



14-38HXLE

Wheel Horse® Lawn Tractor

Model No. 71245-230000001 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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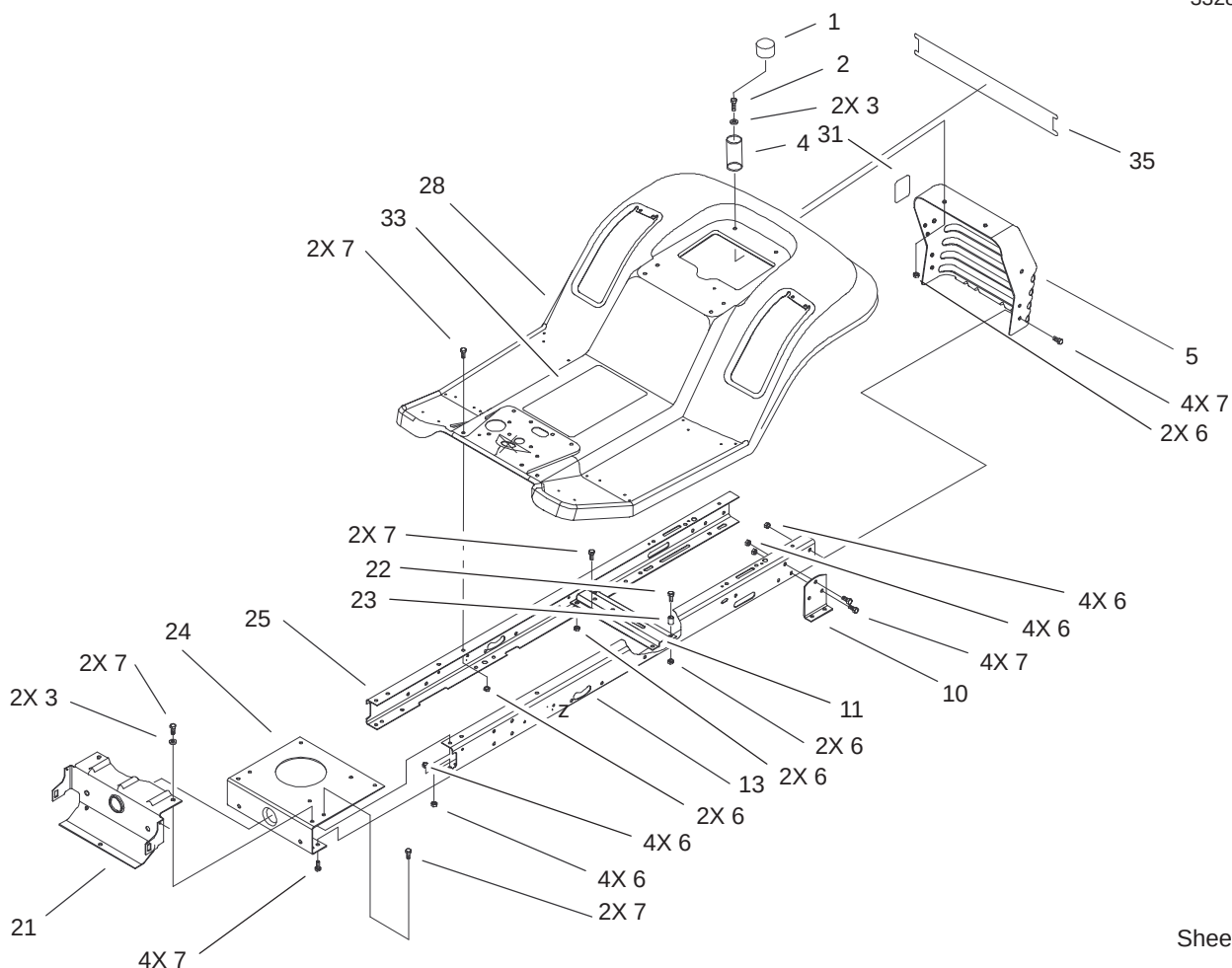
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Part Description Abbreviations

Part descriptions in this catalog may include the following abbreviations.

Abbreviation	Meaning
AR	as required
ASM	assembly
CARR	carriage
DEG	degrees
FH	flat head
GA	gauge
HF	hex flange
HH	hex head
HHF	hex head flange
HLH	hex lag head
HJ	hex jam
HOC	height-of-cut
HS	hex socket
HSBH	hex socket button head
HSFH	hex socket flat head
HSH	hex socket head
HWH	hex washer head
HWHTF	hex washer head thread forming

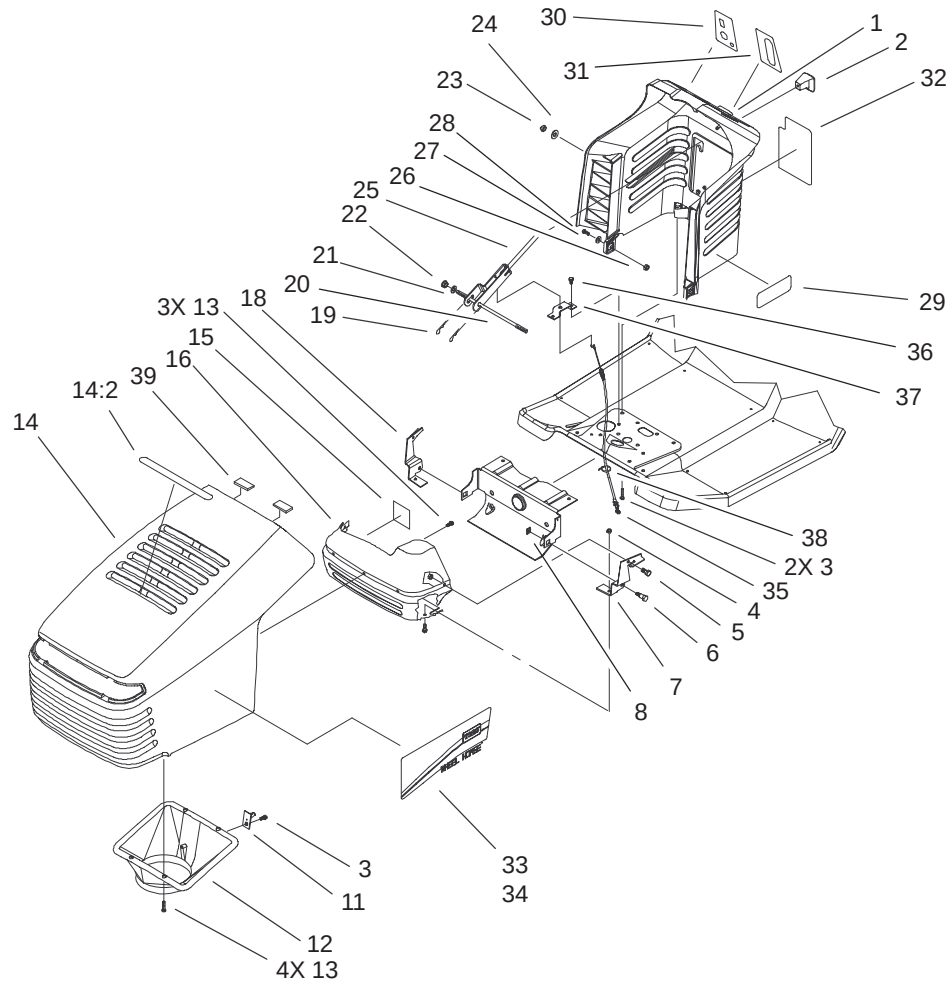
Abbreviation	Meaning
HYD	hydraulic
INC	incorporated
LH	left hand
NI	nylon insert
PPH	Phillips pan head
PTH	Phillips truss head
PTO	power take off
RH	right hand
SFH	slotted fillister head
SHH	slotted hex head
SQH	square head
SHWH	slotted hex washer head
SPH	slotted pan head
SRH	slotted round head
STD	standard
TAP	self tapping
TTH	Torx truss head
WH	wing head



Sheet No.:2

Frame and Body Assembly

Ref. No.	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
10	88-5260-03	2	Bracket—Transaxle, Mounting
11	88-4620-03	1	Bracket—Idler, Pivot
13	99-2958-03	1	Rail—Frame, LH
21	98-3575-03	1	Support—Front, Axle
22	322-13	2	Screw—HH
23	88-5470	2	Spacer—Front, Axle
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	93-6676	1	Decal—Instruction
35	105-2498	1	Decal—Rear

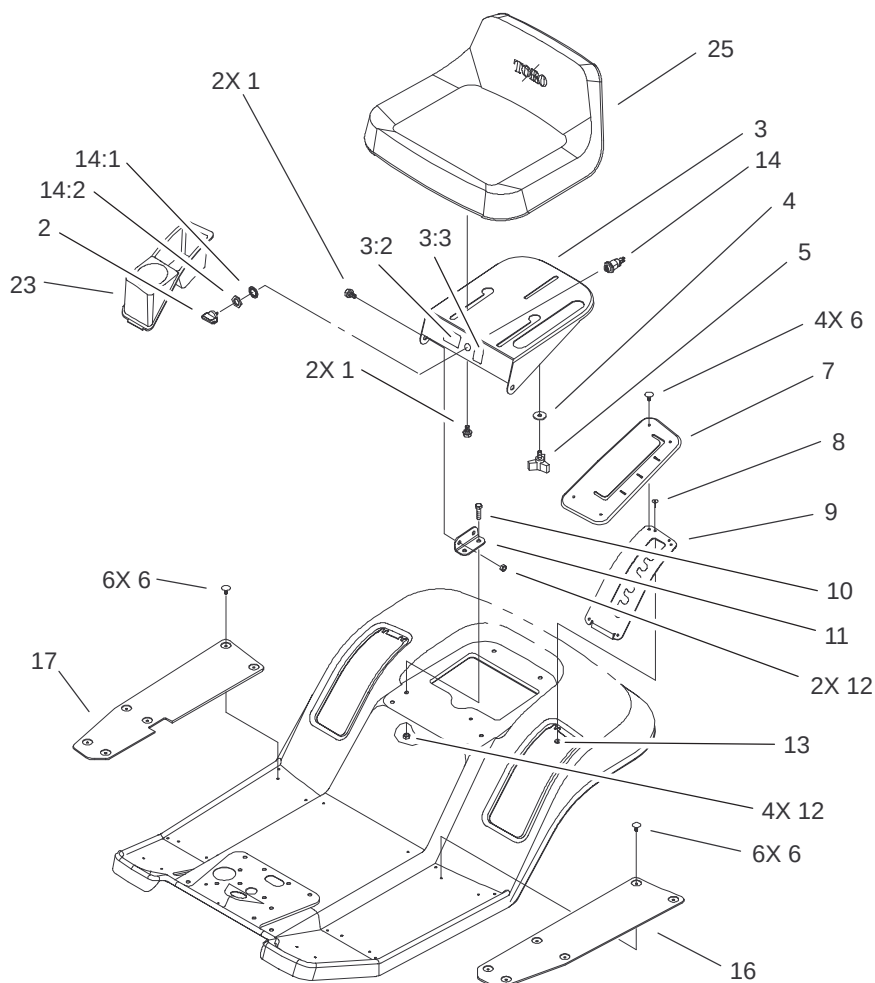


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Hood and Tower Assembly

Ref. No.	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-Hood Air
13	46-8090	7	Screw-Plastite
14	93-3819	1	Hood-W/Decal, Toro
14:2	92-5748	1	Decal-Air Duct, Toro
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
27	3256-23	2	Washer-Flat
28	322-3	2	Screw-HH

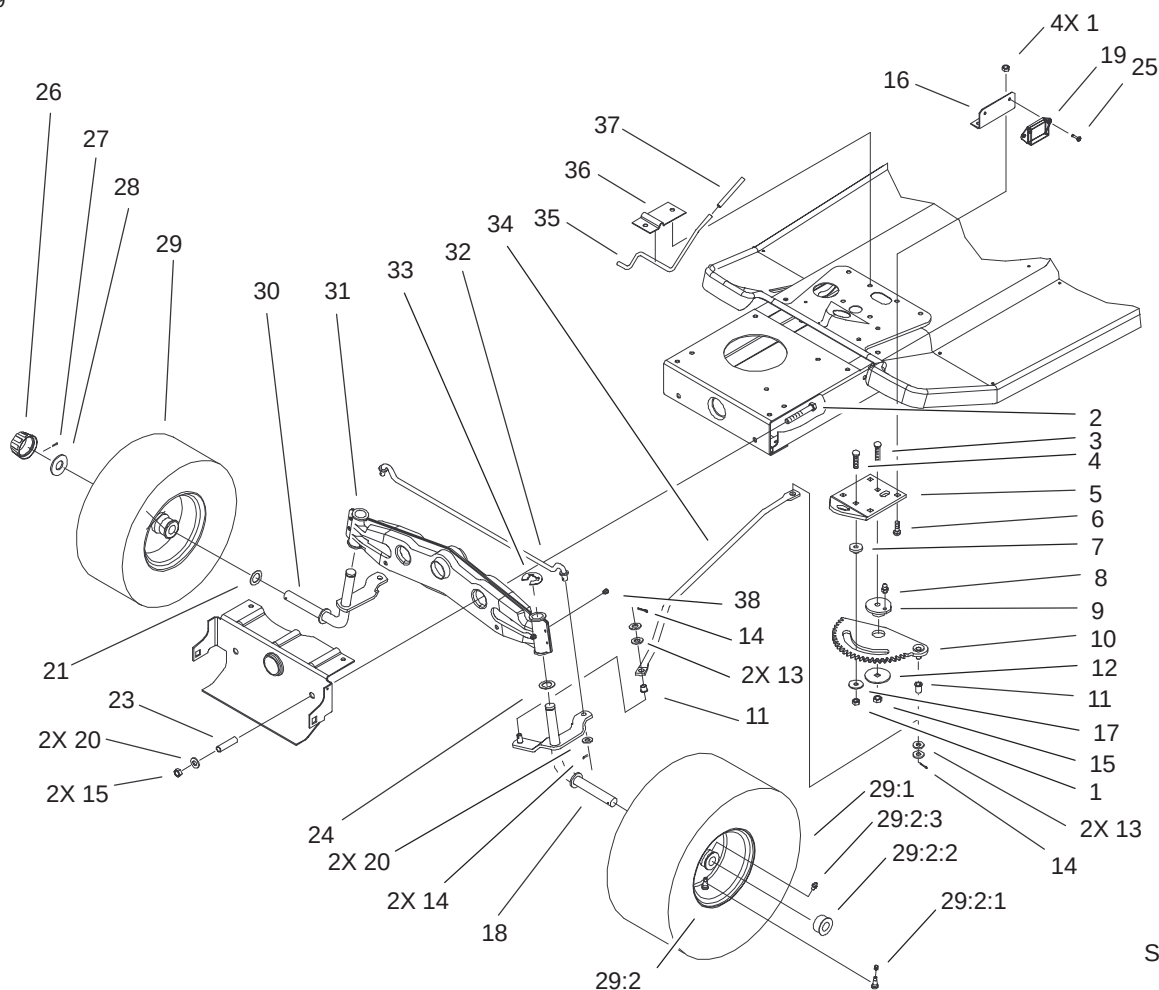
Ref. No.	Part No.	Qty.	Description
29	106-6418	2	Decal-Tower 1438
30	99-8142	1	Decal-Ignition
31	92-5730	1	Decal-Throttle
32	93-6673	1	Decal-Deck, Engage
33	105-2497	1	Decal-Hood, LH
34	105-2496	1	Decal-Hood, RH
35	99-6837	1	Deck Cable ASM
36	9266714	2	Screw-HWH
37	93-3849	1	Bracket-Upper, Cable
38	614249	1	Strap-Tie
39	94-1980	2	Foam-Hood



