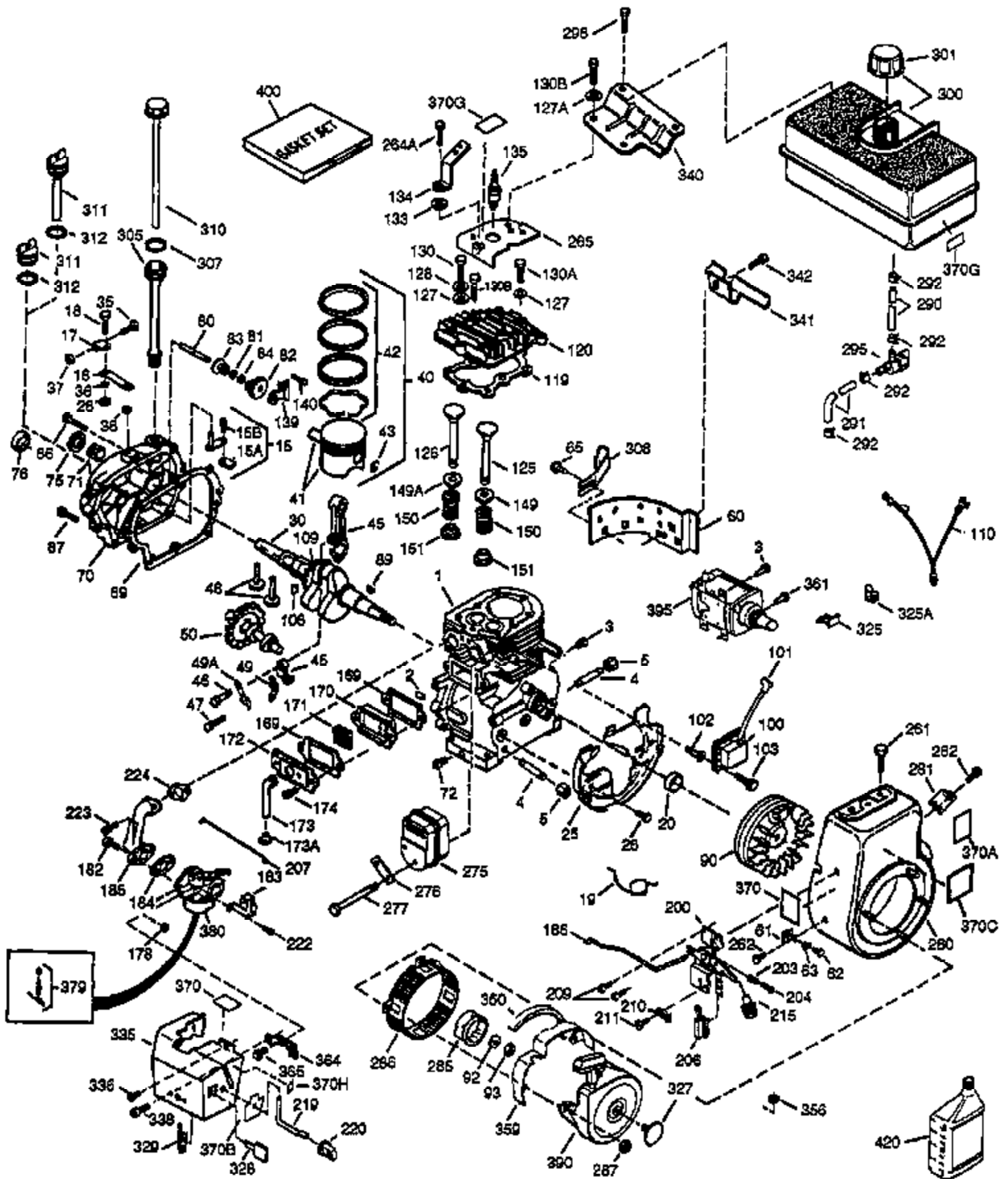


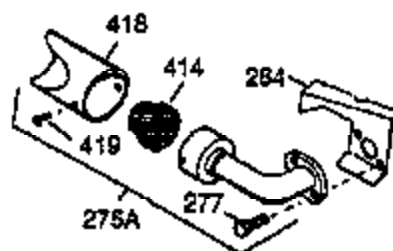
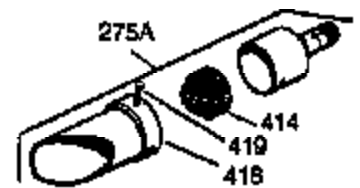
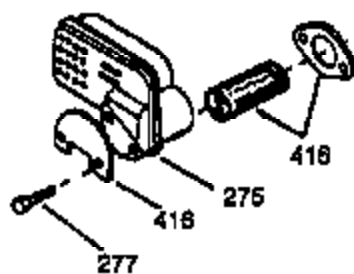
