

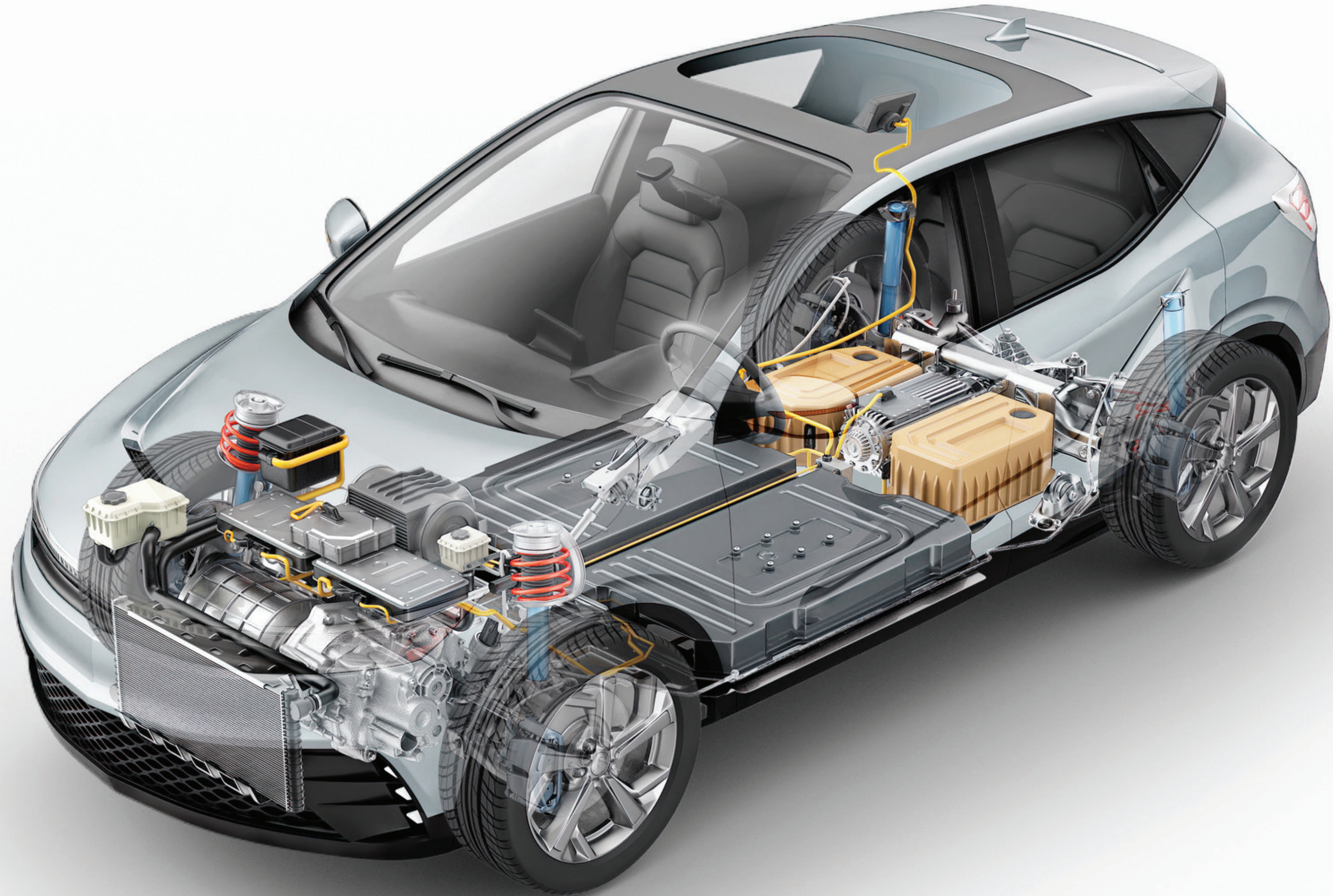
NAPA® ECHLIN® AND NAPA® TEMP
HYBRID AND EV COMPONENTS

