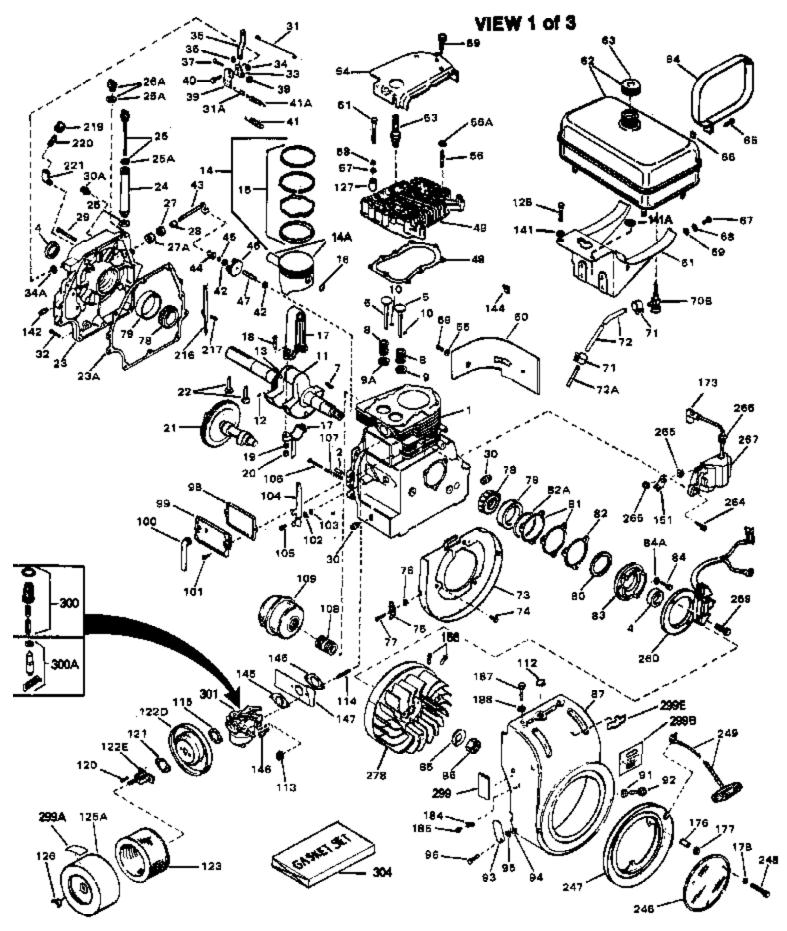
ILLUSTRATION SHOWS TYPICAL PARTS ONLY, ORDER BY PART NUMBER, PARTS NOT LISTED ARE SUPPLIED BY DEM.

