

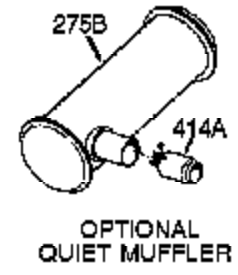
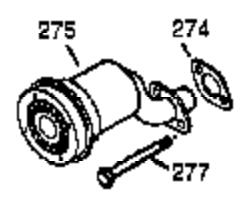
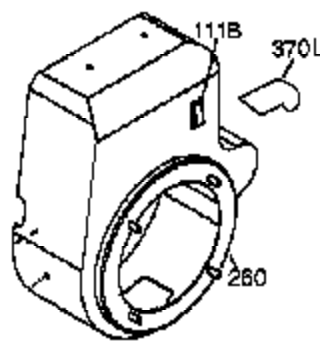
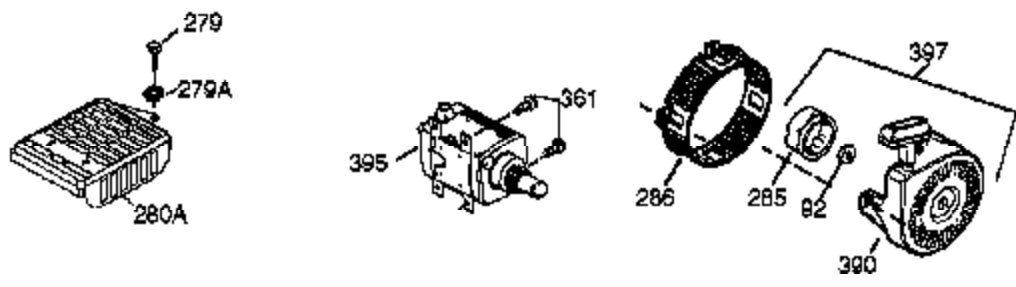
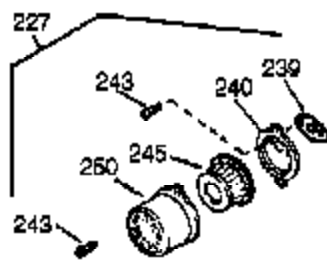
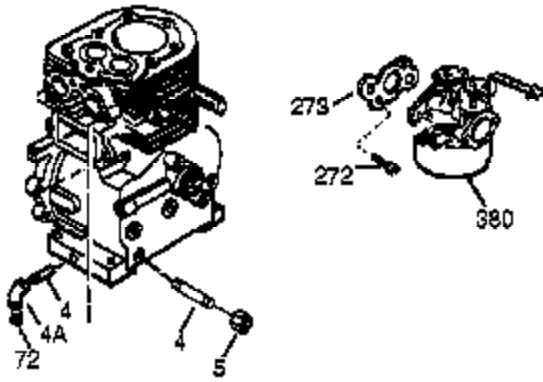
## Engine Parts List #1

