Form Number 3328-610

17-44HXL Lawn Tractor

Model No. 71228 - 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.

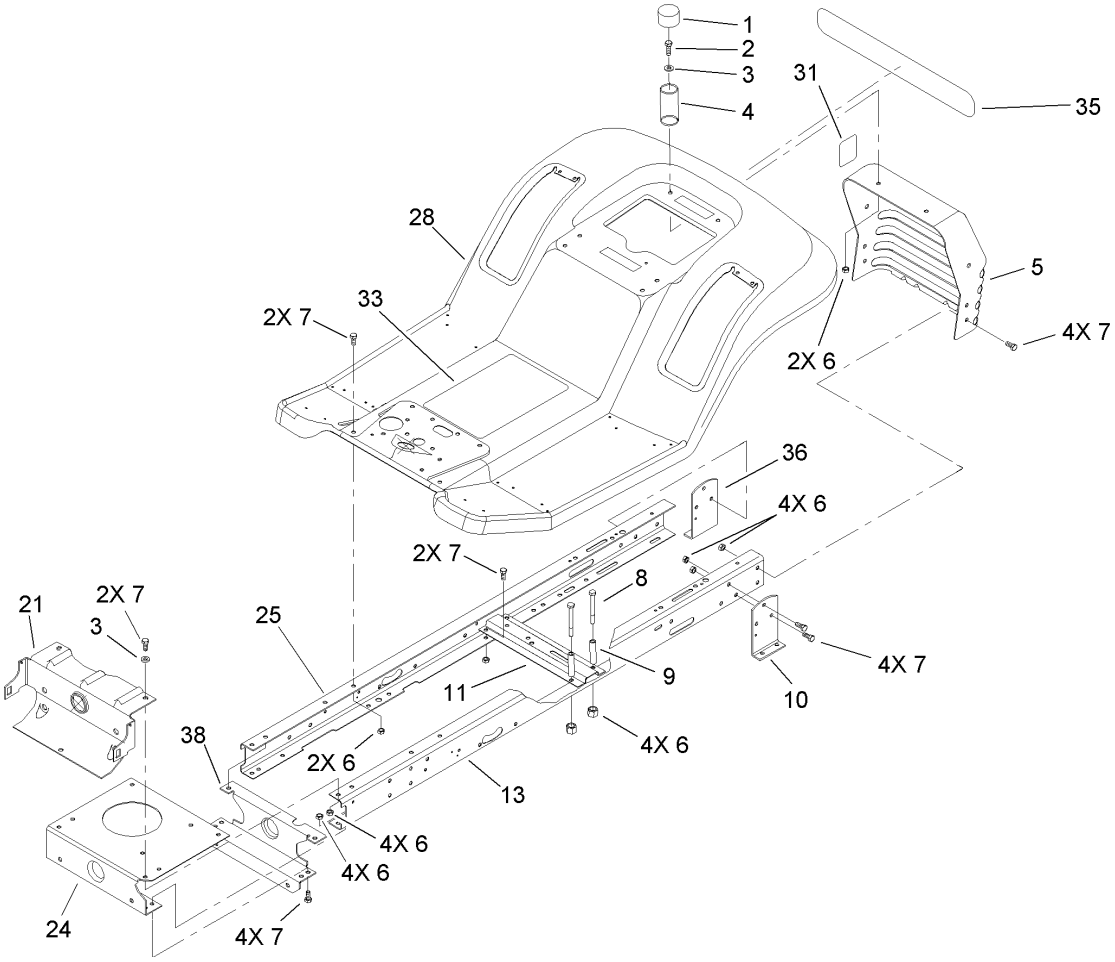
AR. . . . . as required
ASM. . . . . assembly
CARR. . . . . carriage
DEG. . . . . degrees
FH. . . . . flat head
GA. . . . . gauge
HF. . . . . hex flange
HH. . . . . hex head
HHF. . . . . hex head flange
HHFTF. . . . . hex head flange thread forming
HJ. . . . . hex jam
HLH. . . . . hex lag head
HOC. . . . . height-of-cut
HS. . . . . hex
HSBH. . . . . hex socket button head
HSFH. . . . . hex socket flat head
HSH. . . . . hex socket head
HWH. . . . . hex washer head
HWHTF. . . . . hex washer head thread forming
HYD. . . . . hydraulic
INC. . . . . incorporated
LH. . . . . left hand
NI. . . . . nylon insert
PPH. . . . . phillips pan head
PTH. . . . . phillips truss head
PTO. . . . . power take off
RH. . . . . right hand
SFH. . . . . slotted fillister head
SHH. . . . . slotted hex head
SHWH. . . . . slotted hex washer head
SPH. . . . . slotted pan head
SQH. . . . . square head
SRH. . . . . slotted round head
STD. . . . . standard
TAP. . . . . self tapping
TTH. . . . . torx truss head
WH. . . . . wing 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.

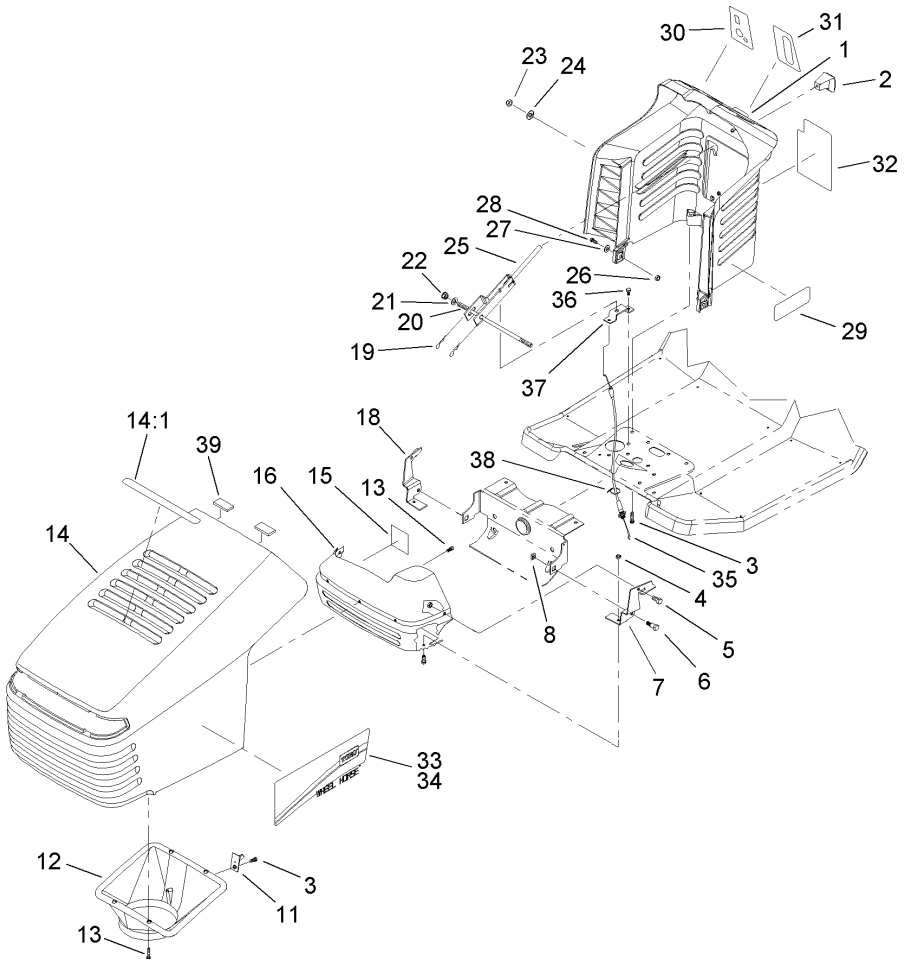
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Carburetor Overhaul Kit Assembly Briggs and Stratton 31F777-0123-E1	32
Crankshaft Assembly Briggs and Stratton 31F777-0123-E1	33



Frame and Body Assembly

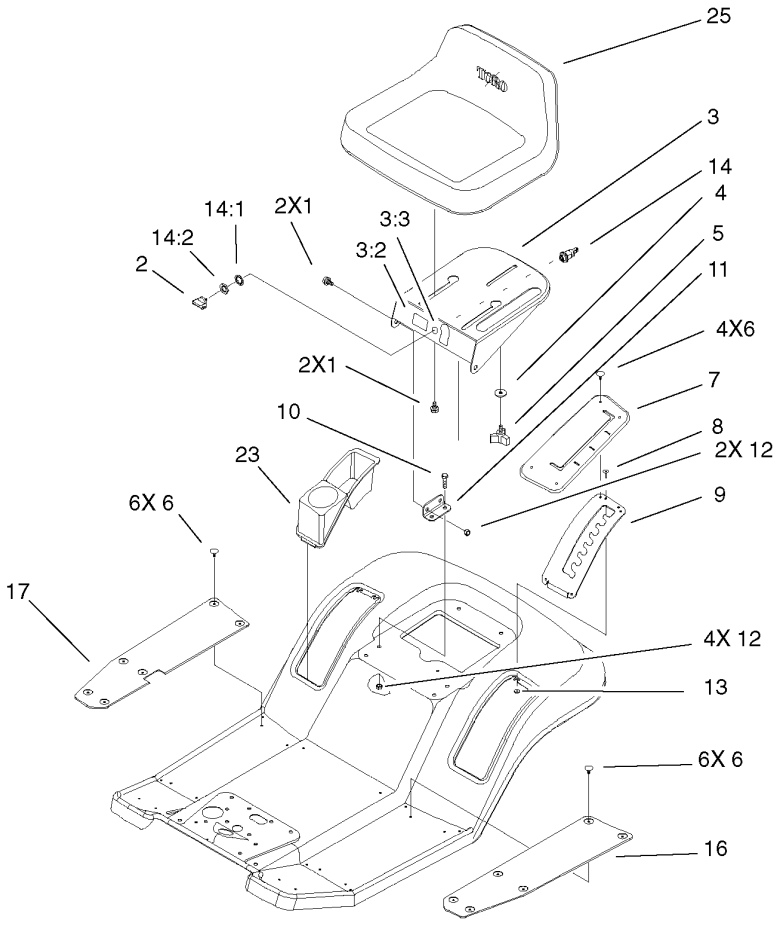
Ref	Part No.	Qty.	Description
1	701178	2	Cap-Protector
2	322-5	2	Screw-HH
3	3256-23	4	Washer-Flat
4	88-6220	2	Spring-Compression
5	99-2957-03	1	Panel-Rear, Hitch
6	3296-29	24	Nut-Lock, NI
7	322-3	20	Screw-HH
8	322-13	2	Screw-HH
9	88-5470	2	Spacer-Axle, Front
10	93-3857-03	1	Bracket-Mounting, LH Transaxle
11	88-4620-03	1	Bracket-Idler, Pivot
13	99-2958-03	1	Rail-Frame, LH
21	98-3576-03	1	Support-Axle, Front
24	88-4630-03	1	Plate-Engine, Mounting
25	99-2959-03	1	Rail-Frame, RH
28	99-2971	1	Rear Body ASM
31	100-7449	1	Decal-Dump, Valve
33	99-6095	1	Decal-Instruction, Hydro
35	105-2498	1	Decal-Rear
36	93-3856-03	1	Bracket-Mounting, RH Transaxle
38	93-3831-03	1	Support-Rear



Hood and Tower Assembly

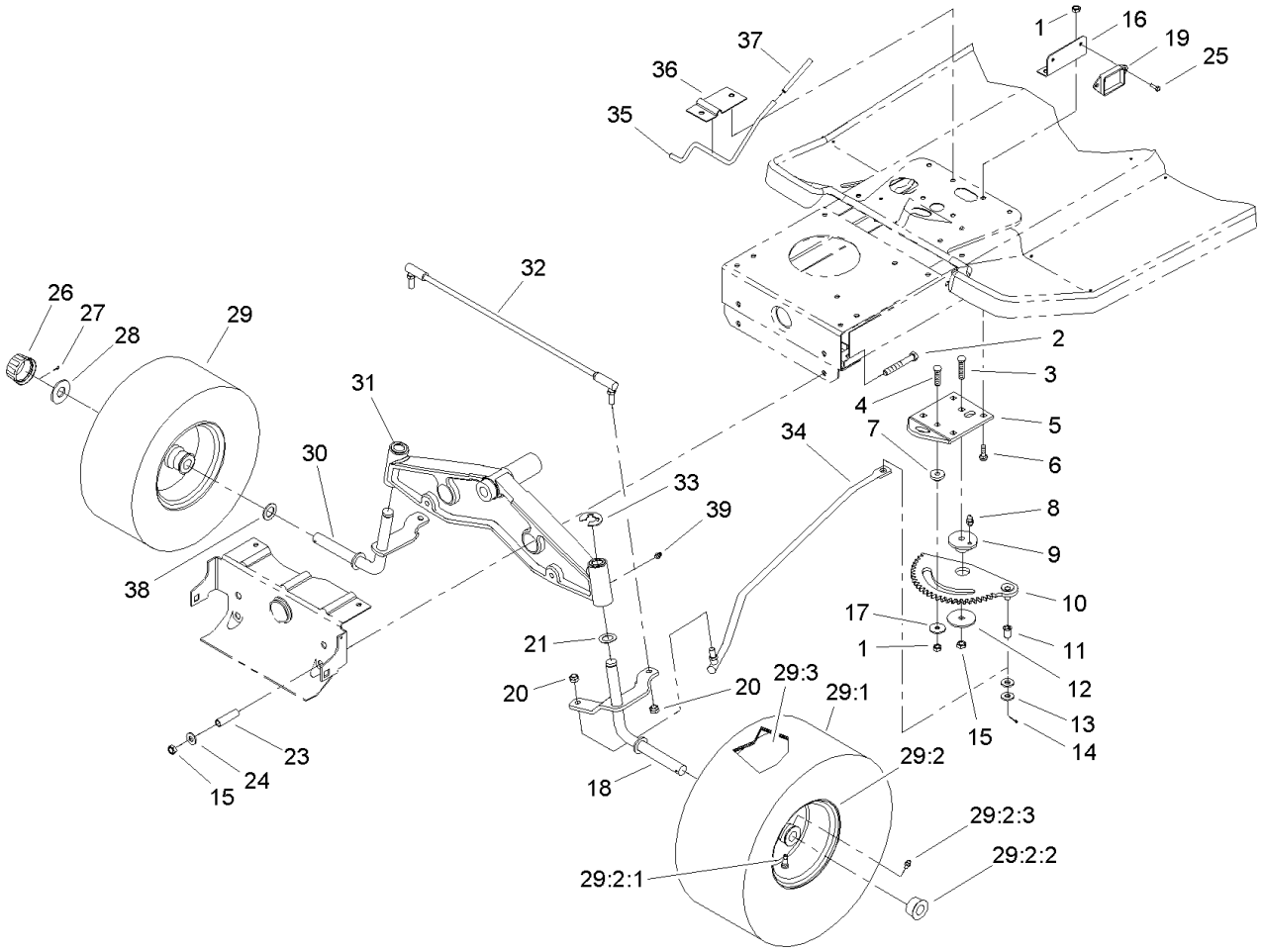
Ref	Part No.	Qty.	Description
1	99-1947	1	Tower-Steering
2	94-5565	1	Knob-Shift
3	46-8091	3	Screw-HWH
4	3296-42	4	Nut-Lock, NI
5	321-2	4	Screw-HH
6	28-0540	2	Bolt-Shoulder
7	88-6050-03	1	Bracket-Hinge, LH
8	3290-496	2	Nut-Retainer
11	94-1984	1	Latch-Pin
12	93-3891	1	Duct-Air, Hood
13	46-8090	7	Screw-Plastite
14	92-8650	1	Hood ASM
14:1	92-5748	1	Decal-Duct, Air
15	92-5782	3	Tape-Foil
16	93-3864-03	1	Shield-Heat
18	88-6040-03	1	Bracket-Hinge, RH
19	3290-307	2	Pin-Hair
20	100-7401	1	Rod-Tower, Pivot
21	3256-24	2	Washer-Flat
22	3218-3	2	Nut-Jam
23	100-7402	2	Nut-Cap
24	100-7403	2	Washer-Flat
25	88-5190-03	1	Lever-Deck, Engage
26	3296-29	2	Nut-Lock, NI

Ref	Part No.	Qty.	Description
27	3256-23	2	Washer-Flat
28	322-3	2	Screw-HH
29	106-6402	2	Decal-Tower
30	99-8139	1	Decal-Ignition/lights
31	92-2461	1	Decal-Throttle
32	92-2462	1	Decal-Deck, Engage
33	105-2497	1	Decal-Hood, LH
34	105-2496	1	Decal-Hood, RH
35	99-6838	1	Deck Cable ASM
36	9266714	2	Screw-HWH
37	93-3849	1	Bracket-Cable, Upper
38	614249	1	Strap-Tie
39	94-1980	2	Foam-Hood



