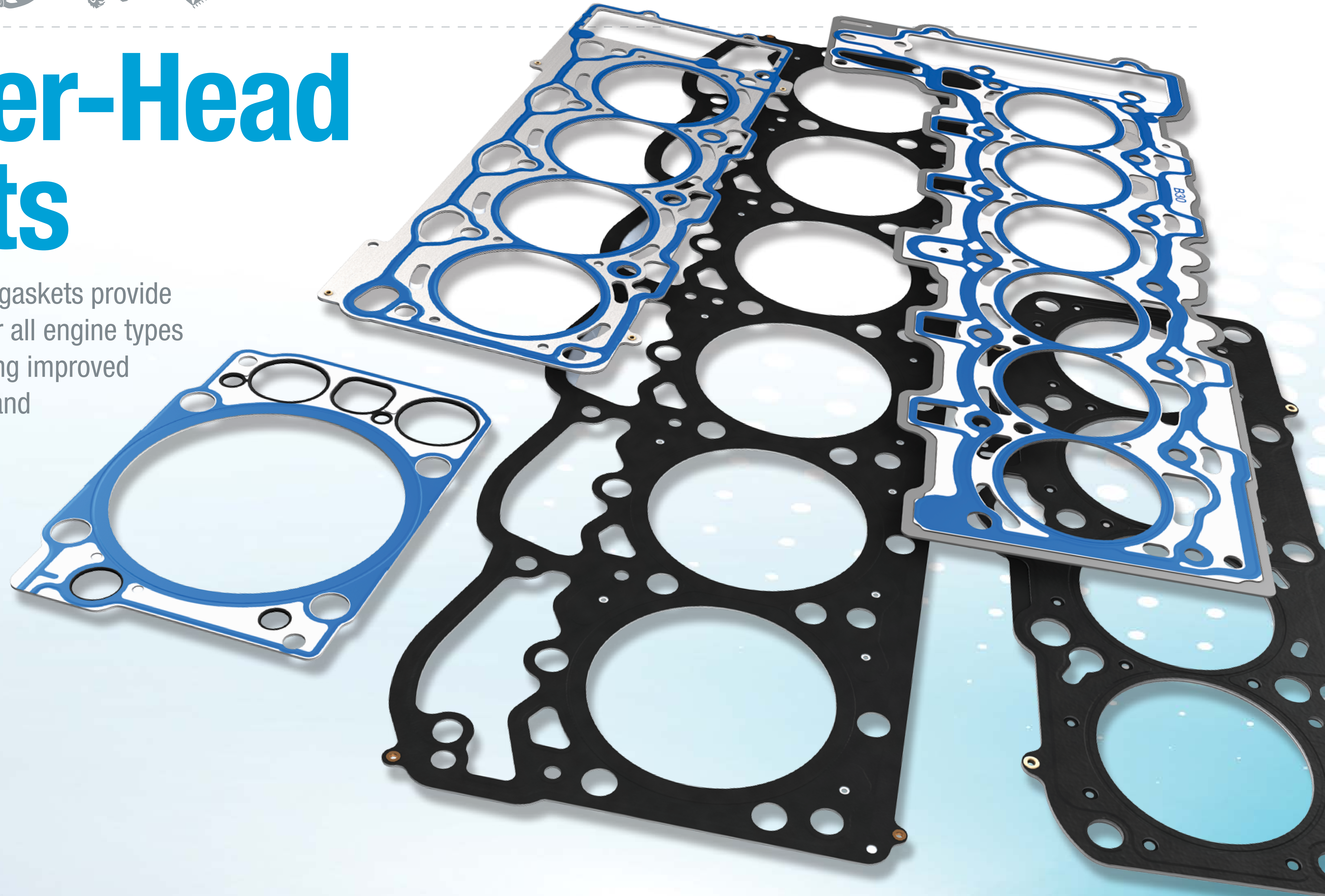


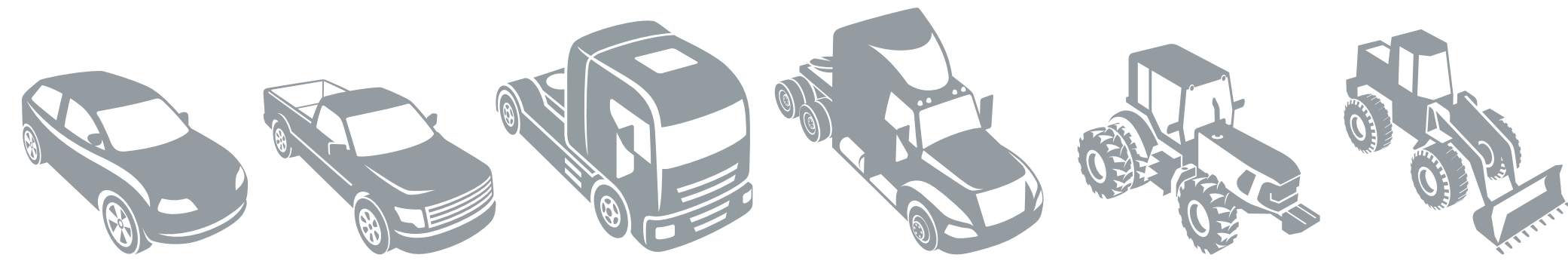
VICTOR REINZ®

Sealing Products

Cylinder-Head Gaskets

Victor Reinz® cylinder-head gaskets provide reliable sealing solutions for all engine types and configurations, delivering improved performance in both light- and commercial-vehicles.



