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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.

Go To Terminology List

1) ³⁾

Haynes Sportster manual 1970-2010 pg REF*50

2)

<http://papers.sae.org/960745/>

4)

<http://www.oilspecifications.org/articles/lubrication-glossary.php>

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