



SPARES for ROYAL ENFIELD & AMAL

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COMPRESSION TESTER (part number 98085)

METHOD

Remove the spark plug. Attach the compression tester connecting tube to the cylinder head at the spark plug hole with the correct size threaded connector.

Attach the meter to the other end of the tube.

With petrol and ignition switched **OFF** open the throttle fully.

Swing the kick start firmly and read the compression pressure off the meter dial. Repeat this operation five or six times – each time reading the pressure indicated on the dial.

(Do not zero the meter – with the release button – until the complete set of readings has been taken.)

Remove the connector tube and refit the spark plug.

READINGS

An engine with a compression ratio of about 8:1 or higher should give readings of approximately

60 psi for the first kick

80 psi for the second then about

90 psi

110 psi

120 psi.

As these figures show, the first reading should be about 50% of the final (sixth) reading.

Readings from an engine with a lower compression – e.g. the standard Bullet – may be considerably lower than the above scale. First reading ought to be approximately 60 psi rising to about 70 – 80 psi on successive readings. On an average Bullet the pressure may not rise very much higher than this.