TASK Demonstrate the proper use of a digital multimeter (DMM) when measuring source voltage, voltage drop (including grounds), current flow, and resistance.

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6A4	6A3	6A3	

Time on_____

Time off_

Total time_

CDX Tasksheet Number: C641

NOTE This task is best performed on either the CDX DVOM simulator, a physical simulator, or a bugged vehicle.

- 1. Ask your instructor what lighting circuit he/she would like you to perform the following meter readings on. List circuit here:
- **2.** Using the appropriate wiring diagram as a reference and a DMM, determine the following:
 - a. Measured source voltage (at battery): ______ volts
 - b. Measured voltage drop (positive side of circuit): ______ volts
 - c. Measured voltage drop (negative side of circuit): ______ volts
 - d. Measured resistance of light: _____ ohms
 - e. Measured current flow through light: _____ amps
- 3. Were any of the readings out of specification? Yes: _____ No: _____
 - a. List your observations:
- **4.** Have your supervisor/instructor verify satisfactory completion of this procedure and any observations found.

