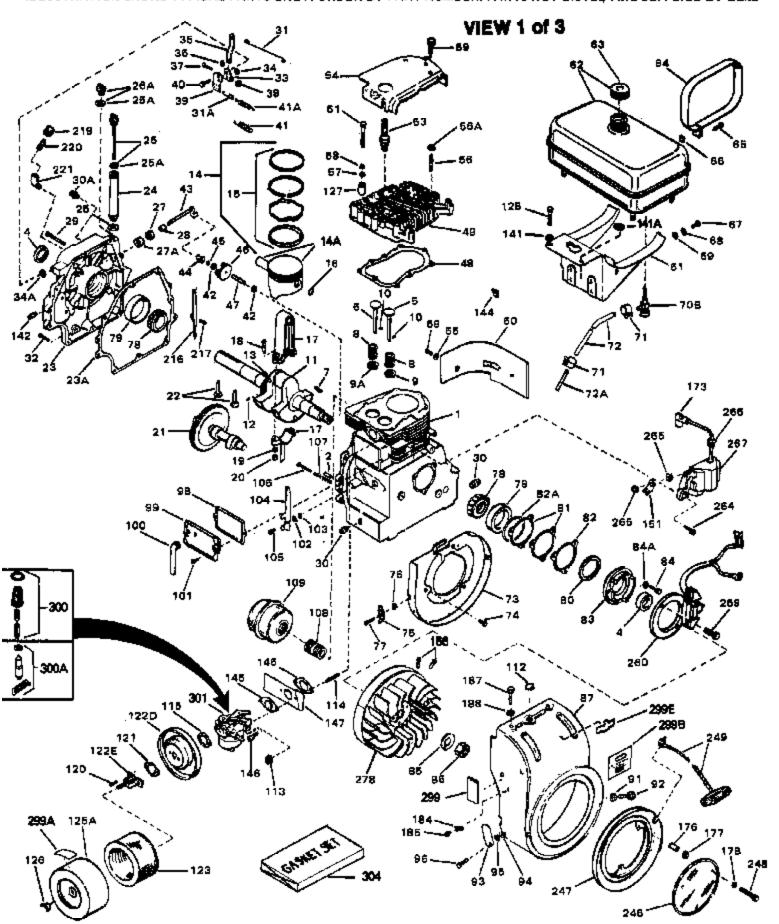
ILLUSTRATION SHOWS TYPICAL PARTS ONLY, ORDER BY PART NUMBER, PARTS NOT LISTED ARE SUPPLIED BY DEM.

