

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

| | | | DIESEL MHEV |
|--|--|--|-----------------------|
| | | | D350 |
| ENGINE | | | ■ |
| Mild Hybrid Electric Vehicle (MHEV) | | | |
| Transmission | | | Automatic |
| Driveline | | | All Wheel Drive (AWD) |
| Maximum power (HP / rpm) | | | 350 / 4,000 |
| Maximum torque (Nm / rpm) | | | 700 / 1,500-3,000 |
| Capacity (cc) | | | 2,997 |
| No. of cylinders / valves per cylinder | | | 6 / 4 |
| Cylinder layout | | | Longitudinal In-Line |
| Bore / stroke (mm) | | | 83.0 / 92.3 |
| Compression ratio (:1) | | | 15.5 |
| Fuel tank capacity - useable litres | | | 89 |
| FUEL ECONOMY – WLTP* | | | |
| Seating | | | 7 |
| Low | | | 22.6-22.2 (12.5-12.7) |
| Medium | | | 37.7-34.9 (7.5-8.1) |
| High | | | 42.8-39.8 (6.6-7.1) |
| Extra High | | | 34.4-32.5 (8.2-8.7) |
| Combined | | | 34.9-32.8 (8.1-8.6) |
| Low | | | 327-332 |
| Medium | | | 197-212 |
| High | | | 172-186 |
| Extra High | | | 214-227 |
| Combined | | | 213-225 |

■ 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. CO₂ and fuel economy figures may vary according to factors such as driving styles, environmental conditions, load, wheel fitment and accessories fitted.

ENGINES

| | DIESEL MHEV |
|---|--|
| | D350 |
| PERFORMANCE | |
| Seating | 7 |
| Acceleration (secs) 0-60 mph (0-100 km/h) | 5.9 (6.3) |
| Maximum speed mph (km/h) | 130 (209) |
| BRAKES | |
| Front type | 6 piston opposed monobloc caliper, ventilated disc |
| Front diameter (mm) | 380 |
| Rear type | Single piston sliding fist with integrated motor-on caliper, ventilated disc |
| Rear diameter (mm) | 365 |
| Park brake | Integrated motor-on caliper |
| WEIGHTS (kg)* | |
| Unladen weight (EU)** | 2,442 |
| Unladen weight (DIN)† | 2,367 |
| Gross Vehicle Weight (GVW) | 3,245 |
| TOWING (kg) | |
| Unbraked trailer | 750 |
| Maximum towing | 3,500 |
| Maximum coupling point (nose weight)†† | 350 |
| Maximum vehicle and trailer combination | 6,745 |
| ROOF CARRYING (kg) | |
| Maximum roof load (including cross bars) | 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

7 seats

Dry 1,997 litres[†]

Wet 2,391 litres^{††}

Maximum loadspace volume behind second row

7 seats

Dry 922 litres[†]

Wet 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) 285mm

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

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



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.

TECHNICAL SPECIFICATION DISCOVERY COMMERCIAL

| | | | DIESEL MHEV |
|--------------------------------------|------------|---------------|---------------------------|
| | | | D350 |
| POWERTRAIN | | | ■ |
| Mild Hybrid Electric Vehicle (MHEV) | | | |
| Transmission | | | Automatic |
| Driveline | | | All Wheel Drive (AWD) |
| Maximum power (HP/kW/rpm) | | | 350 / 4,000 |
| Maximum torque (Nm/rpm) | | | 700 / 1,500-3,000 |
| Capacity (cc) | | | 2,997 |
| No. of cylinders/valves per cylinder | | | 6 / 4 |
| Cylinder layout | | | Longitudinal In-Line |
| Bore/stroke (mm) | | | 83.0 / 92.3 |
| Compression ratio (:1) | | | 15.5 |
| FUEL ECONOMY – WLTP* | | | |
| Seating | | | 2 |
| WLTP Consumption | Low | mpg (l/100km) | 22.6 - 22.4 (12.5 - 12.6) |
| | Medium | mpg (l/100km) | 36.7 - 35.3 (7.7 - 8.0) |
| | High | mpg (l/100km) | 42.2 - 40.4 (6.7 - 7.0) |
| | Extra High | mpg (l/100km) | 33.6 - 32.8 (8.4 - 8.6) |
| | Combined | mpg (l/100km) | 34.0 - 33.2 (8.3 - 8.5) |
| WLTP CO ₂ Emissions | Low | g/km | 328 - 331 |
| | Medium | g/km | 201 - 209 |
| | High | g/km | 176 - 183 |
| | Extra High | g/km | 220 - 226 |
| | Combined | g/km | 217 - 223 |

