



TECHNICAL SPECIFICATIONS

NEW RENAULT GRAND SCENIC

FUEL	PETROL										DIESEL															
Engine	1,6 16v		TCe 130		2,0 16V 140ch		dCi 105		dCi 110 FAP		dCi 130		dCi 130 FAP		dCi 160 FAP		dCi 150 FAP									
Transmission	6-speed manual				CVT		6-speed manual						6-speed automatic													
REGISTRATION DATA																										
TW	JZ0VA6	JZ0VB6	JZ0FA6	JZ0FB6	JZ0GAT	JZ0GBT	JZ2B0D JZ0BA6	JZ0BB6	JZ2D0D JZ0DA6	JZ0DB6	JZMN26 JZMN36 JZMN46	JZNN26 JZNN36 JZNN46	JZ0J06 JZ0JA6	JZ0JAD JZ0JB6	JZ0LA6	JZ0LB6	JZ0YAE	JZ0YBE								
Administrative power rating (France)	7		8		9		6		6		7		7		9		9									
Label emission	E		E		E		C		C		D		D		E		E									
Seat	5	7	5	7	5	7	5	7	5	7	5	7	5	7	5	7	5	7								
ENGINE SPECIFICATIONS																										
Engine type	K4M R 858			H4J A 700			M4R F 711			K9K G 832		K9K J 836		F9Q P 872		F9Q N 870		M9R B 610		M9R C 615						
Capacity	1,598			1,397			1,997			1,461		1,870		1,870		1,998		1,998		1,998						
Bore x stroke (mm)	79,5 x 80,5			78 x 73,1			84 x 90,1			76 x 80,5		80 x 93		80 x 93		84 x 90		84 x 90		84 x 90						
Number of cylinders / valves	4/16			4/16			4/16			4 x 8		4 x 8		4 x 8		4 x 16		4 x 16		4 x 16						
Compression ratio	9,7 : 1			9,1 : 1			10,2 : 1			15,3 : 1		16,6 : 1		16,6 : 1		15,5 : 1		15,5 : 1		15,5 : 1						
Max. power kW EEC (hp DIN), at (rpm)	81 (110) at 6,000		96 (130) at 5,500		103 (143) at 6,000		78 (105) at 4,000		81 (110) at 4,000		96 (130) at 3,750		96 (130) at 3,750		118 (160) at 3,750		110 (150) at 3,750		110 (150) at 3,750							
Max. torque Nm EEC (mkg DIN), at (rpm)	151 at 4,250		190 at 2,250		195 at 3,750		240 at 2,000		240 at 1,750		300 at 1,750		300 at 1,750		380 at 2,000		360 at 2,000		360 at 2,000							
Injection type	Multipoint						Direct, Common Rail																			
Turbocompressed	No			Yes			No			Yes																
Fuel type	Petrol (95 octane)						Diesel						Gazole													
Catalytic converter	Yes / Standard						Yes / Standard						Yes / Standard													
Particulate Trap	No						No		Yes / Standard		No		Yes / Standard		Yes / Standard											
GEARBOX																										
Type	TL4 042		TL4 036		FK0 001		TL4 018		TL4 027		TL4 018		TL4 027		ND4 002		ND4 004		ND4 002		ND4 004		PK4 014		AJ0 015	
Number of forward speeds	6						6 manual mode						6													
Speed at 1,000 rpm: in 1 st gear	6,78		6,78		7,87		7,78		7,61		7,78		7,61		8,47		8,20		8,47		8,20		8,00		8,52	
in 2 nd gear	12,00		12,00		-		14,89		14,57		14,89		14,57		15,71		15,21		15,71		15,21		14,86		14,87	
in 3 rd gear	17,40		17,40		-		21,92		21,45		21,92		21,45		23,00		23,48		23,00		23,48		22,55		22,59	
in 4 th gear	22,67		23,27		-		29,73		29,10		29,73		29,10		30,54		31,06		30,54		31,06		30,48		30,80	
in 5 th gear	27,63		28,98		-		37,99		37,18		37,99		37,18		39,45		38,74		39,45		38,74		38,34		41,80	
in 6 th gear	34,53		34,53		46,94		45,42		44,45		45,42		44,45		47,89		47,01		47,89		47,01		49,00		52,15	
PERFORMANCE																										
Maximum speed (kph)	185		190		190		180				195				205		200									
