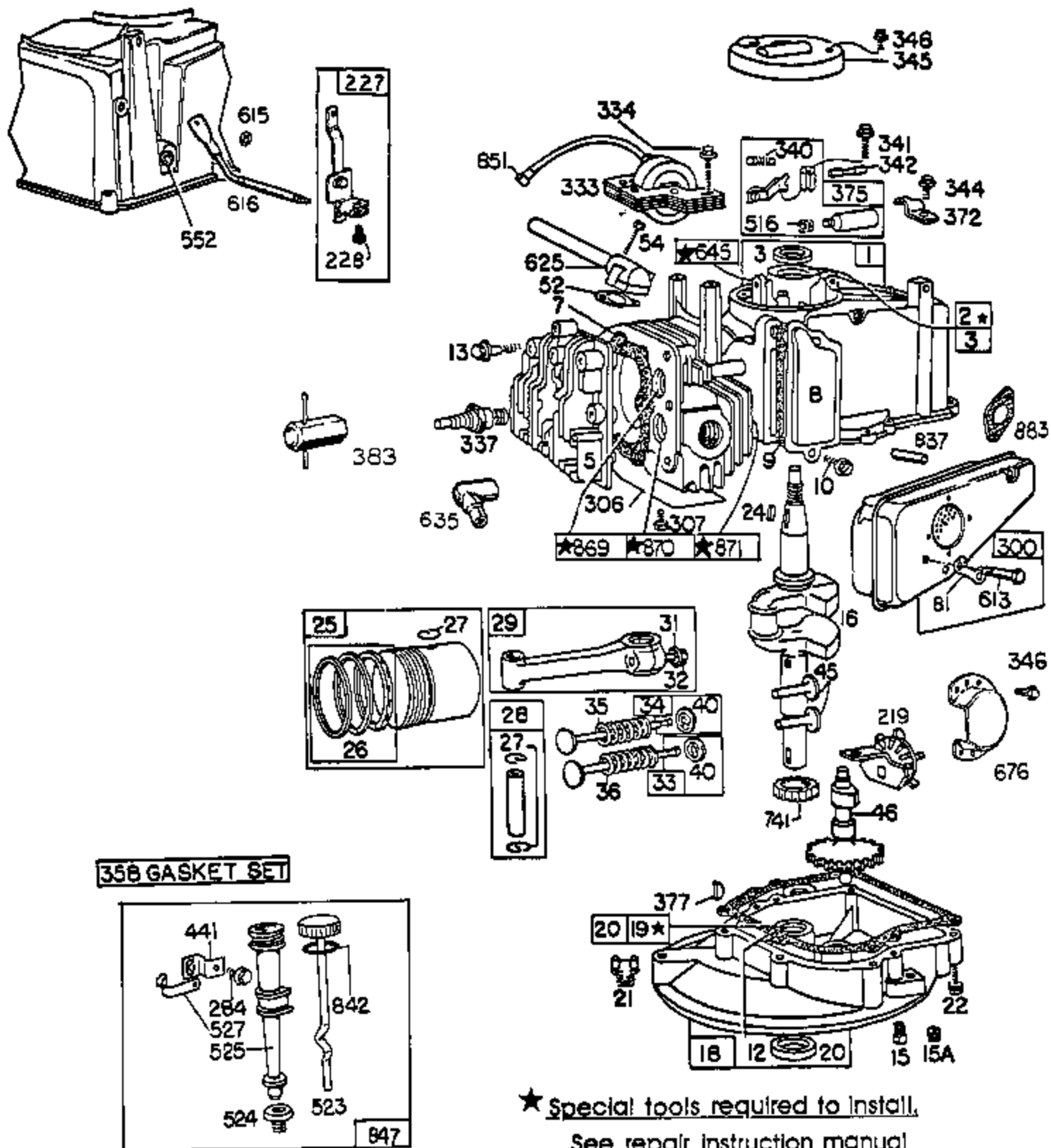
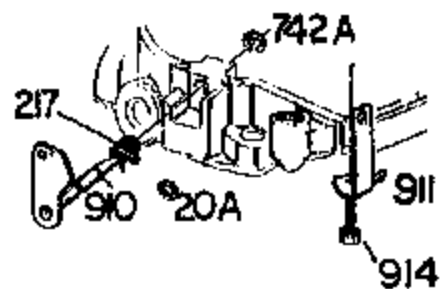
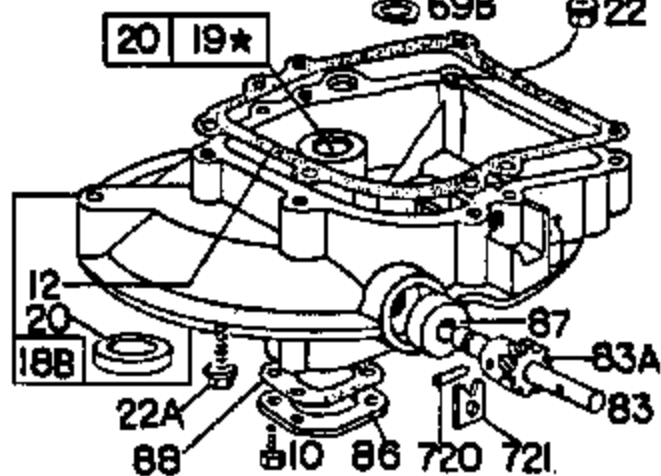
