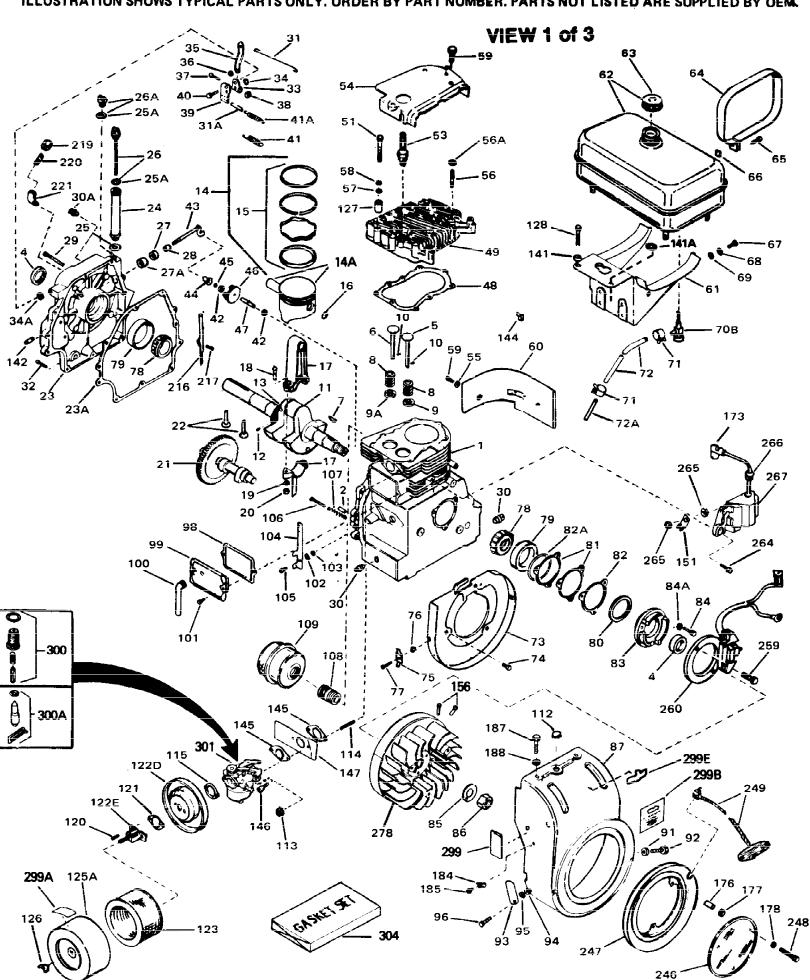
ILLUSTRATION SHOWS TYPICAL PARTS ONLY. ORDER BY PART NUMBER. PARTS NOT LISTED ARE SUPPLIED BY OEM.



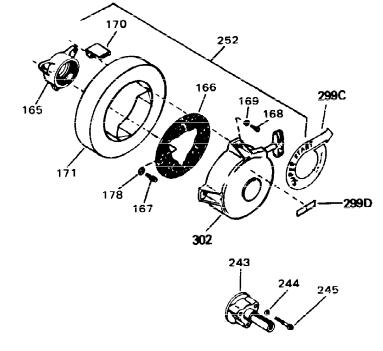
Dof #	Part Number	Otv	Description
1 Rei #		Qty	Description Cylinder (Incl.2,4,30,47,119) (3-5/16 ")
	27652		
			Pin, Dowel
	31950		Seal, Oil
	31940		Intake Valve (Std.)
	31941		Intake Valve (1/32" OS) (Incl. 9)
	31942		Exhaust Valve (Std.)
	31943		Exhaust Valve (1/32" OS) (Incl. 9)
	650592		Key, Flywheel
	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
	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)
	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
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
19	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)
24	33893A		Oil Fill Tube
25A	33590		"O" Ring
26	33984A		Dipstick (Incl. 25A)
28	32426		Spacer, Governor rod
	650588		Screw, 1/4-20 x 2"
	31968		Link, Governor
32	650451		Screw, 1/4-20 x 1"
33	31964		Clamp, Governor lever
34	29193		Ring, Retaining
35	31963		Lever, Governor adjusting
36	650518		Lockwasher

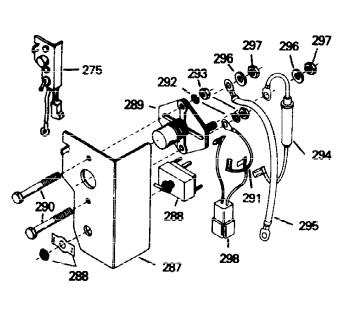
	Part Number	Qty	
37	650544		Screw, 10-24 x 7/8"
38	7975		Nut, 10-24
39	31965		Plate, Governor spring
40	30312		Screw, 10-32 x 1/2"
	31967		Spring, Governor
	30590A		Washer, Flat
	32425		Rod Assy., Governor
	31948		Spool, Governor
	29193		Ring, Retaining
			5 .
	31947		Gear Assy., Governor
	31930		Shaft, Mechanical Governor
	32000A		* Gasket, Cylinder head
	33034		Head, Cylinder
	650694A		Screw, 5/16-18 x 2" (Use as required)
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)
51	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	CE0E17		Coron, 1/4 20 v 27/22" (Llos as requir ad)
	650517		Screw, 1/4-20 x 27/32" (Use as required)
	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)
	29774		Fuel Line (Braided) (8.25") (Use as r equired)
	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)
73	32579		Baffle, Blower housing
74	650561		Screw, 1/4-20 x 5/8"
	31932		Bearing, Tapered roller
	31928		Cup, Bearing
	32031		Spacer, Steel (.010" thick) NOTE: Determine the
30			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	Qty 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
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 95 96 98 99 100 101 102 103 104 105 106 107 108 109 112 115 120 121 122E 122D 125A	792028 650679 650666 650594 33044A 8274 650595 8274 650624 31958 31957 35350 650128 28558 31966 31984A 650597 650591 33099 32042 32043B 33038 27272 650399 30767 32376 32378 32810 650513	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) * Gasket, Air cleaner Screw, 10-32 x 5/8" Spacer, Air cleaner Bracket, Air cleaner Bracket, Air cleaner Cover, Air cleaner
128 128 128 141 141A	650713 650429 792028 26073	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) Washer, Flat (Use as required) Lockwasher, Split (Use as required) * Gasket, Carburetor