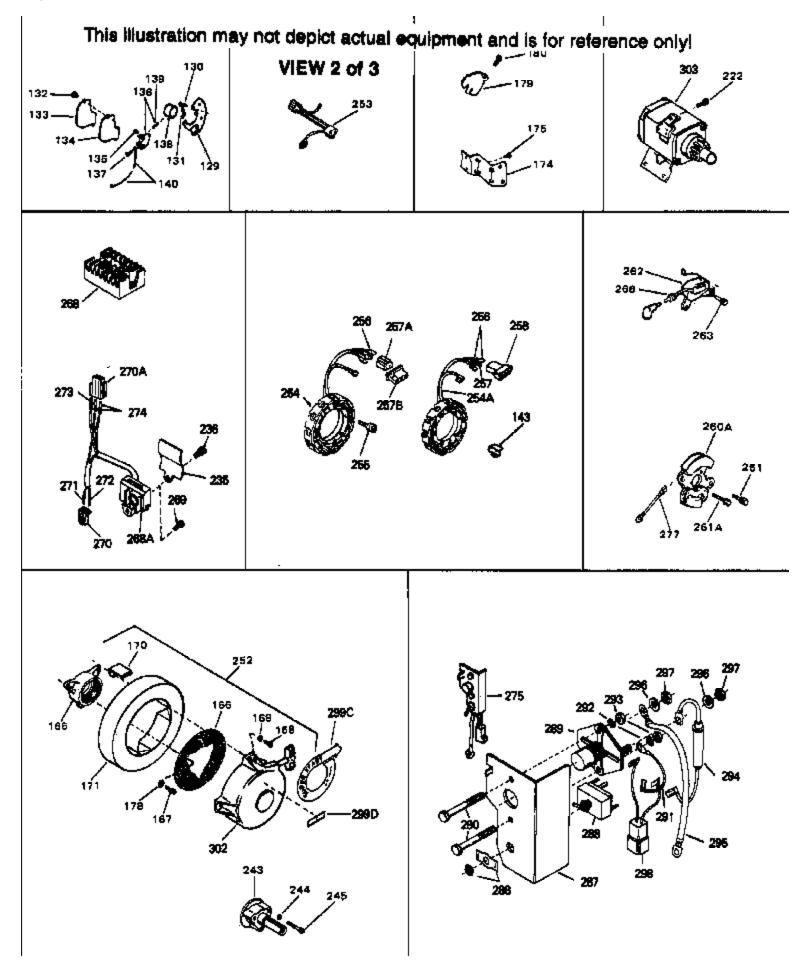


Ref #	Part Number Qt	y Description
	33039	Cylinder (Incl.2,4,30,47,119) (3-5/16 ")
2	27652	Pin, Dowel
4	31950	Seal, Oil
5	31940	Intake Valve (Std.)
	31941	Intake Valve (1/32" OS) (Incl. 9)
	31942	Exhaust Valve (Std.)
	31943	Exhaust Valve (1/32 OS) (Incl. 9)
	650592	Key, Flywheel
	31944	Spring, Valve
	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
	33416A	Crankshaft (Incl. 12, 13, 78 & 79)
	29783	Pin, Crankshaft gear
	31931	Gear, Crankshaft
	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)
	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)
14	32620B	Piston & Pin Ass'y. (.040" OS) (Incl. 16)
15	32004	Ring Set (Std.) (3-5/16" Bore)
15	32005	Ring Set (.010" OS)
15	32006	Ring Set (.020" OS)
15	32623	Ring Set (.030" OS)
15	32624	Ring Set (.040" OS)
15	32321	Re-Ringing Set, Piston
16	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
	32685	Cylinder Cover (Incl.4,25,26A,28,30,3 4 & 43)
	31956A	* Gasket, Cylinder cover
	29673	* Gasket, Oil fill
	33069	Dipstick (Incl. 25A)
	32426	Spacer, Governor rod
	650588	Screw, 1/4-20 x 2"
	31927	Oil Drain Plug
	31968	Link, Governor
	650451 31964	Screw, 1/4-20 x 1"
	31964	Clamp, Governor lever
	29193 31963	Ring, Retaining
	31963 650518	Lever, Governor adjusting
	650518 650544	Lockwasher Scrow 10.24 x 7/8"
	650544 7975	Screw, 10-24 x 7/8" Nut, 10-24
	31965	Plate, Governor spring
	01000	

	30312	Screw, 10-32 x 1/2"
41	31967	Spring, Governor
42	30590A	Washer, Flat
43	32425	Rod Assy., Governor
44	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 requi red)
	650695A	Screw, 5/16-18 x 2-1/4" (Use as requi red)
51	650714	Screw, 5/16-18 x 1-5/8" (Use as required)
51	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 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
	28537	Washer, Plain
	650691	Washer, Flat (Use as required)
	650690	Washer, Belleville (Use as required)
	8274	Washer, Lock (Use as required)
	650128	Screw, 10-24 x 1/2"
60	31976	Extension, Blower housing
61	31978	Bracket, Fuel tank
63	410144B	Fuel Cap (White Plastic)(Std.)(As req uired)
	34210	Fuel Cap (Red Plastic) (Spurt resistant, High profile) (Use as
		required)
	31979	Strap, Fuel tank
	650451	Screw, 1/4-20 x 1"
66	650456	Nut, Flange whiz-lock, 1/4-20
67	650517	Screw, 1/4-20 x 27/32" (Use as requir ed)
67	650561	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 require d)
	29683	Strainer & Shut-off, Fuel
	26460	Clamp, Fuel line (Use as required)
	30962	
		Fuel Line (Braided) (32") (Use as required)
	30965	Fuel Line (Braided) (48") (Use as req uired)
	29774	Fuel Line (Braided) (8.25") (Use as r equired)
	30705	Fuel Line (Braided) (16") (Use as req uired)
	31975	Baffle, Blower housing
	650561	Screw, 1/4-20 x 5/8"
	28545	Grommet, Plastic
77	650760	Screw, 8-32 x 3/8"
	31932	Bearing, Tapered roller
	31928	Cup, Bearing
	32031	Spacer, Steel (.010" thick) NOTE: Determine the gap
00		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
		as required