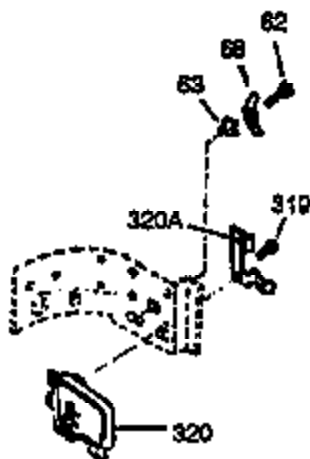
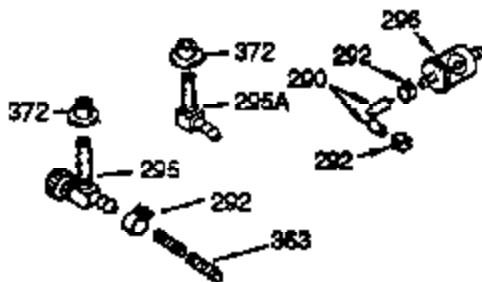
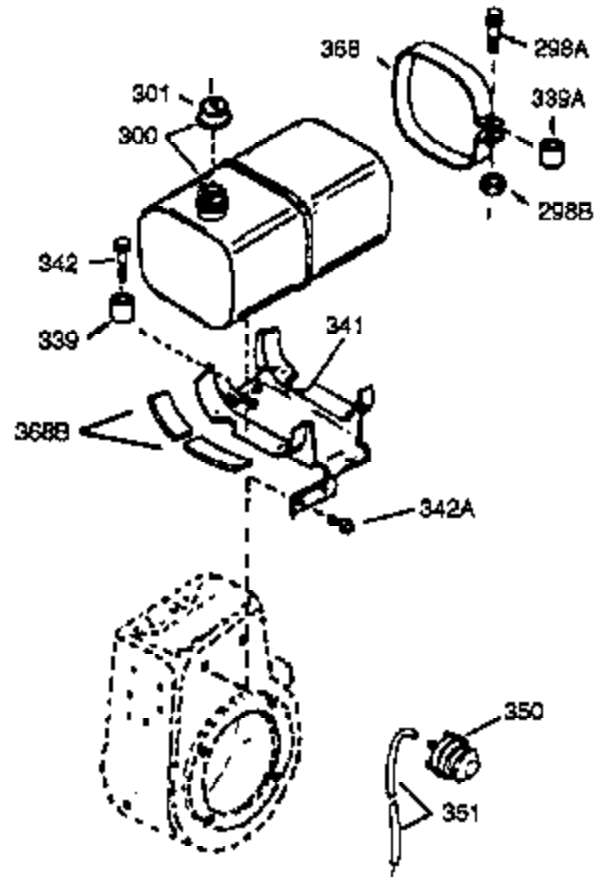
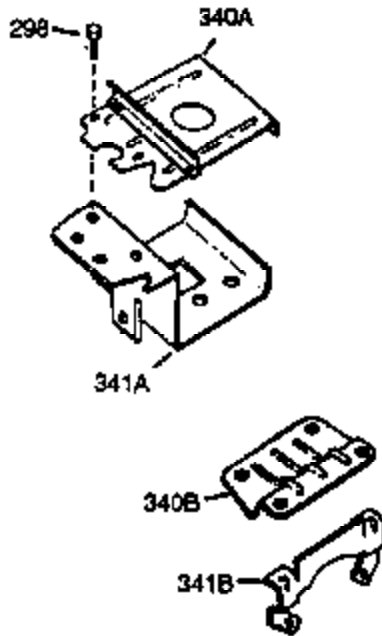


