

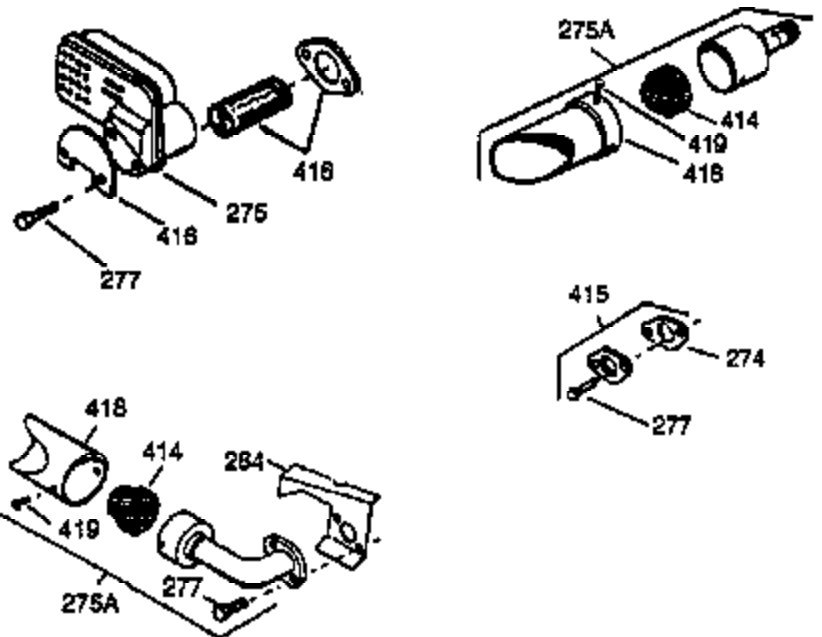
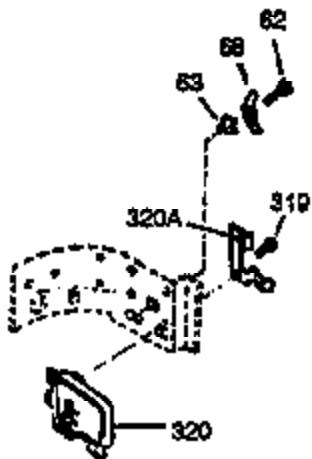
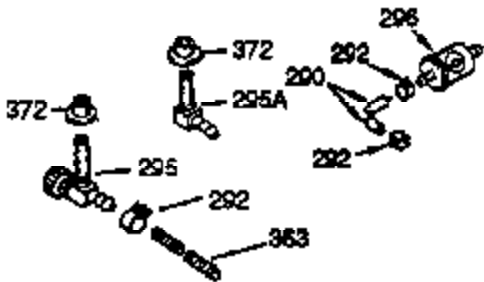
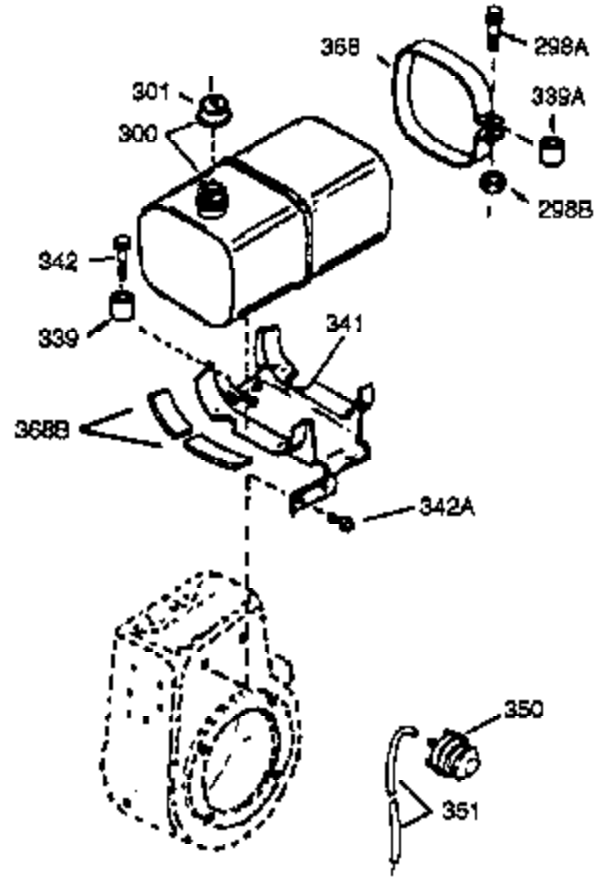
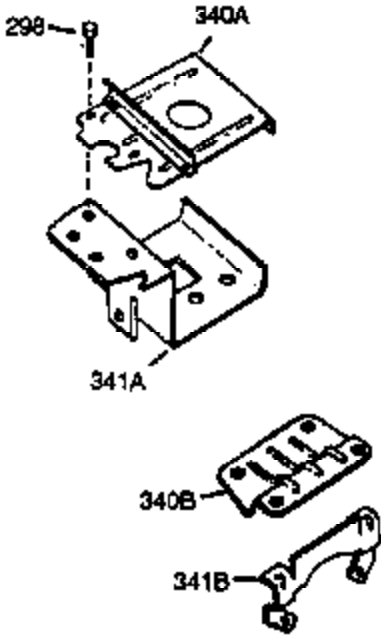


