

	Don't Nivershop	Otto December on
		Qty Description
	34291A	Cylinder (Incl. 2, 4 & 33) (3-1/8" Bo re)
	31927	Pipe Plug, 3/8-18 sq. head (Use as re quired)
	28483	Pipe Plug (3/8-18 hex countersunk) (A s req.)
2	0.550	Pipe Plug (3/4-14 sq.hd.)(As req.)(Bu y local)
	9556	Pipe Plug (1/8-27 sq. hd.) (Use as re quired)
	28534	Pipe Plug(1/8-27 hex c/sunk headless) (As req)
	27652	Pin, Dowel
5	33977B	Crankshaft (Incl. 6 thru 9) NOTE: When using this
		crankshaft to repair older units equippedwith straight cut cam
		and governor gears, it will be necessary to order 34751 helical
		governor gear assembly and 34752 helical camshaft in order
		to the complete the repair.
6	29783	Pin, Crankshaft gear
	34692	Gear Crankshaft (Helical)
	31932	Bearing, Tapered roller
	31928	Cup, Bearing
	34223	Bearing & Seal Assy., Needle
	34222	Bearing, Needle
	34292B	Piston & Pin Ass'y. (Std.)(3-1/8")(In cl.12)
	34293B	Piston & Pin Ass'y. (.010" OS) (Incl. 12)
	34294B	Piston & Pin Ass'y. (.020" OS) (Incl. 12)
	34546	Piston, Pin & Ring Set (Std.) (3-1/8" Bore)
	34547	Piston, Pin & Ring Set (.010" OS)
	34548	Piston, Pin & Ring Set (.020" OS)
	31919	Ring, Piston pin retaining
	34297	Ring Set (Std.) (3-1/8" Bore)
	34298	Ring Set (.010" OS)
	34299	Ring Set (.020" OS)
14	33093A	Connecting Rod Assy.(Std.)(Incl.15, 1 6 & 17)
14	34383	Connecting Rod Assy. (.010" US)(Incl.1 5,16,17)
14	34384	Connecting Rod Assy.(.020" US)(Incl.1 5,16.17)
15	32077	Bolt, Connecting rod
16	26073	Washer, Connecting rod
17	28264	Nut Assy.
	34752	Camshaft (MCR) (Helical)
	33472	Lifter, Valve
	33471	Rod, Push
	33505	Intake Valve (Std.)
	33645	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
	34751	Governor Gear Ass'y. (Helical)
	650745	Washer, Flat
	35479	Washer, Flat (Use with 35322 spool)
	35322	Spool, Governor
	31956B	* Gasket, Cylinder cover
32	34095	Cylinder Cover Ass'y. (Incl. 2, 10, 10A, 33, 36, 37, 38, 93,
00	0.10.50	194 & 195)
	31950	* Seal, Oil
	650451	Screw, 1/4-20 x 1"
	650588	Screw, 1/4-20 x 2"
30	32425	Rod Assy., Governor

Ref #	Part Number Q	ty Description
	32426	Spacer, Governor rod
	29193	Ring, Retaining
	650736	Screw, 10-16 x 3/8"
	33495	Cover, Cylinder head
	34302A	* Gasket, Cylinder head
	34767	Head, Cylinder
	35552	
	650691	Spark Plug (RL-82C) Washer, Flat
		Washer, Belleville
	650690 650603	· · · · · · · · · · · · · · · · · · ·
	650692 650746	Screw, 5/16-18 x 1-3/4"
	650746	Screw, 5/16-18 x 1-3/8"
	730218	Valve Guide Kit (Incl. 49)
	792035	Ring, Retaining
	33515A	* Gasket, Intake pipe
	33475	Pipe, Intake
	650378	Screw, Torx T-30, 5/16-18 x 1-1/8"
	792028	Screw, 5/16-18 x 7/8"
	33476A	* Gasket, Carburetor
	33477A	Baffle, Air cleaner
	792075	Nut, Lock 5/16-24 (Used in early prod uction)
	33478	Link, Governor lever-to-throttle leve r
57A	33983	Link, Governor lever-to-throttle leve r
	31963	Lever, Governor
59	31964	Clamp, Governor lever
60	650518	Lockwasher, No. 10 E.T.
61	30312	Screw, 10-32 x 1/2"
62	650544	Screw, Torx T-25, 10-24 x 7/8"
63	7975	Nut, 10-24
64	31965	Plate, Governor spring
65	34456	Lever Assy., Control
67	31966	Bushing, Governor lever
68	650597	Screw, 10-24 x 5/8"
69	34458	Spring, Governor
	34458	Spring, Governor
	650591	Screw, 10-24 x 2"
71	33099	Spring
72	32599	"O" Ring (Incl. in 251)
	650666	Washer, Lock
	32579	Baffle, Blower housing
	650561	Screw, 1/4-20 x 5/8"
	650592	Key, Flywheel
	610909	Flywheel
	730201	Trigger Pin Kit (Use as required)
	650594	Nut, Flywheel
	610906	Solid State Magneto (Incl. 158 thru 1 61)
	650661	Screw, 1/4-20 x 3/4"
	33479	Extension, Blower housing
	650751	Screw, 1/4-20 x 7/16"
	35674	Housing, Blower
	8274	Washer, Lock
	8274	Washer, Lock
	650595	Screw, 5/16-24 x 3/8"
	650595	·
		Screw, 5/16-24 x 3/8" Screw, 1/4-20 x 7/16"
	650752 35475	Screw, 1/4-20 x 7/16"
	35475	Tube, Push rod
	33481	* "O" Ring (Also Incl. in 251)
	34754	Housing, Rocker arm
93	8345	Washer, Flat

