

ENGINES

Type
Configuration
Displacement, cm³
Bore (mm)
Stroke (mm)
Engine cylinder block material
Cylinderhead material
Combustion chamber type
Compression ratio
Valves, no/cylinder
Camshafts
Engine management system
Ignition sequence
Engine idling speed
Fuel, rec. octane
Max output, kW (ps)/rpm.
Max torque, Nm/rpm.

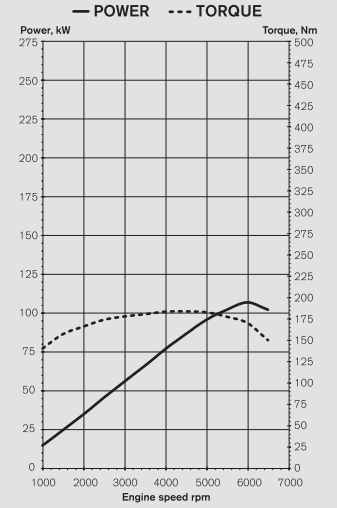
POWER AND TORQUE →

Manual gearbox/final drive
Automatic gearbox/final drive

PERFORMANCE

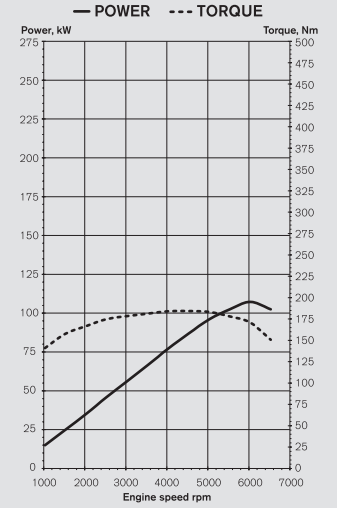
Gearbox
Acceleration, 0–100 km/h (sec)
Top speed, km/h
Fuel consumption l/100 km (EC 1999/100, combined)
CO ₂ g/km

ETHANOL/PETROL 2.0F
4 cyl. Naturally aspirated
Transverse, FWD
1999
87.5
83.1
Aluminium
Aluminium
Pent-roof
10.8:1
4
2
Integrated fuel (SFI) / ignition control system
1-3-4-2
800
E85/95–98 RON
107 (145)/6000
190/4500



MTX75 / 4.07
MPS6 / 3.24 ^A
Manual Automatic
10.9 11.3
205 195
11.6 (E85 ^B) 11.9 (E85 ^B)
8.3 (petrol) 8.5 (petrol)
191 (E85 ^B) 195 (E85 ^B)
199 (petrol) 203 (petrol)

PETROL 2.0
4 cyl. Naturally aspirated
Transverse, FWD
1999
87.5
83.1
Aluminium
Aluminium
Pent-roof
10.8:1
4
2
Integrated fuel (SFI) / ignition control system
1-3-4-2
800
95–98 RON
107 (145)/6000
190/4500



MTX75 /4.07
Manual
10.9
205
8.3
199

PETROL 2.5T
In-line, 5-cylinder LPT
Transverse, FWD
2521
83
93.2
Aluminium
Aluminium
Pent-roof
9.0:1
4
2
Integrated fuel (SFI) / ignition control system
1-2-4-5-3
720
95–98 RON
169 (230)/4800
340/1500–4500

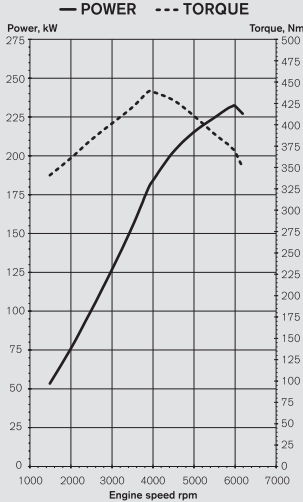
M66W / 3.77
AWTF / 3.33
Manual Automatic
7.7 8.0
235 230
9.3 10.2
223 244

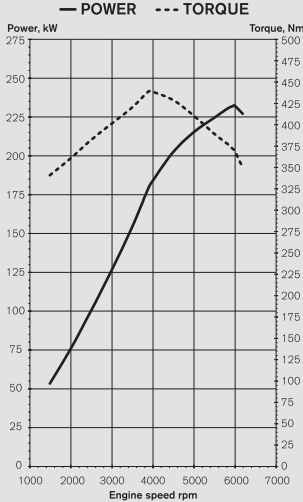
^A Gear 5 & 6 (4.53 Gear 1, 2, 3, 4) ^B E85 Bio-Ethanol

