

TECHNICAL SPECIFICATIONS

Engine

Petrol engines

Five cylinders. Double overhead camshafts, 20 valves. Continuously variable valve timing (CVVT) on the inlet side (engines without turbo), exhaust side (engines with turbo) or both the inlet and exhaust sides (Volvo V70 AWD 2.5T). Three-way catalytic converter with Lambda sensor. Electronic engine management. Petrol engines with turbo (high-pressure or light-pressure) also with charge-air cooler (Intercooler).

Diesel engines

All-aluminium direct-injection common rail turbodiesel with five cylinders. Double overhead camshafts, 20 valves. Variable turbocharger. Charge-air cooler (Intercooler). Two-way catalytic converter with EGR. Electronic engine management.

Bi-Fuel engines

Five-cylinder Bi-Fuel engine which runs on gas (methane or LPG) with petrol as the reserve fuel. Double overhead camshafts, 20 valves. Continuously variable valve timing (CVVT) on the inlet side. Three-way catalytic converter with Lambda sensor. Electronic engine management.

Driveline

Front-wheel drive (Volvo V70 AWD with an electronically-controlled all-wheel drive system). Transverse engine. Five-speed all-synchromesh manual gearbox. As an alternative there is a five-speed electronically controlled automatic transmission with adaptive shifting pattern, winter mode and a lock-up function that reduces fuel consumption when cruising. The 210-bhp and 250-bhp turbo engines are also available with five-speed Geartronic adaptive automatic, which allows manual shifts. Geartronic is standard in the Volvo V70 AWD D5.

Electrical system

Multiplex digital electrical system with OBD (On Board Diagnosis). Battery capacity 12 V, 520 A (Volvo V70 2.4D and D5 680 A). Alternator 120 A.

Steering gear

Power-assisted rack and pinion steering gear. Steplessly adjustable steering wheel, vertically and horizontally. 2.8-3.0 turns between end stops (depending on tyres). Turning circle 10.9-11.9 m (depending on tyres).

Brakes

Power-assisted anti-lock disc brakes (ABS), ventilated discs at front. Electronic brake distribution between front and rear brakes (EBD). Diagonal-

split braking system.

Emergency Brake Assistance (EBA) in combination with DSTC.

Chassis

Front suspension with spring struts. Anti-dive and anti-lift function. Multi-link independent rear suspension with aluminium subframe. Anti-roll bars front and rear.

Options: Volvo's anti-spin system (STC). Volvo's anti-skid system (DSTC). Sports chassis with stiffer shock absorbers (standard with the turbocharged petrol engines). Automatic levelling. All-wheel drive (available with the 210-bhp turbo petrol engine and the 163-bhp turbodiesel).

Load capacity

With rear-seat backrest up: 485 litres (to the upper edge of the rear seat)

With rear-seat backrest completely down: 1641 litres

Max. load: 500 kg

Max roof load: 100 kg

Max trailer weight: 1800 kg

Weight

Kerb weight: 1528 kg (AWD 1604 kg)

Max total weight: 2150 kg (AWD 2200 kg)

Fuel tank

70 litres

23m³ methane/30 litres petrol (Bi-Fuel methane/petrol)

50 litres LPG/30 litres petrol (Bi-Fuel LPG/petrol)

Volvo V70 2.4 (140 bhp)

- Engine type: Five-cylinder petrol engine
- Displacement: 2435 cc
- Power output: 103 kW (140 bhp) at 4500 rpm
- Torque: 220 Nm at 3300 rpm
- Acceleration 0-100 km/h, man/auto: 10.5/11.4 sec
- Top speed, man/auto: 205/200 km/h
- Fuel consumption litres/100 km, mixed driving, man/auto*: 9.1 (9.0)/9.8(9.7)
- CO₂ emission, g/km, man/auto*: 217(214)/235(231)
- Environmental classification: Specific for each market
- Transmission: Five-speed manual gearbox or five-speed adaptive automatic

* May vary depending on the car's equipment level.

Volvo V70 2.4 (170 bhp)

- Engine type: Five-cylinder petrol engine
- Displacement: 2435 cc
- Power output: 125 kW (170 bhp) at 6000 rpm
- Torque: 225 Nm at 4500 rpm
- Acceleration 0-100 km/h, man/auto: 9.0/9.9 sec
- Top speed, man/auto: 21/210 km/h
- Fuel consumption litres/100 km, mixed driving, man/auto*: 9.3 (9.2)/9.9(9.8)
- CO2 emission, g/km, man/auto*: 221(220)/237(234)
- Environmental classification: Specific for each market
- Transmission: Five-speed manual gearbox or five-speed adaptive automatic

* May vary depending on the car's equipment level.

Volvo V70 2.0T (180 bhp)

- Engine type: Five-cylinder petrol light-pressure turbo engine
- Displacement: 1984 cc
- Power output: 132 kW (180 bhp) at 5300 rpm
- Torque: 240 Nm at 2200-5300 rpm
- Acceleration 0-100 km/h, man/auto: 9.1/9.8 sec
- Top speed: 210 km/h
- Fuel consumption litres/100 km, mixed driving, man/auto*: 9.4 (9.2)/10.4(10.2)
- CO2 emission, g/km, man/auto*: 223(219)/247(243)
- Environmental classification: Specific for each market
- Transmission: Five-speed manual gearbox or five-speed adaptive automatic

* May vary depending on the car's equipment level.

