

2018 RC F Product Information

Note: Items in bold are new for 2018	
EXTERIOR DIMENSIONS	
Wheelbase	107.5 in.
Overall Length	185.2 in.
Overall Width	72.6 in. (mirror folded) 81.5 in. (mirror unfolded)
Overall Height (unloaded)	54.7 in.
Tread Width - Front	61.2 in.
- Rear	61.4 in.

INTERIOR DIMENSIONS		
Seating Capacity		4
Headroom	- Front	36.5 in. (37.8 in. without moonroof)
	- Rear	34.6 in. (35.0 in. without moonroof)
Legroom	- Front	45.4 in.
	- Rear	27.3 in.
Shoulder Room - Front		50.7 in.
	- Rear	46.1 in.
Hip Room	- Front	53.9 in.
	- Rear	47.8 in.
EPA Passeno	ger Volume	79.4 cu. ft.
EPA Cargo Volume		10.1 cu. ft.

WEIGHTS AND CAPACITIES		
Curb Weight	3,958 lbs.	
Weight Distribution (front/rear)	55/45	
Ground Clearance	5.1 in.	
Fuel Capacity	17.4 gal.	



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ENGINE	
Type, Materials	V8, 90-degree with aluminum block and cylinder heads
Designation	2UR-GSE
Valvetrain	DOHC, 32- valve, Intake camshaft Electric Variable Valve Timing with intelligence (VVT-iE, Exhaust camshaft Hydraulic 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.
Compression Ratio	12.3:1
Horsepower (SAE)	467 @ 7,100 rpm
Torque	389 lbft. @ 4,800 – 5,600 rpm
Fuel System	D-4S direct-to-cylinder injection with secondary port injectors
Fuel Requirement	Premium 91 octane unleaded
Emission Certification	LEV III – ULEV 70 with OBD

DRIVETRAIN	1	
Layout		Front engine, rear-wheel drive
Transmission	Туре	8-speed Sport Direct Shift automatic with paddle shift and manual mode
Designation		AA80E
Gear Ratios	1 st	4.596
	2 nd	2.724
	3 rd	1.863
	4 th	1.464
	5 th	1.231
	6 th	1.000
	7 th	0.824
	8 th	0.685
	Rev.	2.176
Differential Ge	ear Ratio	2.937
Rear Differential Type		TORSEN® Limited Slip
		TVD (available)



CHASSIS AN	D BODY	
Body/Frame		Unitized steel body with steel front and rear subframes
Suspension	- Front	Adaptive Variable Suspension (AVS); Double wishbone with high-mount upper arms, high-rate coil springs w/bound stopper, ZF SACHS shock absorbers, large-diameter hollow stabilizer bar
	- Rear	Adaptive Variable Suspension (AVS); Multilink with low- mount upper arms, high-rate coil springs w/bound stopper, ZF SACHS shock absorbers, large-diameter stabilizer bar
Steering	- Type	Electric Power Steering (EPS): Vehicle speed-sensing coaxial rack and pinion, power assist, F sport mode adjustable
	- Overall Ratio	14.0
	- Turns (lock to lock)	2.84
	- Turning Circle (curb to curb)	35.4 ft.
Brakes	- Type	Four-wheel power-assisted disc brakes (Brembo manufactured for Lexus) with Anti-lock Braking System (ABS) and Electronic Brake force Distribution (EBD) and Brake Assist
	- Front	15.0-in. ventilated rotors with six-piston opposed aluminum calipers, high-friction brake pads
	- Rear	13.6-in. ventilated rotors with four-piston opposed aluminum calipers, high-friction brake pads
Anti-lock Brak	ing System	4 channel, 4 sensor
Wheel Size/Ty	/ре	19 x 9 in. front / 19 x 10 in. rear; forged aluminum (BBS manufactured for Lexus)
Tire Size/Type		255/35R19 93Y front – 275/35R19 96Y rear; developed for RC F
Tire Brands		Bridgestone Potenza, Michelin Pilot Sport PS2 (both built to RC F spec)

PERFORMANCE	
0-60 mph Acceleration (manuf. results)	4.4 sec.
Top Track Speed (mfg. estimates – electronically limited)	170 mph
0-1/4 Mile Acceleration (manuf. results)	12.5 sec.
EPA Estimated Fuel Economy* city/highway/combined mpg	16/25/19
Coefficient of Drag (Cd)	0.33

^{*2017} EPA MPG estimate. Actual mileage will vary.



