



EV REPAIRS DEMAND A SKILLED HAND AND A SAFETY MINDSET

It is important for technicians to receive proper training and follow all safety procedures when repairing EVs after a collision. This will help

**MINIMIZE THE RISK OF
INJURY OR HARM TO PEOPLE
AND THE ENVIRONMENT.**



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CAUTION ▼ ▼ RISK



FIRE HAZARD

The high-voltage systems in EVs pose a serious fire hazard after a collision.

If there is high-voltage system damage, it can result in sparks or short circuits to cause a fire.



BATTERY DAMAGE

The batteries in EVs and hybrids can be damaged in a collision and pose a risk of thermal runaway.

If the temperature of the battery is rapidly increasing there is a risk of off-gassing, producing a toxic gas mixture that may include carbon monoxide.



HIGH-VOLTAGE (HV) SYSTEMS

These vehicles contain high-voltage systems that are dangerous without proper training, if not handled properly.

Technicians who are not trained in working with high-voltage systems can be at risk of electrical shock, burns, or other serious injuries.



PROPER DISPOSAL OF HAZARDOUS MATERIALS

EVs contain hazardous materials that need to be properly disposed of to avoid environmental contamination.

Technicians who are not familiar with the proper disposal procedures for these materials can put themselves and their location at risk.

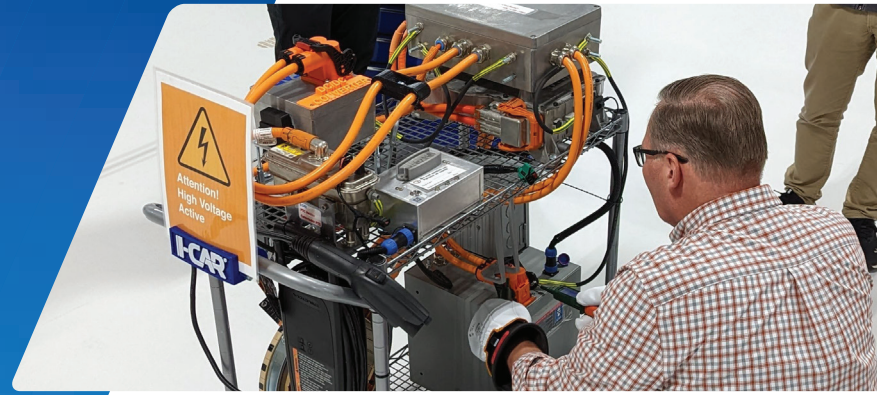


PROPULSION SYSTEM DAMAGE

Energy Storage – Even after shutting down the vehicle, there may still be residual power in the system that can pose a risk to technicians working on the vehicle.

High-voltage and rotating parts can cause serious injuries if they are not properly secured or handled.

When a Battery Electric or Hybrid Vehicle is involved in a collision, there are several potential dangers associated with repair that affect the safety of your property, technicians, and your customer.



WHAT YOU CAN DO

Gain confidence and competence to inspect, scan and repair today's EV and hybrid vehicles when you complete essential training offered at I-CAR.

5-DAY ELECTRIC VEHICLE (EV) HANDS-ON SKILLS DEVELOPMENT

Upon completion of affordable, online courses enroll in the 5-Day Electric Vehicle (EV) Hands-On Skills Development course available at the state-of-the-art, Chicago Technical Center. This course helps technicians master the procedures and hands-on skills required to safely disconnect HV systems, confirm zero potential, vehicle monitoring throughout the repair process, and initializing HV systems following repairs and service.



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