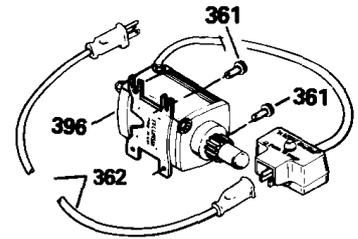
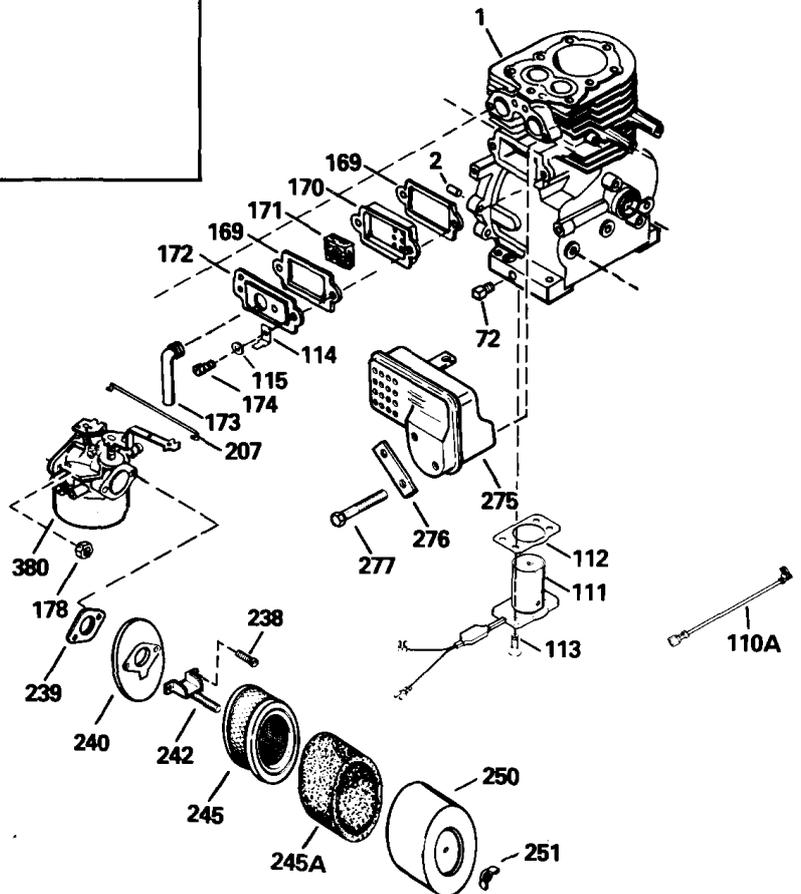
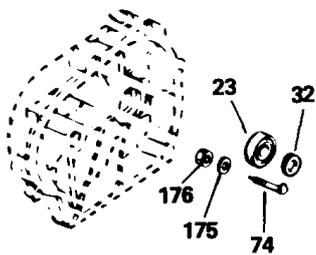
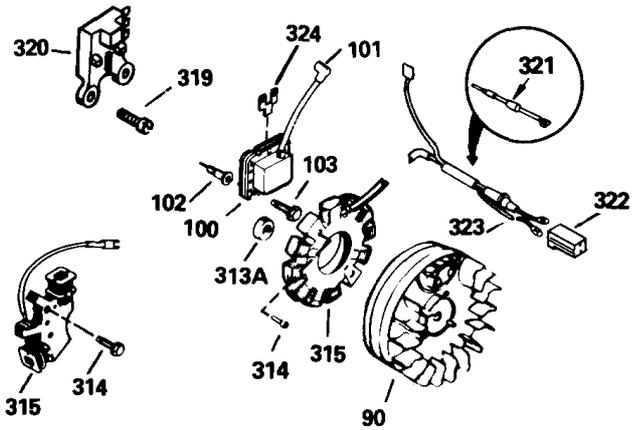
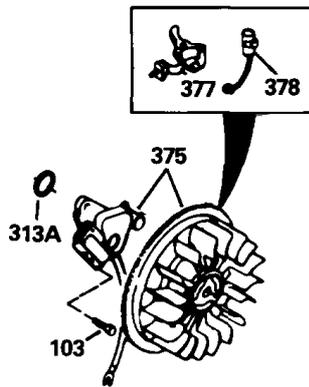
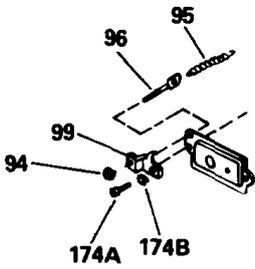


