

LEXUS IS TECHNICAL SPECIFICATIONS

ENGINE	IS 250	IS 200d	
Engine code	4GR-FSE	2AD-FTV	
Engine type	V6, 60°	Four in-line	
Valve mechanism	24 valves, dual VVT-i	16 valves	
Block & head material	Aluminium	Aluminium	
Displacement (cc)	2,500	2,231	
Bore x stroke (mm)	83.0 x 77.0	86.0 x 96.0	
Fuel rating	95 octane petrol or higher	48 cetane low sulphur diesel	
Compression ratio	12.0:1	15.7:1	
Max. power (bhp/rpm)	205 @ 6,400	148 @ 3,600	
Max. torque (Nm/rpm)	252 @ 4,800	340 @ 2,000	
PERFORMANCE	IS 250	IS 200d	
0-62mph (sec)	8.4	10.2	
Max. speed (mph)	141	127	
DIMENSIONS			
Overall length (mm)	4,585		
Overall width (mm)	1,800		
Overall height (mm)	1,440 (1430F-Sport)		
Wheelbase (mm)	2,730		
Track front (mm)	1,535		
Track rear (mm)	1,535		
Overhang front (mm)	820		
Overhang rear (mm)	1,035		
Coefficient of Drag (Cd)	0.27		
Minimum turning radius – tyre (m)	5.1		
Fuel tank capacity (litres)	65		
INTERIOR DIMENSIONS			
Interior length (mm)	1,855		
Interior width (mm)	1,475		
Interior height (mm)	1,165		
Luggage capacity (litres)	398		
WEIGHTS (kg)	IS 250	IS 200d	
Kerb weight	1,530– 1,620	1,545 -1,635	
Gross vehicle weight	2,045	2,075	
Towing capacity (braked)	1,500	1500	
Towing capacity (unbraked)	560	560	
TRANSMISSION	IS 250	IS 200d	
Gear ratios	1 st	3.538	5.232
	2 nd	2.060	2.644
	3 rd	1.404	1.605
	4 th	1.000	1.219
	5 th	0.713	1.000
	6 th	0.582	0.728
	Reverse	3.168	4.525
Differential Gear Ratio	3.727	2.474	
FUEL CONSUMPTION	IS 250	IS 200d	
Combined (mpg)	33.6	55.4	
Extra Urban (mpg)	43.5	64.2	
Urban (mpg)	23.9	44.8	

EMISSIONS-VED		IS 250	IS 200d
CO ₂ (g/km)		194	134
VED band		J	E
SUSPENSION			
Front		Double wishbones	
Rear		5-arm multilink	
Shock absorbers		Gas-filled monotube type with multi-leaf type linear control valve	
BRAKES			
Front (diameter x width, mm)		Ventilated discs, 296 x 28	
Rear (diameter x width, mm)		Solid discs, 291 x 10	
STEERING			
Type		Rack and pinion	
Ratio		13.5:1 (200d 13.4:1)	
Power steering type		Electric Power Steering (EPS)	
Turns (lock to lock)		2.9	
TYRES AND WHEELS			
Tyre size	SE and SE-I	Front 225/45 R17	Rear 245/45 R17
	F-Sport & SE-L	Front 225/40 R18	Rear 255/40 R18
Wheel size	SE and SE-I	Front and Rear 17 x 8 J	
	F-Sport & SE-L	Front 18 x 8J	Rear 18 x 8½J

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