

ADAS

ADVANCED DRIVER ASSISTANCE SYSTEM AWARENESS PROGRAMME

AIM OF THE PROGRAMME

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.

PROGRAMME DESCRIPTION

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.

MODULES:

WHAT IS ADAS?

- Various ADAS technologies in the market
- ADAS functions and roles
- Benefits and the importance of ADAS
- Terminology used by different vehicle manufacturers

VEHICLE OWNERS MANUAL

- ADAS features & specifications
- OEM information on ADAS safety tips handling

OEM WORKSHOP MANUAL

- Locating ADAS information
- OEM steps on remove & refit and calibrate/reset ADAS

MRC REPAIR METHODS

- How to locate ADAS information
- Understanding the symbols and ADAS calibration instructions

ADAS CALIBRATION (DEMONSTRATION)

- Basic Preparation on setup e.g., tools, data, frame etc
- Know-how to set the vehicle on the calibration system
- Know-how to perform the system calibration

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.

PRACTICAL ASSESSMENT

- 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)
- **HRD CORP CLAIMABLE COURSE**
- Certificate: **IMI (PAC) & MRC (Attendance & Accomplishment)**

DAY 1

TIME	PROGRAM
8:30 AM	Arrival of participants
9:00 AM	Safety briefing Self & participant's introduction
9:15 AM	WHAT IS ADAS (Part 1)
10:30 AM	15 minutes Break
10:45 PM	WHAT IS ADAS (Part 2)
12:30 PM	Lunch Break
2:00 PM	VEHICLE OWNER'S MANUAL
3:30 PM	15 minutes Break
3:45PM	MRC REPAIR METHODS
4:30PM	Emphasize on key important notes
	Question & answer
5:00PM	End

DAY 2

TIME	PROGRAM
8:30 AM	Arrival of participants
9:00 AM	Review on yesterday modules Briefing in assessment process
9:15 AM	OEM WORKSHOP MANUAL
10:30 AM	15 minutes Break
10:45 PM	ADAS CALIBRATION (DEMONSTRATION)
12:30 PM	Lunch Break
2:00 PM	Assessment (Part 1)
3:30 PM	15 minutes Break
3:45PM	Assessment (Part 2)
5:00PM	Review on theory and practical assessment Assessment answer
	Question & answer
5:30PM	End



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