Ref #	Part Number	Qty	Description
	1 34096C		Cylinder (CI liner)(3-5/16")(Incl.2,20,41,43,72 & 119)
	2 27652		Pin, Dowel
15B	650494		Screw, 6-40 x 5/16"
15A	30700		Yoke, Governor
15	30699C		Rod Assy., Governor (Incl. 15A & 15B)
16	33454		Governor Lever Assy.
17	29916		Clamp, Governor lever
18	650548		Screw, 8-32 x 5/16"
20	32630		Seal, Oil
25	35256A		Blower Housing Baffle (With electric starter knockout) (Use as required)
25	29536		Blower Housing Baffle (Without electric starter knockout) (Use as required)
26	650561		Screw, 1/4-20 x 5/8"
30	33365B		Crankshaft (Incl. 108 & 109)
35	29826		Screw, 10-32 x 3/4"
36	29918		Lockwasher, #8 E.T.
37	29216		Locknut, 10-32
37A	30322		Nut & Lockwasher, 8-32
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
49A	32590		Plate, Lock & Oil dipper (This plate can be replaced by No. 34242 Oil dipper but No. 650662C screws must be used)
50	34143		Camshaft (MCR)
60	33273A		Extension, Blower housing
61	34126		Bracket, Grommet mounting
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	33367B		Cover, Cylinder (Incl. 71, 75 & 80)
71	33368		Bushing, Crankshaft
72	27642		Plug, Oil drain
75	31950		Seal, Oil
80	31845		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 (Use as requir ed)
87	650832		Screw, 1/4-20 x 1-11/16" (Use as requ ired)
89	32589		Key, Flywheel

Ref #	Part Number	Qty	Description
	92 650815		Washer, Belleville
	93 8116		Nut, Hex
	101 610118		Cover, Spark plug
	103 650489		Screw, 1/4-20 x 5/8"
	108 29783		Pin, Crankshaft gear (Only serviceable when gear is pinned to crank.)
	109 33245		Gear, Crankshaft
	110 34131		Ground Wire
	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)
	127A 26073		Washer, Flat
	127 650691		Washer (Do not use with No. 6021A screw.)
	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)
	131A 650713		Screw, 5/16-18 x 5/8"
	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
	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 33877		Pipe, Intake
	186 33371		Link, Governor lever
	203 31342		Spring, Compression
	204 650549		Screw, 5-40 x 7/16"
	207 33878		Link, Governor lever-to-throttle
	210 27793		Clip, Conduit
	211 28942		Screw, 10-32 x 3/8"
	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
	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