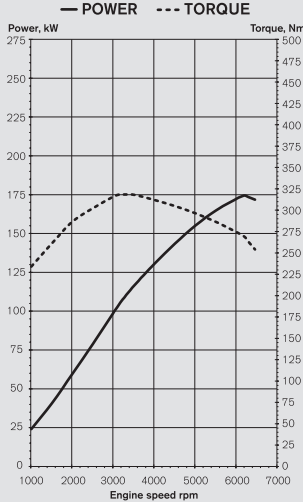
TRANSMISSIONS

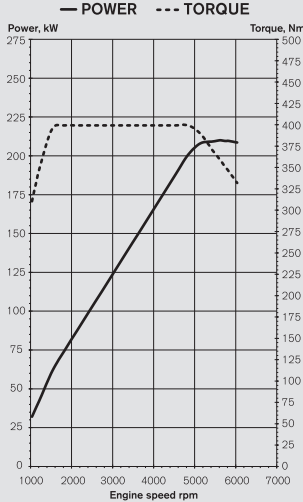
6-speed manual gearbox.
6-speed adaptive automatic geartronic transmission, electronically controlled, with lock-up and winter mode selection.

Ratio	AWTF-80SC	M66W-F3A	M66W-F2A	M66D-F2A	M66D-F3A	MTX75-Q2	MTX75-D1	MMT6-W3	MPS6-2
First	4.15	3.39	3.39	3.39	3.39	3.80	3.800	3.58	3.58
Second	2.37	1.91	1.91	1.91	1.91	2.14	2.048	1.95	2.05
Third	1.56	1.27	1.27	1.19	1.19	1.45	1.258	1.24	1.37
Fourth	1.16	0.95	0.95	0.84	0.84	1.11	0.865	0.87	1.03
Fifth	0.86	0.78	0.78	0.65	0.65	0.90	0.674	0.94	1.16
Sixth	0.69	0.65	0.65	0.54	0.54	–	–	0.79	0.97
Reverse	3.39	3.23	3.20	3.20	3.23	3.73	3.727	5.10	4.84

ETHANOL/PETROL 2.5FT	
In-line, 5-cylinder LPT	
Transverse, FWD	
2521	
83	
93.2	
Aluminium	
Aluminium	
Pent-roof	
9.0:1	
4	
2	
Integrated fuel (SFI) / ignition control system	
1-2-4-5-3	
720	
E85/95–98 RON	
169 (230)/4800	
340/1500–4500	
	
M66W / 3.77	
AWTF / 3.33	
Manual	Automatic
7.3	7.5
210	210
11.6 (E85 ^B)	12.5 (E85 ^B)
8.3 (petrol)	8.9 (petrol)
191 (E85 ^B)	206 (E85 ^B)
199 (petrol)	214 (petrol)

PETROL V8 AWD	
8-cylinder naturally aspirated	
Transverse, AWD	
4414	
94	
79.5	
Aluminium	
Aluminium	
Pent-roof	
10.4:1	
4	
4	
Integrated fuel (SFI) / ignition control system	
1-8-4-3-6-5-7-2	
675	
95–98 RON	
232 (315)/5950	
440/3950	
	
AWTF / 3.33	
Automatic	
6.5	
250	
12.1	
284	

PETROL 3.2	
In-line, 6-cyl. naturally aspirated	
Transverse, FWD/AWD	
3192	
84	
96	
Aluminium	
Aluminium	
Pent-roof	
10.8:1	
4	
2	
Integrated fuel (SFI) / ignition control system	
1-5-3-6-2-4	
650	
95–98 RON	
175 (238)/6200	
320/3200	
	
AWTF / 3.33 ^A 3.46 ^B	
Automatic ^A	Automatic ^B
7.9	8.2
240	235
10.5	10.8
246	255

PETROL T6 AWD	
In-line 6-cyl.turbo petrol	
Transverse, AWD	
2953	
82	
93.2	
Aluminium	
Aluminium	
Pent-roof	
9.3:1	
4	
2	
Microprocessor controlled fuel and ignition system with self diagnostics	
1-5-3-6-2-4	
650	
95–98 RON	
210 (285)/5600	
400/1500–4800	
	