■ 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. CO₂ and fuel economy figures may vary according to factors such as driving styles, environmental conditions, load, wheel fitment and accessories fitted. 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 DISCOVERY COMMERCIAL

| | DIESEL MHEV |
|---|--|
| | D350 |
| FUEL ECONOMY – CONTINUED | |
| Fuel tank capacity - useable litres | 89 |
| Diesel Exhaust Fluid (DEF) - useable litres | 18 |
| Diesel Particulate Filter (DPF) | ■ |
| PERFORMANCE | |
| Acceleration (secs) 0-60mph (0-100 km/h) | 5.9 (6.3) |
| Maximum speed mph (km/h) | 130 (209) |
| BRAKES | |
| Front type | 6 piston opposed monobloc caliper, ventilated disc |
| Front diameter (mm) | 380 |
| Rear type | Single piston sliding fist with integrated motor-on caliper, ventilated disc |
| Rear diameter (mm) | 365 |
| Park brake | Integrated motor-on caliper |
| WEIGHTS (kg)* | |
| Unladen weight (EU)** | 2,433 |
| Unladen weight (DIN)† | 2,358 |
| Gross Vehicle Weight (GVW) | 3,190 |
| TOWING (kg)* | |
| Unbraked trailer | 750 |
| Maximum towing†† | 3,500 |
| Maximum coupling point (nose weight)‡ | 150 |
| Maximum vehicle and trailer combination | 6,690 |
| ROOF CARRYING (kg) | |
| Maximum roof load (including cross bars) | 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. ††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. Maximum coupling point is limited to 100kg when the 20" Style 5011 wheel is fitted.

TECHNICAL SPECIFICATION DISCOVERY COMMERCIAL

| | |
|--|---------------|
| HEADROOM | |
| Maximum front headroom (mm) | 1,001 |
| LEGRoom | |
| Maximum front legroom (mm) | 993 |
| LOADSPACE CAPACITY | |
| Height (mm) | 902 |
| Width (mm) | 1,411 |
| Width between arches (mm) | 1,200 |
| Length behind partition (mm) | 1,638 |
| Maximum loadspace volume behind partition Dry / Wet (litres) | 1,700 / 2,024 |
| TURNING CIRCLE | |
| Kerb-to-Kerb (m) | 12.41 |
| Wall-to-wall (m) | 12.84 |
| Turns lock-to-lock (no. of turns) | 2.7 |
| WADING DEPTH | |
| Maximum wading depth - Coil suspension / Air suspension (mm) | 900 |
| DIMENSIONS | |
| Height (mm) | 1,888 |
| Length (mm) | 4,956 |
| Width with mirrors folded (mm) | 2,073 |
| Width with mirrors out (mm) | 2,220 |
| Front wheel track (mm) | 1,692.4 |
| Rear wheel track (mm) | 1,686.6 |
| Wheelbase (mm) | 2,923 |
| GROUND CLEARANCE | |
| Ground Clearance (mm) Standard / Off Road | 207 / 285 |
| Approach Angle (°) Standard / Off Road | 26.0 / 33.6 |
| Ramp Angle (°) Standard / Off Road | 21.2 / 27.5 |
| Departure Angle (°) Standard / Off Road | 24.8 / 30.0 |

