

FORM MS-9639

4/93

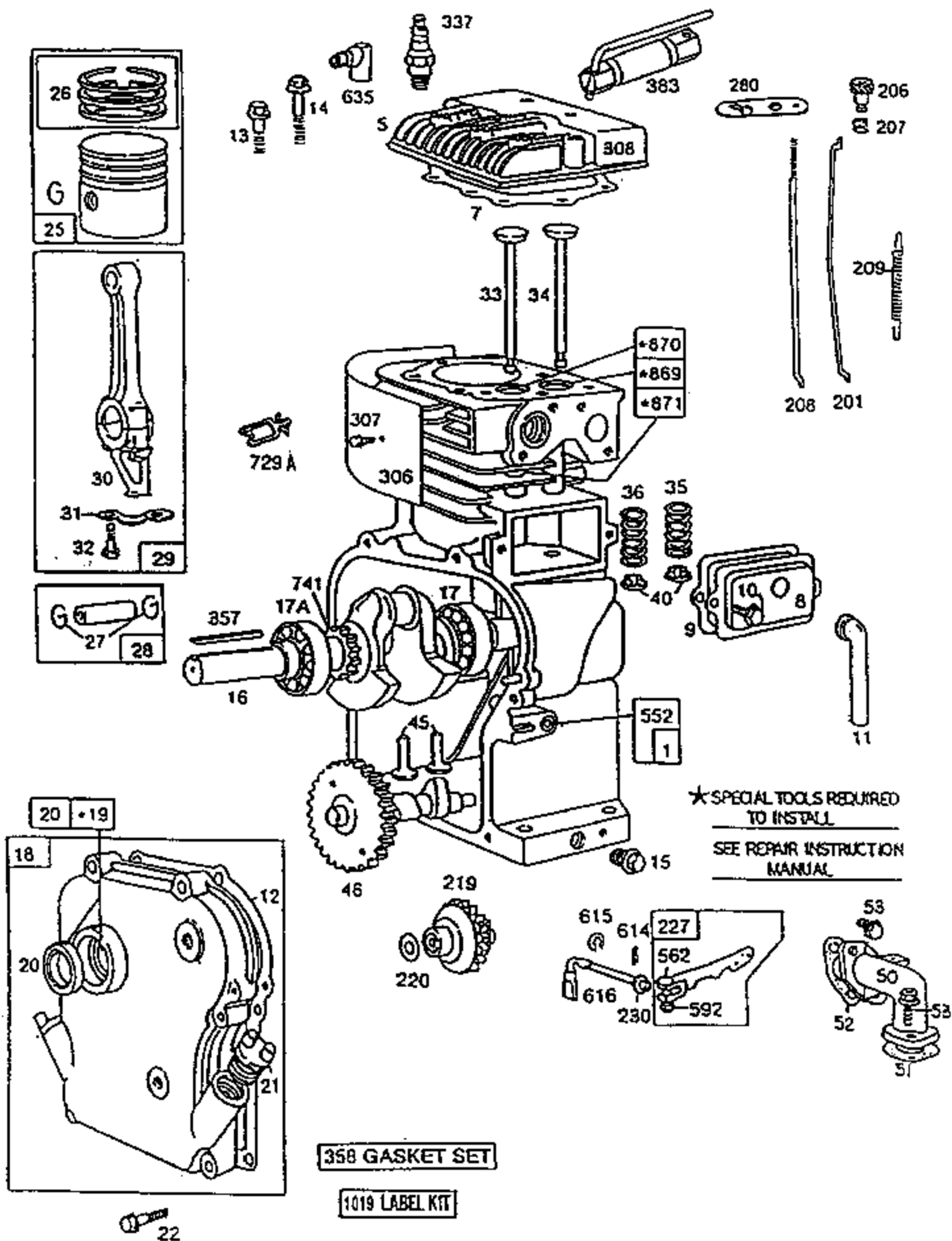
Model Series

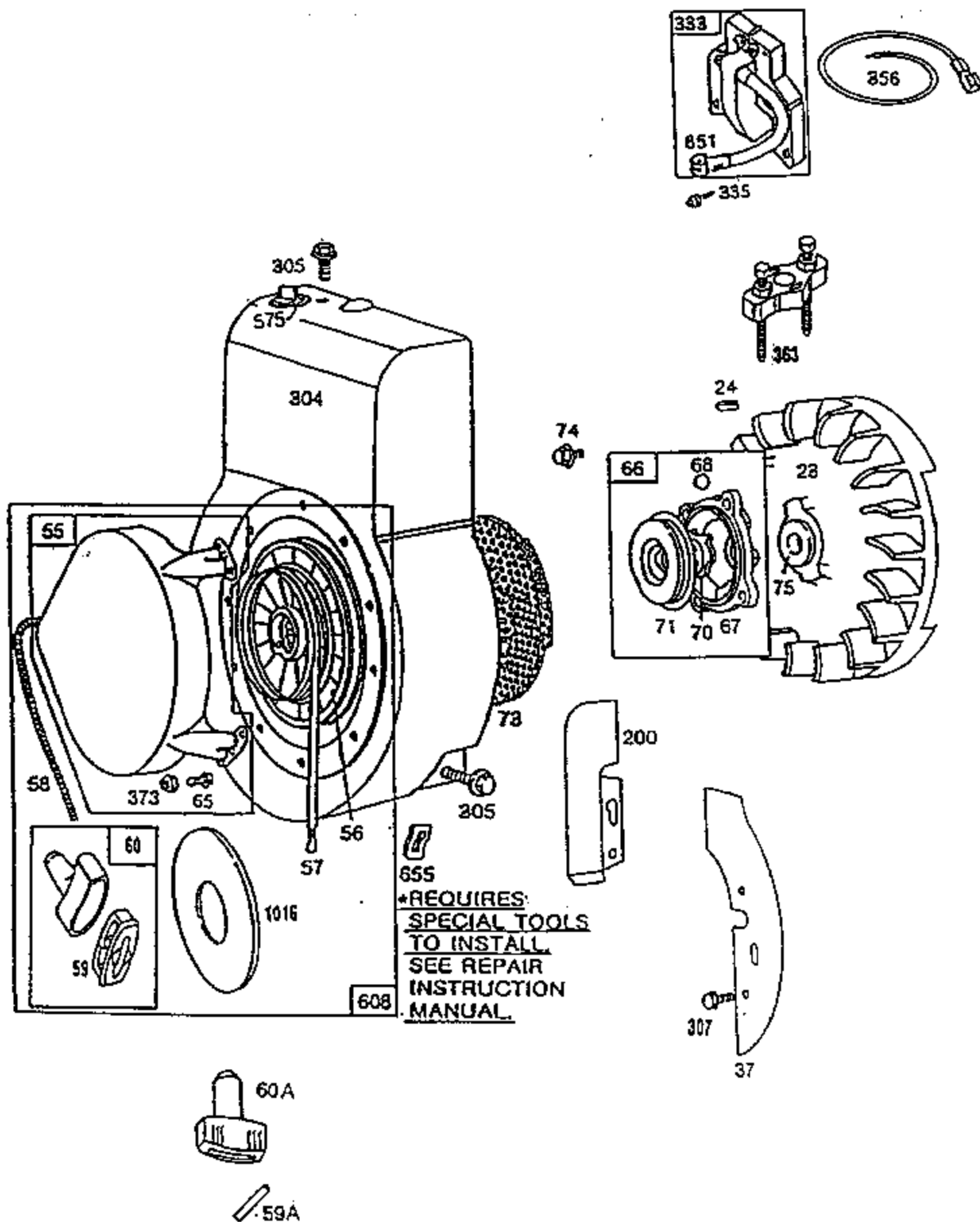
130400 to 130499

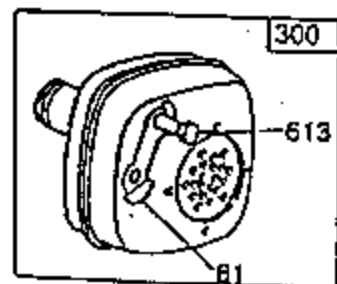
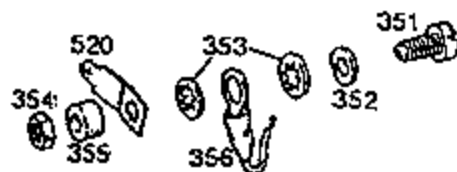
