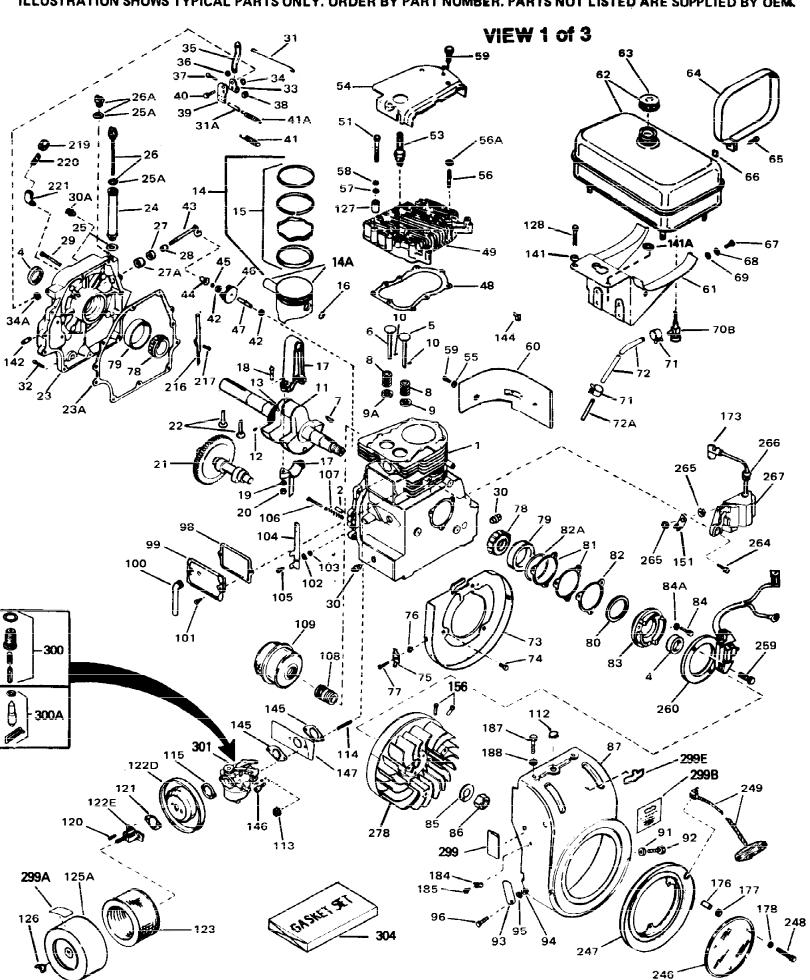
ILLUSTRATION SHOWS TYPICAL PARTS ONLY. ORDER BY PART NUMBER. PARTS NOT LISTED ARE SUPPLIED BY OEM.



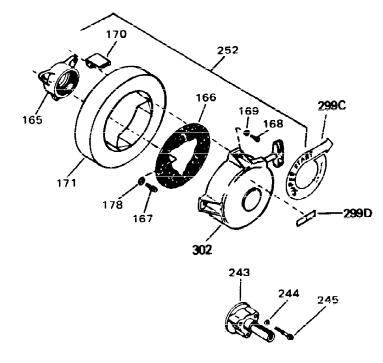
D ("	D (N)	O 1	
	Part Number	Qty	Description
	33042		Cylinder (Incl. 2, 4, 30 & 47) (3-1/2 " Bore)
	27652		Pin, Dowel
	31950		Seal, Oil
	31940		Intake Valve (Std.)
	31941		Intake Valve (1/32" OS) (Incl. 9)
	31942		Exhaust Valve (Std.)
	31943		Exhaust Valve (1/32" OS) (Incl. 9)
	650592		Key, Flywheel
8	31944		Spring, Valve
9A	31945		Cap, Lower valve spring (Std.)
9A	31946		Cap, Lower valve spring (1/32" OS)
9	31946		Cap, Lower valve spring (1/32" OS)
9	31945		Cap, Lower valve spring (Std.)
10	20810		Pin, Valve spring retainer
11	33390B		Crankshaft (Incl. 12, 13, 78 & 79)
12	29783		Pin, Crankshaft gear
13	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)
	32243		Ring Set (.020" OS)
	32625		Ring Set (.020 'OS)
	32626		Ring Set (.030 °CS) Ring Set (.040" OS)
	32336		Re-Ringing Set, Piston
	31919		
	33093A		Ring, Piston pin retaining 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
	29673		* Gasket, Oil fill
	33069		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"
	31964		Clamp, Governor lever
	29193		Ring, Retaining
35	31963		Lever, Governor adjusting
36	650518		Lockwasher

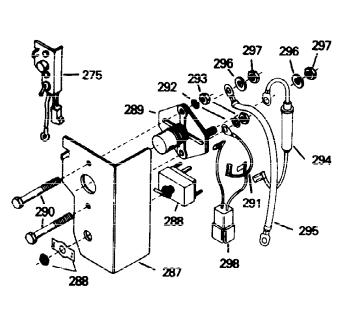
	Part Number	Qty	
37	650544		Screw, 10-24 x 7/8"
38	7975		Nut, 10-24
39	31965		Plate, Governor spring
40	30312		Screw, 10-32 x 1/2"
	31967		Spring, Governor
	30590A		Washer, Flat
	32425		Rod Assy., Governor
	31948		Spool, Governor
	29193		Ring, Retaining
	31947		Gear Assy., Governor
	31930		Shaft, Mechanical Governor
	32246A		* Gasket, Cylinder head
	33034		Head, Cylinder
	650694A		Screw, 5/16-18 x 2" (Use as required)
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	CE0517		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