OPTIONAL MUFFLER  
(QUIET)

VIEW 4 of 4



OPTIONAL 110-120 VOLT  
STARTER MOTOR KIT

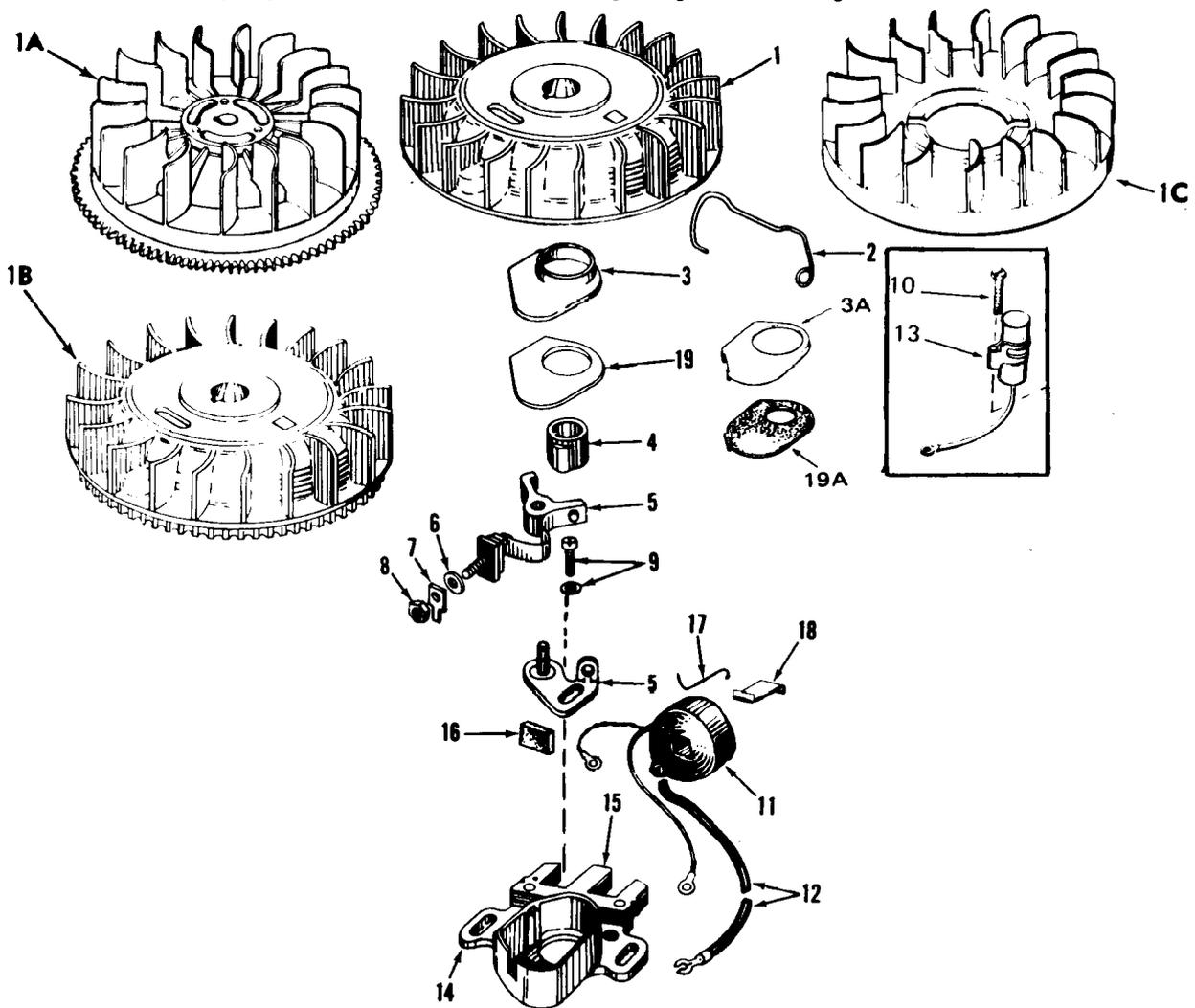


03.12.2007 10:25.142

Illustration #4

REF	ITEM #	DESCRIPTION	REMARK
1	34096C	Cylinder	(CI liner)(3-5/16")(Incl.2,20
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"	
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-thrott	
222A		Pop Rivet (Can be purchased lo	
275	34185A	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)
313A	33876	Gasket, Stator	(Used only on Std. point ign.)
337	34140	Cover, Carburetor	
338A	31291	Plug, Cover	
375	610848	Magneto	(w/ring gear for 120 Volt star
377	30547A	Breaker Points	(Use with Std. point ign.)
378	30548B	Condenser	
380	632038	Carburetor	(Incl. 184 & 379) (Refer to D
421	730226	SAE 5W30 4-Cycle Engine Oil (Q	
422	35824	Muffler Optional	

