

Volvo

V70 Bi-Fuel



Volvo V70 Bi-Fuel – a family car packed with features e.g. navigation, seat heating, CD/radio, etc. but never reaching the expectation the driver thinks he got - good fuel consumption and a wide mileage range. The environmental compatibility showed that the Volvo V70 Bi-fuel has an exceptionally low CO² emission. The car's fuel efficiency – in regard of weight and its engine – was first place in its class, but second only to a vehicle with a hybrid engine in the overall ranking. The network of natural gas (CNG) stations within Germany is ceaselessly growing and is today available at over 1,000 gas stations.

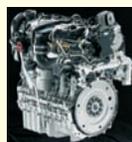
The Bi-Fuel model has two tanks – one for petrol and the other for natural gas. The gas tank is hidden under the rear seat/in front of axle and does not steal any loading space. However, the natural gas tank holds approximately 30 l, which offers an operational range of around 280 kilometres (gas) and an additional 260 km fuelled with petrol. Riding on the German Autobahn, you are in trouble: No natural gas is provided at any gas station. You have to exit from the autobahn and try to find some. A good thing would be if the navigation system would indicate where the next CNG station would be, but ... you must be a scout to be successful.

As well as being better for the environment, the V70 Bi-Fuel's advantage is that the driver does not have to

getting started

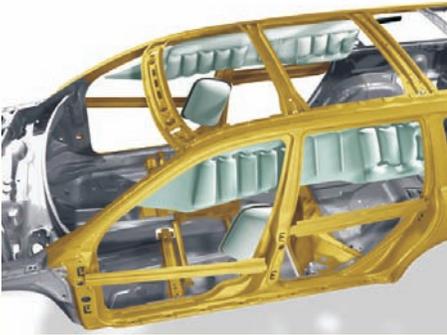


adjustments



how to





accessories



think about switching between the two fuel options (default = petrol). It is done electronically and without losing any performance while driving, but the driver has the ability to switch manually, too. The average consumption is around 10 m^3 (gas) and 12 l/100km (petrol), which is for a 2.4 l engine, providing 103 kW (140 PS), not bad at all.

Safety is another buzzword and the question is how? Volvo answers with DSTC – Dynamic Stability and Traction Control – and front, side and head airbags. In total a full cover solution with no open options.

conclusion

Sitting in the back seat is not as roomy as expected in a car that is 4.7 metres long. Performance wise the 2.4-litre engine is not sparkling, but keeping in mind that it is a family car, you can cruise around and enjoy the fortune of running on natural gas. This saves money on gas and maintenance costs, too. The Volvo V70 Bi-Fuel should have a larger CNG tank to offer a wider range and take the headache away to search for a gas station while riding on the autobahn.



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freelance technology writer based in Cologne/Germany