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

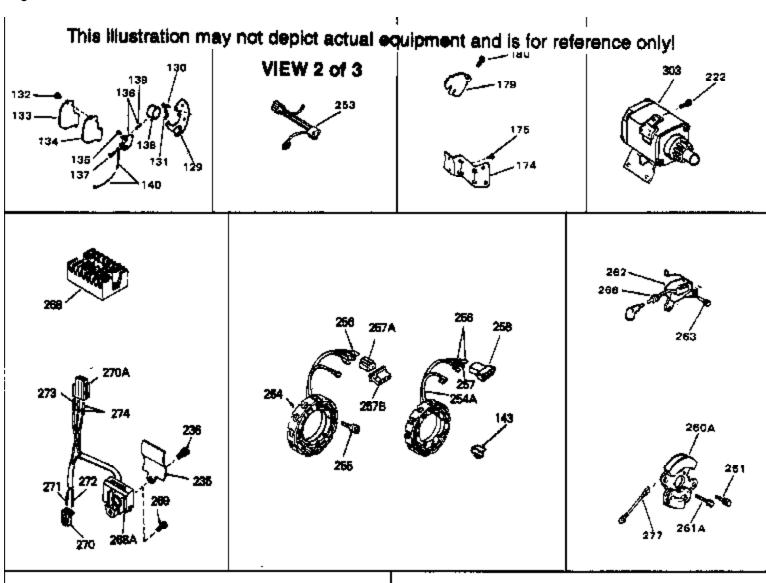


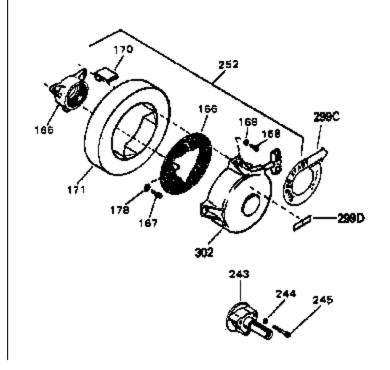
Ref #	Part Number	Otv	Description
	33039	٠.,	Cylinder (Incl.2,4,30,47,119) (3-5/16 ")
	27652		Pin, Dowel
	31950		Seal, Oil
	31940		Intake Valve (Std.)
	31941		Intake Valve (3td.) Intake Valve (1/32" OS) (Incl. 9)
			, , ,
	31942		Exhaust Valve (Std.)
	31943		Exhaust Valve (1/32" OS) (Incl. 9)
	650592		Key, Flywheel
	31944		Spring, Valve
	31945		Cap, Lower valve spring (Std.)
	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
	33391B		Crankshaft (Incl. 12, 13, 78 & 79)
	29783		Pin, Crankshaft gear
13	31931		Gear, Crankshaft
14	34508		Piston, Pin & Ring Set (Std.) (3-5/16 " Bore)
14	34509		Piston, Pin & Ring Set (.010" OS)
14	34510		Piston, Pin & Ring Set (.020" OS)
14	34850		Piston, Pin & Ring Set (.030" OS)
14	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
			O. 1
	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
	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
25A	35499		"O" Ring
26	33070		Dipstick (Incl. 25A)
28	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		Lockwasher
30	000010		200.111401101

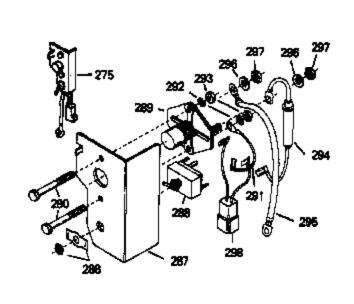
	Part Number	Qty	Description 2/01
	650544		Screw, 10-24 x 7/8"
38	7975		Nut, 10-24
39	31965		Plate, Governor spring
40	30312		Screw, 10-32 x 1/2"
41	31967		Spring, Governor
	30590A		Washer, Flat
	32425		Rod Assy., Governor
	31948		Spool, Governor
	29193		Ring, Retaining
	31947		Gear Assy., Governor
	31930		
			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 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)
51	650714		Screw, 5/16-18 x 1-5/8" (Use as requi red)
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 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
	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)
67	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 required)
	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)
	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
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
			1 <u>-</u>