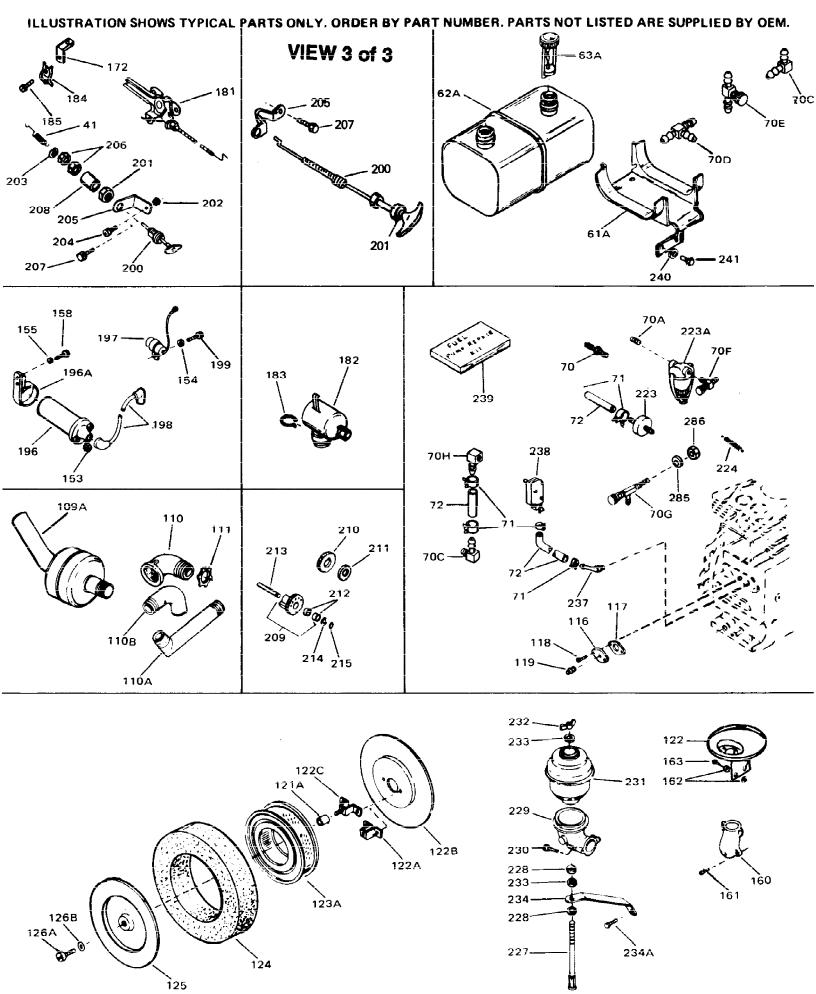
Ref #	Part Number	Qty	Description
146	650451		Screw, 1/4-20 x 1"
147	34061		Baffle, Air
151	610908		Terminal, Female
156	730201		Trigger Pin Kit (Use as required)
173	610118		Cover, Spark plug (Use as required)
176	32426		Spacer, Screen
	650675		Washer, Flat 1/4"
	8345		Washer, 1/4 plain (Use as required)
178	27070		Washer, Lock 1/4 E.T. (Use as require d)
	650675		Washer, Flat 1/4 (Use as required)
	27793		Clip, Conduit
	28942		Screw, 10-32 x 3/8"
	32154		Cap, Pipe
	32673		Nipple, Pipe
	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
	610906		Solid State Magneto (Incl.151,173,265,266)(20 Amp)
	610901		Solid State Flywheel
	32730		Decal, Craftsman
	32676		Decal, Solid State
	31752		Decal, Air cleaner
	34346		Decal, Instruction
	631021		Inlet Needle, Seat & Clip Assy.
301	631878		Carburetor (Incl. 145) (Refer to Division 5, Section A, page 134 for breakdown)
304	33237A		* Gasket Set (Incl. items marked *)

This illustration may not depict actual equipment and is for reference only! **VIEW 2 of 3** 132 133 175 135 129 262 268 257A 270A 260A 255 235 252





Ref #	Part Number	Qty	Description
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)
	610902		Alternator Coil (20 Amp)(Incl.256,257,258)
255	650521		Screw, 10-32 x 1-1/8"
256	610905		Terminal
257	610904		Terminal
257B	610824		Flat Connector (Female terminals) (As req.)
258	610903		Connector, Flat
266	610750		Grommet, Lead wire
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
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)
123A	32008		Element, Air cleaner
172	31990		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