



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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ENGINE	IS 250	IS 350
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

DRIVETRAIN	IS 250	IS 250	IS 250 AWD	IS 350	IS 350 AWD
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 st	3.791	3.538	3.520	3.520	3.520
2 nd	2.275	2.060	2.042	2.042	2.042
3 rd	1.524	1.404	1.400	1.400	1.400
4 th	1.185	1.000	1.000	1.000	1.000
5 th	1.000	0.713	0.716	0.716	0.716
6 th	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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CHASSIS AND BODY	
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

PERFORMANCE	IS 250	IS 250 AWD	IS 350	IS 350 AWD
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/ 28 /22 (M/T) 21/30/ 25 (A/T)	20/27/22	19 /27/22	18 / 26 / 21
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[®] 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