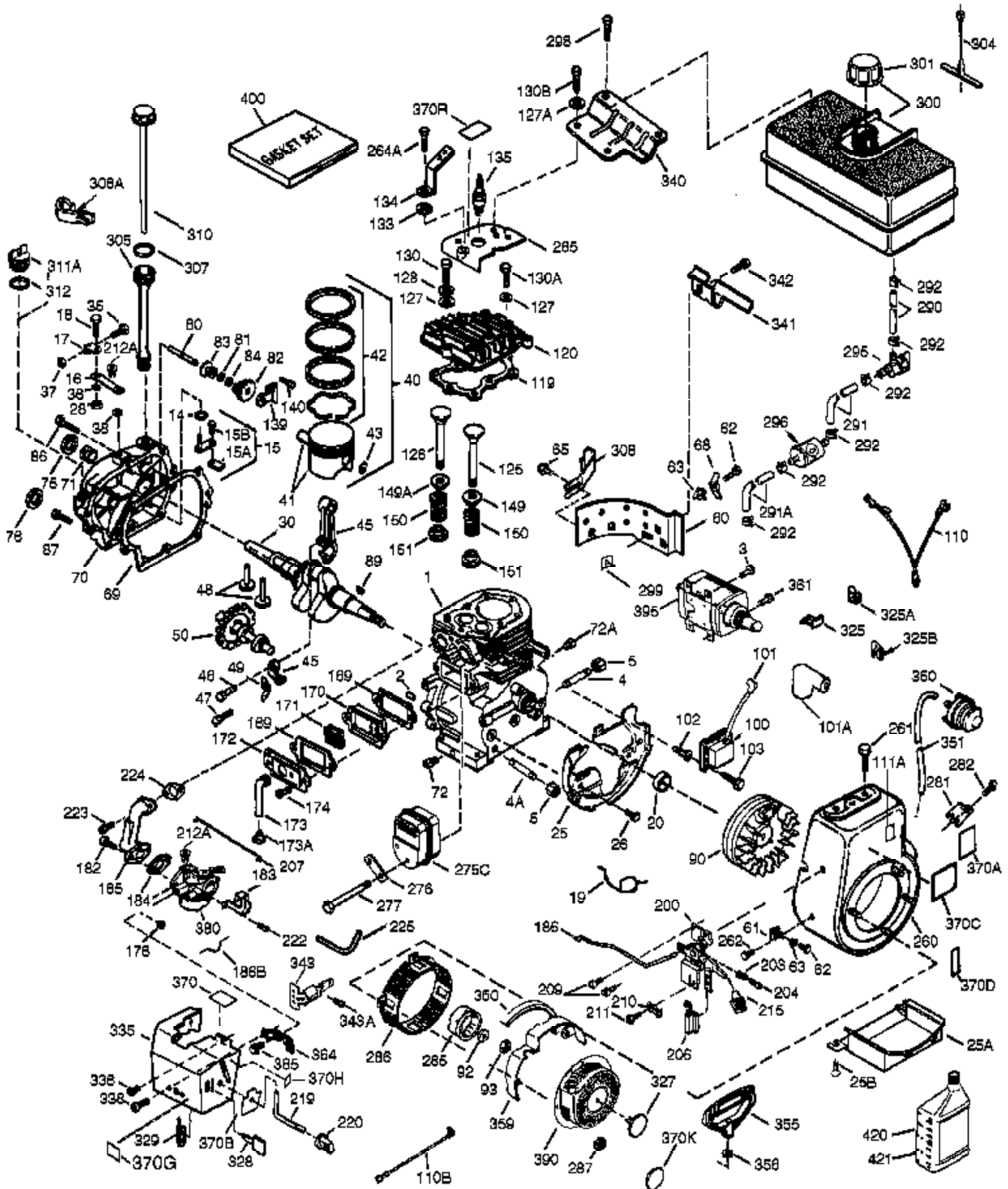




Engine Parts List #1

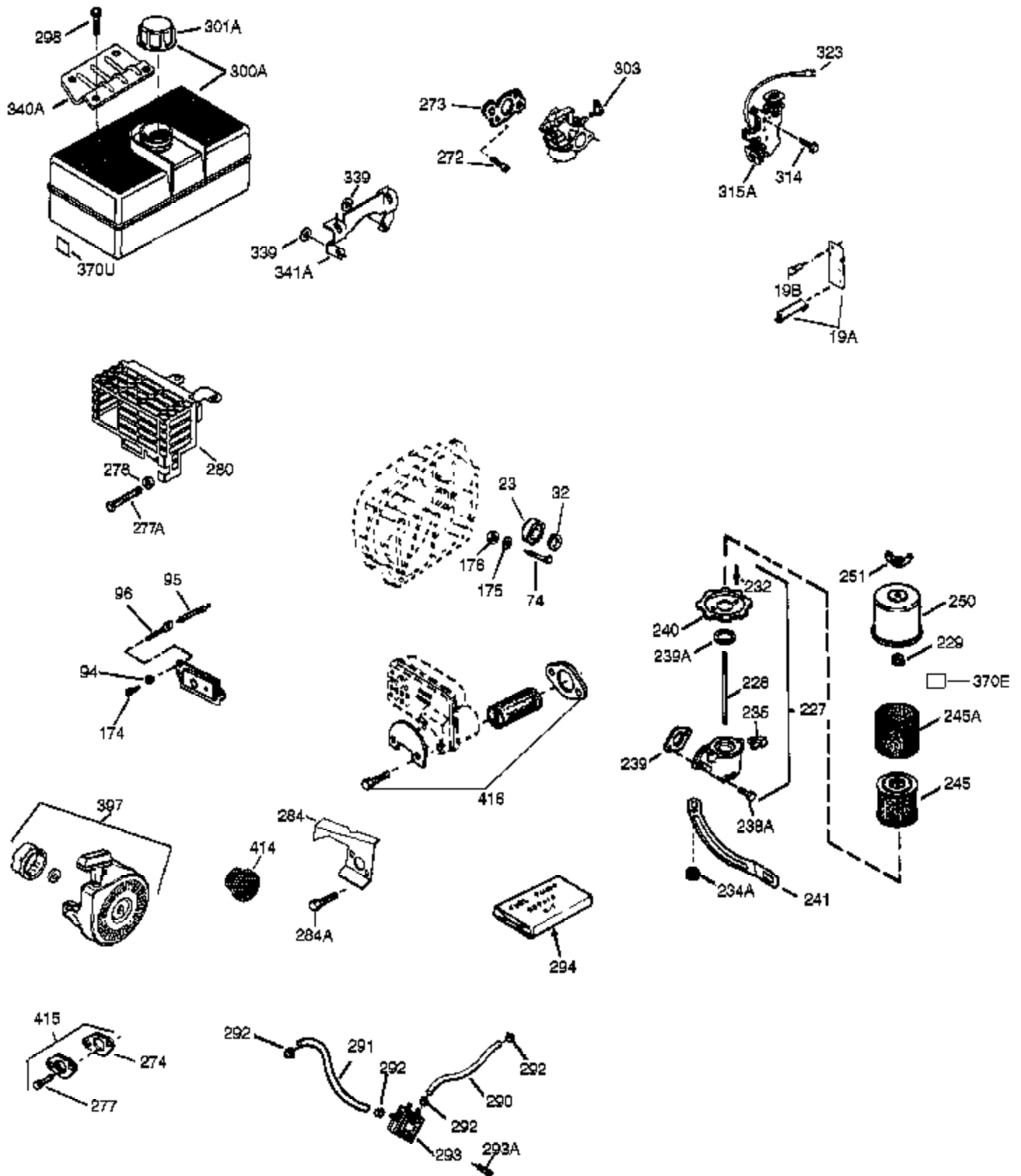
Ref #	Part Number	Qty	Description
1	35371		Cylinder (CI liner)(3-5/16")(Incl. 2, 20 & 72)
2	27652		Pin, Dowel
3	650820		Screw, 1/4-20 x 1/2"
4	30968		Nipple, Oil drain
5	30969		Cap, Oil drain
15A	30700		Yoke, Governor
15B	650494		Screw, 6-40 x 5/16"
15	30699C		Rod Assy., Governor (Incl. 15A & 15B)
16	33454		Governor Lever Assy.
17	29916		Clamp, Governor lever
18	650548		Screw, 8-32 x 5/16"
20	35319		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)
25	35326		Baffle, Blower housing
26	650561		Screw, 1/4-20 x 5/8"
28	30322		Nut & Lockwasher, 8-32
30	35443A		Crankshaft
35	29826		Screw, 10-32 x 3/4"
36	29918		Lockwasher, #8 E.T.
