

TECHNICAL SPECIFICATION 2022
LAND ROVER DISCOVERY



ABOVE & BEYOND



ENGINES

You can select from a choice of diesel or petrol engines, many are fitted with Mild Hybrid technology (market dependent). These engines are designed for clean and efficient combustion and are all equipped with Stop/Start technology and MHEV engines come with smart regenerative charging.

Configure your Land Rover Discovery at landrover.com

POWERTRAIN

Transmission
Driveline
Maximum power (PS / kW / rpm)
Maximum torque (Nm / rpm)
Capacity (cc)
No. of cylinders / valves per cylinder
Cylinder layout
Bore / stroke (mm)
Compression ratio (:1)

FUEL ECONOMY*

Seating		
Consumption	Combined	l/100km (mpg)
CO ₂ Emissions	Combined	g/km
Fuel tank capacity - useable litres		
Diesel Exhaust Fluid (DEF) - useable litres		
Diesel Particulate Filter (DPF)		

PERFORMANCE

Seating
Acceleration (secs) 0-100 km/h (0-60 mph)
Maximum speed km/h (mph)

DIESEL		
D250		
D300		
Automatic		
All Wheel Drive (AWD)		
249 / 183 / 4.000		
600 / 1.250-2.250		
2.997		
6 / 4		
Longitudinal In-Line		
83,0 / 92,31		
15,5		
5 / 7		
7,8		
205		
89		
18		
■		
5 / 7		
8,1 (7,6)		
194 (120)		
Automatic		
All Wheel Drive (AWD)		
300 / 221 / 4.000		
650 / 1.500-2.500		
2.997		
6 / 4		
Longitudinal In-Line		
83,0 / 92,31		
15,5		
5 / 7		
7,8		
205		
89		
18		
■		
5 / 7		
6,9 (6,5)		
209 (130)		

■ Standard.

*The figures provided are NEDC calculated from official manufacturer's tests. Figures may vary according to environment and driving style. For comparison purposes only. Real-world figures may differ.

Some features on images may vary between optional and standard for different model years and due to the impact of Covid-19, many of our images have not been updated to reflect 23MY specifications. Please refer to the car configurator and additionally consult your local Retailer for detailed 23MY specifications and do not base an order on website imagery alone. Jaguar Land Rover Limited is constantly seeking ways to improve the specification, design and production of its vehicles, parts and accessories and alterations take place continually, and we reserve the right to change without notice.

TECHNICAL SPECIFICATION

	DIESEL	
	D250	D300
BRAKES		
Front type	4 piston opposed 2 piece caliper, ventilated disc	4 piston opposed 2 piece caliper, ventilated disc
Front diameter (mm)	363	363
Rear type	Single piston sliding fist with integrated motor-on caliper, ventilated disc	Single piston sliding fist with integrated motor-on caliper, ventilated disc
Rear diameter (mm)	350	350
Park brake	Integrated motor-on caliper	Integrated motor-on caliper
WEIGHTS (kg)*		
Seating	5 / 7	5 / 7
Unladen weight (EU)**	2.315 / 2.367	2.315 / 2.367
Unladen weight (DIN)†	2.240 / 2.292	2.240 / 2.292
Gross Vehicle Weight (GVW)	3.080 / 3.220	3.080 / 3.220
TOWING (kg)		
Seating	5 / 7	5 / 7
Unbraked trailer	750	750
Maximum towing	3.500	3.500 ^{††}
Maximum coupling point (nose weight)‡	350	350
Maximum vehicle and trailer combination	6.580 / 6.720	6.580 / 6.720
ROOF CARRYING (kg)		
Maximum roof load (including cross bars)	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.

††Maximum towing capacity is limited to 2.500kg when the 20" Style 5011, 5 split-spoke, Gloss Sparkle Silver wheel is fitted.

‡When fitted with Electrically Deployable Tow Bar. 195kg with Detachable Tow Bar.