Highlights

- 1 Over 4,600 parts for hybrid vehicles are available from NAPA® Echlin® and NAPA® Temp
- 2 More than 2,500 parts for electric vehicles are offered by NAPA® Echlin® and NAPA® Temp
- 3 Many of the same parts that fail on Internal Combustion Engine (ICE) vehicles also fail on hybrids and EVs



What's in
your box?™

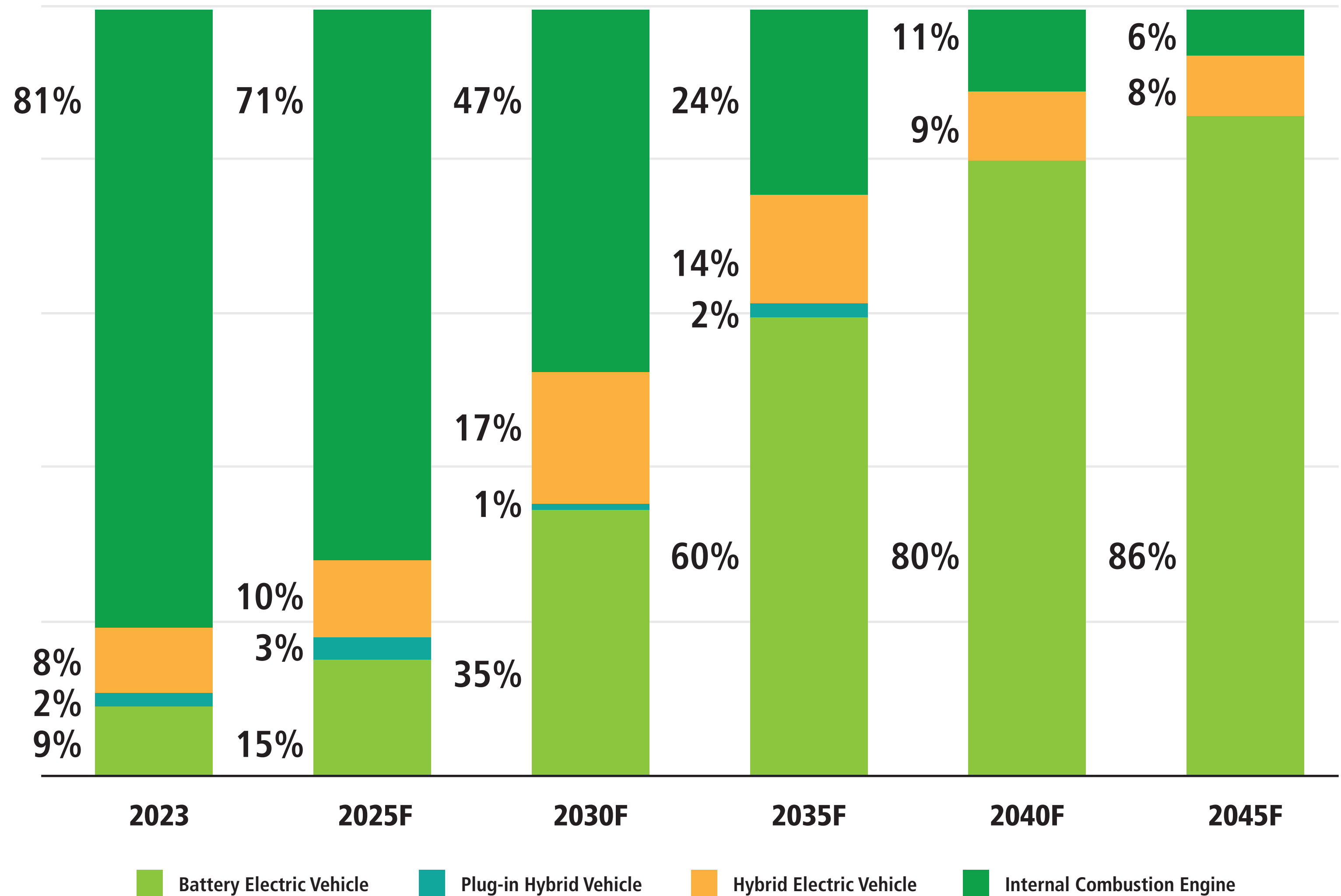


Growing Market

Today, around 91% of all new vehicles sold still have an ICE (Internal Combustion Engine) powertrain (including hybrids). Conversely, by 2030, it is estimated that more than half of all vehicles sold will have some type of electric powertrain, with 35% being full electric.

