



## 2016 IS Sedan Product Information

Note: Items in **bold** are new for 2016

<b>EXTERIOR DIMENSIONS</b>	
Wheelbase	110.2 in.
Overall Length	183.7 in.
Overall Width	79.8 in. (mirrors extended)
Overall Height (unloaded)	56.3 in.
Tread Width - Front	60.4 in.
- Rear	61.0 in.      60.6 with 18-inch wheels/tires

<b>INTERIOR DIMENSIONS</b>	
Seating Capacity	5
Headroom - Front	38.2 in. with moonroof
- Rear	36.9 in. with moonroof
Legroom - Front	44.8 in.
- Rear	32.2 in.
Shoulder Room - Front	55.9 in.
- Rear	53.4 in.
Hip Room - Front	54.3 in.
- Rear	54.0 in.
EPA Passenger Volume	90.2 cu. ft.
VDA Cargo Volume	<b>10.8</b> (SAE) 13.8 cu. ft.

<b>WEIGHTS AND CAPACITIES</b>	
Curb Weight / - IS 200t	<b>3,583 lbs./4,630 lbs.</b>
GVWR - IS 300 AWD	<b>3,737 lbs./4,686 lbs.</b>
- IS 350	3,593 lbs./4,630 lbs.
- IS 350 AWD	<b>3,737 lbs./4,686 lbs.</b>
Weight Dist. - IS 200t	<b>54/46</b>
(Fr/Rr) - IS 300 AWD	<b>55/45</b>
- IS 350 RWD/AWD	54/46
Ground Clearance - IS 200t	<b>5.3 in.</b>
- IS 300 AWD	<b>5.1 in.</b>
- IS 350 RWD/AWD	5.3 in./5.1 in.
Fuel Capacity	17.4 gal.



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<b>ENGINE</b>	<b>IS 200t</b>	<b>IS 300 AWD</b>	<b>IS 350</b>
Type, Materials	<b>In-line 4-cylinder aluminum block and cylinder heads</b>	<b>V6 with aluminum block and cylinder heads</b>	V6 with aluminum block and cylinder heads
Designation	<b>8AR-FTS</b>	<b>2GR-FSE</b>	2GR-FSE
Valvetrain	<b>DOHC 16-valve with Dual VVT-iW</b>	<b>DOHC 24 valve with dual continuously Variable Valve Timing with intelligence (VVT-i)</b>	DOHC 24 valve with dual continuously Variable Valve Timing with intelligence (VVT-i)
Displacement	<b>2.0 liter twin-scroll turbocharged with intercooler (1,998 cc; 122 cu. in.)</b>	<b>3.5 liters (3,456 cc; 210 cu. in.)</b>	3.5 liters (3,456 cc; 210 cu. in.)
Bore x Stroke	<b>3.39 in x 3.39 in.</b>	<b>3.70 in. x 3.27 in.</b>	3.70 in. x 3.27 in.
Compression Ratio	<b>10.0:1</b>	<b>11.8:1</b>	11.8:1
Horsepower (SAE)	<b>241 hp @ 5,800 rpm</b>	<b>255 hp @ 6,400 rpm</b>	306 @ 6,400 rpm
Torque	<b>258 lb.-ft. @ 1,650-4,400 rpm</b>	<b>236 lb.-ft. @ 2,000-4,800 rpm</b>	277 lb.-ft. @ 4,800 rpm
Maximum Engine Speed (redline)			6,600 rpm
Fuel System	<b>Electronic Fuel Injection (EFI, D-4ST)</b>	<b>Electronic Fuel Injection (EFI, D-4S)</b>	Stoichiometric direct-to-cylinder injection system (plus secondary port injectors)
Fuel Requirement	<b>Premium 91-octane unleaded</b>	<b>Premium 91-octane unleaded</b>	Premium 91-octane unleaded
Emission Certification	<b>LEV III ULEV</b>	<b>LEV II ULEV</b>	LEV II ULEV



