

IS

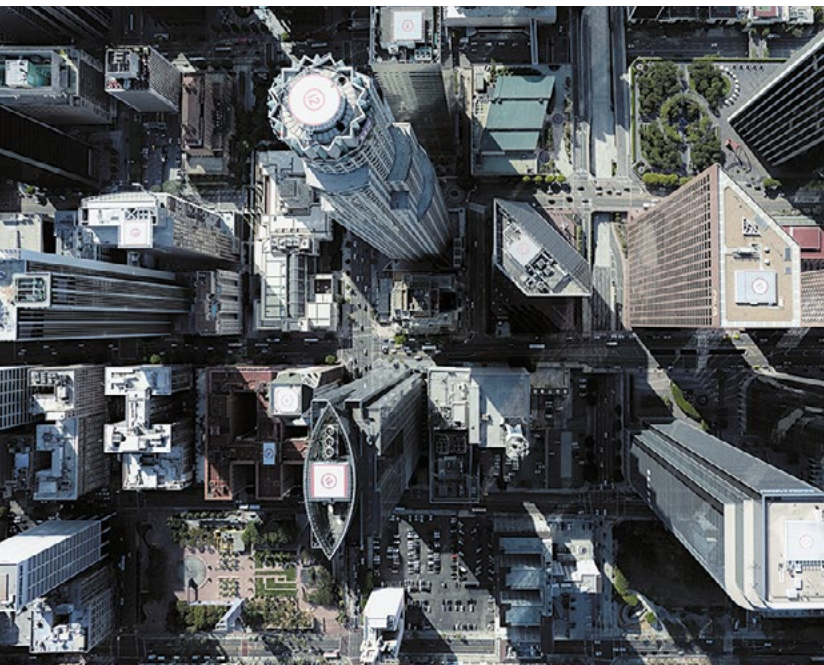
IS  
IS300h



















LEXUS

INTELLIGENCE  
SIX

1

CONCEPT



P13

2

DESIGN



P17

3

PERFORMANCE



P21

4

FEATURES



P28

5

SAFETY



P36

6

TAKUMI



P40





## CONCEPT



### Agile & provocative

A bold evolution of Lexus's essential sports sedan, the IS embraces a passionate love of driving, crafted to fuse a captivating presence with exhilarating performance. A highly individual expression of life and style, its irresistible fun-to-drive spirit will grow on you the more you drive.

» INTELLIGENCE





The development of the IS was driven by a passion to repeatedly push the limits of exhilarating performance to express the 'agile and provocative' design concept embedded in IS DNA. A sharp focus on realizing Lexus's clear and deep driving feel that unifies driver and vehicle contributed to an intuitive sense of driving flow, rhythm and control. It produces a remarkable 'duality' in performance, at once 'serene' and effortless for relaxed city driving, and 'dynamic' and engaged for aggressive driving on winding roads.

Sparkling anticipation of driving exhilaration at first sight, the wide, low silhouette of the 'agile and provocative' design is instantly recognizable as an IS. The large tires and wide arch of the fenders create a bold statement of intent in the ground-hugging profile, the deeply sculpted three-dimensional forms of the body shape an eye-catching allure. Inside the human-centered cabin, the fusion of passion and pleasure in the sporty lines, advanced interfaces and refined comfort stirs the soul.







## DESIGN



Evolving the IS's 'fun-to-drive' DNA, the provocative design signals an aggressive statement of intent. The dramatic stance and sharp sporty lines exude agility and exhilaration, embracing the spacious cabin in a bold form unprecedented in a 4-door sedan.

» INTELLIGENCE

# 2





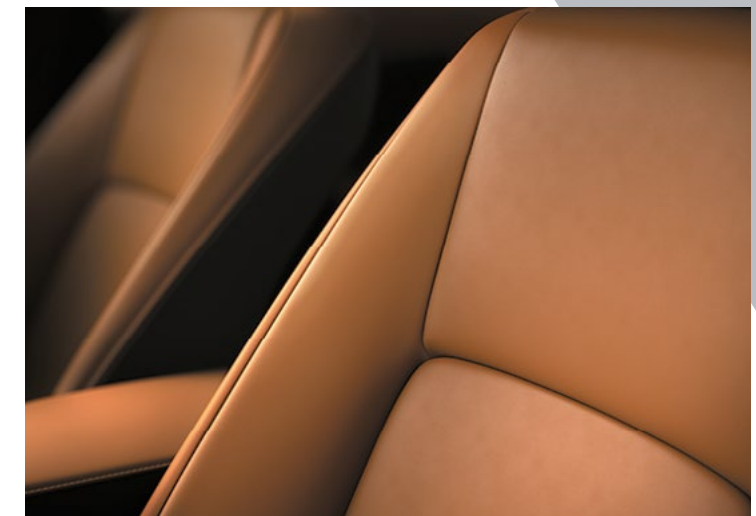
## EXTERIOR

Low and aggressive, the dynamic form created by the front and rear flares, spindle grille architecture, and contrasting play of highlights and shadows on the sculptured panels, express the powerful attractions of Lexus sports driving.



