	104-5308	1	Spacer
31	104-5310	1	Seal-Lip
32	104-5309	2	Ring-Retaining
33	94-6922	2	Bearing-Thrust
34	104-5339	1	Washer-Flat
35	104-5340	1	Ring-Retaining
36	104-5316	1	Gear-Pinnion, 13T
37	106-8683	1	Shaft-Motor
38	104-5360	1	Washer
39	94-1933	1	Washer
40	104-5317	1	Gear-10T/48T
41	104-5318	1	Gear-Jackshaft, 10T
42	104-5329	1	Pin-Jackshaft
43	112-9854	1	Ring-Spiral, Retaining
44	112-9855	1	Gear-52T, Bull
45	112-9856	1	Washer
46	112-9857	1	Bearing-Sleeve
47	112-9858	1	Shaft-Axle
48	112-9859	1	Bushing-Axle
49	112-9860	1	Seal-Lip
50	106-8686	1	Seal Kit ●

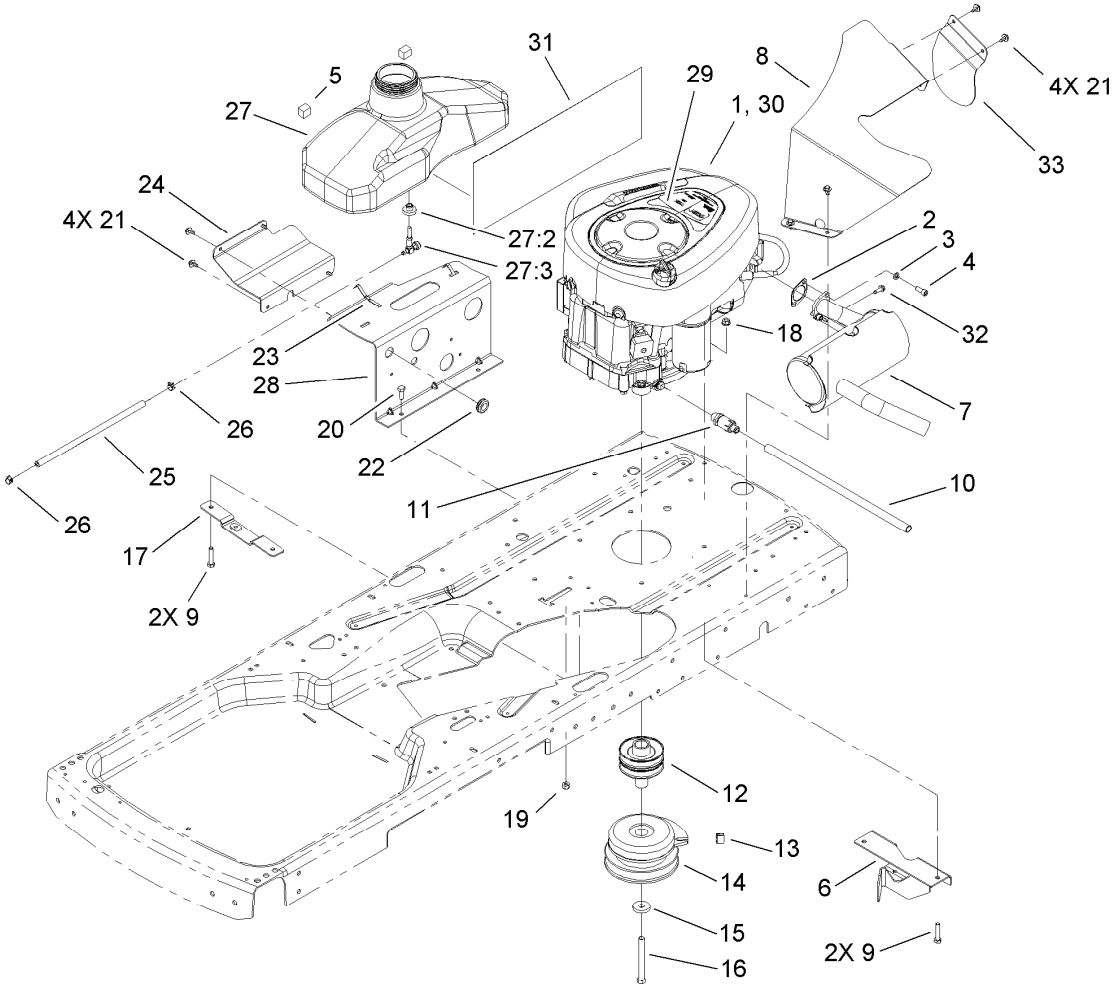
● Not illustrated



RH Hydro Transaxle Assembly No. 112-4761 (continued)

Ref.	Part Number	Qty.	Description
51	106-8687	1	Expansion Plate Kit
52	105-1928	1	Fan Pulley Kit
53	106-8688	1	Brake Arm Kit
54	112-9862	1	Center Section Filter Kit
55	112-9863	1	*obs* Tube-Sealant (Xref 104-2147) ●
56	107-2489	1	Bypass Arm Kit
57	106-8693	1	Filter Kit
58	105-1895	1	Nut
59	106-8694	1	Disc-Brake, Cog
60	112-9865	1	Hose ●
61	108-8562	1	Pinch-Clamp, Single Ear ●
62	105-1927	1	Fan
63	105-1896	1	Pulley
64	105-1875	1	Nut-Lock
65	104-2120	3	Screw
66	105-1894	1	Hub ASM
67	112-9866	1	Breather Kit

● Not illustrated

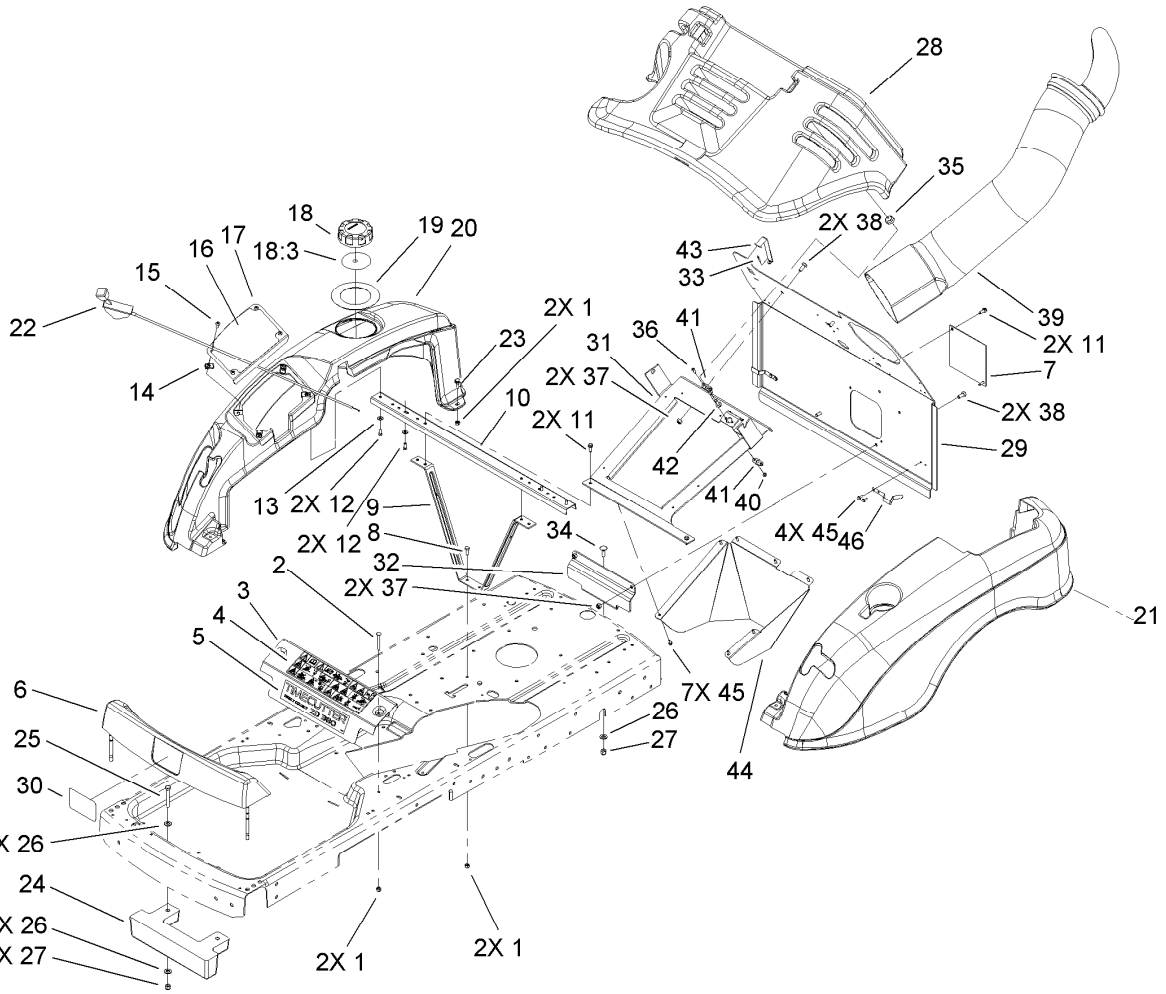


Engine Assembly

Ref.	Part Number	Qty.	Description
1		1	Engine-Briggs & Stratton, 31P7770125E1 ■▲
2	88-4410	1	Gasket-Exhaust
3	3253-4	2	Washer-Lock
4	3274-10	2	Screw-HSH
5	104-2488	2	Foam-Switch, Seat
6	107-4873	1	Bracket-Pivot
7	106-7007	1	Muffler
8	110-1982-03	1	Shield-Clipping
9	322-7	4	Screw-HH
10	106-7022	1	Tube-Drain, Oil
11	92-6877	1	Valve-Drain, Oil
12	105-3472	1	Pulley-Engine
13	98-5023	1	Bumper
14	104-3334	1	Clutch-Electric
15	112843	1	Washer
16	3212-16	1	Screw-HH
17	106-2156	1	Plate-Mount, Idler
18	32128-25	4	Nut-HF
19	3296-29	2	Nut-Lock, NI
20	322-4	2	Screw-HH
21	46-8560	8	Screw-HHFTF
22	237-124	1	Grommet
23	609830	2	Spring
24	108-2315-03	1	Plate-Support
25	109-0297	1	Hose-Fuel
26	2412-98	2	Clamp-Hose
27	105-3464	1	Gas Tank ASM
27:2	46-6560	1	Bushing
27:3	110-6565	1	Valve-Fuel
28	108-2314-03	1	Plate-Tank
29	112-4775	1	Decal-Engine
30	88-4490	1	Reducer-Throttle, Rpm ●
31	112-4776	1	Foil-Shield, Heat
32	32144-44	1	Screw-HWH, Thread Roll
33	114-3608-03	1	Shield-Deflector, Heat

