Form No. 3325-518

SR–21OS

Recycler® Mower

Model No. 20040–210000001 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.

© The TORO Company — 2001
All Rights Reserved

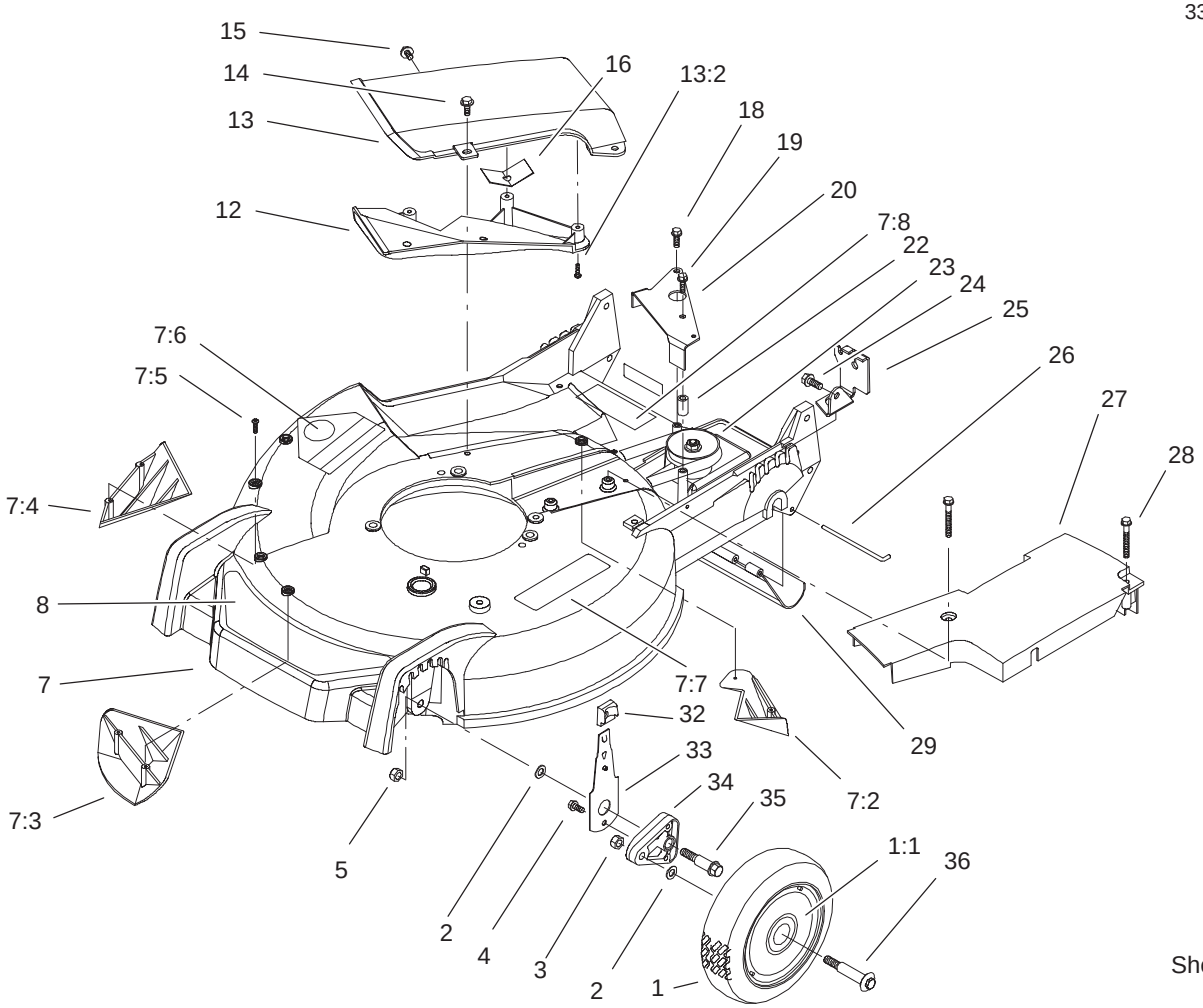
Contents

Description	Page
Housing and Wheel Assembly	3
Gear Case Assembly 104–7618	4
Gear Case and Wheel Assembly	5
Engine and Blade Assembly	6
Handle Assembly	7
Cylinder Assembly	8
Cylinder Head Assembly	9
Crankshaft and Piston Assembly	10
Carburetor Assembly	11
Governor Assembly	12
Air Cleaner Assembly	13
Fuel Tank Assembly	14
Blower Housing and Flywheel Assembly	15
Rewind Starter Assembly	16
Gasket Assembly	17

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
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

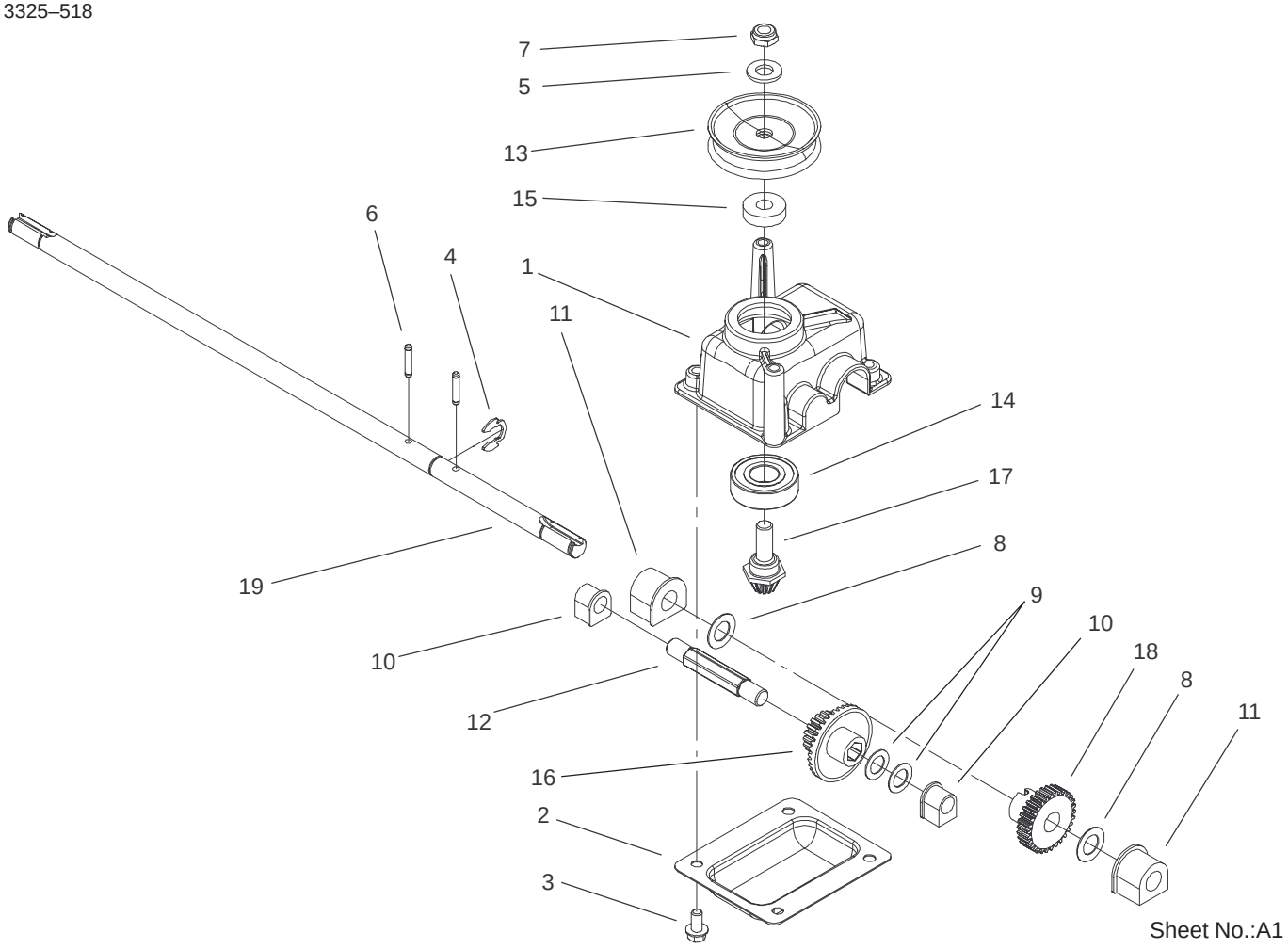


Sheet No.:2

Housing and Wheel Assembly

Ref. No.	Part No.	Qty.	Description
1	98–7130	2	Wheel ASM
1:1	27–6250	2	Bushing
2	40–1940	4	Washer
3	603773	2	Nut
4	32144–85	2	Screw–HH
5	3296–6	2	Nut–Lock, NI
7	98–7148	1	Housing
7:2	92–1750	1	Kicker–Rear
7:3	92–1720	1	Kicker–Front
7:4	92–1730	1	Kicker–RH
7:5	32144–111	6	Screw–PPH
7:6	43–8480	1	Decal–Danger
7:7	93–0248	1	Decal – Warning
7:8	99–6018	1	Decal – Warning
8	99–6010	1	Decal – Deck
12	82–8620	1	Deflector
13	100–8775	1	Recycler Cover ASM
13:2	32144–111	5	Screw–PPH
14	46–6811	3	Screw–HWH
15	46–6810	1	Screw & Washer ASM
16	83–4750	1	Cover Guard
18	49–2040	1	Screw–Tapping
19	92–1616	1	Screw–HWHTF
20	99–1513–03	1	Bracket–Transmission Actuator

