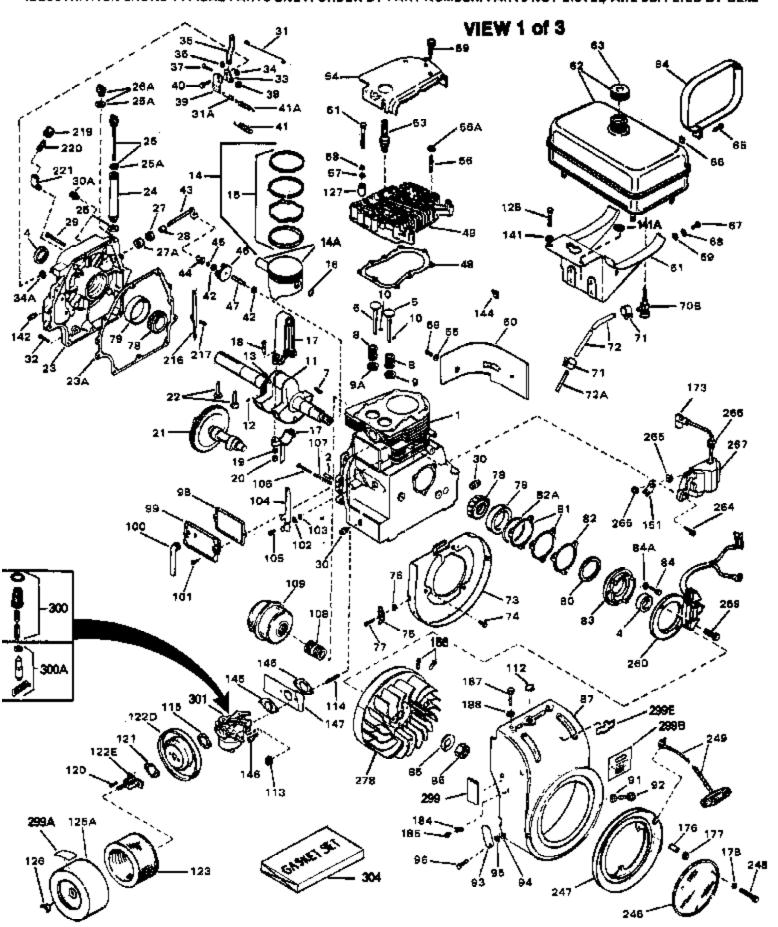
## ILLUSTRATION SHOWS TYPICAL PARTS ONLY, ORDER BY PART NUMBER, PARTS NOT LISTED ARE SUPPLIED BY DEM.



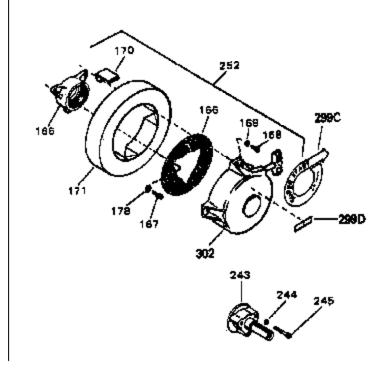
Rof #	Part Number	Otv	Description
	33039	ωιy	Cylinder (Incl.2,4,30,47,119) (3-5/16 ")
	27652		
			Pin, Dowel
	31950		Seal, Oil
	31940		Intake Valve (Std.)
	31941		Intake Valve (1/32" OS) (Incl. 9)
	31942		Exhaust Valve (Std.)
	31943		Exhaust Valve (1/32" OS) (Incl. 9)
7	650592		Key, Flywheel
8	31944		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
	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 (301.) (3-3/10 Bole)
	34510		Piston, Pin & Ring Set (.010 OS)
	34850		Piston, Pin & Ring Set (.030" OS)
	34523		Piston, Pin & Ring Set (.030 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)
15	32321		Re-Ringing Set, Piston
16	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
	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 650451		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"
	7975		Nut, 10-24
39	31965		Plate, Governor spring

