

M9T – dCi 100, dCi 125, dCi 150
2.3 dCi Turbo Diesel Euro4 & Euro5

M9T - CUSTOMER BENEFITS

Fitted on Renault-Nissan FWD and RWD big vans, the 2.3 dCi achieves a new frontier for Total Cost of Ownership.

AMONG THE BEST FOR FUEL CONSUMPTION AND CO₂*

- Controlled and cooled EGR (Exhaust Gas Recirculation)
- A record of consumption of 7,1l / 100km for the New Master on NEDC cycle
- A new fuel injection system incorporating latest-generation seven-hole injectors

DRIVING COMFORT

- Three performance configurations: 75kW and 92kW (with fixed-geometry turbo), and 110kW (with variable geometry turbo).
- Available with front or rear-wheel drive

ENVIRONMENT FRIENDLY

- Complies with two emissions standards: Euro4 (without DPF) and Euro5 (with DPF)

MAINTENANCE - TOTAL COST OF OWNERSHIP**

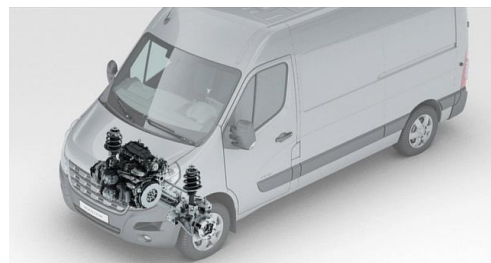
- Timing Chain: lifetime
- Oil change intervals: up to 40,000 km or 2 years
- Diesel Particulate Filter: lifetime
- Cooling liquid : up to 160,000 km / 6 years
- Air Filter : up to 120,000 km
- Ancillary Belt : up to 160,000 km / 6 years

AVAILABLE TRANSMISSIONS**

- 6 speed manual gearbox or robotized transmission with a dual mass flywheel fitted between the engine and the gearbox

DRIVETRAIN LAYOUTS

- East-West
- North-South



A WIDE RANGE OF APPLICATIONS

- MPV and SUV Vehicles
- Equips Renault and other vehicle manufacturers' vehicles