0-100 kph (s)	12 12,6		10,7 11,5		10,8 11,4		12,6 13,4		12,5 13,3		NC				9,3 9,5		10 10,1									
1,000 m standing start (s)	33,7 34,3		32 32,7		32,4 33,0		34,1 34,7		34 34,6		NC				30,8 31,0		31,4 31,5									
FUEL CONSUMPTION EEC n° 80/1268																										
CO ₂ emissions (g/km)	177		168 173		183		134 135		136 138		145 149		145 149		173		184									
Urban conditions l/100	9,9		9,4 9,7		10,3		5,9 6		6,3 6,5		6,8 6,9		6,6 6,8		8,3		9									
Extra-urban conditions l/100	6,1		5,8 6,0		6,2		4,6 4,6		4,5 4,6		4,8 4,9		4,9 5,0		5,6		5,9									
Mixed l/100	7,5		7,1 7,3		7,7		5,1 5,1		5,2 5,3		5,5 5,6		5,5 5,6		6,6		7									
STEERING																										
Power	Electric						Electric																			
Turning circle diameter (m) between kerbs / walls	11,29						11,29																			
Steering wheel turns	3,0						3,0																			
AXLES																										
Rear axle	Pseudo Mac-Pherson						Pseudo Mac-Pherson																			
Front axle	Flexible beam						Flexible beam																			
Diameter of front anti roll bar (mm)	25,6						25,6																			
WHEELS & TYRES																										
Standard wheels (")	6,5 J 16						6,5 J 16						7,0 J 17													
Standard tyres	205/60 R16 96 H						205/60 R16 96 H						225/50 R17 98 V													
Option	205/55 R17 95 H						205/55 R17 95 H						225/45 R18 95 W													
BRAKING																										
Type of circuit	X						X																			
A.B.S. Conti TEVES	Standard						Standard																			
Electronic Stability Control	Option						Option						Série													
Power brakes: single (S), double (D) - Ø (")	NC						NC																			
Front: plain disk (DP), vented disk (DV), diameter (mm)	DV 296						DV 296						DV 320													
Rear: drums (T), plain disk (DP), vented disk (DV) Ø (mm)	DP 274						DP 274						DP 290													
AERODYNAMICS																										
SCx / Cx	0,820 / 0,324						0,820 / 0,324																			
Fuel tank capacity (l)	60						60																			
WEIGHTS (kg)																										
Kerb weight	1,407	1,444	1,420	1,457	1,468	1,505	1,451	1,488	1,461	1,498	1,493	1,530	1,503	1,540	1,591	1,628	1,610	1,647								
Gross vehicle weight (M.M.A.C.)	2,067	2,074	2,080	2,087	2,128	2,135	2,111	2,118	2,121	2,128	2,153	2,160	2,163	2,170	2,251	2,258	2,270	2,277								
Gross vehicle weight, front (within limit of M.M.A.C.)	1,050	1,050	1,050	1,050	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,210	1,210	1,210	1,210								
Gross vehicle weight, rear (within limit of M.M.A.C.)	1,200	1,220	1,200	1,220	1,200	1,220	1,200	1,220	1,200	1,220	1,200	1,220	1,200	1,220	1,200	1,220	1,200	1,220								
Gross train weight (M.T.R)	3,367	3,374	3,380	3,387	3,428	3,435	3,411	3,418	3,421	3,428	3,453	3,460	3,463	3,470	3,551	3,558	3,570	3,577								
Payload (C.U.)	580	550	595	550	580	550	580	550	580	550	580	550	580	550	580	550	580	562								
Unbraked trailer weight	1,300						1,300																			
Braked trailer (within limit of M,T,R)	740	750	745	750			740	750	740	750																