

FACT SHEET: WHAT TO LOOK FOR WHEN BUYING A USED EV

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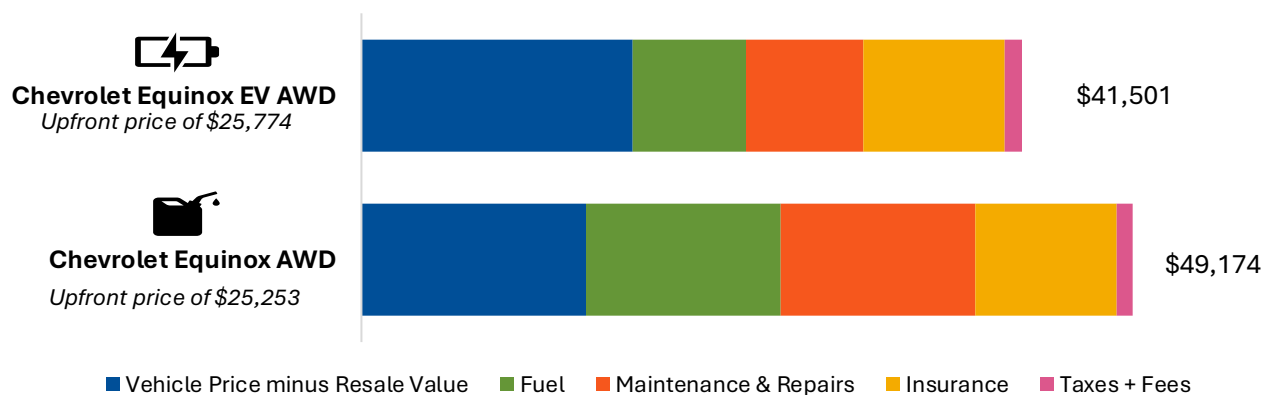
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Why Consider a Used Electric Vehicle?

Used electric vehicles (EVs) can offer many of the same benefits as new EVs: quiet operation, smooth driving, and a lower overall cost as seen in Figure 1. As more EVs enter the resale market, used EVs are becoming increasingly available.

Figure 1: Cost of Owning a Used EV Compared to a Used Gas Vehicle in Tennessee



Analysis with [Atlas Fleet Procurement Analysis Tool](#) over 7-yr period. Gas \$2.98, electricity \$0.13 / kwh, [2025 TN average](#).

What to Look For

Battery Warranty

- ① Modern EV batteries are designed to last the life of the vehicle.
- ① Most EV batteries are covered by eight to ten year warranties, typically between 100,000 and 150,000 miles, depending on the manufacturer.
- ➔ Confirm how much battery warranty coverage remains and what it includes.

Battery Health

- ① EV batteries lose about [1.8 percent](#) of capacity per year on average.
- ① After 8 years, most EVs still have [81 to 88 percent](#) of original battery capacity. Warranty replacement is generally triggered if battery capacity falls below 70 percent.
- ① Modern EVs [actively protect battery health](#). Battery management systems automatically regulate charging and discharging, reducing the need for special care by drivers.
- ➔ Have a qualified EV technician or dealer run an onboard diagnostics test to measure the battery's health.

Battery Range

- ① EV model years 2022 or later typically have a 200 to 300 mile range. Earlier models typically have a 100 to 200 mile range.
- ① For plug-in hybrids, most models, newer and older, can drive about 20 to 50 miles on electricity alone and switch to gasoline for longer trips, with a total range of over 400 miles.
- ① Battery range will vary based on driving conditions, speed, terrain, temperature, and use of heating or air conditioning.
- ➔ Compare the vehicle's current estimated range to your typical driving needs.

Vehicle Condition and Maintenance

- ① Battery electric vehicles have fewer mechanical components that can wear out or fail and do not need routine oil changes. Although plug-in hybrids still include internal combustion engine parts, they generally experience reduced wear because much of the driving is handled by the electric motor.
- ① While maintenance history is less important for an EV than other cars, maintenance records can still help you see if a car has generally been well cared for.
- ① EVs tend to have sophisticated electronic systems and some EV features and improvements are delivered through software updates.
- ➔ Confirm the vehicle is up to date on software. Check vehicle brakes, tires, and general condition. Ask for maintenance records.

EV-Specific Features

- ① Some EVs have a "[vehicle-to-load](#)" feature that lets an EV supply AC power to external devices, effectively turning the car into a mobile power source that you can use to power tools, refrigerators, lights, and electronics without a generator.
- ① Many EVs have different driving modes such as eco, sports, normal, and snow.
- ① Some EVs allow you to change the intensity of the [regenerative braking](#).
- ➔ Test out the different EV-specific features to see if they are useful to you.