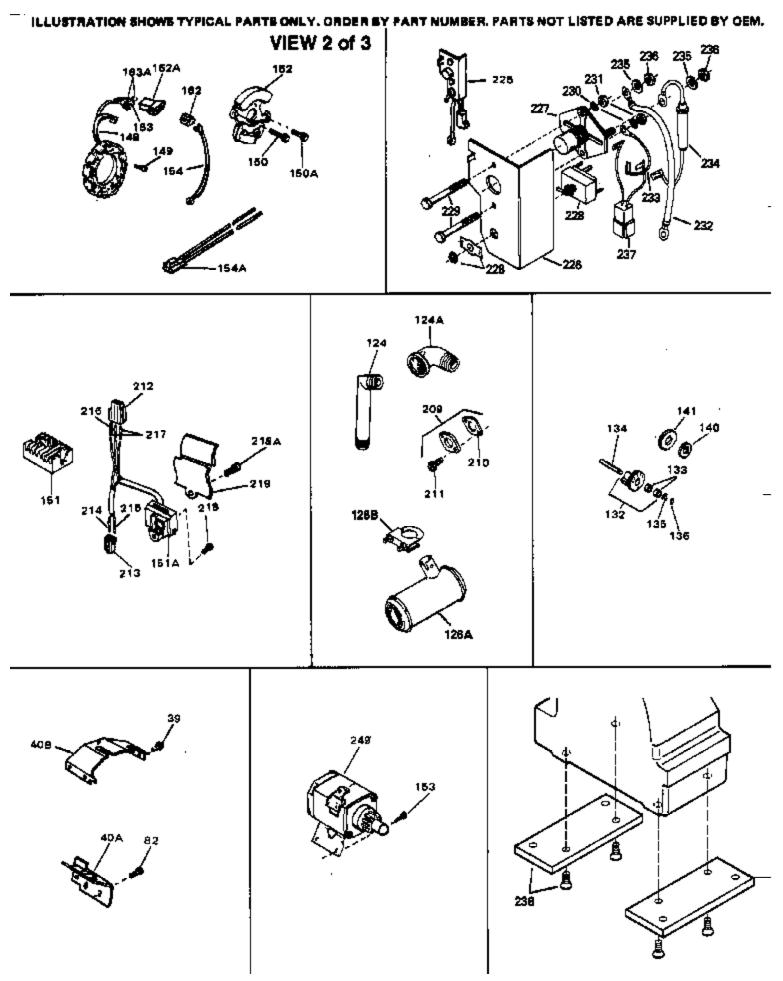


		ty Description
	34623A	Cylinder (Incl. 2, 4 & 33) (3-5/8" Bo re)
	31927	Pipe Plug, 3/8-18 sq. head (Use as re quired)
2	28483	Pipe Plug (3/8-18 hex countersunk) (A s req.)
2		Pipe Plug (3/4-14 sq.hd.)(As req.)(Bu y local)
2	9556	Pipe Plug (1/8-27 sq. hd.) (Use as re quired)
2	28534	Pipe Plug(1/8-27 hex c/sunk headless) (As req)
4	27652	Pin, Dowel
5	34196A	Crankshaft (Incl. 6 thru 9) NOTE: When using this
		crankshaft to repair older units equipped with straight cut can
		and governor gears, it will be necessary to order 34751 helica
		governor gear assembly and 34752 helical camshaft in order
		to the complete the repair.
6	29783	Pin, Crankshaft gear
	31931	Gear, Crankshaft (Straight)
	31932	Bearing, Tapered roller
	31928	Cup, Bearing
	34624	Piston, Pin & Ring Set (Std.) (3-5/8" Bore)
	34625	Piston, Pin & Ring Set (.010" OS)
	34626	Piston, Pin & Ring Set (.020" OS)
	34629	Piston & Pin Ass'y. (Std.)(3-5/8")(In cl. 12)
	34630	Piston & Pin Ass'y. (.010" OS) (Incl. 12)
	34631	Piston & Pin Ass'y. (.020" OS) (Incl. 12)
	34634	• • • • •
		Ring, Piston pin retaining
	34635	Ring Set (Std.) (3-5/8" Bore)
	34636	Ring Set (.010" OS)
	34637	Ring Set (.020" OS)
	34640	Connecting Rod Assy. (Incl. 15, 16 & 17)
	35243	Connecting Rod Assy.(.010" US)(Incl.1 5,16,17)
	35244	Connecting Rod Assy.(.020" US)(Incl.1 5,16,17)
	32077	Bolt, Connecting rod
	26073	Washer, Connecting rod
	28264	Nut Assy.
	33470	Camshaft (MCR) (Straight)
	33472	Lifter, Valve
	33471	Rod, Push
	34643	Intake Valve (Std.)
	34644	Intake Valve (1/32" OS)
	33506	Exhaust Valve (Std.)
	33646	Exhaust Valve (1/32" OS)
	33507	Spring, Valve
	33508	Retainer & Cap Set, Keeper valve
	33509	* "O" Ring (Intake only) (Also Incl. in 251)
	34410	* "O" Ring (Exhaust only) (Also Incl. i n 251)
	33510	Cap, Valve
	33473	Governor Gear & Shaft Ass'y. (Straigh t)
	650745	Washer, Flat
	35479	Washer, Flat (Use with 35322 spool)
	30590A	Washer, Flat
	31948	Spool, Governor
	31956B	* Gasket, Cylinder cover
