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M

MAP Sensor

Manifold Absolute Pressure Sensor.

Main Bearings

The bearings between the crankshaft and the engine case 1)

Magneto Ignition System

ignition system magneto

Manometer (slack tube)

Pressure measuring device using liquid columns in vertical or inclined tubes.

One of the most common is the water filled u-tube manometer used to measure pressure difference in pitot or orifices located in the airflow in air handling or ventilation system. A manometer can also be used to measure engine breathing pressure as a normal maintenance tool for checking ring seal wear.

Micrometer

A precision instrument used to measure outside diameters of parts

Microwelding

Adherence of sporadic particles of aluminum from the piston to the bottom side of the piston ring. 2)

Monograde Oil

Oil with a single viscosity, i.e. SAE80W. AKA Straight Oil

Multigrade Oil

Motor or gear oil that has a wide viscosity range (meeting the requirements of more than one SAE viscosity grade) and thus it can be used in a wider temperature range., i.e. 10W50. The "W" stands for Winter therefore 10W50 oil has a viscosity range from SAE10 when cold to SAE50 when hot. ³⁾⁴⁾

Multimeter

A testing instrument for most electrical things on a motorcycle. There are variations in makes and models but most come with the ability to check for voltage, continuity and resistance (Ohms). Some do not have a buzzer to sound off when continuity is broken but this is a very important feature to have.

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Haynes Sportster manual 1970-2010 pg REF*50

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