

Ref #	Part Number	Qty	Description
1	34328B		Cylinder (Incl. 2, 20 & 149)(3-1/8" B ore)
2	27652		Pin, Dowel
14	28277		Washer, Flat
15	35082		Rod, Governor
16	32651		Lever, Governor
17	31335		Clamp, Governor lever
18	650548		Screw, 8-32 x 5/16"
19	34043		Spring, Extension
20	32630		Seal, Oil
25	35256A		Baffle, Blower housing
26	650561		Screw, 1/4-20 x 5/8"
30	33644B		Crankshaft (Incl. 108 & 109)
32	35653		Washer (1-3/8" I.D. 1-3/4" O.D. .015" thick)
40	34552		Piston, Pin & Ring Set (Std.) (3-1/8" Bore)
40	34553		Piston, Pin & Ring Set (.010" OS)
40	34554		Piston, Pin & Ring Set (.020" OS)
41	34329A		Piston & Pin Ass'y. (Std.)(Incl. 43)(3-1/8")
41	34330A		Piston & Pin Ass'y. (.010" OS) (Incl. 43)
41	34331A		Piston & Pin Ass'y. (.020" OS) (Incl. 43)
42	34332		Ring Set (Std.) (3-1/8" Bore)
42	34333		Ring Set (.010" OS)
42	34334		Ring Set (.020" OS)
43	27888		Ring, Piston Pin retaining
45	32591C		Rod Assy., Connecting (Incl. 47)
47	650662C		Bolt, Connecting rod (2 pieces)
48	34034		Lifter, Valve
50	34040		Camshaft (MCR)
52	31356		Pump Assy., Oil
60	33273A		Extension, Blower housing
64	30063		Screw, Torx T-30, 1/4-20 x 1/2"
65	650128		Screw, 10-24 x 1/2"
69	35262		* Gasket, Mounting flange
70	33580		Flange Ass'y. (Incl. 72, 75, 80 & 81)
72	31927		Plug, Pipe
75	31950		Seal, Oil
80	30668		Shaft, Mechanical governor
81	30590A		Washer, Flat
82	30591		Gear Assy., Governor (Incl. 81)
83	30588A		Spool, Governor
84	29193		Ring, Retaining
86	650833		Screw, 1/4-20 x 1-3/16"
88	31707A		Governor Spacer Assy. (Incl. 81)
89	32589		Key, Flywheel
92	650793		Washer, Flat
92	650815		Washer, Belleville
93	8116		Nut, Hex, 1/2-20
101	610118		Cover, Spark plug (Use as required)
103	650516		Screw, 1/4-20 x 1-1/8"
108	29783		Pin, Crankshaft
109	33245		Gear, Crankshaft
119	34041A		* Gasket, Cylinder head
120	34030		Head, Cylinder
123	33261		Bracket, Intake pipe
124	650738		Screw, 1/4-20 x 5/8"
125	27878A		Exhaust Valve (Std.) (Incl. 151)
125	27880A		Exhaust Valve (1/32" OS) (Incl. 151)
126	34035		Intake Valve (Std.) (Incl. 151)
126	34036		Intake Valve (1/32" OS) (Incl. 151)

Ref #	Part Number	Qty	Description
127	650691		Washer, Flat (Do not use with 6021A s crew)
128	650690		Washer, Belleville
130	650694A		Screw, 5/16-18 x 2"
131	6021A		Screw, 5/16-18 x 1-1/2" (Do not use w /650691)
131	650788		Screw, 5/16-18 x 3/4"
135	33636		Resistor Spark Plug
149	27882		Valve Spring Cap
149A	35862		Seal Assy., Intake valve
150	27881		Spring, Valve
151	32581		Valve Spring Keeper
169	27896A		* Gasket, Breather
170	28423		Body Assy., Breather
171	28424		Element, Breather
172	28425		Cover, Breather
173	35350		Tube, Breather
174	650128		Screw, 10-24 x 1/2"
178	29752		Nut & Lockwasher, 1/4-28
182	30088A		Screw, 1/4-28 x 1"
184	33263		* Gasket, Carburetor
185	34926		Pipe, Intake
186	33860		Link, Governor-to-throttle
200	35201		Control Bracket
202	33802		Spring, Compression
205	650777		Screw, 6-32 x 21/32"
206	610973		Terminal Assy. (Use as required)
209	30200		Screw, 10-24 x 9/16"
210	27793		Clip, Conduit
211	28942		Screw, 10-32 x 3/8"
223	650378		Screw, Torx T-30, 5/16-18 x 1-1/8"
224	27915A		* Gasket, Intake pipe
239	33629		* Gasket, Air cleaner
239A	34912		* Gasket, Air cleaner-to-housing
243	650762		Screw, 10-32 x 1-29/32"
252	650707		Screw, 10-32 x 5/8"
253	650651		Screw, 1/4-20 x 5/8"
260	34094A		Blower Housing (For electric starter) NOTE: Replacement hardware may differ when servicing starter assy. or blower housing. Refer to Service Bulletin 508.
261	650788		Screw, 5/16-18 x 3/4"
262	29747B		Screw, 5/16-24 x 21/32"
264	650802		Screw, 1/4-20 x 5/8"
264A	650738		Screw, 1/4-20 x 5/8"
265	33272A		Cover, Cylinder head
275	33280A		Muffler
276	31588		Plate, Muffler locking
277	650729		Screw, 5/16-18 x 3-3/16" (Use As Req.)
277	651002		Screw, 5/16-18 x 4-3/16" (Use As Req.)
277	30196		Screw, 5/16-18 x 3/4" (Use As Req.)
281	33013		Cover, Starter bubble
282	650760		Screw, 8-32 x 3/8"
290	30705		Fuel Line (Braided 16") (40cm)
290	29774		Fuel Line (Braided 8-1/4") (21cm)(As req.)
292	26460		Clamp, Fuel line
292A	35864		Clamp, fuel filter to fuel line
296	34279B		Filter, Inline fuel
298	28763		Screw, 10-32 x 35/64"
301	33032		Fuel Cap (Use as required in early pr od.)

