

Master - FURGON

Technical data

Updated: 02.10.2006

ENGINE		2,5 dCi 100										2,5dCi 120										
VERSION	Chassis type	Furgon	Furgon	Furgon	Furgon	Furgon	Furgon	Furgon	Furgon	Furgon	Furgon	Furgon	Furgon	Furgon	Furgon	Furgon	Furgon	Furgon	Furgon	Furgon		
	DMC	2.8	3.3	3.3	3.3	3.5	3.5	3.5	3.5	3.5	3.5	3.3	3.3	3.5	3.5	3.5	3.5	3.5	3.5	3.5		
	Wheelbase	Short	Short	Short	Medium	Short	Short	Medium	Long	Long	Short	Short	Medium	Short	Short	Medium	Medium	Long	Long	Long		
	Roof height	Low	Low	Elevated	Elevated	Low	Elevated	Elevated	Elevated	High	Low	Elevated	Elevated	Low	Elevated	Elevated	High	Elevated	High			
	Version code Komfort	FA2AAG	FA3AAG		FA3BBG			FA4BBG		FA4CBG	FA4CCG			FA3BBM	FA4AAM				FA4CBM	FA4CCM		
	Version code Business	FB2AAG	FB3AAG	FB3ABG	FB3BBG			FB4BBG		FB4CBG	FB4CCG	FB3AAM	FB3ABM	FB3BBM	FB4AAM			FB4BBM	FB4CBM	FB4CCM		
	Version code Pack Clim	FK2AAG	FK3AAG		FK3BBG	FK4AAG	FK3AAH			FK4BBG	FK3BBH	FK4CBG	FK4CCG	FK3AAM			FK3BBM	FK4AAM	FK4BBM	FK4BCM	FK4CBM	FK4CCM
Technical type		FDA2D6	FDB2D6	FDB2E6	FDB2H6	FDC2D6	FDB2DH	FDC2E6	FDC2H6	FDB2HH	FDC2L6	FDC2M6	FDB1D6	FDB1E6	FDB1H6	FDC1D6	FDC1E6	FDC1H6	FDC1J6	FDC1L6	FDC1M6	
Exhaust fumes emission norm		Euro 4 (without FAP)																				
ENGINE	Number of seats	3 (2 in option)																				
	Engine type	G9U 650										G9U 650										
	Swept volume (cm3)	2464										2464										
	Cyl.diameter/piston stroke (mm)	87 x 92										87 x 92										
	Number of cylinders	4										4										
	Total number of cylinders	16										16										
	Max. power kW CEE (KM)	74 (101)										88 (120)										
	Rev.speed of max.power (rev./min)	3500										3500										
	Max twisting moment Nm CEE	260										300										
	Rev.speed of max twisting moment (rev./min)	1600										1600										
	Fuel injection type	direct + Common Rail										direct + Common Rail										
	Turbo-compressor	Turbo on geometrii stałej z automatyczną regulacją										Turbo on geometrii stałej z automatyczną regulacją										
	Fuel	Diesel oil										Diesel oil										
	Pre-Catalyst / Catalyst / Constant particles filter	Serial / Serial / Not available										Serial / Serial / Not available										
GEARBOX	The kind of gearbox	Mechanical										Mechanical										
	gearbox type	PF6	PF6	PF6	PAO	PF6	PF6	PF6	PF6	PF6	PF6	PF6	PF6	PF6	PF6	PF6	PF6	PF6	PF6	PF6	PF6	
	ilość biegów	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	
	Speed bv rev/min. on the 1 st gear	6,89	6,75	6,75	6,89	6,75	6,89	6,75	6,89	6,75	6,89	6,75	6,89	6,75	6,89	6,75	6,89	6,75	6,89	6,75	6,89	
	on the 2 nd gear	12,98	12,64	12,64	12,98	12,64	12,98	12,64	12,98	12,64	12,98	12,64	12,98	12,64	12,98	12,64	12,98	12,64	12,98	12,64	12,98	
	on the 3 rd gear	20,76	20,36	20,36	20,76	20,36	20,76	20,36	20,76	20,36	20,76	20,36	20,76	20,36	20,76	20,36	20,76	20,36	20,76	20,36	20,76	
	on the 4 th gear	29,52	28,95	28,95	29,52	28,95	29,52	28,95	29,52	28,95	29,52	28,95	29,52	28,95	29,52	28,95	29,52	28,95	29,52	28,95	29,52	
	on the 5 th gear	38,09	37,36	37,36	38,09	37,36	38,09	37,36	38,09	37,36	38,09	37,36	38,09	37,36	38,09	37,36	38,09	37,36	38,09	37,36	38,09	
	on the 6 th gear	45,12	44,25	44,25	45,12	44,25	45,12	44,25	45,12	44,25	45,12	44,25	45,12	44,25	45,12	44,25	45,12	44,25	45,12	44,25	45,12	
STEERING	Servo	Serial	Serial	Serial	Serial	Serial	Serial	Serial	Serial	Serial	Serial	Serial	Serial	Serial	Serial	Serial	Serial	Serial	Serial	Serial	Serial	
	Ø turning between kerbs (m)	12,07	12,07	13,75	12,07	12,07	13,75	12,07	12,07	15,2	12,07	12,07	13,75	12,07	12,07	13,75	12,07	12,07	15,2	12,07	12,07	