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Rear Body and Seat Assembly

Ref. No.	Part No.	Qty.	Description
1	37-8770	4	Bolt-Shoulder
2	63-8360	1	Key-Ignition
3	99-5831	1	Seat Support ASM
3:2	99-2986	1	Decal-Danger
3:3	99-5340	1	Decal-Switch
4	5-4460	1	Washer-Pivot
5	92-9674	1	Knob
6	3290-479	16	Fastener-Panel
7	93-7657	1	Cover-HOC
8	3290-282	2	Rivet-Pop, Steel
9	88-5030-03	1	Gate-HOC
10	322-3	4	Screw-HH
11	88-4820-03	2	Bracket-Seat, Hinge
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 Hydro
23	88-4990	1	Tray-Fender
25	88-3950	1	Seat-Medium Back



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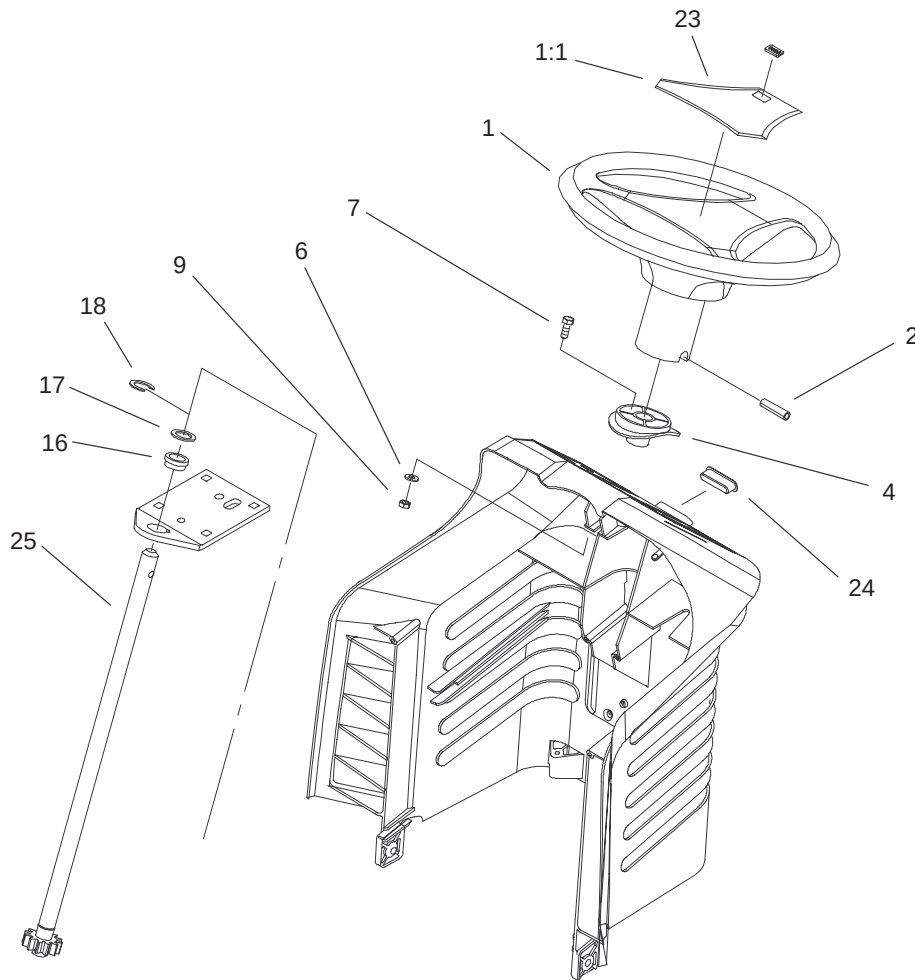
Steering Assembly

Ref. No.	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-Steering Rack
6	3230-2	4	Bolt-CARR
7	88-5010	1	Spacer-Steering, Rack
8	302-26	1	Fitting-Grease
9	88-4670	1	Bushing-Eccentric
10	88-5200	1	Rack-Steering
11	52-2891	2	Bushing-Link, Steering
12	111419	1	Washer-Bearing
13	3256-25	4	Washer-Flat
14	3272-10	4	Pin-Cotter
15	3296-39	3	Nut-Lock, NI
16	99-2956-03	1	Bracket-Module
17	5-4460	1	Washer-Pivot
18	92-7890-03	1	Spindle-LH
19	99-3700	1	Module
20	3256-24	4	Washer-Flat
21	3-6498	4	Washer-Thrust
23	88-5470	2	Spacer-Front, Axle
24	3-6498	2	Washer-Thrust

Ref. No.	Part No.	Qty.	Description
25	9266714	2	Screw-HWH
26	61-9780	2	Cap-Hub
27	3272-12	2	Pin-Cotter
28	28-2480	2	Washer
☆29		2	Front Wheel&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
*	232-39	1	Tube
30	92-7889-03	1	Spindle-RH
31	99-6844-03	1	Axle-Front
32	88-5380	1	Tie Rod-Steering
33	32151-48	2	E-Ring
34	88-4830	1	Link-Drag
35	88-5510	1	Rod-Parking, Brake
36	88-5520-03	1	Bracket-Parking, Brake
37	88-0890	1	Grip-Bag, Handle
38	302-5	2	Fitting-Grease

☆ Not serviced separately

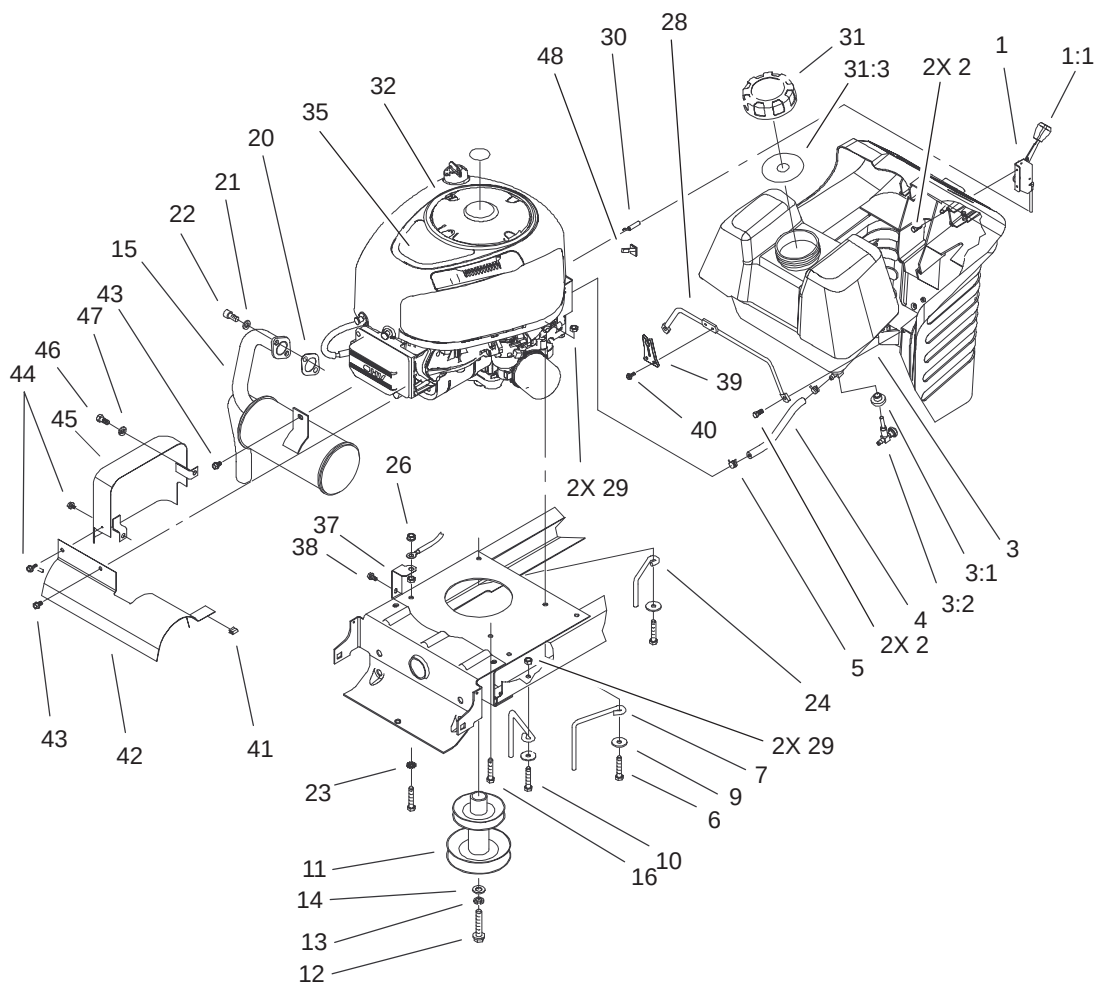
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Fixed Steering Assembly

Ref. No.	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-Toro
24	88-4150	1	Plug
25	88-6380	1	Shaft-Long, Steering



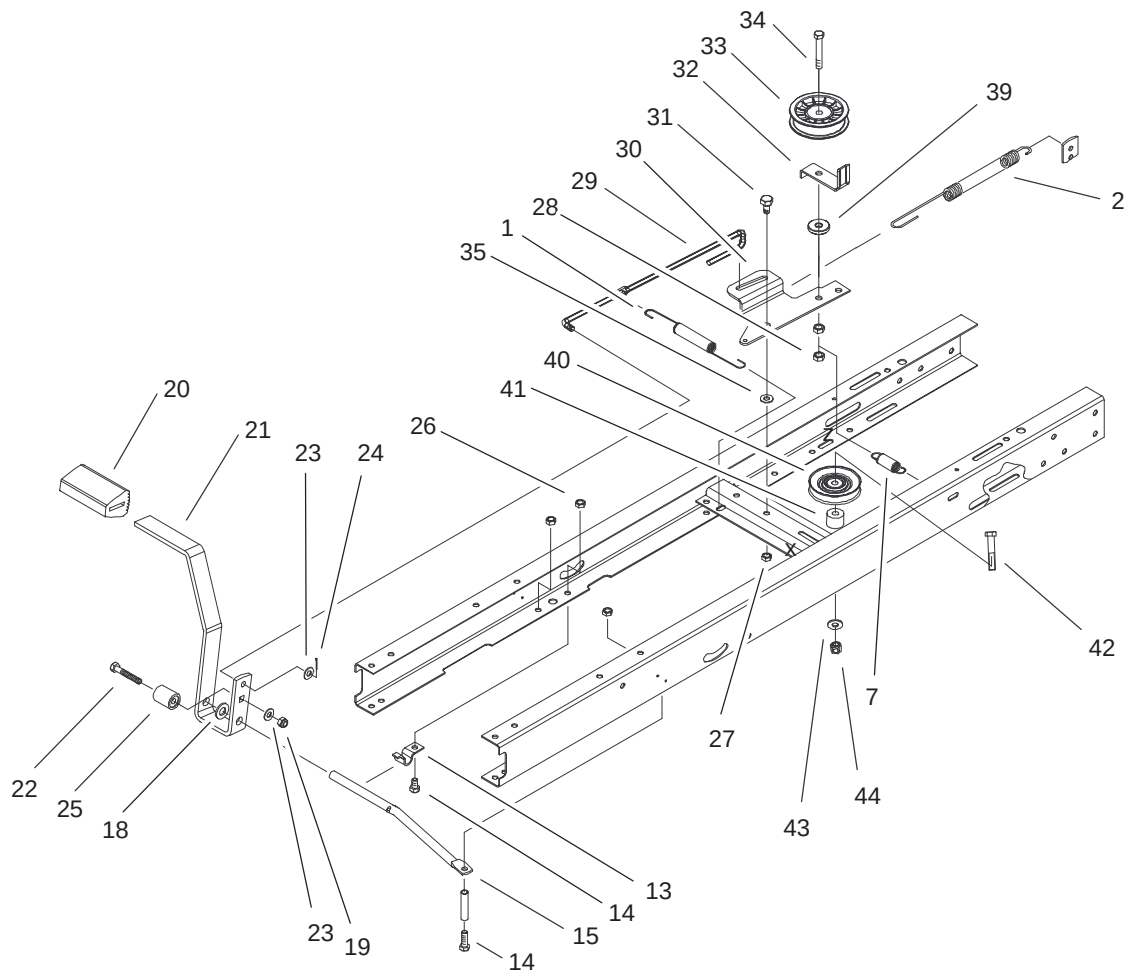
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Engine Assembly

Ref. No.	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	94-1963	1	Pulley-Engine ASM
12	62-3760	1	Screw-HH
13	3253-22	1	Washer-Lock
14	3256-25	1	Washer-Flat
15	94-1953	1	Muffler-Exhaust
16	9267154	1	Screw
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
26	32149-1	2	Nut
28	94-1952	1	Rod-Gas, Tank
29	3296-29	4	Nut-Lock, NI

Ref. No.	Part No.	Qty.	Description
30	88-4350	1	Cable-Throttle
31	88-3980	1	Gas Cap ASM
31:3	88-4010	1	Gasket-Cap, Gas
☆32		1	Engine-14.5 Ohv Briggs And Stratton Model No. 280ho7-0160-E1
35	106-2184	1	Decal - Engine 14.5
37	93-3809	1	Bracket-Ground
38	9266714	1	Screw-HWH
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
43	9266714	2	Screw-HWH
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
48	88-4490	1	Reducer-Throttle, Rpm