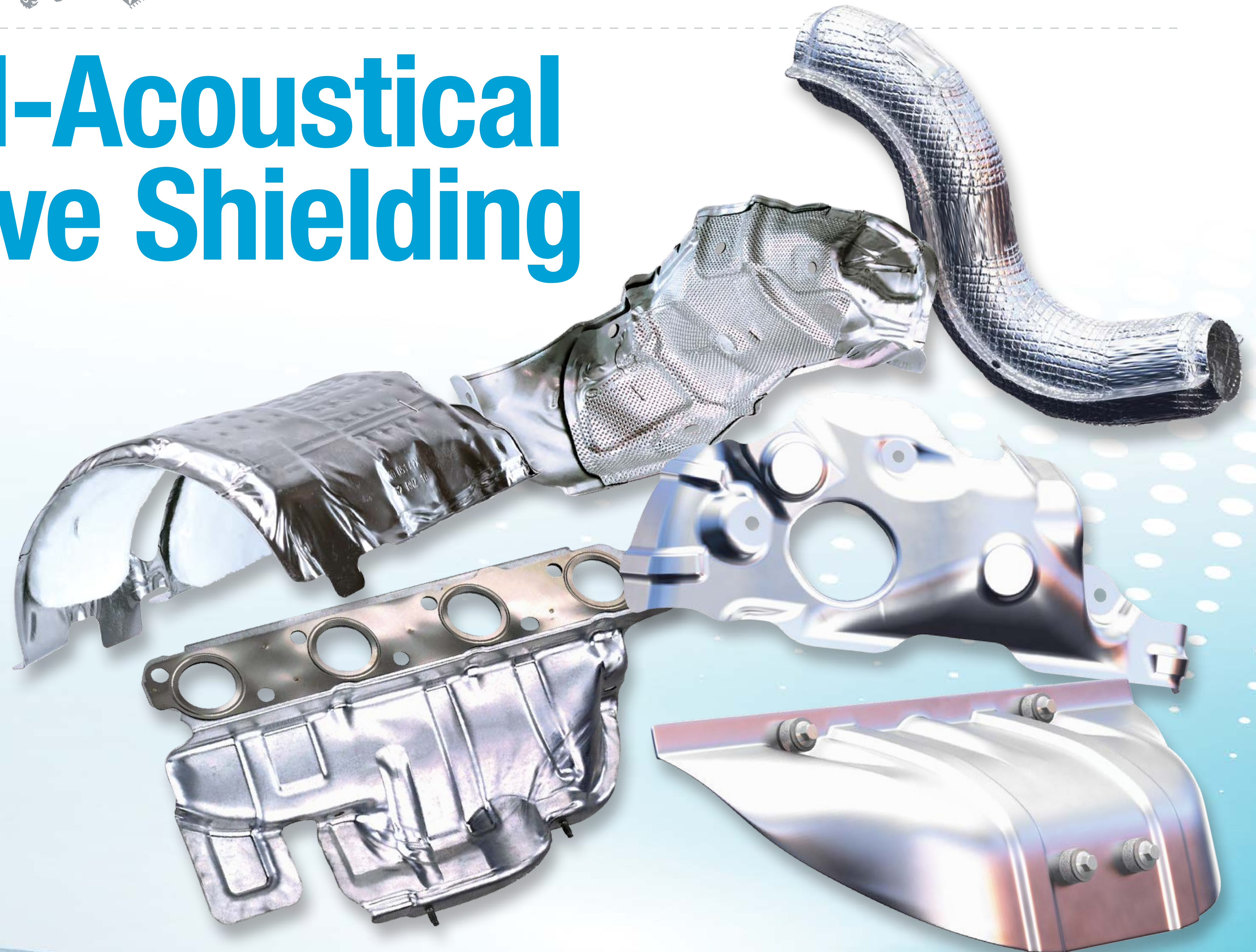


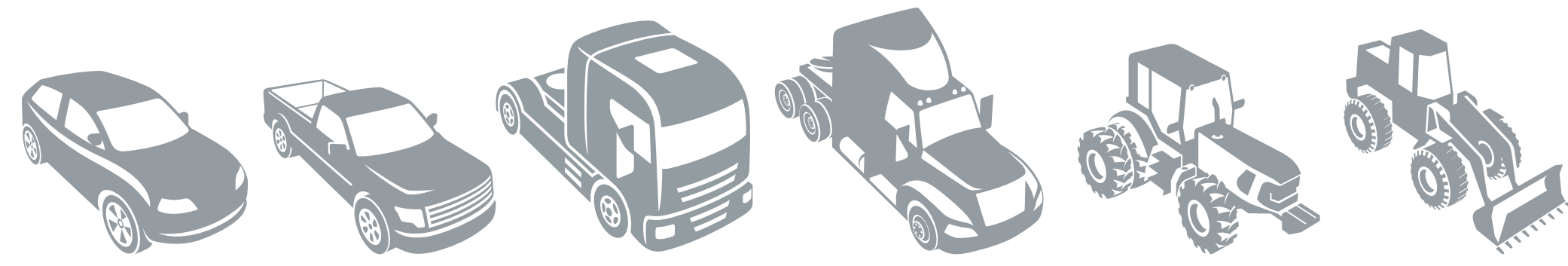
VICTOR REINZ®

Sealing Products

Thermal-Acoustical Protective Shielding (TAPS)

