

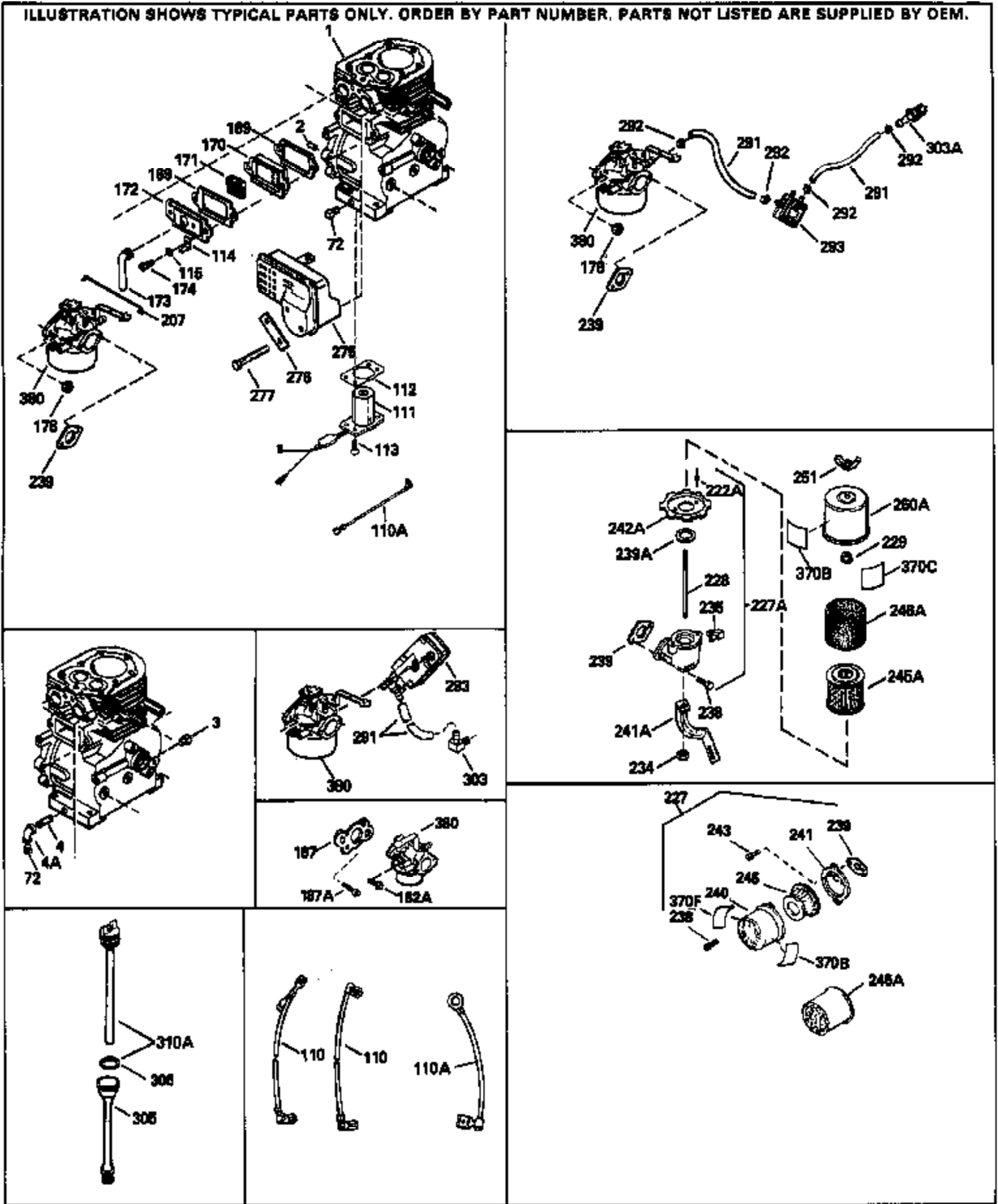
Engine Parts List #1

Ref #	Part Number	Qty	Description
1	35385	1	Cylinder (Incl. 2 & 20)
2	27652	2	Dowel Pin
4	30968	1	Oil Drain Extension
15	30699C	1	Governor Rod (Incl. 15A & 15B)
15B	650494	1	Screw, 6-40 x 5/16"
15A	30700	1	Governor Yoke
16	33454	1	Governor Lever
17	29916	1	Governor Lever Clamp
18	650548	1	Screw, 8-32 x 5/16"
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	35373A	1	Connecting Rod Ass'y. (Incl.46,47,49)
46	650908	1	Connecting Rod Bolt
47	650882	1	Connecting Rod Bolt
48	34034	2	Valve Lifter
49	35374	1	Oil Dipper
50	35375	1	Camshaft (MCR)
60	33273A	1	Blower Housing Extension
65	650128	1	Screw, 10-24 x 1/2"
69	35262	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	Lock Washer
93	650881	1	Flywheel Nut
100	35135	1	Solid State Ignition
101	610118	1	Spark Plug Cover
102	650872	2	Solid State Mounting Stud
103	650814	2	Screw, Torx T-15, 10-24 x 1"
110	35187	1	Ground Wire
119	36448	1	* Cylinder Head Gasket

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 (RJ17LM)
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. 203 & 204)
203	31342	1	Compression Spring
204	650549	1	Screw, 5-40 x 7/16"
206	610973	1	Terminal
207	33878	1	Throttle 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
232	XXXXX	2	Pop Rivet (1/8") (Can be purchased locally)
242	34699	1	Air Cleaner Bracket
250	34702	1	Air Cleaner Cover
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
275	34185A	1	Muffler
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	35985	1	Starter Cup
286	35446	1	Starter Screen
287	29752	4	Nut & Lock Washer, 1/4-28
290	30705	1	Fuel Line
292	26460	2	Fuel Line Clamp

