



## 2012 IS 350 | IS 250 Product Information

Notes: Specifications shown are for all IS sedan models unless otherwise indicated. Items in **bold** are new for 2012.

### EXTERIOR DIMENSIONS

Wheelbase	107.5 in.
Overall Length	180.3 in.
Overall Width	70.9 in.
Overall Height (unloaded)	56.1 in. (IS 250 AWD 56.7 in.)
Tread Width - Front	60.4 in. (all wheels sizes)
- Rear	60.4 in. (17-in. wheels), 60.0 in. (18-in. wheels)

### INTERIOR DIMENSIONS

Seating Capacity	5
Headroom - Front	37.2 in. with moonroof
- Rear	36.7 in. with moonroof
Legroom - Front	43.9 in.
- Rear	30.6 in.
Shoulder Room - Front	54.4 in.
- Rear	52.7 in.
Hip Room - Front	54.1 in.
- Rear	53.7 in.
EPA Passenger Volume	85.7 cu.ft. with moonroof
EPA Cargo Volume	13.0 cu. ft.

### WEIGHTS AND CAPACITIES

Curb Weight - IS 250 M/T	3,455 lbs.
- IS 250 A/T	3,435 lbs.
- IS 250 AWD A/T	3,651 lbs.
- IS 350 A/T	3,527 lbs.
- IS 350 AWD A/T	3,703 lbs.
Weight Dist. - IS 250 M/T	52 front/48 rear
- IS 250 A/T	52 front/48 rear
- IS 250 AWD A/T	54 front/46 rear
- IS 350 A/T	52 front/48 rear
- IS 350 AWD A/T	54 front/46 rear
Fuel Capacity	17.1 gal.



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<b>ENGINE</b>	<b>IS 250</b>	<b>IS 350</b>
Type, Materials	V6 with aluminum block and cylinder heads	V6 with aluminum block and cylinder heads
Designation	4GR-FSE	2GR-FSE
Valvetrain	DOHC 24 valve with dual continuously Variable Valve Timing with intelligence (VVT-i)	DOHC 24 valve with dual continuously Variable Valve Timing with intelligence (VVT-i)
Displacement	2.5 liters (2,499 cc; 152 cu. in.)	3.5 liters (3,456 cc; 210 cu. in.)
Bore x Stroke	3.27 in. x 3.03 in.	3.70 in. x 3.27 in.
Compression Ratio	12.0:1	11.8:1
Horsepower (SAE)	204 hp @ 6,400 rpm	306 @ 6,400 rpm
Torque	185 lb.-ft. @ 4,800 rpm	277 lb.-ft. @ 4,800 rpm
Maximum Engine Speed (redline)	6,600 rpm	6,600 rpm
Fuel System	Stoichiometric direct-to-cylinder injection system	Stoichiometric direct-to-cylinder injection system (plus secondary port injectors)
Fuel Requirement	Premium 91-octane unleaded	Premium 91-octane unleaded
Emission Certification	ULEV II	ULEV II

<b>DRIVETRAIN</b>	<b>IS 250</b>	<b>IS 250</b>	<b>IS 250 AWD</b>	<b>IS 350</b>	<b>IS 350 AWD</b>
Layout	Front engine, rear-wheel drive	Front engine, rear-wheel drive	Front engine, all-wheel drive	Front engine, rear-wheel drive	Front engine, all-wheel drive
Transmission Type	6-speed <u>manual</u>	6-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	6-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	RA62	A960E	A760H	A760E	A760H
Gear Ratios					
1 <sup>st</sup>	3.791	3.538	3.520	3.520	3.520
2 <sup>nd</sup>	2.275	2.060	2.042	2.042	2.042
3 <sup>rd</sup>	1.524	1.404	1.400	1.400	1.400
4 <sup>th</sup>	1.185	1.000	1.000	1.000	1.000
5 <sup>th</sup>	1.000	0.713	0.716	0.716	0.716
6 <sup>th</sup>	0.786	0.582	0.586	0.586	0.586
Rev.	3.466	3.168	3.224	3.224	3.224
Differential Ratio/Type	3.727	3.909	4.100	4.083	4.100



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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 with high-mount upper arms, coil springs, gas-filled shock absorbers, stabilizer bar
Steering	- Type Electric Power Steering (EPS): Vehicle speed-sensing rack and pinion with electric power assist
	- Overall Ratio 13.4:1 (IS 250/350 AWD 14.1:1)
	- Turns (lock to lock) 2.91 (IS 250/350 AWD 2.96)
	- Turning Circle (curb to curb) 33.5 ft. (IS 250/350 AWD 35.5 ft.)
Brakes	- Type Four-wheel power-assisted disc brakes with Anti-lock Braking System (ABS) and Electronic Brake force Distribution (EBD) and Brake Assist (BA)
	- Front 11.65-in. vented disc (IS 350 13.15-in. spiral-vented disc)
	- Rear 11.45-in. solid disc (IS 350 12.2-in. vented disc)
Anti-lock Braking System	4-channel, 4-sensor
Wheel Size/Type	17 x 8 in. split-spoke aluminum alloy
	- Optional 18 x 8 in. front/18 x 8.5 in. rear five-spoke alloy (NA on AWD)
Tire Size/Type	225/45VR17 front/245/45VR17 rear – all-season (IS 250 AWD 225/45VR17 front and rear – all-season)
	- Optional 225/40YR18 front/255/40YR18 rear – summer or all-season (NA on AWD)
Spare Tire and Wheel	Temporary spare
Tire Brands	Michelin, Dunlop, Bridgestone

