



48cm Recycler[®]

Walk Power Lawn Mower

Model No. 20828-210001001 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.

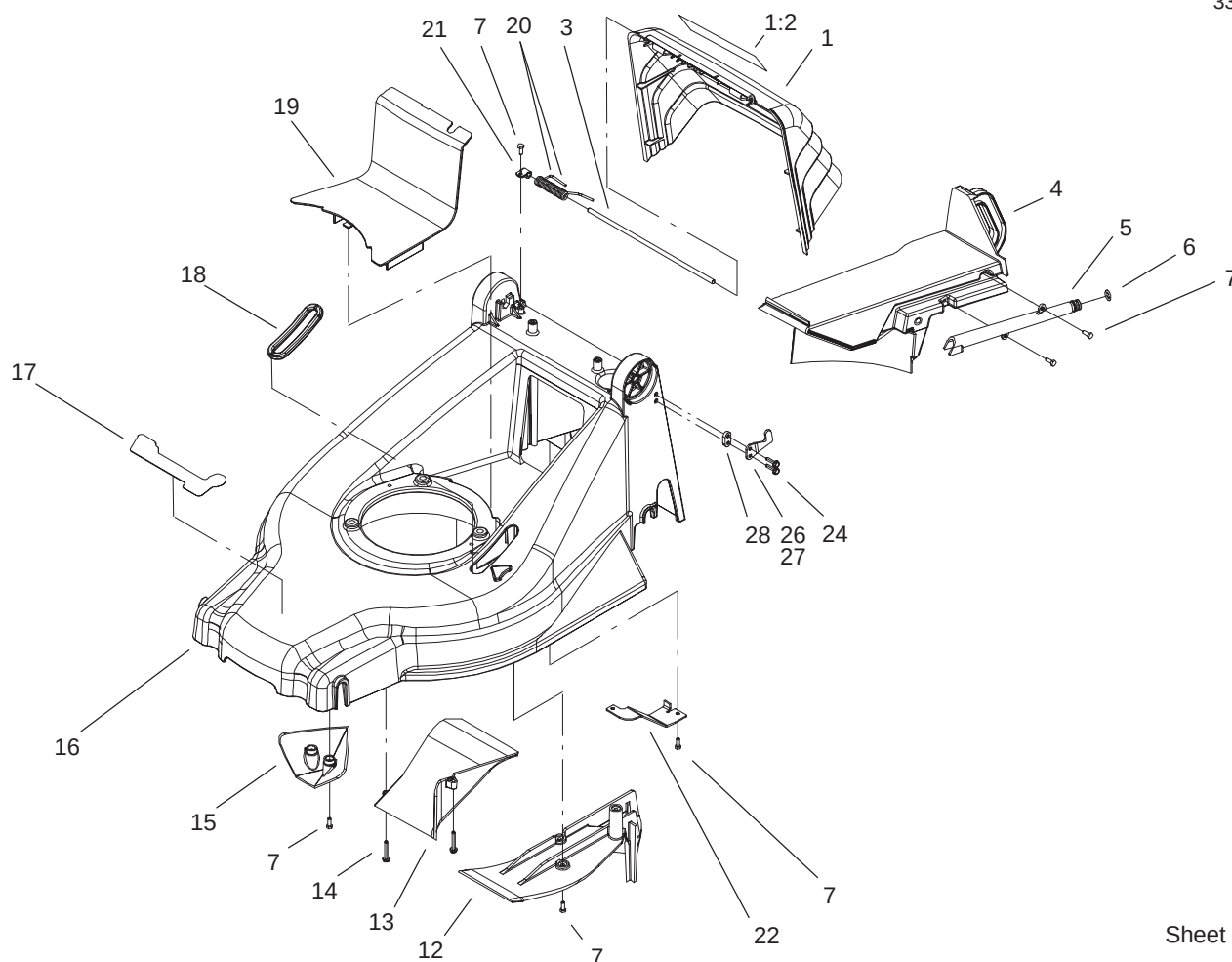
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Part Description Abbreviations

Part descriptions in this catalog may include the following abbreviations.

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

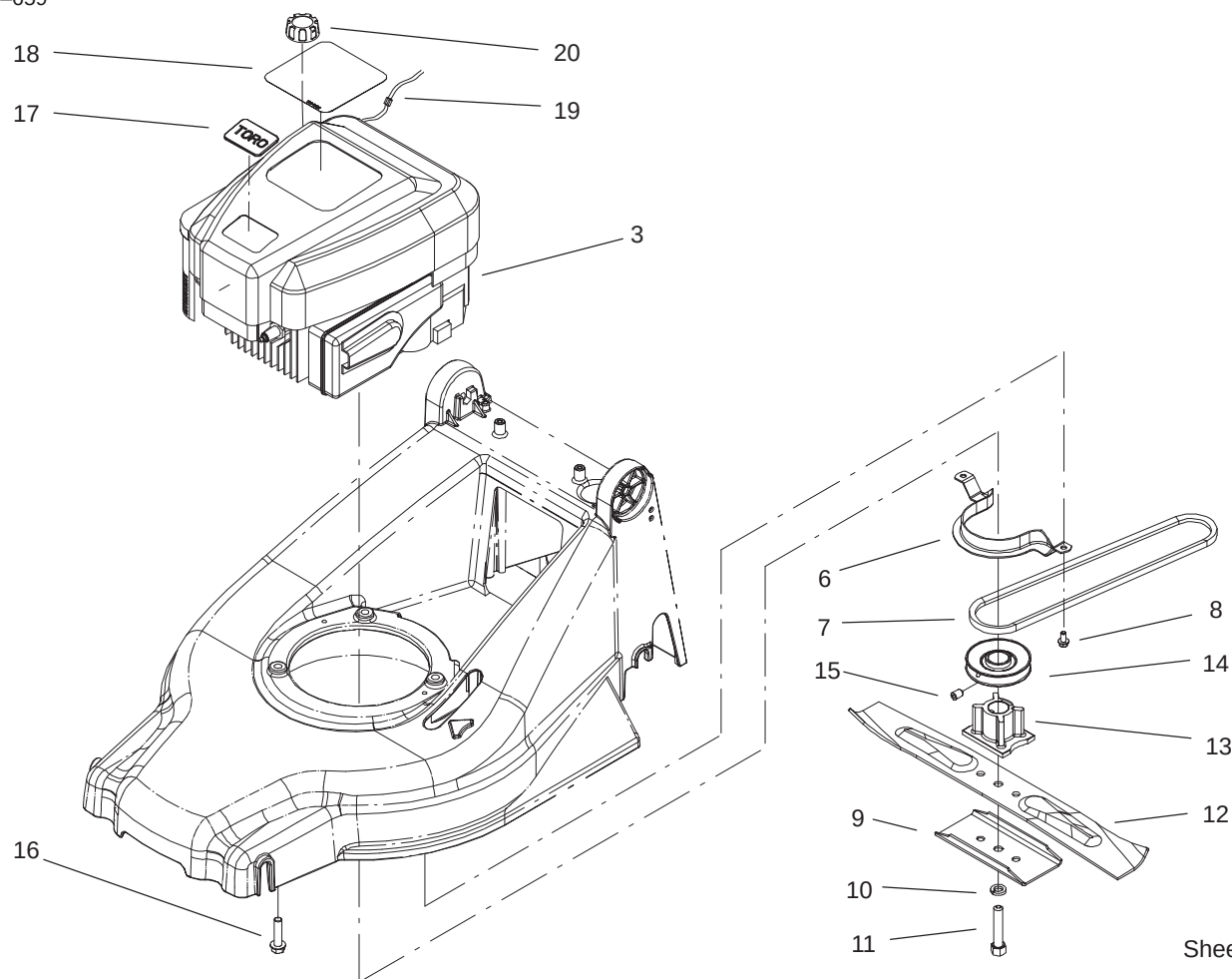


Sheet No.:2

Deck, Kicker and Recycler Plug Assembly

Ref. No.	Part No.	Qty.	Description
1	100-9115	1	Door ASM
1:2	93-4105	1	Decal – Danger
3	100-1509	1	Rod-Pivot, Door
4	100-1505	1	Recycler-Plug, Kicker
5	100-1522	1	Fitting-Washout
6	46-6290	1	O-Ring
7	32144-1	11	Screw-Taptite
12	99-6486	1	Kicker-Cover, Rear
13	100-1506	1	Ramp-Discharge
14	100-4352	2	Screw-HWH
15	99-6485	1	Kicker-Front
16	104-7573-01	1	Deck
17	100-4354	1	Decal-Recycler
18	100-3932	1	Boot-HOC
19	99-6479	1	Belt Cover
20	104-7594	1	Spring-Torsion, Door
21	98-2256	2	Clamp
22	100-9123-03	1	Bracket – Deck
24	100-4351	4	Screw-HWH
26	104-7557	1	Hook-Left
*27	104-7558	1	Hook-Right
28	104-7556	2	Spacer

