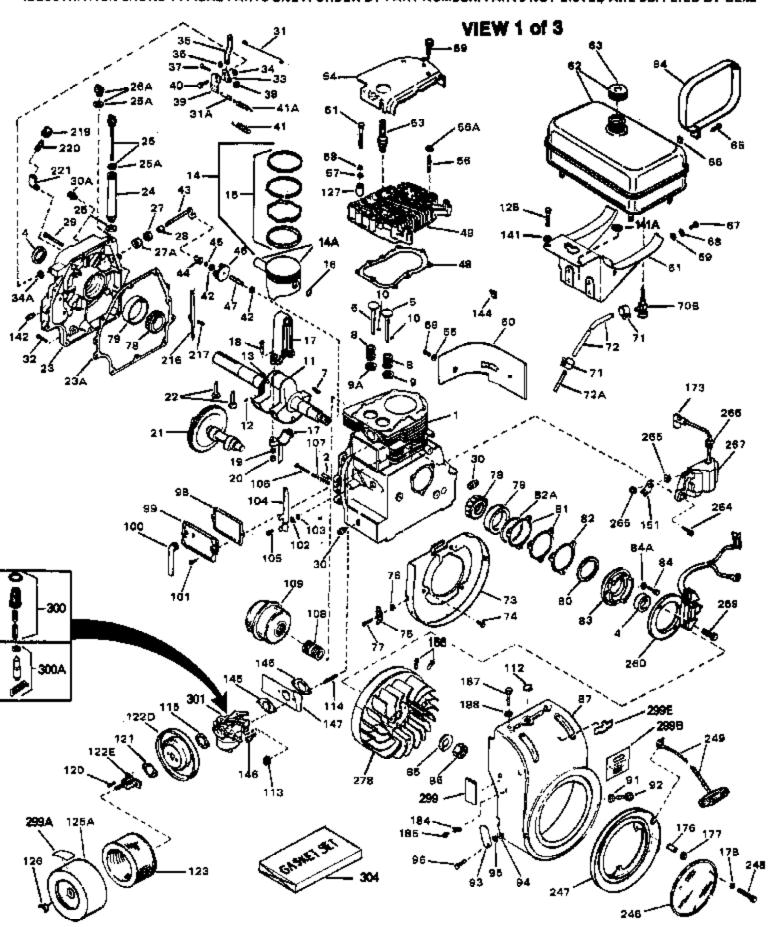
ILLUSTRATION SHOWS TYPICAL PARTS ONLY, ORDER BY PART NUMBER, PARTS NOT LISTED ARE SUPPLIED BY DEM.

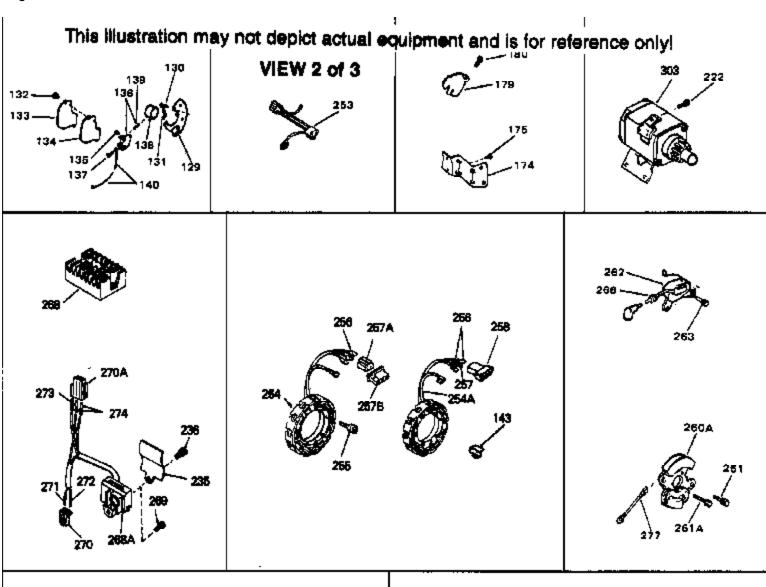


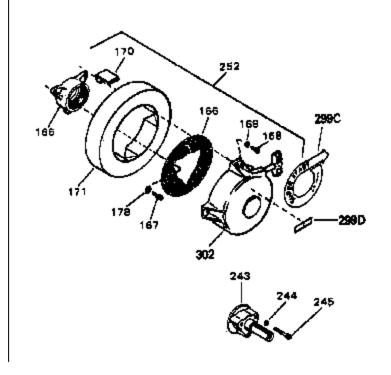
Ref #	Part Number	Otv	Description
	33039	۵.,	Cylinder (Incl.2,4,30,47,119) (3-5/16 ")
