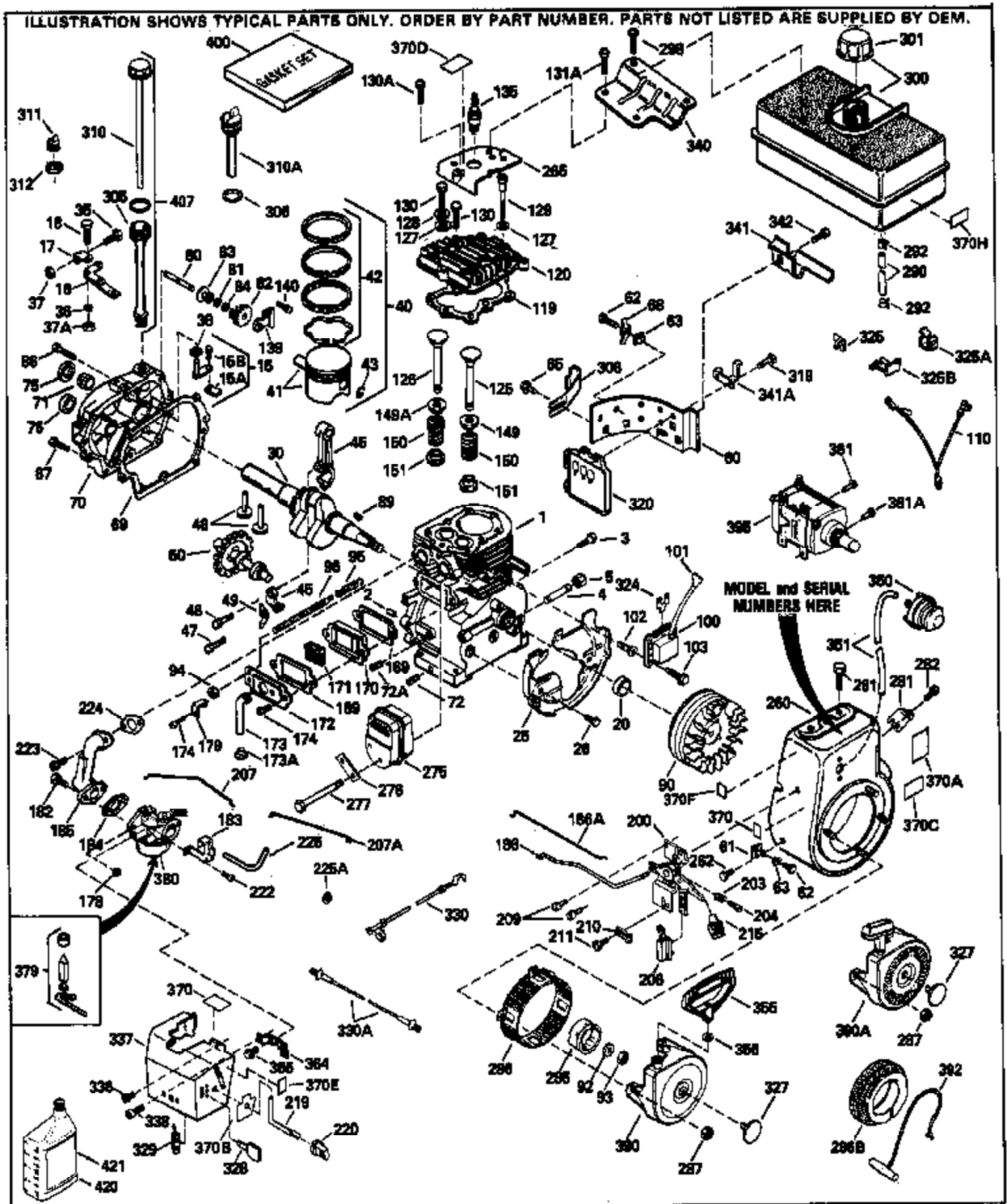




Engine Parts List #1

Ref #	Part Number	Qty	Description
1	35966	1	Cylinder (Incl. 2 & 20)
2	27652	2	Dowel Pin
15A	30700	1	Governor Yoke
15	30699C	1	Governor Rod (Incl. 15A & 15B)
15B	650494	1	Screw, 6-40 x 5/16"
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
25A	36244	1	Air Baffle
25	36460	1	Blower Housing Baffle
26	650561	2	Screw, 1/4-20 x 5/8"
28	30322	1	Lock Nut, 8-32
30	35441A	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
62	650760	1	Screw, 8-32 x 3/8"
63	28545	1	Grommet
65	650128	1	Screw, 10-24 x 1/2"
68	33356	1	Ground Terminal
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	Lock Washer
93	650881	1	Flywheel Nut
94	33450	1	Lock Nut, 10-32
95	30886A	1	Extension Spring
96	30845A	1	R.P.M. Adjusting Bolt

Ref #	Part Number	Qty	Description
100	35135	1	Solid State Ignition
102	650872	2	Solid State Mounting Stud
103	650814	2	Screw, Torx T-15, 10-24 x 1"
110	35183	1	Ground Wire
119	36448	1	* Cylinder Head Gasket
120	36449	1	Cylinder Head
125	27880A	1	Exhaust Valve (1/32" OS) (Incl. 151)
125	27878A	1	Exhaust Valve (Std.) (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	650378	2	Screw, Torx T-30, 5/16-18 x 1-1/8"
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	* Valve Cover Gasket
170	28423	1	Breather Body
171	28424	1	Breather Element
172	28425	1	Valve Cover
173	35350	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	33877	1	Intake Pipe
207	33878	1	Throttle Link
223	650378	2	Screw, Torx T-30, 5/16-18 x 1-1/8"
224	27915A	1	* Intake Pipe Gasket
242	33267	1	Air Cleaner Bracket
250	33269A	1	Air Cleaner Cover
260	36468	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	34185B	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	35985B	1	Starter Cup
286	35446	1	Starter Screen
287	29752	4	Nut & Lock Washer, 1/4-28
292	26460	2	Fuel Line Clamp
311	35941	1	Oil Fill Plug (Incl. 312)
312	29673	1	Oil Fill Plug Gasket
324	33177	1	Terminal
325A	29443	1	Wire Clip
325	34246	1	Wire Clip
327	35392	1	Starter Plug
342	30063	1	Screw, Torx T-30, 1/4-20 x 1/2"

Ref #	Part Number	Qty	Description
370	36261	1	Instruction Decal
370B	35274	1	Instruction Decal
380	632696	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	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), 35262 (1), 36448 (1)
420	730225	1	SAE 30 4-Cycle Engine Oil (Quart)

