

AN INTRO TO ADAS

Advanced Driver Assistance Systems (ADAS), are technological features that utilizes radar, sonar, lidar and cameras to perceive the world around the vehicle and improve driver safety by preventing automotive accidents.

ADAS CAN PREVENT **40%** OF VEHICLE CRASHES / **37%** OF VEHICULAR INJURIES / **29%** OF VEHICULAR DEATHS

*According to a study conducted by the AAA Foundation.

COMMON ADAS APPLICATIONS



ACC

ADAPTIVE CRUISE CONTROL



AVM

AROUND VIEW MONITORING



RCW

REAR COLLISION WARNING



LDW

LANE DEPARTURE WARNING



APA

AUTOMATED PARKING ASSIST



LIDAR

LIGHT IMAGING DETECTION



NVS

NIGHT VISION SYSTEM



BSD

BLIND SPOT DETECTION



PD

PEDESTRIAN DETECTION



TSR

TRAFFIC SIGN RECOGNITION

WHEN IS ADAS CALIBRATION REQUIRED?

Whenever an ADAS sensor's aiming is disrupted in any way, an ADAS calibration is required. Disruption can happen during a collision, windshield or side view mirror replacement, change in ride height or tire size, suspension repair, and even as a result of common mechanical procedures like radiator and condenser repairs that require removal of front-mounted sensors.



SAFETY SYSTEM CHECKS SHOULD BE PERFORMED ON A SEMI-REGULAR BASIS
IT'S RECOMMENDED THAT YOU HAVE YOUR ADAS CHECKED AS OFTEN AS OTHER ROUTINE MAINTENANCE.

AUTEL® **ADVANCED WHEEL ALIGNMENT & ADAS CALIBRATION**

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