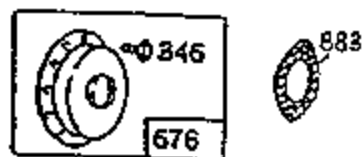
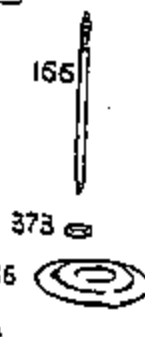
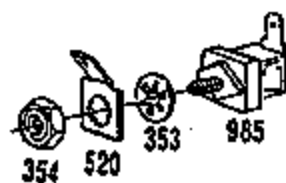
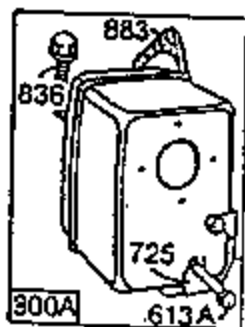
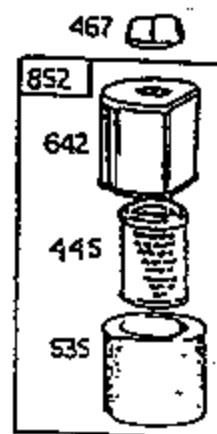
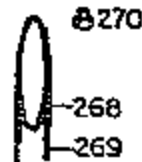
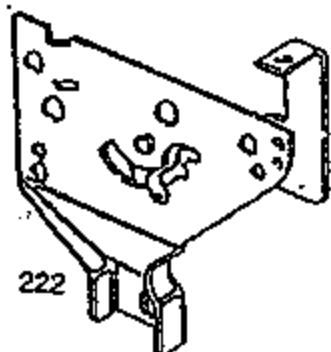
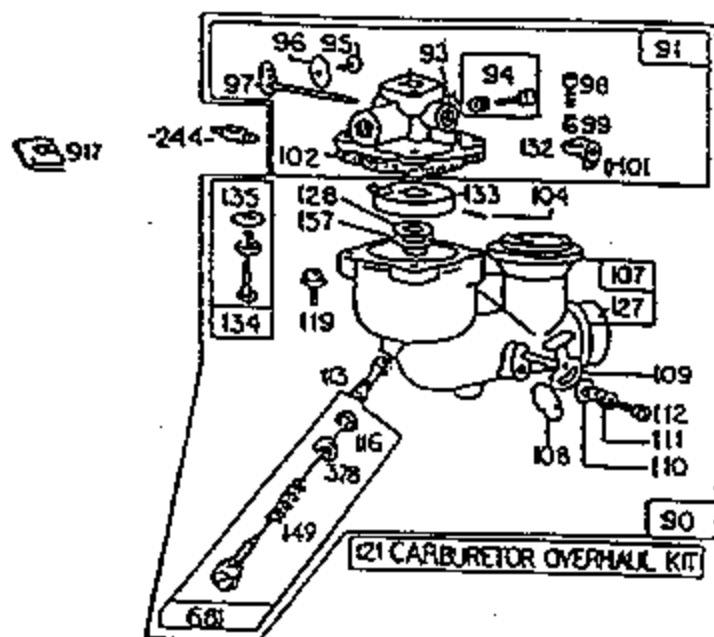
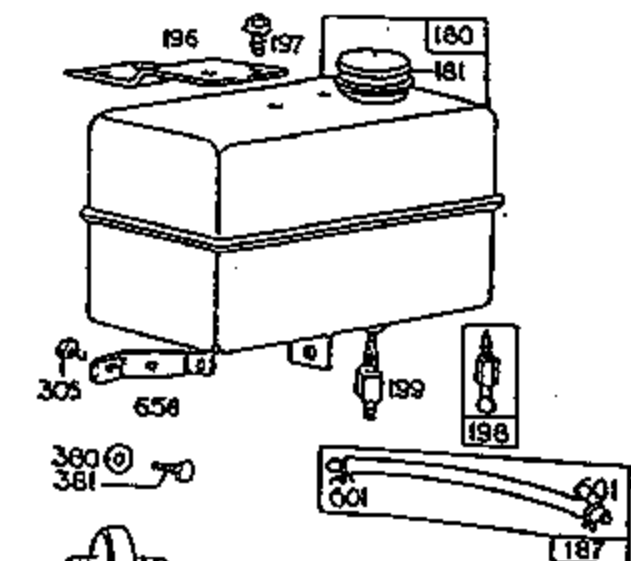
TYPE NUMBERS

