

DISCOVERY

TECHNICAL SPECIFICATION
APRIL 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

POWERTRAIN	DIESEL				PETROL	
	Sd4		Sd6		Si4	
Transmission	Automatic		Automatic		Automatic	
Driveline	All Wheel Drive (AWD)		All Wheel Drive (AWD)		All Wheel Drive (AWD)	
Maximum power HP/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 (NEDCeq)*	Class A	Class B	Class A	Class B	Class A	Class B
Seating	7	7	7	7	7	7
NEDCeq CO ₂ Emissions	Combined (g/km) 194	197	198	202	220	222
FUEL ECONOMY - WLTP**	TEL-TEH[†]		TEL-TEH[†]		TEL-TEH[†]	
Seating	7		7		7	
WLTP Consumption Test Energy	Low	mpg (l/100km) 24.8-23.5 (11.4-12.0)	23.9-22.2 (11.8-12.7)		18.3-17.7 (15.4-16.0)	
	Medium	mpg (l/100km) 33.9-29.7 (8.3-9.5)	31.8-27.8 (8.9-10.2)		26.6-24.1(10.6-11.7)	
	High	mpg (l/100km) 38.5-34.1 (7.3-8.3)	36.7-32.9 (7.7-8.6)		30.8-27.8 (9.2-10.1)	
	Extra High	mpg (l/100km) 34.3-30.0 (8.2-9.4)	31.2-28.1(9.1-10.1)		25.8-23.1 (10.9-12.2)	
	Combined	mpg (l/100km) 33.6-30.0 (8.4-9.4)	31.5-28.3 (9.0-10.0)		25.8-23.6 (10.9-12.0)	
WLTP CO ₂ Emissions	Combined (g/km) 220-247		235-262		247-271	
FUEL ECONOMY						
Fuel tank capacity - useable litres	77		85		90	
Diesel Exhaust Fluid (DEF) - useable litres	18		18		-	
Diesel Particulate Filter (DPF)	■		■		-	

■ Standard - Not Available.

Class A (20", 21" and 22" wheels) Class B (19" wheels)

*The figures provided are NEDCeq 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. NEDCeq 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.

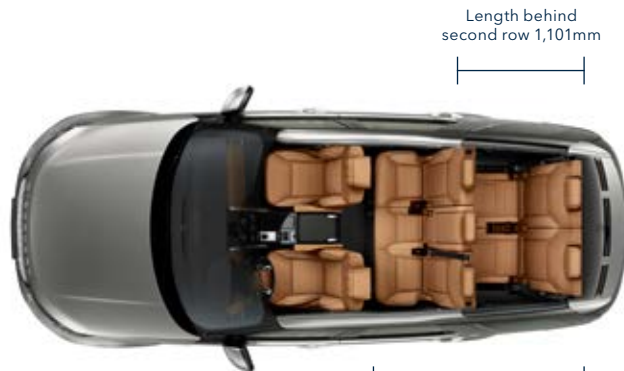
TECHNICAL SPECIFICATION

PERFORMANCE	DIESEL		PETROL
	Sd4	Sd6	Si4
Acceleration (secs) 0-60 mph (0-100km/h)	8.3 (8.7)	7.0 (7.5)	7.3 (7.7)
Maximum speed mph (km/h)	121 (194)	130 (209)	125 (201)
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	7	7	7
Unladen weight (EU) [‡]	2,184	2,311	2,161
Unladen weight (DIN) ^{††}	2,109	2,236	2,086
Gross Vehicle Weight (GVW)	3,130	3,200	3,070
TOWING (kg)			
Seating	7	7	7
Unbraked trailer	750	750	750
Maximum towing	3,500	3,500	3,000
Maximum coupling point/nose weight [§]	350	350	350
Maximum vehicle and trailer combination	6,630	6,700	6,070
ROOF CARRYING (kg)			
Maximum roof load (including cross bars)	80	80 ▲	80

^{††}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.

[§]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

Length behind first row 1,954mm

Loadspace width 1,411mm*

Standard Ride Height

Air suspension 1,888mm

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 902mm, Width 1,411mm*

Wheelhouse width 1,200mm

Maximum loadspace volume behind first row
Dry 2,004 litres**, Wet 2,406 litres†

Maximum loadspace volume behind second row
Dry 922 litres**, Wet 1,137 litres†

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

Obstacle Clearance

Air suspension 207mm

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

Width 2,073mm mirrors folded
Width 2,220mm mirrors out



Front wheel track†
Air suspension 1,692mm

Height Air suspension 1,888mm



Rear wheel track†
Air suspension 1,687mm



	A	B	C
Ride Height			
Approach Angle	34.0°		
Ramp Angle		27.5°	
Departure Angle			30.0°



Overall length 4,956mm



*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. †In off road height and tow eye cover removed.