

09 IS F
LEXUS



WHAT IS ?

The Lexus IS F was designed by a small team of hand-chosen engineers working outside the normal corporate structure. They dedicated themselves to make no compromises, to spare nothing in the way of fresh ideas and engineering innovations, in their pursuit of power, control and responsiveness. They tested, tuned and refined the IS F on the world's most challenging racetracks, creating the fastest production vehicle Lexus has ever built. The result is a vehicle you won't believe until you drive it. And perhaps not even then.



IS TURNING THE WORLD
INTO YOUR RACETRACK





416_{HP}

371 LB-FT TORQUE

RUNNING AT REDLINE

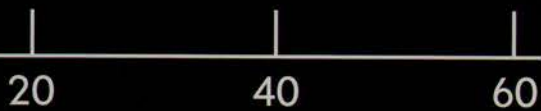
Engineered for high performance, the IS F's 5.0-liter V8 explodes to its redline. Sustained high performance requires racing-derived engine oil and transmission fluid cooling systems, plus a cylinder head scavenge oil pump to ensure continuous oil supply during high-G cornering. High-flow cylinder heads designed by Yamaha employ lightweight titanium intake valves and friction-reducing roller rockers to minimize valvetrain inertia and enable high-speed, high-lift operation. The dual air-intake system inhales through one inlet for lower engine speeds (up to 3600 rpm), then opens a secondary inlet to allow the deep breathing required to maximize power, while at the same time creating an intoxicating roar. Please prepare for some deep breathing of your own.





0-60 IN 4.6 SECONDS^{1,2}

TOP TRACK SPEED: **170 MPH**^{1,2}





POWER LAUNCH

Among the purest measures of high performance driving are 0-60 acceleration,^{1,2} quarter mile time, and top speed. On all counts the IS F rewards the driver, reaching 60 MPH in an impressive 4.6 seconds and the quarter mile in 13.0 seconds, before rocketing on to a top track speed of 170 MPH.^{1,2} Soul-stirring to be sure, but no surprise when you consider the technological audacity of this exceptional sport sedan, which inspired its engineers to rethink everything. You'll be so glad they did.



Vehicle shown with optional equipment





8-SPEED

SPORT DIRECT-SHIFT



PARADIGM-SHIFTING SHIFTING

The IS F's 8-Speed Sport Direct-Shift Transmission was uniquely engineered to complement the engine's power output characteristics, while offering the driver a choice between automatic or manual gear change. With Manual mode engaged, the torque converter is locked between 2nd and 8th gears, enabling direct gear change via steering-wheel-mounted paddle shifters. In this mode, the transmission mimics the behavior of a traditional manual, holding each gear until the driver chooses to shift. Driver-induced upshifts are snapped off as quickly as 0.1 seconds, among the fastest in the world, while downshifts are accompanied by engine-speed-matching throttle blips in as little as 0.2 seconds. Don't blink!