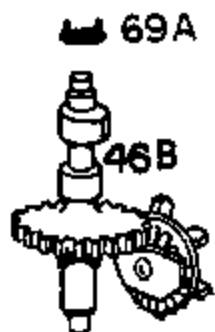
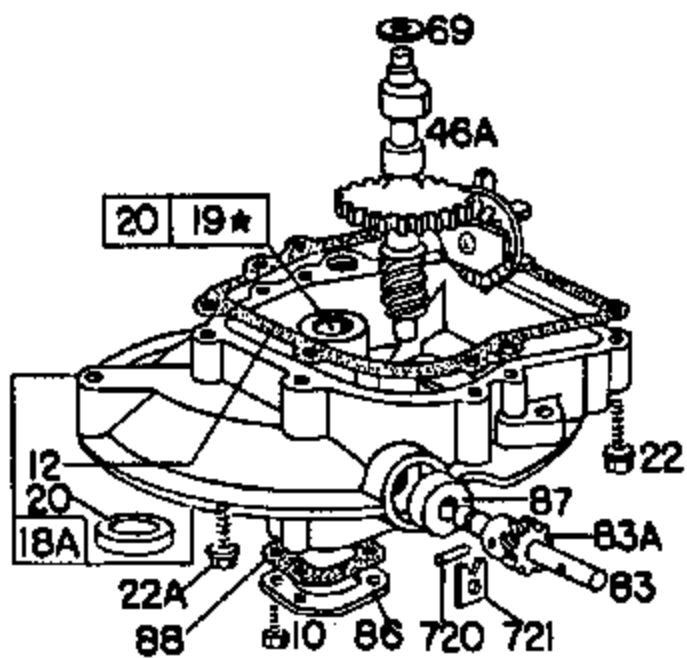
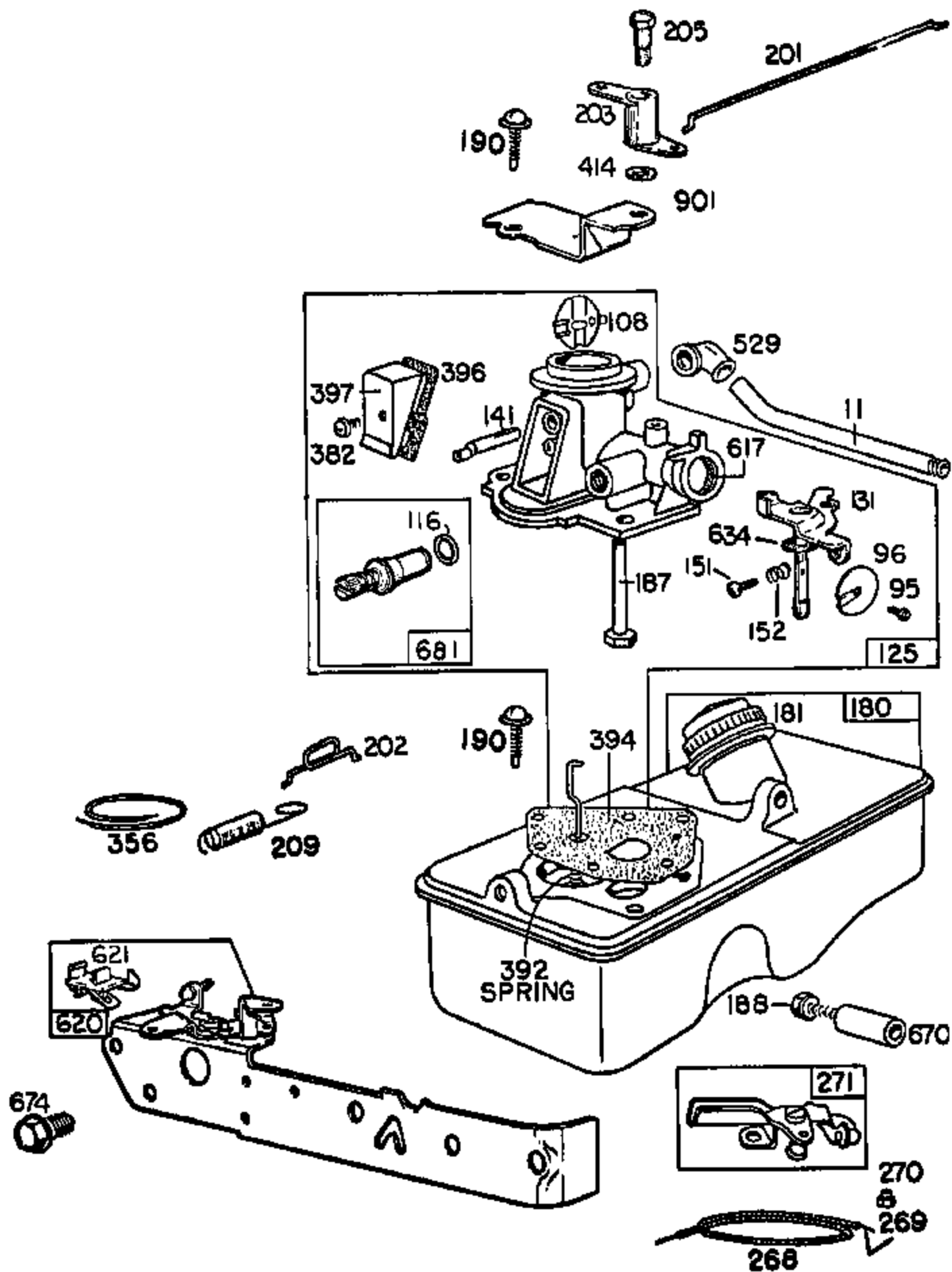