Full-electric vehicles are projected to represent 60% of all new vehicle sales by 2035 and hybrids will account for another 16%. NAPA® Echlin® has continued to evolve with changing technology for over 100 years and we are prepared to continue to provide parts to help service the needs of our new EV platform customers.

U.S. New Vehicle Sales by Powertrain

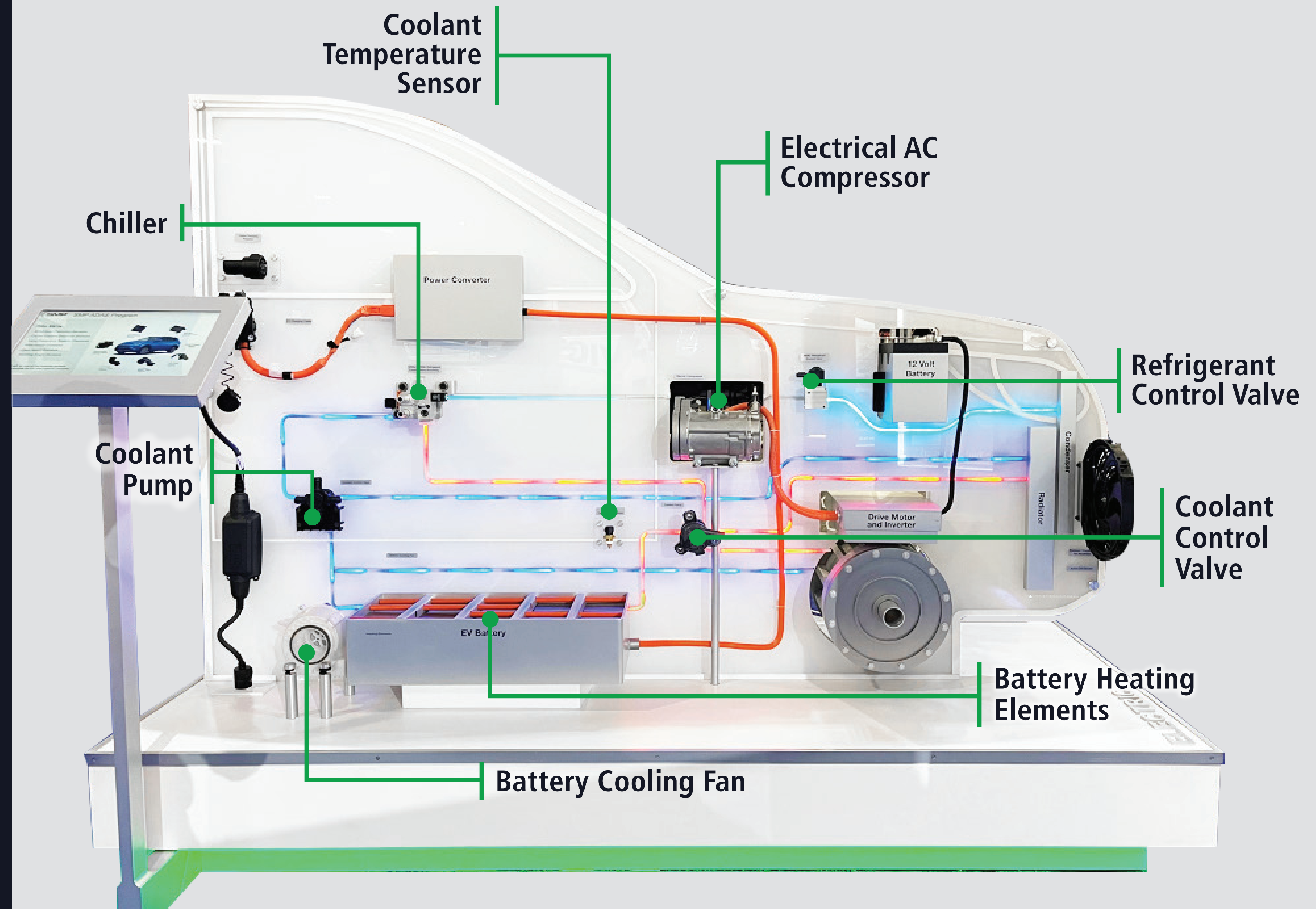


Source: 2023 Joint EV Trends and Outlook Forecast; Autocare Association & AASA

New Opportunities

Hybrid and electric vehicles represent new and different service opportunities. AC compressors are becoming larger and electrical rather than belt driven, electric vacuum pumps are required for adequate braking assistance and multiple new components are used for heating and cooling the large drive batteries. NAPA® Echlin® and NAPA® Temp are leading the way with aftermarket solutions for these new and growing categories.