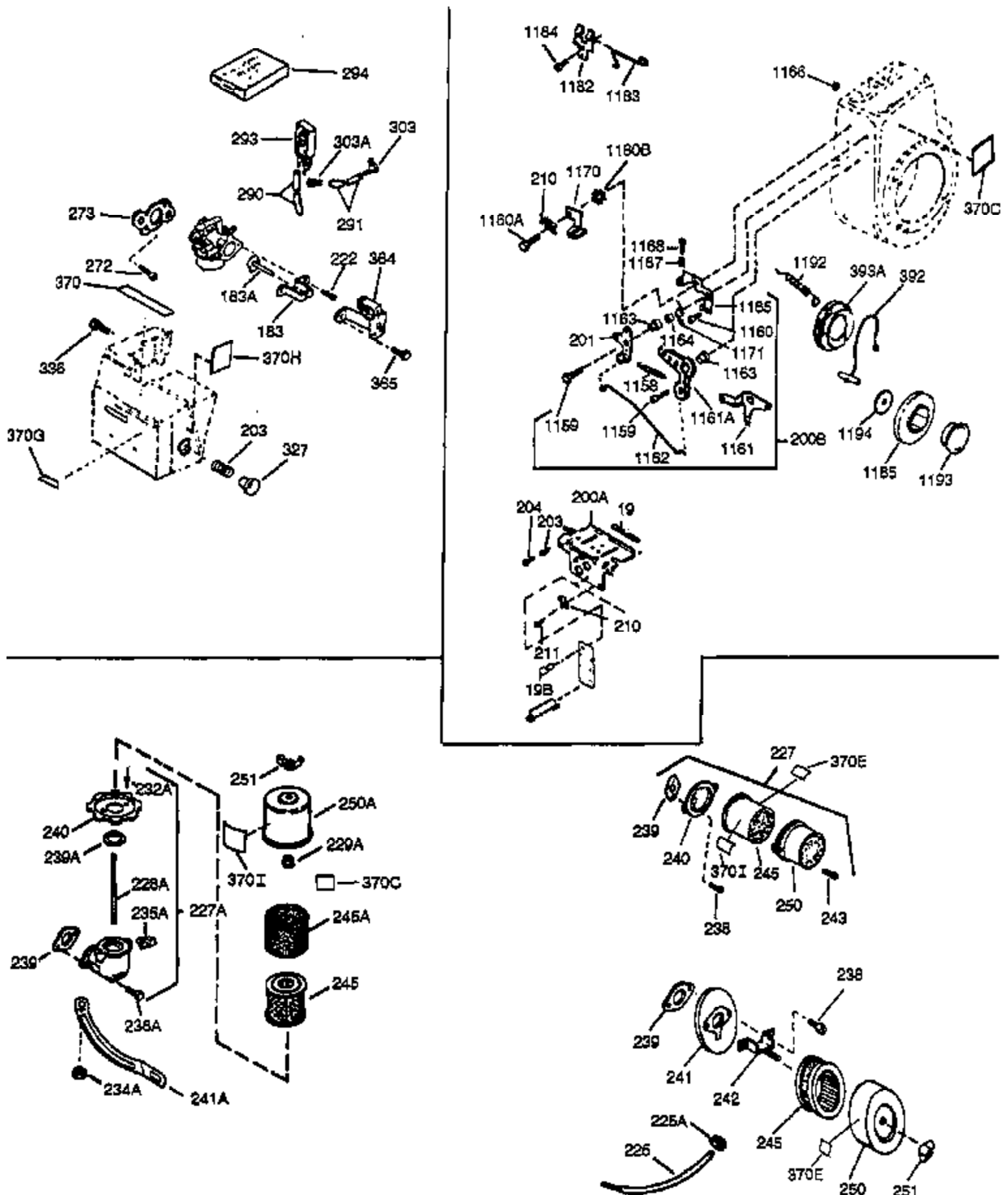
Engine Parts List #1

Ref #	Part Number	Qty	Description
275	33280A		Muffler
276	31588		Plate, Muffler locking
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.
287	29752		Nut, 1/4-28
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)
298	30063		Screw, 1/4-20 x 1/2"
300	33350		Fuel Tank (Incl. 295 & 301)
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.)
301A	34210		Fuel Cap (Red Plastic) (Spurt Resistant, High Profile) (Use as required) (1.5" I.D.)
301A	35355		Fuel Cap (Red Plastic)(1.75" I.D.)
306	29673		* Gasket, Oil filler
310	31297		Dipstick (Incl. 307)
325A	29443		Clip, Fuel line
337	34140		Cover, Carburetor
338A	31291		Plug, Cover
342	650561		Screw, 1/4-20 x 5/8"
359	34141		Guard, Starter
360	32576		Seal, Snow Guard
365	650767		Screw, 8-32 x 27/64"
369	33395		Elbow, Fuel strainer (Incl. 372)
370C	34415		Decal, Choke
370D	34144		Decal, Primer
370A	550223		Decal, Name
370	34346		Decal, Instruction
370	35274		Decal, Instruction
379	631021		Inlet Needle, Seat & Clip Assy.
380	631917		Carburetor (Incl. 184 & 379) (Refer to Division 5, Section A, page 138 for breakdown or Grid E-1)
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

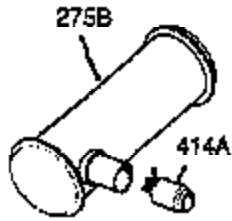


Engine Parts List #2

