

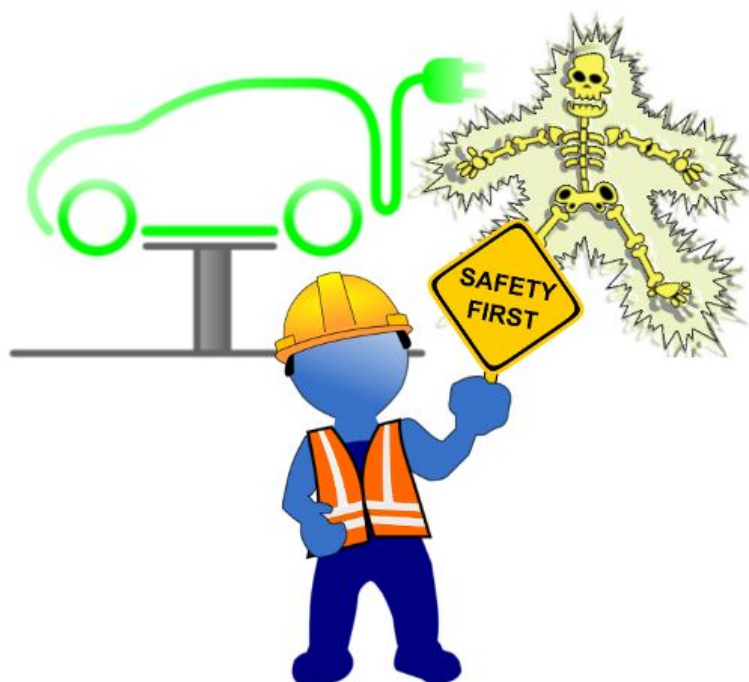
Learn automotive technology online with practical training modules. Online training modules designed by automotive professionals, for developing mechanics and people who dream about becoming a mechanic. All products and purchases comes with a 100 % money back guarantee.



Product Sheet - Prodiags Automotive Online Training Module

Hybrid & Electric Vehicle Technology

There are many dangers concerning working on electric and hybrid vehicles. To make sure you are safe, you have to know the basics of the different systems and how to find the recent information about a specific model. Electrical safety is key when working on EV and HEV. With this training model you learn how to perform your work correctly and safely.



- General Hybrid and Electric Vehicle Technology
- High-Voltage Systems
- Driving and Charging
- Maintenance and Faults
- Electric Shocks, Accidents and First Aid
- Collision Damage
- Battery Chemicals and Magnetism
- Safety Requirements in the Workshop
- Personal Protective Equipment and Hand Tools
- Measuring and Testing Equipment
- Example of De-energizing

Language: English

SKU: 020.0090.020.000.EN

LEARNING OUTCOMES

As a result of taking this module you will be better equipped to carry out servicing and repairs on hybrid and electric vehicles in an effective and safe manner, Your broader understanding of high-voltage technology will be key to avoiding accidents and hazards. Once you have completed the training module, you will be in a good position to open the discussion on how to improve working procedures in your workplace.

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.