37	29216		Locknut, 10-32
38	29642		Ring, Retaining
40	35776		Piston, Pin & Ring Set (Std.)(3-3/16")
40	35777		Piston, Pin & Ring Set (.010" OS)
40	35778		Piston, Pin & Ring Set (.020" OS)
41	35773		Piston & Pin Ass'y. (Std.)(3-5/16")(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.) (3-5/16" Bore)
42	35780		Ring Set (.010" OS)
42	35781		Ring Set (.020" OS)
43	35772		Ring, Piston Pin retaining
45	35681		Rod Assy., Connecting (Incl. 46, 47 & 49)
46	650908		Bolt, Connecting rod
47	650882		Connecting Rod Bolt (2 pcs. on early Specs.)
48	34034		Lifter, Valve
49	35374		Dipper, Oil
50	35375		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	35376		Cover, Cylinder (Incl. 71, 75 & 80)
75	35319		Seal, Oil
80	31845		Shaft, Mechanical governor
81	30590A		Washer, Flat
82	35378		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 required)
87	650832		Screw, 1/4-20 x 1-11/16" (Use as required)
89	32589		Key, Flywheel
90	611091		Flywheel (w/ring gear)

Ref #	Part Number	Qty	Description
	92 650880		Washer, Lock
	93 650881		Nut, 5/8-18
	100 35135		Solid State Assy.
	101 610118		Cover, Spark plug
	102 650872		Stud, Solid state mounting
	103 650814		Screw, Torx T-15, 10-24 x 1"
	108 29783		Pin, Crankshaft gear (Only serviceable when gear is pinned to crank.)
	109 33245		Gear, Crankshaft
	110 35253		Ground Wire
	119 34923A		* 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 650890		Washer, Internal Lock
	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)
	130A 650737		Screw, 1/4-20 x 1/2" (Use as required)
	130A 650738		Screw, 1/4-20 x 5/8 (Use as required)
	135 35395		Resistor Spark Plug
	139 33369		Bracket, Governor gear
	140 650836		Screw, 10-24 x 1/2"
	149A 35862		Seal Assy., Intake valve
