

# Diesel Engine Operation Diagnosis

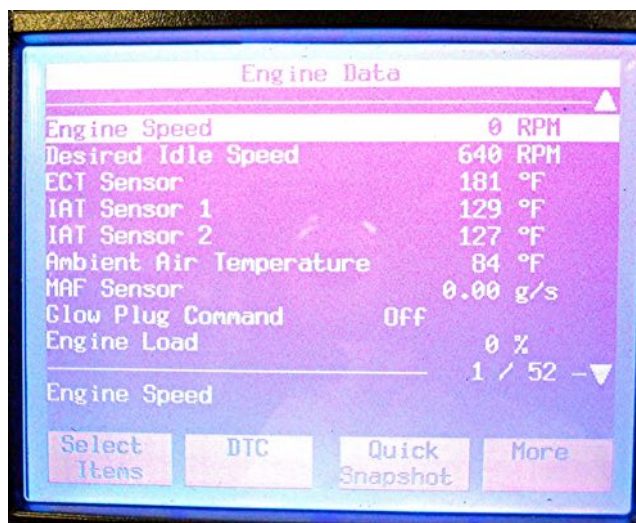
Meets ASE Task: (A9-A-13) Diagnose rough engine operation; determine the needed actions.

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

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

\_\_\_\_\_ 1. Check the operation for the following and check all that apply.

- |   |  |
|---|--|
| <input type="checkbox"/> Surging                          | <input type="checkbox"/> Rough on          |
| <input type="checkbox"/> Misfiring                        | <input type="checkbox"/> Low power         |
| <input type="checkbox"/> Slow deceleration (slowing down) | <input type="checkbox"/> Shut-down problem |
| <input type="checkbox"/> Slow acceleration (speeding up)  |  |



\_\_\_\_\_ 2. Check the PCM for any stored diagnostic trouble codes and list any found.

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\_\_\_\_\_ 3. Check scan tool data for possible causes of engine operating faults. \_\_\_\_\_

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\_\_\_\_\_ 4. Based on the inspection and diagnosis, what is the needed action? \_\_\_\_\_

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