☆ Not serviced separately



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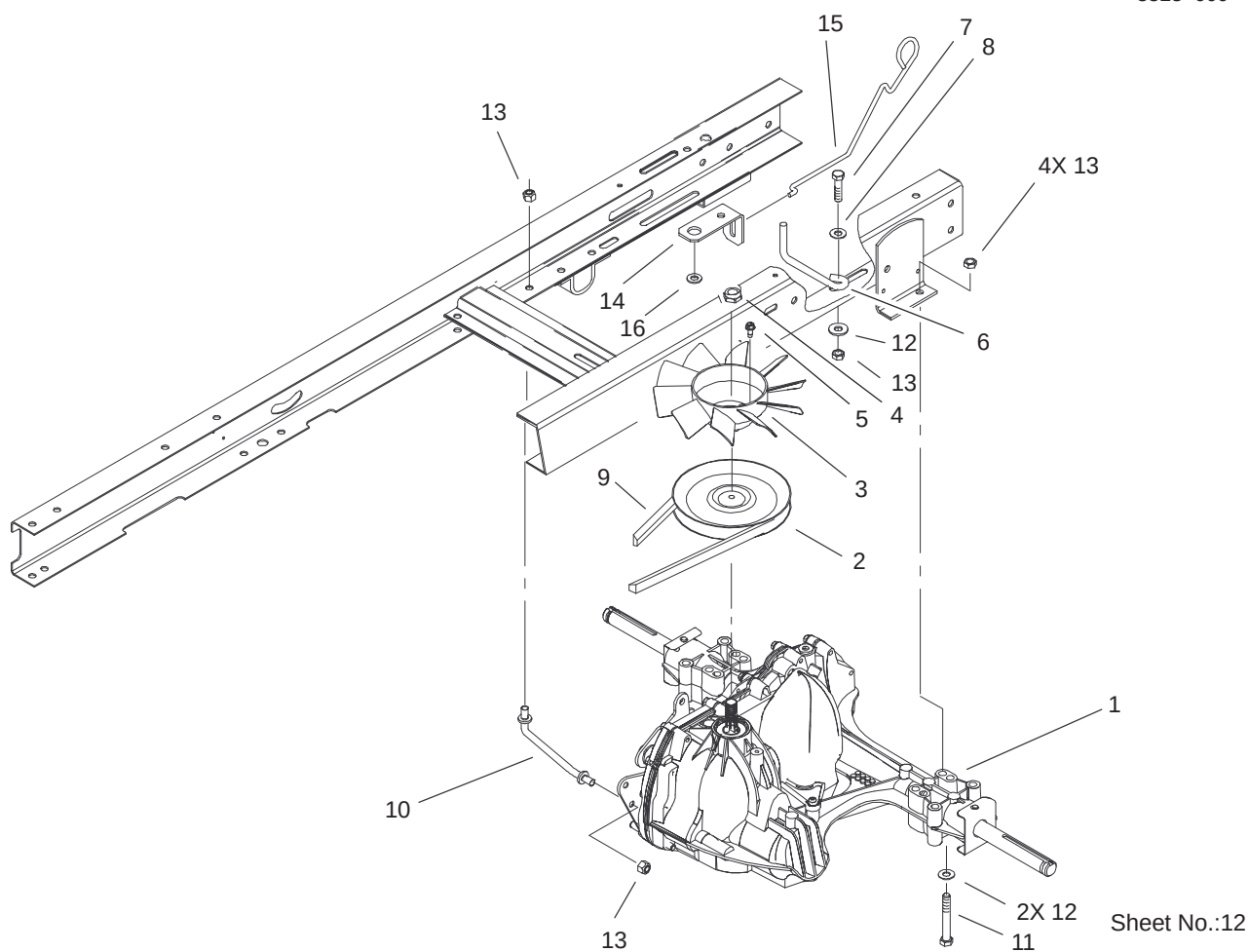
Traction Clutching Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	27-8890	1	Spring-Return	41	92-5791	1	Spacer
2	100-7422	1	Spring-Brake	42	323-10	1	Screw-HH
7	88-6330	1	Spring-Extension	43	3256-3	1	Washer-Flat
13	88-4810	1	Clamp-Shift, Pivot	44	3296-39	1	Nut-Lock, NI
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	2	Nut-Lock, NI				
27	3296-29	1	Nut-Lock, NI				
28	3296-59	2	Nut-Lock, NI				
29	88-5270	1	Rod-Clutch/Brake				
30	88-6070	1	Arm-Idler				
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				
39	92-4890	1	Washer-Wheel				
40	92-7102	1	Pulley-Idler				

Ref. No.	Part No.	Qty.	Description
☆9		2	Rear Wheel & Tire ASM
9:1	99-2996	1	Tire
9:2	88-4390	1	Rim ASM
9:2:1	232-27	1	Stem-Valve
*	232-41	1	Tube
10	3-6498	2	Washer-Thrust
11	7-0036	2	Key
12	28-2480	4	Washer
13	32151-48	2	E-Ring
14	61-9780	2	Cap-Hub
23	104-4161	2	Spacer-Wheel

Ref. No.	Part No.	Qty.	Description

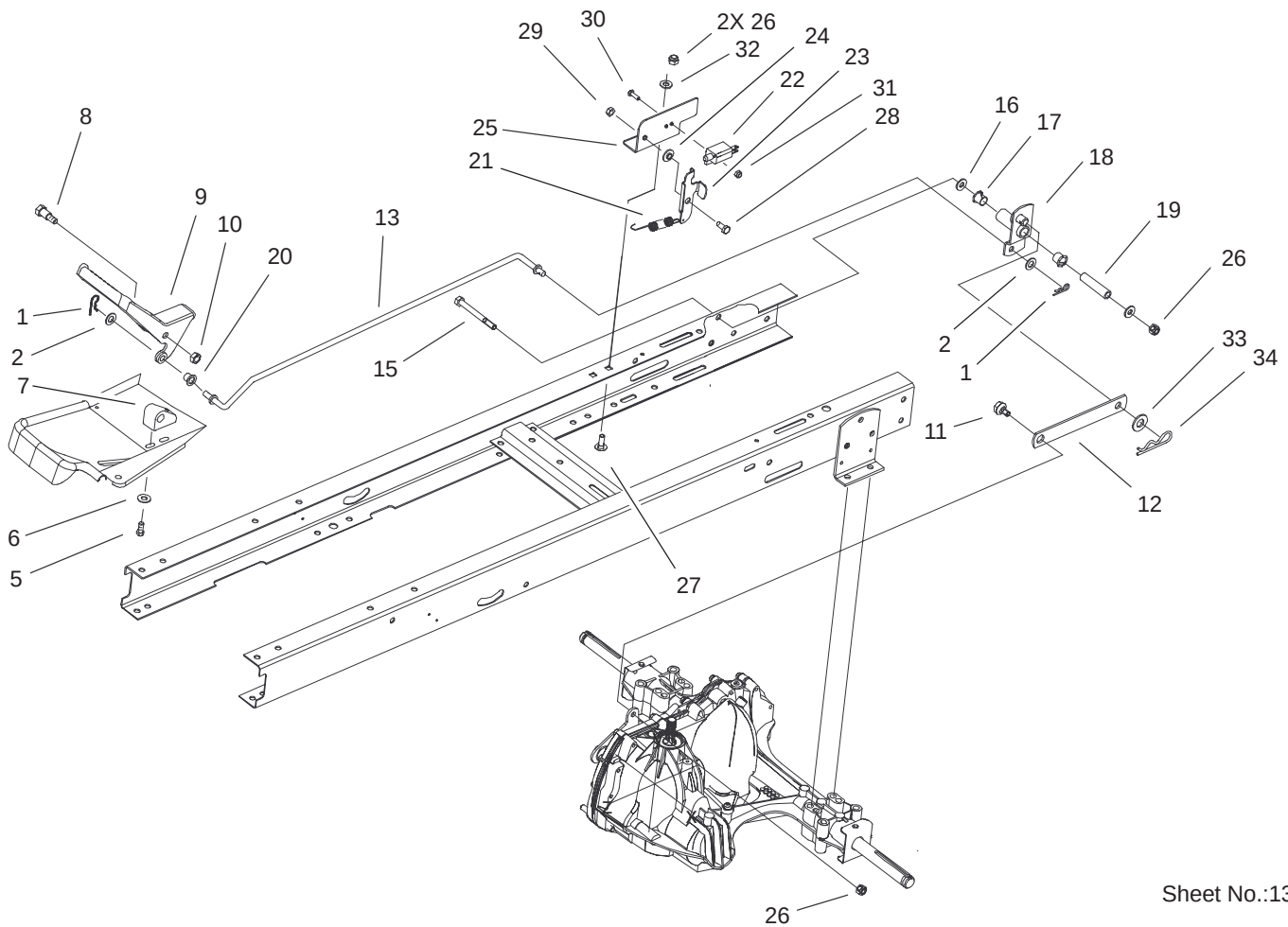
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Hydro Transaxle Assembly

Ref. No.	Part No.	Qty.	Description
1	104-1760	1	Transaxle ASM
2	104-1754	1	Pulley
3	104-2162	1	Fan
4	3296-28	1	Nut-Lock, NI
5	9134304	3	Screw
6	93-3868	1	Guide-Transmission, Belt
7	322-5	1	Screw-HH
8	5-4460	1	Washer-Pivot
9	88-6280	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

Ref. No.	Part No.	Qty.	Description

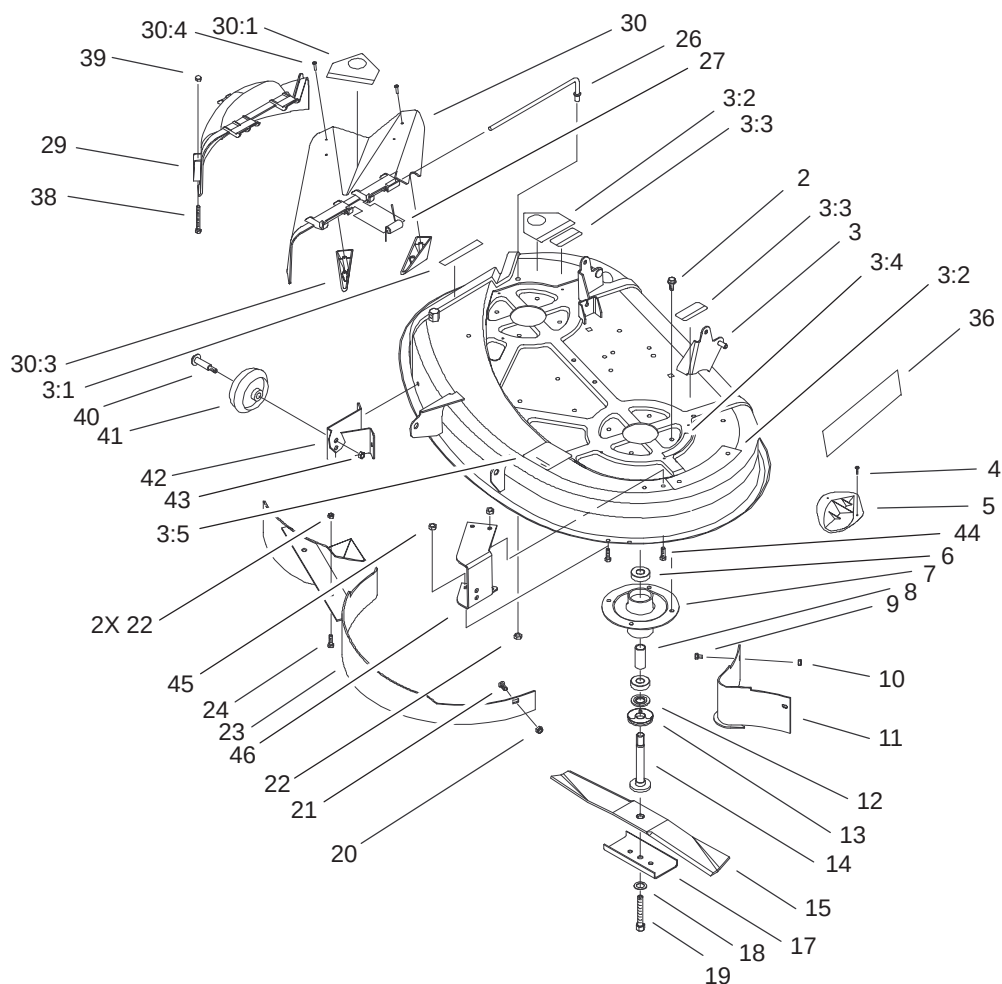


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Hydro Transaxle Control Assembly

Ref. No.	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	99-6833	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	Flange-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
28	99-6810	1	Screw-HH
29	3296-42	1	Nut-Lock, NI

Ref. No.	Part No.	Qty.	Description
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

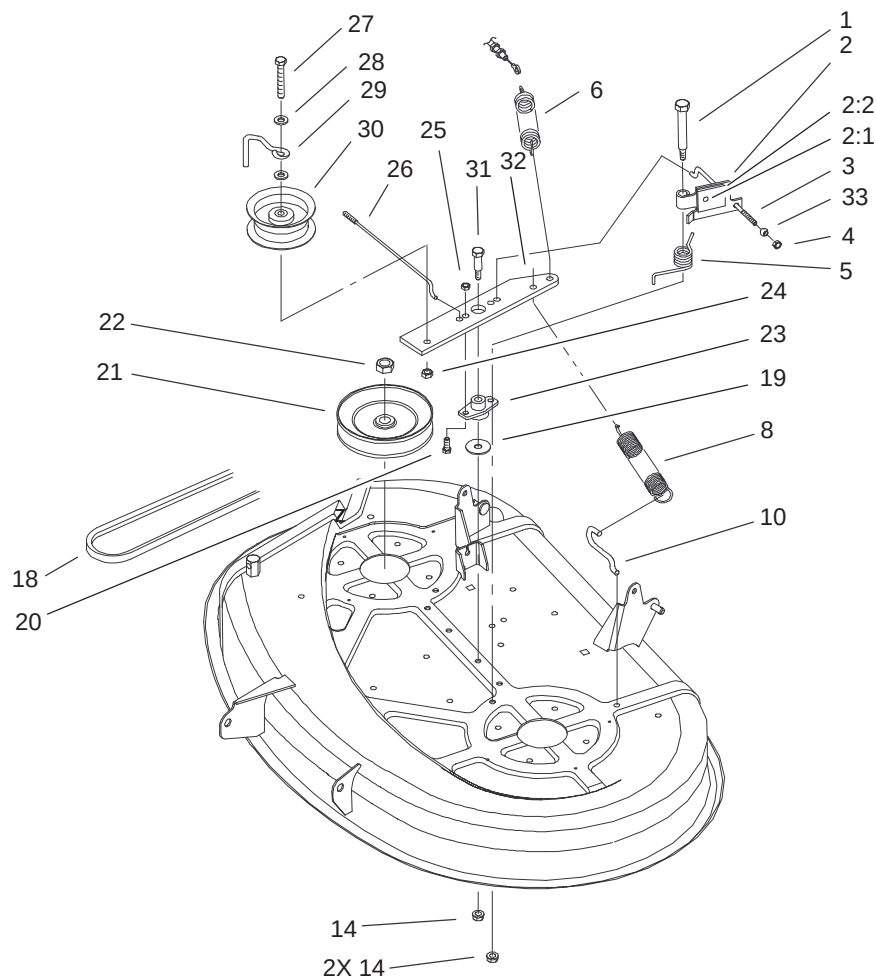


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38in Deck Assembly

Ref. No.	Part No.	Qty.	Description
2	32144-41	8	Screw-Taptite
3	99-5847	1	Deck ASM
3:1	93-7009	1	Decal-Danger
3:2	93-7010	2	Decal-Danger
3:3	93-6674	2	Decal-Warning
3:4	93-6677	1	Decal-Shield, Danger
3:5	93-6679	1	Decal-Routing, Belt
4	32144-111	8	Screw-PPH
5	76-2160	4	Plate-Kicker
6	100-1048	4	Bearing-Ball
7	88-4510	2	Spindle
8	62-3661	2	Spacer-Bearing
9	321-4	2	Screw-HH
10	3296-42	2	Nut-Lock, NI
11	79-1640-03	1	Baffle
12	80-4380	2	Spacer
13	80-4360	2	Shield-Bearing
14	80-4341	2	Spindle-Shaft
15	79-3061	2	Blade
17	80-0510-03	2	Stiffener-Blade
18	3290-465	2	Washer-Belleville
19	26-0671	2	Screw-Blade
20	3296-29	1	Nut-Lock, NI
21	3230-1	1	Bolt-CARR
22	3296-39	3	Nut-Lock, NI
23	79-1600-03	1	Baffle

