



## 2022 IS Specifications

Note: All specs are for both all-wheel drive (AWD) and rear-wheel drive (RWD) unless otherwise noted.

EXTERIOR DIMENSIONS		
Wheelbase		110.2 in.
Overall Length		185.4 in.
		187.3 in. (IS 500)
Overall Width		72.4 in. (mirrors folded)
Overall Height (unloaded)		56.5 in. (RWD) / 56.69 in. (AWD)
Track Width	Front	62.2 in.
	Rear	63.2 in. (62 in. and 63.2 in.)
		62 in. (IS 500)
Ground Clearance		5.51 in.

INTERIOR DIMENSIONS		
Seating Capacity		5
Headroom	Front	38.2 in.
	Rear	36.9 in.
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.
SAE Trunk Space		10.8 cu. ft.

WEIGHTS AND CAPACITIES		
Curb Weight/GVWR	IS 300 RWD	3,715/4,690 lbs.
	IS 300 AWD	3,847/4,805 lbs.
	IS 350 RWD	3,748/4,700 lbs.
	IS 350 AWD	3,880/4,820 lbs.
	IS 500	3,891/4,817 lbs.
Weight Distribution (F/R)	IS 300/350 RWD	54/46 %
	IS 300/350 AWD	55/45 %
	IS 500	56/44 %
Fuel Capacity		17.4 gal.



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ENGINE	IS 300	IS 300 AWD	IS 350 RWD/AWD	IS 500
Type, Materials	In-line 4-cylinder aluminum block and cylinder heads	V6, aluminum block and cylinder heads	V6, aluminum block and cylinder heads	V8, aluminum block and cylinder heads
Designation	8AR-FTS	2GR-FKS	2GR-FKS	2UR-GSE
Valvetrain	DOHC 16-valve with Dual VVT-iW	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)	DOHC 32 valve with dual VVT-iE
Displacement	2.0-liter twin-scroll turbocharged with intercooler (1,998 cc)	3.5 liter (3,456 cc)	3.5 liter (3,456 cc)	5.0 liter (5,969 cc)
Bore x Stroke	3.39 in x 3.39 in	3.70 in. x 3.27 in.	3.70 in. x 3.27 in.	3.70 in. x 3.52 in.
Compression Ratio	10.0:1	11.8:1	11.8:1	12.3:1
Horsepower (SAE)	241 hp @ 5,200-5,800 rpm	260 hp @ 6,600 rpm	311 hp @ 6,600 rpm	472 hp @ 7,100 rpm
Torque	258 lb.-ft. @ 1,650-4,400 rpm	236 lb.-ft. @ 2,000-4,800 rpm	280 lb.-ft. @ 4,800 rpm	395 lb.-ft. @ 4,800-4,800 rpm
Fuel System	Electronic Fuel Injection (EFI, D-4ST)	Electronic Fuel Injection (EFI, D-4ST)	Electronic Fuel Injection (EFI, D-4ST)	Electronic Fuel Injection (EFI, D-4S)
Fuel Requirement	Premium 91-octane unleaded	Premium 91-octane unleaded	Premium 91-octane unleaded	Premium 91-octane unleaded
Emission Certification	LEV III ULEV	LEV III ULEV	LEV III ULEV	LEV III ULEV

DRIVETRAIN	IS 300 RWD	IS 300 AWD	IS 350 RWD	IS 350 AWD	IS 500
Layout	Front engine, rear-wheel drive	Front engine, all-wheel drive	Front engine, rear-wheel drive	Front engine, all-wheel drive	Front engine, rear-wheel drive
Transmission Type	8-speed automatic with paddle shifters	6-speed automatic with paddle shifters	8-speed automatic with paddle shifters	6-speed automatic with paddle shifters	8-speed automatic with paddle shifters
Designation	AA81E	A760H	AA81E	A760H	AA80E
<b>Gear Ratios</b>					
1 <sup>st</sup>	4.596	3.520	4.596	3.520	4.596
2 <sup>nd</sup>	2.724	2.042	2.724	2.042	2.724
3 <sup>rd</sup>	1.863	1.400	1.863	1.400	1.863
4 <sup>th</sup>	1.464	1.000	1.464	1.000	1.464
5 <sup>th</sup>	1.231	0.713	1.231	0.713	1.231
6 <sup>th</sup>	1.000	0.582	1.000	0.582	1.000
7 <sup>th</sup>	0.824	-	0.824	-	0.824