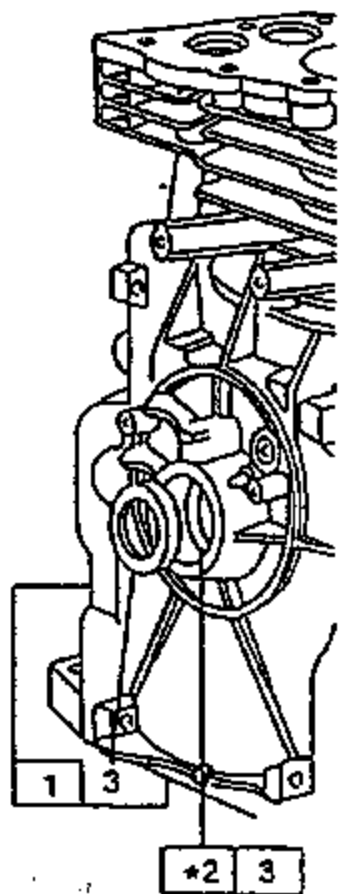
0102, 0105, 0106,
4001,

5001, 5002, 5003,
5005, 5501.

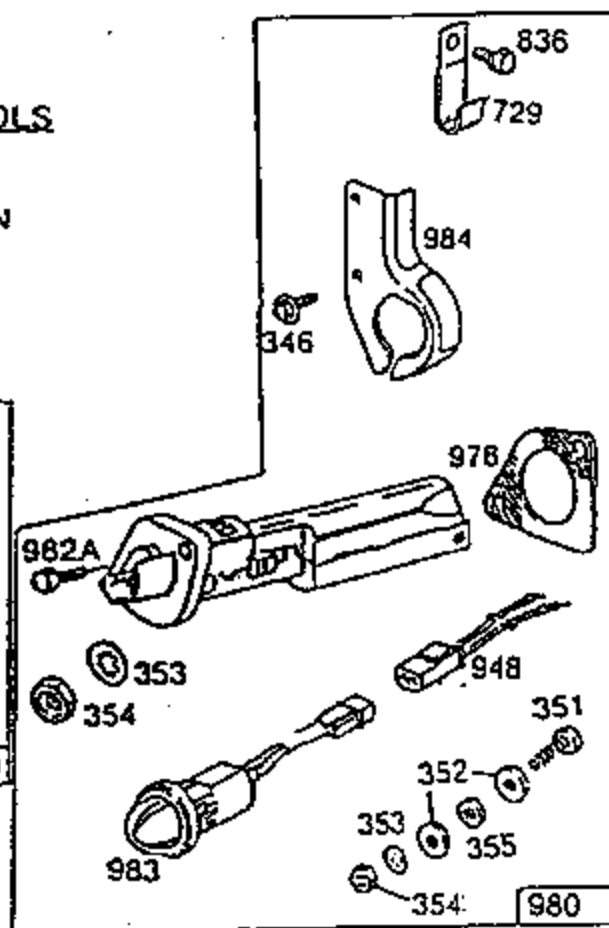
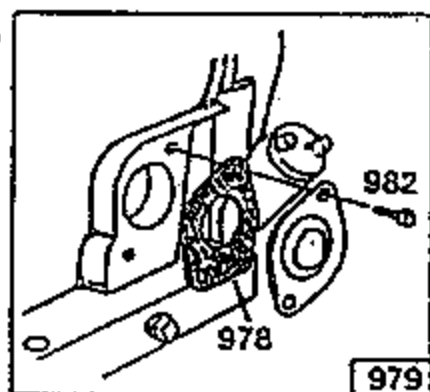








*REQUIRES
SPECIAL TOOLS
TO INSTALL.
SEE REPAIR
INSTRUCTION
MANUAL.



