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ENGINES AND PERFORMANCE

Refined power and superb driving dynamics are the hallmarks of Range Rover Sport. Our engine range enables you to handle whatever your journey may throw at you, from open roads to the most rugged off-road terrain.

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ENGINES

Feature	TDV6	TDV8	Supercharged
Location	Front North South	Front North South	Front North South
Capacity (cc's)	2720	3628	4197
No. of Cylinders	6	8	8
Cylinder Layout	Longitudinal V6	Longitudinal V8	Longitudinal V8
Bore (mm)	81	81	86
Stroke (mm)	88	88	90.3
Compression Ratio	18 +/- 0.5	17.3 +/- 0.5	9.1 +/- 0.5
Cylinder head material	Aluminium	Aluminium	Aluminium
Cylinder block material	Compacted Graphite Iron	Compacted Graphite Iron	Aluminium
Ignition system	Siemens PCR 2.4	Siemens PCR 2.4	Denso pan PAG EMS Generation 1
Valves per cylinder	4	4	4
Maximum power	140kW (190PS) @ 4000rpm	200kW (271PS) @ 4000rpm	287kW (396PS) @ 5750rpm
Maximum <u>Torque</u>	440Nm/1900rpm	640Nm/2000rpm	550Nm/3500rpm

PERFORMANCE AND FUEL ECONOMY

Feature	TDV6	TDV8	Supercharged
Maximum Speed mph (kph)	120/193	130/209	140/225
Acceleration – seconds 0-60mp/h	11.9 sec	8.6 sec	7.2 sec
Acceleration – seconds 0-100km/h	12.7 sec	9.2 sec	7.6 sec
Urban L/100km (Mpg)	13.1 (21.6)	14.7 (19.3)	22.8 (12.4)
Extra Urban L/100km (Mpg)	8.2 (34.4)	9 (31.4)	11.9 (23.7)
Combined L/100km (Mpg)	10 (28.3)	11.1 (25.5)	15.9 (17.8)
CO2 Combined emissions (g/km)	265	294	374

Note: Manufacturer's data according to new government test regulations.

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. Fuel tank Petrol/Supercharged usable fuel 88.1 litres (18.5 gallons). Diesel usable fuel 84.1 litres (19.4 gallons). Low fuel warning at 9 litres (2 gallons) approximately.

TRANSMISSION

Feature	TDV6	TDV8	Supercharged
Transmission type	Automatic	Automatic	Automatic
Gear Ratio: 6th	0.691/2.025	0.691/2.025	0.691/2.025
5th	0.867/2.540	0.867/2.540	0.867/2.540
4th	1.143/3.349	1.143/3.349	1.143/3.349
3rd	1.521/4.457	1.521/4.457	1.521/4.457
2nd	2.340/6.856	2.340/6.856	2.340/6.856
1st	4.171/12.221	4.171/12.221	4.171/12.221
Reverse	3.403/9.971	3.403/9.971	3.403/9.971
Final drive ratio	3.540	3.540	3.540
Transfer box ratio High	1:1	1:1	1:1
Transfer box ratio Low	2.93:1	2.93:1	2.93:1
High to Low Shift-on-the-move (mph/kph)	25/40	25/40	25/40
Low to High Shift-on-the-move (mph/kph)	38/60	38/60	38/60
6th High In gear speed mph/kph (rpm)	120/193	130/209	140/225
1st High mph/kph	26.8/43.0	22.7/36.6	32.3/52.0
1st Low mph/kph	7.9/12.7	8.0/13	11.8/18.9

* This is 5th Gear Data

STEERING

Feature	TDV6	TDV8	Supercharged
Type	Speed Proportional Power Assisted Rack and Pinion		
Turns lock to lock	3.1	3.1	3.1
Turning circle (kerb to kerb)	11.6m	11.6m	11.6m
Turning circle (wall to wall)	11.9m	11.9m	11.9m

SUSPENSION AND STEERING

Key: O – Optional, S – Standard, - Not available.

Feature	TDV6			TDV8	Supercharged
	S	SE	HSE		
Electronic <u>Air suspension</u> with <u>Terrain Response®</u>	S	S	S	S	S
Monotube Dampers	S	S	S	S	S
Dynamic response	O	O	S	S	S
Bembo front brakes	O	O	S	S	S

BRAKES

Feature	TDV6	TDV8	Supercharged
Front Size (mm)	317	360	360
Type	Ventilated disc	Ventilated disc	Ventilated disc
Rear Size (mm)	325	350	350
Type	Ventilated disc	Ventilated disc	Ventilated disc
Park Brake	Duo Servo	Duo Servo	Duo Servo
<u>ABS system</u>	Bosch 8	Bosch 8	Bosch 8

SAFETY AND SECURITY

Key: O – Optional, S – Standard, - Not available.

Feature	TDV6			TDV8	Supercharged
	S	SE	HSE		
Airbags, driver & front passenger head	S	S	S	S	S
Airbags, driver & front passenger side	S	S	S	S	S
Airbags, full size driver & front passenger side	S	S	S	S	S
Airbags, rear outboard passenger head	S	S	S	S	S
Electric park brake	S	S	S	S	S
Electronic brake assist	S	S	S	S	S
Ultrasonic alarm system with passive engine immobilisation	S	S	S	S	S
Single point entry	S	S	S	S	S
4 Channel all terrain ABS with all round ventilated disc brakes	S	S	S	S	S
Dynamic stability control	S	S	S	S	S
Centrally mounted high stop lamp mounted in rear spoiler	S	S	S	S	S
Active roll mitigation	S	S	S	S	S
Speed Adaptive automatic gearbox	S	S	S	S	S

http://www.landrover.co.uk/gb/en/Vehicles/Range_Rover_Sport/Specifications/Engines and performance.htm