	32580A	Cylinder Cover Assy.(Incl.2,33,36,37 & 38)
33	31950	* Seal, Oil
34	650451	Screw, 1/4-20 x 1"
35	650588	Screw, 1/4-20 x 2"
	32425	Rod Assy., Governor
	32426	Spacer, Governor rod
	29193	• •

	Part Number Q	-	Description
39	650128	S	Screw, 10-24 x 1/2"
41	34641A	*	Gasket, Cylinder head
42	34642	Н	lead, Cylinder
	34645		Resistor Spark Plug (RN-4C)
	650691		Vasher, Flat
	650690		Vasher, Belleville
	650746		Screw, 5/16-18 x 1-3/8"
	650692		Screw, 5/16-18 x 1-3/4"
	730218		/alve Guide Kit (Incl. 49)
	792035		Ring, Retaining
	33515A		Gasket, Intake pipe
	33475		Pipe, Intake
	650378	S	Screw, Torx T-30, 5/16-18 x 1-1/8"
53	792028	S	Screw, 5/16-18 x 7/8"
54	33476A	*	Gasket, Carburetor
55	34285	В	Baffle, Air extension
56	792075	N	Jut, Lock 5/16-24 (Used in early prod uction)
57	33478		ink, Governor lever-to-throttle leve r
	31963		ever, Governor
	31964		Clamp, Governor lever
	650518		ockwasher, No. 10 E.T.
	30312		Screw, 10-32 x 1/2"
	650544		Screw, Torx T-25, 10-24 x 7/8"
	7975		Jut, 10-24
	31965		
			Plate, Governor spring
	31984A		ever Assy., Control
	28558		Vasher, Wave
	31966		Bushing, Governor lever
	650597		Screw, 10-24 x 5/8"
	31967		Spring, Governor
	650591		Screw, 10-24 x 2"
	33099		Spring
72	32599	"(O" Ring (Incl. in 251)
73	650615	V	Vasher, Flat
74	32579	В	Baffle, Blower housing
75	650561	S	Screw, 1/4-20 x 5/8"
	650592	K	Key, Flywheel
	730201		rigger Pin Kit (Use as required)
	610909		Tywheel
	650616		lut, Flywheel
	610906		Solid State Magneto (Incl. 158 thru 1 61)
	650661		Screw, 1/4-20 x 3/4"
	30063		Screw, 1/4-20 x 1/2"
			Screw, 1/4-20 x 7/16"
	650751 24105P		
	34195B		Blower Hsg.(Incl.218,219)(For elec.st arter)
	8274		Vasher, Lock
	8274		Vasher, Lock
	650595		Screw, 5/16-24 x 3/8"
	650595		Screw, 5/16-24 x 3/8"
	650752		Screw, 1/4-20 x 7/16"
	35475		Tube, Push rod
89	33481	*	"O" Ring (Also Incl. in 251)
90	34754		lousing, Rocker arm
94	33484		"O" Ring (Also Incl. in 251)
	650168		Vasher, Flat
	32610A		Screw, 1/4-20 x 29/32"
	33485		Arm, Rocker
	33486		Ring, Retaining
50			

