PRODIAGS

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

Brake Service and Maintenance

Brake service and repair is probably one of the most common additional jobs that are linked in connection to the interval service. Every mechanic has to master the basics of brake servicing and be able to perform it on different brake system structures, be this an older passenger car or a new electric car.

- Recognising different structures and components, and knowing how they function
- Assessing the need for service and repair
- Front- and rear brake service
- Drum brake service
- Attending to electric- and mechanical parking brakes
- Brake cylinder inspection and service
- Bleeding the brake fluid circuit correctly
- Changing the brake fluid

Language: English

SKU: SKU 060.0200.010.000.EN

LEARNING OUTCOMES

In the training module you will receive the basic knowledge and skills of brake servicing. By combining this knowledge and the practical brake service training you've done, you're ready to work as a mechanic with the skillset to perform inspections during interval services and additional jobs according to visual defects.

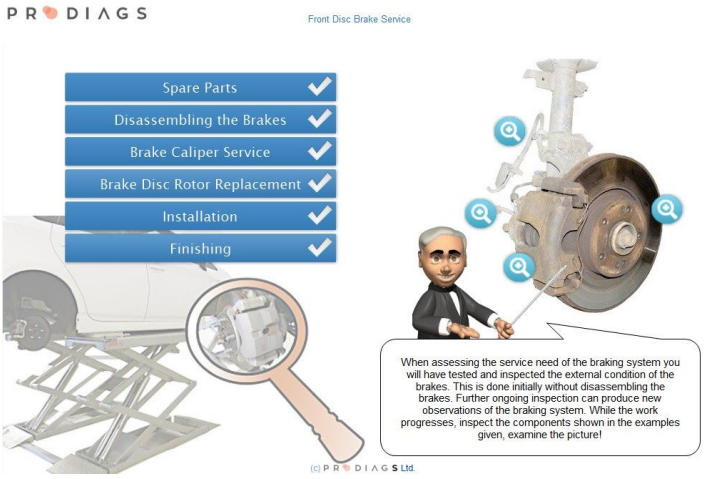
Certificate

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?

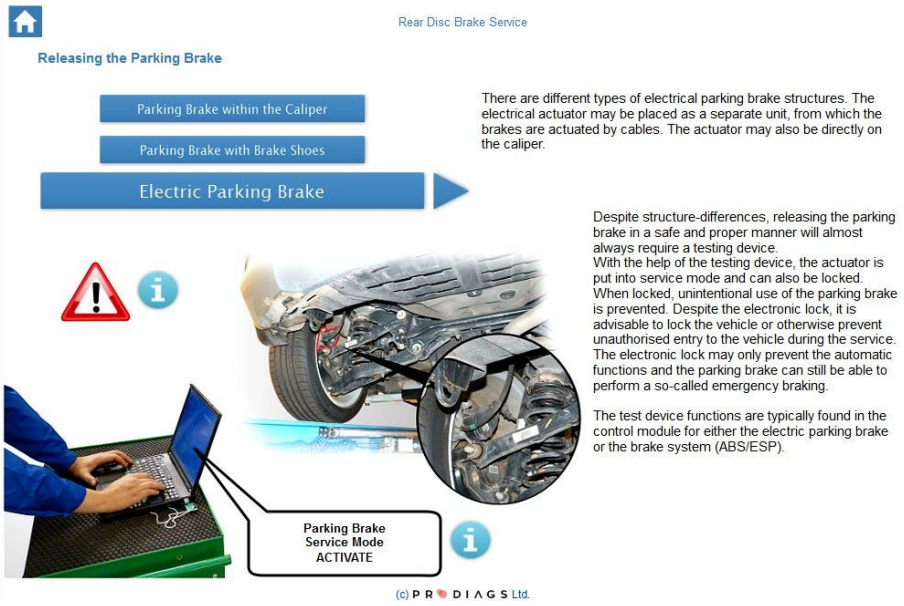
Brake service is an essential part of the work required on a vehicle, especially for mechanics. Brake component wear needs to be checked regularly, you assess the condition, and perform the service or replacement of the parts. Brake service is part of the basic skills for a mechanic, both at work and in training.



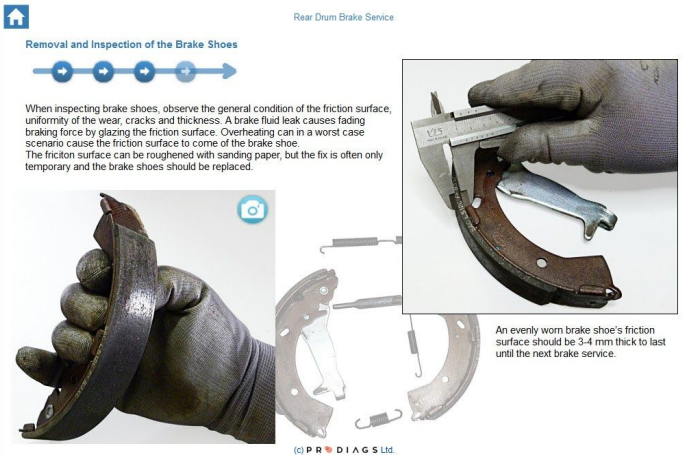
What will you learn?