## INTERIOR

The soul-stirring interior galvanizes the desire to drive, the sporty lines of the human-centered design fusing advanced technology and craftsmanship in the refined features and finishes, fashioning an exceptional experience for drivers and passengers alike.







**PERFORMANCE**



Pushing the limits of 'exhilarating performance', the duality of the IS's 'serene' and 'dynamic' characteristics shines in diverse driving environments, equally adept at relaxed cruising in the city or aggressively tackling undulating curves on a mountain road, boosting driving confidence and pleasure.

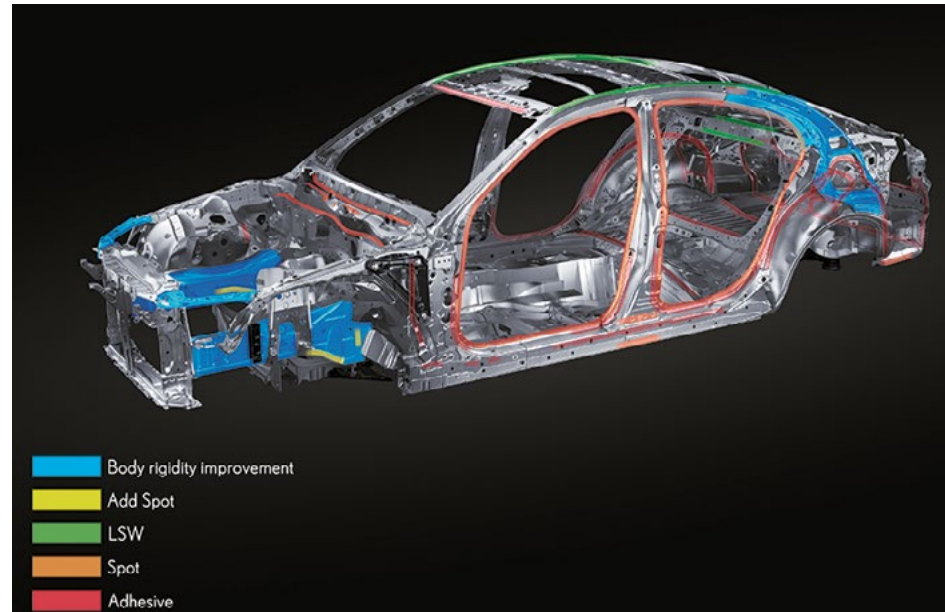
» INTELLIGENCE





How much driving exhilaration can Lexus offer? In our desire to bring higher levels of performance and sensitivity to the sports driving experience, Lexus explored qualities beyond those captured by numbers such as acceleration. For example, while driving on a winding road, a focus on creating smooth and precise response produced braking and steering that connect in a steady, seamless rhythm so the car and driver become one. Together with a swift and precise response to the driver's intent during both straight-line acceleration and subtle acceleration as the vehicle loads shift during

cornering, it produces highly responsive, exhilarating performance. To enhance comfort, Lexus examined various factors that impact driving comfort such as vibration and harshness on bumpy roads, identifying and making fine adjustments in how vibrations are transmitted, released, and suppressed, while creating a high rigidity frame. As an extra touch, Lexus tuned the engine to produce a linear shift in sound in response to pressing the accelerator, to deliver a captivating and fulfilling driving experience.

