

Ref #	Part Number	Qtv	Description
	34915A		Cylinder (Incl. 2, 3 & 4) (2-5/8" Bor e)
	27652		Pin, Dowel
	27642		Pipe plug, 1/4-18
	32630		
			Seal, Oil
5	29536		Blower Housing Baffle (Without electric starter knock out)
			(Use as required)
5	35256A		Blower Housing Baffle (With electric starter knockout) (As
			req.)(point ign.)
•	050504		
	650561		Screw, 1/4-20 x 5/8"
	29538		Base, Engine mounting
	650542		Screw, 5/16-18 x 3/4"
9	35193		Crankshaft
10	29783		Pin, Crankshaft gear (Used on early p rod.)
11	27884		Gear, Crankshaft (Used on early production) This gear is
			serviceable ONLY when it is pinned to the crankshaft.
10	24.464		•
	31461 650625		Bushing, Crankshaft Washer Thrust
	650625		
	31797B		Piston & Pin Ass'y. (Std.)(2-5/8')(In cl.14)
	31798B		Piston & Pin Ass'y. (.010" OS) (Incl. 14)
	31799B		Piston & Pin Ass'y. (.020" OS) (Incl. 14)
	34503		Piston, Pin & Ring Set (Std.) (2-5/8" Bore)
13	34504		Piston, Pin & Ring Set (.010" OS)
13	34505		Piston, Pin & Ring Set (.020" OS)
14	27888		Ring, Piston pin retaining
15	34854		Ring Set (Std.) (2-5/8" Bore)
15	34855		Ring Set (.010" OS)
	34856		Ring Set (.020" OS)
	34750		Rod Assy., Connecting (Incl. 17)
	650662C		Bolt, Connecting rod (Incl. 2 pieces)
	34034		Lifter, Valve
	33156		Camshaft
	30622A		Extension, Blower housing
	650128		
	650561		Screw, 10-24 x 1/2"  Screw, 1/4 20 x 5/8" (Lips on required.)
			Screw, 1/4-20 x 5/8" (Use as required )
	30063		Screw, 1/4-20 x 1/2" (Use as required )
	30684		Gasket Cylinder Cover
	31546		Bushing, Crankshaft
	28427		Seal, Oil
	650451		Screw, 1/4-20 x 1"
	650599		Screw, 1/4-20 x 1-1/2"
	30699C		Rod Assy., Governor (Incl. 30 & 31)
	30700		Yoke, Governor
31	650494		Screw, 6-40 x 5/16"
33	29642		Ring, Retaining
34	31845		Shaft, Mechanical governor
35	30588A		Spool, Governor
36	35479		Washer, Flat
	29193		Ring, Retaining
	30591		Gear Assy., Governor
	31843A		Bracket, Governor gear
	650836		Screw, 10-24 x 1/2"
	32783		Intake Valve (Std.)
	32784		Intake Valve (1/32" OS)
	27878A		Exhaust Valve (Std.)
	27880A		Exhaust Valve (1/32" OS)
43	27882		Cap, Upper valve spring

Ref #	Part Number	Qty	Description
	27881	Qty	Spring, valve
	32581		_ · · · · · · · · · · · · · · · · · · ·
			Cap, Lower valve spring
	650814		Screw, 10-24 x 1"
	35187		Wire, Ground
	32589		Key, Flywheel
	28938C		Gasket, Cylinder head
	30938A		Head, Cylinder
53	33636		Resistor Spark Plug (RJ-8C)
54	610118		Cover, Spark plug (Use as required)
56A	650691		Washer, Flat (Use as required)
56	650697A		Screw, 5/16-18 x 2-1/2" (Use as requi red)
56	650694A		Screw, 5/16-18 x 2" (Use as required)
56	650695A		Screw, 5/16-18 x 2-1/4" (Use as requi red)
56B	650690		Washer, Belleville (Use as required)
57A	30322		Locknut, 8-32
57	29916		Clamp, Governor lever (Use as require d)
58A	32326A		Lever, Governor
	29918		Washer, Lock, No. 8 E.T.
	30205		Bracket, Governor adjusting
	650548		Screw, 8-32 x 5/16"
	29216		Locknut, 10-32
	29826		Screw, 10-32 x 3/4"
	31386		Spring, Extension
	31710		Link, Throttle
	29500		Screw, 8-32 x 3/4"
	27793		Clip, Conduit
	28942		Screw, 10-32 x 3/8"
	610973		
	27896A		Terminal Assy. (Use as required)
			Gasket, Valve chamber cover
	28423		Breather Assy., Valve
	28424		Element, Breather
	28425		Cover, Valve spring box
	650128		Screw, 10-24 x 1/2"
	35350		Tube, Breather
	32446		Grommet, Breather tube
	30593		Clip, Primer line
	27915A		* Gasket, Intake pipe to cylinder
	34712		Flange, Carburetor (Incl. 86A)
	30196		Screw, 5/16-18 x 3/4"
	31688A		* Gasket, Carburetor
	650517		Screw, 1/4-20 x 13/16"
	27272A		* Air Cleaner Gasket (Use as required)
	30767		Spacer, Cleaner (Use as required)
94A	34819		Elbow Assy., Air cleaner (Incl. 90,91,92,93,94,96) (Use in
			730561 assembly only)
101	34823		Bracket, Fuel tank
	29212		Screw, 1/4-28 x 7/16"
	34826A		Fuel Tank (Incl. 105, 181 & 182)
			,
	410144B		Fuel Cap (White Plastic)(Std.)(As req uired)
105	33032		Fuel Cap (Red Plastic) (Spurt resistant, Low profile) (Use as
			required)
105	34210		Fuel Cap (Red Plastic) (Spurt resistant, High profile) (Use as
			required)
40=	05055		• •
	35355		Fuel Cap (Red plastic) (Use as requir ed)
	29774		Fuel Line (Braided, 8 1/4") (Use as r equired)
106	30962		Fuel Line (Braided, 32") (Use as required)

