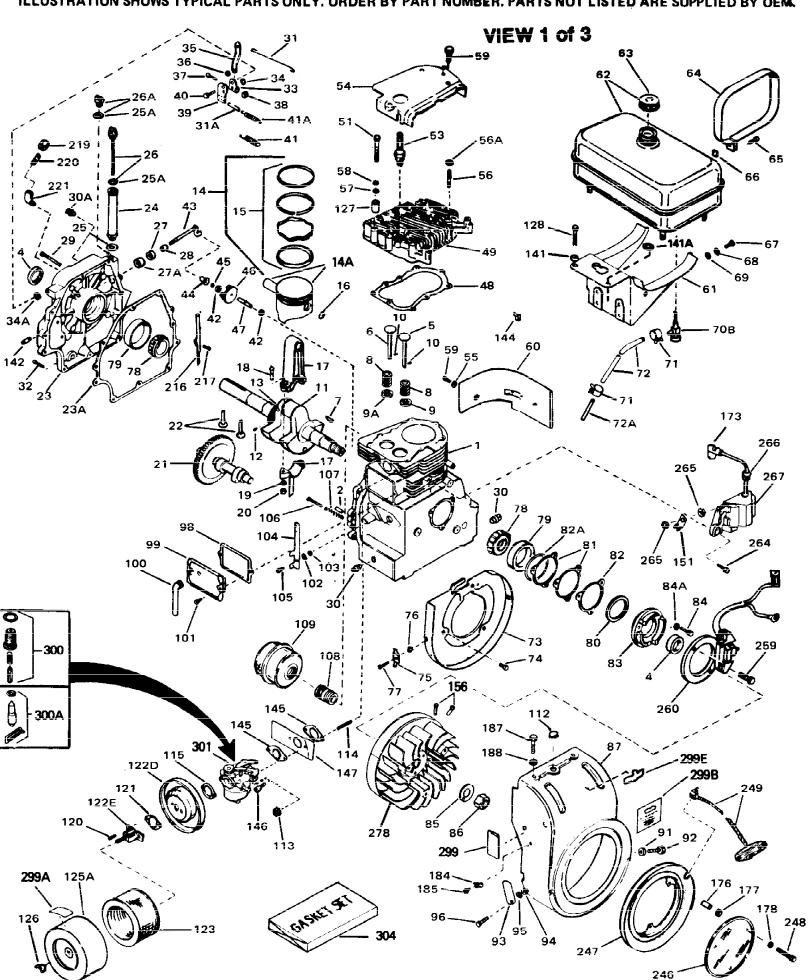
ILLUSTRATION SHOWS TYPICAL PARTS ONLY. ORDER BY PART NUMBER. PARTS NOT LISTED ARE SUPPLIED BY OEM.



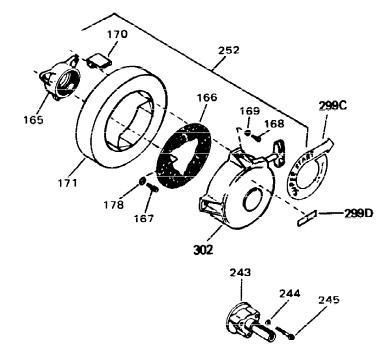
Ref #	Part Number	Qty	Description
1	33039		Cylinder (Incl.2,4,30,47,119) (3-5/16 ")
2	27652		Pin, Dowel
4	31950		Seal, Oil
5	31940		Intake Valve (Std.)
5	31941		Intake Valve (1/32" OS) (Incl. 9)
6	31942		Exhaust Valve (Std.)
6	31943		Exhaust Valve (1/32" OS) (Incl. 9)
	650592		Key, Flywheel \(\)
8	31944		Spring, Valve
	31946		Cap, Lower valve spring (1/32" OS)
	31945		Cap, Lower valve spring (Std.)
	31945		Cap, Lower valve spring (Std.)
	31946		Cap, Lower valve spring (1/32" OS)
	20810		Pin, Valve spring retainer
	33391B		Crankshaft (Incl. 12, 13, 78 & 79)
	29783		Pin, Crankshaft gear
	31931		Gear, Crankshaft
	34508		Piston, Pin & Ring Set (Std.) (3-5/16 " Bore)
	34509		Piston, Pin & Ring Set (.010" OS)
	34510		Piston, Pin & Ring Set (.020" OS)
	34850		Piston, Pin & Ring Set (.030" OS)
	34523		Piston, Pin & Ring Set (.040" OS)
	32620B		Piston & Pin Ass'y. (.040" OS) (Incl. 16)
	32001C		Piston & Pin Ass'y. (Std.)(Incl.16)(3 -5/16")
	32002B		Piston & Pin Ass'y. (.010" OS) (Incl. 16)
	32003B		Piston & Pin Ass'y. (.020" OS) (Incl. 16)
	32619B		Piston & Pin Ass'y. (.030" OS) (Incl. 16)
	32004		Ring Set (Std.) (3-5/16" Bore)
	32005		Ring Set (.010" OS)
	32006		Ring Set (.020" OS)
	32623		Ring Set (.030" OS)
	32624		Ring Set (.040" OS)
	32321		Re-Ringing Set, Piston
	31919		Ring, Piston pin retaining
	33093A		Connecting Rod Ass'y.(Std.)(Incl.18, 19 & 20)
	34383		Connecting Rod Assy.(.010" US)(Incl.1 8,19,20)
	34384		Connecting Rod Assy.(.020" US)(Incl.1 8,19,20)
	32077		Bolt, Connecting rod
	26073		Washer, Connecting rod
	28264		Nut Assy., Lock
	32150		Camshaft (MCR)
	31939		Lifter, Valve
	31956A		* Gasket, Cylinder cover
	32580A		Cover, Cylinder (Incl. 4, 28, 30, 34, & 43)
	33893A		Oil Fill Tube
	33590		"O" Ring
	35499		"O" Ring
	33984A		Dipstick (Incl. 25A)
	32426		Spacer, Governor rod
	650588		Screw, 1/4-20 x 2"
	31968		Link, Governor
	650451		Screw, 1/4-20 x 1"
	31964		Clamp, Governor lever
	29193		Ring, Retaining
			<u> </u>
35	31963		Lever, Governor adjusting

