

CALIBRATION OF FRONT FACING CAMERAS AND FRONT RADARS

VT200E02

Course Format: Online training with posttest

I-CAR Credit Hours: 1

I-CAR Points: 0.25

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



Non-Structural Technician



Estimator



Structural Technician



Assessor



Aluminium Technician



Production Management

Course Content

Module 1—Description and Identification

The course begins by explaining what systems use sensors, why calibration is important, and how to determine if a vehicle has any of these systems.

Module 2— Front Facing Camera Calibration

Module two gets more in depth and focuses specifically on calibration procedures for front facing cameras. Camera calibration procedures for FCA, Ford, General Motors, Honda/ Acura, Kia, Toyota/Lexus, Mazda and others are included in this course. For each vehicle manufacturer covered, there are explanations of when calibration is required, the steps involved in calibration, and what special tools are required.

Module 3— Millimetre Wave Radar Calibration

The course concludes by focusing on millimetre wave radars. Radar calibration procedures for FCA, Ford, General Motors, Honda/Acura, Nissan and others are covered. For each vehicle manufacturer covered, there are explanations of when calibration is required, the steps involved in calibration and what special tools are required.

Learning Objectives

- Know how to identify if a vehicle is equipped with a front facing camera or front millimetre wave radar unit.
- Identify what special tools are required for calibration
- Explain what is involved in the calibration procedures for Fiat Chrysler Automobiles, Ford Motor Company, General Motots, Honda/Acura, Toyota/Lexus, Hyundai, Kia, Volvo and others