Our comprehensive line manages component temperatures while offering noise suppression and mass reduction options.



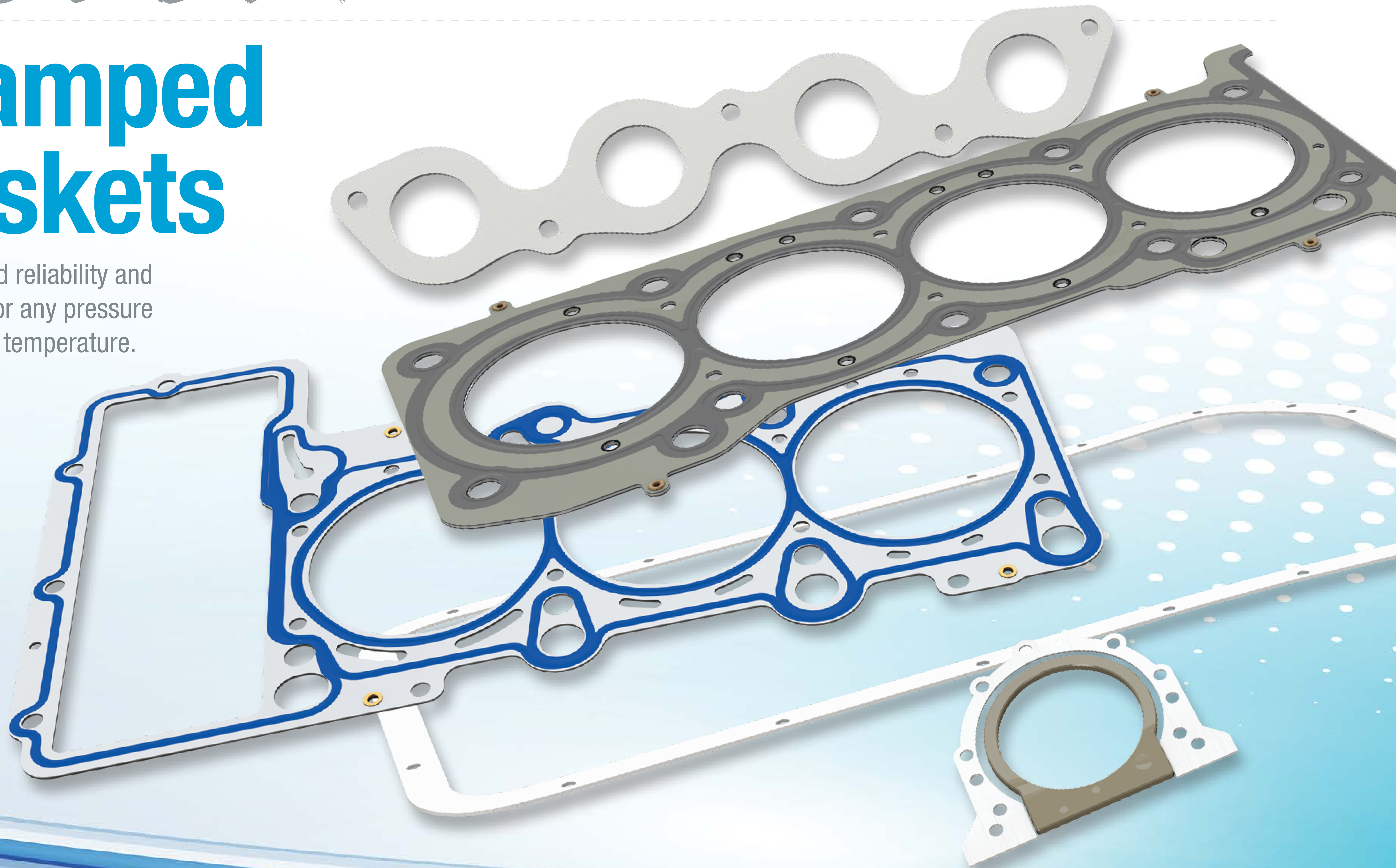


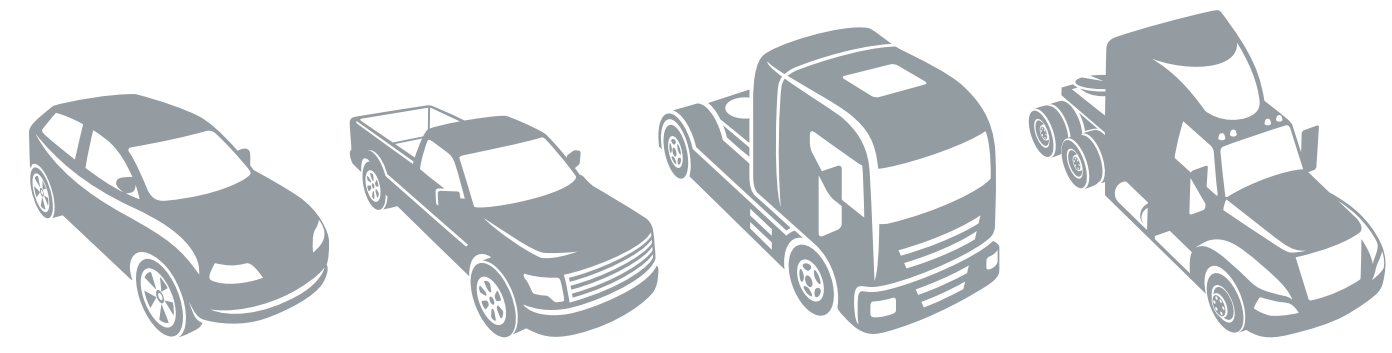
VICTOR REINZ®

Sealing Products

Stamped Gaskets

Unsurpassed reliability and protection for any pressure condition or temperature.





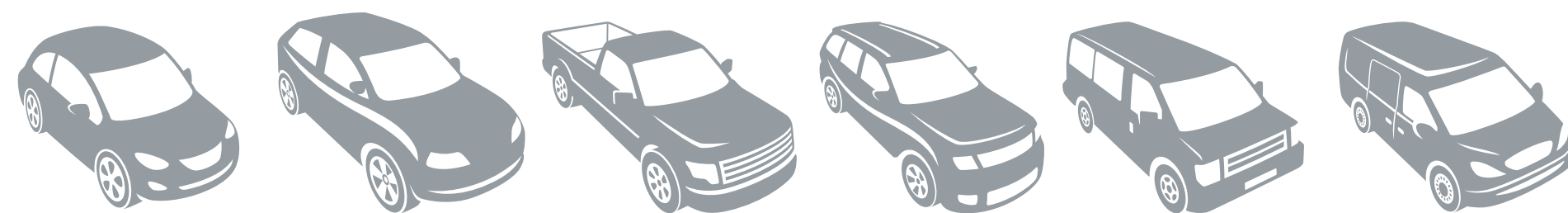
VICTOR REINZ®

Sealing Products

Cylinder-Head Covers and Oil Pan Modules

These compact, lightweight,
highly integrated plastic modules
are customizable for any application.



