



# GLOSTER

INDIA'S FIRST AUTONOMOUS LEVEL-1\* PREMIUM SUV

WITH

***ADAS***

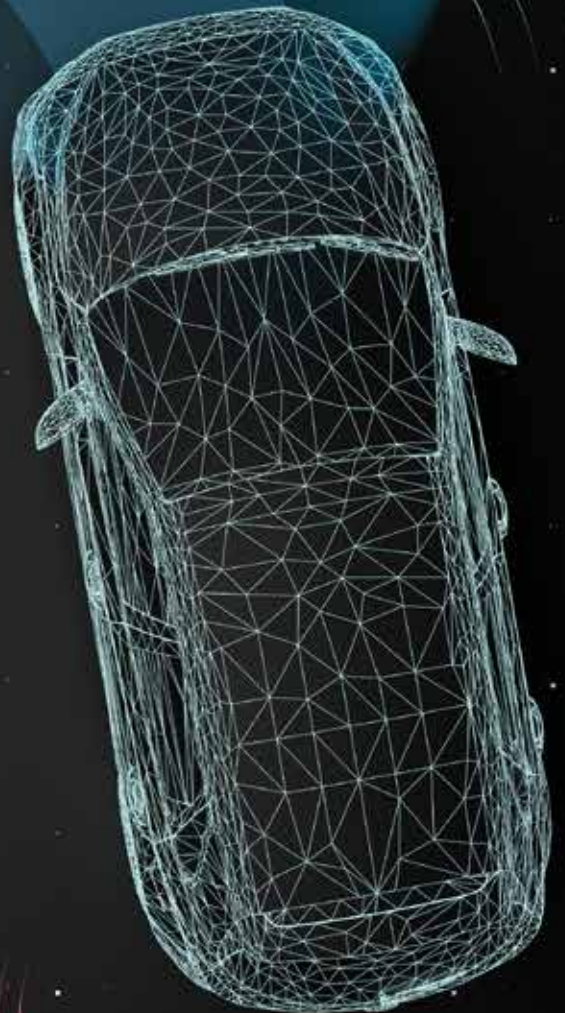


\*Advanced Driver Assistance System (ADAS) is not a substitute for human eye and driver vigilance, it is a driver assist system that enhances driving experience and safety. The driver shall remain responsible for safe, vigilant and attentive driving.

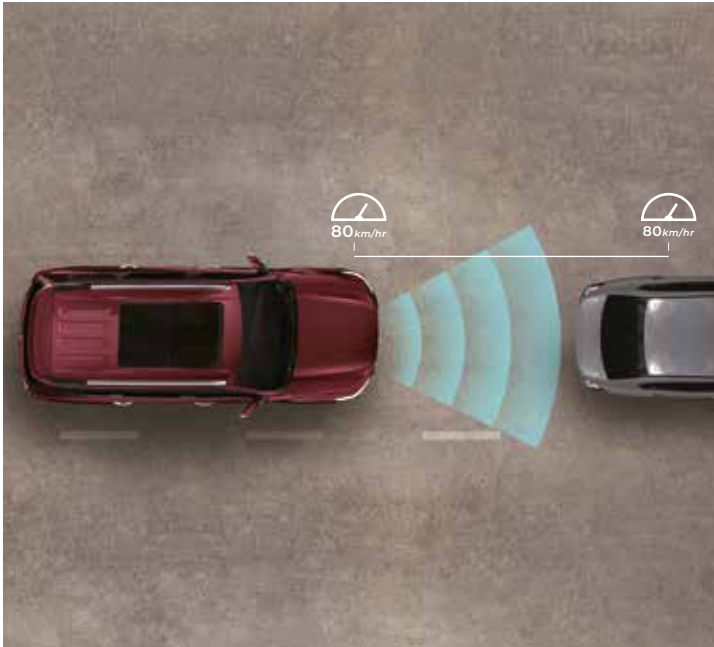
## WHAT IS *ADAS* AND HOW DOES IT WORK?

Almost all vehicle accidents are caused by human error, which can be reduced to an extent with the Advanced Driver Assistance System also known as ADAS\*.

