

Position Sensor Diagnosis

Meets ASE Task: (A8-C-2) P-1 Inspect and test crankshaft and camshaft position sensor(s); perform needed action.

Name _____ Date _____ Time on Task _____

Make/Model/Year _____ VIN _____ Evaluation: 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? _____