

Diagnose Electrical/Electronic Circuits

Meets ASE Task: (A6-A-4) Diagnose electrical/electronic integrity for series, parallel, and series-parallel circuits using principles of electricity (Ohm's Law). (P-1)

Name _____ Date _____ Time on Task _____

Make/Model/Year _____ VIN _____ Evaluation: 4 3 2 1

_____ 1. Check service information to determine the specified diagnosis procedures to follow for a slowly operating wiper motor. This circuit is a:

- _____ Series
- _____ Parallel
- _____ Series-Parallel

_____ 2. One tail light is dim, all other exterior lighting operates normally. Check service information to determine the specified diagnostic procedure to follow for a dim tail light.

This circuit is a:

- _____ Series
- _____ Parallel
- _____ Series-Parallel

_____ 3. A cranking motor rotates too slowly to start the engine. Check service information to determine the specified diagnostic procedure to follow to correctly diagnose this circuit.