ADAS is a group of safety and convenience functions intended to improve comfort for drivers and road safety and, preventing or reducing the severity of potential accidents. ADAS can do all this by alerting the driver, implementing possible safeguards in the vehicle & automating driving controls (based on the driving automation level of the vehicle). While Autonomous Level-5 denotes the global future dream of completely driverless cars, Level-1 acts as a driver assistant and the vehicle is dependent on the driver to monitor the driving environment and conditions. The Level-1 ADAS enhances your driving experience and makes it safer, more comfortable and more convenient. With MG Gloster, a premium SUV owner will be introduced to Level-1 ADAS and enable the intelligent human-machine interface.







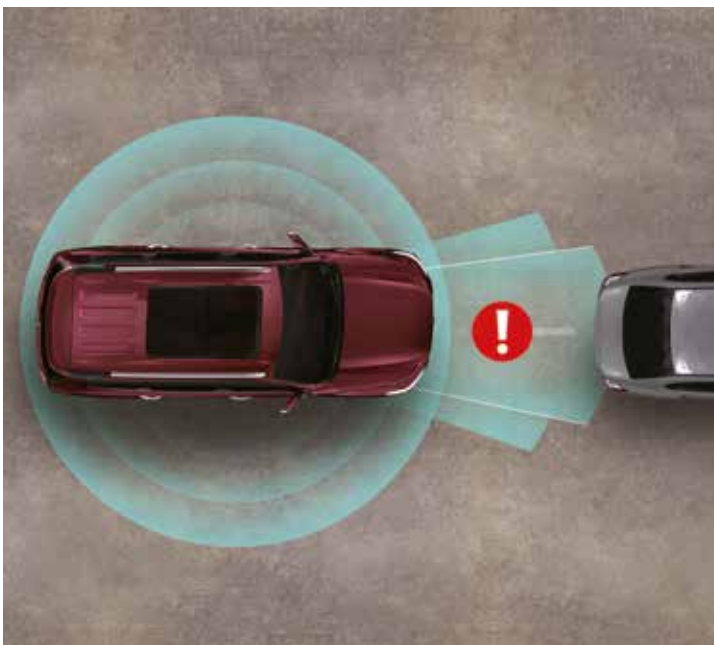
## ADAPTIVE CRUISE CONTROL (ACC)

Adaptive Cruise Control, also known as ACC is an advanced version of cruise control, particularly helpful for long drives as it senses the road ahead and enables the vehicle to control its acceleration and braking to achieve desired speed but also maintain safe distance from cars ahead. It can also come in handy while waiting at the red light and rush hour commuting. It is a full range cruise control that simply put, can just automatically follow the car in front of you as it can speed up to 150kmph and can slow down even to zero to achieve pace set by the driver while keeping a safe distance from the car in front of you as per the safe interval set by the driver.



## AUTOMATIC PARKING ASSIST (APA)

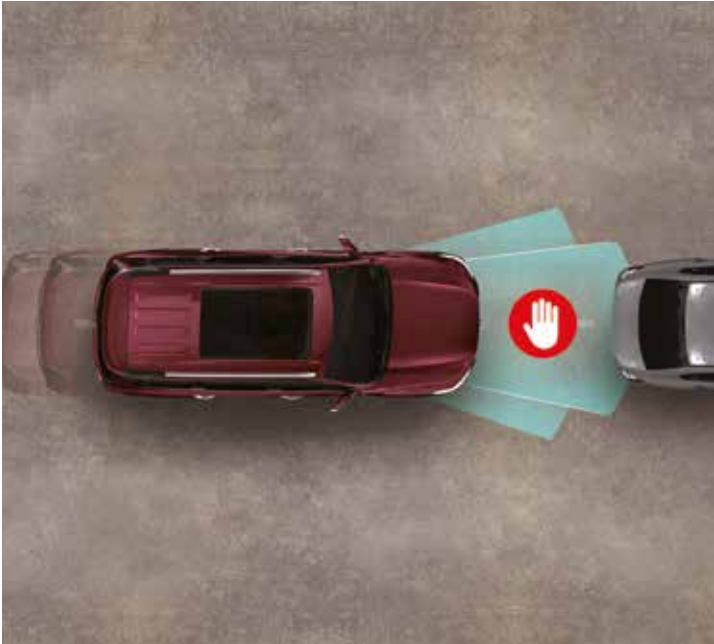
The system is a parking assist system for assisting in typical parallel and vertical parking. Once turned on, the ultrasonic sensor searches and judges the parking space. Once sufficient parking space is detected, the vehicle will assist you in parking by controlling the steering movement automatically and telling the driver when to apply reverse and drive gear and apply brake. This technology helps to solve common parking problems in densely populated urban areas. Automatic parking technology can park the car in smaller spaces. This makes it easier for car owners to find parking spaces, while taking up less space.