Ref. No.	Part No.	Qty.	Description
22	614673	1	Bushing–Plate, Actuator
23	104–7618	1	Gear Case ASM
24	32144–70	1	Screw–HH
25	99–1512–03	1	Bracket–Cable, Traction
26	33–3208	1	Rod–Shield
27	104–7906	1	Cover–Belt
28	37–7260	2	Screw–HH
29	44–0580	1	Shield–Trailing
32	25–7740	2	Knob–Arm
33	66–0541	2	Front Spring Arm ASM
34	66–0580	2	Arm–Pivot, Front
35	66–0560	2	Bolt–Shoulder
36	92–1057	2	Bolt–Shoulder

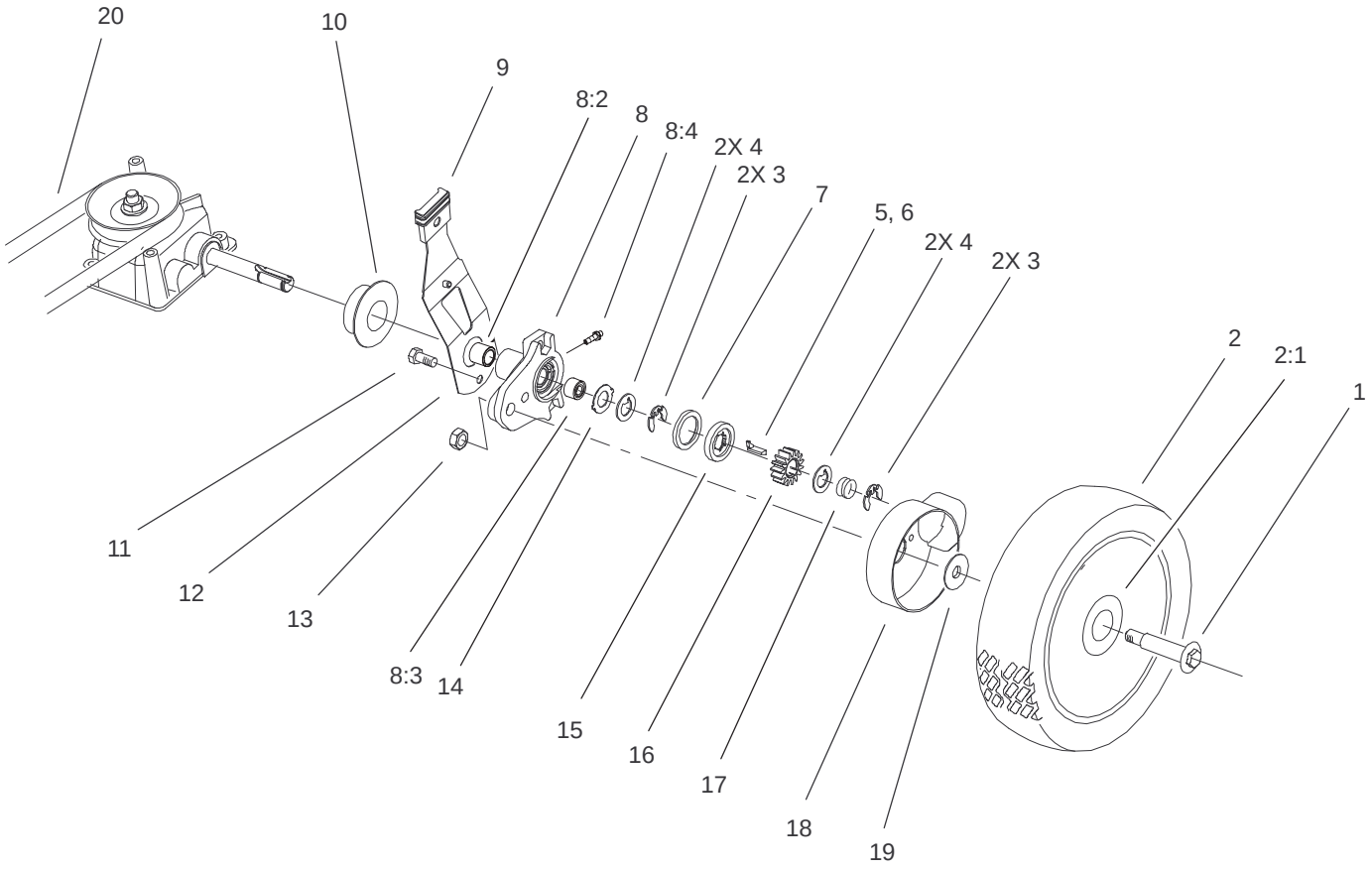


Sheet No.:A1

Gear Case Assembly 104–7618

Ref. No.	Part No.	Qty.	Description
1	104–7619	1	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	104–7673	1	Shaft–Output

Ref. No.	Part No.	Qty.	Description

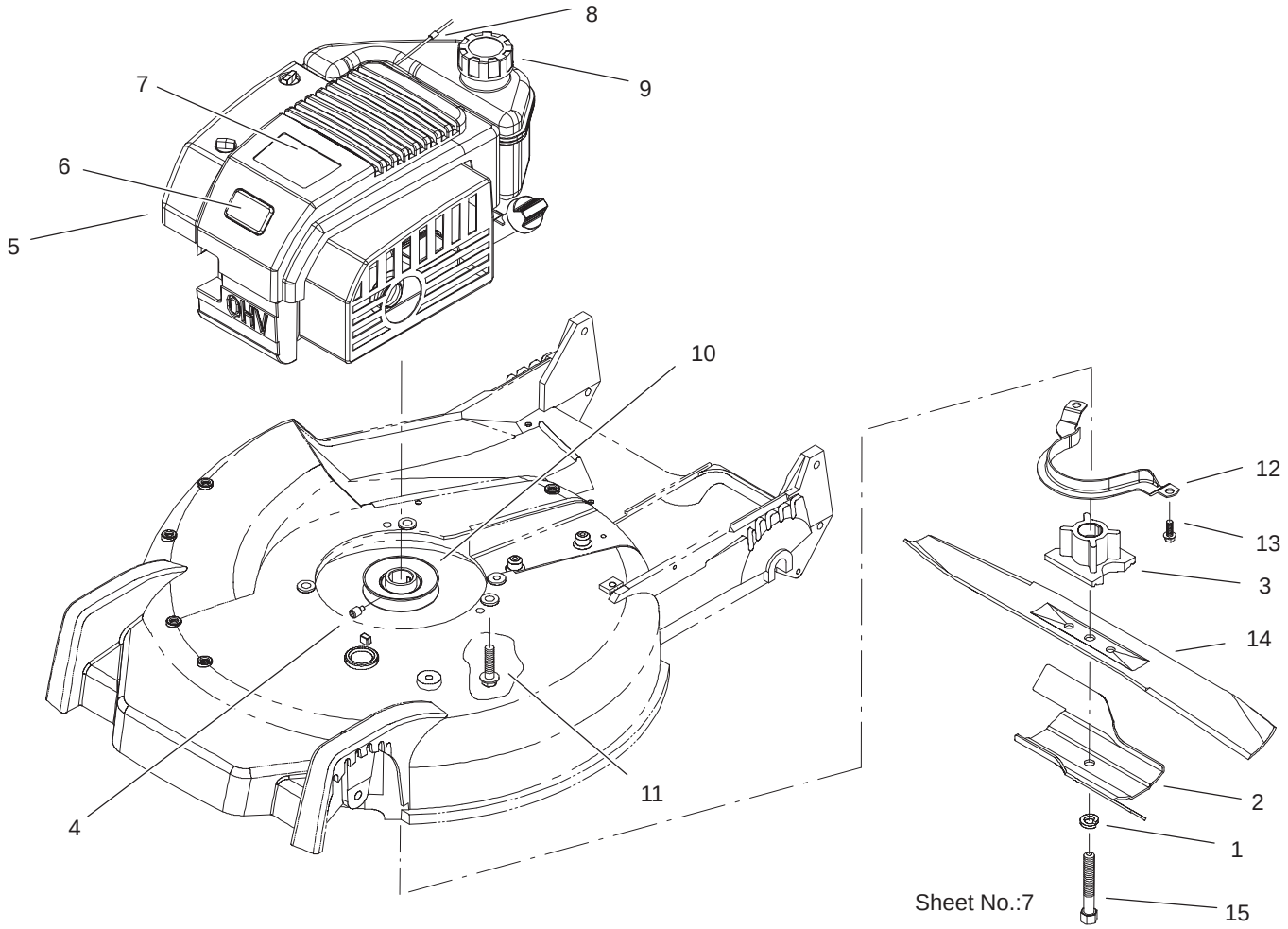


Sheet No.:3

Gear Case and Wheel Assembly

Ref. No.	Part No.	Qty.	Description
1	92–1057	2	Bolt–Shoulder
2	98–7135	2	Wheel ASM
2:1	27–6250	2	Bushing
3	65–2720	4	Ring–Klip
4	65–4740	4	Washer–Thrust, Keyed
5	66–6040	1	Key–Rocking, RH
6	66–6050	1	Key–Rocking, LH
7	65–4710	2	Ring–Friction
8	100–8774	2	Pivot Arm ASM
8:2	47–2900	1	Bushing
8:3	70–9760	1	Bushing
8:4	302–56	1	Fitting–Zerk
9	25–7740	2	Knob–Arm
10	42–3520	2	Cap–End
11	32144–85	2	Screw–HH
12	63–8721	2	Spring Arm ASM
13	603773	2	Nut
14	65–4730	2	Washer–Arm, Pivot
15	65–4760	2	Washer–Clutch
16	65–4750	2	Gear–Pinion
17	65–4720	2	Spring–Compression
18	74–1660	2	Cover–Wheel
19	74–1671	2	Spacer–Cover, Wheel
20	99–1598	1	V–Belt

