

STEERING ANGLE SENSOR OVERVIEW AND DIAGNOSTICS

VT235E01

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:



Non-Structural Technician



Assessor



Structural Technician



Estimator



Aluminium Technician



Production Management

Steering Angle Sensor Overview and Diagnostics is a one-hour course that educates students on the importance steering angle and steering angle sensors have to the drivability of vehicles. The course will teach the common problems that can affect steering angle sensors and how to properly diagnose, reset and calibrate them.

Course Content

Module 1—Steering Angle Sensors (SAS)

The Steering Angle Sensor Overview and Diagnostics course begins with an explanation of what steering angle and steering angle sensors are and how they affect the drivability of the vehicle. Next the course will cover the related parts and systems related to steering angle. Common problems that can face steering angle sensors will also be discussed along with proper damage analysis. The course wraps up with the requirements for steering angle sensor reset and calibration.

Learning Objectives

- Explain steering angle
- Describe the function of the steering angle sensor
- List the parts and systems related to the steering angle sensor
- Describe the problems that can affect the steering angle sensor
- Explain how to diagnose a steering angle sensor
- How to rest and calibrate a steering angle sensor