

## LBT-237: FRED Kicks the CAN

Do you know what to do when your scan tool says "No Communications"? Can you quickly diagnose those dreaded "U-Codes" that report serial bus problems? The average vehicle today has more than \$8,000 in electronic content with more modules (a.k.a. F.R.E.Ds. - Frustrating Ridiculous Electronic Devices) as well as smart sensors connected to communications networks. In order to accurately diagnose, you must understand how these systems work.

Dave Hobb's will show you how you can use your volt meter, ohm meter, lab scope, and scan tool to diagnose network problems on the vehicles in your shop. Both the latest CAN buses as well as earlier networks on Ford, GM, Toyota, & Chrysler are not only explained, but veteran AVI instructor Dave Hobbs shows you exactly how to get to a diagnostic decision quick with the latest real world training.

Watch the hands-on training action, learn all the latest tricks and kick that CAN bus problem right out the door!

Still unsure if you need this class? This is a completely expanded and updated course from Dave's original "F.R.E.D. Takes The Bus." If you liked that class - you will LOVE this latest project that demonstrates diagnostics on all makes and models of vehicles ranging from 10 years old to brand new!

**Runtime: 252 minutes**



### Supplements

Testing Resources  
Manual  
Videos  
Discussion Forum  
Certificate

### Topics Covered

CAN Data and History	Chrysler Data Bus Evolution
Evolution of Busses	Chrysler ABS No Communication
What is Serial Data Bus	Ford Live Testing, Serial Data, Verifying the Repair
Class2 Loop Configuration	GM LAN Communication & Case Study
Star & Hybrid Configurations	GM Labscope Test
GM No Communication Case Study	Interfacing the Tech2 with a GM LAN Vehicle
GM Data Bus Case Study	Toyota Communication Systems & Live Testing
GM Verifying the A/C Repair	