

## Safety equipment and tools for electric vehicles training stand

This is a unique panel trainer that presents students with all the safety equipment, signs and tools that are required to work on hybrid and electric vehicles.

The panel has a printed legend that identifies the components and also provides shadows for any removable item.

On the rear of the panel there is a full explanation of the items included on the stand and what they are used for. This provides a good training aid for the students.

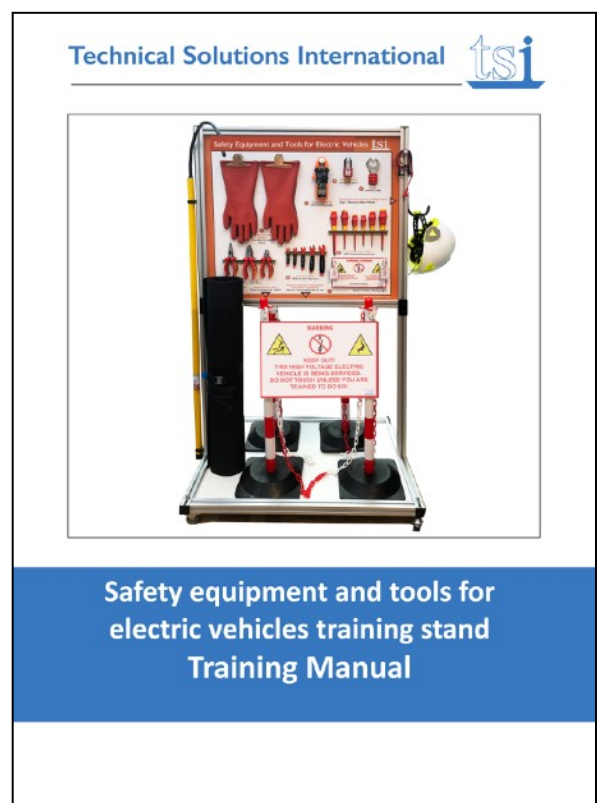
Tools are held in place using clips, hangers and tool racks where appropriate.

The panel includes:

- Kit For Marking Out Restricted Area for EV/HEVs
- Large EV/HEV Warning Sign
- Pair of Insulated HEV 12kV Gloves
- Insulated Rubber Electrical Matting Tested to 11kV
- High Voltage Rescue Pole 45kV
- HEV Insulated Spanners - 7mm to 14mm
- Set of HEV Insulated Screwdrivers flat and posidrive blades
- Set of HEV Insulated Pliers
- HEV Lockout Hasp 38mm
- MasterLock HEV Lockout Padlock
- HEV Lockout Tags
- HEV Keyring Warning Tags
- HEV On Vehicle Warning Sign
- HEV CAT III Clamp Meter

A comprehensive training manual is also supplied with the stand.

This details the steps that must be taken when working on Hybrid or Electric vehicles and what safety equipment must be used.



## Training Topics:

- Electric and hybrid vehicles Safety Rules
- Voltages present in EV & HEV
- Electric vehicles
- Hybrid vehicles
- Risks of working with EV & HEVs
- Safe working with EV & HEVs
  - Valeting, sales and other lower risk activities
  - Incident response including emergency services and vehicle recovery
- Maintenance and repair excluding high voltage electrical systems
- Working on high voltage electrical systems
  - Electric Shock
  - Earth Leakage
  - Electric Arcing
- Disabling Hybrid and High Voltage Systems
  - Before Starting Work
  - Disabling the Hybrid System
  - How to disable the high voltage system
  - Removing the Service Plug
  - How to test that the high voltage system is safe on completion of the task
- Transient protection in test equipment
- Over-voltage installation categories (CAT)



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