

# TECHNICAL SPECIFICATIONS

## NEW RENAULT MEGANE ESTATE

FUEL TYPE	Version	PETROL				
		1.6 16V		1.4 TCe	2.0 16V	2.0 TCe
	Transmission	Five-speed manual	Six-speed manual		CVT	Six-speed manual
<b>TYPE APPROVAL</b>						
	Type approval	KZ0H05	KZ0V06	KZ0F06	KZ0G0T	KZ0K06
	French fiscal rating	6	7	7	8	11
	Emissions rating	D	E	D	E	E
	Number of seats	5				
<b>ENGINE</b>						
	Engine type	K4M P 848	K4M R 858	H4J A 700	M4R F 713	F4R L 870
	Displacement (cc)	1 598		1 397	1 997	1 998
	Bore x stroke (mm)	79.5 x 80.5		78 x 73.1	84 x 90.1	82.7 x 93
	Number of cylinders / number of valves	4 / 16				
	Compression ratio	9.8 : 1	9.7 : 1	9.1 : 1	10.2 : 1	9.3 : 1
	Maximum power kW EEC (hp)	74 (100)	81 (110)	96 (130)	103 (143)	132 (180)
	at (rpm)	5 500	6 000	5 500	6 000	5 500
	Maximum torque Nm EEC (m.kg)	148	151	190	195	300
	at (rpm)	4 250	4 250	2 250	3 750	2 250
	Injection type	Multipoint				
	Fuel type	95-octane petrol				
	Catalytic converter	Standard				
	Particulate filter	No				
<b>TRANSMISSION</b>						
	Manual / automatic	Manual			Continuously variable	Manual
	Type	JH3 183	TL4 030	TL4 032	FK0 001	PK4 017
	Number of forward speeds	5	6		6 (manual mode)	6
	Speed (rpm) at 1,000rpm in 1st gear	7.35	6.98	7.02	7.6	7.88
	in 2nd gear	13.38	12.36	12.43	-	14.64
	in 3rd gear	19.67	17.92	18.02	-	20.79
	in 4th gear	26.61	23.35	24.09	-	27.96
	in 5th gear	33.38	28.45	30.00	-	34.35
	in 6th gear	-	35.55	35.75	51.17	43.58
<b>PERFORMANCE</b>						
	Top speed (kph)	190	195	200	195	225
	0 to 100kph (s)	11.2	10.8	9.9	10.6	8.0
	1,000m standing start (s)	32.7	32.2	31.1	32.2	28.7
	80 to 120kph in 5th/6th gear	16.3	13.3 / 19.5	10.5 / 13.4	8.7	7.2 / 9.8
<b>FUEL CONSUMPTION EEC 93/116</b>						
	CO2 (g/km)	159	162	153	174	178
	Urban cycle (litres/100km)	9.0	9.2	8.5	9.8	10.2
	Extra-urban cycle (litres/100km)	5.5	5.5	5.3	6.0	6.1
	Combined cycle (litres/100km)	6.7	6.9	6.5	7.4	7.6
<b>STEERING</b>						
	Power steering	Standard electric variable-rate power steering				
	Turning circle diameter between kerbs (m)	11.05				
	Number of steeringwheel turns from lock to lock	1.43				
<b>SUSPENSION</b>						
	Front suspension	MacPherson-type with lower wishbone				
	Rear suspension	Flexible beam				
	Antiroll-bar diameter front/rear (mm)	23				
<b>WHEELS AND TYRES</b>						
	Standard wheels (inches)	6.5 J 15			7.0 J 17	
	Standard tyres (front/rear)	195/65 R 15 91 H			225/45 R 17 94 V	
	Options (front/rear)	205/55 R 16 91 H				
		205/50 R 17 89 H				
<b>BRAKING</b>						
	Type	X				
	Continental Automotive System ABS	Standard				
	Electronic brakeforce distribution	Standard				
	ESC with CSV understeer control	Optional			Standard	
	Servo diameter (inches) (S=single, D=double)	S 11				
	Front disc dia. (mm) (SD=solid discs, VD=vented discs)	VD 280			VD 296	
	Rear brakes dia. (mm) (D=drums, SD=solid discs, VD=vented discs)	SD 260			SD 260	
<b>AERODYNAMICS AND CAPACITIES</b>						
	A / Cd / CdA	2.22 / 0.32 / 0.72				
	Fuel tank (litres)	60				
<b>WEIGHTS (kg)</b>						
	Unladen in running order	1 265	1 275	1 285	1 335	1 391
	Unladen in running order (front)	759	771	781	825	861
	Unladen in running order (rear)	506	504	504	510	530
	Gross vehicle weight (GVW)	1 770	1 780	1 790	1 840	1 884
	Maximum load front axle (within GVW)	960			990	
	Maximum load rear axle (within GVW)	970			990	
	Gross train weight	3 070	3 080	3 090	3 140	3 184
	Maximum payload	505			475	
	Maximum braked trailer weight				1 300	
	Maximum unbraked trailer weight	670	675	680	705	730

