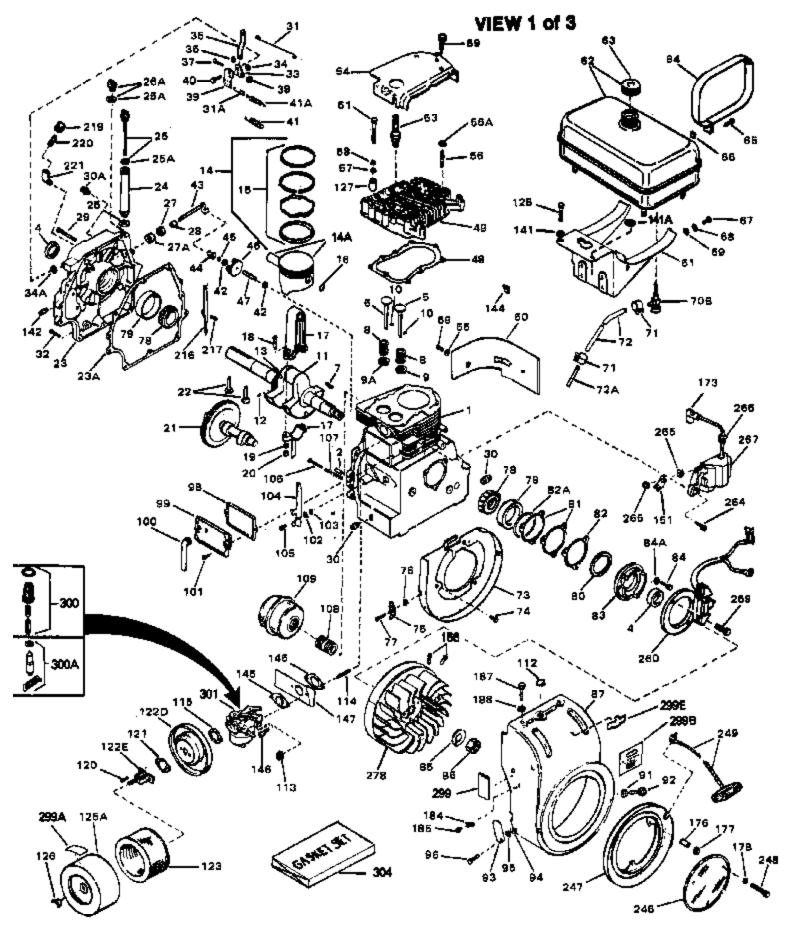
ILLUSTRATION SHOWS TYPICAL PARTS ONLY, ORDER BY PART NUMBER, PARTS NOT LISTED ARE SUPPLIED BY DEM.