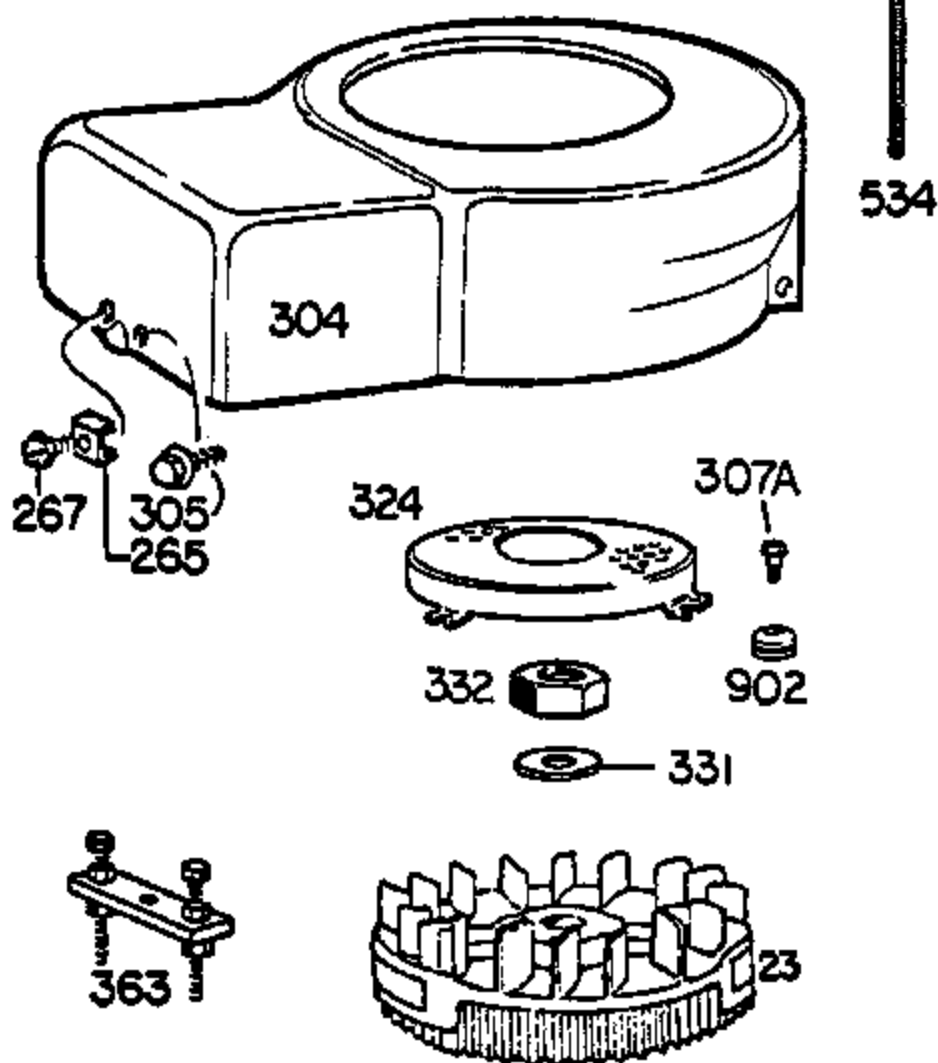
FORM MS-7715
11/83
Illustrated Parts List
Model Series
95500 to 95599
TYPE NUMBERS
0015 through 0017
0050 through 0052
0117, 0136, 0137
0150 through 0187