Ref. No.	Part No.	Qty.	Description
24	323-5	2	Screw-HH
26	95-1661	1	Rod-Pivot
27	57-6950	1	Spring
29	88-4430	1	Recycler Cover
30	93-7695	1	Deflector ASM
30:1	93-7010	1	Decal-Danger
30:3	93-7696	2	Kicker
30:4	93-0231	4	Screw-PPH
36	106-6407	1	Decal-Recycler,38"
38	321-14	2	Screw-HH
39	32111-7	2	Nut-Cap
40	56-6591	2	Bolt-Wheel
41	701756	2	Wheel-Gage
42	88-5740-03	1	Bracket-Wheel, RH
43	3296-39	2	Nut-Lock, NI
44	322-3	6	Screw-HH
45	3296-29	6	Nut-Lock, NI
46	93-3896-03	1	Bracket-Wheel, LH

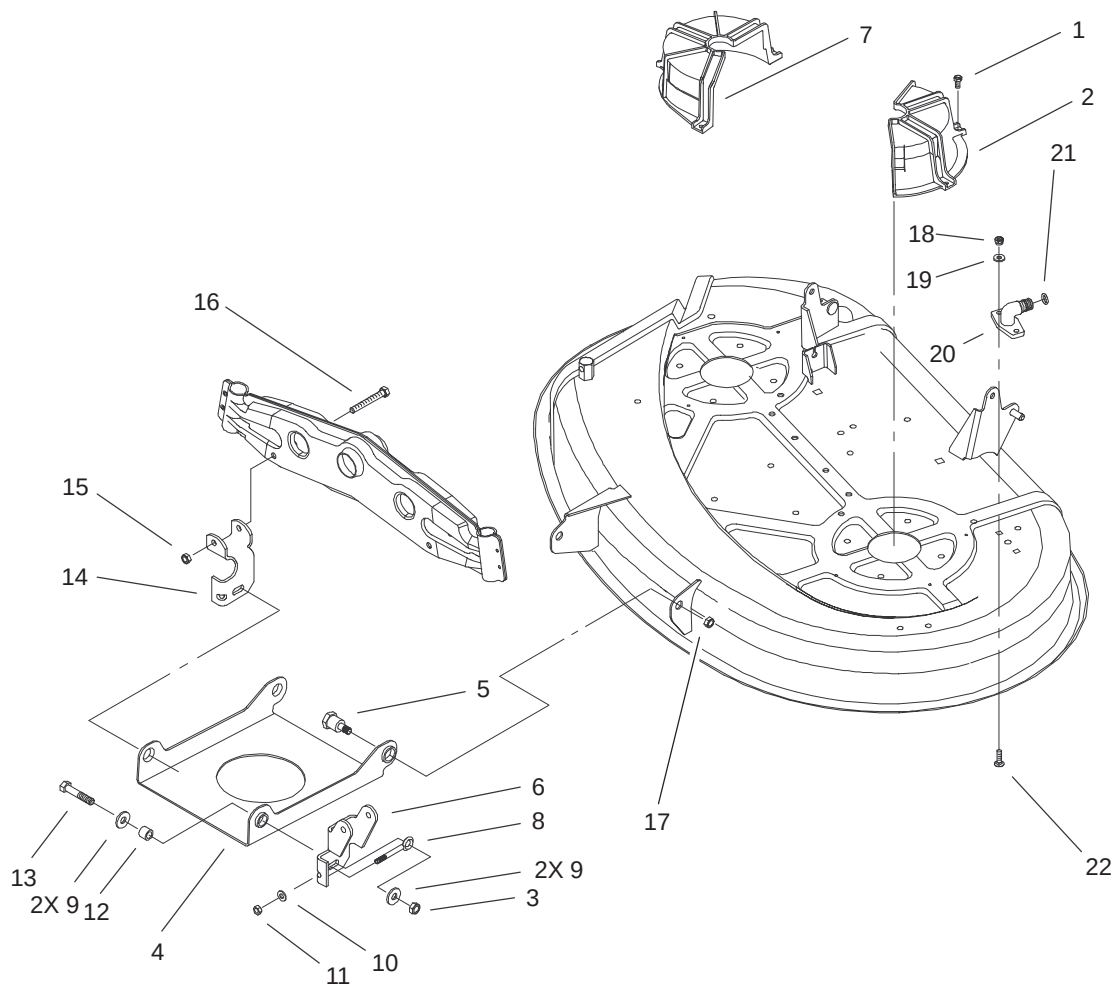


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38in Deck Blade Drive and Braking Assembly

Ref. No.	Part No.	Qty.	Description
1	88-4590	2	Bolt-Shoulder
2	88-6100	2	Brake ASM
2:1	3290-282	2	Rivet-Pop, Steel
2:2	56-9830	1	Pad-Brake
3	88-5550	1	Rod-Brake, Deck LH
4	3296-42	2	Nut-Lock, NI
5	88-5910	2	Spring-Torsion
6	88-6130	1	Spring-Deck, Engagement
8	92-8934	1	Spring-Extension
10	88-5970	1	Hook-Return, Spring
14	3296-58	3	Nut-Lock NI
18	88-6250	1	V-Belt
19	3256-68	1	Washer-Flat
20	322-5	2	Screw-HH
21	88-5330	2	Pully-Deck
22	3219-6	2	Nut-Hex
23	88-4980	1	Bushing-Idler, Arm
24	3296-39	1	Nut-Lock, NI
25	3296-29	2	Nut-Lock, NI
26	88-5540	1	Rod-Brake, Deck RH
27	323-12	1	Screw-HH
28	3256-24	2	Washer-Flat
29	88-5070	1	Guide-Idler, Belt
30	88-5630	1	Pulley-Idler Flat
31	7-0030	1	Bolt-Shoulder

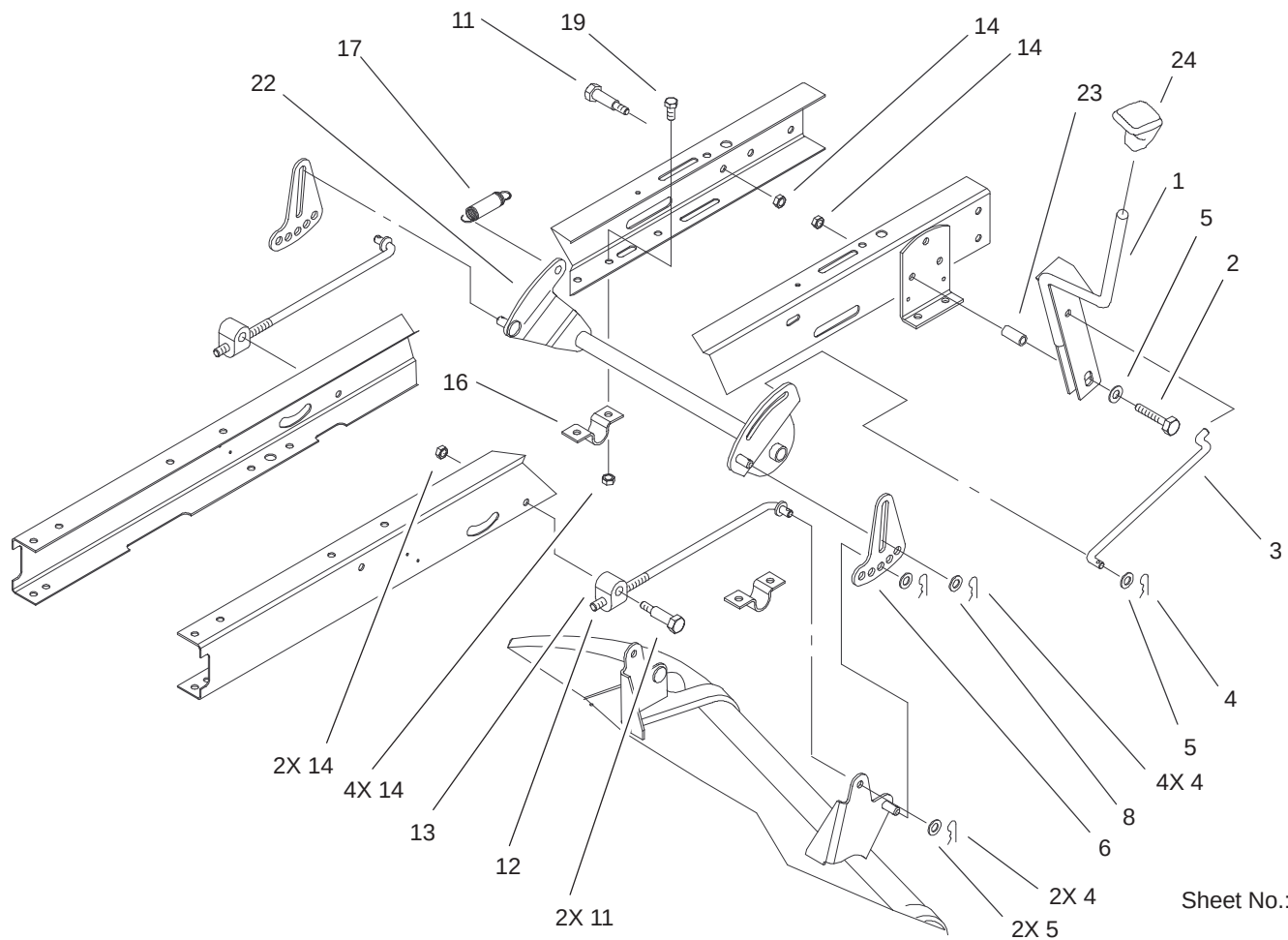
Ref. No.	Part No.	Qty.	Description
32	88-4870-03	1	Arm-Idler, Deck
33	67-0710	2	Ball-Swivel, Stop



Sheet No.:18

38in Deck Engagement Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	32104-76	5	Screw				
2	88-4030	1	Guide-Belt, Deck LH				
3	3296-39	2	Nut-Lock, NI				
4	93-3881-03	1	Pan-Front Deck, Suspension				
5	94-5823	2	Bolt-Shoulder				
6	94-1971-03	1	Bracket-Deck Suspension, LH				
7	88-4020	1	Guide-Belt, Deck RH				
8	61-9980	2	Screw-Adjusting				
9	80-6990	4	Washer-Hardened				
10	3256-22	2	Washer-Flat				
11	3296-42	2	Nut-Lock, NI				
12	93-9847	2	Spacer				
13	323-9	2	Screw-HH				
14	94-1970-03	1	Bracket-Suspension, Deck RH				
15	3296-29	2	Nut-Lock, NI				
16	322-12	2	Screw-HH				
17	3296-23	2	Nut-Lock, NI				
18	3296-16	2	Nut-Lock, NI				
19	3256-1	2	Washer-Flat				
20	95-2747	1	Fitting-Washout				
21	46-6290	1	O-Ring				
22	3229-1	2	Screw-CARR				

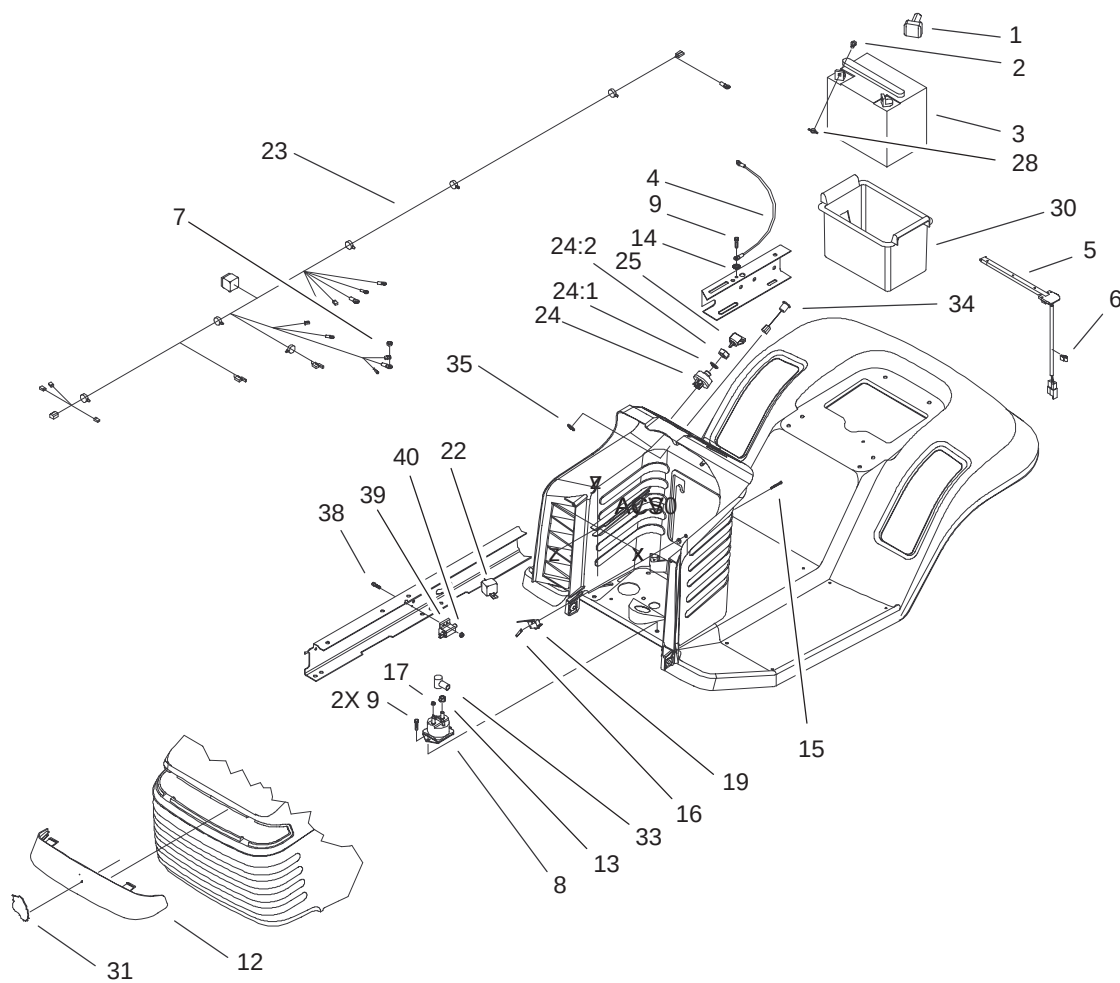


Sheet No.:19

Height of Cut Assembly

Ref. No.	Part No.	Qty.	Description
1	93-3822-03	1	Lever
2	322-39	1	Screw-HH
3	88-5900	1	Link-HOC
4	3290-307	7	Pin-Hair
5	3256-24	4	Washer-Flat
6	88-5570-03	2	Link-HOC, Adjusting
8	80-6990	4	Washer-Hardened
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	88-6460	1	Spring-Extension
19	322-3	4	Screw-HH
22	88-5110-03	1	Pivot
23	65-7210	1	Spacer
24	94-5565	1	Knob-Shift