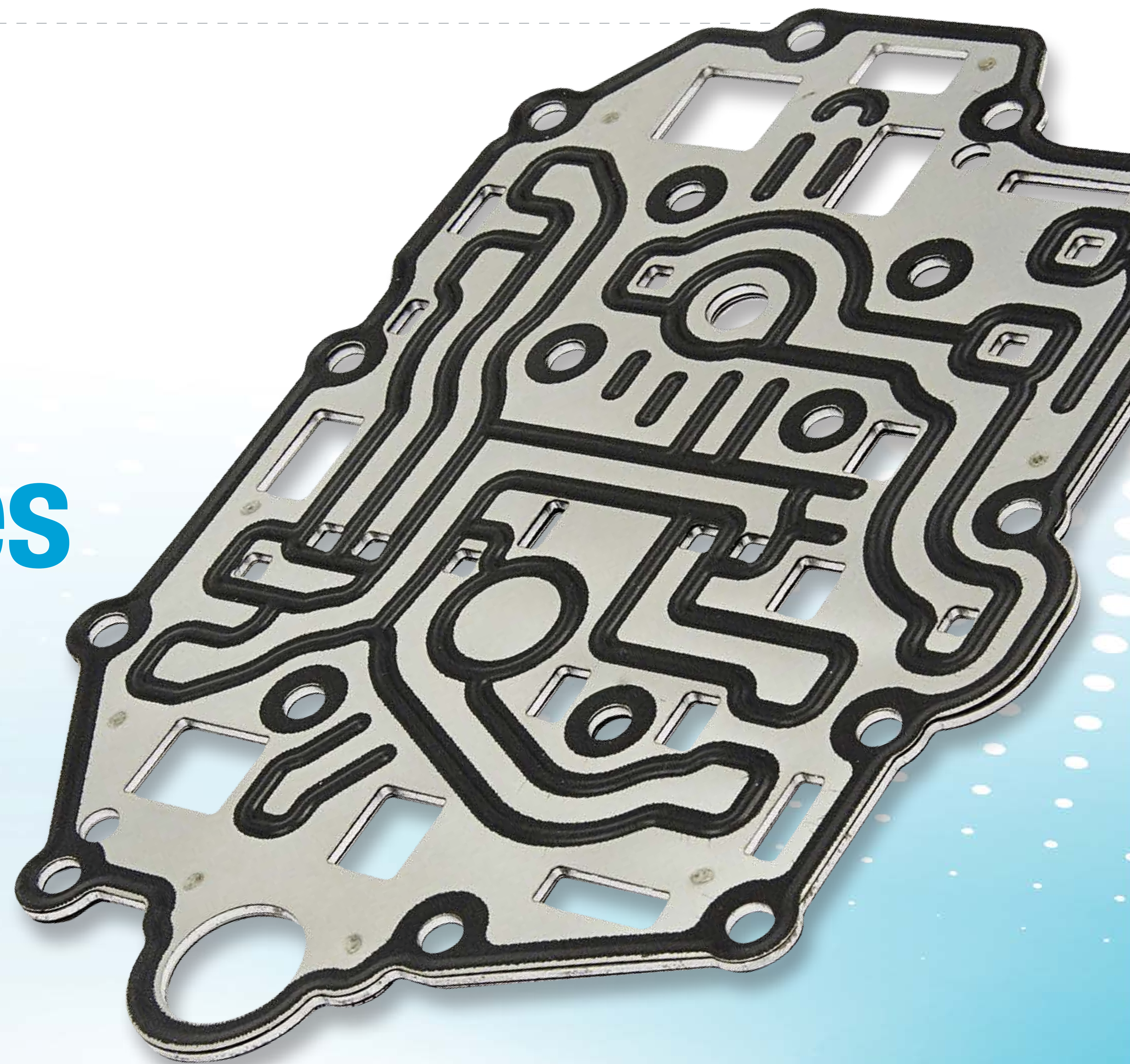


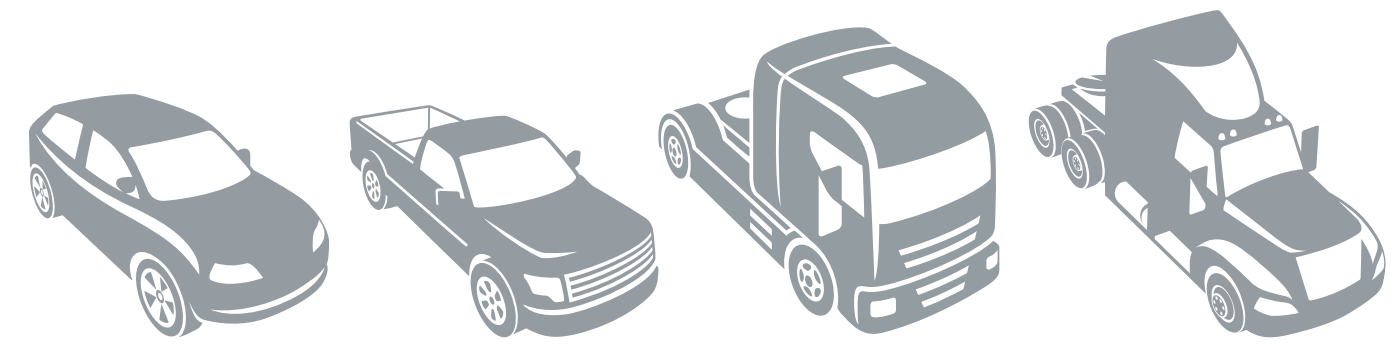
VICTOR REINZ®

Sealing Products

Multi-Layer Steel (MLS) Transmission Separator Plates

Increases valve body sealing to eliminate internal leak paths and provide optimal performance under higher operating pressures.





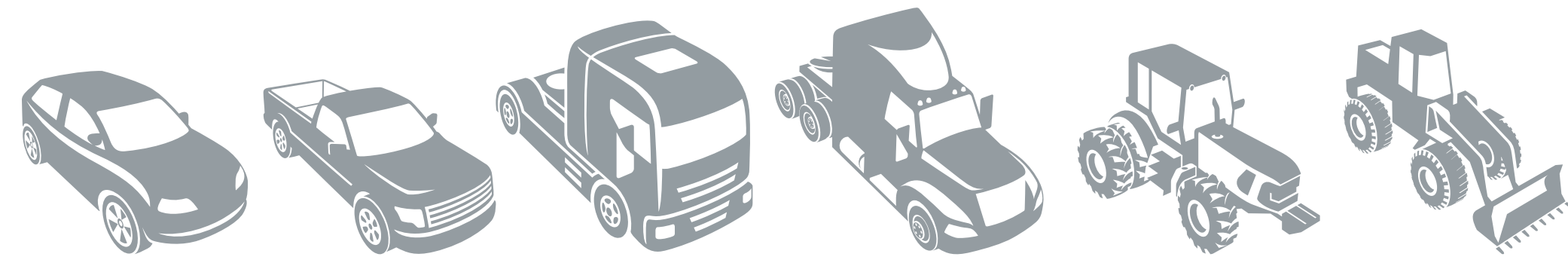
LONG[®]

Thermal Products

Active and Passive Warm-Up

Highly efficient, integrated thermal-management system reduces complexity and response time for lower fuel consumption and emissions.





