



Proline Conversion Kit

Part No. 98-9230

Parts Catalog

ORDERING REPLACEMENT PARTS

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

Contents

Description	Page	Description	Page
Housing Assembly	1	Engine GTS–200	5–13
Engine Assembly	2	Toro Part Number Index	14
Handle Assembly	3	Maintenance	15–17
Handle Control Assembly	4	Note:	

Accessories

Description	Model / Parts No.	Description	Model / Parts No.
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Part Description Abbreviations

Part descriptions in this catalog may include the following abbreviations.

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

Important Format Explanations

This catalog uses special formats to convey information in illustrations and parts lists. Specifically, one format is used in conjunction with service assemblies and another with quantities associated with reference numbers.

Service Assemblies

Parts within service assemblies have reference numbers in the form $X:Y$. X is the reference number of the service assembly and Y is a sequential number unique to each part within the service assembly.

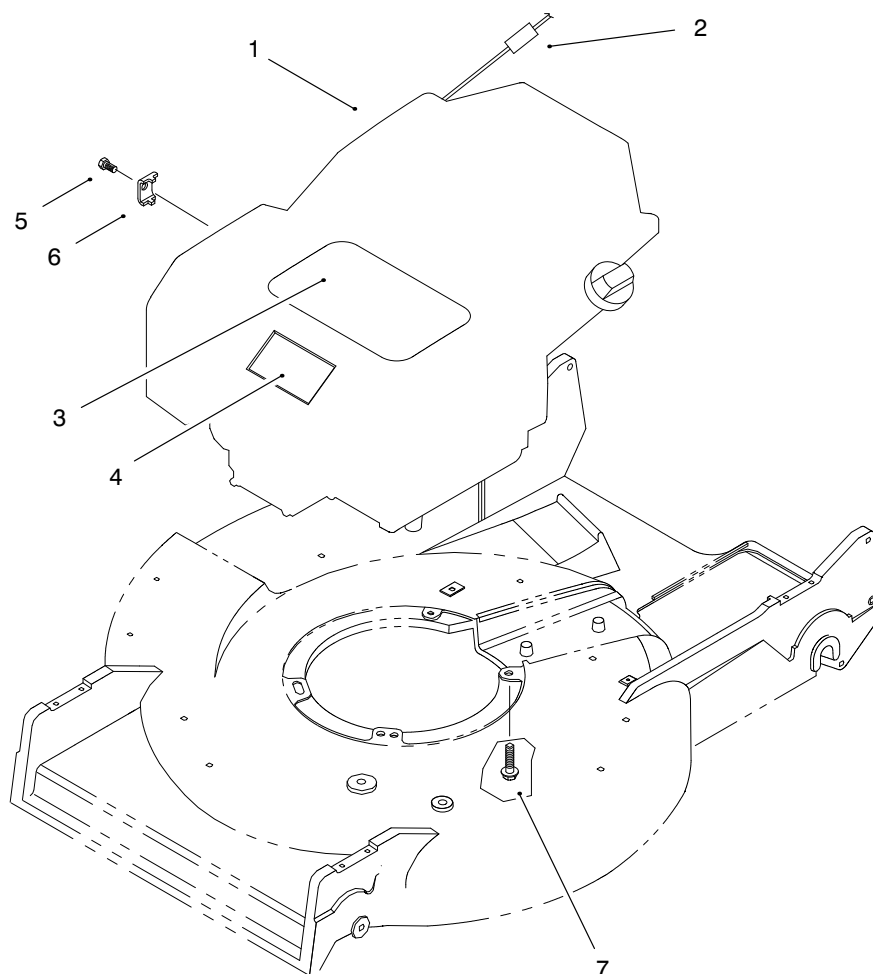
For example, a wheel assembly might be identified by reference number 6, the tire by 6:1, the valve by 6:2, and the wheel by 6:3. When you order the assembly identified by reference number 6, you receive all parts identified by reference numbers 6:1, 6:2, and 6:3. However, you may also order any part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

Reference numbers of this type appear in part lists and as callouts in illustrations.

Reference Numbers with Quantities

Illustrations may have a quantity in parentheses next to a reference number, in the form $X (Y)$. X is the reference number. Y in parentheses is the quantity of the part identified by the reference number.

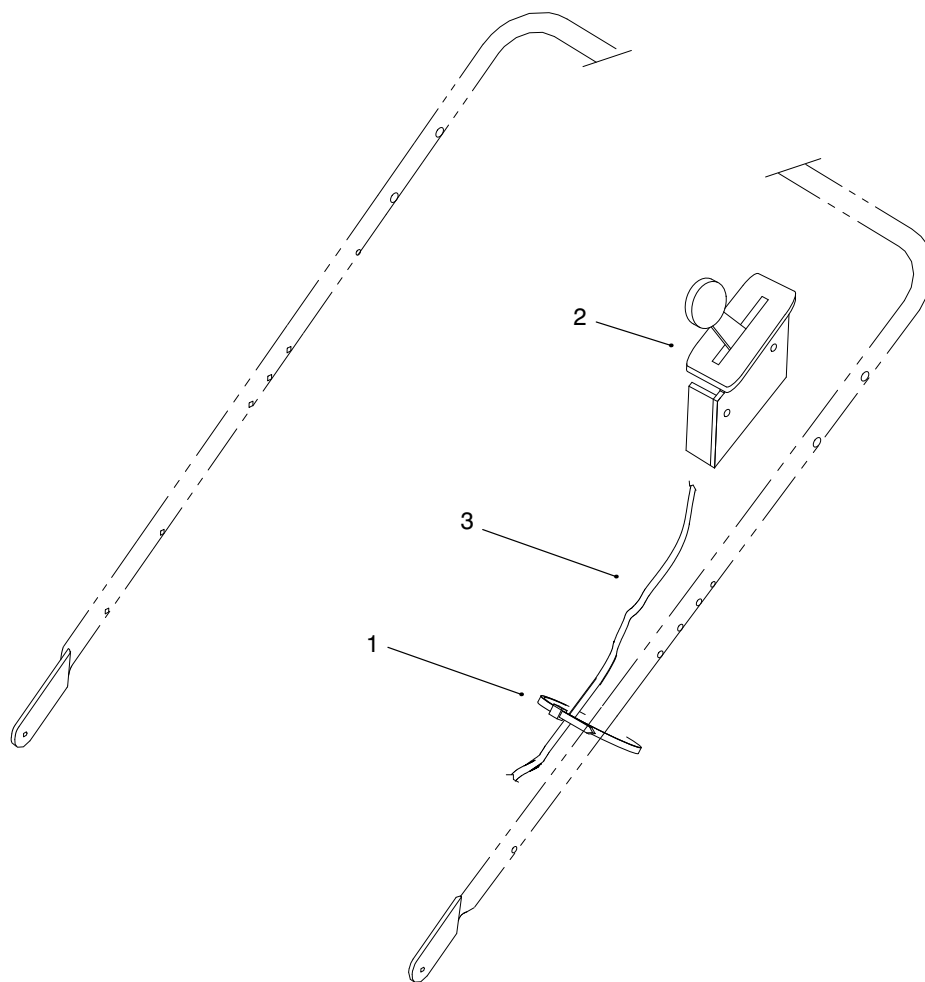
For example, the illustration callout 4 (2) indicates that two parts are used in that instance.