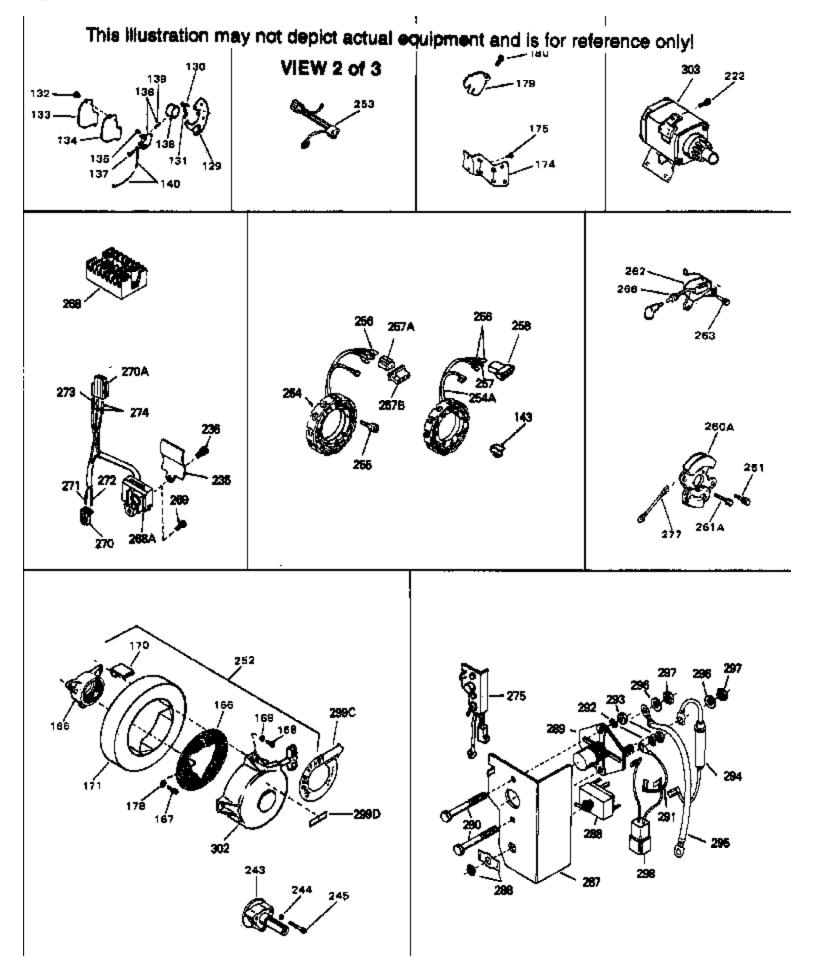


Ref #	Part Number G	ty Description
	33042	Cylinder (Incl. 2, 4, 30 & 47) (3-1/2 " Bore)
	27652	Pin, Dowel
4	31950	Seal, Oil
5	31940	Intake Valve (Std.)
5	31941	Intake Valve (1/32" OS) (Incl. 9)
6	31942	Exhaust Valve (Std.)
6	31943	Exhaust Valve (1/32" OS) (Incl. 9)
7	650592	Key, Flywheel
8	31944	Spring, Valve
9A	31945	Cap, Lower valve spring (Std.)
9A	31946	Cap, Lower valve spring (1/32" OS)
	31946	Cap, Lower valve spring (1/32" OS)
	31945	Cap, Lower valve spring (Std.)
	20810	Pin, Valve spring retainer
	32291B	Crankshaft (Incl. 12, 13, 17, 78 & 79)
	29783	Pin, Crankshaft gear
	31931	Gear, Crankshaft
	34511	Piston, Pin & Ring Set (Std.) (3-1/2" Bore)
	34512	Piston, Pin & Ring Set (.010" OS)
	34513	Piston, Pin & Ring Set (.020" OS)
	34524	Piston, Pin & Ring Set (.030" OS)
	34525	Piston, Pin & Ring Set (.040" OS)
	32238B	Piston & Pin Ass'y. (Std.)(Incl.16)(3 -1/2")
	32239B 32240B	Piston & Pin Ass'y. (.010" OS) (Incl. 16)
	32240B 32621B	Piston & Pin Ass'y. (.020" OS) (Incl. 16)
	32622B	Piston & Pin Ass'y. (.030" OS) (Incl. 16) Piston & Pin Ass'y. (.040" OS) (Incl. 16)
	32241	Ring Set (Std.) (3-1/2" Bore)
	32242	Ring Set (.010" OS)
	32243	Ring Set (.020" OS)
	32625	Ring Set (.030" OS)
	32626	Ring Set (.040" OS)
	32336	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
19	26073	Washer, Connecting rod
20	28264	Nut Assy., Lock
21	32150	Camshaft (MCR)
22	31939	Lifter, Valve
	32580A	Cover, Cylinder (Incl. 4, 28, 30, 34, & 43)
	31956A	* Gasket, Cylinder cover
	31985	Oil Fill Tube
	29673	* Gasket, Oil fill tube
	29673	* Gasket, Oil fill
	33070	Dipstick (Incl. 25A)
	32426	Spacer, Governor rod
	650588	Screw, 1/4-20 x 2"
	31927	Oil Drain Plug
	31968	Link, Governor
	650451	Screw, 1/4-20 x 1"
	31964	Clamp, Governor lever
	29193	Ring, Retaining
	31963	Lever, Governor adjusting
	650518 650544	Lockwasher Scrow 10.24 x 7/8"
51	650544	Screw, 10-24 x 7/8"

