

will upset the fuel mixture and cause concerns such as rough idle, missing on acceleration or burned valves. If the leak exists in an accessory unit such as the power brake booster, the unit will not function correctly. Always fix vacuum leaks.

DIAGNOSIS AND TESTING > ENGINE > OIL PRESSURE TEST

1.

Disconnect and remove the oil pressure switch (refer to the appropriate article) or EOP sensor (refer to the appropriate article).

2.

Connect a commercially available oil pressure gauge to the oil pressure sender oil galley port.

3.

Run the engine until normal operating temperature is reached.

4.

Run the engine at the specified RPM and record the gauge reading.

5.

The oil pressure should be within specifications, refer to the specification chart in the appropriate article.

6.

If the pressure is not within specification, check the following possible sources:

Insufficient oil

Oil leakage

Worn or damaged oil pump

Oil pump screen cover and tube

Excessive main bearing clearance

Excessive connecting rod bearing clearance

Chain tensioner leak

7.

Remove the commercially available oil pressure gauge.

8.

Install and connect the oil pressure switch (refer to the appropriate article) or EOP sensor (refer to the appropriate article).