

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



Ref #	Part Number	Qty	Description
1	35421		Cylinder (Incl. 2 & 20) (3-5/16" Bore)
2	27652		Dowel Pin
14	28277		Washer
15	35082		Governor Rod
16	32651		Governor Lever
17	31335		Governor Lever Clamp
18	650548		Screw, 8-32 x 5/16"
20	35319		Oil Seal
26	650561		Screw, 1/4-20 x 5/8"
51	35315A		Counterbalance Weight
60	33273A		Blower Housing Extension
62	650760		Screw, 8-32 x 3/8"
63	28545		Grommet
64	30063		Screw, Torx T-30, 1/4-20 x 1/2"
65	650128		Screw, 10-24 x 1/2"
68	33356		Ground Terminal
90	611093		Flywheel (3 amp w/ring gear)
92	650880		Lock Washer
93	650881		Flywheel Nut, 5/8-18
100	35135		Solid State Ignition
101	610118		Spark Plug Cover (use as required)
102	650872		Solid State Mounting Stud
103	650814		Screw, Torx T-15, 10-24 x 1"
119	34923A		* Cylinder Head Gasket
120	34030A		Cylinder Head
125	27878A		Exhaust Valve (Std.) (Incl. 151)
126	34035		Intake Valve (Std.) (Incl. 151)
127	650691		Washer (Do not use with 6021A screw)
128	650690		Belleville Washer
130	650694A		Screw, 5/16-18 x 2"
131	6021A		Screw, 5/16-18 x 1-1/2" (Do not use w /650691)
135	33636		Resistor Spark Plug (RJ17LM)
149	27882		Valve Spring Cap (Exhaust)
150	27881		Valve Spring
151	32581		Valve Spring Keeper
169	27896A		* Valve Cover Gasket
170	28423		Breather Body
171	28424		Breather Element
172	28425		Valve Cover
173	35350		Breather Tube
174	650128		Screw, 10-24 x 1/2"
186	33860		Governor Link
200	35524		Control Bracket (Incl. 203 & 204)
200	35201		Control Bracket
202	33802		Compression Spring
205	650777		Screw, 6-32 x 21/32"
207	35803		Choke Link
209	650902		Screw, 10-32 x 7/16"
210	27793		Conduit Clip
211	28942		Screw, 10-32 x 3/8"
238	650834		Screw, 10-32 x 1-17/32"
245A	35404		Air Cleaner Filter
260	35796A		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, Torx T-40, 5/16-24 x 21/32"

Ref #	Part Number	Qty	Description
264A	650738		Screw, 1/4-20 x 5/8"
264	650802		Screw, 1/4-20 x 5/8"
265	33272B		Cylinder Head Cover
275	33280A		Muffler
276	31588		Locking Plate
277	650729		Screw, 5/16-18 x 3-3/16"
286	35792		Debris Screen
287	650936		Screw, 10-32 x 13/32"
290	30705		Fuel Line (braided 16") (40cm)
292	26460		Fuel Line Clamp
298	28763		Screw, 10-32 x 35/64"
300	33583B		Fuel Tank (Incl. 292, 298 & 301)
301	35355		Fuel Cap NOTE: This tank was built with different size fuel inlet openings. Tanks with the 1-1/2" I.D. opening use fuel cap 33032. Tanks with the 1-3/4" I.D. opening use fuel cap 35355.
314	650873		Screw, 1/4-20 x 3/4"
315	611116		Alternator Coil (3 Amp DC)(Incl.321,3 22,323)
321	611161		Diode
322	611117		Connector Body
323	611118		Terminal
325A	34246		Wire Clip
325	29443		Wire Clip
327	35392		Starter Plug
361	30063		Screw, Torx T-30, 1/4-20 x 1/2"
370	34346		Instruction Decal
370A	34686		Name Decal
370C	35274		Instruction Decal
395A	35763A		Starter Motor (12 Volt) NOTE: Engine requires a ringgear flywheel (611091 minimum) and the cylinder must have drilled and tapped starter mounting bosses to add the electric starter. (Refer to Division 5, Section D, page 30 for breakdown or Fiche 10B, Grid G-4)
398	590685		Rewind Starter & Cup Ass'y. (This assembly replaces 590633 starter. This assembly consists of a 590671 rewind starter and a 35965A starter cup.)