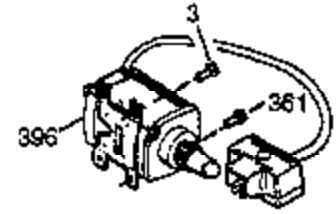
Ref #	Part Number	Qty	Description
37A	30322		Nut & Lockwasher, 8-32
62	650760		Screw, 8-32 x 3/8"
63	28545		Grommet, Plastic
129	650727		Screw, 5/16-18 x 1-3/4 (Use as required)
131A	650713		Screw, 5/16-18 x 5/8"
131	650737		Screw, 1/4-20 x 1/2" (Use as required)
131	650738		Screw, 1/4-20 x 5/8 (Use as required)
222A			Pop Rivet (Can be purchased locally)
274	35865		Gasket, Exhaust
275	33280A		Muffler
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 3/2")(80cm)(As required)
292	26460		Fuel Line Clamp (Use as required)
298	30063		Screw, 1/4-20 x 1/2"
300	33350		Fuel Tank (Incl. 295 & 301)
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.)
301A	34210		Fuel Cap (Red Plastic) (Spurt Resistant, High Profile) (Use as required) (1.5" I.D.)
301A	35355		Fuel Cap (Red Plastic)(1.75" I.D.)
306	29673		* Gasket, Oil filler
337	34140		Cover, Carburetor
338A	31291		Plug, Cover
340A	33383A		Plate, Upper fuel tank mtg.
341A	33381		Fuel Tank Bracket
342	650561		Screw, 1/4-20 x 5/8"
350	570629A		Primer Assy.
351	32180C		Line, Primer
363	28819		Spring, Fuel line
369	33395		Elbow, Fuel strainer (Incl. 372)
370D	34144		Decal, Primer
372	33679		Bushing, Fuel fitting
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