● Not illustrated
▲ Obtain parts from www.briggsandstratton.com

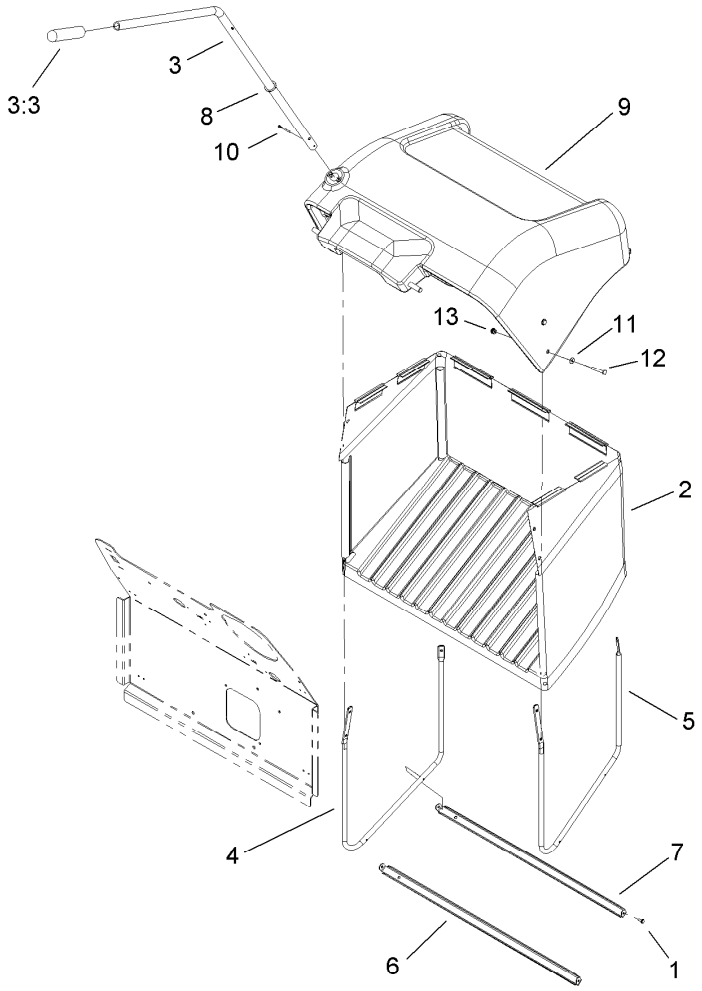
■ Not serviced separately



Styling Assembly

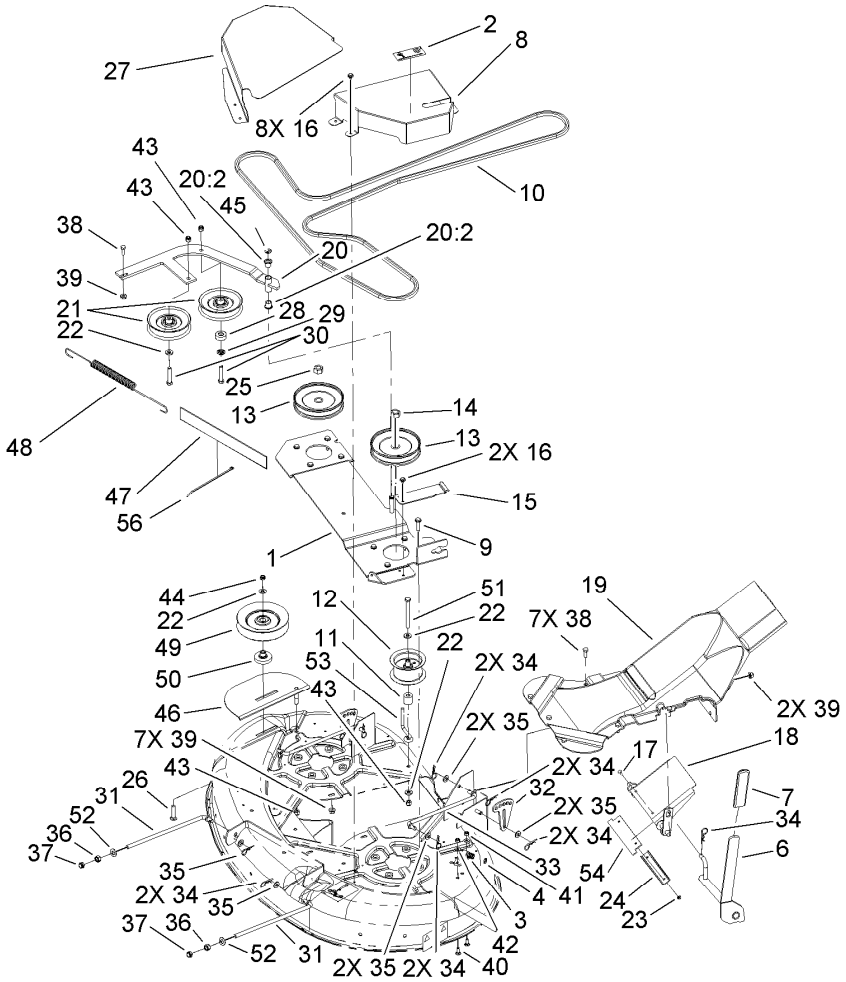
Ref.	Part Number	Qty.	Description
1	3296-42	6	Nut-Lock, NI
2	3229-7	2	Screw-CARR
3	106-2164-03	1	Bracket-Support, Front
4	110-6567	1	Decal-Danger
5	108-8765	1	Decal
6	105-6965	1	Footrest ASM
7	112-6702-03	1	Door-Plug Access
8	321-4	2	Screw-HH
9	106-6994-03	1	Brace ASM
10	108-2313-03	1	Channel-Cross
11	32144-44	4	Screw-HWH, Thread Roll
12	46-8090	4	Screw-Plastite
13	3256-22	4	Washer-Flat
14	107069	4	Clip
15	3258-166	4	Screw-PRH
16	106-2224	1	Decal-Control
17	106-2167-03	1	Panel-Control
18	88-3980	1	Gas Cap ASM
18:3	88-4010	1	Gasket-Cap, Gas
19	106-7042	1	Seal-Rubber
20	106-2161	1	Cover-Side, RH
21	108-8824	1	Cover-Side, LH
22	104-3626	1	Cable-Throttle
23	11-9030	2	Screw-Shoulder

Ref.	Part Number	Qty.	Description
24	105-6972-03	1	Weight-Bagger
25	323-12	2	Screw-HH
26	3256-24	5	Washer-Flat
27	3296-39	3	Nut-Lock, NI
28	110-3647	1	Cover-Engine
29	114-3606-03	1	Shield-Heat, Bag
30	105-6971	1	Decal
31	112-6696-03	1	Hinge-Offset
32	110-1016-03	1	Bracket-Hitch
33	3272-6	1	Pin-Cotter
34	3231-22	1	Screw-CARR
35	108-2305	1	Grommet
36	3274-39	2	Screw-HSBH
37	3296-29	4	Nut-Lock, NI
38	322-3	4	Screw-HH
39	110-3626	1	Tube-Discharge
40	3296-12	2	Nut-Lock, NI
41	107-9199	2	Plate
42	107-9198	1	Pin-Hood
43	114-3603	1	Tab-Switch
44	112-6719-03	1	Duct - Engine
45	32144-1	11	Screw-Taptite
46	112-6704	2	Clip - Retainer



Grass Bag Assembly

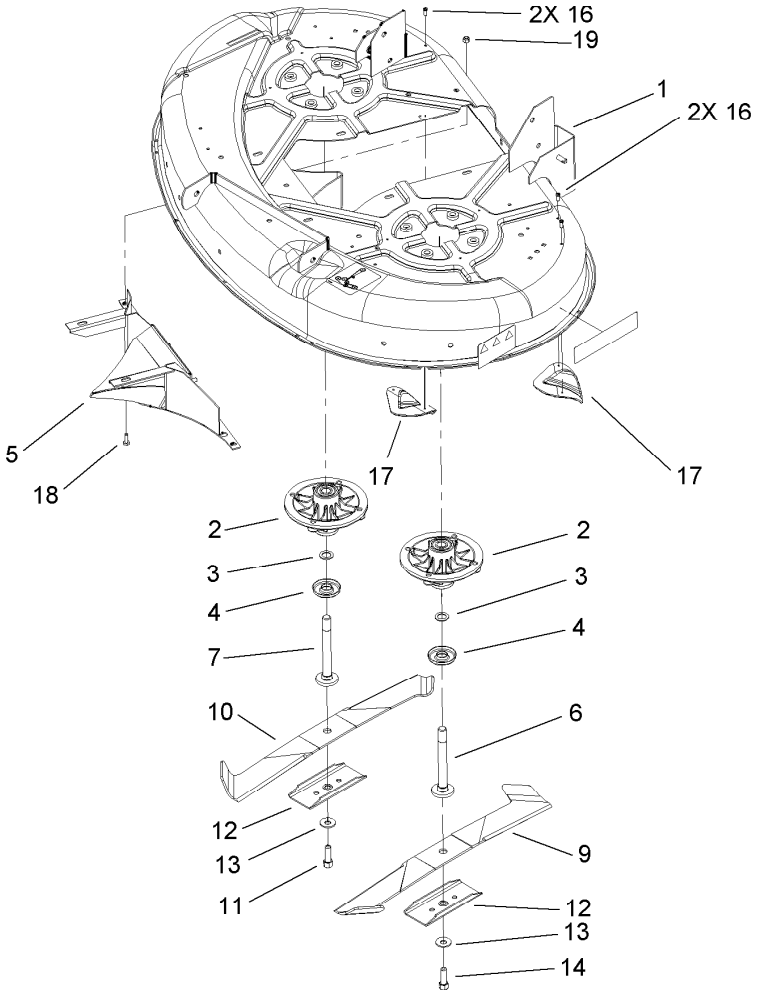
Ref.	*Part Number*	*Qty.*	*Description*
1	32144-1	4	Screw-Taptite
2	110-3604	1	Grass Bag ASM
3	114-3604	1	Lift Handle ASM
3:3	110-1037	1	Grip-Handle
4	110-3606-03	1	Frame-Bag, RH
5	110-3607-03	1	Frame-Bag, LH
6	110-1005-03	1	Support-Base Front
7	110-1006-03	1	Support-Base Rear
8	1-303352	1	Washer-Spindle
9	110-3605	1	Cover-Grass Catcher
10	3272-12	1	Pin-Cotter
11	3256-1	6	Washer-Flat
12	321-53	6	Screw-HH
13	3296-73	6	Nut-Lock, NI