OUTSIDE
57°F

3866

CLIMATE

AUDIO



AUTO

OFF

FRONT

REAR

AUTO

PASSENGER

MAP
VOICE

DEST

MENU

SECURITY

PASSENGER
TEMP

TUNE-FILE

LEXUS

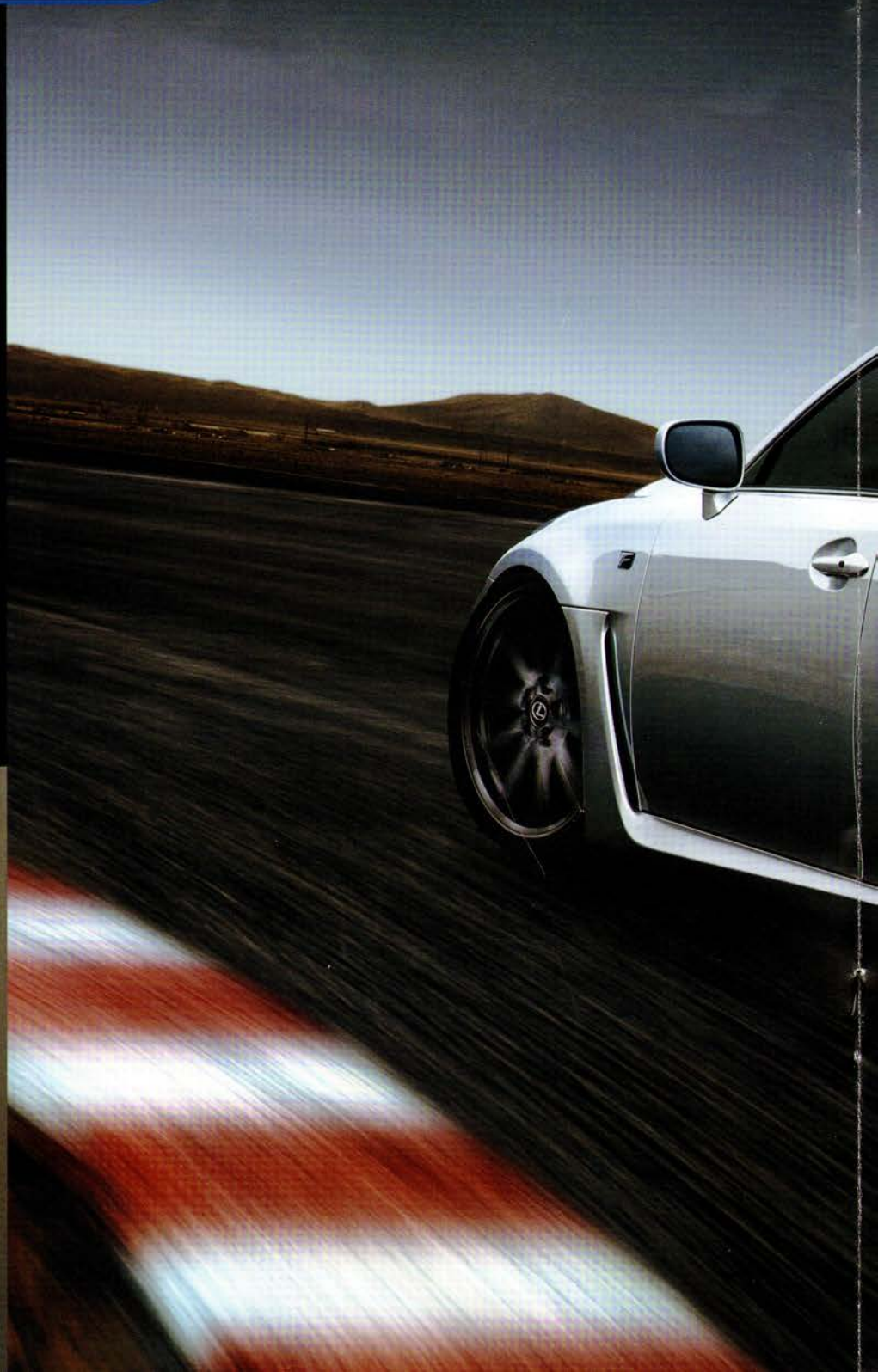
marklin
Evanson

LOAD

BREMBO BRAKES +
6 PISTON
FRONT CALIPERS

**THE POWER TO HELP
STOP WHATEVER
YOU START**

To meet the rigorous demands of both high performance and day-to-day driving, Lexus selected Brembo to build the brake system for the IS F. On the street the brakes offer superb feel and control; on the track they help to provide enormous stopping power. In neither place do they compromise. Up front they feature massive but lightweight 6-piston aluminum calipers that grip huge 14.2-inch drilled rotors. In back they include 2-piston calipers with 13.6-inch drilled rotors. High friction brake pads are fitted all around⁴. With their large size and ample cooling characteristics, they resist fading under the most trying conditions. However you go, they're the way to stop.







SPORT **VDIM** : HANDLING TO THE LIMIT



PURE PERFORMANCE

An aggressively-tuned suspension and 19-inch forged aluminum wheels⁶ built to Lexus specs by renowned wheel maker BBS contribute to the IS F's high speed performance capabilities. The IS F also benefits from a specially engineered version of Lexus' sophisticated stability control system – Vehicle Dynamics Integrated Management⁷ – that includes a *Sport* mode designed specifically for the high intensity experienced driver. It integrates engine output, stability and traction control, braking, and steering assist in a performance-oriented configuration that lets you enjoy a higher threshold of the IS F's native dynamic range. In other words, you're able to take challenging corners with higher confidence thanks to a system that's been tuned to your driving style. *Normal* mode provides comprehensive traction and stability control, while *VSC Off* mode lets the very experienced, high intensity driver explore the full handling potential of the IS F without interference. In any mode, the IS F is built to deliver a commanding performance.