Rear Body and Seat Assembly

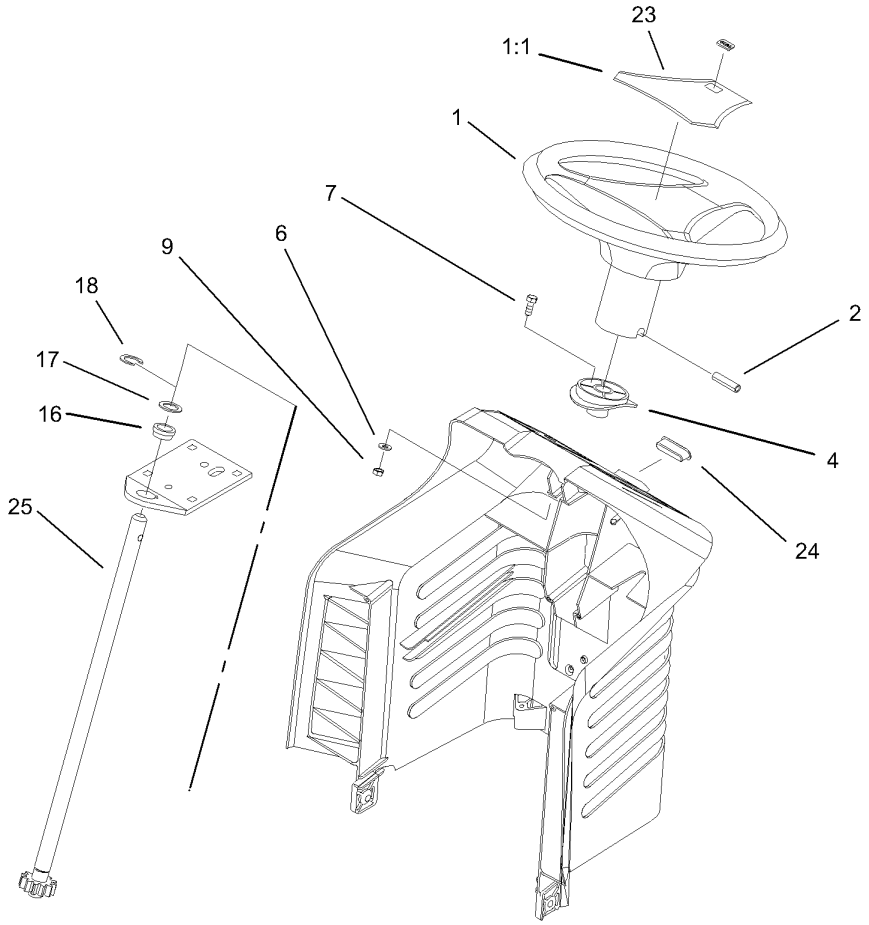
Ref	Part No.	Qty.	Description
1	37-8770	4	Bolt-Shoulder
2	63-8360	1	Key-Ignition
3	99-5830	1	Seat Support ASM
3:2	99-2985	1	Danger-Decal
3:3	99-5339	1	Decal
4	5-4460	1	Washer-Pivot
5	92-9674	1	Knob
6	3290-479	16	Fastener-Panel
7	88-5170	1	Cover-HOC
8	3290-282	2	Rivet-Pop
9	88-5030-03	1	Gate-HOC
10	322-3	4	Screw-HH
11	88-4820-03	2	Bracket-Hinge, Seat
12	3296-29	6	Nut-Lock, NI
13	3269-26	2	Washer-Flat
14	46-5780	1	Switch-Starter
14:1	3254-5	1	Washer-Tooth
14:2	218-461	1	Nut-HH
16	88-5240	1	Mat-Foot, LH
17	88-5230	1	Mat-Foot, RH
23	88-4990	1	Tray-Fender
25	92-6511	1	Seat-V-511



Steering Component Assembly

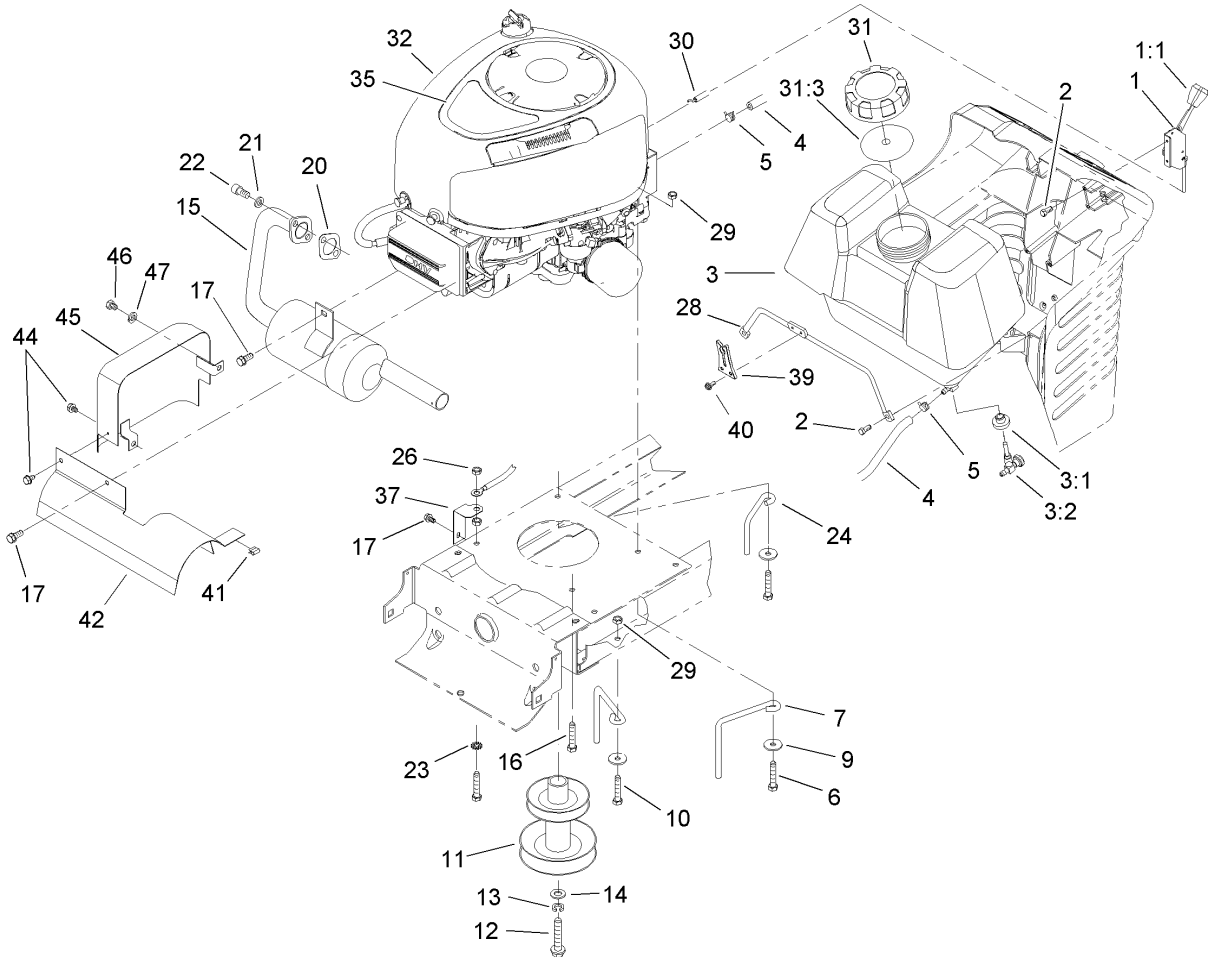
Ref	Part No.	Qty.	Description
1	3296-29	5	Nut-Lock, NI
2	323-13	2	Screw-HH
3	3231-4	1	Screw-CARR
4	3230-3	1	Screw-CARR
5	88-5130-03	1	Bracket-Rack, Steering
6	3230-2	4	Bolt-CARR
7	88-5010	1	Spacer-Rack, Steering
8	302-26	1	Fitting-Grease
9	88-4670	1	Bushing-Eccentric
10	88-5200	1	Rack-Steering
11	52-2891	1	Bushing-Link, Steering
12	111419	1	Washer-Bearing
13	3256-25	2	Washer-Flat
14	3272-10	1	Pin-Cotter
15	3296-39	3	Nut-Lock, NI
16	99-2956-03	1	Bracket-Module
17	5-4460	1	Washer-Pivot
18	93-3833-03	1	Spindle-LH
19	99-3700	1	Module
20	3296-5	3	Nut-Lock, NI
21	3-6498	2	Washer-Thrust
23	88-5470	2	Spacer-Axle, Front
24	3256-24	2	Washer-Flat
25	9266714	2	Screw-HWH

Ref	Part No.	Qty.	Description
26	61-9780	2	Cap-Hub
27	3272-12	2	Pin-Cotter
28	28-2480	2	Washer
❷29		2	Front Wheel And Tire ASM
29:1	99-2988	1	Tire
29:2	88-4370	1	Rim ASM
29:2:1	232-27	1	Stem-Valve
29:2:2	88-4400	2	Bearing-Wheel
29:2:3	302-5	1	Fitting-Grease
29:3	232-39	1	Tube
30	92-7889-03	1	Spindle-RH
31	99-2955-03	1	Axle-Front
32	93-3873	1	Tie Rod ASM
33	32151-48	2	E-Ring
34	93-3840	1	Link-Drag
35	88-5510	1	Rod-Brake, Parking
36	88-5520-03	1	Bracket-Brake, Parking
37	88-0890	1	Grip-Brake, Parking
38	3-6498	4	Washer-Thrust
39	302-5	2	Fitting-Grease



Fixed Steering Assembly

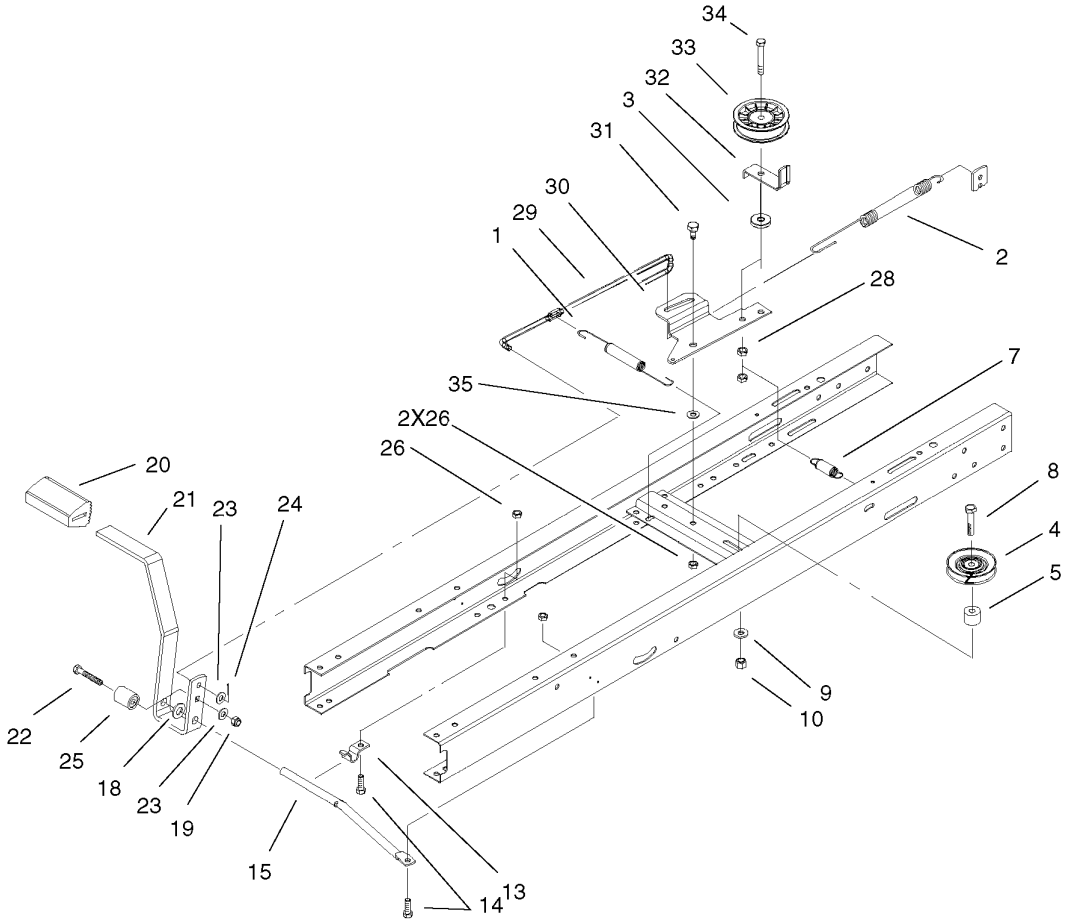
Ref	Part No.	Qty.	Description
1	98-1467	1	Wheel-Steering
1:1	98-1468	1	Cover-Wheel, Steering
2	32121-111	1	Pin-Roll
4	88-4190	1	Bushing-Sliding
6	3256-22	2	Washer-Flat
7	321-4	2	Screw-HH
9	3296-42	2	Nut-Lock, NI
16	88-5150	1	Bearing-Flange
17	3-6498	1	Washer-Thrust
18	32151-48	1	E-Ring
23	98-1459	1	Decal
24	88-4150	1	Plug
25	88-6380	1	Shaft-Steering, Long



Engine System Assembly

Ref	Part No.	Qty.	Description
1	88-4340	1	Control-Throttle
1:1	66-0120	1	Knob
2	27-0220	4	Screw-Special
3	88-3880	1	Gas Tank ASM
3:1	104047	1	Bushing
3:2	104048	1	Valve-Fuel
4	47-2963	1	Hose-Fuel
5	2412-98	2	Clamp
6	322-9	3	Screw-HH
7	93-3854	3	Guide-Belt, Engine
9	5-4460	4	Washer-Pivot
10	322-5	2	Screw-HH
11	100-7414	1	Pulley-Engine
12	62-3760	1	Screw-HH
13	3253-22	1	Washer-Lock
14	3256-25	1	Washer-Flat
15	99-6845	1	Muffler
16	9267154	1	Screw
17	9266714	3	Screw-HWH
20	88-4410	1	Gasket-Muffler
21	3253-4	2	Washer-Lock
22	3274-10	2	Screw-HSH
23	3255-8	1	Washer-Lock
24	93-3855	1	Guide-Belt, RH

