



2021

Ford Mustang Mach-E

electric 4x4 automatic



10.0 
/10

Clean Air
Index

9.4 
/10

Energy Efficiency
Index

10.0 
/10

Greenhouse Gas
Index

10.0
/10



Clean Air Tests



Laboratory Test

	NMHC	NO _x	NH ₃	CO	PN
10.0/10 Cold Test	●	●	●	●	●
10.0/10 Warm Test	●	●	●	●	●
10.0/10 Cold Ambient Test	●	●	●	●	●
10.0/10 Highway	●	●	●	●	●



Road Test

10.0/10 On-Road Drive	●	●	●	●	●
8.0/8 On-Road Heavy Load	●	●	●	●	●
5.0/5 On-Road Light Load	●	●	●	●	●
5.0/5 On-Road Short Trip	●	●	●	●	●
2.0/2 Congestion	●	●	●	●	●



Robustness



n.a.



good



adequate



marginal



weak



poor

Comments

The Mustang Mach-E is a pure electric vehicle and no pollutants are emitted at the tailpipe. Accordingly, the car scores the maximum index of 10 in this part of the assessment.

Energy Efficiency Tests



Laboratory Test

Energy

10.0/10	Cold Test		→	26.6 kWh/100 km
10.0/10	Warm Test		→	23.6 kWh/100 km
8.4/10	Cold Ambient Test		→	39.5 kWh/100 km
9.5/10	Highway		→	33.2 kWh/100 km

Consumption

Driving Range

Average	27.8 kWh/100 km	293 km
Worst-case	39.5 kWh/100 km	202 km



n.a.



good



adequate



marginal



weak



poor

Comments

In two out of four tests rating the vehicle's efficiency behaviour, the Mustang Mach-E exceeded Green NCAP's lower threshold and scored less than the possible maximum. These tests are the cold ambient temperature test, conducted at winterly -7°C, and the BAB130 high-load highway test. Overall, however, the energy efficiency index of 9.4 is still close to the best due to the generally low consumption of the battery electric powertrain.

Greenhouse Gases Tests

	<u>Greenhouse gases</u>	CO ₂	N ₂ O	CH ₄
7.0/7	Cold Test			
7.0/7	Warm Test			
7.0/7	Cold Ambient Test			
7.0/7	Highway			



n.a.



good



adequate



marginal



weak



poor

Comments

Because no greenhouse gases are emitted at the tailpipe of an all-electric vehicle, the Mach-E scores maximum points in this part of the assessment.

Our Verdict

The recently introduced Mustang Mach-E is Ford's first all-electric SUV. It impresses with a dual motor all wheel drive powertrain of 273 kW and targets the sporty and acceleration-loving car-buyers. An even more powerful GT version is expected later this year. At the moment, Green NCAP assesses vehicles only on what is emitted at the tailpipe so the Mach-E easily gets maximum points in two of the three areas of the assessment - Clean Air and Greenhouse Gases - as local emissions of these are zero. Since this is a pure battery electric powertrain, energy efficiency is also very high and the car easily achieves the maximum 5 stars.

Disclaimer

Publication Date	Tested Car	Emissions Class	Tyres
10 2021	WF0TK3SS7MMA3xxxx	Euro AX	225/55 R19 103H
Mass	Engine Size	Engine Power/Torque	Published CO ₂
2,147 kg	n.a.	273 kW/580 Nm	n.a.
Declared Battery Capacity	Published Driving Range		
70 kWh	400 km		



Think before you print