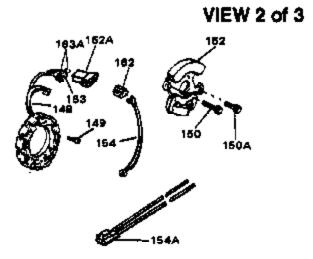
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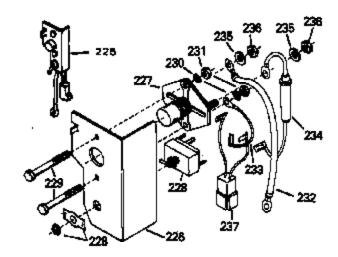
Ref #	Part Number Q	y Description
94	33484	* "O" Ring (Also Incl. in 251)
95	650168	Washer, Flat
96	32610A	Screw, 1/4-20 x 29/32"
97	33485	Arm, Rocker
98	33486	Ring, Retaining
99	650755	Screw, 1/4-20 x 3/4"
100	650864	Nut, Hex, 1/4-20
	650756	Stud, Rocker arm
	33487	* "O" Ring (Also Incl. in 251)
	33488	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)
	650738	Screw, 1/4-20 x 5/8"
	35471	* Gasket, Air cleaner
	35472	Bracket, Air cleaner
	650399	Screw, 10-32 x 5/8"
	32008	Element, Air cleaner
	32810	Cover, Air cleaner
	650513	Nut, Wing
	27070	Washer, Lock
	33450	Nut, Lock, 10-32
	30845A	Bolt, Governor spring adj.
	650488	Screw, 1/4-20 x 1-1/4"
	34457	Bracket, Control
	650168	Washer, Flat
	34113	Plug
	32577	Cover, Cylinder NOTE: Determine the gap between the cover
140	02011	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
		or .010 trilok. 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
150	21072	* Cooket Shim (005/ 007 thick) NOTE: Determine the gan
100	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
		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
		·
	610118	Cover, Spark plug
	610750	Grommet, Lead wire
160	610408	Nut, 8-32

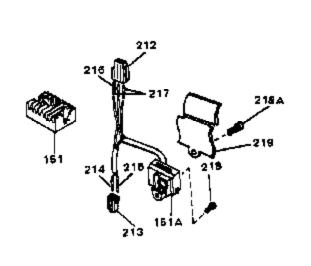
Terminal, Female

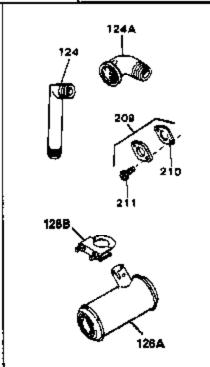
Ref #	Part Number	Qty	Description
189	35599		Dipstick
190	35499		"O" Ring
191	35574		Tube, Oil filler
244B	31752		Decal, Air cleaner
244A	35532		Decal, Name
244	34346		Decal, Instruction
246	631687		Valve, Seat & Spring Assy.
247	632458		Carburetor (Incl. 54 & 246) (Refer to Division 5, Section A, page 204 for breakdown) (Refer to Division 5, Section D for breakdown)
	33516G 35075		* Gasket Set (Incl. items marked *) "O" Ring Kit (Incl. Nos. items marked +)

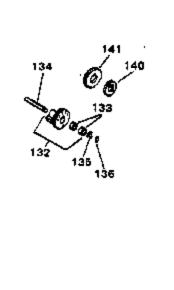
ILLUSTRATION SHOWS TYPICAL PARTS ONLY. ORDER BY PART NUMBER. PARTS NOT LISTED ARE SUPPLIED BY CEM.