42 Inch Top Deck Assembly

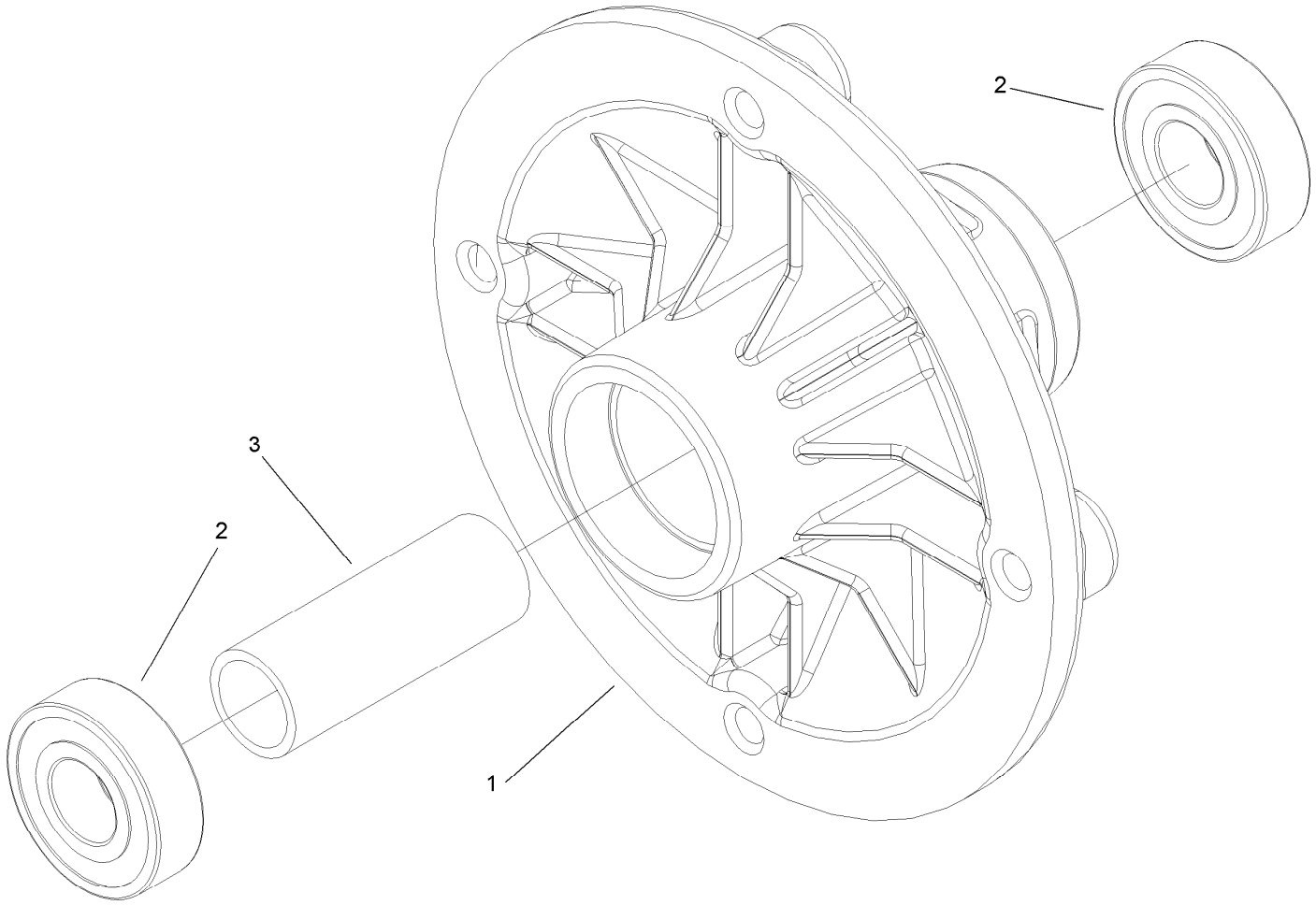
Ref.	Part Number	Qty.	Description
1	112-6737-03	1	Stiffener ASM
2	108-8769	1	Decal-Bag On Demand
3	95-2747	1	Fitting-Washout
4	46-6290	1	O-Ring
6	110-8811-03	1	Control Lever ASM
7	105-3450	1	Grip-Lever, Lift
8	112-3481-03	1	Cover-Belt, LH
9	32144-57	8	Screw
10	108-9459	1	Belt-Aa
11	61-2220	1	Spacer
12	107280	1	Pulley-Idler
13	88-5330	2	Pulley
14	3219-6	1	Nut-Hex
15	112-6675	1	Spring-Detent
16	46-8560	10	Screw-HHFTF
17	3229-34	2	Screw-CARR
18	112-3428-03	1	38 Inch Door ASM
19	108-8865	1	Adapter-Discharge
20	110-3681	1	Idler Arm W/Bushings ASM
20:2	256-219	2	Bushing
21	94-2447	2	Pulley-Idler
22	65-9130	4	Washer
23	3296-12	2	Nut-Lock, NI
24	110-8575	1	Plate-Seal, Door
25	3219-16	1	Nut-Hex
26	3231-5	1	Screw-CARR
27	112-3480-03	1	Cover-Belt, RH
28	108-8807	1	Slider

Ref.	Part Number	Qty.	Description
29	108-8808	1	Washer-Shoulder
30	323-10	2	Screw-HH
31	105-3437	2	Rod-Hanger
32	88-5570-03	2	Link-Adjusting, HOC
33	108-8834	2	Rod-Lift, Deck
34	9335054	11	Pin-Hair
35	3256-24	8	Washer-Flat
36	3219-4	2	Nut-Hex
37	3296-38	2	Nut-Lock, NI
38	322-4	8	Screw-HH
39	3296-58	10	Nut-Lock, NI
40	3229-1	2	Bolt-CARR
41	3296-42	2	Nut-Lock, NI
42	3256-1	2	Washer-Flat
43	3296-39	4	Nut-Lock, NI
44	3296-59	1	Nut-Lock, NI
45	32120-47	1	Ring-Retaining, External
46	110-3625-03	1	Idler Bracket ASM
47	74-3280	1	Guard-Splash
48	112-4763	1	Spring-Arm, Idler
49	1-633166	1	Pulley-Idler
50	108-8802	1	Idler Bushing And Spacer ASM
51	323-42	1	Screw-HH
52	3256-25	2	Washer-Flat
53	112-4787	1	Guide-Belt, Idler
54	114-3600	1	Seal-Door, Recycle
56	614249	1	Tie-Cable



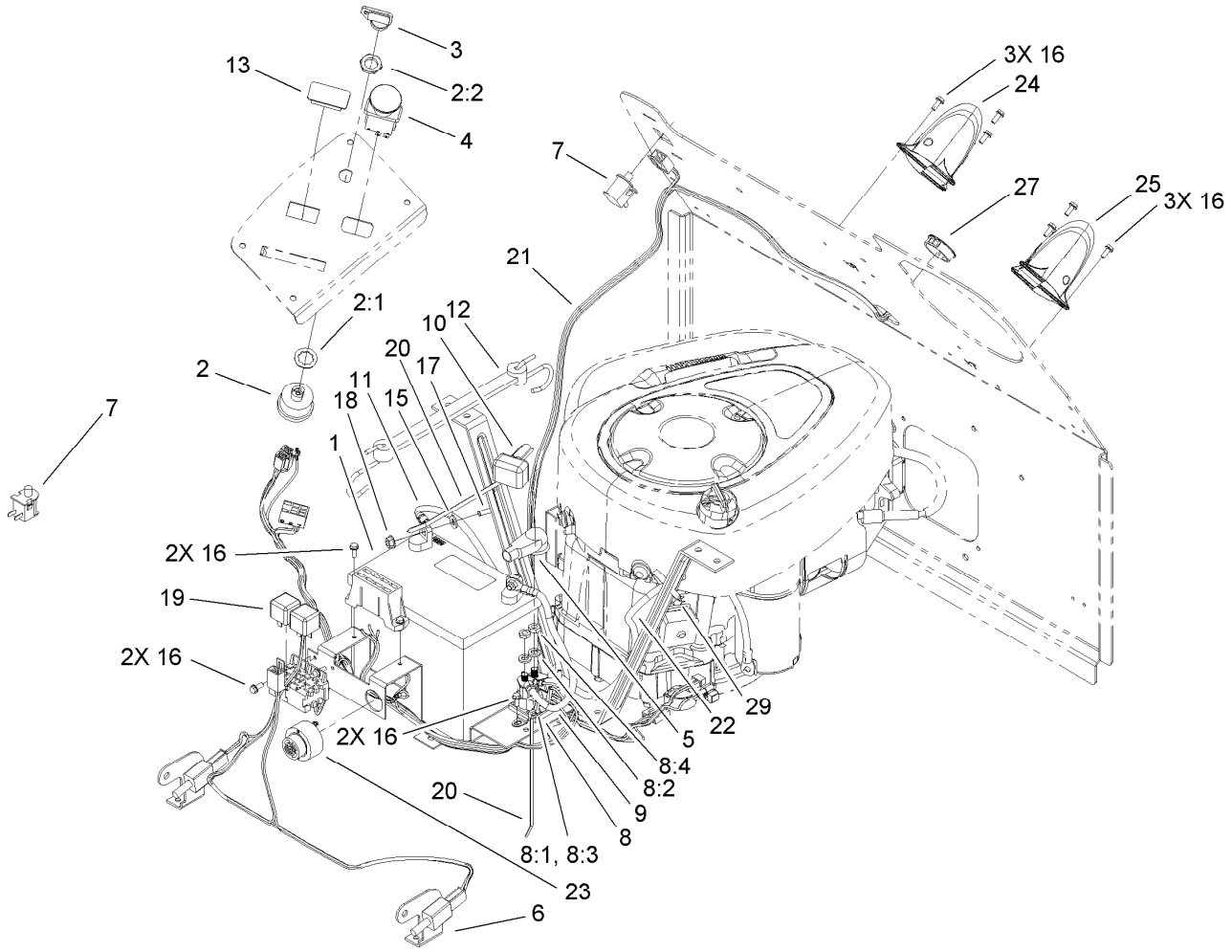
42 Inch Bottom Deck Assembly

Ref.	*Part Number*	*Qty.*	*Description*
1	110-8555	1	42 Inch Deck ASM
2	107-9161	2	Spindle ASM
3	80-4380	2	Spacer
4	80-4360	2	Shield-Bearing
5	112-4794-03	1	42 Inch Rear Baffle ASM
6	80-4341	1	Shaft-Spindle
7	108-8801	1	Shaft-Spindle
9	107-8959-03	1	Blade-LH, 21.60 Inch
10	107-8958-03	1	Blade-RH, 21.60 Inch
11	108-8823	1	Screw-HH
12	106-2248-03	2	Stiffener-Blade
13	3290-465	2	Washer-Belleville
14	26-0671	1	Screw-HH
16	32144-111	4	Screw-PPH
17	76-2160	2	Plate-Kicker
18	321-4	3	Screw-HH
19	3296-42	3	Nut-Lock, NI



Spindle Assembly No. 107-9161

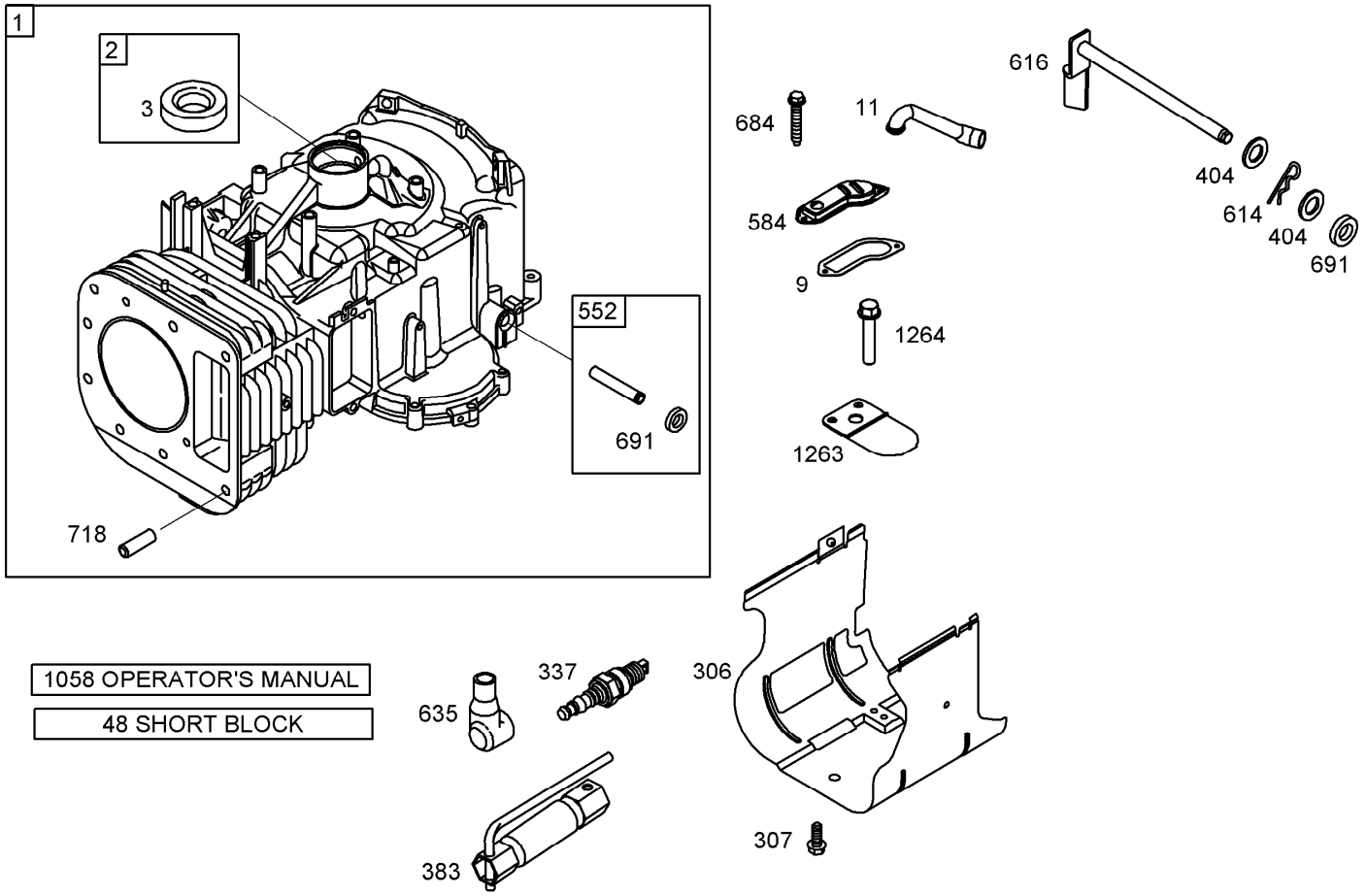
Ref.	*Part Number*	*Qty.*	*Description*
1	88-4510	1	Housing-Spindle
2	100-1048	2	Bearing-Ball
3	62-3661	1	Spacer



