



SLO Assessment Cycle for AUTO 99E

Basic Engine Performance Diagnostic Procedures

Assessment Initiated by: [Pete Vernazza](#) (8216) in AUTO

Outcomes:

Outcome 1: Statement

The student will be able to demonstrate how to properly retrieve DTC's from a Powertrain Control Module (PCM), retrieve Freeze Frame Data from a PCM, and retrieve Inspection/Maintenance (I/M) Readiness Status from a PCM.

Assessment Cycle Records:

Outcome 1: Assessment Planning Modified: [09/22/2011]

Assessment Strategy Used:

Quarter: Spring 2011

Assessors: Pete Vernazza

Assessment Tools: Performances/Demonstrations

Sections being assessed: 55

Outcome 1: Reflect & Enhance Modified: [09/22/2011]

Number of people involved in Reflection and Enhancement: 1

Changes:

Methods:

For 6 weeks leading up to this exam, students had been performing various forms of Diagnostic Trouble Code (DTC), Freeze Frame and Inspection Maintenance (I/M) retrieval from a Powertrain Control Module (PCM) using a scan tool. This task had a simple goal - the student connects a scan tool to the vehicle, establishes communication with the PCM, then requests the desired information.

Summary:

The results of this test were very encouraging as all 24 students were capable of connecting the scan tool, establishing communication with the PCM and requesting the required information via the scan tool. I have several students that lack automotive experience but have shown that they have the ability to learn and have shown success in the particular task.

Enhancement (Part I):

Nothing at this time as the students excelled at this particular test.

Enhancement (Part II):

n/a

[Number of Outcomes for AUTO 99E: 1]