



green ncap

Suzuki Vitara

1.0 Boosterjet petrol 4x2 manual





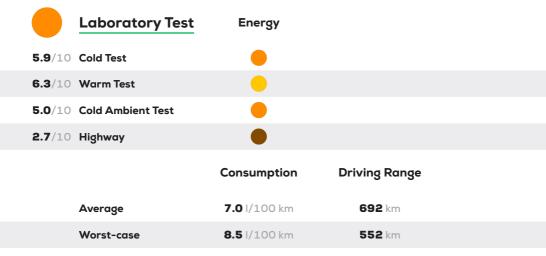
	Laboratory Tes			x NH ₃	со	PN
3.7 /10	Cold Test	•				
6.2 /10	Warm Test	•	•	•	•	
0.0 /10	Cold Ambient Test	•		•		
0.0 /10	Highway	•		•		
	Road Test					
5.0 /10	On-Road Drive					
0.0 /8	On-Road Heavy Load	i 🔴				
3.2 /5	On-Road Light Load					
3.2 /5	On-Road Short Trip					•
2.0 /2	Congestion					
	Robustness					
	n.a. good	adequate	marginal	weak	poor	

Comments

Abatement of Oxides of Nitrogen (NO_{*}) is good or adequate in all tests. However, for carbon monoxide (CO) in particular, the Vitara scores poorly in the laboratory tests, but marginally better in the on-road tests. Particulate emissions are quite elevated in most of the tests. The cold ambient temperature test and the high-load highway test, especially, highlight the poor robustness of the system.



Energy Efficiency Tests





Comments

The Vitara is quite light and this helps it to achieve a very creditable Energy Efficiency Index of 4.9. Fuel efficiency is not exceptional for a car of this size and weight.







Comments

The Vitara performs well in this part of the assessment. Methane (CH_4) emissions are well controlled and values of Nitrous Oxide (N_2O) are very low.



Our Verdict

The car tested here is the fourth generation Vitara and is equipped with the 1.0 litre directinjection Boosterjet petrol engine, producing 82 kW. That small engine is made to work hard in some of Green NCAP's more demanding tests and this takes a toll on the car's performance. Even with a gasoline particulate filter (GPF), control of particulates is never exceptional. On the other hand, NO_x emissions are consistently low in all tests. Efficiency is unexceptional for a car of this low weight but greenhouse gas emissions are low, especially for 'laughing gas', N₂O.

Disclaimer

 Publication Date
 Tested Car
 Emissions Class
 Tyres

 11 2020
 TSMLYD01S0066xxxx
 Engine Gd-Temp
 215/55 R17 94V

 Mass
 Engine Size
 Engine Power/Torque
 Published CO2

 1,121 kg
 998 cc
 82 kW/170 Nm
 139 g/km

 Battery Capacity
 Published Driving Range
 n.a.
 n.a.

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