



## Engine Parts List #1

Ref #	Part Number	Qty	Description
1	35385	1	Cylinder (Incl. 2, 20 & 72)
2	27652	2	Dowel Pin
14	28277	1	Washer
15	30699C	1	Governor Rod (Incl. 15A & 15B)
15A	30700	1	Governor Yoke
15B	650494	1	Screw, 6-40 x 5/16"
16	33454	1	Governor Lever
17	29916	1	Governor Lever Clamp
18	651028	1	Screw, Torx T-15, 8-32 x 3/8"
19A	33857	1	Extension Spring
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	35420A	1	Crankshaft
35	29826	1	Screw, 10-32 x 3/4"
37	29216	1	Lock Nut, 10-32
38	29642	1	Retaining Ring
40	40011	1	Piston, Pin & Ring Set (Std.)
40	40012	1	Piston, Pin & Ring Set (.010" OS)
41	40009	1	Piston & Pin Ass'y. (Std.) (Incl. 43)
41	40010	1	Piston & Pin Ass'y. (.010" OS) (Incl. 43)
42	40013	1	Ring Set (Std.)
42	40014	1	Ring Set (.010" 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
62	650760	1	Screw, 8-32 x 3/8"
63	28545	1	Grommet
65	650128	1	Screw, 10-24 x 1/2"
69	35262A	1	* Cylinder Cover Gasket
70	33626B	1	Cylinder Cover (Incl. 74,75,80,175 & 176)
72	27642	2	Oil Drain Plug
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	651024	2	Solid State Mounting Stud
103	651007	2	Screw, Torx T-15, 10-24 x 15/16"
110B	36993	1	Ground Wire
110	35234	1	Ground Wire
110A	35589	1	Ground Wire
111B	611224	1	Rocker On/Off Switch
119	36448	1	* Cylinder Head Gasket