Dof #	Port Number	011	Description
	Part Number 650755	Qty	Description Screw, 1/4-20 x 3/4"
	650864		Nut, Hex, 1/4-20
	650756		Stud, Rocker arm
	33487		* "O" Ring (Also Incl. in 251)
	33488		Cover, Rocker arm
	31958A		* Gasket, Breather (Also Incl. in 251)
	33489		Body Assy., Breather
	33490		Tube, Breather
	30102		* Screw, 10-32 x 5/8" (Also Incl. in 25 1)
108	650738		Screw, 1/4-20 x 5/8"
111	35471		* Gasket, Air cleaner
114	650399		Screw, 10-32 x 5/8"
115	32008		Element, Air cleaner
117	650513		Nut, Wing
	32426		Spacer, Screen
	32953		Screen
	650670		Screw, 1/4-20 x 3/4"
	650675		Washer, Flat
146	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 gaskets must be limited to a combined total
			of .010" thick. Steel spacersmust be used as required to eli
147	792028		Screw, 5/16-18 x 7/8"
155	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 gaskets must be
			limited to a combined total of .010" thick. Steel
			spacersmust be used a
156	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 gaskets must be
			limited to a combined total of .010" thick. Steel
			spacersmust be used a
157	32031		* Spacer, Steel (.010 thick) NOTE: Determine the gap
107	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 gaskets must be
			limited to a combined total of .010" thick. Steel
			spacersmust be used as re
450	610119		
	610118		Cover, Spark plug
	610750 610408		Grommet, Lead wire
	610908		Nut, 8-32 Terminal, Female
	32252		Shaft, Flywheel extension
	27513		Lockwasher, Split
	792051		Screw, 1/4-20 x 1-3/4"
	33068		Dipstick (Incl. 190)
	29985		"O" Ring
	32352		Tube, Oil filler
	29673		* Gasket, Oil filler tube
	34346		Decal, Instruction
	31752		Decal, Air cleaner
	550223		Decal, Name
2103			

Ref # Part Number	Qty Description
244A 34768	Decal, Name
246 631687	Valve, Seat & Spring Assy.
247 632151	Carburetor (Incl. 54 & 246) (Refer to Division 5, Section A, page 160 for breakdown)
250 33516F	* Gasket Set (Incl. items marked *)
251 35075	"O" Ring Kit (Incl. Nos. items marked +)



Ref #	Part Number 0	Qty Description
39	650128	Screw, 10-24 x 1/2"
40A	34283	Cover, Cylinder head
40B	34284	Cover, Cylinder head
82	30063	Screw, 1/4-20 x 1/2"
126A	35731	Muffler (Incl. 126B)
141		Gear, Counterbalance weight (Straight teeth) (For
		replacement see Ref. 132. Order correct kit for your
		enginemodel number.)
148	610902	Alt.Coil Ass'y. (Incl.162,163,163A) (20 amp)
	650521	Screw, 10-32 x 1-1/8"
	792028	Screw, 5/16-18 x 7/8"(Use w/32817 str .motor)
153	650781	Screw,5/16-18 x 11/16"(Use w/33835 st r.motor)
162A	610903	Connector, Flat
163	610904	Terminal
163A	610905	Terminal
209	730178	Ech.Adapter Kit (Incl.210 & 211)(As r equired)
210	34102B	Gasket, Exhaust (Use as required)
211	30196	Screw, 5/16-18 x 3/4" (Use as require d)
238	730212	Adapter Plate Kit (Optional) NOTE: If you are having
		mounting problems in using a HH100 thru0H180 inplace of a
		large frame competitivebrand, we would like to call your
		attention to 730212 adapter plate kit. The kit converts the
		bottom mounting system found on HH100 thru 0H180 to a
		top mounting sys
249	33835	Electric Starter Motor (12-Volt) (Refer to Division 5, Section D for breakdown)

