



TECHNICAL SPECIFICATIONS

RENAULT FLUENCE

FUEL TYPE	PETROL		DIESEL	
Version	1.6 16V 110	1.6 16V 105 Automatic	dCi 85	dCi 105
Transmission type	5-speed manual	4-speed automatic	5-speed manual	6-speed manual
Depollution standard	Euro4 A	Euro4 C	Euro4 A	Euro4 A
TYPE APPROVAL				
Type approval	LZBF05	LZBR0A	LZBA05	LZBB06
Emissions label	E	E	B	C
Number of seats	5		5	
ENGINE				
Type	K4M * 838	K4M * 839	K9K * 830	K9K * 832
Cubic capacity (cc)	1,598	1,598	1,461	1,461
Bore x stroke (mm)	79.5 x 80.5	79.5 x 80.5	76 x 80.5	76 x 80.5
Number of cylinders / number of valves	4 / 16	4 x 16	4 x 8	4 x 8
Compression ratio	9.7 : 1	9.7 : 1	17.6 : 1	15.3 : 1
Maximum power kW EEC (hp)	81 (110)	78 (105)	63 (85)	78 (105)
Maximum power at (rpm)	6,000	6,000	3,750	4,000
Maximum torque Nm EEC (m.kg)	151	145	200	240
Maximum torque at (rpm)	4,250	4,250	1,750	2,000
Injection type	Multipoint		Direct with spherical common-rail and turbocharger	
Fuel	95-octane		Diesel	
Particulate filter	NP	NP	No	No
TRANSMISSION				
Manual or automatic	Manual	Automatic	Manual	Manual
Type	JH3	DP2	JR5	TL4
Number of forward speeds	5	4	5	6
Speed (kph) at 1,000rpm: in 1 st gear	7.54	9.24	8.51	8.07
in 2 nd gear	13.72	16.79	15.49	15.46
in 3 rd gear	20.17	25.17	24	22.76
in 4 th gear	27.29	35.42	32.64	30.87
in 5 th gear	34.23	-	42.96	39.44
in 6 th gear	-	-	-	47.15
PERFORMANCE				
Top speed (kph)	185	180	175	185
0 - 100kph (s)	11.7	13.9	13.40	11.40
1,000m standing start(s)	33.1	35.2	35.40	32.90
FUEL CONSUMPTION EEC 93/116				
CO ₂ (g/km)	155	180	119	119
Urban cycle (litres/100km)	8.8	10.6	5.3	5.3
Extra-urban cycle (litres/100km)	5.3	5.8	4.1	4.1
Combine cycle (litres/100km)	6.5	7.5	4.5	4.5
STEERING				
Power steering	Electric power steering standard			
Turning circle between kerbs (m)	11.1			
Number of turns from lock to lock	3.1			
SUSPENSION				
Front	MacPherson-type with lower wishbone			
Rear	Flexible beam			
Anti-roll bar diameter front/rear (mm)	22/22.5			
WHEELS AND TYRES				
Standard rims (inches)	6.5 J 15			
Tyres for standard 15-inch rims	205/65 R 15 94 H			
Tyres for 16-inch rims	205/60 R 16 92 H			
Tyres for 17-inch rims	205/55 R 17 91 H			
BRAKING				
Circuit	X			
Conti TEVES ABS	Option			
Electronic brakeforce distribution	Standard			
ESC (Electronic Stability Control) with CSV understeer control	Option			
Servo diameter (inches): single (S), double (D)	11 (S)			
Front brake diameter (mm): solid discs (SD), vented discs (VD)	280 (VD)			
Rear diameter (mm): drums (D), solid discs (SD), vented discs (VD)	260 (SD) with ABS			
Rear diameter (mm): drums (D), solid discs (SD), vented discs (VD)	9-inch drums with compensator (without ABS)			
AERODYNAMICS AND CAPACITIES				
CdA	0.72			
Fuel tank (litres)	60			
WEIGHTS (kg)				
Unladen in running order	1,225	1,258	1,263	1,277
Over front axle (unladen in running order)	761	796	791	809
Over rear axle (unladen in running order)	464	462	472	468
Gross vehicle weight (GVW)	1,725	1,760	1,760	1,777
Maximum weight over front axle (within GVW)	912	948	941	960
Maximum weight over rear axle (within GVW)	813	812	819	817
Gross train weight (GTW)	2,780	3,060	3,060	3,077
Payload	500	502	497	500
Maximum braked trailer weight	1,055	1,300	1,300	1,300
Maximum unbraked trailer weight	650	650	650	650