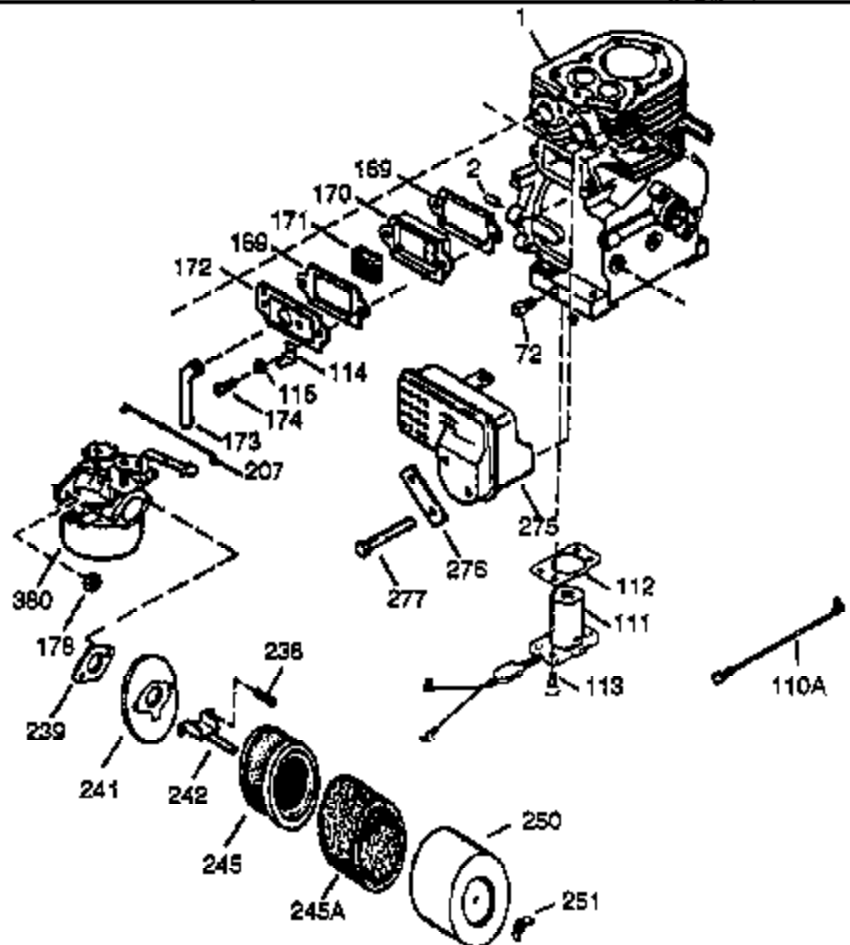
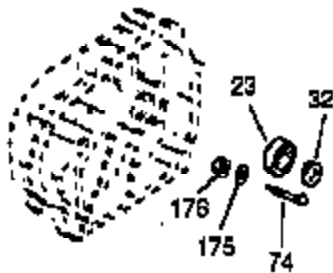
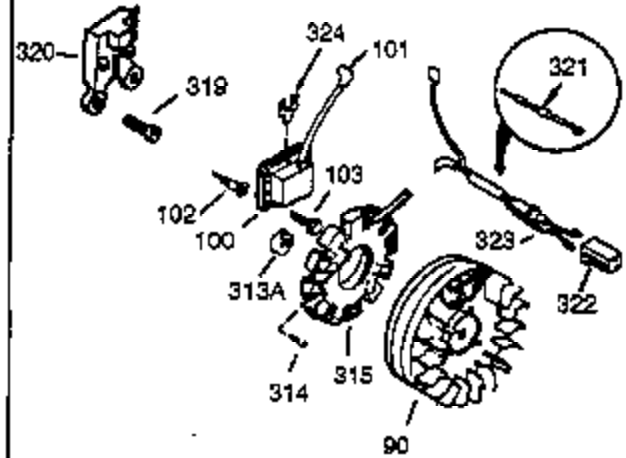
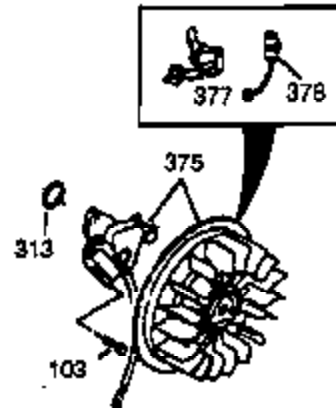
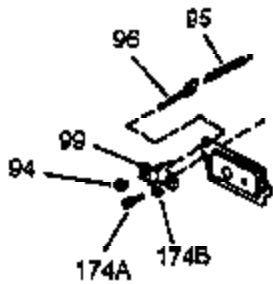
Ref #	Part Number	Qty	Description
37A	30322		Nut & Lockwasher, 8-32
129	650727		Screw, 5/16-18 x 1-3/4 (Use as required)
131A	650713		Screw, 5/16-18 x 5/8"
131	650737		Screw, 1/4-20 x 1/2" (Use as required)
131	650738		Screw, 1/4-20 x 5/8 (Use as required)
200A	34101A		Control Bracket (Incl. 19, 203, 204 & 206)
200B	730152		Control Bracket (Incl. 1158-1171)(As required)
203	31342		Spring, Compression
204	650549		Screw, 5-40 x 7/16"
210	27793		Clip, Conduit
211	28942		Screw, 10-32 x 3/8"
222A			Pop Rivet (Can be purchased locally)
227	730127		Air Cleaner Assy. (Incl. 238, 239, 242, 246, 250) (Use as required)
285A	33662		Hub & Screen Assy.
290	29774		Fuel Line (Braided 8-1/4")(21cm)(As required)
290	30962		Fuel Line (Braided 3/2")(80cm)(As required)
291	30705		Fuel Line (Braided 1/2")(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.)
301A	34210		Fuel Cap (Red Plastic) (Spurt Resistant, High Profile) (Use as required) (1.5" I.D.)
301A	35355		Fuel Cap (Red Plastic)(1.75" I.D.)
303	32958		Fitting, Fuel
306	29673		* Gasket, Oil filler
337	34140		Cover, Carburetor
338A	31291		Plug, Cover
364	33377		Bracket, Carburetor cover mtg.
365	650767		Screw, 8-32 x 27/64"
369	33395		Elbow, Fuel strainer (Incl. 372)
370	34346		Decal, Instruction
370	35274		Decal, Instruction
370C	34415		Decal, Choke
370D	34144		Decal, Primer
370E	34414		Decal, Warning
421	730226		SAE 5W30 4-Cycle Engine Oil (Quart)
422	35824		Muffler Optional
1158	33374		Spring Extension
1159	30312		Screw, 10-32 x 1/2"
1160	28820		Screw, 10-32 x 1/2"
1160	27070		Lockwasher
1182	34138		Bracket, Choke wire
1183	34139		Control, Choke wire
1184	650760		Screw, 8-32 x 3/8"
1185	33816		Hub & Screen Assy.



