

ANSWER KEY TO CHALLENGE SHEET

ACCESSORY AND SAFETY SYSTEMS CHALLENGE 2

Customer's Concern: I never see the voltage gauge digitally displayed on the dashboard. Shouldn't it be displayed all the time?

Customer Vehicle: Buick LeSabre

Possible Causes of This Challenge:

1. Open in wire supplying power to gauge.
2. Open ground.
3. Defective gauge.
4. Failure of printed circuit board or its connection.

Safety First Practices to Follow:

1. Wear safety glasses at all times.
2. Connect vehicle exhaust system to a vent hose in a closed shop.
3. Watch out for moving or hot parts when making under-hood inspection.
4. Follow all safety rules when using hand tools.

Tools and Equipment Required:

1. Vehicle service information.
2. Digital multimeter.
3. Jumper wires.
4. Instrument tester variable resistor.
5. Appropriate charging system tester.