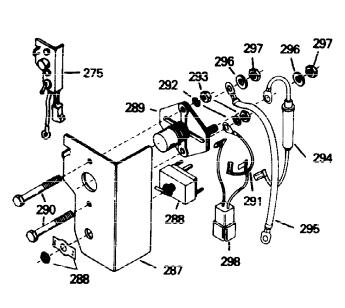
Ref #	Part Number C	Qty	Description
36	650518		Lockwasher
37	650544		Screw, 10-24 x 7/8"
38	7975		Nut, 10-24
	31965		Plate, Governor spring
	30312		Screw, 10-32 x 1/2"
	31967		Spring, Governor
	30590A		Washer, Flat
	32425		Rod Assy., Governor
	31948		Spool, Governor
	29193		Ring, Retaining
	31947		Gear Assy., Governor
	31930		Shaft, Mechanical Governor
	32000A		* Gasket, Cylinder head
	33034		Head, Cylinder
	650694A		Screw, 5/16-18 x 2" (Use as required)
	650711		Screw, 5/16-18 x 1-5/8" (Use as required)
	650628A		Screw, 5/16-18 x 2-3/8" (Use as required)
	650695A		Screw, 5/16-18 x 2-1/4" (Use as requi red)
	650714		Screw, 5/16-18 x 1-5/8" (Use as requi red)
	650697A		Screw, 5/16-18 x 2-1/2" (Use as requi red)
	650692		Screw, 5/16-18 x 1-3/4" (Use as required)
	650603		Screw, 5/16-18 x 5/8" (Use as require d)
	33636		Resistor Spark Plug (RJ-8C)
	34251		Resistor Spark Plug (RJ-17LM)
	33035		Cover, Cylinder head
55	28537		Washer, Plain
57	650691		Washer, Flat (Use as required)
58	650690		Washer, Belleville (Use as required)
58	8274		Washer, Lock (Use as required)
59	650128		Screw, 10-24 x 1/2"
60	31976		Extension, Blower housing
63	410144B		Fuel Cap (White Plastic)(Std.)(As req uired)
63	34210		Fuel Cap (Red Plastic) (Spurt resistant, High profile)
			(Use as required)
67	650517		Sarow 1/4 20 x 27/22" (Heap as required)
	650561		Screw, 1/4-20 x 27/32" (Use as requir ed) Screw, 1/4-20 x 5/8" (Use as required)
	30063		Screw, 1/4-20 x 1/2" (Use as required)
	792028		,
			Screw, 5/16-18 x 7/8" (Use as required)
	26460		Clamp, Fuel line (Use as required)
	29774		Fuel Line (Braided) (8.25") (Use as required)
	30705		Fuel Line (Braided) (16") (Use as req uired)
	30962		Fuel Line (Braided) (32") (Use as required)
	30965		Fuel Line (Braided) (48") (Use as req uired)
	31975		Baffle, Blower housing
	650561		Screw, 1/4-20 x 5/8"
	28545		Grommet, Plastic
	650760		Screw, 8-32 x 3/8"
	31932		Bearing, Tapered roller
79	31928		Cup, Bearing

