

Fuel Pump Current Draw Test

Meets ASE Task: A8 – D-8 – P-1

Name: _____ Date: _____ Time on Task: _____

Make/Model/Year: _____ VIN: _____

Evaluation (Enter number from 4, 3, 2, 1) : _____

☐ 1. Many electric fuel pumps can be measured for current draw in amperes. An abnormal amperage draw may indicate a fuel flow restriction, an electric supply concern or a worn pump.

☐ 2. Check the service information for the fuel pump current draw test procedures.

☐ 3. Connect the digital multimeter, set to read amperes (A) and connect the red lead to the positive (+) of the battery. Connect the black lead to the fuel pump test terminal. The pump should run, and an amperage reading should be observed on the meter. (Allow the pump to run for 30 seconds.) Confirm the reading with acceptable specifications.

Reading = _____ amp

Normal readings: 2 to 5 amps (9-13 psi)

4 to 8 amps (35-45 psi)

8 to 12 amps (55-64 psi)

☐ 4. Based on the test results, what is the needed action?