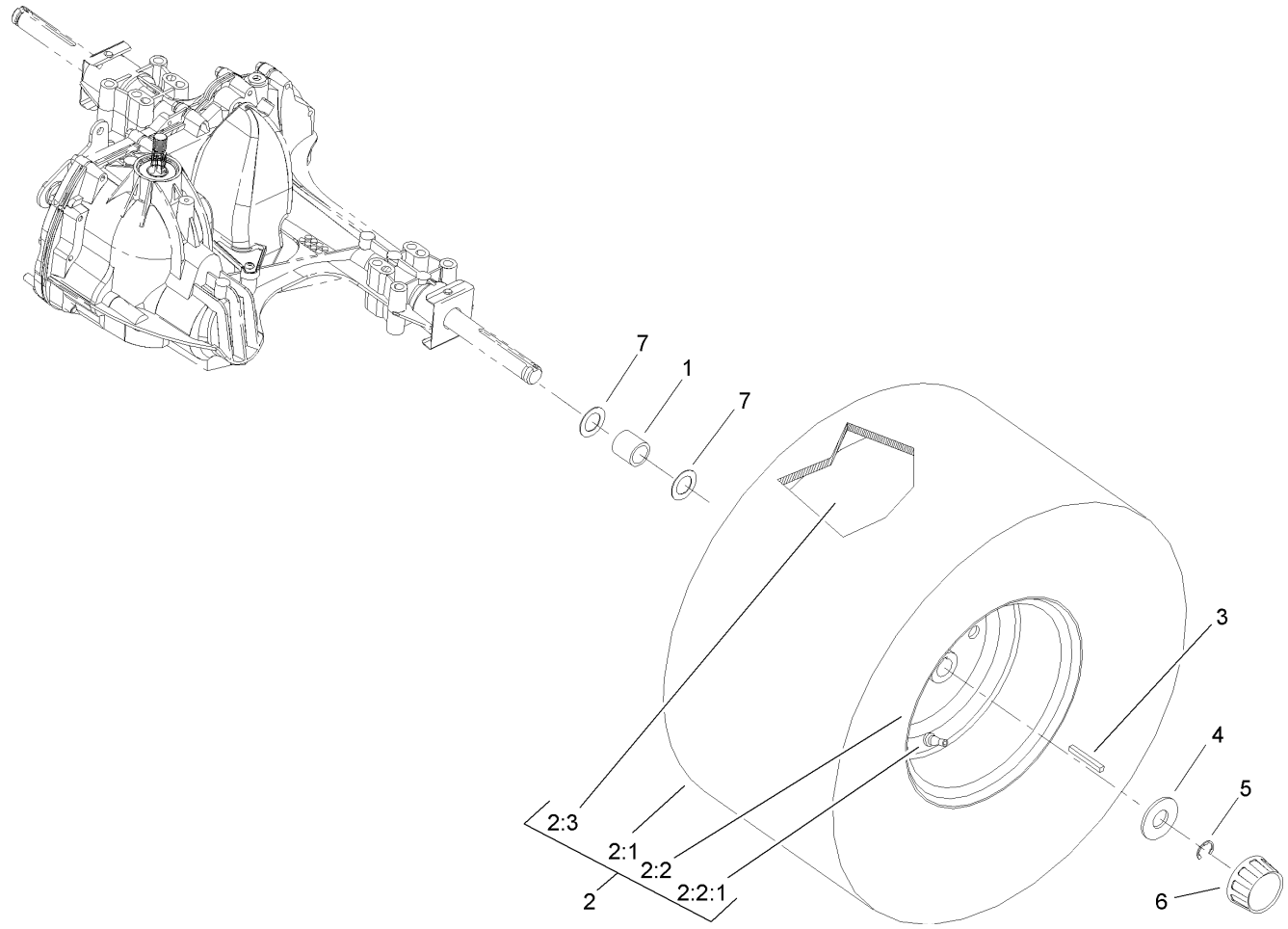
Ref	Part No.	Qty.	Description
26	32149-1	2	Nut
28	94-1952	1	Rod-Tank, Gas
29	3296-29	4	Nut-Lock, NI
30	88-4350	1	Cable-Throttle
31	88-3980	1	Gas Cap ASM
31:3	88-4010	1	Gasket-Cap, Gas
❷32		1	Engine-17hp, Briggs And Stratton
35	106-6410	1	Decal-Engine
37	93-3809	1	Bracket-Ground
39	94-1951	1	Latch-Hood
40	32144-112	2	Screw-HWHTF
41	93-3882	1	Clip-Tinnerman
42	93-3880-03	1	Shield-Muffler
44	32104-76	2	Screw
45	93-8450-03	1	Exhaust Shield ASM
46	322-3	1	Screw-HH
47	3253-4	1	Washer-Lock



Traction Brake Assembly

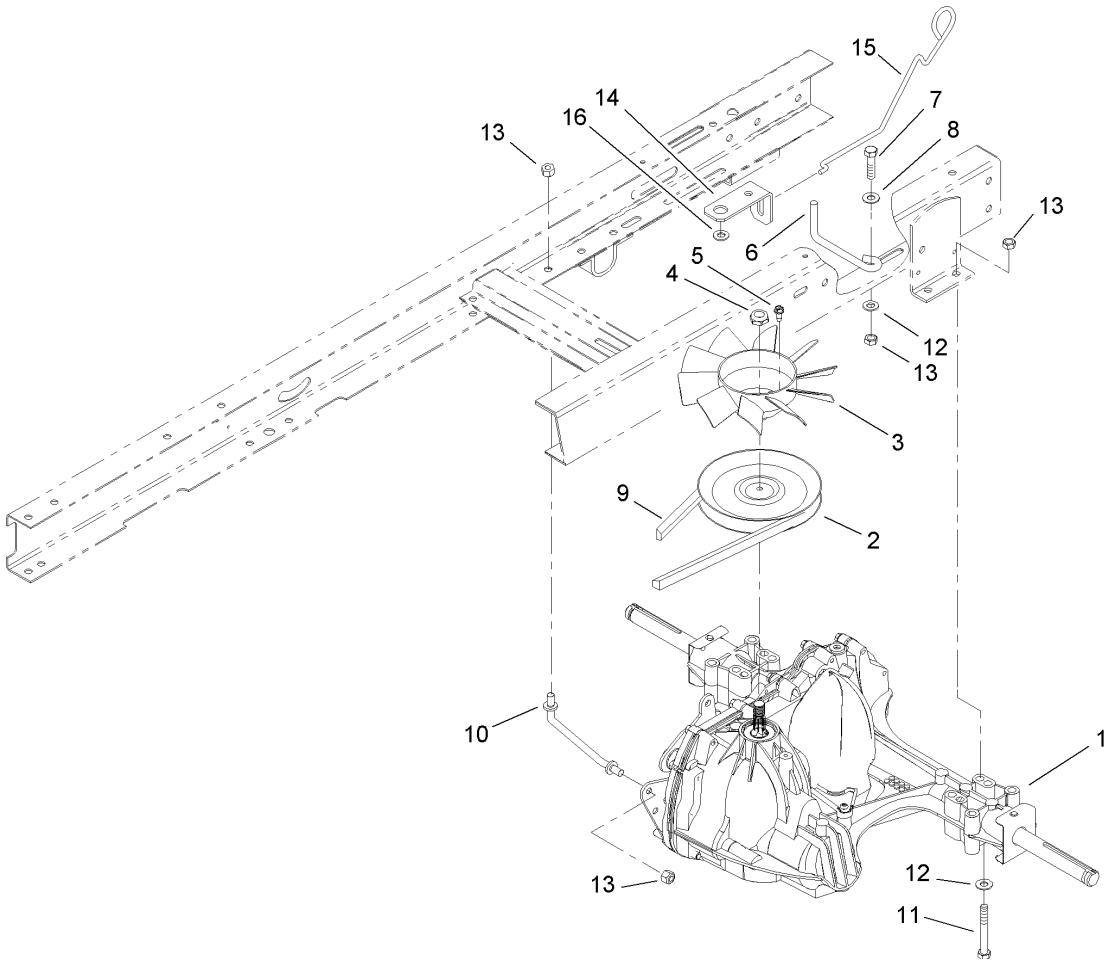
Ref	Part No.	Qty.	Description
1	27-8890	1	Spring-Return
2	100-7422	1	Spring-Brake
3	92-4890	1	Washer-Wheel
4	92-7102	1	Pulley-Idler
5	92-5791	1	Spacer
7	88-6330	1	Spring-Extension
8	323-10	1	Screw-HH
9	3256-3	1	Washer-Flat
10	3296-39	1	Nut-Lock, NI
13	88-4810	1	Clamp-Shift, Pivot
14	322-3	2	Screw-HH
15	88-5500	1	Rod-Pedal, Pivot
18	3256-26	1	Washer-Flat
19	3296-47	1	Nut-Lock, NI
20	65-2920	1	Pad-Pedal
21	88-5000-03	1	Pedal-Clutch/brake
22	322-9	1	Screw-HH
23	3256-23	2	Washer-Flat
24	3272-10	1	Pin-Cotter
25	99-6836	1	Spacer-Switch
26	3296-29	3	Nut-Lock, NI
28	3296-59	2	Nut-Lock, NI
29	88-5270	1	Rod-Clutch/brake
30	88-6070	1	Arm-Idler

Ref	Part No.	Qty.	Description
31	37-8770	1	Bolt-Shoulder
32	88-5560	1	Guide-Idler, Belt
33	104-4160	1	Pulley-Idler
34	323-11	1	Screw-HH
35	5-4460	1	Washer-Pivot



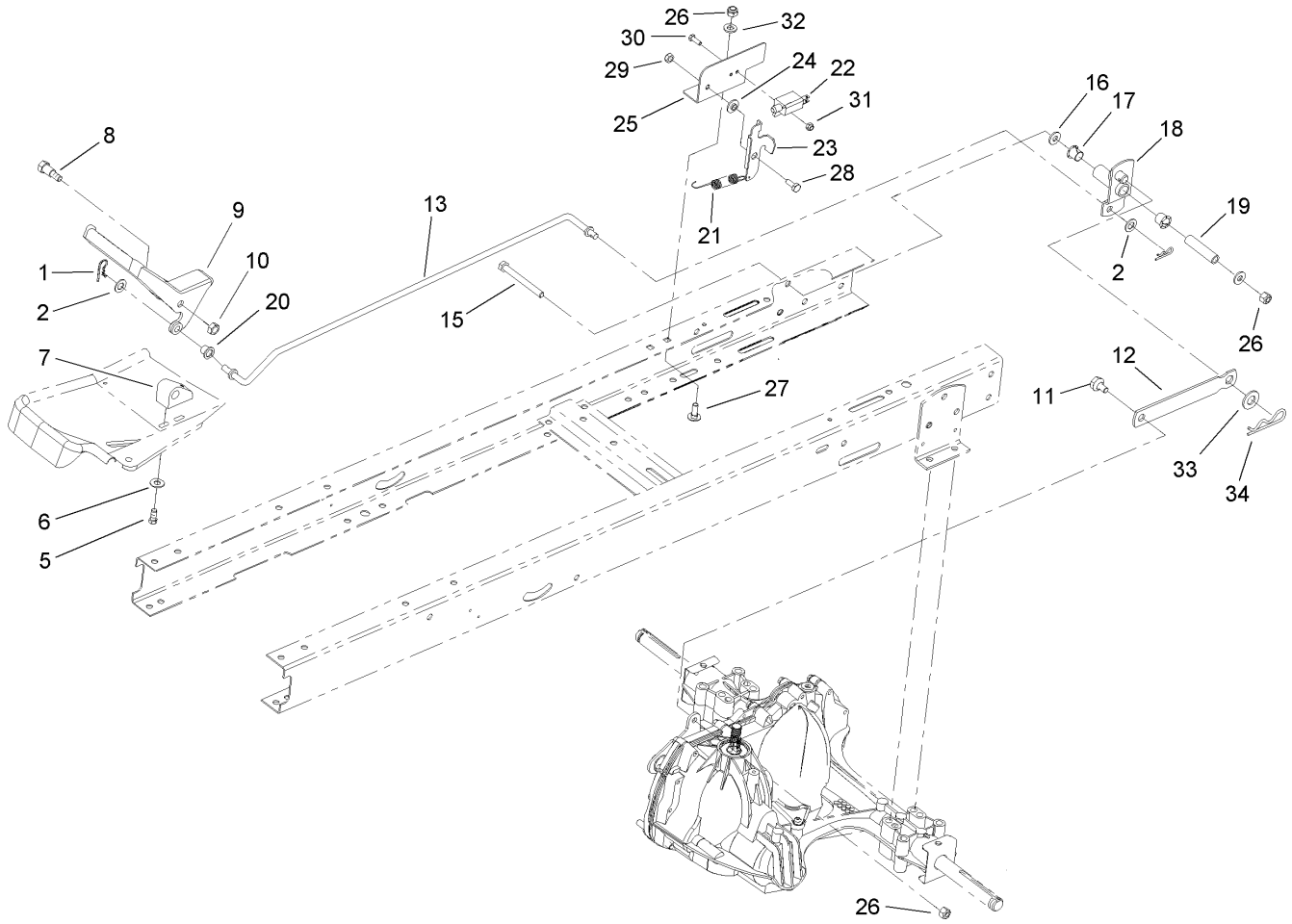
Wheel and Tire Component Assembly

Ref	Part No.	Qty.	Description
1	104-4161	2	Spacer-Wheel
2		2	Rear Wheel And Tire ASM
2:1	99-2994	1	Tire
2:2	88-4390	1	Rim ASM
2:2:1	232-27	1	Stem-Valve
2:3	93-3893	1	Tube-Inner
3	7-0036	2	Key-Square
4	28-2480	4	Washer
5	32151-48	2	E-Ring
6	61-9780	2	Cap-Hub
7	3-6498	2	Washer-Thrust



Hydro Transaxle Assembly

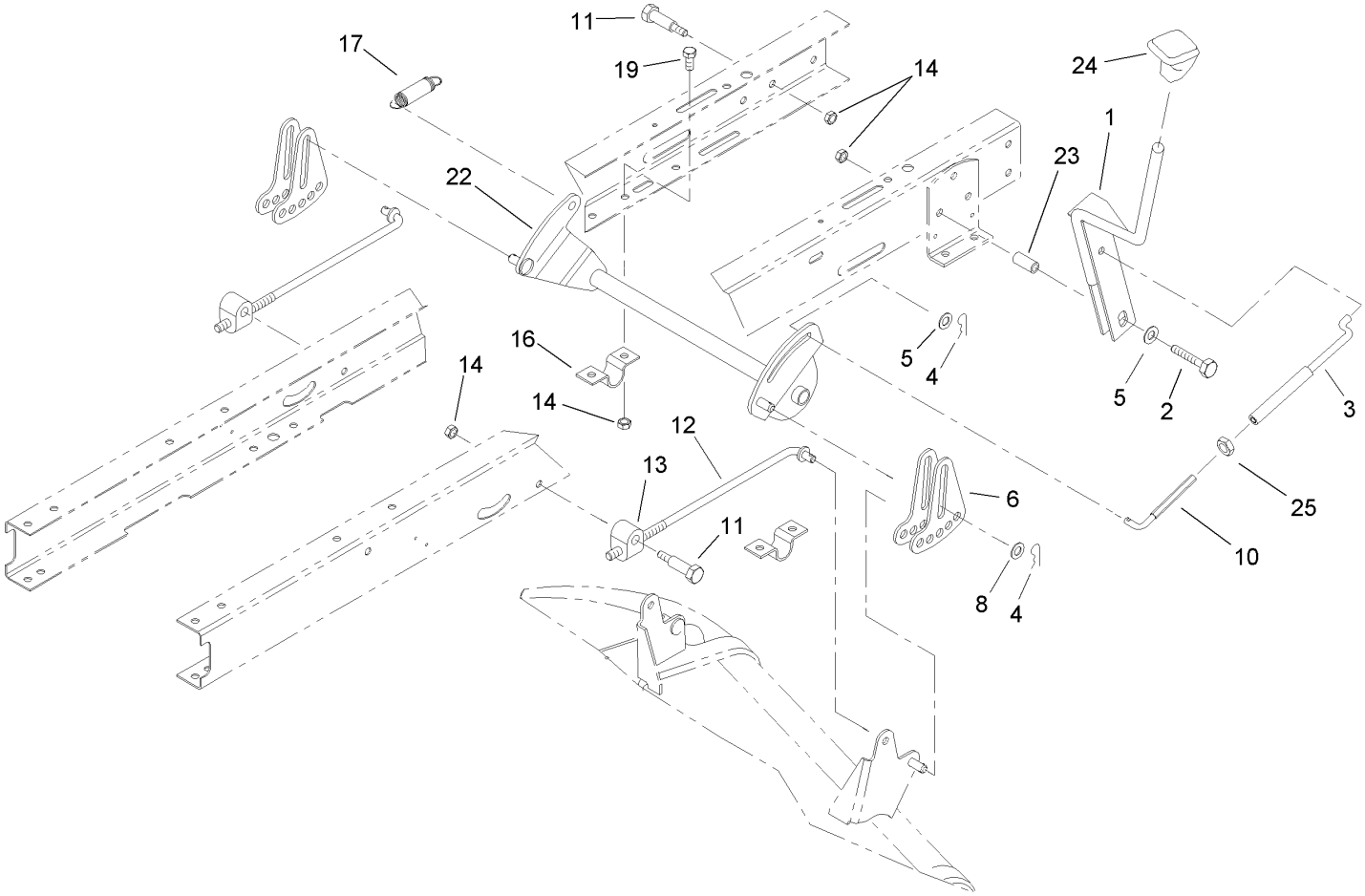
Ref	Part No.	Qty.	Description
1	104-1760	1	Transaxle ASM
2	104-1753	1	Pulley-5.5in
3	104-2162	1	Fan
4	3296-28	1	Nut-Lock, NI
5	9134304	3	Screw
6	93-3868	1	Guide-Belt, Transmission
7	322-5	1	Screw-HH
8	5-4460	1	Washer-Pivot
9	88-6250	1	V-Belt
10	100-6225	1	Strap-Torque
11	322-13	4	Screw-HH
12	3256-23	3	Washer-Flat
13	3296-29	7	Nut-Lock, NI
14	100-7406	1	Bracket-Bypass
15	100-7407	1	Wire-Bypass
16	3256-3	1	Washer-Flat