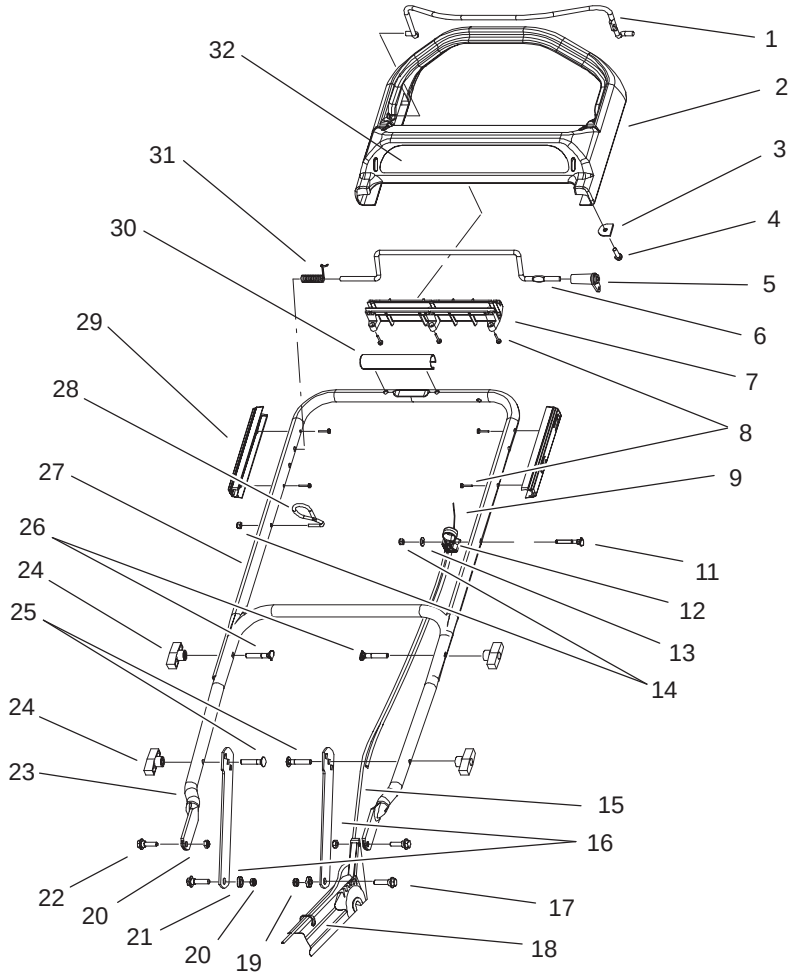
Ref. No.	Part No.	Qty.	Description



Engine and Blade Assembly

Ref. No.	Part No.	Qty.	Description
1	3253–22	1	Washer–Lock
2	94–1608–03	1	Accelerator–Blade
3	100–1100	1	Retainer–Blade
4	104–0214	1	Screw–Set
5		1	Engine–GTS 200
6	98–3206	1	Nameplate–Toro
7	99–6012	1	Decal – Recoil
8	2210–316	1	Stop–Rope
9	55–3570	1	Gas Cap ASM
10	100–1102	1	Pulley ASM
11	32144–102	3	Screw–HWH
12	99–1526–03	1	Guide–Belt
13	32144–70	2	Screw–HH
14	93–4106–03	1	Blade–Recycler
15	95–1748	1	Screw–Blade

Ref. No.	Part No.	Qty.	Description

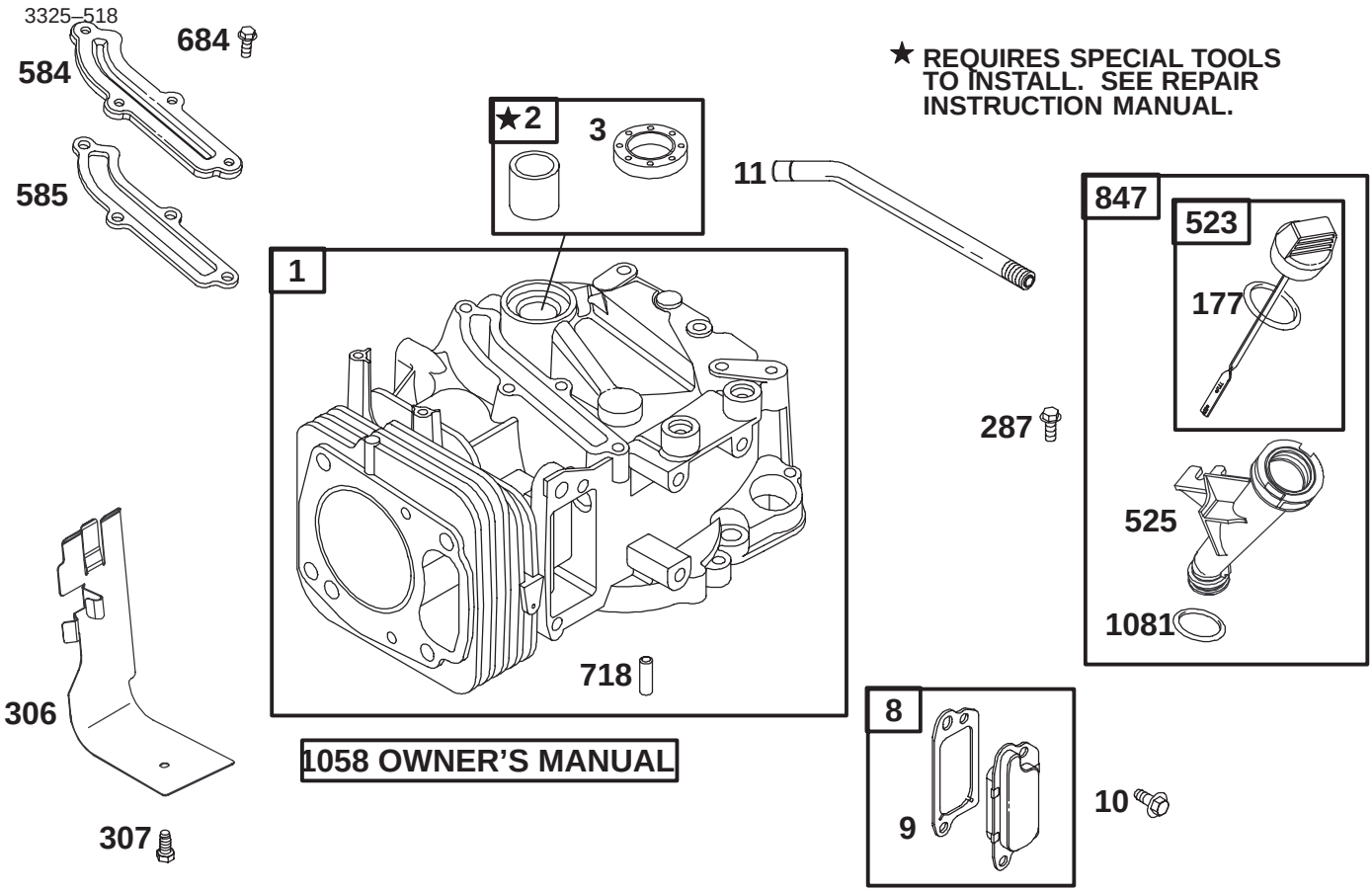


Sheet No.:8

Handle Assembly

Ref. No.	Part No.	Qty.	Description
1	99–1593–03	1	Bail–Brake
2	99–1582	1	Handle–Control
3	99–1595	1	Retainer–Cable, Brake
4	46–8091	1	Screw–HWH
5	99–1589	1	Lever–Traction
6	99–1588	1	Bar–Control, Traction
7	99–6008	1	Retainer–Control Rod, Traction
8	94–4496	10	Screw–PPH
9	100–1186	1	Cable–Brake
11	95–4453	1	Screw–Handle
12	99–5239	1	Anchor–Cable
13	3256–1	1	Washer–Flat
14	3296–73	2	Nut–Lock, NI
15	99–1584	1	Cable–Traction
16	99–5248–03	2	Latch–Handle
17	27–7210	2	Screw–Shoulder
18	100–2894	1	Tie–Cable
19	3296–47	1	Nut–Lock, NI
20	3296–72	3	Nut–Lock, NI
21	3–3287	2	Spacer–Latch, Handle
22	27–7211	2	Screw–Shoulder
23	99–5249–05	1	Handle–Lower
24	98–7134	4	Knob–Handle
25	99–6019	2	Screw–CARR
26	92–2260	2	Screw–Handle

Ref. No.	Part No.	Qty.	Description
27	99–1596–05	1	Handle–Upper
28	86–9671	1	Guide–Rope
29	99–1590	2	Guide–Handle, Control
30	99–6339	1	Cover–Handle
31	99–1592	1	Spring–Torsion, RH
32	99–6009	1	Decal – Console



Assemblies include all parts shown in frames.

