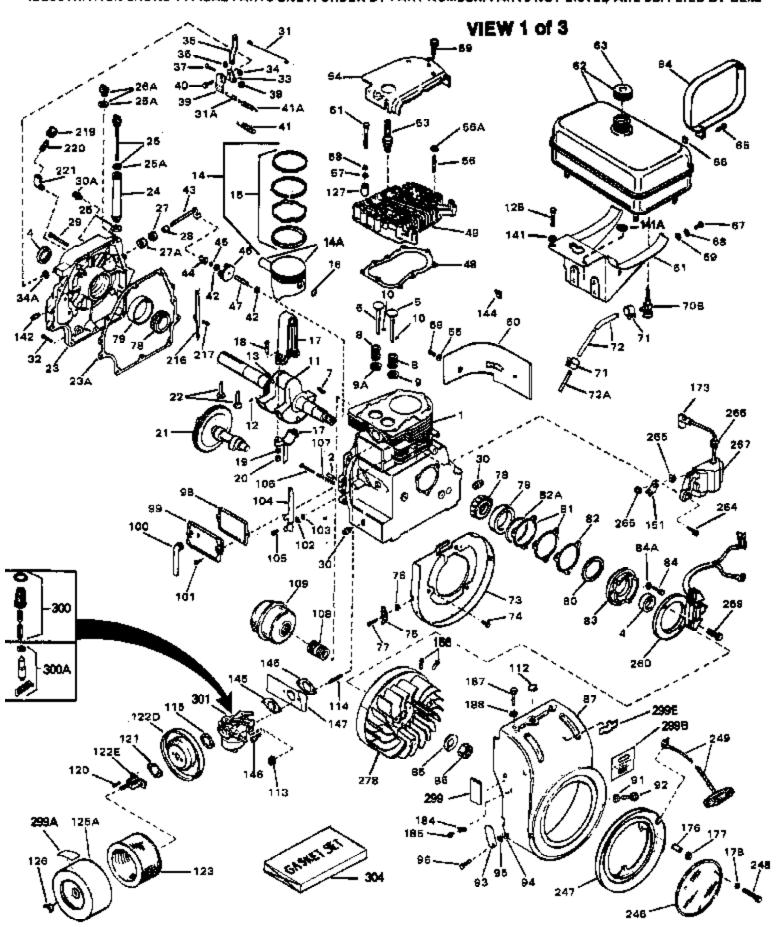
## ILLUSTRATION SHOWS TYPICAL PARTS ONLY, ORDER BY PART NUMBER, PARTS NOT LISTED ARE SUPPLIED BY DEAL

