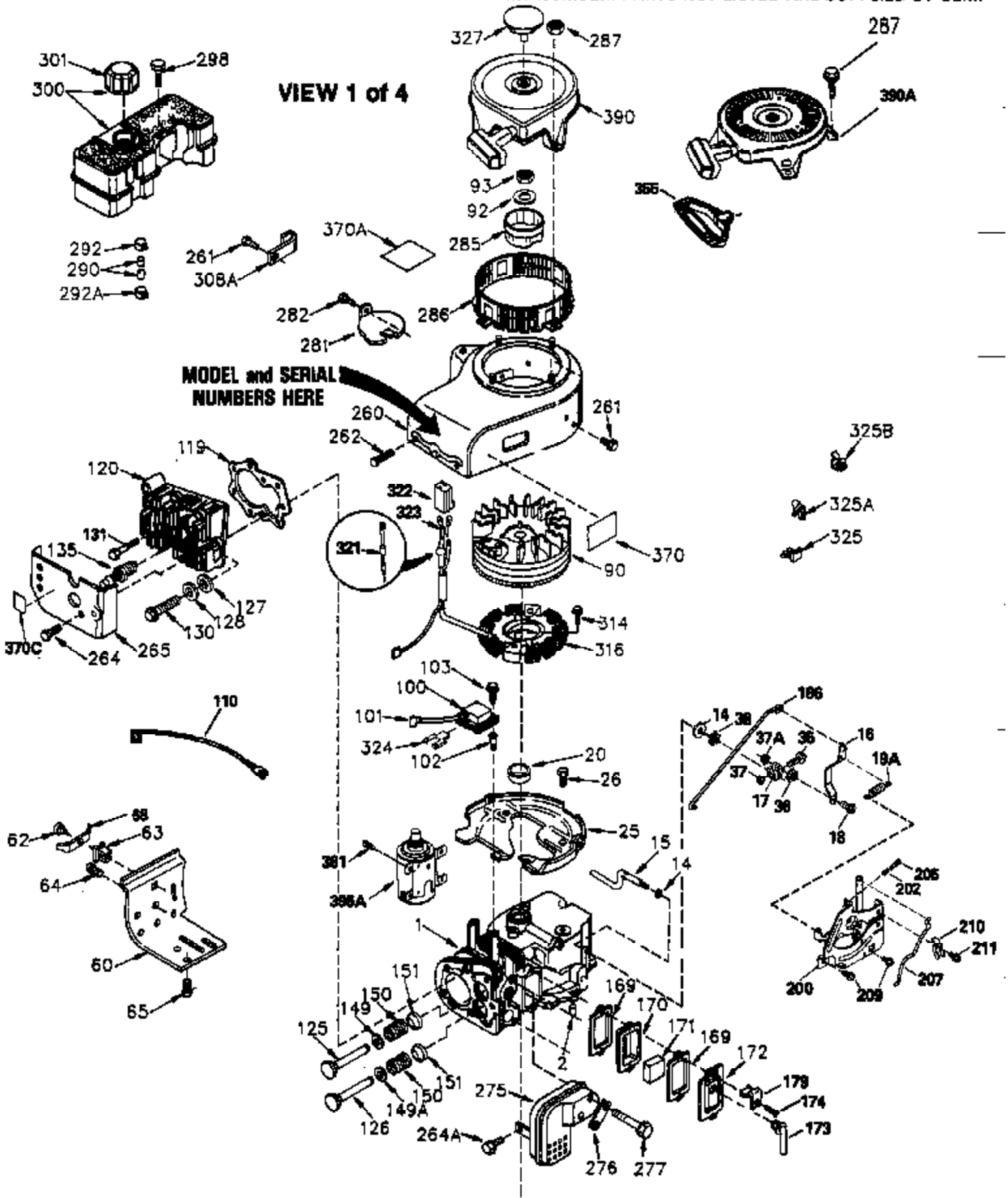


ILLUSTRATION SHOWS TYPICAL PARTS ONLY. ORDER BY PART NUMBER. PARTS NOT LISTED ARE SUPPLIED BY OEM.