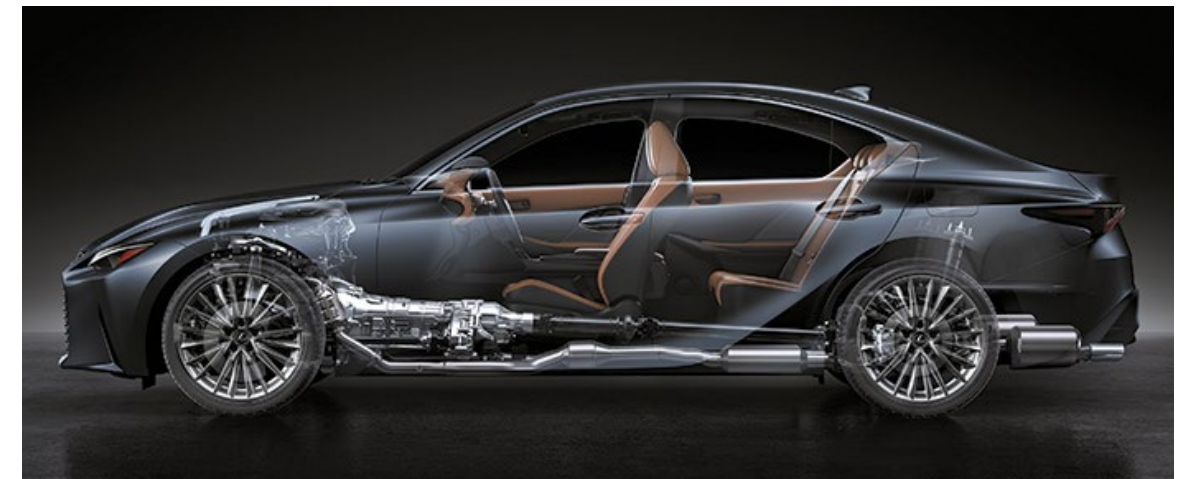


#### Lightweight, high-rigidity body

Using thicker plates to enhance chassis rigidity will naturally add weight. To find a better solution IS engineers focused on advanced welding technology, adding 55 fine-pitch spot welding points around the front side members, and adopting laser screw welding and adhesives to achieve high rigidity. They also enhanced body rigidity by stiffening the radiator support sides and rear pillar inner members, and lowered the moment of inertia by reducing the weight of the front and rear doors and trunk lid, contributing to enhanced driving performance.

#### Aerodynamics

The IS's advanced aerodynamics aim to achieve high fuel efficiency and a quiet cabin, together with sporty driving performance. Unifying the belt molding and panels on the sides of the body creates a strong turbulence rectifying effect, while fins integrated into the rocker panels help to control air flow and reduce roll. In addition, covers on the front door frames enhance aerodynamics, and aero stabilizing fins on the rear combination lamps and underbody contribute to outstanding steering stability and response.



#### Chassis (Front and rear suspension/Swing valve shock absorbers)

The double wishbone front suspension and multi-link rear suspension were optimized to deliver exhilarating driving, with the refining and tuning of individual components to provide excellent turning performance, steering response and feel, together with refined ride comfort. The adoption of swing valve shock absorbers on both the front and rear suspension dampens even minimal body movement, contributing to supple ride comfort at different speeds and in varying conditions. They provide a flat vehicle posture, excellent steering response and stability, and outstanding ride comfort.



#### Chassis (Hub bolts)

The adoption of hub bolts with a spherical seat to fasten the wheels to the hub bearings helps realize high axle rigidity while reducing unsprung weight. They contribute to clear feedback in steering feel and excellent ride comfort.