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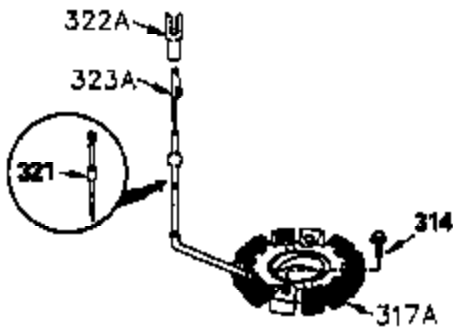
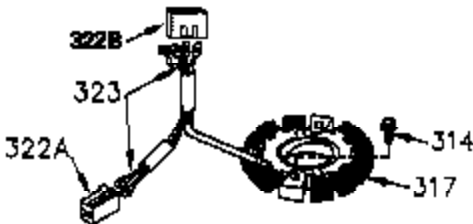
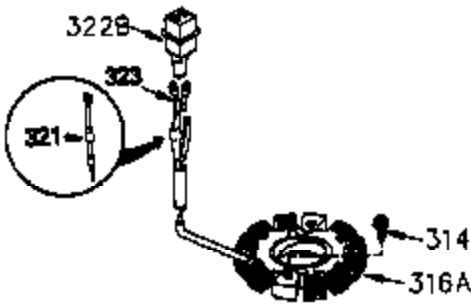
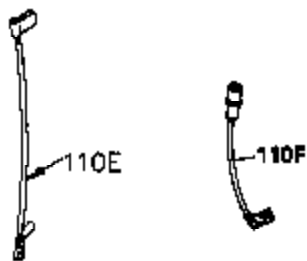
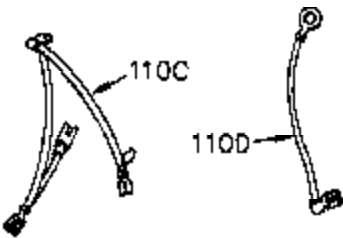
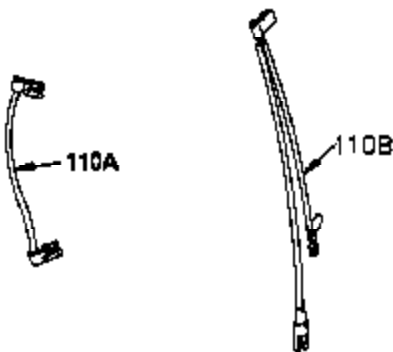
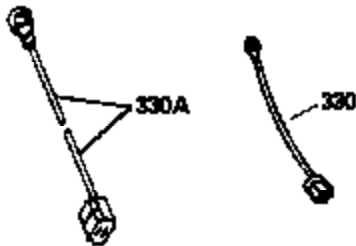
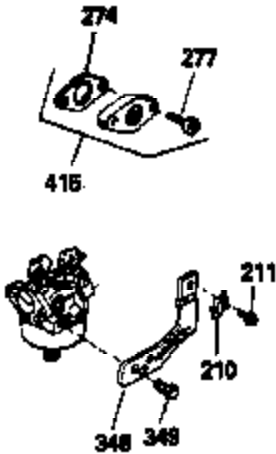