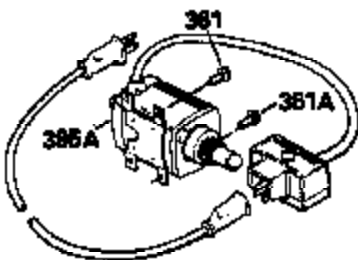
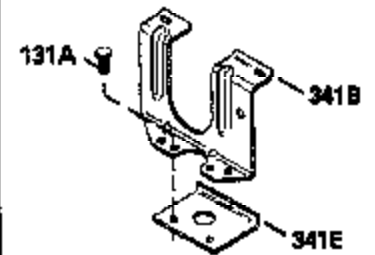
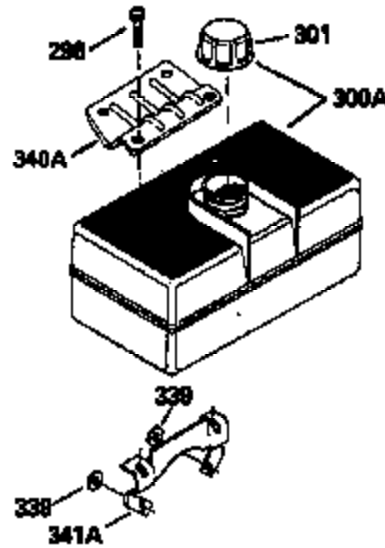
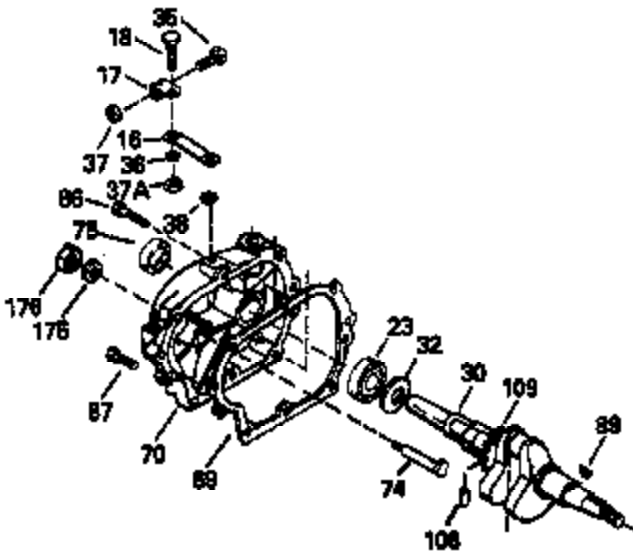
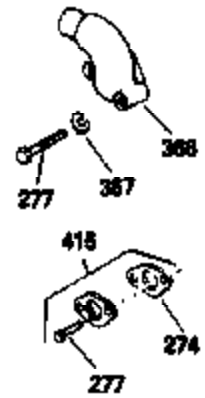
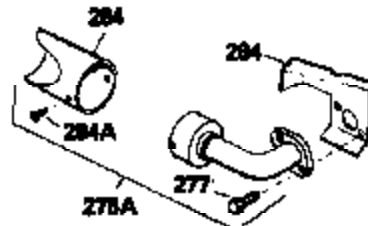
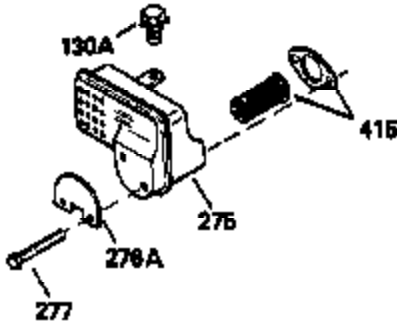
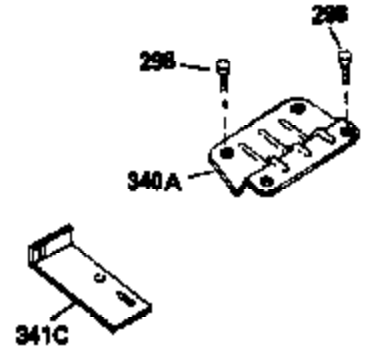
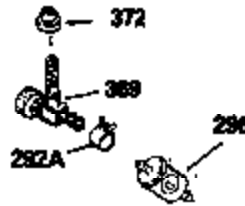
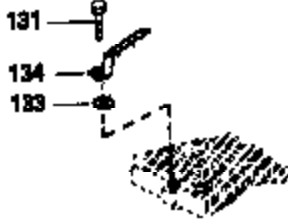
Ref #	Part Number	Qty	Description
298	650665	2	Screw, 1/4-15 x 3/4"
300	34156A	1	Fuel Tank (Incl. 292 & 301)
301	35355	1	Fuel Cap
305	35554	1	Oil Fill Tube
307	35499	1	"O" Ring
308	35540	1	Fill Tube Clip
310	36205	1	Dipstick
325	29443	1	Wire Clip
327	35392	1	Starter Plug
340	34168A	1	Fuel Tank Bracket
341	35834	1	Fuel Tank Bracket
342	30063	1	Screw, Torx T-30, 1/4-20 x 1/2"
370	34704	1	Instruction Decal
380	632325	1	Carburetor (Incl. 184)
390	590671	1	Rewind Starter (NOTE: This engine could have been built with 590704 starter. Refer to the design of the air intake louvers for part identification. Individual starter parts do not interchange.)
400	36450	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), 35262 (1), 36448 (1)
416	34479A	1	Spark Arrestor Kit