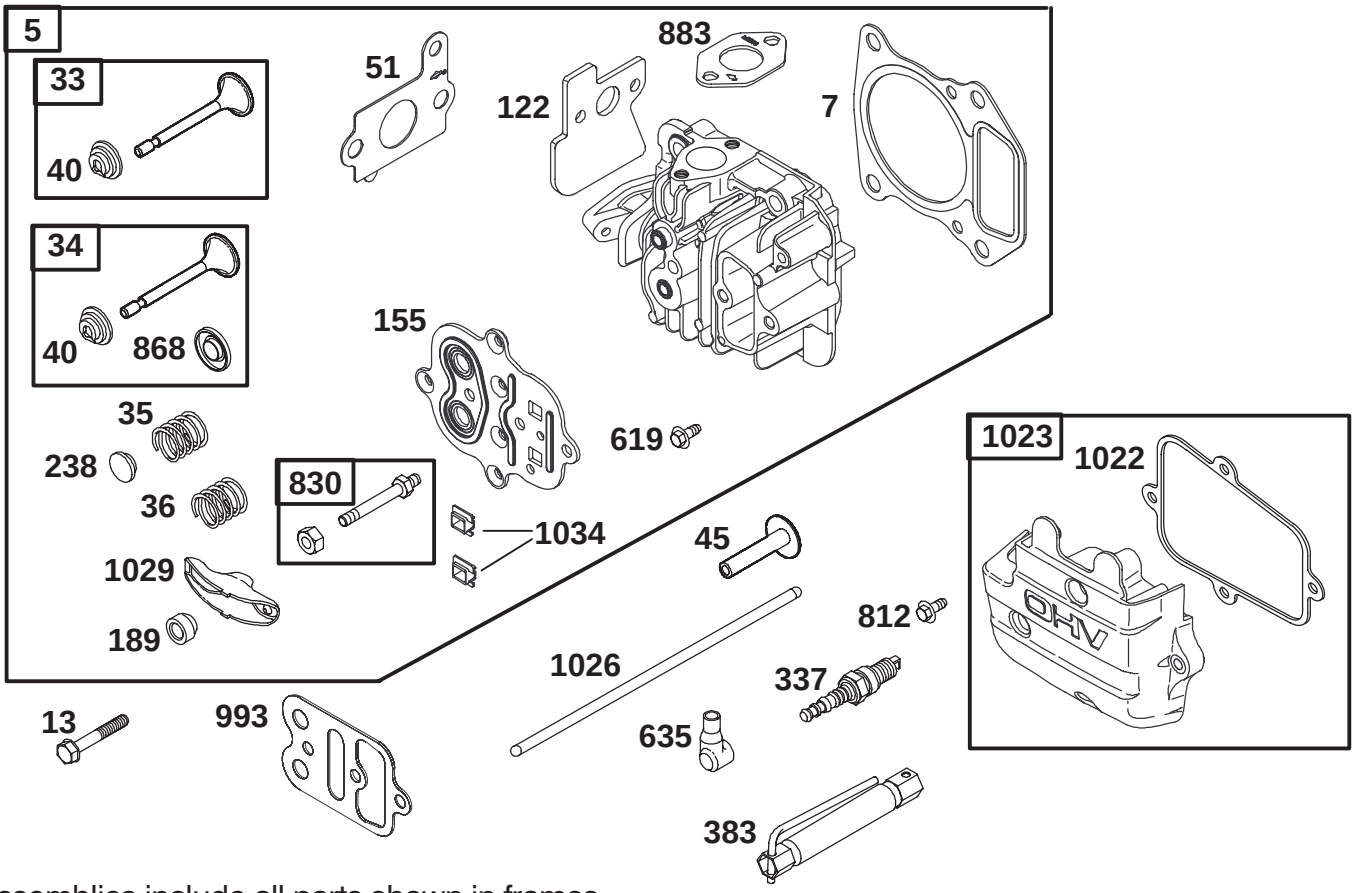
Cylinder Assembly

Ref. No.	Part No.	Qty.	Description
1	99–0900	1	Cylinder Assembly
2	99–0911	1	Bushing/Seal Kit
★3	99–0912	1	Oil Seal
8	77–9260	1	Breather Assembly
★Δ9	99–0913	1	Breather Gasket
10	99–0914	1	Screw (Breather Assembly)
11	99–0915	1	Breather Tube
★177	99–0916	1	O Ring Seal(Dipstick)
287	99–0927	1	Screw (Oil FIll Tube)
306	99–0919	1	Shield–Cylinder
307	99–0920	1	Screw(Cylinder Shield)
523	77–7260	1	Dipstick
525	99–0906	1	Dipstick Tube
584	99–0922	1	Breather Passage Cover
★585	99–0923	1	Breather Passage Gasket
684	99–0920	1	Screw (Breather Passage)
718	99–0928	1	Pin–Locating
847	99–9209	1	Dipstick/Tube Assembly
1058		1	Owner's Manual
★1081	99–0916	1	O–Ring Seal(Dipstick Tube)

Ref. No.	Part No.	Qty.	Description
			––Not Illustrated––
	100–8797	1	Block–Short, ZS (Incl. Ref. # 1–3, 684, 584, 585, 9, 718. Page 23: 51, 122, 883, 1022, 7, 45, 933. Page 24: 4, 20, 15, 12, 25–29, 16, 146, 741, 32, 46, 43, 22. Page 26: 404, 615, 616.

★ Included in Gasket Set–See Ref. 358.

Δ Included in Valve Overhaul Gasket Set–See Ref. 1003.



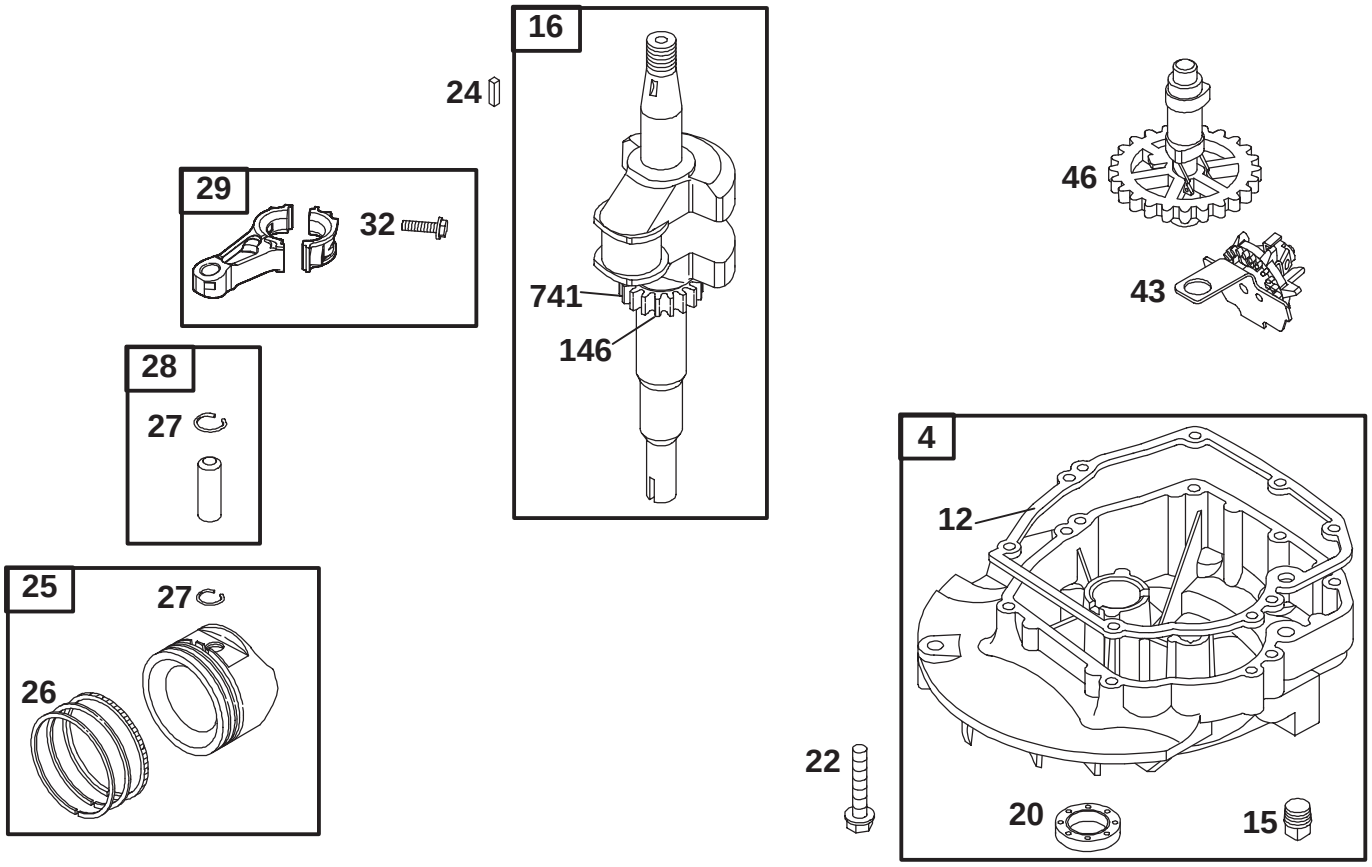
Assemblies include all parts shown in frames.

