

AVI ON DEMAND

ONLINE TECHNICIAN TRAINING

LBT-133:F.R.E.D. Busses the Body

The body control module (BCM) and CAN technology on GM vehicles is very complex and is central to the control system. Like it or not these systems are here to stay. Every tech needs to know how to diagnose and repair these GM specific systems and this program will provide the information you need.

In this class David Hobbs takes the mystery out of testing and repairing problems on interior electronic FREDs. He explains what BCMs do, BCM inputs and outputs, multiplexing and bussing. He also covers power moding on awake and asleep modules, battery rundown and load shedding.

Runtime : 92 minutes



Supplements

Testing Resources
Manual
Videos
Discussion Forum
Certificate

Topics Covered

Introduction to GM Body Wiring Electronics Complexity and BCMs
Names and Functions of GM BCMs/Body Electronic Controls
BCM's and Serial Data Bus Interactions/ Engine No Start Case Study
BCM Operation-How their Internal Circuitry Works
Bus Masters and Power Mode Master-Control and Wake Ups

RAP-Retained Accesory Power- How it works with a BCM
Controlling Electrical Load-Preventing Batter Demise
Setting up BCMs- Configure Them Right!
Hands on BCM Diagnostics-Includes Re-flashing BCM/Case Study
BCM Real World Case Studies-Power Locks Case & CAN Communications Case