- 1 395990 Cylinder Assembly
 Note: 494955 Cylinder Assy.
 (Used After Code Date
 91063000).
 398765 Cylinder
 Assembly (Oil Gard®)
 (Used Before Code
 Date 91070100).
 on Type Nos.
 5001, 5002, 5003,
 5005, 5501.
- 2 297565 Bushing-Cylinder
 Note: Requires Special Tools
 For Installation.
- 3 *299819 Sea-Oil
- 5 211127 Head-Cylinder
- 7 *272157 Gasket-Cylinder Head
- 8 294178 Breather-Valve
 Chamber
- 9 *27549 Gasket-Valve Cover
- 10 94621 Screw-Breather Mtg.
- 11 271489 Grommet-Breather
 Tube
- 12 *270080 Gasket-Crankcase
 (.015" Thick, Std.)
 *270125 Gasket-Crankcase
 (.005" Thick)
 *270126 Gasket-Crankcase
 (.009" Thick)
- 13 93368 Screw-Cylinder Head
 (2-3/32" Long)
- 14 93369 Screw-Cylinder Head
 (2-15/32" Long)
- 15 91249 Plug--Pipe, 1/4" Std.,
 Square Head
 Note: 93448 Plug-Pipe
 (Hex. Socket)
 94174 Plug-Oil Drain
 (Magnetic)
 Used on Engines
 Equipped for Oil Gard®
- 16 397092 Crankshaft
 Note: To Replace Crankshaft
 Gear Pin, Order Part
 No. 230978.
 397091 Crankshaft
 (Used After Code Date
 91063000).
 397090 Crankshaft
 (Used Before Code
 Date 91070100).
 Used on Type Nos.
 5001, 5002, 5003,
 5501.
 492090 Crankshaft
 Used on Type No.
 5005.
 493290 Crankshaft
 Used on Type No.
 0102.
 494035 Crankshaft
 Used on Type Nos.
 0105, 0106, 4001.
- 17 99157 Bearing-Ball
 (Magneto Side)
- 17A 99158 Bearing-Ball

- 18 298204 (P.T.O. Side)
Cover Assembly-
Crankcase
Used on Model 130432
Series Engines.
Note: 392778 Cover Assy.-
Crankcase
Used on Type Nos.
0105, 0106, 4001.
- 19 297603 Bushing-Crankcase
Cover
Note: Bushings
Require Special Tools
For Installation.
- 20 *393812 Seal-Oil
Used on Model 130432
Series Engines.
Note: 392741 Oil Seal and
Spacer
Used on Type Nos.
0105, 0106, 4001.
- 21 66768 Plug-Oil Filler
- 22 93032 Screw-Crankcase
Cover Mounting
- 23 297229 Flywheel-Magneto
- 24 222698 Key-Flywheel
- 25 298904 Piston Assembly
(Standard)
- 298905 Piston Assy.
(.010" O.S.)
- 298906 Piston Assy.
(.020" O.S.)
- 298907 Piston Assy.
(.030" O.S.)

MODEL 130400 SERIES

PISTON RING SETS:

- 26 298982 Ring Set-Piston
(Standard)
- 298983 Ring Set-Piston
(.010" O.S.)
- 298984 Ring Set-Piston
(.020" O.S.)
- 298985 Ring Set-Piston
(.030" O.S.)
- 27 26026 Lock-Piston Pin
- 28 298909 Pin Assy.-Piston
(Standard)
- 298908 Pin Assy.-Piston
(.005" O.S.)
- 29 299430 Rod Assy.-Connecting
Note: For Connecting Rod
With .020" Undersize
Crankpin Bore-Order
No. 390459.
- 30 221890 Dipper-Connecting Rod
- 31 221876 Lock-Conn. Rod Screw
- 32 92296 Screw-Connecting Rod
- 33 211119 Valve Exhaust
- 34 261044 Valve-Intake
- 35 260552 Spring-Intake Valve
- 36 26478 Spring-Exhaust Valve
- 37 222443 Guard-Flywheel
- 40 93312 Retainer-Intake
Valve Spring
- 45 260642 Tappet-Valve
- 46 212733 Gear-Cam
- 50 212358 Elbow-Intake

