

CAMERA CALIBRATION, INSPECTION, AND INITIALISATION REQUIREMENTS

VT215E02

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:



Camera Calibration, Inspection, and Initialisation Requirements is a one-hour online course that will cover post-repair requirements for rear-view cameras, 360-degree view camera systems, and night vision cameras. It will explain what events, either during the actual collision or during the collision repair, will require the system to be inspected, calibrated or initialised.

Course Content

Module 1—Description and Identification

The course starts with describing the different camera systems on a vehicle, how to identify whether the vehicle is so-equipped, and listing events that may require some type of calibration, initialisation, or inspection. This module will also cover how to use the I-CAR Calibration Requirements Search feature on RTS to access OEM options and scan tool requirements.

Module 2—Rear-view Cameras

This module shows what steps different vehicle makers require after rear-view cameras are replaced, and lists what other events require attention to these camera systems. Requirements from Ford/Lincoln, Toyota/Lexus, Subaru, and Volkswagen/Audi are featured.

Module 3—Surround View Camera System

Next, the course looks at the requirements after collision repair of the camera systems that surround the vehicle and provide a virtual view from overhead. Requirements for the Chrysler Pacifica, Ford F-150 and Lincoln MKX, Cadillac, Buick, Kia, Acura, Nissan, Toyota/Lexus, and Volkswagen/Audi are featured. This module concludes with a look at the requirements for the Honda Lane Watch system.

Module 4—Night Vision Camera System

This module looks at the requirements for night vision camera systems, and the report that lists what events caused the need for the system to be calibrated. Requirements for the Cadillac CT6 and Lexus LS460/LS600h are featured.



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Learning Objectives

- Identify if a vehicle is equipped with a rearview camera, surround view camera system, and/or night view camera system.
- Identify what special tools are required for calibration or initialisation of these systems.
- Explain the procedures for calibrating, inspecting, or initialising these camera systems on vehicles made by Ford Motor Company, General Motors, Honda/ Acura, Subaru, Kia and others.