

# Volvo S40

Cont'd Volvo S40 →

## ENGINES

Type
Configuration
Displacement, cm <sup>3</sup>
Bore/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 (hp)/rpm.
Max torque, Nm/rpm.

## POWER AND TORQUE →

### TRANSMISSIONS

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

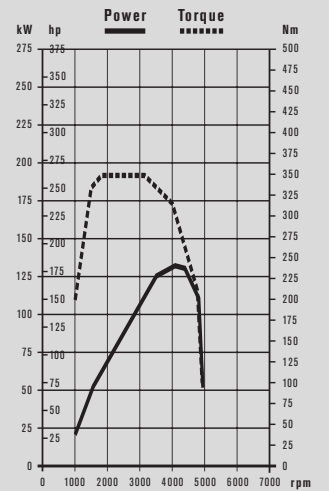
RATIO	AW55-51
First	4.66
Second	3.03
Third	1.98
Fourth	1.34
Fifth	1.02
Reverse	5.11

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 17/1999, combined)
CO <sub>2</sub> g/km

<b>Volvo S40 D5 (D5244T8)</b>
In-line 5 cyl. turbo diesel
Transverse, front wheel drive
2400
81/93,2
Aluminium
Aluminium
Re Entry
17.3
4
2
Common-Rail Direct Injection with self diagnostics
1-2-4-5-3
760
Diesel Min Cetane 48
132 (180)/4000
350/1750-3250



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AW55-51/2.27
Automatic
8.5
225
7.0
184

**MEASUREMENTS AND VOLUMES**

EXTERIOR MEASUREMENTS (CM)	
Length	447
Width	177
Height	145
Wheelbase	264
Track, front	154
Track, rear	153
Ground clearance	14
Liftover height	64
WEIGHTS/MISCELLANEOUS	
Weight/kg min.	1457
Fuel tank, l	60
Max. trailer weight, kg	1500
Drag coefficient	0.31
INTERIOR MEASUREMENTS (CM)	
Headroom with sunroof (front/rear)	97/95
Headroom without sunroof (front/rear)	99/95
Shoulder room (front/rear)	140/137
Cargo volume	325
Load length	98
Load length with rear seat folded down	175
Load length with rear seat and front passenger seat folded down	302
Height of luggage compartment	36
Width of luggage compartment between wheel arches	103

**CHASSIS**

Suspension	front	Spring-strut, lower link, anti-roll bar
	rear	Individual Multi-link suspension, anti-roll bar
Steering		Rack and pinion, power assisted
Turning circle, curb to curb		10.6 m
Braking system		ABS system with EBD.
		Ventilated discs front, discs rear
Brake disc diameter,	front	320 mm
	rear	280 mm
DSTC (Dynamic Stability Traction Control)		Option (standard certain markets)

# Volvo V50

Cont'd Volvo V50 →

## ENGINES

Type
Configuration
Displacement, cm <sup>3</sup>
Bore/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 (hp)/rpm.
Max torque, Nm/rpm.

## POWER AND TORQUE →

### TRANSMISSIONS

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

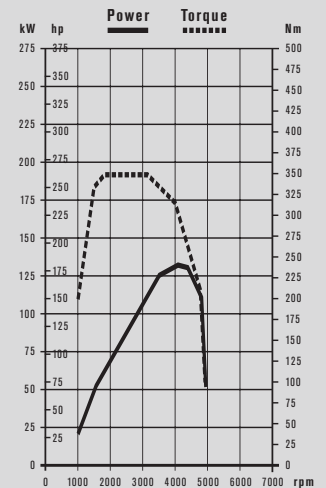
RATIO	AW55-51
First	4.66
Second	3.03
Third	1.98
Fourth	1.34
Fifth	1.02
Reverse	5.11

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 17/1999, combined)
CO <sub>2</sub> g/km

<b>Volvo V50 D5 (D5244T8)</b>
In-line 5 cyl. turbo diesel
Transverse, front wheel drive
2400
81/93,2
Aluminium
Aluminium
Re Entry
17.3
4
2
Common-Rail Direct Injection with self diagnostics
1-2-4-5-3
760
Diesel Min Cetane 48
132 (180)/4000
350/1750-3250



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AW55-51/2.27
Automatic
8.6
220
7.0
184

**MEASUREMENTS AND VOLUMES**

EXTERIOR MEASUREMENTS (CM)	
Length	451
Width	177
Height	145
Wheelbase	264
Track, front	155
Track, rear	154
Ground clearance	14
Liftover height, high floor	66.3
WEIGHTS/MISCELLANEOUS	
Weight/kg min.	1476
Fuel tank, l	52
Max. trailer weight, kg	1500
Drag coefficient	0.32
INTERIOR MEASUREMENTS (CM)	
Headroom with sunroof (front/rear)	97/97
Headroom without sunroof (front/rear)	99/97
Shoulder room (front/rear)	140/137
Cargo volume (ISO V211/ISO V212/ISO V214), high floor	362/708/1257
Load length	98.9
Load length with rear seat folded down	176.6
Load length with rear seat and front passenger seat folded down	306.0
Height of luggage compartment, high floor	75.0
Width of luggage compartment between wheel arches	96

**CHASSIS**

Suspension	front	Spring-strut, lower link, anti-roll bar
	rear	Individual Multi-link suspension, anti-roll bar
Steering		Rack and pinion, power assisted
Turning circle, curb to curb		10.6 m
Braking system		ABS system with EBD. Ventilated discs front, discs rear
Brake disc diameter,	front	320 mm
	rear	280 mm
DSTC (Dynamic Stability Traction Control)		Option (standard certain markets)