

POWERTRAIN SPECIALIST

CHRYSLER J2534 MODULE PROGRAMMING

Description:

The Society of Automotive Engineers (SAE) designed the J2534 interface standard for flash reprogramming emission-related Electronic Control Units (ECU).

The J2534 protocol allows independent aftermarket facilities to reprogram emission related ECU's without having to purchase specialized dealer-only equipment.

This course will provide technicians with information on programming J2534 modules found on Chrysler vehicles. Demonstrations will highlight determining the current calibration of a vehicle and reprogramming the PCM using the Chrysler's TechAuthority website.

Learning Outcome:

Upon successful completion of this lesson, participants will learn to replace and reprogram Chrysler PCMs.

Objectives:

Upon successful completion of this lesson, participants will learn to:

- Identify the current calibration of a vehicle
- Identify modules on the vehicle that can be programmed
- Program the modules and perform post programming procedures

Performance indicators:

- Program modules using the J2534-1 protocol
- Identify the modules on the vehicle that can be programmed
- Successfully navigate the Chrysler website and program the vehicles modules

Prerequisites:

There is no prerequisite for this module. However, participants familiar with vehicle electronics will find this course beneficial

Primary Audience:

Technicians who are responsible for the diagnosis and repair of vehicle electronic systems

Secondary Audience:

General Interest