

# Welcome to the Common Rail Diesel Fuel Systems Course

with AK Automotive

Course instructor:

**Tony Kitchen**

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## About AK Automotive

Tony Kitchen (AK Automotive) offers professional technical courses for those working in the motor industry wanting to improve their knowledge and skills and who are serious about personal development.



Courses are based upon over 25 years practical motor industry experience and extensive hands on technical knowledge of subject matter (not possible to obtain from reading a book or watching CD's and DVD's)!

A comprehensive programme of courses is available from AK Automotive. Courses run from regular venues in the Milton Keynes, Northampton and Evesham (South Worcestershire) area. Courses can also be delivered on site at clients premises anywhere in the UK. Overseas training services are also available. This presentation forms the basis for a generic common rail diesel course which is now undergoing development and will be available in the near future.

For further information about courses, course dates, fees, venues and all other enquiries including on site and overseas training, please contact AK Automotive directly.

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# Course content

- Emission legislation and technical developments
- Introduction to common rail
- Common rail fuel system main components
- Low and high pressure fuel delivery
- High pressure fuel pumps
- Fuel metering and pressure control
- Injectors, types, operation and testing
- Control functions of the engine ECM
- EOBD
- Fault diagnosis and system testing
- Practical tasks.

# What you get from the course

The course is workshop based using live vehicles and working engine rigs.

Workshop sessions are supported by technical presentations and demonstrations.

At the start of the course you will receive a detailed set of course reference notes to take away at the end.

You have the opportunity to get hands on with up to date diagnostic equipment and technical information systems.

You will gain a detailed knowledge and understanding of common rail diesel fuel systems.

You will be able to effectively evaluate fault conditions and carry out effective diagnosis of common rail diesel fuel systems.

By the end of the course you will have gained knowledge and skills that will be useful to you when working on common rail diesel fuel systems.



The Common Rail Diesel Fuel Systems course from AK Automotive is a detailed 1 day course designed to provide you with the knowledge and skills required for carrying out effective diagnosis of modern common rail diesel fuel systems.

AK Automotive has extensive knowledge and first hand experience of working with common rail diesel fuel systems both at vehicle manufacturer level and in the aftermarket.

To book a place on the next Common Rail Diesel Fuel Systems course and to find out about technical publications from AK Automotive, contact:

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