Cylinder Head Assembly

Ref. No.	Part No.	Qty.	Description
5	99–0929	1	Cylinder Head
★Δ7	99–0930	1	Cylinder Head Gasket
13	99–0931	1	Screw(Cylinder Head)
33	99–0932	1	Exhaust Valve
34	99–0933	1	Intake Valve
35	99–0934	1	Valve Spring (Intake)
36	99–0934	1	Valve Spring (Exhaust)
40	99–0935	1	Valve Retainer
45	99–0936	1	Valve Tappet
51	99–0968	1	Intake Gasket
★◆●Δ122	99–0978	1	Carburetor Spacer
155	99–0938	1	Cylinder Head Plate
189	99–0939	1	Rocker Arm Ball
238	99–0940	1	Valve Cap
383	99–0944	1	Spark Plug Wrench
619	99–0941	1	Screw (Cylinder Head Plate)
635	77–9190	1	Spark Plug Boot
812	99–0942	1	Screw (Rocker Cover)
830	99–0945	1	Stud(Rocker Arm)
★Δ868	99–0946	1	Seal–Valve
★Δ883	99–0947	1	Exhaust Gasket
★Δ993	99–6264	1	Plate Gasket
★Δ1022	98–9211	1	Rocker Cover Gasket
1023	98–9211	1	Rocker Cover
1026	99–0949	1	Push Rod

Ref. No.	Part No.	Qty.	Description
1029	99–0950	1	Rocker Arm
1034	99–0951	1	Push Rod Guide
337	77–7330	1	Plug–Spark

★ Included in Gasket Set–See Ref. 358.
● Included in Carburetor Kit–See Ref. 121.
◆ Included in Carburetor Gasket Set–See Ref. 977.
Δ Included in Valve Overhaul Gasket Set–See Ref. 1003.



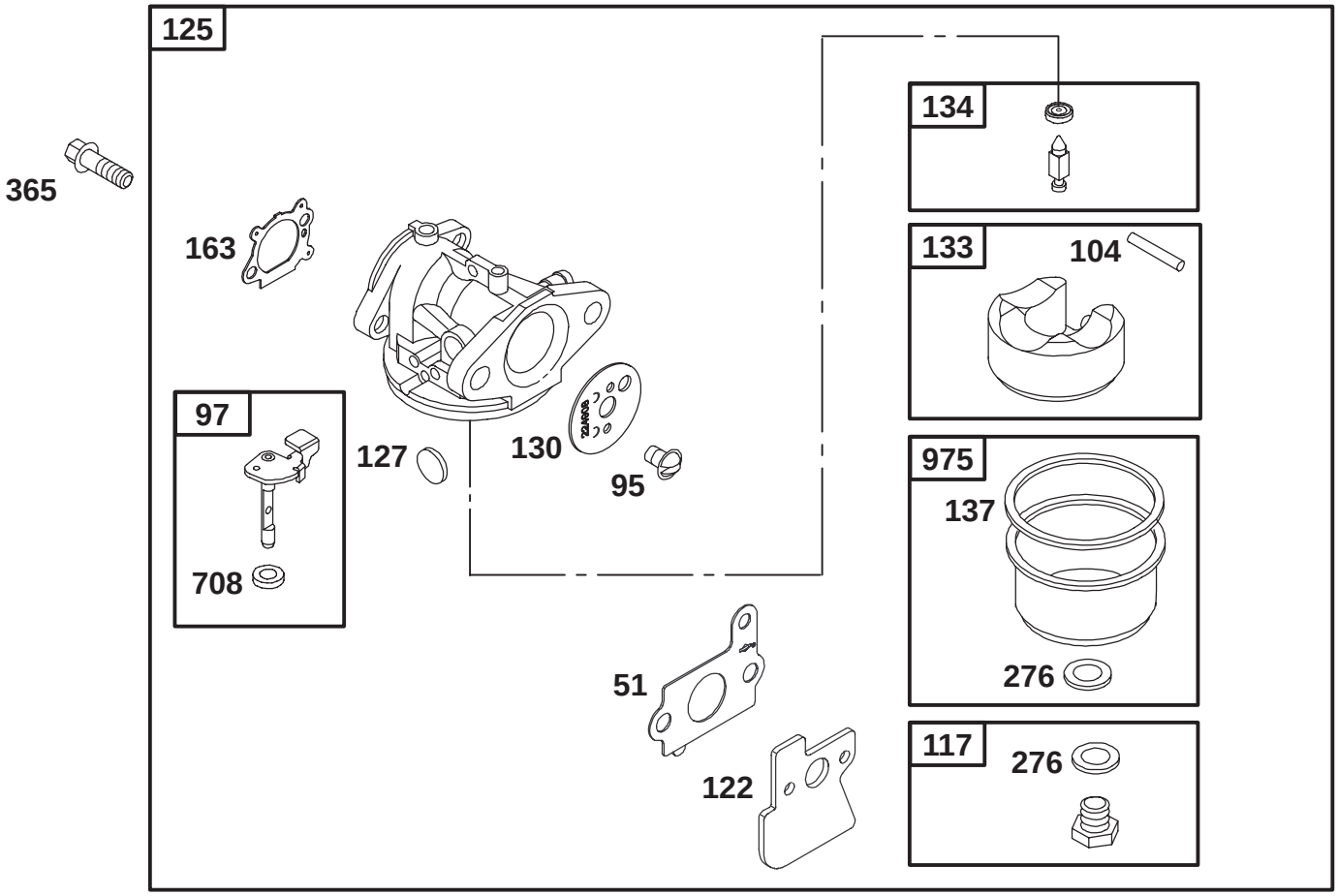
Assemblies include all parts shown in frames.

Crankshaft Assembly

Ref. No.	Part No.	Qty.	Description
4	99–0952	1	Engine Sump
★12	99–0953	1	Crankcase Gasket
15	99–0954	1	Oil Drain Plug
16	100–8796	1	Crankshaft
★20	99–0955	1	Oil Seal
22	99–0956	1	Screw (Engine Sump)
			———— Note ———
	99–1040	1	Screw (Engine Sump) (Used in Hole Nearest Breather)
24	99–0957	1	Flywheel Key
25	99–0958	1	Piston Assembly (Standard)
			———— Note ———
	100–5030	1	Piston Assembly (.010 O/S)
	100–5029	1	Piston Assembly (.020 O/S)
	100–5028	1	Piston Assembly (.030 O/S)
26	99–0959	1	Ring Set (Standard)
			–––– Note ––––
	100–5027	1	Ring Set(.010 O/S)
	100–5026	1	Ring Set(.020 O/S)
	100–5025	1	Ring Set(.030 O/S)
27	99–0960	1	Piston Pin Lock

Ref. No.	Part No.	Qty.	Description
28	99–0961	1	Piston Pin
29	99–0962	1	Connecting Rod
32	99–0963	1	Screw(Connecting Rod)
43	99–0964	1	Governor/Oil Slinger
46	99–0965	1	Camshaft
146	99–0966	1	Timing Key
741	99–0967	1	Gear–Timing

★ Included in Gasket Set–See Ref. 358.



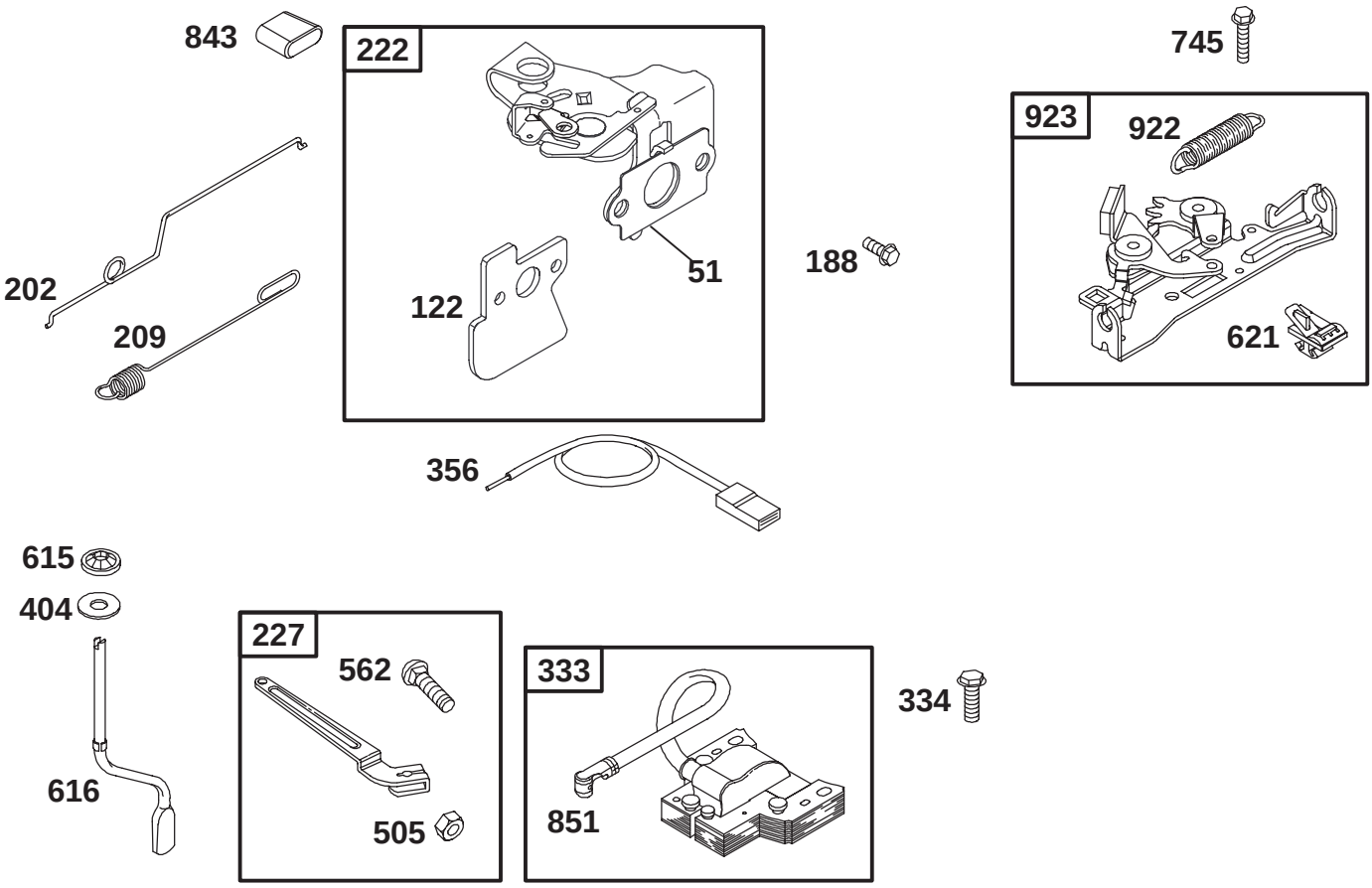
Assemblies include all parts shown in frames.

