

## ANSWER KEY TO DRUM BRAKES CHALLENGE 1

### DRUM BRAKES CHALLENGE 1

**Customer's Concern:** The right rear wheel of my vehicle seems to be dragging. It is very hot, smells, and is smoking.

**Customer Vehicle:** Ford Ranger.

#### **Possible Causes of This Challenge:**

1. A seized or binding wheel cylinder piston.
2. A restricted brake line. (R/S brake grabbing—mismatched pads, improper installation of brake parts.)
3. A seized or binding parking brake cable. (R/F wheel bearing loose.)
4. A damaged rear wheel bearing.

#### **Safety First Practices to Follow:**

1. Wear safety glasses at all times.
2. Use proper procedure to lift vehicle on a lift or with a jack and jack stands.
3. Use approved method of cleaning brake dust (an approved vacuum or wet washer).

#### **Tools and Equipment Required:**

1. Vehicle service information.
2. Hand tools.