***NOTE-SPECIAL TOOLS REQUIRED FOR INSTALLING
SEE REPAIR INSTRUCTION MANUAL**





1	394094	Cylinder Assembly
2	293708	Bushing--Cylinder
	Note: Requires special tools for installation.	
3	299819	Seal--Oil
5	211479	Head--Cylinder
7	*270341	Gasket--Cylinder Head
8	298383	Breather--Valve Chamber
9	*270239	Gasket--Valve Cover
10	93394	Screw--Breather and P.T.O. Gear Sump Cover (Ref. No. 86) Mounting Sem
11	230802	Tube--Breather
12	*270833	Gasket--Crankcase-- .015" thick (Standard)
	*270895	Gasket--Crankcase-- .005" thick
	*270896	Gasket--Crankcase-- .009" thick
13	93111	Screw--Cylinder Head (1-15/16" long)
15	91084	Plug--Oil Drain (Square Head)
15A	93418	Plug--Oil Drain (Socket Head)
16	394030	Crankshaft
	Note: 394322 Crankshaft Used on Type Nos. 0016, 0052, 0151, 0152, 0153, 0159, 0161, 0162, 0166, 0168, 0172, 0180, 0182, 0183, 0185. 394371 Crankshaft Used on Type Nos. 0017, 0154, 0167, 0175, 0176, 0178, 0184, 0186. 394507 Crankshaft Used on Type Nos. 0158, 0164.	
18	394157	Sump--Oil
18A	391645	Sump--Oil
18B	394746	Sump--Oil (For Clutch)
19	293709	Bushing--Oil Sump
	Note: Requires special tools for installation.	
20	391483	Seal--Oil
20A	280266	Seal--Oil
21	66768	Plug--Oil Filler
22	93032	Screw--Sump Mtg. Sem
22A	93415	Screw--Sump Mtg. Sem
	(One used in Auxiliary Drive Gear Sump)	
	Note: Use 93032 Screw in the other (5) Sump mounting holes. Use (4) 93032 Screws with Ref. 914 Screw on Clutch Type	
23	394032	Flywheel--Magneto
24	61760	Key--Flywheel
25	298904	Piston Assy.--Standard
	298905	Piston Assy.--.010" O.S.
	298906	Piston Assy.--.020" O.S.

298907 Piston
Assy.---.030" O.S.

MODEL 95500 SERIES PISTON

RING SETS:

Note: For Chrome Piston
Ring Set--Standard
Size--order Part No.
299742.

26 298982 Ring Set--Standard
Piston
298983 Ring Set--.010"
O.S. Piston
298984 Ring Set--.020"
O.S. Piston
298985 Ring Set--.030"
O.S. Piston

27 26026 Lock--Piston Pin
28 298909 Pin Assembly--
Piston--Standard
298908 Pin Assembly--
Piston--.005" O.S.

29 294201 Rod Assy.--
Connecting

Note: For Connecting Rod
with .020" undersize
Crankpin Bore--order
No. 296079.