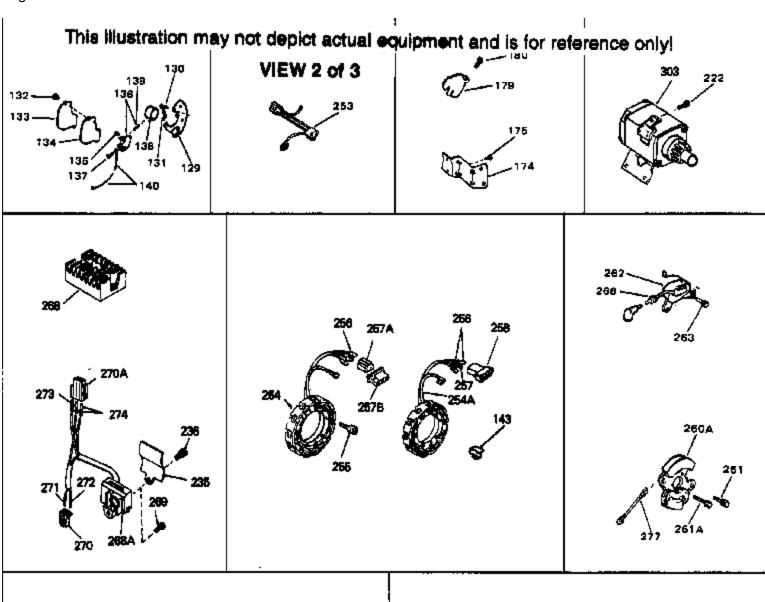


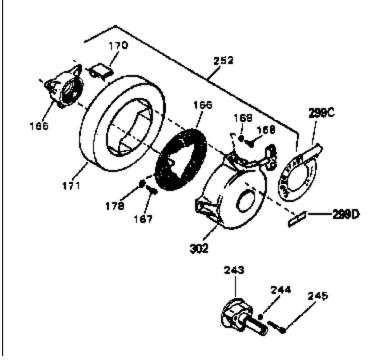
Dof #	Dort Number	/ Description
	Part Number Qt	
	33042	Cylinder (Incl. 2, 4, 30 & 47) (3-1/2 " Bore)
	27652	Pin, Dowel
	31950	Seal, Oil
5	31940	Intake Valve (Std.)
5	31941	Intake Valve (1/32" OS) (Incl. 9)
6	31942	Exhaust Valve (Std.)
	31943	Exhaust Valve (1/32" OS) (Incl. 9)
	650592	Key, Flywheel
	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
	32293C	Crankshaft (Incl. 12, 13, 17, 78 & 79)
	29783	Pin, Crankshaft gear
13	31931	Gear, Crankshaft
14A	32238B	Piston & Pin Ass'y. (Std.)(Incl.16)(3 -1/2")
14A	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)
	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)
	32241	Ring Set (Std.) (3-1/2" Bore)
	32242	Ring Set (.010" OS)
15	32243	Ring Set (.020" OS)
15	32625	Ring Set (.030" OS)
15	32626	Ring Set (.040" OS)
15	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
	26073	Washer, Connecting rod
	28264	<u> </u>
		Nut Assy., Lock
	32150	Camshaft (MCR)
	31939	Lifter, Valve
	31956A	* Gasket, Cylinder cover
	32580A	Cover, Cylinder (Incl. 4, 28, 30, 34, & 43)
	32908	Oil Fill Tube
25A	29985	"O" Ring
25	29673	* Gasket, Oil fill tube
26	33055	Dipstick (Incl. 25A)
28	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
	31963	Lever, Governor adjusting
	650518	Lockwasher
	650544	Screw, 10-24 x 7/8"
38	7975	Nut, 10-24

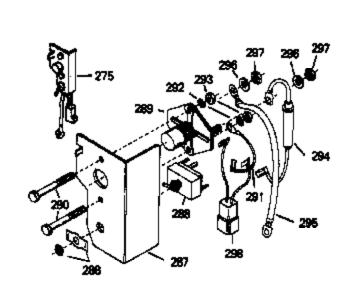
Ref #	Part Number Qty	Description
	31965	Plate, Governor spring
	30312	Screw, 10-32 x 1/2"
	31967	Spring, Governor
	30590A	Washer, Flat
	32425	Rod Assy., Governor
	31948	Spool, Governor
	29193	Ring, Retaining
	31947	Gear Assy., Governor
	31930	Shaft, Mechanical Governor
		·
	32246A	* Gasket, Cylinder 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 requi red)
	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)
	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 requi red)
	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"
	31976	Extension, Blower housing
	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
	650517	Screw, 1/4-20 x 27/32" (Use as requir ed)
	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)
	26460	Clamp, Fuel line (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)
	30962	Fuel Line (Braided) (32") (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
	31928	Cup, Bearing
	32031	Spacer, Steel (.010" thick) NOTE: Determine the gap
00	02001	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
	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	32677		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
	33041		Blower Housing
	8274		Washer, Lock
	650595		Screw, 5/16-24 x 3/8"
	8274		Washer, Lock
	650624 31958		Screw, 5/16-24 x 9/16" * Gasket, Breather
	31957		Breather Assy.
	35350		Tube, Breather
	650128		Screw, 10-24 x 1/2"
	28558		Washer, Wave
	31966		Bushing, Control lever
	31984A 650597		Lever, Control Screw, 10-24 x 5/8"
	650591		Screw, 10-24 x 2"
	33099		Spring
	33038		Plug, Button (Use as required)
	29752		Nut & Lockwasher Assy.
	650587 27272		Stud, Carburetor * Gasket, Air cleaner
	650399		Screw, 10-32 x 5/8"
	30767		Spacer, Air cleaner
	650513		Nut, Wing
	650713		Screw, 5/16-18 x 5/8" (Use as require d)
	650429		Screw, 5/16-18 x 3/4" (Use as require d)
128 141A	792028 8274		Screw, 5/16-18 x 7/8" (Use as require d)
	26073		Lockwasher, Split (Use as required) Washer, Flat (Use as required)
	31960		* Gasket, Carburetor
	31959		Baffle, Air
	730201		Trigger Pin Kit (Use as required)
	610118		Cover, Spark plug (Use as required)
	31992 8345		Spacer, Screen Washer, 1/4 plain (Lice as required)
1//	8345		Washer, 1/4 plain (Use as required)

