



**Saskatoon April 1**

**Calgary April 22**

**Edmonton May 13**

**Dinner : 5:30pm — 6pm**

# Advanced Driver



# Assistance Systems

**LOCATION : APD BRANCH Facilitator : Daniel Marniani —ACDelco**

This seminar will cover the types of Advanced Driver Assistance Systems (ADAS) that utilize Sonars, Radars, Sensors, and Cameras. There will be an overview of how these systems function to assist drivers to operate, park and avoid nearby objects. Diagnosis and repair procedures such as determining sources of malfunctions and component setup will be discussed.

## COURSE OBJECTIVES

Identify various control modules and their function in advanced driver assistance systems

Identify the types of cameras and their function in advanced driver assistance systems

Identify the types of radars and their function in advanced driver assistance systems

Describe service considerations of cameras and radars including calibration and setup

Identify the types of advanced driver assistance systems that use sonar sensors and their function

Describe diagnostic and repair procedures of sonar sensors such as sources of malfunction and setup

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**Each additional tech from same shop only \$35ea.**

1st Tech PSC Member \$35

1st Tech ACE Member \$50

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