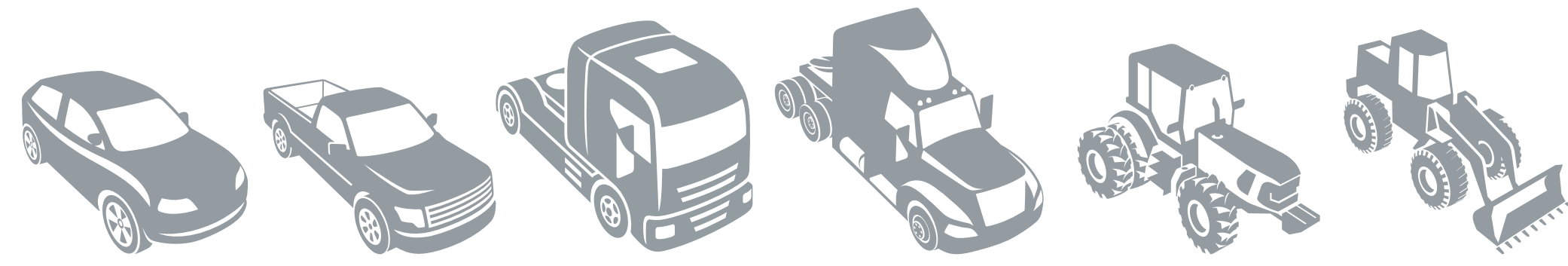
LONG®

Thermal Products

Stacked-Dish Coolers

Feature flexible design and installation options with superior cooling properties to reduce thermal load while improving performance and durability in high-heat environments.



