

Locate Shorts, Grounds, and Opens

Meets NATEF Task: (A6-A-2, A6-A-11) Locate shorts, ground, and opens; determine the necessary action. (P-1s)

Name _____ Date _____ Time on Task _____

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

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

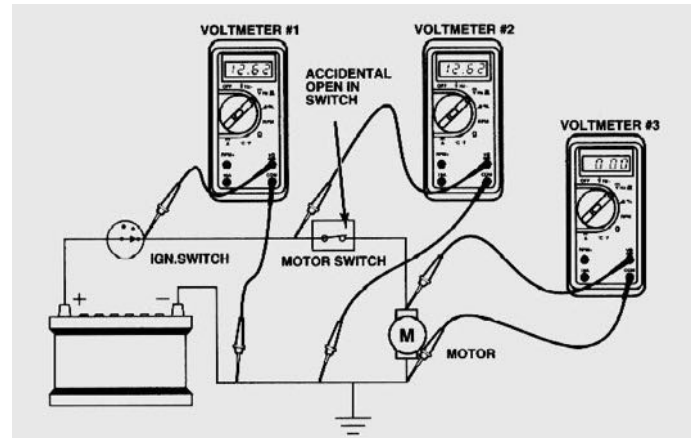
_____ 2. Follow the recommended troubleshooting procedure to locate the short-to-ground. Check all that apply.

- _____ 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.

- a. Is there voltage at the component when the circuit is activated?
 Yes _____ No _____
- b. 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 necessary action? _____