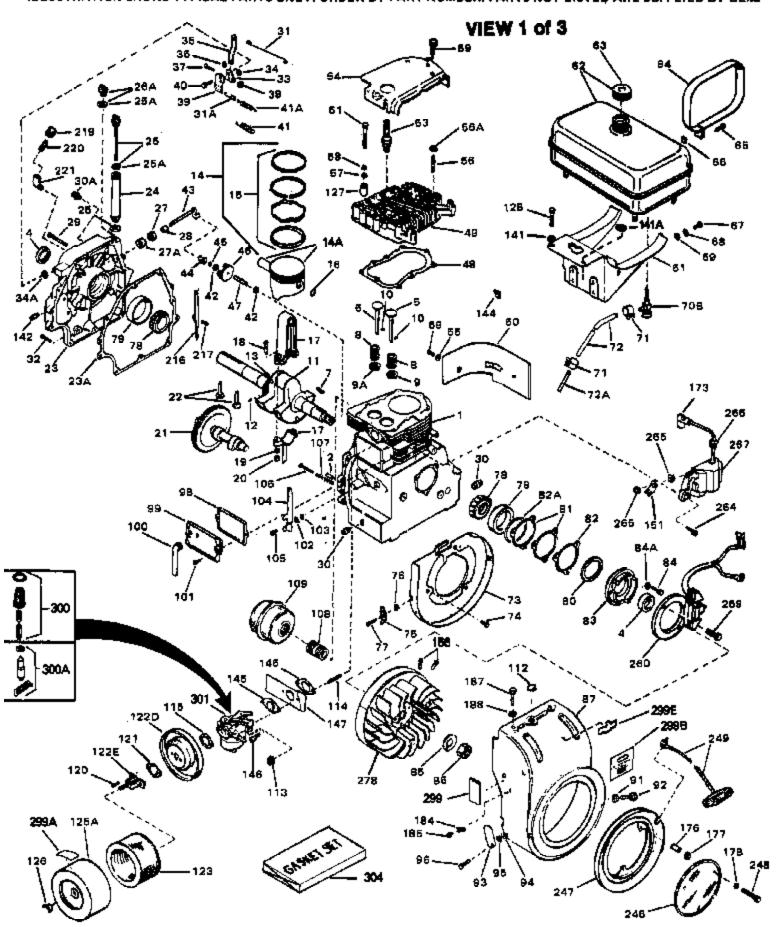
ILLUSTRATION SHOWS TYPICAL PARTS ONLY, ORDER BY PART NUMBER, PARTS NOT LISTED ARE SUPPLIED BY DEM.

