

## **IMI LEVEL 2 AWARD - TECHNICAL SPECIALIST IN ELECTRIC HYBRID VEHICLE ROUTINE MAINTENANCE ACTIVITIES**

### **COURSE DURATION & COST:**

1 Day Course

£430.00 + VAT

Per Delegate.

This includes registration and certification with the IMI.

### **COURSE AIM:**

This Level 2 Award is to determine that the candidate is able to make the vehicle safe through the removal of any high voltage safety devices (typically switch or plug) to allow the vehicle to be worked on to carry out maintenance and repair procedures.

The candidate will need to follow any procedures to ensure the high voltage system has been isolated before others can work on the vehicle, which may include the checking of voltages using the appropriate tools and equipment.

Once the vehicle has been 'made safe', the candidate will be required to return the vehicle to a fully operational condition, ready to be returned to the driver.

The candidate will be required to ensure that they follow all appropriate health & safety procedures and wear the necessary Personal Protection Equipment during the assessment

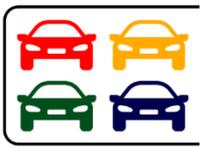


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## WHO IS THE LEVEL 2 ELECTRIC/HYBRID VEHICLE ROUTE FOR?

The Level 2 Electric Vehicle route is intended for technicians whose job role involves the inspection maintenance and repair of light vehicles, as well as those involved in accident repair bodyshops (i.e. MET, Panel, Paint, VDA).

The technician must be able to work unsupervised – ideally, they should be in full time employment with at least two years experience to ensure they are familiar with the skills, knowledge and techniques required to service, maintain and repair vehicles fitted with high voltage batteries / components such as ‘hybrid’ or pure electric vehicles.

## WHAT WILL THE CANDIDATE STUDY AS PART OF THIS QUALIFICATION?

The content of this Level 2 award has been designed to give the candidates the knowledge required to work or operate safely around Hybrid Electric Vehicles. It contains one mandatory unit covering:

- Understanding the differences between hybrid vehicle systems and components.
- Hazards and risks of electric and hybrid vehicle components.
- High voltage isolation and component removal and refitting.
- Demonstrate how to work safely on an electric or hybrid vehicle.
- Demonstrate how to isolate the high voltage system.
- Demonstrate how to re-instate the vehicle to full operational mode.

As a result, candidates successfully completing this qualification will acquire core knowledge of working safely around and isolating Hybrid Electric Vehicles.

## ASSESSMENT:

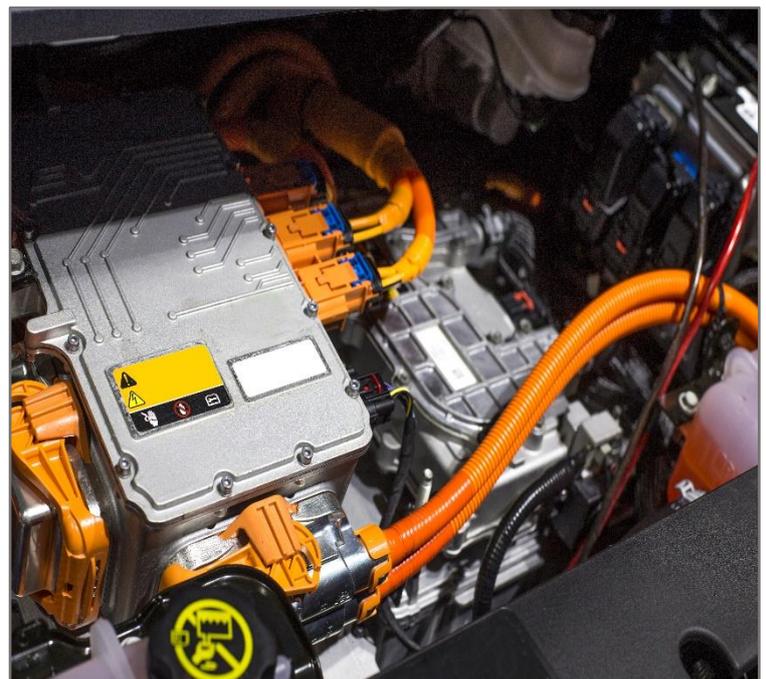
This knowledge qualification is tested via an IMI online test, EV2.2 (30 questions – 60% pass mark).

Successfully complete the practical assessment on a Hybrid / Electric Vehicle.

## FURTHER PROGRESSION:

This qualification will help support progression onto qualifications that further develop their knowledge and skills within a technical role, carrying out repair or replacement of high voltage components on Hybrid Electric Vehicles.

- IMI – Level 3 Award in Hybrid Electric Vehicle System Repair and Replacement.
- IMI – Level 4 Award in the Diagnosis Testing and Repair of Electric Hybrid Vehicles and Components.



For enquiries or bookings:

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