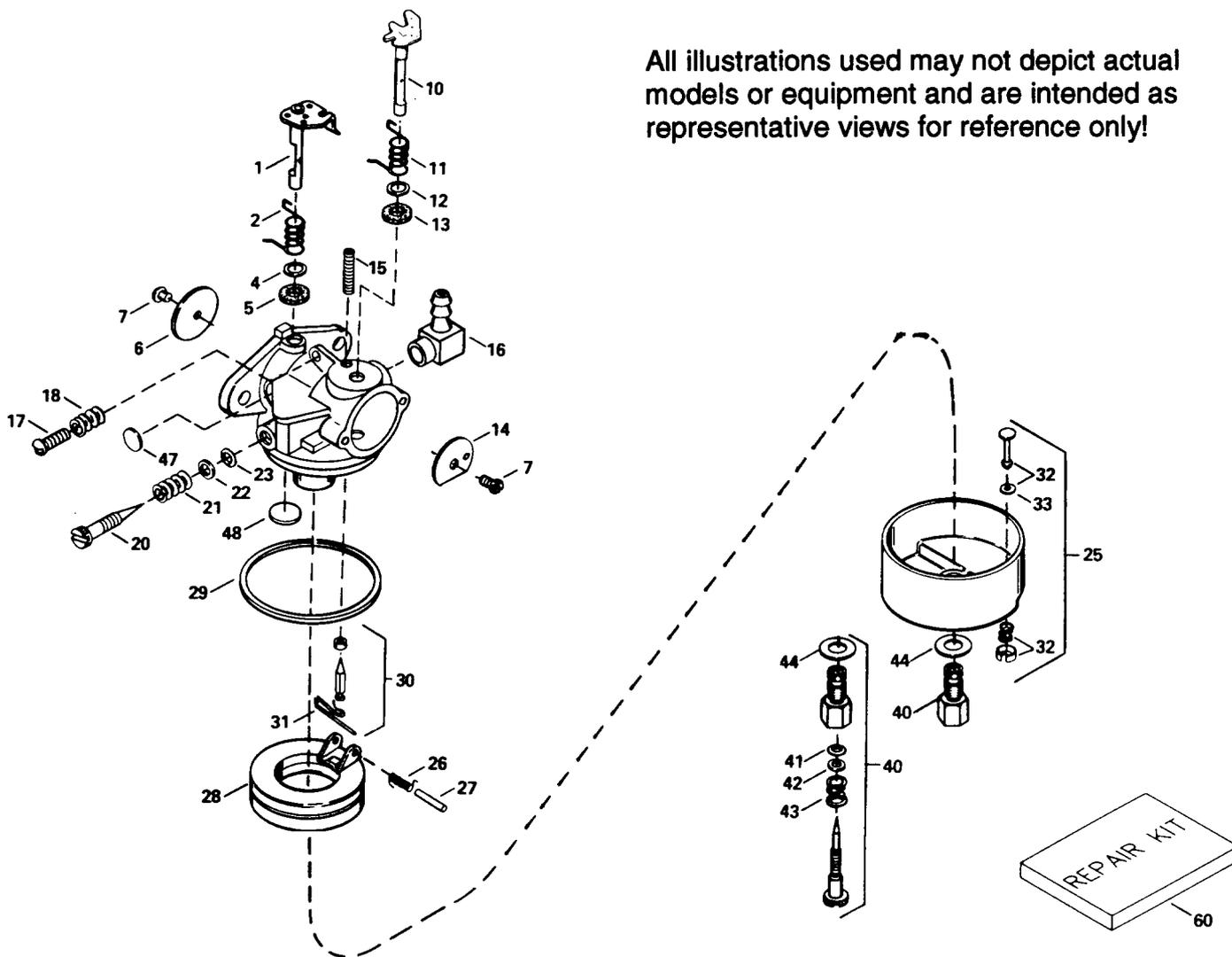
The complete magneto is not available as an assembly. The magneto number is shown for reference purposes only. Order component parts individually. This illustration may not depict your actual equipment and is displayed for your reference only.



