

CALIBRATION REQUIREMENTS FOR BLIND SPOT AND PARKING ASSIST SYSTEMS

VT220E01

Course Format: Online training with posttest

I-CAR Points: 0.25

Estimated Duration: 1 hour

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



Blind spot and parking assist systems have gone from luxuries to mainstream. Calibration Requirements for Blind Spot and Parking Assist Systems is a one hour course that will cover several manufacturers' systems, and listing events that may require some type of calibration or initialisation.

Course Content

Module 1—Blind Spot Systems

The course starts with describing blind spot and park assist systems on a vehicle, how to identify whether the vehicle is equipped with the systems, and listing events that may require some type of calibration or initialisation.

Module 2— Blind Spot Systems

This module describes the location and function of blind spot system parts, and shows what steps different vehicle makers require when the blind spot system is compromised. Requirement examples from Fiat Chrysler Automobiles, Ford Motor Company, General Motors Company, Honda/Acura, Hyundai, Mazda, Kia, Nissan, Subaru, Toyota/Lexus and Volkswagen/Audi are featured.

Module 3— Park Assist System Calibrations

Next, the course looks at the requirements for calibrating park assist systems. This module will cover the differences between front and rear park assist systems and active park assist systems (that assist in parallel parking a vehicle automatically). Requirement examples for the Ford F-150 and Toyota Prius are featured.

Learning Objectives

- Identify if a vehicle is equipped with a blind spot system, front or rear park assist system, or active park assist system
- Identify what special tools are required for calibration of these systems
- Explain the procedures for calibrating these millimetre wave radar and ultrasonic sensor systems.