



Tyre Pressure Monitoring System

Do you know the difference between indirect tire pressure monitoring systems and direct tire pressure monitoring systems? Do you know where to begin the troubleshooting if a customer complains about TPMS malfunctions? Learn this and much more in this online training module about TPMS.



- The Basics of Tyre Pressure and Tyre Pressure Monitoring Systems (TPMS)
- Direct Tyre Pressure Monitoring
- Indirect Tyre Pressure Monitoring
- Components
- Operating Principles
- Pressure Transmitter Repairs
- Impact on Tyre Work

Language: English

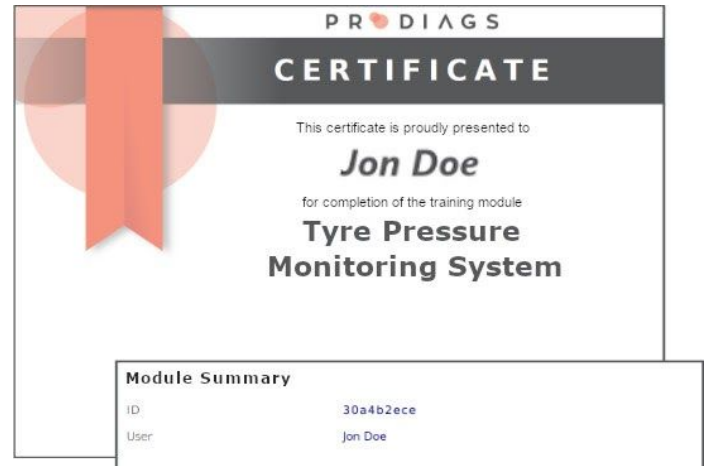
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LEARNING OUTCOMES

After completing this module, you will have gained knowledge that will enable you to safely carry out tyre work on vehicles equipped with tyre pressure monitoring systems and ensure the system's operation after changing a tyre. With a broader understanding, you will be able to perform troubleshooting more easily.

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?

Tyre pressures is one of the most significant factors affecting the vehicle when encountering situations such as emergency braking and evasive manoeuvres. It is all about safety. Tyre pressure monitoring systems - TPMS have therefore become mandatory equipment for all new vehicles sold in Europe and the United States.

What will you learn?

In this training module you will learn about tyre pressures and monitoring systems. It also covers the main points in legislation and minimum requirements of operation. Tyre pressure monitoring systems vary depending on vehicle types and tyre features. Manufacturers highlight different system values and characteristics such as operating with Run Flat tyres and the minimum driving conditions at which the TPMS should operate.



There are two main types of TPMS - Direct and Indirect Pressure Monitoring. In this training module you will learn the basics of both of these systems and how they operate, including:

- Checks required during servicing
- Carrying out general tyre work
- How to check sensors and their operation
- How to replace faulty sensors



PREREQUISITES

To reach all learning outcomes you need to have experience in tyre work, tyres and wheels. For studying these subjects, we recommend the following module: Tyres, Rims and Tyre Work.

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 1 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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