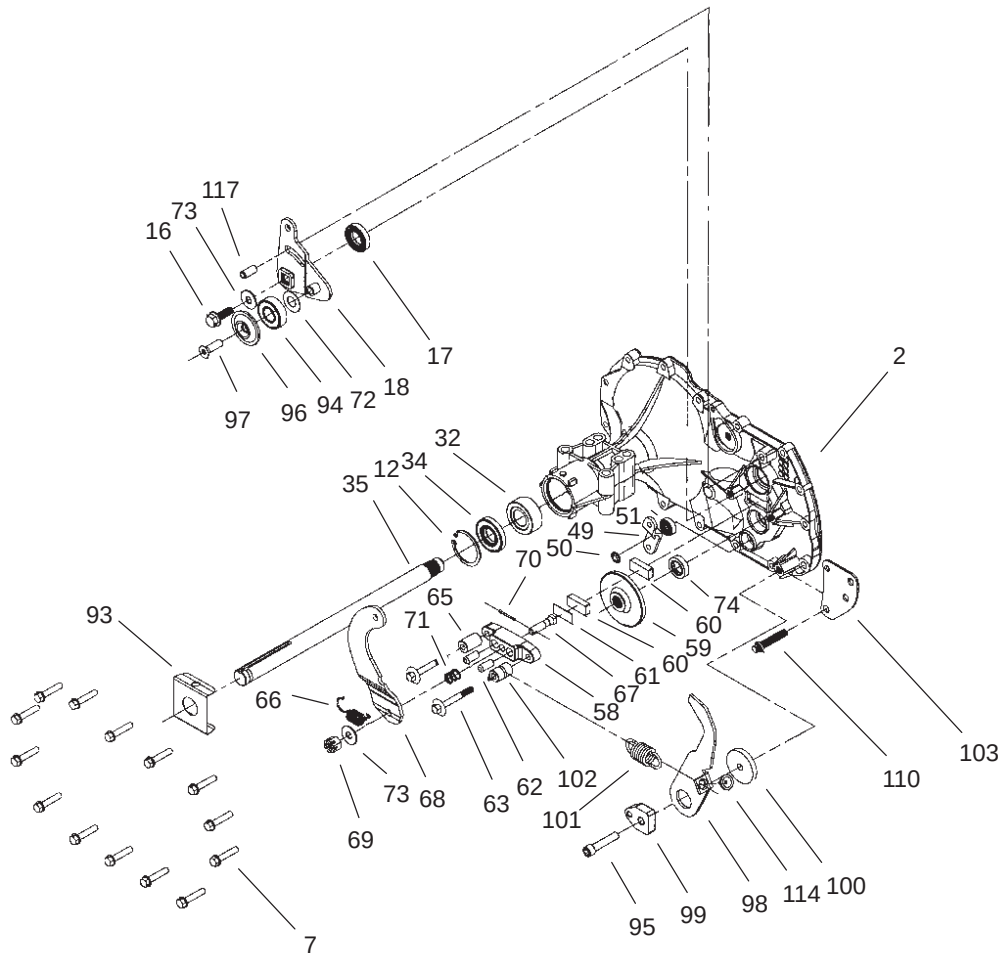
Ref. No.	Part No.	Qty.	Description



Sheet No.:20

Electrical Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	28-8080	1	Boot-Terminal	33	93-3190	1	Boot-Insulator, Terminal
2	321-4	2	Screw-HH	34	95-7652	1	Light-Indicator
3	104-1755	1	Battery	35	99-6059	1	Clip-Retainer
4	44-8110	1	Wire ASM	38	3274-14	2	Screw-HSH
5	38-1420	1	Switch-Seat	39	65-7410	1	Switch-Pole, Single
6	702366	1	Clip-Wire Retainer	40	3296-2	2	Nut-Lock
7	32149-2	1	Nut				
8	28-4210	1	Solenoid				
9	9266714	3	Screw-HWH				
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				
19	88-9932	1	Switch-Micro				
22	98-7249	1	Relay				
23	99-6840	1	Harness-Wire, Hydro				
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				
28	32103-22	2	Nut-Wing				
30	88-4040	1	Box-Battery				
31	95-4248	1	Logo-Horsehead				

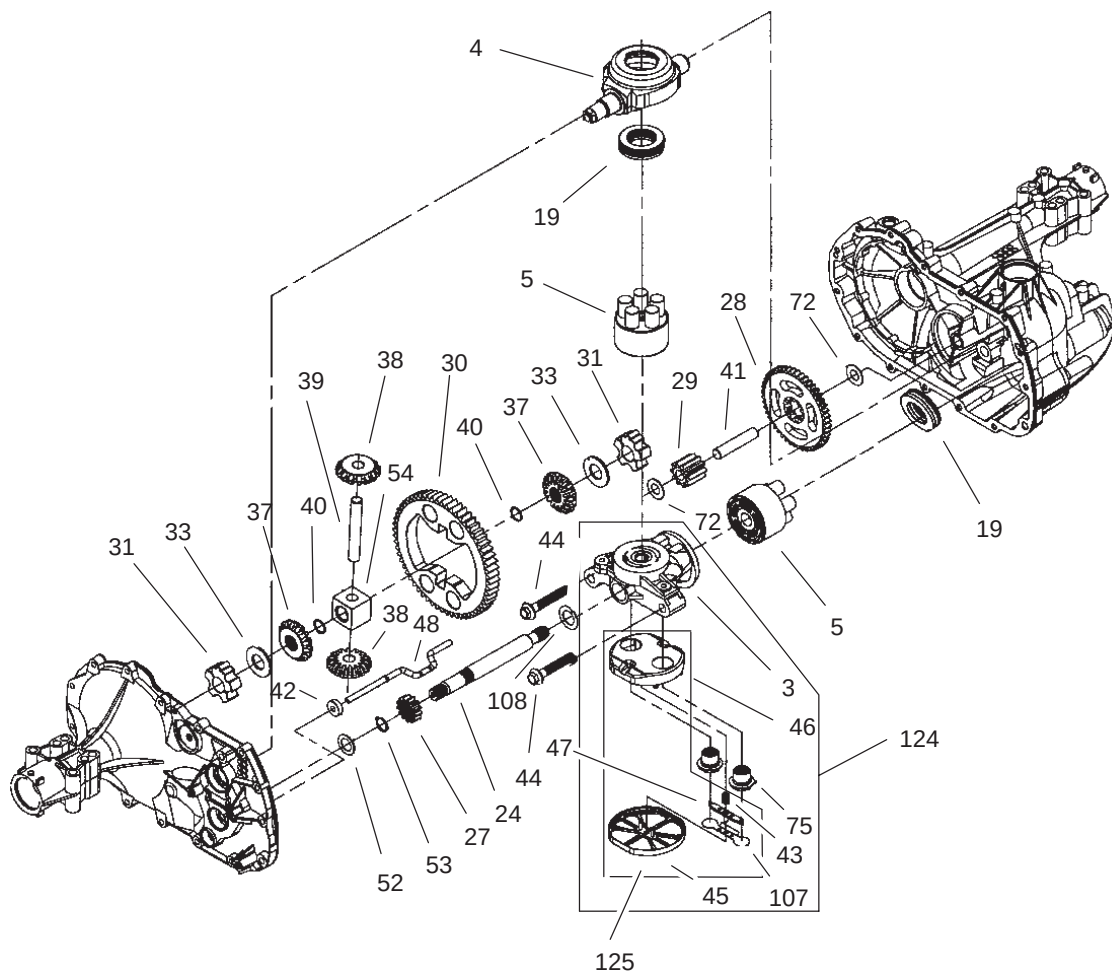


Sheet No.:3

Housing and Bearing Assembly

Ref. No.	Part No.	Qty.	Description
2	104-5302	1	Side Housing ASM
7	104-5305	14	Screw-Hex Flange
12	104-5309	1	Ring-Retaining
16	104-5312	1	Screw-Hex Flange
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-Hex Flange
65	104-2180	1	Spacer
66	104-2184	1	Spring-Brake Arm
67	104-2174	1	Bolt-SQH
68	104-5346	1	Arm-Brake
69	93-3807	1	Nut - Castle
70	104-2179	1	Pin-Cotter

Ref. No.	Part No.	Qty.	Description
71	104-2188	1	Spring-Brake, Anti Drag
72	94-1933	1	Washer
73	104-2146	2	Washer
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

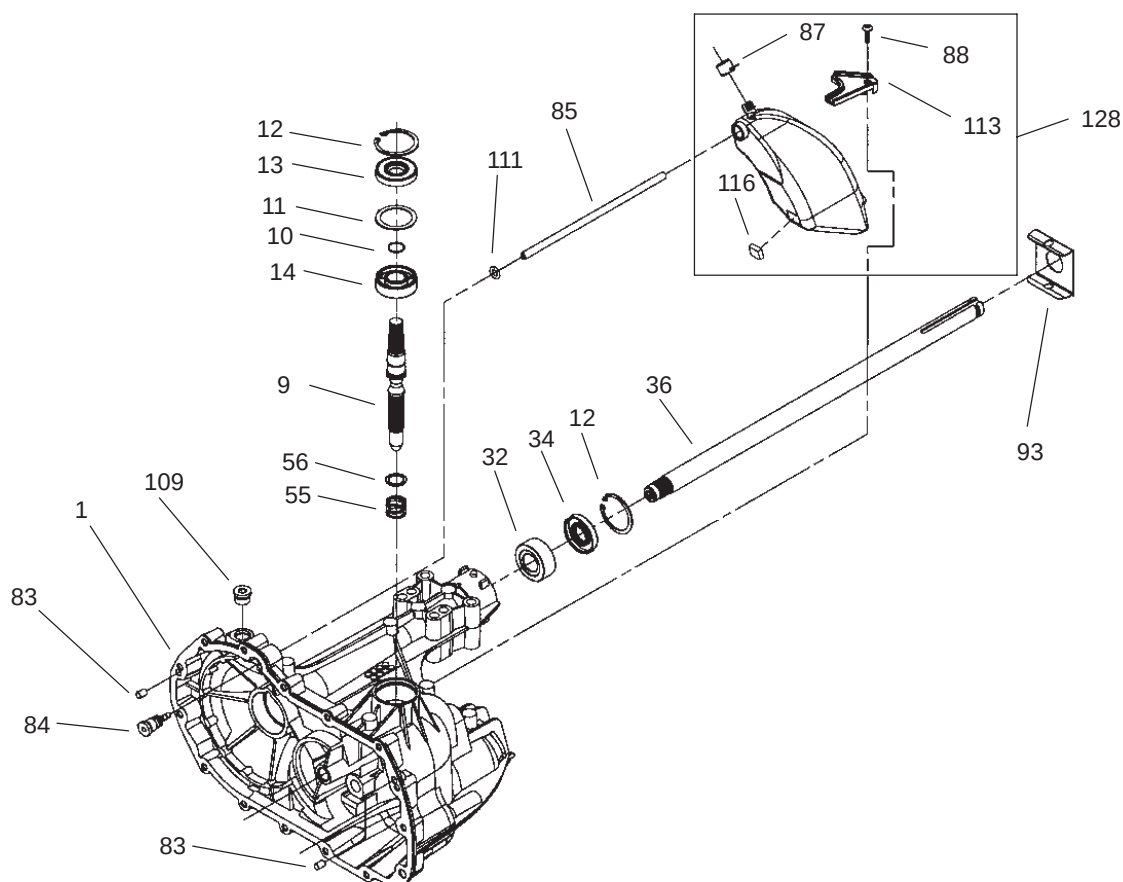


Sheet No.:4

Gear Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
3	104-5303	1	Center Section ASM	75	104-5348	2	Check Plug ASM
4	104-5304	1	Swashplate-Trunnion Machined	107	104-5359	1	Deflector
5	104-2106	2	Cylinder Block ASM	108	104-5360	1	Washer-Motor Shaft
19	94-6922	2	Bearing-Thrust	124	106-6522	1	Bypass ASM-Center Section-Filter
24	104-5315	1	Shaft-Motor	125	106-6523	1	Filter Assembly
27	104-5316	1	Gear-Pinion, 13t	*127	104-5368	1	Seal-O-Ring Kit
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-Spiral Retaining				
41	104-5329	1	Pin-Jackshaft				
42	104-5330	1	Magnet-Ring				
43	104-5331	1	Spring-Bypass				
44	94-6926	2	Bolt				
47	104-5334	1	Actuator-Bypass				
48	104-5335	1	Rod-Bypass Actuator				
52	104-5339	1	Washer-Flat				
53	104-5340	1	Ring-Retaining				
54	104-5341	1	Bearing-Center Block				
72	94-1933	2	Washer				