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8 <sup>th</sup>	0.685	-	0.685	-	0.685
Reverse	4.056	3.168	4.056	3.168	2.176
Differential Ratio	3.133	3.769	3.133	3.769	3.133

CHASSIS AND BODY		
Body/Frame		Unitized steel body structure
Suspension	Front	Double wishbone type with high-mount upper arms, coil springs, gas-filled shock absorbers and stabilizer bar
	Rear	Multi-link with coil springs, gas-filled shock absorbers and stabilizer bar
Steering - Type		Rack and Pinion with EPS
Turns (lock to lock)		RWD 2.84 AWD 2.75
Turning Circle (curb to curb)		RWD 34.2 ft. AWD 35.4
Brakes	Type	Four-wheel power-assisted disc brakes integrated with Vehicle Dynamic Integrated Management system (VDIM)
	Front	13.2 in. ventilated
	Rear	14.0 in. ventilated (IS 500)
		11.7 in. ventilated 12.7 in. ventilated (IS 500)
Anti-lock Braking System		4 channel, 4 sensor
Standard Wheel Size		18 x 8.5J in. (300)
Optional		F: 19 x 8.5J in., R: 19 x 9.5J (IS 350)
		F: 19 x 8.5J in., R: 19 x 9.5J (IS 500)
		F: 19 x 8.5J in., R: 19 x 9.5J (IS 350)
Standard Tire Size		235/45R18 (IS 300 Summer/All-Season) Fr: 235/40R19, R: 265/35R19 (IS 350 Summer)
Optional		Fr: 235/40R19, R: 265/35R19 (IS 500 Summer)
		235/40R19 (IS 300 Summer/All-Season)
		Fr: 235/40R19, R: 265/35R19 (IS 350 AWD All-Season)
Spare Tire/Wheel		Temporary



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PERFORMANCE	IS 300	IS 300 AWD	IS 350	IS 350 AWD	IS 500
0-60 mph Acceleration (mfg. results)	6.9	6.1	5.6	5.7	4.4 (AMCI results)
Top Track Speed	143 mph	143 mph	143 mph	143 mph	149 mph
Lexus Estimated Fuel Economy* (City/Hwy/Combined)	21/31/21 MPG	19/26/22 MPG	20/28/23 MPG	19/26/22 MPG	17/25/20 MPG
Coefficient of Drag (Cd)	.028	.029	.028	.029	.030

\*EPA-estimated MPG. Use for comparison purposes only. Your mileage will vary for many reasons, including your vehicle's condition and how/where you drive. See [www.fueleconomy.gov](http://www.fueleconomy.gov).



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### STANDARD EXTERIOR FEATURES

- 18-inch wheels
- LED headlamps, taillamps, and daytime running lights
- Side mirrors with integrated turn signals and puddle lamps
- SmartAccess with push-button Start/Stop
- Rain-sensing windshield wipers (350 models)
- Auto-dimming (driver side only) heated outside mirrors
- Backup camera with dynamic grid lines
- Shark fin antenna
- Exterior colors: Iridium\*, Cloudburst Gray\*, Matador Red Mica, Grecian Water, Ultra White\*, Eminent White Pearl\*, Atomic Silver and Caviar

\*Available for an additional \$500 charge

#### F SPORT Grade Exterior Features

- F SPORT exterior styling including unique front and rear bumpers, grille surround, rear spoiler and exhaust tips
- F SPORT 19-inch wheel staggered-width alloy wheels with summer (RWD) or all-season (AWD) tires
- F SPORT suspension tuning
- Exterior Colors: Ultrasonic Blue Mica 2.0\*\*, Infrared\*\*, Ultra White\*

