



**COLLISION INDUSTRY**  
CONFERENCE

# ADAS/Safety Systems Training Availability & Requirements

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PRESENTED BY: EDUCATION & TRAINING COMMITTEE

GENE LOPEZ      SEIDNER'S COLLISION CENTERS

JOSH MCFARLIN      I-CAR

# Committee Members

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- Beth Rutter
- Bob Augustine
- Bob Keith
- Bob Medved
- Brandon Eckenrode
- Brandon Thomas
- Chuck Olsen
- Dusty Womble
- Fred Iantorno
- Gary Potter
- George Avery
- Jake Rodenroth
- Jennifer Jarzembowski
- Julian Davis
- Matt Boyles
- Mike Jones
- Michael Flink
- Nick Notte
- Richard Beckwith
- Richard Perry
- Robert Lynch
- Roger Cada
- Ron Reichen
- Scott Brown
- Teresa Bolton
- Tim Ronak
- Todd Hesford
- Tom Stephens
- Tony Molla

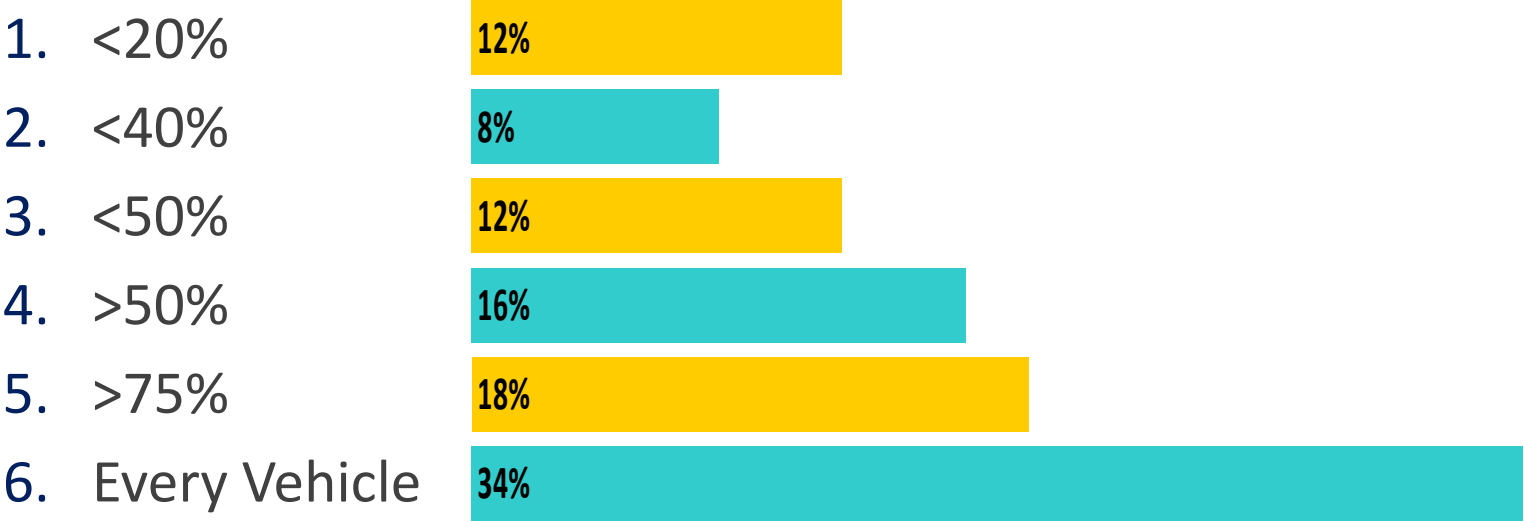
# Audience Response Questions

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**“We are giving all of the non-repairers in the audience a break. So those non-repairers can just sit back and relax. The following questions are for repairers only.”**

