

TECHNICAL SPECIFICATION

The Range Rover is available with a choice of two engines and four models: TDV8 Vogue, TDV8 Vogue SE, TDV8 Autobiography or Supercharged Autobiography. Please refer to the price list or the website for details of the feature level for each of these derivatives. All Range Rovers have leather interiors which are available in Oxford or luxurious Semi-Aniline Autobiography leather.

ENGINE SPECIFICATION

ENGINE DATA	TDV8	V8 SUPERCHARGED
Capacity	3,628	5,000
No. of cylinders	8	8
Cylinder layout	Longitudinal V8	Longitudinal V8
Bore (mm)	81	92.5
Stroke (mm)	88	93
Compression ratio (:1)	17.3 (+/-0.5)	9.5 (+/-0.5)
Cylinder head material	Aluminium	Aluminium
Cylinder block material	Compacted Graphite Iron	Aluminium
Ignition system	Siemens PCR 2.4	Denso pan PAG EMS Generation 1.6
Valves per cylinder	4	4
Maximum power kW (PS) @ rpm	200 (271) @ 4,000	375 (510) @ 6,000 - 6,500
Maximum torque Nm @ rpm	640/2,000	625/2,500-5,500

The new all-V8 Range Rover line-up. The new LR-V8 Supercharged Petrol Engine is introduced to complement the economy and refinement of the acclaimed LR-TDV8 Diesel Engine. The new Supercharged engine delivers a power output of 510PS and 625Nm of torque. All Range Rover engines have 32 valves and are coupled to a six-speed automatic transmission with COMMANDSHIFT®. The LR-TDV8 Diesel engine has been designed specifically for The Range Rover and delivers 271PS and 640Nm of torque and unparalleled levels of refinement. This is achieved with an ideal 90 degree angle between rows of cylinders, a block of compacted graphite iron, a two-stage injection process (pressurised to 1,700 Bar) with pilot ignition to remove diesel knock and to improve efficiency and emissions.

TRANSMISSION DATA	TDV8	V8 SUPERCHARGED
Transmission type	Automatic	Automatic
Gear ratio 6th (High/Low) :1	0.691/2.020	0.691/2.020
5th (High/Low) :1	0.867/2.540	0.867/2.540
4th (High/Low) :1	1.143/3.350	1.143/3.350
3rd (High/Low) :1	1.521/4.460	1.521/4.460
2nd (High/Low) :1	2.340/6.860	2.340/6.860
1st (High/Low) :1	4.171/12.220	4.171/12.220
Reverse (High/Low) :1	3.403/9.960	3.403/9.960
Final Drive ratio :1	3.540	3.540
Transfer box ratio High :1	1	1
Transfer box ratio Low :1	2.93:1	2.93:1
Shift-on-the-move (mph/kph) - max High to Low	25/40	25/40
Low to High (mph/kph)	38/60	38/60
In gear speed (mph/kph) 6th High	124/200	140/225
1st High (mph/kph)	9/15	31/50
1st Low (mph/kph)	3/5	11/17
BRAKES		
Front Type	2 x 48 piston sliding caliper ventilated disc	6 piston fixed caliper ventilated disc
Front size (mm)	360 x 30	380 x 34
Rear Type	45 piston sliding caliper ventilated disc	45 piston sliding caliper ventilated disc
Rear size (mm)	354 x 20	365 x 20
Parking	Duo Servo	Duo Servo

DIMENSIONS AND CAPABILITY

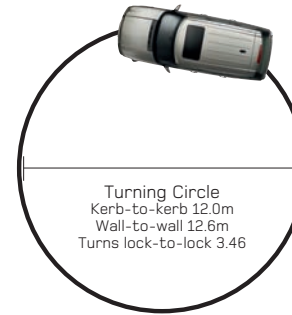


Height¹ 1,877mm
Front wheel track 1,629mm

¹Access height air suspension setting reduces height given by 40mm to 1,837mm



Wheelbase 2,880mm



Obstacle Clearance
Ground clearance off-road height 283mm
(Standard ride height 231mm)



Rear wheel track 1,625mm
Width 2,034mm mirrors folded
Width 2,216mm mirrors out



Overall length 4,972mm



A Approach Angle
Standard ride height 29°
off-road 34° (to spoiler)

B Ramp Angle
Standard ride height 24.4°
off-road 30°

C Departure angle
Standard ride height 24.2°
off-road 26.6° (to bumper)

Luggage Capacity

Rear seats upright
Height 1,002mm Width 1,124mm
Loadspace volume 994 litres (983 litres where reclining seat specified and reclined)
Loadspace width between arches 1,040mm Length at floor 1,081mm

Rear seats forward

Height 1,002mm Width 1,124mm
Loadspace volume 2,099 litres
Loadspace width between arches 1,040mm Length at floor 1,529mm
Maximum box size (length x width x height) 1,265 x 1,024 x 815mm

Headroom

Maximum front headroom 997mm (identical for sunroof or non-sunroof vehicles)
Rear headroom 974mm



Wading Depth

Maximum wading depth 700mm

PERFORMANCE AND WEIGHTS

WEIGHTS (kg)	TDV8	V8 SUPERCHARGED
Total (EEC kerb)	2,744	2,710
Gross vehicle weight	3,200	3,200
Maximum payload**	375-430	375-430
Maximum roof rack (including roof rack)	100	100
TOWING (kg) (towing pack optional)†		
Unbraked trailer	750	750
Trailer with over-run brakes	3,500	3,500
FUEL ECONOMY* & PERFORMANCE		
Urban mpg (L/100km)	19.6 (14.5)	12.5 (22.6)
Extra urban mpg (L/100km)	30.7 (9.2)	27.2 (10.4)
Combined mpg (L/100km)	25.4 (11.1)	19.0 (14.9)
CO ₂ emissions (g/km)	294	348
Maximum speed mph (kph)	124 (200)	140 (225)
0-60mph	8.6	5.9
0-100kph	9.2	6.2

*Manufacturer's data according to new government test regulations.

**Range dependent on zero-maximum options fitted.

†If towing for commercial gain, please refer to your dealership for information relating to digital tachograph installation.

Fuel consumption figures: The results given here do not express or imply any guarantee of the fuel consumption of any particular vehicle with which this information may be supplied. Vehicles are not individually tested and there are inevitable differences between individual vehicles of the same model. The vehicle may also incorporate particular modifications. Furthermore, the driver's style and road traffic conditions, as well as the extent to which the vehicle has been driven and the standard of maintenance, will affect its fuel consumption. Usable fuel tank capacity of 23 gallons (104.5 litres). Low fuel warning at 1.7 gallons (8 litres) approximately.

Dimensions and Capability

Thanks to its innovative cross-linked air suspension, The Range Rover can maintain a level ride height even over undulating terrain and be set to lower gently to ensure easy entry and exit when parked. Despite its impressive power and peerless capabilities, front and rear Park Distance Control and speed sensitive power-assisted rack and pinion steering ensure that manoeuvring in tight spots is always a simple, trouble-free operation. With up to 2,099 litres of cargo space The Range Rover again demonstrates its breadth of capability.

Performance and Weights

The TDV8 fuel range (based on usable fuel tank capacity and the combined economy) exceeds 585 miles/941km and the Supercharged has an impressive 0-60 mph time of 5.9 seconds. Both the fuel economy and the performance are aided by the extensive use of aluminium components that include the bonnet assembly, outer door skins and inner door construction, wheels, transmission housing and front wings.