

DISCOVERY

TECHNICAL SPECIFICATION
2019



ABOVE & BEYOND



ENGINES

You can select from a choice of 2,0 and 3,0 litre diesel or petrol engines. These engines are designed for clean and efficient combustion and are all equipped with Stop/Start technology.

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TECHNICAL SPECIFICATION

			DIESEL				PETROL				
POWERTRAIN			Sd4		Sd6		Si4				
Transmission			Automatic		Automatic		Automatic				
Driveline			All Wheel Drive (AWD)		All Wheel Drive (AWD)		All Wheel Drive (AWD)				
Maximum power (PS/rpm)			240 / 4.000		306 / 3.750		300 / 5.500				
Maximum torque (Nm/rpm)			430 / 1.400		700 / 1.500-1.750		400 / 1.500-4.000				
Capacity (cc)			1.999		2.993		1.997				
No. of cylinders/Valves per cylinder			4 / 4		6 / 4		4 / 4				
Cylinder layout			Longitudinal In-Line		Longitudinal V6		Longitudinal In-Line				
Bore/stroke (mm)			83,0 / 92,4		84,0 / 90,0		83,0 / 92,29				
Compression ratio (:1)			15,5+ / -0,5		16,1		9,5+ / -0,5				
FUEL ECONOMY - NEDC EQUIVALENT (NEDC2)*			Class A		Class B		Class A		Class B		
Seating			5 / 7		5 / 7		5 / 7		5 / 7		
NEDC2 Consumption	Urban	l/100km (mpg)	8,4 (33,6) / 8,6 (32,8)		8,5 (33,2) / 8,8 (32,1)		8,7 (32,5) / 8,7 (32,5)		8,8 (32,1) / 8,9 (31,7)		
	Extra Urban	l/100km (mpg)	6,6 (42,8) / 6,7 (42,2)		6,7 (42,2) / 6,8 (41,5)		6,8 (41,5) / 6,8 (41,5)		7,0 (40,4) / 7,0 (40,4)		
	Combined	l/100km (mpg)	7,2 (39,2) / 7,4 (38,2)		7,4 (38,2) / 7,5 (37,7)		7,5 (37,7) / 7,5 (37,7)		7,6 (37,2) / 7,7 (36,7)		
NEDC2 CO ₂ Emissions	Urban	(g/km)	220 / 227		225 / 231		228 / 229		233 / 233		
	Extra Urban	(g/km)	174 / 176		176 / 178		179 / 180		183 / 184		
	Combined	(g/km)	191 / 194		194 / 197		197 / 198		201 / 202		
FUEL ECONOMY - WLTP**			TEL-TEH [†]		TEL-TEH [†]		TEL-TEH [†]				
Seating			5 / 7		5 / 7		5 / 7				
WLTP Consumption Test Energy	Low	l/100km (mpg)	11,3-11,9 (25,1-23,7) / 11,4-12,0 (24,8-23,5)			11,7-12,6 (24,2-22,5) / 11,8-12,7 (23,9-22,2)			15,3-15,9 (18,5-17,8) / 15,4-16,0 (18,3-17,7)		
	Medium	l/100km (mpg)	8,1-9,4 (34,7-30,1) / 8,3-9,5 (33,9-29,7)			8,7-10,0 (32,5-28,3) / 8,9-10,2 (31,8-27,8)			10,4-11,5 (27,1-24,6) / 10,6-11,7 (26,6-24,1)		
	High	l/100km (mpg)	7,2-8,2 (39,0-34,4) / 7,3-8,3 (38,5-34,1)			7,6-8,5 (37,1-33,3) / 7,7-8,6 (36,7-32,9)			9,0-10,0 (31,2-28,2) / 9,2-10,1 (30,8-27,8)		
	Extra High	l/100km (mpg)	8,1-9,4 (34,7-30,2) / 8,2-9,4 (34,3-30,0)			9,0-10,0 (31,4-28,3) / 9,1-10,1 (31,2-28,1)			10,8-12,1 (26,1-23,4) / 10,9-12,2 (25,8-23,1)		
	Combined	l/100km (mpg)	8,3-9,3 (34,1-30,2) / 8,4-9,4 (33,6-30,0)			8,9-9,9 (31,9-28,6) / 9,0-10,0 (31,5-28,3)			10,8-11,8 (26,2-23,9) / 10,9-12,0 (25,8-23,6)		
WLTP CO ₂ Emissions	Low	(g/km)	282-312 / 288-315			306-330 / 310-334			345-359 / 349-362		
	Medium	(g/km)	214-246 / 219-249			228-262 / 233-267			236-260 / 241-265		
	High	(g/km)	190-215 / 193-217			199-223 / 202-225			205-226 / 208-229		
	Extra High	(g/km)	218-245 / 220-247			236-262 / 238-264			245-273 / 248-276		
	Combined	(g/km)	217-245 / 220-247			232-259 / 235-262			244-267 / 247-271		

*The figures provided are NEDC2 calculated from official manufacturer's WLTP tests in accordance with EU legislation. For comparison purposes only. Real world figures may differ. CO₂ and fuel economy figures may vary according to wheel fitment and optional extras fitted. NEDC2 are figures calculated using a Government formula from WLTP figures equivalent to what they would have been under the old NEDC test. The correct tax treatment can then be applied. **WLTP is the new official EU test used to calculate standardised fuel consumption and CO₂ figures for passenger cars. It measures fuel, energy consumption, range and emissions. This is designed to provide figures closer to real-world driving behaviour. It tests vehicles with optional equipment and with a more demanding test procedure and driving profile. [†]TEL (Test Energy Low) and TEH (Test Energy High) figures are shown as a range under WLTP testing measures. TEL refers to the lowest/most economical figures (with the lightest set of options). TEH refers to the highest/least economical figures (with the heaviest set of options). WLTP legislation dictates that where there is <5g CO₂ variance between TEL and TEH, only the TEH is declared.