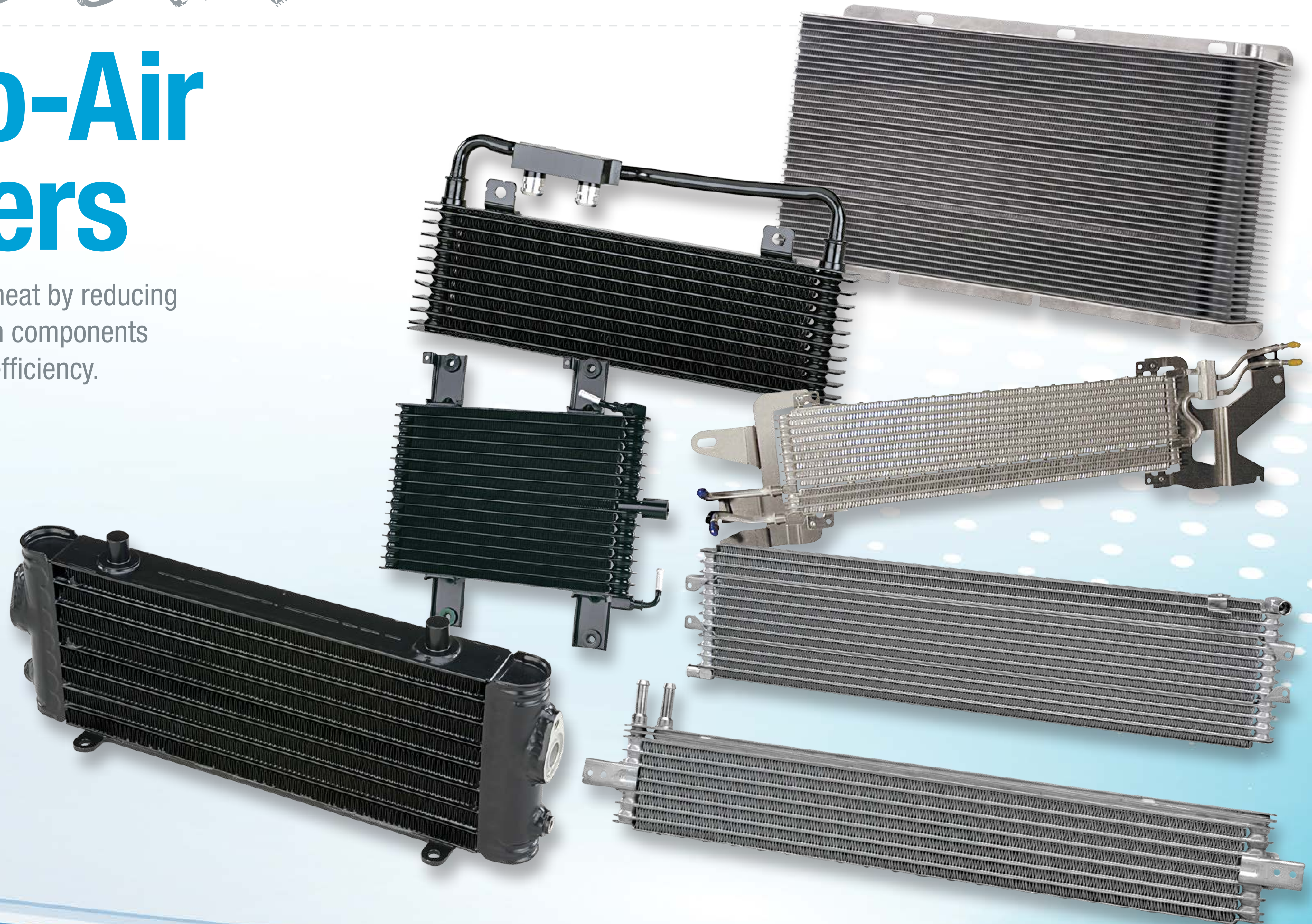


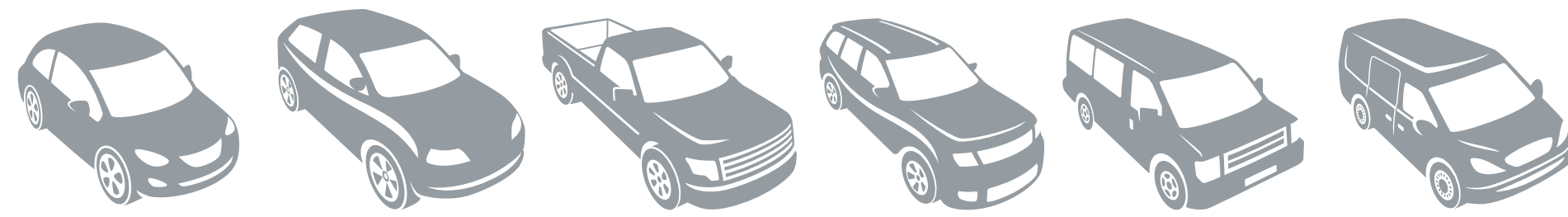
LONG[®]

Thermal Products

Oil-to-Air Coolers

Effectively manage heat by reducing friction in powertrain components to enhance vehicle efficiency.





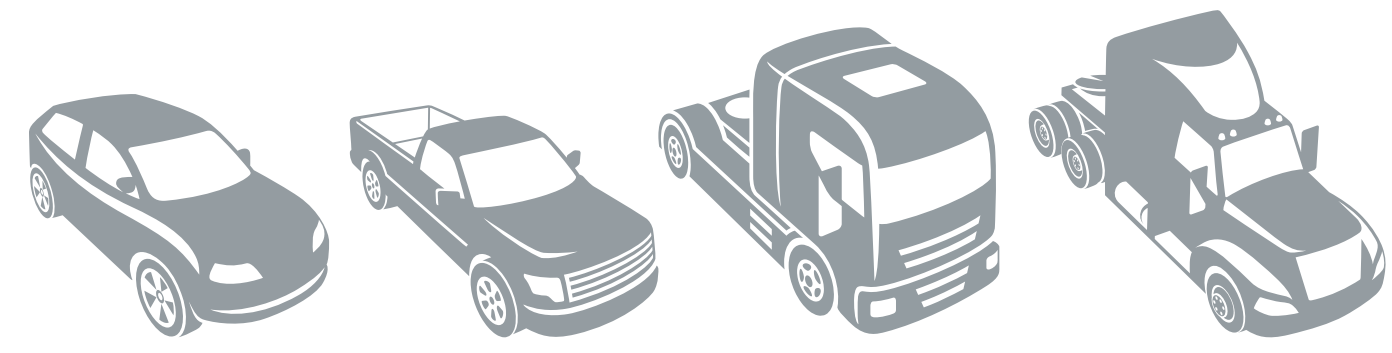
LONG[®]

Thermal Products

Thermal Solutions for Hybrid and Electric Vehicles

