

New Renault MÉGANE

Technical specifications - Petrol Engine

PETROL					
Version	Energy TCe 100	SCe 115	Energy TCe 130	Energy TCe 130 EDC	Energy TCe 205 EDC (GT)
Gearbox type	Manual gearbox 6 speeds	Manual gearbox 5 speeds	Manual gearbox 6 speeds	EDC automatic gearbox dual-clutch 7 speeds	
Pollution standard	Euro 6				
Number of seats	5				
ENGINE					
Engine type	4 on-line cylinders				
Cubic capacity (cm ³)	1,198	1,598	1,198	1,616	
Bore x stroke (mm)	72.2 x 73.1	78 x 83.6	72.2 x 73.1	79.7 x 81.1	
Number of cylinders / valves	4/16				
Fuel	Unleaded or E10 Petrol				
Maximum power kW EEC (ch.)	74 (100)	84 (115)	97 (130)	151 (205)	
At (rpm)	4,500		5,500	6,000	
Maximum Torque Nm EEC	175	156	205	280	
At (rpm)	1,500	4,000	2,000	2,400	
Injection type	Direct	Indirect	Direct	Direct	
Stop & start / Engine Smart Management	Yes / Yes	No / No	Yes / Yes		
Servicing / Oil change	30,000 km / 2 years				
Post-processing	-				
GEARBOX					
Type	Manual			EDC Automatic dual clutch	
Number of gears	6	5	6	7	
PERFORMANCE					
Aerodynamics CdA	0.71		0.69 / 0.71*		0.69
Top speed (kph)	179	191	197	199	230
0 - 100 kph (s)	12.3	12.2	10.6	10.3	7.1
1,000 m standing start (s)	33.8	32.2	31.6	32.1	27.8
FUEL CONSUMPTIONS AND EMISSIONS – homologated in compliance with applicable legislation					
CO ₂ (g/km)	120	Hom. in progress**	119	Hom. in progress**	134
Combined cycle (l/100km)	5.4	Hom. in progress**	5.3	Hom. in progress**	6
Extra-urban cycle (l/100km)	4.4	Hom. in progress**	4.5	Hom. in progress**	4.9
Urban cycle (l/100km)	7	Hom. in progress**	6.8	Hom. in progress**	7.8
Fuel tank capacity (litres)	47				50
STEERING					
Direction	Electrical Power Steering				Mechanical steering and assisted rack and pinion
Turning cycle, wall to wall (m)	11.8				11
Turning cycle, kerb to kerb (m)	11.2				10.4
Steering wheel turns (lock to lock)	2.9				2.3

* depending wheels : from 15 to 17-inch : 0.69 ; 18-inch : 0.71 - ** launch 1st semester 2016

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Technical specifications - Petrol Engine (cont.)

PETROL					
Version	Energy TCe 100	SCe 115	Energy TCe 130	Energy TCe 130 EDC	Energy TCe 205 EDC (GT)
AXLES					
Front axle type	Pseudo Mac Pherson				
Rear axle type	Semi-rigide axle				
Anti-roll bar diameter front / rear (mm)	26 / anti-roll bar integrated to the beam				
WHEELS AND TYRES					
Dimensions	15" LAGOON steel wheels / 195/65 R15 91 H tyres 15" KUBERA steel wheels / 195/65 R15 91 H tyres 16" FLORIDA steel wheels / 205/55 R16 91 H/V tyres 16" COMPLEA flex wheels / 205/55 R16 91 H / V tyres 16" SILVERLINE alloy wheels/ 205/55 R16 91 H / V tyres 16" CINETIC alloy wheels Aero / 205/55 R16 91 H / V tyres 17" EXCEPTION alloy wheels / 205/50 R 17 93 V tyres 17" CELSIUM alloy wheels / 205/50 R 17 93 V tyres 17" DECARO alloy wheels / 225 45 R17 91W tyres 18" MAGNY-COURS alloy wheels (GT) / 225 40 R18 92 tyres 18" GRAND TOUR alloy wheels / 225/40R18 92 V (XL) tyres 15" steel Spare wheel / 195/65 R15 91 H tyre 16" steel Spare wheel / 205/55 R16 91 H/V tyre 4,5 XB 17 5 45 steel Space saver wheel / T145/70R17 103 M tyre 4,5 XB 17 5 36 steel Space saver wheel RST / T135/80R17 103 M tyre				
BRAKING					
Front vented discs : diameter / thickness (mm)	269x22 Ø54		280x24 Ø54		320x28 Ø60
Rear solid discs : diameter / thickness (mm)	260x8 Ø34				290x11 Ø38
WEIGHTS (kg)					
Kerb weight without options	1,205	1,205	1,205	Hom. in progress**	1,392
Gross Vehicle Weight (GVW)	1,806	1,789	1,806	Hom. in progress**	1,924
Gross Train Weight (GTW)	3,106	3,089	3,106	Hom. in progress**	3,224
Braked trailer weight	1,300			Hom. in progress**	1,300
Unbraked trailer weight	640	635	640	Hom. in progress**	730

