

| 2024 MODEL YEAR RANGE ROVER VELAR TECHNICAL SPECIFICATIONS                    | D200 MHEV AWD Auto (Diesel)  | D300 MHEV AWD Auto (Diesel)  | P250 AWD Auto (Petrol)   | P340 MHEV AWD Auto (Petrol)  | P400 MHEV AWD Auto (Petrol)  | P400e PHEV AWD Auto (Petrol)  |
|---|--|--|--|--|--|---|
| Engine type   | Inline 4-cylinder diesel, 16 valve, electronic control, direct injection   | Inline 6-cylinder diesel, 24 valve, electronic control, direct injection | Inline 4-cylinder petrol, 16 valve, electronic control, direct injection | Inline 6-cylinder petrol, 24 valve, electronic control, direct injection | Inline 6-cylinder petrol, 24 valve, electronic control, direct injection | Inline 4-cylinder, 16 valve, electronic control, direct injection               |
| Displacement (cc)   | 1,997  | 2,996  | 1,997  | 2,995  | 2,995  | 1,997   |
| Bore / Stroke (mm)  | 83 x 92.3  | 83 x 92.3  | 83 x 92.3  | 83 x 92.3  | 83 x 92.3  | 83 x 92.3   |
| Compression ratio (:1)  | 16.5   | 15.5   | 10.5   | 10.5   | 10.5   | 9.5   |
| Electric motor type   | Claw pole motor;<br>48v Belt-integrated Starter Generator (BiSG)   | Claw pole motor;<br>48v Belt-integrated Starter Generator (BiSG)         | n/a  | Claw pole motor;<br>48v Belt-integrated Starter Generator (BiSG)         | Claw pole motor;<br>48v Belt-integrated Starter Generator (BiSG)         | Belt-integrated Starter Generator (BiSG) inverter and Electric Drive Unit (EDU) |
| Max Power   | 204PS (150kW) @ 3,750-4,000rpm   | 300PS (221kW) @ 4,000rpm   | 250PS (184kW) @ 5,500rpm   | 340PS (250kW) @ 5,500-6,500rpm   | 400PS (294kW) @ 5,500-6,500rpm   | 404PS (297kW) @ 5,500rpm  |
| Max Torque  | 430Nm (317lb ft) @ 1,750-2,500rpm  | 650Nm (479lb ft) @ 1,500-2,500rpm  | 365Nm (269lb ft) @ 1,300-4,500rpm  | 480Nm (354lb ft) @ 1,500-4,500rpm  | 550Nm (406lb ft) @ 2,000-5,000rpm  | 640Nm (472lb ft) @ 1,500-4,400rpm   |
| Euro standard   | EU6dF+   | EU6dF+   | EU6dF+   | EU6dF+   | EU6dF+   | EU6dF+  |
| Transmission  | 8-speed automatic  | 8-speed automatic  | 8-speed automatic  | 8-speed automatic  | 8-speed automatic  | 8-speed automatic   |
| 1st   | 5.250  | 5.500  | 4.714  | 5.500  | 5.500  | 4.714   |
| 2nd   | 3.360  | 3.520  | 3.143  | 3.520  | 3.520  | 3.143   |
| 3rd   | 2.172  | 2.200  | 2.106  | 2.200  | 2.200  | 2.106   |
| 4th   | 1.720  | 1.720  | 1.667  | 1.720  | 1.720  | 1.667   |
| 5th   | 1.316  | 1.317  | 1.285  | 1.317  | 1.317  | 1.285   |
| 6th   | 1.000  | 1.000  | 1.000  | 1.000  | 1.000  | 1.000   |
| 7th   | 0.822  | 0.823  | 0.839  | 0.823  | 0.823  | 0.839   |
| 8th   | 0.640  | 0.640  | 0.667  | 0.640  | 0.640  | 0.667   |
| Reverse (-)   | -3.712   | -3.993   | -3.295   | -3.993   | -3.993   | -3.317  |
| Final drive ratio   | 3.23   | 3.23   | 3.73   | 3.73   | 3.73   | 3.73  |
| Fuel tank capacity (usable) (litres)  | 62   | 68   | 83   | 83   | 83   | 69  |
| AdBlue tank capacity (litres)   | 17   | n/a  | n/a  | n/a  | n/a  | n/a   |
| Front brakes diameter (ventilated discs) (mm)                                 | 350  | 370  | 350  | 370  | 370  | 370   |
| Rear brakes diameter (ventilated discs) (mm)                                  | 325  | 325  | 325  | 325  | 325  | 325   |
| All-wheel drive system  | Torque on-demand all-wheel drive with Intelligent Driveline Dynamics & Terrain Response, optional locking rear axle differential |  |  |  |  |   |
| Steering  | Electric Power Assisted Steering (EPAS) rack and pinion; variable ratio  |  |  |  |  |   |
| Front suspension  | Double wishbone suspension, air or coil springs, continuously-variable dampers, passive anti-roll bar                            |  |  |  |  |   |
| Rear suspension   | Integral Link suspension with air or coil springs, continuously-variable dampers, passive anti-roll bar                          |  |  |  |  |   |
| <b>EXTERIOR DIMENSIONS</b>  |  |  |  |  |  |   |
| Overall length (mm)   | 4,797  |  |  |  |  |   |
| Overall height - maximum (mm)   | 1,683 (coil) / 1,678 (air)   |  |  |  |  |   |
| Overall width (mirrors folded) (mm)   | 2,041  |  |  |  |  |   |
| Overall width (mirrors unfolded) (mm)   | 2,147  |  |  |  |  |   |
| Wheelbase (mm)  | 2,874  |  |  |  |  |   |
| Front overhang (mm)   | 834  |  |  |  |  |   |
| Rear overhang (mm)  | 1,089  |  |  |  |  |   |
| Front track (mm)  | 1,640 (coil suspension) 1,644 (air suspension)   |  |  |  |  |   |
| Rear track (mm)   | 1,657 (coil suspension) 1,663 (air suspension)   |  |  |  |  |   |
| Turning circle - kerb-to-kerb (m)   | 11.94  |  |  |  |  |   |
