

# The Electrification Process:

## How are you going to be affected?

By Ollie and Josh

Car Industry Correspondents

**The electrification process is the process of petrol cars transforming to electric cars.**



<https://www.autocar.co.uk/car-review/mercedes-amg/gt>

This car is the Mercedes AMG GT, it is a petrol car and was revealed to the public in October 2014. The next car is the AMG GT Project One, scheduled to be released in 2019. It is an electric hypercar and it contains Formula One technology.

This is just one example of how the car world is evolving. In this article we will be discussing what this electrification means for the car industry.



<https://www.autocar.co.uk/opinion/industry/mercedes-amg-project-one-hybrid-tech-due-series-model-2021>

The AMG Project One was designed in association with Lewis Hamilton, 4 time world champion and driver for Mercedes AMG Petronas F1 Team. He won last year's drivers' championship by a margin of 46 points over 2<sup>nd</sup> place Sebastian Vettel of Ferrari.

The government is pressuring car companies to make their industry more environmentally friendly. This is affecting the looks, the speed and the 'feel' of their cars.

For supercar owners this has been a particular worry. "The sound and feel of a petrol engine is a big part of the experience of being in a supercar," one owner commented. "With an electric engine that element of the experience will be lost".

Many cars in the hypercar industry are now hybrid or electric, although some exceptions still remain: the recently released McLaren Senna is one example, with a 4.0 Litre twin turbocharged V8. When asked a "petrol-head" (supercar lover) speculated "I believe this is

because the Senna was purely built to be fast around a track, and electrics weren't affecting that much".

However, the process does have its setbacks, such as the fuelling issues. The electric cars of today take from as little as 30 minutes up to 12 hours to charge from an empty tank.



<https://www.autosport.pt/automais/conheca-novo-mclaren-senna/>

The McLaren Hyper GT has just been announced, it is designed to break the McLaren F1's top speed of 243 mph. This record has not been broken by any McLaren car until now, there could many reasons as to why the Hyper GT is the one to break it.

We asked a supercar owner whether they thought it was a result of the hybrid engine. They replied, "Not specifically, as it would be possible to make the car faster than the F1. But they don't want to do that. It is mainly caused by better tyre technology and better aero dynamics".

Electric and hybrid super cars are becoming a much more popular and sought after item. The real question is will electric super cars completely replace petrol? A super car owner thinks that "Eventually yes, electric cars will replace petrol and in a few decades there will be no petrol cars being sold or made. However cars like the Ferrari F40 will always remain popular as they are famous. The owner looks forward to a time when everything is more environmentally friendly and he can still look forward to driving his cars.