

TECHNICAL DATA - **508 sw**
Summary - 01/2011



		PETROL			DIESEL					
		1.6 litre VTi "120" Electronically-controlled 6-speed manual gearbox*	1.6 litre THP "156" 6-speed manual gearbox	1.6 litre THP "156" 6-speed automatic gearbox *	1.6 litre HDi FAP "112" 5-speed manual gearbox	1.6 litre e-HDi FAP "112" Electronically-controlled 6 speed manual gearbox	2.0 litre HDi FAP "140" 6-speed manual gearbox	2.0 litre HDi FAP "163" 6-speed automatic gearbox *	2.2 litre HDi FAP "204" 6-speed automatic gearbox	
		EP6C Euro 5	EP6CDT Euro 5	EP6CDT Euro 5	DV6C Euro 5		DW10B Euro 5	DW10C Euro 5	DW12C Euro 5	
GENERAL	Capacity (cm ³)	1 598			1 560		1 997		2 179	
	Maximum power in kW (or bhp) / engine speed (rpm)	88 (120) / 6 000	115 (156) / 6 000		82 (112) / 3 600		103 (140) / 4 000	120 (163) / 3 750	150 (204) / 3 500	
	Maximum torque (Nm) / engine speed (rpm)	160 / 4 250	240 / 1 400 à 4 000		240 - 254 ⁽¹⁾ /1500 at 3000	270 - 285 ⁽¹⁾ /1750 at 2000	320 - 340 ⁽¹⁾ / 2 000	340 / 2 000 at 3 000	450 / 2 000 at 2 750	
	Gearbox	MCP / C - 6-speed electronically-controlled	MCM / C - 6-speed manual	AT6 - 6-speed automatic	BE4 / 5L - 6-speed manual	MCP / D - 6-speed electronically-controlled	ML6C / L - 6-speed manual	AM6 - 6-speed automatic		
	Tyres	215 / 60 R16 - 215 / 55 R17 - 235 / 45R18 - 235 / 40R19								
PERFORMANCE (driver only / ½ payload)	Maximum speed (kph)	203	218	217	188	194	210	223	232	
	Acceleration (seconds) • 1,000 m standing start • 0 to 100 kph	33,1 / 34,4 11,8 / 13,2	29,6 / 30,7 8,8 / 9,7	30,6 / 31,7 9,5 / 10,5	33,3 / 34,5 11,6 / 13,0	33,5 / 34,7 12,3 / 13,6	31,3 / 32,4 10,1 / 11,1	30,5 / 31,6 9,5 / 10,5	29,2 / 30,1 8,4 / 9,2	
	In-gear acceleration (seconds) • 80 to 120 kph in next to top gear • 80 to 120 kph in top gear	9,2 / 10,4 ⁽²⁾ -	10,5 / 12,0 13,0 / 14,9	6,3 / 7,1 (2) -	9,3 / 10,6 11,7 / 13,3	8,7 / 9,9 ⁽²⁾ -	9,6 / 10,8 13,4 / 15,1	6,8 / 7,6 ⁽²⁾ -	5,3 / 5,9 ⁽²⁾ -	
	FUEL CONSUMPTION	ECE - urban (litres/100 km)	9,0	9,3	10,5	5,9	5,1	6,8	7,6	8,1
	EUDC - extra urban (litres/100 km)	4,7	5,0	5,2	4,2	4,1	4,0	4,6	4,7	
	Combined (litres/100 km)	6,3	6,5	7,1	4,8	4,5 / 4,2 ⁽³⁾	5,0	5,7	5,9	
	CO ₂ emissions (g/km)	145	150	165	125	116 / 110 ⁽³⁾	130	150	154	
	Fuel tank capacity (litres)	72								
DIMENSIONS (m)	Overall length	4,813								
	Body width to handles / with door mirrors folded / open	1,853 / 1,920 / 2,068								
	Kerb height (with full tank)	1,476								
	Wheelbase	2,817								
	Front overhang / Rear overhang	0,985 / 1,011								
	Front track / Rear track	16" steel wheel: 1579/1552; 16" alloy wheel and 17": 1,581/1,554 ; 18" : 1576/1548; 18" and 19" on 2.2 litre HDi: 1568/1544								
BOOT	Boot volume according to VDA method 210 (dm ³) / litres of water	560 dm ³ VDA with puncture repair kit (-42 dm ³ with spare wheel) / 660 litres of water with puncture repair kit (-48 litres with spare wheel)								544 / 641 (-26 dm ³ / -29 l of water with spare wheel)
WEIGHT (kg)	Kerb weight (with full tanks)	1 410	1 420	1 430	1 425	1 430	1 500	1 540	1 660	
AERODYNAMICS	SCx drag area (m ²)	0,65			0,65	0,65 / 0,62 ⁽³⁾	0,65	0,62	0,67	

(*) Launch from spring 2011 (beginning of 2011 for other engines), data in the course of approval

(1) With overboost

(2) Performance in Automatic mode

(3) Summer 2011: technical developments and renewed approvals