With state-of-the-art battery cooling chillers and cold plates, Dana delivers advanced cooling technologies that meet the unique needs of today's battery systems and power electronics.





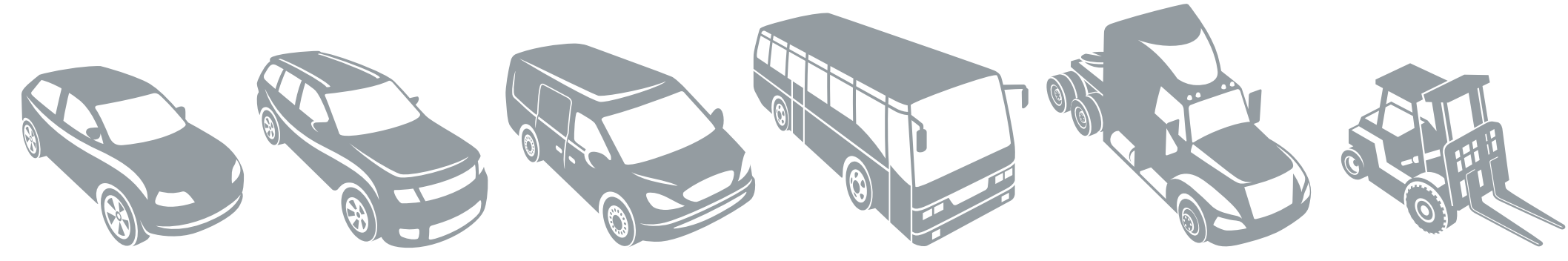
LONG[®]

Thermal Products

Charge Air Cooling

Advanced heat exchanger designs provide improved engine volumetric efficiency for specified performance and lower displacement.