Carburetor Assembly

Ref. No.	Part No.	Qty.	Description
★◆●∆51	99–0968	1	Intake Gasket
95	99–0969	1	Screw(Throttle Valve)
◆104	99–0970	1	Float Hinge Pin
117	99–0971	1	Main Jet (Standard)
			–––– Note ––––
	99–1041	1	Main Jet (High Altitude)
★◆●∆122	99–0978	1	Carburetor Spacer
125	99–0973	1	Carburetor
●127			Welch Plug
		1	(Sold in Kit Only)
130	99–0974	1	Throttle Valve
131	99–0975	1	Throttle Shaft
133	77–8170	1	Carburetor Float
●134	77–8110	1	Needle/Seat Kit
●◆137			Float Bowl Gasket
		1	(Sold in Kit Only)
★◆●163	99–0976	1	Air Cleaner Gasket
●◆276	100–5038	1	Sealing Washer
365	99–0972	1	Screw (Carburetor)
●◆708	100–5037	1	Seal–Dust
975	99–0977	1	Bowl–Float

Ref. No.	Part No.	Qty.	Description

★ Included in Gasket Set–See Ref. 358.
● Included in Carburetor Kit–See Ref. 121.
◆ Included in Carburetor Gasket Set–See Ref. 977.
∆ Included in Valve Overhaul Gasket Set–See Ref. 1003.



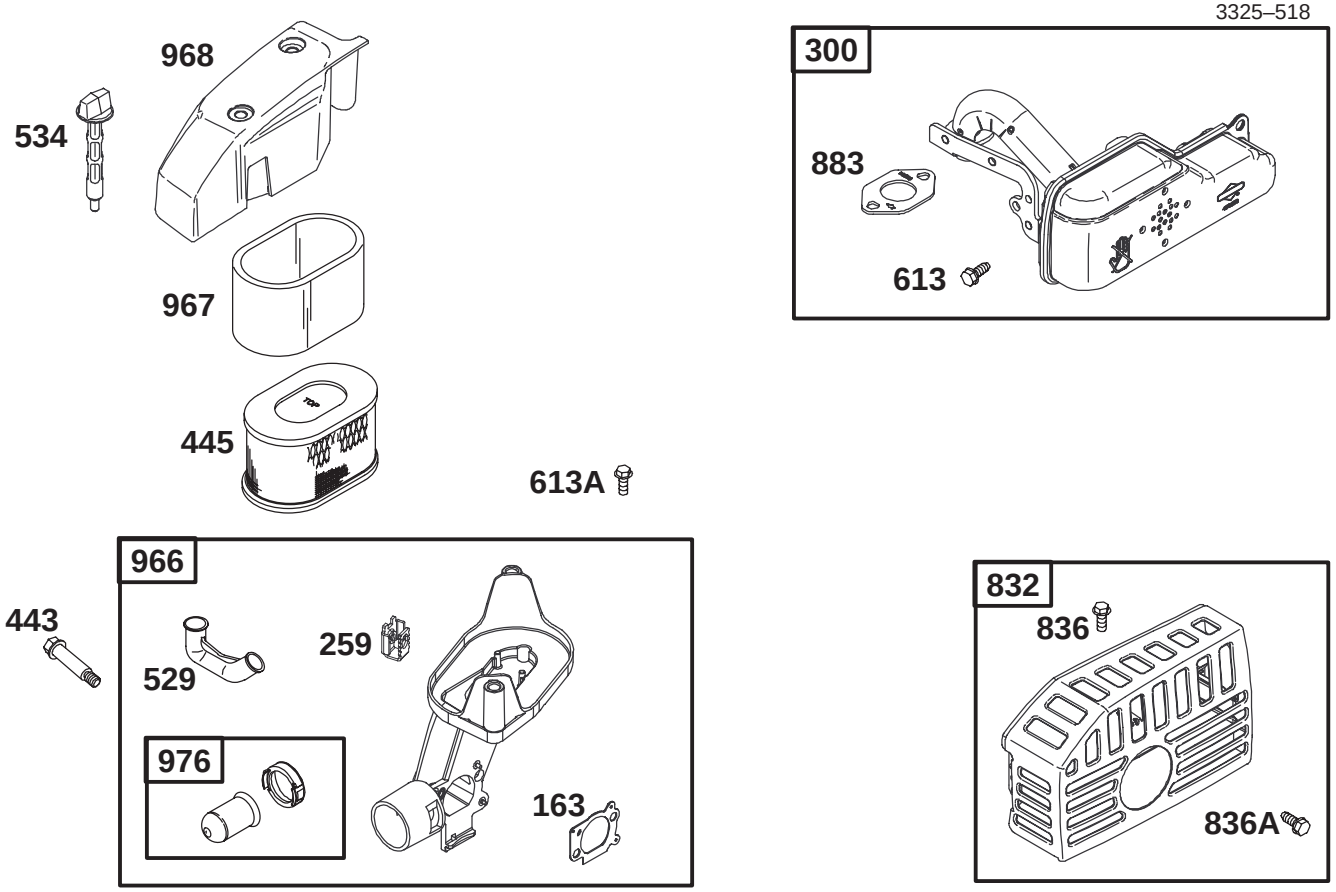
Assemblies include all parts shown in frames.

Governor Assembly

Ref. No.	Part No.	Qty.	Description
★◆●∆51	99–0968	1	Intake Gasket
★◆●∆122	99–0978	1	Carburetor Spacer
188	100–5031	1	Screw (Control Bracket)
202	99–0981	1	Governor Link
209	99–0982	1	Governor Spring
222	100–2891	1	Control Bracket
227	99–0917	1	Governor Control Lever
333	99–1005	1	Magneto Armature
334	99–1006	1	Screw.(Magneto Armature)
356	99–1007	1	Stop Wire
404	99–0918	1	Washer(Governor Crank)
505	99–0924	1	Nut(Governor Control Lever)
562	99–0921	1	Bolt(Governor Control Lever)
615	99–0925	1	Governor Shaft Retainer
616	99–0926	1	Governor Crank
621	99–0986	1	Stop Switch
745	99–0983	1	Screw (Brake)
851	77–9450	1	Spark Plug Terminal
922	99–0987	1	Brake Spring
923	99–0988	1	Brake Assembly

Ref. No.	Part No.	Qty.	Description

★ Included in Gasket Set–See Ref. 358.
● Included in Carburetor Kit–See Ref. 121.
◆ Included in Carburetor Gasket Set–See Ref. 977.
∆ Included in Valve Overhaul Gasket Set–See Ref. 1003.



