

**BOSCH**

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## Automotive Technical Training Bosch HEV101 – Hybrid & Electric Vehicle Systems

# Contact your local CoolDrive branch to express your interest.

An investment in training adds a competitive edge to any workshop focussed on customer satisfaction, productivity and profitability. The courses provided by Bosch are delivered by highly skilled and experienced educators, who have the knowledge to provide professional training on the latest system innovations, diagnostic procedures and test equipment.

### Gain Access to Manufacturer's Information

Gain access to the vehicle manufacturers' information to work safely and diagnose efficiently!

New '**right to repair**' legislation allows access to the manufacturers' information. However, Hybrid & Electric vehicle information is excluded without recognised training.

By completing '**Bosch HEV101 – Hybrid & Electric Vehicle Systems**' training you can **access this information**.

### Course Content:

The increasing number of hybrid and electric vehicles on our roads requires all workshops to have some understanding of the key components and vehicle architecture. As with any high voltage system, safe servicing procedures are also essential.

#### Objectives:

- ▶ Identify high voltage components and the dangers to staff they present
- ▶ Make a hybrid or electric vehicle safe to work on so that routine service procedures can be safely completed
- ▶ Understand and identify the different types of hybrid system and drives available
- ▶ Understand and identify the difference in battery technology
- ▶ Identify the correct test equipment to use for a particular situation including high voltage testing

#### Outcomes:

- ▶ Design principles and components
- ▶ Hybrid and electric vehicle structures
- ▶ Battery technology, drivelines and e-machines
- ▶ Vehicle and personal safety precautions

