

Position Sensor Diagnosis

Meets ASE Task: A8 – C-4 – P-1

Name: _____ Date: _____ Time on Task: _____

Make/Model/Year: _____ VIN: _____

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

- ☐ 1. Check service information for the type of sensor used for the crankshaft position (CKP) and the camshaft position (CMP).

☐ CKP – Describe the type of sensor _____

☐ CMP – Describe the type of sensor _____

- ☐ 2. Check service information and determine the recommended testing procedures for testing the CKP sensor.

Wire colors and their purpose:

Wire #1 _____

Wire #2 _____

Wire #3 _____

Recommended testing procedure and specifications: _____

Test results: _____ OK ☐ NOT OK ☐

- ☐ 3. Check service information and determine the recommended testing procedures for testing the CMP sensor.

Wire colors and their purpose:

Wire #1 _____

Wire #2 _____

Wire #3 _____

Recommended testing procedure and specifications: _____

Test results: _____ OK ☐ NOT OK ☐

- ☐ 4. Based on the test results, what is the needed action? _____