## Engine Parts List #1

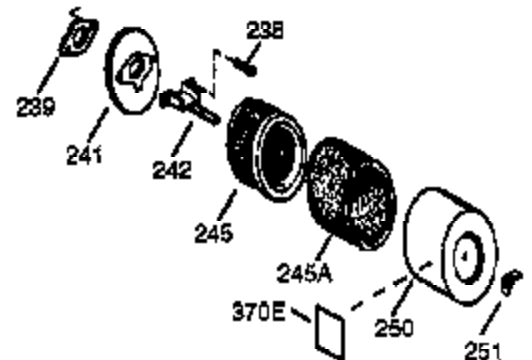
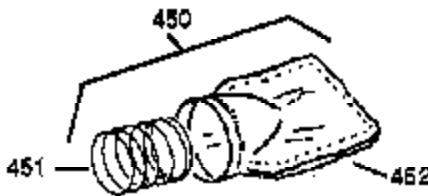
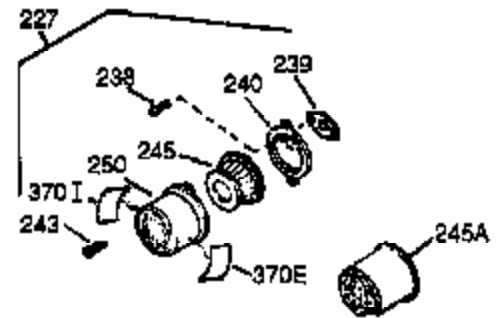
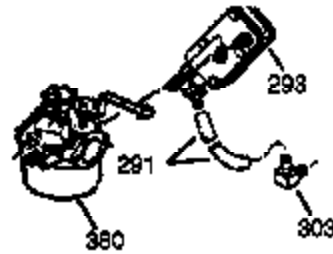
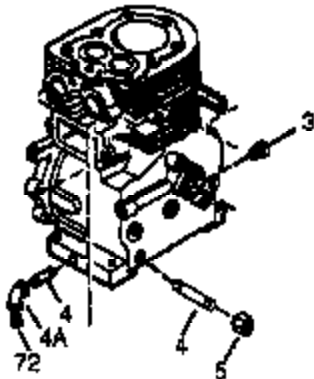
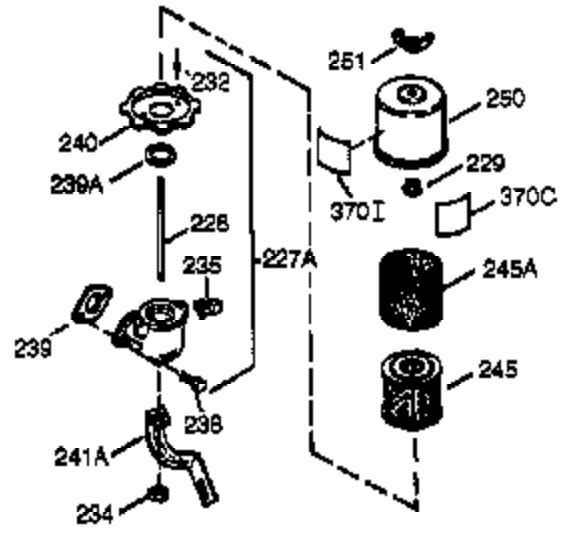
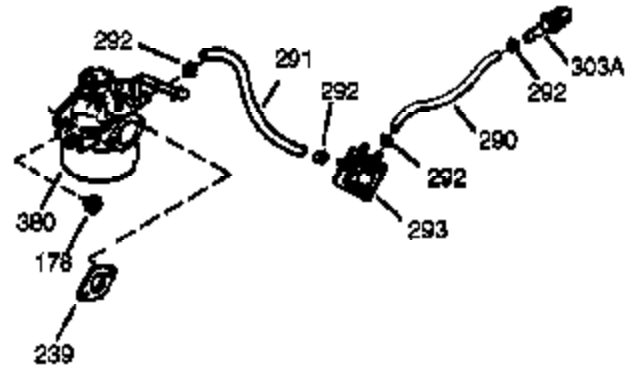
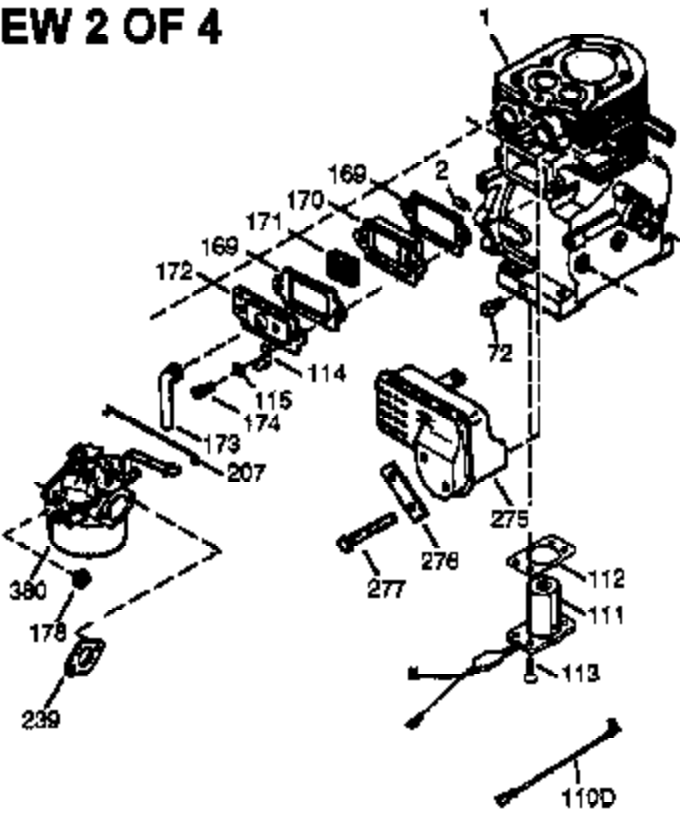
Ref #	Part Number	Qty	Description
	120 36449	1	Cylinder Head
	125 27878A	1	Exhaust Valve (Std.) (Incl. 151)
	125 27880A	1	Exhaust Valve (1/32" OS) (Incl. 151)
	126 34035	1	Intake Valve (Std.) (Incl. 151)
	126 34036	1	Intake Valve (1/32" OS) (Incl. 151)
	127 650691	9	Washer
	128 650690	5	Belleville Washer
	129 650727	4	Screw, 5/16-18 x 1-3/4"
	130 650694A	5	Screw, 5/16-18 x 2"
130B	651055	2	Screw, 5/16-18 x 39/64"
	135 33636	1	Resistor Spark Plug (RJ17LM)
	139 33369	1	Governor Gear Bracket
	140 650836	2	Screw, 10-24 x 1/2"
	149 27882	1	Valve Spring Cap
149A	35862	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
	173 32447	1	Breather Tube
173A	32446	2	Breather Tube Grommet