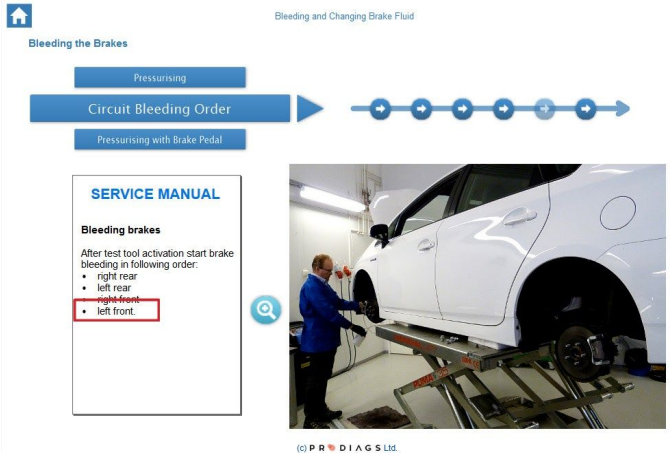
You begin learning about brake servicing by familiarising yourself with typical structures and components. You learn the names of components which comes in handy e.g. when ordering parts. When the structures are familiar you go on to assessing the service requirements. You find out how inspections are done during test-use and while lifted on the vehicle ramp. When you put these skills into practice, you notice how difficult doing a complete assessment of the service need is without disassembling the structures.

In the study about Front Brake Service, the service procedure is gone through step-by-step. With the help of pictures and examples you will learn more about different structures, and the disassembly of brake structures.



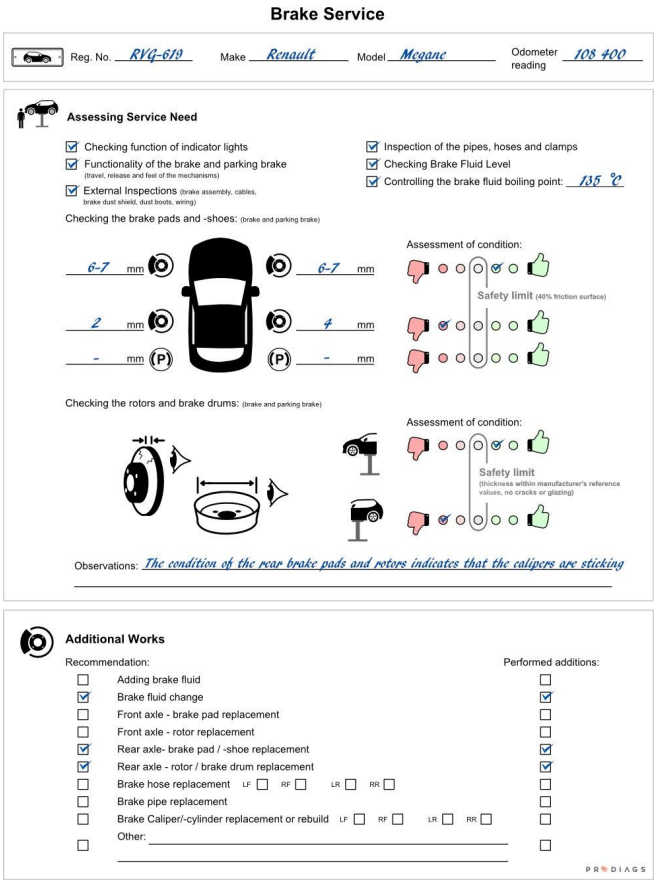
The training module covers a wide variety of rear brake structures, such as; disc brakes with parking brake, disc brake with separate parking brake shoes and drum brakes. Additionally, the module also covers attending to the electric parking brake, so you can avoid possible dangerous situations and damage.





After the wheel-specific brake service, the service is finished up by going more deeply into changing the brake fluid, correct bleeding procedures and examples for controlling the functionality.

The training module also consists of assessments and practical tasks to challenge your knowledge of brake servicing. Brake service, as a whole, is a task that requires strong practical knowledge and a lot of experience. The best final assessment and test of your skills is to perform a lot of brake service jobs to gain more practical competence. In your work, you can utilise the inspection card found in the printable student material. To ensure a professional service experience is delivered, you can give the correctly filled inspection card to the customer.



PREREQUISITES

No pre-knowledge required.

System Requirements

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

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.

Updates

We want to make sure that you always have the latest version of our product.
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