## FORWARD COLLISION WARNING (FCW)\*

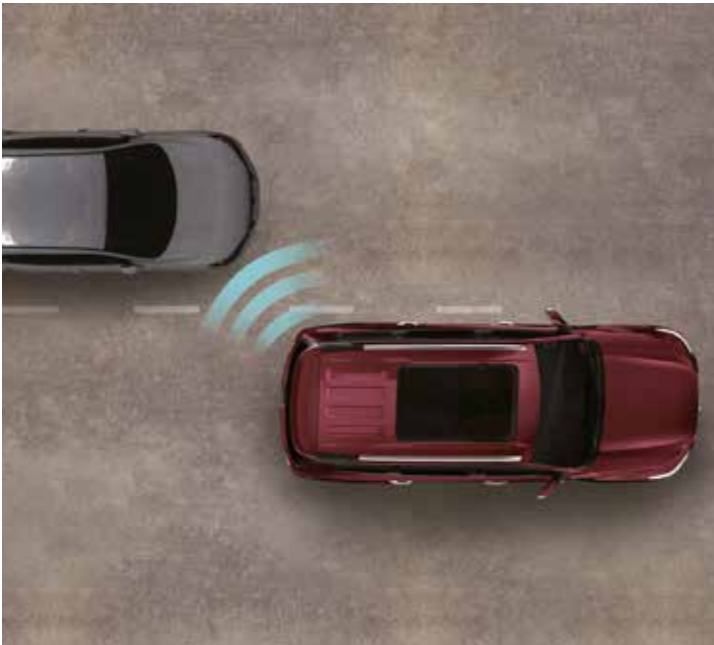
For the odd time or two when your gaze may falter from the road, it can have grave repercussions. However, the Forward Collision Warning, alerts the driver with both visual and acoustic signals when a potential collision is detected with a four-wheeler, two-wheeler or a pedestrian. The system is designed to alert and bring back the driver's attention and reduce the probability of a collision.

\*FCW alerts the driver of a possible collision by detecting pedestrian, bicycle or vehicle in front through visual and acoustic signs.



## AUTOMATIC EMERGENCY BRAKING (AEB)\*

In case, the driver takes no or insufficient action on the FCW alert and warning for potential collision with a four wheeler, the Automatic Emergency Braking will get activated and apply brakes on your behalf to further prevent or reduce the severity of the possible collision.



## BLIND SPOT DETECTION (BSD)

Sometimes, even after adhering to all rules of the road and maintaining road decorum, mishaps happen on the account of things out of your control. Blind spot detection systems use sensors to provide drivers with important information that is otherwise difficult or impossible to obtain. This feature detects and alerts the driver of any sudden movements in his/her blind spot – be it over-taking vehicles or side-lane strafing by motorcyclists.



## LANE DEPARTURE WARNING (LDW)

Lane Departure Warning uses a camera to detect lane markings ahead and monitors the vehicle's position in its lane. When the function detects that the vehicle is unintentionally, without signalling about to move out of its designated lane, it warns the driver by means of visual and acoustic signals. LDW makes sure that your driving experience is never compromised.

\*AEB activates braking intervention to help in preventing collision at slow speed or reduce speed of collision by decreasing the vehicle speed by 40 km/h at most (braking intervention for four-wheelers only).





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