	174 650128	1	Screw, 10-24 x 1/2"
	184 33263	1	* Carburetor To Intake Pipe Gasket
	186 34661	1	Governor Link
	200 34784	1	Control Bracket (Incl. 19, 203 & 204)
	203 31342	1	Compression Spring
	204 651029	1	Screw, Torx T-10, 5-40 x 7/16"
	207 34785	1	Choke Link
	209 650821	2	Screw, 10-32 x 1/2"
	210 27793	1	Conduit Clip
	211 28942	1	Screw, 0-32 x 3/8"
	223 650378	2	Screw, Torx T-30, 5/16-18 x 1-1/8"
	224 27915A	1	* Intake Pipe Gasket
	260 36989A	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"
	265 33272B	1	Head Cover (Black)
	275 37150	1	Muffler
	277 650273	2	Screw, 5/16-18 x 17/32"
277A	650902	2	Screw, 10-32 x 7/16"
279B	26073	1	Washer
	280 37077	1	Heat Shield
	281 33013	1	Starter Bubble Cover
	282 650760	1	Screw, 8-32 x 3/8"
284A	30196	2	Screw, 5/16-18 x 3/4"
	285 35985B	1	Starter Cup
	287 29752	4	Nut & Lock Washer, 1/4-28
	294 35791	1	Pulse Pump Repair Kit
	300 34156A	1	Fuel Tank (Incl. 292 & 301)
	301 35650	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
	324 33177	1	Terminal

