

Ignition System Identification

Meets ASE 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) _____