51	*68987	Gasket-Carb. Mtg. (Elbow to Carb.)
52	*27355	Gasket-Carb. Mtg.
53	93357	Screw-Carburetor and Intake Elbow Mtg.
55	299431	Housing-Rewind Starter
56	295871	Pulley-Rewind Starter (Includes 63" Long Rope) If Longer Rope is Required, Order Rope No. 66894 and Cut to Length.
57	490179	Spring-Rewind Starter
58	66884	Rope-Rewind Starter (63" Long) If Longer Rope is Required, Order Rope No. 66894 and Cut to Length.
59	490653	Insert-Starter Handle
59A	230228	Pin-Starter Grip
60	490652	Handle-Rewind Starter
60A	66728	Grip-Starter Rope
65	94063	Screw-Stamped Steel Housing Mtg. Sem
66	399671	Clutch Assembly- Rewind Starter
67	394897	Housing-Starter Clutch
68	63770	Ball-Clutch
70	298799	Ratchet-Rewind Starter
71	394506	Washer-Clutch Retainer
73	221923	Screen-Starter Pulley
74	93490	Screw-Sem
75	224061	Washer-Spring
81	222263	Lock-Screw
90	393753	Carburetor Assembly
91	393978	Housing Assembly- Throttle
93	23230	Bushing-Throttle Shaft
94	·292681	Valve Assembly- Carburetor Idle
95	93499	Screw-Throttle Valve
96	222972	Valve-Throttle
97	393827	Shaft and Lever- Throttle
98	91920	Screw-Machine, Fill. Hd.
99	·26157	Spring-Throttle Adjustment
101	93043	Pin-Throttle Stop and Governor Shaft
102	·27917	Gasket-Carburetor Body
104	·23114	Pin-Float Hinge
107	393979	Body Assembly- Carburetor Lower
108	220897	Valve-Choke
109	294874	Shaft and Lever
110	220899	Washer-Choke Lever
111	26229	Spring-Choke Lever
112	23270	Screw-Choke Lever
113	·231428	Nozzle-Carburetor
116	280203	Packing-Needle Valve

119	93347	Screw-Throttle Hsg. and Fuel Pump Body Mounting Sem
121	398993	Carburetor Overhaul Kit
127	220352	Plug-Welch
128	210811	Venturi-Carburetor
132	212904	Stop-Throttle Lever
133	293477	Float-Carburetor
134	293478	Valve and Seat- Fuel Inlet
135	68877	Gasket-Fuel Inlet Valve Seat
149	261357	Spring-Needle Valve
157	27840	Gasket-Venturi
163	271042	Gasket-Air Cleaner (Below Spacer)
166	231314	Stud-Air Cleaner
172	280213	Spacer-Air Cleaner
172A	271139	Gasket-Air Cleaner (Above Spacer)
180	292945	Tank Assembly-Fuel (3 Quart)
181	69221	Cap-Fuel Tank
Note: 392305		Cap-Fuel Tank Used on Type No. 5003.
187	296004	Line-Fuel (23") (Cut to Suit)
Note: 393815		Line-Fuel (11") (Cut to Suit)
196	222946	Support-Fuel Tank
197	93083	Screw-Tank Mtg. Sem
198	293934	Valve Assembly-Fuel Shut-Off
199	295896	Outlet-Fuel Tank (Includes Strainer) (For Flexible Fuel Pipe)
200	221480	Guide-Air
201	261589	Link-Governor
Note: 260585		Spring- Governor Link Used on Type Nos. 0105, 0106, 4001, 5001, 5003, 5005, 5501.
206	231266	Nut-Control Rod
207	26855	Spring-Control Rod
208	261985	Rod-Control
209	261126	Spring-Governor
219	494845	Gear-Governor (Used After Code Date 91060900).
Note: 391737		Gear-Gov. (Used Before Code Date 91061000).
220	221551	Washer-Thrust
222	494826	Plate-Gov.Control (Used After Code Date 91042800).
Note: 393785		Plate-Gov. Control (Used Before Code Date 91042900).
227	393920	Lever Assy.-Governor