	27652		Pin, Dowel
	31950		Seal, Oil
	31940		Intake Valve (Std.)
	31941		· · ·
			Intake Valve (1/32" OS) (Incl. 9)
	31942		Exhaust Valve (Std.)
	31943		Exhaust Valve (1/32" OS) (Incl. 9)
	650592		Key, Flywheel
	31944		Spring, Valve
	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
	31931		Gear, Crankshaft
14A	32001C		Piston & Pin Ass'y. (Std.)(Incl.16)(3 -5/16")
14A	32002B		Piston & Pin Ass'y. (.010" OS) (Incl. 16)
14A	32003B		Piston & Pin Ass'y. (.020" OS) (Incl. 16)
14A	32619B		Piston & Pin Ass'y. (.030" OS) (Incl. 16)
14	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)
	32620B		Piston & Pin Ass'y. (.040" 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 (.030 'OS)
	32321		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		Nut Assy., Lock
	32150		Camshaft (MCR)
	31939		Lifter, Valve
	31956A		* Gasket, Cylinder cover
	32580A		Cover, Cylinder (Incl. 4, 28, 30, 34, & 43)
	32205		Oil Fill Tube
	29673		* Gasket, Oil fill tube
	29985		"O" Ring
25A	35499		"O" Ring
	33358		Dipstick (Incl. 25A)
28	32426		Spacer, Governor rod
29	650588		Screw, 1/4-20 x 2"
31	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"
OI.	333311		00.0m, 10 £1 × 1/0

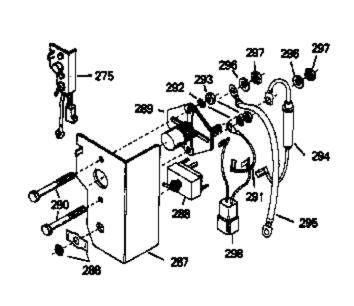
Ref #	Part Number	Qty	Description
	7975		Nut, 10-24
39	31965		Plate, Governor spring
	30312		Screw, 10-32 x 1/2"
41	31967		Spring, Governor
	30590A		Washer, Flat
43	32425		Rod Assy., Governor
	31948		Spool, Governor
	29193		Ring, Retaining
	31947		Gear Assy., Governor
	31930		Shaft, Mechanical Governor
	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)
	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)
67	650517		Sorow 1/4 20 x 27/22" (Llos as requir od)
	650517 650561		Screw, 1/4-20 x 27/32" (Use as required)
	30063		Screw, 1/4-20 x 5/8" (Use as required)
	792028		Screw, 1/4-20 x 1/2" (Use as required)
	29683		Screw, 5/16-18 x 7/8" (Use as require d) Strainer & Shut-off, Fuel
	29063 26460		·
	29774		Clamp, Fuel line (Use as required)
	30705		Fuel Line (Braided) (8.25") (Use as r equired) Fuel Line (Braided) (16") (Use as req uired)
	30962		Fuel Line (Braided) (10) (Use as req uired)
	30965		
	32579		Fuel Line (Braided) (48") (Use as req uired) Baffle, Blower housing
	650561		Screw, 1/4-20 x 5/8"
	31932		
	31928		Bearing, Tapered roller Cup, Bearing
	32031		Spacer, Steel (.010" thick) NOTE: Determine the gap
00	32031		