\$\frac{2}{3}\$ \text{sim}\$ (0,000 \text{VOS thick}) NOTE: betermine 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 \$\frac{2}{3}\$ 31972 \$\frac{2}{3}\$ 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 \$\frac{2}{3}\$ 32577 \$\frac{2}{3}\$ 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 \$\frac{8}{4}\$ 650679 \$\frac{8}{4}\$ 735044A \$\frac{8}{4}\$ 735044A \$\frac{9}{4}\$ 867699 \$\frac{1}{4}\$ 100 007" 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 \$\frac{8}{4}\$ 735044A \$\frac{8}{4}\$ 735044A \$\frac{9}{4}\$ 735044A \$\frac{9}{4}\$ 735044A \$\frac{9}{4}\$ 867699 \$\frac{1}{4}\$ 8274 \$\frac{1}{4}\$ 93 00044 \$\frac{1}{4}\$ 93 00044 \$\frac{1}{4}\$ 94 00044 \$\frac{1}{4}\$ 94 00044 \$\frac{1}{4}\$ 94 00044 \$\frac{1}{4}\$ 94 00044 \$\frac{1}{4}\$ 95 00055 \$\frac{1}{4}\$ 95 00055 \$\frac{1}{4}\$ 96 00054 \$\frac{1}{4}\$ 97 00044 \$\frac{1}{4}\$ 97 00044 \$\frac{1}{4}\$ 90044 \$\frac{1}{4}\$ 90054 \$\frac{1}	Ref #	Part Number	Qtv	Description
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83 32577 Cover, Öylinder 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) 85 650666 Washer, Lock 86 650594 Nut, Flywheel, 3/4-16 87 33044A Blower Hsg. (Incl.73) (For electric s tarter) 8274 Washer, Lock 96 650595 Screw, 5/16-24 x 3/8" 97 8274 Washer, Lock 97 98 650624 Screw, 5/16-24 x 9/16" 98 31958 "Gasket, Breather 98 31957 Breather Assy. 98 31958 "Gasket, Breather 99 31957 Tube, Breather 101 650128 Screw, 5/16-24 x 1/2" 102 28558 Washer, Vave 103 31986 Bushing, Control lever 104 31984A Lever, Control 105 650597 Screw, 10-24 x 1/2" 107 33099 112 33038 Plug, Button (Use as required) 113 29752 Sud, Carburetor 125 32376 Bracket, Air cleaner 126 650399 Screw, 10-24 x 5/8" 127 128 23376 Bracket, Air cleaner 127 23276 Bracket, Air cleaner 128 32376 Bracket, Air cleaner 129 32378 Bracket, Air cleaner 120 32378 Bracket, Air cleaner 120 32378 Bracket, Air cleaner 121 30767 Spacer, Air Cleaner 122 32376 Bracket, Air cleaner 125 32376 Bracket, Air cleaner 126 650429 Screw, 5/16-18 x 7/8" (Use as required) 127 128 50429 Screw, 5/16-18 x 7/8" (Use as required) 128 650429 Screw, 5/16-18 x 7/8" (Use as required) 141 26073 Washer, Flat (Use as required) 142 1959 Baffle, Air	82	31972		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
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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 31960 * Gasket, Carburetor 147 31959 Baffle, Air				
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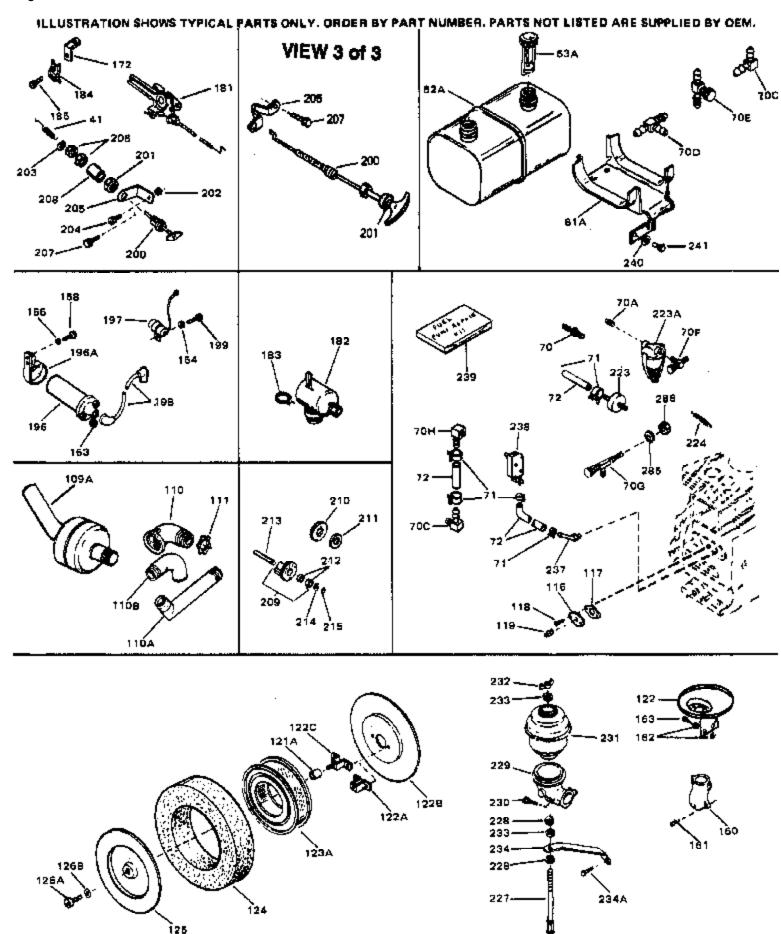
Ref #	Part Number	Qty	Description
156	730201		Trigger Pin Kit (Use as required)
173	610118		Cover, Spark plug (Use as required)
176	32426		Spacer, Screen
177	650675		Washer, Flat 1/4"
177	8345		Washer, 1/4 plain (Use as required)
178	27070		Washer, Lock 1/4 E.T. (Use as require d)
178	650675		Washer, 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
248	650670		Screw, 1/4-20 x 3/4"
249	32046		Rope Assy., Starter (Use as required)
264	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
299A	31752		Decal, Air cleaner
	550223		Decal, Name
299B	32676		Decal, Solid State
299	34346		Decal, Instruction
300	32255A		Valve, Seat, Spring & Gasket Assy.
301	631564		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)
	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)
	610761		Alternator Coil (Solid State) (10 Amp) (Incl. Nos. 253, 256 & 257A)
255	650416		Screw, 10-32 x 1"
	610922		Terminal, Female
	610824		Flat Connector (Female terminals) (As req.)
257A	610819		Connector, Pyramid (For female termin als)
266	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.



Ref #	Part Number Q	y 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 req uired)
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)
123A	32008	Element, Air cleaner
172	30208	Bracket, Choke control
184	27793	Clip, Conduit
185	28942	Screw, 10-32 x 3/8"