Electrical Assembly

Ref.	Part Number	Qty.	Description
1	104-2493	1	Battery
2	88-9830	1	Key Switch ASM
2:1	3254-5	1	Washer-Lock
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	2	Switch-Bail
8	1-513075	1	Switch-Solenoid
8:1	3253-17	2	Washer-Lock
8:2	3253-4	2	Washer-Lock
8:3	3219-14	2	Nut-Hex
8:4	3220-2	2	Nut-Jam
9	100-3540	1	Cable-Battery, Positive
10	93-3190	1	Boot-Insulator, Terminal

Ref.	Part Number	Qty.	Description
11	95-7654	1	Cable-Negative, Black
12	104-2466	1	Holddown-Battery
13	99-7420	1	Plug-Hole
15	3256-22	2	Washer-Flat
16	32144-1	12	Screw-Taptite
17	321-4	2	Screw-HH
18	32128-33	3	Nut-HF
19	98-7249	2	Relay
20	614249	2	Tie-Cable
21	108-8883	1	Harness-Direct Collect
22	92-6989	1	Wire-21 Inch
23	103-0205	1	Alarm-Tone, Dual
24	112-9890	1	Bag Sensor ASM
25	110-8018	1	Bag Sensor ASM
27	110-8589	1	Bushing-Harness, Wire
29	105-1853	1	Clamp-Hose



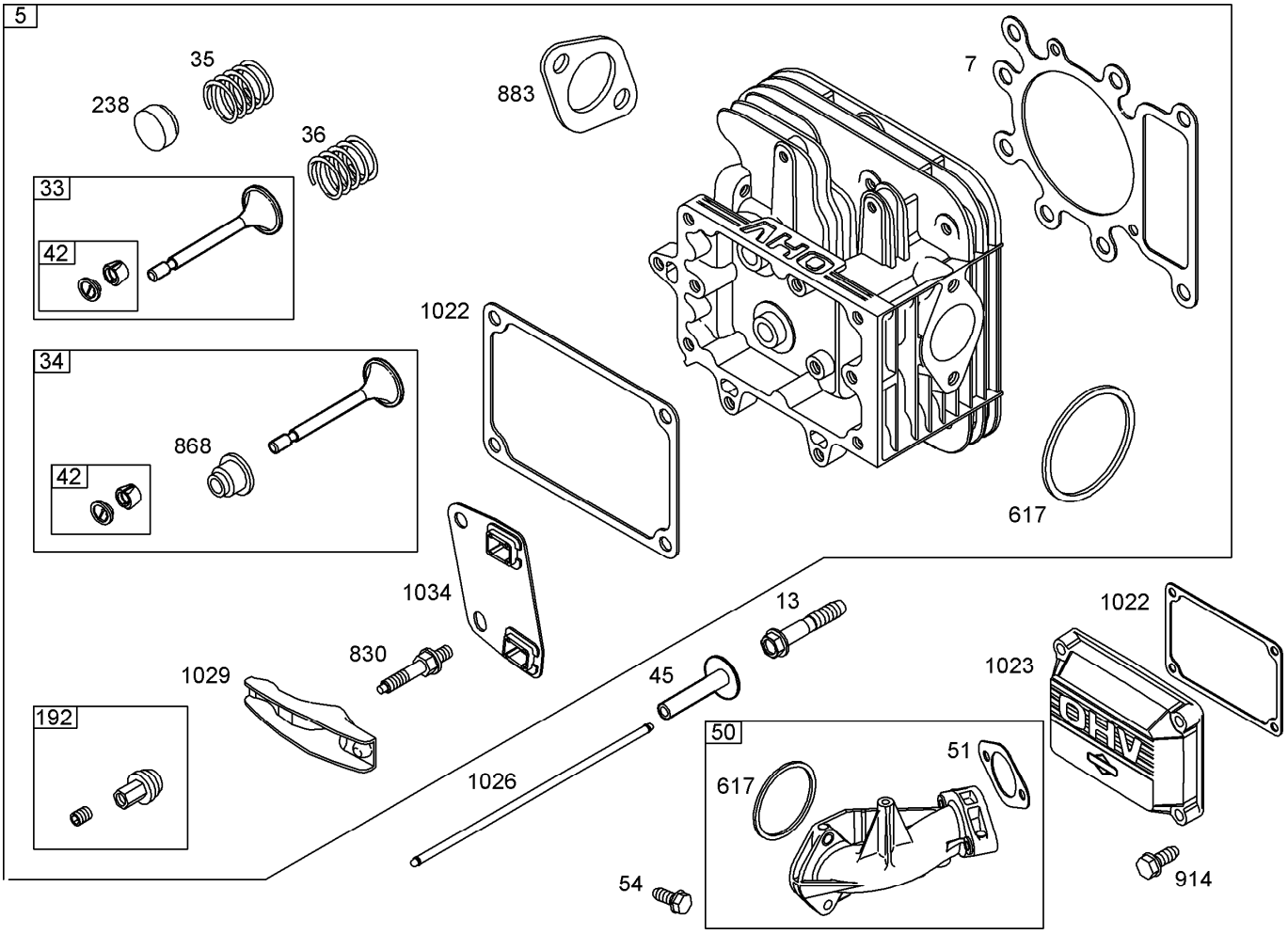
Assemblies include all parts shown in frames

Cylinder Assembly
Briggs and Stratton 31P777-0125-E1

Ref.	*Part Number*	*Qty.*	*Description*
1	697174	1	Cylinder ASM ●
2	399265	1	Bushing / Seal Kit (Magneto Side) ●
3	391086s	1	Seal-Oil (Magneto Side) ●■
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 (Cylinder Shield) ●
337	691043	1	Spark Plug ●
383	89838s	1	Wrench-Spark Plug ●
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 ●
1058	MS5935	1	Manual-Operator ●
1263	697124	1	Reed-Breather ●
1264	697104	1	Screw (Breather Reed) ●

● Obtain parts from www.briggsandstratton.com

■ Included in Engine Gasket Set (Ref. No. 358)

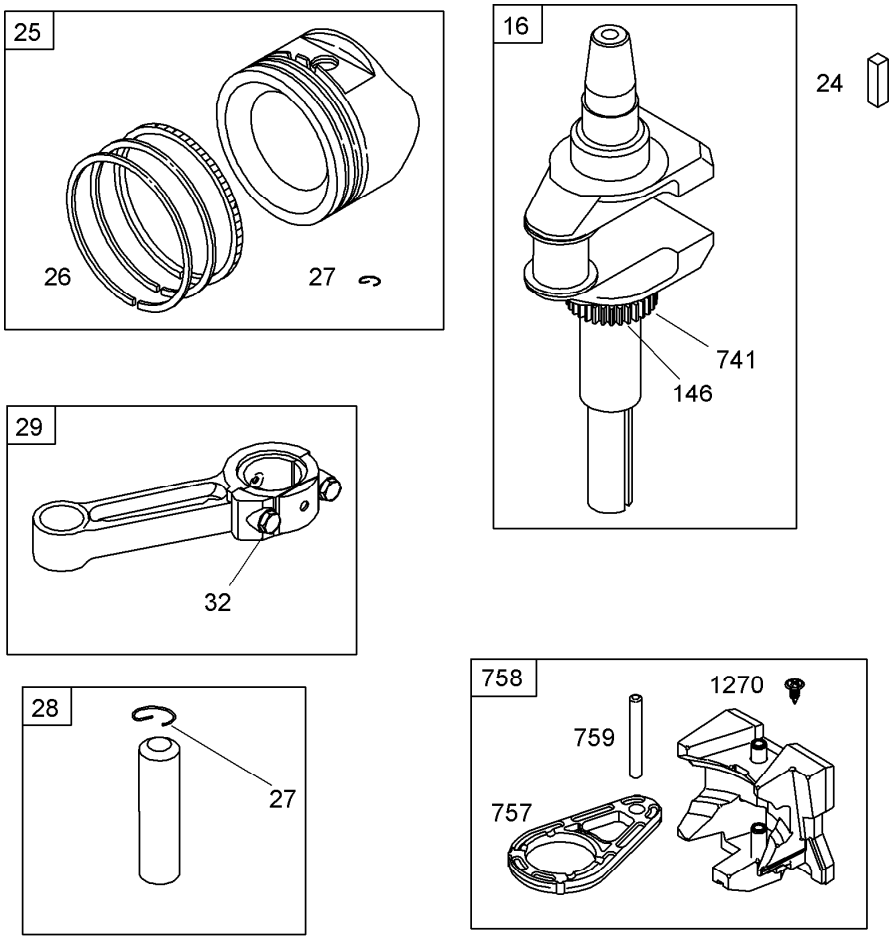


Cylinder Head Assembly
Briggs and Stratton 31P777-0125-E1

Ref.	Part Number	Qty.	Description
5	792360	1	Head-Cylinder ●
7	699168	1	Gasket-Head, Cylinder ●■
13	690360	1	Screw (Cylinder Head Gasket) ●
33	791934	1	Valve-Exhaust ●
34	791935	1	Valve-Intake ●
35	691279	1	Spring-Valve (Intake) ●
36	691279	1	Spring-Valve (Exhaust) ●
42	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 ●

Ref.	Part Number	Qty.	Description
238	691843	1	Cap-Valve ●
617	692138	1	Seal-O Ring (Intake Manifold) ●■❑
830	691095	1	Stud-Arm, Rocker ●
868	690968	1	Seal-Valve ●■▲
883	692236	1	Gasket-Exhaust ●
914	691108	1	Screw (Rocker Cover) ●
1022	272475s	1	Gasket-Cover, Rocker ●■▲
1023	791079	1	Cover-Rocker ●
1026	692003	1	Rod-Push (Intake) ●
1026	692011	1	Rod-Push (Exhaust) ●
1029	691751	1	Arm-Rocker ●
1034	690822	1	Guide-Rod, Push ●