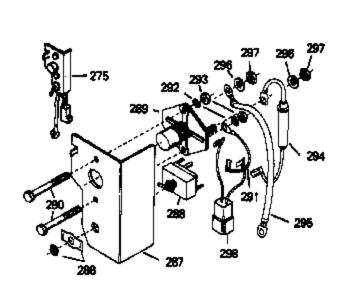
D-f //	Don't Nicosale au	Ο4.	Description
	Part Number	Qty	Description
	30312		Screw, 10-32 x 1/2"
	31967		Spring, Governor
42	30590A		Washer, Flat
43	32425		Rod Assy., Governor
44	31948		Spool, Governor
	29193		Ring, Retaining
	31947		Gear Assy., Governor
	31930		Shaft, Mechanical Governor
	32000A		* Gasket, Cylinder head
	33034		Head, Cylinder
51	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 required)
	650714		Screw, 5/16-18 x 1-5/8" (Use as requi red)
	650697A		Screw, 5/16-18 x 2-1/2" (Use as required)
	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)
53	34251		Resistor Spark Plug (RJ-17LM)
54	33035		Cover, Cylinder head
55	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
	31978		Bracket, Fuel tank
	410144B		Fuel Cap (White Plastic)(Std.)(As req uired)
63	34210		Fuel Cap (Red Plastic) (Spurt resistant, High profile) (Use as
			required)
0.4	04070		Otros First tools
	31979		Strap, Fuel tank
	650451		Screw, 1/4-20 x 1"
	650456		Nut, Flange whiz-lock, 1/4-20
67	650517		Screw, 1/4-20 x 27/32" (Use as requir ed)
67	650561		Screw, 1/4-20 x 5/8" (Use as required )
67	30063		Screw, 1/4-20 x 1/2" (Use as required )
	792028		Screw, 5/16-18 x 7/8" (Use as require d)
	29683		Strainer & Shut-off, Fuel
	26460		Clamp, Fuel line (Use as required)
	30962		
			Fuel Line (Braided) (32") (Use as req uired)
	30965		Fuel Line (Braided) (48") (Use as req uired)
	29774		Fuel Line (Braided) (8.25") (Use as r equired)
	30705		Fuel Line (Braided) (16") (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 gap
00	02001		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

Pof #	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 99 100 101 102 103 104 105 106 107 108 109 112 115 120 121	650679 792028 650666 650594 33044A 8274 650595 8274 650595 31958 31957 35350 650128 28558 31966 31984A 650597 650591 33099 32042 32043B 33038 27272 650399 30767 32810 650513 650713	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 3/8"  * 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 Cover, Air cleaner Nut, Wing Screw, 5/16-18 x 5/8" (Use as require d)
128 128 141 141A 145 146 147	650429 792028 26073 8274 33263 650451 34061 610908 730201	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 Screw, 1/4-20 x 1" Baffle, Air Terminal, Female Trigger Pin Kit (Use as required)