ENGINES

POWERTRAIN

Mild Hybrid Electric Vehicle (MHEV)

Transmission

Driveline

Maximum power (PS / kW / rpm)

Maximum torque (Nm / rpm)

Capacity (cc)

No. of cylinders / valves per cylinder

Cylinder layout

Bore / stroke (mm)

Compression ratio (:1)

FUEL ECONOMY - NEDC EQUIVALENT (NEDC2)*

Seating

NEDC2 Consumption	Urban	l/100km (mpg)
	Extra Urban	l/100km (mpg)
	Combined	l/100km (mpg)

NEDC2 CO ₂ Emissions	Urban	g/km
	Extra Urban	g/km
	Combined	g/km

FUEL ECONOMY - WLTP**

Seating

WLTP Consumption	Low	l/100km (mpg)
	Medium	l/100km (mpg)
	High	l/100km (mpg)
	Extra High	l/100km (mpg)
	Combined	l/100km (mpg)

WLTP CO ₂ Emissions	Low	g/km
	Medium	g/km
	High	g/km
	Extra High	g/km
	Combined	g/km

DIESEL MHEV

D250

■

Automatic

All Wheel Drive (AWD)

249 / 183 / 4.000

570 / 1.250-2.250

2.997

6 / 4

Longitudinal In-Line

83,0 / 92,31

15,5

D300

■

Automatic

All Wheel Drive (AWD)

300 / 221 / 4.000

650 / 1.500-2.500

2.997

6 / 4

Longitudinal In-Line

83,0 / 92,31

15,5

CLASS A

5 / 7

CLASS B

5 / 7

9,1 (31,0) / 9,1 (30,9)	9,2 (30,6) / 9,2 (30,6)
6,3 (44,7) / 6,3 (44,7)	6,4 (44,2) / 6,4 (44,1)
7,3 (38,5) / 7,4 (38,4)	7,4 (38,0) / 7,4 (38,0)
241 / 241	243 / 244
167 / 167	168 / 169
194 / 194	196 / 196

CLASS A

5 / 7

CLASS B

5 / 7

9,1 (31,0) / 9,1 (30,9)	9,2 (30,6) / 9,2 (30,6)
6,3 (44,7) / 6,3 (44,7)	6,4 (44,2) / 6,4 (44,1)
7,3 (38,5) / 7,4 (38,4)	7,4 (38,0) / 7,4 (38,0)
241 / 241	243 / 244
167 / 167	168 / 169
194 / 194	196 / 196

5 / 7

12,5-12,5 (22,6-22,6) / 12,5-12,5 (22,6-22,6)
8,1-8,6 (34,9-32,8) / 8,2-8,8 (34,4-32,1)
6,5-7,1 (43,5-39,8) / 6,6-7,2 (42,8-39,2)
8,2-8,8 (34,4-32,1) / 8,3-8,8 (34,0-32,1)
8,2-8,7 (34,4-32,5) / 8,3-8,8 (34,0-32,1)

5 / 7

12,5-12,5 (22,6-22,6) / 12,5-12,5 (22,6-22,6)
8,1-8,7 (34,9-32,5) / 8,2-8,8 (34,4-32,1)
6,5-7,2 (43,5-39,2) / 6,6-7,3 (42,8-38,7)
8,3-8,8 (34,0-32,1) / 8,3-8,9 (34,0-31,7)
8,3-8,8 (34,0-32,1) / 8,3-8,9 (34,0-31,7)

329-327 / 328-327

211-227 / 214-230

170-187 / 173-189

215-229 / 217-231

216-229 / 218-231

329-327 / 328-327

211-227 / 214-230

171-188 / 174-191

217-231 / 218-233

217-230 / 218-232

■ Standard.

Class A (20-22" wheels)

Class B (19" wheels)

*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 factors such as driving styles, environmental conditions, load, wheel fitment and accessories 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.

**The figures provided are as a result of official manufacturer's tests in accordance with EU legislation. For comparison purposes only. Real-world figures may differ. CO₂ and fuel economy figures may vary according to factors such as driving styles, environmental conditions, load, wheel fitment and accessories fitted.

