

## FUEL SYSTEMS CHALLENGE 2

### NATEF Standard(s) for Engine Performance:

**D1** Diagnose hot or cold no-starting, hard starting, poor driveability, incorrect idle speed, poor idle, flooding, hesitation, surging, engine misfire, power loss, stalling, poor mileage, dieseling, and emissions problems on vehicles with injection-type fuel systems; determine necessary action.

**Directions:** Read the challenge below and then list (1) Possible Causes, (2) Safety First Practices, and (3) Tools and Equipment Required if a technician were to perform a Quick ✓ Check.

#### CUSTOMER'S CONCERN

My car won't stop running when I turn off the ignition. It finally stops running only after ten or fifteen seconds of "coughing" and "sputtering."

**Customer Vehicle:** Chevrolet Camaro.

#### Possible Causes of This Challenge:

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_

#### Safety First Practices to Follow to Quick ✓ Check This Challenge:

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_

#### Tools & Equipment Required to Quick ✓ Check This Challenge:

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_