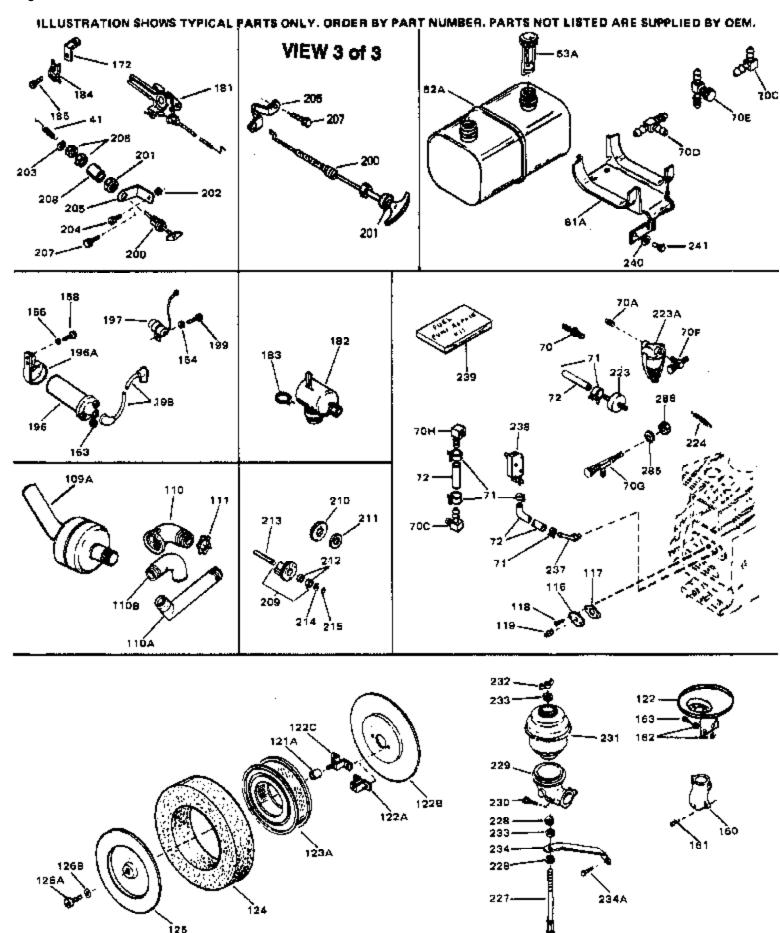
Ref #	Part Number	Qty	Description
173	610118		Cover, Spark plug (Use as required)
176	31992		Spacer, Screen
177	8345		Washer, 1/4 plain (Use as required)
178	27070		Washer, Lock 1/4 E.T. (Use as require d)
178	650675		Washer, Flat 1/4 (Use as required)
184	27793		Clip, Conduit
185	28942		Screw, 10-32 x 3/8"
187	650713		Screw, 5/16-18 x 5/8"
188	26073		Washer, Flat
246	33776		Screen, Starter pulley
247	31980		Pulley, Starter
248	650680		Screw, 1/4-20 x 1-1/2"
	32046		Rope Assy., Starter (Use as required)
264	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
	34346		Decal, Instruction
	550223		Decal, Name
299B	32676		Decal, Solid State
299A	31752		Decal, Air cleaner
	631021		Inlet Needle, Seat & Clip Assy.
301	631975		Carburetor (Incl. 145) (Refer to Division 5, Section A, page 150 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 267A





Ref #	Part Number	Qty	Description
178 180 222 222	27070 650675 650701 792028 650781 34276		Washer, Lock 1/4 E.T. (Use as require d) Washer, Flat 1/4 (Use as required) Screw, 8-18 x 7/16" (Use as required) Screw, 5/16-18 x 7/8" (Use w/32817 st r.motor) Screw,5/16-18 x 11/16"(Use w/33835 st r.motor) Plate, Cover (Use as required to cover regulator mounting hole in blower housing)
	650736 730134		Screw, 10-16 x 3/8" (Use as required) Rewind Starter Kit (Incl. 165, 166, 167, 168, 169 & 291) (Use as required)
254A 255 256 257 257B 258 266 268A 269 270 270A 271 272 273 274	33018 610902 650521 610905 610904 610824 610903 610750 610996 30063 610921 610990 610992 610989 610992 610991 730198 33835		Harness Assy., Adapter (Use as requir ed) Alternator Coil (20 Amp)(Incl.256,257,258) Screw, 10-32 x 1-1/8" Terminal Terminal Flat Connector (Female terminals) (As req.) Connector, Flat Grommet, Lead wire Regulator (20 Amp) (Incl. 270 thru 27 4) Screw, 1/4-20 x 1/2" Connector Connector, Male Terminal, Female Terminal, Female Terminal, Female Terminal, Female Starter Switch Kit(Incl. 287-298) (As req.) 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	ty Description
41	31967	Spring, Governor
62A	31977	Fuel Tank (Incl. 63)
71	26460	Clamp, Fuel line (Use as required)
72	30962	Fuel Line (Braided) (32") (Use as req uired)
72	30965	Fuel Line (Braided) (48") (Use as req uired)
72	29774	Fuel Line (Braided) (8.25") (Use as r equired)
72	30705	Fuel Line (Braided) (16") (Use as req uired)
119	28534	Pipe Plug, 1/8-27 (Use as required)
119	9556	Plug, Pipe, 1/8-27 (Use as required)
122C	32907B	Bracket, Air cleaner
122B	34065	Bracket, Air cleaner
123A	32008	Element, Air cleaner
184	27793	Clip, Conduit
185	28942	Screw, 10-32 x 3/8"