* Not illustrated

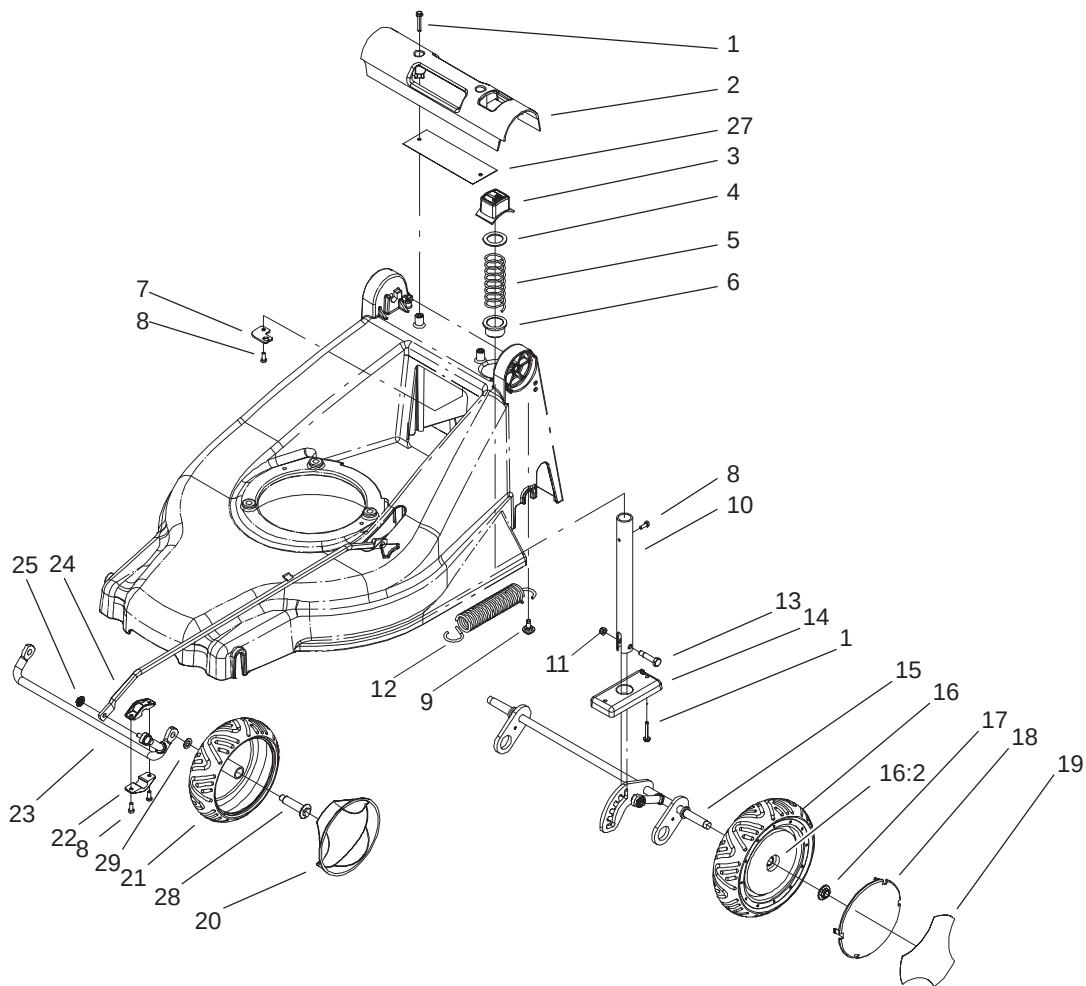


Sheet No.:3

Engine and Blade Assembly

Ref. No.	Part No.	Qty.	Description
3		1	Engine- GTS 200
6	100-1523-03	1	Guide-Belt, Engine
7	93-0232	1	V-Belt
8	32144-4	2	Screw-HWH
9	80-0510-03	1	Blade Stiffener
10	3253-22	1	Washer-Lock
11	100-4368	1	Bolt-Blade
12	71-9260-03	1	Blade
13	104-7554	1	Retainer-Blade
14	100-1102	1	Pulley ASM
15	104-0214	1	Screw-Set
16	32144-102	3	Screw-HWH
17	92-2289	1	Plate-Logo
18	100-5951	1	Decal-Engine
19	2210-316	1	Stop-Rope
20	93-7198	1	Gas Cap ASM

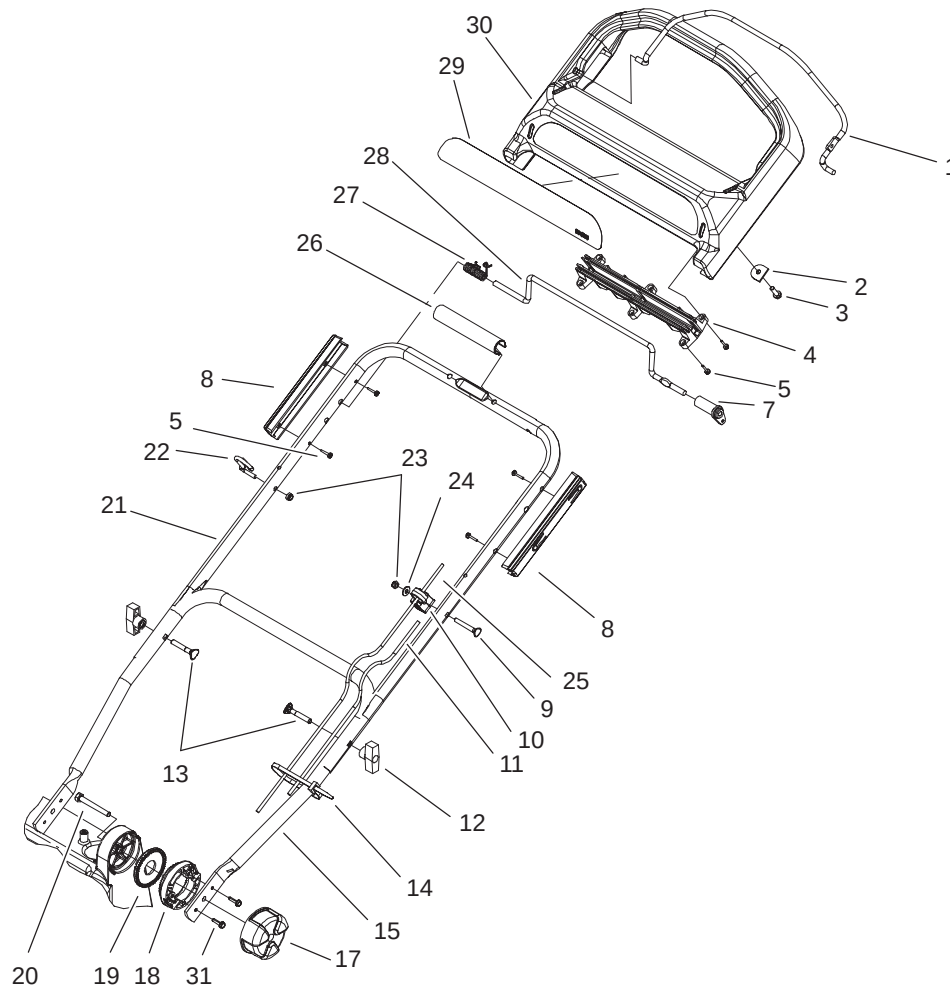
Ref. No.	Part No.	Qty.	Description



Sheet No.:4

Height-Of-Cut and Wheel Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	100-4352	4	Screw-HWH	23	104-7562	1	Front Axle ASM
2	99-6487	1	Handle-Deck	24	100-9116	1	Rod ASM
3	99-6480	1	Button-HOC	24:2	100-4355	1	Decal-HOC
4	88-7540	1	Washer-Backup	25	100-3939	2	Palnut
5	99-6481	1	Spring-Compression, HOC	27	100-4383-03	1	Cover-Handle
6	99-6483	1	Bushing-HOC	28	614650	2	Bolt-Shoulder
7	100-1525	1	Bracket-Cable, Traction	29	40-1940	2	Washer
8	32144-1	6	Screw-Taptite				
9	92-9698	1	Screw-Shoulder				
10	99-6458	1	Pipe - HOC				
11	3296-73	1	Nut-Lock, NI				
12	100-4384	1	Spring-Extension, HOC				
13	99-6459	1	Bolt-Shoulder				
14	99-6460	1	Plate-Support, HOC				
15	99-6478	1	Rear Axle ASM				
16	99-6471	2	Wheel ASM				
16:2	27-6250	2	Bushing				
17	100-4370	2	Nut-Lock, Flanged				
18	100-4366	2	Cover-Smart Wheel				
19	100-9114	2	Decal-Smart Wheel				
20	95-6543	2	Cover - Wheel				
21	99-6470	2	Wheel ASM				
22	100-1500	4	Mount-Axle, Front				