31 222282 Washer--Connecting
Rod Screw
32 92296 Screw--Connecting
Rod
33 296676 Valve--Exhaust
34 296677 Valve--Intake
35 260552 Spring--Intake Valve
36 26478 Spring--Exhaust
Valve

40 93312 Retainer--Valve
Spring

45 230173 Tappet--Valve

46 210453 Gear--Cam

46A 394333 Cam Gear, Worm and
Oil Slinger Assy.

Note: 394335 Cam Gear
Worm and Oil Slinger
Assy.
Used on Type Nos.
0051, 0163, 0170.

46B 394053 Cam Gear,
Oil Slinger
Assembly (For Clutch)

52 *270345 Gasket--Intake
Elbow

54 93485 Screw--Intake Elbow

65 93587 Mounting
Screw--Vertical Pull

69 66718 Starter Mounting
Washer--Thrust
(1-1/16" O.D. x
17/32" I.D.)

Note: 68938 Washer--Thrust
Used on Type Nos.
0051, 0163.

69A 223225 Washer--Clip

69B 223228 Washer--Thrust

74 93490 Screw--Sem

81 223256 Lock--Muffler Screw

83 230831 Shaft--Drive

Note: 230948 Shaft--Drive
Used on Type Nos.
0051, 0052, 0163,
0169.
230952 Shaft--Drive
Used on Type No.
0170.

83A 231278 Gear--Drive

Note: 230906 Gear--Drive

Used on Type No.
0170.

231279 Gear--Drive

Used on Type Nos.

0051, 0163, 0169,
0186.

86	221780	Cover--Sump
87	391484	Seal--Oil
88	*270328	Gasket--Sump Cover
95	93499	Screw--Throttle
		Valve Mounting Sem
96	211203	Valve--Throttle
108	280178	Valve--Choke
116	280203	Seal--O-Ring
125	394596	Carburetor Assembly
131	394593	Shaft and Lever-- Throttle
141	68908	Shaft--Choke

151	93524	Screw--Machine, Rd. Hd.--5-40 x 1/2"
152	260746	Spring--Throttle Adj.
163	271139	Gasket--Air Cleaner Mounting
172	271273	Gasket--Air Cleaner
180	393113	Tank Assembly--Fuel
181	298425	Cap--Fuel Tank
187	393001	Pipe--Fuel
188	93585	Screw--Fuel Tank and Starter Mounting
190	93440	Screw--Fuel Tank Mounting Sem
201	261539	Link--Governor
202	261541	Link--Throttle
203	280272	Crank--Bell
205	93838	Screw--Shoulder
209	261618	Spring--Governor For 3200 to 3400 RPM Top Speed Set - NoLoad

Note: 261642 Spring--Gov.

(2900 to 3100 RPM)

Used on Type Nos.

0015, 0016, 0017,
0050, 0051, 0052,
0151, 0155, 0156,
0157, 0159, 0163,
0164, 0166, 0167,
0168, 0170, 0171,

0172, 0174, 0176,
0179, 0180, 0182,
0187.

261643 Spring--Gov.

(3500 to 3700 RPM)

Used on Type Nos.

0161, 0183.

261644 Spring--Gov.

(2600 to 2800 RPM)

Used on Type Nos.

0181, 0184.

217	261520	Spring--Return (Clutch Lever)
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219	394053	Oil Slinger Assembly
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227	394115	Lever Assy.--Governor
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228	93758	Screw--Hex. Hd.
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265	22372	Clamp--Casing
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267	93469	Screw--Clamp Mtg.
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268	66986	Casing--Control Wire--48" long
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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
284	93572	Screw--Clamp Mtg.
300	394644	Muffler--Exhaust
	Note: 393400 Muffler-- Exhaust Used on Type Nos. 0175, 0177, 0178, 0182, 0186, 0187.	
304	394249	Housing--Blower (For Vertical Pull Starter) Used on Model 95508 Series.
305	93559	Screw--Blower Housing Mounting Sem
306	223048	Shield--Cylinder
307	93490	Screw--Cylinder Shield Mounting Sem
307A	93926	Screw--Shoulder
324	223006	Screen--Rotating
331	223047	Washer--Flywheel
332	92284	Nut--Flywheel
333	298502	Armature--Magneto
334	93381	Screw--Armature Mounting Sem
337	298809	Plug--Spark 1-1/2" High-- (37-42 MM)
	Note: 29693 Plug--Spark 2" High--(51 MM)	
		293918 Plug--Spark 1-1/2" High-- (37 MM) (Resistor Type)
		392588 Plug--Spark 2" High--(51 MM) (Resistor Type)
340	26018	Spring--Breaker Arm
341	93381	Screw--Breaker Arm Mounting Sem
342	65704	Plunger--Breaker Point
344	93042	Screw--Condenser Clamp Mounting Sem
345	220366	Cover--Breaker Point and Condenser
346	93705	Screw--Hex. Hd. Sem
356	298479	Wire--Ground
358	298989	Gasket Set
363	19069	Puller--Flywheel (Optional Accessory)
372	220477	Clamp--Condenser
375	294628	Breaker Points and Condenser Set
	Note: 299061 Ignition Kit Includes: 294628 Point Set 65704 Plunger 61760 Key--Flywheel	
377	93065	Key--Woodruff, No. 6