03.12.2007 10:25.142  
MG-610848 Illustration

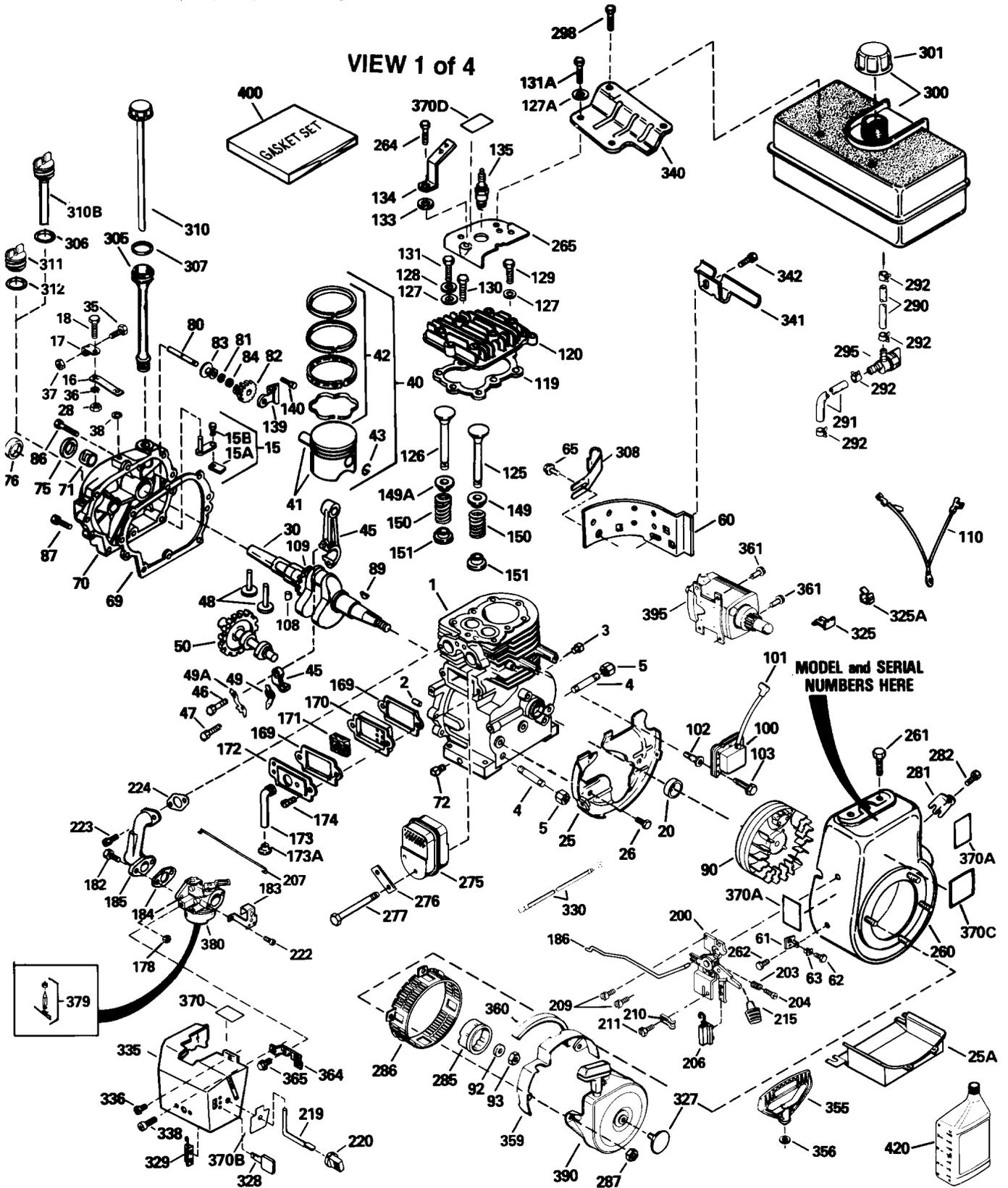
REF	ITEM #	DESCRIPTION	REMARK
0	610848	Magneto	This magneto is not available
1A	610847	Flywheel	(120 volt, ring gear, Incl. 1B
2	30551	Spring, Breaker box cover	
3	30550	Cover, Dust (Early style)	
3A	610947	Cover, Dust (Late Style)	
5	30547A	Contact Assy., Breaker	
6	610385	Washer, Terminal	
7	33356	Tab, Ground terminal	
8	610408	Nut, Terminal	
9	29181	Screw & Washer, Breaker	
10	610593	Screw, Condenser	
11	30560A	Coil Assy. (Incl. 12)	
12	30554	Wire, Lead	
13	30548A	Condenser	
14	30545	Core & Plate	
15	30561B	Stator Assy.	(Incl. 2, 3, 3A & 5 thru 19A)
16	30549	Felt, Cam wiper	
17	31311	Clip, Coil locking	
18	29629	Spring, Coil wedge	
19	33292	Gasket, Dust cover	(Early style, 7/8 Hole)
19A	610957	Gasket, Dust cover (Late Style)	

