

PCM Actuators Diagnosis

Meets ASE Task: (A8-A-9) P-2 Inspect and test computerized engine control system sensors, PCM/ECM, actuators, and circuits using a GMM/DSO; perform needed action.

Name _____ Date _____ Time on Task _____

Make/Model/Year _____ VIN _____ Evaluation: 4 3 2 1

_____ 1. Check service information for the specified method and procedures to follow to check for proper operation of PCM-controlled actuators.

_____ 2. Check all that apply:

- ___ Use a factory scan tool.
- ___ Use a generic OBD-II scan tool.
- ___ Use a DMM to check for resistance on communication circuits.
- ___ Use a fused jumper wire and a scan tool to diagnose communication errors.



___ Other (describe) _____

_____ 3. List the actuators that can be tested.

- | | |
|----------|----------|
| a. _____ | f. _____ |
| b. _____ | g. _____ |
| c. _____ | h. _____ |
| d. _____ | j. _____ |
| e. _____ | k. _____ |

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