Engine Parts List #1

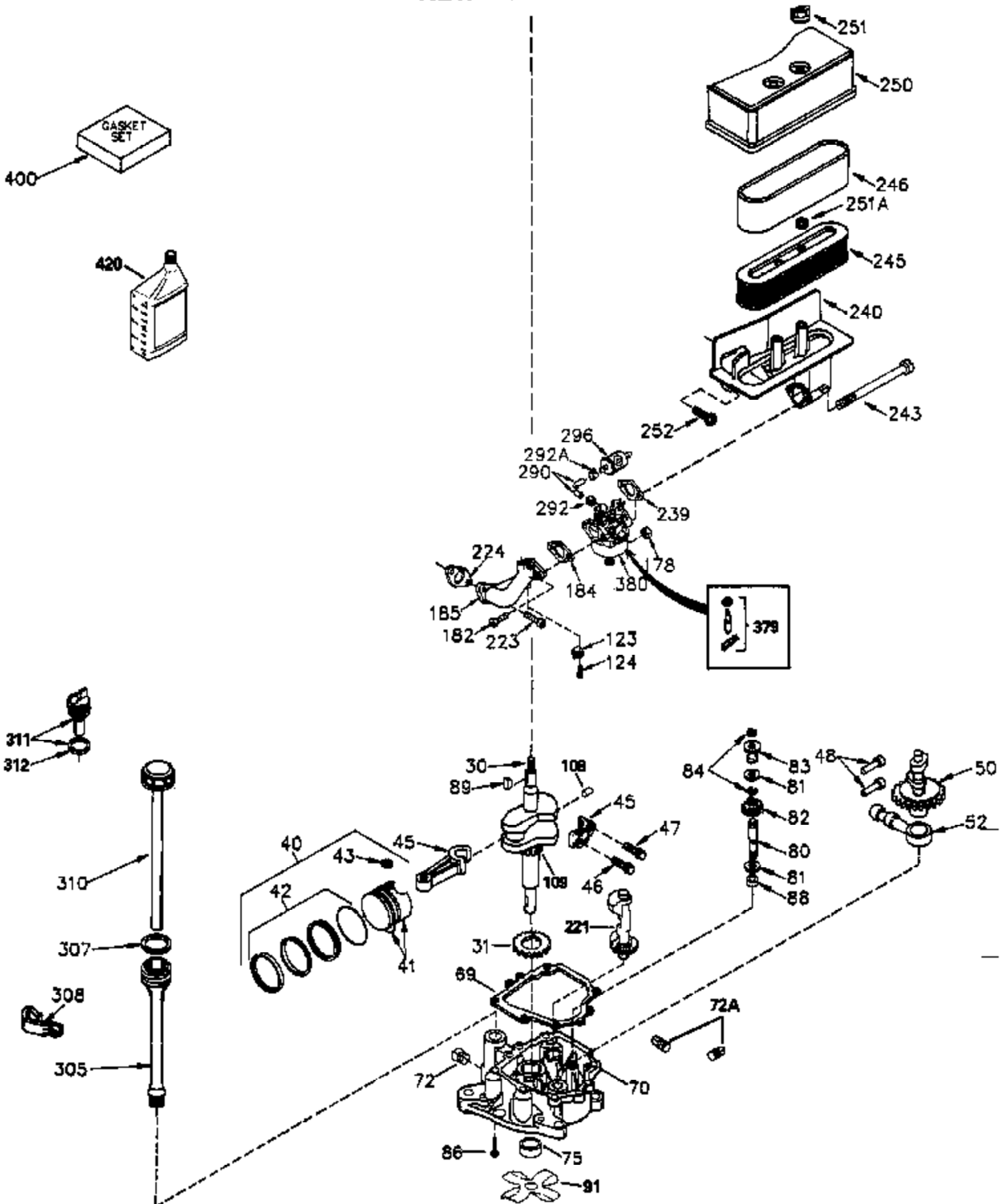
Ref #	Part Number	Qty	Description
	1 35421		Cylinder (Incl. 2 & 20) (3-5/16" Bore)
	2 27652		Dowel Pin
	14 28277		Washer
	15 35082		Governor Rod
	16 32651		Governor Lever
	17 31335		Governor Lever Clamp
	18 650548		Screw, 8-32 x 5/16"
	19A 35203		Extension Spring
	20 35319		Oil Seal
	26 650561		Screw, 1/4-20 x 5/8"
	51 35315A		Counterbalance Weight
	60 33273A		Blower Housing Extension
	64 30063		Screw, Torx T-30, 1/4-20 x 1/2"
	65 650128		Screw, 10-24 x 1/2"
	90 611094		Flywheel (7 amp w/ring gear)
	92 650880		Lock Washer
	93 650881		Flywheel Nut, 5/8-18
	100 35135		Solid State Ignition
	101 610118		Spark Plug Cover (use as required)
	102 650872		Solid State Mounting Stud
	103 650814		Screw, Torx T-15, 10-24 x 1"
	119 34923A		* Cylinder Head Gasket
	120 34030A		Cylinder Head
	125 27878A		Exhaust Valve (Std.) (Incl. 151)
	126 34035		Intake Valve (Std.) (Incl. 151)
	127 650691		Washer (Do not use with 6021A screw)
	128 650690		Belleville Washer
	130 650694A		Screw, 5/16-18 x 2"
