**Meets ASE Task:** (A8-C-5) P-2 Inspect, test, and/or replace ignition control module, powertrain/engine control module; reprogram/initialize as needed.

Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date:\_\_\_\_\_\_\_\_\_\_\_\_\_

Time on Task:\_\_\_\_\_\_\_\_\_\_\_\_\_

Make/Model/Year:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

VIN:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Evaluation (Enter number from 4, 3, 2, 1) :\_\_\_\_\_\_\_\_\_

**Primary Ignition Inspection and Testing**

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******[ ]  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.** Check service information and determine what color wires are used on the switching

 device?

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

**[ ]  4.** The primary ignition switching device signal goes to the:

 **[ ]** Ignition control module (ICM)

 **[ ]** Computer (PCM)

 **[ ]** Other (describe) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**[ ]  5.** Using the service information, what are the steps to diagnosis a no-spark condition?

 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**[ ]  6.** Could a fault in the primary ignition sensor cause a no-spark condition?

 Yes **[ ]** No **[ ]**

**[ ]  7.** Based on inspection and tests, what is the needed action? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_