Ref #	Part Number	Qty	Description
1	34096C		Cylinder (Cl liner)(3-5/16")(Incl.2,20,41,43,72 & 119)
2	27652		Pin, Dowel
15	30699C		Rod Assy., Governor (Incl. 15A & 15B)
15B	650494		Screw, 6-40 x 5/16"
15A	30700		Yoke, Governor
16	33454		Governor Lever Assy.
17	29916		Clamp, Governor lever
18	650548		Screw, 8-32 x 5/16"
20	32630		Seal, Oil
25	29536		Blower Housing Baffle (Without electric starter knockout) (Use as required)
25	35256A		Blower Housing Baffle (With electric starter knockout) (Use as required)
26	650561		Screw, 1/4-20 x 5/8"
30	34044A		Crankshaft (Incl. 108 & 109)
35	29826		Screw, 10-32 x 3/4"
36	29918		Lockwasher, #8 E.T.
37A	30322		Nut & Lockwasher, 8-32
37	29216		Locknut, 10-32
38	29642		Ring, Retaining
40	34543		Piston, Pin & Ring Set (Std.) (3-3/16 ")
40	34544		Piston, Pin & Ring Set (.010" OS)
40	34545		Piston, Pin & Ring Set (.020" OS)
41	34031B		Piston & Pin Ass'y. (Std.)(3-3/16")(I ncl.43)
41	34032B		Piston & Pin Ass'y. (.010" OS) (Incl. 43)
41	34033B		Piston & Pin Ass'y. (.020" OS) (Incl. 43)
42	34037		Ring Set (Std.) (3-3/16" Bore)
42	34038		Ring Set (.010" OS)
42	34039		Ring Set (.020" OS)
43	27888		Ring, Piston Pin retaining
45	32591C		Rod Assy., Connecting (Incl. 46, 47 & 49)
46	650662C		Bolt, Connecting rod (2 pieces)
47	650662C		Bolt, Connecting rod (2 pieces)
48	34034		Lifter, Valve
49	34242		Dipper, Oil
50	34143		Camshaft (MCR)
60	33273A		Extension, Blower housing
62	650760		Screw, 8-32 x 3/8"
63	28545		Grommet, Plastic
65	650128		Screw, 10-24 x 1/2"
69	35262		* Gasket, Flange
70	33626B		Cyl.Cover (Incl.71,75,80,179,180,220, 221)
72	27642		Plug, Oil drain
75	33625		Seal, Oil
80	31845		Shaft, Mechanical governor
82	31947		Gear Assy., Governor (Incl. 81)
83	32324		Spool, Governor
84	29193		Ring, Retaining
86	650833		Screw, 1/4-20 x 1-3/16 (Use as requir ed)
87	650832		Screw, 1/4-20 x 1-11/16" (Use as requ ired)
89	32589		Key, Flywheel
92	650815		Washer, Belleville
93	8116		Nut, Hex
103	650489		Screw, 1/4-20 x 5/8"
108	29783		Pin, Crankshaft gear (Only serviceable when gear is pinned to crank.)