FUEL TYPE		DIESEL							
Version	dCi 85	dCi 90 FAP	dCi 105	dCi 110 FAP	dCi 130	dCi 130 FAP	dCi 160 FAP	dCi 150 FAP	
Transmission	Five-speed manual	Five-speed manual	Six-speed manual	Six-speed manual	Six-speed manual	Six-speed manual	Six-speed manual	Six-speed automatic	
<b>TYPE APPROVAL</b>									
Type approval	KZ0A05	KZ0C05	KZ0B06	KZ0D06	KZ0N06	KZ0J06	KZ0L06	KZ0Y0E	
French fiscal rating	5	5	6	6	7	7	9	9	
Emissions rating	B	B	C	C	C	C	D	E	
Number of seats	5								
<b>ENGINE</b>									
Engine type	K9K F 830	K9K H 834	K9K G 832	K9K J 836	F9Q P 872	F9Q N 870	M9R B 610	M9R C 613	
Displacement (cc)	1461				1870		1995		
Bore x stroke (mm)	76 x 80.5				80 x 93		84 x 90		
Number of cylinders / number of valves	4 / 8				4 / 8		4 / 16		
Compression ratio	17.6 : 1	15.2 : 1	15.3 : 1	15.2 : 1	16.6 : 1		15.1 : 1		
Maximum power kW EEC (hp)	63 (85)	66 (90)	78 (105)	81 (110)	96 (130)		118 (160)	110 (150)	
at (rpm)	3 750	4 000	4 000	4 000	3 750		3 750	4 000	
Maximum torque Nm EEC (m.kg)	200	200	240	240	300		380	360	
at (rpm)	1 750	1 750	2 000	1 750	1 750		2 000	2 000	
Injection type	Direct spherical common-rail with turbocharger				Direct common-rail with turbocharger				
Fuel type	Diesel								
Catalytic converter	Standard								
Particulate filter	No	Standard	No	Standard	No	Standard			
<b>TRANSMISSION</b>									
Manual / automatic	Manual				Manual			Automatic	
Type	JR5 175	JR5 175	TL4 022	TL4 022	ND4 001		PK4	AJ0	
Number of forward speeds	5				6				
Speed (rpm) at 1,000rpm in 1st gear	8.3	8.3	7.87	7.87	8.86		8.62	8.72	
in 2nd gear	15.1	15.1	15.07	15.07	16.44		16.00	15.23	
in 3rd gear	23.4	23.4	22.19	22.19	24.07		24.29	23.14	
in 4th gear	31.83	31.83	30.10	30.10	31.96		32.83	31.54	
in 5th gear	40.90	40.90	38.48	38.46	41.29		41.30	42.81	
in 6th gear	-	-	45.98	45.98	50.12		49.99	53.43	
<b>PERFORMANCE</b>									
Top speed (kph)	175	180	190	190	205		215	210	
0 to 100kph (s)	13.3	12.9	11.2	10.8	9.8		8.8	9.5	
1,000m standing start (s)	35.2	34.8	32.7	32.2	30.9		29.9	30.6	
80 to 120kph in 5th/6th gear	14.3	14.3	10.3/13.4	10.2 / 12.3	8.3 / 10.9		7.6 / 9.3	8.6	
<b>FUEL CONSUMPTION EEC 93/116</b>									
CO2 (g/km)	118	116	120	126	134	135	155	175	
Urban cycle (litres/100km)	5.3	5.2	5.5	5.8	6.2	6.2	7.5	8.7	
Extra-urban cycle (litres/100km)	4.1	4.0	4.0	4.2	4.4	4.5	5.0	5.5	
Combined cycle (litres/100km)	4.5	4.4	4.5	4.8	5.1	5.1	5.9	6.6	
<b>STEERING</b>									
Power steering	Electric variable-rate power steering								
Turning circle diameter between kerbs (m)	11.05								
Number of steeringwheel turns from lock to lock	1.43								
<b>SUSPENSION</b>									
Front suspension	MacPherson with lower wishbone								
Rear suspension	Flexible beam								
Antiroll-bar diameter front/rear (mm)	23								
<b>WHEELS AND TYRES</b>									
Standard wheels (inches)	6.5 J 15				6.5 J 16		7.0 J 17		
Standard tyres (front/rear)	195/65 R 15 91 H				205/55 R 16 91 H		225/45 R 17 94 V		
Options (front/rear)	205/55 R 16 91 H				205/50 R 17 89 H				
<b>BRAKING</b>									
Type	X								
Continental Automotive System ABS	Standard								
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ESC with CSV understeer control	Option								
Servo diameter (inches) (S=single, D=double)	S 11								
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Rear brakes dia. (mm) (D=drums. SD=solid discs. VD=vented discs)					SD 260		SD 260		
<b>AERODYNAMICS AND CAPACITIES</b>									
A / Cd / CdA	2.22 / 0.32 / 0.72								
Fuel tank (litres)	60								
<b>WEIGHTS (kg)</b>									
Unladen in running order	1 289	1 307	1 306	1 320	1 357	1 366	1 424	1 449	
Unladen in running order (front)	788	802	805	819	853	864	909	934	
Unladen in running order (rear)	501	505	501	501	504	502	515	515	
Gross vehicle weight (GVW)	1 794	1 812	1 811	1 825	1 862	1 871	1 914	1 944	
Maximum load front axle (within GVW)	960				1 050	1 050	1 100		
Maximum load rear axle (within GVW)	970				970	970	990		
Gross train weight	3 094	3 112	3 111	3 125	3 162	3 171	3 214	3 144	
Maximum payload	505						490	495	
Maximum braked trailer weight					1 300				
Maximum unbraked trailer weight	690	690	690	695	715	720	745	750	