	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"
	183 34587		Bracket, Choke
	184 33263		* Gasket, Carburetor
	185 33877		Pipe, Intake
	186 34667		Link, Governor lever
	200B 730152		Control Bracket (Incl. 1158-1171) (As required)
	200 34677		Control Bracket (Incl. 19, 203, 204, 206, 209)
	203 31342		Spring, Compression
	204 650549		Screw, 5-40 x 7/16"
	206 610973		Terminal Assy.
	207 33878		Link, Governor lever-to-throttle
	209 650821		Screw, 10-32 x 1/2"
	215 35440		Knob, Speed control
	219 34586		Rod, Choke
	220 35438		Knob, Choke
	222 28820		Screw, 10-32 x 1/2"

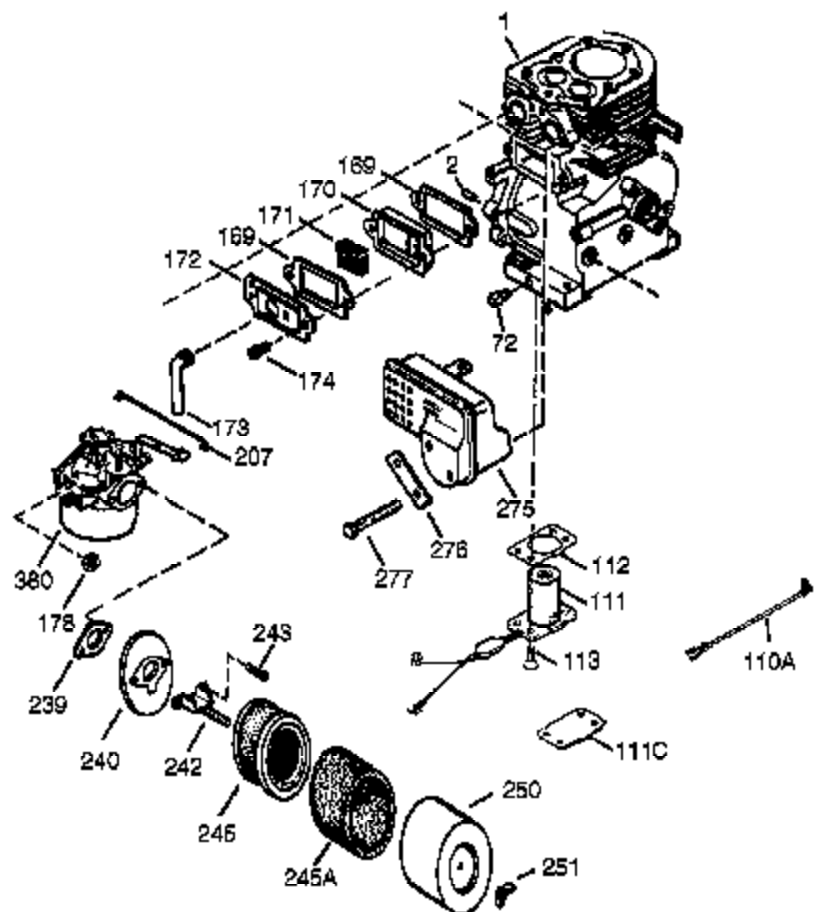
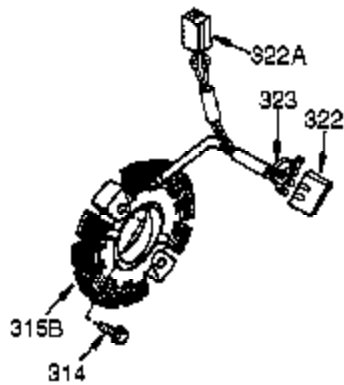
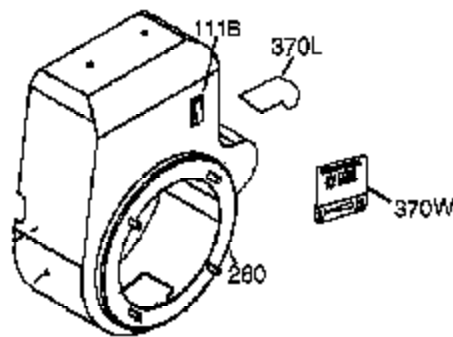
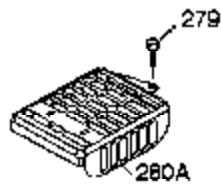
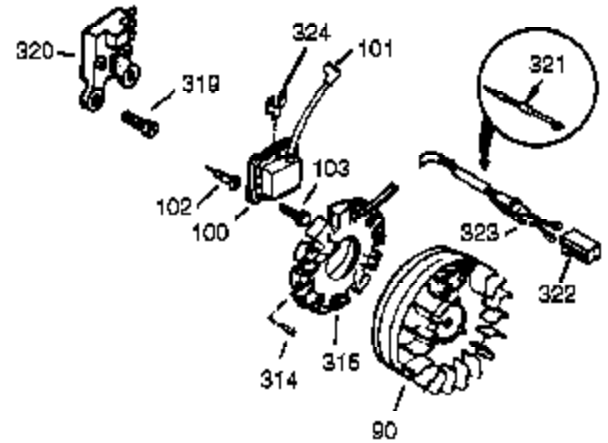
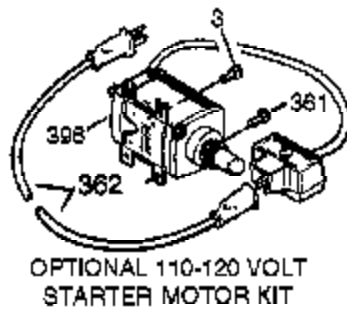
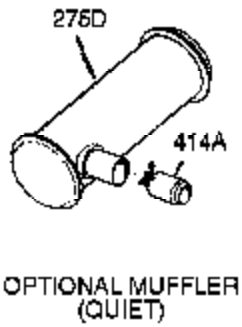
Engine Parts List #1

Ref #	Part Number	Qty	Description
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	34822A		Blower Housing
261	650788		Screw, 5/16-18 x 3/4"
262	29747B		Screw, 5/16-24 x 21/32"
264A	650802		Screw, 1/4-20 x 5/8"
265	33272B		Cover, Cylinder head
275B	391026		Muffler (Incl. 284, 284A & 416) (This spark arrester muffler can be used on any model.)
275C	35056		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"
285	35287		Cup, Starter
286	35446		Screen, Starter
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)
295	35857		Fuel shut-off valve
298	650665		Screw, 1/4-15 x 7/8"
300	34156A		Fuel Tank (Incl. 292 & 301) NOTE: These tanks were built with different size fuel inlet openings. Tanks with the 1-3/16" I.D. opening use fuel cap 34210. Tanks with the 1-1/2" I.D. opening use fuel cap 35355.