VOLVO V70 2,5T AWD (210 BHP)

- Engine type: Five-cylinder petrol light-pressure turbo engine
- Displacement: 2521 cc
- Power output: 154 kW (210 bhp) at 5000 rpm
- Torque: 320 Nm at 1500-4500 rpm
- Acceleration 0-100 km/h, man/auto: 7.6/8.0 sec
- Top speed, man/auto: 210/210 km/h
- Fuel consumption litres/100 km, mixed driving, man/auto*: 10.2 (10.0)/10.8(10.6)
- CO2 emission, g/km, man/auto*: 244(239)/258(255)
- Environmental classification: Specific for each market
- Transmission: Five-speed manual gearbox, five-speed adaptive automatic or five-speed Geartronic

* May vary depending on the car's equipment level.

Volvo V70 T5 (250 bhp)

- Engine type: Five-cylinder petrol high-pressure turbo engine
- Displacement: 2319 cc
- Power output: 184 kW (250 bhp) at 5200 rpm
- Torque: 330 Nm at 2400-5200 rpm
- Acceleration 0-100 km/h, man/auto: 7.1/7.5 sec
- Top speed, man/auto: 250/240 km/h
- Fuel consumption litres/100 km, mixed driving, man/auto*: 9.4 (9.3)/10.8(10.6)
- CO2 emission, g/km, man/auto*: 225(221)/258(254)
- Environmental classification: Specific for each market
- Transmission: Five-speed manual gearbox, five-speed adaptive automatic or five-speed Geartronic

* May vary depending on the car's equipment level.

VOLVO V70 2.4D (130 BHP)

- Engine type: Five-cylinder direct-injection common rail turbo-diesel engine
- Displacement: 2401 cc
- Power output: 96 kW (130 bhp) at 4000 rpm
- Torque: 280 Nm at 1750-3000 rpm
- Acceleration 0-100 km/h, man/auto: 11.9/12.3 sec
- Top speed, man/auto: 200/195 km/h
- Fuel consumption litres/100 km, mixed driving, man/auto*: 6.7 (6.5)/8.1(7.9)
- CO2 emission, g/km, man/auto*: 177(171)/215(209)
- Environmental classification: Specific for each market
- Transmission: Five-speed manual gearbox or five-speed adaptive automatic

* May vary depending on the car's equipment level.

Volvo V70 D5 (163 bhp)

- Engine type: Five-cylinder direct-injection common rail turbo-diesel engine
- Displacement: 2401 cc
- Power output: 120 kW (163 bhp) at 4000 rpm
- Torque: 340 Nm at 1750-3000 rpm
- Acceleration 0-100 km/h, man/auto: 9.8/10.2 sec
- Top speed, man/auto: 210/210 km/h
- Fuel consumption litres/100 km, mixed driving, man/auto*: 6.7 (6.5)/8.1(7.9)
- CO2 emission, g/km, man/auto*: 177(171)/215(209)
- Environmental classification: Specific for each market
- Transmission: Five-speed manual gearbox or five-speed adaptive automatic

automatic

* May vary depending on the car's equipment level.

VOLVO V70 AWD D5 (163 BHP)

- Engine type: Five-cylinder direct-injection common rail turbo-diesel engine
- Displacement: 2401 cc
- Power output: 120 kW (163 bhp) at 4000 rpm
- Torque: 340 Nm at 1750-3000 rpm
- Acceleration 0-100 km/h: 11.3 sec
- Top speed: 200 km/h
- Fuel consumption litres/100 km, mixed driving*: 8.5(8.4)
- CO2 emission, g/km*: 226(223)
Environmental classification: Specific for each market
- Transmission: Five-speed Geartronic

* May vary depending on the car's equipment level.

VOLVO V70 BI-FUEL METHANE/PETROL (140 BHP)

- Engine type: Five-cylinder Bi-Fuel methane (natural gas or biogas)/petrol engine
- Displacement: 2435 cc
- Power output: 103 kW (140 bhp) at 5800 rpm
- Torque: 192 Nm at 4500 rpm
- Acceleration 0-100 km/h, man/auto: 11.0/11.9 sec
- Top speed, man/auto: 205/200 km/h
- Fuel consumption m³/100 km, mixed driving, man/auto*: 8.7 (8.6)/9.5(9.3)
- CO2 emission, g/km, man/auto*: 171(169)/186(183)
- Environmental classification: Specific for each market

* May vary depending on the car's equipment level.

NB! All Bi-Fuel data refers to gas power. For specifications on petrol power, see the Volvo V70 2.4, 140 bhp.

VOLVO V70 BI-FUEL LPG/PETROL (140 BHP)

- Engine type: Five-cylinder Bi-Fuel LPG (liquefied petroleum gas)/petrol engine
- Displacement: 2435 cc
- Power output: 103 kW (140 bhp) at 5100 rpm
- Torque: 214 Nm at 4500 rpm
- Acceleration 0-100 km/h, man/auto: 10.6/11.5 sec
- Top speed, man/auto: 205/200 km/h
- Fuel consumption litres/100 km, mixed driving, man/auto*: 12.2

(12.0)/13.6(13.4)

- CO2 emission, g/km, man/auto*: 197(194)/221(218)
- Environmental classification: Specific for each market

* May vary depending on the car's equipment level.

NB! All Bi-Fuel data refers to gas power. For specifications on petrol power, see the Volvo V70 2.4, 140 bhp.

Warranty: 12-month international warranty without mileage limitation.

N.B. Some of this information may be incorrect due to product changes which may have occurred since it was published. 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.