	Ø turning between wall (m)	12,48	12,48	14,11	12,48	12,48	14,11	12,48	12,48	15,68	12,48	12,48	14,11	12,48	12,48	14,11	12,48	12,48	15,68	12,48	12,48	
	number of steering wheel turns	3,57	3,57	3,57	3,57	3,57	3,57	3,57	3,57	3,57	3,57	3,57	3,57	3,57	3,57	3,57	3,57	3,57	3,57	3,57	3,57	
SUSPENSION	Front suspension	Multitrod										Multitrod										
	Rear suspension	Rigid axis, leaf springs										Rigid axis, leaf springs										
	Ø front stabil. (mm)	-	26	-	-	-	26	-	-	-	26	-	-	-	26	-	-	-	26	-	23	
	Ø rear stabil. (mm)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WHEELS AND TYRES	Size of wheel rims (")	6 J 16	6 J 16	6 J 16	6 J 16	6 J 16	6 J 16	6 J 16	6 J 16	6 J 16	6 J 16	6 J 16	6 J 16	6 J 16	6 J 16	6 J 16	6 J 16	6 J 16	6 J 16	6 J 16	6 J 16	
	Size of tyres front/rear	195/65	215/65 R 16	215/65 R 16	215/65 R 16	215/65 R 16	215/65 R 16	215/65 R 16	215/65 R 16	215/65 R 16	215/65 R 16	215/65 R 16	215/65 R 16	215/65 R 16	215/65 R 16	215/65 R 16	215/65 R 16	215/65 R 16	215/65 R 16	215/65 R 16	215/65 R 16	
BRAKING SYSTEM	Type of the system (with ABS / without ABS)	X / IH										X / IH										
	ABS (Bosch 8.0)	Serial (Optionally in Komfort versions)										Serial (Optionally in Komfort versions)										
	Anti-Block system	Serial										Serial										
	ESP	Optionally										Optionally										
	Servo:	Pojedyncze (Ø 11)										Pojedyncze (Ø 11)										
	Front	Velve discs (Ø 305 mm)										Velve discs (Ø 305 mm)										
	Rear	Solid discs (Ø 305 mm)										Solid discs (Ø 305 mm)										
PERFORMANCES	Maximum speed (km/h)	140	138	140	138	138	135	147	144	147	144	140	144	140	144	140	144	140	144	140	140	
	0-100 km/h (w.s.)	21'5										17'9										
	400 m from holded start (w.s.)	21'5										20'8										
	1000 m from holded start (w.s.)	41'4										39'6										
AERODYNAMIKA	Współczynnik Cx	0,41	0,41	0,41	0,41	0,41	0,41	0,41	0,41	0,41	0,41	0,41	0,41	0,41	0,41	0,41	0,41	0,41	0,41	0,41	0,41	
FUEL CONSUMPTION	CO2 (g/km) *	230	230	232	230	232	222	232	232	232	232	230	232	230	232	232	232	232	232	232	232	
	standard CEE	10,6	10,6	10,7	10,7	10,6	9,8	10,7	10,7	9,8	10,7	10,6	10,7	10,7	10,6	10,7	10,7	10,7	10,7	10,7	10,7	
	n°93/116	7,7	7,7	7,8	7,8	7,7	7,5	7,8	7,8	7,8	7,8	7,7	7,8	7,8	7,7	7,8	7,8	7,8	7,8	7,8	7,8	
	in l/100km	8,7	8,7	8,8	8,8	8,7	8,3	8,8	8,8	8,4	8,8	8,8	8,7	8,8	8,8	8,7	8,8	8,8	8,8	8,8	8,8	
FUEL TANK	Capacity (l)	100										100										
WEIGHT (kg)	Tare weigh	1815	1818	1846	1887	1825	1825	1853	1894	1895	1937	1964	1818	1846	1887	1825	1853	1894	1918	1937	1964	
	pressure on the front axis of an empty vehicle	1179	1181	1199	1229	1185	1189	1203	1233	1238	1264	1281	1181	1199	1229	1185	1203	1233	1249	1264	1281	
	pressure on the rear axis of an empty vehicle	636	637	647	658	640	636	650	661	657	673	683	637	647	658	640	650	661	669	673	683	
	allowable vehicle total weight	2800	3300	3300	3300	3500	3300	3500	3500	3300	3500	3300	3300	3300	3300	3500	3500	3500	3500	3500	3500	
	maximum pressure on the front axis	1570	1750	1750	1750	1850	1750	1850	1850	1750	1850	1850	1750	1750	1750	1850	1850	1850	1850	1850	1850	
	maximum pressure on the rear axis	1600	1900	1900	1900	2060	1900	2060	2060	1900	2060	2060	1900	1900	1900	2060	2060	2060	2060	2060	2060	
	allowable vehicle total weights with a trailer	4800	5300	5300	5300	5500	5300	5500	5500	5300	5500	5300	5300	5300	5300	5500	5500	5500	5500	5500	5500	
	capacity	714	1212	1188	1130	1405	1204	1379	1323	1123	1264	1242	1212	1188	1130	1405	1379	1323	1304	1264	1242	
	held trailer weight	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	
	unheld trailer weight	750	750	750	750	750	750	750	750	750	750	750	750	750	750	750	750	750	750	750	750	