Sheet No.:3

Engine Assembly

Ref. No.	Part No.	Qty.	Description
1	98-9236	1	Engine-Gts 200
2	2210-316	1	Rope-Stop
3	98-2002	1	Decal-Engine
4	84-4960	1	Decal-Proline
5	93-8470	1	Screw-Clamp
6	2210-249	1	Clamp-Casing
7	32144-102	3	Screw

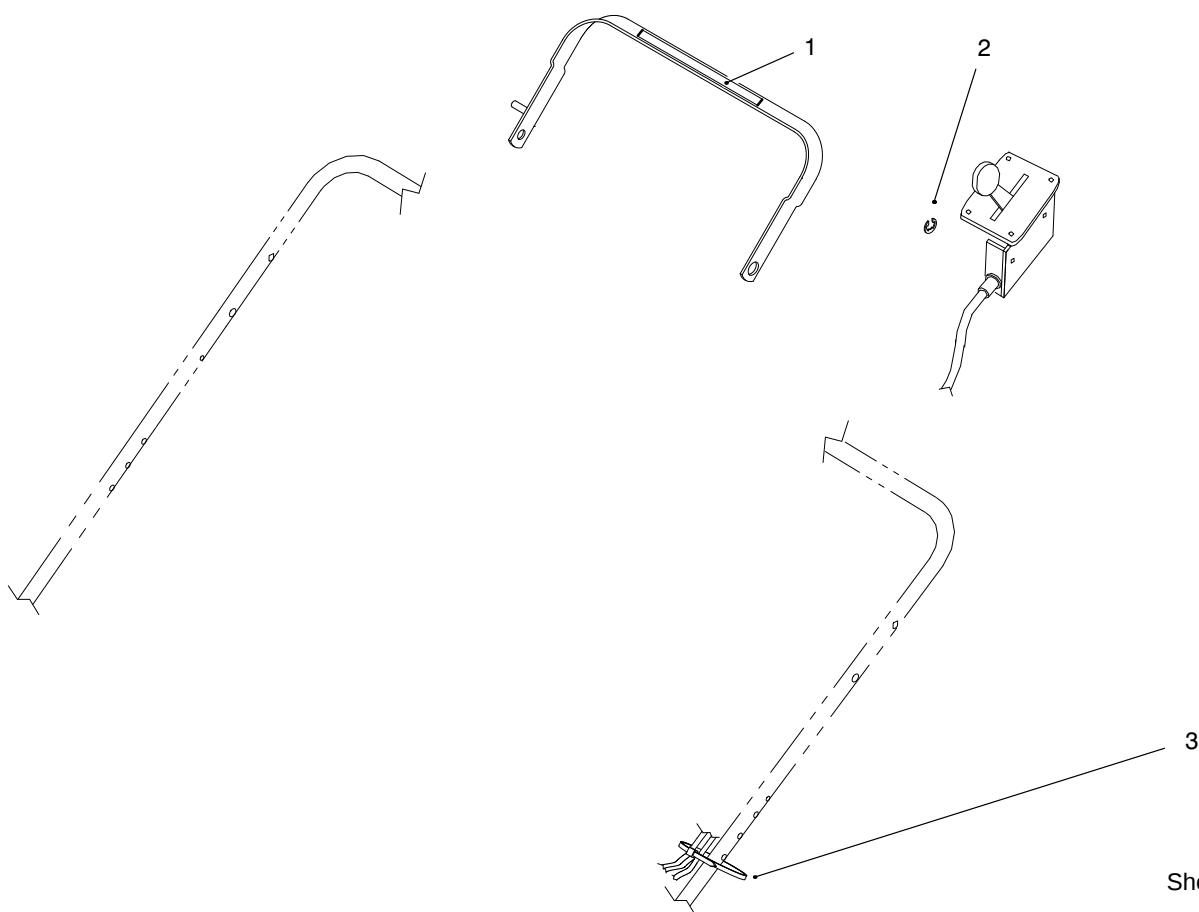


Sheet No.:5

Handle Assembly

Ref. No.	Part No.	Qty.	Description
1	3290-378	1	Tie-Cable
2	98-2001	1	Bracket-Throttle
			Control
3	98-2047	1	Cable-Throttle