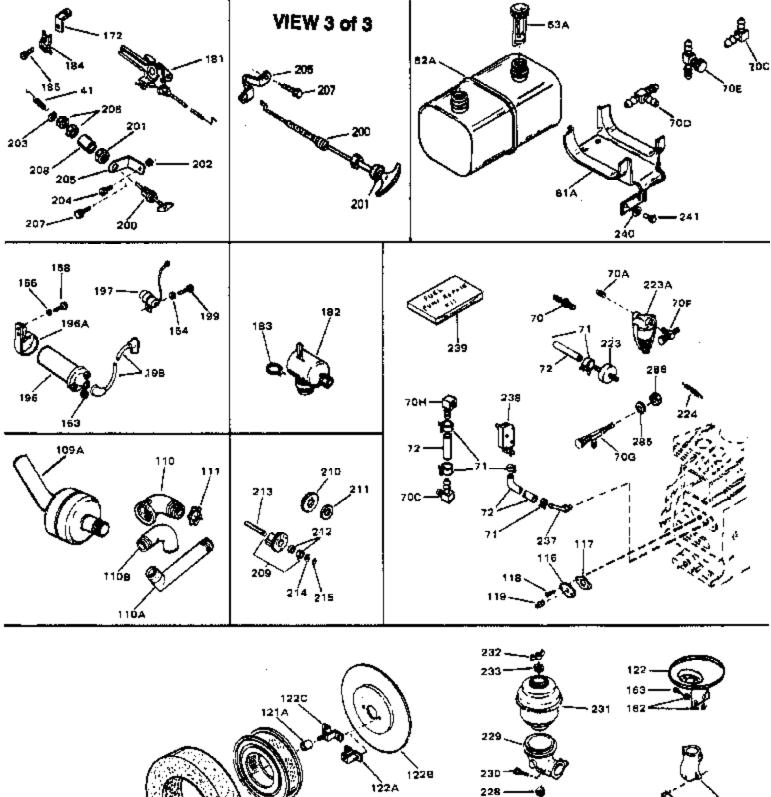
	Part Number 31971	Qty	Description * Gasket, Shim (.004/.005 thick) NOTE: Determine the gap between the cover and the machined surface on the cylinder
			which can be from .001"up to .007" in which case no shim gaskets will be required. Use of gasket must be limited to a combined total of .010" thick. Steel spacersmust be used as req
	32599 31972		"O" Ring * 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
83	32577		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	650679		Lockwasher, 5/16" (Use as required)
	792028		Screw, 5/16-18 x 7/8"
	650666		Washer, Lock
	650594 33037		Nut, Flywheel, 3/4-16 Blower Housing
	8274		Washer, Lock
	650595		Screw, 5/16-24 x 3/8"
93	32039		Switch, Stop
	650890		Washer, Shakeproof
	26073		Washer, Flat
	650624		Screw, 5/16-24 x 9/16" * Cooket Broother
	31958 31957		* Gasket, Breather Breather Assy.
	35350		Tube, Breather
	650128		Screw, 10-24 x 1/2"
	28558		Washer, Wave
	31966		Bushing, Control lever
	31984A		Lever, Control
	650597		Screw, 10-24 x 5/8"
	650591 33099		Screw, 10-24 x 2" Spring
	32042		Nipple, Exhaust pipe
	32043B		Muffler
	33038		Plug, Button (Use as required)
	27272		* Gasket, Air cleaner
	650399		Screw, 10-32 x 5/8"
	30767 32810		Spacer, Air cleaner Cover, Air cleaner
	650513		Nut, Wing
	650713		Screw, 5/16-18 x 5/8" (Use as require d)
	650429		Screw, $5/16-18 \times 3/4$ " (Use as require d)
	792028		Screw, 5/16-18 x 7/8" (Use as require d)
	26073		Washer, Flat (Use as required)
141A			Lockwasher, Split (Use as required)
	33263 650451		* Gasket, Carburetor Screw, 1/4-20 x 1"
	34061		Baffle, Air
171	0.001		

