Volvo S80 U.S. Market

ENG	INES
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Туре
Configuration
Displacement, cm ³
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

٧8

8-cylinder naturally aspirated

Transverse, all wheel drive

4414

94/79.5

Aluminium

Aluminium

Pent-roof

10.4:1

4

4

Microprocessor controlled fuel and ignition system with self diagnostics

1-8-4-3-6-5-7-2

675

91-98 RON

311/5950

325/3950



Max output, hp/rpm.

Max torque, lb.-ft./rpm.

Manual gearbox/final drive
Automatic gearbox/final drive

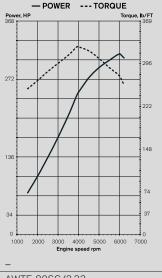
PERFORMANCE

Gearbox

Acceleration, 0-62 mph (sec)

Top speed, mph

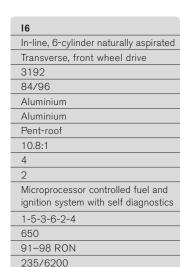
Fuel consumption, mpg

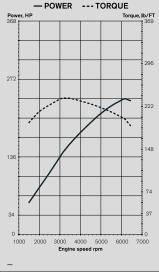


AWTF-80SC/3.33

TDB

Automatic 6.5 130





AWTF-80SC/3.33

236/3200

Automatic 8.0 130 TDB

MEASUREMENTS AND VOLUMES

MEASUREMENTS AND VOLUMES	
EXTERIOR MEASUREMENTS (IN)	
Length	191
Width	73
Height	59
Wheelbase	112
Track, front	63/62 ^A
Track, rear	62/62 ^A
Ground clearance	6/5.5⁵
Load height	27
WEIGHTS/MISCELLANEOUS	
Curb-weight, lb min.	3486-3839 ^B
Fuel tank, I	18.5
Max. trailer weight, lb	3968°/4409 ^B
Drag coefficient	0.29
INTERIOR MEASUREMENTS (IN)	
Headroom with sunroof (front/rear)	38/38
Headroom without sunroof (front/rear)	39/38
Passenger compartment width at	58/56
shoulder height (front/rear)	
Luggage volume, ft ³ (DIN V210)	17
Load length	44
Load length with rear seat folded down	77
Loading height between cargo floor and parcel shelf	18
Width of luggage compartment	43
between wheel arches	

CHASSIS

Suspension	front	Spring-strut, lower link, anti-roll bar
	rear	Individual, Multi-Link,
		with coil springs, anti-roll bar
Steering		Rack and pinion, power assisted
Turning circle		36 ft / 40 ft ^D
Turns of steering wheel lock to lock		2.8 / 2.6 ^D
Braking system		ABS system with EBD.
		Ventilated discs
Brake disc diameter (f	ront/rear)	12-13 in / 12 in
DOTO (D . OL 1.11	+ 0 .	1) 0: 1 1

DSTC (Dynamic Stability Traction Control) Standard

TRANSMISSIONS

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

RATIO	AWTF-80SC
First	4.15
Second	2.37
Third	1.56
Fourth	1.16
Fifth	0.86
Sixth	0.69
Reverse	3.39

^A17" Wheels ^BV8 ^CI6 ^DTires width 245