



Go Further

T25.2EC

Diesel Engine Management - Car

Do you understand how the latest Diesel common rail systems work and how to accurately diagnose them? If the answer is no then this course is for you!

Course Aim:

To ensure the correct diagnosis and understanding of Common Rail Diesel engine management systems on Ford passenger vehicles

Subject Matter Includes:

General Information:

- Common Rail overview
- Assignment of systems
- Precautions

Low Pressure Fuel Systems

- Low pressure systems
- Transfer pumps
- Fuel filters

High Pressure Fuel Systems

- High pressure Diesel pumps
- Venturi nozzle
- Injectors

Common Rail Management Systems

- General information
- Glow plug systems
- Fuel metering and pressure control

Turbochargers

- Types of turbocharger used
- Operation of turbochargers
- Control of boost pressure

Emission control

- Exhaust emissions
- Diesel Particulate Filters (DPF)
- Exhaust Gas Recirculation (EGR)
- Sensors and Actuators

Method: Classroom and practical work sessions

Note: Dress code for this course is smart casual. Delegates participating in practical exercises will need to bring PPE. Refer to course joining instructions for further details.

Target Audience:

- Diagnostic Technician

Level:

Intermediate

Course Duration:

2 days

Cost:

£165 +VAT per day

BOOK YOUR COURSE

1. Call the Ford College to check available dates and training location. Please inform the Ford College Team that you are a *Ford Blue Oval Club Member*
2. If you are new to Ford College Training, please complete an Enrolment Form
3. Ford College will contact you to confirm your course booking
4. Receive your booking confirmation and joining instructions
5. Attend your course

CONTACT FORD COLLEGE

T: 01327 30523

F: 01327 305710

E: fcollfav@ford.com