Ref #	Part Number	Qty	Description
109	33245		Gear, Crankshaft
110	30831		Ground Wire (Incl. 156)
119	34041A		* Gasket, Cylinder head
120	34030A		Head, Cylinder
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)
127	650691		Washer (Do not use with No. 6021A scr ew.)
128	650690		Washer, Belleville (Use as required)
129	650727		Screw, 5/16-18 x 1-3/4 (Use as required)
130	6021A		Screw, 5/16-18 x 1-1/2" (Use as required, but do not use No. 650691 washer.)
130	650711		Screw, 5/16-18 x 1-5/8" (Use as required) (Can use 6021A but discard 650691 washer.)
130	650694A		Screw, 5/16-18 x 2" (Use as required)
131	650737		Screw, 1/4-20 x 1/2" (Use as required)
131	650738		Screw, 1/4-20 x 5/8 (Use as required)
133	650890		Washer, Internal Lock
135	33636		Resistor Spark Plug
139	33369		Bracket, Governor gear
140	650836		Screw, 10-24 x 1/2"
149	27882		Cap, Upper valve spring
150	27881		Spring, Valve
151	32581		Cap, Lower valve spring
169	27896A		* Gasket, Breather
170	28423		Body, Breather
171	28424		Element, Breather
172	28425		Cover, Breather
173	35350		Tube, Breather
178	29752		Nut & Lockwasher, 1/4-28
182	30088A		Screw, 1/4-28 x 1"
184	33263		* Gasket, Carburetor
185	33877		Pipe, Intake
207	33878		Link, Governor lever-to-throttle
222A			Pop Rivet (Can be purchased locally)
223	650378		Screw, Torx T-30, 5/16-18 x 1-1/8"
224	27915A		* Gasket, Intake pipe
250B	33269A		Cover, Air cleaner
260	33375D		Blower Housing (For electric starter)
261	650788		Screw, 5/16-18 x 3/4"
262	29747B		Screw, 5/16-24 x 21/32"
265	33272B		Cover, Cylinder head
276	35741		Plate, Muffler locking
277	650729		Screw, 5/16-18 x 3-3/16" (Use as required)
277	651002		Screw, 5/16-18 x 4-1/4" (Use as required)
281	33013		Cover, Starter bubble
282	650760		Screw, 8-32 x 7/16"
285A	33662		Hub & Screen Assy.
290	29774		Fuel Line (Braided 8-1/4")(21cm)(As required)
290	30962		Fuel Line (Braided 32")(80cm)(As required)
291	30705		Fuel Line (Braided 16")(40cm)(As required)
292	26460		Fuel Line Clamp (Use as required)
301A	410144B		Fuel Cap (White Plastic)(Standard) (Use as required) (1.5" I.D.)