● Obtain parts from www.briggsandstratton.com
▲ Included in Valve Gasket Set (Ref. No. 1095)
❑ Included in Carburetor Overhaul Kit (Ref. No. 121)
■ Included in Engine Gasket Set (Ref. No. 358)
◆ Included in Carburetor Gasket Set (Ref. No. 977)

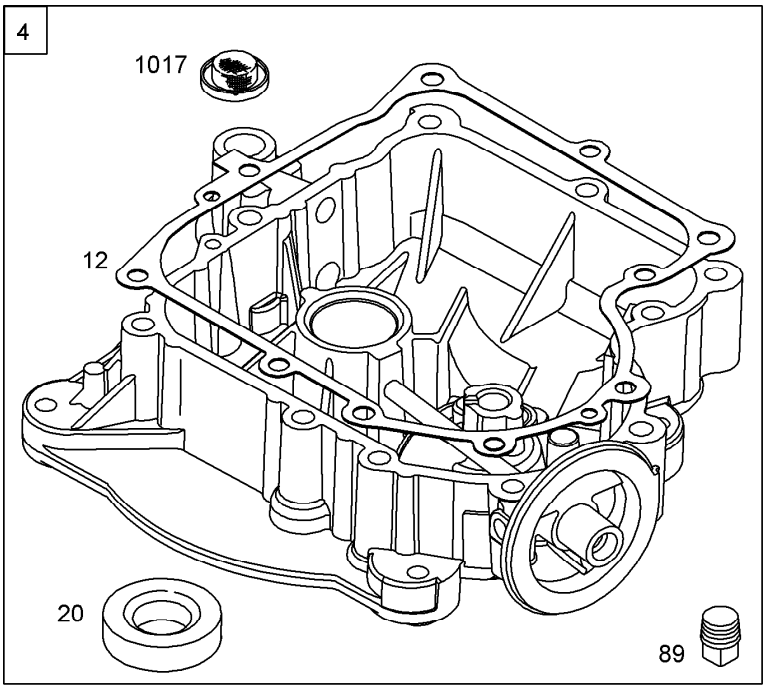


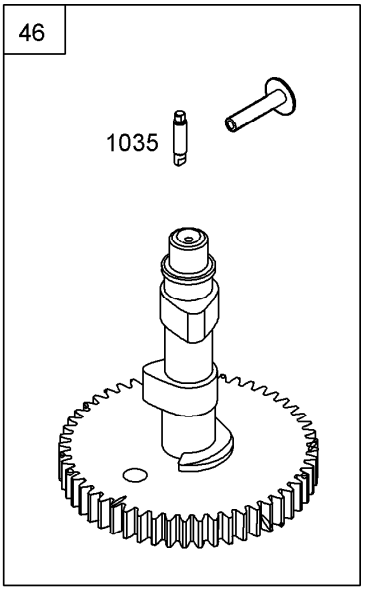
Assemblies include all parts shown in frames

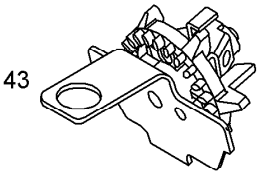
Crankshaft Assembly
Briggs and Stratton 31P777-0125-E1

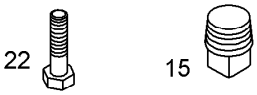
Ref.	*Part Number*	*Qty.*	*Description*
16	697127	1	Crankshaft ●
24	222698s	1	Key-Flywheel ●
25	792118	1	Piston ASM (Standard) ●
25	792648	1	Piston ASM (.020 Oversize) ●
26	791936	1	Ring Set (Standard) ●
26	791947	1	Ring Set (.020 Oversize) ●
27	698469	1	Lock-Pin, Piston ●
28	697099	1	Pin-Piston (Std) ●
29	791631	1	Ring Set (Std) ●
32	692852	1	Screw (Connecting Rod) ●
146	691639	1	Key-Timing ●
741	697128	1	Gear-Timing ●
757	697607	1	Link-Counterweight ●
758	697134	1	Counterweight ●
759	697392	1	Pin-Counterweight ●
1270	697156	1	Plug-Counterweight, Avs ●

● Obtain parts from www.briggsandstratton.com









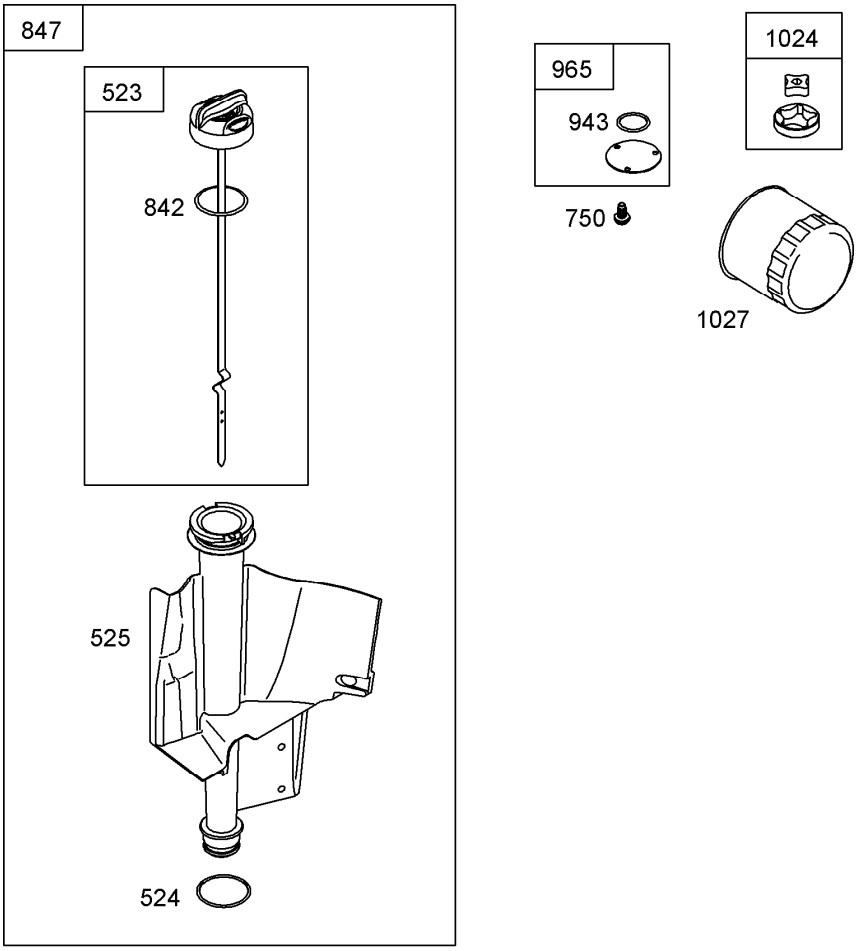
Assemblies include all parts shown in frames

Crankcase Assembly
Briggs and Stratton 31P777-0125-E1

Ref.	*Part Number*	*Qty.*	*Description*
4	697188	1	Sump-Engine ●
12	697110	1	Gasket-Crankcase ●■
15	690946	1	Plug-Drain, Oil ●
20	791892	1	Seal-Oil (PTO Side) ●■
22	692125	1	Screw (Engine Sump) ●
43	691968	1	Slinger-Governor, Oil ●
46	790400	1	Camshaft ●
89	690283	1	Plug-Oil ●
1017	690770	1	Screen-Pump, Oil ●
1035	693784	1	Shaft-Pump, Oil ●

● Obtain parts from www.briggsandstratton.com

■ Included in Engine Gasket Set (Ref. No. 358)



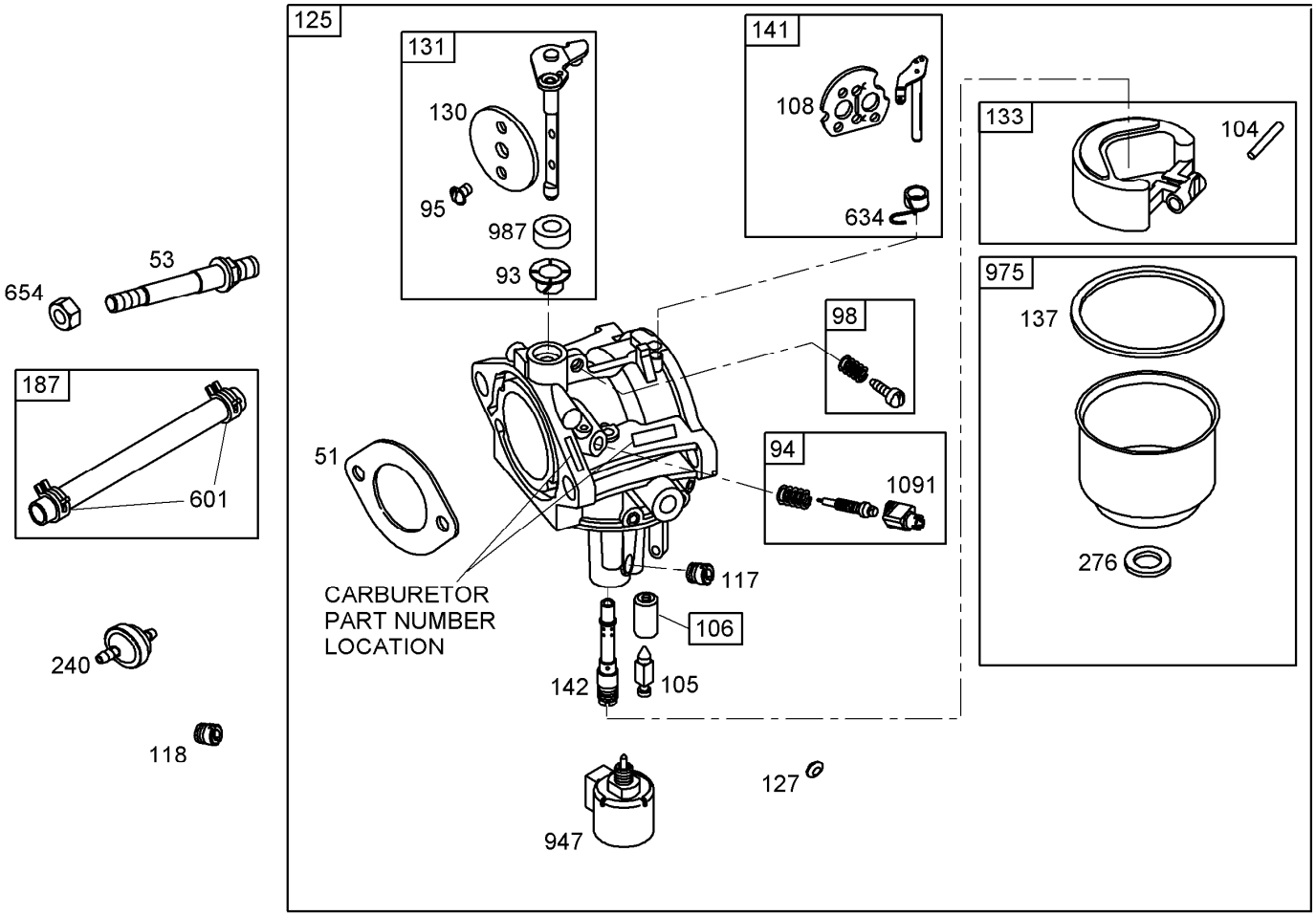
Assemblies include all parts shown in frames