	131 6021A		Screw, 5/16-18 x 1-1/2" (Do not use w /650691)
	135 33636		Resistor Spark Plug (RJ17LM)
	149 27882		Valve Spring Cap (Exhaust)
	149A 35862		Valve Spring Cap
	150 27881		Valve Spring
	151 32581		Valve Spring Keeper
	169 27896A		* Valve Cover Gasket
	170 28423		Breather Body
	171 28424		Breather Element
	172 28425		Valve Cover
	173 35350		Breather Tube
	174 650128		Screw, 10-24 x 1/2"
	186 33860		Governor Link
	200 35201		Control Bracket
	202 33802		Compression Spring
	205 650777		Screw, 6-32 x 21/32"
	209 30200		Screw, 10-24 x 9/16"
	210 27793		Conduit Clip
	211 28942		Screw, 10-32 x 3/8"
	238 650834		Screw, 10-32 x 1-17/32"
	245A 35404		Air Cleaner Filter
	260 34094B		Blower Housing (For electric starter) NOTE: Replacement hardware may differ when servicing starter assy. or blower housing. Refer to Service Bulletin 508.
	261 650788		Screw, 5/16-18 x 3/4"
	262 29747B		Screw, Torx T-40, 5/16-24 x 21/32"
	264A 650738		Screw, 1/4-20 x 5/8"
	264 650802		Screw, 1/4-20 x 5/8"
	265 33272B		Cylinder Head Cover

