



2021

Audi A3

Sportback 35 TDI diesel 4x2 automatic



7.0 
/10

Clean Air
Index

6.6 
/10

Energy Efficiency
Index

3.6 
/10

Greenhouse Gas
Index



Laboratory Test

	NMHC	NO _x	NH ₃	CO	PN
7.5/10 Cold Test	●	●	●	●	●
8.2/10 Warm Test	●	●	●	●	●
6.4/10 Cold Ambient Test	●	●	●	●	●
7.6/10 Highway	●	●	●	●	●



Road Test

6.5/10 On-Road Drive	●	●	●	●	●
5.7/8 On-Road Heavy Load	●	●	●	●	●
3.8/5 On-Road Light Load	●	●	●	●	●
1.7/5 On-Road Short Trip	●	●	●	●	●
2.0/2 Congestion	●	●	●	●	●



Robustness



n.a.



good



adequate



marginal



weak



poor

Comments

The 110 kW diesel version of the Audi A3 Sportback demonstrates what is possible with adequate modern exhaust aftertreatment and is awarded a highly creditable result of 7 points in the Clean Air Index. Further enhancement of particle control would help the Audi improve on what is already an impressive achievement.

Energy Efficiency Tests



Laboratory Test

Energy

7.4/10 Cold Test



7.8/10 Warm Test



5.3/10 Cold Ambient Test



5.9/10 Highway



Consumption

Driving Range

Average

4.9 l/100 km

1,027 km

Worst-case

6.0 l/100 km

755 km



n.a.



good



adequate



marginal



weak
















poor

Comments

Despite being a dynamic, sporty vehicle, the Sportback makes excellent use of the powertrain efficiency of the diesel engine combined with a 7-speed dual-clutch transmission and reaches a high result of 6.6 points in the Energy Efficiency Index.

3.6 Greenhouse Gases Tests

/10

	<u>Greenhouse gases</u>	CO ₂	N ₂ O	CH ₄
2.9/7	Cold Test			
3.4/7	Warm Test			
2.3/7	Cold Ambient Test			
1.9/7	Highway			



Comments

While methane is not a concern for this powertrain type, the Greenhouse Gas Index would benefit from a reduction of the non-regulated laughing gas (N₂O), emissions of which let the diesel Sportback down. Further optimisation of fuel consumption - and hence CO₂ emissions - would also improve the greenhouse gas performance, for which the Audi scores a modest 3.6 out of 10.

Our Verdict

Here, Green NCAP tested the 2020 model of the Audi A3 35 TDI Sportback with S-tronic automatic transmission. This is a compact vehicle targeting sporty buyers and offering high levels of comfort and functionality. To that end, the 2-litre diesel engine seems a very good choice and convinces not only with reasonable fuel consumption values but also by scoring well for clean air, by minimising the output of pollutants. The performance of the state-of-the-art exhaust aftertreatment system remained robust and effective under all test conditions but additional improvements are possible, especially for short trips with a cold engine start and particle number emissions. The emitted greenhouse gases are not unusual for a vehicle of such configuration and are what cap the overall result of the A3 35 TDI Sportback at 3 stars, with a weighted Overall Index of 5.7.

Disclaimer

Publication Date	Tested Car	Emissions Class	Tyres
11 2021	WAUZZZGY9MA09xxxx	Euro 6d	225/40R18
Mass	Engine Size	Engine Power/Torque	Published CO ₂
1,485 kg	1,968 cc	110 kW/360 Nm	127 g/km
Declared Battery Capacity	Published Driving Range		
n.a.	n.a.		



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