Ref #	Part Number	Qty	Description
	1 35385	1	Cylinder (Incl. 2 & 20)
	2 27652	2	Dowel Pin
	4 30968	1	Oil Drain Extension
15B	650494	1	Screw, 6-40 x 5/16"
15A	30700	1	Governor Yoke
	15 30699C	1	Governor Rod (Incl. 15A & 15B)
	16 33454	1	Governor Lever
	17 29916	1	Governor Lever Clamp
	18 651028	1	Screw, Torx T-15, 8-32 x 3/8"
	19 34663	1	Speed Control Spring
	20 35319	1	Oil Seal
	25 36460	1	Blower Housing Baffle
	26 650561	2	Screw, 1/4-20 x 5/8"
	28 30322	1	Lock Nut, 8-32
	30 35372A	1	Crankshaft
	35 29826	1	Screw, 10-32 x 3/4"
	36 29918	1	Lock Washer
	37 29216	1	Lock Nut, 10-32
	38 29642	1	Retaining Ring
	40 34552	1	Piston, Pin & Ring Set (Std.)
	40 34553	1	Piston, Pin & Ring Set (.010" OS)
	40 34554	1	Piston, Pin & Ring Set (.020" OS)
	41 34329A	1	Piston & Pin Ass'y. (Std.) (Incl. 43)
	41 34330A	1	Piston & Pin Ass'y. (.010" OS) (Incl. 43)
	41 34331A	1	Piston & Pin Ass'y. (.020" OS) (Incl. 43)
	42 34332	1	Ring Set (Std.)
	42 34333	1	Ring Set (.010" OS)
	42 34334	1	Ring Set (.020" OS)
	43 27888	2	Piston Pin Retaining Ring
	45 36897	1	Connecting Rod Ass'y. (Incl. 47 & 49)
	47 651033	2	Connecting Rod Bolt
	48 34034	2	Valve Lifter
	49 36896	1	Oil Dipper
	50 35375	1	Camshaft (MCR)
	60 33273A	1	Blower Housing Extension
	65 650128	1	Screw, 10-24 x 1/2"
	69 35262A	1	* Cylinder Cover Gasket
	70 35376	1	Cylinder Cover (Incl. 71, 75 & 80)
	71 35377	1	Crankshaft Bushing
	72 27642	2	Oil Drain Plug
	75 35319	1	Oil Seal
	80 31845	1	Governor Shaft
	81 30590A	1	Washer
	82 35378	1	Governor Gear Ass'y. (Incl. 81)
	83 30588A	1	Governor Spool
	84 29193	1	Retaining Ring
	86 650833	7	Screw, 1/4-20 x 1-3/16"
	87 650832	1	Screw, 1/4-20 x 1-11/16"
	89 32589	1	Flywheel Key
	90 611090	1	Flywheel
	92 650880	1	Belleville Washer
	93 650881	1	Flywheel Nut
	100 35135	1	Solid State Ignition
	101 610118	1	Spark Plug Cover
	102 651024	2	Solid State Mounting Stud
	103 651007	2	Screw, Torx T-15, 10-24 x 15/16"
	110 35187	1	Ground Wire
	119 36448	1	* Cylinder Head Gasket

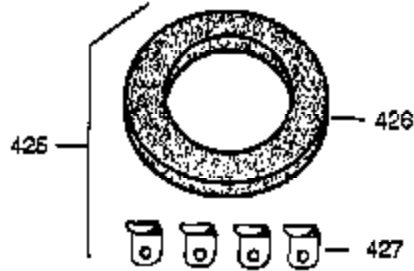
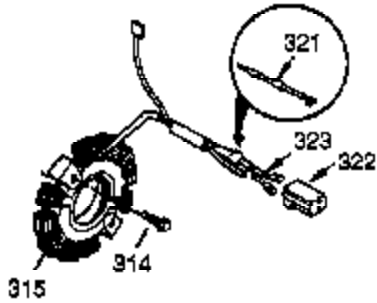
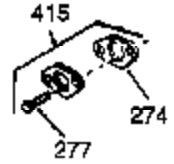
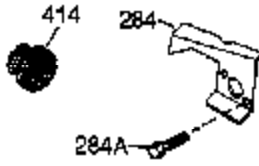
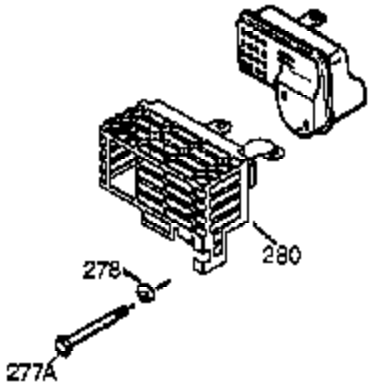
## Engine Parts List #1

