

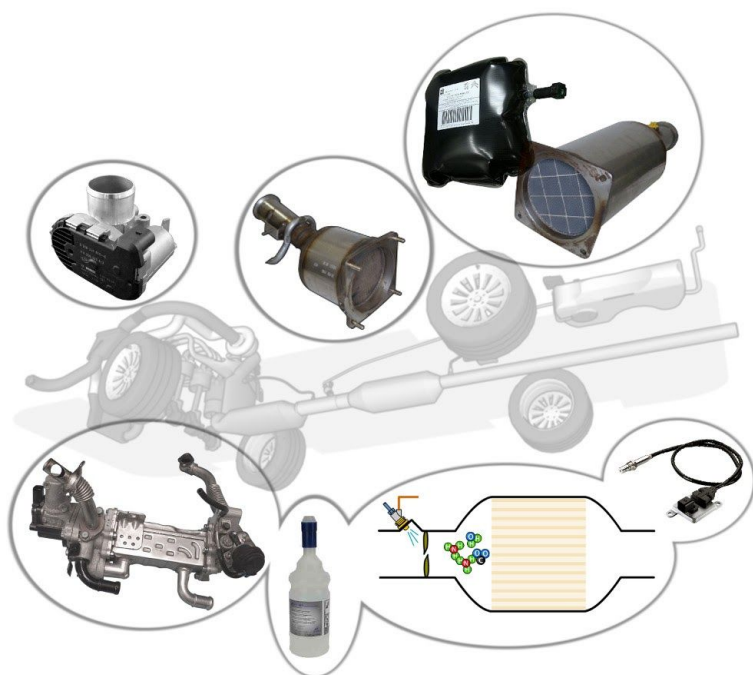
Learn automotive technology online with practical training modules. Online training modules designed by automotive professionals, for developing mechanics and people who dream about becoming a mechanic. All products and purchases comes with a 100 % money back guarantee.



Product Sheet - Prodiags Automotive Online Training Module

## Diesel Exhaust Gas Technology

Diesel exhaust gas technology is full of abbreviations. What do you know about EGR, DPF, SCR, etc? Learn everything you need to know about these technologies and become an expert in the field with this online training module. Learn how the systems work, and how to diagnose them in case of a possible fault. Learn the right ways of repairing and servicing these systems with this online training module for mechanics.



- Exhaust gas components and systems
- Exhaust Gas Recirculation (EGR) from vacuum controlled valve to dual circulation systems
- Cooling of exhaust gases and circulation boosting
- EGR control principles and repairs
- After treatment components
- Particle filter systems and their regeneration
- SCR catalysts and how they operate
- After treatment malfunctions, service and repairs

Language: English

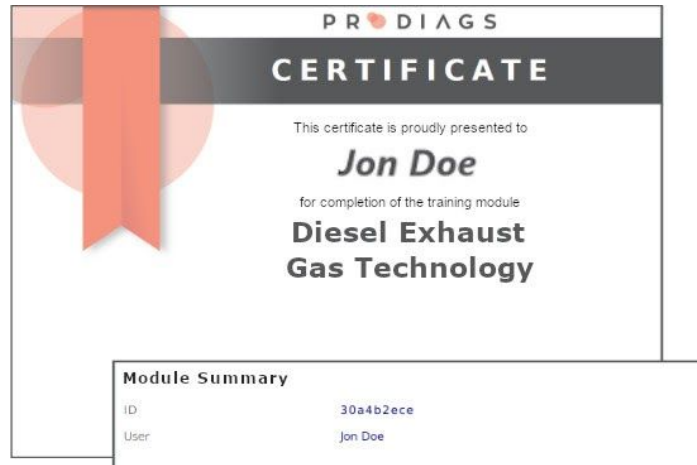
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## LEARNING OUTCOMES

As a result of taking this module you will be better equipped to understand manufacturers' diesel exhaust gas technology and systems. A deeper understanding of symptoms and faults will help you become more effective with troubleshooting and maintenance.

### Certificate

After completing your module of study and approved completion of the exercises, you will be allowed to take the final exam. After completing the final exam, you can print a Prodiags certificate from your attainments register as proof of your expertise.



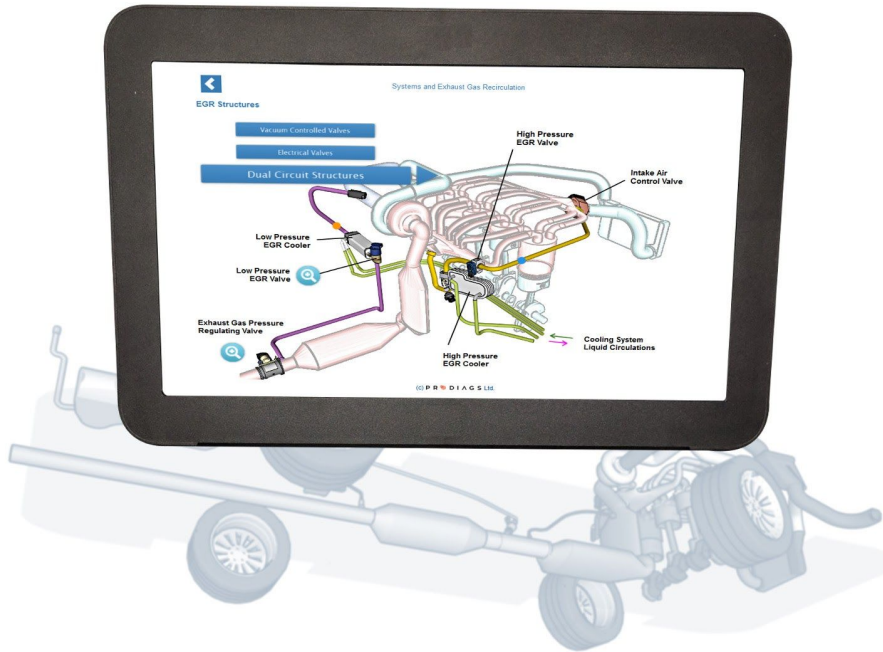
## INTRODUCTION

### Why this module?

Ever-stringent emission regulations have driven diesel engines improvements and harmful emission reduction systems. This rapid development poses new challenges for the maintenance and repair of diesel engines.

### What will you learn?

EGR valves, catalytic converters, diesel particle filters, SCR catalysts and AdBlue are all part of daily life in the workshop. This learning module will help you become familiar with these topics, whether or not you have model-specific knowledge. Each chapter includes information on basic operation and essential principles for mechanical technicians. Examples from experts will provide good general guidelines on responding to indicator lights and identifying which service and repair procedures are needed to resolve issues.



Diesel exhaust gas technology troubleshooting is time consuming and spare parts are expensive. This material will help you learn how to avoid hazards and develop your knowledge to become a more professional mechanic.



## PREREQUISITES

To reach all learning outcomes you need to have a basic knowledge of engine operation and mechanical systems. Troubleshooting experience will also help you to understand how to apply the learning in practice.

### System Requirements

Internet connection and PC or laptop with browser. Recommended screen resolution 1024 x 768 or higher.

### Updates

We want to make sure that you always have the latest version of our product. Prodiags reserves the right to make real time updates and changes. This way you'll always have the best version, without extra fees.

### Content Equivalence

This modules topics and objectives correspond in scope to a conventional 2 day training event. Once you have made your payment, you get immediate access to the content. You'll save time and money by not needing to travel.

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