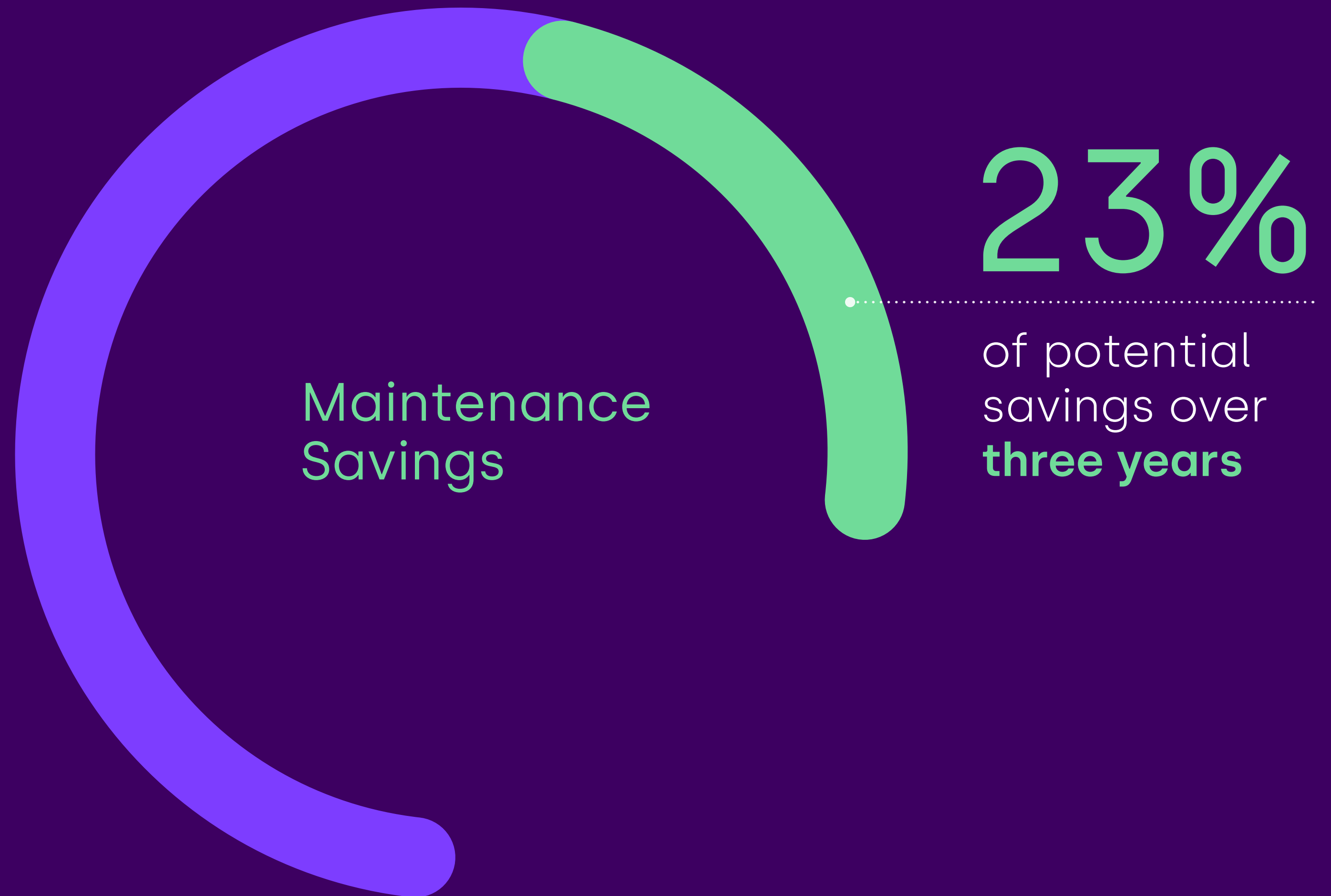


A quick guide to **EV maintenance**

If this is your first electric vehicle (EV), you'll probably have a few questions about maintenance and the best way to keep your car in top condition.

The good news is, with fewer parts to wear out or go wrong, maintaining an EV is much simpler than a traditional car. Not only does this mean less time off the road but, according to data experts cap hpi, you could save up to 23% over three years.

However, an EV isn't just plug-in and leave, it does need some looking after. Taking care of tyres, brakes and windscreens are just as important as with a traditional car. Plus, whilst you don't need to check oil levels, or worry about spark plugs, there are some things you can do to keep your battery in good shape.



Keeping your EV in top condition

Better braking



All EVs use some form of regenerative braking, which is basically a process whereby your brakes use the car's motor to slow the vehicle down.

As well as putting power back into the battery, it's also more efficient because it puts less stress on the brakes and so reduces wear and tear. Obviously, your brakes and pads will still need looking after and checking on every service, but you should find that they last much longer than on a traditional car.

Fluids and liquids



Because EVs use an electric motor rather than an internal combustion engine, there's no oil to change and you won't need to worry about things like power steering fluid. However, you will still have brake fluid, coolant and windscreen cleaner.

The servicing cycle of an EV is generally the same as a traditional car, so the garage should check these for you and replace or top them up as required.

Battery health



Just like your phone or laptop, EV batteries degrade over time. But don't worry, most EVs come with a lifespan of at least 10 years. And so, unless you're planning on keeping your car for a very long time, this shouldn't be something you need to worry about.

It might sound illogical, but keeping your battery fully charged isn't very good for its long-term health. Neither is running it down to empty. Manufacturers and experts suggest that a charge of between 50% and 80% is best for peak battery performance.

Using a rapid charger on a regular basis can also have a negative impact, as can the weather. Although, batteries actually perform better in colder climates, so that's a bit of good news for UK drivers.

Tyres and windscreens



Like any car, looking after your tyres and windscreen is an important safety measure. Just like a traditional car, the legal limit for tyre tread is 1.6mm. That said, most experts agree that you should start to think about changing them well before that point.

This means it's important to keep an eye on their condition. Before you set off on a long journey, do a visual check to make sure there isn't any damage to the tyre wall and that they're pumped up to the right pressure. Just as low pressure has an impact on fuel economy, it can also negatively impact your battery's range.

It's also good to check around the rest of your car before setting off to make sure there's no windscreen damage, your washer fluid is topped up, your wipers are clean, and everything is in good working order.

For peak battery health, keep the charge between

50% and 80%

Looking for more information?

If you would like to find out more about looking after your new EV, you'll find plenty of useful information and handy guides at:
[NovunaVehicleSolutions.co.uk](https://www.novunavehiclesolutions.co.uk)

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