SPORT SEATING FOR 4

BEAUTY WITHIN A BEAST

In addition to typical Lexus safety and convenience features, the interior of the IS F offers a distinctly performance-oriented feel and functionality. Leather trimmed seating – in terra cotta with black interior, all-black, or black with white seating surfaces – is designed to help secure the driver and three passengers during high-G cornering, and provide firm, bolstered support at all times. Heated front seats feature 10-way power controls and 3-position memory. Center console and armrest switch plates are trimmed in a sophisticated hand-finished aluminized composite. And the optional Mark Levinson^{®8} Surround Sound 300-watt audio system⁹ powers 14 speakers, turning cabin into concert hall. There's so much to enjoy inside the IS F, you'll find very few reasons to be anywhere else.



Vehicle shown with optional equipment



BLACK LEATHER-TRIMMED INTERIOR
Black with contrasting blue stitching



ALPINE LEATHER-TRIMMED INTERIOR
Black with white seating surfaces and contrasting stitching



TERRA COTTA AND BLACK LEATHER-TRIMMED INTERIOR
Terra Cotta with contrasting stitching, black with blue stitching



ENGINE

Type, Materials	V8, 90-degree with aluminum block and cylinder heads
Designation	2UR-GSE
Valvetrain	DOHC, 32-valve, Intake camshaft Variable Valve Timing with intelligence (VVT-iE) and exhaust camshaft Variable Valve Timing with intelligence (VVT-i)
Displacement	5.0 liters (4,969 cm ³ /303.2 cu. in.)
Bore x Stroke	3.70 in. x 3.52 in. (94.0 mm x 89.5 mm)
Compression Ratio	11.8:1
Horsepower (SAE)	416 @ 6,600 rpm ¹
Torque	371 lb.-ft. @ 5,200 rpm ¹
Maximum Engine Speed	6,800 rpm (redline)
Fuel System	SFI D-4 Direct-to-cylinder injection with secondary port injectors
Fuel Requirement	Premium 91 octane unleaded
Emission Certification	ULEV II
Engine Features	Dual Air Intake System High Flow Intake Titanium Intake Valves Cylinder Head Scavenge Oil Pump Liquid-Cooled Oil Cooler Composite Camshafts Magnesium Cylinder Head Covers

PERFORMANCE

0-60 mph Acceleration	4.6 sec. ^{1,2} (mfg. estimates)
1/4-Mile Acceleration	13.0 seconds ^{1,2}
Top Track Speed (mfg. estimates - electronically limited)	170 mph ^{1,2}
2009 EPA-estimated mileage (City/Hwy/Combined)*	16/23/18 ³
Coefficient of Drag (CD)	0.30

EXTERIOR DIMENSIONS

Wheelbase	107.5 in. (2,730 mm)
Overall Length	183.5 in. (4,660 mm)
Overall Width	71.5 in. (1,815 mm)
Overall Height (unloaded)	55.7 in. (1,415 mm)
Tread Width	
• Front	61.4 in. (1,560 mm)
• Rear	59.6 in. (1,515 mm)

INTERIOR DIMENSIONS

Seating Capacity	Four
Headroom	
• Front	37.2 in. (39.0 in. (990.6 mm) without moonroof)
• Rear	36.7 in. (36.9 in. (937.3 mm) without moonroof)

INTERIOR DIMENSIONS (con't)

Legroom	
• Front	43.9 in. (1,115.1 mm)
• Rear	30.6 in. (777.2 mm)
Shoulder Room	
• Front	54.4 in. (1,381.8 mm)
• Rear	52.7 in. (1,338.6 mm)
Hip Room	
• Front	54.1 in. (1,374.1 mm)
• Rear	53.7 in. (1,364.0 mm)
EPA Passenger Volume	85.7 cu. ft. (88.3 mm without moonroof)
EPA Cargo Volume	13.3 cu. ft. (377 liters)

WEIGHTS AND CAPACITIES

Curb Weight	3,780 lbs. (1,715 kg)
Weight Distribution	54% front/46% rear
Fuel Capacity	16.9 gal.