*Data that concern consumption in the above chart were counted on the basis of data of Estate version. The above stated data in relation to the fact have only an informative character and cannot be treated as binding data.

Master - VAN

Technical data

Updated: 02.10.2006

ENGINE		2,5 dCi 120 Quickshift										2,5 dCi 150					
VERSION	Chassis type	Van	Van	Van	Van	Van	Van	Van	Van	Van	Van	Van	Van	Van	Van	Van	
	DMC	2.8	3.3	3.3	3.3	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	
	Wheelbase	Short	Short	Short	Medium	Short	Short	Medium	Medium	Long	Long	Medium	Long	Long	Medium	Long	
	Roof height	Low	Low	Elevated	Elevated	Low	Elevated	Elevated	High	Elevated	High	Elevated	Elevated	High	Elevated	High	
	Version code Komfort																
	Version code Business											FB4BBP	FB4CBP	FB4CCP			
	Version code Pack Clim				FK3BBQ			FK4BBQ		FK4CBQ	FK4CCQ	FK4BBP	FK4CBP	FK4CCP	FK4BBR	FK4CBR	FK4CCR
Technical type		FDA1DH	FDB1DH	FDB1EH	FDB1HH	FDC1DH	FDC1EH	FDC1HH	FDC1JH	FDC1LH	FDC1MH	FDCYH6	FDCYL6	FDCYM6	FDCYHH	FDCYLH	FDCYMH
Exhaust fumes emission norm		Euro 4 (without FAP)										Euro 4 (with FAP)					
	Number of seats	3 (2 in option)										3 (2 in option)					
ENGINE	Engine type	G9U 650										G9U 632					
	Swept volume (cm ³)	2464										2464					
	Cyl.diameter/piston stroke (mm)	87 x 92										87 x 92					
	Number of cylinders	4										4					
	Total number of cylinders	16										16					
	Max. power kW CEE (KM)	88 (120)										107 (145,5)					
	Rev.speed of max.power (rev./min)	3500										3500					
	Max twisting moment Nm CEE	300										320					
	Rev.speed of max twisting moment (rev./min)	1600										1500					
	Fuel injection type	direct + Common Rail										direct + Common Rail					
	Turbo-compressor	Turbo of a constant geometry with automatic regulation										Turbo of a changeable geometry controlled by trip-computer					
	Fuel	Diesel oil										Diesel oil					
	Pre-Catalyst / Catalyst / Constant particles filter	Serial / Serial / Not available										Serial / Not available / Serial					
GEARBOX	The kind of gearbox	Quickshift			Quickshift			Quickshift				Mechanical			Quickshift		
	gearbox type	PA0	PA0			PA0				PF6			PA0				
	number of gears	6	6			6				6			6				
	Speed by rev./min. on the 1 st gear	6,89	6,75			6,89				6,89			6,89				
	on the 2 nd gear	12,88	12,64			12,88				12,88			12,88				
	on the 3 rd gear	20,76	20,37			20,76				20,76			20,76				
	on the 4 th gear	29,52	28,97			29,52				29,52			29,52				
	on the 5 th gear	38,09	37,38			38,09				38,09			38,09				
	on the 6 th gear	45,12	44,27			45,12				48,34			48,34				
STEERING	Servo	Seryjnie	Seryjnie			Seryjnie				Seryjnie	Seryjnie			Seryjnie			
	Ø turning between kerbs (m)	12,07	12,07	13,75	12,07	13,75	15,2	12,07	13,75	15,2	Seryjnie	Seryjnie	13,75	15,2	Seryjnie	15,2	
	Ø turning between wall (m)	12,48	12,48	14,11	12,48	14,11	15,68	12,48	14,11	15,68	14,11	15,68	14,11	15,68	14,11	15,68	