All illustrations used may not depict actual models or equipment and are intended as representative views for reference only!



RE	ITEM #	DESCRIPTION	Q	REMARK
0	632038	Carburetor	1	(Incl. 184 of Engine Parts Lis
1	631776	Throttle Shaft & Lever Assembl	1	
2	631970	Throttle Return Spring	1	
6	631778	Throttle Shutter	1	
7	650506	Shutter Screw	2	
10	631910	Choke Shaft & Lever Assembly	1	
14	631753	Choke Shutter	1	
15	630735	Choke Positioning Spring	1	
16	631803	Fuel Fitting	1	
17	650417	Throttle Crack Screw/Idle Spee	1	
18	630766	Tension Spring	1	
20	630898	* Idle Mixture Screw	1	
21	630766	Tension Spring	1	
22	630739	Idle Mixture Screw Washer	1	
23	630740	* Idle Mixture Screw "O" Ring	1	
25	631867	Float Bowl	1	
27	631024	* Float Shaft	1	
28	632019	Float	1	
29	631028	* Float Bowl "O" Ring	1	
30	631021	* Inlet Needle, Seat & Clip (I	1	
31	631022	Spring Clip	1	
40	631583	* Main Adj. Screw Ass'y.	1	(Incl. 41 thru 44)
41	630740	* High Speed Mixture Screw "O"	1	
42	630739	High Speed Mixture Screw Washe	1	
43	630738	High Speed Mixture Screw Tensi	1	Spring
44	27110	Bowl Nut Washer	1	
47	630748	* Welch Plug, Idle Mixture Wel	1	
48	631027	* Welch Plug, Atmospheric Vent	1	
60	631978	*Repair Kit	1	(Incl. items marked PK in note

This illustration may not depict actual equipment and is for reference only!

