

SERVICE BULLETIN



THE
Indian MOTORCYCLE COMPANY

Bulletin No. SVB-157 (D)

Model P4-70 and
P4-75 Engines

Subject SPECIFICATIONS

Date July 17, 1974

SPECIFICATIONS FOR P4-70 AND -75 ENGINES

A. Engine: Single-cylinder, 2-stroke

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|----------------------|----------------------------|
| 1. Bore: (P4-70) | 45mm |
| 2. Stroke: | 44mm |
| 3. Total Capacity: | 69.98cc |
| a. Oversize Pistons: | 45.2, .4, .6, .8, and 46mm |
| 4. Bore: (P4-75) | 46.5mm |
| 5. Total Capacity: | 74.722cc |
| a. Oversize Pistons: | 46.7 and 47.0mm |

NOTE: The only changes between the P4-70 and P4-75 engines is the bore diameter. All other specifications remain the same. Please refer to Picture No. 1 for detailed information.

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| 6. Compression Ratio: | 9.2:1 (130 lbs. Nominal)
(105 lbs. Minimum) |
| 7. Fuel: | Premium gas, premixed at 20:1
using 2-stroke motorcycle oil
ONLY. |
| 8. Spark Plug: | 14mm with 1/2" length.
Standard plug is: Champion L-78,
or NGK B8HS, or Bosch 240 |
| a. Spark Plug Gap: | .559mm (.022) minimum to
.635mm (.025) maximum |
| 9. Cylinder to Piston Clearance: (At skirt) | .051mm (.002) minimum to
.102mm (.004) maximum |
| a. Ring Gap: | .051mm (.002) minimum to
.203mm (.008) maximum |
| b. Piston Ring Side Clearance: | .02mm (.0008) minimum to
.06mm (.0024) maximum |