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

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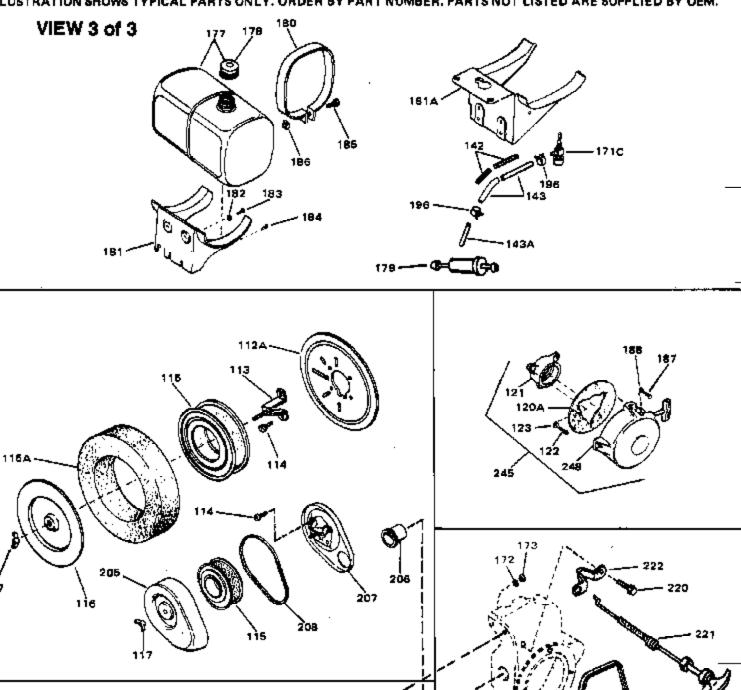
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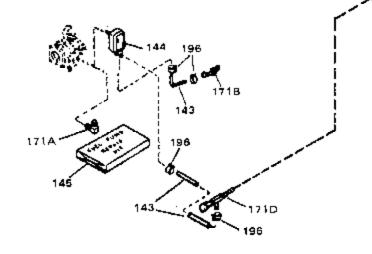
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Ref #	Part Number Qty	Description
114	650399	Screw, 10-32 x 5/8"
115	32008	Element, Air cleaner
117	650513	Nut, Wing
119	32426	Spacer, Screen
122	650670	Screw, 1/4-20 x 3/4"
123	650675	Washer, Flat
143	29774	Fuel Line (Braided 8.25")(21 cm)(As r equired)
143	30705	Fuel Line (Braided 16")(41 cm)(As req uired)
143	30962	Fuel Line (Braided 32")(81 cm)(As req uired)
144	35018	Pump, Impulse fuel
145	33010	Repair Kit, Impulse fuel pump
171B	32958	Fitting, Fuel pump
178	410144B	Fuel Cap (White Plastic)(Std)(As required)
178	34210	Fuel Cap (Red Plastic) (Spurt resistant, High profile) (Use as
		required)
106	26460	Clamp, Fuel line (Use as required)
	34193	Cover, Air cleaner
	34194A	Tube, Air cleaner
	35473	Bracket, Air cleaner
	34197	Gasket, Air cleaner
	730134	Rewind Starter Kit (Incl.120A, 121, 122, 187, 188 & 248)
240		(Use as required)