* Not illustrated



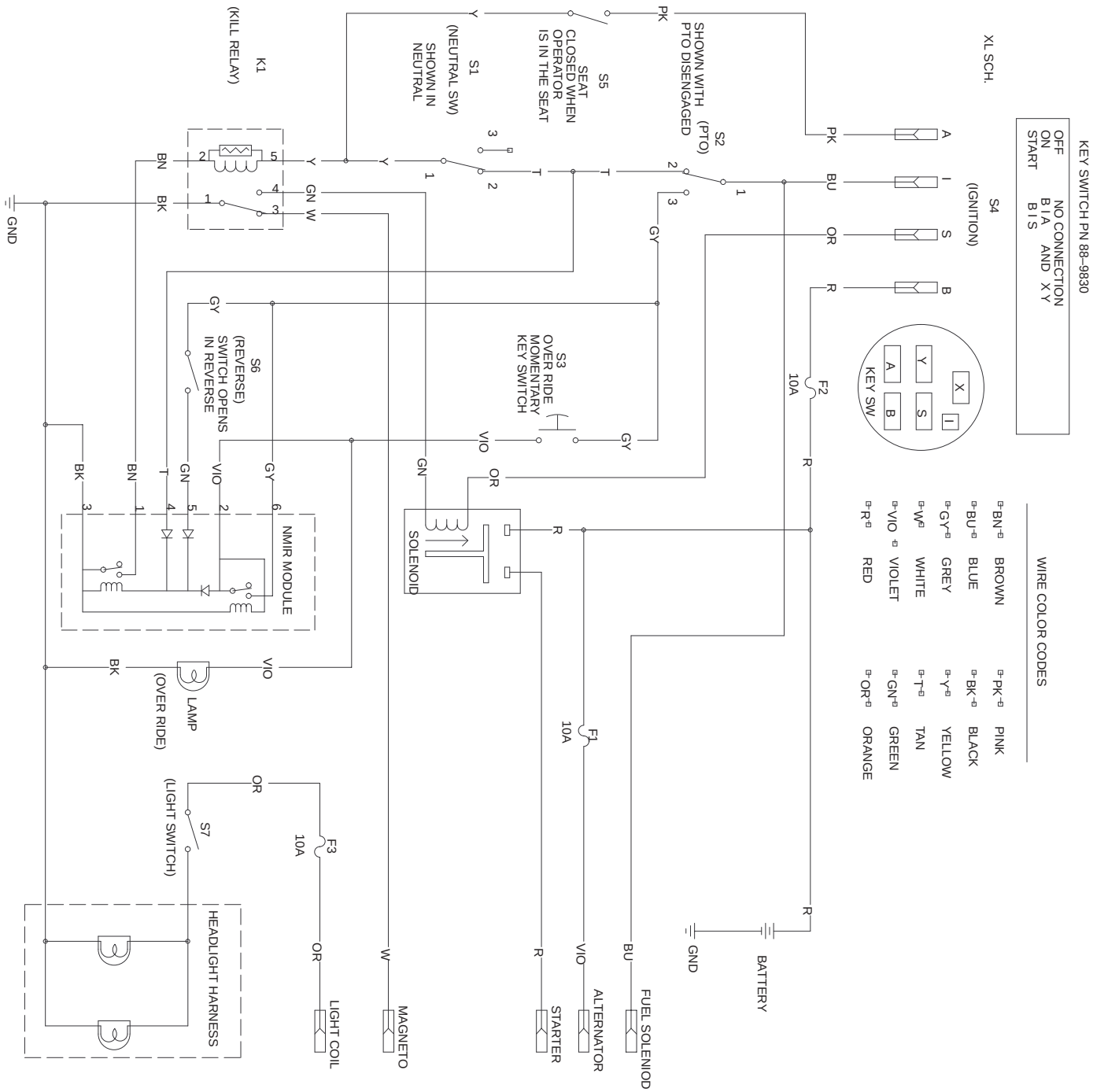
Sheet No.:5

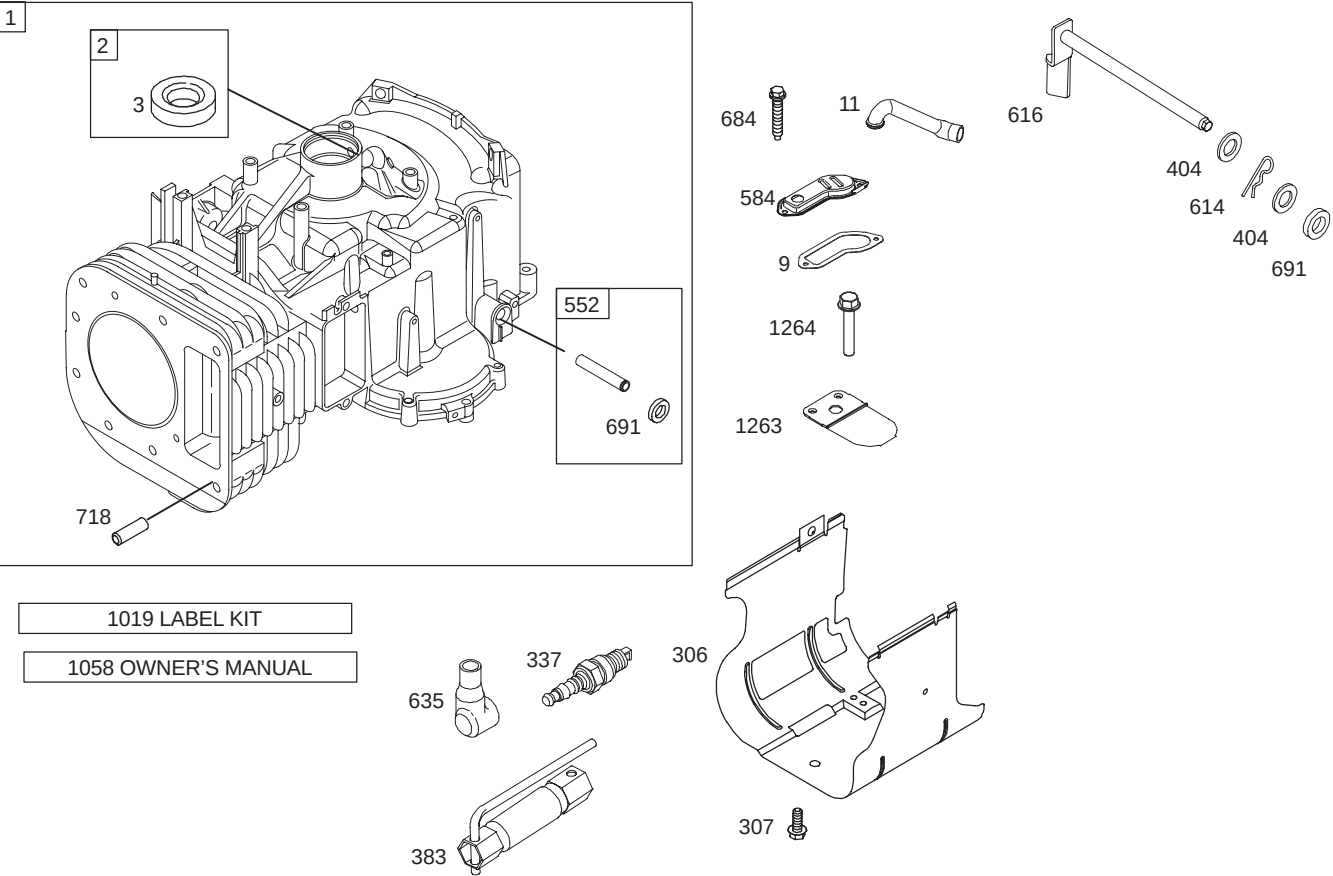
Axle Assembly

Ref. No.	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-Self Tapping
93	104-5353	1	Clip-Spring
109	104-2189	1	Plug-Straight Thread
111	104-5361	1	O-Ring
113	104-5362	1	Bracket-Support
116	104-5364	1	Sponge-Sillicone
128	104-5369	1	Expansion Tank Kit

Ref. No.	Part No.	Qty.	Description

Electric Schematic





Assemblies include all parts shown in frames.

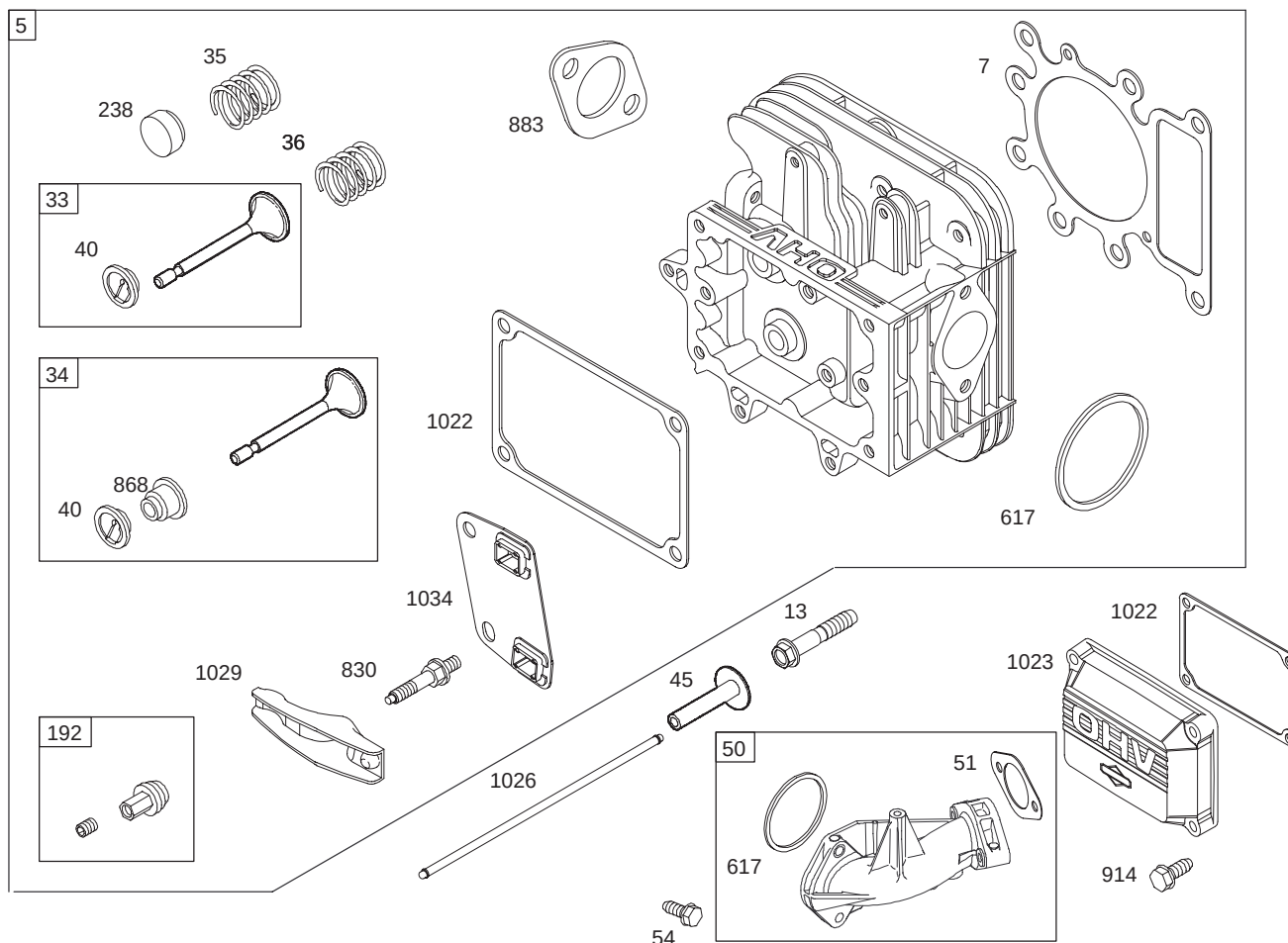
Cylinder Assembly

Engine Briggs and Stratton Model 280H07-0160-E1

Ref. No.	Part No.	Qty.	Description
1	697132	1	Cylinder Assembly
2	399265	1	Kit-Bushing/Seal (Magneto Side)
★3	391086	1	Seal-Oil (Magneto Side)
★9	697109	1	Gasket-Breather
11	697113	1	Tube-Breather
306	697107	1	Shield-Cylinder
307	691003	1	Screw (Cylinder Shield)
337	691043	1	Plug-Spark
383	89838	1	Wrench-Spark Plug
404	691691	1	Washer (Governor Crank)
552	697144	1	Bushing-Governor Crank
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)

Ref. No.	Part No.	Qty.	Description
★691	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)
	691761	1	Short Block

★ Included in Engine Gasket Set-Ref. 358.



Cylinder Head Assembly

Engine Briggs and Stratton Model 280H07-0160-E1

Ref. No.	Part No.	Qty.	Description
5	698148	1	Head—Cylinder
★7	273280	1	Gasket—Cylinder Head
13	690360	1	Screw (Cylinder Head Gasket)
33	695760	1	Valve—Exhaust
34	695761	1	Valve—Intake
35	691279	1	Spring—Valve (Intake)
36	691279	1	Spring—Valve (Exhaust)
40	690964	1	Retainer—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—Rocker Arm
238	691843	1	Cap—Valve
★●617	692138	1	Seal—O Ring (Intake Manifold)
830	691095	1	Stud—Rocker Arm
△★868	690968	1	Seal—Valve
883	692236	1	Gasket—Exhaust

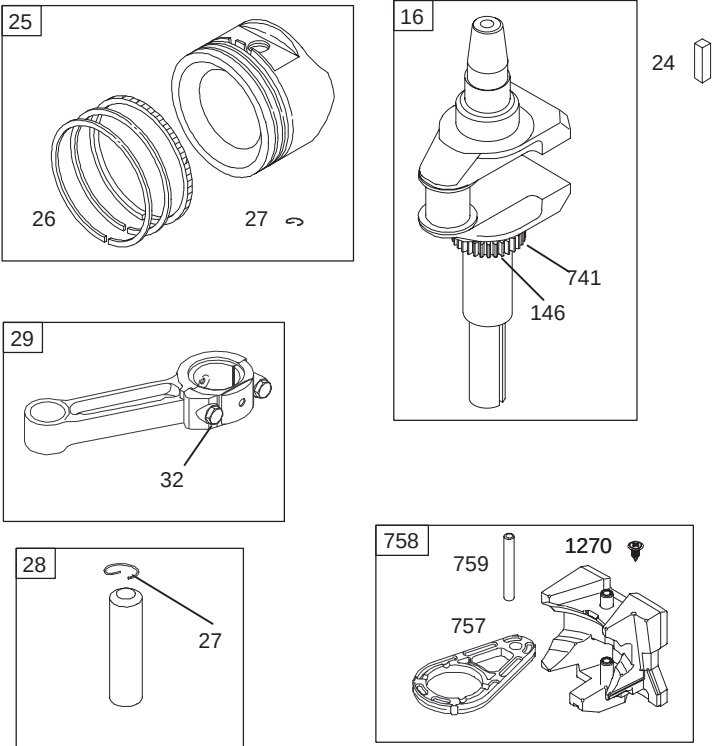
Ref. No.	Part No.	Qty.	Description
914	690960	1	Screw (Rocker Cover)
★1022	272475	1	Gasket–Rocker Cover
1023	692492	1	Cover–Rocker
1026	692003	1	Rod–Push (Intake)
	692011	1	Rod–Push (Exhaust)
1029	691751	1	Arm–Rocker
1034	690822	1	Guide–Push Rod

Δ Included in Valve Gasket Set—Ref. 1095.