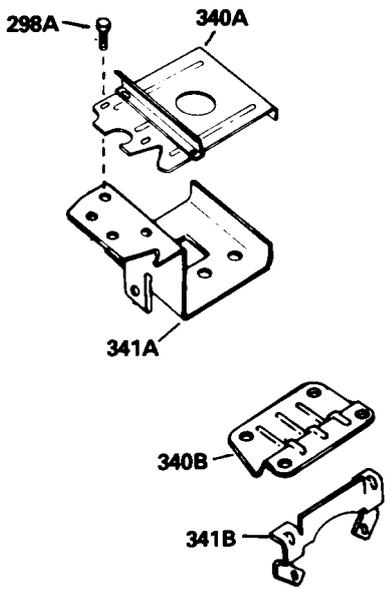


## Illustration #1

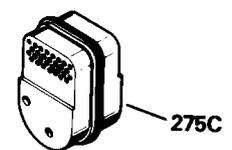
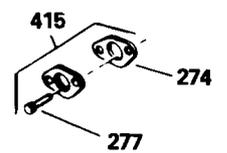
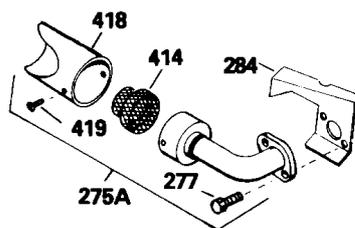
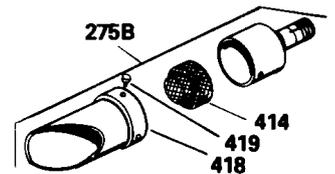
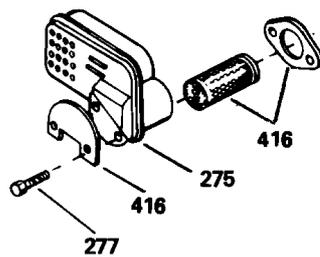
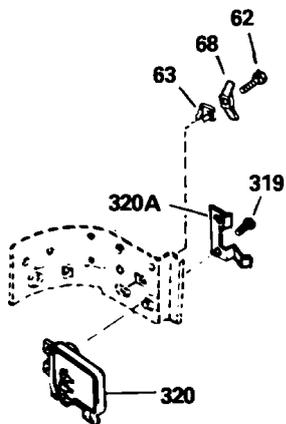
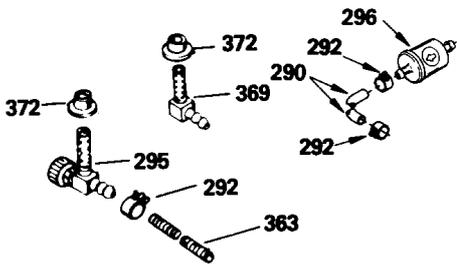
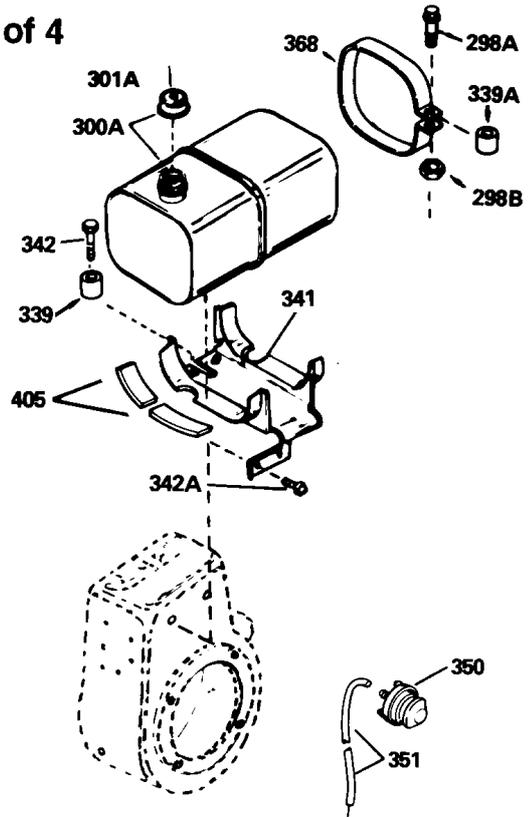
REF	ITEM #	DESCRIPTION	REMARK
1	34096C	Cylinder	(CI liner)(3-5/16" )(Incl.2,20
2	27652	Pin, Dowel	
4	30968	Nipple, Oil drain	
5	30969	Cap, Oil drain	
15	30699C	Rod Assy., Governor (Incl. 15A	
15A	30700	Yoke, Governor	
15B	650494	Screw, 6-40 x 5/16"	
16	33454	Governor Lever Assy.	
17	29916	Clamp, Governor lever	
18	650548	Screw, 8-32 x 5/16"	
20	32630	Seal, Oil	
25	29536	Blower Housing Baffle	(Without electric starter kno
25	35256A	Blower Housing Baffle	(With electric starter knocko
26	650561	Screw, 1/4-20 x 5/8"	
30	33459A	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"	
40	34545	Piston, Pin & Ring Set (.020"	
41	34031B	Piston & Pin Ass'y. (Std.)(3-3	(Incl.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	
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	
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 required)
87	650832	Screw, 1/4-20 x 1-11/16"	(Use as required)
89	32589	Key, Flywheel	
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 i
109	33245	Gear, Crankshaft	
110	34240	Ground Wire	
119	34041A	* Gasket, Cylinder head	
120	34030A	Head, Cylinder	
125	27878A	Exhaust Valve (Std.) (Incl. 15	
125	27880A	Exhaust Valve (1/32" OS) (Incl	
126	34035	Intake Valve (Std.) (Incl. 151	
126	34036	Intake Valve (1/32" OS) (Incl.	
127	650691	Washer	(Do not use with No. 6021A scr