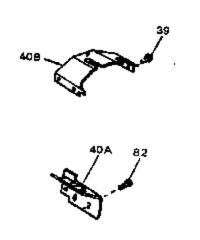


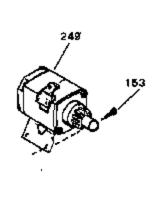


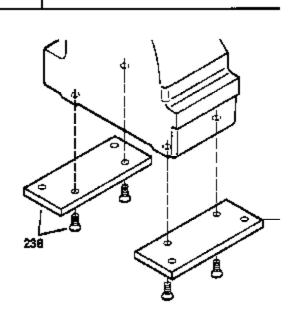






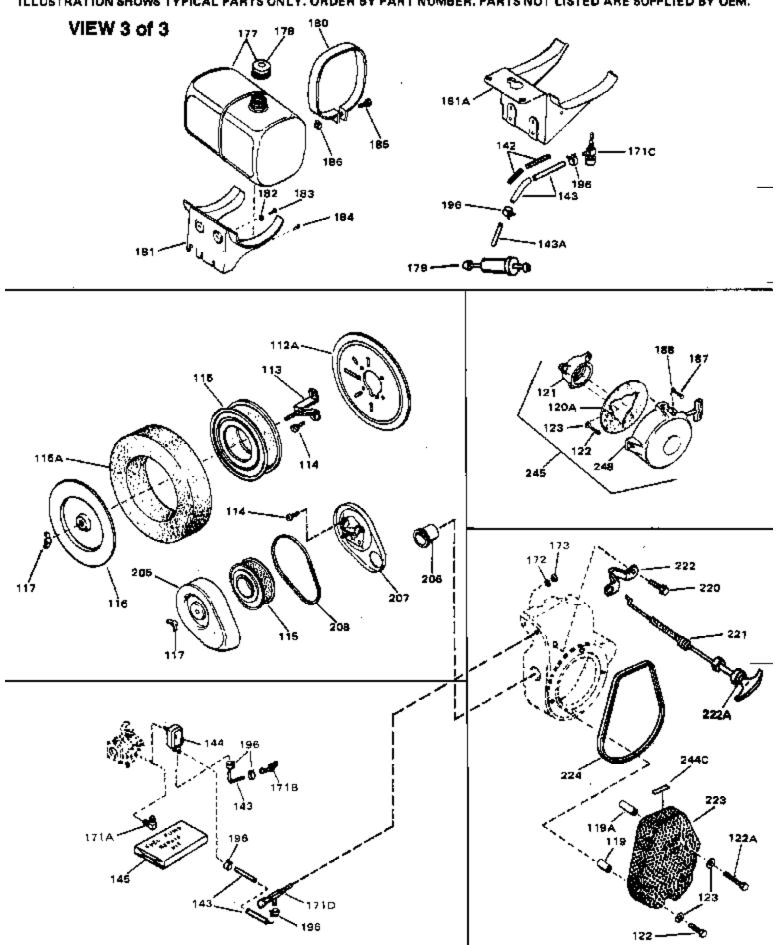






		Qty Description
	650736	Screw, 10-16 x 3/8"
126A	35731	Muffler (Incl. 126B)
141		Gear, Counterbalance weight (Straight teeth) (For
		replacement see Ref. 132. Order correct kit for your
		enginemodel number.)
148	610902	Alt.Coil Ass'y. (Incl.162,163,163A) (20 amp)
149	650521	Screw, 10-32 x 1-1/8"
151A	610996	Regulator (20 Amp) (Incl. 212 thru 21 8)
	792028	Screw, 5/16-18 x 7/8"(Use w/32817 str .motor)
	650781	Screw,5/16-18 x 11/16"(Use w/33835 st r.motor)
	610903	Connector, Flat
	610905	Terminal
	610904	Terminal
	730178	Ech.Adapter Kit (Incl.210 & 211)(As r equired)
	34102B	Gasket, Exhaust (Use as required)
	30196	Screw, 5/16-18 x 3/4" (Use as require d)
	610990	Connector, Male
	610921	Connector
	610922	Terminal
	610989	Terminal
	610992	Terminal, Female
	610991	Terminal, Female
	30063	Screw, 1/4-20 x 1/2"
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

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



Ref #	Part Number	Qty	Description
114	650399		Screw, 10-32 x 5/8"
115	32008		Element, Air cleaner
117	650513		Nut, Wing
120A	35411		Screen, Stationary
123	27070		Washer, Lock
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	33715		Pump, Impulse fuel
145	33010		Repair Kit, Impulse fuel pump
171B	32958		Fitting, Fuel pump
171C	29683		Valve, Fuel strainer & shut-off
177	33979		Fuel Tank (Incl. 178)
178	410144B		Fuel Cap (White Plastic)(Std)(As requ ired)
178	34210		Fuel Cap (Red Plastic) (Spurt resistant, High profile) (Use as
			required)
180	33980		Strap, Fuel tank
181	33978		Bracket, Fuel tank
182	650787		Washer, Belleville
183	650786		Screw, 1/4-20 x 5/8"
184	650785		Screw, 5/16-18 x 5/8"
185	650488		Screw, 1/4-20 x 1-1/4"
186	650456		Nut, Lock
196	26460		Clamp, Fuel line (Use as required)
245	730134		Rewind Starter Kit (Incl.120A, 121, 122, 187, 188 & 248) (Use as required)