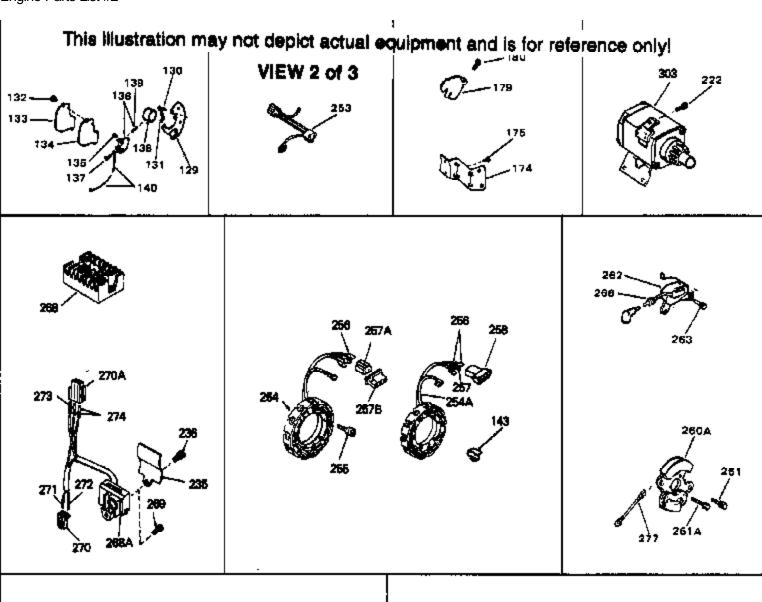


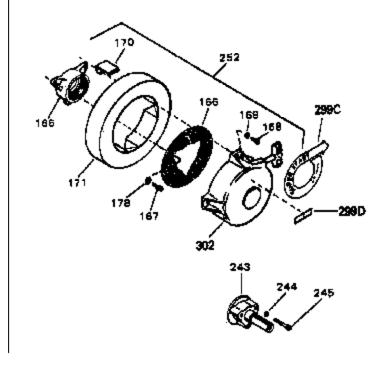
Ref #	Part Number C	Oty Description
	32289	Cylinder (Incl. 2,4,30,47,116-119) (3 -1/2")
	27652	Pin, Dowel
	31950	Seal, Oil
	31940	Intake Valve (Std.)
		,
	31941	Intake Valve (1/32" OS) (Incl. 9)
	31942	Exhaust Valve (Std.)
	31943	Exhaust Valve (1/32" OS) (Incl. 9)
	650592	Key, Flywheel
	31944	Spring, Valve
9	31946	Cap, Lower valve spring (1/32" OS)
9	31945	Cap, Lower valve spring (Std.)
9A	31945	Cap, Lower valve spring (Std.)
9A	31946	Cap, Lower valve spring (1/32" OS)
10	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)
	34513	Piston, Pin & Ring Set (.020" OS)
	34524	· · · · · · · · · · · · · · · · · · ·
		Piston, Pin & Ring Set (.030" OS)
	34525	Piston, Pin & Ring Set (.040" OS)
	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)
15	32243	Ring Set (.020" OS)
15	32625	Ring Set (.030" OS)
15	32626	Ring Set (.040" OS)
15	32336	Re-Ringing Set, Piston
16	31919	Ring, Piston pin retaining
17	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 Oil Fill Tube
	32205	
	29673	* Gasket, Oil fill tube
	29985	"O" Ring
	32206	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
	29193	Ring, Retaining
	31963	Lever, Governor adjusting
	650518	Lockwasher
	650544	Screw, 10-24 x 7/8"
3,		

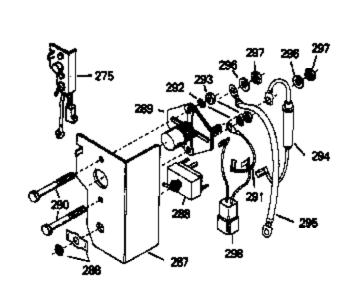
Dof #	Part Number	Ot /	Description
		Qly	Description No. 40.04
	7975		Nut, 10-24
	31965		Plate, Governor spring
40	30312		Screw, 10-32 x 1/2"
41	31967		Spring, Governor
42	30590A		Washer, Flat
	32425		Rod Assy., Governor
	31948		Spool, Governor
	29193		Ring, Retaining
	31947		Gear Assy., Governor
	31930		Shaft, Mechanical Governor
48	32246A		* Gasket, Cylinder head
49	31961		Head, Cylinder
51	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 required)
	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)
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)
	650603		Screw, 5/16-18 x 5/8" (Use as require d)
	33636		Resistor Spark Plug (RJ-8C)
	34251		Resistor Spark Plug (RJ-17LM)
	31962		Cover, Cylinder
	28537		Washer, Plain
57	650691		Washer, Flat (Use as required)
58	650690		Washer, Belleville (Use as required)
58	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	CEOE17		Corour 1/4 20 x 27/22" (Llos as requir ad)
	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)
67	792028		Screw, 5/16-18 x 7/8" (Use as require d)
71	26460		Clamp, Fuel line (Use as required)
72	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"
75	33356		Terminal
76	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
			ao roquirou

Ref #	Part Number	Qtv	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 32577		"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
84A 85 86 87 91 92 93 94 95 96 98 99 100 101 102 103 104 105 106 107 108 109 112 113 114 115 120 121 122D 125A 128 128 141	792028 650679 650666 650594 32578 8274 650595 32039 650890 26073 650624 31958 31957 35350 650128 28558 31966 32813 650597 650591 33099 32808 32043B 33038 29752 650389 30767 32812 32810 650713 650429 792028 26073 8274		Screw, 5/16-18 x 7/8" Lockwasher, 5/16" (Use as required) Washer, Lock Nut, Flywheel, 3/4-16 Blower Housing (For electric starter) Washer, Lock Screw, 5/16-24 x 3/8" Switch, Stop Washer, Shakeproof Washer, Flat 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 Cover, Air cleaner Cover, Air cleaner Screw, 5/16-18 x 5/8" (Use as require d) Screw, 5/16-18 x 7/8" (Use as require d) Washer, Flat (Use as required) Lockwasher, Split (Use as required)
	31960		* Gasket, Carburetor

