



IMI INTERNATIONAL LEVEL 1 & LEVEL 2 AWARD IN ADVANCED DRIVER ASSISTANCE SYSTEMS (ADAS) AWARENESS & AWARD IN CALIBRATION

To create awareness on different types of ADAS technology available in the market and also different types of calibration tools / equipment in the market. This programme is also to educate the importance of ADAS calibration / reset as part of the repair process.

MODULES

ADAS 1:

Advanced Driver Assistance Systems (ADAS) Awareness

- Legislative Requirements for Working with ADAS-Equipped Vehicles
- Understanding Basic Health and Safety Regulations
- The Role of ADAS in Ensuring Safety and Welfare
- Implementing Effective Workplace Health and Safety Policies
- Safe Working Practices Around ADAS-Equipped Vehicles
- Identifying Common ADAS Components and Their Locations
- How ADAS Interacts with Steering and Braking Systems
- Recognizing Common Driver Warnings from ADAS
- Risks of Inappropriate Working Practices on ADAS Functionality
- Procedures for Reporting ADAS-Related Defects
- Communicating ADAS Information and Advice to Customers

ADAS 2:

Calibrating Advanced Driver Assistance System (ADAS) Components

- Safe Working Practices When Handling Vehicle ADAS Systems
- Overview of ADAS Technologies in Modern Vehicles
- Tools, Equipment, and Environmental Conditions for ADAS Work
- ADAS System Requirements Post-Vehicle Repair
- Safe Procedures for Calibrating ADAS Sensors
- Interpreting and Using Technical Information for ADAS Calibration
- Selecting and Using the Right Tools for ADAS Calibration
- Performing ADAS Component and System Calibration
- Documenting ADAS Work and Providing Recommendations

PROGRAMME OBJECTIVE

- Human negligence is a key factor in the number of road accidents. More and more vehicles are now equipped with advanced driver-assistance systems or better known as ADAS. ADAS has been developed to automate, adapt and enhance vehicle systems for safety and better driving. Many forms of ADAS are already available on today's vehicles direct from the manufacturer or available as an after sales package. This program is to create awareness and exposure for the purpose of having better understanding on the different ADAS systems and technologies that are available in the market.

PROGRAMME BENEFITS

- Participants will understand and identify the increasing importance of ADAS on today's vehicles. This programme will educate participants the ADAS features in vehicle's manual and will be able to identify calibration requirements and OEM information. Participants will understand how ADAS calibration works through the programme.

TRAINING METHOD

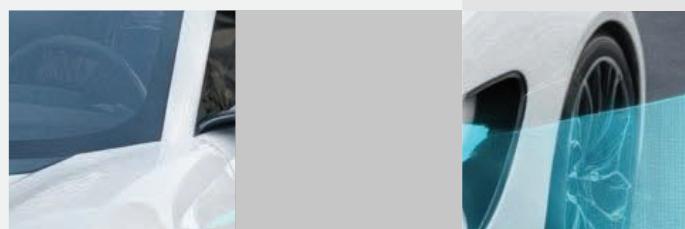
- Participant is required to take the practical assessment.

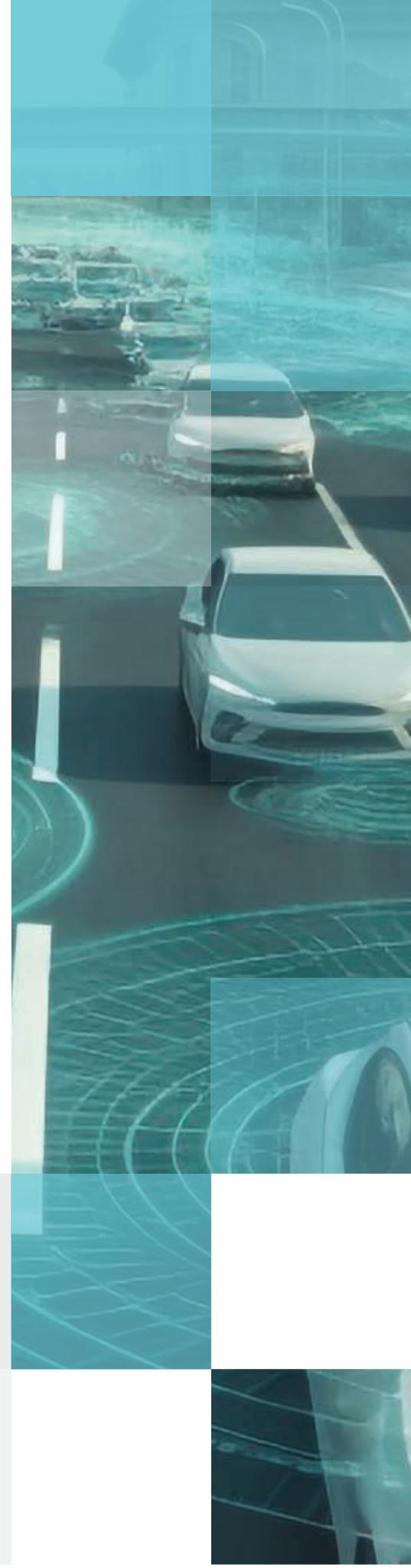
TARGET PARTICIPANTS

- Franchise and non-franchise repairer workshops, insurance companies, adjuster firms, automotive colleges students, government agencies.

COURSE DETAILS

- Duration : 2 days course (1 day Theory, 1 day Practical)
- Claim : HRD CORP CLAIMABLE COURSE
- Certificate : IMI (International) & MRC (Attendance)





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