Hydro Transaxle and No Mow In Reverse Assembly

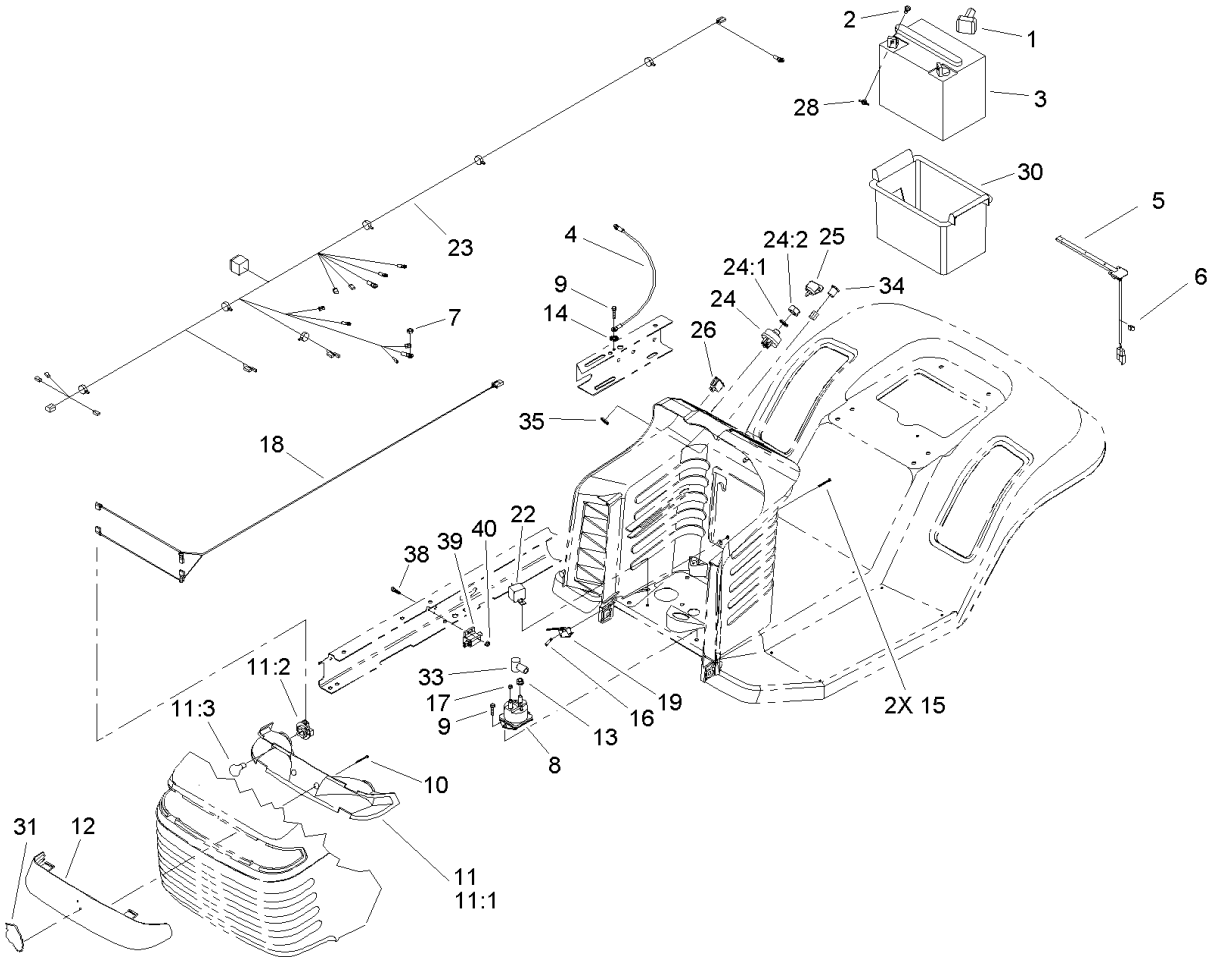
Ref	Part No.	Qty.	Description
1	3290-307	2	Pin-Hair
2	3256-38	2	Washer-Flat
5	46-8090	2	Screw-Plastite
6	3256-22	2	Washer-Flat
7	88-4690	1	Block-Pivot
8	23-0310	1	Bolt-Shoulder
9	99-6120-05	1	Pedal-Control, Speed
10	3296-59	1	Nut-Lock, NI
11	37-8770	1	Bolt-Shoulder
12	99-6849	1	Link-Control, Speed
13	99-6839	1	Rod-Control, Speed
15	322-14	1	Screw-HH
16	3256-2	2	Washer-Flat
17	256-257	2	Bushing-Nyliner
18	99-6835-03	1	Pivot ASM
19	99-6832	1	Spacer-Pivot
20	99-6121	1	Bushing
21	99-6805	1	Spring-Extension
22	95-1653	1	Switch-Pole, Single
23	99-6807	1	Bracket-Pivot
24	99-6808	1	Washer-Stepped
25	99-6806	1	Bracket-Adjustment
26	3296-29	4	Nut-Lock, NI
27	3230-18	2	Screw-CARR

Ref	Part No.	Qty.	Description
28	99-6810	1	Screw-HH
29	3296-42	1	Nut-Lock, NI
30	3290-392	2	Screw-HHF
31	3296-1	2	Nut-Lock, NI
32	3256-23	2	Washer-Flat
33	3256-26	1	Washer-Flat
34	9335054	1	Pin-Hair



Height-Of-Cut Component Assembly

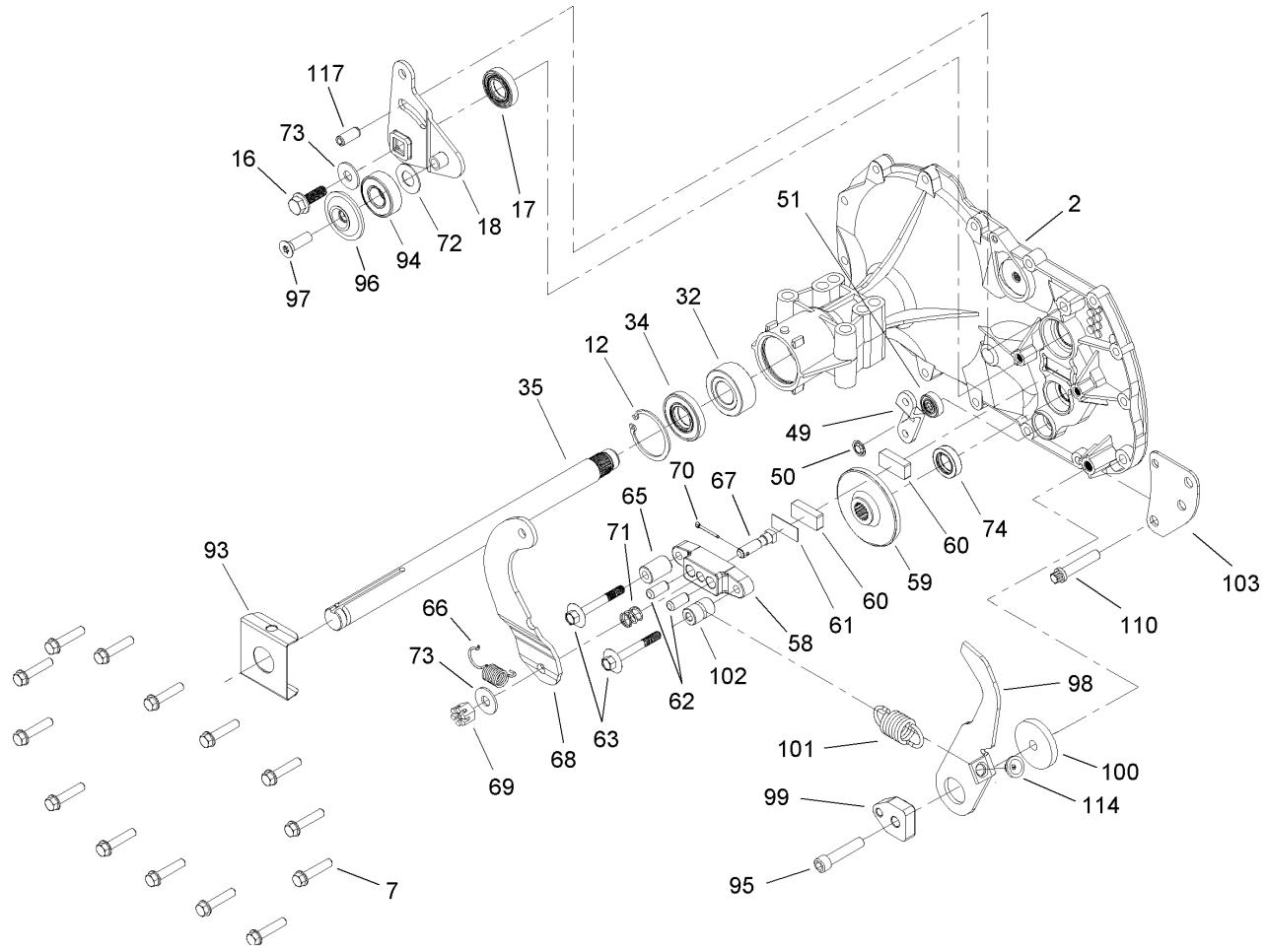
Ref	Part No.	Qty.	Description
1	93-3822-03	1	Lever
2	322-39	1	Screw-HH
3	93-3885	1	Tube
4	3290-307	3	Pin-Hair
5	3256-24	2	Washer-Flat
6	88-5570-03	4	Link-Adjusting, HOC
8	80-6990	2	Washer-Hardened
10	93-3888	1	Link-HOC
11	7-0030	3	Bolt-Shoulder
12	88-5450	2	Rod-Hanger, Rear
13	88-4230	2	Trunnion-HOC
14	3296-29	8	Nut-Lock, NI
16	88-4730	2	Clamp-Hoc, Pivot
17	93-3808	1	Spring-Extension
19	322-3	4	Screw-HH
22	93-7660-03	1	Pivot-HOC
23	65-7210	1	Spacer
24	94-5565	1	Knob-Shift
25	3218-2	1	Nut-Jam
❶99	92-5771	1	Rod-Removal, Spring



Electrical Component Assembly

Ref	Part No.	Qty.	Description
1	28-8080	1	Boot-Terminal
2	321-4	2	Screw-HH
3	104-1755	1	Battery
4	44-8110	1	Wire ASM
5	38-1420	1	Switch-Seat
6	702366	1	Clip-Retainer, Wire
7	32149-2	1	Nut
8	28-4210	1	Solenoid
9	9266714	3	Screw-HWH
10	32144-32	2	Screw
11	88-3970	1	Reflector And Lamp ASM
11:1	93-8741	1	Reflector
11:2	111686	2	Socket-Light
11:3	7228	2	Bulb
12	88-3960	1	Lens-Headlight
13	32149-1	2	Nut
14	3255-7	2	Washer-Lock/ext
15	93-0539	2	Screw-HH
16	3290-354	1	Nut-Speed
17	32149-8	2	Nut-Keps
18	99-1935	1	Harness-Headlight
19	88-9932	1	Switch-Micro
22	98-7249	1	Relay
23	99-6840	1	Harness-Wire

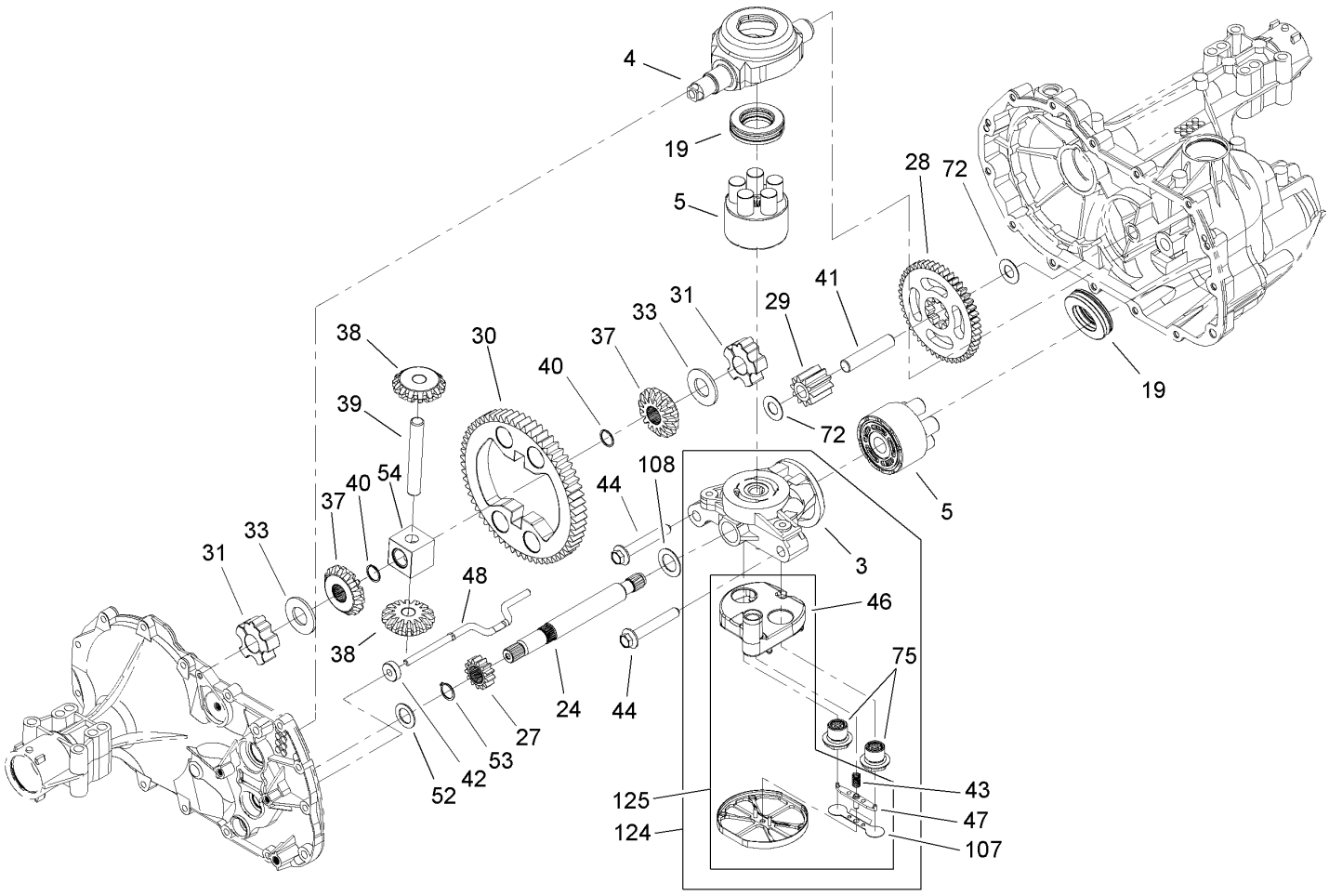
Ref	Part No.	Qty.	Description
24	88-9830	1	Key Switch ASM
24:1	3254-5	1	Washer-Tooth
24:2	218-461	1	Nut-HH
25	63-8360	1	Key-Ignition
26	92-8875	1	Switch-Rocker
28	32103-22	2	Nut-Wing
30	88-4040	1	Box-Battery
31	95-4248	1	Decal
33	93-3190	1	Boot-Insulator, Terminal
34	95-7652	1	Light-Indicator
35	99-6059	1	Clip-Retainer
38	3274-14	2	Screw-HSH
39	65-7410	1	Switch-Pole, Single
40	3296-2	2	Nut-Lock



Transaxle Side Housing and Bearing Assembly

Ref	Part No.	Qty.	Description
2	104-5302	1	Side Housing ASM
7	104-5305	14	Screw-HHF
12	104-5309	1	Ring-Retaining
16	104-5312	1	Screw-HF
17	104-5313	1	Seal-Lip
18	104-5314	1	Arm-Control
32	104-5321	1	Bearing-Sleeve, Outboard
34	104-5322	1	Seal-Lip
35	104-5323	1	Shaft-Axle, RH
49	104-5336	1	Arm-Bypass
50	104-5337	1	Ring-Retaining
51	104-5338	1	Seal-Lip
58	104-5343	1	Yoke-Brake
59	104-5344	1	Rotor-Brake
60	104-2171	2	Puck-Brake
61	104-2181	1	Puck-Plate
62	104-2176	2	Pin-Brake
63	104-5345	2	Screw-HF
65	104-2180	1	Spacer
66	104-2184	1	Spring-Arm, Brake
67	104-2174	1	Bolt-SQH
68	104-5346	1	Arm-Brake
69	93-3807	1	Nut-Castle
70	3272-7	1	Pin-Cotter