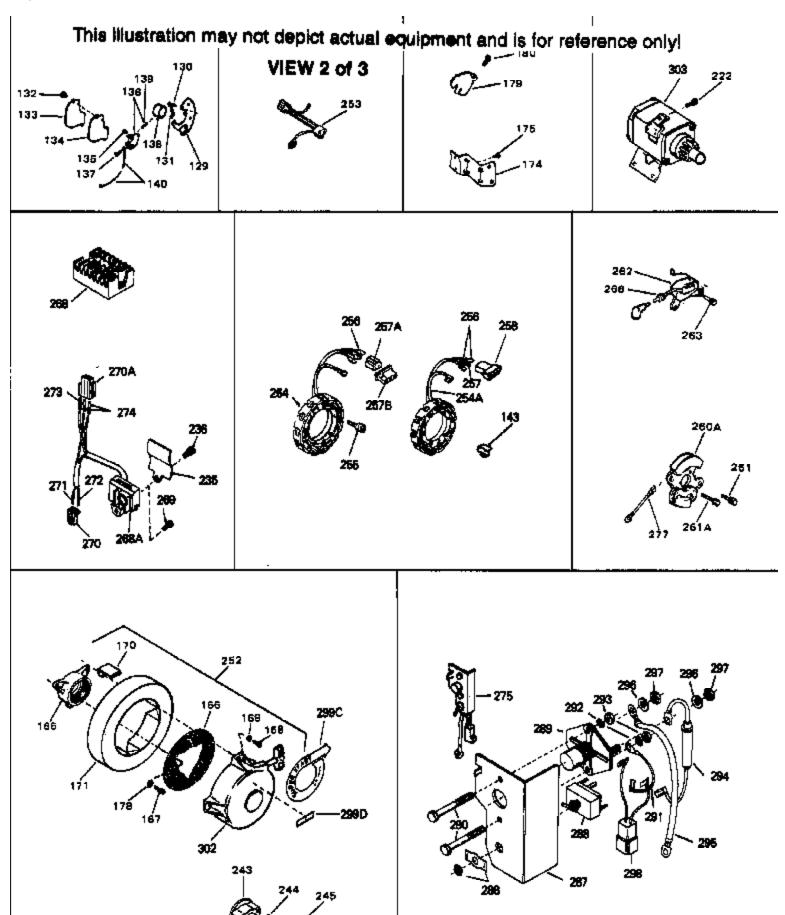


Ref #	Part Number Q	ty Description
	33042	Cylinder (Incl. 2, 4, 30 & 47) (3-1/2 " Bore)
	27652	Pin, Dowel
	31950	Seal, Oil
	31940	Intake Valve (Std.)
	31941	Intake Valve (1/32" OS) (Incl. 9)
	31942	Exhaust Valve (Std.)
6	31943	Exhaust Valve (1/32" OS) (Incl. 9)
7	650592	Key, Flywheel
8	31944	Spring, Valve
9	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
	33393A	
		Crankshaft (Incl. 12, 13, 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)
14	34513	Piston, Pin & Ring Set (.020" OS)
14	34524	Piston, Pin & Ring Set (.030" OS)
14	34525	Piston, Pin & Ring Set (.040" OS)
14A	32238B	Piston & Pin Ass'y. (Std.)(Incl.16)(3 -1/2")
	32239B	Piston & Pin Ass'y. (.010" OS) (Incl. 16)
	32240B	Piston & Pin Ass'y. (.020" OS) (Incl. 16)
	32621B	Piston & Pin Ass'y. (.030" OS) (Incl. 16)
	32622B	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
16	31919	Ring, Piston pin retaining
17	33093A	Connecting Rod Ass'y.(Std.)(Incl.18, 19 & 20)
17	34383	Connecting Rod Assy.(.010" US)(Incl.1 8,19,20)
17	34384	Connecting Rod Assy.(.020" US)(Incl.1 8,19,20)
18	32077	Bolt, Connecting rod
	26073	Washer, Connecting rod
	28264	Nut Assy., Lock
	32150	Camshaft (MCR)
	31939	Lifter, Valve
	31956A	* Gasket, Cylinder cover
	32816	Cylinder Cover (Incl.4,25,26A,28,30,3 4 & 43)
	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	Screw, 1/4-20 x 1"
33	31964	Clamp, Governor lever
34	29193	Ring, Retaining
35	31963	Lever, Governor adjusting
	650518	Lockwasher
	650544	Screw, 10-24 x 7/8"
	7975	Nut, 10-24
	31965	Plate, Governor spring
33	0.000	. Isto, Cotoniol opining

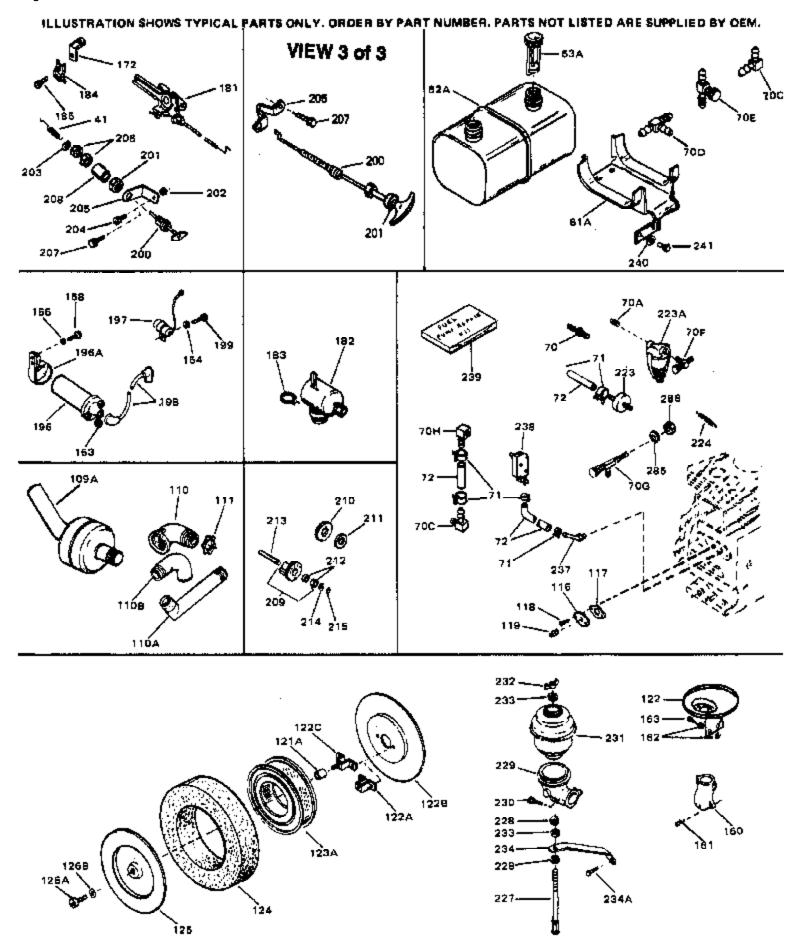
Dof #	Part Number Qty	Description
	30312	Screw, 10-32 x 1/2"
	31967	Spring, Governor
	30590A	Washer, Flat
43	32425	Rod Assy., Governor
44	31948	Spool, Governor
	29193	Ring, Retaining
	31947	Gear Assy., Governor
	31930	Shaft, Mechanical Governor
	32246A	* Gasket, Cylinder head
	33034	Head, Cylinder
	650694A	Screw, 5/16-18 x 2" (Use as required)
51	650711	Screw, 5/16-18 x 1-5/8" (Use as requi red)
51	650628A	Screw, 5/16-18 x 2-3/8" (Use as requi red)
51	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)
53	34251	Resistor Spark Plug (RJ-17LM)
54	33035	Cover, Cylinder head
55	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"
	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)
C4	24070	
	31979	Strap, Fuel tank
	650451	Screw, 1/4-20 x 1"
	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 )
67	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 req uired)
	30965	Fuel Line (Braided) (48") (Use as req uired)
	29774	Fuel Line (Braided) (8.25") (Use as r equired)
72	30705	Fuel Line (Braided) (16") (Use as req uired)
73	31975	Baffle, Blower housing
	650561	Screw, 1/4-20 x 5/8"
	33356	Terminal
	28545	Grommet, Plastic
	650760	Screw, 8-32 x 3/8"
	31932	Bearing, Tapered roller
	31928	Cup, Bearing
80	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

