

ANSWER KEY TO CHALLENGE SHEET

ANTILOCK BRAKES CHALLENGE 3

Customer's Concern: Since I put the oversized tires on the rear of my car, the brakes have not been operating the same. The ABS doesn't seem to pulsate on slippery surfaces.

Customer Vehicle: Ford Explorer Sport

Possible Causes of This Challenge:

1. ABS not calibrated to tire size.
2. ABS not functioning.
3. Wheel sensor disconnected.

Safety First Practices to Follow:

1. Wear safety glasses at all times.
2. Use proper procedure when using a lift or a jack and jack stands.
3. Use manufacturer's instructions when using test equipment.
4. When road testing a vehicle, be aware of distractions, such as tuning a radio.

Tools and Equipment Required:

1. Vehicle service information.
2. Hand tools.
3. Digital multimeter.
4. Flashlight or shop light.
5. Hoist or jack and jack stands.