

Range Rover Sport 10MY

Technical Specifications

Engine data	TDV6	TDV8	V8	V8 Supercharged
Capacity (cc)	2,993	3,628	5,000	5,000
No. of cylinders	6	8	8	8
Cylinder layout	Longitudinal V6	Longitudinal V8	Longitudinal V8	Longitudinal V8
Bore (mm)	84	81	92.5	92.5
Stroke (mm)	90	88	93	93
Compression ratio (:1)	16	17.3 (+/-0.5)	11.5 (+/-0.5)	9.5 (+/-0.5)
Cylinder head material	Aluminium	Aluminium	Aluminium	Aluminium
Cylinder block material	Compacted Graphite Iron	Compacted Graphite Iron	Aluminium	Aluminium
Ignition system	Siemens Gen 3	Siemens PCR 2.4	Denso Generation 1.6	Denso Generation 1.6
Valves per cylinder	4	4	4	4
Maximum power kW @ rpm	180 @ 4,000	200 @ 4,000	276 @ 6,500	375 @ 6,000 - 6,500
Maximum torque Nm @ rpm	600 @ 2,000	640 / 2,000	510 / 3,500	625 / 2,500 - 5,500

Transmission data	TDV6	TDV8	V8	V8 Supercharged
Transmission type	Automatic	Automatic	Automatic	Automatic
Gear ratio 6th (High/Low) :1	0.691 / 2.020	0.691 / 2.025	0.691 / 2.020	0.691 / 2.020
5th (High/Low) :1	0.867 / 2.540	0.867 / 2.540	0.867 / 2.540	0.867 / 2.540
4th (High/Low) :1	1.143 / 3.350	1.143 / 3.349	1.143 / 3.350	1.143 / 3.350
3rd (High/Low) :1	1.521 / 4.460	1.521 / 4.457	1.521 / 4.460	1.521 / 4.460
2nd (High/Low) :1	2.340 / 6.860	2.340 / 6.856	2.340 / 6.860	2.340 / 6.860
1st (High/Low) :1	4.171 / 12.220	4.171 / 12.221	4.171 / 12.220	4.171 / 12.220
Reverse (High/Low) :1	3.403 / 9.960	3.403 / 9.971	3.403 / 9.960	3.403 / 9.960
Final Drive ratio :1	3.540	3.540	3.540	3.540
Transfer box ratio High :1	1	1	1	1
Transfer box ratio Low :1	2.93	2.93	2.93	2.93
Shift on the move - max high to low (kph)	20	20	20	20
Low to High (kph)	60	60	60	60
In gear speed - 6th high (kph)	193	209	209	225
1st High (kph)	29	37	51	49
1st Low (kph)	10	13	18	17

Brakes	TDV6	TDV8	V8	V8 Supercharged
Front type	Ventilated Disc	Ventilated Disc	Ventilated Disc	Ventilated Disc
Front size (mm)	360	360	380	380
Rear type	Ventilated Disc	Ventilated Disc	Ventilated Disc	Ventilated Disc
Rear size (mm)	350	350	350	365
Parking	Duo Servo	Duo Servo	Duo Servo	Duo Servo

Weights	TDV6	TDV8	V8	V8 Supercharged
Base kerb mass (weight from)	2,535	2,656	2,489	2,590
Gross vehicle weight (kg)	3,175	3,175	3,070	3,125
Maximum payload (kg)	640	519	581	535
Maximum roof loading - including roof rack (kg)	75	75	75	75

Towing	TDV6	TDV8	V8	V8 Supercharged
Unbraked trailer (kg)	750	750	750	750
Trailer with over-run brakes (kg)	3,500	3,500	3,500	3,500

Fuel Economy & Performance	TDV6	TDV8	V8	V8 Supercharged
Urban (l/100km)	11.2	14.7	19.8	21.8
Extra urban (l/100km)	8.1	9.0	10.5	10.7
Combined (l/100km)	9.2	11.1	13.9	14.9
CO2 emissions (g/km)	243	294	327	348
Maximum speed (kph)	193	209	209	225
0 - 100 (kph)	9.3	9.2	7.6	6.2
Usable fuel tank capacity (litres)	84.1	84.1	84.1	84.1
Low fuel warning - approximate (litres)	9	9	9	9

Turning Circle	TDV6	TDV8	V8	V8 Supercharged
Kerb to kerb (m)	11.5	11.5	11.5	11.5
Wall to wall (m)	11.9	11.9	11.9	11.9
Turns lock to lock	3.1	3.1	3.1	3.1

Dimensions and Capabilities	TDV6	TDV8	V8	V8 Supercharged
Height - normal height setting (mm)	1,789	1,789	1,789	1,789
Height - access height setting (mm)	1,739	1,739	1,739	1,739
Front wheel track (mm)	1,605	1,605	1,605	1,605
Wheelbase (mm)	2,745	2,745	2,745	2,745
Length (mm)	4,783	4,783	4,783	4,783
Rear wheel track (mm)	1,612	1,612	1,612	1,612
Width - mirrors folded (mm)	2,004	2,004	2,004	2,004
Width - mirrors out (mm)	2,158	2,158	2,158	2,158
Ground clearance - standard height (mm)	172	172	172	172
Ground clearance - off road height (mm)	227	227	227	227
Approach angle - standard height (°)	30.3	30.3	30.3	30.3
Approach angle - off road height (°)	34.6	34.6	34.6	34.6
Ramp angle - standard height (°)	20.0	20.0	20.0	20.0
Ramp angle - off road height (°)	25.0	25.0	25.0	25.0
Departure angle - standard height (°)	26.0	26.0	26.0	26.0
Departure angle - off road height (°)	29.0	29.0	29.0	29.0
Wading depth - maximum (mm)	700	700	700	700

Luggage Capacity	TDV6	TDV8	V8	V8 Supercharged
Rear seats upright:				
Height (mm)	943	943	943	943
Width (mm)	1,221	1,221	1,221	1,221
Loadspace volume (litres)	958	958	958	958
Loadspace width between arches (mm)	1,120	1,120	1,120	1,120
Loadspace length at floor (mm)	991	991	991	991
Rear seats forward:				
Height (mm)	943	943	943	943
Width (mm)	1,120	1,120	1,120	1,120
Loadspace volume (litres)	2,013	2,013	2,013	2,013
Loadspace width between arches (mm)	1,121	1,121	1,121	1,121
Loadspace length at floor (mm)	1,754	1,754	1,754	1,754
Headroom:				
Front headroom - no sunroof (mm)	1,000	1,000	1,000	1,000
Front headroom - with sunroof (mm)	977	977	977	977
Rear headroom (mm)	975	975	975	975