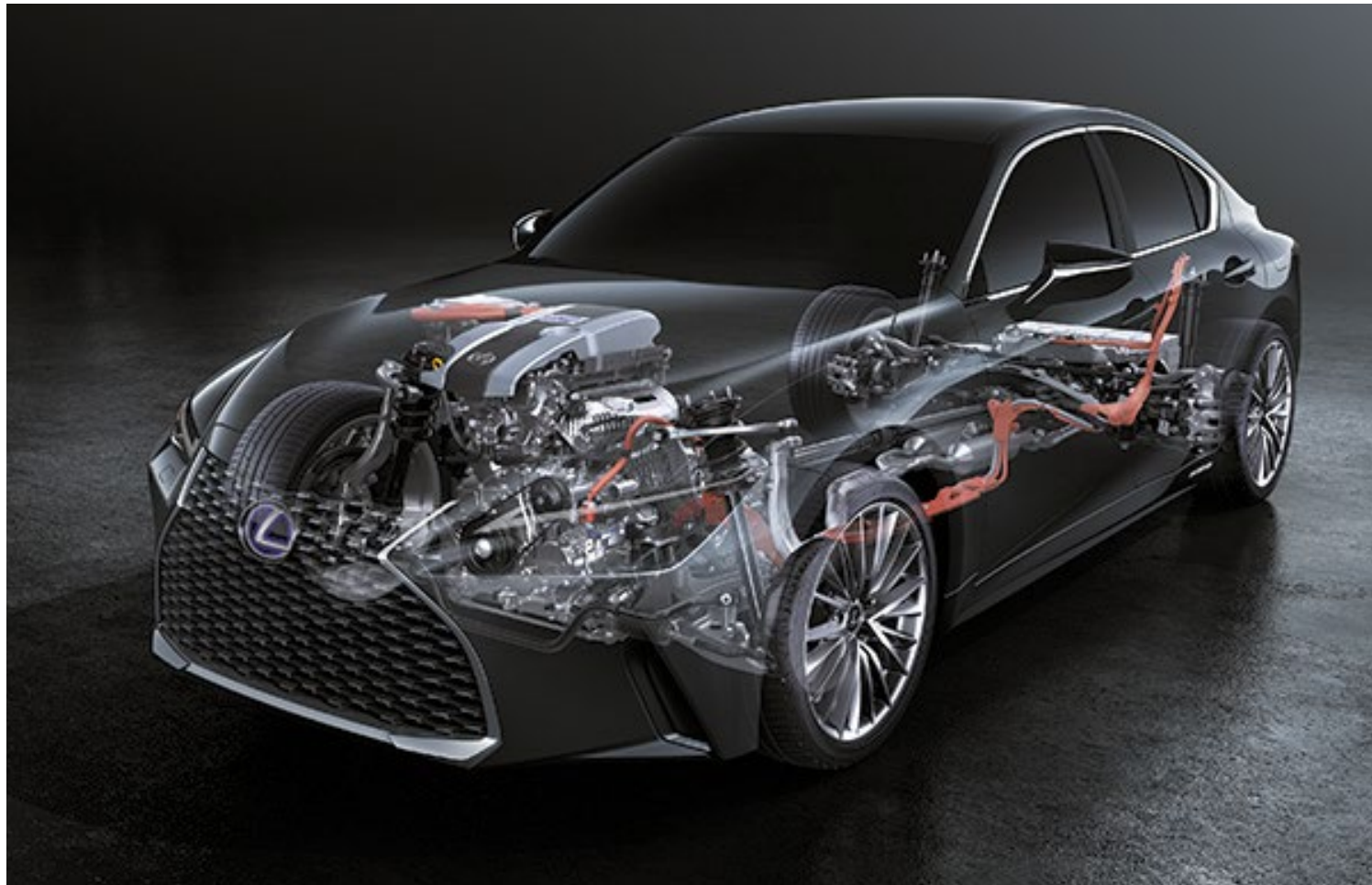
At Lexus, we see the communication between driver and car as the essence of sports driving performance. To bring driver and car ever closer together and sharpen the driver's senses, we combined advanced digital technologies including simulation technologies and the refined sensibilities of Lexus engineers on the development site, to open up new horizons in driving performance and comfort. It is no exaggeration to say finding a suitably demanding test course for a car like the IS that aims to change direction not only through steering, but also braking and acceleration, will bring a new level of performance to the IS series of tomorrow.

Our designs were put to the test on the third circuit at Toyota

Technical Center at Shimoyama, a 5.3km course with a 70m height difference modeled on the famed Nürburgring in Germany, regarded as the world's toughest racecourse. Much of the road surface is wavy, corners at different angles appear one after another, and jumps and blind corners dot the course. It is an exacting, challenging course that requires both driver and car to live up to their highest potential. Designed especially for vehicle development, the course features a service station that allows for immediate feedback from test drivers to engineers, enabling the IS to be honed to the point where it can go all-out around the course, evolving a FR sports sedan that offers an unprecedented level of communication between car and driver.







#### Lexus Hybrid Drive

The hybrid system fuses an engine integrating Dual VVT-i and D-4S with a high-output/high-torque motor and an electronic-controlled, continuously-variable transmission, providing a high-level balance of environmental friendliness and driving performance. It delivers excellent fuel efficiency and precise speed control in urban driving, and smooth, responsive performance on winding roads and when merging into expressway traffic. Optimizing drive force output and acceleration control to harness the swift response of the electric motor, further contributes to the smooth responsiveness and sporty, fun performance.\*<sup>1</sup>

\*<sup>1</sup> VVT-i: Variable Valve Timing-intelligent. D-4S: Direct injection 4 stroke gasoline engine Superior version.

Note: Vehicles pictured and specifications detailed in this catalog may vary from models and equipment available in your area. Please inquire at your local dealer for details on the availability of features.



## FEATURES



The fusion of advanced technology and dedicated craftsmanship in the refined features heightens the feeling of being in sync with the car, deepening the pleasure of every journey.

# 4

» INTELLIGENCE







### 3-eye Bi-Beam LED headlamps

The sweeping lines from the center of the grille through the slim compact design of 3-eye Bi-Beam LED headlamps visually emphasize the low center of gravity. The black lamp running across the top of the headlamps integrates a sharp L-shaped white DRL (Daytime Running Lamp). Below, three high and low projector beam LEDs are integrated in a compact unit that provides exceptional light distribution.



