

TECHNICAL SPECIFICATION 2024

DISCOVERY



# ENGINES AND TECHNICAL SPECIFICATION

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.

---

1

## ENGINES

View the available engines, their fuel economy and specifications.

---

2

## DIMENSIONS AND CAPABILITIES

View the ride height, turning circle and other capability specifications.

---

ENGINES

ENGINE	PETROL MHEV	PETROL
	P360	P300
Mild Hybrid Electric Vehicle (MHEV)	■	-
Transmission	Automatic	Automatic
Driveline	All Wheel Drive (AWD)	All Wheel Drive (AWD)
Maximum power (PS / kW / rpm)	360 / 265 / 5.500-6.500	300 / 221 / 5.500
Maximum torque (Nm / rpm)	500 / 1.750-5.000	400 / 1.500-4.500
Capacity (cc)	2.996	1.997
No. of cylinders / valves per cylinder	6 / 4	4 / 4
Cylinder layout	Longitudinal In-Line	Longitudinal In-Line
Bore / stroke (mm)	83,0 / 92,3	83,0 / 92,3
Compression ratio (:1)	10,5	9,5
Fuel tank capacity - useable litres	90	90
Gasoline Particulate Filter (GPF)	-	-

■ Standard – Not Available.

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 25MY specifications. Please refer to the car configurator and additionally consult your local Retailer for detailed 25MY 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

	PETROL MHEV	PETROL
PERFORMANCE	P360	P300
Seating	5 / 7	5 / 7
Acceleration (secs) 0-100 km/h (0-60 mph)	6,5 (6,2)	7,3 (6,9)
Maximum speed km/h (mph)	209 (130)	201 (125)
BRAKES		
Front type	6 piston opposed monobloc caliper, ventilated disc	4 piston opposed 2 piece caliper, ventilated disc
Front diameter (mm)	380	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)	365	350
Park brake	Integrated motor-on caliper	Integrated motor-on caliper
WEIGHTS (kg)*		
Seating	5 / 7	5 / 7
Unladen weight (EU)**	2.359 / 2.410	2.223 / 2.274
Unladen weight (DIN)†	2.284 / 2.335	2.148 / 2.199
Gross Vehicle Weight (GVW)	3.020 / 3.210	2.940 / 3.120
TOWING (kg)		
Seating	5 / 7	5 / 7
Unbraked trailer	750	750
Maximum towing	3.500	2.700
Maximum coupling point (nose weight)††	350	350
Maximum vehicle and trailer combination	6.520 / 6.710	5.640 / 5.820
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. ††When fitted with Electrically Deployable Tow Bar. 195kg with Detachable Tow Bar.



ENGINES

			DIESEL MHEV		
ENGINE			D350		D250
Mild Hybrid Electric Vehicle (MHEV)			■		■
Transmission			Automatic		Automatic
Driveline			All Wheel Drive (AWD)		All Wheel Drive (AWD)
Maximum power (PS / kW / rpm)			350 / 257 / 4.000		249 / 183 / 4.000
Maximum torque (Nm / rpm)			700 / 1.500-3.000		570 / 1.250-2.250
Capacity (cc)			2.997		2.997
No. of cylinders / valves per cylinder			6 / 4		6 / 4
Cylinder layout			Longitudinal In-Line		Longitudinal In-Line
Bore / stroke (mm)			83,0 / 92,3		83,0 / 92,3
Compression ratio (:1)			15,5		15,5
Fuel tank capacity - useable litres			89		89
FUEL ECONOMY – WLTP*					
Seating			5 / 7		5 / 7
WLTP Consumption	Low	l/100km (mpg)	12,4-12,6 (22,7-22,4) / 12,5-12,7 (22,7-22,3)		12,4-12,6 (22,7-22,4) / 12,5-12,7 (22,7-22,3)
	Medium	l/100km (mpg)	7,3-8,0 (38,5-35,5) / 7,5-8,1 (37,8-34,8)		7,3-7,9 (38,6-35,5) / 7,5-8,1 (37,9-34,9)
	High	l/100km (mpg)	6,4-7,0 (43,9-40,4) / 6,5-7,1 (43,3-39,8)		6,4-7,0 (44,1-40,6) / 6,5-7,1 (43,5-40,0)
	Extra High	l/100km (mpg)	8,0-8,6 (35,1-32,8) / 8,1-8,6 (35,0-32,8)		8,0-8,5 (35,4-33,1) / 8,1-8,6 (35,1-32,8)
	Combined	l/100km (mpg)	8,0-8,5 (35,4-33,2) / 8,0-8,7 (35,3-32,5)		7,9-8,5 (35,5-33,4) / 8,0-8,6 (35,1-33,0)
WLTP CO <sub>2</sub> Emissions	Low	g/km	326-331 / 327-332		326-331 / 327-332
	Medium	g/km	192-208 / 196-212		192-208 / 195-212
	High	g/km	169-183 / 171-186		168-182 / 170-185
	Extra High	g/km	211-225 / 213-227		209-224 / 211-226
	Combined	g/km	209-223 / 212-225		208-222 / 211-225

