



## SLO Assessment Cycle for AUTO 99C

*Introduction to Engine Performance Systems*

Assessment Initiated by: Pete Vernazza (8216) in AUTO

### Outcomes:

#### Outcome 1: Statement

The student will be able to demonstrate the ability to properly install a distributor into an engine, install spark plug wires in the proper firing order and set ignition timing to specifications.

### Assessment Cycle Records:

#### Outcome 1: Assessment Planning Modified: [06/27/2012]

##### Assessment Strategy Used:

Quarter: Winter 2012

Assessors: Pete Vernazza

Assessment Tools: Performances/Demonstrations

Sections being assessed: 55

#### Outcome 1: Reflect & Enhance Modified: [06/27/2012]

Number of people involved in Reflection and Enhancement: 1

##### Changes:

##### Methods:

Each student was given an engine where the distributor had been removed. They had 15 minutes to install it, start the engine, then set ignition timing to specifications. The students were told 3 weeks in advance that this would be part of their performance final exam. Points were awarded based on the student's ability to perform the task and follow directions per the procedure. A maximum of 30 points were available.

##### Summary:

Twenty students succeeded and earned the full 30 points. Six students successfully installed the distributor and made the engine run, however, did not follow directions when it came to setting the ignition timing properly. One student was not able to start the engine. In order to succeed at this task, most students needed more practice which would have improved their results. I was pleased that 25 out of 26 were able to start the engine, even though setting ignition timing was unsuccessful.

##### Enhancement (Part I):

n/a

##### Enhancement (Part II):

n/a

[ Number of Outcomes for AUTO 99C: 1 ]