Ref #	Part Number	Qty	Description
30	35429A		Crankshaft
40	35776		Piston, Pin & Ring Set (Std.) (3-5/16 ")
40	35777		Piston, Pin & Ring Set (.010" OS)
40	35778		Piston, Pin & Ring Set (.020" OS)
41	35773		Piston & Pin Ass'y. (Std.) (Incl. 43)
41	35774		Piston & Pin Ass'y. (.010" OS) (Incl. 43)
41	35775		Piston & Pin Ass'y. (.020" OS) (Incl. 43)
42	35779		Ring Set (Std.)
42	35780		Ring Set (.010" OS)
42	35781		Ring Set (.020" OS)
43	35772		Piston Pin Retaining Ring
45	35330A		Connecting Rod (Incl. 46 & 47)
46	650908		Connecting Rod Bolt
47	650882		Connecting Rod Bolt
48	34034		Valve Lifter
50	35381		Camshaft (MCR)
51	35315A		Counterbalance Weight
52	31356		Oil Pump
69	35317		* Mounting Flange Gasket
70	35711A		Mounting Flange (Incl. 72, 75 & 80)
72	31927		Oil Drain Plug
75	35319		Oil Seal
80	30668		Governor Shaft
80	35783		Governor Shaft
81	30590A		Washer
82	35378		Governor Gear (Incl. 81)
83	30588A		Governor Spool
84	29193		Retaining Ring
86	650833		Screw, 1/4-20 x 1-3/16"
88	31707A		Spacer (Incl. 81)
89	32589		Flywheel Key
123	33261		Intake pipe Brace
124	650738		Screw, 1/4-20 x 5/8"
178	29752		Nut & Lock Washer, 1/4-28
182	30088A		Screw, 1/4-28 x 1"
184	33263		* Carburetor To Intake Pipe Gasket
185	34926		Intake Pipe
223	650378		Screw, Torx T-30, 5/16-18 x 1-1/8"
224	27915A		* Intake Pipe Gasket
238	650834		Screw, 10-32 x 1-17/32"
239	33629		* Carburetor Gasket
240	35538B		Air Cleaner Body (Incl. 239)
245	35403		Air Cleaner Filter (Incl. 251)
245A	35404		Air Cleaner Filter
250	35405		Air Cleaner Cover
251	650886		Wing Nut, 1/4-20
251A	650825		Nut & Lock Washer, 1/4-20
252	650887		Screw, 1/4-20 x 1"
290	30705		Fuel Line (braided 16") (40cm)
292	26460		Fuel Line Clamp
305	35574		Oil Tube
307	35499		"O" Ring
308	35437		Fill Tube Clip
310	35576		Dipstick
315	611116		Alternator Coil (3 Amp DC)(Incl.321,3 22,323)
379	631021		Inlet Needle, Seat & Clip Ass'y.

Ref #	Part Number	Qty	Description
380	632588		Carburetor (Incl. 184) (Refer to Division 5, Section A, page A4-6 for breakdown or Fiche 10B, Grid E-9)
398	590685		Rewind Starter & Cup Ass'y. (This assembly replaces 590633 starter. This assembly consists of a 590671 rewind starter and a 35965A starter cup.)
400	33279G		* Gasket Set (Incl. items marked *)
420	730225		SAE 30 4-Cycle Engine Oil (Quart)

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Ref #	Part Number	Qty	Description
25A	35424		Blower Housing Baffle (Incl. 325)
51	35315A		Counterbalance Weight
62	650760		Screw, 8-32 x 3/8"
63	28545		Grommet
64	30063		Screw, Torx T-30, 1/4-20 x 1/2"
68	33356		Ground Terminal
110D	35234		Ground Wire
210	27793		Conduit Clip
211	28942		Screw, 10-32 x 3/8"
238	650834		Screw, 10-32 x 1-17/32"
245A	35404		Air Cleaner Filter
274	35865		Exhaust Gasket (use as required)
277	650729		Screw, 5/16-18 x 3-3/16"
314	650873		Screw, 1/4-20 x 3/4"
315	611116		Alternator Coil (3 Amp DC)(Incl.321,3 22,323)
321	611161		Diode
323	611118		Terminal
398	590685		Rewind Starter & Cup Ass'y. (This assembly replaces 590633 starter. This assembly consists of a 590671 rewind starter and a 35965A starter cup.)
415	730130		Exh.Adapter Kit(Incl.274 & 277)(As Re q.)

STANDARD POINT IGNITION

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Diagram illustrating the assembly of a component (313A) onto a base (103). The assembly involves several parts, including a central component (313A) and a base (103). A callout box shows a detail of a pin (377) and a clip (378). Other labeled parts include 12, 103, 186, 15, 19, 19A, 205, 202, 209, 212, 216, 219, 222, 200, 206, 210, 211, 215, and 375.