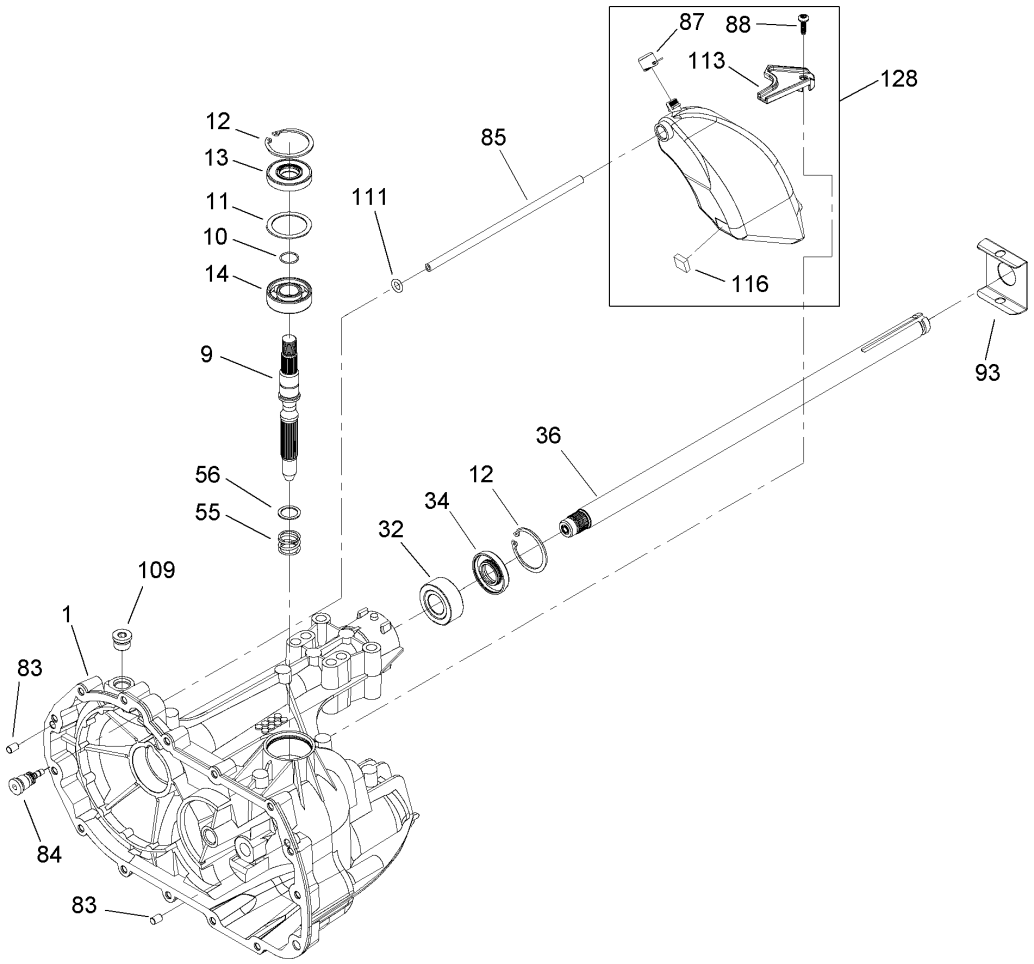
Ref	Part No.	Qty.	Description
71	104-2188	1	Spring-Brake, Anti Drag
72	94-1933	1	Washer
73	5-4460	2	Washer-Pivot
74	104-5347	1	Seal-Oil
93	104-5353	1	Clip-Spring
94	104-2156	1	Bearing
95	104-2155	1	Screw
96	104-2157	1	Spacer-Locating
97	104-2158	1	Screw-Countersunk
98	104-5354	1	Arm-Return
99	104-2119	1	Puck-Adjusting
100	104-5355	1	Washer
101	104-5356	1	Spring-Extension
102	104-5357	1	Spacer
103	104-5358	1	Bracket-Torque
110	104-2148	1	Screw-TTH
114	104-5363	1	Guide-Spring
117	104-5365	1	Pin-Spring



Transaxle Gear Assembly

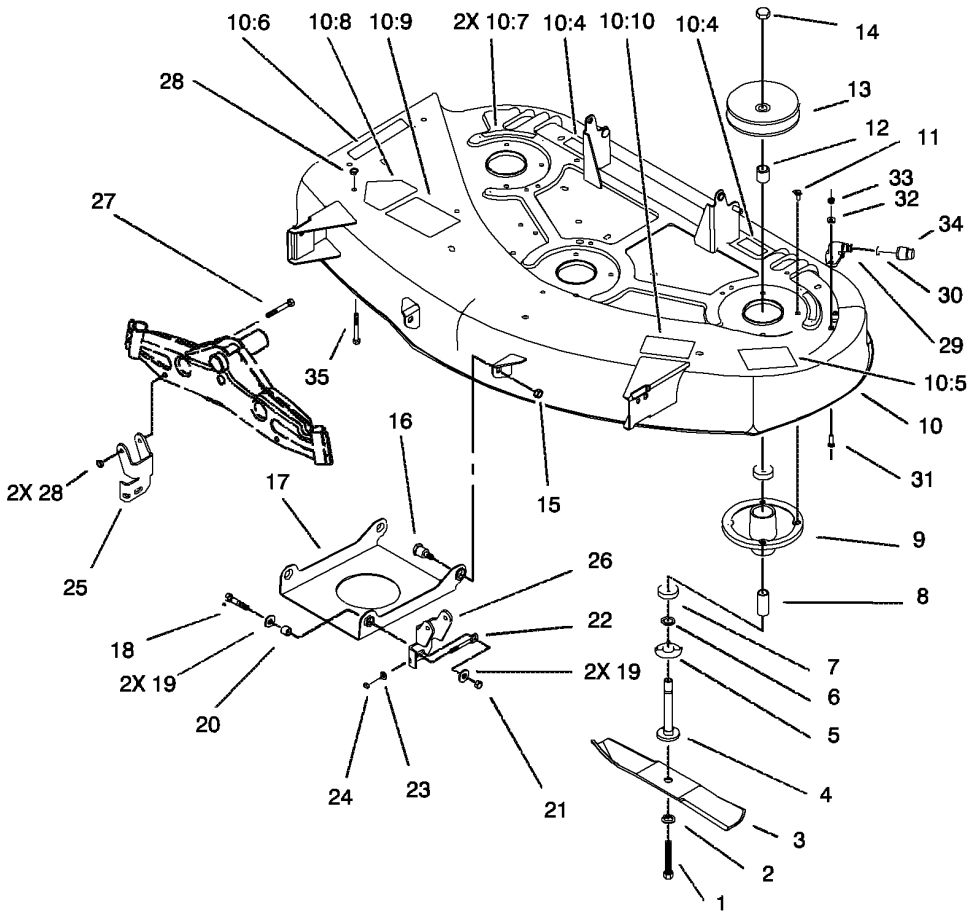
Ref	Part No.	Qty.	Description
3	104-5303	1	Center Section ASM
4	104-5304	1	Swashplate-Trunnion
5	104-2106	2	Cylinder Block ASM
19	94-6922	2	Bearing-Thrust
24	104-5315	1	Shaft-Motor
27	104-5316	1	Gear-Pinnion, 13t
28	104-5317	1	Gear-10t/48t
29	104-5318	1	Gear-Jackshaft, 10t
30	104-5319	1	Gear-Bull 60t
31	104-5320	2	Bearing-Sleeve
33	94-1943	2	Washer
37	104-5325	2	Gear-Miter
38	104-5326	2	Gear-Miter 15t
39	104-5327	1	Shaft
40	104-5328	2	Ring-Retaining, Spiral
41	104-5329	1	Pin-Jackshaft
42	104-5330	1	Magnet-Ring
43	104-5331	1	Spring-Bypass
44	94-6926	2	Bolt
46	104-5333	1	Base-Filter
47	104-5334	1	Actuator-Bypass
48	104-5335	1	Rod-Actuator, Bypass
52	104-5339	1	Washer-Flat
53	104-5340	1	Ring-Retaining

Ref	Part No.	Qty.	Description
54	104-5341	1	Bearing-Block, Center
72	94-1933	2	Washer
75	104-5348	2	Check Plug ASM
107	104-5359	1	Deflector
108	104-5360	1	Washer-Shaft, Motor
124	106-6522	1	Center Section Filter Bypass ASM
125	106-6523	1	Filter ASM
❶127	104-5368	1	Seal Kit



Transaxle Main Housing and Bearing Assembly

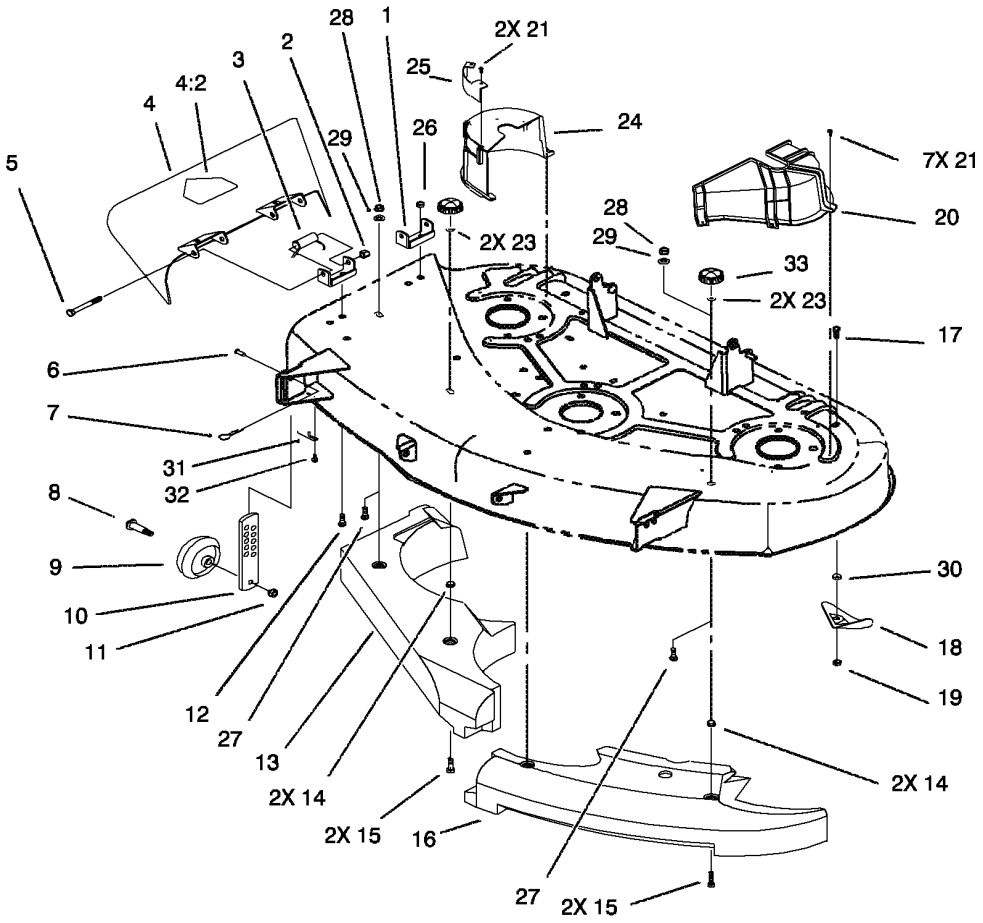
Ref	Part No.	Qty.	Description
1	104-5301	1	Main Housing ASM
9	104-5306	1	Shaft-Input
10	104-5307	1	Ring-Retaining
11	104-5308	1	Spacer
12	104-5309	2	Ring-Retaining
13	104-5310	1	Seal-Lip
14	104-5311	1	Bearing-Ball
32	104-5321	1	Bearing-Sleeve, Outboard
34	104-5322	1	Seal-Lip
36	104-5324	1	Shaft-Axle, LH
55	94-1936	1	Spring-Block
56	94-1937	1	Washer-Block, Thrust
83	104-2170	2	Pin
84	104-5349	1	Fitting-Sae
85	104-5350	1	Hose-Expansion, Tank
87	104-5351	1	Cap-Vent
88	104-5352	1	Bolt-Tapping, Self
93	104-5353	1	Clip-Spring
109	104-2189	1	Plug-Thread, Straight
111	104-5361	1	O-Ring
113	104-5362	1	Bracket-Support
116	104-5364	1	Sponge-Silicone
128	104-5369	1	Expansion Tank Kit



Spindle and Blade Assembly

Ref	Part No.	Qty.	Description
1	26-0671	3	Screw-Blade
2	3290-465	3	Washer-Belleville
3	92-7952	3	Blade-Recycler
4	80-4342	3	Shaft-Spindle
5	80-4360	3	Shield-Bearing
6	80-4380	3	Spacer
7	100-1048	6	Bearing-Ball
8	62-3661	3	Spacer-Bearing
9	88-4510	3	Spindle
10	95-6107	1	Deck ASM
10:4	55-4300	2	Decal-Warning
10:5	66-1340	1	Decal-Danger
10:6	68-3650	1	Decal-Deflector Danger
10:7	68-3660	2	Decal-Shield Danger
10:8	93-1122	1	Decal-Danger
10:9	93-3777	1	Decal, Belt Install
10:10	93-7282	1	Decal-Wheel Adjustment
11	32144-41	12	Screw-Taptite
12	88-5360	3	Spacer
13	88-5330	3	Pully-Deck
14	3219-6	3	Nut-Hex
15	3296-23	2	Nut-Lock, NI
16	94-5823	2	Bolt-Shoulder
17	93-3881-03	1	Pan-Front Deck, Suspension

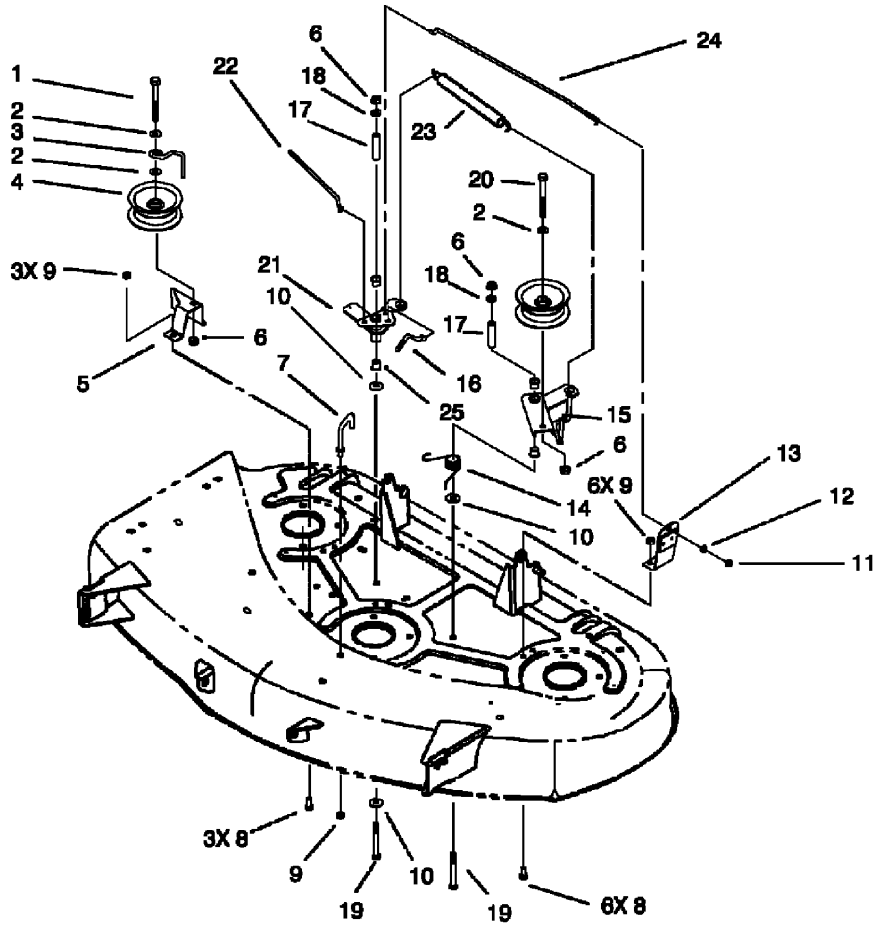
Ref	Part No.	Qty.	Description
18	323-9	2	Screw-HH
19	80-6990	4	Washer-Hardened
20	93-9847	2	Spacer
21	3296-39	2	Nut-Lock, NI
22	61-9980	2	Screw-Adjusting
23	3256-22	2	Washer-Flat
24	3296-42	2	Nut-Lock, NI
25	93-9849-03	1	Bracket-RH
26	93-9848-03	1	Bracket-LH
27	322-12	2	Screw-HH
28	3296-29	3	Nut-Lock, NI
29	95-2747	1	Fitting-Washout
30	46-6290	1	O-Ring
31	3229-1	2	Screw-CARR
32	3256-1	2	Washer-Flat
33	3296-16	2	Nut-Lock, NI
34	95-3270	1	Connector-Hose
35	322-1	1	Screw-HH