AWTF / 3.33	
Automatic	
6.9	
250	
11.3	
267	

A FWD B AWD

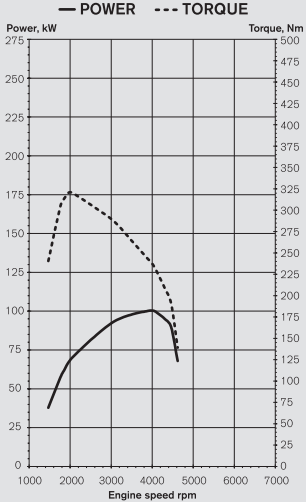
MEASUREMENTS AND VOLUMES

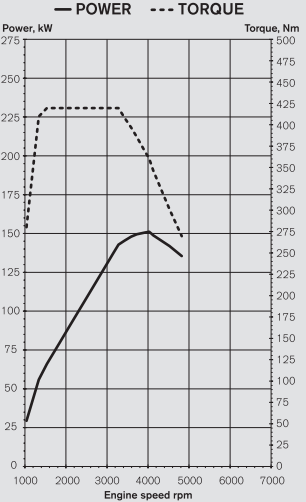
EXTERIOR MEASUREMENTS (MM)	
Length	4851
Width (without mirrors)	1861
Height (including shark fin)	1493
Wheelbase	2835
Track, front	1588/1578 ¹
Track, rear	1585/1575 ¹
Ground clearance (+2 pers)	148
Load height	691
WEIGHTS/MISCELLANEOUS	
Weight, kg (min–max, depending on model)	1520–1920
Fuel tank, l	70
Max. trailer weight, kg (depending on model)	1000–2000
Drag coefficient	0.29

INTERIOR MEASUREMENTS (MM)	
Headroom with sunroof (front/rear)	959/972
Headroom without sunroof (front/rear)	985/973
Passenger compartment width at shoulder height (front/rear)	1457/1431
Luggage volume, litres (DIN V210)	480
Load length	1094
Load length with rear seat folded down	1927
Loading height between cargo floor and parcel shelf	492
Width of luggage compartment between wheel arches	1130

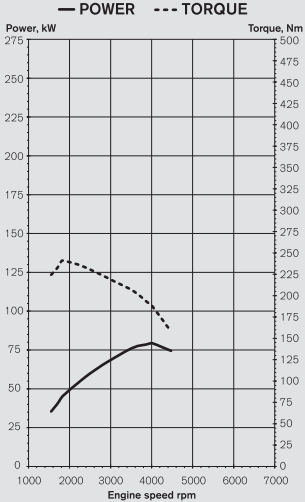
¹16"/17" Wheels

All figures are preliminary. Volvo reserves the right to make changes in the specifications without any notice.

DIESEL 2.0D	
In-line, 4-cylinder turbo diesel	
Transverse, FWD	
1997	
85	
88	
Aluminium	
Aluminium	
Re-Entry	
18.5:1	
4	
2	
Common rail electronic fuelling	
1-3-4-2	
800	
Diesel min. cetane 48	
100 (136)/4000	
320/2000	
	
MMT6 / 2.77 ^A	
Manual	
10.7	
200	
5.7	
151	

DIESEL D5	
In-line, 5-cylinder turbo diesel	
Transverse, FWD/AWD	
2400	
81	
93.15	
Aluminium	
Aluminium	
Re-Entry	
16.5:1	
4	
2	
Common rail electronic fuelling	
1-2-4-5-3	
700 aut 740 man	
Diesel min. cetane 48	
151 (205)/4000	
420/1500-3250	
	
M66D / 4.00	
AWTF / 3.20 ^A 3.30 ^B	
Manual	Automatic
9.5	10.0
215	210
5.8	6.7
154	177

DIESEL 2.4D	
In-line, 5-cylinder turbo diesel	
Transverse, FWD	
2400	
81	
93.15	
Aluminium	
Aluminium	
Re-Entry	
16.5:1	
4	
2	
Common rail electronic fuelling	
1-2-4-5-3	
700	
Diesel min. cetane 48	
129 (175)/3000-4000	
420/1500-2750	
M66D / 3.77	
AWTF / 3.01	
Manual	Automatic
8.5	9.0
225	225
6.2	6.7
164	178 ^B

DIESEL 1.6 DRIVE	
In-line, 4-cylinder turbo diesel	
Transverse, FWD	
1560	
75.0	
88.3	
Aluminium	
Aluminium	
Re-Entry	
18.3:1	
4	
2	
Common rail electronic fuelling	
1-3-4-2	
790	
Diesel min. cetane 48	
80 (109)/4000	
240/1750	
	
MTX75 / 3.56	
Manual	
13.0	
185	
4.9	
129	

^A Gear 5 & 6 (381 Gear 1, 2, 3, 4)

^A FWD ^B AWD

CHASSIS

Suspension	front	MacPherson Strut, Coil Springs, Hydraulic Shock Absorbers, Stabilizer Bar
	rear	Independent Suspension with Coil Springs, Hydraulic Shock Absorbers, Stabilizer Bar
Steering	Power Assisted Rack and Pinion Steering	
Turning circle (Curb to curb)	11.2 m	
Turns of steering wheel lock to lock	2.8	
Braking system	Antilock Braking System (ABS) with Electronic Brake Distribution (EBD) and Electronic Brake Assistance (EBA)	
Brake disc diameter (front/rear)	300, 316, 336 mm / 302 mm	