



Technical Training *for* Technicians Delivered *by* Technicians

## Essential ABS/ESP Knowledge

### Course Overview

*If you want to understand how modern vehicle braking (ABS) & dynamic stability systems (ESP) 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 ABS/ESP 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 complex-ability and integration of these systems within the current vehicle lineup.

### Course Content

- A brief history of ABS development
- How the different systems work
- How to identify the different systems
- How to test the various components 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 ABS & ESP systems
- Understand which components are critical for system operation
- Test the different sensor types
- Identify common faults within the system
- Understand the term "missing message" as a DTC within an ECU
- Interrogate and calibrate the system using a scan tool

You will know how to approach an ABS/ESP 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.