

## ANSWER KEY TO CHALLENGE SHEET

### ANTILOCK BRAKES CHALLENGE 7

**Customer's Concern:** A few days ago I was parking my car and hit the curb pretty hard with the right front wheel. Since then the brakes don't seem to be working right. Now when I apply the brakes, it pulls very hard to the left.

**Customer Vehicle:** Ford Mustang.

#### Possible Causes of This Challenge:

1. Bent wheel and rotor.

#### Safety First Practices to Follow:

1. Properly raise vehicle on lift or use a jack and jack stands.
2. Use proper manufacturer's instructions to check ball joints.
3. Properly set vehicle up on alignment machine.
4. Use caution when handling tires; embedded nails and glass can cut your hands.

#### Tools and Equipment Required:

1. Vehicle service information.
2. Torque wrench.
3. Proper measuring device to check ball joint wear.
4. Alignment machine.
5. Electronic wheel balance machine (preferably one that can verify radial force variations.)