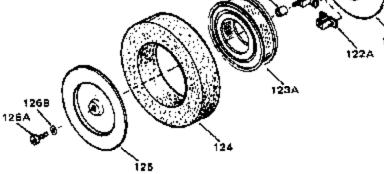
Ref #	Part Number Q	ty Description
151	610908	Terminal, Female
156	730201	Trigger Pin Kit (Use as required)
173	610118	Cover, Spark plug (Use as required)
176	31992	Spacer, Screen
177	8345	Washer, 1/4 plain (Use as required)
178	27070	Washer, Lock 1/4 E.T. (Use as require d)
178	650675	Washer, Flat 1/4 (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)
	650399	Screw, 10-32 x 5/8"
260	610965	Solid State Stator Plate Ass'y.
264	650661	Screw, 1/4-20 x 3/4"
265	610408	Nut, Hex
266	610750	Grommet, Lead wire
267	610906	Solid State Magneto (Incl.151,173,265,266)(20 Amp)
	611000	Flywheel
	34346	Decal, Instruction
	550223	Decal, Name
	631021	Inlet Needle, Seat & Clip Assy.
301	631975	Carburetor (Incl. 145) (Refer to Division 5, Section A, page 150 for breakdown)
304	33237A	* Gasket Set (Incl. items marked *)

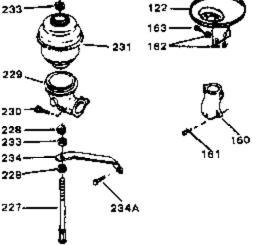


Ref #	Part Number	Qty	Description
178	27070		Washer, Lock 1/4 E.T. (Use as require d)
178	650675		Washer, Flat 1/4 (Use as required)
180	650701		Screw, 8-18 x 7/16" (Use as required)
222	792028		Screw, 5/16-18 x 7/8" (Use w/32817 st r.motor)
222	650781		Screw,5/16-18 x 11/16"(Use w/33835 st r.motor)
235	34276		Plate, Cover (Use as required to cover regulator mounting hole in blower housing)
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)
257B	610824		Flat Connector (Female terminals) (As req.)
266	610750		Grommet, Lead wire
275	730198		Starter Switch Kit(Incl. 287-298) (As req.)

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Ref #	Part Number 0	Ity Description
41	31967	Spring, Governor
62A	31977	Fuel Tank (Incl. 63)
71	26460	Clamp, Fuel line (Use as required)
72	30962	Fuel Line (Braided) (32") (Use as req uired)
72	30965	Fuel Line (Braided) (48") (Use as req uired)
72	29774	Fuel Line (Braided) (8.25") (Use as r equired)
72	30705	Fuel Line (Braided) (16") (Use as req uired)
119	28534	Pipe Plug, 1/8-27 (Use as required)
119	9556	Plug, Pipe, 1/8-27 (Use as required)
122C	32907B	Bracket, Air cleaner
122B	34065	Bracket, Air cleaner
123A	32008	Element, Air cleaner
184	27793	Clip, Conduit
185	28942	Screw, 10-32 x 3/8"