

VOLVO
S60



ENGINES AND TRANSMISSIONS

Variable valve timing on the exhaust side in the turbo engines means cleaner exhaust emissions in all driving conditions. The 140-bhp and 170-bhp petrol engines have variable valve timing on the inlet side for more even torque at all engine speeds.



The five-speed Geartronic adaptive automatic transmission can also be shifted manually for more active driving. Shift up by pushing the gear lever and down by pulling it towards you (available as option with the turbocharged petrol engines of 200 bhp and 250 bhp).

The smooth, powerful five-cylinder engine is an important part of the driving pleasure of the Volvo S60. You have access to the full power resources without having to press the engine - the response is immediate.

A new engine generation

The engine is a member of the new generation of Volvo petrol engines and comes in five versions ranging from 140 bhp to 250 bhp, with or without turbo. Low internal friction and the latest technology with electronic engine management and variable valve timings give good performance and low fuel consumption. At the same time, the engine meets the strictest international environmental requirements.

Petrol engines without turbo

The two 2.4-litre engines of 140 or 170 bhp inspire a relaxed driving style. At the same time, you can enjoy swift, safe overtaking and - not least - unusually attractive fuel economy. The highly-efficient combustion and emission control mean that these engines meet the strict European 2005 emission requirements.

Turbocharged petrol engines

The turbocharged 250-bhp 2.3-litre engine develops very high torque across the majority of the engine speed range. The high charge-air pressure in the turbo means extra power at high revs - this is an engine to inspire active driving.

The 200-bhp, 2.4-litre and 180-bhp 2.0-litre turbo engines provide maximum torque from low engine speeds - you can get moving fast and rarely need to shift down to overtake, for example. Lower charge-air pressure at high engine speeds means that acceleration is a little gentler, but still very powerful.

Transmissions

Choose between a five-speed manual gearbox or a five-speed adaptive automatic which adjusts the shifts to your driving style. It senses your driving and automatically selects one of two modes: 'Sport' for faster shifts down and higher performance or 'Economy' for lower fuel consumption and emissions. A special winter mode makes it easier to get moving - and keep moving - on slippery roads.

The Geartronic automatic transmission is available with the turbocharged petrol engines of 200 bhp and 250 bhp. This gives you two gearboxes in one - a five-speed adaptive automatic for relaxed driving and a manual for when you prefer more active driving.

VOLVO S60 TECHNICAL SPECIFICATION

ENGINE	2.0 T		2.4 T		T5	
Configuration	Transverse - 20 valve		Transverse - 20 valve		Transverse - 20 valve	
Cylinders	5		5		5	
Engine capacity, cc	1 984		2435		2319	
Bore x stroke, mm	81 x 77		83 x 90		81 x 90	
Max. output ECE, bhp/kw/rpm	1 80/132/5300		200/147/6000		250/184/5200	
Max. torque ECE, Nm/rpm	240/2200-5300		285/1800-5000		330/2400-5200	
Octane rating	95-98 RON ¹		95-98 RON ¹		95-98 RON ¹	
Fuel system	Multipoint fuel injection		Multipoint fuel injection		Multipoint fuel injection	
Compression ratio	9.5:1		9.0:1		8.5:1	
TRANSMISSION	Man	Auto	Man	Auto¹	Man	Auto¹
	5 speed	5 speed	5 speed	5 speed	5 speed	5 speed
POWER STEERING SYSTEM						
(rack & pinion) Turning circle, m (ft)						
¹ 95-225 section tyres	1 0.8 - 11.8 (35'4" - 38'7")		1 0.8 - 11.8 (35'4" - 38'7")		1 0.8 - 11.8 (35'4" - 38'7")	
PERFORMANCE	Man	Auto	Man	Auto	Man	Auto
Top speed, mph	1 40	134	1 43	1 40	1 55	1 52
Acceleration 0-62 mph, sec	8.8	9.5	7.6	8.0	6.8	7.1
Drag co-efficient	0.28		0.28		0.28	
BRAKES						
Full load stopping distance 62-0 mph, m (ft)	42(138)		42(138)		42(138)	
Full load stopping distance 62-0 mph, sets	3.0		3.0		3.0	
Disc diameter mm, front	16" - 305		16" - 305		16" - 305	
rear	16" - 288		16" - 288		16" - 288	
FUEL CONSUMPTION¹	Man	Auto	Man	Auto	Man	Auto
(Government Approved) Mpg (l/100km)**						
Urban	22.1 (12.8)	19.3 (14.6)	22.1 (12.8)	19.6 (14.4)	21.7 (13.0)	19.1 (14.8)
Extra Urban	39.8 (7.1)	37.7 (7.5)	39.8 (7.1)	37.7 (7.5)	39.8 (7.1)	36.7 (7.7)
Combined	30.7 (9.2)	28.0 (10.1)	30.7 (9.2)	28.2 (10.0)	30.4 (9.3)	27.4 (10.3)
CO2 g/km	220	242	220	239	222	246
Fuel tank volume, litres (gallons) is 70 (15.4)						
INSURANCE GROUPS						
Volvo S60	14		15		16	

