



# UNDERSTANDING BODY REPAIR PROCESS ON ELECTRIC VEHICLE AWARENESS PROGRAM

This awareness program is designed to bridge the gap between traditional collision repair and the specialized requirements of Electric Vehicles (EVs). It provides a high-level overview of the safety protocols, technical complexities, and unique workflows necessary to restore an EV to its original safety and performance standards.

## MODULES

- **Electric Vehicle Safety Precaution and Hazard Management**
  - Risk assessment and isolation process
  - Various types of hazards related to electric vehicle
  - Accident electric vehicle safety storage
  - Risk and hazard management
  - Types of training require like fire blanket deployment, CPR and usage of AED
- **Aluminum Repair Method - Dent Puller, Welding, Rivet and Bonding**
  - Basic Preparation on EV repair setup
  - Know-how on the method process
  - Know-how to perform rivet and bonding
- **Aluminium Body Repair Tools and Equipment**
  - Tools - Dent puller, Welding set, Rivet gun
  - Equipment - Fumes suction, Aluminum repair cleanroom
  - Electric vehicle repair basic PPE

## PROGRAMME OBJECTIVE

- To provide comprehensive education on safety protocols for high-voltage systems and battery heat management, specialized equipment requirements for aluminum body repair, and industry-standard techniques for aluminum structural repair and electric vehicle painting.

## PROGRAMME BENEFITS

- Understand and identify different type of isolation procedure and precaution measure for electric vehicle body repair.
- Understand what types of tools, equipment and workspace for aluminum repair.
- Understand how EV aluminum body types of repair methods.
- Understand electric vehicle painting work safety consideration.

## TARGET PARTICIPANTS

- New comers and recruits for Franchise and non-franchise repairer workshops, insurance companies, adjuster firms, automotive colleges/ schools, government agencies etc.
- Management Level: business owners, managers, supervisors, executives, officers
- Technician Level: Claim Advisors, Body Technician and Painter

## COURSE DETAILS

- Duration : 1 day ( Theory and Practical Class )
- Claim : HRD CORP CLAIMABLE COURSE
- Certificate: MRC Attendance





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