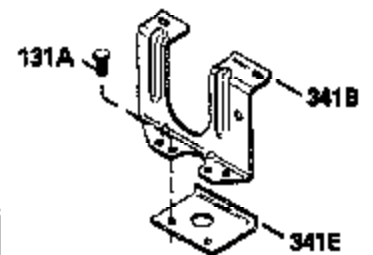
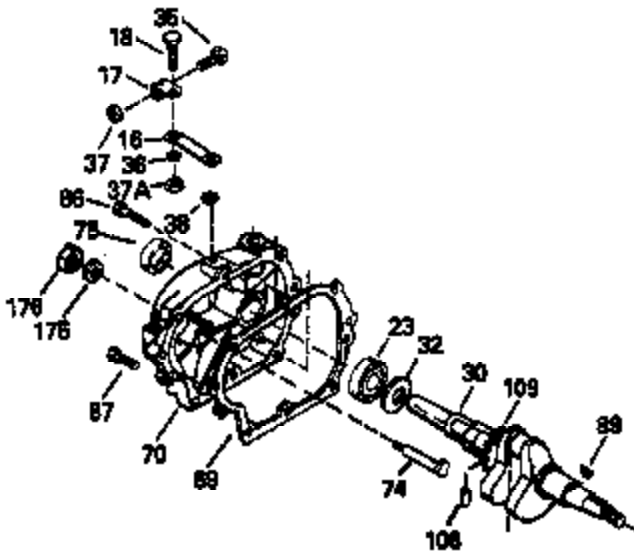
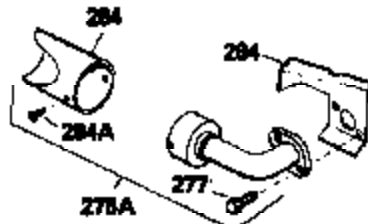
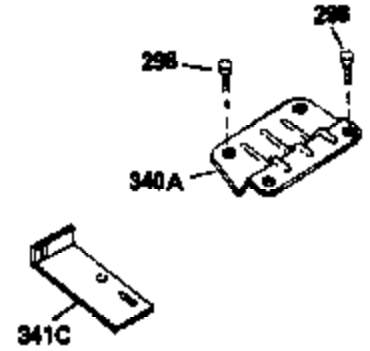
ILLUSTRATION SHOWS TYPICAL PARTS ONLY. ORDER BY PART NUMBER. PARTS NOT LISTED ARE SUPPLIED BY OEM.



Engine Parts List #2

Ref #	Part Number	Qty	Description
1	35966	1	Cylinder (Incl. 2 & 20)
2	27652	2	Dowel Pin
25A	36244	1	Air Baffle
28	30322	1	Lock Nut, 8-32
72	27642	2	Oil Drain Plug
110A	35987	1	Oil Shut-Down Wire & Terminal
110	35183	1	Ground Wire
111	611162	1	Oil Sensor Switch (Incl. 112)
112	35967	1	* Oil Sensor Gasket
113	650950	4	Screw, Torx T-25, 10-24 x 5/8"
114	33932	1	Ground Terminal
115	650518	1	Lock Washer
169	27896A	2	* Valve Cover Gasket
170	28423	1	Breather Body
171	28424	1	Breather Element
172	28425	1	Valve Cover
173	35350	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
239	27272A	1	* Air Cleaner Gasket
240	33266	1	Air Cleaner Body
242	33267	1	Air Cleaner Bracket
243	28820	2	Screw, 10-32 x 1/2"
245	33268	1	Air Cleaner Filter
250	33269A	1	Air Cleaner Cover
251	650513	1	Wing Nut, 1/4-20
264A	650802	1	Screw, 1/4-20 x 5/8"
275	34185B	1	Muffler
276	31588	1	Locking Plate
277	650729	2	Screw, 5/16-18 x 3-3/16"
291	29774	1	Fuel Line
292	26460	2	Fuel Line Clamp
370B	35274	1	Instruction Decal
380	632696	1	Carburetor (Incl. 184)

