

# ALTERNATIVE FUEL VEHICLE SAFETY

ALT05e

**Course Format:** Online training with posttest

**I-CAR Points:** 0.50

**Estimated Duration:** 2 hour

**This course helps satisfy ProLevel training requirements for the following roles:**



Non-Structural Technician



Assessor

## Course Content

### Module 1—Approaching a Damaged Electric Vehicle

The second module is designed specifically with the safety of the collision professional in mind. Understanding how to safely approach a damage electric vehicle is discussed through in-depth classroom conversations, along with understanding of how, and when, to access various information sources, and avoiding hazards specific to electric vehicles.

### Module 2— Alternative Fuel Vehicles

This module highlights new features being introduced by European vehicles makers: Alfa Romeo, BMW, Mercedes-Benz, and Volkswagen. Some of the key vehicle models and features shared are the 2015 BMW i8 and its carbon fiber structure and the 2015 Volkswagen eGolf Electric.

## Learning Objectives

- Explain how to take safe measures when working on hybrid electric and alternative fuel vehicles
- Identify new applications for hybrid technology and unique hybrid system features
- Know how to properly care for a high voltage battery prior to and during the repair process
- Identify the different types of alternative fuel vehicles currently on the market, as well as concepts in tomorrow's technology