TECHNICAL SPECIFICATION

FUEL ECONOMY - continued

Fuel tank capacity - useable litres

Diesel Exhaust Fluid (DEF) - useable litres

Diesel Particulate Filter (DPF)

PERFORMANCE

Seating

Acceleration (secs) 0-100 km/h (0-60 mph)

Maximum speed km/h (mph)

BRAKES

Front type

Front diameter (mm)

Rear type

Rear diameter (mm)

Park brake

WEIGHTS (kg)*

Seating

Unladen weight (EU)**

Unladen weight (DIN)†

Gross Vehicle Weight (GVW)

TOWING (kg)

Seating

Unbraked trailer

Maximum towing

Maximum coupling point (nose weight)††

Maximum vehicle and trailer combination

ROOF CARRYING (kg)

Maximum roof load (including cross bars)

	DIESEL MHEV	
	D250	D300
	89	89
	18	18
	■	■
	5 / 7	5 / 7
	8,1 (7,6)	6,8 (6,5)
	194 (120)	209 (130)
	4 piston opposed 2 piece caliper, ventilated disc	4 piston opposed 2 piece caliper, ventilated disc
	363	363
	Single piston sliding fist with integrated motor-on caliper, ventilated disc	Single piston sliding fist with integrated motor-on caliper, ventilated disc
	350	350
	Integrated motor-on caliper	Integrated motor-on caliper
	5 / 7	5 / 7
	2.386 / 2.437	2.386 / 2.437
	2.311 / 2.362	2.311 / 2.362
	3.080 / 3.260	3.080 / 3.260
	5 / 7	5 / 7
	750	750
	3.500	3.500
	350	350
	6.580 / 6.760	6.580 / 6.760
	80	80

■ Standard.

*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.

ENGINES

POWERTRAIN

Mild Hybrid Electric Vehicle (MHEV)

Transmission

Driveline

Maximum power (PS / kW / rpm)

Maximum torque (Nm / rpm)

Capacity (cc)

No. of cylinders / valves per cylinder

Cylinder layout

Bore / stroke (mm)

Compression ratio (:1)

FUEL ECONOMY - NEDC EQUIVALENT (NEDC2)*

Seating

NEDC2 Consumption	Urban	l/100km (mpg)
	Extra Urban	l/100km (mpg)
	Combined	l/100km (mpg)

NEDC2 CO ₂ Emissions	Urban	g/km
	Extra Urban	g/km
	Combined	g/km

FUEL ECONOMY - WLTP**

Seating

WLTP Consumption	Low	l/100km (mpg)
	Medium	l/100km (mpg)
	High	l/100km (mpg)
	Extra High	l/100km (mpg)
	Combined	l/100km (mpg)

WLTP CO ₂ Emissions	Low	g/km
	Medium	g/km
	High	g/km
	Extra High	g/km
	Combined	g/km

		PETROL		PETROL MHEV	
		P300		P360	
		-		■	
		Automatic		Automatic	
		All Wheel Drive (AWD)		All Wheel Drive (AWD)	
		300 / 221 / 5.500		360 / 265 / 5.500-6.500	
		400 / 1.500-4.500		500 / 1.750-5.000	
		1.997		2.996	
		4 / 4		6 / 4	
		Longitudinal In-Line		Longitudinal In-Line	
		83,0 / 92,29		83,0 / 92,29	
		9,5+ / -0,5		10,5	
		CLASS A	CLASS B	CLASS A	CLASS B
		5 / 7		5 / 7	
		-	-	12,1 (23,3) / 12,1 (23,3)	12,2 (23,1) / 12,2 (23,1)
		-	-	7,6 (37,1) / 7,6 (37,0)	7,7 (36,9) / 7,7 (36,9)
		-	-	9,3 (30,5) / 9,3 (30,5)	9,3 (30,3) / 9,3 (30,3)
		-	-	275 / 275	278 / 278
		-	-	173 / 173	174 / 174
		-	-	210 / 210	212 / 212
		5 / 7		5 / 7	
		13,6-15,5 (20,8-18,2) / 13,9-15,9 (20,3-17,8)		14,7-15,2 (19,2-18,6) / 14,8-15,4 (19,1-18,3)	
		10,0-10,8 (28,2-26,2) / 10,2-11,0 (27,7-25,7)		10,2-11,1 (27,7-25,4) / 10,4-11,3 (27,2-25,0)	
		8,7-9,5 (32,5-29,7) / 8,8-9,6 (32,1-29,4)		8,9-9,4 (31,7-30,1) / 9,0-9,5 (31,4-29,7)	
		10,3-11,3 (27,4-25,0) / 10,4-11,4 (27,2-24,8)		10,4-11,2 (27,2-25,2) / 10,5-11,3 (26,9-25,0)	
		10,2-11,2 (27,7-25,2) / 10,3-11,4 (27,4-24,8)		10,5-11,2 (26,9-25,2) / 10,6-11,3 (26,6-25,0)	
		307-352 / 315-360		330-344 / 333-347	
		227-246 / 230-249		230-251 / 234-255	
		198-216 / 200-218		201-212 / 202-214	
		233-255 / 235-258		235-252 / 237-254	
		231-254 / 234-258		236-252 / 238-254	

■ Standard - Not Available.

Class A (17", 18" and 20" wheels)

Class B (19" and 21" wheels)

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For comparison purposes only. Real-world figures may differ. CO₂ and fuel economy figures may vary according to factors such as driving styles, environmental conditions, load, wheel fitment and accessories fitted.

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**The figures provided are as a result of official manufacturer's tests in accordance with EU legislation. For comparison purposes only. Real-world figures may differ. CO₂ and fuel economy figures may vary according to factors such as driving styles, environmental conditions, load, wheel fitment and accessories fitted.

TECHNICAL SPECIFICATION

	PETROL	PETROL MHEV
	P300	P360
FUEL ECONOMY - continued		
Fuel tank capacity - useable litres	90	90
Gasoline Particulate Filter (GPF)	-	-
PERFORMANCE		
Seating	5 / 7	5 / 7
Acceleration (secs) 0-100 km/h (0-60 mph)	7,3 (6,9)	6,5 (6,2)
Maximum speed km/h (mph)	201 (125)	209 (130)
BRAKES		
Front type	4 piston opposed 2 piece caliper, ventilated disc	6 piston opposed monobloc caliper, ventilated disc
Front diameter (mm)	363	380
Rear type	Single piston sliding fist with integrated motor-on caliper, ventilated disc	Single piston sliding fist with integrated motor-on caliper, ventilated disc
Rear diameter (mm)	350	365
Park brake	Integrated motor-on caliper	Integrated motor-on caliper
WEIGHTS (kg)*		
Seating	5 / 7	5 / 7
Unladen weight (EU)**	2.223 / 2.274	2.366 / 2.417
Unladen weight (DIN)†	2.148 / 2.199	2.291 / 2.342
Gross Vehicle Weight (GVW)	2.940 / 3.120	3.020 / 3.210
TOWING (kg)		
Seating	5 / 7	5 / 7
Unbraked trailer	750	750
Maximum towing	2.700	3.500
Maximum coupling point (nose weight)††	350	350
Maximum vehicle and trailer combination	5.640 / 5.820	6.520 / 6.710
ROOF CARRYING (kg)		
Maximum roof load (including cross bars)	80	80

- Not Available.

*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.