Ref #	Part Number	Qty	Description
120	36449	1	Cylinder Head
125	27878A	1	Exhaust Valve (Std.) (Incl. 151)
125	27880A	1	Exhaust Valve (1/32" OS) (Incl. 151)
126	34035	1	Intake Valve (Std.) (Incl. 151)
126	34036	1	Intake Valve (1/32" OS) (Incl. 151)
127	650691	9	Washer
128	650690	7	Belleville Washer
129	650727	2	Screw, 5/16-18 x 1-3/4"
130	650694A	7	Screw, 5/16-18 x 2"
131A	650781	2	Screw, 5/16-18 x 11/16"
135	33636	1	Resistor Spark Plug (J8C/356)
139	33369	1	Governor Gear Bracket
140	650836	2	Screw, 10-24 x 1/2"
149A	35862	1	Valve Spring Cap
149	27882	1	Valve Spring Cap
150	27881	2	Valve Spring
151	32581	2	Valve Spring Keeper
169	27896A	2	* Breather Gasket
170	28423	1	Breather Body
171	28424	1	Breather Element
172	28425	1	Valve Cover
173A	32446	1	Breather Tube Grommet
173	34696	1	Breather Tube
174	650128	2	Screw, 10-24 x 1/2"
178	29752	2	Nut & Lock Washer, 1/4-28
182	30088A	2	Screw, 1/4-28 x 1"
184	33263	1	* Carburetor To Intake Pipe Gasket
185	34707	1	Intake Pipe
186	34667	1	Governor Link
200	34664	1	Control Bracket (Incl. 19, 203 & 204)
203	31342	1	Compression Spring
204	651029	1	Screw, Torx T-10, 5-40 x 7/16"
206	610973	1	Terminal
207	33878	1	Governor Link
209	650821	2	Screw, 10-32 x 1/2"
210	27793	1	Conduit Clip
211	28942	1	Screw, 10-32 x 3/8"
223	650378	2	Screw, Torx T-30, 5/16-18 x 1-1/8"
224	27915A	1	* Intake Pipe Gasket
225	35043	1	Carburetor Tube
239	27272A	1	* Air Cleaner Gasket
241	35045	1	Air Cleaner Collar
242	34699	1	Air Cleaner Bracket
245A	34703	1	Air Cleaner Filter
245	34700A	1	Air Cleaner Filter
250	34702	1	Air Cleaner Cover
251	650513	1	Wing Nut, 1/4-20
260	34833B	1	Blower Housing
261	650788	2	Screw, 5/16-18 x 3/4"
262	29747B	2	Screw, Torx T-40, 5/16-24 x 21/32"
264A	650802	1	Screw, 1/4-20 x 5/8"
265	33272B	1	Cylinder Head Cover
276	31588	1	Locking Plate
277	650729	2	Screw, 5/16-18 x 3-3/16"
281	33013	1	Starter Bubble Cover
282	650760	1	Screw, 8-32 x 3/8"
285	35985B	1	Starter Cup
287	29752	4	Nut & Lock Washer, 1/4-28

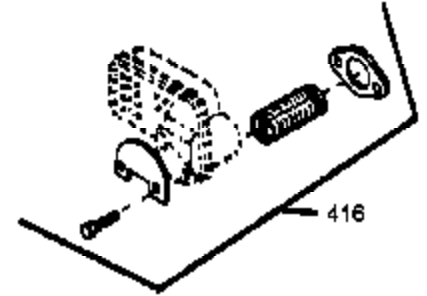
Ref #	Part Number	Qty	Description
298	650665	2	Screw, 1/4-15 x 3/4"
300	34156A	1	Fuel Tank (Incl. 292 & 301)
301	36246	1	Fuel Cap
304	35480	1	Fuel Cap Retainer
305	35554	1	Oil Fill Tube
307	35499	1	"O" Ring
308	35540	1	Fill Tube Clip
310	36205	1	Dipstick
325	29443	1	Wire Clip
327	35392	1	Starter Plug
340	35834	1	Fuel Tank Bracket
341	36598	1	Fuel Tank Bracket
342	30063	1	Screw, Torx T-30, 1/4-20 x 1/2"
370E	37089	1	Air Cleaner Decal
370	36261	1	Identification Decal
380	632325	1	Carburetor (Incl. 184)
390	590704	1	Rewind Starter (NOTE: This engine could have been built with 590746 starter.)
400	36450A	1	* Gasket Set (Incl. items marked PK i n notes) Incl. part #'s 27272A (1), 27896A (2), 27915A (1), 29673 (1), 33263 (1), 33629 (1), 34698A (1), 35262A (1), 36448 (1)
420	730225	1	SAE 30 4-Cycle Engine Oil (Quart)