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<i>DRIVETRAIN</i>	<i>IS 200t</i>	<i>IS 300 AWD</i>	<i>IS 350</i>	<i>IS 350 AWD</i>
Layout	<b>Front engine, rear wheel drive</b>	<b>Front engine, all-weather drive</b>	Front engine, rear-wheel drive	Front engine, all-weather drive
Transmission Type	<b>8-speed Multi-Mode automatic Transmission, Electronically Controlled Transmission with intelligence (ECT-i) with steering wheel mounted paddle shifters</b>	<b>6-speed Electronically Controlled automatic Transmission with intelligence (ECT-i) with steering wheel-mounted paddle shifters</b>	8-speed Electronically Controlled <u>automatic</u> Transmission with intelligence (ECT-i) with steering wheel-mounted paddle shifters	6-speed Electronically Controlled <u>automatic</u> Transmission with intelligence (ECT-i) with steering wheel-mounted paddle shifters
Designation	<b>AA81E</b>	<b>A760H</b>	AA81E	A760H
Gear Ratios				
1 <sup>st</sup>	<b>4.596</b>	<b>3.520</b>	4.596	3.520
2 <sup>nd</sup>	<b>2.724</b>	<b>2.042</b>	2.724	2.042
3 <sup>rd</sup>	<b>1.863</b>	<b>1.400</b>	1.863	1.400
4 <sup>th</sup>	<b>1.464</b>	<b>1.000</b>	1.464	1.000
5 <sup>th</sup>	<b>1.231</b>	<b>0.713</b>	1.231	0.713
6 <sup>th</sup>	<b>1.000</b>	<b>0.582</b>	1.000	0.582
7 <sup>th</sup>	<b>0.824</b>	-	0.824	-
8 <sup>th</sup>	<b>0.685</b>	-	0.685	-
Rev.	<b>4.056</b>	3.168	4.056	3.168
Differential Ratio/Type	<b>3.133</b>	<b>3.769</b>	3.133	3.769



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<b>CHASSIS AND BODY</b>	
Body/Frame	Unitized steel body/frame structure
Suspension - Front	Double wishbones with high-mount upper arms, coil springs, gas-filled shock absorbers, stabilizer bar
- Rear	Multilink, coil springs, gas-filled shock absorbers, stabilizer bar
Steering - Type	Rack and Pinion with EPS (optional VGRS for IS 350 F SPORT RWD)
- Overall Ratio	13.2:1 RWD 13.3:1:1 AWD
- Turns (lock to lock)	RWD 2.84 AWD 2.75 w/VGRS 2.58min/3.493max
- Turning Circle (curb to curb)	RWD 34.2 ft. AWD 35.4
Brakes - Type	Four-wheel power-assisted disc brakes with Anti-lock Braking System (ABS) and Electronic Brake Force Distribution (EBD), Brake Assist (BA), Vehicle Stability Control (VSC) and Traction Control (TRAC) - all systems integrated with Vehicle Dynamic Integrated Management system (VDIM)
- Front	200t/300 <b>13.15"</b> ventilated 350 13.15" ventilated
- Rear	200t/300 <b>12.20"</b> ventilated 350 12.20" ventilated
Anti-lock Braking System	4-channel, 4-sensor
Wheel Size/Type	17 x 7.5 in. ten-spoke aluminum alloy <b>18 x 8 in. five-spoke (IS 350 only)</b>
- Optional	18 x 8 in. front /18 x 8.5 in. rear aluminum alloy
Tire Size/Type	225/45R17 (Fr/Rr – all-season) <b>225/40R18 225/35R all season (IS 350 only)</b>
- Optional	225/40YR18 Fr 255/35YR18 Rr (RWD Summer / AWD all-season)
Spare Tire and Wheel	Temporary spare
Tire Brands	Bridgestone

<b>PERFORMANCE</b>	<b>IS 200t</b>	<b>IS 300 AWD</b>	<b>IS 350</b>	<b>IS 350 AWD</b>
0–60 mph Acceleration (mfg. estimates)	<b>6.9 sec</b>	<b>6.1 sec.</b>	5.6 sec.	5.7 sec.
¼ mile	NA	NA	13.8	14.0
Top Track Speed (mfg. estimates)	<b>143 mph</b>	<b>131 mph</b>	143 mph	131 mph
Estimated Fuel Economy* (City/Hwy/Combined)	<b>22/32/26</b>	<b>19/26/21</b>	19/28/22	19/26/21
Coefficient of Drag (Cd)	<b>0.28</b>	<b>0.29</b>	0.28	0.29

\*Manufacturer estimate. Actual mileage will vary.