128	650690	Washer, Belleville (Use as req	
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
130	650694A	Screw, 5/16-18 x 2" (Use as re	
130	650711	Screw, 5/16-18 x 1-5/8 "	(Use as required) (Can use 60
131	650737	Screw, 1/4-20 x 1/2"	(Use as required)
131	650738	Screw, 1/4-20 x 5/8 (Use as re	
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"	
206	610973	Terminal Assy.	
207	33878	Link, Governor lever-to-thrott	
210	27793	Clip, Conduit	
211	28942	Screw, 10-32 x 3/8"	
222A		Pop Rivet (Can be purchased lo	
223	650378	Screw, Torx T-30, 5/16-18 x 1-	
224	27915A	*Gasket, Intake pipe	
260	34145	Blower Housing (For electric s	
261	650788	Screw, 5/16-18 x 3/4"	
262	29747B	Screw, 5/16-24 x 21/32"	
265	33272B	Cover, Cylinder head	
275	34185A	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"	
287	29752	Nut, 1/4-28	
290	29774	Fuel Line (Braided 8-1/4")(21c	(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 requir	
295	32961	Valve, Fuel shut-off	
298	650665	Screw, 1/4-15 x 7/8"	
300	34160A	FUEL TANK	(Incl. 292 & 301) NOTE: These
306	29673	* Gasket, Oil filler	
310	31297	Dipstick (Incl. 307)	
336	650765	Screw, 10-32 x 1/2"	
337	34140	Cover, Carburetor	
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"	
359	34141	Guard, Starter	
360	32576	Seal, Snow guard	
364	33377	Bracket, Carburetor cover mtg.	
365	650767	Screw, 8-32 x 27/64"	
370	34346	Decal, Instruction	
370	35274	Decal, Instruction	
379	631021	Inlet Needle, Seat & Clip Assy	
380	632038	Carburetor	(Incl. 184 & 379) (Refer to D
400	33279G	* Gasket Set (Incl. items mark	
420	730225	SAE 30 4-Cycle Engine Oil (Qua	
421	730226	SAE 5W30 4-Cycle Engine Oil (Q	
422	35824	Muffler Optional	