	Part Number	Qty	
	26460		Clamp, Fuel line (Use as required)
108	32158E		Blower Housing (For electric starter)
109	29747B		Screw, 5/16-24 x 21/32"
110	27930A		* Gasket, Exhaust flange
111	32401		Muffler
111C	391026		Opt.Spark Arrest Muf.(Incl.143,143A,1 43B)
	33714		Opt.Spark Arrest Muf.(Incl.112,143,14 4,144A)
	34390		Deflector, Exhaust (Optional)
	30196		Screw, 5/16-18 x 3/4"
	26073		Washer, Flat
	650694A		Screw, 5/16 - 18 x 2"
	32125		Cup, Starter
	35009		Screen, Starter cup
	650815		•
			Washer, Belleville
	8116		Nut, Hex
	29716		Screw, 1/4-28 x 7/16"
	31708		Bracket, Air cleaner
	28820		Screw, 10-32 x 1/2"
	31700		Element, Air cleaner
	31715		Body, Air cleaner
	650152		Screw, 8-32 x 3/8"
	650578		Screw, 8-18 x 3/8" (Use as required)
143A	33171		Screen, Muffler (Use as required)
143B	33185		Cover & tube, Muffler (Use as require d)
144A	33323		Screen, Muffler (Use as required)
144	33700		Cover & Tube, Muffler (Use as require d)
145	34974		Dipstick (Incl. 146A)
146A	29673		* Gasket, Oil fill
	650664		Screw, 1/4-20 x 1-19/32"
	35038		Spacer, Tank bracket
	650456		Nut, Flange whiz lock 1/4-20
	33980		Strap, Fuel tank
	33679		Bushing, Fuel fitting
	33395		Elbow, Fuel strainer
	730561		Air Cleaner Kit
2010	750501		(Incl.74,79,80,87,88,89,90,91,92,94,95,96,97,99,100 & 230C)
			(Used only on engine with an externally vented fully
			adjustable carburetor)
			adjustable carburetor)
201A	730130		Muffler Adapter Kit (Incl.110,112)(As req.)
201	730164		Air Cleaner Ass'y. (Red Poly)(Incl.87,120,121,122,123,124 &
			230)(As req.)
004	700404		, , , , , , , , , , , , , , , , , , , ,
201	730164		Air Cleaner Kit, Mini bike (Incl.87,120,121,122,123 & 124)
			(Use as required)
209	611084		Flywheel
	650872		Stud, Solid State mounting
	34443A		Solid State Assy. (Incl. 54)
	34346		Decal, Instruction
	30547A		Breaker Assy (Used on Std. Point igni tion)
	631021		Inlet, Needle Seat & Clip Assy.
	611077		
			Alternator (Optional)
	650868		Screw, 8-18 x 1-1/8" (3 required)(Opt .)
	611078		Connector, A.C. Lighting (Optional)
	611079		Connector, D.C. Charging (Optional)
	590610		Tube, Centering (Optional)
244	590613		Alternator Shaft (Optional)

Ref #	Part Number	Qty	Description
250	632178	•	Carburetor (Incl. 85) (Refer to Division 5, Section A, page 176 for breakdown)
252	590420A		Rewind Starter (Refer to Division 5, Section C, page 25 for breakdown)
254	33328D		Starter Motor Kit (110-120 volt) This 110-120 volt starter motor kit may have been added to this engine. It can be added only if cylinder hasdrilled and tapped starter mounting bosses and a ring gear flywheel (see#255). Refer to service number stamped on end cap of motor or on decal for identificat
255	30811A		Flywheel (Ring gear flywheel requiredon engines using 110-120 volt starter motor kits listed above) (Used on Std. point ignition before 1982)
255	611042		Flywheel (Ring gear flywheel requiredon engines using 110-120 volt starter motor kits listed above) (Used on Std. point ignition 1982 or later)
255	611085		Flywheel (Minimum ring gear flywheel required on engines using 110-120 volt starter motor kits listed above) (Used on solid state external ignition)
256	33235A		Gasket Set (Incl. items marked*)