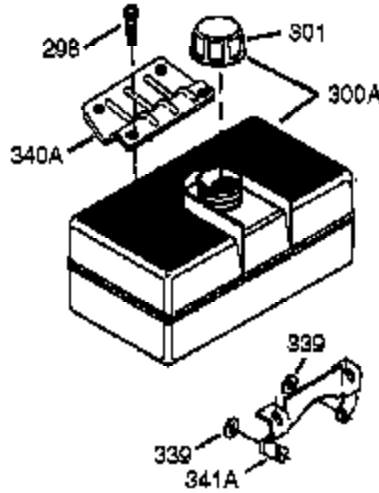
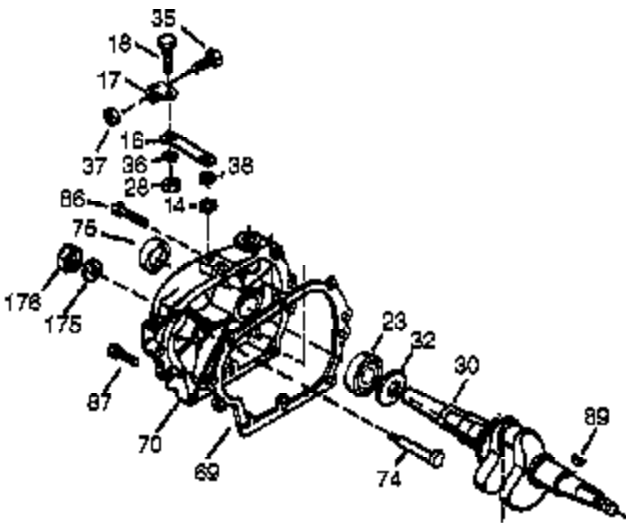
Ref #	Part Number	Qty	Description
4A	32214	1	Oil Drain Elbow
4	30968	1	Oil Drain Extension
72	27642	2	Oil Drain Plug
84	29193	1	Retaining Ring
92	650880	1	Belleville Washer
129	650727	2	Screw, 5/16-18 x 1-3/4"
131A	650781	2	Screw, 5/16-18 x 11/16"
227	35044	1	Air Cleaner Elbow (Incl. 228,229,232, 239&242)
228	650851	1	Stud, 1/4-20 8.1"
232	XXXXX	2	Pop Rivet (Can be purchased locally)
234	650852	1	Nut, 1/4-20
235	30675	1	Air Cleaner Elbow Fitting
238	650163	2	Screw, 10-32 x 7/8"
239	27272A	1	* Air Cleaner Gasket
239A	34698A	1	Air Cleaner Gasket
245A	34703	1	Air Cleaner Filter
245	34700A	1	Air Cleaner Filter
250	34702	1	Air Cleaner Cover
251	650513	1	Wing Nut, 1/4-20
260	34833B	1	Blower Housing
275	34185B	1	Muffler
277	650729	2	Screw, 5/16-18 x 3-3/16"
285	35985B	1	Starter Cup
290	30705	1	Fuel Line
292	26460	2	Fuel Line Clamp
370E	37089	1	Air Cleaner Decal
380	632325	1	Carburetor (Incl. 184)
390	590704	1	Rewind Starter (NOTE: This engine could have been built with 590746 starter.)



OPTIONAL  
STARTER MUFF KIT



OPTIONAL  
SPARK ARRESTOR KIT



Ref #	Part Number	Qty	Description
16	33454	1	Governor Lever
17	29916	1	Governor Lever Clamp
18	651028	1	Screw, Torx T-15, 8-32 x 3/8"
28	30322	1	Lock Nut, 8-32
30	35372A	1	Crankshaft
35	29826	1	Screw, 10-32 x 3/4"
36	29918	1	Lock Washer
37	29216	1	Lock Nut, 10-32
38	29642	1	Retaining Ring
69	35262A	1	* Cylinder Cover Gasket
70	35376	1	Cylinder Cover (Incl. 71, 75 & 80)
75	35319	1	Oil Seal
84	29193	1	Retaining Ring
86	650833	7	Screw, 1/4-20 x 1-3/16"
87	650832	1	Screw, 1/4-20 x 1-11/16"
89	32589	1	Flywheel Key
129	650727	2	Screw, 5/16-18 x 1-3/4"
131A	650781	2	Screw, 5/16-18 x 11/16"
277	650729	2	Screw, 5/16-18 x 3-3/16"
290	30705	1	Fuel Line
292	26460	2	Fuel Line Clamp
298	650665	2	Screw, 1/4-15 x 3/4"
301	36246	1	Fuel Cap
416	34479A	1	Spark Arrestor (Optional)