NAPA® Temp Electric Vehicle Display

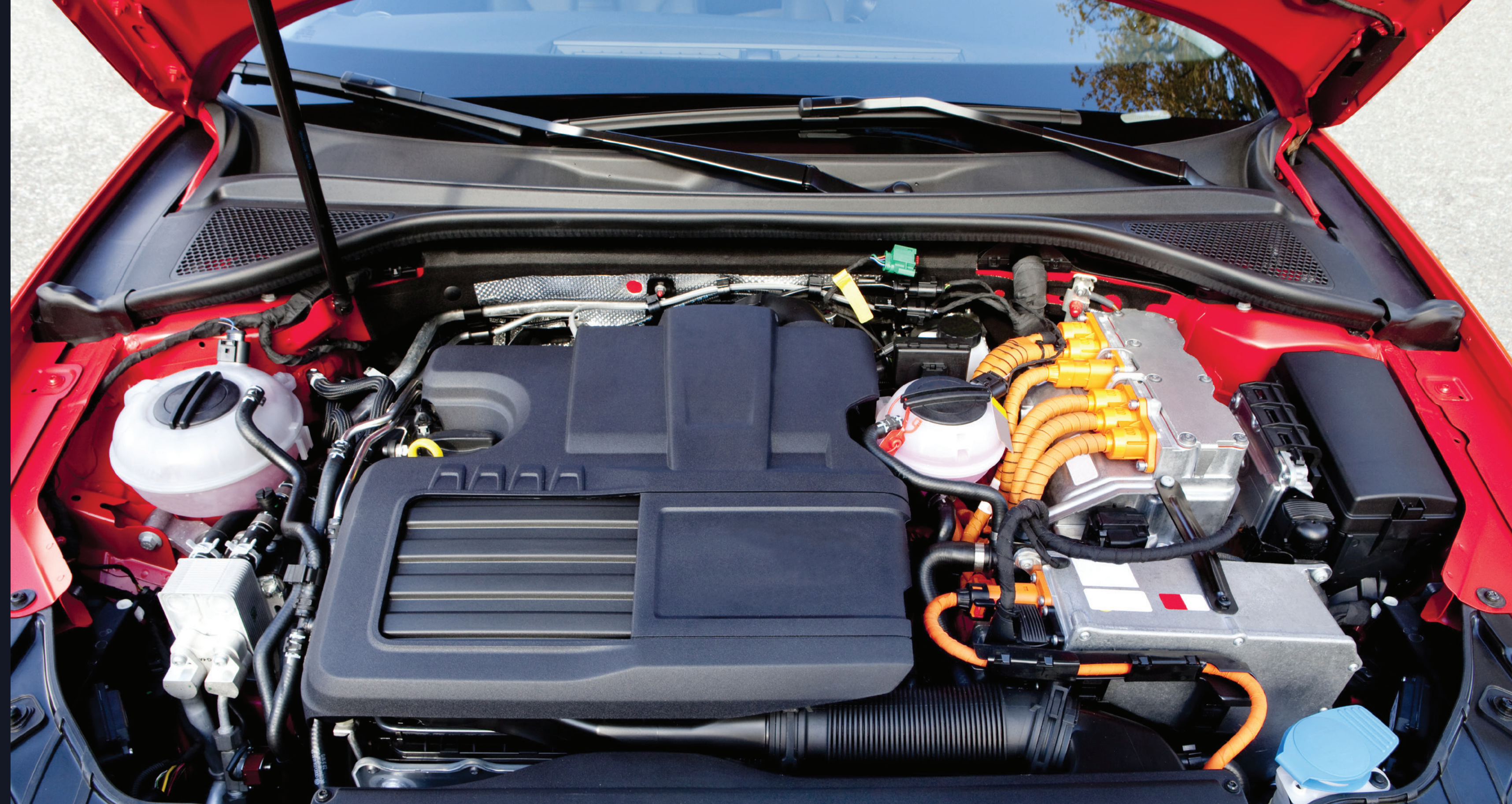


Hybrid Sales Opportunity

With two different systems powering each vehicle, hybrids have more components compared to gas or diesel vehicles. Many hybrids are also more than 10 years old. More parts and an aging population means that hybrid service opportunities will grow in the coming years.

Did You Know

Hybrids like the Toyota Prius and Ford Interceptor Utility are becoming increasingly popular for fleets.



ABS Speed Sensors

ADAS

Blower Motor Resistors

Cam & Crank Sensors

Electronic Throttle Bodies

EVAP

Fuel Injection

Ignition Coils

Switches

TPMS

Variable Valve Timing

Battery Cooling

Charging Cables

Climate Control

...and more



ECHLIN



TEMP

Hybrid & EV Components

NAPAEchlin.com

Powertrain-Neutral Parts

NAPA® Echlin® and NAPA® Temp have more than 50,000 parts that are powertrain neutral. That means the parts are the same whether the powertrain is gas, diesel, hybrid or electric.

Hybrids and EVs use the very same ADAS components, A/C compressors and thousands of other switches, sensors, actuators and connectors.

50,000+
POWERTRAIN-NEUTRAL PARTS



What's New

NAPA® Temp Electric Cooling Pumps

Hybrid and electric vehicles utilize electric coolant pumps to keep the battery and the drive motor operating at the optimum temperature. NAPA® Temp has introduced coverage for 6.1 million hybrid and electric vehicles and is regularly adding new high-quality pumps.

For the very latest applications, please visit NAPATemp.com