Ref #	Part Number	Qty	Description
301	34210		Fuel Cap (Use as required in early pr od.)
307	29673		* Gasket, Oil fill
310	34245		Dipstick, Oil (Incl. 307)
327	33817		Plug, Screen
344	33630		Bracket, Air cleaner
370	34346		Decal, Instruction
379	610767A		Condenser
379	631021		Inlet Needle, Seat & Clip Assy.
380	632238		Carburetor (Incl. 184) (Refer to Division 5, Section A, page 182 for breakdown or Fiche10A, Grid E-11)
381	29117		Screw, 8-32 x 5/16 (Not used on late prod.)
382	33581		Screen, Oil filter (Not used in late prod.)
400	33279G		* Gasket Set (Incl. items marked *)

ILLUSTRATION SHOWS TYPICAL PARTS ONLY. ORDER BY PART NUMBER. PARTS NOT LISTED ARE SUPPLIED BY DEM.



Ref #	Part Number	Qty	Description
16	32651		Lever, Governor
19A	35203		Spring, Extension
19	34043		Spring, Extension
64	30063		Screw, Torx T-30, 1/4-20 x 1/2"
70	33580		Flange Ass'y. (Incl. 72, 75, 80 & 81)
72	31927		Plug, Pipe
92	650793		Washer, Flat
92	650815		Washer, Belleville
103	650516		Screw, 1/4-20 x 1-1/8"
186	33860		Link, Governor-to-throttle
202	33802		Spring, Compression
205	650777		Screw, 6-32 x 21/32"
210	27793		Clip, Conduit
211	28942		Screw, 10-32 x 3/8"
216	35202A		R.P.M. Adj. Lever (Incl.19A,209A,212, 222,239)
222	650807		Screw, 10-32 x 27/64"
240	34425		Body, Air cleaner
243	650762		Screw, 10-32 x 1-29/32"
246	33631		Element, Air cleaner
250	34446		Cover, Air cleaner
252	650707		Screw, 10-32 x 5/8"
274	27930		* Exhaust Gasket (use as required)
277	650729		Screw, 5/16-18 x 3-3/16" (Use As Req.)
277	651002		Screw, 5/16-18 x 4-3/16" (Use As Req.)
277	30196		Screw, 5/16-18 x 3/4" (Use As Req.)
286	33816		Hub & Screen Assy., Starter
313	33876		Gasket, Stator
319	650874		Screw, 10-32 x 15/32"
320	610938		Regulator, Rectifier (7 amp)
327	33817		Plug, Screen
330A	34069		Wire Harness (7 amp)
330A	34070		Wire Harness (7 amp)
341A	32765		Clamp, Blower housing extension
375	610979		Magneto (w/ring gear) (12 volt, 7 amp) NOTE: The following complete magnetos are not available as an assembly. The magneto numbers are shown for reference purposes only. Order component parts individually, as shown in parts breakdown. (Refer to Division 5 Section B, page36 for breakdown or Fi
377	30547A		Contact Assy., Breaker
415	730130		Exh.Adapter Kit (Incl. 274 & 277)(As req.)

ILLUSTRATION SHOWS TYPICAL PARTS ONLY. ORDER BY PART NUMBER. PARTS NOT LISTED ARE SUPPLIED BY OEM.

**OPTIONAL SPARK
ARRESTOR**



**VIEW 3 of 3
MUFFLER (QUIET)
(OPTIONAL)**



**DEBRIS SCREEN KIT
(OPTIONAL)**



Ref #	Part Number	Qty	Description
275	33280A		Muffler
275C	35824		Muffler (Quiet) (Optional)
277	650729		Screw, 5/16-18 x 3-3/16" (Use As Req.)
277	651002		Screw, 5/16-18 x 4-3/16" (Use As Req.)
277	30196		Screw, 5/16-18 x 3/4" (Use As Req.)
327	33817		Plug, Screen
370C	34870		Decal, Instruction (Optional)
370D	34387		Decal, Instruction (Optional)
408	35570		Screen Seal (Optional)
409	35569		Spacer (Optional)
410	730573		Opt.Screen Kit(Incl.370D,408,409,411, 413)
411	35568		Debris Screen (Optional)
413	650907		Screw, 5/16-18 x 1-5/8" (Optional)
416	34479		Spark Arrestor Kit (Optional)
425	730572		Starter Muff Kit(Incl.370C,426,427)(O pt.)
426	34687		Starter Air Cleaner (Optional)
427	34869		Starter Air Cleaner Bracket (Optional)