Engine Parts List #1

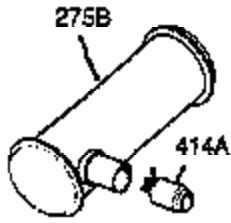
Ref #	Part Number	Qty	Description
301A	33032		Fuel Cap (Red Plastic) (Spurt Resistant, Low Profile) (Use as required) (1.5" I.D.)
	306 29673		* Gasket, Oil filler
	310 31297		Dipstick (Incl. 307)
310B	35941		Dipstick (Incl. 306)
	311 27625		Oil Fill Plug (Incl. 312)
	312 29673		* Gasket, Oil filler plug
338A	31291		Plug, Cover
	342 30063		Screw, Torx T-30, 1/4-20 x 1/2"
370A	550223		Decal, Name
	370 34346		Decal, Instruction
	370 35274		Decal, Instruction
	379 631725		Inlet Needle, Seat & Clip Assy.
	380 631983		Carburetor (Incl. 184 & 379) (Refer to Division 5, Section A, page A3-6 for breakdown or Fiche 18B, Grid E-5)
	400 33279G		* Gasket Set (Incl. items marked *)
	420 730225		SAE 30 4-Cycle Engine Oil (Quart)
	421 730226		SAE 5W30 4-Cycle Engine Oil (Quart)
	422 35824		Muffler Optional



Ref #	Part Number	Qty	Description
37A	30322		Nut & Lockwasher, 8-32
62	650760		Screw, 8-32 x 3/8"
63	28545		Grommet, Plastic
129	650727		Screw, 5/16-18 x 1-3/4 (Use as required)
131	650737		Screw, 1/4-20 x 1/2" (Use as required)
131	650738		Screw, 1/4-20 x 5/8 (Use as required)
222A			Pop Rivet (Can be purchased locally)
250B	33269A		Cover, Air cleaner
274	35865		Gasket, Exhaust
277	650729		Screw, 5/16-18 x 3-3/16" (Use as required)
277	651002		Screw, 5/16-18 x 4-1/4" (Use as required)
285A	33662		Hub & Screen Assy.
290	29774		Fuel Line (Braided 8-1/4")(21cm)(As required)
290	30962		Fuel Line (Braided 32")(80cm)(As required)
292	26460		Fuel Line Clamp (Use as required)
301A	410144B		Fuel Cap (White Plastic)(Standard) (Use as required) (1.5" I.D.)
301A	33032		Fuel Cap (Red Plastic) (Spurt Resistant, Low Profile) (Use as required) (1.5" I.D.)
306	29673		* Gasket, Oil filler
310B	35941		Dipstick (Incl. 306)
338A	31291		Plug, Cover
342	30063		Screw, Torx T-30, 1/4-20 x 1/2"
414	33323		Opt.Muffler Screen (Mini-Bike application)
415	730130		Kit, Exhaust adapter (Incl. 274 & 277)
418	33700		Cover & Tube, Muffler (use as required)
419	650578		Screw, 8-18 x 3/8" (use as required)
421	730226		SAE 5W30 4-Cycle Engine Oil (Quart)
422	35824		Muffler Optional