■ Standard.

\*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. CO<sub>2</sub> and fuel economy figures may vary according to factors such as driving styles, environmental conditions, load, wheel fitment and accessories fitted.

TECHNICAL SPECIFICATION

	DIESEL MHEV	
PERFORMANCE	D350	D250
Seating	5 / 7	5 / 7
Acceleration (secs) 0-100 km/h (0-60 mph)	6,3 (5,9)	8,1 (7,6)
Maximum speed km/h (mph)	209 (130)	194 (120)
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)**	2.391 / 2.442	2.321 / 2.372
Unladen weight (DIN)†	2.316 / 2.367	2.246 / 2.297
Gross Vehicle Weight (GVW)	3.080 / 3.245	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 / 6.745	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. ††When fitted with Electrically Deployable Tow Bar. 195kg with Detachable Tow Bar.

ENGINES

			DIESEL		
ENGINE			D350		D250
Transmission			Automatic		Automatic
Driveline			All Wheel Drive (AWD)		All Wheel Drive (AWD)
Maximum power (PS / kW / rpm)			350 / 257 / 4.000		249 / 183 / 4.000
Maximum torque (Nm / rpm)			700 / 1.500-3.000		600 / 1.250-2.250
Capacity (cc)			2.997		2.997
No. of cylinders / valves per cylinder			6 / 4		6 / 4
Cylinder layout			Longitudinal In-Line		Longitudinal In-Line
Bore / stroke (mm)			83,0 / 92,3		83,0 / 92,3
Compression ratio (:1)			15,5		15,5
Fuel tank capacity - useable litres			89		89
Diesel Exhaust Fluid (DEF) - useable litres			18		18
Diesel Particulate Filter (DPF)			■		■
FUEL ECONOMY*					
Seating			5 / 7		5 / 7
Consumption	Combined	l/100km	7,8		7,8
CO <sub>2</sub> Emissions	Combined	g/km	205		205

■ 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.

TECHNICAL SPECIFICATION

	DIESEL	
PERFORMANCE	D350	D250
Seating	5 / 7	5 / 7
Acceleration (secs) 0-100 km/h (0-60 mph)	6,3 (5,9)	8,1 (7,6)
Maximum speed km/h (mph)	209 (130)	194 (120)
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)**	2.391 / 2.442	2.391 / 2.442
Unladen weight (DIN)†	2.316 / 2.367	2.316 / 2.367
Gross Vehicle Weight (GVW)	3.080 / 3.245	3.080 / 3.245
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 / 6.745	6.580 / 6.745
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.  
††When fitted with Electrically Deployable Tow Bar. 195kg with Detachable Tow Bar.



DIMENSIONS AND CAPABILITIES

DIMENSIONS
Access height air suspension setting will reduce the above by 40mm
Maximum height 1.888mm
Overall length 4.956mm
Width 2.073mm mirrors folded
Width 2.220mm mirrors out
Front wheel track 1.692,4mm
Rear wheel track 1.686,6mm
Wheelbase 2.923mm
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
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
APPROACH AND DEPARTURE CLEARANCE
Standard - Air
Approach Angle - 26,0°
Departure Angle - 24,8°
Ramp Angle - 21,2°
Off-Road+ - Air
Approach Angle - 33,6°
Departure Angle - 30,0°
Ramp Angle - 27,5°



Maximum height 1.888mm



Overall length 4.956mm



Rear wheel track 1.686,6mm

Weights and dimensions shown apply to standard-specification, unladen vehicles, which may be affected by optional features and equipment.

\*Wading depth (25 deg entry and exit) 750mm, deep fording depth (9 deg entry and exit) 900mm. \*\*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. †In off-road height and tow eye cover removed.