

# Oil Pressure Measurement

**Meets ASE Task:** (A1-D-9) P-1 Perform oil pressure test; determine needed action.

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 hole 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. Results: (check one)

**great** \_\_\_\_\_ (over 10 psi per 1,000 RPM)

**good** \_\_\_\_\_ (at 10 psi per 1,000 RPM)

**bad** \_\_\_\_\_ (less than 10 psi per 1,000 RPM)

- \_\_\_\_\_ 8. Based on the test results, what is the needed action? \_\_\_\_\_