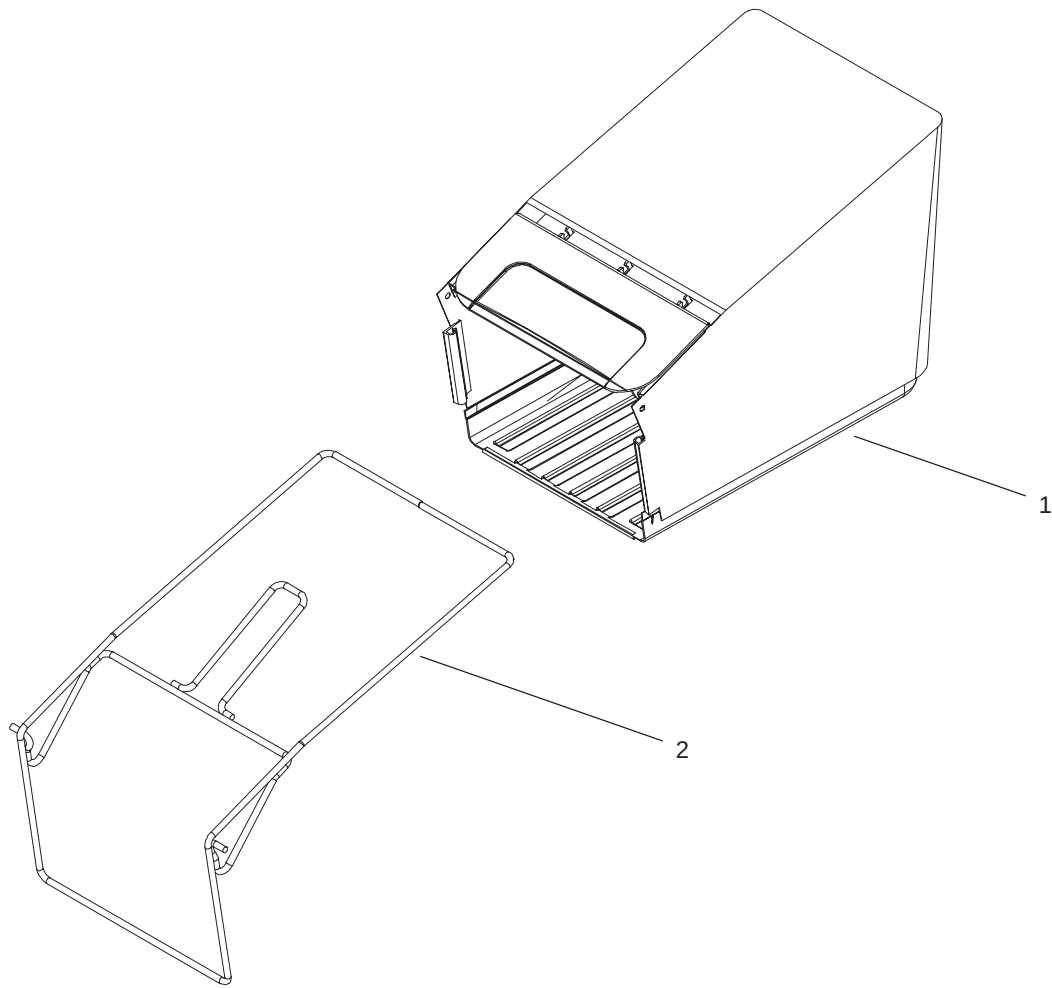


Sheet No.:5

Self Propel Handle and Control Assembly

Ref. No.	Part No.	Qty.	Description
1	99-1593-03	1	Bail-Brake
2	99-1595	1	Retainer-Cable, Brake
3	46-8091	1	Screw-HWH
4	99-6008	1	Retainer-Control Rod, Traction
5	94-4496	10	Screw-PPH
7	99-1589	1	Lever-Traction
8	99-1590	2	Guide-Handle, Control
9	95-4453	1	Screw-Handle
10	99-5239	1	Anchor-Cable
11	100-3936	1	Cable-Traction
12	98-7134	2	Knob-Handle
13	92-2260	2	Screw-Handle
14	3290-378	2	Tie-Cable
15	100-1502-05	1	Handle-Lower
17	100-4396	2	Knob-Adjusting, Handle
18	104-7553-03	2	Disk-Adjusting, Handle
19	100-1517	2	Disk-Holding, Handle
20	60-6690	2	Capscrew
21	99-1596-05	1	Handle-Upper
22	86-9671	1	Guide-Rope
23	3296-73	2	Nut-Lock, NI
24	3256-1	1	Washer-Flat
25	100-3937	1	Cable-Brake

Ref. No.	Part No.	Qty.	Description
26	100-5970	1	Cover-Handle
27	99-1592	1	Spring-Torsion, RH
28	99-1588	1	Bar-Control, Traction
29	100-5950	1	Decal-Automatic
30	99-1582	1	Handle-Control
31	100-4351	4	Screw-HWH

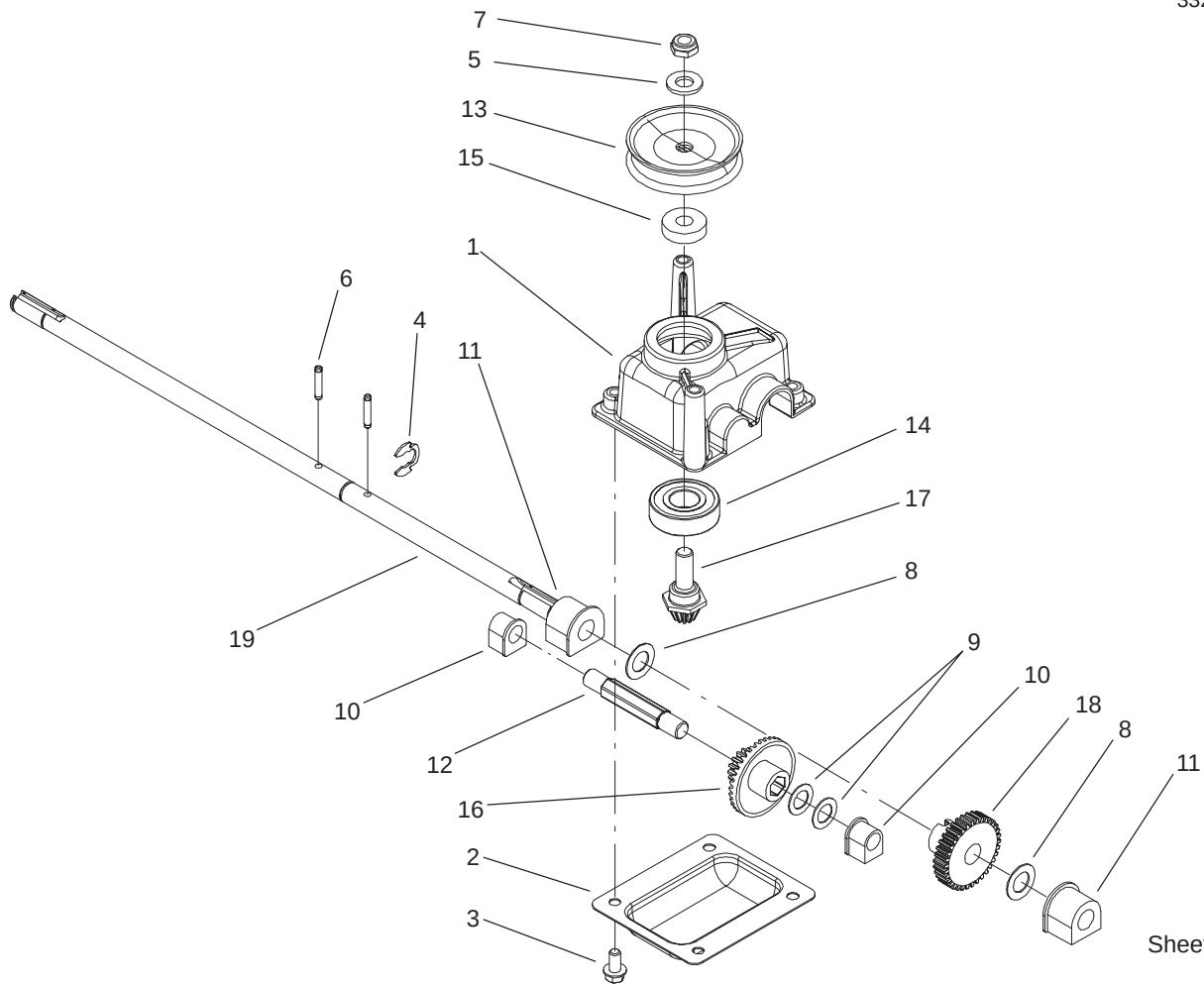


Sheet No.:8

Rear Bagger Components

Ref. No.	Part No.	Qty.	Description
1	104-7578	1	Grass Bag ASM
2	104-7560-03	1	Bag Frame ASM