2-99065
Tesla Model S (2016-12)
Nissan Leaf (2017-11)
VIO: 160K



2-99069
Chevrolet Volt
(2019-16)
VIO: 67K



2-99072
Toyota Prius
(2022-16)
VIO: 552K



What's New

NAPA® Echlin® and NAPA® Temp Hybrid and Electric Vehicle Components

As hybrid and electric vehicles grow in popularity, many of the components used on them are model specific and do not fit other vehicles. NAPA® Echlin® and NAPA® Temp have the resources and manufacturing expertise to introduce these components quickly so that you have a quality aftermarket solution, without having to go to the dealer.

For the most current applications, be sure to check out our catalog at NAPAEchlin.com.



2-80605
Accelerator Pedal Sensor
Ford Mustang Mach-E
(2023-21)
VIO: 62K



GRK200
Door Handle Repair Kit
Tesla Model S
(2021-12)
VIO: 178K



PAS1167
Park Assist Sensor
Toyota Prius
(2022-16)
VIO: 443K



Hybrid Vehicle Coverage

With an aging population and almost 7 million vehicles on the road, service opportunities for hybrids are on the rise. NAPA® Echlin® and NAPA® Temp have thousands of replacement parts for import and domestic hybrid vehicles.

Hybrid Coverage

4,000+
PARTS

150
MODELS

NAPA® Echlin® and NAPA® Temp have 140+ parts for the 2014 Toyota Highlander Hybrid



Electric Vehicle Coverage

Electric cars are still cars, and many of the same parts that fail on gas-powered cars fail on electric cars. NAPA® Echlin® and NAPA® Temp offer more than 2,500 parts for electric vehicles and our coverage is continuing to expand.

EV Coverage

2,500+
PARTS

50
MODELS

NAPA® Echlin® and NAPA® Temp have 40+ parts for the 2019 Chevrolet Bolt EV



Tesla Coverage

Teslas remain the most popular electric vehicles on the road. NAPA® Echlin® and NAPA® Temp have multiple components for a variety of systems specifically for Teslas.

NAPA® Echlin® and NAPA® Temp Tesla Coverage



Charging Cables & Adapters

Quick, reliable charging is critical for the daily use of electric vehicles. NAPA® Echlin® offers both universal and vehicle-specific charging cables as well as an adapter that allows Tesla owners to charge their vehicle at any charging station.

For the most recent applications, check the online catalog at NAPAEchlin.com

Did You Know

Charging EVs and PHEVs generates a lot of heat in the battery. The battery cooling system must be operating properly for the vehicle to charge.



EBC301
Universal Charging Cable
Import & Domestic
Cars & SUVs
VIO: Universal



EBC303
Charging Cable
Toyota Cars & SUVs
(2022-10)
VIO: 822K



EBC300
Charging Adapter
Tesla Cars & SUVs
(2023-08)
VIO: 1.6M



NAPA® Temp Battery Cooling Fans

Batteries in hybrid and electric vehicles require constant cooling. This helps both battery life and the range of the vehicle. NAPA® Temp offers multiple Battery Cooling Fans for popular import and domestic hybrid vehicles. For a complete list of applications, visit NAPATemp.com.

Did You Know

An excessive amount of debris or animal hair can get ingested into battery cooling fans. Ensure the inlet to the fans is clean to prevent overheating.



412785

Toyota & Lexus Hybrid Cars
(2017-10)
VIO: 851K



412782

Toyota Hybrid Cars
(2009-04)
VIO: 432K



412784

Toyota & Lexus Hybrid Cars
(2020-18)
VIO: 362K



412778

Honda Hybrid Cars
(2016-05)
VIO: 184K



412777

GM Hybrid Cars
(2018-11)
VIO: 160K

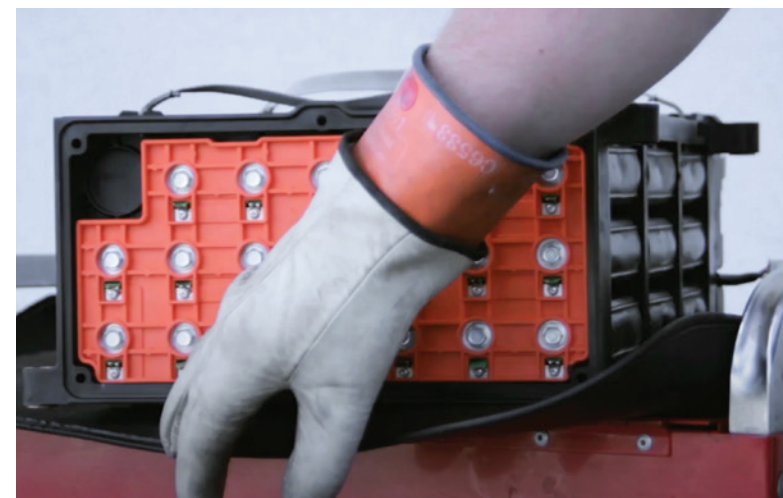
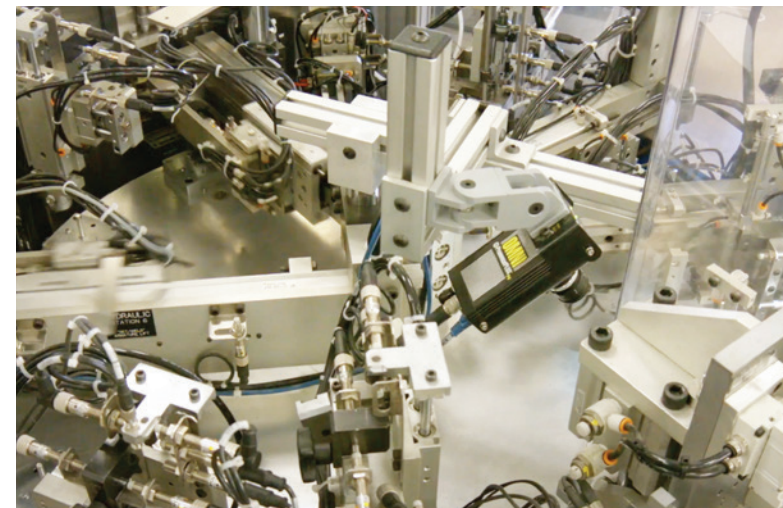
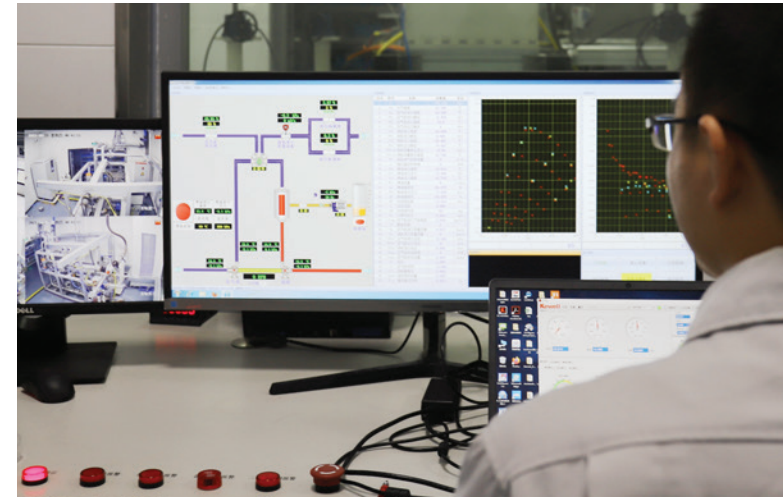