Ref. No.	Part No.	Qty.	Description

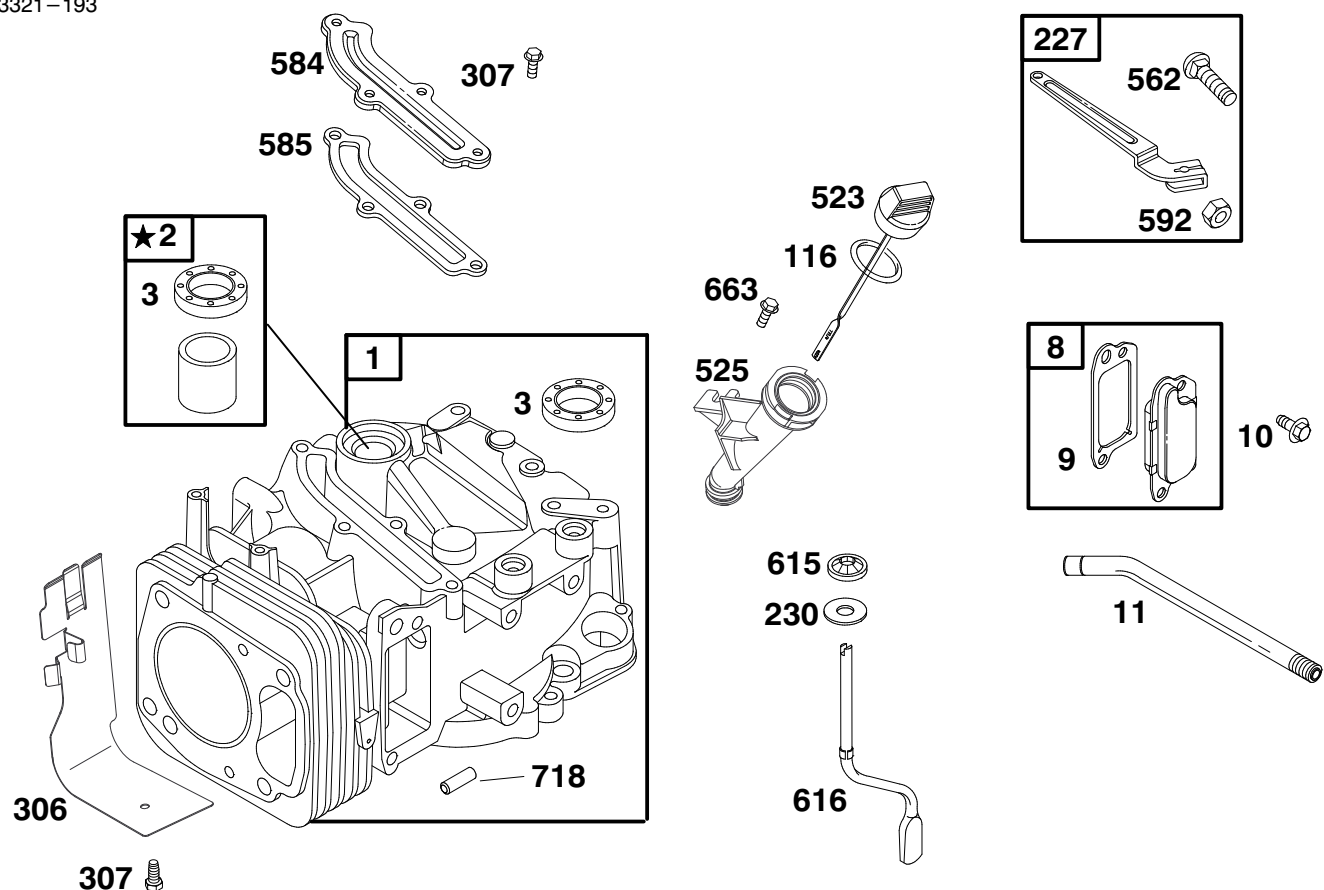


Sheet No.:6

Handle Control Assembly

Ref. No.	Part No.	Qty.	Description
1	98-7116	1	Decal-Control
2	32151-86	2	Ring-E
3	3290-378	2	Tie-cable

Ref. No.	Part No.	Qty.	Description



★ **REQUIRES SPECIAL TOOLS
TO INSTALL. SEE REPAIR
INSTRUCTION MANUAL.**

Assemblies include all parts shown in frames.

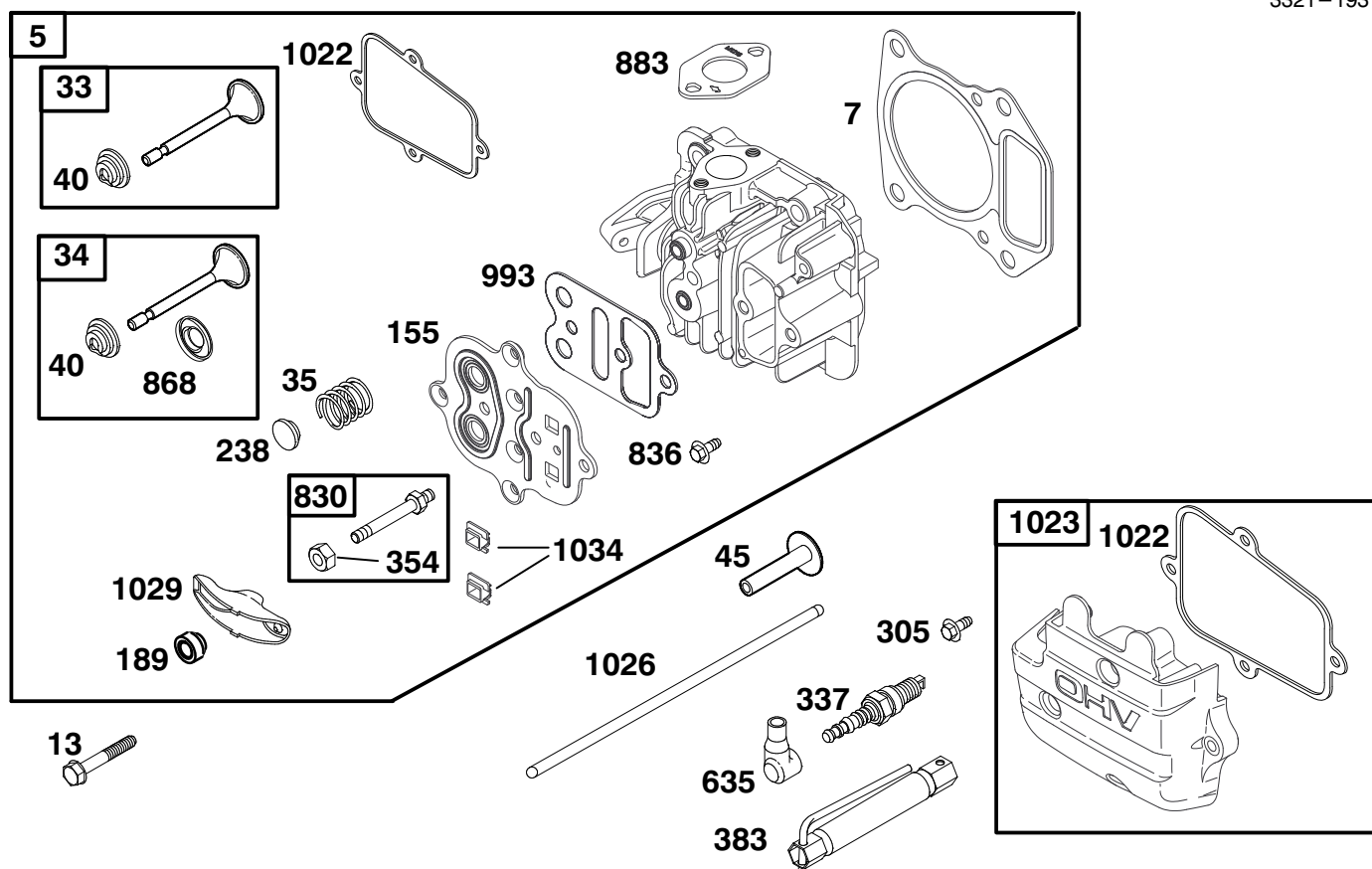
ENGINE GTS-200

Ref. No.	Part No.	Description	No. Used
1	99-0900	Cylinder Assembly	1
2	99-0911	Bushing	1
★3	99-0912	Seal - Oil	1
8	77-9260	Breather Assy.	1
†★9	99-0913	Gasket - Breather	1
10	99-0914	Screw - Hex.	1
11	99-0915	Tube - Breather	1
★116	99-0916	Seal - O Ring	1
227	99-0917	Lever Assembly - Gov.	1
230	99-0918	Washer - Gov. Crank	1
306	99-0919	Shield - Cylinder	1

Ref. No.	Part No.	Description	No. Used
307	99-0920	Screw - Hex.	1
523	77-7260	Dipstick	1
525	99-0906	Tube - Oil Filler	1
562	99-0921	Screw - Hex.	1
584	99-0922	Baffle - Cylinder	1
★585	99-0923	Gasket - Breather	1
592	99-0924	Nut - Hex.	1
615	99-0925	Fastener	1
616	99-0926	Crank - Governor	1
663	99-0927	Screw - Hex.	1
718	99-0928	Dowel - Sleeve	1