Engine Parts List #1

Ref #	Part Number	Qty	Description
	275 33280A		Muffler
	276 31588		Locking Plate
	277 650729		Screw, 5/16-18 x 3-3/16"
	286 35792		Debris Screen
	287 29752		Nut & Lock Washer, 1/4-28
	290 29774		Fuel Line (braided 8-1/4") (21 cm)
	298 28763		Screw, 10-32 x 35/64"
	300 33583B		Fuel Tank (Incl. 292, 298 & 301)
308A	33997		Fill Tube Clip
	314 650873		Screw, 1/4-20 x 3/4"
	322 610921		Connector Body
	325 29443		Wire Clip
	327 34113		Starter Plug
	361 30063		Screw, Torx T-30, 1/4-20 x 1/2"
	370 34346		Instruction Decal
370A	34686		Name Decal
	398 590685		Rewind Starter & Cup Ass'y. (This assembly replaces 590633 starter. This assembly consists of a 590671 rewind starter and a 35965A starter cup.)

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

VIEW 2 of 4

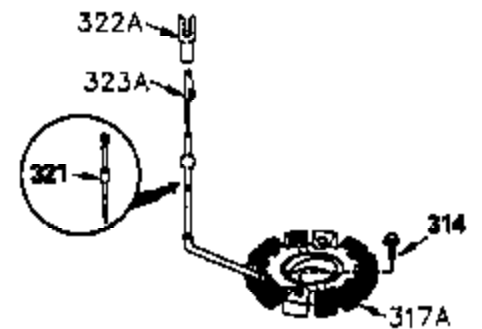
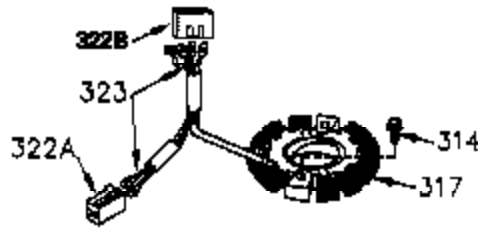
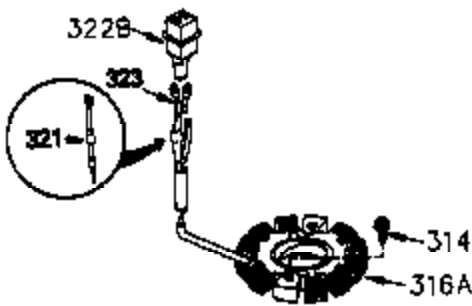
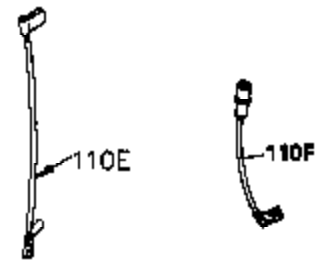
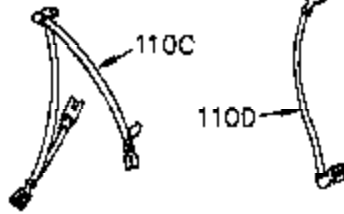
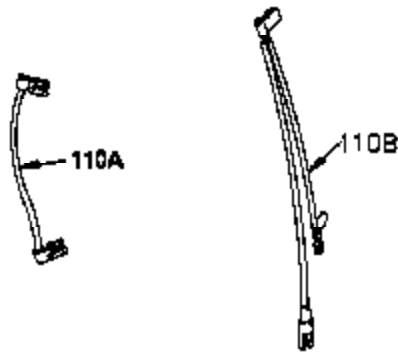
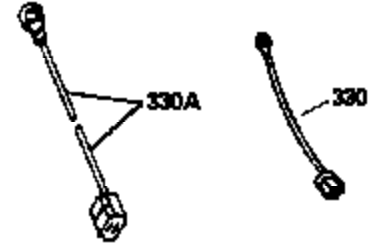
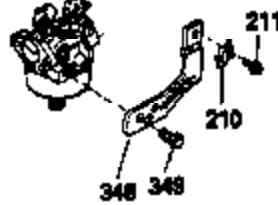
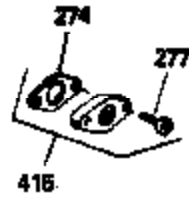
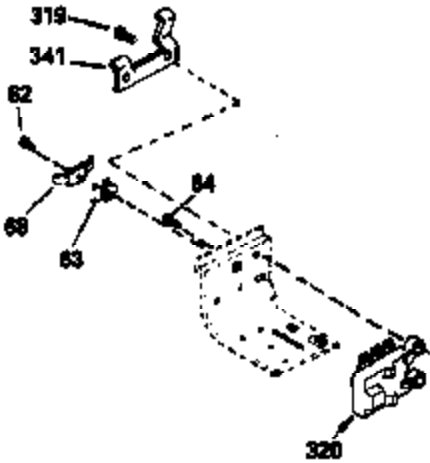