Oil Filter, Tube and Pump Assembly Briggs and Stratton 31P777-0125-E1

Ref.	*Part Number*	*Qty.*	*Description*
523	699908	1	Dipstick ●
524	691032	1	Seal-O Ring (Dipstick Tube) ●■
525	697184	1	Tube-Dipstick ●
750	790832	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	492932s	1	Filter-Oil ●

● Obtain parts from www.briggsandstratton.com

■ Included in Engine Gasket Set (Ref. No. 358)



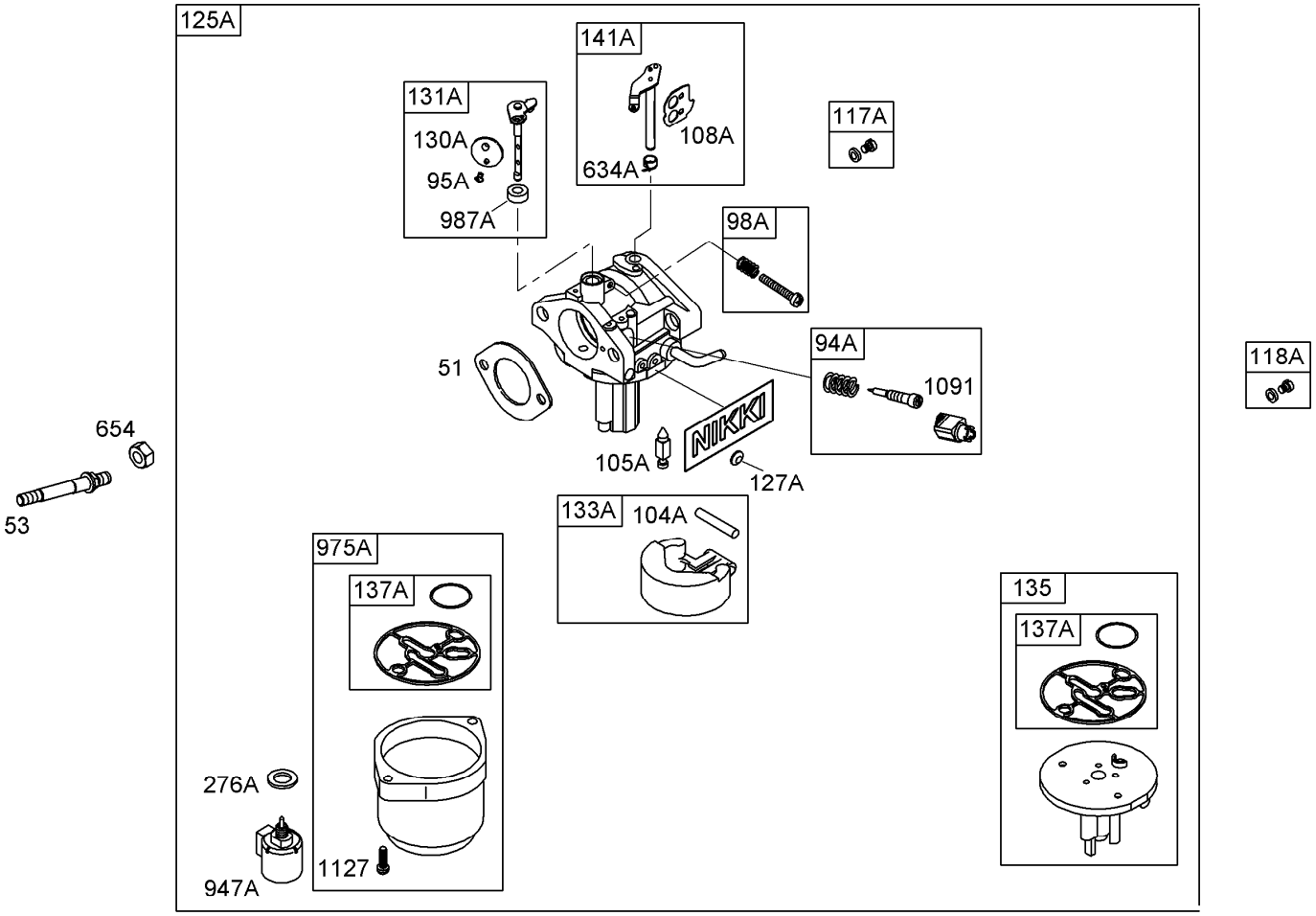
Assemblies include all parts shown in frames

Carburetor Assembly (Keihin)
Briggs and Stratton 31P777-0125-E1

Ref.	Part Number	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	231855s	1	Valve-Float, Needle ■❍●
106	690577	1	Seat-Inlet ■❍●
108	692344	1	Valve-Choke ■●
117	694352	1	Jet-Main (Std) ■●
118	697228	1	Jet-Main (High Altitude) ■●
125	791888	1	Carburetor ■●
127	695005	1	Plug-Welch ■●
130	691750	1	Valve-Throttle ■●

Ref.	Part Number	Qty.	Description
131	494379	1	Throttle Shaft Kit ■●
133	494381	1	Float-Carburetor ■●
137	281165s	1	Gasket-Bowl, Float ■❍❑●
141	495931	1	Choke Shaft Kit ■●
142	697140	1	Nozzle-Carburetor ■❍●
187	791805	1	Line-Fuel (Cut To Required Length) ■●
240	394358s	1	Filter-Fuel ■●
276	692255	1	Washer-Sealing ■❍❑●
601	791850	1	Clamp-Hose ■●
634	690802	1	Spring And Seal Asm ■❍●
654	690958	1	Nut (Carburetor) ■●
947	694393	1	Solenoid-Fuel ■●
975	495933	1	Bowl-Float ■●
987	691326	1	Seal-Shaft, Throttle ■❍●
1091	691333	1	Cap-Limiter ■●

● For Service with Keihin Carburetors
▲ Included in Engine Gasket Set (Ref. No. 358)
❑ Included in Carburetor Gasket Set (Ref. No. 977)
■ Obtain parts from www.briggsandstratton.com
◆ Included in Valve Gasket Set (Ref. No. 1095)
❍ Included in Carburetor Overhaul Kit (Ref. No. 121)



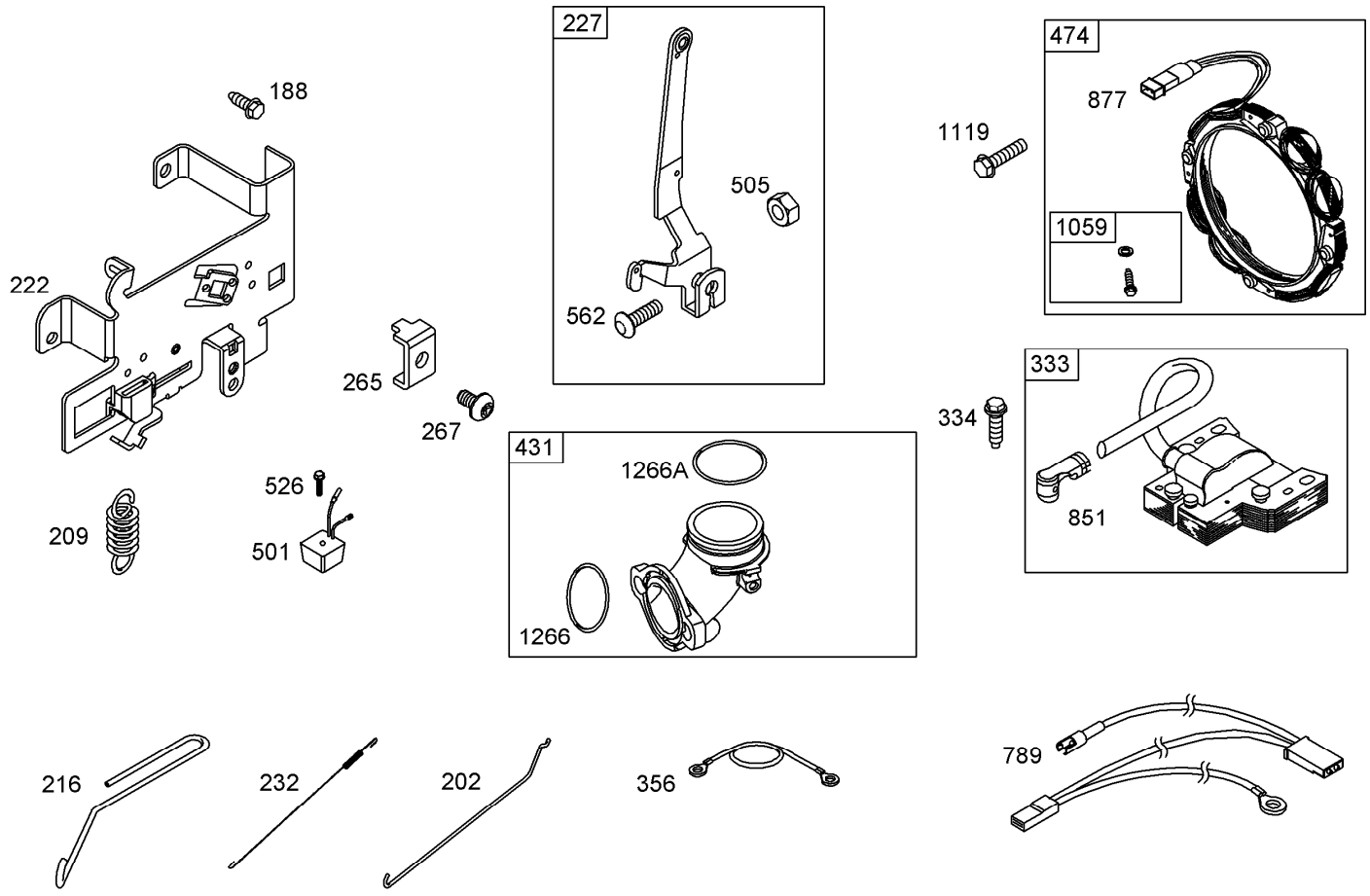
Assemblies include all parts shown in frames

Carburetor Assembly (Nikki)
Briggs and Stratton 31P777-0125-E1

Ref.	Part Number	Qty.	Description
51	692137	1	Gasket-Intake ▲❑◆❍●
53	690227	1	Stud ■●
94A	695425	1	Idle Mixture Kit ■●
95A	690718	1	Screw (Throttle Valve) ■●❍
98A	695408	1	Idle Speed Kit ■●
104A	694918	1	Pin-Hinge, Float ■●
105A	696136	1	Valve-Float, Needle ■●❍
108A	695419	1	Valve-Choke ■●
117A	699457	1	Jet-Main (Std) ■●❍
118A	699458	1	Jet-Main (High Altitude) ■●
125A		1	Carburetor (For Service See Reference 125) ■●
127A	690727	1	Plug-Welch ■●❍
130A	699500	1	Valve-Throttle ■●

Ref.	Part Number	Qty.	Description
131A	699501	1	Throttle Shaft Kit ■●
133A	694914	1	Carburetor Float ASM ■●
135	698780	1	Fuel Transfer Tube Asm ■●
137A	698781	1	Gasket-Bowl, Float ■●❍
141A	695420	1	Choke Shaft Kit ■●
276A	695410	1	Washer-Sealing ■●
634A	698779	1	Spring And Seal Asm ■●❍
654	690958	1	Nut ■●
947A	699915	1	Solenoid, Fuel ■●
975A	699502	1	Bowl-Float ■●
987A	698777	1	Seal-Shaft, Throttle ■●❍
1091	691333	1	Cap-Limiter ■●
1127	695407	1	Screw (Float Bowl) ■●