<b>PERFORMANCE</b>	<b>IS 250</b>	<b>IS 250 AWD</b>	<b>IS 350</b>	<b>IS 350 AWD</b>
0–60 mph Acceleration (mfg. estimates)	7.9 sec.	8.3 sec.	5.6 sec.	5.7 sec.
0–1/4 Mile Acceleration (mfg. estimates)	16.0 sec. (M/T)	16.3 sec.	13.9 sec.	14.1 sec.
	16.0 sec. (A/T)			
Top Track Speed (mfg. estimates)	144 mph (M/T) 140 mph (A/T)	131 mph	144 mph	131 mph
Estimated Fuel Economy* (City/Hwy/Combined)	19/ <b>28</b> /22 (M/T) 21/30/ <b>25</b> (A/T)	20/27/22	<b>19</b> /27/22	<b>18</b> / <b>26</b> / <b>21</b>
Coefficient of Drag (Cd)	0.28	0.28	0.28	0.28

\*2012 EPA MPG estimate. Actual mileage will vary.



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### **STANDARD EXTERIOR FEATURES**

#### **Overall Exterior Styling/Body Design**

- 17-inch wheels
- Color coordinated front airdam with low grille
- Color-keyed outside rearview mirrors
- Dual polished stainless steel exhaust pipes
- Foglamps
- HID headlamps with LED daytime running lights & washers (IS 350 only)
- LED brake, tail and license plate lamps
- Projector bulb headlamps
- Shark fin antenna for SiriusXM Satellite Radio (complimentary 90-day trial subscription)
- Side mirrors with integrated turn signals and puddle lamps
- Stainless steel exhaust tips
- Top shade/tinted glass on front windshield
- Ultraviolet and infrared ray reducing glass on all windows

#### **Body Structure and Paint**

- Anti-chip paint on lower body panels
- Exterior colors (9): Starfire Pearl, Obsidian, Deep Sea Mica, **Fire Agate Pearl**, Tungsten Pearl, **Nebula Gray Pearl**, Matador Red Mica, Cerulean Blue Metallic and for F Sport package models, Ultrasonic Blue Mica
- Flush surface body panel and glass
- Galvanized steel used in all areas of the body except the passenger compartment and the roof
- Narrow and precise body panel gaps
- 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
- Heavy duty rear window defogger with timer
- SmartAccess with push button start
- Variable intermittent wipers with mist cycle



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### **STANDARD INTERIOR FEATURES**

#### **Interior Trim**

- Black Metallic accent trim
- Contrast stitching on door panels, console lid and seats
- Dark Gray Bird's-eye Maple or Espresso Brown Maple accent trim (optional)
- Fabric sun visors and headliner
- Floor mats
- Front (2) and rear (2) articulating assist grips
- Interior colors: Black, Ecru, Light Grey
- Leather trim
- Silver finished trim on steering wheel, tachometer, speedometer and above glove box

#### **Seats**

- Front seatback pockets
- Heated front seats (IS 250/350 AWD only)
- Height adjustable front shoulder belt anchors
- Rear seat pass-through to trunk

#### **Instrumentation and Controls**

- Automatic climate control display: speed and air flow indicators
- 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 AUX/USB jacks in console box
- Door open, TRAC off, high beam, hazard and cruise control indicator lights
- Electronic digital quartz clock, exterior temperature gauge
- Foglamp indicator
- Headlights-on indicator in instrument panel
- Illuminated "TEMP" label on center cluster
- LCD-type electronic digital twin trip meters and odometer display
- Optitron gauges featuring a 160-mph speedometer, 8,000-rpm tachometer, fuel and coolant temp gauges
- Scheduled maintenance indicator light

#### **Convenience Features**

- Articulating assist grips (two front/two rear)
- Bluetooth® wireless phone technology
- Cigarette lighter, front ashtray
- Console mounted dual rear cup holders
- Covered center console storage box
- Cruise control
- Cup holders located behind the shift lever (1) and in the center console (1)
- Door courtesy lights, glove box light and trunk light
- Dust/pollen interior air filter
- Electrochromic rearview mirror with compass (without Navigation)
- First aid kit



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

#### Convenience Features – cont.

- Foldable rear headrests
- Front and rear dome light and individual LED map lights integrated into headliner
- Front center armrest
- HomeLink® programmable garage door opener
- Illuminated fuel filler and trunk releases
- Illuminated outside mirror button controls
- Inside auto-dimming electrochromic rearview mirror with compass
- 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 and fuel-filler door releases
- Retained accessory power for operation of power windows and optional moonroof
- Retractable coat hooks
- Scuff plates with white illumination
- Sound-absorbing sun visors with vanity mirrors
- Speed-sensitive, shift-linked automatic door lock/unlock
- Tool kit