★ Included in Gasket Set - Part No. 99-0902

† Included in Valve Overhaul Gasket Set - Part No. 99-0904



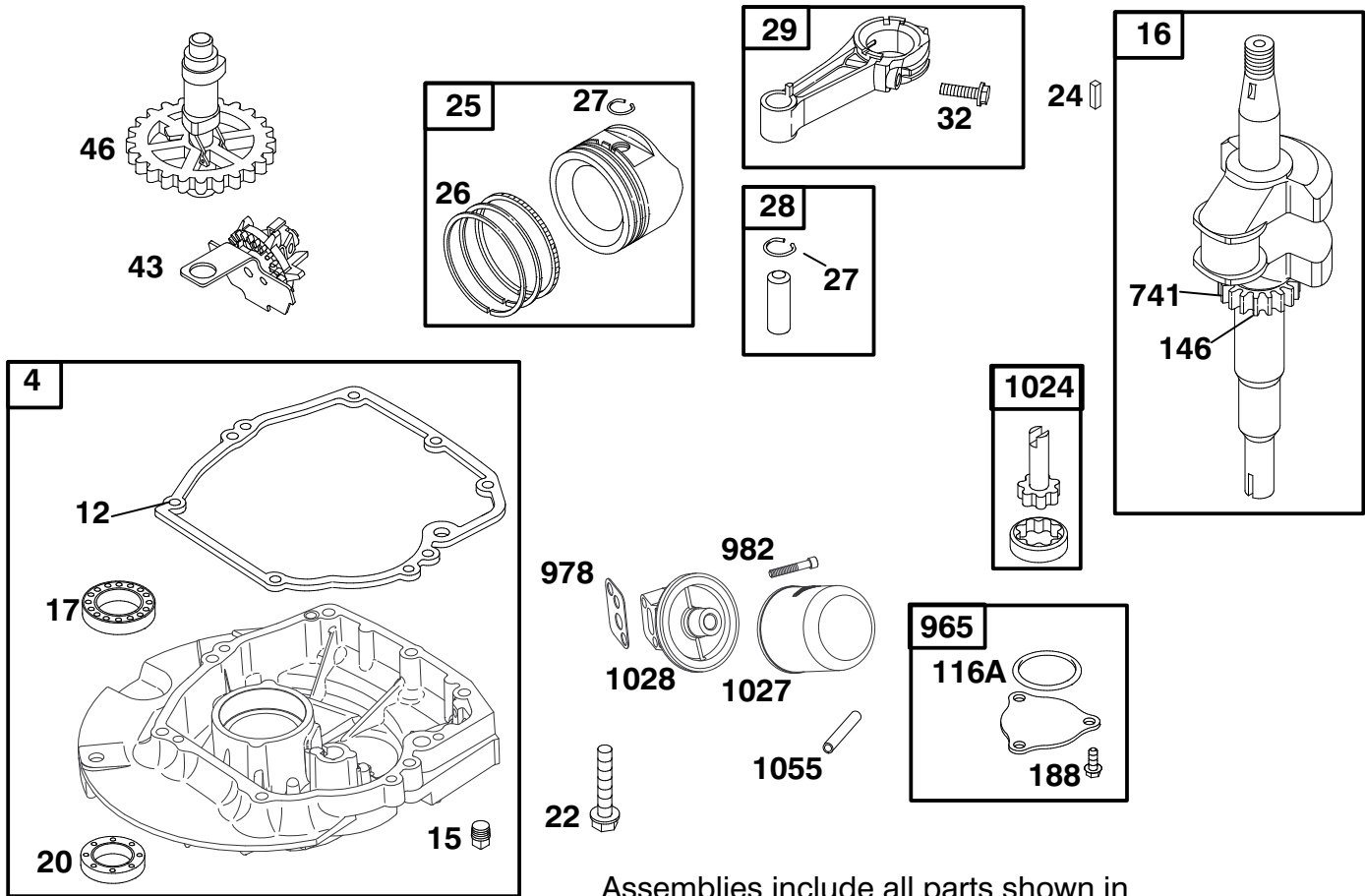
Assemblies include all parts shown in frames.

ENGINE GTS–200

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
5	99–0929	Head – Cylinder	1	383	99–0944	Wrench – Spark Plug	1
†★7	99–0930	Gasket – Cylinder Head	1	635	77–9190	Elbow – Spark Plug	1
13	99–0931	Screw – Hex.	1	830	99–0945	Stud – Rocker Arm	1
33	99–0932	Valve – Exhaust	1	836	99–0941	Screw – Hex.	1
34	99–0933	Valve – Intake	1	†★868	99–0946	Seal – Valve	1
35	99–0934	Spring – Valve	1	†★883	99–0947	Gasket – Exhaust	1
40	99–0935	Retainer – Valve Spring	1	†★993	99–0948	Gasket – Plate	1
45	99–0936	Tappet – Valve	1	†★1022	99–0907	Gasket – Rocker Cover	1
155	99–0938	Plate – Cylinder Head	1	1023	98–9211	Cover – Rocker	1
189	99–0939	Ball – Rocker Arm	1	1026	99–0949	Rod – Push	1
238	99–0940	Cap – Valve	1	1029	99–0950	Arm – Rocker	1
305	99–0942	Screw – Hex.	1	1034	99–0951	Guide – Push Rod	1
337	99–0943	Plug – Spark	1				
354		Nut – Hex. (Sold in Kit Only).	1				