230	222450	Washer-Governor Lever
240	298090	Filter-Fuel (In Fuel Pipe)
244	230318	Connector-Flexible Fuel Line
268	66986	Casing-Control Wire (48" Long)
Note: If Longer Casing is Needed, Specify Length in Inches; if a Shorter Casing is Needed, Order No. 66986 and Cut to Required Length.		
269	26099	Wire-Control (54" Long)
Note: If Longer Wire is Needed, Specify Length in Inches; if Shorter Wire is Needed, Order No. 26099 and Cut to Required Length.		
270	63426	Locknut-Control Wire Casing
271	290568	Lever Assy.-Control
280	223236	Strap
300	393615	Muffler-Exhaust (Lo-Tone)
300A	396001	Muffler-Exhaust
304	398345	Housing-Blower
305	93158	Screw-Blower Housing Mounting
306	221511	Shield-Cylinder
307	93490	Screw-Cylinder Shield
308	224738	Cover-Cylinder Head
333	397358	Armature Group
335	93414	Screw-Armature Mounting Sem
337	298809	Plug-Spark (1-1/2" High, 38 mm)
Note: 293918 Plug-Spark (1-1/2" High, 38 mm) (Resistor Type) 802592 Plug-Spark (1-7/8" High, 48 mm) (Resistor Type)		
346	93705	Screw-Sem
351	93735	Screw-Terminal
352	66068	Washer-Insulating (2)
353	92791	Washer-Lock
354	90576	Nut-Hex.
355	66554	Washer-Insulating
356	398874	Wire-Ground
357	91539	Key
358	397145	Gasket Set
363	19069	Puller-Flywheel
373	92987	Nut-Hex.
378	22032	Washer-Needle Valve Packing
380	62199	Washer-Plain
381	93158	Screw-Hex. Hd. Sem
383	89838	Wrench-Spark Plug
445	396424	Cartridge Air Cleaner
446	222844	Base-Air Cleaner

467	212706	Knob-Choke Rod
520	93722	Terminal Spade
526	94409	Screw-Control Bracket
		Mtg. Sem
535	271466	Element-Air Cleaner
552	231079	Bushing-Governor
		Crank
562	92613	Bolt-Governor Lever
575	396691	Switch Assembly-
		Rotary
592	231082	Nut-Hex.
601	93053	Clamp-Fuel Pipe
608	390463	Starter Assy.-Rewind
613	93935	Screw-Muffler Mtg.
613A	94054	Screw-Hex. Hd.

		Shoulder
614	93306	Pin-Cotter
615	93307	Retainer-E-Ring
616	231077	Crank-Governor
635	66538	Elbow-Spark Plug
642	223306	Cover-Air Cleaner
655	222598	Anchor-Spring
658	222939	Brace-Fuel Tank
676	395700	Deflector-Exhaust
		(Direct Outlet)
681	399619	Needle Valve Assy.
725	223303	Shield-Muffler
729	223528	Retainer-Wire
729A	280590	Retainer-Wire
741	262060	Gear-Timing
		(For Ball Bearing)

Note: 261696 Gear-Timing
(For Plain Bearing)

836	93559	Screw-Hex. Hd.
851	221798	Cable Terminal-
		Ignition
852	396397	Cleaner Group-Air
869	211787	Seat-Intake Valve
		(Standard)
870	211172	Seat-Exhaust Valve
871	231348	Guide-Exhaust Valve

Note: 63709 Guide-Intake
Valve

883	*270918	Gasket-Exhaust
917	223271	Valve Handle-Fuel
		Shut-Off
948	398661	Harness-Wire
978	*271736	Gasket-Cover
979	494807	Cover-Oil Gard®
980	398182	Switch-Oil Gard®
982	94658	Cover Screw-
		Oil Gard®
982A	94657	Screw OilGard® Mtg.
983	398660	Light-Indicator
984	223773	Bracket-Indicator
		Light
985	398525	Terminal-Insulated
1016	490817	Spacer
1019	491100	Label Kit

* Included in Gasket Set-Part No.
397145.

· Included in Carburetor Overhaul Kit-
Part No.398993.