## Engine Parts List #1

Ref #	Part Number	Qty	Description
325B	29443	1	Wire Clip
325	34246	1	Wire Clip
340	34155	1	Fuel Tank Bracket
341	34154	1	Fuel Tank Plate (Black)
342	650561	1	Screw, 1/4-20 x 5/8"
364	33377	1	Caruretor Cover Bracket
370K	36695	1	Starter Decal
370C	35274	1	Instruction Decal
380	640108	1	Carburetor (Incl. 184)
390	590746	1	Rewind Starter (NOTE: This engine could have been built with 590704 starter.)
400	36450B	1	* Gasket Set (Incl. items marked PK in notes) Incl. part #'s 27272A (1), 27896A (2), 27915A (1), 29673 (1), 33263 (1), 33629 (1), 34698A (1), 35262A (1), 36448 (1)
420	730225A	1	SAE 30 4-Cycle Engine Oil (Quart)

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

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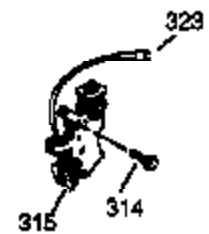
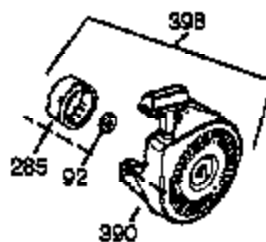
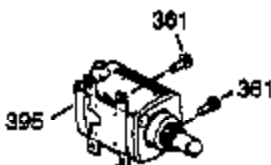
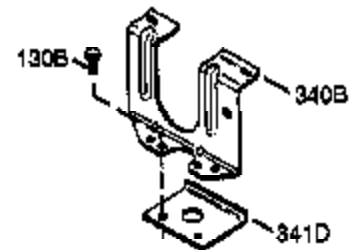
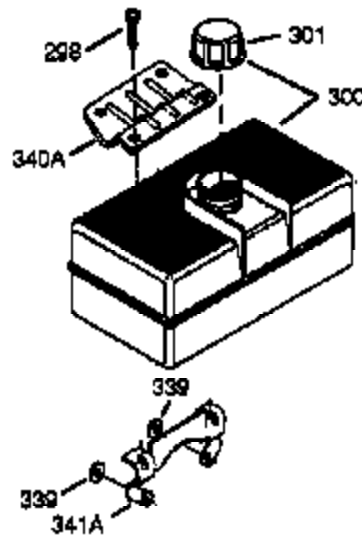
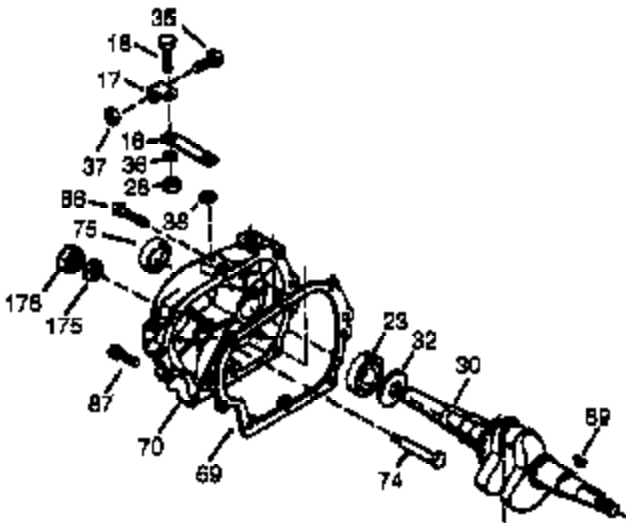
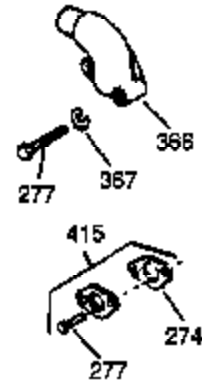
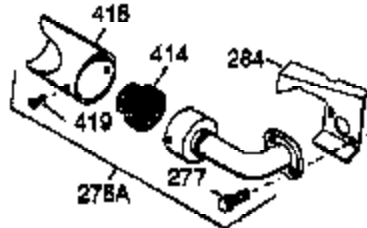
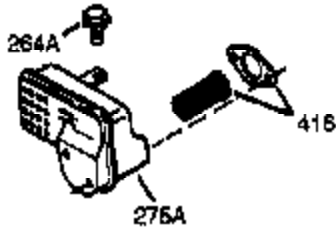
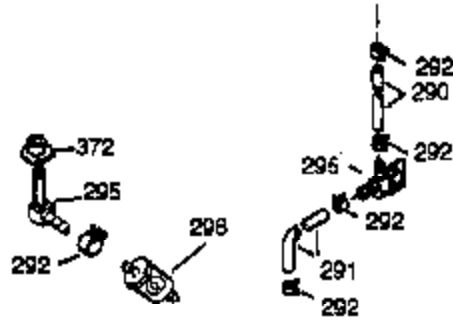
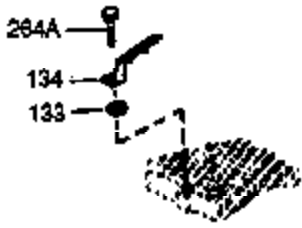


## Engine Parts List #2

Ref #	Part Number	Qty	Description
1	35385	1	Cylinder (Incl. 2, 20 & 72)
2	27652	2	Dowel Pin
19A	33857	1	Extension Spring
72	27642	2	Oil Drain Plug
110A	35589	1	Ground Wire
110B	36993	1	Ground Wire
111B	611224	1	Rocker On/Off Switch
129	650727	4	Screw, 5/16-18 x 1-3/4"
169	27896A	2	* Breather Gasket
170	28423	1	Breather Body
171	28424	1	Breather Element
172	28425	1	Valve Cover
173A	32446	2	Breather Tube Grommet
174	650128	1	Screw, 10-24 x 1/2"
182A	650517	2	Screw, Torx T-30, 1/4-20 x 27/32"
207	34785	1	Choke Link
239	27272A	1	* Air Cleaner Gasket
240	37104	1	Air Cleaner Body
242	33267	1	Air Cleaner Bracket
243	28820	2	Screw, 10-32 x 1/2"
245A	35881	1	Air Cleaner Filter
245	33268	1	Air Cleaner Filter
250	33269A	1	Air Cleaner Cover
251	650513	1	Wing Nut, 1/4-20
272	30196	2	Screw, 5/16-18 x 3/4"
273	34349A	1	Carburetor Flange
275	37150	1	Muffler
277A	650902	2	Screw, 10-32 x 7/16"
277	650273	2	Screw, 5/16-18 x 17/32"
280	37077	1	Heat Shield
284A	30196	2	Screw, 5/16-18 x 3/4"
290	30705	1	Fuel Line
291	29774	1	Fuel Line
292	26460	2	Fuel Line Clamp
293	35812	1	Pulse Pump (Incl. 294)
303	28566	1	Pulse Pump Fitting
308	35540	1	Fill Tube Clip
370C	35274	1	Instruction Decal
380	640108	1	Carburetor (Incl. 184)
420	730225A	1	SAE 30 4-Cycle Engine Oil (Quart)