### Moonroof

The moonroof lets ample light and fresh air into the cabin, expanding the feeling of space and driving enjoyment. It opens and closes, tilts up and down at the touch of a button. A low-speed motor provides quiet operation.



### LED rear combination lamps

The Lexus signature L-shaped lightbar running across the trunk lid connects the left and right rear lamps with a single continuous line of LED lights, accentuating the wide stance and low center of gravity.

### Exhaust pipes

The design of the exhaust pipe tips shows attention to detail to create a sporty sound. The mufflers on the hybrid model provide a quietness befitting a Lexus hybrid, with the exhaust tips providing a sporty touch.





#### Interior space

The IS's cockpit whets your appetite to drive as soon you get in, the dramatic horizontal sweep from the instrumental panel to the upper door trim conveying a feeling of sporty luxury. The excellent driving position, easy-to-operate steering wheel and pedals, and switches that fall naturally to hand contribute to highly responsive driving.

#### Optitron meters

The self-illuminating 2-eye Optitron meters provide vital driving information at a glance. The combination of plating on the outside of the meter ring and satin-look plating on the inside evokes a feeling of sporty quality, heightened by the spin finish on the dial plate.

#### Lexus Display Audio

The Lexus Display Audio features a large 8-inch display enabling direct touch-screen operation of the on-screen buttons. Positioned for ease of use by both the driver and front seat passenger, it is also compatible with Remote Touch operation.

#### Steering wheel

The steering wheel shows the smooth fusion of technology and craftsmanship that is a Lexus hallmark. The refined shape of the horn pad evokes nimble handling and dynamic sporty style, the dark metallic color of the ornamentation panel creates unity with the interior, and the accent stitching on the wheel grips highlights the quality craftsmanship.



#### Remote Touch Interface

An interface designed for simple smartphone-style operation that lets users interact intuitively with navigation, audio system and Apple CarPlay through the 8-inch touch display. Integrated into the centre console to provide easy control of the systems without disturbing the driving posture and line of sight.

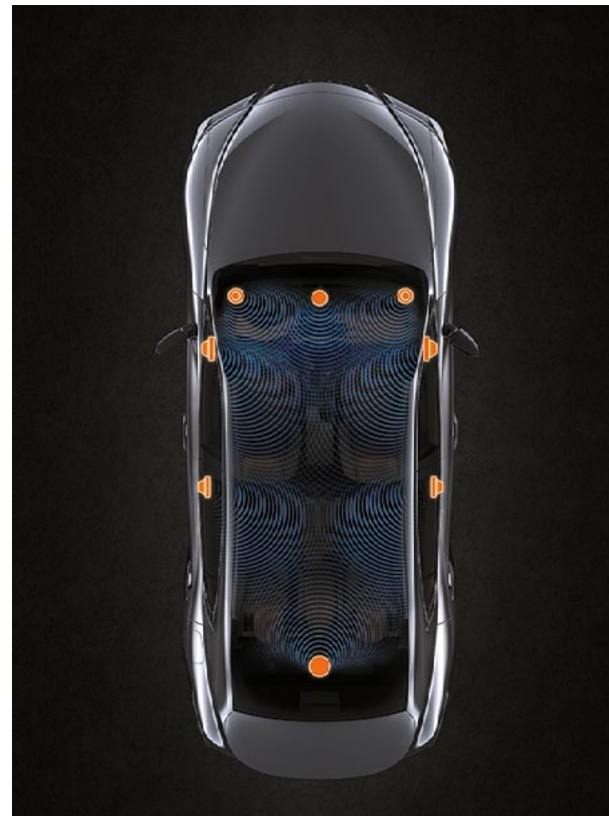






#### Auto air conditioning

The air conditioning system was designed to provide a comfortable 'fun-to-drive' environment in all seasons. To optimize individual comfort, temperature settings for the driver and front passenger seats can be set separately. Innovative electrostatic temperature controls in the center console enable quick and intuitive operation with the touch of a finger.



Lexus IS Premium Sound System

#### Lexus IS Premium Sound System

The high-resolution Premium Sound System 10-speaker system treats occupants to an exceptional audio experience with a dynamic and airy feel. CST (Coherent Source Transducer) speakers in the instrument panel combine a tweeter and mid-range, reproducing vocals that sound like the artist is singing live in front of you.



#### Trunk space

Balancing exhilarating performance with thoughtful functionality is the hallmark of Lexus. A good example is the intelligent layout of the rear suspension, which contributes to the ample capacity of the trunk.



## SAFETY



Sophisticated active and passive safety measures designed to help reduce driver stress and fatigue contribute to greater driving confidence and peace-of-mind, and ultimately to the deepening of driving pleasure.