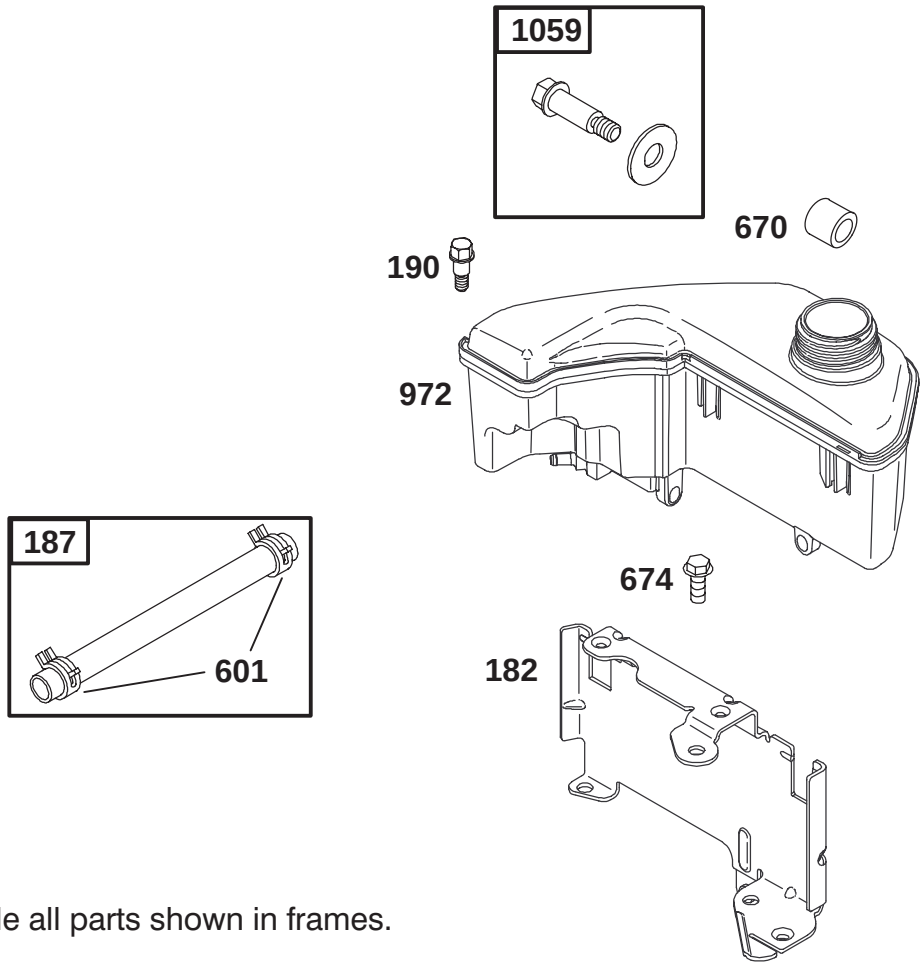
Assemblies include all parts shown in frames.

Air Cleaner Assembly

Ref. No.	Part No.	Qty.	Description
★◆●163	99–0976	1	Air Cleaner Gasket
259	99–0984	1	Casing Clamp Bracket
300	99–0995	1	Muffler–Exhaust
443	99–0990	1	Screw(Air Cleaner Primer Base)
445	98–9212	1	Filter–A/C Cartridge
529	100–5032	1	Grommet
534	98–9208	1	Knob–Air Cleaner
613	99–1047	1	Screw (Exhaust Muffler)
613A	99–0941	1	Screw (ExhaustMuffler)
832	98–9206	1	Guard–Muffler
836	94–1674	1	Screw (Muffler Guard)
836A	99–0999	1	Screw (Muffler Guard)
★Δ883	99–0947	1	Gasket–Exhaust
966	99–0979	1	Air Cleaner Primer Base
967	99–0989	1	Filter–Pre–Cleaner
968	98–9207	1	Air Cleaner Cover
976	99–0991	1	Primer–Carburetor

Ref. No.	Part No.	Qty.	Description

★ Included in Gasket Set–See Ref. 358.
● Included in Carburetor Kit–See Ref. 121.
◆ Included in Carburetor Gasket Set–See Ref. 977.
Δ Included in Valve Overhaul Gasket Set–See Ref. 1003.

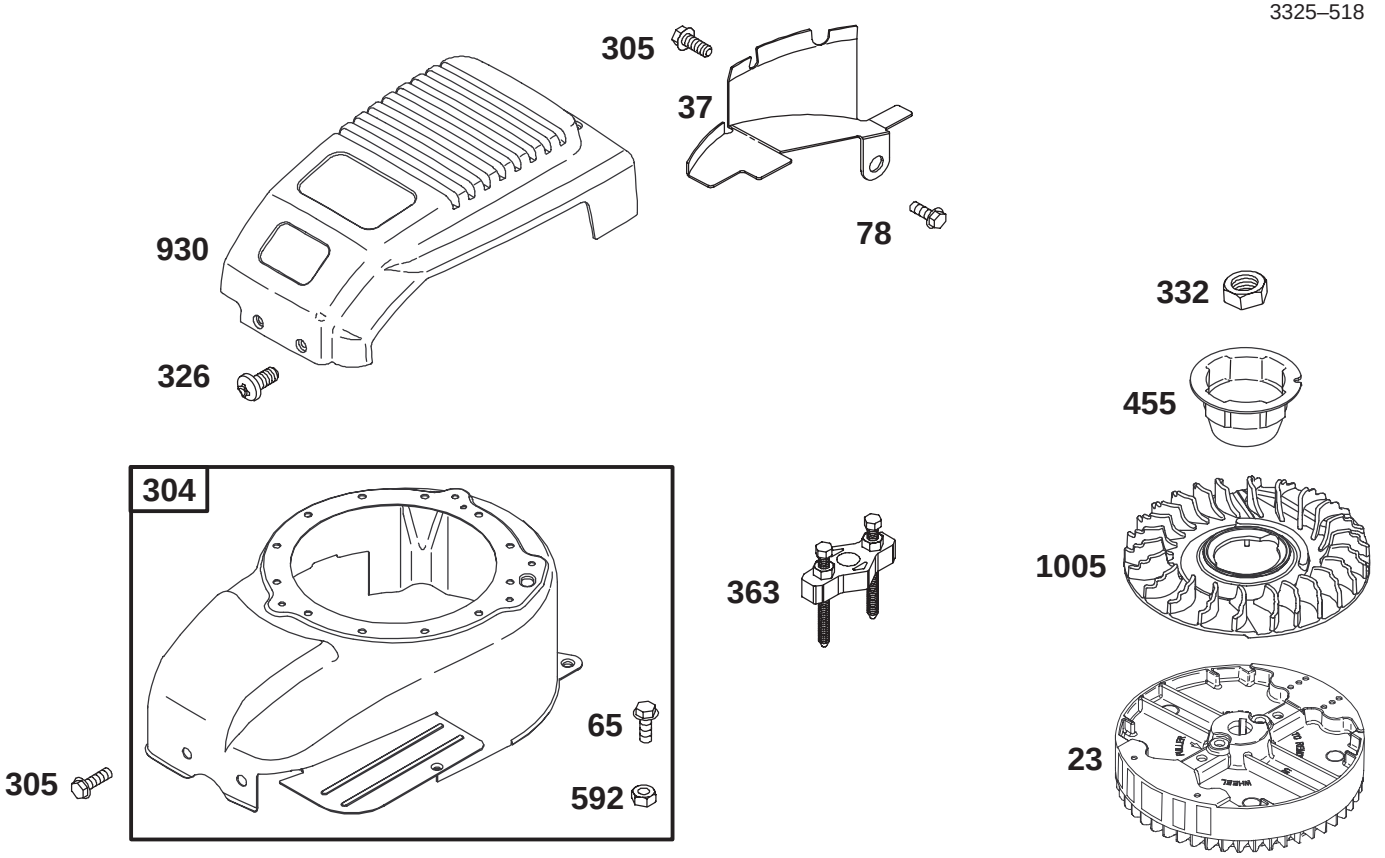


Assemblies include all parts shown in frames.

Fuel Tank Assembly

Ref. No.	Part No.	Qty.	Description
182	98–9205	1	Fuel Tank Bracket
187	99–0992	1	Fuel Line (Cut to Required Length)
190	99–0994	1	Screw (Fuel Tank)
601	78–4690	1	Clamp–Hose
670	99–0997	1	Spacer–Fuel Tank
674	98–9202	1	Screw (Fuel Tank Bracket)
972	99–1000	1	Fuel Tank
1059	99–0993	1	Screw/Washer Kit