\*Available for an additional \$500 charge

\*\*Available for an additional \$595 charge

#### IS 500 F SPORT Performance Grade Exterior Features

- F SPORT exterior styling including unique front and rear bumpers, grille surround, rear diffuser accent, and rear spoiler
- Raised front hood
- RC F-inspired quad exhaust system
- Dark Chrome window trim
- Unique F SPORT Performance black badging
- F SPORT suspension tuning
- Premium Triple Beam LED Headlamps (500 Premium)
- Power tilt/slide moonroof (500 Base)
- Exclusive Enkei 19-inch split-10-spoke alloy wheels with summer tires (500 Base)
- Exterior Colors: Ultrasonic Blue Mica 2.0\*\*, Infrared\*\*, Ultra White\*, Incognito

\*Available for an additional \$500 charge

\*\*Available for an additional \$595 charge

IS 500 F SPORT Performance Launch Edition Grade Exterior Features (in addition or in place of standard F SPORT Performance features)



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- BBS 19-inch split-seven-spoke forged alloy Matte Black wheels
- Exclusive Incognito exterior color

### **STANDARD INTERIOR FEATURES**

- Driver Selectable Drive Modes (Eco, Normal, Sport)
- Paddle shifters for eight-speed transmission (six-speed for AWD)
- Perforated Nuluxe® interior trim: Available in Black, Rioja Red and Glazed Caramel
- Dual-zone automatic climate control
- Heated front seats (AWD only)
- Analog clock, exterior temperature gauge
- 1 DC outlet, 1 AUX and 2 USB jacks in console box
- Deodorizing + pollen removal clean air filter
- Electrochromic rearview mirror with compass (without Navigation) (350 models)
- First aid kit
- HomeLink® programmable garage door opener (350 models)
- Lexus Personalized Settings (LPS) to allow certain electronic settings to be tailored to owner preference (programmable by Lexus dealers)

### F SPORT Grade Interior Features (in addition or in place of standard features)

- F SPORT heated and leather-trimmed steering wheel
- LFA-inspired 8-inch TFT instrumentation with sliding bezel
- F SPORT bolstered heated and ventilated front seats
- 10-way power-adjustable driver's seat including lumbar support
- 4-way adjustable headrests
- Black geometric interior trim with embossed door trim
- Perforated Nuluxe® interior trim: Black, Circuit Red, White (F SPORT Dynamic Handling Package available with Black or Circuit Red)

### IS 500 F SPORT Performance Grade Interior Features (in addition or in place of standard F SPORT features)

- Heated and leather-trimmed steering wheel with black F SPORT Performance logo
- Door sill scuff plates with Black F SPORT Performance logo
- Unique F SPORT Performance startup animation
- Panoramic View Monitor (500 Premium)
- Power Rear Sunshade (500 Premium)
- Memory Package (500 Base)
- Intuitive Parking Assist (500 Base)

### IS 500 F SPORT Performance Launch Edition Grade Interior Features (in addition or in place of standard F SPORT Performance features)

- Heated and leather-trimmed steering wheel with Ash Wood F SPORT Performance logo
- Unique F SPORT Performance Launch Edition startup animation
- Black and Gray Ultrasuede-trimmed front and rear seats, door accents, and center console



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- Exclusive serialized Launch Edition badge

### STANDARD MULTIMEDIA SYSTEM

- Multimedia System with 8-inch color display touchscreen
- Apple CarPlay integration
- Android Auto
- Alexa+Lexus compatibility
- Remote Touch Interface (RTI) pad with back button
- 4.2-inch MID screen
- 10-speaker Pioneer audio system
- USB audio input connections
- Backup monitor
- Bluetooth® hands free phone and automatic phonebook download capabilities
- Bluetooth® streaming audio
- CD player
- HD Radio™
- SiriusXM 3-Month Platinum Plan Trial Subscription

### IS 500 F SPORT Performance Grade Multimedia Features (500 Premium)

- Mark Levinson Premium Audio Package
  - Mark Levinson 17-speaker, 1800-watt Premium Surround Sound Audio System
  - Machined aluminum control knobs
- Navigation Package
  - 10.3-inch high resolution multimedia touchscreen
  - Lexus Enform Destination Assist (included for first 3 yrs. of ownership)
  - Dynamic voice command
  - Lexus Enform Dynamic Navigation (included for first 3 yrs. of ownership)

