

Advanced Natural Gas Vehicle Training

Module 2: Diagnosis and Repair

Lesson 2: Quick Check Scan-tool

Lecture: 30 Minutes.

Lab: None

Classroom Instructional Objectives:

Upon completion of this unit of instruction the student will be able to:

- Explain how to safely operate a scan-tool.
- Explain how to connect the scan-tool to the vehicle being tested.
- Explain how to navigate through the menus.
- Analyze data stream and develop a diagnostic strategy.
- Explain how to interpret trouble codes with the aid of a scan-tool.
- Explain how to clear adaptive and code memories.
- Explain how to record and review a movie.

Key Classroom Points:

- Explain the importance of safely operating a scan-tool.
- Explain how to locate and connect the scan-tool to the vehicle being tested.
- Explain how to navigate through menus.
- Stress the importance of accurately analyzing data stream.
- Stress the importance of properly extracting trouble codes and following manufacturers recommended repair procedures.
- Explain special features like adaptive memory clearing and code clearing.
- Explain how to arm a movie.
- Explain how to review a movie.
- Stress the importance of using a scan-tool as a diagnostic aid.

Advanced Natural Gas Vehicle Training

Lab Skill Objectives:

Upon completion of this unit of instruction the student will be able to:

- None

Key Lab Points:

- None

Classroom Materials:

- Attendance sheet
- Power Point presentation CD
- Lap-top
- Projector
- Instructor's guide
- White board marking pens
- Projection screen

Handouts:

- Power Point slide materials

Instructor's notes:
