

# The low cost of repairing and maintaining an electric vehicle

A new **Consumer Reports** analysis compares repair and maintenance costs of EVs to gas-powered vehicles

EV owners are paying **50% less on repair and maintenance costs** than owners of gas-powered vehicles



Battery-electric vehicles are costing their owners in maintenance and repair costs:

- First 50K miles: \$0.012 per mile
- 50K to 100K miles: \$0.028 per mile
- 100K to 200K miles: \$0.043 per mile

**Electric-powered  
lifetime average:  
\$0.031 per mile**

Gas-powered vehicles are costing their owners in maintenance and repair costs:

- First 50K miles: \$0.028 per mile
- 50K to 100K miles: \$0.060 per mile
- 100K to 200K miles: \$0.079 per mile

**Gas-powered  
lifetime average:  
\$0.061 per mile**

## ABOUT THE ANALYSIS

- This analysis used thousands of 2019 and 2020 reliability survey reports from *Consumer Reports* members to determine how much owners are spending on repair and maintenance.
- The data also shows that repair and maintenance costs are slightly higher for plug-in hybrid electric vehicles (PHEVs) than for BEVs until the 100,000-mile mark, and slightly lower beyond 100,000 miles. The average lifetime maintenance and repair costs for PHEVs came out to \$0.030 per mile, however, that finding is based on a smaller sample size.