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### STANDARD EXTERIOR FEATURES

#### Overall Exterior Styling/Body Design

- 17-inch wheels; **18-inch wheels (IS 350 only)**
- Moonroof (power tilt and retract)
- Color coordinated front airdam
- Color-keyed outside rearview mirrors
- Dual polished stainless steel exhaust pipes
- HID headlamps with LED daytime running lights
- LED brake, tail and license plate lamps
- LED Foglamps (non-F SPORT only)
- Color-keyed shark fin antenna for SiriusXM Satellite Radio (complimentary 90-day trial subscription)
- Side mirrors with integrated turn signals and puddle lamps

#### Body Structure and Paint

- Exterior colors (9): **Eminent White Pearl**, Obsidian, Silver Lining Metallic, Atomic Silver, Nebula Gray Pearl, **Redline**, and exclusive to F SPORT models **Ultrasonic Blue Mica 2.0**, Ultra White and Atomic Silver
- Flush surface body panel and glass
- Galvanized steel used in all areas of the body except the passenger compartment and the roof
- One-piece color-keyed Super Olefin Polymer front and rear bumpers
- Stainless steel exhaust system
- PVC sealer and undercoating
- Use of sound dampening asphalt sheets in roof and floor pan

#### Convenience Features

- Heated outside rearview mirrors
- SmartAccess with push button start



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### **STANDARD INTERIOR FEATURES**

#### **Interior Trim**

- Gray and Illustrious Piano Black trim (Base), Linear Dark Gray wood or Linear Brown wood (Luxury Package) or Silver Performance trim (F SPORT)
- Fabric sun visors and headliner
- Floor mats
- Front (2) and rear (2) articulating assist grips
- Interior colors: Black, Stratus Gray, Parchment, Flaxen and for F SPORT package models, Black, Stratus Gray and Rioja Red
- NuLuxe trimmed seating

#### **Seats**

- Front seatback pockets
- Heated front seats (AWD only)
- Height adjustable front shoulder belt anchors
- 60/40 split folding rear seat

#### **Instrumentation and Controls**

- Analog clock, exterior temperature gauge
- Battery, oil level, seat belt, brake, airbag SRS, side airbags SRS, engine, oil pressure, low fuel, tire pressure and tire slippage (with TRAC) warning lights
- DC outlet and 1 AUX and 2 USB jacks in console box
- Door open, TRAC off, high beam, hazard and cruise control indicator lights
- Foglamp indicator (non-F SPORT only)
- Headlights-on indicator in instrument panel
- LCD-type electronic digital twin trip meters and odometer display (non-F SPORT only)
- LFA inspired TFT combination meter (F SPORT only)
- Optitron gauges featuring a 160-mph speedometer, 8,000-rpm tachometer, fuel and coolant temp gauges (non-F SPORT only)
- Scheduled maintenance indicator light

#### **Convenience Features**

- Articulating assist grips (two front/two rear)
- Bluetooth® wireless phone technology
- Covered center console storage box
- Cruise control
- Cup holders located in the center console (2)
- Door courtesy lights, glove box light and trunk light
- Dust/pollen interior air filter
- Electrochromic rearview mirror with compass (without Navigation)
- First aid kit



Note: Items in **bold** are new for 2016

### **STANDARD INTERIOR FEATURES – CONT.**

#### **Convenience Features – cont.**

- Front and rear dome light and individual map lights integrated into headliner
- Front center armrest
- HomeLink® programmable garage door opener
- Illuminated outside mirror button controls
- Lexus Personalized Settings (LPS) to allow certain electronic settings to be tailored to owner preference (programmable by Lexus dealers)
- Manual tilt and telescoping adjustable steering wheel
- Power door locks with anti lock-out
- Power windows with auto up/down with jam protection
- Rear armrest with storage box
- Remote trunk lid release
- Retained accessory power for operation of power windows and moonroof
- Retractable coat hooks
- Siri Eyes Free Mode – (iPhone 4S, iPhone 5, iPhone 5C, iPhone 5S)
  - Call contacts
  - Select and play music from iTunes®
  - Hear and compose text messages and emails
  - Hear sports scores, stock info. and weather
  - Use maps and get directions (turn-by-turn navigation can be requested through Siri and Apple maps); map displayed on phone screen
  - Perform POI searches
  - Requested search info. read back to driver over vehicle audio system (iPhone screen remains blank)
  - Read notifications
  - Read calendar information; Add reminders, calendar appointments and notes
- Stainless steel scuff plates (front doors)
- Speed-sensitive, shift-linked automatic door lock/unlock