STANDARD EXTERIOR FEATURES

Overall Exterior Styling/Body Design

- 19-inch forged aluminum wheels manufactured for Lexus by BBS with 255/35R19 FR and 275/35R19 RR
- Color-keyed electrochromic outside rearview mirrors with memory
- Dual-polished stainless-steel exhaust with premium tips integrated into the bumper in a trapezoidal position
- "F" badging on front fenders and right-rear trunk area
- LED head, daytime running, brake, tail and license plate lamps
- Puddle lamps (mounted on underside of door handles)
- Shark fin antenna for SiriusXM Satellite Radio receiver (complimentary 90-day trail subscription included)
- Ultraviolet and infrared ray reducing glass on all windows

Body Structure and Paint

- Exterior colors (8): Atomic Silver, Flare Yellow, Caviar, Ultra White, Nebula Gray Pearl, Obsidian, Infrared, and Ultrasonic Blue Mica 2.0
- Foam material in side members/pillars, and hidden windshield frame used to reduce wind noise
- High-tensile strength sheet metal used on 40 percent of the body for light-weight rigidity
- One-piece color-keyed Super Olefin Polymer front and rear bumpers
- Rust resistant steel used on main body parts
- Scratch-resistant clearcoat paint
- Stainless steel exhaust system
- Use of rigid, low density foam sound dampening asphalt sheets reduce NVH

Convenience Features

- · Heated outside rearview mirrors
- Heavy duty rear window defogger with timer
- Variable intermittent wipers with mist cycle



STANDARD INTERIOR FEATURES

Interior Trim

- Black NuLuxe interior with "F" logo embroidered on all four headrests.
- · Fabric sun visors and headliner
- · Hand-finished aluminized composite trim
- Leather shift knob and leather and silver-trimmed steering wheel insert
- Two front and two rear articulating assist grips

Seats

- 10-way power driver (8-way passenger) front sport seats, including power lumbar support, and threeposition memory for driver and front passenger
- NuLuxe seats with enhanced lateral support, four-seat sport configuration

Instrumentation and Controls

- Drive Mode Select control with Normal, Eco, Sport S, Sport S+ and Custom mode that allows the driver to customize powertrain and suspension settings.
- · Audible alert when reaching RPM limit
- Automatic climate control display: speed and air flow indicators
- Battery, oil level, seat belt, brake, airbag SRS, engine, low fuel, EPS, AT oil temp, ABS, tire pressure and tire slippage warning lights
- "F" logo displays on multi-information display and speedometer and tachometer needles sweep across their dials when system is powered
- "F" unique blue LED illuminated needles on speedometer and tachometer
- Fog lamp indicator
- Indicator lights for headlights on, door open, TRAC off, high beam, hazard, AFS off, Snow and cruise control
- Illuminated outside mirror button controls
- Illuminated "TEMP" label on center cluster
- LCD shift indicator display in center of meter cluster with engine oil temperature gauge
- LCD-type electronic digital twin trip meters and odometer display
- LED illuminated air vent dials
- Multi-information display with a choice of lap timer, torque distribution (available), G-Force, tire pressure and
 rear wing position, audio information, navigation information, outside air temperature, cruise range if
 engaged, average fuel consumption, average fuel consumption after re-fueling, instantaneous fuel
 consumption, average vehicle speed or gear selection (in D mode)
- Optitron speedometer and tachometer gauges, fuel and coolant temperature gauges, and unique digital oil temperature and voltage gauges
- Power outside mirror control
- SPORT indicator light when in sport mode



STANDARD INTERIOR FEATURES - CONT.

Convenience Features

- · Aluminum scuff plates
- Articulating assist grips (two front/two rear)
- · Console mounted dual cup holders
- Covered center console storage box
- Cruise control
- Door courtesy lights, glove box light and trunk light
- Dust/pollen interior air filter
- Frameless Electrochromic rearview mirror with compass (without Navigation)
- Electronic remote, illuminated trunk lid and fuel-filler door releases
- · First aid and tool kits
- Foldable rear headrests
- Front and rear dome light and individual LED map lights integrated into headliner
- Front ashtray
- Front center armrest
- HomeLink® programmable garage door opener
- Inside auto-dimming electrochromic rearview mirror with compass
- Lexus Enform Remote now complimentary for the first year of ownership Allows customers to
 remotely view and control certain aspects of their Lexus vehicle via a mobile application for iOS and Android
 smartphone users. Lexus Enform Remote application is separate from Lexus Enform App Suite 2.0
 application (not on head unit). Requires Lexus Enform Safety Connect and Lexus Enform Remote
 subscriptions. Customers must register for service.
 - Ability to use with multiple Lexus vehicles
 - Engine/HVAC start/stop
 - Guest Driver Monitor
 - Remote Door Lock/Unlock
 - Vehicle Finder
 - Vehicle Status Report
- Lexus Enform Service Connect Allows customers to remotely view information about certain aspects of
 their Lexus vehicle via MyLexusandBeyond mobile application for iOS smartphone users or
 LexusDrivers.com. Lexus Enform Service Connect application is separate from Lexus Enform App Suite 2.0
 application (not on head unit). Requires Lexus Enform Safety Connect and Lexus Enform Service
 Connect (both complimentary for the first 10 years of ownership). Customers must register for service.
 - Vehicle Health Report Email and push notifications
 - · Maintenance Alerts Email and push notifications
- Siri® Eyes Free (iPhone® 4S and newer)
- Vehicle Alerts Email and push notifications for certain features
- One front cup holder located behind the shift lever and one cup holder in the center console
- Power door locks with anti lock-out
- Power tilt and telescoping adjustable steering wheel with memory
- Power windows with one-touch up/down and jam protection
- Rear seat center console in four-seat configuration
- Retained accessory power for operation of power windows and moonroof



STANDARD INTERIOR FEATURES - CONT.

