



Instructions for EMP46-5 Speed Sensor

Caution: Disconnect the negative battery cable prior to any installation

EMP46-5kit is 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 46-5 is either 3.2mm Square or 3.8mm if covered by heat shrink.

The wiring connections are as follows:

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

This should be connected to both the Pink and red wires on a Smiths Mini Speedo.

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

Green is ground

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

Brown 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.