» INTELLIGENCE





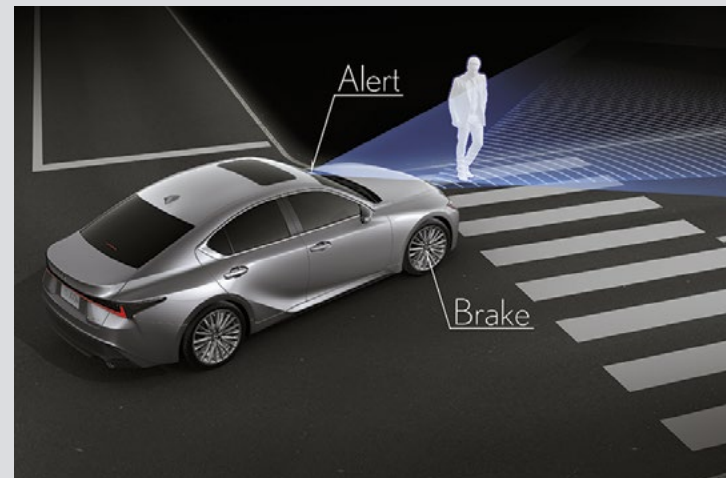


## LEXUS SAFETY SYSTEM +

### Pre-Collision System (PCS)

PCS\* detects other vehicles ahead and warns you when there's a high likelihood of a collision ahead, so you can take evasive action. If the driver is unable to react in time, the system will apply brakes and steering controls to reduce impact damage.

\*The pre-collision systems are engineered to assist safe driving. Note that the systems may not be able to avoid collision or mitigate accident injury/damage in every situation.



### Lane Tracing Assist (LTA)

Lane Tracing Assist is designed to work with Dynamic Radar Cruise Control to keep the vehicle centered in its visibly marked lane and preemptively avoid unintended lane departures.

### Automatic High Beam System (AHB)

Utilizing the camera mounted on the front side of the inner mirror for the detection of vehicles, the AHB system automatically switches the headlamps between high beam and low beam to provide good forward visibility at night.



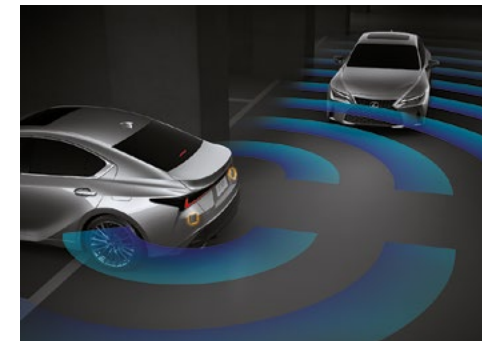
### Lane Departure Alert (LDA)

The LDA system uses the camera mounted on the front side of the inner mirror to help recognize white/yellow line markings and the vehicle's own position, and help you maintain lane discipline by gently vibrating when the car begins to veer, and sending discreet sound and light notifications to get you smoothly back on track.



### Dynamic Radar Cruise Control (DRCC)

DRCC enables you to travel calmly at a consistent speed while keeping you at a safe distance from the car in front. If your car is about to get too close, it will slow down to prevent a collision.



### PKSB (Parking Support Brake)

PKSB detects stationary objects such as walls in the direction of travel, as well as vehicles approaching from behind while reversing\*, and alerts the driver on the display and with a buzzer. In addition, in the event that the system determines a collision is likely, it applies drive force and brake force control to help avoid minor collisions and mitigate damage.

### Supplemental Restraint System (SRS) airbags

The IS features dual-stage SRS airbags (Front seats), SRS knee airbag (Driver's seat), SRS cushion airbag (Front passenger's seat) that supports seatbelt restraint by lifting the front edge of the seat cushion during a frontal collision, SRS side airbags (Front and outboard second row seats), and SRS curtain shield airbags (Front and rear door windows).<sup>\*2</sup>



<sup>\*1</sup> Detection of vehicles approaching from behind while reversing is not available in some markets. Please inquire at your local dealer for details.

<sup>\*2</sup> The SRS airbags are supplemental devices to be used with the seatbelts. The driver and all passengers in the vehicle must wear their seatbelts properly at all times. Never install a rear-facing CRS (Child Restraint System) on the front passenger's seat. For a forward-facing CRS, it is recommended you use it in the rear seats. Please do not use accessories for the seats which cover the parts where the SRS side airbags should inflate. Such accessories may prevent the SRS side airbags from activating correctly, causing serious injury (Lexus genuine seat covers are specifically designed for models equipped with the SRS side airbags. To find out about availability in your area, please inquire at your local dealer). The photo shows all the SRS airbags activated for display purposes only (the SRS side and curtain shield airbags only inflate on the side of the collision in an actual accident). For details on these and other important safety features, be sure to read the Owner's Manual carefully.

