

Lane Keeping Assist and its uses

Do you ever wonder why road accidents are getting out of control day by day? In today's first world we are all the time busy. Fatigue, distraction, all those things just take over us. But safety should be the priority right? Whether you are planning to buy a new car, maybe you already know about lane keep assist features as a safety feature. If you are curious to know more about it read on.

What is LKA?

In the era of advanced driver assistance technology, Lane-Keeping Assist is a very significant feature of this technology. In autonomous technology, LKA is one of the leading parts of it. It helps your vehicle to prevent unnecessarily drifting out of your lane. It will alert you by light, sound, and other types of warnings. Somehow if you miss those warnings it will gently pull your vehicle back to the middle of the lane.

How does LKA work?

LKA works through a forward-facing video camera. It keeps an eye on lane markings ahead of the car. It ensures that the vehicle doesn't get too close to the lane markings. If it happens by mistake it gently takes it back to the middle. In some LKA settings, it warns by giving an audible signal before it steps in. It allows you to manually reset the car before its impacts on steering. But you are not responsive toward its manual warning; it gently takes it back to the middle. Maybe it sounds a little bit aggressive but remember safety should be the priority.

Is it worth it?

If you are a daily user of the main road or highway network, LKA is your guardian angel for you. But if you spend more time in urban areas it will not be the best option for you. Though it is a brilliant technology it can't be an alternative for safe and attentive driving. This technology is not strong enough against bad weather. This system cannot detect potential crashes or road boundaries. So you can't fully rely on this system.