OPTIONAL MUFFLER
(QUIET)



OPTIONAL 110-120 VOLT
STARTER MOTOR KIT



Engine Parts List #4

Ref #	Part Number	Qty	Description
1	34096C		Cylinder (CI liner)(3-5/16")(Incl.2,20,41,43,72 & 119)
2	27652		Pin, Dowel
37A	30322		Nut & Lockwasher, 8-32
72	27642		Plug, Oil drain
101	610118		Cover, Spark plug
103	650489		Screw, 1/4-20 x 5/8"
129	650727		Screw, 5/16-18 x 1-3/4 (Use as required)
131A	650713		Screw, 5/16-18 x 5/8"
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
174	650128		Screw, 10-24 x 1/2"
178	29752		Nut & Lockwasher, 1/4-28
207	33878		Link, Governor lever-to-throttle
222A			Pop Rivet (Can be purchased locally)
275B	391026		Muffler (Incl. 284, 284A & 416) (This spark arrester muffler can be used on any model.)
275	33280A		Muffler
276	31588		Plate, Muffler locking
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.)
301A	34210		Fuel Cap (Red Plastic) (Spurt Resistant, High Profile) (Use as required) (1.5" I.D.)
301A	35355		Fuel Cap (Red Plastic)(1.75" I.D.)
306	29673		* Gasket, Oil filler
313A	33876		Gasket, Stator (Used only on Std. point ign.)
337	34140		Cover, Carburetor
338A	31291		Plug, Cover
369	33395		Elbow, Fuel strainer (Incl. 372)
370D	34144		Decal, Primer
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
380	631917		Carburetor (Incl. 184 & 379) (Refer to Division 5, Section A, page 138 for breakdown or Grid E-1)
421	730226		SAE 5W30 4-Cycle Engine Oil (Quart)
422	35824		Muffler Optional