### CONNECTED SERVICES

- Lexus Enform Safety Connect (with a 3-year trial) includes an Emergency Assistance Button (SOS), Roadside Assistance, Automatic Collision Notification, and Stolen Vehicle Notification. The Lexus Enform response center operates 24/7/365
- Lexus Enform Service Connect (complimentary 10-year subscription included), enables the IS to send vehicle alerts and factory recommended maintenance alerts, simultaneously alerting a preferred Lexus retailer if opted-in
- Lexus Enform Wi-Fi, 4GB/three-month trial is included
- Lexus Enform Remote with Amazon Alexa and Google Assistant compatibility, included for the first three years of ownership
- Lexus mobile app services (Lexus Enform Remote, Lexus Drivers and more)

With Navigation Package:

- Lexus Enform Dynamic Navigation included for the first three years of ownership
- Lexus Enform Destination Assist. included for the first three years of ownership



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- Dynamic Voice Command included for the first 10 years of ownership

### STANDARD SAFETY SYSTEM

- Standard Lexus Safety System+ 2.5
  - Pre-Collision System with Pedestrian Detection
    - Low Light Pedestrian Detection
    - Daytime Bicyclist Detection
    - Left Turn Intersection Support
  - Lane Departure Alert with Steering Assist
  - Road Sign Assist
  - Enhanced Lane Tracing Assist (LTA)
  - All-Speed Dynamic Radar Cruise Control (DRCC)
  - Intelligent High Beam
- Vehicle Dynamics Integrated Management (VDIM)
- Location specific Tire Pressure Monitor System (TPMS)
- Blind Spot Monitor (BSM) with Rear Cross Traffic Alert (RCTA)

### FACTORY OPTIONS

- Premium Triple Beam LED Headlamps
- Power tilt and slide moonroof
- Power rear sunshade (350 models)
- Intuitive Parking Assist with Auto Braking
- Intuitive Parking Assist with Auto Braking, and Panoramic View Monitor
- Mark Levinson 17-speaker, 1,800-watt Premium Surround Sound Audio System

### Factory Option Packages

- Comfort Package (300 Models)
  - Heated and ventilated front seats
  - Heated leather trim steering wheel
  - Power tilt-and-slide moonroof
  - Rain-sensing intermittent windshield wipers
  - Auto-dimming rearview mirror with Homelink system
- Premium Package (300 Models)
  - Heated and ventilated front seats
  - Heated leather-trim steering wheel
  - Power tilt-and-slide moonroof
  - Rain-sensing intermittent windshield wipers
  - Auto-dimming rearview mirror with Homelink system
  - Power tilt-and-telescoping steering wheel
  - Auto-dimming outside mirrors with auto tilt-down in reverse
  - Lexus Memory System for driver's seat, outside mirrors and steering wheel
  - 19-inch alloy wheels with 235/40 summer or all-season tires
  - Front door scuff plates





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- Rear armrest with cupholders
- Wood trim
- Power rear sunshade
  
- Memory Package (350 Models)
  - Power tilt-and-telescoping steering wheel
  - Outside mirrors with auto tilt-down in reverse
  - Lexus Memory System for driver's seat, outside mirrors and steering wheel
  
- Navigation Package
  - 10.3-inch high resolution multimedia touchscreen
  - Lexus Enform Destination Assist (included for first 3 yrs. of ownership)
  - Dynamic voice command
  - Lexus Enform Dynamic Navigation (included for first 3 yrs. of ownership)
  
- Mark Levinson Premium Audio Package (includes Navigation)
  - Mark Levinson 17-speaker, 1800-watt Premium Surround Sound Audio System
  - Machined aluminum control knobs
  
- F SPORT Dynamic Handling Package (includes IS 350 F SPORT features, plus:)
  - Adaptive Variable Suspension (AVS)
  - Torsen limited slip differential (LSD) - RWD Only
  - Drive Mode Select with Sport S, Sport S+ and Custom modes
  - 19-inch lightweight forged staggered alloy matte black BBS wheels finished in matte black with summer (RWD) or all-season (AWD) tires
  - Carbon fiber rear spoiler
  - F Sport heated Ash wood-trim steering wheel
  - Ash interior trim
  - Smart Access card key