	number of steering wheel turns	3,57	3,57			3,57				3,57	3,57			3,57			
SUSPENSION	Front suspension	Multirod										Multirod					
	Rear suspension	Rigid axis, leaf springs										Rigid axis, leaf springs					
	Ø front stabil. (mm)	-	26			26				26			26				
	Ø rear stabil. (mm)	-	-			23				-			23				
WHEELS AND TYRES	Size of wheel rims (*)	6 J 16	6 J 16			6 J 16				6 J 16			6 J 16				
	Size of tyres front/rear	180/65 R 16	215/65 R 16			225/65 R 16				225/65 R 16			225/65 R 16				
BRAKING SYSTEM	Type of the system (with ABS / without ABS)	X / -										X / IH					
	ABS (Bosch 8.0)	Serial										Serial					
	Anti-Block system	Serial										Serial					
	ESP	-										Optionally					
	Servo:	Pojedyncze (Ø 11)										Pojedyncze (Ø 11)					
	Front	Velve discs (Ø 305 mm)										Velve discs (Ø 305 mm)					
	Rear	Solid discs (Ø 305 mm)										Solid discs (Ø 305 mm)					
PERFORMANCES	Maximum speed (km/h)	147	147	144	147	144	140	144	147	144	144	144	144	144	144	140	
	0-100 km/h (w s.)	17'9										-					
	400 m from holded start (w s.)	20'8										-					
	1000 m from holded start (w s.)	39'6										-					
AERODYNAMICS	Coefficient Cx	0,41			0,41			0,41				0,41			0,41		
FUEL CONSUMPTION	CO ₂ (g/km) *	219	219	222	222	219	222	222	222	222	222	238	238	238	226	226	226
	standard CEE	9,8	9,8	9,8	9,8	9,8	9,8	9,8	9,8	9,8	9,8	11	11	11	10,5	10,5	10,5
	n°93/116	7,5	7,5	7,8	7,8	7,5	7,8	7,8	7,8	7,8	7,8	7,8	7,8	7,8	7,4	7,4	7,4
	in l/100km	8,3	8,3	8,4	8,4	8,3	8,4	8,4	8,4	8,4	8,4	9	9	9	8,6	8,6	8,6
FUEL TANK	Capacity (l)	100										100					
WEIGHT (kg)	Tare weight	1822	1825	1853	1895	1833	1860	1902	1926	1945	1972	1867	1951	1979	1916	1959	1986
	pressure on the front axis of an empty vehicle	1187	1189	1207	1238	1193	1211	1242	1257	1272	1290	1220	1280	1298	1258	1288	1304
	pressure on the rear axis of an empty vehicle	635	636	646	657	640	649	660	669	673	682	647	671	681	658	671	682
	allowable vehicle total weight	2800	3300	3300	3300	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500
	maximum pressure on the front axis	1570	1750	1750	1750	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850
	maximum pressure on the rear axis	1600	1900	1900	1900	2060	2060	2060	2060	2060	2060	2060	2060	2060	2060	2060	2060
	allowable vehicle total weights with a trailer	4800	5300	5300	5300	5500	5500	5500	5500	5500	5500	5500	5500	5500	5500	5500	5500
	capacity	708	1204	1179	1123	1397	1372	1315	1297	1256	1234	1367	1252	1229	1303	1243	1222
	holded trailer weight	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000
	unholded trailer weight	750	750	750	750	750	750	750	750	750	750	750	750	750	750	750	750

*: Data that concern consumption in the above chart were counted on the basis of data of Estate version. The above stated data in relation to the fact have only an informative character and cannot be treated as binding statement of Renault!