★ Included in Engine Gasket Set—Ref. 358.

- Included in Carburetor Overhaul Kit—Ref. 121.

◆ Included in Carburetor Gasket Set—Ref. 977.

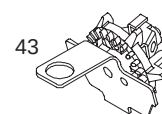
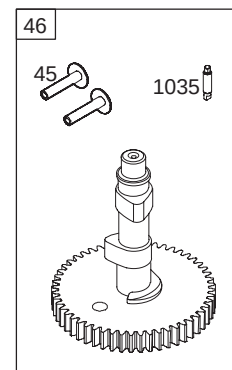
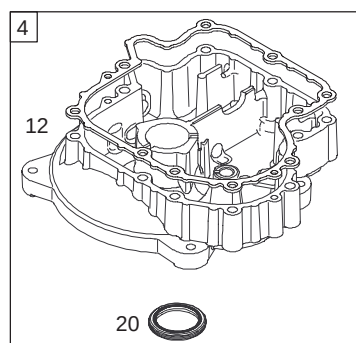


Assemblies include all parts shown in frames.

Crankshaft Assembly

Engine Briggs and Stratton Model 280H07-0160-E1

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
16	697127	1	Crankshaft	29	697126	1	Rod-Connecting (Standard)
24	222698	1	Key-Flywheel		697264	1	Rod-Connecting (.020" Undersize)
25	698371	1	Piston Assembly (Standard)	32	692852	1	Screw (Connecting Rod)
	698372	1	Piston Assembly (.010" Oversize)	146	691639	1	Key-Timing
	698373	1	Piston Assembly (.020" Oversize)	741	697128	1	Gear-Timing
	698374	1	Piston Assembly (.030" Oversize)	757	697607	1	Link-Counterweight
26	698375	1	Ring Set (Standard)	758	697134	1	Counterweight
	698376	1	Ring Set (.010" Oversize)	759	397392	1	Pin-Counterweight
	698377	1	Ring Set (.020" Oversize)	1270	697156	1	Plug-AVS Counterweight
	698378	1	Ring Set (.030" Oversize)				
27	698469	1	Lock-Piston Pin				
28	697099	1	Pin-Piston (Standard)				



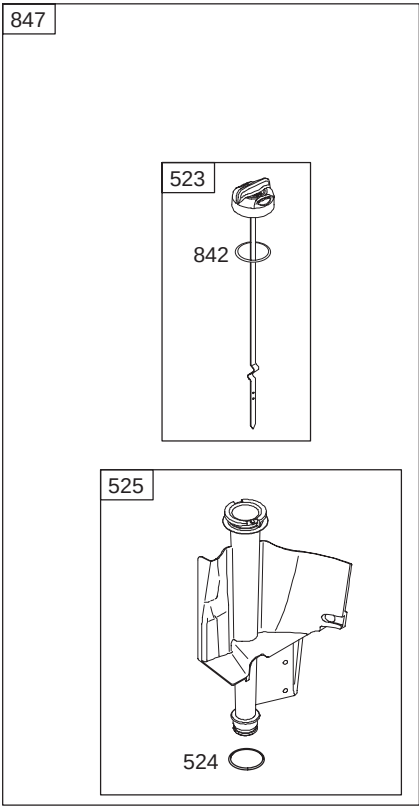
Assemblies include all parts shown in frames.

Crankcase Assembly

Engine Briggs and Stratton Model 280H07-0160-E1

Ref. No.	Part No.	Qty.	Description
4	697106	1	Sump—Engine
★12	697110	1	Gasket—Crankcase
15	690946	1	Plug—Oil Drain
★20	690947	1	Oil Seal (PTO Side)
22	692125	1	Screw (Engine Sump)
43	691968	1	Governor/Oil Slinger
45	690564	1	Tappet—Valve
46	693450	1	Camshaft
1035	693784	1	Shaft—Pump

★ Included in Engine Gasket Set—Ref. 358.

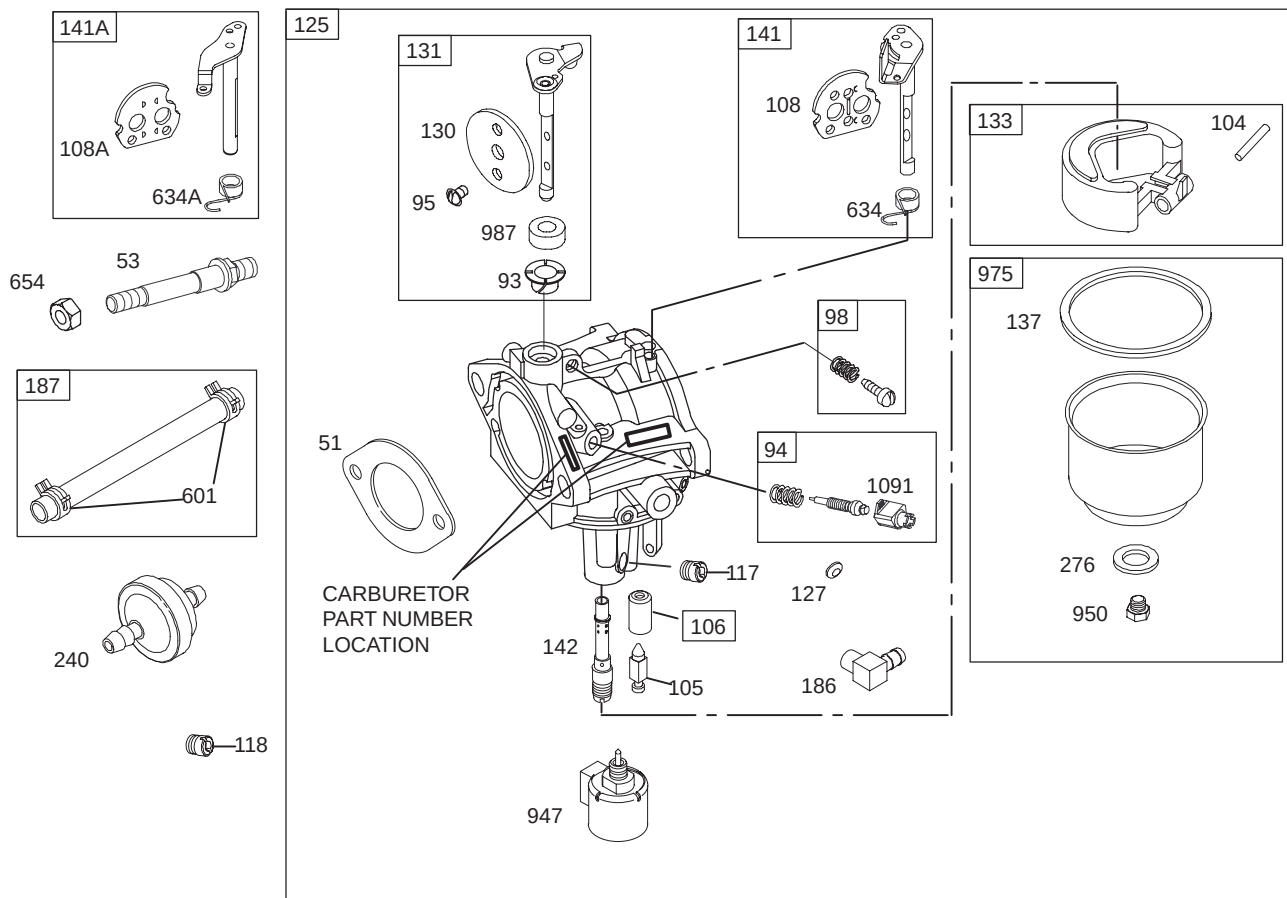


Assemblies include all parts shown in frames.

Oil Filter, Tube and Pump Assembly
Engine Briggs and Stratton Model 280H07-0160-E1

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
523	697086	1	Dipstick				
★524	691032	1	Seal-O Ring (Dipstick Tube)				
525	697184	1	Tube-Dipstick				
★842	691031	1	Seal-O Ring (Dipstick)				
847	697611	1	Dipstick/Tube Assembly				

★ Included in Engine Gasket Set-Ref. 358.



Assemblies include all parts shown in frames.

Carburetor Assembly Engine Briggs and Stratton Model 280H07-0160-E1

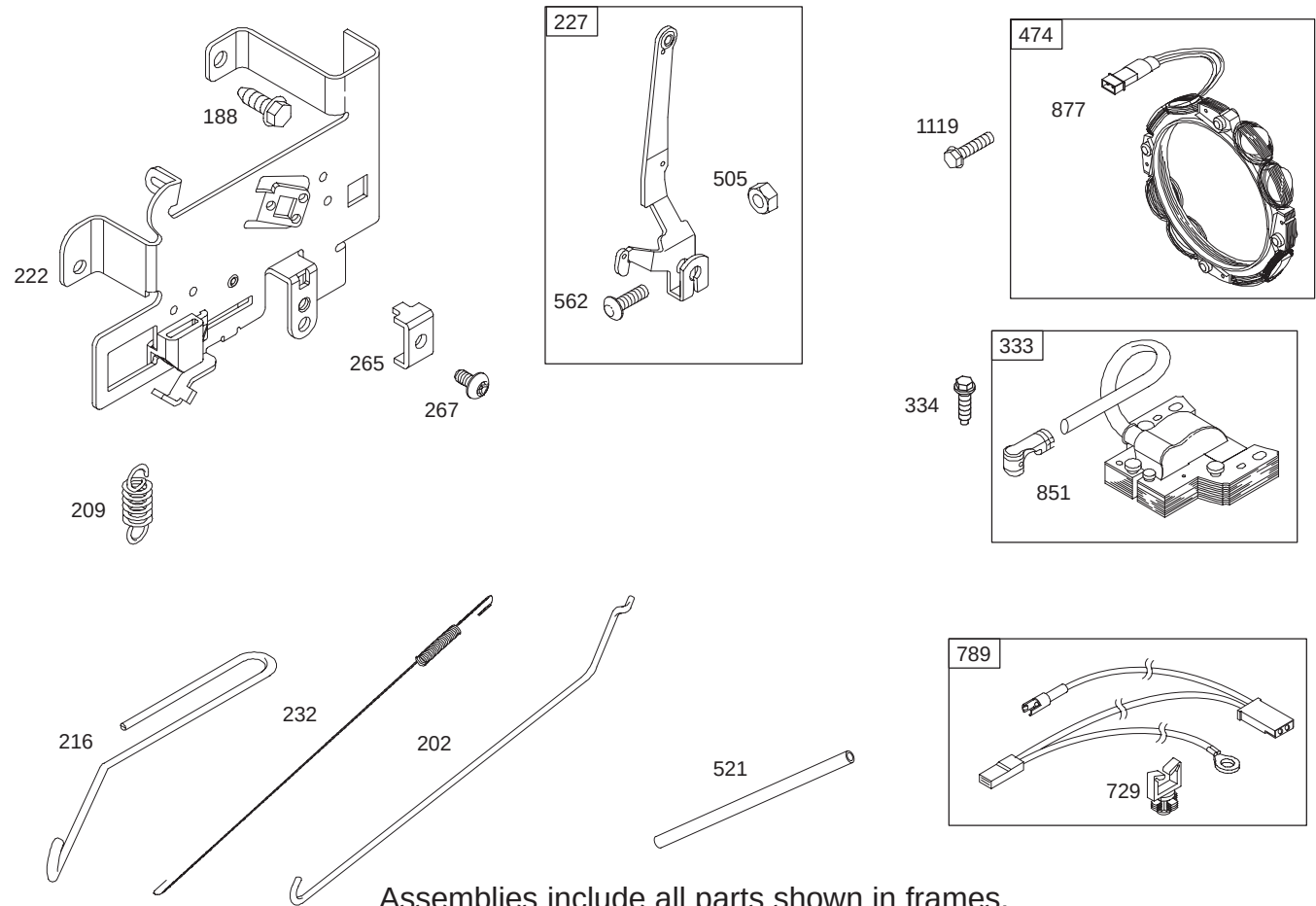
Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
★△◆51	692137	1	Gasket-Intake	◆137	281165	1	Gasket-Float Bowl
53	690227	1	Stud (Carburetor)	141	495097	1	Kit-Choke Shaft (Manual Choke)
◆93	690602	1	Bushing-Throttle Shaft	141A	495931	1	Kit-Choke Shaft (Choke A Matic)
94	498030	1	Kit-Idle Mixture	◆142	697140	1	Nozzle-Carburetor
◆95	691636	1	Screw (Throttle Valve)	186	698174	1	Connector-Hose
98	495800	1	Kit-Idle Speed	187	697098	1	Line-Fuel (Cut to Required Length)
◆104	690525	1	Pin-Float Hinge	240	394358	1	Filter-Fuel
◆105	231855	1	Valve-Float Needle	◆276	692255	1	Sealing Washer
◆106	690577	1	Seat-Inlet	601	95162	1	Clamp-Hose
108	690464	1	Valve-Choke (Manual Choke)	◆634	690801	1	Spring/Seal Assembly
108A	692344	1	Valve-Choke (Choke A Matic)	◆634A	690802	1	Spring/Seal Assembly
◆117	694352	1	Jet-Main (Standard)	654	690958	1	Nut (Carburetor)
118	697228	1	Jet-Main (High Altitude)	947	694393	1	Solenoid-Fuel
125	697190	1	Carburetor	950	691657	1	Screw (Float Bowl)
127	695005	1	Plug-Welch	975	495933	1	Bowl-Float
130	691750	1	Valve-Throttle	◆987	691326	1	Seal-Throttle Shaft
131	494379	1	Kit-Throttle Shaft	1091	691333	1	Cap-Limiter
133	494381	1	Float-Carburetor				

△ Included in Valve Gasket Set-Ref. 1095.

★ Included in Engine Gasket Set-Ref. 358.