Ref. No.	Part No.	Qty.	Description

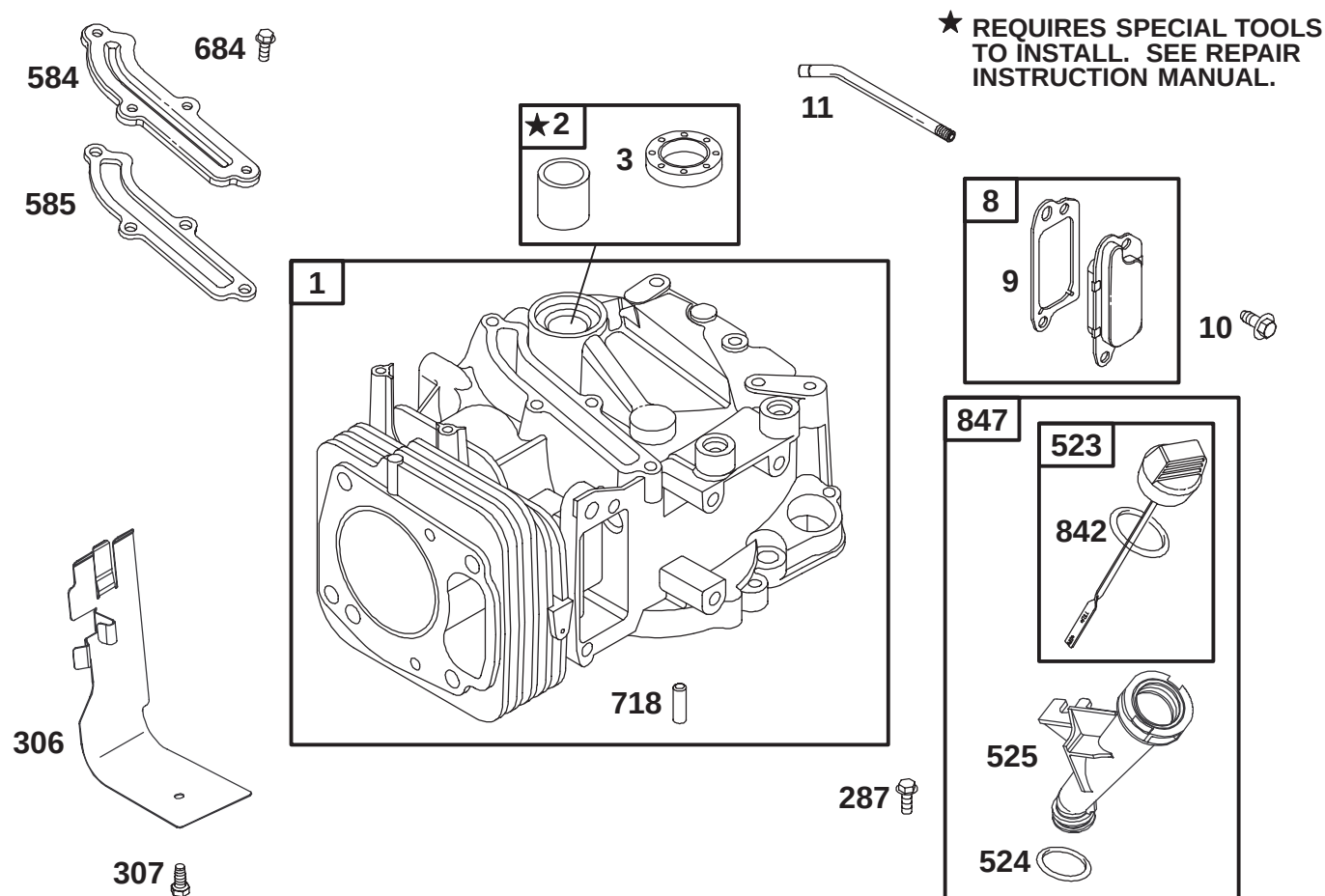


Sheet No.:A1

Gearcase Assembly No. 104-7593

Ref. No.	Part No.	Qty.	Description
1	104-7619	1	Casting-Case, Gear
2	614668-03	1	Cover-Case, Gear
3	32144-4	4	Screw-HWH
4	32151-68	1	Ring-Retaining
5	3256-24	1	Washer-Flat
6	3285-19	2	Pin-Groove
7	3296-5	1	Nut-Lock NI
8	36-4780	2	Washer
9	36-4791	2	Washer-Thrust
10	60-8750	2	Bushing
11	60-8850	2	Bushing-Output
12	614696	1	Shaft-Intermediate
13	100-1176	2	Pulley-Half
14	100-1048	1	Bearing-Ball
15	62-6660	1	Spacer
16	104-7668	1	Gear-15t Spur, 37t Bevel
17	104-7667	1	Gear-Pinion, Bevel
18	614596	1	Gear
19	100-1514	1	Shaft-Output

Ref. No.	Part No.	Qty.	Description



Assemblies include all parts shown in frames.

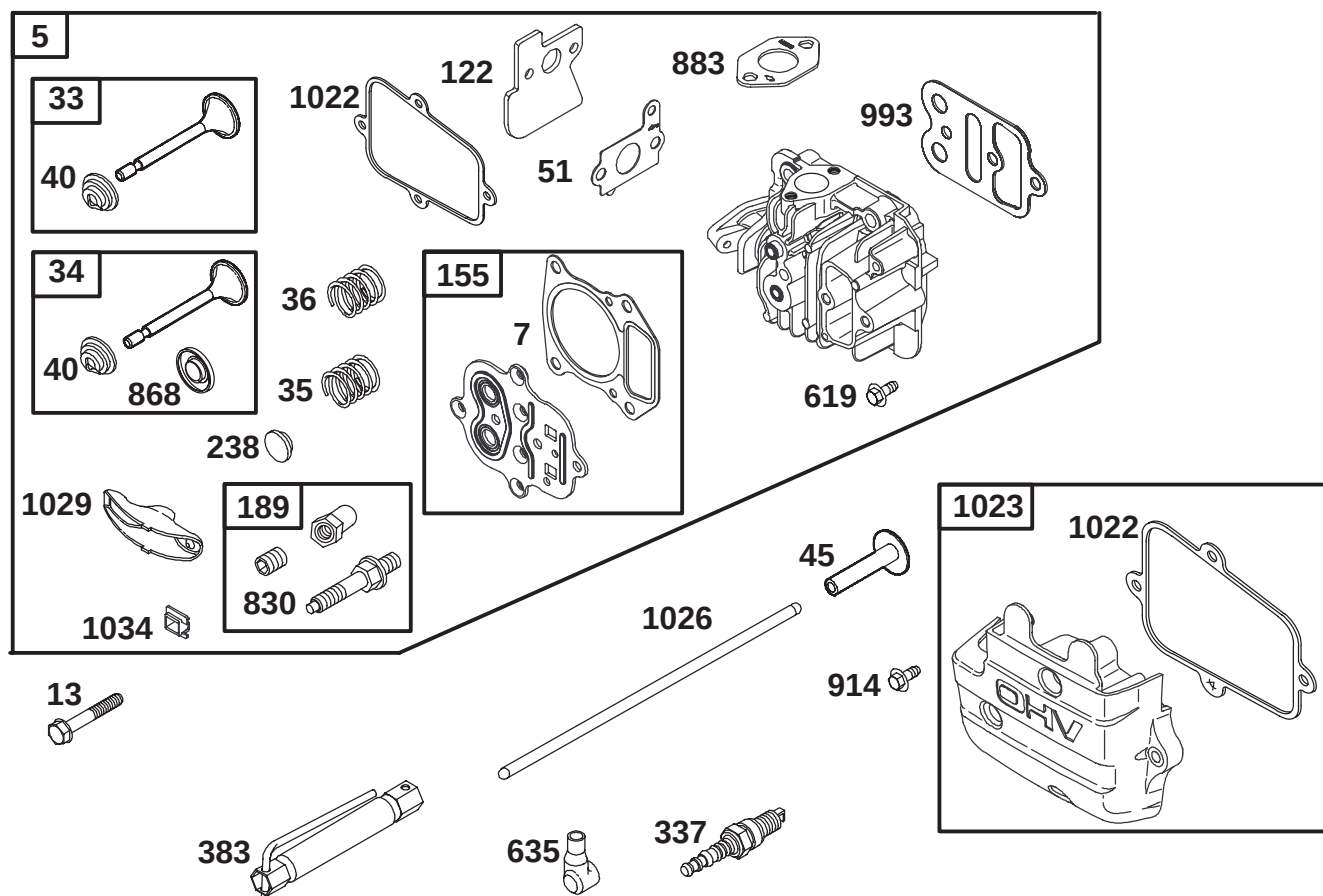
Sheet No.:2

Cylinder Assembly

Ref. No.	Part No.	Qty.	Description
1	99-0900	1	Cylinder ASM
2	99-0911	1	Bushing
★3	77-9060	1	Seal – Oil
8	77-9260	1	Breather ASM
★9	99-0913	1	Gasket–Breather
10	99-0914	1	Screw–HH
11	99-0915	1	Tube–Breather
287	99-0927	1	Screw–HH
306	99-0919	1	Cylinder Shield
307	99-0920	1	Screw–HH
523	100-9146	1	Dipstick
★524	77-7300	1	O–Ring
525	99-0906	1	Tube–Oil Filter
584	99-0922	1	Baffle–Cylinder
★585	77-7410	1	Gasket–Breather
684	99-0920	1	Screw–HH
718	77-7600	1	Dowel – Sleeve
★842	77-7270	1	O–Ring
847	98-9209	1	Dipstick Tube ASM

Ref. No.	Part No.	Qty.	Description

★ Included in Engine Gasket Set—See Ref. 358.



Assemblies include all parts shown in frames.