### **STANDARD AUDIO SYSTEM**

#### Lexus Display Audio

- 7-inch VGA screen
- 8 speakers
- 293-watts
- AM/FM in-dash CD
- Digital signal processing with Automatic Sound Levelizer (ASL)
- HD Radio™ (complimentary traffic and weather)
- Integrated SiriusXM® Satellite Radio receiver (complimentary 90-day trial subscription included)
- iTunes tagging
- MP3/WMA and dual USB/iPod® audio input plugs
- Rear glass-imprinted radio antenna with separate FM diversity antenna
- Streaming audio via Bluetooth® 3.0



Note: Items in **bold** are new for 2016

### MULTIMEDIA

- Home screen divided into three sections (customizable for HVAC, audio, traffic, MID)
- Navigation (optional)
  - 3D buildings; key buildings/landmarks
  - My traffic routes; preset frequently used routes, ETA for routes
  - Speed limit display on road traveled
  - ETA calculation improved (speed limit, current traffic, predictive traffic data)
  - Traffic detour preview; alternate route options offered when traffic becomes heavy
  - Predictive traffic; provides view of traffic ahead based on Clear Channel Total Traffic Network (15 minute increments)
- MID data sharing; content from headunit displayed in MID (e.g. song information, NAV direction, call info.)
- Voice Recognition
  - One-shot address entry
  - Steering wheel control of onboard/offboard voice recognition
  - Voice Recognition Guidance Level; ability to choose voice prompt level (High/Low/Off)
  - Hint screens
- Cache Radio; ability to pause live AM/FM radio and HD Radio (15 minutes later)
- Hybrid Data Service
  - Traffic and Weather data provided via HD Radio (free to all users while in HD Radio range)
    - Display Audio has basic traffic map and weather forecast
    - NAV-equipped vehicles have up to date and predictive traffic, Doppler weather and weather forecast
      - NAV-equipped vehicles w/Lexus Enform App Suite can continue to receive data outside of HD Radio range (switches to cellular connectivity when outside of HD Radio range)





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### **STANDARD SAFETY AND SECURITY**

#### **Safety**

- Automatic Locking Retractor (ALR) and Emergency Locking Retractor (ELR) function for all positions except driver (driver's only equipped with ELR)
- Three-point belts for all seating positions, including center rear, front and outboard rear with force-limiting pretensioners; height adjustable front shoulder belt anchors
- Child Restraint Seat (CRS) top tether anchor brackets (adopted to comply with phase-in of the new CRS Anchorage Points Regulation)
- LED Daytime Running Lights (DRL)
- Location specific Tire Pressure Monitor System (TPMS)
- Front and rear door side impact beams
- Front and rear energy-managing crumple zones
- Impact absorbing door and body construction
- Supplemental Restraint System (SRS) - Driver's and front passenger's airbag, Driver's and front passenger's knee airbag, Front seat-mounted side airbag, Front and rear (2) side curtain airbags and Rear side
- Anti-lock Braking System (ABS) with Electronic Brakeforce Distribution (EBD) and Brake Assist (BA)
- Traction Control (TRAC)
- Vehicle Dynamics Integrated Management (VDIM) with cut-off switch

#### **Security**

- Entry system with lock, two-stage unlock, trunk open and "panic" features, volume-adjustable confirmation tone and rolling code technology
- Headlight-off delay feature (after locking vehicle, headlights remain illuminated for approximately 30 seconds before automatically shutting off)
- Multifunction in-key remote
- Remote-activated, SmartAccess-linked illuminated entry (dome-light ring illuminates when doors are unlocked, remains illuminated for 15 seconds or until door is opened)
- Lexus Enform Safety Connect with Automatic Collision Notification, Stolen Vehicle Location, Emergency Assist Button, and Enhanced Roadside Assistance (complimentary one-year trial subscription included)
- Vehicle theft-deterrent system with engine immobilizer

### **STANDARD MECHANICAL FEATURE**

- Smart Stop Technology



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### FACTORY OPTIONS

- 18-inch wheels with summer or all-season tires
- Back-up camera with dynamic gridlines (for Display Audio)
- Blind Spot Monitor with Rear Cross Traffic Alert
- Heated steering wheel
- Intuitive Park Assist
- Lane Departure Warning with Smart Beam
- Dynamic Radar Cruise Control with Pre-Collision System
  