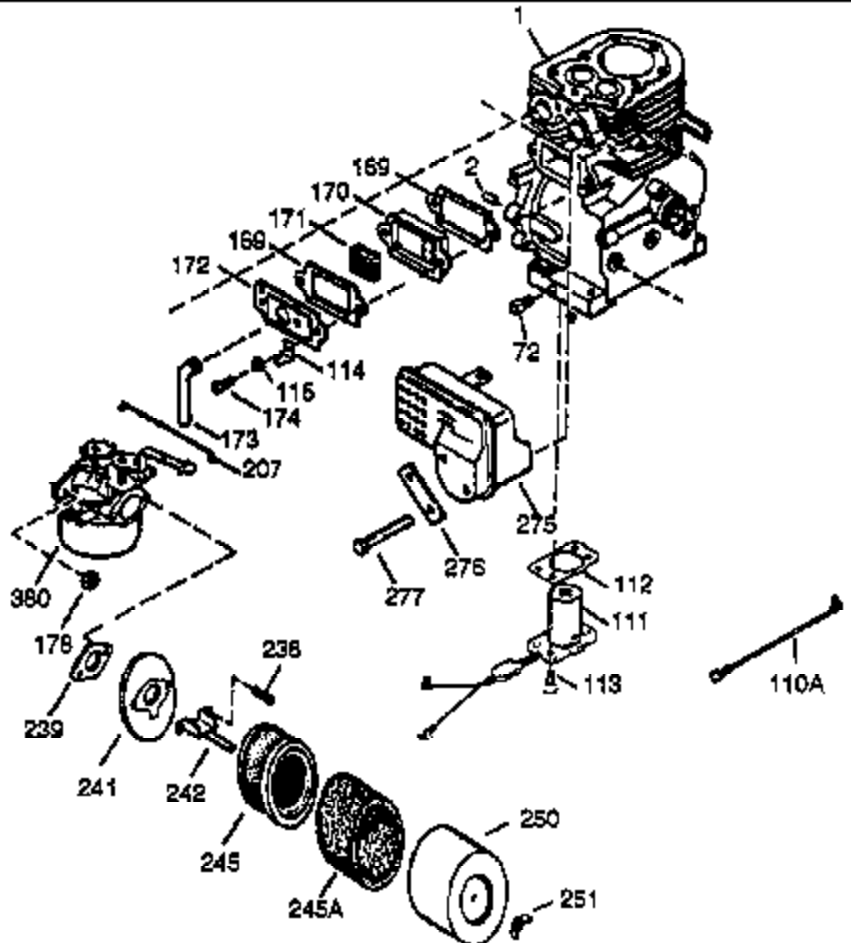
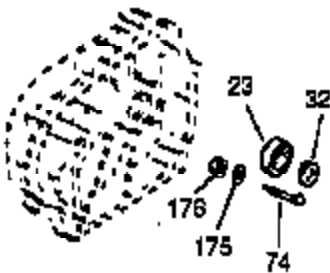
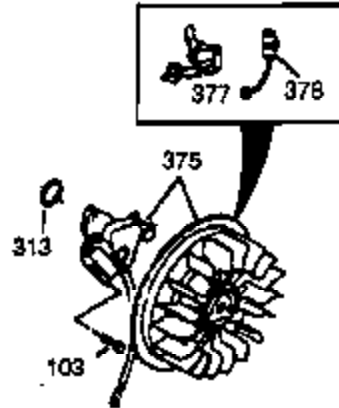
Ref #	Part Number	Qty	Description
37A	30322		Nut & Lockwasher, 8-32
129	650727		Screw, 5/16-18 x 1-3/4 (Use as required)
131	650737		Screw, 1/4-20 x 1/2" (Use as required)
131	650738		Screw, 1/4-20 x 5/8 (Use as required)
200B	730152		Control Bracket (Incl.1158-1171)(As req.)
222A			Pop Rivet (Can be purchased locally)
227	730127		Air Cleaner Ass'y. (Incl. 238, 239, 242, 246, 250) (Use as required)
238	28820		Screw, 10-32 x 1/2"
239	27272A		* Gasket, Air cleaner
241	33266		Bracket, Air cleaner
242	33267		Bracket, Air cleaner
245	33268		Element, Air cleaner
250B	33269A		Cover, Air cleaner
251	650513		Nut, Wing 1/4-20
285A	33662		Hub & Screen Assy.
290	29774		Fuel Line (Braided 8-1/4")(21cm)(As required)
290	30962		Fuel Line (Braided 32")(80cm)(As required)
291	30705		Fuel Line (Braided 16")(40cm)(As required)
293	33715		Impulse Fuel Pump NOTE: 34385 and 33715 (WIP)pumps are replaced by 35813 and 35800 (WIP) pumps. The 33010 (3000 series) repair kit is still available. The 35791 repair kit is used with the 35813 and 35800 fuel pumps.
294	35791		Fuel Pump Repair Kit NOTE: 34385 and 33715 (WIP)pumps are replaced by 35813 and 35800 (WIP) pumps. The 33010 (3000 series) repair kit is still available. The 35791 repair kit is used with the 35813 and 35800 fuel pumps.
301A	410144B		Fuel Cap (White Plastic)(Standard) (Use as required) (1.5" I.D.)
301A	33032		Fuel Cap (Red Plastic) (Spurt Resistant, Low Profile) (Use as required) (1.5" I.D.)
303	32958		Fitting, Fuel
303	28566		Fitting, Fuel line
306	29673		* Gasket, Oil filler
310B	35941		Dipstick (Incl. 306)
338A	31291		Plug, Cover
370	34346		Decal, Instruction
370	35274		Decal, Instruction
421	730226		SAE 5W30 4-Cycle Engine Oil (Quart)
422	35824		Muffler Optional
1159	30312		Screw, 10-32 x 1/2"
1160	28820		Screw, 10-32 x 1/2"
1160	27070		Lockwasher
1185	33816		Hub & Screen Assy.