Sheet No.:3

Cylinder Head Assembly

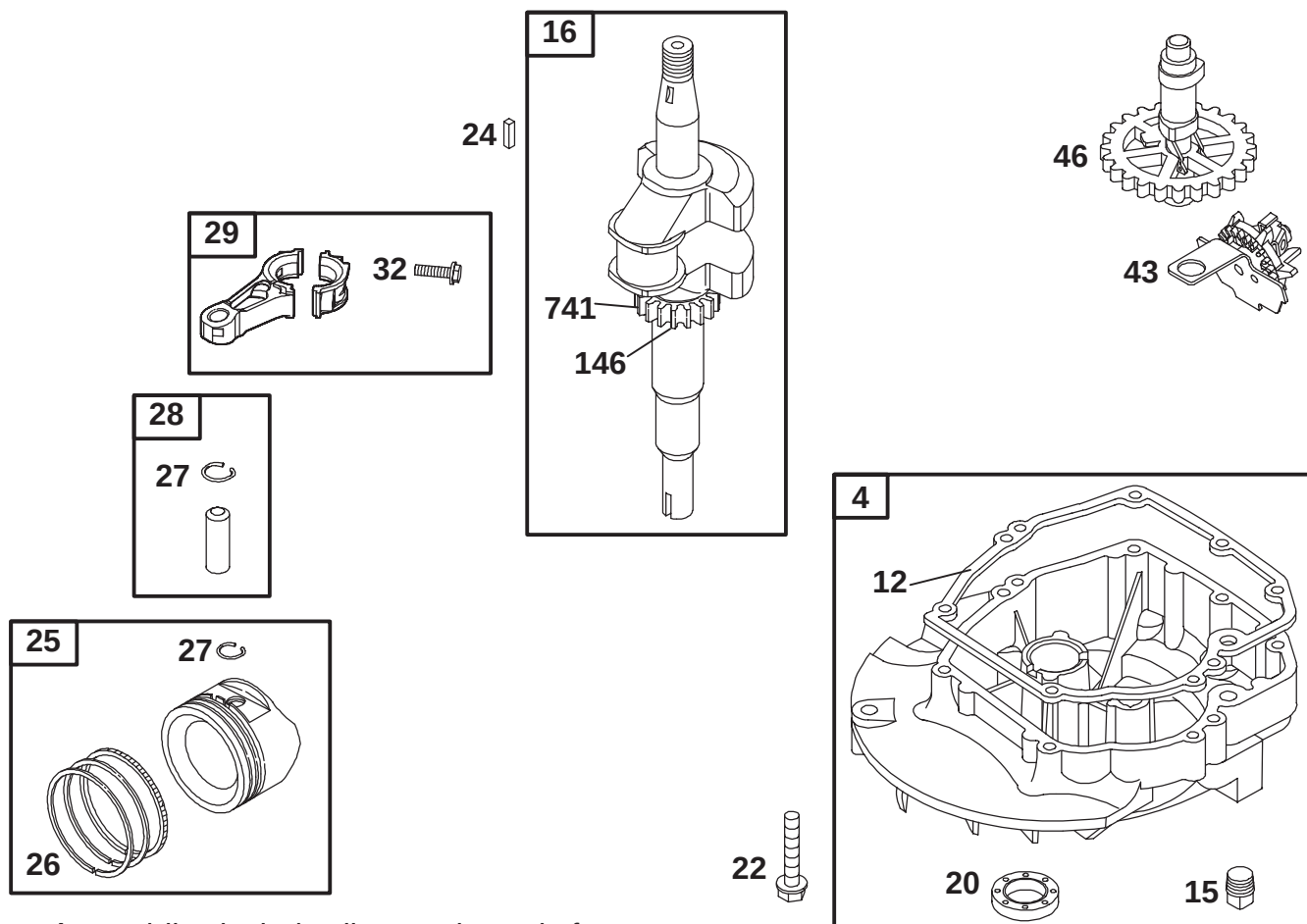
Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
5	99-0929	1	Cylinder Head	1023	98-9211	1	Cover-Rocker & Gasket
★△7	99-0930	1	Gasket-Cylinder Head	1026	99-0949	1	Rod-Push
13	99-0931	1	Screw-HH	1029	99-0950	1	Arm-Rocker
33	99-0932	1	Valve-Exhaust	1034	99-0951	1	Guide-Push, Rod
34	99-0933	1	Valve-Intake				
35	99-0934	1	Spring-Valve				
36	99-0934	1	Spring-Valve				
40	99-0935	1	Retainer-Spring, Valve				
45	99-0936	1	Tappet-Valve				
★◆△51	99-0968	1	Gasket-Intake				
★◆△122	99-0978	1	Gasket-Intake				
155	99-0938	1	Plate-Cylinder Head				
189	99-0939	1	Ball-Rocker Arm				
238	99-0940	1	Cap-Valve				
337	77-7330	1	Spark Plug				
383	99-0944	1	Wrench-Spark Plug				
619	99-0941	1	Screw-HH				
635	77-9190	1	Elbow-Sparkplug				
830	99-0945	1	Stud-Rocker Arm				
★△868	99-0946	1	Seal-Valve				
★△883	99-0947	1	Gasket-Exhaust				
914	100-9147	1	Screw - Rocker Cover				
★△993	99-6264	1	Gasket-Plate				
★△1022	99-0907	1	Gasket-Cover, Rocker				

★ Included in Engine Gasket Set-See Ref. 358

● Included in Carburetor Overhaul Kit-See Ref. 121

◆ Included in Carburetor Gasket Set-See Ref. 977

△ Included in Valve Gasket Set-See Ref. 1095



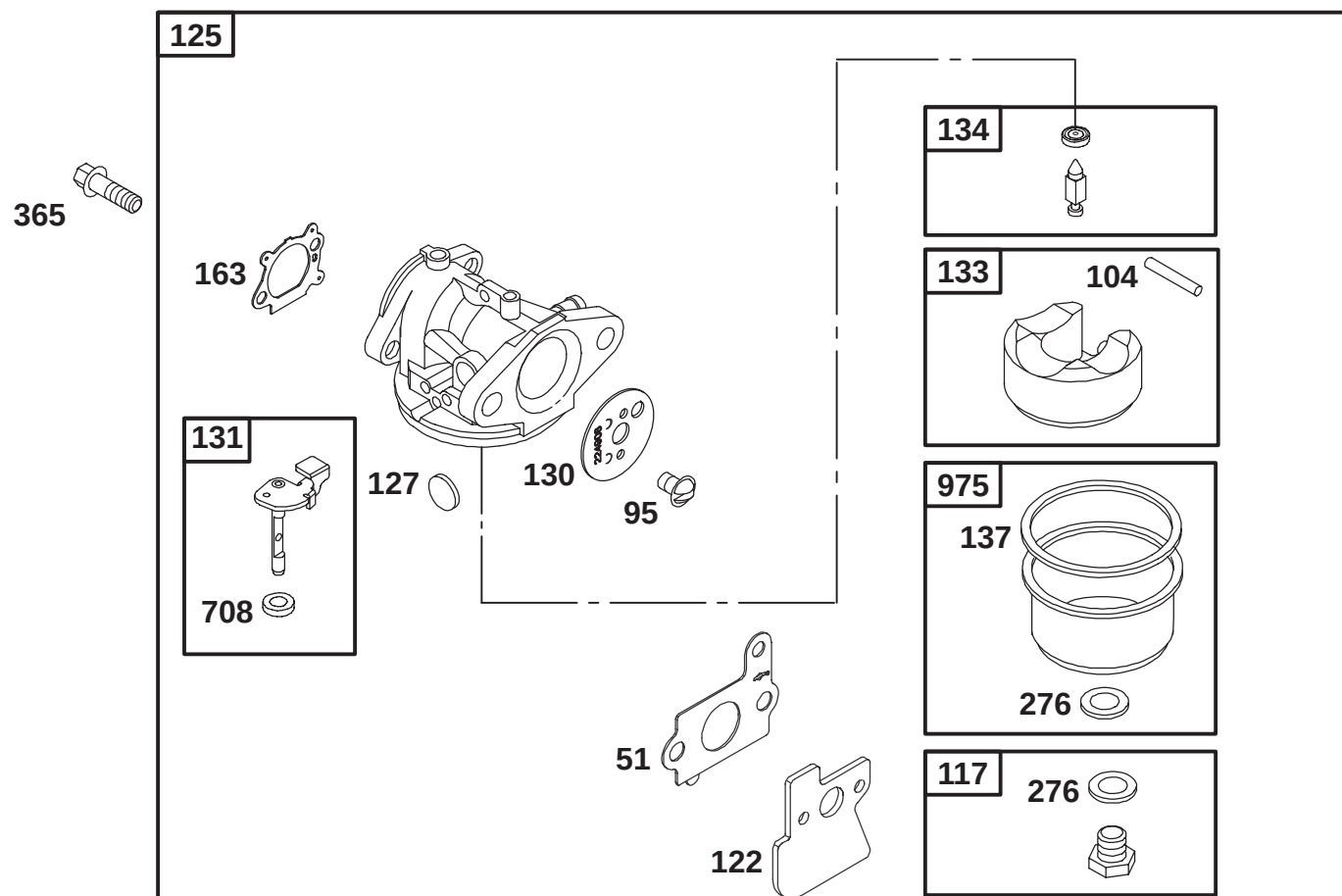
Sheet No.:4

Crankcase and Crankshaft Assembly

Ref. No.	Part No.	Qty.	Description
4	99-0952	1	Sump-Engine
★12	99-0953	1	Gasket-Crankcase
15	99-0954	1	Plug-Drain, Oil
16	105-0511	1	Crankshaft
★20	99-0955	1	Seal-Oil
22	99-0957	1	Key-Flywheel
24	77-8340	1	Key - Flywheel
25	99-0958	1	Piston ASM
26	99-0959	1	Ring Set
27	99-0960	1	Lock-Pin, Piston
28	99-0961	1	Pin-Piston
29	99-0962	1	Rod-Connecting
32	99-0963	1	Screw-Rod, Connecting
43	99-0964	1	Slinger-Oil, Governor
46	99-0965	1	Gear-Cam
146	99-0966	1	Key-Timing
741	99-0967	1	Gear-Timing

Ref. No.	Part No.	Qty.	Description

★ Included in Engine Gasket Set—See Ref. 358.