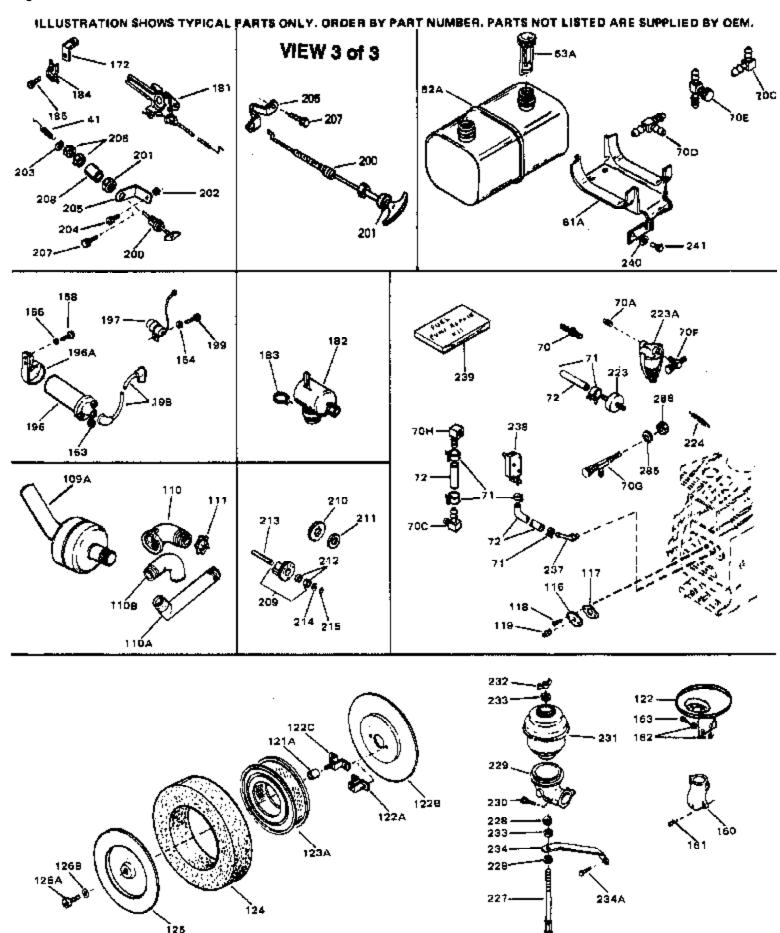
Ref #	Part Number	Qty Des	scription
178	27070	Wa	asher, Lock 1/4 E.T. (Use as require d)
178	650675	Wa	asher, Flat 1/4 (Use as required)
184	27793	Clip	o, Conduit
185	28942	Scr	rew, 10-32 x 3/8"
187	650713	Scr	rew, 5/16-18 x 5/8"
188	26073	Wa	asher, Flat
219	32154	Cap	p, Pipe
220	32438	Nip	ople, Pipe
246	33776	Scr	reen, Starter pulley
247	31980	Pull	lley, Starter
	650680		rew, 1/4-20 x 1-1/2"
249	32046	Rop	pe Assy., Starter (Use as required)
266	610750	Gro	ommet, Lead wire
278	610758	Flyv	wheel
299	34346		cal, Instruction
299B	32730		cal, Craftsman
	32411A		lve, Seat, Spring & Gasket Assy.
301	631498		rburetor (Incl. 145) (Refer to Division 5, Section A, page 94 breakdown)
304	33237A	* G	Sasket Set (Incl. items marked *)







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)
	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)
	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
62A	32689		Fuel Tank (Incl. 63)
63A	32437A		Gauge, Visual fuel
70C	28584		Fitting & Strainer, Fuel
71	26460		Clamp, Fuel line (Use as required)
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)
72	30962		Fuel Line (Braided) (32") (Use as req uired)
119	28534		Pipe Plug, 1/8-27 (Use as required)
119	9556		Plug, Pipe, 1/8-27 (Use as required)
	29774		Spacer, Air cleaner
122B	32905		Bracket, Air cleaner
122C	32907B		Bracket, Air cleaner
123A	32008		Element, Air cleaner
124	32906		Element, Pre-Air cleaner
125	32904		Cover, Pre-air cleaner
172	31990		Bracket, Choke control
184	27793		Clip, Conduit
	28942		Screw, 10-32 x 3/8"
	32958		Fitting, Fuel
	32959		Fuel Pump, Impulse
	33010		Repair Kit, Impulse fuel pump
	32960		Washer, Lock
286	650849		Nut, Hex jam, 3/8-24