



## 2006 IS 350/250 Product Information

Note: Specifications shown are for all IS models except as noted.

<b>EXTERIOR DIMENSIONS</b>	
Wheelbase	107.5 in.
Overall Length	180.1 in.
Overall Width	70.9 in.
Overall Height (unloaded)	56.1 in. (AWD 56.7 in.)
Tread Width - Front	60.4 in. (all wheels sizes)
- Rear	60.4 in. (17" wheels), 60.0 in. (18" wheels)

<b>INTERIOR DIMENSIONS</b>	
Seating Capacity	5
Headroom - Front	39.0 in. (37.2 in. with moonroof)
- Rear	36.9 in. (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	88.3 cu. ft. (85.7 w/moonroof)
EPA Cargo Volume	13.0 cu. ft.

<b>WEIGHTS AND CAPACITIES</b>	
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.
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
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	←
Designation	4GR-FSE	2GR-FSE
Valvetrain	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	←
Fuel System	Stoichiometric direct-to-cylinder injection system	← (plus secondary port injectors)
Fuel Requirement	Premium 91 octane unleaded	←
Emission Certification	ULEV II	ULEV II

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



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<b>CHASSIS AND BODY</b>	
Body/Frame	Unitized steel body/frame structure
Suspension	<ul style="list-style-type: none"> <li>- Front: Double wishbones with high-mount upper arms, coil springs, gas-filled shock absorbers, stabilizer bar</li> <li>- Rear: Multilink with high-mount upper arms, coil springs, gas-filled shock absorbers, stabilizer bar</li> </ul>
Steering	<ul style="list-style-type: none"> <li>- Type: Electric Power Steering (EPS): Vehicle speed-sensing rack and pinion with electric power assist</li> <li>- Overall Ratio: 13.4:1 (IS 250 AWD 14.1:1)</li> <li>- Turns (lock to lock): 2.91 (IS 250 AWD 2.96)</li> <li>- Turning Circle (curb to curb): 33.5 ft. (IS 250 AWD 35.5 ft.)</li> </ul>
Brakes	<ul style="list-style-type: none"> <li>- Type: Four-wheel power-assisted disc brakes with Anti-lock Braking System (ABS) and Electronic Brake force Distribution (EBD) and Brake Assist</li> <li>- Front: 11.65-in. vented disc (IS 350 13.15-in. spiral-vented disc)</li> <li>- Rear: 11.45-in. solid disc (IS 350 12.2-in. vented disc)</li> </ul>
Anti-lock Braking System	4 channel, 4 sensor
Wheel Size/Type	17 x 8 in. 10-spoke aluminum alloy
- Optional	18 x 8 in. front/18 x 8.5 in. split five-spoke aluminum alloy (except 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 (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>
0–60 mph Acceleration (mfg. estimates)	7.9 sec.	8.3 sec.	5.6 sec.
0–1/4 Mile Acceleration (mfg. estimates)	16.0 sec.	16.0 sec.	14.2 sec.
Top Track Speed (mfg. estimates)	142 mph (M/T) 140 mph (A/T)	130 mph	142 mph
EPA Est. Fuel Consumption – City/Hwy	20/29 (M/T) 24/32 (A/T)	22/28	21/28
Coefficient of Drag (C <sub>d</sub> )	0.28	←	←



## EXTERIOR FEATURES

### Overall Exterior Styling/Body Design

- Standard 17" 10-spoke aluminum wheels
- Optional 18" split five-spoke aluminum wheels
- Color coordinated front airdam with low grille
- Foglamps
- Projector bulb headlamps
- Optional High-Intensity Discharge (HID) headlamps with Adaptive Front lighting System (AFS)
- LED brake, tail and license plate lamps
- Color-keyed outside rearview mirrors
- Puddle lamps (mounted on underside of outer mirrors)
- Dual polished stainless steel exhaust pipes
- Top shade/tinted glass on front windshield
- Ultraviolet and infrared ray reducing glass on all windows
- Optional body kit and rear spoiler

