1. Check service information for the recommended method for locating shorts, grounds, and opens.

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

Meets ASE Task: A6 – A-6 – P-1

Time on Task:\_\_\_\_\_\_\_\_\_\_\_\_\_

Make/Model/Year:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

VIN:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date:\_\_\_\_\_\_\_\_\_\_\_\_\_

Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Locate Shorts, Grounds, and Opens**

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2. Follow the recommended troubleshooting procedure to locate the short-to-ground. Check all that apply.

\_\_\_\_ Short finder

\_\_\_\_ Ohmmeter attached to the fuse panel with the fuse removed.

\_\_\_\_ Voltmeter attached to the fuse panel with the fuse removed.

\_\_\_\_ Ammeter attached to the fuse panel with the fuse removed.

\_\_\_\_ Sonic short finder

\_\_\_\_ Other (describe)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

3. Most diagnostic test procedures include checking for proper power and ground at the component that is not functioning.

Is there voltage at the component when the circuit is activated?Yes \_\_\_ No \_\_\_

Is there continuity between the ground connection at the component and a good chassis ground? Yes \_\_\_ No \_\_\_

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

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