

# Locate Shorts, Grounds, and Opens

Meets ASE Task: A6 – A-6 – P-1

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

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

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

1. Check service information for the recommended method for locating 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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