Ref #	Part Number	Qty	Description
30	35422A		Crankshaft
40	34860A		Piston, Pin & Ring Set (Std.) (3-5/16 ")
40	34861A		Piston, Pin & Ring Set (.010" OS)
40	34862A		Piston, Pin & Ring Set (.020" OS)
41	34863		Piston & Pin Ass'y. (Std.) (Incl. 43)
41	34864		Piston & Pin Ass'y. (.010" OS) (Incl. 43)
41	34865		Piston & Pin Ass'y. (.020" OS) (Incl. 43)
42	34866A		Ring Set (Std.) (3-5/16")
42	34867A		Ring Set (.010" OS)
42	34868A		Ring Set (.020" OS)
43	27888		Piston Pin Retaining Ring
45	35373A		Connecting Rod (Incl. 46 & 47)
46	650908		Connecting Rod Bolt
47	650882		Connecting Rod Bolt
48	34034		Valve Lifter
50	35381		Camshaft (MCR)
51	35315A		Counterbalance Weight
52	31356		Oil Pump
69	35317		* Mounting Flange Gasket
70	35318A		Mounting Flange (Incl. 72, 75, 80 & 8 1)
72	31927		Oil Drain Plug
75	35319		Oil Seal
80	30668		Governor Shaft
81	30590A		Washer
82	35378		Governor Gear (Incl. 81)
83	30588A		Governor Spool
84	29193		Retaining Ring
86	650833		Screw, 1/4-20 x 1-3/16"
88	31707A		Spacer (Incl. 81)
89	32589		Flywheel Key
123	33261		Intake pipe Brace
124	650738		Screw, 1/4-20 x 5/8"
178	29752		Nut & Lock Washer, 1/4-28
182	30088A		Screw, 1/4-28 x 1"
184	33263		* Carburetor To Intake Pipe Gasket
185	34926		Intake Pipe
223	650378		Screw, Torx T-30, 5/16-18 x 1-1/8"
224	27915A		* Intake Pipe Gasket
238	650834		Screw, 10-32 x 1-17/32"
239	33629		* Carburetor Gasket
240	35538B		Air Cleaner Body (Incl. 239)
245A	35404		Air Cleaner Filter
245	35403		Air Cleaner Filter (Incl. 251)
250	35405		Air Cleaner Cover
251	650886		Wing Nut, 1/4-20
251A	650825		Nut & Lock Washer, 1/4-20
252	650887		Screw, 1/4-20 x 1"
290	29774		Fuel Line (braided 8-1/4") (21 cm)
296	34279B		Fuel Filter (Incl. 292)
305	35574		Oil Tube
307	35499		"O" Ring
308	35437		Fill Tube Clip
310	35576		Dipstick
379	631021		Inlet Needle, Seat & Clip Ass'y.
380	632241		Carburetor (Incl. 184) (Refer to Division 5, Section A, page A4-2 for breakdown or Fiche 10B, Grid E-5)

Ref #	Part Number	Qty	Description
398	590685		Rewind Starter & Cup Ass'y. (This assembly replaces 590633 starter. This assembly consists of a 590671 rewind starter and a 35965A starter cup.)
400	33279G		* Gasket Set (Incl. items marked *)
420	730225		SAE 30 4-Cycle Engine Oil (Quart)