Assemblies include all parts shown in frames.

Sheet No.:5

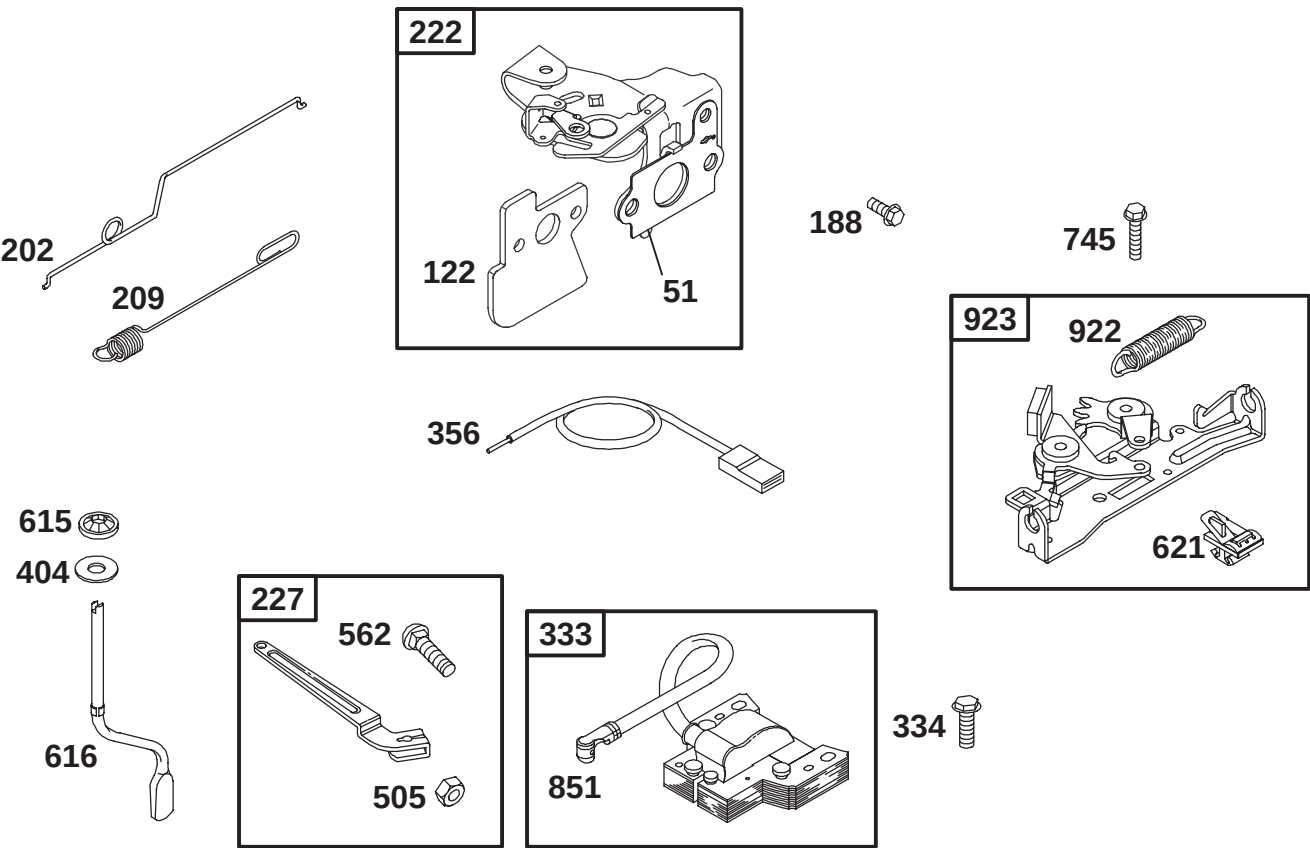
Carburetor Overhaul Kit Assembly

Ref. No.	Part No.	Qty.	Description
★◆●△51	99-0968	1	Gasket-Intake
95	99-0969	1	Screw-SPH
●104	99-0970	1	Pin-Hinge, Float
117	99-0971	1	Jet-Main
★◆●△122	99-0978	1	Gasket-Intake
125	99-0973	1	Carburetor
●127	100-9107	1	Plug-Welch
130	99-0974	1	Valve-Throttle
131	99-0975	1	Shaft-Throttle
133	77-8170	1	Float-Carburetor
●134	77-8110	1	Valve - Float
◆●137	104-7550	1	Gasket (Disc, Instead Use 77-8200)
★◆●△163	99-0976	1	Gasket-Air Cleaner
●276	100-5038	1	Washer-Sealing
365	99-0972	1	Shoulder Screw
◆●708	100-5037	1	Seal-Dust
975	99-0977	1	Bowl-Float

Ref. No.	Part No.	Qty.	Description

- ★ Included in Engine Gasket Set—See Ref. 358
- Included in Carburetor Overhaul Kit—See Ref. 121

- ◆ Included in Carburetor Gasket Set—See Ref. 977
- △ Included in Valve Gasket Set—See Ref. 1095



Assemblies include all parts shown in frames. Sheet No.:6

Governor Assembly

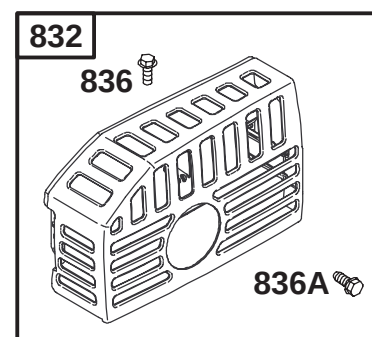
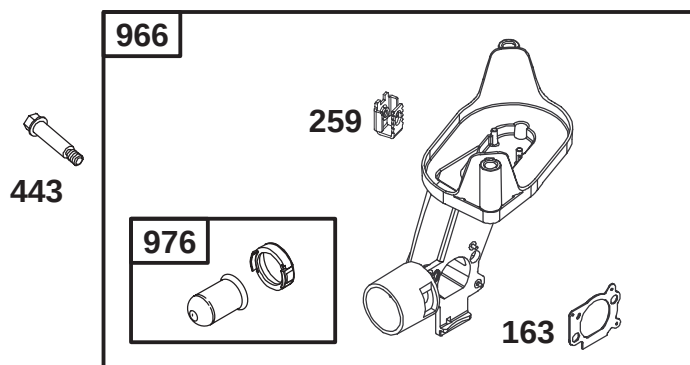
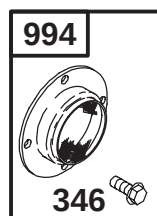
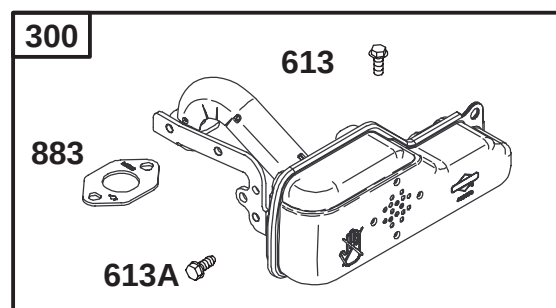
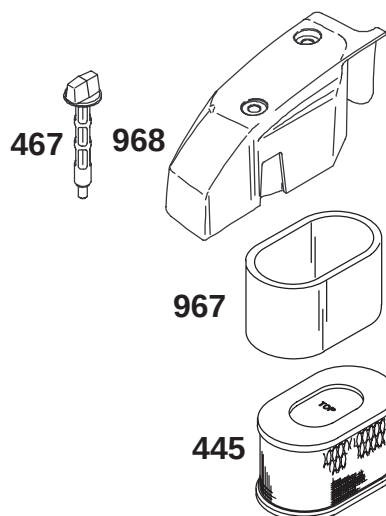
Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
★♦♦△51	99-0968	1	Gasket-Intake				
★♦♦△122	99-0978	1	Gasket-Intake				
188	100-5031	1	Screw-Control Bracket				
202	99-0981	1	Link-Governor				
209	99-0982	1	Spring-Governor				
222	100-2891	1	Bracket-Control				
227	99-0917	1	Lever ASM-Governor				
333	99-1005	1	Armature-Magneto				
334	99-1006	1	Screw-HH				
356	99-1007	1	Wire-Stop				
404	99-0918	1	Washer-Crank, Governor				
505	99-0924	1	Nut-Hex				
562	99-0921	1	Screw-HH				
615	99-0925	1	Fastener				
616	99-0926	1	Crank-Governor				
621	99-0986	1	Switch-Stop				
745	99-0983	1	Screw-HH				
851	77-9450	1	Terminal - Spark Plug				
922	99-0987	1	Spring-Brake				
923	99-0988	1	Brake Assembly				

★ Included in Engine Gasket Set-See Ref. 358

♦ Included in Carburetor Overhaul Kit-See Ref. 121

△ Included in Carburetor Gasket Set-See Ref. 977

△ Included in Valve Gasket Set-See Ref. 1095



Assemblies include all parts shown in frames.