- Navigation System
  - Back-up camera with dynamic gridlines
  - Bluetooth® 3.0 hands free phone and automatic phonebook download capabilities
  - HD Radio™ with iTunes tagging (complimentary traffic and weather)
  - Lexus Enform App Suite (subscription free): **Destination Search**, Yelp®, iHeartRadio™, Facebook Places™, Movietickets.com™, OpenTable®, Pandora®, Slacker, Stocks, Fuel Prices, Sports
  - Lexus Enform Destinations: Destination Assist, and eDestination (one-year trial subscription included, requires Lexus Enform Safety Connect)
  - Lexus Insider™
  - MP3/WMA and dual USB/iPod® audio input plugs
  - Navigation System
  - Voice command casual-language Voice Recognition system
  
- Mark Levinson® with Navigation system
  - Mark Levinson® Premium Surround Sound system (15-speakers, advanced discrete amplifier design with 835-watts continuous power at less than 0.1% THD, 7.1-channel speaker architecture) with Clari-Fi technology
  
- Premium Package
  - **Back-up camera with dynamic grid lines**
  - Twin projector LED Headlamps (low & high beam)
  - Heated/ventilated seats
  
- **Premium Plus Package** (requires Blind Spot Monitor with Rear Cross Traffic Alert)
  - Rain-sensing wipers
  - Power tilt/telescoping steering wheel
  
- Luxury Package (**requires Blind Spot Monitor with Rear Cross Traffic Alert**)
  - **Back-up camera with dynamic grid lines**
  - Heated steering wheel
  - Intuitive Parking Assist
  - Leather trimmed interior with contrast stitching
  - Outside rear-view mirror functions (electrochromic, memory, reverse tilt-down)
  - Seat heater/ventilation
  - Twin projector LED Headlamps (low and high beam)
  - Two position memory - Driver's seat, mirrors and steering column
  - Wood trim



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### FACTORY OPTIONS – CONT.

- F SPORT
  - Adaptive Variable Suspension (AVS) with SPORT+ driving mode (IS 350 RWD only)
  - Aluminum sport pedals
  - **Back-up camera with dynamic grid lines**
  - Black headliner
  - F SPORT 10-way driver (includes power lumbar) / eight-way passenger power heated sport seats with contrast stitching
  - F SPORT 18-inch split five-spoke wheels with summer or all-season tires
  - F SPORT badging (side and rear)
  - F SPORT tuned suspension
  - Heated and ventilated seats
  - High-friction( $\mu$ ) brake pads
  - Intake sound generator (not available on IS 200t)
  - LFA inspired TFT instrumentation
  - Perforated leather steering wheel with F SPORT logo and shift knob
  - Silver performance trim
  - Stainless steel scuff plates with Lexus logo
  - Twin projector LED Headlamps (low and high beam)
  - Unique front fascia and grille (F SPORT package deletes foglamps)
  
- Variable Gear Ratio Steering (Requires IS 350 RWD + F SPORT)
  - Power tilt/telescoping steering column
  - Variable Gear Ratio Steering (VGRS)
  
- Lexus Enform Remote - Allows customers to remotely view and control certain aspects of their Lexus vehicle via a mobile application for iOS and Android smartphone users. Lexus Enform Remote application is separate from Lexus Enform App Suite application (not on head unit). Requires Lexus Enform Safety Connect and Lexus Enform Remote subscription (one-year trial subscriptions included); and Navigation. Customers must register for service. Provides: Ability to use with multiple Lexus vehicles; email and push notifications; Guest Driver Monitor; Remote Door Lock/Unlock; Remote Pre-HVAC; Vehicle Finder; Vehicle Status Report; Vehicle Alerts.
  
- **Lexus Enform Service Connect** - Allows customers to remotely view information about certain aspects of their Lexus vehicle via MyLexusandBeyond mobile application for iOS smartphone users or LexusDrivers.com. Lexus Enform Service Connect application is separate from Lexus Enform App Suite application (not on head unit). Requires Lexus Enform Safety Connect and Lexus Enform Service Connect subscription (complimentary one-year trial subscription included). Customers must register for service.
  - Vehicle Health Report - Email and push notifications
  - Maintenance Alerts - Email and push notifications