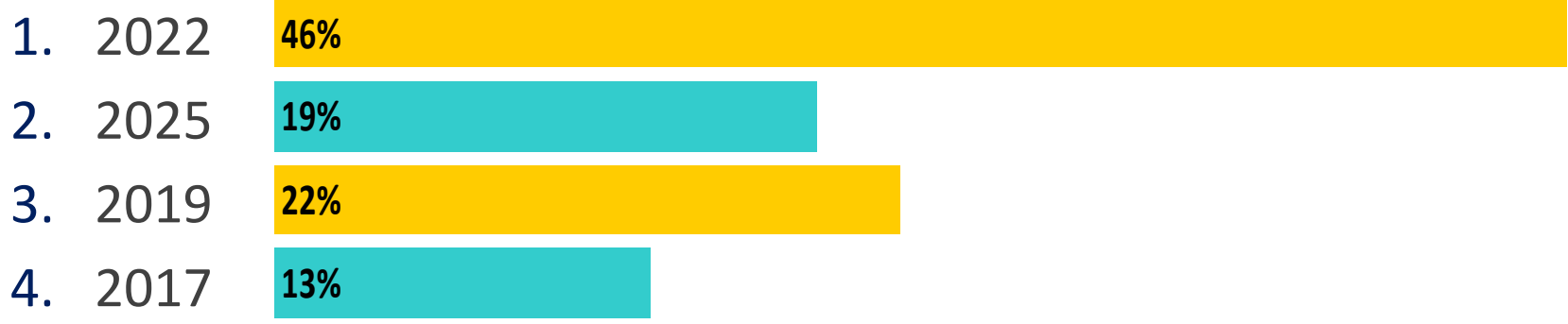
# Currently, What Percentage of Vehicles (in your shop) Need Calibration?

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20 Automakers made a voluntary commitment to equip ALL new vehicles with low speed Automatic Emergency Braking (AEB) by what year?

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# What % of MY2017 vehicles had Automatic Emergency Braking (AEB) standard?

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# In Case You Were Wondering...

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## Here Is The List of Twenty

Audi	BMW	Fiat Chrysler	Ford
General Motors	Honda	Hyundai	Jaguar Land Rover
Kia	Maserati	Mazda	Mercedes Benz
Mitsubishi	Nissan	Porsche	Subaru
Tesla	Toyota	Volkswagen	Volvo

In Other Words:  
Greater Than 99% of the US Automobile Market

# Driver Assist Technology Experts

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- Michael Flink – Autel
- Bob Augustine – OPUS/Drew Technologies
- Scott Brown – Diagnostic Network
- Jason Bartanen – I-CAR
- Chuck Olson - AirPro
- Jake Rodenroth - asTech
- Darrell Amberson – LaMettry’s Collision, Glass and More!



# Panel Questions

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- What does your company provide for Driver Assist Technology Training?

# ADAS Related Training hosted by AMi

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## Online courses hosted by AMi

- Management's Guide to Scanning & New Technology
- Mopar WiTech™ 2.0 Fundamentals
- Mopar WiTech™ 2.0 Flashing an ECU
- Mopar WiTech™ 2.0 Flight Recordings



# Autel ADAS Related Training

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- Identifying ADAS Re-Calibrations
- Identifying Modules and Repair Components
- Diagnostic Tools, Calibration Fixtures & Targets
- Identify Workspace Requirements
- Calibration Systems Training





# ADAS Related Training from I-CAR®

Online Courses Available Now	
Introduction to Diagnostics and Scan Tools	Steering Angle Sensor Overview and Diagnostics
Collision Warning Systems	Adaptive Cruise Control
Windshields and Advanced Driver Assist Systems (ADAS)	Camera Calibration, Inspection, and Initialization Requirements
Calibration of Front Facing Cameras and Front Radars	Calibration Requirements for Blind Spot and Parking Assist Systems
Post Repair Advanced Driver Assistance Systems (ADAS) Testing	Bosch Scan Tool and Advanced Driver Assistance Systems (ADAS) Calibration Kit
Online Courses That We Are Working On	
Incorporating ADAS In Your Business	Factors For Understanding ADAS
Autel MaxiSys Diagnostic Tablet and Calibration Kit	

# Panel Questions

What does your company provide for Driver Assist Technology Training?

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- Diagnostic Network The logo for Diagnostic Network features a stylized white 'M' shape on a blue square background, followed by the text 'DIAGNOSTIC NETWORK' in blue.
- Drew Technologies (Opus) The logo for Drew Technologies consists of a green and blue globe icon, the text 'Drew Technologies' in a light blue font, and the word 'TECHNOLOGIES' in a bold green font.
- AirPro Diagnostics The logo for AirPro Diagnostics features the text 'AirPro Diagnostics' in blue, with 'Driven by ORION' in a smaller black font below it.
- asTech The logo for asTech features the text 'asTech' in black, with a red 'a' and a green 't' that are stylized to look like they are part of a circular motion.

# Panel Questions

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- How does the industry identify when an ADAS calibrations is required?
- What resources exist for the repairer to get vehicles calibrated?
- Where do you locate calibration procedures?

# Panel Questions

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- What procedures are not addressed in OEM repair procedures?
- How do we collaborate to drive innovative solutions to this challenge?

# Thank you

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