*Availability depends on required emission standards and vehicle characteristics

**On Renault vehicles under West Europe market conditions

M9T - SPECIFICATIONS

MAIN SPECIFICATIONS

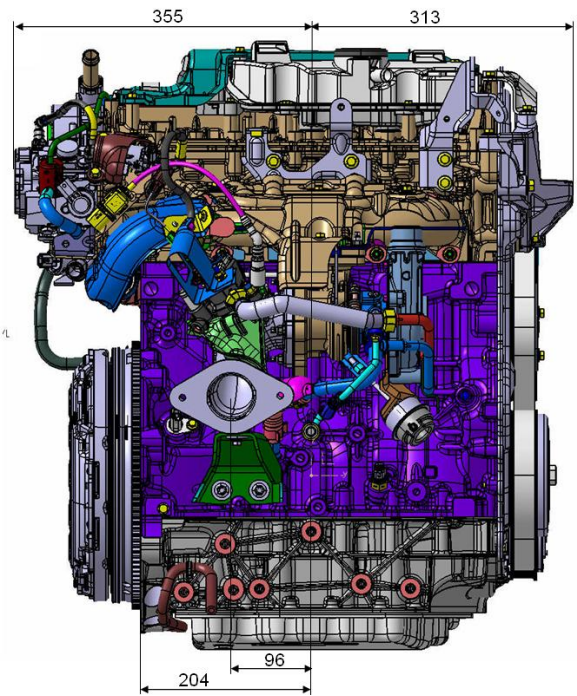
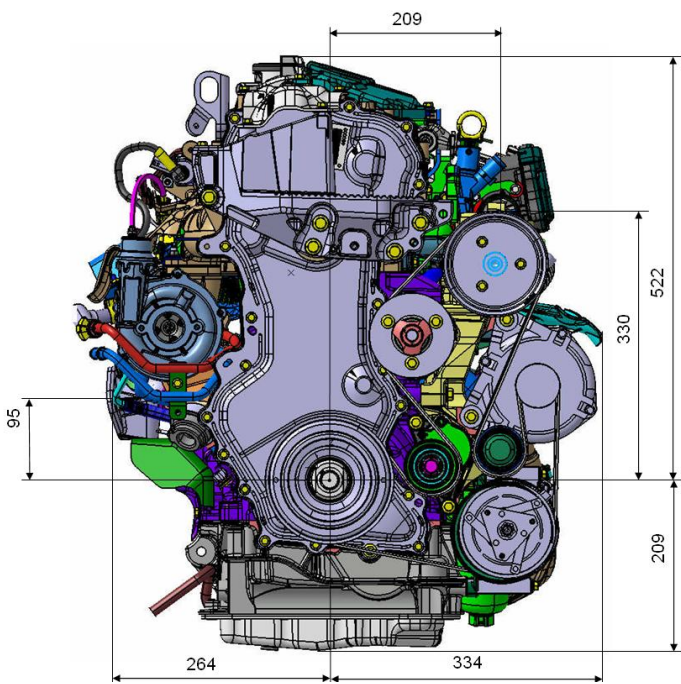
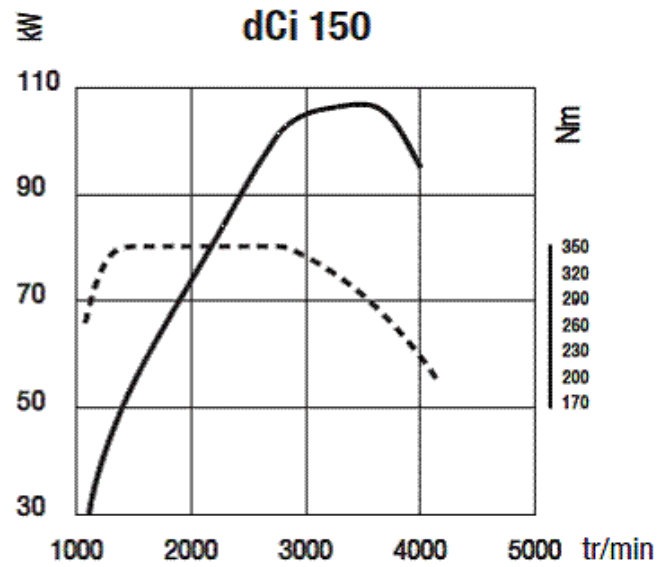
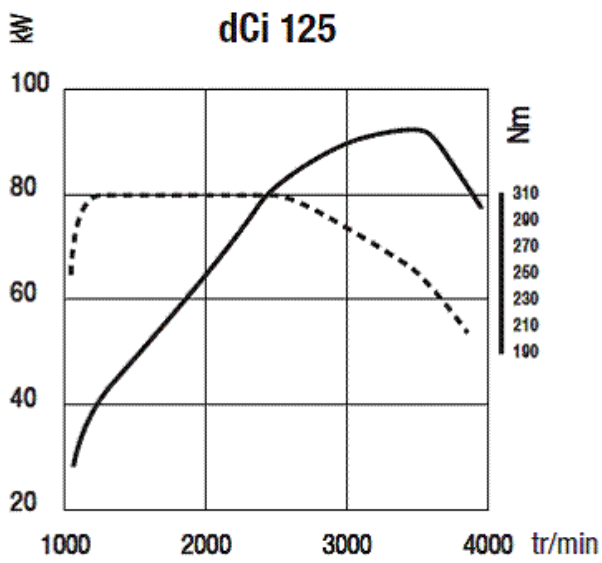
	2.3 dCi 100	2.3 dCi 125	2.3 dCi 150
Number of Cylinders	4		
Number of Valves	16		
Bore x Stroke (mm)	85 x 101,3		
Total Displacement (cc)	2299		
Max. Power (kW (PS))	74(100)	92 (125)	110 (150)
Speed at max. Power (RPM)	3500		
Max. Torque (Nm (lbf.ft))	285(211)	310 (229)	350 (259)
Speed at max. Torque (RPM)	1250		
Compression Ratio	16:1		
Fuel Injection	Common Rail Direct Injection		
Turbocharger	Waste Gate		VNT
Fuel	Diesel, <50ppm(Euro4) <10ppm(Euro5)		
Emissions Standard	Euro4 Euro5		
Dimensions (LxWxH)	668 x 655 x 731		
Weight (kg)	213		

OTHER SPECIFICATIONS

Cylinder Block Material	Cast Iron
Cylinder Head Material	Aluminum
Oil Sump Material	Aluminum
Emissions Control System	EGR DOC + DPF
Power Steering	Electric *
Standard Engine Position	East-West, intake and exhaust towards the back
Standard Engine Tilt	8 degrees towards exhaust
Electric Interface to Vehicle	CAN Bus

*Hydraulic power steering to be validated by Renault

M9T – PERFORMANCE AND MAIN DIMENSIONS



Dimensions in mm

(renault.powertrain@renault.com)

**RENAULT
POWERTRAIN**

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