

RANGE ROVER VOGUE



ENGINE DATA	SUPERCHARGED V8 PETROL	TDV8
Capacity	4,197	3,628
No. of cylinders	8	8
Cylinder layout	Longitudinal V8	Longitudinal V8
Bore (mm)	86.0	81.0
Stroke (mm)	90.3	88.0
Compression ratio (:1)	9.1 (+/-0.5)	17.3 (+/-0.5)
Cylinder head material	Aluminium	Aluminium
Cylinder block material	Aluminium	Compacted Graphite Iron
Ignition system	Denso pan PAG EMS Generation 1	Siemens PCR 2.4
Valves per cylinder	4	4
Maximum power kW @ rpm	291 @ 5,750	200 @ 4,000
Maximum torque Nm @ rpm	560/3,500	640/2,000

TRANSMISSION DATA

TRANSMISSION DATA	SUPERCHARGED V8 PETROL	TDV8
Transmission type	Automatic	Automatic
Gear ratio 6th (High/Low) :1	0.691/2.025	0.691/2.025
5th (High/Low) :1	0.867/2.540	0.867/2.540
4th (High/Low) :1	1.143/3.349	1.143/3.349
3rd (High/Low) :1	1.521/4.457	1.521/4.457
2nd (High/Low) :1	2.340/6.856	2.340/6.856
1st (High/Low) :1	4.171/12.221	4.171/12.221
Reverse (High/Low) :1	3.403/9.971	3.403/9.971
Final Drive ratio :1	3.73	3.54
Transfer box ratio High :1	1:1	1:1
Transfer box ratio Low :1	2.93:1	2.93:1
Shift-on-the-move (kph)- max High to Low	40	40
Low to High (kph)	60	60
In gear speed (kph) 6th High	210	200
1st High (kph)	57	38
1st Low (kph)	19	13

SAFETY

SAFETY	SUPERCHARGED V8 PETROL	TDV8
Four-channel all terrain ABS power braking with all-round ventilated disc brakes	■	■
Side impact door beams on all doors	■	■
Full size driver & front passenger side airbags	■	■
Airbags, driver & front passenger head	■	■
Airbags, driver & front passenger side	■	■
Rear outboard passenger head airbags	■	■
Driver's knee airbag	■	■
Front passenger knee bolster	■	■
Front seat belt reel mounted pre-tensioners and load limiters	■	■
Active Roll Mitigation (ARM) system	■	■

SUSPENSION

Electronic air suspension with automatic load leveling and multiple modes: access, normal, off-road extended height. Terrain sensing software and cross-link valving for improved off road performance	■	■
Front: MacPherson struts with double lower control arms. 194mm of vertical wheel travel	■	■
Rear: Double - wishbone suspension 292mm of vertical travel	■	■

■ Standard

BRAKES

BRAKES	SUPERCHARGED V8 PETROL	TDV8
Front Type	Brembo™ 4 x 46 piston fixed caliper ventilated disc	Brembo™ 4 x 46 piston fixed caliper ventilated disc
Front size (mm)	360 x 30	360 x 30
Rear Type	45 piston sliding caliper ventilated disc	45 piston sliding caliper ventilated disc
Rear size (mm)	354 x 20	354 x 20
Parking	Duo Servo	Duo Servo

STEERING

STEERING	SUPERCHARGED V8 PETROL	TDV8
Type	Speed Proportional PAS	Speed Proportional PAS
Turns lock to lock	3.46	3.46
Turning circle (Kerb-to-kerb)	12.0m	12.0m
Turning circle (wall to wall)	12.6m	12.6m