



# Vehicle diagnostic strategies

This is a two day, advanced level vehicle diagnostics course. It is aimed at experienced technicians who would like to further develop and fine tune their existing fault finding skills.

Course aims are to assist technicians with successful diagnosis of modern vehicle electronic systems. They will learn how to effectively think 'outside of the box' when diagnosing complex, difficult to find faults.

During the course, delegates will learn how to take a structured, disciplined approach to fault finding. They will learn how to effectively gather information, analyse fault symptoms and develop and implement strategies for diagnosing faults.



Delegates will put into practice what they have learnt to diagnose faults on live vehicles. Working in small teams, they will have to formulate and implement procedures for diagnosing the faults based upon careful analysis of the symptoms. They will then diagnose the fault using appropriate available tools, equipment and technical information. At the end, they will compile a detailed report to explain their test procedures, the results obtained and justify their final diagnosis.

The objectives are that by the end of the course delegates will be able to demonstrate a positive change of approach to vehicle diagnostics that will improve first time fix rates and reduce vehicle down time, thereby producing cost and time saving benefits for both businesses and customers alike.

## **Pre requisites**

To attend this course, candidates must have a detailed knowledge and understanding of modern vehicle electronic systems and general fault finding disciplines, with particular regard for the following main subjects:

- Vehicle electrical principles and circuit testing techniques.
- Electrical components testing techniques.
- Oscilloscope diagnostics.
- CAN bus and integrated systems.
- Petrol engine management diagnostics.
- Common rail diesel fuel systems.

To enquire about the Vehicle diagnostic strategies course, contact AK Training directly.



**Telephone:** 01908 579309    **Mobile:** 07968 842274

**E-mail:** [enquiries@akautomotivetraining.co.uk](mailto:enquiries@akautomotivetraining.co.uk)

**www.akautomotivetraining.co.uk**