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ENGINES AND PERFORMANCE

Refined power and superb driving abilities are the hallmarks of all Range Rovers. Our engine range means you're ready to tackle any situation, from open roads to the steepest off-road incline. Combined with other performance features, the 2008MY Range Rover offers you a supreme driving experience.

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ENGINES AND PERFORMANCE

Feature	TDV8 Diesel	Supercharged
Capacity	3,628	4,197
Configuration and no. of cylinders	V8	V8
Bore (mm)	81	86
Stroke (mm)	88	90.3
Cylinder head material	Aluminium	Aluminium
Cylinder block material	Graphite/Iron	Aluminium
Igniton system	Siemens PCR2 4	Denso PAN PAG EMS Generation 1
Valves per cylinder	4	4
Max Power (DIN net)	200kW (271PS) @ 4,000rpm	291kW (396PS) @ 5,750rpm
Max Torque	640Nm (472 lb/ft) @ 2,000rpm	560Nm (420 lb/ft) @ 3,500rpm
Engine data	90 degree 32 Valve Diesel engine. Compacted graphite iron cylinder block to reduce noise levels with an aluminium head to improve heat dissipation. Fuel injection pressure of 1,700 Bar with a state-of-the-art twin variable nozzle turbochargers and inlet valve	Supercharged V8 Petrol. Aluminium construction of engine block and cylinder head with a structural sump and oil pick-up designed to enable operation at extreme angles. 32 Valve with quad camshafts and Supercharged with peak pressure of 80kPa (0.8 Bar).

PERFORMANCE & FUEL ECONOMY

	TDV8 Diesel	Supercharged
Urban L/100km (mpg)	14.5 (19.6)	22.4 (12.6)
Extra urban L/100km (mpg)	9.2 (31.2)	12.2 (23.1)
Combined L/100km (mpg)	11.1 (25.5)	16.0 (17.7)
CO2 emissions (g/km)	294	376
Maximum speed kph (mph)	200 (124)	210 (130)
0-100kph	9.2	7.5
0-60mph	8.6	7.1

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 capacity 104.5 litres (23 gallons).

STEERING

	TDV8 Diesel	Supercharged
Type	Speed proportional variable ratio power steering	Speed proportional variable ratio power steering
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

BRAKES

	TDV8 Diesel	Supercharged
Front size (mm)	360 x 30	360 x 30
Type	Brembo 4-piston fixed caliper ventilated disc	Brembo 4-piston fixed caliper ventilated disc
Rear size (mm)	354 x 20	354 x 20
Type	Sliding caliper ventilated disc	Sliding caliper ventilated disc
Parking	Electric Controlled Duo Servo	Electric Controlled Duo Servo

http://www.landrover.co.uk/gb/en/Vehicles/New_Range_Rover/Specifications/Range_rover_engines_and_performance.htm