

# PCM Actuators Diagnosis

**Meets NATEF Task:** (A8-B-3) Inspect and test computerized engine control system sensors, PCM/ECM, actuators, and circuits using a GMM/DSO; perform necessary action. (P-1)

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 necessary action? \_\_\_\_\_

\_\_\_\_\_