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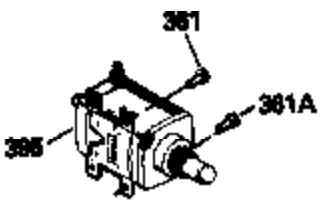
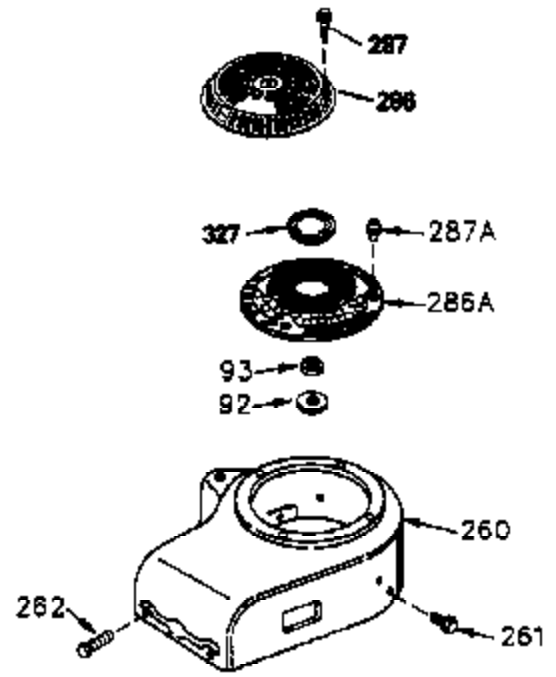
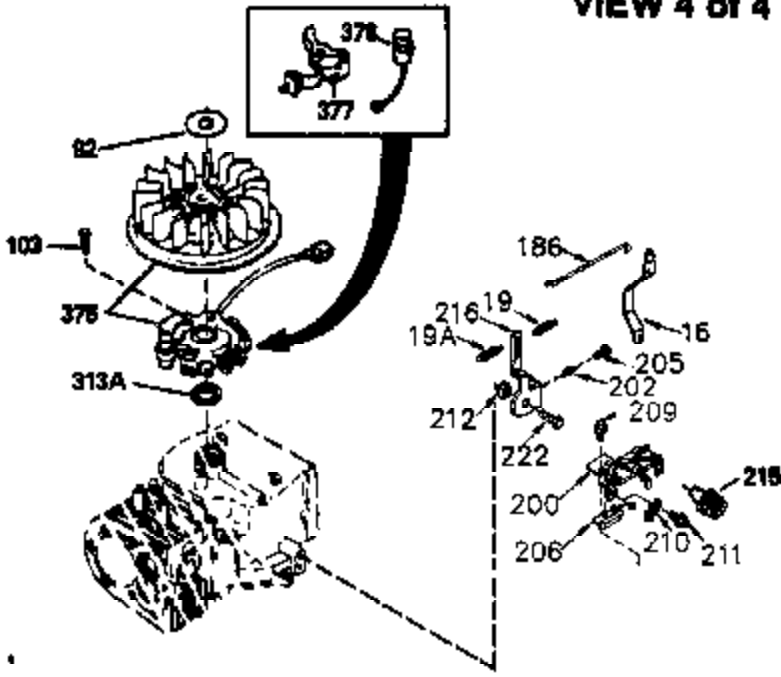


Ref #	Part Number	Qty	Description
25A	35424		Blower Housing Baffle (Incl. 325)
51	35315A		Counterbalance Weight
64	30063		Screw, Torx T-30, 1/4-20 x 1/2"
210	27793		Conduit Clip
211	28942		Screw, 10-32 x 3/8"
238	650834		Screw, 10-32 x 1-17/32"
245A	35404		Air Cleaner Filter
274	35865		Exhaust Gasket (use as required)
277	650729		Screw, 5/16-18 x 3-3/16"
314	650873		Screw, 1/4-20 x 3/4"
319	650874		Screw, 10-32 x 15/32"
320	611098A		Regulator (7 Amp D.C.)
398	590685		Rewind Starter & Cup Ass'y. (This assembly replaces 590633 starter. This assembly consists of a 590671 rewind starter and a 35965A starter cup.)
415	730130		Exh.Adapter Kit(Incl.274 & 277)(As Re q.)