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



VIEW 2 of 4

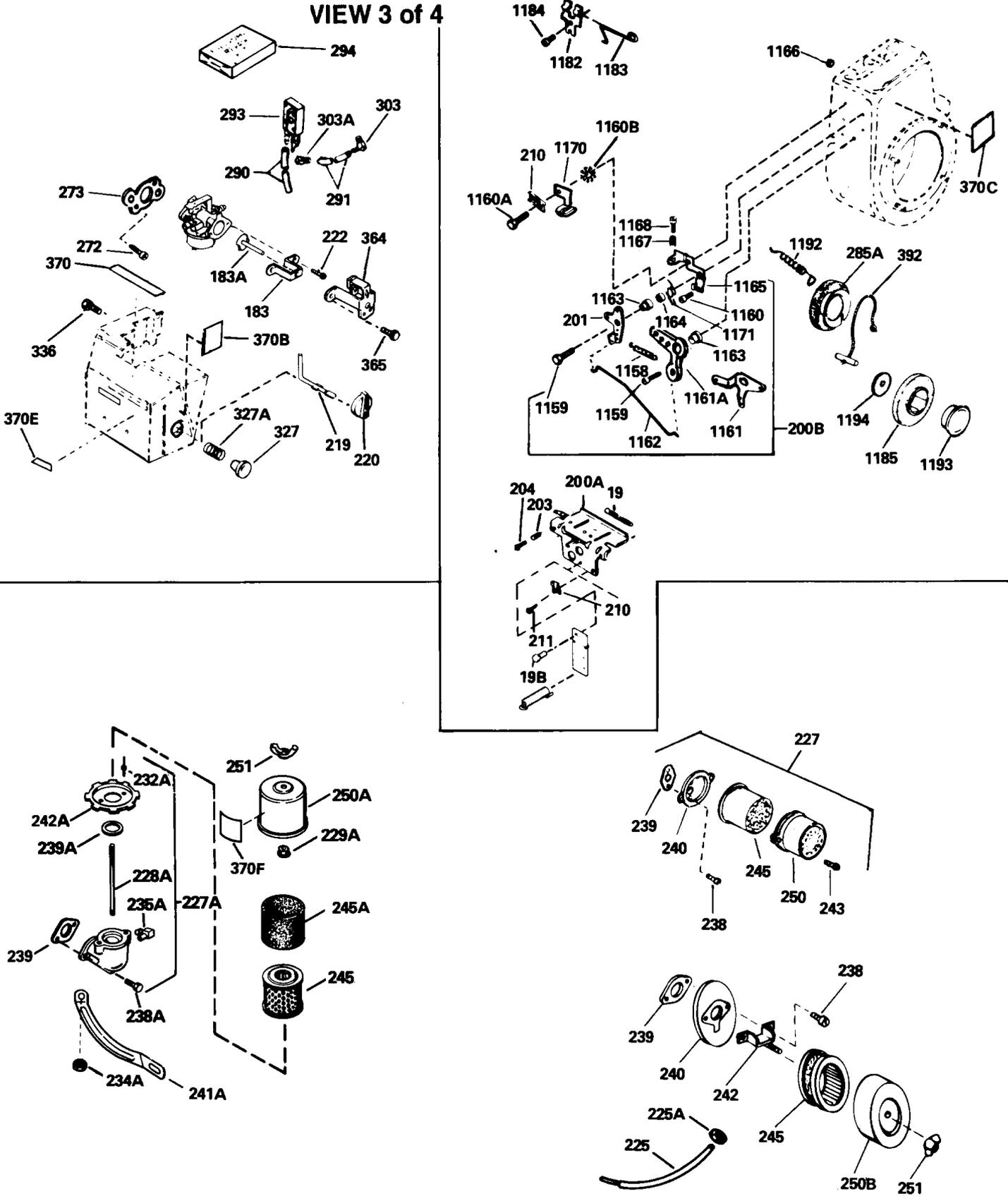


## Illustration #2

REF	ITEM #	DESCRIPTION	REMARK
37A	30322	Nut & Lockwasher, 8-32	
62	650760	Screw, 8-32 x 3/8"	
63	28545	Grommet, Plastic	
222A		Pop Rivet (Can be purchased lo	
274	35865	Gasket, Exhaust	
275	34185A	Muffler	
275B	391026	Muffler	(Incl. 284, 284A & 416) (This
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")(21c	(As required)
290	30962	Fuel Line (Braided 32")(80cm)	(As required)
292	26460	Fuel Line Clamp (Use as requir	
295	32961	Valve, Fuel shut-off	
301A	33032	Fuel Cap	(Red Plastic) (Spurt Resistan
301A	34210	Fuel Cap	(Red Plastic) (Spurt Resistan
301A	35355	Fuel Cap (Red Plastic)(1.75" I	
301A	410144B	Fuel Cap	(White Plastic)(Standard) (Us
337	34140	Cover, Carburetor	
338A	31291	Plug, Cover	
341	34155	Bracket, Lower fuel tank mtg.	
342	650561	Screw, 1/4-20 x 5/8"	
350	570629A	Primer Assy.	
351	32180C	Line, Primer	
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 req	
421	730226	SAE 5W30 4-Cycle Engine Oil (Q	
422	35824	Muffler Optional	

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

VIEW 3 of 4



## Illustration #3

REF	ITEM #	DESCRIPTION	REMARK
37A	30322	Nut & Lockwasher, 8-32	
200A	33461A	Control Bracket	(Incl. 19, 203, 204 & 206)
200B	730152	Control Bracket (Incl.1158-117	(As req.)
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 lo	
227	730127	Air Cleaner Ass'y.	(Incl. 238, 239, 242, 246, 25
285A	33662	Hub & Screen Assy.	
290	29774	Fuel Line (Braided 8-1/4")(21c	(As required)
290	30962	Fuel Line (Braided 32")(80cm)	(As required)
291	30705	Fuel Line (Braided 16")(40cm)	(As required)
293	33715	Impulse Fuel Pump	NOTE: 34385 and 33715 (WIP)
294	35791	Fuel Pump Repair Kit	NOTE: 34385 and 33715 (WIP)
303	32958	Fitting, Fuel	
336	650765	Screw, 10-32 x 1/2"	
337	34140	Cover, Carburetor	
338A	31291	Plug, Cover	
364	33377	Bracket, Carburetor cover mtg.	
365	650767	Screw, 8-32 x 27/64"	
370	34346	Decal, Instruction	
370	35274	Decal, Instruction	
421	730226	SAE 5W30 4-Cycle Engine Oil (Q	
422	35824	Muffler Optional	
1158	33374	Spring Extension	
1159	30312	Screw, 10-32 x 1/2"	
1160	27070	Lockwasher	
1160	28820	Screw, 10-32 x 1/2"	
1182	34138	Bracket, Choke wire	
1183	34139	Control, Choke wire	
1184	650257	Screw, 8-32 x 5/16"	
1185	33816	Hub & Screen Assy.	