			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	Qtv	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
	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 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 122E 123	792028 650679 650666 650594 33044A 8274 650595 8274 650624 31958 31957 35350 650128 28558 31966 31984A 650597 650591 33099 32042 34238 33038 29752 650587 27272 650399 30767 32377 31925 31926		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 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 Element, Air cleaner Element, Air cleaner
126 128 128 128 141A 141	650513 650713 650429 792028		Nut, Wing Screw, 5/16-18 x 5/8" (Use as require d) Screw, 5/16-18 x 3/4" (Use as require d) Screw, 5/16-18 x 7/8" (Use as require d) Lockwasher, Split (Use as required) Washer, Flat (Use as required) * Gasket, Carburetor

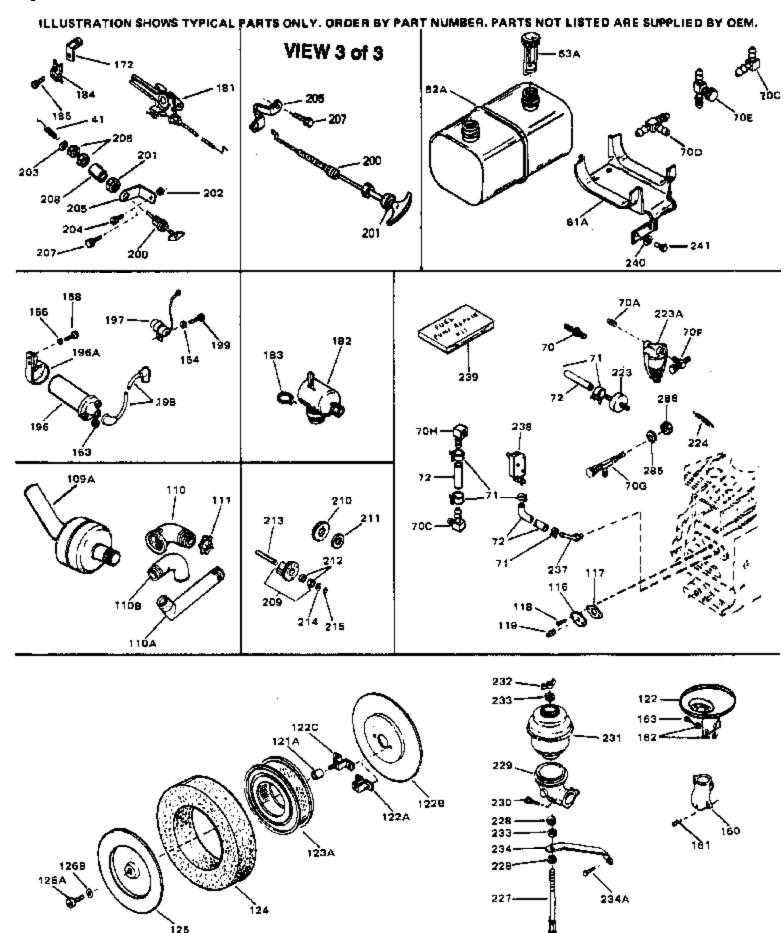
Ref #	Part Number	Qty	Description
147	31959		Baffle, Air
151	33356		Terminal, Ground
156	730201		Trigger Pin Kit (Use as required)
173	610118		Cover, Spark plug (Use as required)
176	32426		Spacer, Screen
177	650675		Washer, Flat 1/4"
177	8345		Washer, 1/4 plain (Use as required)
178	27070		Washer, Lock 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
219	32154		Cap, Pipe
220	32673		Nipple, Pipe
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
299	34346		Decal, Instruction
299A	31752		Decal, Air cleaner
299B	550223		Decal, Name
299B	34768		Decal, Name
299B	32676		Decal, Solid State
	32411A		Valve, Seat, Spring & Gasket Assy.
301	631304A		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
	27070	-	Washer, Lock 1/4 E.T. (Use as require d)
	650675		Washer, Flat 1/4 (Use as required)
	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 &
201	0.0701		257A)
255	650416		Screw, 10-32 x 1"
256	610922		Terminal, Female
257B	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	Qty	Description
41	31967		Spring, Governor
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)
111	650590		Nut, Conduit
119	28534		Pipe Plug, 1/8-27 (Use as required)
119	9556		Plug, Pipe, 1/8-27 (Use as required)
122	32919		Bracket, Air cleaner
160	32920		Elbow, Air cleaner
161	650416		Screw, 10-32 x 1" (two required)
162	650583		Washer, Plain
163	28788		Screw, 8-32 x 1/2"
172	31990		Bracket, Choke control
184	27793		Clip, Conduit
185	28942		Screw, 10-32 x 3/8"
237	32958		Fitting, Fuel
	32959		Fuel Pump, Impulse
239	33010		Repair Kit, Impulse fuel pump