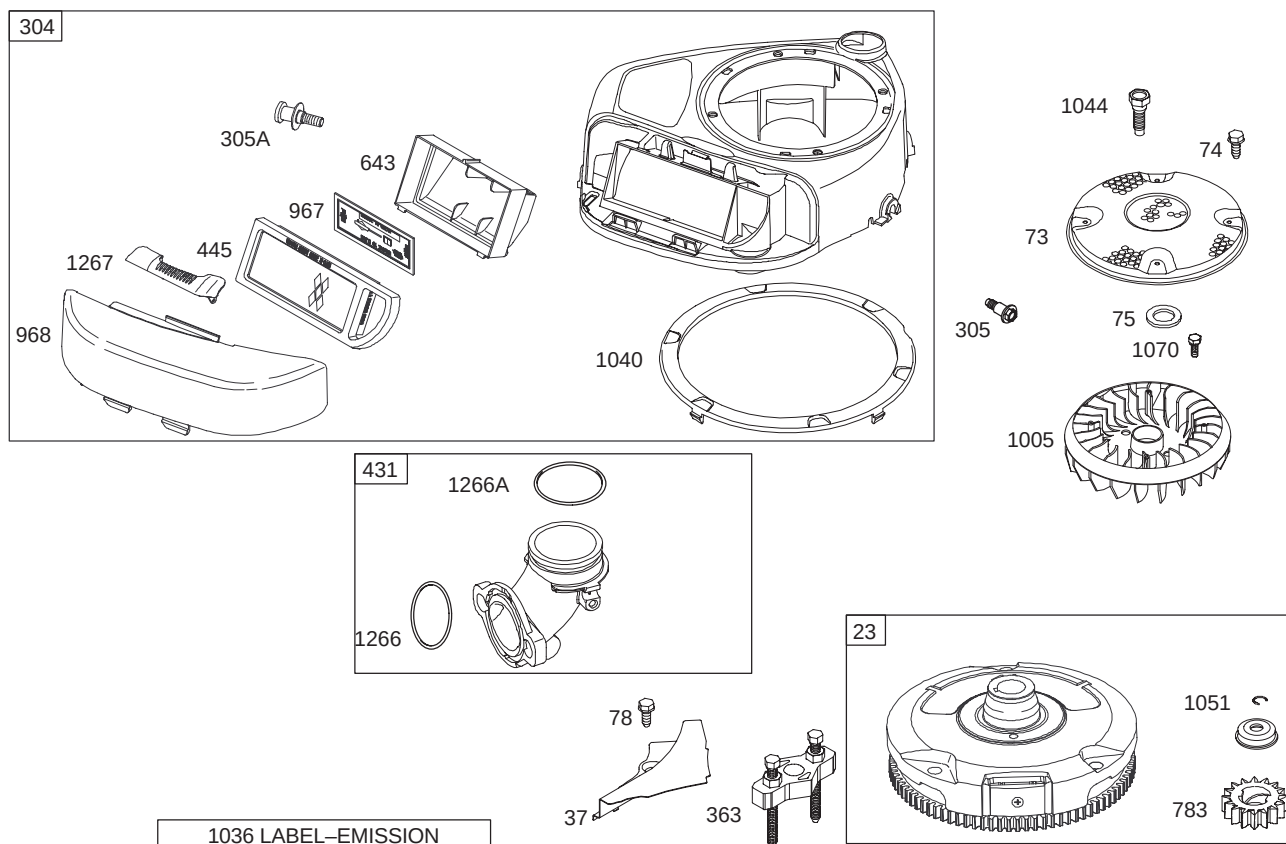
◆ Included in Carburetor Overhaul Kit-Ref. 121.

◆ Included in Carburetor Gasket Set-Ref. 977.



Governor Assembly
Engine Briggs and Stratton Model 280H07-0160-E1

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
188	691693	1	Screw (Control Bracket)	729	691335	1	Clip-Wire
202	691841	1	Link-Mechanical Governor	789	692037	1	Wiring-Harness
209	692208	1	Spring-Governor	851	493880	1	Terminal-Spark Plug
216	691840	1	Link-Choke	877	393456	1	Wire/Connector-Alternator
222	694042	1	Bracket-Control	1119	691183	1	Screw (Alternator)
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)				
521	690581	1	Shield-Cable				
562	691119	1	Bolt (Governor Control Lever)				

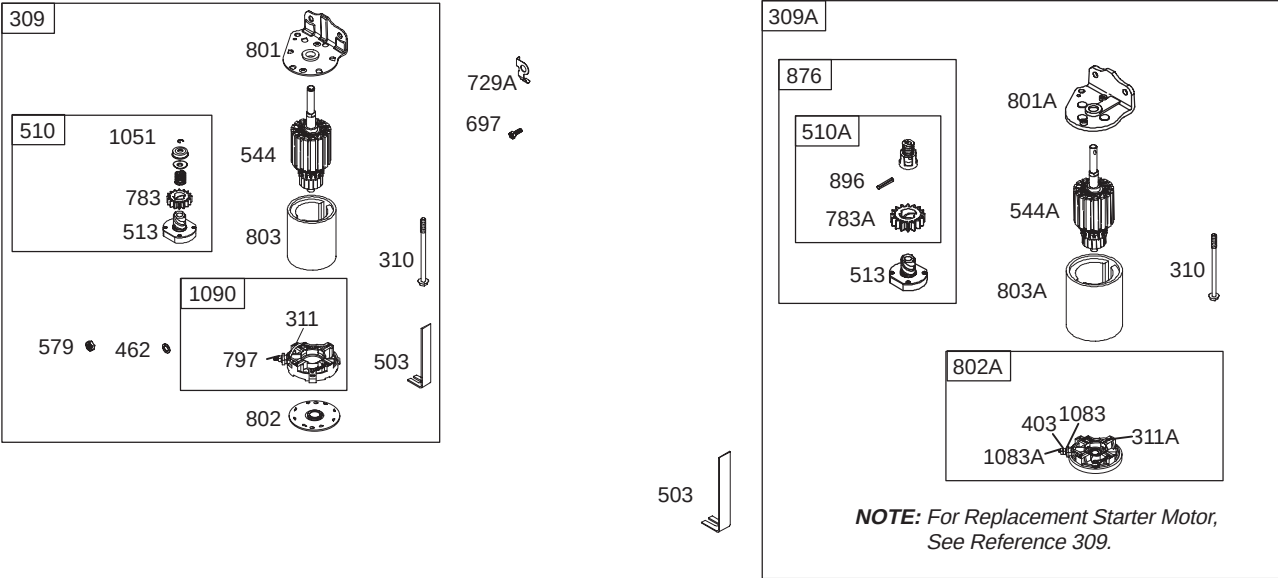


Assemblies include all parts shown in frames.

Blower Housing Assembly Engine Briggs and Stratton Model 280H07-0160-E1

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
23	693557	1	Flywheel	1036	695700	1	Label-Emission
37	697352	1	Guard-Flywheel	1040	698368	1	Plate-Trim
73	697384	1	Screen-Rotating	1044	691658	1	Screw
74	690661	1	Screw				(Crankshaft Extension)
			(Rotating Screen)	1051	691265	1	Ring-Retaining
75	690582	1	Washer	1070	690372	1	Screw
			(Flywheel)				(Flywheel Fan)
78	691003	1	Screw	★1266	691917	1	Seal-O Ring
			(Flywheel Guard)				(Intake Elbow)
304	698599	1	Housing-Blower	★1266A	697123	1	Seal-O Ring
305	697102	1	Screw				(Intake Elbow)
			(Blower Housing)	1267	697419	1	Latch-Blower Housing
305A	697103	1	Screw				
			(Blower Housing)				
363	19203	1	Puller-Flywheel				
431	697122	1	Elbow-Intake				
445	698083	1	Filter-Air Cleaner				
			Cartridge				
643	698401	1	Retainer-Air Filter				
783	693713	1	Gear-Pinion				
967	697015	1	Filter-Pre Cleaner				
968	698403	1	Cover-Air Cleaner				
1005	697111	1	Fan-Flywheel				

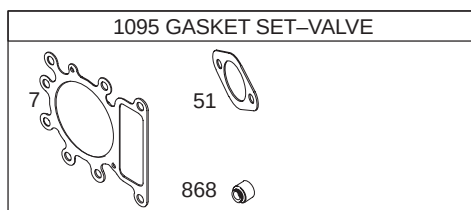
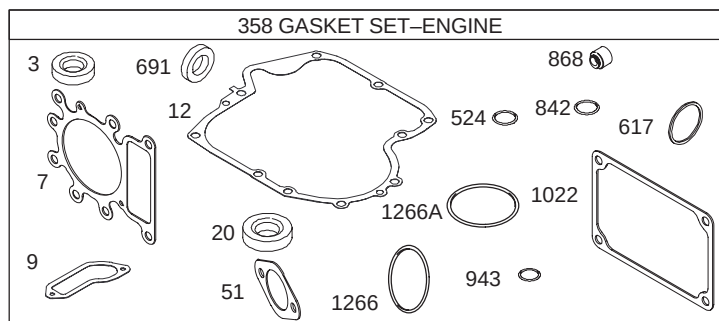
★ Included in Engine Gasket Set-Ref. 358.



Starter Assembly

Engine Briggs and Stratton Model 280H07-0160-E1

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
309	693551	1	Motor-Starter	783	693713	1	Gear-Pinion
309A		1	Motor-Starter (For Replacement Starter Motor, See Ref. 309)	783A	693059	1	Gear-Pinion
310	690323	1	Bolt (Starter Motor)	797	693167	1	Nut (Brush Retainer)
311	497608	1	Brush Set	801	691283	1	Cap-Drive
311A	395538	1	Brush Set	801A	691429	1	Cap-Drive
403	690288	1	Washer (End Cap)	802	691286	1	Cap-End
462	691261	1	Washer (Brush Retainer)	802A	395537	1	Cap-End
503	691532	1	Strap-Starter	803	693757	1	Housing-Starter
510	693699	1	Drive-Starter	803A	398159	1	Housing-Starter
510A	495878	1	Drive-Starter	876	495877	1	Kit-Gear
513	692024	1	Drive Clutch	896	691641	1	Pin-Drive Retainer
544	692034	1	Armature-Starter	1051	691265	1	Ring-Retaining
544A	390837	1	Armature-Starter	1090	691293	1	Retainer-Brush
579	691029	1	Nut (Brush Retainer)	1083	690958	1	Nut (End Cap)
697	690372	1	Screw (Drive Cap)	1083A	691626	1	Nut (End Cap)
729A	691224	1	Clip-Wire				



Assemblies include all parts shown in frames.

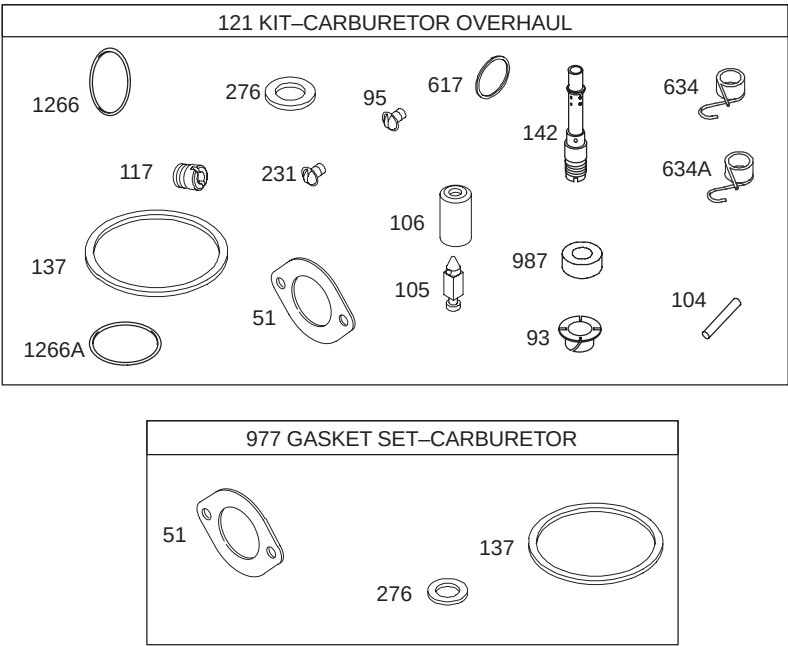
Gasket Assembly

Engine Briggs and Stratton Model 280H07-0160-E1

Ref. No.	Part No.	Qty.	Description
★3	391086	1	Seal—Oil (Magneto Side)
★7	273280	1	Gasket—Cylinder Head
★9	697109	1	Gasket—Breather
★12	697110		Gasket—Crankcase
★20	690947	1	Seal—Oil (PTO Side)
★△◆51	692137	1	Gasket—Intake
358	697151	1	Gasket Set—Engine
★△●617	692138	1	Seal—O Ring (Intake Manifold)
★524	691032	1	Seal—Dipstick Tube
★691	692407	1	Seal—Governor Shaft
★842	691031	1	Seal—O Ring (Dipstick Tube)
★△868	690968	1	Seal—Valve
★943	690589	1	Seal—O Ring (Oil Pump Cover)
★1022	272475	1	Gasket—Rocker Cover
1095	691581	1	Gasket Set—Valve
★●1266	691917	1	Seal—O Ring (Intake Elbow)
★●1266A	697123	1	Seal—O Ring (Intake Elbow)

△ Included in Valve Gasket Set—Ref. 1095.
★ Included in Engine Gasket Set—Ref. 358.

- Included in Carburetor Overhaul Kit—Ref. 121.
- ◆ Included in Carburetor Gasket Set—Ref. 977.



Assemblies include all parts shown in frames.

Carburetor Overhaul Kit Assembly
Engine Briggs and Stratton Model 280H07-0160-E1

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
★△◆51	692137	1	Gasket-Intake	★●1266A	697123	1	Seal-O Ring (Intake Elbow)
●93	690602	1	Bushing-Throttle Shaft				
●95	691636	1	Screw (Throttle Valve)				
●104	690525	1	Pin-Float Hinge				
●105	231855	1	Valve-Float Needle				
●106	690577	1	Seat-Inlet				
●117	694352	1	Jet-Main (Standard)				
121	697154	1	Kit-Carburetor Overhaul				
◆137	281165	1	Gasket-Float Bowl				
●142	697140	1	Nozzle-Carburetor				
●231	691636	1	Screw (Choke Valve)				
◆276	692255	1	Washer-Sealing				
★●617	692138	1	Seal-O Ring (Intake Manifold)				
●634	690801	1	Spring/Seal Assembly				
●634A	690802	1	Spring/Seal Assembly				
977	690192	1	Gasket Set-Carburetor				
●987	691326	1	Seal-Throttle Shaft				
★●1266	691917	1	Seal-O Ring (Intake Elbow)				

△ Included in Valve Gasket Set-Ref. 1095.
★ Included in Engine Gasket Set-Ref. 358.
● Included in Carburetor Overhaul Kit-Ref. 121.
◆ Included in Carburetor Gasket Set-Ref. 977.

Maintenance Record

[illegible]

Maintenance Record

[illegible]

Maintenance Record

[illegible]