Note: The systems functions may not operate properly depending on the weather, road and vehicle conditions or other factors. Be sure to read the Owner's Manual carefully. Do not overly rely on these systems, as there is a limit to the performance they can provide. The driver is always responsible for paying attention to the vehicle's surroundings and driving safely. Vehicles pictured and specifications detailed in this catalog may vary from models and equipment available in your area. Please inquire at your local dealer for details on the availability of features.

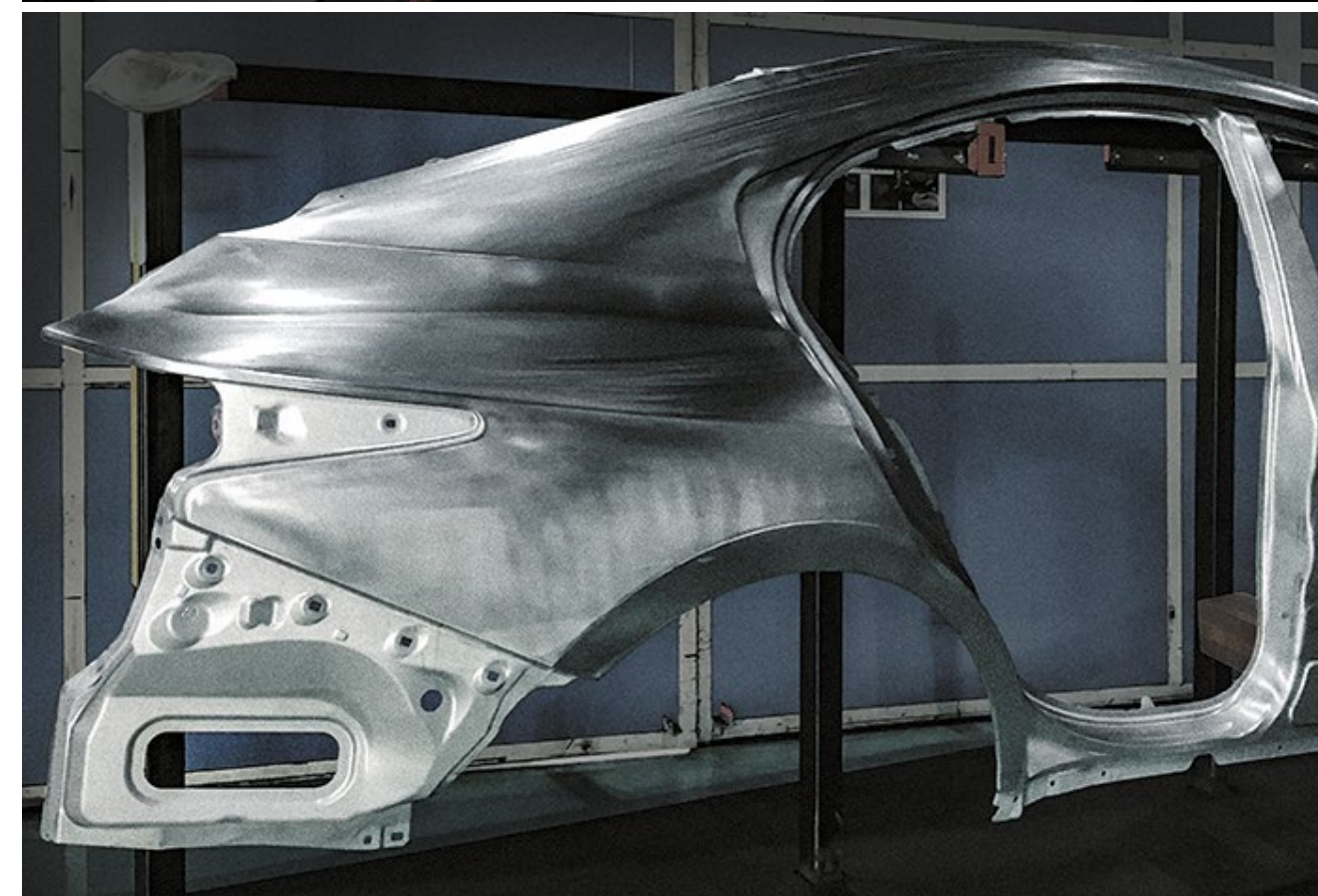


## TAKUMI



Our Takumi craftsmen strive for perfection in every aspect of their work, actively seeking enhancements by applying constant care and dedication to their craftsmanship, blending their craftsmen's skills with the power of technology to better anticipate the future. The design of the IS required innovative firsts in FR sport sedan construction, inspiring the development of two new methods, pushed-up and drawn-in construction, to enable the combination of sharp lines and complex, three-dimensional forms that couldn't be achieved using conventional press technology. These technological advances were complemented by Takumi craftsmanship, creating molds with a precision of 0.01mm or less, with rigorous on-site quality checks to eliminate any subtle misalignments of curved surface and lines.

