

# Oil Pressure Measurement

**Meets NATEF Task:** (A8-D-9) Diagnose engine mechanical, electrical, electronic, fuel and ignition concerns; determine necessary action. (P-1)

Name \_\_\_\_\_ Date \_\_\_\_\_ Time on Task \_\_\_\_\_

Make/Model/Year \_\_\_\_\_ VIN \_\_\_\_\_ Evaluation: 4 3 2 1

\_\_\_\_\_ 1. Locate the oil pressure-sending (sender) unit.

\_\_\_\_\_ 2. Remove the sending unit using the proper size sending unit socket or wrench.

\_\_\_\_\_ 3. Thread a mechanical oil pressure gauge into the thread portion of the engine block where the sending unit was located.

\_\_\_\_\_ 4. Route the oil pressure gauge hose away from the moving components of the engine.

\_\_\_\_\_ 5. Start the engine and check for leaks.



\_\_\_\_\_ 6. Record the oil pressure:

oil pressure @ idle \_\_\_\_\_

oil pressure @ 1,000 RPM \_\_\_\_\_

oil pressure @ 2,000 RPM \_\_\_\_\_

oil pressure @ 3,000 RPM \_\_\_\_\_

**NOTE:** Most engines require about 10 psi per 1,000 RPM.

\_\_\_\_\_ 7. Based on the test results, what is the necessary action? \_\_\_\_\_

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