Chute and Recycler Assembly

Ref	Part No.	Qty.	Description
1	29-5590-03	2	Bracket-Pivot
2	3296-5	2	Nut-Lock, NI
3	40-6230	2	Spring
4	100-6206	1	Deflector ASM
4:2	43-8480	1	Decal-Danger
5	3211-15	2	Screw-HH
6	283-2	2	Pin-Clevis
7	3290-307	2	Pin-Hair
8	56-6591	2	Bolt-Wheel
9	701756	2	Wheel-Gage
10	93-8010	2	Plate-Gage Wheel
11	3296-59	2	Nut-Lock, NI
12	3230-23	4	Screw-CARR
13	93-7651	1	Baffle-RH
14	32149-1	4	Nut
15	322-6	4	Screw-HH
16	93-7652	1	Baffle-LH
17	3230-23	4	Screw-CARR
18	84-5760	4	Plate-Kicker
19	3296-29	4	Nut-Lock, NI
20	93-3866	1	Cover-Belt, LH
21	32104-76	9	Screw
23	3290-456	4	Washer-Belleville
24	93-3865	1	Cover-Belt, RH

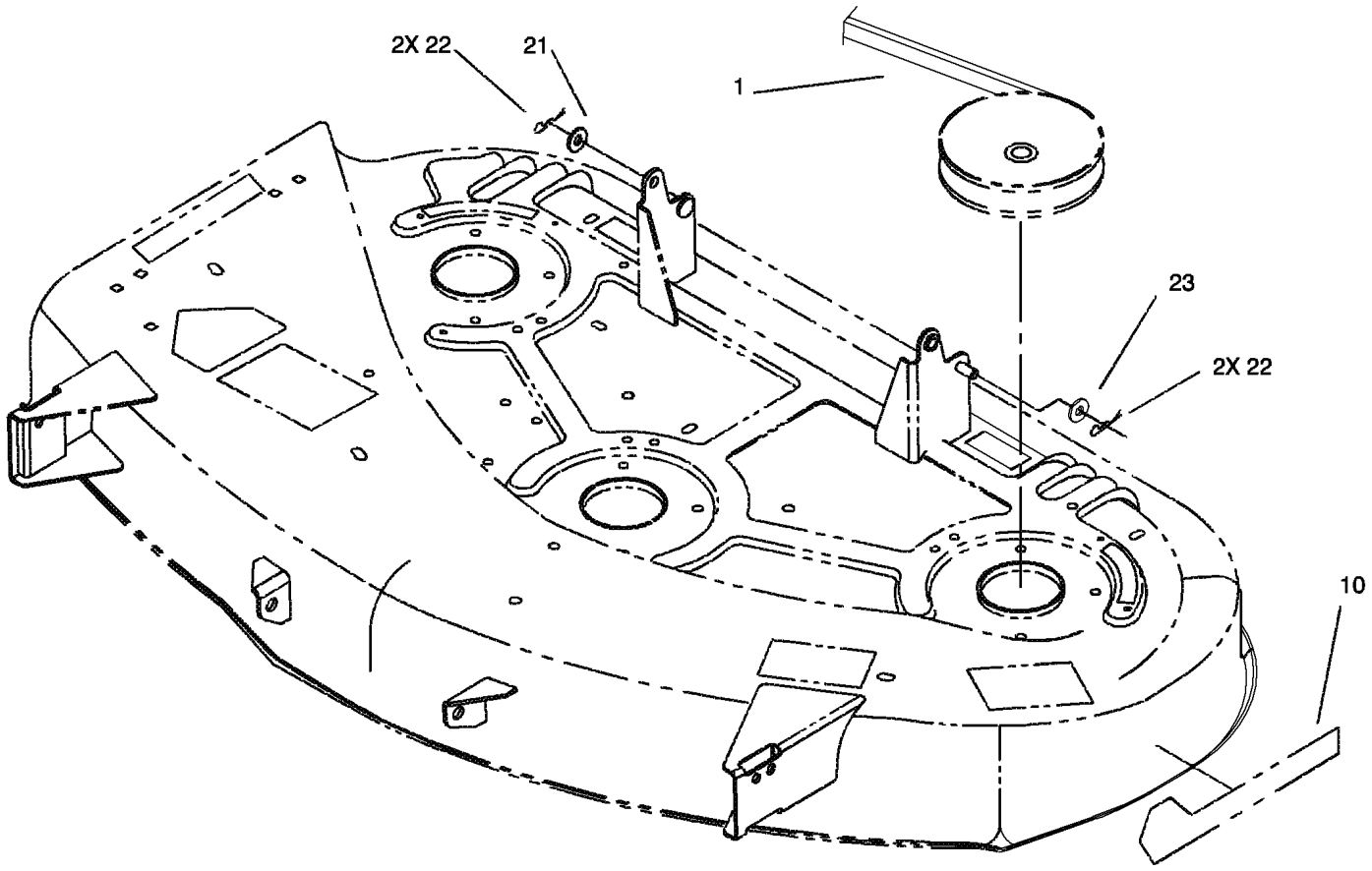
Ref	Part No.	Qty.	Description
25	93-3876-03	1	Insert-Belt Cover
26	3296-29	4	Nut-Lock, NI
27	3231-21	2	Screw-CARR
28	3296-39	2	Nut-Lock, NI
29	3256-5	2	Washer-Flat
30	59-4310	4	Spacer
31	94-1981	2	Spring-Gage Wheel
32	32104-76	2	Screw
33	94-5583	4	Knob



Brake and Idler Assembly

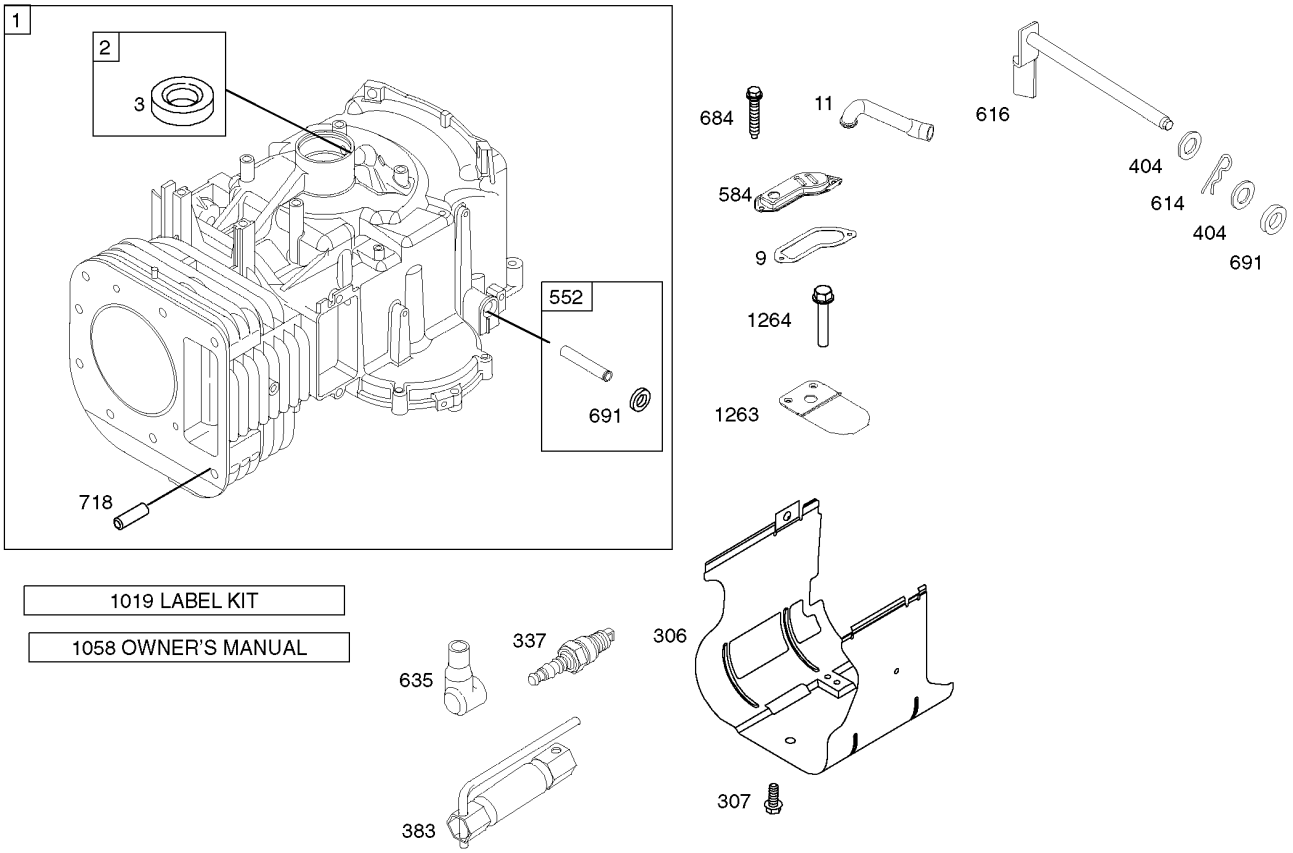
Ref	Part No.	Qty.	Description
1	323-12	1	Screw-HH
2	3256-24	3	Washer-Flat
3	88-5070	1	Guide-Idler, Belt
4	88-5630	2	Pulley-Idler, Flat
5	93-3860-03	1	Bracket-Idler
6	3296-39	4	Nut-Lock, NI
7	88-5960	1	Guide-Trans Belt, LH
8	322-3	9	Screw-HH
9	3296-29	10	Nut-Lock, NI
10	80-6990	3	Washer-Hardened
11	3296-42	3	Nut-Lock, NI
12	67-0710	3	Ball-Swivel, Stop
13	93-3841	3	Brake ASM
14	93-9342	1	Spring-Torsion
15	94-1986-03	1	Bellcrank
16	93-3852	1	Rod-Brake, Center
17	94-1988	2	Spacer-Pivot
18	3256-24	2	Washer-Flat
19	323-14	2	Screw-HH
20	323-10	1	Screw-HH
21	94-1989-03	1	Bellcrank
22	93-3853	1	Rod-Brake, RH
23	93-3850	1	Spring-Engage, Deck
24	93-3851	1	Rod-Brake, LH

Ref	Part No.	Qty.	Description
25	256-257	4	Bushing-Nyliner



Decal and Belt Routing Assembly

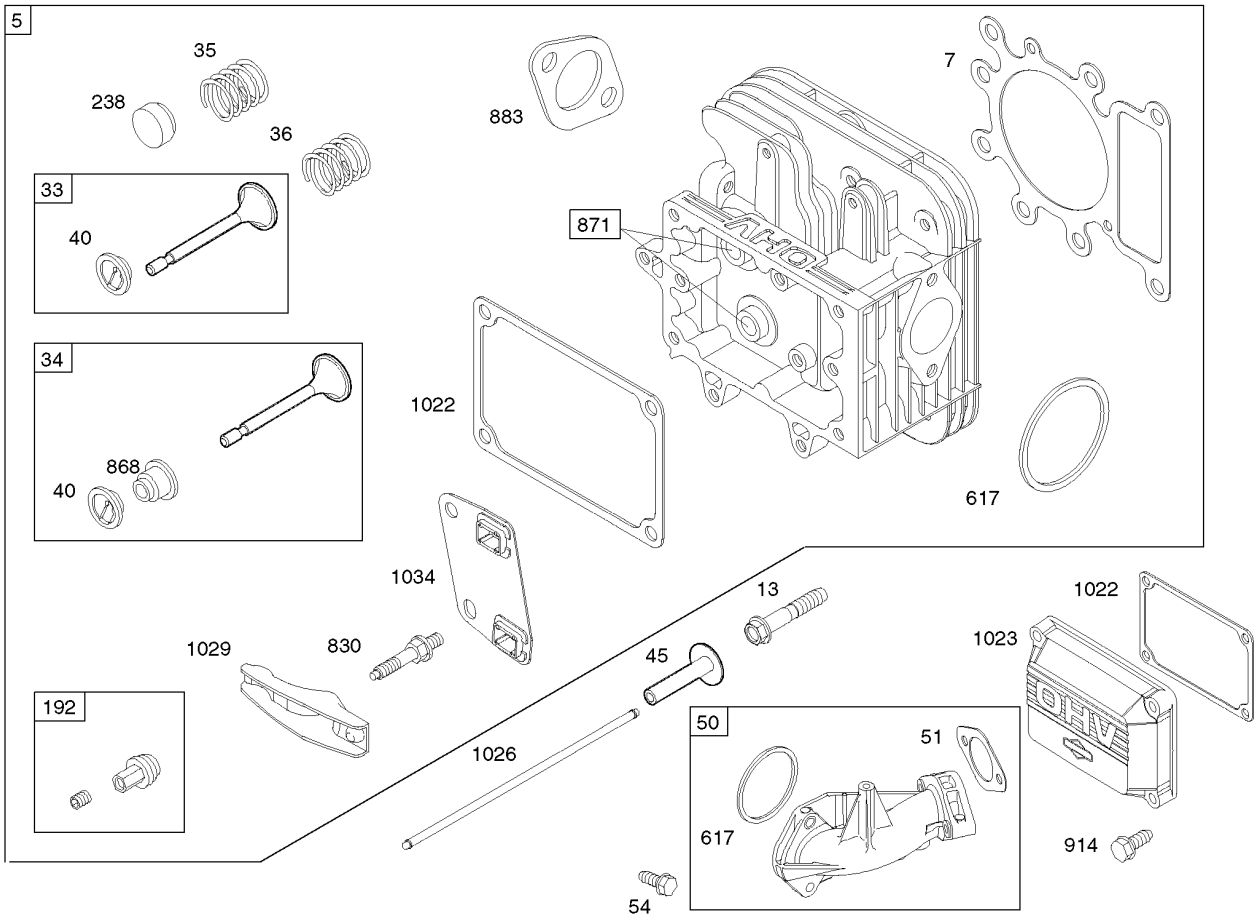
Ref	Part No.	Qty.	Description
1	93-3884	1	V Belt-Deck
10	106-6408	1	Decal
21	3256-24	2	Washer-Flat
22	3290-307	4	Pin-Hair
23	80-6990	2	Washer-Hardened



Assemblies include all parts shown in frames.