Ref #	Part Number	Otv	Description
	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
	650668		Screw, 10-32 x 1"
	650679 650666		Lockwasher, 5/16" (Use as required) Washer, Lock
	650594		Nut, Flywheel, 3/4-16
	33037		Blower Housing
	8274		Washer, Lock
	650595		Screw, 5/16-24 x 3/8"
	32039		Switch, Stop
	650890		Washer, Shakeproof
	26073		Washer, Flat
	650624 31958		Screw, 5/16-24 x 9/16"  * Gasket, Breather
	31957		Breather Assy.
	35350		Tube, Breather
	650128		Screw, 10-24 x 1/2"
102	28558		Washer, Wave
	31966		Bushing, Control lever
	31984A		Lever, Control
	650597 650591		Screw, 10-24 x 5/8" Screw, 10-24 x 2"
	33099		Spring
	32043B		Muffler
	33038		Plug, Button (Use as required)
	27272		* Gasket, Air cleaner
	650399		Screw, 10-32 x 5/8"
	30767		Spacer, Air cleaner
	32810		Cover, Air cleaner
	650513 650713		Nut, Wing Screw, 5/16-18 x 5/8" (Use as require d)
	650429		Screw, 5/16-18 x 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		* Gasket, Carburetor
	650451		Screw, 1/4-20 x 1"
	34061 730201		Baffle, Air Trigger Pin Kit (Use as required)
130	100201		riigger i iii tal (Ose as required)

Ref #	Part Number	Qty	Description
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
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	550223		Decal, Name
299B	32676		Decal, Solid State
299	34346		Decal, Instruction
299A	31752		Decal, Air cleaner
300A	631021		Inlet Needle, Seat & Clip Assy.
301	631877		Carburetor (Incl. 145) (Refer to Division 5, Section A, page
			134 for breakdown)
304	33237A		* Gasket Set (Incl. items marked *)



178 27070 Washer, Lock 1/4 E.T. (Use as require d) Washer, Flat 1/4 (Use as required) Screw, 8-18 x 7/16" (Use as required) Screw, 8-18 x 7/16" (Use w/32817 st r.motor) Screw, 5/16-18 x 7/8" (Use w/33835 st r.motor) Screw, 5/16-18 x 11/16"(Use w/33835 st r.motor) Plate, Cover (Use as required to cover regulator mounting hole in blower housing)  236 650736 Screw, 10-16 x 3/8" (Use as required) Rewind Starter Kit (Incl. 165, 166, 167, 168, 169 & 291) (Use	_
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)	
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)	
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)	
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)	
hole in blower housing)  236 650736  Screw, 10-16 x 3/8" (Use as required)	
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 Q	ty 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)
110A	32585	55 Degree Exhaust Elbow
111	650590	Nut, Conduit
119	28534	Pipe Plug, 1/8-27 (Use as required)
119	9556	Plug, Pipe, 1/8-27 (Use as required)
122B	34065	Bracket, Air cleaner
122C	32907B	Bracket, Air cleaner
123A	32008	Element, Air cleaner
184	27793	Clip, Conduit
185	28942	Screw, 10-32 x 3/8"