

ENGINES

Type	V8 AWD (B8444S)
Configuration	8-cylinder naturally aspirated
Displacement, cm ³	Transverse, all wheel drive
Bore/Stroke (mm)	4414
Engine cylinder block material	94/79.5
Cylinderhead material	Aluminium
Combustion chamber type	Aluminium
Compression ratio	Pent-roof
Valves, no/cylinder	10.4:1
Camshafts	4
Engine management system	4
Ignition sequence	Microprocessor controlled fuel and ignition system with self diagnostics
Engine idling speed	1-8-4-3-6-5-7-2
Fuel, rec. octane	675
Max output, kW (hp)/rpm.	91-98 RON
Max torque, Nm/rpm.	232 (315)/5850
	440/3900

POWER AND TORQUE →

TRANSMISSIONS

6-speed manual gearbox.
6-speed/5-speed adaptive automatic transmissions with Geartronic, electronically controlled, with lock-up and winter mode selection.

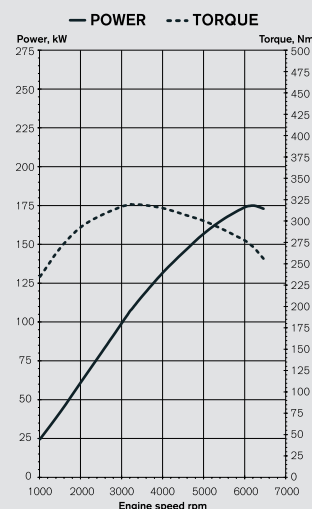
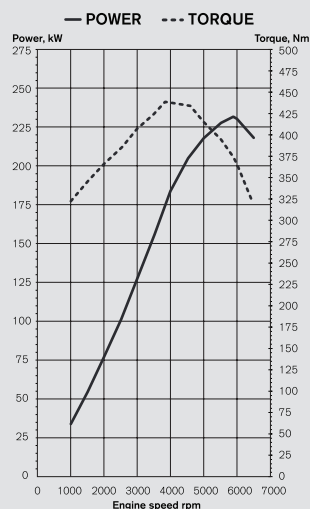
RATIO	AW55-51	M66E	AWTF-80SC
First	4.66	3.75	4.15
Second	3.03	1.91	2.37
Third	1.98	1.19	1.56
Fourth	1.34	0.84	1.16
Fifth	1.02	0.65	0.86
Sixth	–	0.54	0.69
Reverse	5.11	3.21	3.39

Manual gearbox/final drive	–
Automatic gearbox/final drive	AWTF-80SC/3.33

PERFORMANCE

Gearbox	Automatic
Acceleration, 0–100 km/h (sec)	AWTF-80SC
Top speed, km/h	7.3
Fuel consumption l/100 km (EC 199/100, combined)	210/190 (US)
CO ₂ g/km	13.3 (5-seat)/13.5 (7-seat)
	317 (5-seat)/322 (7-seat)

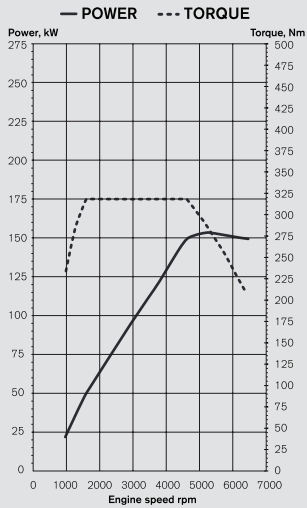
3.2 (3.2 AWD) (B6324S)
In-line, 6-cylinder naturally aspirated
Transverse, all wheel drive
3192
84/96
Aluminium
Aluminium
Pent-roof
10.8:1
4
2
Microprocessor controlled fuel and ignition system with self diagnostics
1-5-3-6-2-4
650
91-98 RON
175 (238)/6200
320/3200



Manual gearbox/final drive	–
Automatic gearbox/final drive	AWTF-80SC/4.06

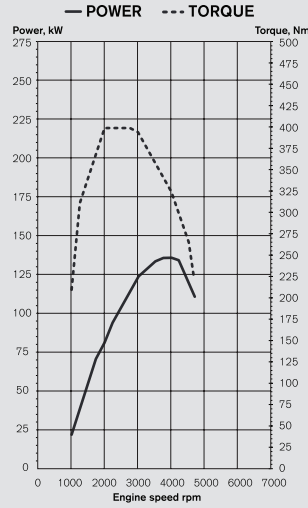
Gearbox	Automatic
Acceleration, 0–100 km/h (sec)	AWTF-80SC
Top speed, km/h	9.5 (AWD)/9.3 (FWD)
Fuel consumption l/100 km (EC 199/100, combined)	210 / 190 (US)
CO ₂ g/km	12.0 (5-seat)/12.1 (7-seat)
	287 (5-seat)/289 (7-seat)

2.5T AWD (B5254T2)
In-line 5 cyl., light press. turbo
Transverse, all wheel drive
2521
83/93.2
Aluminium
Aluminium
Pent-roof
9.0:1
4
2
Microprocessor controlled fuel and ignition system with self diagnostics
1-2-4-5-3
670
91-98 RON
154(210)/5000
320/1500-4500



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AW55-51/2.86
Automatic
AW55-51
9.9
210/190 (US)
11.7 (5-seat)/11.8 (7-seat)
280 (5-seat)/282 (7-seat)

D5 AWD (D5244T4)
In-line 5 cyl. Turbo diesel
Transverse, all wheel drive
2400
81/93.15
Aluminium
Aluminium
Re-Entry
17.3:1
4
2
Integr. Fuel/ignition system
1-2-4-5-3
700
Diesel EN590 Min Cetane 48
136 (185)/4000
400/2000-2750



M66E/4.79	
AWTF80SC/3.75	
Manual	Automatic
M66E	AWTF80SC
10.9	11.5
195	190
8.2 (5-seat)/ 8.3 (7-seat)	9.0
217 (5-seat)/ 219 (7-seat)	239

MEASUREMENTS AND VOLUMES

EXTERIOR MEASUREMENTS (CM)	
Length	480,7
Width	190/194 ⁵
Height (With/without rails)	178/174
Wheelbase	286
Track, front	163
Track, rear	162
Ground clearance	21.8

WEIGHTS/MISCELLANEOUS	
Weight, kg	1982 ² /2046 ³
Fuel tank, l	80/68 ⁴
Max. trailer weight, kg	2250
Drag coefficient	0.36

INTERIOR MEASUREMENTS (CM)	
Headroom with sunroof (front/rear)	101/99 (101/98/90 ³)
Headroom without sunroof (front/rear)	102/100 (90 ³)
Passenger compartment width at shoulder height (front/rear)	148/146
Luggage volume, litres (ISO V211/V212)	613/914
Load length	112 ² /125 ³
Load length with rear seat(s) folded down	189
Load length with rear seat(s) and front passenger seat folded down	291
Height of luggage compartment	87
Width of luggage compartment between wheel arches	113

CHASSIS		
Suspension	front	Spring-strut, lower link, anti-roll bar
	rear	Individual, multilink, coil springs, anti-roll bar
Steering	Rack and pinion, power assisted	
Turning circle	11.9 m (16" wheel)	
	12.5 m (17", 18" wheel)	
	13.1 m (19" wheel)	
Turns of steering wheel end to end	2.8 (16"), 2.7 (17", 18"), 2.5 (19")	
Braking system	ABS system with EBD.	
	Ventilated discs front and rear.	
Brake disc diameter	16" Front/Rear	306/308 mm
	17", 18", 19" Front/Rear	336/308 mm

²5-seat ³7-seat ⁴D5 ⁵Sport