

# INTRODUCTION

## OUTLINE OF NEW FEATURES

The LEXUS IS200 is a high-performance, compact FR (Front-engine, Rear-wheel drive) sports sedan that has been developed under the NIAS (New Individual Athlete Sedan) concept. This concept of the previous IS200 is succeeded by the new IS300/200 models, in which the IS300 grade has been newly added through the addition of the 2JZ-GE engine. Based on the new IS300, a sporty 5-door called “IS300 SportCross” has also been added to the new lineup of models for Europe.

### 1. Model Line-Up

The models with 2JZ-GE engine have been added

- JCE10R/L-AEAVFW (Sedan)
- JCE10R-AEAVFQ (Sedan)
- JCE10R/L-AWAVFW (5-Door)

### 2. Exterior

#### IS300/200 (Sedan)

- The design of the radiator grille has been changed.
- In addition to the light smoke extension color of the rear combination lights, dark smoke has also been adopted. As a result, its harmony with the body color has been improved.
- A rear spoiler with a built-in LED high-mount stoplight is optional equipment.
- The design of the optional 16-inch wheels on the IS300/200 has been changed.

#### IS300 SportCross (5-Door)

- A stylish, yet sporty design that is based on the NIAS concept of the IS300/200 has been adopted.
- Front and rear bumpers that are sporty and wide have been adopted.
- A rear spoiler with a built-in LED high-mount stoplight is standard equipment.
- 17-inch x 7 1/2JJ size wheels have been adopted for the rear.

### 3. Interior

- A center armrest is provided as standard equipment on the automatic transmission model and optional equipment on the manual transmission model, in order to improve comfort.
- Black, soft-feel paint has been adopted for the instrument panel to improve its quality.
- A leather shift knob is available as optional equipment on all models to improve quality.

## 4. 1G-FE Engine

The new IS200 continues to use the 1G-FE engine of the previous model. However, a fuel cut control has been adopted to stop the fuel pump when the airbag is deployed at the front or side collision. For details, refer to [page 51](#).

## 5. 2JZ-GE Engine

- The IS300/IS300 SportCross have equipped the 2JZ-GE engine which is in-line 6-cylinder, 3.0 liter, 24-valve DOHC engine.
- This engine has the following systems:
  - 1) VVT-i (Variable Valve Timing-intelligent) system
  - 2) ETCS-i (Electronic Throttle Control System-intelligent)
  - 3) ACIS (Acoustic Control Induction System)
- This engine complies with European STEP III regulation requirements.
- The basic construction and operation are the same as 2JZ-GE engine in the GS300.

## 6. A650E Automatic Transmission

- The A650E, which is a 5-speed automatic transmission [Super ECT (Electronically Controlled Transmission)], has been newly adopted on the IS300/IS300 SportCross.
- The basic construction and operation are the same as those of the GS300.
- The E-Shift is used on the IS300/IS300 SportCross. This system, which has transmission shift switches located on the steering wheel, enables the driver to manually shift the ranges without having to release the hands off the steering wheel, provided that the floor shift lever is engaged in the M Position.
- An ATF warmer has been adopted for the purpose of warming up the ATF quickly and to set the ATF temperature higher.

## 7. Differential

- The IS300/IS300 SportCross comes with a conventional differential as standard equipment.
- A helical gear type torque sensing LSD (Limited Slip Differential) is optional equipment.

## 8. Drive Shaft

The same cross-groove type CVJ as adopted on GS300 has been adopted on IS300/IS300 SportCross as well.

## 9. Suspension

Linear control valve has been adopted to the front and the rear shock absorbers of IS300/IS300 SportCross, thus driving stability and riding comfort have been made compatible.

## 10. Brake

- The ABS with EBD & Brake Assist & TRC system is provided as standard equipment.  
ABS (Anti-lock Brake System), EBD (Electronic Brake force Distribution), TRC (Traction Control)
- VSC (Vehicle Skid Control) system is provided as optional equipment on IS300/IS300 SportCross.

## 11. Power Steering

Steering gear ratio has been changed from 15.7 to 14.5 and the feel at the start of steering in high-speed area has been improved.

## 12. Body Structure

As with the IS300/200, the IS300 SportCross has adopted a body construction that achieves high levels of both rigidity and safety.

## 13. Seat

- A folding seatback seat has been adopted for the front passenger seat of the IS300 SportCross.
- ISO-FIX bar for securing child seats have been provided on the rear seat.
- On Australia models, three CRS (Child Restraint System) tether anchor brackets for securing a child seat have been provided.
- A 3-point ELR (Emergency Locking Retractor) seat belt enclosed in the ceiling is provided to the center seat of the rear seat on IS300 SportCross.

## 14. Lighting

- The HID (High Intensity Discharge) headlight system and Automatic headlight beam level control system are standard equipment on the IS300/IS300 SportCross, and optional equipment on the IS200.
- The automatic light control system is standard equipment on all models.

## 15. Wiper System

Three-hole windshield washer nozzles have been adopted in order to spray the washer fluid to a wider area. As a result, the performance of the wipers to remove dirt has been improved.

## 16. Air Conditioner

- A variable-capacity type compressor (7SBU16) has been adopted on the IS300/IS300 SportCross models.
- The fin pitch of the heater core of the IS300/IS300 SportCross Europe LHD models, which was 2.5 mm on the IS200, has been changed to 1.8 mm.
- The automatic air conditioner control of all models has adopted a low-temperature FOOT/DEF control to improve defogger performance when the outside air temperature is low.

## 17. LEXUS Navigation System

- Through the use of the GPS (Global Positioning System) and map data in a DVD (Digital Versatile Disc), this navigation system analyzes the position of the vehicle and indicates that position on the map that is displayed on the screen.
- This system provides voice instructions guide the driver through the route to reach the destination that has been selected.
- The control switches of the LEXUS navigation system have been located on the floor console to improve their ease of use.

## 18. Door Lock Control System

- Double locking system has been adopted on Europe RHD model as a standard equipment and on Europe LHD model as an option.
- The method to activate this system has been changed.
- To lock the doors with this system, pressing the transmitter's LOCK switch, then pressing it again within 5 seconds activates the double locking system.

## 19. Electrical Back Door Outside Handle System

- Electrical back door outside handle system has been adopted on IS300 SportCross.
- This system is provided with a switch on the back door outside handle to open the back door electrically. Along with the adoption of this system, the key cylinder and the opener for the back door have been discontinued.

## 20. Theft Deterrent System

Theft deterrent system has been adopted on RHD model as a standard equipment and on LHD model as an option.

## 21. SRS Airbag System

- A curtain shield airbag has been newly adopted as the SRS (Supplementary Restraint System) of the IS300/200 and IS300 SportCross.
- The SRS air bags and SRS side and curtain shield airbags are standard equipment for the driver and front passenger seats.

## 22. Automatic Glare-Resistant EC Mirror

An automatic glare resistant EC (electrochromic) mirror system has been adopted for the inside and outside rear view mirrors as an option.

## 23. Headlight Cleaner System

- The headlight cleaner system is standard equipment on the IS300/IS300 SportCross models, and optional equipment on the IS200.
- In addition to the previous operation, a new function that operates in unison with the front windshield washer has been adopted.

## EXTERIOR APPEARANCE

### 1. 4-DOOR SEDAN



## 2. 5-DOOR

