

**THE NEW  
VOLVO  
V70**

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# THE NEW VOLVO V70 AWD

In the all-wheel drive new Volvo V70 AWD, the power is distributed between the wheels as circumstances require. If the front wheels begin to lose their grip, more power goes to the rear wheels. The result is outstanding stability and road-holding on all surfaces.

Getting started and getting around in slippery conditions present no difficulty. Volvo's TRACS anti-spin system makes sure that the wheel with the best grip gets the most power.

The engine is a 200-bhp turbo with high torque and good low-rev response.



Normally, the front wheels get almost all the power.



If the front wheels begin to spin, the rear wheels get more power.



If a wheel spins on one side, more power goes to the opposite wheel.



If there is more weight on the rear wheels, they get more power too.



When you brake, the rear wheels are disengaged, to reduce the risk of a skid.



## ENGINES

### **A new generation of petrol engines**

The two 2.4-litre engines of 140 bhp and 170 bhp are the first in a new generation of five-cylinder units. Low internal friction combined with electronic engine management and variable valve timings means both good performance and low fuel consumption. The highly-efficient combustion and emission control means that these engines meet the strict Californian ULEV (Ultra Low Emission Vehicle) requirements.

These engines are available from model year 2001.

### **Turbocharged petrol engines**

Three of the petrol engines are turbocharged. The 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 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, as in a powerful engine without turbo.

### **Direct-injection turbodiesel**

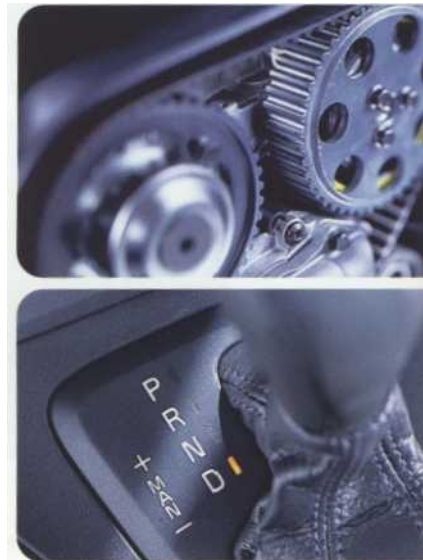
The diesel engine is an advanced 2.5-litre direct-injection unit that develops 140 bhp and takes the new Volvo V70 from 0 to 100 km/h in 10.7 seconds - and then on up to 200 km/h. Fuel consumption is 6.5 litres per 100 km in mixed driving.

### **Transmissions**

Choose between a five-speed manual gearbox or a five-speed adaptive automatic that senses your driving style and selects either the "Economy" or the "Sport" driving mode. 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. This is two gearboxes in one - a five-speed adaptive automatic and a manual for when you prefer active driving.

Variable valve timing on the exhaust side in the newly-developed 200-bhp turbo 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 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).