

GASOLINE AND DIESEL ENGINES

Generally, but not always, Renault will develop diesel engines, and Nissan will develop gasoline engines from 1.6-liters up. The aim is to reduce the overall cost – the entry ticket price – by sharing both design and development and creating volume to get economies of scale.

Good examples are

- the K9 engine (diesel, developed by Renault and widely used by Nissan especially for the Qashqai, Nissan's bestseller in Europe). Qashqai lives up to its crossover positioning with a downsized engine leading to lower emissions thus avoiding tax penalties in some markets. Sourcing the engine from within the Alliance also helped keep the cost down so that Nissan could optimize pricing.
- the TL gearbox (manual transmission developed by Renault and used across the Alliance in engines up to 240 Nm)
- the H4M engine, a 1.6-liter gasoline unit developed by Nissan and to be used by Renault Samsung and in the Renault Fluence.
- the TCe 130, an Alliance-developed gasoline engine added to the Mégane line-up in the spring of 2009.
- The M9 (2.0 dCi, built in Cléon) used in the Renault and Nissan LCV and passenger car ranges.