★ Included in Gasket Set – Part No. 99–0902

† Included in Valve Overhaul Gasket Set – Part No. 99–0904



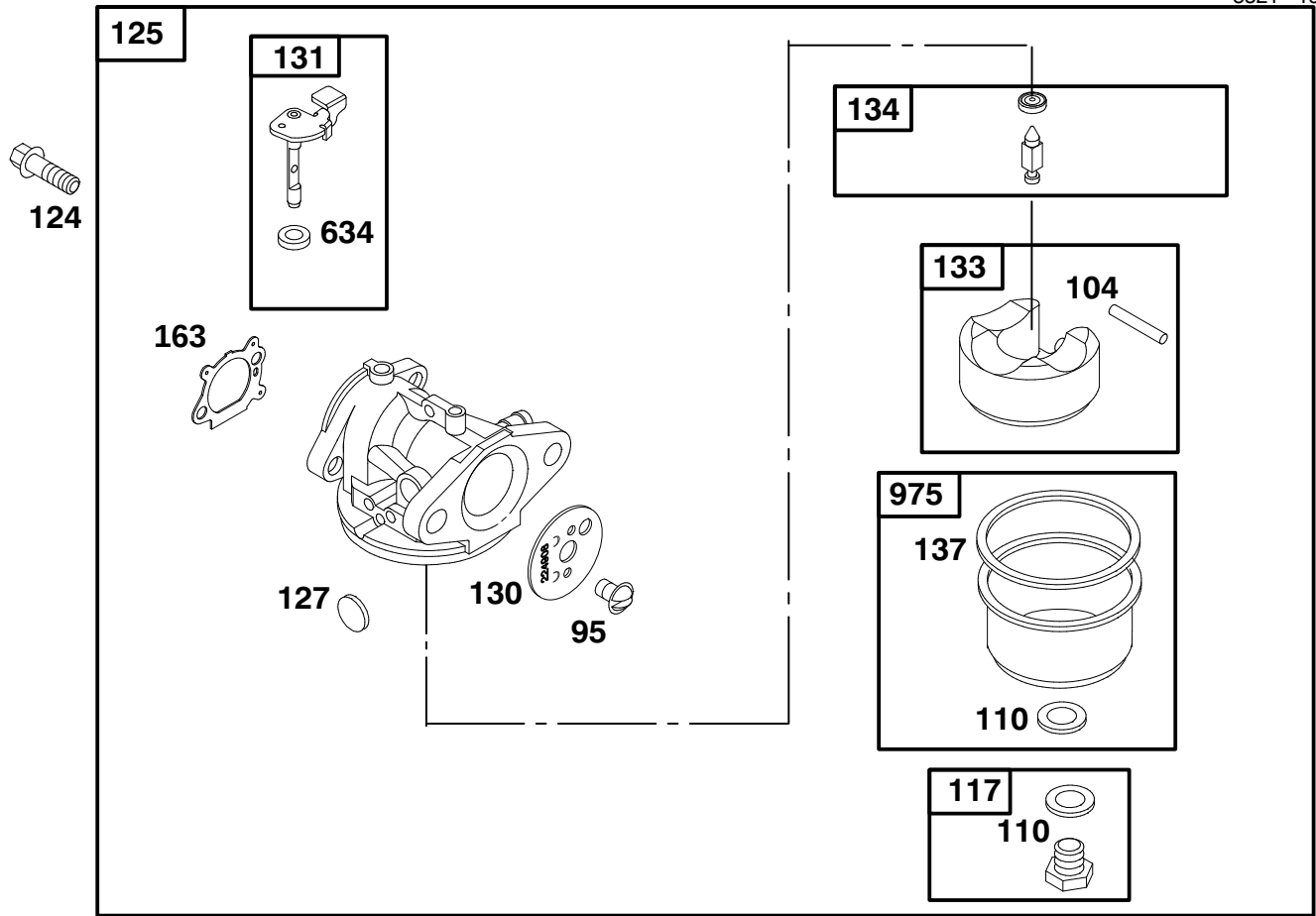
Assemblies include all parts shown in frames.

ENGINE GTS-200

Ref. No.	Part No.	Description	No. Used
4	99-0980	Sump - Engine	1
★12	99-0953	Gasket - Crankcase	1
15	99-0954	Plug - Oil Drain	1
16	98-9214	Crankshaft	1
17	99-1031	Bearing - Ball	1
★20	99-0955	Seal - Oil	1
22	99-0956	Screw - Hex.	
		Note: 99-1040	
		Screw - Hex.	
		(One (1) Used in Hole Nearest Breather)	1
24	99-0957	Key - Flywheel	1
25	99-0958	Piston Assy. (Standard)	1
26	99-0959	Ring Set (Standard)	1
27	99-0960	Lock - Piston Pin	1
28	99-0961	Pin - Piston (Standard)	1

Ref. No.	Part No.	Description	No. Used
29	99-0962	Rod - Connecting	1
32	99-0963	Screw - Connecting Rod	1
43	99-0937	Governor/Oil Slinger	1
46	99-0965	Gear - Cam	1
116A	99-1032	Seal - O-Ring	1
146	99-0966	Key - Timing	1
188	99-1033	Screw - Hex.	1
741	99-0967	Gear - Timing	1
965	99-1034	Cover - Oil Pump	1
978	99-1035	Gasket - Adapter	1
982	99-1036	Screw - Soc. Hd.	1
1024	99-1037	Pump - Oil	1
1027	98-9217	Filter - Oil	1
1028	99-1038	Adapter - Oil Filter	1
1055	99-1039	Tube - Oil Pump	1

★ Included in Gasket Set - Part No. 99-0902



Assemblies include all parts shown in frames.

ENGINE GTS-200

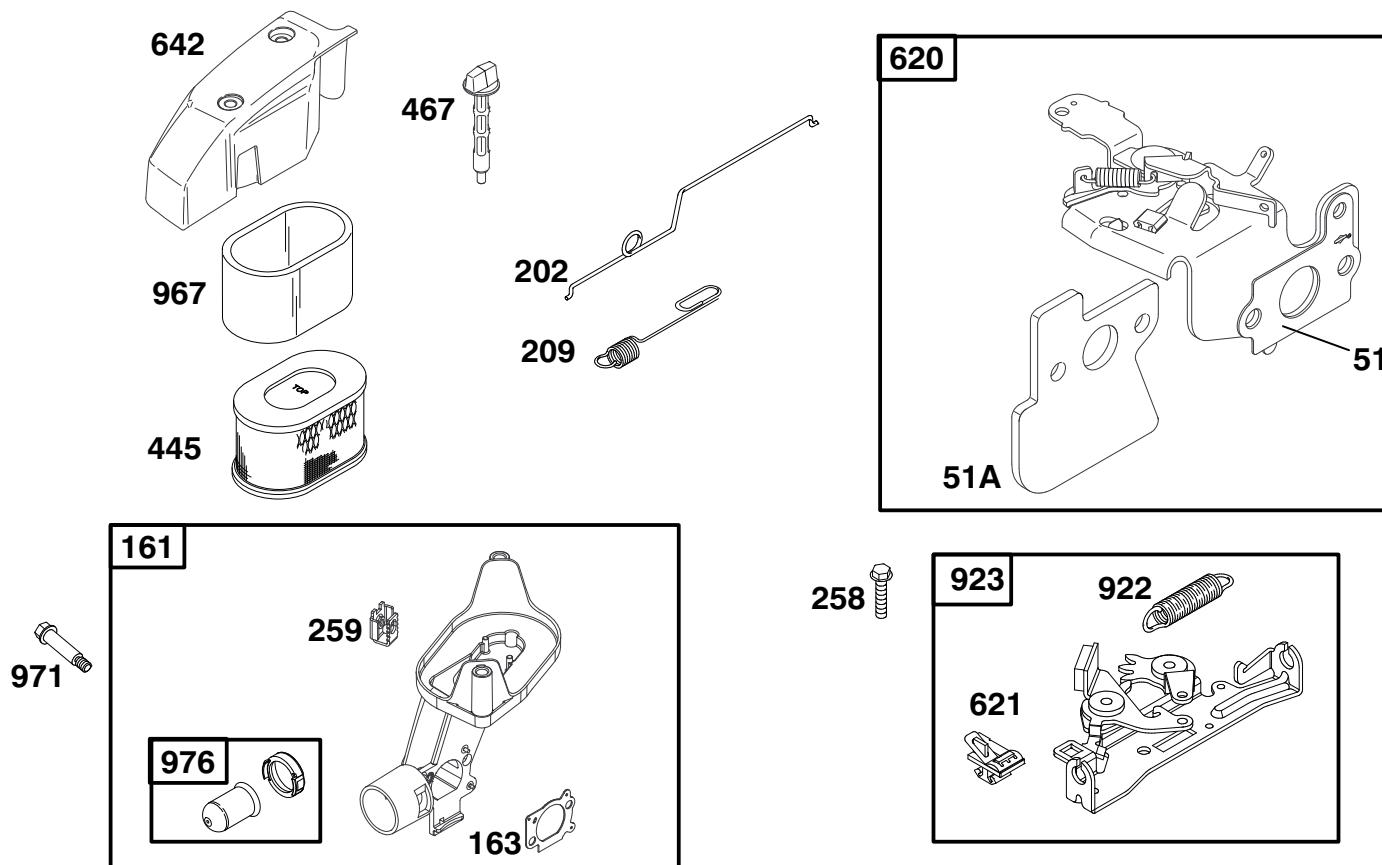
Ref. No.	Part No.	Description	No. Used
95	99-0969	Screw - Slotted	1
●104	99-0970	Pin - Float Hinge	1
●◆110		Washer - Bowl (Sold in Kit Only)	1
117	99-0971	Jet - Main (Std.) Note: 99-1041 Jet - Main (High Altitude)	1
124	99-0972	Screw - Shoulder	1
125	99-0973	Carburetor	1
●127		Plug - Welch (Sold in Kit Only).	1

