

Oil Pressure Measurement

Meets NATEF Task: (A8-A-12) 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:

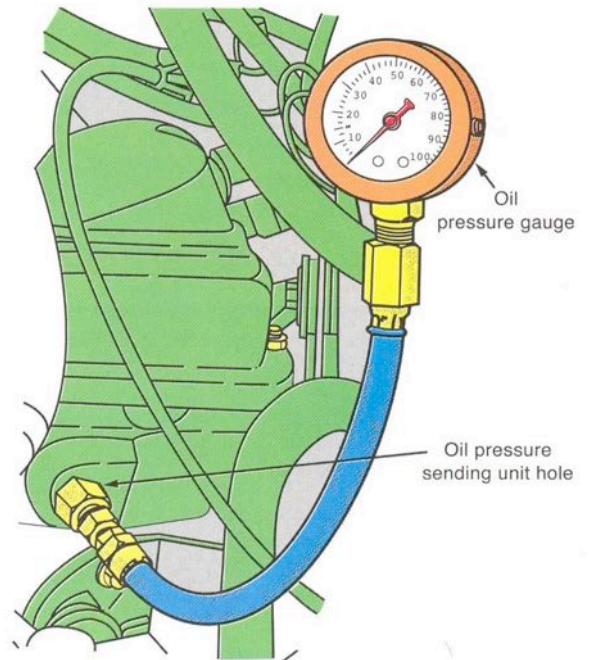
oil pressure @ idle _____

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. 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 necessary action? _____