CHASSIS AND BODY

VDIM ⁷	Vehicle Dynamics Integrated Management (VDIM) is a vehicle motion control system that integrates brake control systems, including Anti-lock Braking System (ABS) with Electronic Brake force Distribution (EBD), brake assist, Traction Control (TRAC), Vehicle Stability Control (VSC) ⁷ , Hill start Assist Control (HAC) ¹⁰ , and electric steering control (EPS)
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In addition to normal system operation, the IS F's VDIM system also has a Sport mode, which expands the permissible range of lateral acceleration, increases throttle response, raises transmission shift points and increases steering effort for enhanced road feel. The Vehicle Stability Control (VSC) may also be turned off

Suspension	
• Front	Double wishbone with high-mount upper arms, high-rate coil springs w/bound stopper, monotube gas-filled shock absorbers, large-diameter hollow stabilizer bar
• Rear	Multilink with low-mount upper arms, high-rate coil springs w/bound stopper, monotube gas-filled shock absorbers, large-diameter stabilizer bar
Steering - Type	Electric Power Steering (EPS): Vehicle speed-sensing coaxial rack & pinion, power assist, F sport mode adjustable
• Overall Ratio	13.6
• Turns (lock to lock)	2.91
• Turning Circle (curb to curb)	33.5 ft.
Brakes - Type	Four-wheel power-assisted disc brakes (Brembo manufactured for Lexus) ⁴ with Anti-lock Braking System (ABS) and Electronic Brake force Distribution (EBD) and Brake Assist ⁵
Body/Frame subframes	Unitized steel body with steel front & rear

CHASSIS AND BODY (con't)

• Front	14.2-in. drilled rotors with six-piston opposed Aluminum calipers, high-friction brake pads ⁴
• Rear	13.6-in. drilled rotors with two-piston opposed Aluminum calipers, high-friction brake pads ⁴
Anti-lock Braking System	4 channel, 4 sensor
Wheel Size/Type	19 x 8 in. front / 19 x 9 in. rear; 10-spoke forged aluminum (BBS manufactured for Lexus)
Tire Size/Type	225/40R19 93Y front - 255/35R19 96Y rear; low profile, developed for IS F ¹⁷
Spare Tire and Wheel	T135/70R18 103M
Tire Brands	Michelin Pilot Sport PS2, Bridgestone Potenza (both built to IS F spec)

DRIVETRAIN

Layout	Front engine, rear-wheel drive
Transmission Type	8-Speed Sport Direct-Shift automatic with paddle shift and Manual mode
Designation	AA80E
Gear Ratios	
1st	4.596
2nd	2.724
3rd	1.863
4th	1.464
5th	1.231
6th	1.000
7th	0.824
8th	0.685
Rev.	2.176
Differential Gear Ratio	2.937

OPTIONS & ACCESSORIES*

Mark Levinson 14-speaker 300-watt at less than 0.1% THD, 20-20,000 Hz⁹ Premium Surround Sound Audio System⁸ with 7.1 architecture and in-dash, single-feed, six-disc DVD/CD auto-changer featuring DVD-audio and DVD-video playback

Voice-activated DVD Navigation System¹¹ with backup camera¹² and Bluetooth[®] technology¹³

Pre-Collision System (PCS)¹⁴ and Dynamic Radar Cruise Control¹⁵

Intuitive Parking Assist

Headlamp washers

Moonroof delete option (by special order only)