Ref. No.	Part No.	Qty.	Description

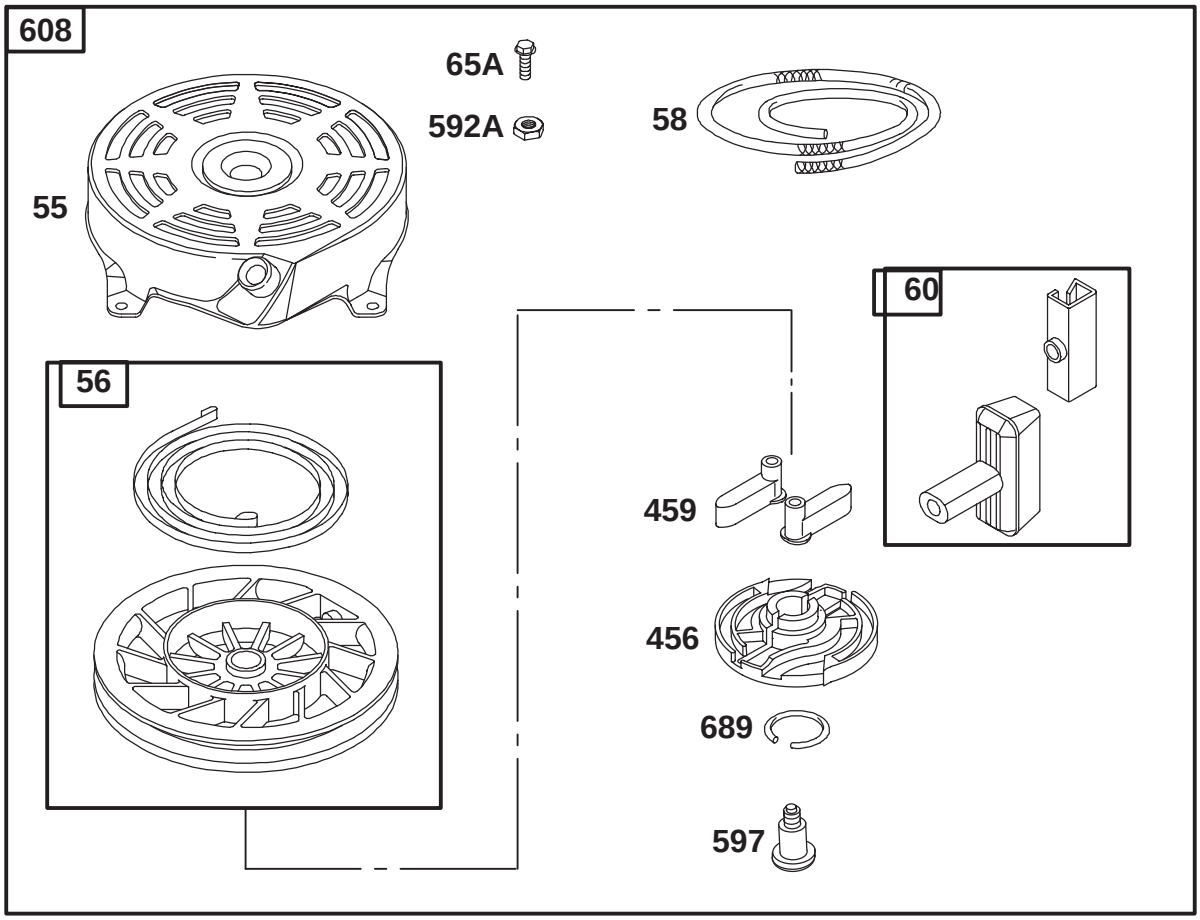


Assemblies include all parts shown in frames.

Blower Housing and Flywheel Assembly

Ref. No.	Part No.	Qty.	Description
23	99–1001	1	Flywheel
37	99–0950	1	Flywheel Guard
65	99–1002	1	Screw (Rewind Starter)
78	99–0941	1	Screw (Flywheel Guard)
304	99–1003	1	Housing–Blower
305	99–0941	1	Screw (Blower Housing)
326	98–9204	1	Screw (Rewind Guard)
332	94–1673	1	Nut (Flywheel)
363	99–1008	1	Flywheel Puller
455	99–1010	1	Cup–Flywheel
592	99–1009	1	Nut (Rewind Starter)
930	98–9203	1	Rewind Guard
1005	99–1015	1	Fan–Flywheel
1036	99–1016	1	Emissions Label

Ref. No.	Part No.	Qty.	Description

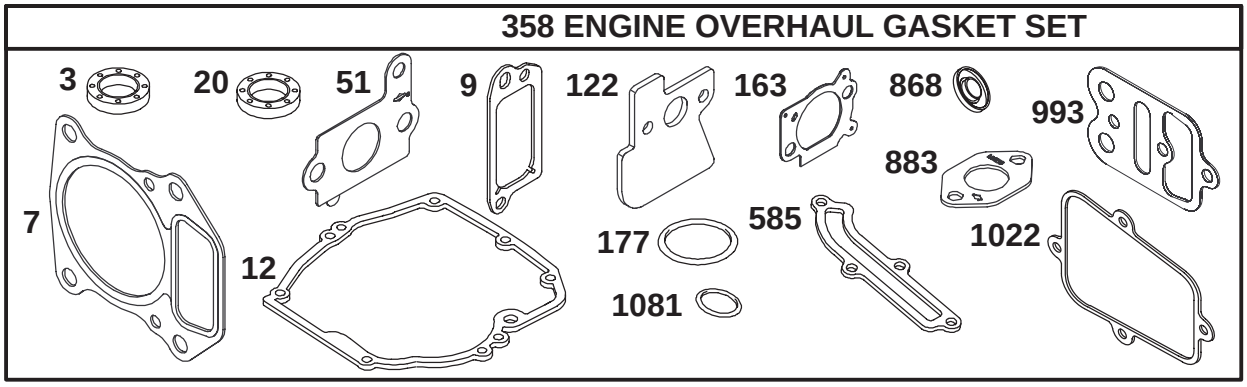


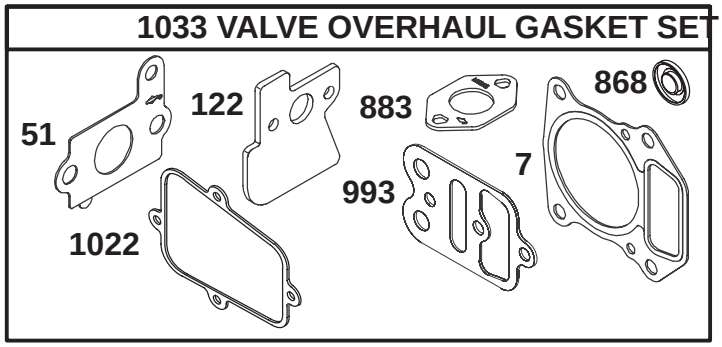
Assemblies include all parts shown in frames.

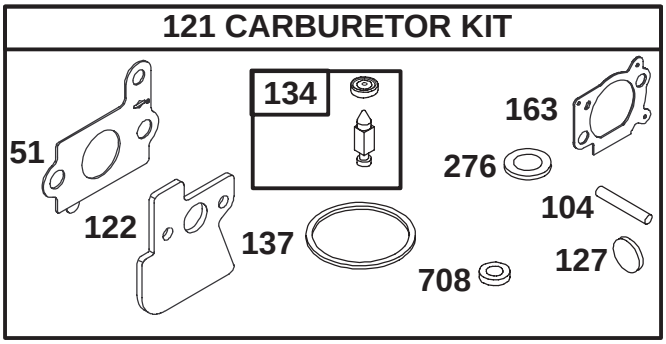
Rewind Starter Assembly

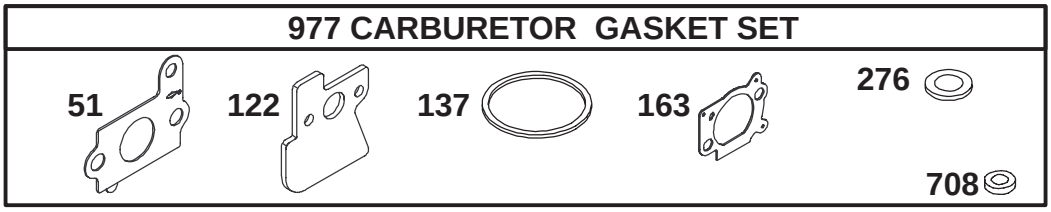
Ref. No.	Part No.	Qty.	Description
55	99–1048	1	Rewind Starter Housing
56	94–1657	1	Starter Pulley
58	94–1668	1	Starter Rope
60	77–8510	1	Starter Rope Grip
65A	99–1002	1	Screw (Rewind Starter)
456	94–1659	1	Retainer–Spring
459	94–1654	1	Pawl–Ratchet
592A	99–1009	1	Nut (Rewind Starter)
597	94–1660	1	Screw (Pawl Friction Plate)
608	98–9215	1	Starter–Rewind
689	94–1655	1	Friction Spring

Ref. No.	Part No.	Qty.	Description









Gasket Assembly

Ref. No.	Part No.	Qty.	Description
★3	99–0912	1	Oil Seal
★Δ7	99–0930	1	Cylinder Head Gasket
★Δ9	99–0913	1	Breather Gasket
★12	99–0953	1	Crankcase Gasket
★20	99–0955	1	Oil Seal
★◆●Δ51	99–0968	1	Intake Gasket
●104	99–0970	1	Float Hinge Pin
121	100–5036	1	Carburetor Kit
★◆●Δ122	99–0978	1	Carburetor Spacer
●127		1	Welch Plug (Sold in Kit Only)
●134	77–8110	1	Needle/Seat Kit
●◆137		1	Float Bow lGasket (Sold in Kit Only)
★◆●163	99–0976	1	Air Cleaner Gasket
★177	99–0916	1	O–Ring Seal (Dipstick)
●◆276	100–5038	1	Sealing Washer
358	100–5035	1	Engine Overhaul Gasket Set
★585	99–0923	1	Breather Passage Gasket
●◆708	100–5037	1	Seal–Dust
★Δ868	99–0946	1	Seal–Valve
★Δ883	99–0947	1	Exhaust Gasket
977	100–5034	1	Gasket Set–Carburetor
★Δ993	99–0948	1	Plate Gasket

Ref. No.	Part No.	Qty.	Description
★Δ1022	99–0907	1	Gasket–Rocker Cover
1033	100–5033	1	Valve Overhaul Gasket Set
★1081	99–0916	1	O–Ring Seal (Dipstick Tube)

★ Included in Gasket Set–See Ref. 358.
● Included in Carburetor Kit–See Ref. 121.
◆ Included in Carburetor Gasket Set–See Ref. 977.
Δ Included in Valve Overhaul Gasket Set–See Ref. 1003.

Maintenance Record

Date								

Maintenance Record

Date								


TORO®