

LEXUS RC F TECHNICAL SPECIFICATIONS

ENGINE		
Engine code		2UR-GSE
Cylinders and arrangement		V8
Valve mechanism		32 valve DOHC, Dual VVT-i
Displacement (cc)		4,969
Bore x stroke (mm)		94.0 x 89.5
Compression ratio		12.3:1
Fuel injection system		EFI, D-4S
Euro emissions standard		Euro6
Max. power (bhp/DIN hp/kW @ rpm)		457/464/341 @ 7,100
Max. torque (Nm @ rpm)		520 @ 4,800
PERFORMANCE		
Max. speed (electronically limited, mph)		168
Max. cruising speed (mph)		150
Acceleration 0-62mph (sec)		4.3
FUEL CONSUMPTION, EMISSIONS, INSURANCE & SERVICING		
Fuel consumption – WLTP combined, (mpg)		23.9
CO ₂ emissions – WLTP combined (g/km)		268
Fuel tank capacity (l)		66
Insurance groups		48 RC F 50 RC F Carbon
Servicing		10,000 miles/annually
TRANSMISSION		
Type		8-speed Sports Direct Shift automatic
Driveline		Front engine/rear-wheel drive
Gear ratio	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
	Reverse	2.176
Differential gear ratio (rear)		3.13
BRAKES		
Type	Front	Brembo ventilated and slotted discs
	Rear	Brembo ventilated and slotted discs
Diameter/thickness (mm)	Front	380/34 380/38 Track Edition
	Rear	345/28 380/30 Track Edition
Parking brake		Electronic
Front		Double-wishbone, Adaptive Variable Suspension
Rear		Multi-link, Adaptive Variable Suspension

STEERING		
Type	Electric power assisted	
Ratio	13.2:1	
Turns lock to lock	2.84	
Min. turning radius	Tyre (m)	5.4
	Body (m)	5.7
SUSPENSION		
Front	Double-wishbone, Adaptive Variable Suspension	
Rear	Multi-link, Adaptive Variable Suspension	
STEERING		
Type	Electric power assisted	
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Turns lock to lock	2.84	
Min. turning radius	Tyre (m)	5.4
	Body (m)	5.7
DIMENSIONS		
Overall length (mm)	4,710	
Overall width – without mirrors (mm)	1,845	
Overall width – with mirrors (mm)	2,070	
Height (mm)	1,390	
Wheelbase	2,730	
Front track (mm)	1,555	
Rear track (mm)	1,560	
Front overhang (mm)	930	
Rear overhang (mm)	1,050	
Min, running ground clearance (mm)	130	
Coefficient of drag (Cd)	0.33	
Effective headroom	Front (mm)	960
	Rear (mm)	888
		928 (with sunroof)
		878 (with sunroof)
Interior length (mm)	1,835	
Interior width (mm)	1,520	
Interior height (mm)	1,120	
	1,110 (with sunroof)	
Couple distance (mm)	833	
Seating capacity	4	
Load space volume (l)	366	
WEIGHTS		
Kerb weight (min/max, kg)	1,715/1,825	
Gross vehicle weight (kg)	2,250	
WHEELS & TYRES		
Wheels	19in forged alloy	
Tyres	Front	255/35R19
	Rear	275/35R19

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