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O

Octane

The measure of a fuel's resistance to knock or ping ¹⁾

OD

Abbreviation for Outside Diameter

OEM

Original Equipment Manufacturer - OEM items are parts that are designed and built by the vehicle's manufacturer and specifically for their vehicles. Harley-Davidson® is the OEM for all Sportster parts.

Ohms

Ohm Meter

An instrument used for measuring electrical resistance. See also Multimeter

Oil Cooler

A system of bringing the oil to the outside of the motor to receive cooler air flow over it then it's returned back to the engine

Open Circuit

Condition in which there is a break in the electrical current. No continuity (high resistance) ²⁾

Overall Gear Ratios

Represents the number of engine revolutions to turn the rear wheel one full turn.

Overrun

Shutting the throttle at high engine speed (which is the common time to getting exhaust popping). When this happens, the engine sucks hard and the throttle isn't open much which results in a low pressure in the manifold ³⁾ and a high vacuum in the venturi. ⁴⁾ The high vacuum on overrun will be enough to slow the throttle's closure.

Oxygen Sensor

Installed in the exhaust system to allow monitoring of the oxygen in the exhaust flow and converted information sent back with an electrical current

Go To Terminology List

¹⁾ ²⁾

Haynes Sportster manual 1970-2010 pg REF*50

³⁾

FoxsterUK of the XLFORUM <http://xlforum.net/forums/showthread.php?p=5625387#post5625387>

⁴⁾

IronMick of the XLFORUM <http://xlforum.net/forums/showthread.php?p=5625387#post5625387>

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