

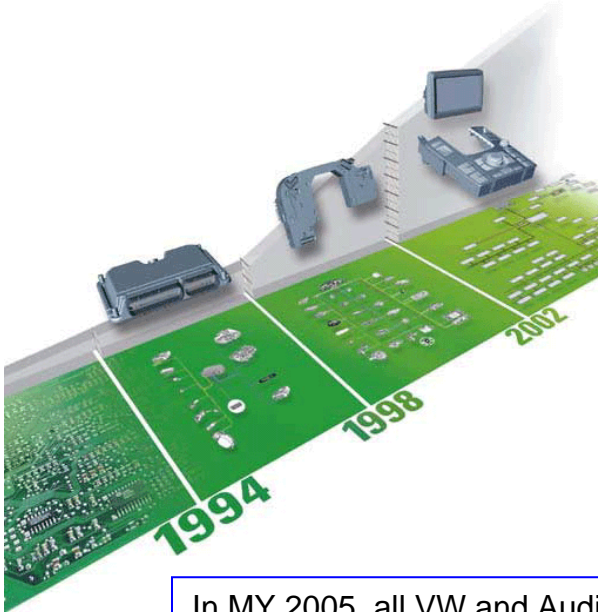


Euro Systems Automotive Training Inc

Volkswagen and Audi Advanced CAN (Controller Area Network) for 2010

Modern Volkswagen & Audi automobiles utilize different CAN systems to interconnect and communicate within the network structure. There are four main reasons why most manufacturers needed to establish the CAN system.

- **Safety**
- **High Speed Data Transfer**
- **Reliability**
- **Emissions**



CAN Networks

The increase of control units for convenience and functionality now requires the uses of an even more wide range of electronic communications and standards.

CAN Topology

This includes and not exclusive to:

- Twisted pair CAN
- Lin
- MOST
- RS232
- Bluetooth
- FlexRay

In MY 2005, all VW and Audi controllers are on full CAN diagnostics

This seminar and workshop is a must for the repair facilities and technicians to get a grasp on the latest technology. This includes a detailed manual, resource CD with graphics on the entire CAN system to 2008.

NOTE: There is a prerequisite to this seminar. All attending technicians or shop owners must have completed the VW and Audi Data Blocks seminar. It will be impossible to comprehend this seminar otherwise.

**VW and Audi training with technical support
Call 1-866-245-7602 Email: esatinc@esatinc.ca**

Topology and what you should know



The twisted pair CAN with the images on the left, will become standard equipment in these models.

Volkswagen

Passat, Jetta/City, Golf, Beetle R32, Touareg, Tiguan, Eos, Rabbit

Audi

A3, A5, A4, A6, A8L, TT, TTR, R8, Q7, S/RS



Can you:

Distinguish single/dual channel mode in CAN.

Diagnose a fiber optic system.

Understand the LIN commands.

See and comprehend CAN on the scan tool.

Test CAN signals and message headers.

Isolate CAN sub systems.

Diagnose/Repair any of these systems

There are 84 known control addresses built into the VW and Audi model line up. Some, but not all controllers are installed.

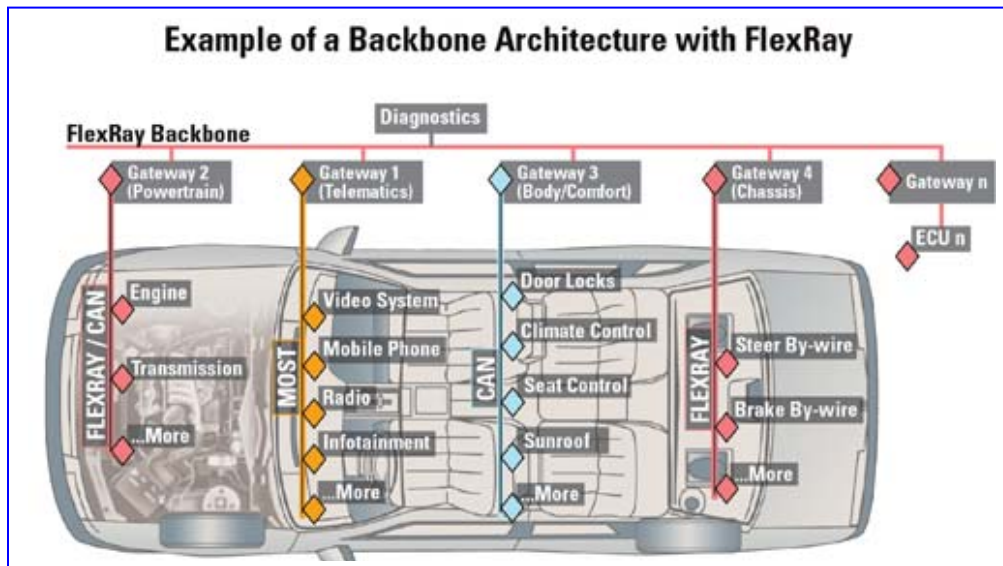
In this seminar, you will know its structure, connection, behavior and communication status via scan tool and oscilloscope patterns.

This seminar includes live data within the power point presentation. Technicians will follow the included CAN Resource manual, CD, live data with the presentation. Bring your Data Blocks manual and resources from that CD, on your laptop.

Time	=	Money
Training	=	Efficiency
Efficiency	=	Money
Knowledge	=	Power
Power	=	Money

This is the way of the future.
This is how I teach.
This is what you need to learn.
There are no answers, it's the choices that are made. (AF)

This is the future!



Conventional mechanical and hydraulic systems can only go so far. Likewise, the in-vehicle serial data buses that pass electronic signals between a vehicle's electronic control units (ECU) and associated electronic devices can no longer cut it. The future is FlexRay—a new communications protocol designed for the high data transmission rates required by advanced automotive control systems. These are the same control systems that, in the next few years, are expected to replace nearly every hydraulic line and mechanical cable in today's automobiles with wire-based networks, sensors, and actuators.

**Schedule your reservation for this class by contacting:
Euro Systems Automotive Training Inc. at 1-866-245-7602
Reservations and seating is limited.**



Secure Payment options.

Seminar Date:
Host facility:

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