Pof #	Part Number	Otv	Description
	32031	Qiy	Spacer, Steel (.010" thick) NOTE: Determine the gap between the cover and the machined surface on the cylinder which can be from .001"up to .007" in which case no shim gaskets will be required. Use of gasket must be limited to a combined total of .010" thick. Steel spacersmust be used as required
81	31971		* Gasket, Shim (.004/.005 thick) NOTE: Determine the gap between the cover and the machined surface on the cylinder which can be from .001"up to .007" in which case no shim gaskets will be required. Use of gasket must be limited to a combined total of .010" thick. Steel spacersmust be used as req
82	31972		* Gasket, Shim (.005/.007 thick) NOTE: Determine the gap between the cover and the machined surface on the cylinder which can be from .001"up to .007" in which case no shim gaskets will be required. Use of gasket must be limited to a combined total of .010" thick. Steel spacersmust be used as req
	32599 32677		"O" Ring Cover, Cylinder NOTE: Determine the gap between the cover and the machined surface on the cylinder which can be from .001"up to .007" in which case no shim gaskets will be required. Use of gasket must be limited to a combined total of .010" thick. Steel spacersmust be used as required to eliminat
84 85 86 87 91 92 95 96 98 99 100 101 102 103 104 105 106 107 108 109 112 115 120 121	650679 650668 650594 33041 8274 650595 8274 650624 31958 31957 35350 650128 28558 31966 31984A 650597 650591 33099 32042 34238 33038 27272 650399 30767 32380		Lockwasher, 5/16" (Use as required) Screw, 10-32 x 1" Washer, Lock Nut, Flywheel, 3/4-16 Blower Housing Washer, Lock Screw, 5/16-24 x 3/8" Washer, Lock Screw, 5/16-24 x 9/16" * Gasket, Breather Breather Assy. Tube, Breather Screw, 10-24 x 1/2" Washer, Wave Bushing, Control lever Lever, Control Screw, 10-24 x 5/8" Screw, 10-24 x 2" Spring Nipple, Exhaust pipe Muffler Plug, Button (Use as required) * Gasket, Air cleaner Screw, 10-32 x 5/8" Spacer, Air cleaner Bracket, Air cleaner
122E	32377 31925		Bracket, Air cleaner Element, Air cleaner

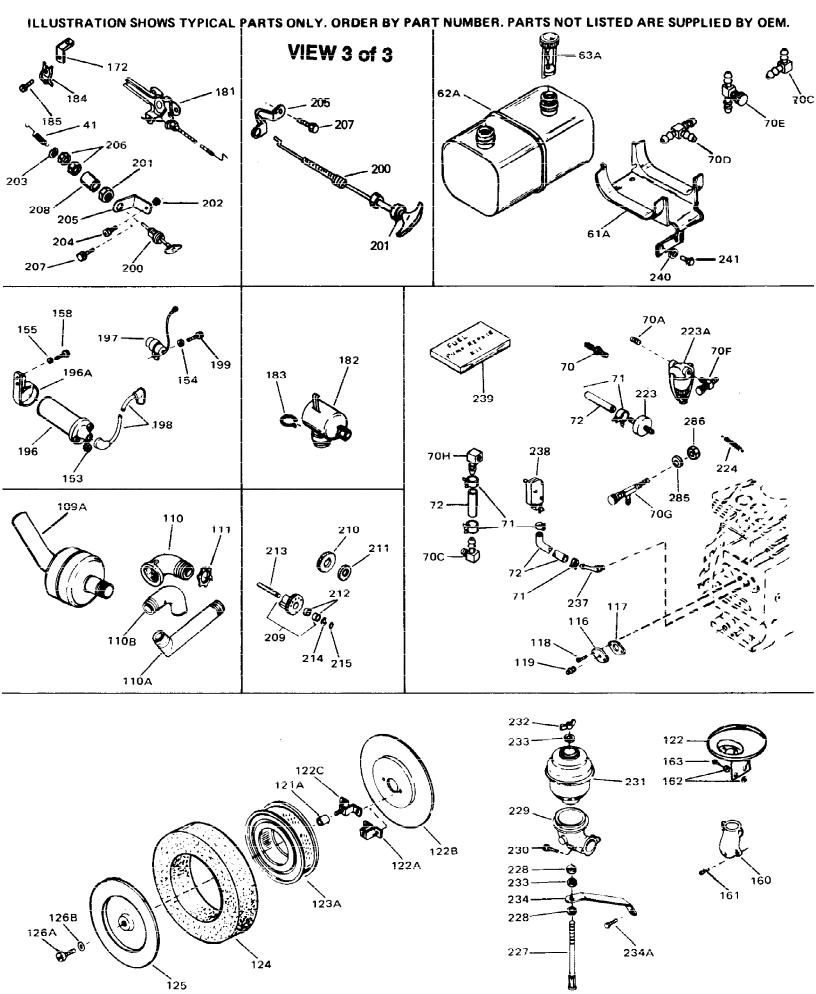
		Qty	Description
125A	31926		Cover, Air cleaner
126	650513		Nut, Wing
128	650713		Screw, 5/16-18 x 5/8" (Use as require d)
128	650429		Screw, 5/16-18 x 3/4" (Use as require d)
128	792028		Screw, 5/16-18 x 7/8" (Use as require d)
141A	8274		Lockwasher, Split (Use as required)
141	26073		Washer, Flat (Use as required)
145	33263		* Gasket, Carburetor
146	650451		Screw, 1/4-20 x 1"
147	34061		Baffle, Air
156	730201		Trigger Pin Kit (Use as required)
173	610118		Cover, Spark plug (Use as required)
176	31992		Spacer, Screen
177	8345		Washer, 1/4 plain (Use as required)
178	27070		Washer, Lock 1/4 E.T. (Use as require d)
178	650675		Washer, Flat 1/4 (Use as required)
184	27793		Clip, Conduit
185	28942		Screw, 10-32 x 3/8"
219	32154		Cap, Pipe
220	32673		Nipple, Pipe
246	33776		Screen, Starter pulley
247	31980		Pulley, Starter
248	650680		Screw, 1/4-20 x 1-1/2"
249	32046		Rope Assy., Starter (Use as required)
266	610750		Grommet, Lead wire
278	610758		Flywheel
299B	32730		Decal, Craftsman
299	34346		Decal, Instruction
299A	31752		Decal, Air cleaner
300A	631725		Inlet Needle, Seat & Clip Assy.
301	631891		Carburetor (Incl. 145) (Refer to Division 5, Section A, page 134 for breakdown)
304	33237A		* Gasket Set (Incl. items marked *)

