



Technical Training *for* Technicians Delivered *by* Technicians

## Essential CAN Bus & Vehicle Network Knowledge

### Course Overview

*If you want to understand how modern vehicle network systems including CAN Bus work this course is the place to start.*

This course has been designed to give you the understanding & confidence to diagnose and test all the different network systems found on today's vehicles.

Having a good understanding & confidence in this field is very important for any technician in today's workshop due to the high volume of networks found on today's vehicles.

### Course Content

- A brief history of network development
- What the different networks are called including how they are different
- How to identify the different networks
- How to test the various networks found on today's vehicles

There is ample practical work within this course to reinforce the classroom learning, including expert help from experienced technicians.

### Prerequisites

There are no prerequisites for this training event however having attended the Essential Electrical Knowledge course plus the Scope course would be an advantage.

### Course Outcomes

Upon completion you will be able to:

- Have a better understanding of vehicle networks
- Understand which equipment to use when testing a network
- Test different networks in the correct manner
- Identify common faults within vehicle networks
- Understand the term "missing message" as a DTC within an ECU
- View a vehicle network (CAN) on a scope and understand the waveform

You will know how to approach a vehicle network fault with more confidence and carry out the correct tests, using the correct equipment in the correct order, to provide a fix in the shortest timeframe.