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



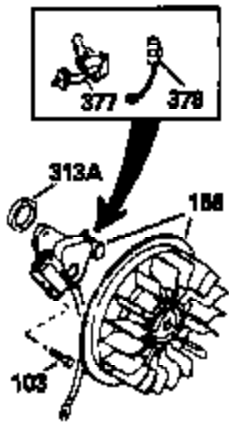
Ref #	Part Number	Qty	Description
1	35385	1	Cylinder (Incl. 2 & 20)
2	27652	2	Dowel Pin
4	30968	1	Oil Drain Extension
4A	32214	1	Oil Drain Elbow
28	30322	1	Lock Nut, 8-32
72	27642	2	Oil Drain Plug
110	35187	1	Ground Wire
169	27896A	2	* Breather Gasket
170	28423	1	Breather Body
171	28424	1	Breather Element
172	28425	1	Valve Cover
173	34696	1	Breather Tube
174	650128	2	Screw, 10-24 x 1/2"
178	29752	2	Nut & Lock Washer, 1/4-28
207	33878	1	Throttle Link
227	35044	1	Air Cleaner Elbow Ass'y.
228	650851	1	Stud, 1/4-20 x 8.1"
229	650825	1	Nut & Lock Washer, 14-20
232	XXXXX	2	Pop Rivet (1/8") (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
241	35045	1	Air Cleaner Collar
242	34699	1	Air Cleaner Bracket
245	34700	1	Air Cleaner Filter
245A	34703	1	Air Cleaner Filter
250	34702	1	Air Cleaner Cover
251	650513	1	Wing Nut, 1/4-20
264A	650802	1	Screw, 1/4-20 x 5/8"
275	34185A	1	Muffler
276	31588	1	Locking Plate
277	650729	2	Screw, 5/16-18 x 3-3/16"
292	26460	2	Fuel Line Clamp
305	35554	1	Oil Fill Tube
307	35499	1	"O" Ring
380	632325	1	Carburetor (Incl. 184)
416	34479A	1	Spark Arrestor Kit

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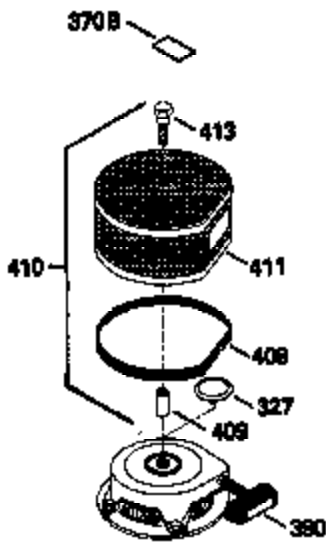
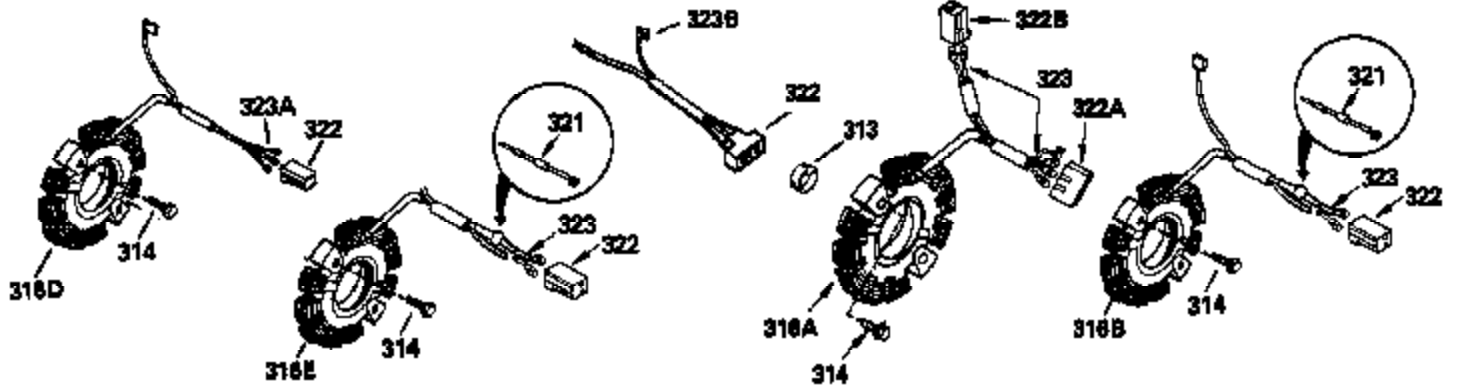
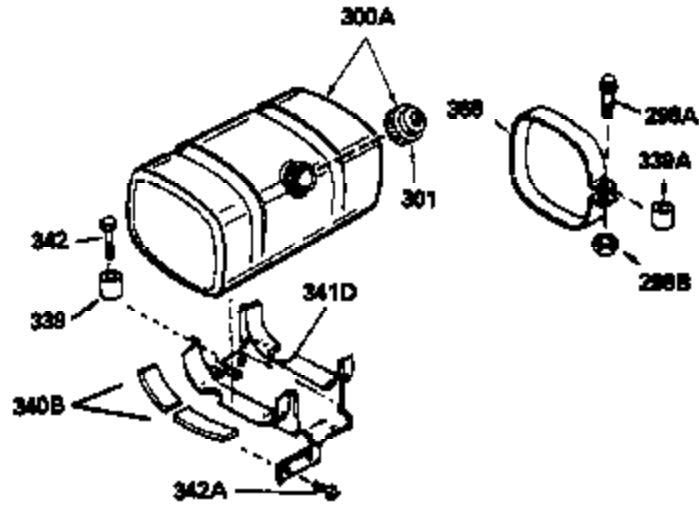