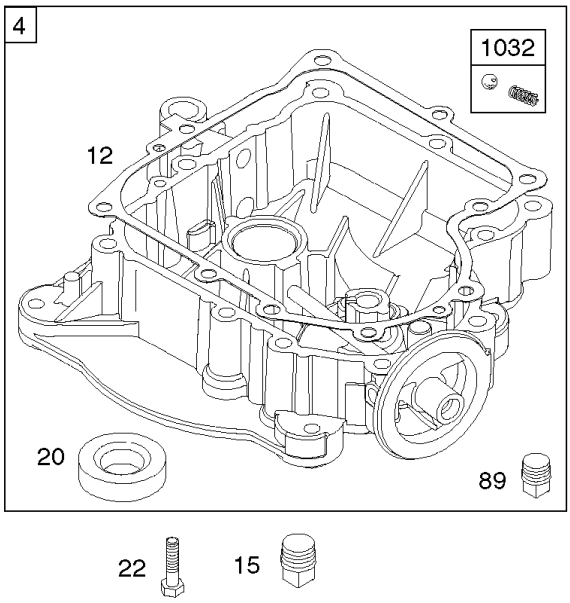
Cylinder Assembly
Briggs and Stratton 31F777-0123-E1

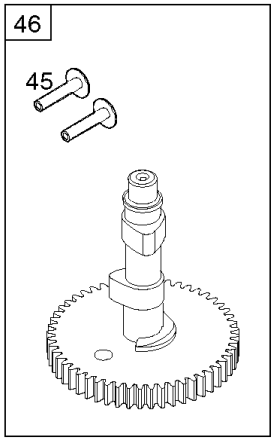
Ref	Part No.	Qty.	Description
1	697174	1	Cylinder Assembly
2	399265	1	Kit-Bushing/seal (Magneto Side)
❸3	391086	1	Seal-Oil (Magneto Side)
❸9	697109	1	Gasket-Breather
11	697113	1	Tube-Breather
306	697107	1	Shield-Cylinder
307	691003	1	Screw (Flywheel Guard)
337	491055	1	Sparkplug
383	89838	1	Wrench-Spark Plug
404	691691	1	Washer (Governor Crank)
552	697144	1	Bushing-Governor
584	697112	1	Cover-Breather Passage
614	691620	1	Pin-Cotter
616	692012	1	Crank-Governor
635	691909	1	Boot-Spark Plug
684	697157	1	Screw (Breather Passage Cover)
❸691	692407	1	Seal-Governor Shaft
718	690959	1	Pin-Locating
1019	697143	1	Kit-Label
1058	275038	1	Owner-S Manual
1263	697124	1	Reed-Breather
1264	697104	1	Screw (Breather Reed)

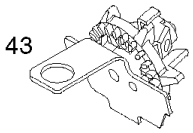


Cylinder Head Assembly
Briggs and Stratton 31F777-0123-E1

Ref	Part No.	Qty.	Description
5	690188	1	Cylinder Head
❸❹7	692410	1	Cylinder Head Gasket
13	690360	1	Screw (Cylinder Head Gasket)
33	495856	1	Exhaust Valve
34	495857	1	Intake Valve
35	691279	1	Spring-Valve (Intake)
36	691279	1	Spring-Valve (Intake)
40	691752	1	Retainer-Valve
45	690564	1	Tappet-Valve
50	690193	1	Intake Manifold
❸❹51 ❺❻	692137	1	Gasket-Intake
54	691148	1	Screw (Intake Manifold)
192	691986	1	Adjustor-Rocker Arm
238	691843	1	Cap-Valve
❸❺617	692138	1	Seal-O Ring (Intake Manifold)
830	691095	1	Stud-Rocker Arm
❸❹868	690968	1	Seal-Valve
871	690969	1	Bushing-Valve Guide
883	692236	1	Gasket-Exhaust
914	690960	1	Screw (Rocker Cover)
❸1022	272475	1	Gasket-Rocker Cover
1023	692492	1	Cover-Rocker
1026	692003	1	Rod-Push (Intake)
	692011	1	Rod-Push (Exhaust)
1029	691751	1	Arm-Rocker
1034	690822	1	Guide-Push Rod



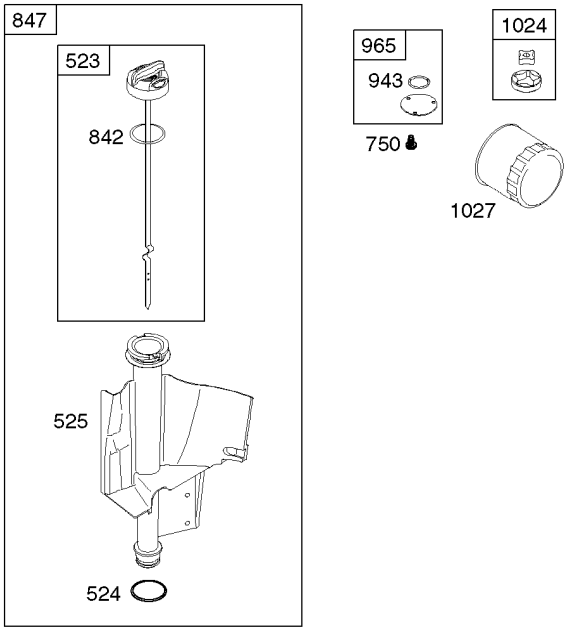




Assemblies include all parts shown in frames.

Crankcase Assembly
Briggs and Stratton 31F777-0123-E1

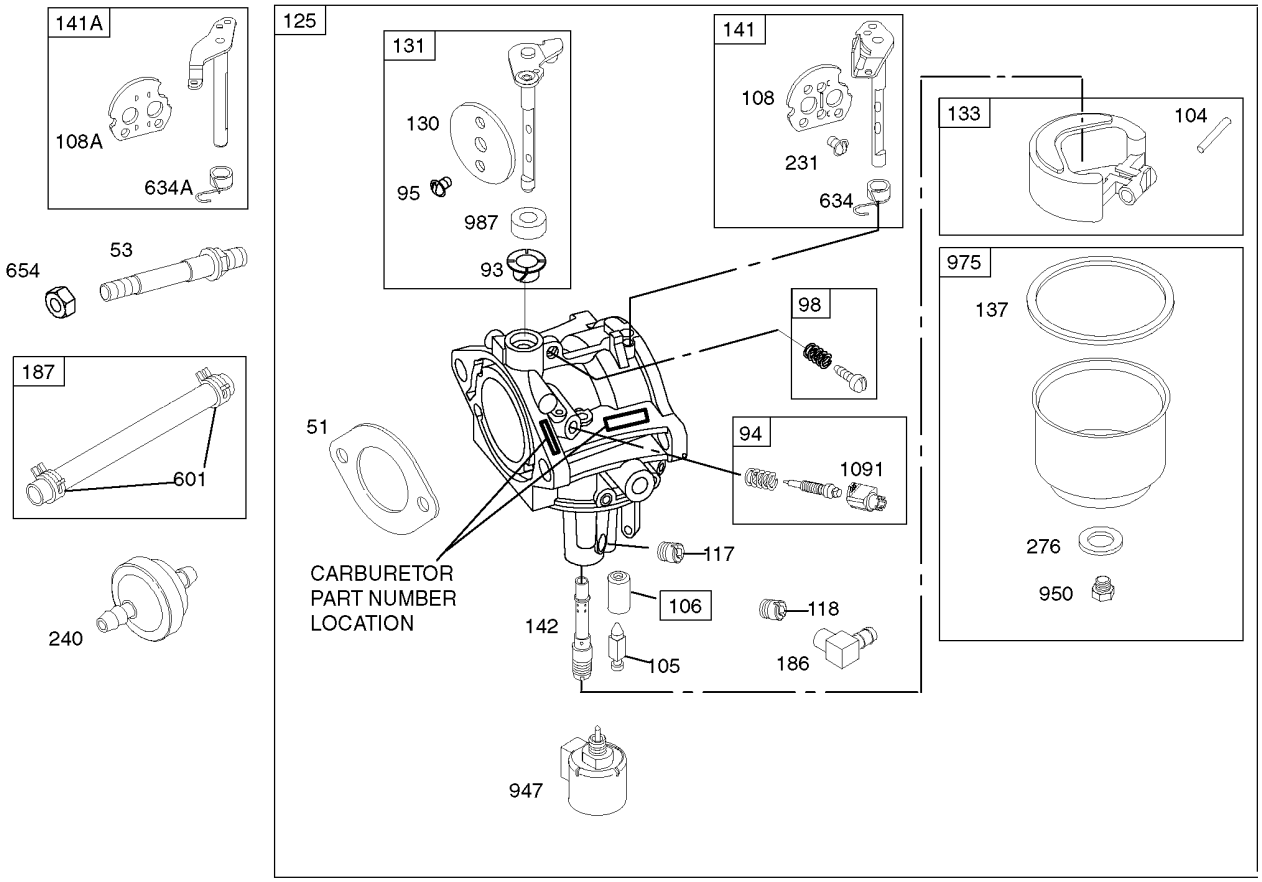
Ref	Part No.	Qty.	Description
4	697188	1	Sump-Engine
❸12	697110	1	Gasket-Crankcase
15	690946	1	Plug-Oil Drain
❸20	690947	1	Seal-Oil (Pto Side)
22	692125	1	Screw
43	691968	1	Governor/oil Slinger
45	690564	1	Tappet-Valve
46	697139	1	Camshaft
89	690283	1	Plug-Oil
1032	491710	1	Ball-Oil Pump



Assemblies include all parts shown in frames.

Oil Filter, Tube and Pump Assembly
Briggs and Stratton 31F777-0123-E1

Ref	Part No.	Qty.	Description
523	697086	1	Dipstick
❸524	691032	1	Seal-Dipstick Tube
525	697085	1	Tube-Dipstick
750	691033	1	Screw-Hex.
❸842	691031	1	Seal-O Ring (Dipstick Tube)
847	697087	1	Dipstick/tube Assembly
❸943	690589	1	O-Ring Seal (Oil Pump Cover)
965	499613	1	Cover-Pump
1024	499054	1	Oil Pump
1027	492932	1	Filter-Oil

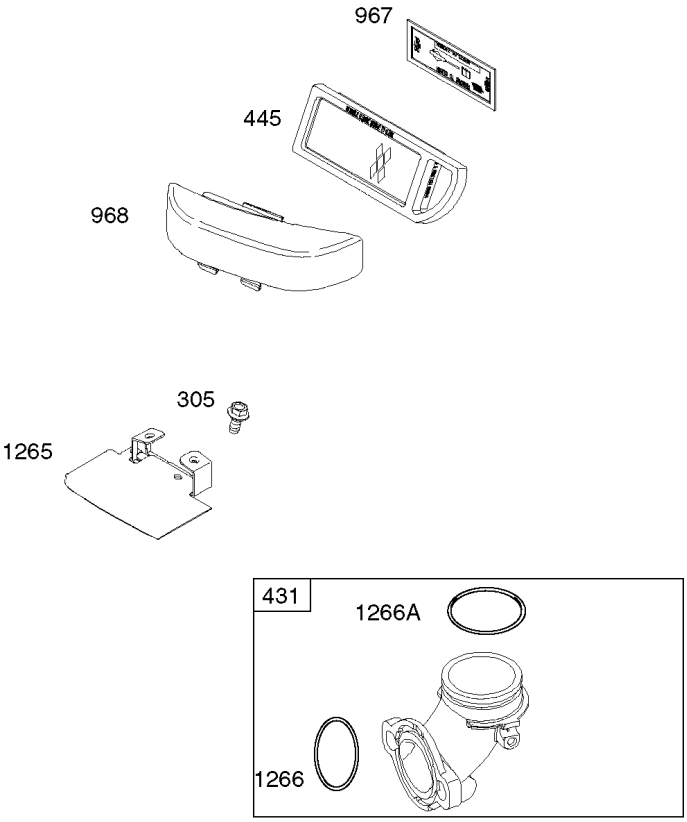


Assemblies include all parts shown in frames.

Carburetor Assembly
Briggs and Stratton 31F777-0123-E1

Ref	Part No.	Qty.	Description
❸❹51 ❺❻	692137	1	Gasket-Intake
53	690227	1	Stud (Carburetor)
❺93	690602	1	Bushing-Throttle Shaft
94	498030	1	Valve-Needle
❺95	691636	1	Screw (Choke Valve)
98	495800	1	Idle Speed Kit
❺104	690525	1	Float Hinge Pin
❺105	231855	1	Valve-Needle
❺106	690577	1	Inlet Seat
108	690464	1	Valve-Choke (Manual Choke)
108A	692344	1	Choke Valve (Manual Choke)
❺117	694352	1	Jet-Main (Standard)
118	697228	1	Jet-Main (High Altitude)
125	697190	1	Carburetor
130	691750	1	Throttle Valve
131	494379	1	Shaft-Throttle
133	494381	1	Float-Carburetor
❺❻137	281165	1	Gasket-Bowl, Float
141	495097	1	Shaft-Choke
141A	495931	1	Shaft-Choke
❺142	697140	1	Nozzle-Carburetor
186	692317	1	Connector-Hose
187	691050	1	Fuel Line

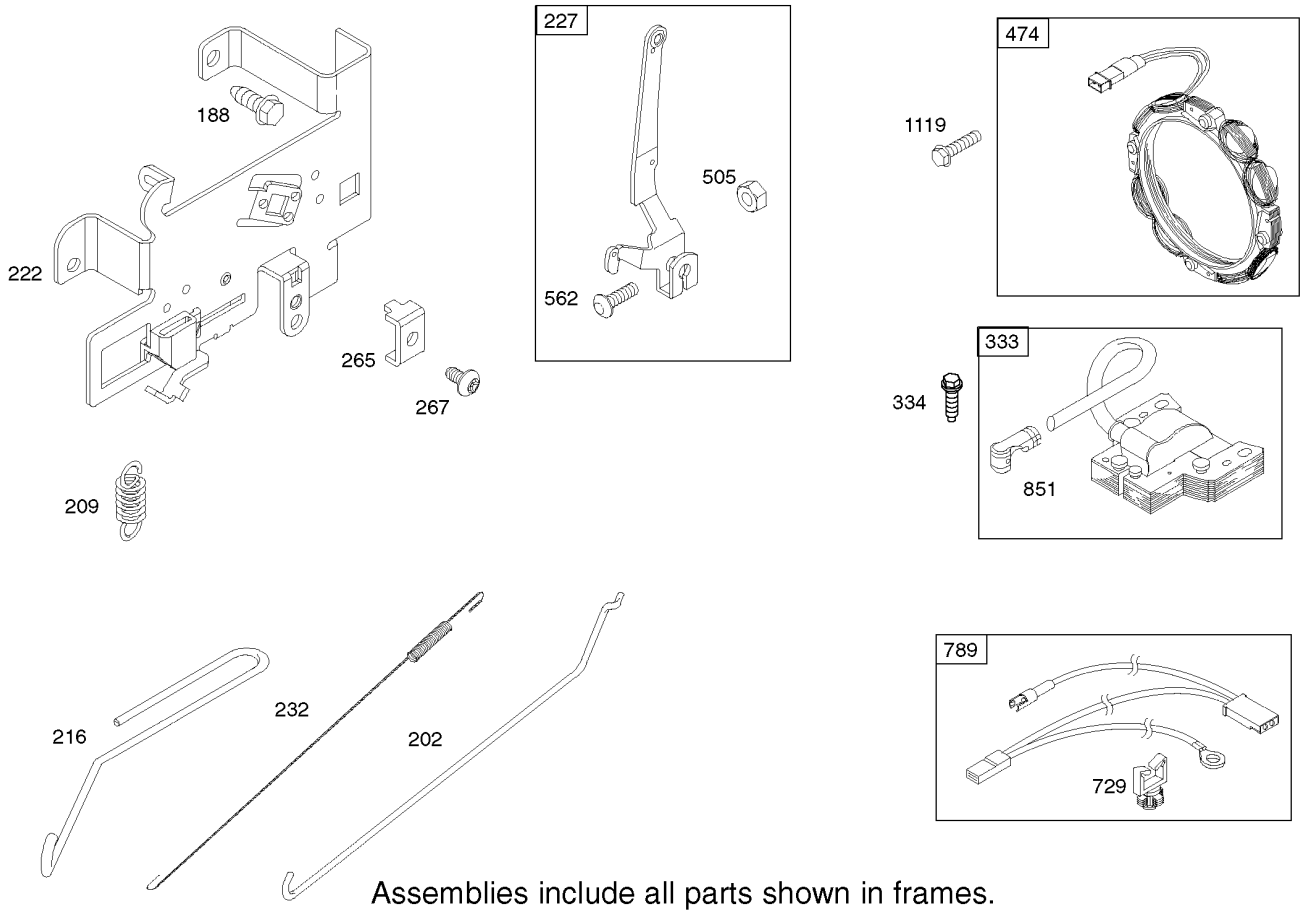
Ref	Part No.	Qty.	Description
❺231	691636	1	Screw (Choke Valve)
240	394358	1	Filter-Fuel
❺❻276	692255	1	Washer-Sealing
601	95162	1	Clamp-Hose
❺634	690801	1	Spring/seal Assembly
❺634A	690802	1	Spring/seal Assembly
654	690958	1	Nut (Carburetor)
947	694393	1	Solenoid-Fuel
950	691657	1	Float Bowl Screw
975	495933	1	Bowl-Float
❺987	691326	1	Seal-Throttle Shaft
1091	691333	1	Cap-Limiter (Control Bracket)



Assemblies include all parts shown in frames.

