

Confused About Costs? We are Here to Help!

Switching to an EV can feel like a big decision, especially when it comes to understanding costs. Let us guide you through the key factors to consider when comparing upfront expenses and maintenance costs between gasoline vehicles and EVs.



Full battery Electric vehicles are simpler to maintain. With fewer fluids to change and fewer mechanical parts to worry about, maintenance is easier and often more affordable.

See the table below for cost comparisons between Gasoline Vehicles and Electric Vehicle*

	Gasoline Vehicle	Electric Vehicle (EV)
Purchase Price	Varies greatly by model. Research specific models that interest you.	Varies greatly by model. Research specific models that interest you.
Government Incentives	May be eligible for automobile manufacture incentives. Check with your local car dealerships or the automobile manufacturer's website for details.	Eligible for federal purchase incentive (up to \$5,000). May also be eligible for provincial/territorial incentives. Check with your local government for details.
Fueling Costs	High and volatile: Prices fluctuate significantly. Refer to Natural Resources Canada for more details.	Generally lower: Electricity costs are typically lower than gasoline. Home charging is often the most cost-effective option. Use the EV Calculator to calculate potential cost savings.
Maintenance	Regular and potentially costly: Requires frequent oil changes, filter replacements, and other routine maintenance. Potential for costly part replacement or repairs later in the vehicle's life	Typically lower: Fewer moving parts mean less frequent and less expensive maintenance. NOTE: Potential for significant battery replacement costs later in the vehicle's life.
Insurance	Varies: Factors include driving history, location, and insurance provider. Get quotes from multiple insurers.	Varies: Factors include driving history, location, and insurance provider. Get quotes from multiple insurers.

Common Maintenance Items

ITEM	Gasoline Vehicle	Electric Vehicle
Oil changes	Every 12,000 to 16,000 km	Not required
Tire Rotations & Balancing	As recommended by manufacturer	As recommended by manufacturer
Brake Inspections	Every six months	Annually
Brake Fluid Flushes	Every two to three years	Every two to three years
Engine air filter	Every two years	Not required
Cabin Air Filter Replacement	Annually	Every two years
12V Battery Replacement	As needed	As needed (if equipped)
Coolant Flushes	Change every 50,000 km	May not be required
Transmission Fluid	Every 100,000 to 160,000 km	May not be required

DISCLAIMER:

*This is a high-level cost comparison, intended for general reference purposes only. The numbers in the table are not meant to represent the final purchase or maintenance costs.

Alectra Utilities does not guarantee the accuracy or completeness of the information provided. This tool is for general reference only.

Have Questions?

Please connect with us as: EV@Alectrautilities.com
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