

JEEP GRAND CHEROKEE

2011 RANGE NOW COMPLETE

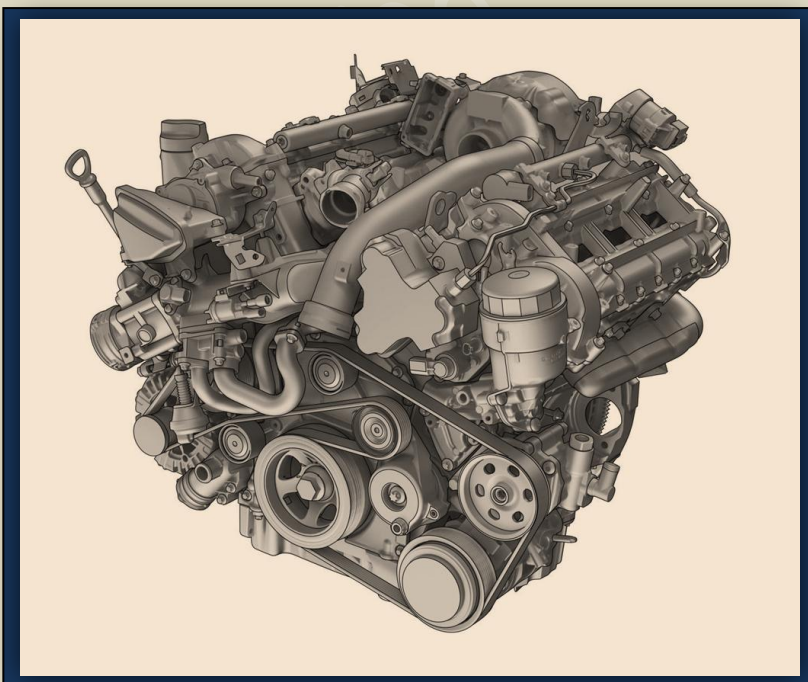
Launched in late 2010 with petrol-only powerplants the 2011 Jeep Grand Cherokee range has been completed with the introduction of a new V6 turbo-diesel.

The new Grand Cherokee is a product of the now defunct DaimlerChrysler conglomerate, so some of its features are derived from the M-Class, including what Jeep calls Quadra-Lift™ air suspension.

This system is a first for Jeep, providing a total of 105mm of lift across five height settings and operates automatically or manually.



Selec-Terrain traction control allows the driver to choose from five driving programs in order to achieve the best dynamics on different terrain. New front and rear independent suspension systems deliver premium on-road handling and comfort.



The 2011 Jeep Grand Cherokee is now available in Australia with a new three-litre V6 turbo-diesel engine. The new engine is said to be more powerful, more fuel efficient and with lower emissions than its predecessor, a Mercedes-Benz derived aluminium-block V6 diesel.

The new engine is built by VM Motori and was developed together with Fiat Powertrain. The new turbo-diesel engine produces 177kW at 4000rpm with 550Nm of torque at 1800-2800rpm: 10 percent more power and eight percent more torque than the engine it replaces.

Even with its improved performance, fuel economy for the new 3.0-litre turbo diesel engine is 8.3 L/100km on the combined cycle, an improvement of 19 percent over the prior diesel engine. CO₂ emissions (combined cycle) are also reduced by 20 percent, now at 218 g/km.



The V6 turbo diesel engine is fitted with new-generation, 1800-bar injectors developed and patented by Fiat Powertrain and capable of up to eight injections per cycle, with injection rate shaping to reduce fuel consumption and emissions, while also lowering combustion noise.

Additional emissions controls include a close-coupled diesel oxidation catalyst and diesel particulate filter.

The new engine features a compressed graphite iron, 60-degree block with aluminium cylinder heads and a two-piece structural aluminium oil pan. Bore is 83mm and stroke is 92mm, making it quite under-square for a vee-engine.

Model Range

Jeep Grand Cherokee is offered in Laredo, Limited and Overland specification levels. All models can have turbo diesel power, but the Laredo and Limited come standard with a 3.6-litre V6 Pentastar engine. A 5.7-litre HEMI V8 is optional on Limited and standard on Overland.

The Pentastar V6 petrol engine delivers 210 kW of power and 347Nm of torque, and the V8 petrol engine delivers 259kW of power and 520Nm of torque. The engine's Multi-Displacement System (MDS) helps manage fuel efficiency and can cut fuel delivery to four cylinders under certain driving conditions.

Pricing

(Base Vehicle Price excl government changes & dealer delivery)

	3.6L V6 Petrol	5.7L V8 Petrol	3.0L V6 Turbo Diesel
Laredo	\$45,000	NA	\$50,000
Limited	\$55,000	\$60,000	\$60,000
Limited 70th	\$58,500	\$63,500	\$63,500
Overland	NA	\$69,500	\$69,500