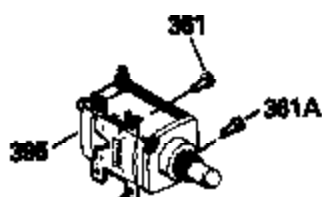
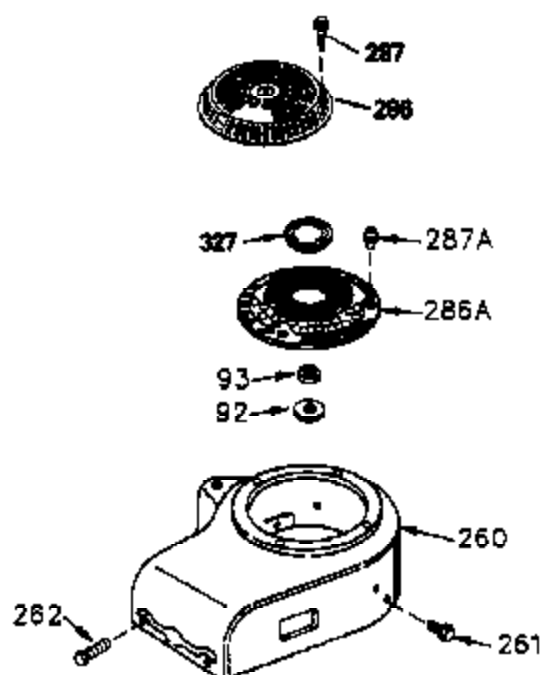
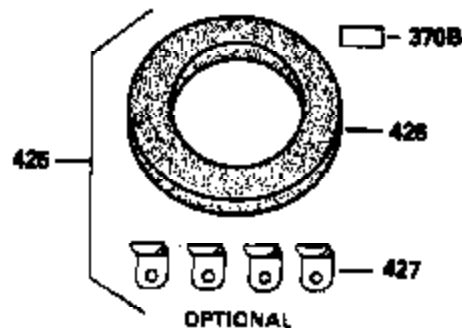


Diagram showing the removal of the rear wheel nut and the rear wheel.

This diagram shows the upper portion of the device in an exploded perspective view. It includes a top cap (410) with a central protrusion (413) and a side handle (411). Below the cap is a circular ring (408). A small circular component (327) is shown next to the ring. The bottom part of the assembly is a base (390) with a central opening (409) and a side handle (395). A rectangular plate (370D) is shown to the right of the top cap.



Ref #	Part Number	Qty	Description
16	32651		Governor Lever
19	34043		Extension Spring
51	35315A		Counterbalance Weight
92	650880		Lock Washer
93	650881		Flywheel Nut, 5/8-18
103	650814		Screw, Torx T-15, 10-24 x 1"
186	33860		Governor Link
200	35524		Control Bracket (Incl. 203 & 204)
200	35201		Control Bracket
202	33802		Compression Spring
205	650777		Screw, 6-32 x 21/32"
209	650902		Screw, 10-32 x 7/16"
210	27793		Conduit Clip
211	28942		Screw, 10-32 x 3/8"
238	650834		Screw, 10-32 x 1-17/32"
245A	35404		Air Cleaner Filter
260	35796A		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, Torx T-40, 5/16-24 x 21/32"
275C	35824		Muffler (quiet) (optional)
277	650729		Screw, 5/16-18 x 3-3/16"
286	35792		Debris Screen
287	650936		Screw, 10-32 x 13/32"
315	611116		Alternator Coil (3 Amp DC)(Incl.321,3 22,323)
327	35392		Starter Plug
361	30063		Screw, Torx T-30, 1/4-20 x 1/2"
398	590685		Rewind Starter & Cup Ass'y. (This assembly replaces 590633 starter. This assembly consists of a 590671 rewind starter and a 35965A starter cup.)
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	34479A		Spark Arrestor Kit
425	730572		Starter Muff Kit (Incl.370,426,427)(O pt.)
426	34687		Starter Air Cleaner (Optional)
427	34869		Starter Air Cleaner Bracket (Optional)