New Renault MÉGANE

Technical specifications - Diesel Engine

DIESEL – ENERGY ENGINES					
Version (Energy engines)	dCi 90	dCi 110 eco2	dCi 110 EDC	dCi 130	dCi 165 EDC (GT)
Gearbox type	Manual gearbox 6 speeds		EDC automatic gearbox dual-clutch 6 speeds	Manual gearbox 6 speeds	EDC automatic gearbox dual-clutch 6 speeds
Pollution standard	Euro 6b				
Number of seats	5				
ENGINE					
Engine type	4 on-line cylinders				
Cubic capacity (cm ³)	1,461			1,598	
Bore x stroke (mm)	76 x 80.5			80 x 79.5	Hom. in progress**
Number of cylinders / valves	4/8			4/16	
Fuel	Diesel				
Maximum power kW EEC (ch.)	66 (90)	81 (110)		96 (130)	118 (165)
At (rpm)	4,000	4,000		4,000	Hom. in progress**
Maximum Torque Nm EEC	220	260	250	320	380
At (rpm)	1,750				Hom. in progress**
Injection type	Common-rail + multi-injection				Hom. in progress**
Stop & start / Engine Smart Management	Yes / Yes				Hom. in progress**
Servicing / Oil change	30,000 km / 2 years				Hom. in progress**
Post-processing	FAP				
GEARBOX					
Type	Manual		EDC Automatic dual clutch	Manual	EDC Automatic dual clutch
Number of gears	6				
PERFORMANCE					
Aerodynamics CdA	0.69	0.67	0.69	0.69 / 0.71*	0.69
Top speed (kph)	174	188	187	198	Hom. in progress**
0 - 100 kph (s)	13.4	11.2	12.3	10	Hom. in progress**
1,000 m standing start (s)	34.9	32.8	33.6	31.5	Hom. in progress**
FUEL CONSUMPTIONS AND EMISSIONS – homologated in compliance with applicable legislation					
CO ₂ (g/km)	95	86	95	103	Hom. in progress**
Combined cycle (l/100km)	3.7	3.3	3.7	4	Hom. in progress**
Extra-urban cycle (l/100km)	3.4	3.2	3.5	3.6	Hom. in progress**
Urban cycle (l/100km)	4.2	3.6	4	4.7	Hom. in progress**
Fuel tank capacity (litres)	47				50
STEERING					
Direction	Electrical Power Steering				Hom. in progress**
Turning cycle, wall to wall (m)	11.8				Hom. in progress**
Turning cycle, kerb to kerb (m)	11.2				Hom. in progress**
Steering wheel turns (lock to lock)	2.9				Hom. in progress**

* depending wheels : from 15 to 17-inch : 0.69 ; 18-inch : 0.71 - ** launch 1st semester 2016

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Technical specifications - Diesel Engine (cont.)

DIESEL – ENERGY ENGINES					
Version (Energy engines)	dCi 90	dCi 110 eco2	dCi 110 EDC	dCi 130	dCi 165 EDC (GT)
AXLES					
Front axle type	Pseudo Mac Pherson				Hom. in progress**
Rear axle type	Semi-rigide axle				Hom. in progress**
Anti-roll bar diameter front / rear (mm)	26 / anti-roll bar integrated to the beam				Hom. in progress**
WHEELS AND TYRES					
Dimensions	15" LAGOON steel wheels / 195/65 R15 91 H tyres 15" KUBERA steel wheels / 195/65 R15 91 H tyres 16" FLORIDA steel wheels / 205/55 R16 91 H/V tyres 16" COMPLEA flex wheels / 205/55 R16 91 H / V tyres 16" SILVERLINE alloy wheels/ 205/55 R16 91 H / V tyres 16" CINETIC alloy wheels Aero / 205/55 R16 91 H / V tyres 17" EXCEPTION alloy wheels / 205/50 R 17 93 V tyres 17" CELSIUM alloy wheels / 205/50 R 17 93 V tyres 17" DECARO alloy wheels / 225 45 R17 91W tyres 18" MAGNY-COURS alloy wheels (GT) / 225 40 R18 92 tyres 18" GRAND TOUR alloy wheels / 225/40R18 92 V (XL) tyres 15" steel Spare wheel / 195/65 R15 91 H tyre 16" steel Spare wheel / 205/55 R16 91 H/V tyre 4,5 XB 17 5 45 steel Space saver wheel / T145/70R17 103 M tyre 4,5 XB 17 5 36 steel Space saver wheel RST / T135/80R17 103 M tyre				
BRAKING					
Front vented discs: diameter /thickness (mm)	269x22 Ø54		280x24 Ø54	296x26 Ø57	Hom. in progress**
Rear solid discs: diameter /thickness (mm)	260x8 Ø34				Hom. in progress**
WEIGHTS (kg)					
Kerb weight without options	1,205	1,205	1,341	1,318	Hom. in progress**
Gross Vehicle Weight (GVW)	1,841	1,848	1,876	1,890	Hom. in progress**
Gross Train Weight (GTW)	3,141	3,145	3,176	3,490	Hom. in progress**
Braked trailer weight	1,300			1,600	Hom. in progress**
Unbraked trailer weight	640	640	690	695	Hom. in progress**