Air Cleaner Assembly
Briggs and Stratton 31F777-0123-E1

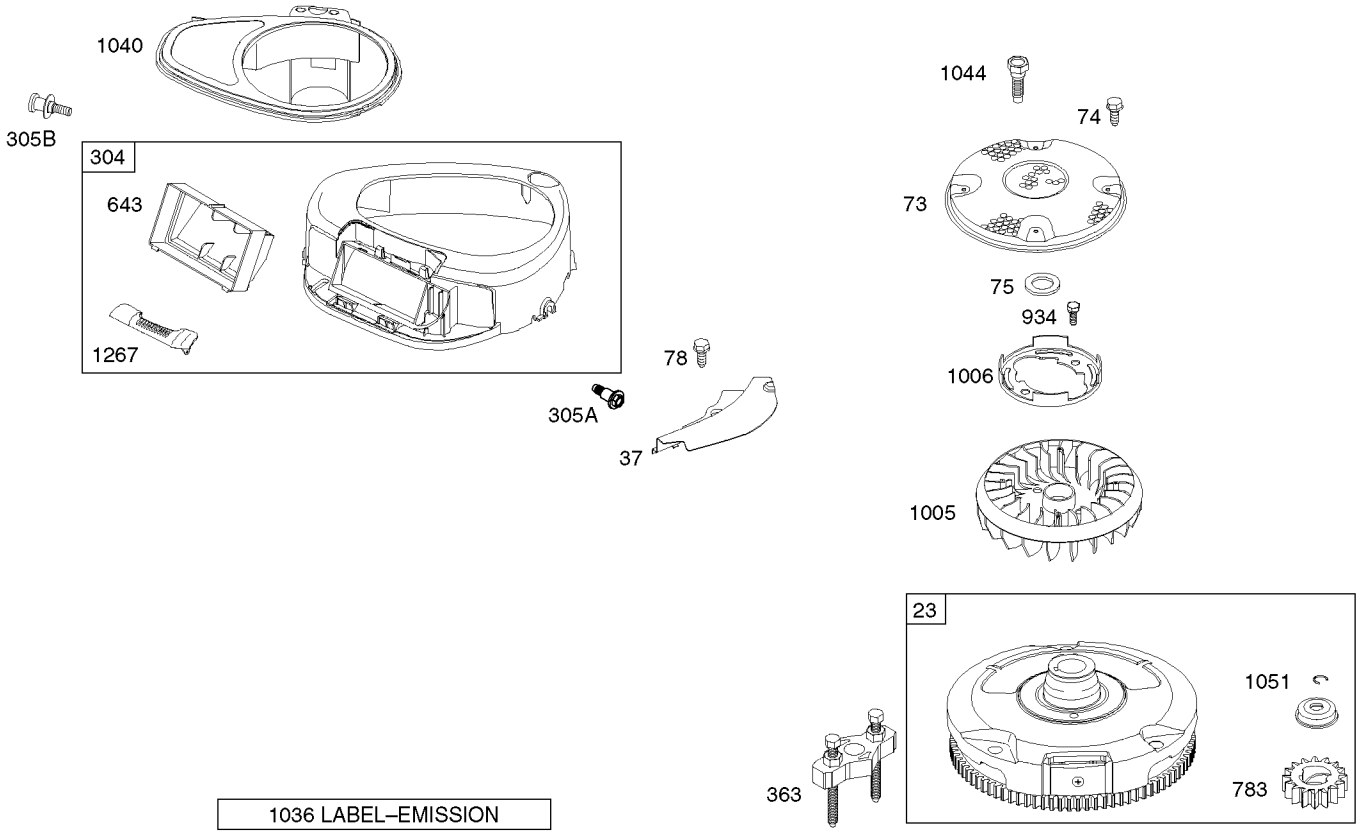
Ref	Part No.	Qty.	Description
305	690960	1	Screw (Rocker Cover)
431	697122	1	Elbow-Intake
445	697014	1	Filter-Air Cleaner Cartridge
967	697015	1	Filter-Pre Cleaner
968	697084	1	Cover-Air Cleaner
1265	697125	1	Support-Blower Housing
❸1266	691917	1	Seal-O Ring (Intake-elbow)
❸1266A	697123	1	Seal-O Ring (Intake Elbow)



Assemblies include all parts shown in frames.

Governor Assembly
Briggs and Stratton 31F777-0123-E1

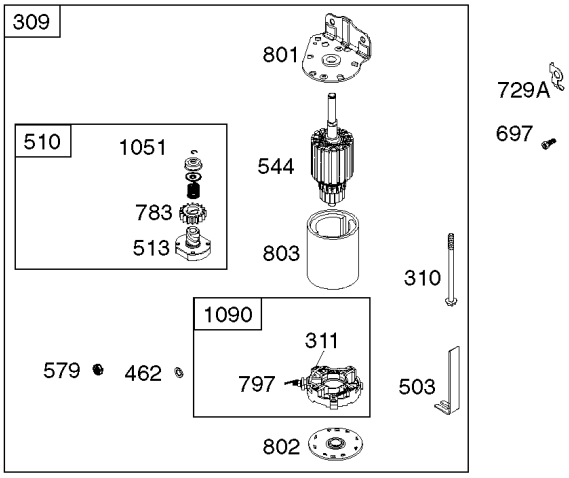
Ref	Part No.	Qty.	Description
188	691693	1	Screw (Control Bracket)
202	691841	1	Link-Mechanical Governor
209	692208	1	Spring-Governor
216	691840	1	Link-Choke
222	694042	1	Bracket-Control
227	691374	1	Lever-Governor Control
232	691842	1	Spring-Governor Link
265	691024	1	Clamp-Casing
267	695134	1	Screw (Casing Clamp)
333	492341	1	Armature-Magneto
334	691061	1	Screw (Magneto Armature)
474	696459	1	Alternator
505	691251	1	Nut (Governor Control Lever)
562	691119	1	Bolt (Governor Control Lever)
729	691335	1	Clip-Wire
789	692037	1	Harness-Wiring
851	493880	1	Terminal-Spark Plug
1119	691183	1	Screw (Alternator)

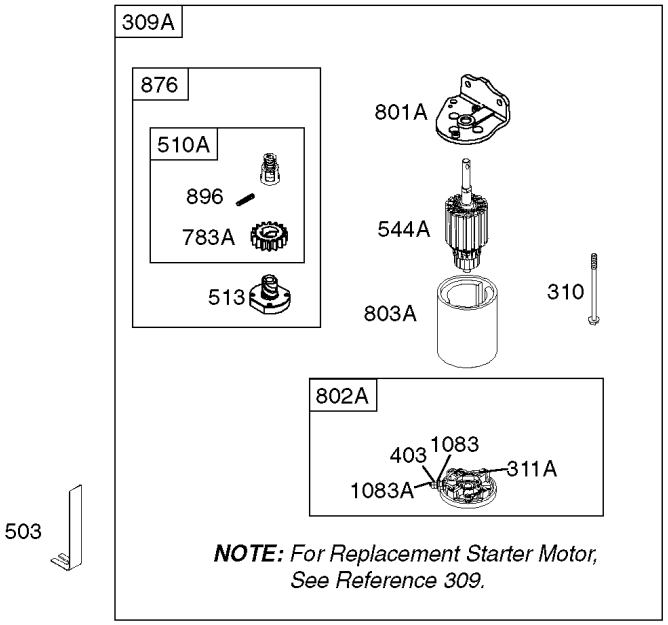


Assemblies include all parts shown in frames.

Blower Housing Assembly
Briggs and Stratton 31F777-0123-E1

Ref	Part No.	Qty.	Description
23	693557	1	Flywheel
37	697108	1	Guard-Flywheel
73	697133	1	Screen-Rotating
74	690661	1	Screw(Muffler Guard)
75	690582	1	Washer (Flywheel)
78	690661	1	Screw(Muffler Guard)
304	697137	1	Housing-Blower
305A	697102	1	Screw (Blower Housing)
305B	697103	1	Screw (Blower Housing)
363	19203	1	Puller-Flywheel
643	697155	1	Retainer-Air Filter
783	693713	1	Gear-Pinion
934	691058	1	Screw (Fan Retainer)
1005	697111	1	Fan-Flywheel
1006	690452	1	Fan Retainer
1036	695700	1	Label-Emissions
1040	697142	1	Plate-Trim
1044	691658	1	Screw (Flywheel)
1051	691265	1	Ring-Retaining
1267	697135	1	Latch-Blower Housing

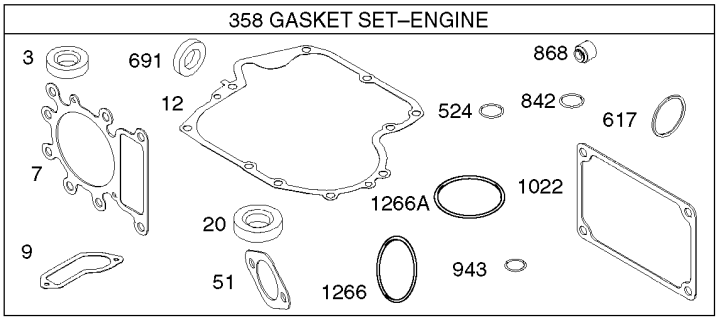


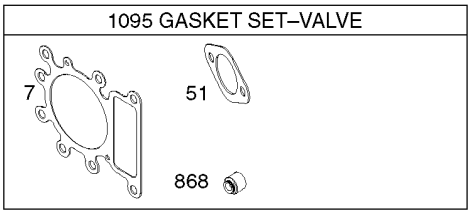


Starter Assembly
Briggs and Stratton 31F777-0123-E1

Ref	Part No.	Qty.	Description
309	693551	1	Motor-Starter
309A		1	Motor-Starter (For Replacement Starter Motor, See Ref. 309)
310	690323	1	Bolt (Starter Motor)
311	497608	1	Brush Set
311A	395538	1	Brush Assy.
403	690288	1	Washer (End Cap)
462	691261	1	Washer (Brush Retainer)
503	691532	1	Strap-Starter
510	693699	1	Drive-Starter
510A	495878	1	Drive-Starter
513	692024	1	Drive Clutch
544	692034	1	Armature-Starter
544A	390837	1	Armature Assy.
579	691029	1	Nut (Brush Retainer)
697	690372	1	Screw (Drive Cap)
729A	691224	1	Clip-Wire
783	693713	1	Gear-Pinion
783A	693059	1	Gear-Pinion
797	693167	1	Nut (Brush Retainer)
801	691283	1	Cap-Drive
801A	691429	1	Cap-Drive
802	691286	1	Cap-End
802A	395537	1	Cap-End

Ref	Part No.	Qty.	Description
803	693757	1	Housing-Starter
803A	398159	1	Housing Assy.
876	495877	1	Gear Kit
896	691641	1	Pin-Drive Retainer
1051	691265	1	Ring-Retaining
1090	691293	1	Brush Retainer
1083	690958	1	Nut (Carburetor)
1083A	691626	1	Nut (End Cap)

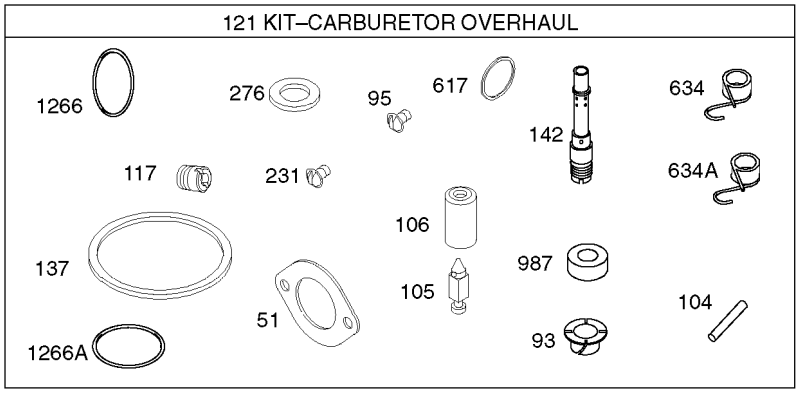


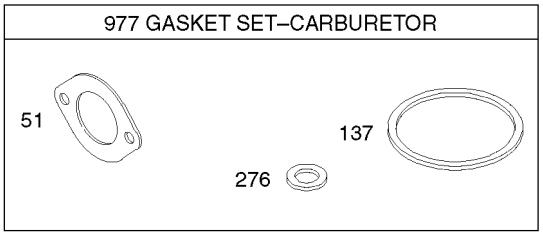


Assemblies include all parts shown in frames.

Gasket Assembly
Briggs and Stratton 31F777-0123-E1

Ref	Part No.	Qty.	Description
❸3	391086	1	Seal-Oil (Magneto Side)
❸❹7	692410	1	Cylinder Head Gasket
❸9	697109	1	Gasket-Breather
❸12	697110	0	Gasket-Crankcase
❸20	690947	1	Seal-Oil (Pto Side)
❸❹51	692137	1	Gasket-Intake
❺❻ 358	697191	1	Gasket Set-Engine
❸❺617	692138	1	Seal-O Ring (Intake Manifold)
❸524	691032	1	Seal-Dipstick Tube
❸691	692407	1	Seal-Governor Shaft
❸842	691031	1	Seal-O Ring (Dipstick Tube)
❸❺868	690968	1	Seal-Valve
❸943	690589	1	O-Ring Seal (Oil Pump Cover)
❸1022	272475	1	Gasket-Rocker Cover
1095	691581	1	Gasket Set-Valve
❸❺1266	691917	1	Seal-O Ring (Intake-elbow)
❸❺1266A	697123	1	Seal-O Ring (Intake Elbow)

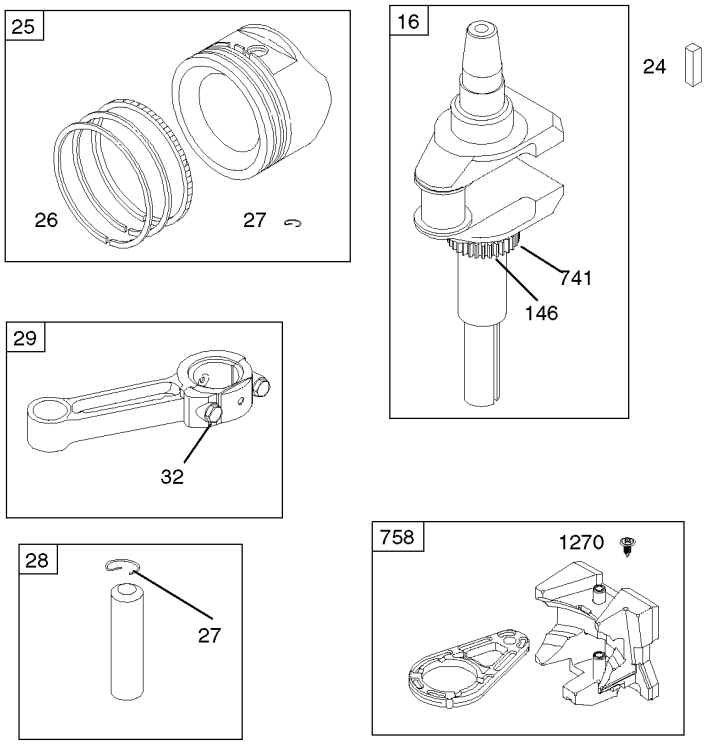




Assemblies include all parts shown in frames.

Carburetor Overhaul Kit Assembly
Briggs and Stratton 31F777-0123-E1

Ref	Part No.	Qty.	Description
❸❹51 ❺❻	692137	1	Gasket-Intake
❺93	690602	1	Bushing-Throttle Shaft
❺95	691636	1	Screw (Choke Valve)
❺104	690525	1	Float Hinge Pin
❺105	231855	1	Valve-Needle
❺106	690577	1	Inlet Seat
❺117	694352	1	Jet-Main (Standard)
121	697241	1	Kit-Carburetor Overhaul
❺❻137	281165	1	Gasket-Bowl, Float
❺142	697140	1	Nozzle-Carburetor
❺231	691636	1	Screw (Choke Valve)
❺❻276	692255	1	Washer-Sealing
❸❺617	692138	1	Seal-O Ring (Intake Manifold)
❺634	690801	1	Spring/seal Assembly
❺634A	690802	1	Spring/seal Assembly
977	690192	1	Carburetor Gasket Set
❺987	691326	1	Seal-Throttle Shaft
❸❺1266	691917	1	Seal-O Ring (Intake-elbow)
❸❺1266A	697123	1	Seal-O Ring (Intake Elbow)



Assemblies include all parts shown in frames.

Crankshaft Assembly
Briggs and Stratton 31F777-0123-E1

Ref	Part No.	Qty.	Description
16	697127	1	Crankshaft
24	222698	1	Key-Flywheel
25	697159	1	Piston Assembly (Standard)
	697160	1	Piston Assembly (.010" Oversize)
	697162	1	Piston Assembly (.020" Oversize)
	697163	1	Piston Assembly (.030" Oversize)
26	697164	1	Ring Set (Standard)
	697165	1	Ring Set (.010" Oversize)
	697171	1	Ring Set (.020" Oversize)
	697172	1	Ring Set (.030" Oversize)
27	697199	1	Lock-Piston Pin
28	697099	1	Pin-Piston (Standard)
29	697126	1	Rod-Connecting (Standard)
	697264	1	Rod-Connecting (.020" Undersize)
32	692852	1	Screw (Connecting Rod)
146	690979	1	Timing Key
741	697128	1	Gear-Timing
758	697134	1	Counterweight
1270	697156	1	Plug-Avs Counterweight

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