Sheet No.:7

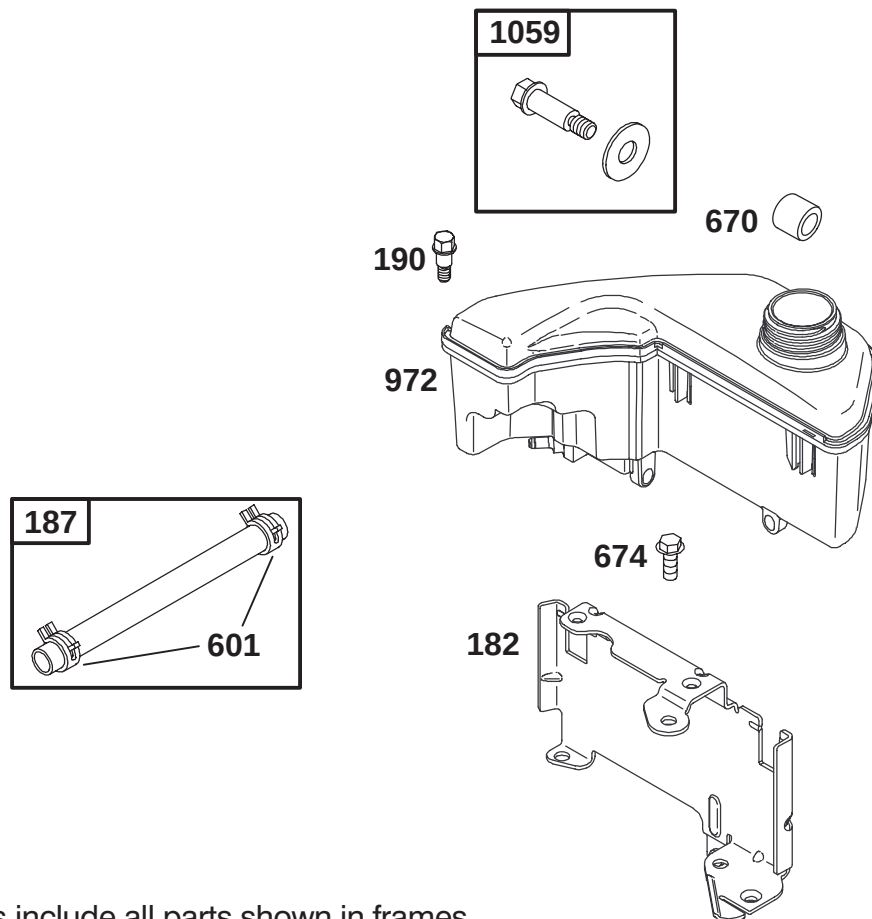
Air Cleaner and Exhaust Assembly

Ref. No.	Part No.	Qty.	Description
★◆◆△163	99-0976	1	Gasket-Air Cleaner
259	99-0984	1	Grommet
300	99-0995	1	Muffler-Exhaust
443	99-0990	1	Hex Screw
445	98-9212	1	Element - Air Filter
467	100-9108	1	Knob-Air Cleaner
613	99-1047	1	Screw-HH
676	99-1044	1	Deflector-Muffler
677	100-9148	1	Screw
832	98-9206	1	Guard-Muffler
836	94-1674	1	Screw-HH
★△883	99-0947	1	Gasket-Exhaust
966	99-0979	1	Base-Air Cleaner
967	99-0989	1	Foam Pre-Filter Wrap
968	98-9207	1	Cover-Air Cleaner
976	99-0991	1	Primer
613A	99-0941	1	Screw-HH
836A	99-0999	1	Screw-HH

Ref. No.	Part No.	Qty.	Description

- ★ Included in Engine Gasket Set—See Ref. 358
- Included in Carburetor Overhaul Kit—See Ref. 121

- ◆ Included in Carburetor Gasket Set—See Ref. 977
- △ Included in Valve Gasket Set—See Ref. 1095



Assemblies include all parts shown in frames.

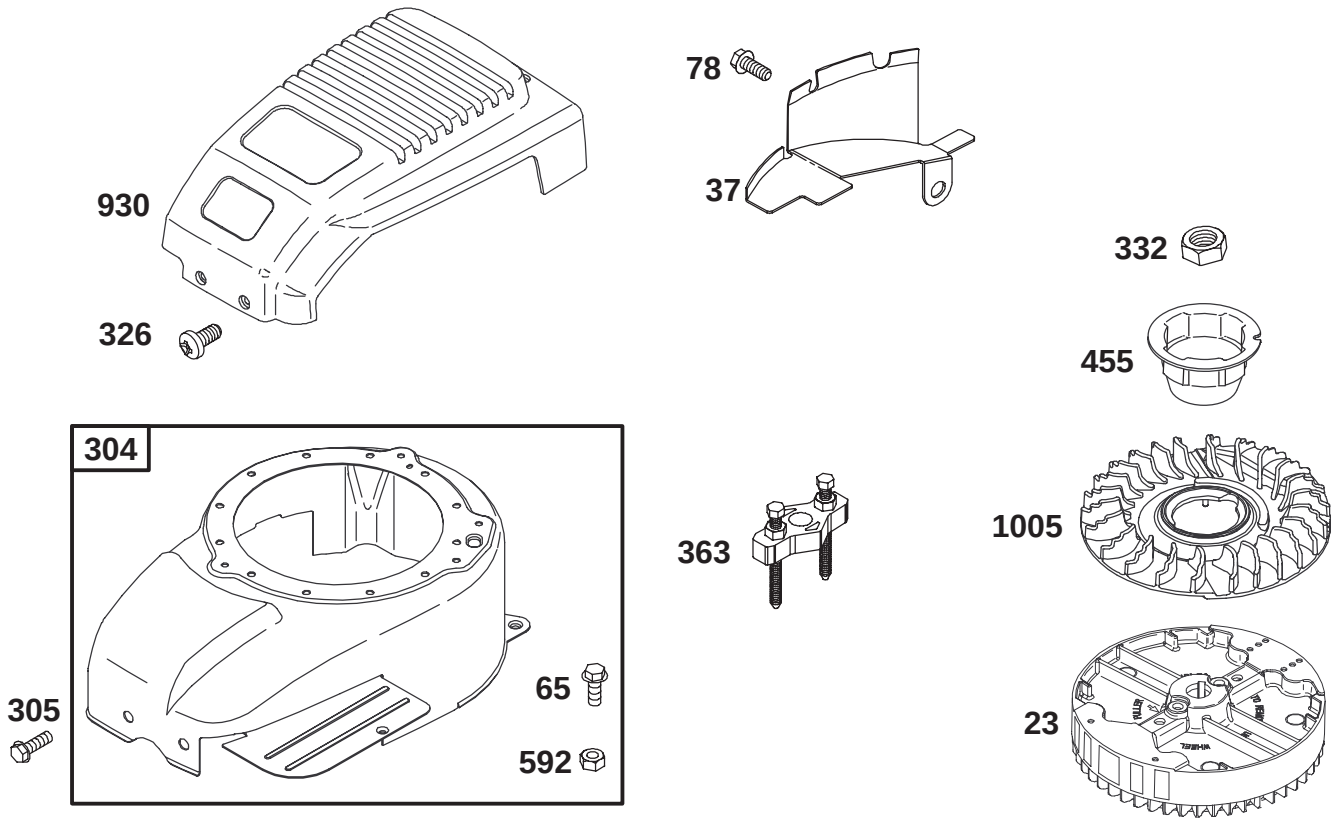
Sheet No.:11

Fuel Tank Assembly

Ref. No.	Part No.	Qty.	Description
182	98-9205	1	Bracket-Fuel Tank
187	99-0992	1	Fuel Line
190	99-0994	1	Screw-HH
601	78-4690	1	Clamp-Hose
670	99-0997	1	Spacer-Fuel Tank
674	98-9202	1	Screw-Tank Bracket
972	99-1000	1	Tank-Fuel
1059	99-0993	1	Screw-Shoulder