Ref. No.	Part No.	Description	No. Used
130	99-0974	Valve - Throttle	1
131	99-0975	Shaft - Throttle	1
133	77-8170	Float - Carburetor	1
●134	77-8110	Valve - Needle	1
●◆137		Gasket - Bowl (Sold in Kit Only).	1
●◆★163	99-0976	Gasket - Air Cleaner	1
●◆634		Washer - Foam (Sold in Kit Only).	1
975	99-0977	Bowl - Float	1

● Included in Carburetor Kit - Part No. 99-0901

◆ Included in Carburetor Gasket Set - Part No. 99-0903

★ Included in Gasket Set - Part No. 99-0902



Assemblies include all parts shown in frames.

ENGINE GTS-200

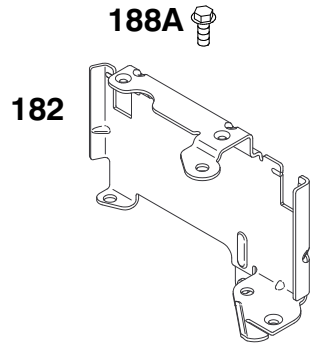
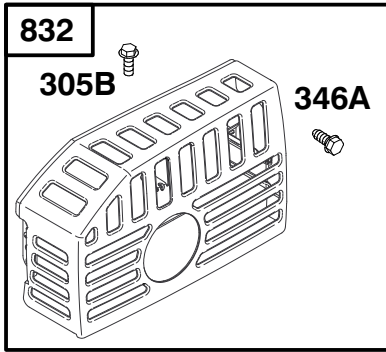
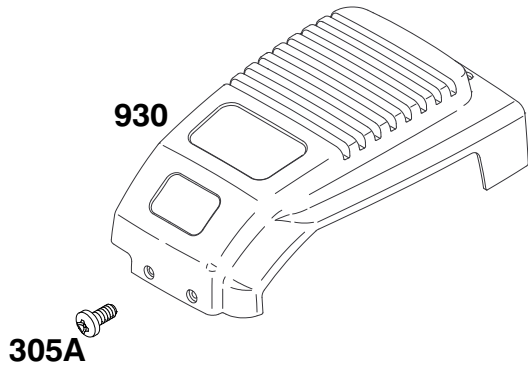
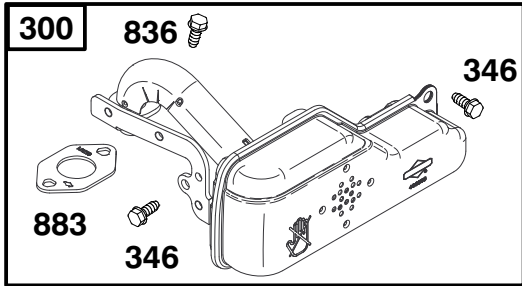
Ref. No.	Part No.	Description	No. Used
51	99-0968	Gasket - Intake	1
51A	99-0978	Gasket - Intake	1
161	99-0979	Base - Air Cleaner/Primer	1
◆★163	99-0976	Gasket - Air Cleaner	1
202	99-0981	Link - Governor	1
209	99-0982	Spring - Governor	1
258	99-0983	Screw - Hex.	1
259	99-0984	Grommet	1
445	98-9212	Filter - Air	1

Ref. No.	Part No.	Description	No. Used
467	98-9208	Knob	1
620	99-0985	Bracket - Control	1
621	99-0986	Switch - Stop	1
642	98-9207	Cover - Air Cleaner	1
922	99-0987	Spring - Brake	1
923	99-0988	Brake Assembly	1
967	99-0989	Filter - Air	1
971	99-0990	Screw - Hex.	1
976	99-0991	Primer - Carburetor	1

● Included in Carburetor Kit - Part No. 99-0901

◆ Included in Carburetor Gasket Set - Part No. 99-0903

★ Included in Gasket Set - Part No. 99-0902



Assemblies include all parts shown in frames.