### Body Structure and Paint

- Exterior colors: Crystal White, Glacier Frost, Tungsten Pearl, Smokey Granite Mica, Black Onyx, Matador Red Mica, Mystic Gold Metallic, Desert Sage Metallic, Blue Onyx Pearl, Breakwater Blue Metallic
- Flush surface body panel and glass
- Use of sound dampening asphalt sheets in roof and floor pan
- Narrow and precise body panel gaps
- 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
- Anti-chip paint on lower body panels
- Stainless steel exhaust system
- PVC sealer and undercoating
- Cathodic Electro-Deposition treatment

### Convenience Features

- Optional auto-dimming electrochromic outside rearview mirrors
- Heated outside rearview mirrors
- Heavy duty rear window defogger with timer
- Variable intermittent wipers with mist cycle
- Fuel cap hanger



## 2006 IS 350/250 Product Information

### INTERIOR FEATURES

#### Interior Trim

- Interior colors: Black, Cashmere, Sterling
- Standard black cloth
- Metallic accent trim
- Auburn Bird's-eye Maple accent trim (optional)
- Fabric sun visors and headliner
- One-piece cut pile carpeting
- Floor mats
- Two front and two rear articulating assist grips
- Optional leather or perforated leather seat trim
- Optional stainless steel scuff plates or "Lexus" illuminated stainless steel scuff plates
- Optional brushed aluminum sports pedals

#### Seats

- Optional driver's and front passenger's seat three-position memory
- Height adjustable front shoulder belt anchors
- Front seatback pockets
- Rear seat pass-through to trunk
- Optional 10-way power adjustable driver's and front passenger's seat (power fore/aft slide, recline, front and rear vertical cushion height and two-way power lumbar) with two-way manual headrest adjustment
- Optional leather-trimmed seats (part of package)
- Optional perforated leather-trimmed heated/ventilated seats (part of package)

#### Instrumentation and Controls

- Optitron gauges featuring a 160-mph speedometer, 8,000-rpm tachometer, fuel and coolant temperature gauges
- Battery, oil level, seat belt, brake, airbag SRS, side airbags SRS, engine, oil pressure, low fuel and tire slippage (with TRAC) warning lights
- Door open, TRAC off, high beam, hazard and cruise control indicator lights
- Scheduled maintenance indicator light
- Electronic digital quartz clock, exterior temperature gauge
- LCD-type electronic digital twin trip meters and odometer display
- Headlights-on indicator in instrument panel
- Automatic climate control display: speed and air flow indicators

#### Convenience Features

- Manual tilt and telescoping adjustable steering wheel
- Optional power tilt and telescoping adjustable steering wheel with memory
- Front center armrest
- Dust/pollen interior air filter



## 2006 IS 350/250 Product Information

### INTERIOR FEATURES – CONT.

#### Convenience Features – cont.

- Power windows with auto up/down with jam protection
- Optional power moonroof with tilt-and-slide functions and jam protection
- Power door locks with anti lock-out
- Speed-sensitive, shift-linked automatic door lock/unlock
- Retained accessory power for operation of power windows and optional moonroof
- Optional Lexus Navigation with touch screen
- Inside auto-dimming electrochromic rearview mirror with compass
- Cruise control with available dynamic radar control
- HomeLink® programmable garage door opener
- Remote trunk lid and fuel-filler door releases
- Sun visors with vanity mirrors
- Door courtesy lights, glovebox light and trunk light
- Front and rear dome light and individual LED map lights integrated into headliner
- One front cupholder located behind the shift lever and one cupholder in the center console
- Console mounted dual rear cupholders
- Covered center console storage box
- Cigarette lighter, front ashtray
- Articulating assist grips (two front/two rear)
- Retractable coat hooks
- First aid kit
- Tool kit
- Lexus Personalized Settings (LPS) to allow certain electronic settings to be tailored to owner preference (programmable by Lexus dealers)

### AUDIO SYSTEMS

#### Lexus Premium Audio system (standard)

- AM/FM ETR and 6-disc in-dash CD changer
- 13 speakers
- Output of 194 watts with 10 high-power amplifier
- Digital signal processing with Automatic Sound Levelizer (ASL)
- Electronic crossover network
- Rear glass-imprinted radio antenna with separate FM diversity antenna
- Theft-deterrent design
- N/A