¹ For best performance 98 RON is recommended. 95 RON can be used for normal driving.

¹ Geartronic transmission is also 5 speed.

¹ These results do not express or imply any guarantee of the fuel consumption of a particular car as there are inevitable differences between individual cars of the same model. Additionally driving style, traffic conditions, as well as the age and mileage and standard of maintenance will affect a car's fuel consumption.

¹ The Urban fuel consumption figure is based on typical city driving, including starting the car from cold.

The Extra Urban figure is based on typical motorway driving and cruising.

The Combined figure averages the consumption across both cycles.

Man = Manual transmission. Auto = Automatic transmission.

WEIGHTS

Min. kerb weight, kg (actual kerb weight dependent on spec.)	1 427
Max. possible towing weight braked, kg	1 600
Max. towing weight unbraked approx., kg*	500
Max. total weight, kg	2050
Max. roof load, kg	1 00
Max. payload, kg (dependent on spec. of car)	623

S60**LUGGAGE COMPARTMENT**

Volume, litres (cu. ft.)	394 (13.9)
Volume, rear seats down, litres (cu. ft.)	808 (28.5)

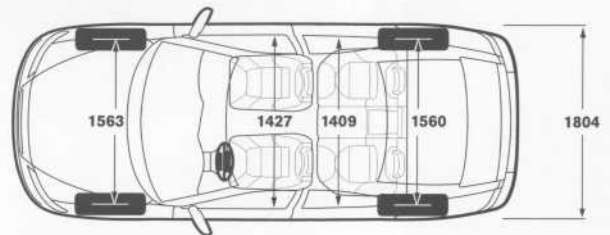
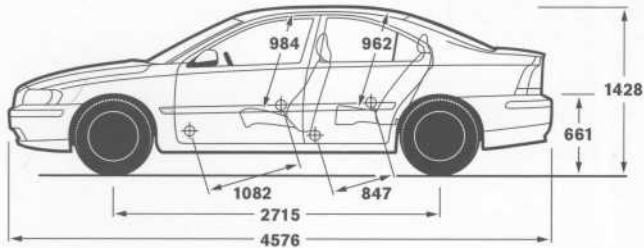
S60**WHEELS AND TYRES****Wheels**

- 1 6" Mimas Alloy Wheels
- 1 6" Metis Alloy Wheels
- 1 7" Tethys Alloy Wheels

Tyres

- 205/55 R16 89W Pirelli P6000**
- 215/55 R16 91 W Michelin MXM**
- 225/55 R17 90W Continental Sport Contact**

All weights for any specific vehicle will vary according to standard and optional equipment fitted.
 A weighbridge must be used to determine specific weights.
 Data valid for manual transmission unless specified.
 *Unbraked towing weight must not exceed 50% of kerb weight up to a maximum of 750 kg.



All measurements in mm.

NB Some of the information in this price list may not be correct due to product changes which may have occurred since it was printed. Some of the equipment described or shown may now be available only at extra cost. Before ordering, please ask your Volvo dealer for the latest information. The manufacturer reserves the right to make changes at any time, without notice, to prices, colour, materials, specifications and models.

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