

BUSTING THE MYTHS AROUND ELECTRIC VEHICLES

As electric vehicle (EV) popularity grows, so does the number of myths that exist about them. Do they really catch fire? Are people choosing to go back to petrol cars in their droves?

We look at some of the most common myths about EVs and the actual data from the industry to see whether or not there's any truth to them.

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Drive a better car.

ELECTRIC VEHICLES MYTH VS REALITY



EVs catch fire.

The reality is...

Tusker has delivered, insured and managed more than 30,000 electric cars. Zero have caught fire.

In Sweden in 2022, petrol and diesel vehicles were 20 times more likely to catch fire than EVs.

In Australia between 2010 to 2022, petrol and diesel vehicles were 80 times more likely to catch fire than EVs.

There aren't enough public chargers.

The reality is...

There were more electric public charging points across the UK in 2023 than petrol pumps. And the number of charging points is growing all the time.

There are also nearly a million home charging points in the UK (2023).

You'll run out of electricity.

The reality is...

In 2023, the % of Tusker EV drivers who ran out of charge is the same as the % of our petrol drivers that ran out of fuel. 0.001%.

EVs are too expensive.

The reality is...

Through Salary Sacrifice schemes, EVs are cheaper than petrol or diesel equivalents.

EVs aren't suited to long journeys.

The reality is...

EVs now have an average range of over 200 miles, with many models able to go further on a single charge. 72% of our journeys are under 5 miles.*

* Source | DfT National Travel Survey 2021

Charging at some homes is impossible.

The reality is...

2/3 of homes in UK have a driveway.* All new builds must have charge points installed.

* Source | British Gas

Batteries won't last.

The reality is...

Most manufacturers now offer a battery warranty that's c.100k miles or eight years for 70% capacity.

EVs are more expensive to run.

The reality is...

Running an EV is 65% cheaper than servicing a diesel and 37% cheaper than servicing a petrol car. A Tusker car includes all service and maintenance.

Many electric drivers are returning to petrol and diesel.

The reality is...

92% of our EV drivers renewed directly into another electric vehicle. 6% renewed into a hybrid.

Our research revealed that over 91% of EV drivers are satisfied or very satisfied with their current vehicle.

Insurers are reluctant to insure EVs.

The reality is...

Tusker's insurer RSA has insured over 30,000 Tusker EVs in the last 5 years. A Tusker car includes fully comprehensive business use insurance for you and the fixed monthly amount won't increase year on year.

The grid cannot support an increase in EV charging.

The reality is...

The National Grid estimates that even if we all switched our petrol or diesel vehicles to EVs overnight, the Grid would only experience a 10% increase in demand. This easily fits within the Grid's current capacity.

There is very little choice.

The reality is...

In 2023, 39 vehicle manufacturers had 197 different models of EV in 794 different derivatives and battery sizes. And 2024 sees the launch of even more models.