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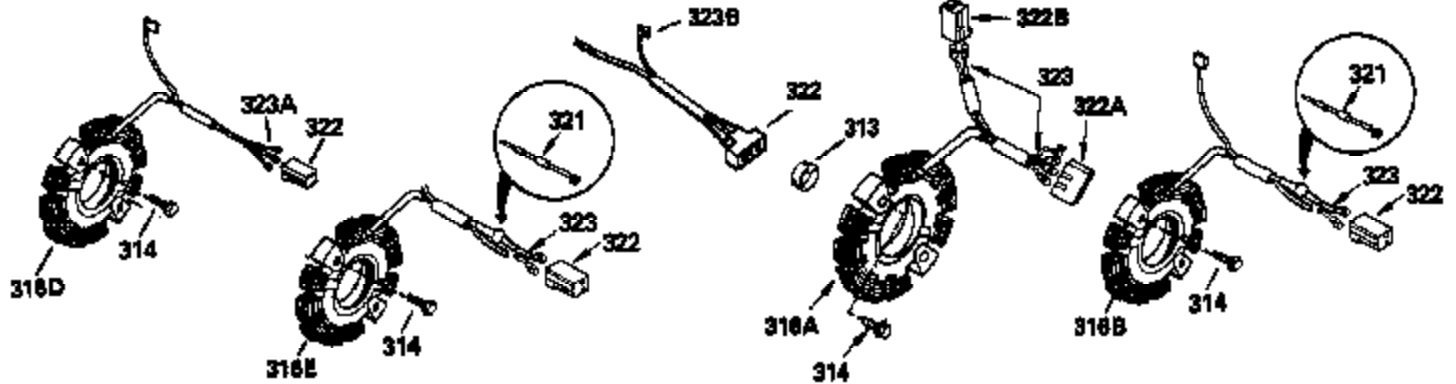
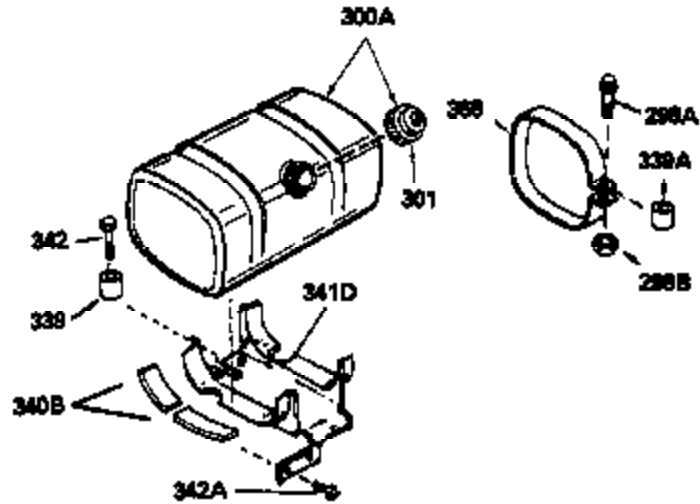


Ref #	Part Number	Qty	Description
16	33454	1	Governor Lever
17	29916	1	Governor Lever Clamp
18	650548	1	Screw, 8-32 x 5/16"
25A	36244	1	Air Baffle
28	30322	1	Lock Nut, 8-32
30	35441A	1	Crankshaft
35	29826	1	Screw, 10-32 x 3/4"
36	29918	1	Lock Washer
37	29216	1	Lock Nut, 10-32
38	29642	1	Retaining Ring
69	35262A	1	* Cylinder Cover Gasket
70	35376	1	Cylinder Cover (Incl. 71, 75 & 80)
75	35319	1	Oil Seal
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	650378	2	Screw, Torx T-30, 5/16-18 x 1-1/8"
242	33267	1	Air Cleaner Bracket
250	33269A	1	Air Cleaner Cover
264A	650802	1	Screw, 1/4-20 x 5/8"
275	34185B	1	Muffler
277	650729	2	Screw, 5/16-18 x 3-3/16"

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



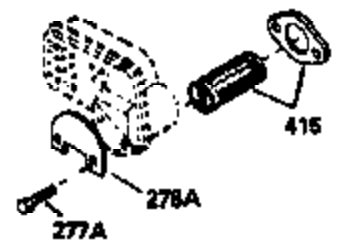
STD. POINT



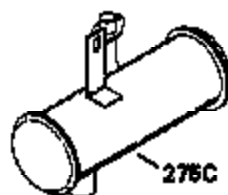
OPTIONAL
DEBRIS SCREEN KIT



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
25A	36244	1	Air Baffle
28	30322	1	Lock Nut, 8-32
103	650814	2	Screw, Torx T-15, 10-24 x 1"
242	33267	1	Air Cleaner Bracket
250	33269A	1	Air Cleaner Cover
264A	650802	1	Screw, 1/4-20 x 5/8"
327	35392	1	Starter Plug
342	30063	1	Screw, Torx T-30, 1/4-20 x 1/2"
370B	35274	1	Instruction Decal
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.)