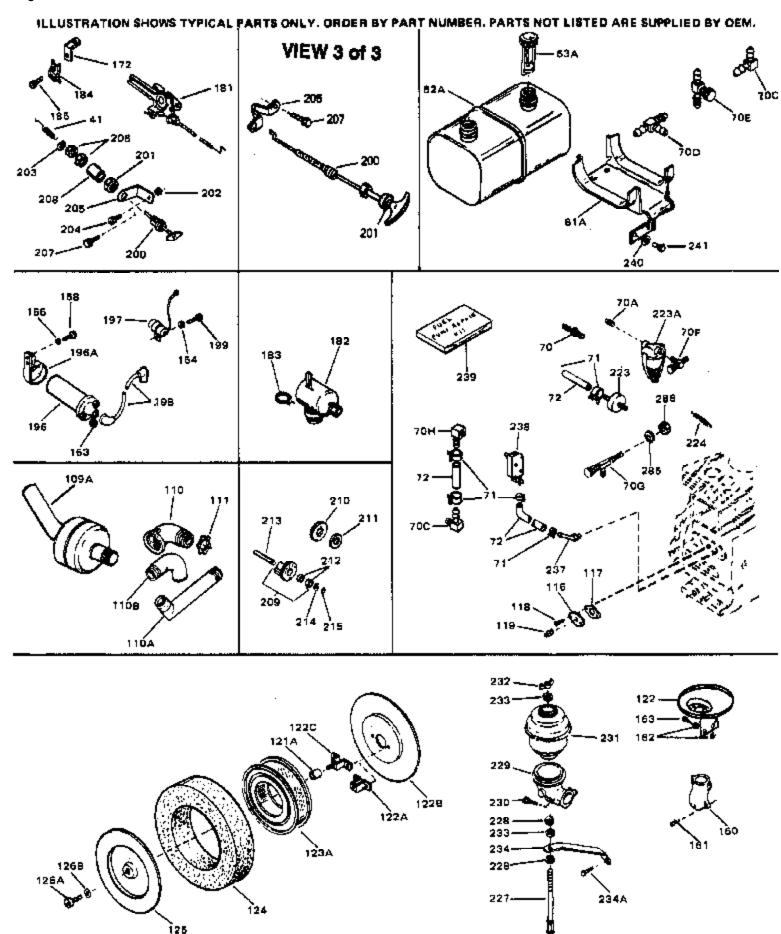
Ref #	Part Number	Qty	Description
147	31959		Baffle, Air
151	33356		Terminal, Ground
156	730201		Trigger Pin Kit (Use as required)
173	610118		Cover, Spark plug (Use as required)
176	32426		Spacer, Screen
177	650675		Washer, Flat 1/4"
177	8345		Washer, 1/4 plain (Use as required)
178	27070		Washer, Lock 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"
	26073		Washer, Flat
	33776		Screen, Starter pulley
	650670		Screw, 1/4-20 x 3/4"
	32046		Rope Assy., Starter (Use as required)
	650661		Screw, 1/4-20 x 3/4"
	610408		Nut, Hex
	610750		Grommet, Lead wire
	610748		Solid State Magneto (Incl.151,173,265,266)
	610746		Solid State Flywheel
	31752		Decal, Air cleaner
	550223		Decal, Name
	32676		Decal, Solid State
	34346		Decal, Instruction
	32411A		Valve, Seat, Spring & Gasket Assy.
301	631498		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
	27275		Clip, Wire retaining
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)
	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
257B	610824		Flat Connector (Female terminals) (As req.)
257A	610819		Connector, Pyramid (For female termin als)
266	610750		Grommet, Lead wire
268	610749		Solid State Regulator (10 Amp)
275	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
61A	32809		Bracket, Fuel tank
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)
122A	32811		Bracket, Air cleaner
123A	32008		Element, Air cleaner
126A	30513		Screw & Lockwasher
172	30972		Bracket, Choke control
184	27793		Clip, Conduit
185	28942		Screw, 10-32 x 3/8"
237	32958		Fitting, Fuel
238	32959		Fuel Pump, Impulse
239	33010		Repair Kit, Impulse fuel pump