	Part Number	Qty	
	7975		Nut, 10-24
39	31965		Plate, Governor spring
40	30312		Screw, 10-32 x 1/2"
	31967		Spring, Governor
	30590A		Washer, Flat
	32425		Rod Assy., Governor
44	31948		Spool, Governor
45	29193		Ring, Retaining
	31947		Gear Assy., Governor
	31930		Shaft, Mechanical Governor
	32246A		* Gasket, Cylinder head
	33034		Head, Cylinder
51	650694A		Screw, 5/16-18 x 2" (Use as required)
51	650711		Screw, 5/16-18 x 1-5/8" (Use as requi red)
	650628A		Screw, 5/16-18 x 2-3/8" (Use as required)
	650695A		Screw, 5/16-18 x 2-1/4" (Use as required)
	650714		Screw, 5/16-18 x 1-5/8" (Use as required)
	650697A		Screw, 5/16-18 x 2-1/2" (Use as requi red)
51	650692		Screw, 5/16-18 x 1-3/4" (Use as requi red)
51	650603		Screw, 5/16-18 x 5/8" (Use as require d)
53	33636		Resistor Spark Plug (RJ-8C)
	34251		Resistor Spark Plug (RJ-17LM)
	33035		Cover, Cylinder head
	28537		Washer, Plain
57	650691		Washer, Flat (Use as required)
58	650690		Washer, Belleville (Use as required)
	8274		Washer, Lock (Use as required)
	650128		Screw, 10-24 x 1/2"
	31976		Extension, Blower housing
	31978		Bracket, Fuel tank
63	410144B		Fuel Cap (White Plastic)(Std.)(As req uired)
63	34210		Fuel Cap (Red Plastic) (Spurt resistant, High profile) (Use as
			required)
64	31979		Strap, Fuel tank
65	650451		Screw, 1/4-20 x 1"
	650456		Nut, Flange whiz-lock, 1/4-20
	650517		Screw, 1/4-20 x 27/32" (Use as required)
	650561		Screw, 1/4-20 x 5/8" (Use as required)
	30063		Screw, 1/4-20 x 1/2" (Use as required)
67	792028		Screw, 5/16-18 x 7/8" (Use as require d)
	8345		Washer, Flat
	8303		Lockwasher
	26460		Clamp, Fuel line (Use as required)
	29774		Fuel Line (Braided) (8.25") (Use as r equired)
	30705		Fuel Line (Braided) (16") (Use as req uired)
72	30962		Fuel Line (Braided) (32") (Use as req uired)
	30965		Fuel Line (Braided) (48") (Use as req uired)
	32579		Baffle, Blower housing
	650561		Screw, 1/4-20 x 5/8"
	31932		Bearing, Tapered roller
79	31928		Cup, Bearing
	32031		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
			00.040.00

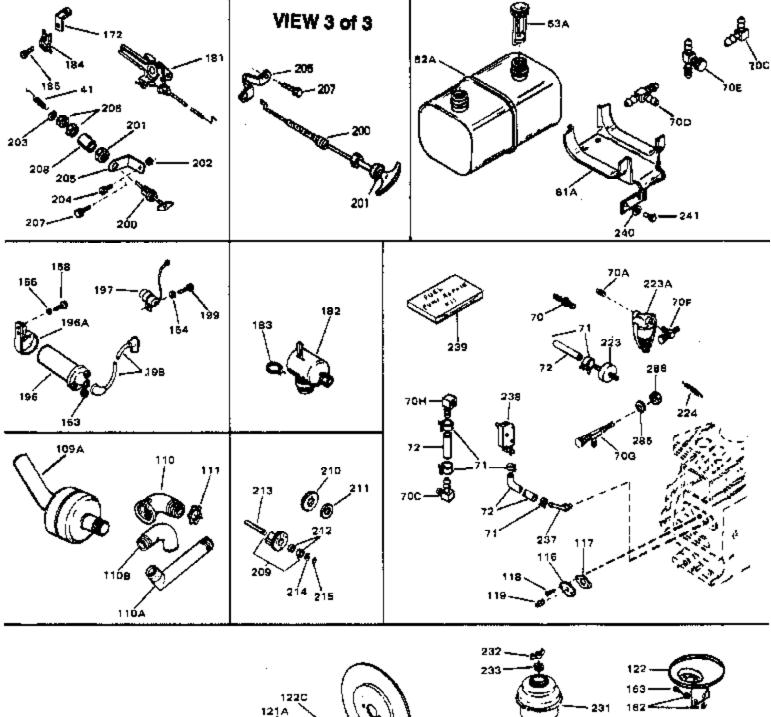
	Part Number	Qty Description
81	31971	* Gasket, Shim (.004/.005 thick) NOTE: Determine the gap between the cover and the machined surface on the cylinder which can be from .001"up to .007" in which case no shim gaskets will be required. Use of gasket must be limited to a combined total of .010" thick. 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 32577	"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
84A 85 86 87 91 92 95 96 98 99 100 101 102 103 104 105 106 107 108 109 112 113 114 115 120 121 122D 125A 128 128 128	792028 650679 650666 650594 33044A 8274 650595 8274 650624 31958 31957 35350 650128 28558 31966 31984A 650597 650591 33099 32042 32043B 33038 29752 650587 27272 650399 30767 32812 32810 650713 650429 792028	Screw, 5/16-18 x 7/8" Lockwasher, 5/16" (Use as required) Washer, Lock Nut, Flywheel, 3/4-16 Blower Hsg. (Incl.73) (For electric s tarter) 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 5/8" Screw, 10-24 x 2" Spring Nipple, Exhaust pipe Muffler Plug, Button (Use as required) Nut & Lockwasher Assy. Stud, Carburetor * Gasket, Air cleaner Screw, 10-32 x 5/8" Spacer, Air cleaner Bracket, Air cleaner Cover, Air cleaner Screw, 5/16-18 x 5/8" (Use as require d) Screw, 5/16-18 x 7/8" (Use as require d) Screw, 5/16-18 x 7/8" (Use as require d)
145 147	8274 26073 31960 31959 33356	Lockwasher, Split (Use as required) Washer, Flat (Use as required) * Gasket, Carburetor Baffle, Air Terminal, Ground