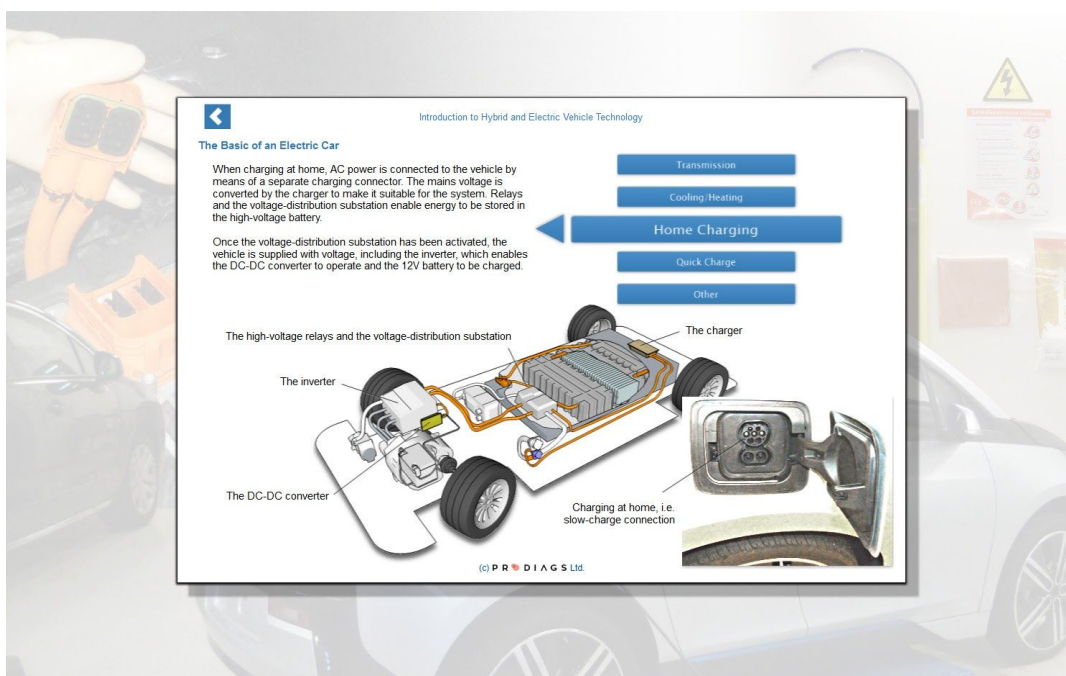
INTRODUCTION

Why this module?

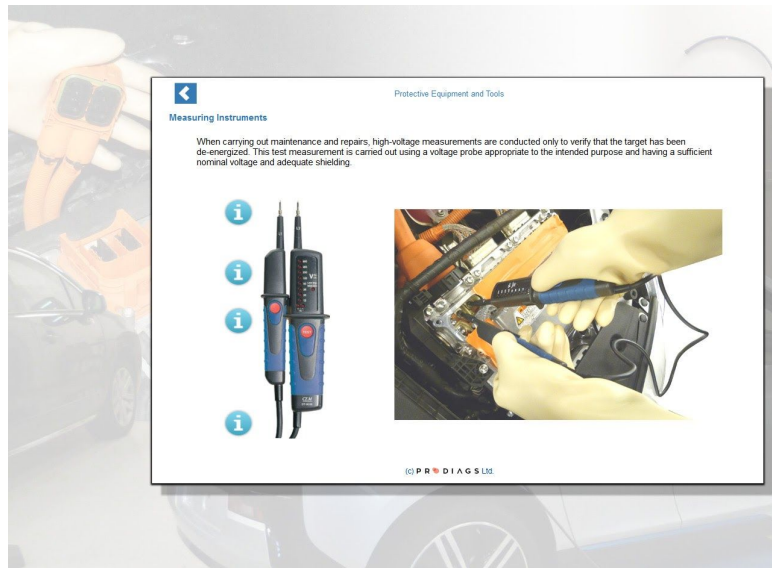
Hybrid and electric vehicles are here to stay, as they offer a more environmentally-friendly method of transport. Mechanics need to acquire new skills to carry out servicing and repairs safely. The high-voltage systems used in these vehicles present new dangers and demand new responsibilities to ensure safety.

What will you learn?

In this module you will learn the basics of hybrid and electric vehicle technology and become familiar with normal operation such as driving and charging. You will be better informed about potential dangers and the importance of using the right tools and working methods to avoid accidents. You will also learn what to do in the unlikely event of an accident.



What is your level of knowledge today? Are you up to date with this new technology? Do you know how to safeguard yourself and your co-workers from harm, and know how to act in the event of an accident?



PREREQUISITES

To reach all learning outcomes you need to have a basic knowledge of automotive electricity and electronics. Troubleshooting skills and experience will also be an advantage.

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.