

# Volvo XC70 AWD

## ENGINES

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

## TRANSMISSIONS

5-speed manual gearbox.  
5-speed adaptive automatic transmission, electronically controlled, with lock-up and winter mode selection.  
Geartronic available for B5244T3.

Ratio	AW	
	M58L	55-50
First	3.39	4.66
Second	1.91	3.03
Third	1.19	1.98
Fourth	0.87	1.34
Fifth	0.70	1.02
Reverse	3.30	5.11

Manual gearbox/final drive
Automatic transmission/final drive

## PERFORMANCE

Gearbox
Acceleration, 0-100 km/h (sec)
Top speed, km/h
Fuel consumption l/100 km* (EC 17/1999, combined) (Figures within brackets valid for lower inertia class)
CO <sub>2</sub> g/km (Figures within brackets valid for lower inertia class)

\* Electronically controlled top speed.

## 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	11.9 m	
Turns of steering wheel end to end	2.8	
Braking system	ABS system with EBD. Ventilated discs front, discs rear	
Brake disc diameter (front/rear)	305/288 mm	

## MEASUREMENTS AND VOLUMES

Exterior measurements (cm)	Cross Country
Length	473
Width	186
Height	156
Wheelbase	276
Track, front	161
Track, rear	155
Ground clearance	20
Load height	67
Weights/Miscellaneous	
Weight/kg min.	1660/1690*
Fuel tank, l	68
Max. trailer weight, kg	1800
Drag coefficient	0.34

Interior measurements (cm)	
Headroom with sunroof (front/rear)	100/99
Headroom without sunroof (front/rear)	100/99
Passenger compartment width at shoulder height (front/rear)	143/142
Luggage volume, litres (DIN V211/V212/V214)	485/745/1641
Load length	109
Load length with rear seat folded down	185
Load length with rear seat and front passenger seat folded down	282
Height of luggage compartment	81
Width of luggage compartment between wheel arches	113

B5254T2		D5244T	
In-line 5-cyl., light pressure turbo		In-line 5-cyl. turbo diesel	
Transverse, all wheel drive		Transverse, front wheel drive	
2521		2401	
Aluminium		Aluminium	
Aluminium		Aluminium	
Pent-roof		-	
9.0		18.0	
4		4	
2		2	
Microprocessor controlled...		Integr. fuel/ignition system	
1-2-4-5-3		1-2-4-5-3	
670		700	
91-98 RON		Diesel Min Cetane 48	
154 (210)/5000		120 (163)/4000	
320/1500-4500		340/1750-3000	
M58L/4.25		-	
AW55-50/2.65		AW55-50/2.65	
Manual	Automatic	Manual	Automatic
8.1	8.5	-	11.5
210*	210*	-	195
10.4 (n.a.)	11.3 (11.1)	-	8.5 (8.4)
249 (n.a.)	270 (266)	-	226 (223)

\* AWD Diesel