

# Ignition System Identification

**Meets NATEF Task:** (A8-A-2) P-1 Research applicable vehicle and service information, such as engine management system operation, vehicle service history, service precautions, and TSBs.

Name \_\_\_\_\_ Date \_\_\_\_\_ Time on Task \_\_\_\_\_

Make/Model/Year \_\_\_\_\_ VIN \_\_\_\_\_ Evaluation: 4 3 2 1

\_\_\_\_ 1. Check service information and determine what type of ignition system is used on this vehicle?

- \_\_\_\_\_ Distributor ignition (DI)
- \_\_\_\_\_ Waste-spark (EI)
- \_\_\_\_\_ Coil-on-plug
- \_\_\_\_\_ Other (describe) \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_



\_\_\_\_ 2. Check service information and determine what type of primary circuit switching device is used on this system.

- \_\_\_\_\_ Pickup coil (pulse generator) Used on most distributor-type ignition systems.
- \_\_\_\_\_ Hall-effect sensor
- \_\_\_\_\_ Magnetic sensor
- \_\_\_\_\_ Optical sensor
- \_\_\_\_\_ Other (describe) \_\_\_\_\_

\_\_\_\_ 3. What color wires are used on the switching device?

\_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

\_\_\_\_ 4. Using service information, determine where the primary ignition switching device signal goes:

- \_\_\_\_\_ Ignition control module (ICM)
- \_\_\_\_\_ Computer (PCM)
- \_\_\_\_\_ Other (describe) \_\_\_\_\_