

LBT-73:F.R.E.D. Takes the Bus

Data-bussing and multiplexing can be complex and aggravating, but F.R.E.D. (Frustrating, Ridiculous, Electronic, Devices) can help solve the mystery behind it. In this course, Dave Hobbs brings his 30+ years of experience to show you how the electronic modules communicate with each other to help you tackle this tough issue and save diagnostic time.

Dave uses hands-on demonstrations with the Snap-On MT2500, the Vetronix Tech2, and the Mastertech to explain: data bus layouts, voltages, wiring, and baud rates. He tells you what to do when your scan tool says "no data" or its display flashes. Dave explains the difference between a "UART data bus" and a "class 2 data bus" and the difference between lo op and star configurations.

Topics Covered

- How to "ping" a module to find out if it is active
- Explains terms like "binary" and "hexadecimal"
- Case studies on no-start and no-communication issues

Runtime:71 minutes



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