#### Mark Levinson® Audio System (optional)

- AM/FM ETR with 6-disc in-dash DVD changer
- 14 speakers
- Advanced discrete amplifier design with 300 watts continuous power at 0.1% THD
- ←
- ←
- ←
- ←
- 7.1-channel speaker architecture



**SAFETY AND SECURITY**

**Safety**

- Daytime Running Lights (DRL)
- Impact absorbing door and body construction
- Driver's and front passenger's airbag Supplemental Restraint System (SRS)
- Front and rear side curtain airbags Supplemental Restraint System (SRS)
- Front seat-mounted side airbag Supplemental Restraint System (SRS)
- Three-point belts for all seating positions, including center rear, front and outboard rear with force-limiting pretensioners; height adjustable front shoulder belt anchors
- Automatic Locking Retractor (ALR) and Emergency Locking Retractor (ELR) function for all positions except driver (driver's only equipped with ELR)
- 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)
- Traction Control (TRAC)
- Vehicle Stability Control (VSC): standard on IS 250
- Vehicle Dynamics Integrated Management (VDIM): standard on IS 350
- Front and rear door side impact beams
- Front and rear energy-managing crumple zones
- Collapsible steering column
- Impact-dissipating soft upper headliner and pillars
- Child Restraint Seat (CRS) top tether anchor brackets (adopted to comply with phase-in of the new CRS Anchorage Points Regulation)

**Security**

- Vehicle theft-deterrent system with engine immobilizer
- Remote-activated, SmartAccess-linked illuminated entry (dome-light ring illuminates when doors are unlocked, remains illuminated for 15 seconds or until door is opened)
- Headlight-off delay feature (after locking vehicle, headlights remain illuminated for approximately 30 seconds before automatically shutting off)
- Multifunction in-key remote
- Entry system with lock, two-stage unlock, trunk open and "panic" features, volume-adjustable confirmation tone and rolling code technology



## 2006 IS 350/250 Product Information

### OPTIONS

#### Premium Package (RWD only)

- Leather trim
- 10-way power seats
- Rear armrest storage

#### Premium Plus Package

- Perforated leather trim
- Heated/ventilated seats
- 10-way power seats
- Rear armrest storage
- Wood interior trim

#### Performance Luxury Plus Package (RWD only)

- Perforated leather trim
- Heated/ventilated seats
- 10-way power seats
- Rear armrest storage
- Mirror functions (electrochromic, memory, reverse tilt-down)
- 18" wheels
- Sport suspension
- Sport pedals
- Metal scuff plates
- Driver's and front passenger's seat memory
- HID/AFS headlamps
- Rain-sensing wipers
- Power tilt/telescoping steering wheel with memory

#### Premium Luxury Plus Package

- Perforated leather trim
- Heated/ventilated seats
- 10-way power seats
- Rear armrest storage
- Mirror functions (electrochromic, memory, reverse tilt-down)
- 17" or 18" wheels
- Illuminated metal scuff plates
- Wood interior trim
- Power rear sunshade
- Driver's and front passenger's seat memory
- HID/AFS headlamps
- Rain-sensing wipers
- Power tilt/telescoping steering wheel with memory





## 2006 IS 350/250 Product Information

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### **OPTIONS – CONT.**

#### **Mark Levinson® Audio System with Navigation**

- Mark Levinson® Premium Surround System
- Navigation System (voice activation, rear back-up camera, Bluetooth®)

#### **Navigation System**

- Voice activation
- Rear back-up camera
- Bluetooth®

#### **Park Assist**

#### **Pre-Collision System (PCS) with Dynamic Radar Cruise Control (A/T only)**

#### **Headlamp Washers (requires HID/AFS)**

#### **One-Touch Open/Close Moonroof with Rotary-Dial Switch**

#### **18" Wheels with Summer Tires (RWD only)**

### **ACCESSORY OPTIONS**

#### **High-performance Exhaust System**

#### **18" Wheel Designs (2 Different Styles)**

#### **Body Kit**

#### **Rear Spoiler**