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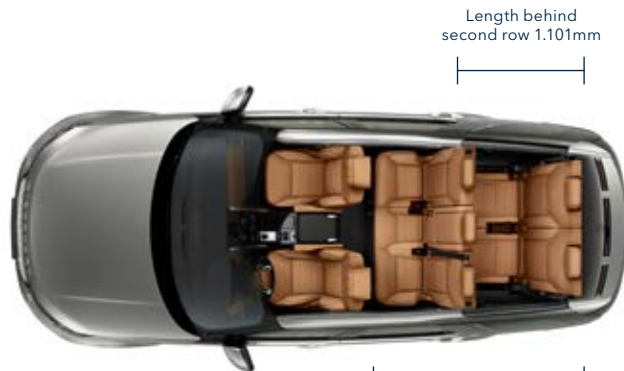
FUEL ECONOMY - CONTINUED	DIESEL		PETROL
	Sd4	Sd6	Si4
Fuel tank capacity - useable litres	77	85	90
Diesel Exhaust Fluid (DEF) - useable litres	18	18	-
Diesel Particulate Filter (DPF)	■	■	-
PERFORMANCE			
Acceleration (secs) 0-100km/h (0-60 mph)	8,7 (8,3)	7,5 (7,0)	7,7 (7,3)
Maximum speed km/h (mph)	207 (128)	209 (130)	201 (125)
BRAKES			
Front type	2 x 48mm sliding fist caliper	2 x 48mm sliding fist caliper	2 x 48mm sliding fist caliper
Front diameter (mm)	349	363	349
Rear type	45mm sliding fist caliper	45mm sliding fist caliper	45mm sliding fist caliper
Rear diameter (mm)	325	350	325
Park Brake	Integrated motor-on caliper	Integrated motor-on caliper	Integrated motor-on caliper
WEIGHTS (kg)^{††}			
Seating	5 / 7	5 / 7	5 / 7
Unladen weight (EU) [‡]	2.184	2.311	2.161
Unladen weight (DIN) ^{‡‡}	2.109	2.236	2.086
Gross Vehicle Weight (GVW)	2.940 / 3.130	3.050 / 3.200	2.900 / 3.070
TOWING (kg)			
Seating	5 / 7	5 / 7	5 / 7
Unbraked trailer	750	750	750
Maximum towing ^Δ	3.500	3.500	3.000
Maximum coupling point/nose weight [∅]	350	350	350
Maximum vehicle and trailer combination	6.440 / 6.630	6.550 / 6.700	5.900 / 6.070
ROOF CARRYING (kg)			
Maximum roof load (including cross bars)	80	80 ▲	80

■ Standard - Not Available.

Class A (20-22" wheels) Class B (19" wheels)

^{††}Weights reflect vehicles to standard specifications. Optional extras increase weight. [‡]Includes a 75kg driver, full fluids and 90% fuel. ^{‡‡}Includes full fluids and 90% fuel. ^ΔMaximum towing capacity is limited to 2,500kg when the 20" aerodynamic wheel (031GJ) is fitted to 7-seat variants. [∅]When fitted with Electrically Deployable Tow Bar. 195kg with Detachable Tow Bar. ▲Roof carrying load increased from 80kg to 100kg when SD6 selected with Adaptive Dynamics.

DIMENSIONS AND CAPABILITIES



Length behind second row 1.101mm

Loadspace width 1.411mm*

Length behind first row 1.954mm

Standard Ride Height

Air suspension 1.888mm
Coil suspension 1.909mm

Headroom

Maximum front/rear headroom with standard roof 1.001mm/991mm
Maximum front/rear headroom with panoramic roof 1.016mm/991mm

Legroom

Maximum front legroom 993mm
Maximum rear legroom second row 954mm
Maximum rear legroom third row 850mm

Loadspace Capacity

Height 854mm, Width 1.411mm
Loadspace width between arches 1.200mm

Maximum loadspace volume behind first row
Dry 2.068 litres**, Wet 2.500 litres†

Maximum loadspace volume behind second row
Dry 986 litres**, Wet 1.231 litres†

Maximum loadspace volume behind third row
Dry 172 litres**, Wet 258 litres†

Obstacle Clearance

Air suspension 207mm
Coil suspension 215mm

Turning Circle

Kerb-to-kerb 12,4m
Wall-to-wall 12,4m
Turns lock-to-lock 2,7

Wading Depth††

Maximum wading depth
Air suspension 900mm
Coil suspension 850mm

Overall length 4.956mm



Width 2.073mm mirrors folded
Width 2.220mm mirrors out



Front wheel track†
Air suspension 1.692mm
Coil suspension 1.689mm

Height
Air suspension 1.888mm
Coil suspension 1.909mm



Rear wheel track†
Air suspension 1.687mm
Coil suspension 1.685mm



	A	B	C
Ride Height			
Approach Angle	34,0°	27,5°	30,0°
Ramp Angle		22,2°	
Departure Angle			25,9°
Coil suspension	26,3°		



*Loadspace width will be 1.273 when 4-zone climate control is fitted. **Dry: Volume as measured with VDA-compliant solid blocks (200mm x 50mm x 100mm). †Wet: Volume as measured by simulating the loadspace filled with liquid. ††Wading depth (25 deg entry and exit) 750mm, deep fording depth (9 deg entry and exit) 900mm. †When fitted with 21" wheels.