



TOYOTA



2020

Toyota C-HR

1.8 hybrid 4x2 automatic



6.0 
/10

**Clean Air
Index**

6.9 
/10





















**Energy Efficiency
Index**

5.4 
/10

**Greenhouse Gas
Index**




























Laboratory Test

	NMHC	NO _x	NH ₃	CO	PN
6.2/10 Cold Test					
7.8/10 Warm Test					
1.2/10 Cold Ambient Test					
7.2/10 Highway					



Road Test

6.8/10 On-Road Drive					
4.8/8 On-Road Heavy Load					
2.4/5 On-Road Light Load					
4.3/5 On-Road Short Trip					
2.0/2 Congestion					



Robustness



n.a.



good



adequate



marginal



weak



poor

Comments

The C-HR performs well in the on-road tests and in the more straightforward of the laboratory tests. However, particulates and emissions of other pollutants except NO_x are high in the cold ambient temperature test.

Energy Efficiency Tests



Laboratory Test

Energy

8.1/10 Cold Test



8.9/10 Warm Test



6.0/10 Cold Ambient Test



4.8/10 Highway



Consumption

Driving Range

Average

5.4 l/100 km

839 km

Worst-case

7.1 l/100 km

608 km



n.a.



good



adequate



marginal



weak
















poor

Comments

Hybrid technology aids the efficiency of the C-HR and the car performs well in this part of the assessment, with an index of 6.9.

5.4 Greenhouse Gases Tests

/10

	<u>Greenhouse gases</u>	CO ₂	N ₂ O	CH ₄
4.2/7	Cold Test			
4.6/7	Warm Test			
3.5/7	Cold Ambient Test			
3.0/7	Highway			



n.a.



good



adequate



marginal



weak



poor

Comments


The C-HR shows very good control of Methane (CH₄) and Nitrous Oxide (N₂O) emissions, two very powerful greenhouse gases. CO₂ is elevated in the high-load highway test.

Our Verdict

The C-HR went on sale in 2017 with a choice of a 1.2 turbocharged petrol engine or 1.8 hybrid. A 2.0 hybrid was added in 2020 and, from 2021, the only the hybrid variants will be offered. The 1.8 hybrid, which comes only as 4x2 and with continuously variable transmission (CVT) is the version tested here. The car takes full advantage of Toyota's long-term commitment to hybrid technology, utilising it to good advantage in most situations. Fuel efficiency in the standard lab tests is very good and pollutant emissions are well controlled. The lack of a gasoline particulate filter (GPF) is regrettable as this would improve its performance even more. Green NCAP is informed that, from the end of 2020, a GPF is fitted to the C-HR. As tested, the C-HR delivers good, balanced scoring in all areas of assessment and the car emerges with a creditable 3½ star rating.

Disclaimer

Publication Date	Tested Car	Emissions Class	Tyres
11 2020	NMTKZ3BX00R18xxxx	Euro 6d-Temp	225/50 R18
Mass	Engine Size	Engine Power/Torque	Published CO ₂
1,429 kg	1,798 cc	72 kW/142 Nm	111 g/km
	Battery Capacity	Published Driving Range	
	1.25 kWh	n.a.	

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