

624 MINI ROK 60CC

All parts may be compared to known stock parts to determine legality

624.1 CLASS INTENT:

The intent of the class is to run the engine as produced by the manufacturer. Items inspected may be compared to known stock parts to ensure compliance. Homologation material and factory identification information may be used if deemed necessary.

624.2: EXTERIOR MODIFICATIONS:

No external modifications allowed. Painting of the head fins for advertisement is allowed. No anodizing or coatings of any parts allowed. Unless otherwise specified, non-tech items include gaskets, oil seals and fasteners

624.3: STROKE & BORE

Max bore = 42.10mm (1.657")
Max stroke = 43.10mm (1.697")
Conrod length = 90mm (=/- 0.1mm)

624.4 CARBURETOR:

Dellorto PHBG 18 BS to be run as factory supplied with no modifications. Main jet size and needle clip position are non-tech items.

Venturi: 18mm (.7068") maximum

Slide: #40

Needle: W23

Floats: 4 gram

Emulsion tube: 266AN

Outer pilot: #60

Inner pilot: #50

624.5 CYLINDER HEAD:

Cylinder head – 7.5cc with LAD tool. Squish minimum = .032" (using 1/16" soldier). Subject to inspection with profile gauge.

624.6 AIR BOX:

Air box – silver colored type as factory supplied with engine kit – no modifications allowed – one 23mm tube – addition of #0204 RLV filter insert is allowed (replaces stock factory rubber boot) Also see 618.7.

624.7 PORTS:

Ports checked with LAD tool.
Exhaust height: 1.235"
Exhaust light break check: 1.100"
Inlet port: 0.575"

If check is to be performed by degree method –

Exhaust duration: 156 max
Transfer ports (2): 118.5 max
Inlet: 144 max

624.8 EXHAUST:

Exhaust system to be run as factory supplied with no modifications. Exhaust heat sensor permitted.

624.9 CLUTCH:

Clutch to be run as factory supplied with no modifications. Drum max ID = 84.6mm (3.331"). 10 or 11 tooth only. No oiling of clutch allowed. Clutch subject to test procedure as written under 603.11.2. Using 5000 rpm limit.

624.10 FUEL PUMP:

Fuel pump is original Dellorto as factory supplied. Must be installed between the tank and the carb. Bypass return systems allowed. One conventional fuel filter may be used between the fuel supply tank and the fuel pump.

624.11 IGNITION:

Ignition system to be run as factory supplied with no modifications. Spark plug is non-tech but must be same thread reach as original.

624.12 BEARINGS:

Bearings must be of original manufacturer's specifications. No double row, ceramic ball or other exotic bearings allowed. Ceramic and angular contact type are not allowed. Replacement bearings must be standard type conventional bearing with metal or plastic retainers. They must be of the same dimensions as the original. 625 IAME SWIFT - 60cc