



EVERYTHING YOU WANTED TO KNOW ABOUT ELECTRIC VEHICLES BUT WERE AFRAID TO ASK



Chapter 6 – Service & Maintenance

Packed with technology, you'd expect Electric Vehicles to be more costly to service and maintain than their diesel or petrol engine counterparts. Yet with fewer mechanical components, Electric Vehicles servicing should require less time in the garage and have a smaller impact on your wallet.

Still, an Electric Vehicle isn't maintenance free, and all manufacturers recommend to undergo a series of checks and servicing to keep the warranty valid. However, things like tuning, oil changes, spark plug, and air filter changes are a thing of the past. Instead, during an Electric Vehicles routine service, the technician will specifically check the battery and electric motor, coolant, and oil levels (though no traditional oil changes are required), brake fluid & suspension.

In general, your Electric Vehicles won't need to be serviced as often but will still require regular maintenance. And don't forget, Leasys offer a maintenance and service package with your leasing contract, so you get to drive top-of-the-range Electric Vehicles without the hassle or worry of extra maintenance costs.

⚠ Electric Vehicle versus a Petrol or Diesel?

		
Braking system	The regenerative braking reduces wear & tear on traditional brake components.	Higher wear on brake pads and discs, requiring more frequent replacements.
Emission Controls	No emission control systems needed.	Regular maintenance of emission control systems such as catalytic converters and exhausts.
Powertrain	Simpler powertrain with fewer moving parts, leading to lower maintenance requirements.	More complex powertrains with numerous components needing regular maintenance.
Fluid Changes	Fewer fluids to check and replace, mainly coolant and brake fluid.	Multiple fluids, including engine oil, transmission fluid, brake fluid, and coolant, requiring regular attention.
Software	Heavy reliance on software updates and diagnostics to maintain performance.	Less frequent software updates, more reliance on mechanical inspections.

⚠ What about the battery?

The battery of an Electric Vehicle can last for 10 to 15 years in the vehicle. Most manufacturers have an extended warranty for batteries, often around 8 to 10 years.

The battery can also be re-used, for example repurposed for energy storage, recycled, refurbished, or used for research and development. Re-using and recycling the battery of an Electric Vehicle is crucial in making electric vehicles more sustainable and to reduce their environmental impact.

⚠ Who can service my Electric Vehicle?

Servicing an Electric Vehicle requires specific knowledge, training, and equipment.

The most reliable option is to refer to the manufacturer approved Retailer network as they will have trained repair specialists, tools, and access to the manufacturer parts. You can easily find your nearest approved repairer by checking the vehicle manufacturer website, however if you have any doubt, you can contact Leasys directly.





Together, we will shape tomorrow's mobility.

Ready to explore deeper?

To continue your electric journey, download and explore the next chapters of our series **"Everything you ever wanted to know about Electric Vehicles but were afraid to ask"** and discover additional valuable insights and information about Electric Vehicles:

- ↓ [Chapter 1 - From pump to plug: what you need to know first](#)
- ↓ [Chapter 2 - Top 5 reasons to lease an Electric Vehicle](#)
- ↓ [Chapter 3 - Navigating Electric Vehicle choices](#)
- ↓ [Chapter 4 - From kW to range: Electric Vehicle glossary](#)
- ↓ [Chapter 5 - Charging made simple: options, speeds, and solutions](#)
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- ↓ [Chapter 8 - Myth-busting: the truth about Electric Vehicles](#)