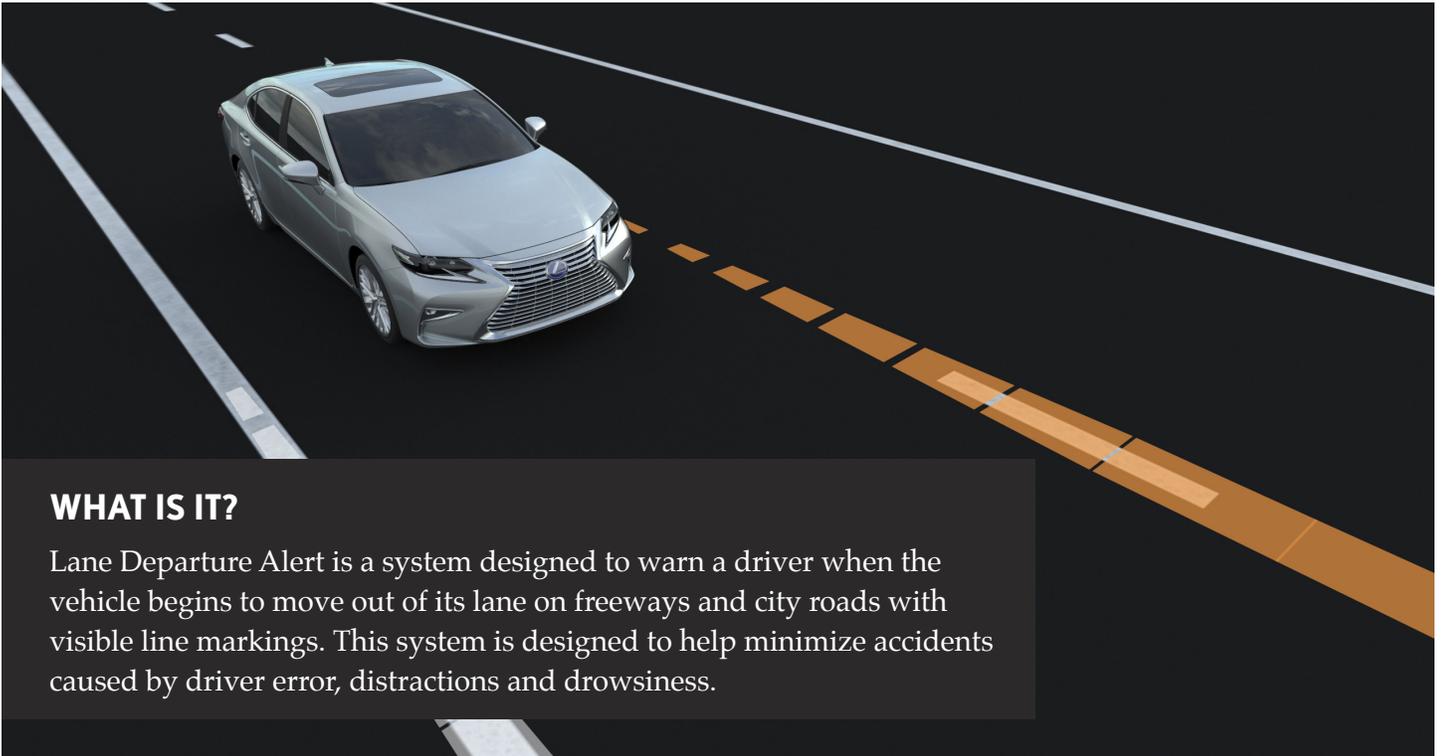


## LEXUS SAFETY SYSTEM + LANE DEPARTURE ALERT (LDA)



### WHAT IS IT?

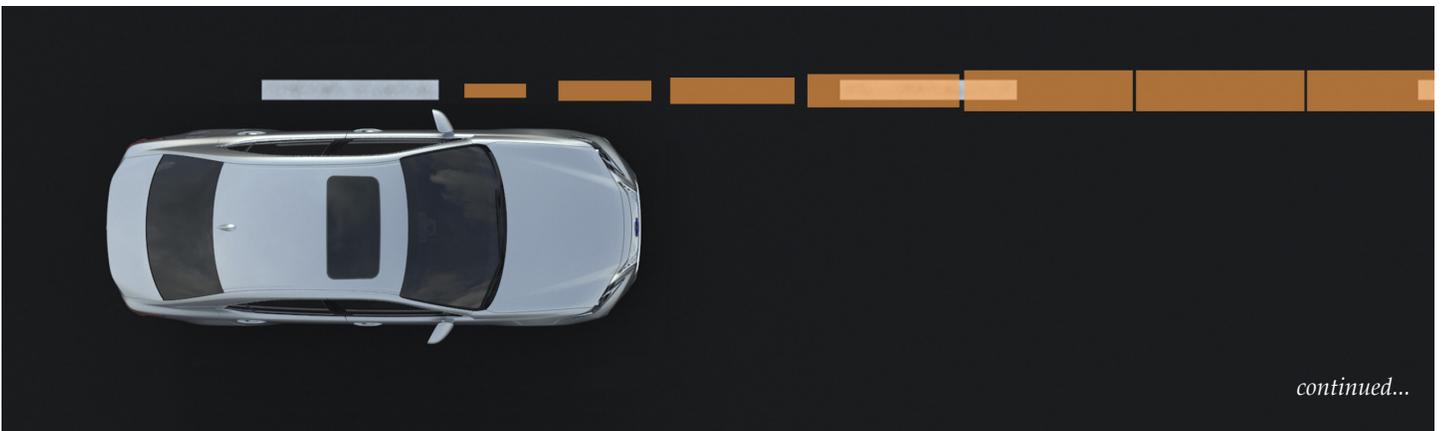
Lane Departure Alert is a system designed to warn a driver when the vehicle begins to move out of its lane on freeways and city roads with visible line markings. This system is designed to help minimize accidents caused by driver error, distractions and drowsiness.

### WHAT DOES IT DO?

This system uses a camera to recognize visible lane markers and determines the vehicle's position within the lane. If the vehicle appears to leave the traveling lane when blinkers are not being used, LDA notifies the driver, using a warning light on the instrument panel and an audible signal or a steering vibration.

### HOW DOES IT WORK?

A monocular camera mounted above the rear view mirror scans the road ahead and recognizes white (yellow) lines as lane markings. When the system determines that the vehicle might depart from its lane, a warning is displayed on the multi-information display, the warning buzzer sounds or the steering wheel vibrates to alert the driver. When the steering control function is active, small amounts of steering assistance are automatically provided for a short period of time to keep the vehicle in its lane.\*



*continued...*

## **LEXUS SAFETY SYSTEM + LANE DEPARTURE ALERT (LDA)**

This function operates when all of the following conditions are met:

- Lane Departure Alert is turned on.
- Vehicle speed is approximately 32 mph or more.
- System recognizes white (yellow) lines.
- Turn signal lever is not operated.

### **HOW IS IT CONTROLLED?**

- Enable – Press the LDA switch to turn the LDA system on. The LDA indicator illuminates, and a message is displayed on the multi-information display.
- Disable – Press the LDA switch again to turn the LDA system off. When the LDA system is turned on or off, operation of the LDA system continues in the same condition the next time the engine is started.
- Adjustments – The Lane Departure Alert type and sensitivity can be adjusted through the multi-information display. Lane Departure Alert, steering control function and vehicle sway warning can be independently turned on and off.

\*Steering Assist not available on the LX