

Honda Civic

2.0 I-MMD E:HEV HYBRID FWD AUTOMATIC

2024



56%



7.2 
/10

**Clean Air
Index**

5.5 
/10

**Energy Efficiency
Index**

4.1 
/10

**Greenhouse Gas
Index**



Laboratory Test

| | NMHC | NO _x | NH ₃ | CO | PN |
|--------------------------|------|-----------------|-----------------|----|----|
| 7.4/10 Cold Test | | | | | |
| 7.9/10 Warm Test | | | | | |
| 6.4/10 Highway | | | | | |
| 6.7/10 Cold Ambient Test | | | | | |



Road Test

| | | | | | |
|--------------------------|--|--|--|--|--|
| 7.5/10 On-Road Drive | | | | | |
| 3.4/5 On-Road Short Trip | | | | | |
| 5.4/8 On-Road Heavy Load | | | | | |
| 3.8/5 On-Road Light Load | | | | | |
| 2.0/2 Congestion | | | | | |



n.a.



good



adequate



marginal



weak



poor

Comments

The Civic demonstrates effective and robust control of its gaseous pollutant emissions, not only in the standard tests, but also in the additional robustness tests. Even -7°C starting conditions don't make the exhaust aftertreatment lose its composure. However, although being well below Green NCAP's thresholds and legal limits, compared to the results of other well performing modern petrol engine vehicles, the particle number emissions of the Civic are relatively high and cost it some valuable points. This is especially true in the Highway Test, where only 0.6 out of 3 points for particle control were collected.

Energy Efficiency Tests



Laboratory Test

Energy

7.1/10 Cold Test



7.4/10 Warm Test



3.7/10 Highway



3.9/10 Cold Ambient Test



Consumption

Driving Range

Average

5.5 l/100 km

768 km

Worst-case

7.4 l/100 km

540 km



n.a.



good



adequate



marginal



weak
















poor

Comments

The Honda Civic scores impressively in this part of the assessment, thanks to its efficient hybrid powertrain. With 7.4 and 7.3 l/100 km, the worst consumption values are measured in the Highway and Cold Ambient Test, respectively. The good laboratory results were outperformed in the real-world On-Road Drive (4.3 l/100 km) and even more so in the On-Road Light Load Test, where a stunning 3.8 l/100 km was recorded. Maybe even more surprisingly, in the dynamic and sporty On-Road Heavy Load Test, the consumption increased only to 5.3 l/100 km despite the very aggressive driving style.

4.1 /10

Greenhouse Gases Tests

|  | <u>Greenhouse gases</u> | CO ₂ | N ₂ O | CH ₄ |
|--|-------------------------|---|---|---|
| 6.2/10 | Cold Test |  |  |  |
| 6.7/10 | Warm Test |  |  |  |
| 1.8/10 | Highway |  |  |  |
| 2.0/10 | Cold Ambient Test |  |  |  |



n.a.



good



adequate



marginal



weak



poor

Comments

The full hybrid performs significantly better than most combustion engine cars when it comes to greenhouse gases. In the standard Warm and Cold Lab tests, about 100-106 g CO₂/km are emitted at the tailpipe, and the addition of some 26 g CO₂-eq./km well-to-tank emissions related to the fuel supply increase the total greenhouse gas value to approx. 130 g CO₂-eq./km, which is a creditable figure and helps score more than 6 points. Naturally, when fuel consumption increases as in the Highway Test, the CO₂ emissions also go up, leading to a poorer score.

Our Verdict

The Honda Civic 2.0 i-MMD e:HEV is a full hybrid sedan with a two litre petrol engine and an automatic transmission. The powerful hybrid system is a major help to reduce emissions in all tests, primarily where speeds are below highway level. The Japanese car easily reaches the additional robustness test stage in Green NCAP. It demonstrates very good and robust control of its gaseous pollutant emissions but scores below average for particle emissions, despite being equipped with a gasoline particle filter. The Civic impresses mostly with its low consumption values, a fine example of an efficient hybrid system. The low fuel consumption figures also lead to a good (for combustion engine vehicles) greenhouse gas score. Overall, the Honda Civic receives an average score of 56% and collects a very well deserved 3 Green stars.

Disclaimer [↗](#)

Specification

Tested Car

JHMFL4860RX20xxxx

| | | | |
|--|--|---|--|
| Publication Date 11 2024 | Vehicle Class Small Family Car | Tyres 235/40ZR18 | Emissions Class Euro 6e |
| Mass 1,458 kg | Engine Size 1,993 cc | System Power/Torque 135 kW/335 Nm | Declared CO₂ 113 g/km |
| Declared Battery Capacity n.a. | Declared Driving Range n.a. | Declared Consumption 5 l/100 km | |

Heating Concept

Waste heat & PTC



Think before you print