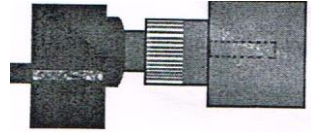


"The original makers of
SMITHS instruments"

RED
BLACK
WHITE or YELLOW



Instructions for EMP46 1&2 Speed Sensor

Caution: Disconnect the negative battery cable prior to any installation

EMP46-1 & 2 are designed to locate and fix in place of the old mechanical speedo cable. They both have 2 female nuts connected together.

One is M12 x 1.5 & the other ½ inch x 26BSC (M22 x 1.5)

The EMP 46-1 is either 3.2mm Square or 3.8mm. The EMP46-2 is 3.2mm

The wiring connections are as follows:

Red is the voltage supply of 5 volts required by the sender.

This should be connected to the Pink wire on a Smiths Mini Speedo.

With Smiths Motorcycle, Proled or Classic Speedometer's an external 12v-5 volt reducing circuit must be used.

Black is ground

should connected to black wire on the Speedometer and then to ground.

Yellow or White is the signal output from the sensor.

It should be connected to the WHITE/BLACK on the Mini, Classic, Proled or Motorcycle Speedometer Harness.

The Sensor is 1 pulse per revolution

Caerbont Automotive Instruments Ltd

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9001:2008 quality standard.