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**VIEW 3 OF 4**

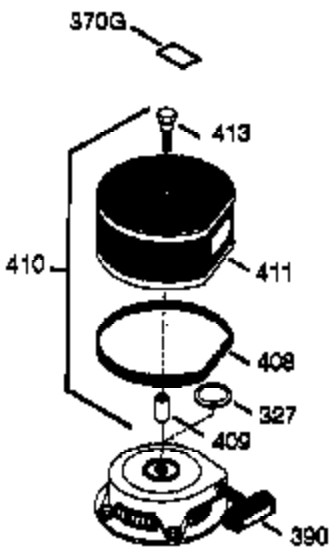
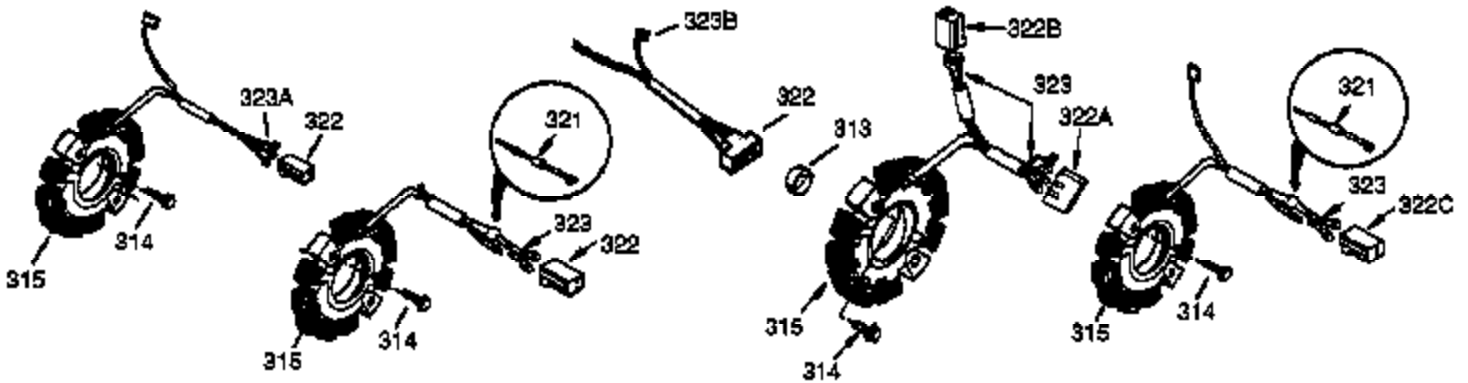
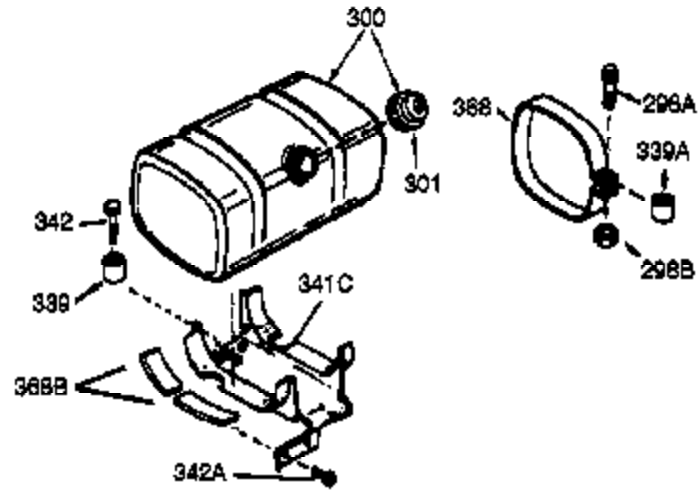
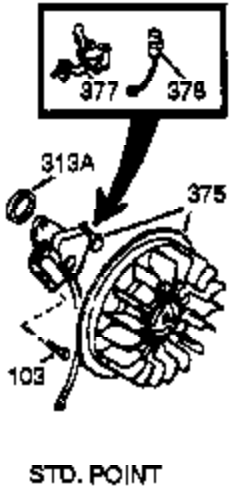