| Turning circle - lock-to-lock   | 2.52   |  |  |  |  |   |
| Drag coefficient - from (Cd)  | 0.32   | 0.33   | 0.32   | 0.33   | 0.33   | 0.33  |
| <b>INTERIOR DIMENSIONS</b>  |  |  |  |  |  |   |
| Headroom (with panoramic roof) (mm)   | 970 (front) / 966 (rear)   |  |  |  |  |   |
| Legroom (mm)  | 1,023 (front) / 944 (rear)   |  |  |  |  |   |
| Luggage capacity (rear seats upright) (litres)*                               | 748 (max volume, non PHEV models) / 625 (PHEV)   |  |  |  |  |   |
| Luggage capacity (rear seats forward) (litres)*                               | 1811 (max volume, non PHEV models) / 1,693 (PHEV)  |  |  |  |  |   |
| Loadspace max width (mm)  | 1,245  |  |  |  |  |   |
| <b>ALL-TERRAIN CAPABILITY</b> (i) Off-road height / (ii) Standard ride height |  |  |  |  |  |   |
| Approach angle (deg)  | (i) 25.0 (coil suspension) / 27.5 (air suspension) / (ii) 23.6 (coil suspension) / 22.5 (air suspension)                         |  |  |  |  | (i) 25.0 / (ii) 23.6 (coil suspension)  |
| Departure angle (deg)   | (i) 27.0 (coil suspension) / 29.5 (air suspension) / (ii) 25.0 (coil suspension) / 24.8 (air suspension)                         |  |  |  |  | (i) 27.0 / (ii) 25.0 (coil suspension)  |
| Ramp breakover angle (deg)  | (i) 22.0 (coil suspension) / 23.5 (air suspension) / (ii) 18.3 (air suspension) / (ii) 19.1 (coil suspension)                    |  |  |  |  | (i) 21.0 / (ii) 19.1 (coil suspension)  |
| Maximum wading depth (mm)   | 530 (coil suspension) / 580 (air suspension)   |  |  |  |  |   |
| Ground clearance (mm)   | (i) 213 (coil suspension) / 251 (air suspension) / (ii) 214 (coil suspension) / 205 (air suspension)                             |  |  |  |  | (i) 213 / (ii) 214 (coil suspension)  |
| <b>WEIGHT / TOWING</b>  |  |  |  |  |  |   |
| Weight unladen DIN (kg)   | 1,928  | 2,049  | 1,875  | 2,010  | 2,010  | 2,205   |
| Weight unladen EU (kg)  | 2,003  | 2,124  | 1,950  | 2,085  | 2,085  | 2,280   |
| Maximum towable mass (braked) (kg)  | 2,400  | 2,500  | 2,400  | 2,500  | 2,500  | 2,000   |
| Maximum towable mass (unbraked) (kg)  | 750  | 750  | 750  | 750  | 750  | 750   |
| <b>PERFORMANCE</b>  |  |  |  |  |  |   |
| 0-60mph (0-96km/h) (secs)   | 7.8  | 6.1  | 7.1  | 6.0  | 5.2  | 5.1   |
| 0-62mph (0-100km/h) (secs)  | 8.3  | 6.5  | 7.5  | 6.3  | 5.5  | 5.4   |
| 50-75mph (80-120km/h) (secs)  | 6.1  | 4.5  | 5.2  | 4.1  | 3.3  | 3.4   |
| Top speed mph (km/h) Δ  | 130 (210)  | 143 (230)  | 135 (217)  | 149 (240)  | 155 (250)  | 130 (209)   |
| Fuel consumption WLTP combined (TEL-TEH) l/100km (mpg)‡                       | 6.4 (44.1) - 7.0 (40.4)  | 7.2 (39.2) - 7.7 (36.7)  | 9.3 (30.4) - 9.9 (28.5)  | TBC  | 9.6 (29.4) - 10.2 (27.7)   | 1.6 (176.6) - 1.9 (148.7)   |
| CO2 emissions WLTP combined (TEL-TEH) (g/km)‡                                 | 168 - 183  | 188 - 202  | 211 - 226  | TBC  | 219 - 232  | 38 - 43   |
| EU - WLTP Electric-Only Range Combined eAER TEL miles (km)‡                   | n/a  | n/a  | n/a  | n/a  | n/a  | 40 (64)   |

1) ‡WLTP is the official EU test used to calculate standardised fuel consumption and CO2 figures for passenger cars. It measures fuel, energy consumption, range and emissions. 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, fuel economy, energy consumption and range figures may vary according to factors such as driving styles, environmental conditions, load, wheel fitment and accessories fitted.

2) \*Volume as measured by simulating the loadspace filled with liquid. Volume measured up to the headliner. Boot configuration and total loadspace will vary depending on model, engine and if full size spare or space saver spare wheel is fitted.

3) ΔTop speed on D300, P340 and P400 engines with coil suspension is 210km/h /130mph.

4) Please check with your local market for features, model range and engine availability as they vary by market 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.

5) 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.

6) Jaguar Land Rover is constantly seeking ways to improve the specification, design and production of its vehicles, parts and accessories and alterations take place continually. Whilst every effort is made to produce up-to-date literature, this document should not be regarded as an infallible guide to current specifications or availability, nor does it constitute an offer for the sale of any particular vehicle, part or accessory. All figures are manufacturer's estimates.