D-4.11	Deat March en	Otro Description
	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
84 85 86 87 91 92 95 96 98 99 100 101 102 103 104 105 106 107 108 109 112 113 114 115 120	650679 792028 650666 650594 33044A 8274 650595 8274 650624 31958 31957 35350 650128 28558 31966 31984A 650597 650591 33099 32042 32043B 33038 29752 650587 27272 650399 30767	spacersmust be used as required to eliminat Lockwasher, 5/16" (Use as required) Screw, 5/16-18 x 7/8" 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
122E 125A 126 128	32378 32376 32009 650513 650713	Bracket, Air cleaner Bracket, Air cleaner Cover, Air cleaner Nut, Wing Screw, 5/16-18 x 5/8" (Use as require d)
128	650429 792028 8274	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)

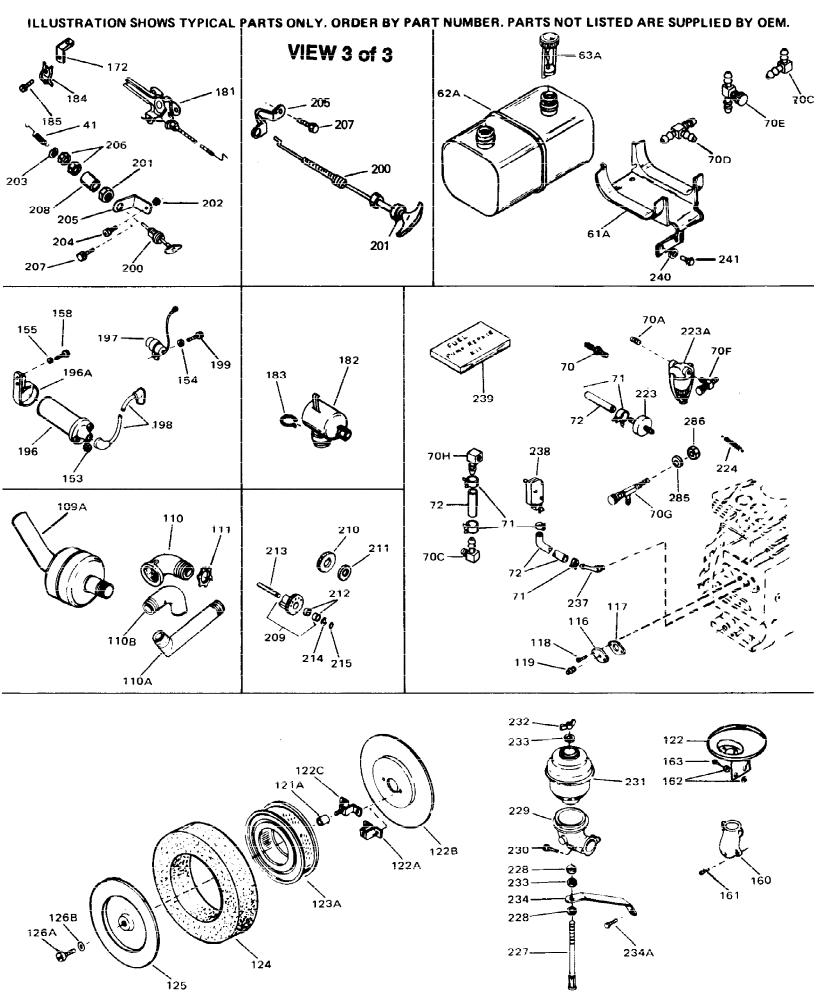
Ref #	Part Number	Qty	Description
141	26073		Washer, Flat (Use as required)
145	31960		* Gasket, Carburetor
147	31959		Baffle, Air
151	33356		Terminal, Ground
156	730201		Trigger Pin Kit (Use as required)
173	610118		Cover, Spark plug (Use as required)
176	32426		Spacer, Screen
177	650675		Washer, Flat 1/4"
	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)
	27793		Clip, Conduit
185	28942		Screw, 10-32 x 3/8"
187	650713		Screw, 5/16-18 x 5/8"
	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)
	610746		Solid State Flywheel
	550223		Decal, Name
	32676		Decal, Solid State
299	34346		Decal, Instruction
299A	31752		Decal, Air cleaner
300	32255A		Valve, Seat, Spring & Gasket Assy.
301	631533		Carburetor (Incl. 145) (Refer to Division 5, Section A, page 94 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





178 27070 Washer, Lock 1/4 E.T	Г. (Use as require d)
470 050075 NN 1 FL (4/4/LL	
178 650675 Washer, Flat 1/4 (Use	e as required)
180 650701 Screw, 8-18 x 7/16" (V	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 11/1	6"(Use w/33835 st r.motor)
235 34276 Plate, Cover (Use as mounting hole in blow	required to cover regulator ver housing)
236 650736 Screw, 10-16 x 3/8" (I	Use as required)
,	ncl. 165, 166, 167, 168, 169 &
253 33018 Harness Assy., Adapt	ter (Use as requir ed)
	State) (10 Amp) (Incl. Nos. 253,
256 610922 Terminal, Female	
	(For female termin als)
· ·	ale terminals) (As req.)
266 610750 Grommet, Lead wire	, , , , , ,
268 610749 Solid State Regulator	r (10 Amp)
275 730198 Starter Switch Kit(Incl	l. 287-298) (As req.)
and 33835 starter mo on the se models. Re on end cap of motor,	of (12 Volt) NOTE: The 32817 of tors are used interchangeably efer to service numberstamped or on decal for identification. Section D for breakdown.



Ref #	Part Number	Qty	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"