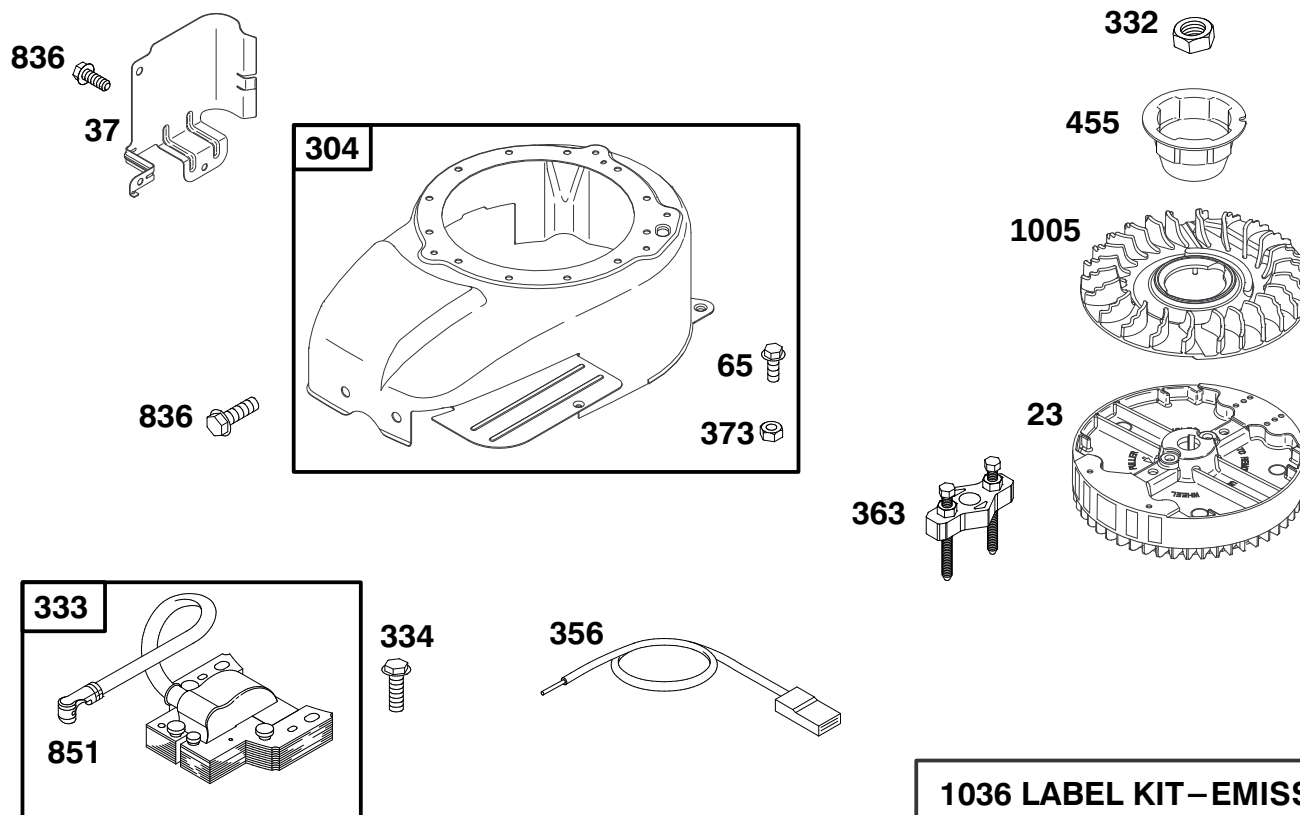
ENGINE GTS-200

Ref. No.	Part No.	Description	No. Used
182	98-9205	Bracket - Tank Mounting	1
188A	98-9202	Screw - Hex.	1
300	99-0995	Muffler - Exhaust	1
305A	98-9204	Screw - Hex.	1
305B	99-0998	Screw - Hex.	1
346	99-1047	Screw - Hex.	1

Ref. No.	Part No.	Description	No. Used
346A	99-0999	Screw - Hex.	1
832	98-9206	Guard - Muffler	1
836	99-0941	Screw - Hex.	1
†★883	99-0947	Gasket - Exhaust	1
930	98-9203	Guard - Rewind	1

★ Included in Gasket Set - Part No. 99-0902

† Included in Valve Overhaul Gasket Set - Part No. 99-0904

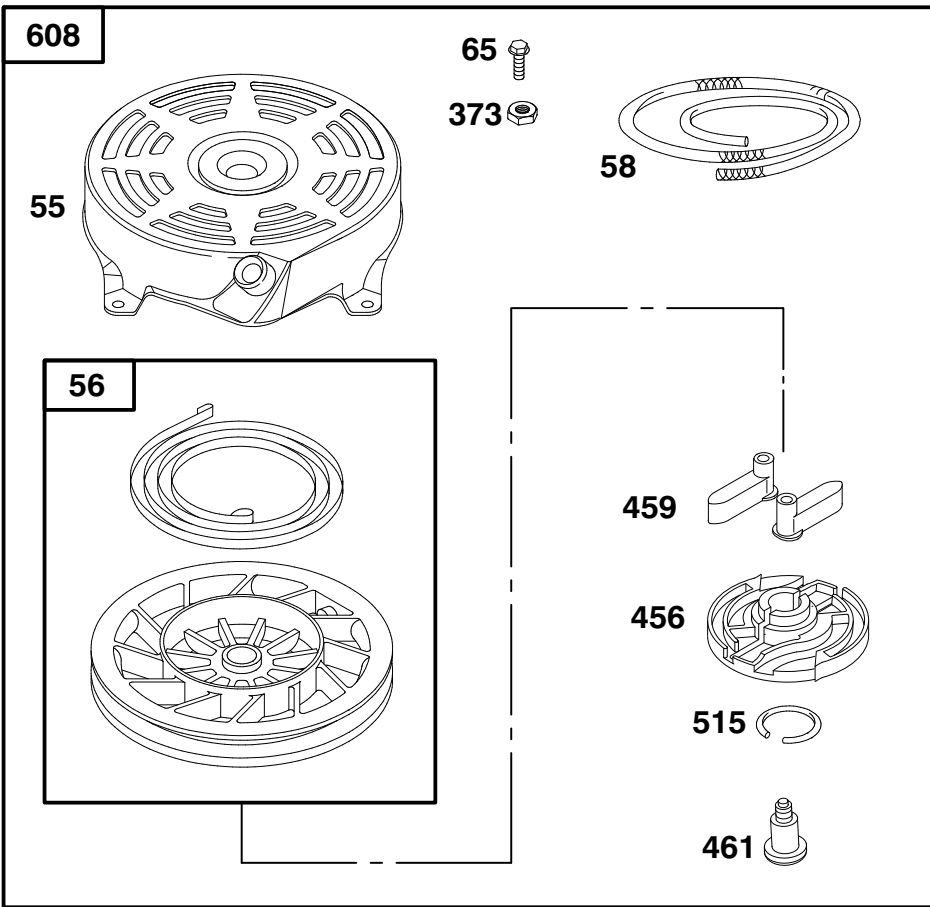


Assemblies include all parts shown in frames.