Ref. No.	Part No.	Qty.	Description

★ Included in Engine Gasket Set—See Ref. 358



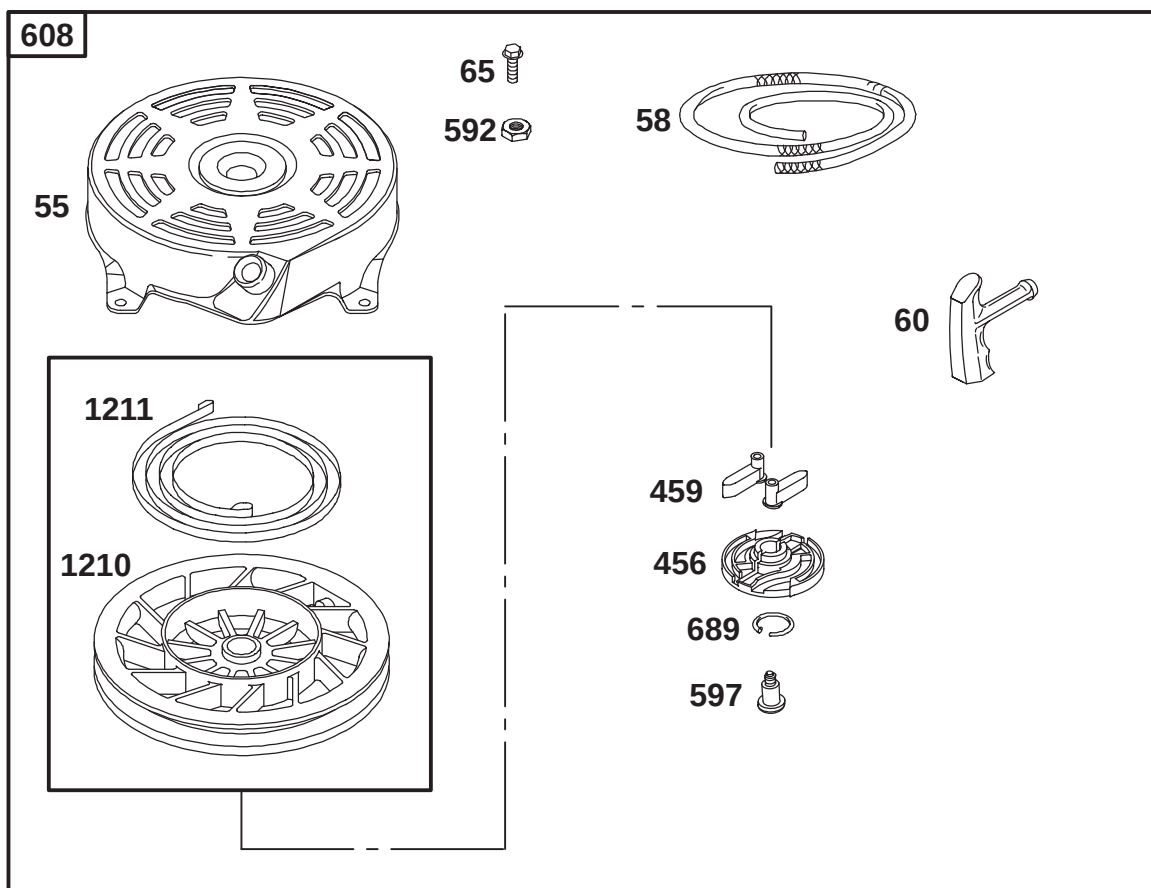
Assemblies include all parts shown in frames.

1036 EMISSIONS LABEL

Sheet No.:8

Flywheel Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
23	99-1001	1	Flywheel				
65	99-1002	1	Screw-HH				
304	99-1003	1	Housing-Blower				
305	99-0941	1	Screw-HH				
326	98-9204	1	Screw-Shroud				
332	94-1673	1	Nut - Flywheel				
363	99-1008	1	Puller-Flywheel				
455	99-1010	1	Cup-Flywheel				
592	99-1009	1	Nut-Hex				
930	98-9203	1	Guard, Rewind				
1005	99-1015	1	Fan-Flywheel				
1036	99-1016	1	Kit-Label, Emissions				



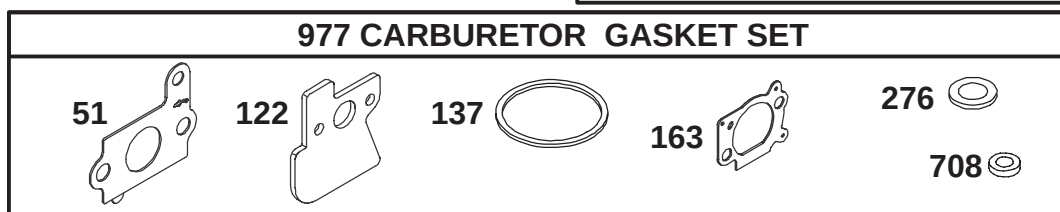
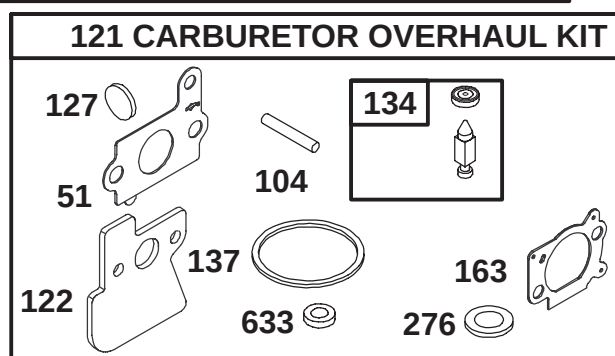
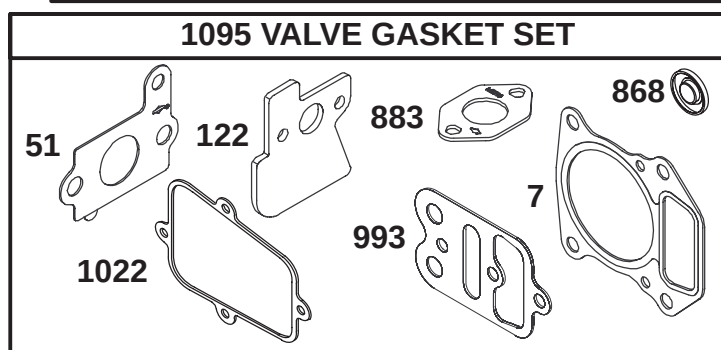
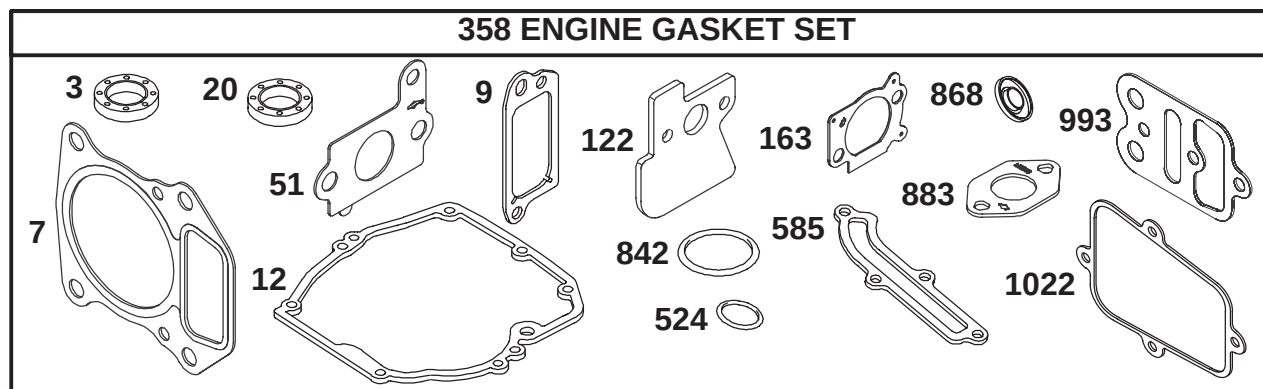
Assemblies include all parts shown in frames.

Sheet No.:9

Starter Assembly

Ref. No.	Part No.	Qty.	Description
55	99-1048	1	Housing-Starter
58	94-1668	1	Rope - Starter
60	77-8510	1	Handle - Rewind Starter
65	99-1002	1	Screw-HH
456	94-1659	1	Retainer-Rewind Starter
459	94-1654	1	Pawl - Starter
592	100-9149	1	Nut (Rewind Starter)
597	94-1660	1	Screw - Shoulder
608	98-9215	1	Assembly - Rewind
689	94-1655	1	Spring - Torsion
1210	94-1657	1	Pulley - Rewind Starter
1211	94-1657	1	Pulley - Rewind Starter

Ref. No.	Part No.	Qty.	Description



Sheet No.:10

Gasket Sets

Ref. No.	Part No.	Qty.	Description
★3	99-0912	1	Oil Seal
★Δ7	99-0930	1	Gasket-Cylinder Head
★9	99-0913	1	Gasket-Breather
★12	99-0953	1	Gasket-Crankcase
★20	99-0955	1	Seal-Oil
★◆Δ51	99-0968	1	Gasket-Intake
104	99-0970	1	Pin-Hinge, Float
121	100-5036	1	Carburetor Kit (Service)
★◆Δ122	99-0978	1	Gasket-Intake
◆127	100-9107	1	Plug-Welch
134	77-8110	1	Valve - Float
◆137	104-7550	1	Gasket (Disc, Instead Use 77-8200)
★◆163	99-0976	1	Gasket-Air Cleaner
◆276	100-5038	1	Washer-Sealing
358	100-5035	1	Engine Overhaul Gasket Set
524	77-7300	1	O-Ring
585	99-0925	1	Fastener
◆708	100-5037	1	Seal-Dust
★842	77-7270	1	O-Ring
★Δ868	99-0946	1	Seal-Valve
★Δ883	99-0947	1	Gasket-Exhaust
977	100-5034	1	Gasket

Ref. No.	Part No.	Qty.	Description
★Δ993	99-0948	1	Set-Carburetor Plate Gasket
★Δ1022	99-0907	1	Gasket-Cover, Rocker
1095	100-5033	1	Valve Overhaul Gasket Set

★ Included in Engine Gasket Set-See Ref. 358

● Included in Carburetor Overhaul Kit-See Ref. 121

◆ Included in Carburetor Gasket Set-See Ref. 977

Δ Included in Valve Gasket Set-See Ref. 1095