» INTELLIGENCE



Note: Vehicles pictured and specifications detailed in this catalog may vary from models and equipment available in your area. Please inquire at your local dealer for details on the availability of features.



EXTERIOR & INTERIOR  
COLORS

*A selection of sophisticated exterior colors heightens the IS's provocative style and distinctive identity, powerful expressing the agile driving feel. It is complemented in the cabin by the two-tone color schemes that deepen the feeling of exhilaration.*



Sonic Quartz <085>



Sonic Titanium <1J7>



Sonic Chrome <1L1>



Sonic Iridium <1L2>



Graphite Black Glass Flake <223>



Red Mica Crystal Shine <3R1>



Celestial Blue Glass Flake <8Y6>



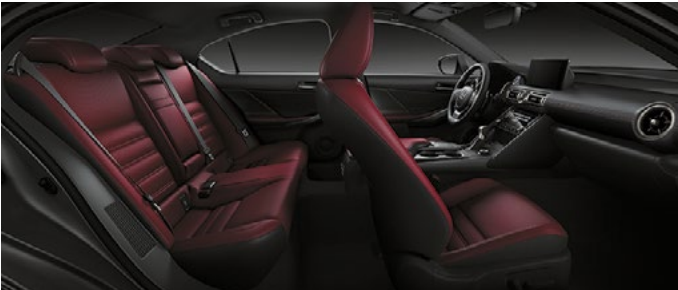
18-inch aluminum alloy wheels



<SMOOTH LEATHER>



Ocher



Dark Rose

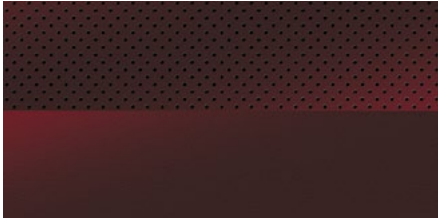


Black

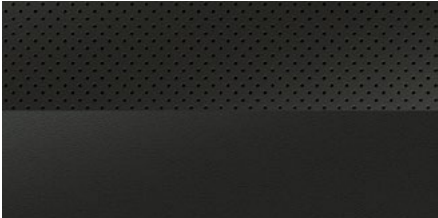
<SMOOTH LEATHER>



Ocher



Dark Rose



Black

<TRIM>



Black Geometry Film



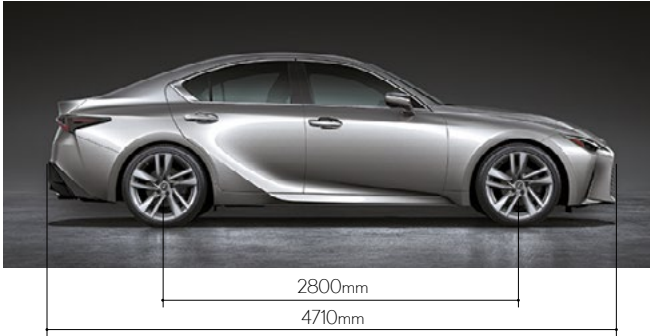
SPECIFICATIONS <IS300h>

DIMENSIONS & WEIGHT

Overall length:	4710mm
Overall width:	1840mm
Overall height:	1435mm
Wheelbase:	2800mm
Curb weight:	1,700 - 1,735 kg<IS300h>

ENGINE <IS300h>

Type:	L4 16-valve DOHC with Dual VVT-i (2AR-FSE)
Piston displacement:	2,494cc
Max. output:	181 PS / 6,000rpm
Max. torque:	221 Nm / 4,200 - 5,400 rpm



- Addition of extra features may change figures in this chart.  
- Toyota Motor Corporation reserves the right to alter any details of specifications and equipment without notice.  
Details of specifications and equipment are also subject to change to suit local conditions and requirements.  
Please inquire at your local dealer for details of any such changes that might be required for your area.  
Note: Vehicles pictured and specifications detailed in this catalog may vary from models and equipment available in your area.  
- Vehicle body color might differ slightly from the printed photos in this catalog.