### **STANDARD AUDIO SYSTEM**

#### Lexus Premium Audio system

- 194-watts with 10 high-power amplifiers
- 13 speakers
- AM/FM Electronic Tuned Radio (ETR) six-disc in-dash CD changer
- Digital signal processing with Automatic Sound Levelizer (ASL)
- Electronic crossover network
- Integrated SiriusXM Satellite Radio receiver (complimentary 90-day trial subscription included)
- MP3/WMA and USB/iPod® audio input plugs
- Rear glass-imprinted radio antenna with separate FM diversity antenna
- Streaming audio via Bluetooth®
- Theft-deterrent design



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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)
- Child Restraint Seat (CRS) top tether anchor brackets (adopted to comply with phase-in of the new CRS Anchorage Points Regulation)
- Daytime Running Lights (DRL)
- Driver's and front passenger's airbag Supplemental Restraint System (SRS)
- Front and rear door side impact beams
- Front and rear energy-managing crumple zones
- Front and rear (2) side curtain airbags Supplemental Restraint System (SRS)
- Front seat-mounted side airbag Supplemental Restraint System (SRS)
- Front ventilated and rear solid disc brakes (both front and rear ventilated on IS 350) with tandem brake booster and four-sensor, four-channel Anti-lock Braking System (ABS) with Electronic Brakeforce Distribution (EBD) and Brake Assist (BA)
- Impact absorbing door and body construction
- Three-point belts for all seating positions, including center rear, front and outboard rear with force-limiting pretensioners; height adjustable front shoulder belt anchors
- Tire Pressure Monitor System (TPMS)
- Traction Control (TRAC)
- Vehicle Dynamics Integrated Management (VDIM) with cut-off switch
- Vehicle Stability Control (VSC) 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)
- Safety Connect<sup>®</sup> 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



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### STANDARD MECHANICAL FEATURE

- Smart Stop Technology for automatic and manual transmission models

### FACTORY OPTIONS

- 18-inch five-spoke wheels with summer or all-season tires (RWD models only)
- Headlamp washers (requires HID)
- HID headlamps with LED daytime running lamps (IS 250 only)
- Intuitive Park Assist
- F Sport Package (RWD A/T models)
  - F Sport 18-inch wheels with dark superchrome finish
  - F Sport badging on steering wheel and exterior
  - F Sport front upper and lower grille insert
  - F Sport sport seat with microfiber insert and leather bolsters, ornamentation, steering wheel/shift knob, scuff plate
  - Front lip and rear decklid spoiler
  - Heated front seats
  - Sport-tuned suspension
- Luxury Package (AWD models)
  - Driver's seat memory
  - Heated and ventilated front seats
  - HID headlamps with LED Daytime Running Lights (IS 250 AWD only, standard on IS 350 AWD)
  - Illuminated scuff plates
  - Outside rear-view mirror functions (electrochromic, memory, reverse tilt-down)
  - Perforated semi-aniline leather and wood trim
  - Power rear sunshade
  - Power tilt/telescoping steering wheel with memory
  - Rain-sensing wipers
- Luxury Package (RWD models only)
  - 18-inch split five-spoke wheels with all-season tires
  - Driver's seat memory
  - HID headlamps with LED Daytime Running Lights (IS 250 only, standard on IS 350)
  - Illuminated scuff plates
  - Outside rear-view mirror functions (electrochromic, memory, reverse tilt-down)
  - Power rear sunshade
  - Power tilt/telescoping steering wheel with memory
  - Premium Package features
  - Rain-sensing wipers
- Mark Levinson® with Navigation
  - Mark Levinson® Premium Surround Sound system (14-speakers, advanced discrete amplifier design with 300-watts continuous power at less than 0.1% THD, 7.1-channel speaker architecture)
  - HDD Navigation System





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### **FACTORY OPTIONS – CONT.**

- Navigation System
  - Bluetooth® hands free phone and phonebook download capabilities
  - HDD Navigation System
  - Lexus Enform® with Safety Connect®: Automatic Collision Notification, Stolen Vehicle Location, Emergency Assist Button (SOS), Enhanced Roadside Assistance, Destination Assist, and eDestination (complimentary one-year trial subscription)
  - Lexus Insider™
  - NavTraffic, NavWeather, Sports, and Stocks (complimentary 90-day trial subscription)
  - Rear back-up camera
  - Voice command casual-language voice recognition system
- Premium Plus Package
  - Heated/ventilated seats
  - Perforated leather trim
  - Wood interior trim

### **F SPORT PERFORMANCE ACCESSORIES**

- 18-inch forged wheels (set of four), with hardware (AWD model only)
- 19-inch forged wheels (set of four), with hardware (RWD models only)
- Brake upgrades
  - Front axle set
  - Rear axle set
- Carbon fiber engine cover
- Carbon fiber leather shift knob
- Floor mats (four-piece set)
- Lowering spring set
- Performance air intake
- Performance clutch set (IS 250 manual transmission only)
- Performance dual exhaust
- Quick shifter kit (IS 250 manual transmission only)
- Shock set (set of four)
- Sway bar set