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STANDARD POINT IGNITION

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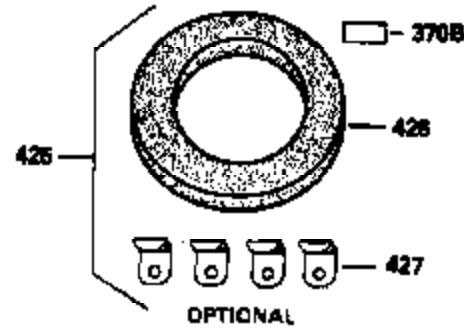
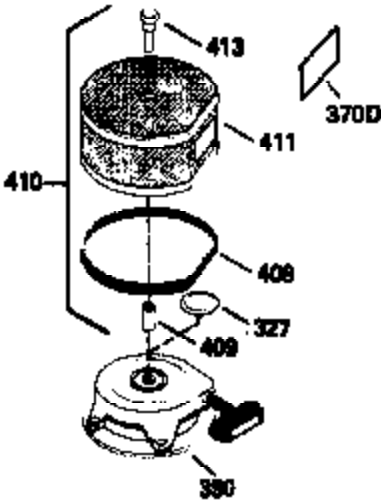
MUFFLER (QUIET) (OPTIONAL)



OPTIONAL SPARK ARRESTOR



DEBRIS SCREEN KIT (OPTIONAL)



Ref #	Part Number	Qty	Description
	16 32651		Governor Lever
	19A 35203		Extension Spring
	19 34043		Extension Spring
	51 35315A		Counterbalance Weight
	92 650880		Lock Washer
	93 650881		Flywheel Nut, 5/8-18
	103 650814		Screw, Torx T-15, 10-24 x 1"
	186 33860		Governor Link
	200 35201		Control Bracket
	202 33802		Compression Spring
	205 650777		Screw, 6-32 x 21/32"
	209 30200		Screw, 10-24 x 9/16"
	210 27793		Conduit Clip
	211 28942		Screw, 10-32 x 3/8"
	212 35550		Bushing
	216 35202A		R.P.M. Adj.Lever (Incl.19,19A,212,222 ,239)
	222 30312		Screw, 10-32 x 1/2"
	238 650834		Screw, 10-32 x 1-17/32"
	245A 35404		Air Cleaner Filter
	260 34094B		Blower Housing (For electric starter) NOTE: Replacement hardware may differ when servicing starter assy. or blower housing. Refer to Service Bulletin 508.
	261 650788		Screw, 5/16-18 x 3/4"
	262 29747B		Screw, Torx T-40, 5/16-24 x 21/32"
	275C 35824		Muffler (quiet) (optional)
	277 650729		Screw, 5/16-18 x 3-3/16"
	286 35792		Debris Screen
	287 29752		Nut & Lock Washer, 1/4-28
	327 34113		Starter Plug
	361 30063		Screw, Torx T-30, 1/4-20 x 1/2"
	395 35763		Starter Motor (12 Volt) NOTE: Engine requires a ringgear flywheel (611091 minimum) and the cylinder must have drilled and tapped starter mounting bosses to add the electric starter. (Refer to Division 5, Section D, page 20 for breakdown or Fiche 10B, Grid G-3)
	398 590685		Rewind Starter & Cup Ass'y. (This assembly replaces 590633 starter. This assembly consists of a 590671 rewind starter and a 35965A starter cup.)
	408 35570		Screen Seal (Optional)
	409 35569		Spacer (Optional)
	410 730573		Opt.Screen Kit (Incl.370D,408,409,411 ,413)
	411 35568		Debris Screen (Optional)
	413 650907		Screw, 5/16-18 x 1-5/8" (Optional)
	416 34479A		Spark Arrestor Kit
	425 730572		Starter Muff Kit (Incl.370,426,427)(O pt.)
	426 34687		Starter Air Cleaner (Optional)
	427 34869		Starter Air Cleaner Bracket (Optional)