Ref #	Part Number	Qty	Description
16	33454	1	Governor Lever
17	29916	1	Governor Lever Clamp
18	650548	1	Screw, 8-32 x 5/16"
28	30322	1	Lock Nut, 8-32
30	35372A	1	Crankshaft
35	29826	1	Screw, 10-32 x 3/4"
36	29918	1	Lock Washer
37	29216	1	Lock Nut, 10-32
38	29642	1	Retaining Ring
69	35262	1	* Cylinder Cover Gasket
70	35376	1	Cylinder Cover (Incl. 71, 75 & 80)
75	35319	1	Oil Seal
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
131A	650781	2	Screw, 5/16-18 x 11/16"
232	XXXXX	2	Pop Rivet (1/8") (Can be purchased locally)
242	34699	1	Air Cleaner Bracket
250	34702	1	Air Cleaner Cover
264A	650802	1	Screw, 1/4-20 x 5/8"
275	34185A	1	Muffler
277	650729	2	Screw, 5/16-18 x 3-3/16"
298	650665	2	Screw, 1/4-15 x 3/4"
301	35355	1	Fuel Cap
307	35499	1	"O" Ring
416	34479A	1	Spark Arrestor Kit

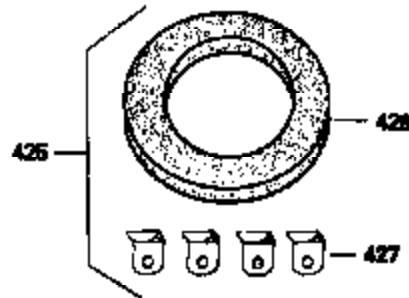
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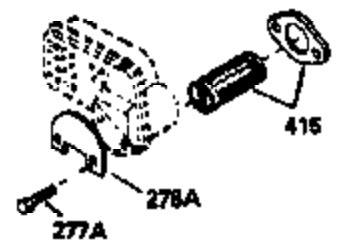
STD. POINT



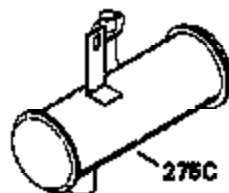
OPTIONAL DEBRIS SCREEN KIT



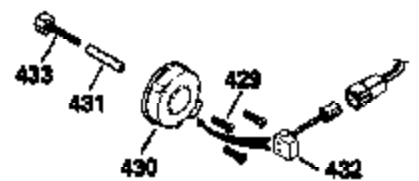
OPTIONAL STARTER MUFF KIT



OPTIONAL SPARK ARRESTOR KIT



OPTIONAL QUIET MUFFLER



OPTIONAL ADD-ON ALTERNATOR AC LIGHTING OR DC CHARGING

Engine Parts List #4

Ref #	Part Number	Qty	Description
28	30322	1	Lock Nut, 8-32
103	650814	2	Screw, Torx T-15, 10-24 x 1"
232	XXXXX	2	Pop Rivet (1/8") (Can be purchased locally)
242	34699	1	Air Cleaner Bracket
250	34702	1	Air Cleaner Cover
264A	650802	1	Screw, 1/4-20 x 5/8"
301	35355	1	Fuel Cap
307	35499	1	"O" Ring
327	35392	1	Starter Plug
342	30063	1	Screw, Torx T-30, 1/4-20 x 1/2"
390	590671	1	Rewind Starter (NOTE: This engine could have been built with 590704 starter. Refer to the design of the air intake louvers for part identification. Individual starter parts do not interchange.)
416	34479A	1	Spark Arrestor Kit