

Sealing, shielding and thermal solutions

Optimizing electric vehicle system performance



ENGINEERING YOUR SUCCESS.

Helping EV manufacturers build in great

Electric vehicles pose unique challenges to car makers, especially in the areas of heat management and electrical interference protection. In addition to providing custom-engineered solutions, Parker offers thousands of proven products for use in the electric vehicle market.

Value added services

Parker can streamline your manufacturing process. Custom kits, part marking and special packaging simplify inventory control and can support subsystem development and integration.

Product innovation

Voice-of-the-customer programs, market knowledge, and six decades of engineering, material formulation and manufacturing experience all combine in the offering of innovative new products to meet your evolving needs.

Application engineering

Our team of expert application engineers – offering decades of real-world experience – can help you find the most reliable, cost-effective solution for your application.

Worldwide and where you need us

Local Parker market specialists provide a single point of contact for customers while our world headquarters is the hub of an established global network of over 300 distributor and service center locations. Parker products and advice are never far away.



SOME OF THE WAYS WE HELP ENGINEER SUCCESS IN ELECTRIC VEHICLES

Electrical control units

Overmold perimeter seals
Press-in-place (PIP) perimeter seals
Two-part thermal gels

Onboard chargers

Custom molded connectors
Extruded perimeter seals
Press-in-place (PIP) perimeter seals

Converters

Press-in-place (PIP) coolant seals
Press-in-place (PIP) environment seals
Thermal interface materials

Inverters

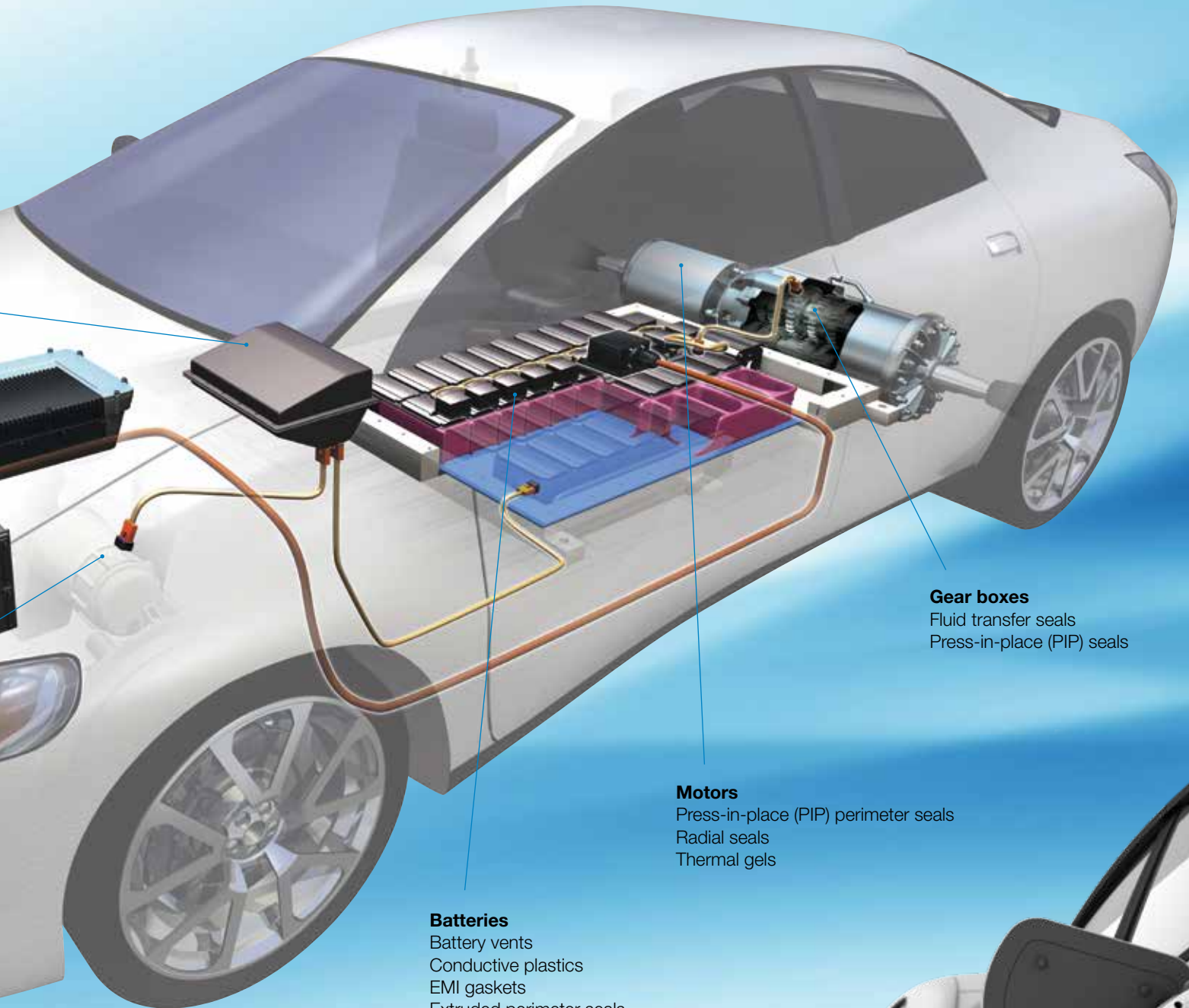
Cooling system O-ring seals
Extruded EMI gaskets
Extruded perimeter seals
Perimeter carrier gaskets
Press-in-place (PIP) perimeter seals
Thermal gels

High-voltage connectors

Custom molded connectors
EMI gaskets and shielding
Extruded perimeter seals
Press-in-place (PIP) perimeter seals



er efficiency and reliability



Gear boxes

Fluid transfer seals
Press-in-place (PIP) seals

Motors

Press-in-place (PIP) perimeter seals
Radial seals
Thermal gels

Batteries

Battery vents
Conductive plastics
EMI gaskets
Extruded perimeter seals
Cooling system O-rings
Sealing washers
Thermal gels
Thermal interface materials
Port seals



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