

Lane Keeping System - Overview

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The Lane Keeping System (LKS) has 2 functions, lane keeping aid and lane keeping alert. The Lane Keeping System (LKS) utilizes the camera located in the IPMA to detect and track the road lane markings. The lane keeping alert detects unintentional drifting toward the outside of the lane and alerts the driver through steering wheel vibrations and a visual alert in the IPC message center. The lane keeping aid assists the driver by automatically providing steering torque to help the driver keep the vehicle in the lane.

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