

Delivery Tips for Intelligent Clearance Sonar (ICS)

OVERVIEW

What it is

ICS adds new capabilities (automatic braking and drive force control) to two existing driver-assist technologies on the 2017 RX: Intuitive Parking Assist and Rear Cross-Traffic Alert. It's designed to help keep the vehicle from bumping into things like walls, planters, pylons or other vehicles. If a collision is unavoidable, ICS can help reduce the damage.

What it does

In order to be activated:

- ICS must be turned on in the multi-information display (MID)
- The vehicle must be going less than 10 mph
- The object must be 6 to 13 feet away

Intuitive Parking Assist with Auto Braking: detects obstacles near the vehicle during parking maneuvers (below 10 mph, forward or reverse), alerts the driver and, if no action is taken, applies the brakes to avoid or reduce an impact.

Rear Cross-Traffic Braking: detects cross-traffic behind the vehicle when reversing out of a parking spot, alerts the driver and, if no action is taken, applies the brakes to avoid or reduce an impact.

The system works when driving forward or in reverse.

What your Guest will experience

As a Guest is pulling into or backing out of a parking space and moving too quickly (or they don't appear to be aware of an object), they will hear a beep and see a visual alert on the display. If the driver doesn't react at that point, they will feel the brakes engage and hold the vehicle but only for about two seconds. After that, the Guest must apply the brake pressure.

If the Guest is pulling into a tight spot where ICS is likely to activate (for example, when parallel parking), they may choose to turn off ICS.



To turn the ICS system on and off:

1. Press the menu button on the steering wheel
2. Scroll left once
3. Scroll to ICS (at the top) and select it
4. Choose Yes or No

As seen in the image at right, the MID screen will display whether the ICS system is on (yes) or off (no).

AT DELIVERY

1. Demonstrate how to turn ICS on and off using the steering wheel controls – but make sure your Guest understands value of leaving it on for general driving purposes.
2. Describe how the system works and how it benefits the Guest (e.g., if their child leaves a bicycle in the driveway).
3. Show them where the visual display would appear.
4. Reinforce that they remain in control and need to take over braking within two seconds.
5. Confirm the Guest's understanding by asking them confirming questions.
6. Answer any questions your Guest may have.



POST-DELIVERY

Offer to send any additional information (such as videos, information from the Explore MyLexus app, Quick Guides, etc.).

FAQ

Which vehicles will offer ICS for 2017?

It will be available on the 2017 Lexus RX exclusively. We are planning to add ICS to other models in the future. Please note that Intuitive Parking Assist with Auto Braking is not available on the RX 450h and Rear Cross-Traffic Braking is part of "BD" or "BP" on the RX 350 and standard on the RX 450h.

When is ICS activated?

If the function is on, the vehicle is going less than 10 mph, and it comes within 6 to 13 feet of an obstacle, the system will alert drivers both visually and audibly. If they do not react in time, the system will brake automatically for up to two seconds.

Do the distance parameters apply both in front of the vehicle and behind it?

Yes, the speed and distance parameters apply in both situations.