DIMENSIONS AND CAPABILITIES

STANDARD RIDE HEIGHT

Maximum height 1.888mm (Air suspension)
 Access height air suspension setting will reduce the above by 40mm

OFF-ROAD RIDE HEIGHT

Maximum height 1.964mm (Air suspension)

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 950mm
 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
 5 seats / 7 seats
 Dry 2.061 / 1.997 litres**, Wet 2.485 / 2.391 litres†
 Maximum loadspace volume behind second row
 5 seats / 7 seats
 Dry 986 / 922 litres**, Wet 1.231 / 1.137 litres†
 Maximum loadspace volume behind third row
 Dry 172 litres**, Wet 258 litres†

OBSTACLE CLEARANCE

Standard (Air suspension) 207mm
 Off-road (Air suspension) 283mm

TURNING CIRCLE

Kerb-to-kerb 12,41m
 Wall-to-wall 12,84m
 Turns lock-to-lock 2,7

WADING DEPTH††

Maximum wading depth
 Air suspension 900mm

Width 2.073mm mirrors folded
 Width 2.220mm mirrors out

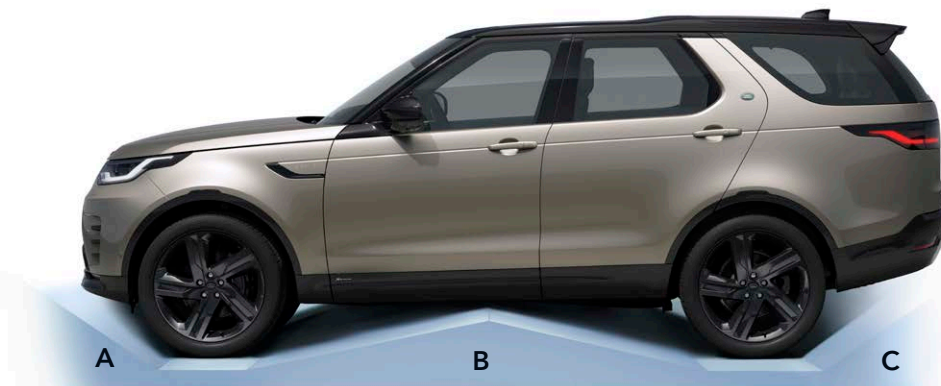


Front wheel track
 Air suspension 1.692,4mm

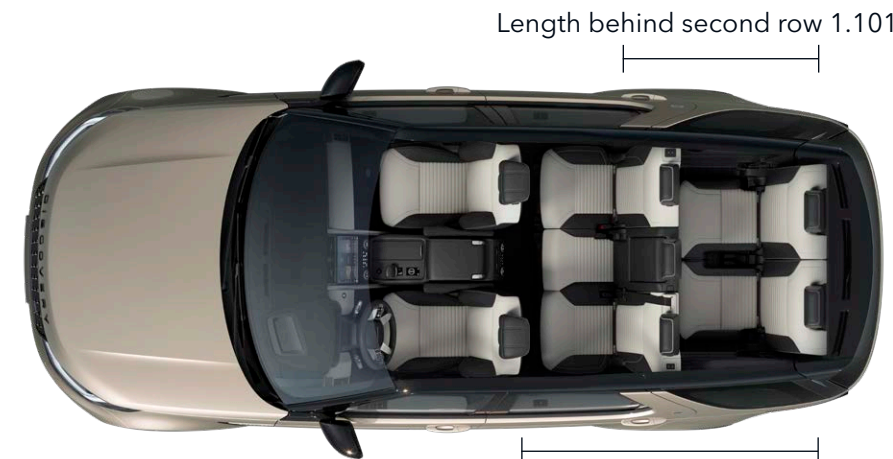
Height
 Air
 suspension
 1.888mm



Rear wheel track
 Air suspension 1.686,6mm



	A	B	C
Ride Height			
Approach Angle	26,0°	21,2°	24,8°
Ramp Angle		27,5°	
Departure Angle			30,0°
Standard - Air			
Off-road† - Air			



Length behind second row 1.101mm

Loadspace
 width
 1.411mm*

Length behind first row 1.954mm



Wheelbase 2.923mm



Overall length 4.956mm

*Loadspace width will be 1.273mm 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. †In off-road height and tow eye cover removed.