305	35554		Oil Fill Tube
307	35499		"O" Ring
308	35540		Clip, Fill tube
310	36205		Dipstick
313A	33876		Gasket, Stator (Used only on Std. point ign.)
327	35392		Plug, Starter
329	610973		Terminal Assy.
336	650765		Screw, 10-32 x 1/2"
338	28942		Screw, Sems 10-32 x 3/8"
338A	31291		Plug, Cover
340	34154		Plate, Upper fuel tank mtg.
341	34155		Bracket, Lower fuel tank mtg.
342	650561		Screw, 1/4-20 x 5/8"
350	570682		Primer Assy.
351	32180C		Line, Primer
355	590574		Handle, Mitten grip
364	33377		Bracket, Carburetor cover mtg.
365	650767		Screw, 8-32 x 27/64"
370D	34417		Decal, Primer
370A	34686		Decal, Name
370	34416		Decal, Instruction
370	35274		Decal, Instruction
370	35077		Decal, Instruction
377	30547A		Breaker Points (Use with Std. point ign.)
379	631021		Inlet Needle, Seat & Clip Assy.

Ref #	Part Number	Qty	Description
380	632370A		Carburetor (Incl. 184 & 379) (Refer to Division 5, Section A, page A3-10 for breakdown or Fiche 18B, Grid D-5)
390	590630		Rewind Starter (Refer to Division 5, Section C, page 30 for breakdown or Fiche 18B, Grid G-1)
400	33279G		* Gasket Set (Incl. items marked *)
418	33700		Cover & Tube, Muffler (use as required)
419	650578		Screw, 8-18 x 3/8" (use as required)
420	730225		SAE 30 4-Cycle Engine Oil (Quart)
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.



Ref #	Part Number	Qty	Description
108	29783		Pin, Crankshaft gear (Only serviceable when gear is pinned to crank.)
109	33245		Gear, Crankshaft
129	650727		Screw, 5/16-18 x 1-3/4 (Use as required)
174	650128		Screw, 10-24 x 1/2"
200B	730152		Control Bracket (Incl. 1158-1171)(As required)
222A			Pop Rivet (Can be purchased locally)
227	730127		Air Cleaner Ass'y. (Incl. 238, 239, 242, 246, 250) (Use as required)
274	35865		Gasket, Exhaust
275B	391026		Muffler (Incl. 284, 284A & 416) (This spark arrester muffler can be used on any model.)
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)
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)
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.
298	650665		Screw, 1/4-15 x 7/8"
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
313A	33876		Gasket, Stator (Used only on Std. point ign.)
338A	31291		Plug, Cover
370E	34414		Decal, Warning
377	30547A		Breaker Points (Use with Std. point ign.)
379	631021		Inlet Needle, Seat & Clip Assy.
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)
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.



Ref #	Part Number	Qty	Description
1	35371		Cylinder (CI liner)(3-5/16")(Incl.2,2 0 & 72)
2	27652		Pin, Dowel
3	650820		Screw, 1/4-20 x 1/2"
90	611091		Flywheel (w/ring gear)
100	35135		Solid State Assy.
101	610118		Cover, Spark plug
102	650872		Stud, Solid state mounting
103	650814		Screw, Torx T-15, 10-24 x 1"
108	29783		Pin, Crankshaft gear (Only serviceable when gear is pinned to crank.)
109	33245		Gear, Crankshaft
110A	35305		Wire, Ground
129	650727		Screw, 5/16-18 x 1-3/4 (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
200B	730152		Control Bracket (Incl.1158-1171)(As req.)
207	33878		Link, Governor lever-to-throttle
222A			Pop Rivet (Can be purchased locally)
260	34822A		Blower Housing
275B	391026		Muffler (Incl. 284, 284A & 416) (This spark arrester muffler can be used on any model.)
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)
313A	33876		Gasket, Stator (Used only on Std. point ign.)
338A	31291		Plug, Cover
377	30547A		Breaker Points (Use with Std. point ign.)
379	631021		Inlet Needle, Seat & Clip Assy.
380	632370A		Carburetor (Incl. 184 & 379) (Refer to Division 5, Section A, page A3-10 for breakdown or Fiche 18B, Grid D-5)
418	33700		Cover & Tube, Muffler (use as required)
419	650578		Screw, 8-18 x 3/8" (use as required)
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.