XM[®] or SIRIUS[®] Satellite Radio capability^{16, 19}

iPod interface kit^{18, 19} Touch-up paint

Leather care kit Wheel locks

Cargo net and cargo mat All-weather floor mats

DISCLAIMERS

- Ratings achieved using the required premium unleaded gasoline with an octane rating of 91 or higher. If premium fuel is not used, performance will decrease.
- Performance figures are for comparison only and were obtained with prototype vehicles by professional drivers using special safety equipment and procedures. Do not attempt.
- EPA-estimated ratings. Actual mileage will vary. For more information on MPG and EPA ratings please visit the FAQ page on lexus.com.
- High-friction brakes are standard equipment for the front brakes only and require periodic inspection and measurement as outlined in the Warranty and Services Guide. The pads and rotors are expected to experience greater wear than conventional brakes. Pad life may be less than 20,000 miles, and brake rotor life may be less than 50,000 miles depending on driving conditions.
- Brake Assist is designed to help the driver take full advantage of the benefits of ABS. It is not a substitute for safe driving practices. Braking effectiveness also depends on proper brake-system maintenance and tire and road conditions.
- 19-in tires are expected to experience greater tire wear than conventional tires. Tire life may be substantially less than 15,000 miles, depending on driving conditions. Please see your Lexus dealer for details and other information relating to tire selection.
- Vehicle Stability Control (VSC) and Vehicle Dynamics Integrated Management (VDIM) are electronic systems designed to help the driver maintain vehicle control under adverse conditions. They are not a substitute for safe driving practices. Factors including speed, road conditions and driver steering input can all affect whether VSC and VDIM will be effective in preventing a loss of control. Please see your Owner's Manual for further details.
- Mark Levinson is a registered trademark of Harman International Industries, Inc.
- Continuous average power, all channels driven, at less than 0.1% THD; 20-20,000 Hz.
- Hill start Assist Control (HAC) is designed to help minimize backward rolling on steep ascents. It is not a substitute for safe driving judgment and practices. Factors including grade, surface conditions and driver input can all affect whether HAC will be effective in preventing a loss of control. Please see your Owner's Manual for further details.
- The Navigation System is designed to assist in locating an address or point of interest. Discrepancies may be encountered between the system and your actual location. Road system changes may affect the accuracy of the information provided. Rely on your common sense to decide whether to follow a specified route. Detailed coverage not available in every city or roadway. Periodic updates available at an additional cost. Please see your *Navigation System Owner's Manual* for further details.
- The backup camera, available only with the Navigation System, does not provide a comprehensive view of the rear area of the vehicle. You should also look around outside your vehicle and use your mirrors to confirm rearward clearance. Cold weather will limit effectiveness and view may become cloudy.
- The Bluetooth[®] technology phones listed on lexus.com have been tested for compatibility with Lexus vehicles. Performance will vary based on phone software version, coverage and your wireless carrier. Phones are warranted by their manufacturer, not Lexus.
- The Pre-Collision System is designed to help reduce the crash speed and damage in certain frontal collisions only. It is not a collision avoidance system and is not a substitute for safe and attentive driving. System effectiveness depends on many factors, such as speed, driver input and road conditions. Please see your Owner's Manual for further information.
- Dynamic Radar Cruise Control is designed to assist the driver and is not a substitute for safe and attentive driving practices. Please see your Owner's Manual for important cautions and instructions.
- Satellite Radio requires XM or SIRIUS compatible receiver and monthly service fee. Please see your Lexus dealer for further details. Reception of the satellite signal may vary depending on location. All fees and programming subject to change. Subscriptions subject to the terms and conditions available at www.xmradio.com or www.sirius.com. Available only in the 48 contiguous United States.
- 19-in performance tires are expected to experience greater wear than conventional tires. Tire life may be substantially less than 15,000 miles, depending on driving conditions.
- iPod is a registered trademark of Apple Inc.
- Interface kit for iPod and XM or SIRIUS satellite radio services are not compatible and are not available in conjunction with one another.

*Lexus strives to build vehicles to match customer interest, and thus they typically are built with popular options and option packages. Not all options/packages are available separately, and some may not be available in all regions of the country. See lexus.com for information about options/packages commonly available in your area. If you would prefer a vehicle with no or different options, contact your dealer to check for current availability or the possibility of placing a special order. Specifications, features, equipment, technical data, performance figures, options, and color and trim are based upon information available at time of printing, are subject to change without notice, and are for mainland U.S.A. vehicles only. Some vehicles shown with available equipment. Optional equipment listed may not be available separately or in all regions. See your Lexus dealer for details. Lexus reminds you to wear seatbelts, secure children in rear seat, obey all traffic laws and drive responsibly. For more information, call 800-USA-LEXUS (872-5398) or visit lexus.com. **To learn more about your financing options, contact your Lexus dealer or call Lexus Financial Services at 800-874-7050.**

WARRANTY

Four-year/50,000-mile Lexus Limited Warranty. Six-year/70,000-mile Powertrain Warranty. Six-year/unlimited-mileage Corrosion Perforation Warranty. All warranties with zero deductible. See the IS F *Warranty and Services Guide* at your Lexus dealer for details.



Lexus is always looking for new ways to be respectful of the environment. As part of this effort, this brochure was printed at Anderson Lithograph, Inc. Anderson is recognized as a sustainable print facility committed to ecologically sound business practices. Additionally, this paper contains post-consumer recycled material and has earned the Mixed Sources label as designated by the Forest Stewardship Council.





IS EVERYTHING YOU
THOUGHT WE WEREN'T



IS F EXTERIOR COLORS



OBSIDIAN



SMOKY GRANITE MICA



MERCURY METALLIC



STARFIRE PEARL



ULTRASONIC BLUE MICA



MATADOR RED MICA





THE PURSUIT OF PERFECTION.