

SERVICE BULLETIN



THE
Indian
MOTORCYCLE COMPANY

Bulletin No. SVB-157

Model 125/5 ENGINE

Subject SPECIFICATIONS

Date April 30, 1974

SPECIFICATIONS FOR 125/5 ENGINE

A. Engine: Single-cylinder, 2-stroke

1. Bore: 55mm
2. Stroke: 52mm
3. Total Capacity: 123.48 cc
(Oversize Pistons: 55.2, .4, .6, .8)
 - (a) Compression Ratio: 9.3:1 (130 lbs. Nominal,
105 lbs. Minimum)
 - (b) Fuel: Premium gas, premix at 20:1 using
2-stroke motorcycle oil ONLY
 - (c) Spark Plug: 14mm with 3/4" length. Standard
plug is: NGK B8ES; or Champion N3G;
or Bosch 275; or Lodge 3HLN
 - (d) Spark Plug Gap: .559mm (.022) minimum to
.635mm (.025) maximum
4. Cylinder to Piston Clearance: .051mm (.002) minimum to } At Skirt
.127mm (.005) maximum }
5. Ring Gap: .051mm (.002) minimum to
.203mm (.008) maximum
6. Piston Ring Side Clearance: .02mm (.0008) minimum to
.06mm (.0024) maximum

B. Ignition System: 110mm diameter flywheel magneto

1. Lighting Coil: 33 watt - 6 Volt, Split Coil
2. Ignition Timing: 2.1mm BTDC (or 21°) (or .083)
3. Point Gap: .356mm (.014) to .406mm (.016) T.D.C.

NOTE: Late 1974 engines will have 116mm diameter flywheel with 60 watt - 6 volt. Timing and point gap remain the same.