This illustration may not depict actual equipment and is for reference only! **VIEW 2 of 3** 132 133 175 135 129 262 268 257A 270A 260A 255 235





Ref #	Part Number	Qty	Description
174	31755		Bracket, Guard
175	28942		Screw, 10-32 x 3/8"
178	27070		Washer, Lock 1/4 E.T. (Use as require d)
178	650675		Washer, Flat 1/4 (Use as required)
180	650701		Screw, 8-18 x 7/16" (Use as required)
222	792028		Screw, 5/16-18 x 7/8" (Use w/32817 st r.motor)
222	650781		Screw,5/16-18 x 11/16"(Use w/33835 st r.motor)
235	34276		Plate, Cover (Use as required to cover regulator mounting hole in blower housing)
			3
	650736		Screw, 10-16 x 3/8" (Use as required)
252	730134		Rewind Starter Kit (Incl. 165, 166, 167, 168, 169 & 291) (Use as required)
253	33018		Harness Assy., Adapter (Use as requir ed)
257B	610824		Flat Connector (Female terminals) (As req.)
260A	610759		Solid State Magneto
261	650489		Screw, 1/4-20 x 5/8"
261A	650669		Screw, 5/16-18 x 1-1/4"
262	610760		Solid State Transformer Ass'y.(Incl.1 73,266)
263	650561		Screw, 1/4-20 x 5/8"
266	610750		Grommet, Lead wire
275	730198		Starter Switch Kit(Incl. 287-298) (As req.)
277	30831		Ground Wire (Incl. 75)



Ref #	Part Number	Qty	Description
41	31967		Spring, Governor
70G	32961		Valve, Fuel shut-off
71	26460		Clamp, Fuel line (Use as required)
72	29774		Fuel Line (Braided) (8.25") (Use as r equired)
72	30705		Fuel Line (Braided) (16") (Use as req uired)
72	30962		Fuel Line (Braided) (32") (Use as req uired)
72	30965		Fuel Line (Braided) (48") (Use as req uired)
111	650590		Nut, Conduit
119	28534		Pipe Plug, 1/8-27 (Use as required)
119	9556		Plug, Pipe, 1/8-27 (Use as required)
160	32920		Elbow, Air cleaner
161	650416		Screw, 10-32 x 1" (two required)
172	31990		Bracket, Choke control
184	27793		Clip, Conduit
185	28942		Screw, 10-32 x 3/8"
223	34279A		Filter Assy., Fuel
237	32958		Fitting, Fuel
238	32959		Fuel Pump, Impulse
239	33010		Repair Kit, Impulse fuel pump
285	32960		Washer, Lock
286	650849		Nut, Hex jam, 3/8-24