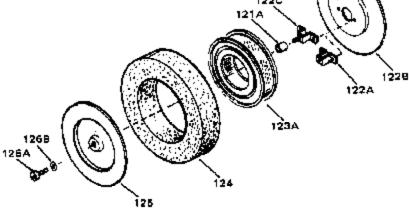
Ref #	Part Number C	ty Description
156	730201	Trigger Pin Kit (Use as required)
173	610118	Cover, Spark plug (Use as required)
176	31992	Spacer, Screen
177	8345	Washer, 1/4 plain (Use as required)
178	27070	Washer, Lock 1/4 E.T. (Use as require d)
178	650675	Washer, Flat 1/4 (Use as required)
184	27793	Clip, Conduit
185	28942	Screw, 10-32 x 3/8"
187	650713	Screw, 5/16-18 x 5/8"
188	26073	Washer, Flat
246	33776	Screen, Starter pulley
247	31980	Pulley, Starter
	650680	Screw, 1/4-20 x 1-1/2"
249	32046	Rope Assy., Starter (Use as required)
	650661	Screw, 1/4-20 x 3/4"
265	610408	Nut, Hex
266	610750	Grommet, Lead wire
267	610748	Solid State Magneto (Incl.151,173,265 ,266)
278	610746	Solid State Flywheel
299B	550223	Decal, Name
	32676	Decal, Solid State
	34346	Decal, Instruction
	31752	Decal, Air cleaner
	32255A	Valve, Seat, Spring & Gasket Assy.
301	631533	Carburetor (Incl. 145) (Refer to Division 5, Section A, page 94 for breakdown)
304	33237A	* Gasket Set (Incl. items marked *)

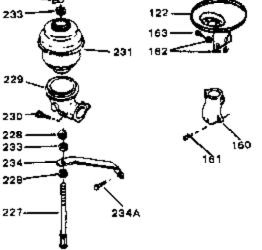


Ref #	Part Number	Qty Description
178	27070	Washer, Lock 1/4 E.T. (Use as require d)
178	650675	Washer, Flat 1/4 (Use as required)
180	650701	Screw, 8-18 x 7/16" (Use as required)
	792028	Screw, 5/16-18 x 7/8" (Use w/32817 st r.motor)
	650781	Screw,5/16-18 x 11/16"(Use w/33835 st r.motor)
235	34276	Plate, Cover (Use as required to cover regulator mounting hole in blower housing)
236	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)
254	610761	Alternator Coil (Solid State) (10 Amp) (Incl. Nos. 253, 256 & 257A)
255	650416	Screw, 10-32 x 1"
	610922	Terminal, Female
257B	610824	Flat Connector (Female terminals) (As req.)
257A	610819	Connector, Pyramid (For female termin als)
	610750	Grommet, Lead wire
	610749	Solid State Regulator (10 Amp)
	730198	Starter Switch Kit(Incl. 287-298) (As req.)
303	33835	Electric Starter Motor (12 Volt) NOTE: The 32817 and 33835 starter motors are used interchangeably on the se models. Refer to service numberstamped on end cap of motor, or on decal for identification. Refer to Division 5, Section D for breakdown.

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







Ref #	Part Number (Qty Description
41	31967	Spring, Governor
70	29634	Fitting, Fuel line
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 required)
72	30962	Fuel Line (Braided) (32") (Use as req uired)
72	30965	Fuel Line (Braided) (48") (Use as req uired)
119	28534	Pipe Plug, 1/8-27 (Use as required)
119	9556	Plug, Pipe, 1/8-27 (Use as required)
122A	32811	Bracket, Air cleaner
123A	32008	Element, Air cleaner
126A	30513	Screw & Lockwasher
172	31990	Bracket, Choke control
184	27793	Clip, Conduit
185	28942	Screw, 10-32 x 3/8"