OPTIONAL MUFFLER
(QUIET)



OPTIONAL 110-120 VOLT
STARTER MOTOR KIT



Ref #	Part Number	Qty	Description
1	34096C		Cylinder (CI liner)(3-5/16")(Incl.2,20,41,43,72 & 119)
2	27652		Pin, Dowel
23	33627		Bearing, Ball
32	33628		Washer, Thrust
37A	30322		Nut & Lockwasher, 8-32
72	27642		Plug, Oil drain
74	31855		Retainer, Bearing
94	33450		Lock Nut, 10-32
95	32329		Spring, Governor bolt
96	30845A		Bolt, Governor adjusting
99	32328		Bracket, Speed adjusting (Incl. 94)
103	650489		Screw, 1/4-20 x 5/8"
129	650727		Screw, 5/16-18 x 1-3/4 (Use as required)
131	650737		Screw, 1/4-20 x 1/2" (Use as required)
131	650738		Screw, 1/4-20 x 5/8 (Use as required)
169	27896A		* Gasket, Breather
170	28423		Body, Breather
171	28424		Element, Breather
172	28425		Cover, Breather
173	35350		Tube, Breather
174A	650597		Screw, 10-24 x 5/8"
174B	8269		Lockwasher
175	650778		Lockwasher
176	650580		Nut, Lock
178	29752		Nut & Lockwasher, 1/4-28
207	33878		Link, Governor lever-to-throttle
222A			Pop Rivet (Can be purchased locally)
238	28820		Screw, 10-32 x 1/2"
239	27272A		* Gasket, Air cleaner
241	33266		Bracket, Air cleaner
242	33267		Bracket, Air cleaner
245	33268		Element, Air cleaner
250B	33269A		Cover, Air cleaner
251	650513		Nut, Wing 1/4-20
275B	391026		Muffler (Incl. 284, 284A & 416) (This spark arrester muffler can be used on any model.)
276	35741		Plate, Muffler locking
277	650729		Screw, 5/16-18 x 3-3/16" (Use as required)
277	651002		Screw, 5/16-18 x 4-1/4" (Use as required)
285A	33662		Hub & Screen Assy.
301A	410144B		Fuel Cap (White Plastic)(Standard) (Use as required) (1.5" I.D.)
301A	33032		Fuel Cap (Red Plastic) (Spurt Resistant, Low Profile) (Use as required) (1.5" I.D.)
306	29673		* Gasket, Oil filler
310B	35941		Dipstick (Incl. 306)
313A	33876		Gasket, Stator (Used only on Std. point ign.)
338A	31291		Plug, Cover
375	610842		Magneto NOTE: The complete magneto is not available as an assembly. The magneto number is shown for reference purpose only. Order component parts individually, as shown in parts list. (Refer to Division 5, Section B, page 28 for breakdown or Fiche 18B, Grid F-1)
377	30547A		Breaker Points (Use with Std. point ign.)
378	30548B		Condenser

Ref #	Part Number	Qty	Description
380	631983		Carburetor (Incl. 184 & 379) (Refer to Division 5, Section A, page A3-6 for breakdown or Fiche 18B, Grid E-5)
421	730226		SAE 5W30 4-Cycle Engine Oil (Quart)
422	35824		Muffler Optional