382	93864	Screw--Choke Link Cover
383	89838	Wrench--Spark Plug
392	261016	Spring--Diaphragm
394	299637	Diaphragm--Carburetor
396	270571	Gasket--Choke Link Cover
397	211678	Cover--Choke Link
414	220982	Washer
441	222530	Bracket--Oil Fill Tube
508	93158	Screw--Sem
516	260374	Spring--Connector (Condenser Post)
523	391838	Cap with Dipstick--Oil Filler
524	68838	Seal--Filler Tube
525	280131	Tube--Oil Filler
527	222548	Clamp--Oil Filler Tube
529	67838	Grommet--Breather
534	93928	Screw--Air Cleaner
535	270579	Element--Air Cleaner
536	394214	Cleaner Assembly--Air
552	230732	Bushing--Governor Shaft
613	93935	Screw--Muffler Mounting
615	93307	Retainer--E-Ring
616	394075	Crank--Governor
617	270344	Seal--Intake Tube
620	394056	Plate--Carburetor Control
Note: 394213		Plate--Carb. Control Used on Type Nos. 0015, 0016, 0017, 0050, 0051, 0052.
621	297472	Switch--Stop
625	298775	Tube--Fuel Intake
634	270167	Washer--Throttle Shaft (Felt)
635	66538	Elbow--Spark Plug
643	222991	Cup--Air Cleaner
643A	280268	Support--Air Cleaner Element
645	23513	Bushing--Plunger
655	222057	Anchor--Spring
670	93912	Spacer--Fuel Tank
674	93559	Screw--Tank to Brackel
676	222238	Deflector--Muffler (Side Outlet)
681	395508	Needle Valve
720	93474	Pin--Gear to Shaft
721	221779	Stop--Drive Shaft
741	261533	Gear--Timing
742	93525	Ring--Retaining
742A	93925	Ring--Retaining (Clutch Lever)
764	391486	Starter Assembly--Vertical Pull
765	299947	Housing--Vertical Pull Starter
766	280022	Pulley--Rope (Small)
767	231048	Pin--Small Rope Pulley (7/16- long)
768	299948	Pulley and Gear Assy.
769	66734	Rope--Vertical Pull Starter
771	299961	Clip--Vertical Pull

		Starter
774	280121	Insert--Starter Handle
775	280036	Grip--Starter Rope
776	222094	Guide--Rope
777	390066	Spring--Vertical Pull Starter
778	280021	Cover--Vertical Pull Starter Cover
837	222241	Spacer--Muffler Mtg.
842	270920	Seal--Oil Filler Cap
847	392055	Tube Assy.--Oil Fill
851	221798	Terminal--Ignition Cable
869	210879	Seat--Intake Valve (Standard)
870	211291	Seat--Exhaust Valve (Standard)
871	63709	Guide--Exhaust Valve
883	270774	Gasket--Exhaust Pipe
901	223083	Bracket--Ball Crank
902	280271	Grommet--Screen
906	261650	Spring--Torsion
907	394871	Sleeve Assy.-- Clutch
908	231220	Gear--Worm
Note: 231219		Gear--Worm Used on Type Nos. 0169, 0186.
909	271417	Washer--Thrust
909A	271418	Washer--Thrust
909B	271312	Washer--Thrust
910	394051	Lever Assy.--Clutch
911	223009	Control Bracket-- Clutch
914	93970	Screw--Bracket Mtg. Sem

*included in Gasket Set-
Part No. 298989.