Convenience Features (con't)

- Retractable coat hooks
- Sound-absorbing sun visors with vanity mirrors
- Speed-sensitive, shift-linked automatic door lock/unlock

STANDARD AUDIO SYSTEM

Lexus Display Audio

- 7-inch VGA screen
- 10 speakers
- 256-watts
- AM/FM in-dash CD
- Back up monitor with dynamic grid lines
- Digital signal processing with Automatic Sound Levelizer (ASL)
- HD™ Radio (complimentary traffic and weather)
- Integrated SiriusXM Satellite Radio receiver (complimentary 90-day trial subscription included)
- iTunes[®] tagging
- · Rear glass-imprinted radio antenna with separate FM diversity antenna
- Scout® GPS Link Display Audio Only (Three Year Trial)
- Streaming audio via Bluetooth[®] 3.0



STANDARD SAFETY AND SECURITY

Safety

Lexus Safety System+ is now standard

- Pre-Collision System
- Lane Departure Alert with Steering Assist
- Intelligent High Beam
- High Speed Dynamic Radar Cruise Control
- Direct Tire Pressure Monitoring System
- Driver and front passenger knee airbags Supplemental Restraint System
- Dual-stage driver's and dual-stage and dual-chamber front passenger's airbag SRS
- Full length side curtain airbags SRS
- Front seat side airbag SRS
- Door side impact beams
- Front and rear energy-managing crumple zones
- Front ventilated and rear ventilated disc brakes with single brake booster and four-sensor, four-channel Antilock Braking System (ABS) with Electronic Brake-force Distribution (EBD) and Brake Assist (BA)
- LED Daytime Running Lights (DRL)
- Three-point belts for all seating positions, front and rear with force-limiting pretensioners; height adjustable front shoulder belt anchors
- Traction Control (TRAC)
- Vehicle Stability Control (VSC)
- Vehicle Dynamics Integrated Management (VDIM) with cut-off switch and both Normal and Sport modes (integrates VSC, TRAC, ABS, EBD, BA, and throttle input)

Security

- Automatic Locking Retractor (ALR) and Emergency Locking Retractor (ELR) function for all positions except driver (driver's only equipped with ELR)
- 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 closing/opening the door, 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

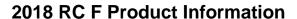


STANDARD MECHANICAL FEATURE

Smart Stop Technology

FACTORY OPTIONS

- All Weather Package with windshield deicer, headlamp cleaner + heated steering wheel
- Leather trimmed seats: black, gray or Rioja Red with dark carbon fiber trim
- Moonroof with power tilt/slide
- Orange brake calipers
- Park Assist
- Premium LED headlamps with high-tech "L" design
- 19" Split 10-spoke Wheel
- 19" 20-spoke Wheel
- Navigation System with Remote Touch Interface
 - 10.3" Navigation Screen
 - Back-up monitor with dynamic grid lines
 - Bluetooth[®] 3.0 hands free phone and automatic phonebook download capabilities
 - HD Radio[™] with iTunes tagging (complimentary traffic and weather)
 - Navigation System
 - Lexus Enform App Suite 2.0 (subscription free): Yelp[®], iHeartRadio[™], Pandora[®] and Slacker
 - Lexus Enform Destination Assist: Available with Navigation package, get directions and destinations delivered by a real person with 24-hour, en-route navigation assistance. (complimentary for the first year of ownership)
 - Lexus Insider™
 - MP3/WMA and dual USB/iPod[®] audio input plugs
 - Voice command casual-language voice recognition system
- Mark Levinson with Navigation
 - Navigation System with 10.3" screen
 - Mark Levinson® Premium Surround Sound system (AM/FM tuner, in-dash 6-DVD/CD changer, 17-speakers, advanced discrete amplifier design with 835 watts max. power at less than 0.1% THD from 20 to 20,000 Hz, 7.1-channel speaker architecture)
- Performance Package:
 - Carbon fiber roof
 - Carbon fiber speed-activated rear spoiler
 - Rear Torque Vectoring Differential





FACTORY OPTIONS - CONT.

- Premium Package:
 - Heated/ventilated seats
 - Speed-activated rear spoiler
 - · Carbon fiber interior trim
 - Blind Spot Monitor with Rear Cross Traffic Alert
 - Rain Sensing Wipers
 - EC auto dimming mirrors with reverse auto tilt
 - Water repellent side windows
 - Three position seat memory
 - Park Assist