Ref #	Part Number	Qty	Description
16	33454	1	Governor Lever
17	29916	1	Governor Lever Clamp
18	651028	1	Screw, Torx T-15, 8-32 x 3/8"
19A	33857	1	Extension Spring
23	33627	1	Ball Bearing
28	30322	1	Lock Nut, 8-32
30	35420A	1	Crankshaft
32	33628	1	Washer
35	29826	1	Screw, 10-32 x 3/4"
36	29918	1	Lock Washer
37	29216	1	Lock Nut, 10-32
38	29642	1	Retaining Ring
69	35262A	1	* Cylinder Cover Gasket
70	33626B	1	Cylinder Cover (Incl. 74,75,80,175 & 176)
74	31855	2	Bearing Retainer
75	33625	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
92	650880	1	Lock Washer
110A	35589	1	Ground Wire
110B	36993	1	Ground Wire
111B	611224	1	Rocker On/Off Switch
129	650727	4	Screw, 5/16-18 x 1-3/4"
130B	651055	2	Screw, 5/16-18 x 39/64"
173A	32446	2	Breather Tube Grommet
175	650778	2	Lock Washer
176	650580	2	Lock Nut, 10-24
274	35865	1	* Exhaust Gasket
277A	650902	2	Screw, 10-32 x 7/16"
277	650273	2	Screw, 5/16-18 x 17/32"
280	37077	1	Heat Shield
284A	30196	2	Screw, 5/16-18 x 3/4"
284	34390	1	Muffler Deflector
285	35985B	1	Starter Cup
290	30705	1	Fuel Line
291	29774	1	Fuel Line
292	26460	2	Fuel Line Clamp
298	650665	2	Screw, 1/4-15 x 3/4"
300	34156A	1	Fuel Tank (Incl. 292 & 301)
301	35650	1	Fuel Cap
308	35540	1	Fill Tube Clip
390	590746	1	Rewind Starter (NOTE: This engine could have been built with 590704 starter.)
420	730225A	1	SAE 30 4-Cycle Engine Oil (Quart)

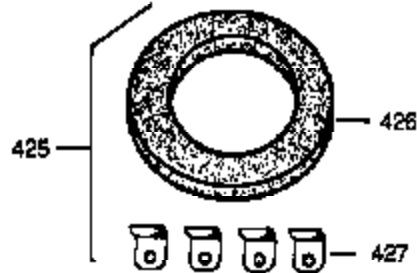


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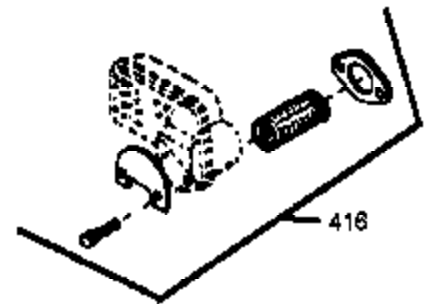
VIEW 4 OF 4



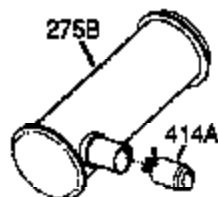
OPTIONAL DEBRIS SCREEN KIT



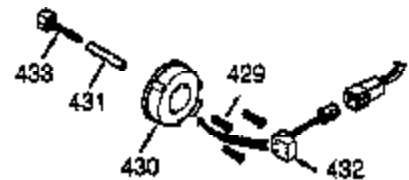
OPTIONAL STARTER MUFF KIT



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
19A	33857	1	Extension Spring
103	651007	2	Screw, Torx T-15, 10-24 x 15/16"
110A	35589	1	Ground Wire
110B	36993	1	Ground Wire
111B	611224	1	Rocker On/Off Switch
129	650727	4	Screw, 5/16-18 x 1-3/4"
173A	32446	2	Breather Tube Grommet
277A	650902	2	Screw, 10-32 x 7/16"
280	37077	1	Heat Shield
284A	30196	2	Screw, 5/16-18 x 3/4"
300	34156A	1	Fuel Tank (Incl. 292 & 301)
301	35650	1	Fuel Cap
308	35540	1	Fill Tube Clip
342	650561	1	Screw, 1/4-20 x 5/8"
390	590746	1	Rewind Starter (NOTE: This engine could have been built with 590704 starter.)
420	730225A	1	SAE 30 4-Cycle Engine Oil (Quart)