● For Service of Nikki Carburetors
▲ Included in Engine Gasket Set (Ref. No. 358)
❑ Included in Carburetor Gasket Set (Ref. No. 977)
❍ Included in Carburetor Overhaul Kit (Ref. No. 121A)
■ Obtain parts from www.briggsandstratton.com
◆ Included in Valve Gasket Set (Ref. No. 1095)



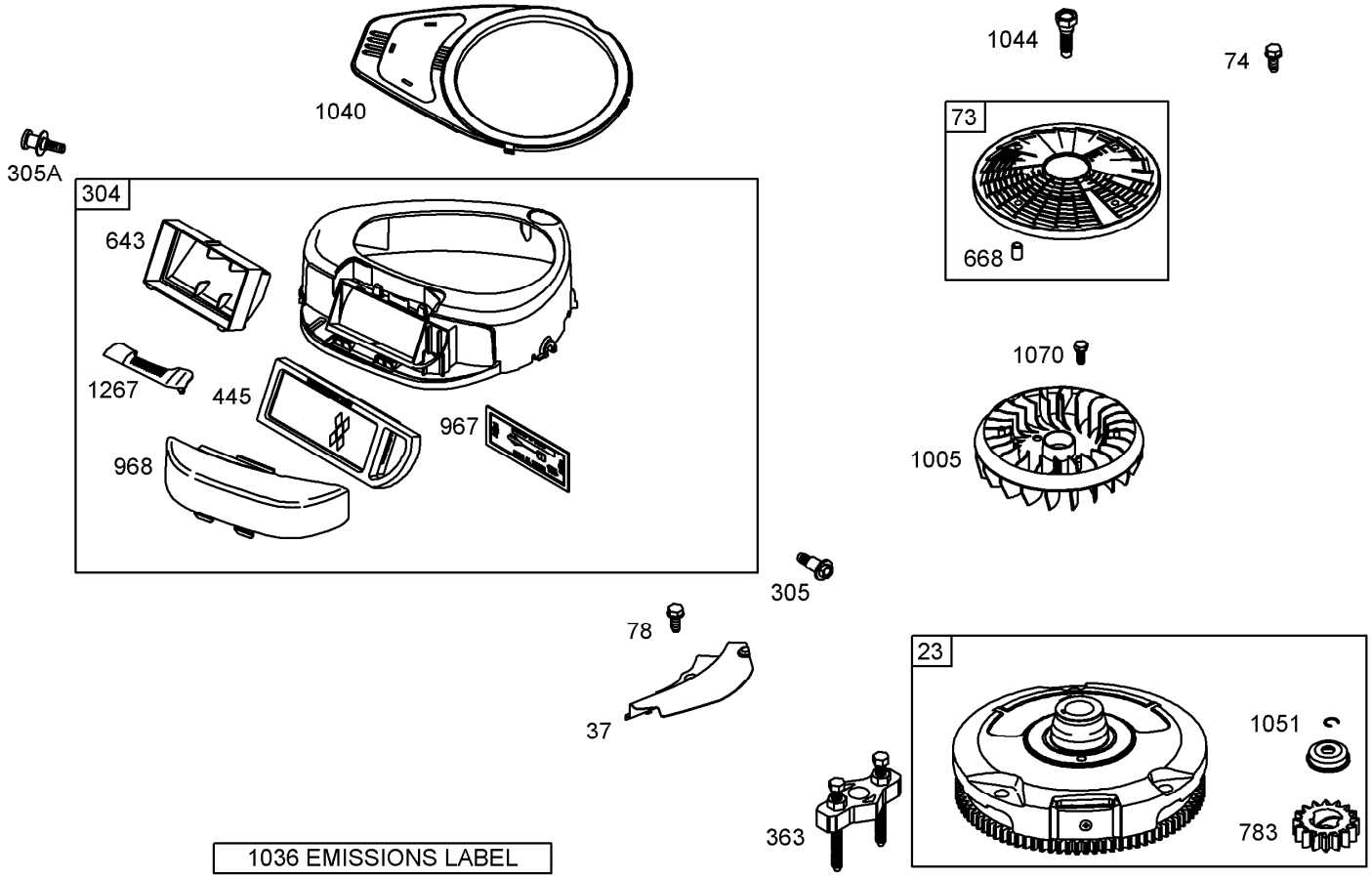
Assemblies include all parts shown in frames

Governor Assembly
Briggs and Stratton 31P777-0125-E1

Ref.	Part Number	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 (Armature) ●
474	696457	1	Alternator ●

Ref.	Part Number	Qty.	Description
501	691188	1	Regulator ●
505	691251	1	Nut (Governor Control Lever) ●
526	697088	1	Screw (Regulator) ●
562	691119	1	Bolt (Governor Control Lever) ●
789	692037	1	Wiring-Harness ● ●
851	493880s	1	Terminal-Spark Plug ●
877	393537	1	Connector-Wire, Tri Circuit ●
1059	698516	1	Screw And Washer Kit ●
1119	691183	1	Screw (Alternator) ●
1266	691917	1	Seal-O Ring (Intake Elbow) ● ■ ▲
1266A	697123	1	Seal-O Ring (Intake Elbow) ● ▲

● Obtain parts from www.briggsandstratton.com
▲ Included in Carburetor Overhaul Kit (Ref. No. 121)
■ Included in Engine Gasket Set (Ref. No. 358)

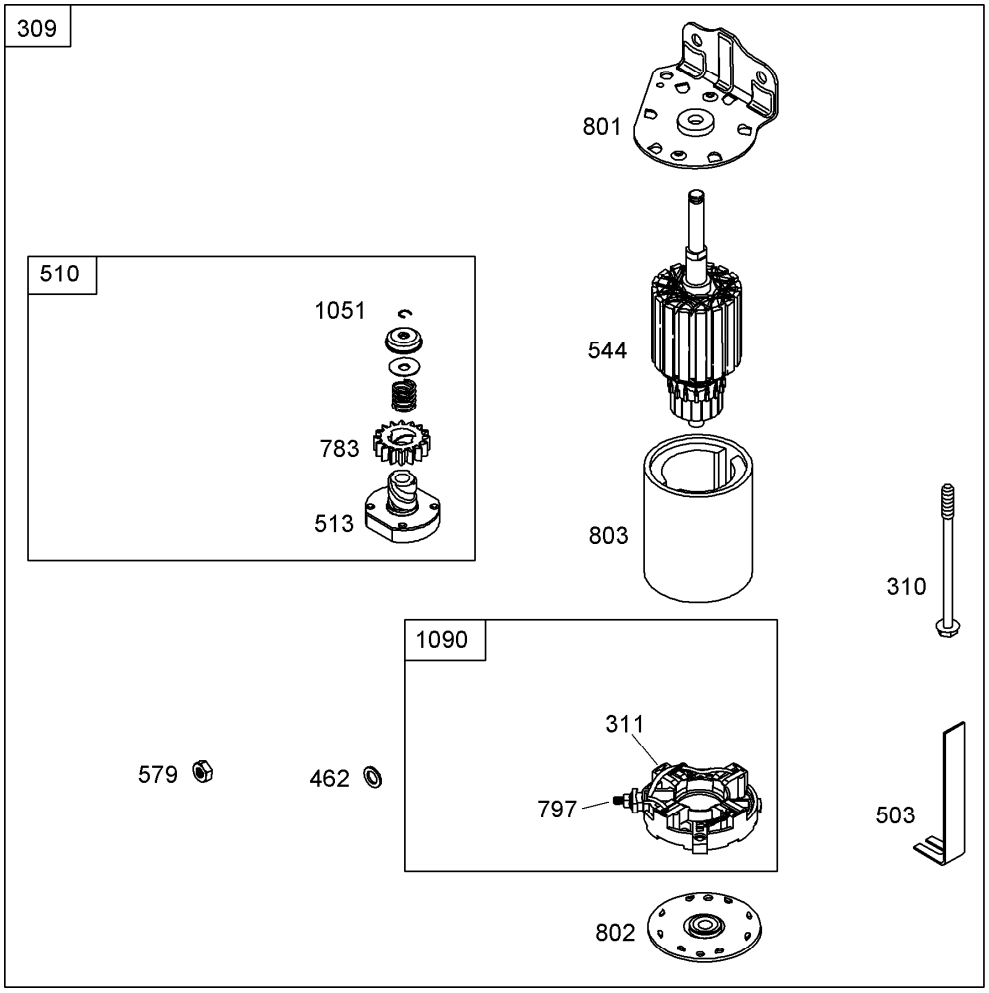


Assemblies include all parts shown in frames

Blower Housing Assembly
Briggs and Stratton 31P777-0125-E1

Ref.	*Part Number*	*Qty.*	*Description*
23	693556	1	Flywheel ●
37	697352	1	Guard-Flywheel ●
73	697133	1	Screen-Rotating ●
74	697897	1	Screw (Rotating Screen) ●
78	691003	1	Screw (Flywheel Guard) ●
304	699829	1	Housing-Blower ●
305	697102	1	Screw (Blower Housing) ●
305A	697103	1	Screw (Blower Housing) ●
363	19203	1	Puller-Flywheel ●
445	698083	1	Filter-Cartridge, Air Cleaner ●
643	698401	1	Retainer-Filter, Air ●
668	691500	1	Spacer ●
783	693713	1	Gear-Pinion ●
967	697015	1	Filter-Cleaner, Pre ●
968	699986	1	Cover-Air Cleaner ●
1005	699043	1	Fan-Flywheel ●
1036	792450	1	Label-Emissions ●
1040	699852	1	Plate-Trim ●
1044	698139	1	Screw (Crankshaft Extension) ●
1051	691265	1	Ring-Retaining ●
1070	690372	1	Screw (Flywheel Fan) ●
1267	697419	1	Latch-Housing, Blower ●

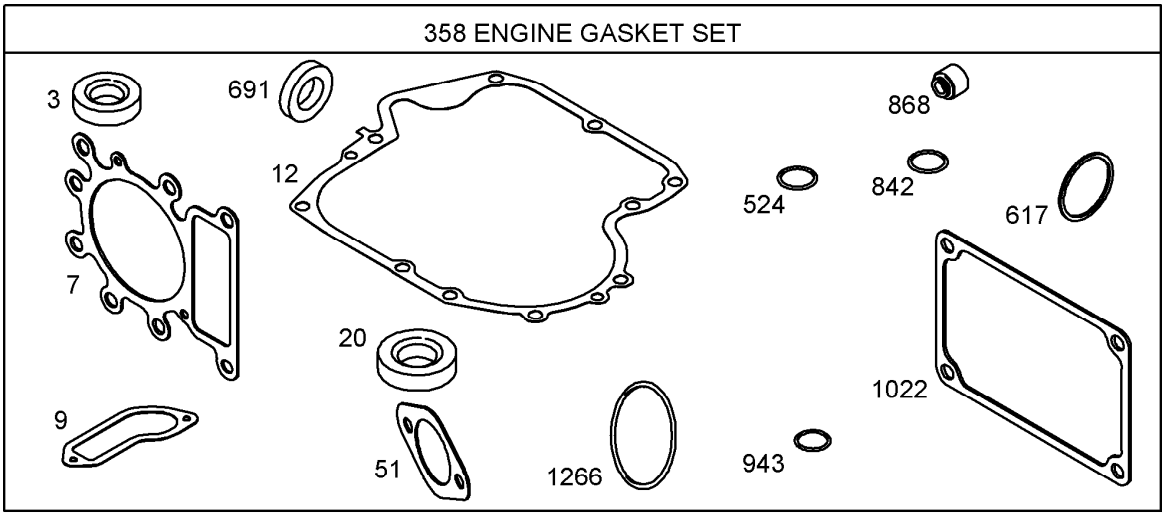
● Obtain parts from www.briggsandstratton.com

