

# HEV1 AND HEV2 TRAINING 2025



## COURSE DETAILS:

**Date:** HEV1  
(8.30am - 5pm)

**HEV2**  
(8.30am - 5pm)

**Cost:** \$569 + GST per course  
per attendee  
\$1,138 + GST for both courses  
per attendee  
Lunch and refreshments included

**Registration:** Contact your local  
CoolDrive branch register your interest

**Part Number:**  
BOSCH-HEV1 (For HEV1 Training)  
BOSCH-HEV2 (For HEV2 Training)

**GET IN QUICK!**  
LIMITED SEATS AVAILABLE

A family owned  
Australian business



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**CAPRICORN**  
PREFERRED SUPPLIER

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.

## HEV1

### Objectives of this training course:

- 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 difference in battery technology
- Identify the correct test equipment to use for a particular situation including high voltage testing

## HEV2

### Prerequisite:

As this is an advanced course it is required for the participant to have completed fundamental high voltage training. For example, Bosch HEV101 course or equivalent TAFE competency.

### Objectives of this training course:

- Diagnosis of motor failure modes and performing insulation testing, as well as exploring the design variations and features of electric motors
- Learn the inner workings of inverters, how to test, diagnose and replace inverters in a modern EV.
- Examination of the different semiconductor technologies in use, their practical testing and the role in motor control systems.
- Study of regenerative braking systems, brake torque blending and the integration of electric/hydraulic modulators within EV control systems.

