

VW Taigo

1.0 TSI PETROL FWD AUTOMATIC



**Clean Air
Index**



**Energy Efficiency
Index**



**Greenhouse Gas
Index**

7.0
/10



Clean Air Tests



Laboratory Test

NMHC

NO_x

NH₃

CO

PN

7.3/10 Cold Test



8.9/10 Warm Test



7.5/10 Highway



5.5/10 Cold Ambient Test



Road Test

7.4/10 On-Road Drive



3.4/5 On-Road Short Trip



3.5/8 On-Road Heavy Load



4.0/5 On-Road Light Load



2.0/2 Congestion



n.a.



good



adequate



marginal



weak



poor

Comments

In terms of Clean Air, the Taigo performs well under moderate conditions, but also in the challenging Highway Test, where it demonstrates respectable pollutant output levels. The small VW keeps its composure and shows consistent performance both in lab and on the road, and impresses with particle emissions which in most tests are unusually low compared to other petrol powertrains. In the dynamic Heavy Load On-Road trip, the CO emissions come close to the gross exceedance threshold, but this small weakness doesn't prevent the Taigo from scoring 7/10.

Energy Efficiency Tests



Laboratory Test

Energy

5.9/10 Cold Test



6.1/10 Warm Test



4.1/10 Highway



4.8/10 Cold Ambient Test



Consumption

Driving Range

Average

6.1 l/100 km

668 km

Worst-case

10.5 l/100 km

382 km



n.a.



good



adequate



marginal



weak



poor

Comments














The Volkswagen Taigo offers mixed performance in terms of energy efficiency. In the standard WLTC+ Lab Tests, it consumes about 5.5 l/100 km and the figures increases to 7 l/100 km in the Highway Test.

In the -7°C a Cold Ambient Test, the car needs 6.5 l/100 km. 5.7 l/100 km were required in the real-world On-Road Drive. The best value was recorded in the Light Load Test – 4.5 l/100 km - and the worst in the dynamic Heavy Load Test with a disappointing 10.5 l/100 km, which is probably due to the limited suitability of downsized petrol engines for sporty high load driving.

3.8

/10

Greenhouse Gases Tests

	<u>Greenhouse gases</u>	CO ₂	N ₂ O	CH ₄
4.6	10 Cold Test			
4.9	10 Warm Test			
2.4	10 Highway			
3.3	10 Cold Ambient Test			



n.a.



good



adequate



marginal



weak



poor

Comments

This Index is based on a Well-to-Wheel+ approach. The Taigo's score benefits from the bonus points for the close-to-zero values of the non-regulated N₂O and CH₄ emissions. In the standard Cold WLTC+ Lab Test, 128 g CO₂/km are measured at the tailpipe. With the addition of some 33 g/km from petrol fuel production and supply, the total CO₂ equivalent emissions rise to approx. 161 g/km. In the Highway Test, the total figure is 201 g CO₂ eq./km, due to higher consumption.

Our Verdict

The Volkswagen Taigo 1.0 TSI, a petrol-powered compact crossover SUV with automatic transmission and a power of 81 kW, demonstrates an environmental behaviour which allows it to access Green NCAP's additional robustness test stage. The vehicle convinces with good pollutant emission level and pleasantly surprises with particle emissions lower than those of many competitors. In terms of energy efficiency, the Taigo scores 5.2/10, which is good but not outstanding. While it performs well under normal conditions, fuel consumption increases significantly under more challenging conditions like Highway driving or dynamic Heavy Load trips. The results in the Greenhouse Gas Index are marginal due to the usage of fossil petrol to provide the propulsion energy, where both the direct emissions on the tailpipe and the upstream emissions for the production and supply of the fuel determine the score. Like other conventional vehicles, this part of the assessment presents the biggest challenge in Green NCAP's rating. Despite these challenges, the Taigo, supported by its compact body and low weight, managed to score well enough to achieve an Average Score of 53% and collect 3 Green Stars, presenting a viable option for audience targeting a small petrol SUV.

Disclaimer [↗](#)

Specification

Tested Car

WVGZZZCS8RY02,xxxx

Publication Date 09 2024	Vehicle Class Small SUV	Tyres 205/60 R16 92V	Emissions Class Euro 6d AP
Mass 1,207 kg	Engine Size 999 cc	Power/Torque 81 kW/200 Nm	Declared CO₂ 133 g/km
Declared Battery Capacity n.a.	Declared Driving Range n.a.	Declared Consumption 5.8 l/100 km	

Heating Concept

Waste heat



Think before you print