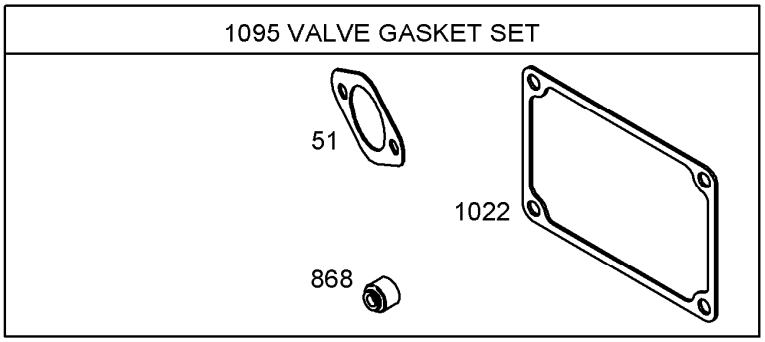


Starter Assembly
Briggs and Stratton 31P777-0125-E1

Ref.	*Part Number*	*Qty.*	*Description*
309	693551	1	Motor-Starter ●
310	690323	1	Bolt (Starter Motor) ●
311	497608	1	Brush Set ●
462	691261	1	Washer (Brush Retainer) ●
503	691532	1	Strap-Starter ●
510	693699	1	Drive-Starter ●
513	692024	1	Clutch-Drive ●
544	693551	1	Armature-Starter (For Service Order 693551) ●
579	691029	1	Nut (Brush Retainer) ●
697	690372	1	Screw (Drive Cap) ●
729	691224	1	Clip-Wire ●
783	693713	1	Gear-Pinion ●
797	693167	1	Nut (Brush Retainer) ●
801	691283	1	Cap-Drive ●
802	691286	1	Cap-End ●
803	693551	1	Housing-Starter (For Service Order 693551) ●
1051	691265	1	Ring-Retaining ●
1090	691293	1	Retainer-Brush ●

● Obtain parts from www.briggsandstratton.com



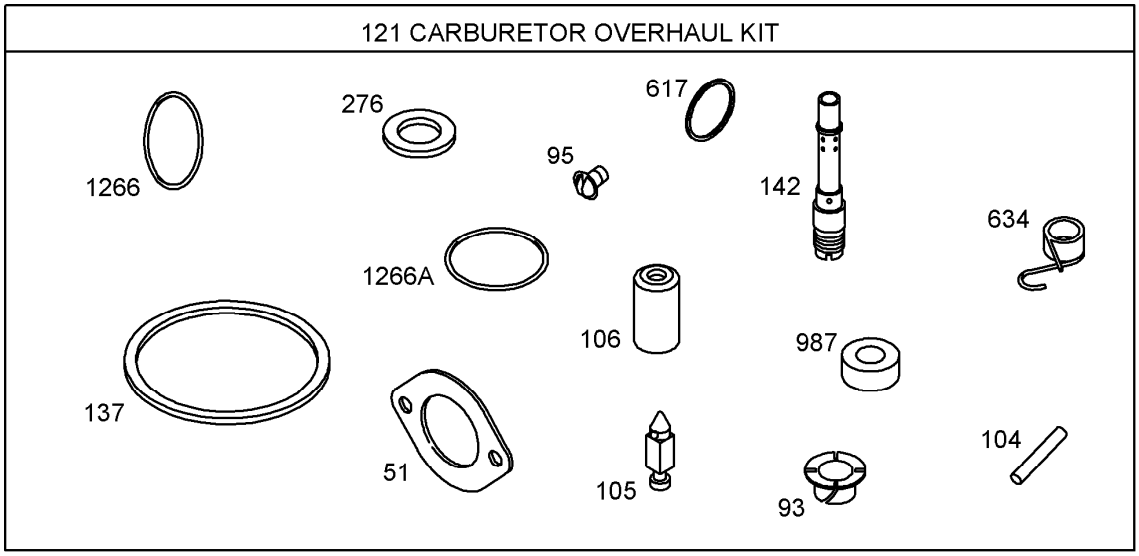


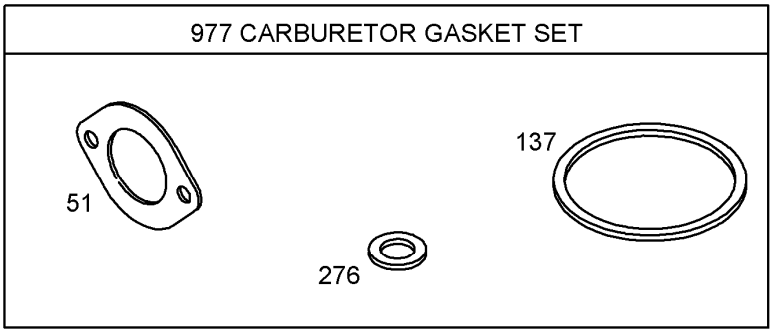
Assemblies include all parts shown in frames

Gasket Kit
Briggs and Stratton 31P777-0125-E1

Ref.	*Part Number*	*Qty.*	*Description*
3	391086s	1	Seal-Oil (Magneto Side) ■▲
7	699168	1	Gasket-Head, Cylinder ■▲
9	697109	1	Gasket-Breather ■▲
12	697110	1	Gasket-Crankcase ■▲
20	791892	1	Seal-Oil (PTO Side) ■▲
51	692137	1	Gasket-Intake ▲❑◆❍
358	792621	1	Gasket Set-Engine ■
524	691032	1	Seal-Dipstick Tube ■▲
617	692138	1	Seal-O Ring (Intake Manifold) ■▲❍
691	692407	1	Seal-Shaft, Governor ■▲
842	691031	1	Seal-O Ring ■▲
868	690968	1	Seal-Valve ■▲◆
943	690589	1	Seal-O Ring ■▲
1022	272475s	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) ■●❍

● Not illustrated
▲ Included in Engine Gasket Set (Ref. No. 358)
❑ Included in Carburetor Gasket Set (Ref. No. 977)
■ Obtain parts from www.briggsandstratton.com
◆ Included in Valve Gasket Set (Ref. No. 1095)
❍ Included in Carburetor Overhaul Kit (Ref. No. 121)





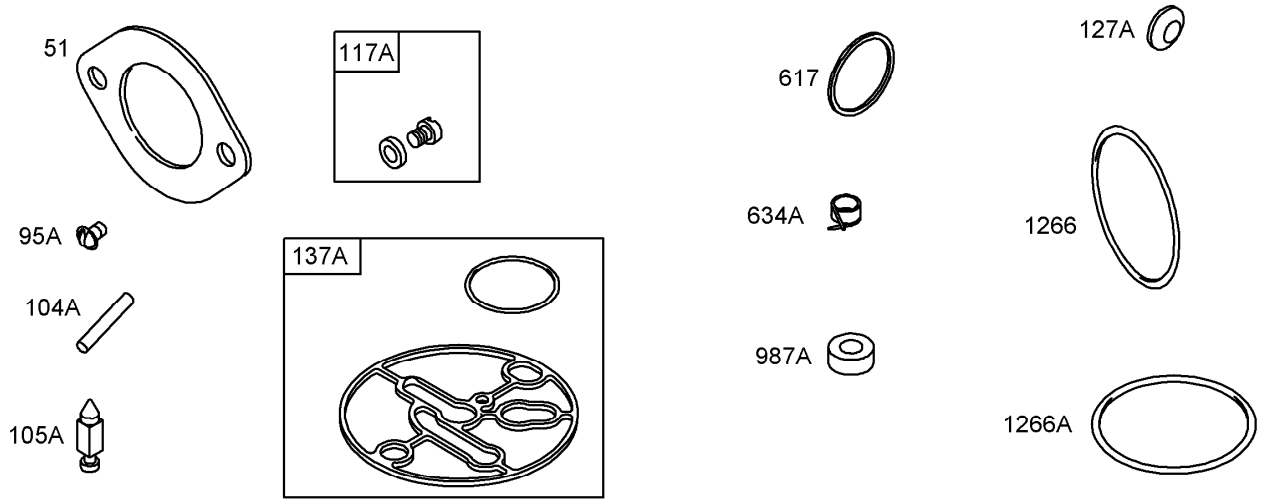
Assemblies include all parts shown in frames

Carburetor Overhaul Kit (Keihin)
Briggs and Stratton 31P777-0125-E1

Ref.	*Part Number*	*Qty.*	*Description*
51	692137	1	Gasket-Intake ▲❑◆❍●
93	690602	1	Bushing-Shaft, Throttle ■❍●
95	691636	1	Screw (Throttle Valve) ■❍●
104	690525	1	Pin-Hinge, Carburetor Float ■❍●
105	231855s	1	Valve-Float, Needle ■❍●
106	690577	1	Seat-Inlet ■❍●
121	697241	1	Carburetor Overhaul Kit ■●
137	281165s	1	Gasket-Bowl, Float ■❍❑●
142	697140	1	Nozzle-Carburetor ■❍●
276	692255	1	Washer-Sealing ■❍❑●
617	692138	1	Seal-O Ring (Intake Manifold) ■▲❍●
634	690802	1	Spring And Seal Asm ■❍●
977	690192	1	Carburetor Gasket Set ■●
987	691326	1	Seal-Shaft, Throttle ■❍●
1266	691917	1	Seal-O Ring (Intake Elbow) ■▲❍●
1266A	697123	1	Seal-O Ring (Intake Elbow) ■❍●

● For Service with Keihin Carburetors
▲ Included in Engine Gasket Set (Ref. No. 358)
❑ Included in Carburetor Gasket Set (Ref. No. 977)
■ Obtain parts from www.briggsandstratton.com
◆ Included in Valve Gasket Set (Ref. No. 1095)
❍ Included in Carburetor Overhaul Kit (Ref. No. 121)

121A CARBURETOR OVERHAUL KIT



Assemblies include all parts shown in frames

Carburetor Overhaul Kit (Nikki)
Briggs and Stratton 31P777-0125-E1

Ref.	*Part Number*	*Qty.*	*Description*
51	692137	1	Gasket-Intake ▲❑◆❍●
95A	690718	1	Screw ■❍●
104A	694914	1	Carburetor Float ASM ■❍●
105A	696136	1	Valve-Float, Needle ■❍●
117A	699457	1	Jet-Main (Std) ■❍●
121A	699521	1	Carburetor Overhaul Kit ■●
127A	690727	1	Plug-Welch ■❍●
137A	698781	1	Gasket-Bowl, Float ■❑❍●
617	692138	1	Seal-O Ring (Intake Manifold) ■▲❍●
634A	698779	1	Spring And Seal Asm ■❍●
987A	698777	1	Seal-Shaft, Throttle ■❍●
1266	691917	1	Seal-O Ring (Intake Elbow) ■▲❍●
1266A	697123	1	Seal-O Ring (Intake Elbow) ■❍●

● For Service of Nikki Carburetors
▲ Included in Engine Gasket Set (Ref. No. 358)
❑ Included in Carburetor Gasket Set (Ref. No. 977)
❍ Included in Carburetor Overhaul Kit (Ref. No. 121A)
■ Obtain parts from www.briggsandstratton.com
◆ Included in Valve Gasket Set (Ref. No. 1095)

Attachments and Accessories

For 74433 TimeCutter ZD420 Riding Mower

Product Name	Model/Part
Rear Deflector Kit	74435
48 Inch Snow Blade CE Completion Kit	74436

Notes:

Notes:

Notes:



Count on it.