ENGINE GTS-200

Ref. No.	Part No.	Description	No. Used
23	99-1001	Flywheel	1
37	99-1013	Guard - Flywheel	1
65	99-1002	Screw - Hex.	1
304	99-1003	Housing - Blower	1
332	99-1004	Nut - Flywheel	1
333	99-1005	Armature - Magneto	1
334	99-1006	Screw - Hex.	1
356	99-1007	Wire - Stop	1

Ref. No.	Part No.	Description	No. Used
363	99-1008	Puller - Flywheel	1
373	99-1009	Nut - Hex.	1
455	99-1010	Cup - Flywheel	1
836	99-0941	Screw - Hex.	1
851	77-9450	Terminal - Cable	1
1005	99-1015	Fan - Flywheel	1
1036	99-1016	Label Kit - Emission	1

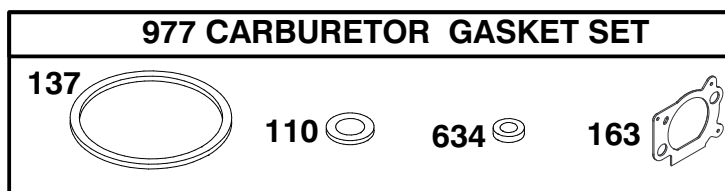
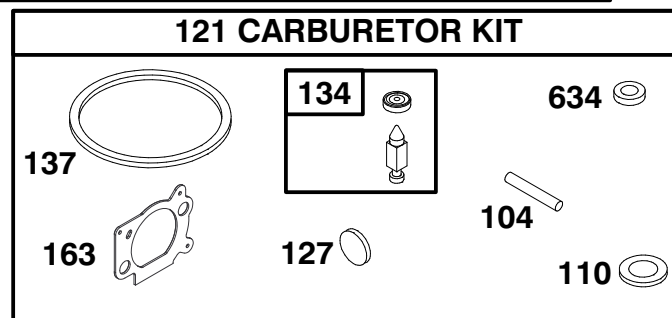
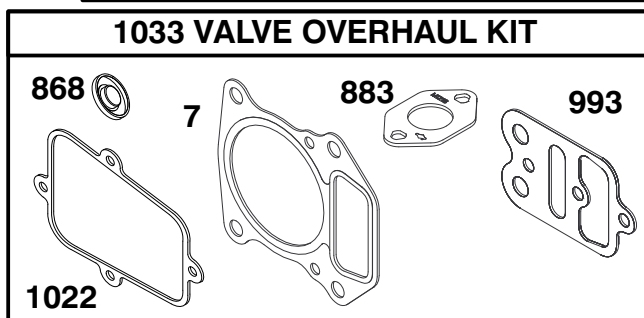
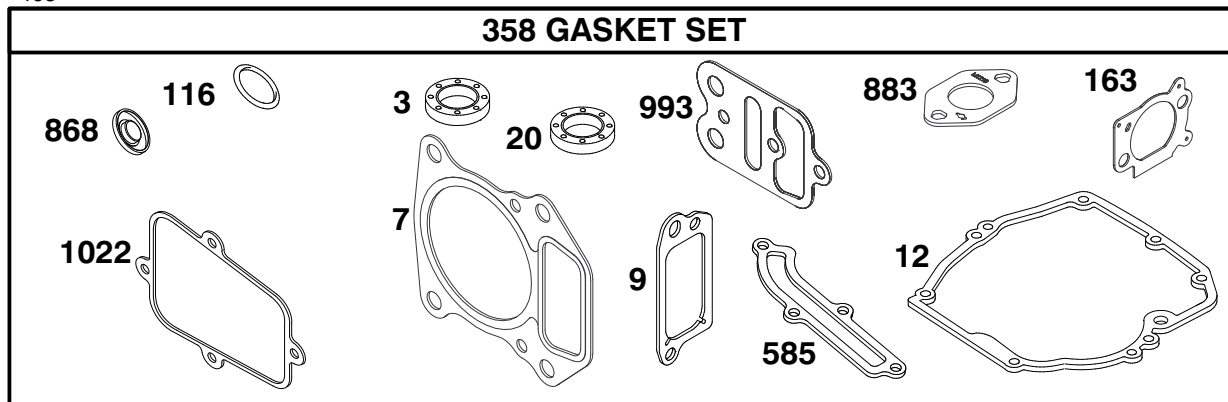


Assemblies include all parts shown in frames.

ENGINE GTS-200

Ref. No.	Part No.	Description	No. Used
55	99-1048	Housing - Rewind Starter	1
56	94-1657	Pulley - Starter	1
58	94-1668	Rope - Starter	1
59	77-7210	Insert - Starter Grip	1
60	77-8520	Grip - Starter Rope	1
65	99-1002	Screw - Hex.	1

Ref. No.	Part No.	Description	No. Used
373	99-1009	Nut - Hex.	1
456	94-1659	Retainer - Spring	1
459	94-1654	Pawl - Ratchet	1
461	94-1600	Screw - Shoulder	1
515	94-1655	Spring - Friction	1
608	98-9215	Starter - Rewind	1



Assemblies include all parts shown in frames.

ENGINE GTS-200

Ref. No.	Part No.	Description	No. Used
★3	99-0912	Seal – Oil	1
†★7	99-0930	Gasket – Cylinder Head	1
†★9	99-0913	Gasket – Breather	1
★12	99-0953	Gasket – Crankcase	1
★20	99-0955	Seal – Oil	1
●104	99-0970	Pin – Float Hinge	1
●◆110		Washer – Bowl (Sold in Kit Only).	1
★116	99-0916	Seal – O Ring	1
121	99-0901	Carburetor Kit	1
●127		Plug – Welch (Sold in Kit Only).	1
●134	77-8110	Valve – Needle	1
●◆137		Gasket – Bowl (Sold in Kit Only).	1

Ref. No.	Part No.	Description	No. Used
●◆★163	99-0976	Gasket – Air Cleaner	1
358	99-0902	Gasket Set	1
★585	99-0923	Gasket – Breather	1
●◆634		Washer – Foam (Sold in Kit Only).	1
†★868	99-0946	Seal – Valve	1
†★883	99-0947	Gasket – Exhaust	1
977	99-0903	Gasket Set – Carburetor	1
†★993	99-0948	Gasket – Plate	1
†★1022	99-0907	Gasket – Rocker Cover	1
1033	99-0904	Gasket Set – Valve Overhaul	1

★ Included in Gasket Set – Part No. 99-0902

† Included in Valve Overhaul Gasket Set – Part No. 99-0904

◆ Included in Carburetor Gasket Set – Part No. 99-0903

● Included in Carburetor Kit – Part No. 99-0901

Toro Part Number Index

Part No.	Page No.	Ref. No.	Qty.	Description
46-8090	1	1	2	Screw-Tapping
80-3770	1	4	1	Retainer-Door
82-9152	1	5	1	Chute-Discharge
84-4960	2	4	1	Decal-Proline
93-3154	1	2	1	Plate-Latch
93-7351	1	3	1	ASM-Door
93-8470	2	5	1	Screw-Clamp
98-2001	3	2	1	Bracket-Throttle Control
98-2002	2	3	1	Decal-Engine
98-2047	3	3	1	Cable-Throttle
98-7116	4	1	1	Decal-Control
98-9227	1	6	1	Guard-Primer
98-9236	2	1	1	Engine-GTS 200
2210-249	2	6	1	Clamp-Casing
2210-316	2	2	1	Rope-Stop
3290-378	3	1	1	Tie-Cable
3290-378	4	3	2	Tie-cable
32144-102	2	7	3	Screw
32151-86	4	2	2	Ring-E

15

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17