412775

Ford & Lincoln Hybrid Cars
(2018-13)
VIO: 159K

NAPA® Echlin® Quality

Hybrid, EV, gasoline or diesel, our parts are engineered, manufactured and tested to function correctly in all driving conditions.



Research and Development

We have 13 R&D Centers around the world including New York, South Carolina, Poland and Germany. We are committed to developing the best-performing aftermarket parts available

Precision Manufacturing

From start to finish, we are an expert manufacturer, validating all components including raw materials. Our manufacturing facilities are IATF 16949, ISO 9001 and ISO 14001 certified

Testing and Performance Analysis

Thermal shock, vibration, salt spray and more, NAPA® Echlin® parts are subjected to a series of tests and undergo a detailed validation process

On-Vehicle Validation

Hybrids and EVs have complex electronic systems. Our parts are tested on vehicles to make sure they function correctly and integrate with all electronic systems

NAPA® Echlin® Pro Training Tech Tip

As experienced ASE-certified automotive technicians themselves, NAPA® Echlin® Pro Trainers are experts in Hybrid & EV systems.

Here's what they say to look out for when servicing a hybrid or electric vehicle.



Safety is the first priority when working on hybrids or EVs — Make sure you have an understanding of how the electric drive system works, and wear the appropriate protective equipment



If a Chevy Bolt won't charge above 80%, verify that the vehicle isn't in "Green Energy Mode" — This mode leaves extra capacity in the battery in case the vehicle is driven extensively downhill, and for regenerative braking



When testing a Honda HEV, view the "Battery Pack Capacity" data PID — If it doesn't read over 55 Amp/Hours, it is getting to the end of its useable life

NAPA® Echlin® Professional Training

**Award-Winning In-Person, Live
Virtual, and Online Learning**

NAPA® Echlin® Pro Training delivers accredited classes that educate technicians in the latest automotive repair technologies, and techs can earn CEU credits.

An extension of NAPA® Echlin® training, our extensive YouTube video library has over 500 technical and installation videos.



Available Classes

Electric Vehicle Safety Concerns

EV and Hybrid Service Tips

Late Model Hybrid Systems

Chevrolet Volt Overview

Toyota Hybrid Tips

Honda Hybrid Tips

Hybrid Battery Diagnosis

Electric Vehicle HVAC Components
and Operation



Available Classes

Vehicle Electrification / Hybrid Tips

Powertrain Electronics

Modern AC Diagnosis and Repair

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