VICTOR REINZ®

Sealing Products



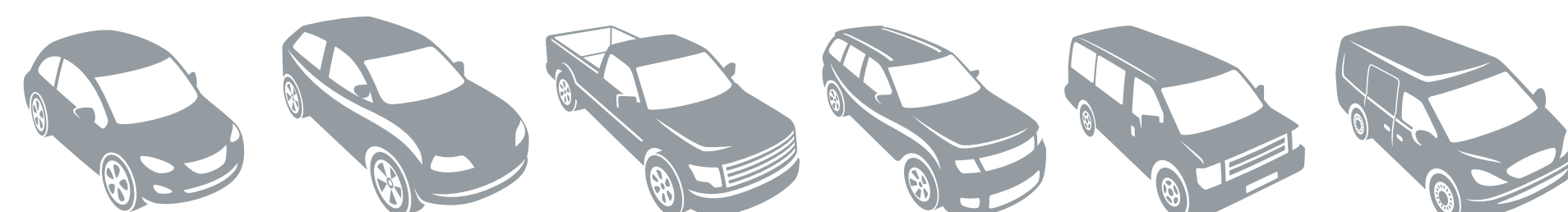
LONG®

Thermal Products

Fuel Cells

Optimized product solutions meet new fuel-cell system requirements, including bipolar plates and high-performance thermal- and water-management components.





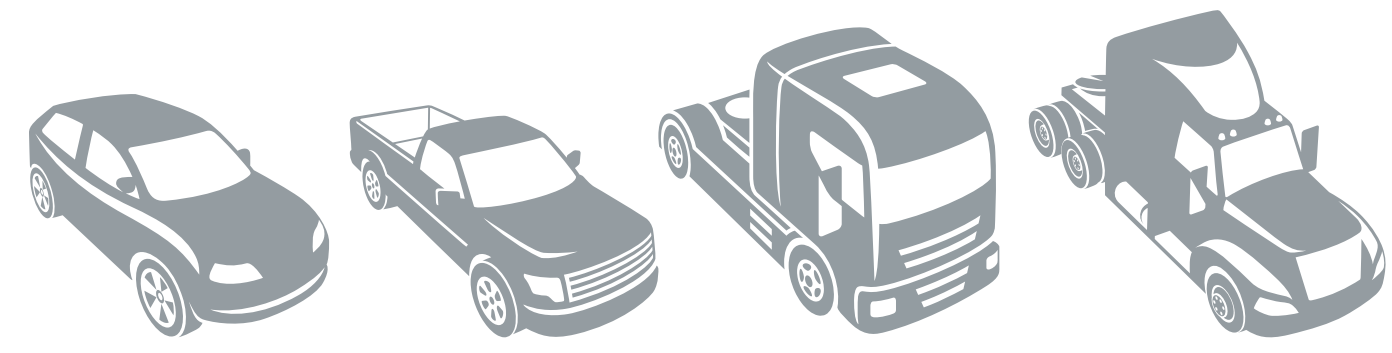
VICTOR REINZ®

Sealing Products

Direct-Insulation Thermal-Acoustical Protective Shielding (TAPS)

Victor Reinz® direct-insulation heat shields are constructed with an aluminized or stainless steel outer shell and insulated with a high-temperature fiber mat through fully automated forming processes. Popular on many diesel vehicles, our direct-insulation heat shields can fully envelop exhaust components as needed.





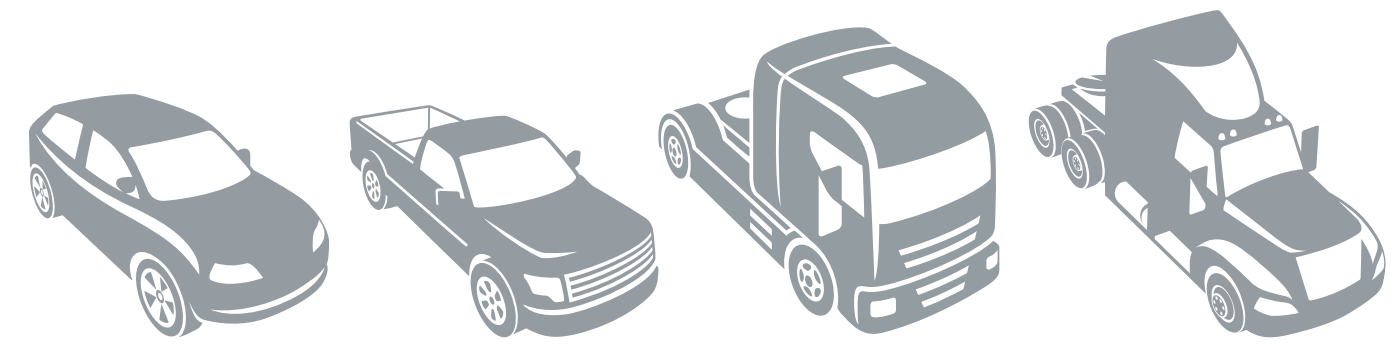
VICTOR REINZ®

Sealing Products

MultiTwister™ Air/Oil Separation System

This patented, efficient, and reliable system helps reduce oil consumption and emissions.



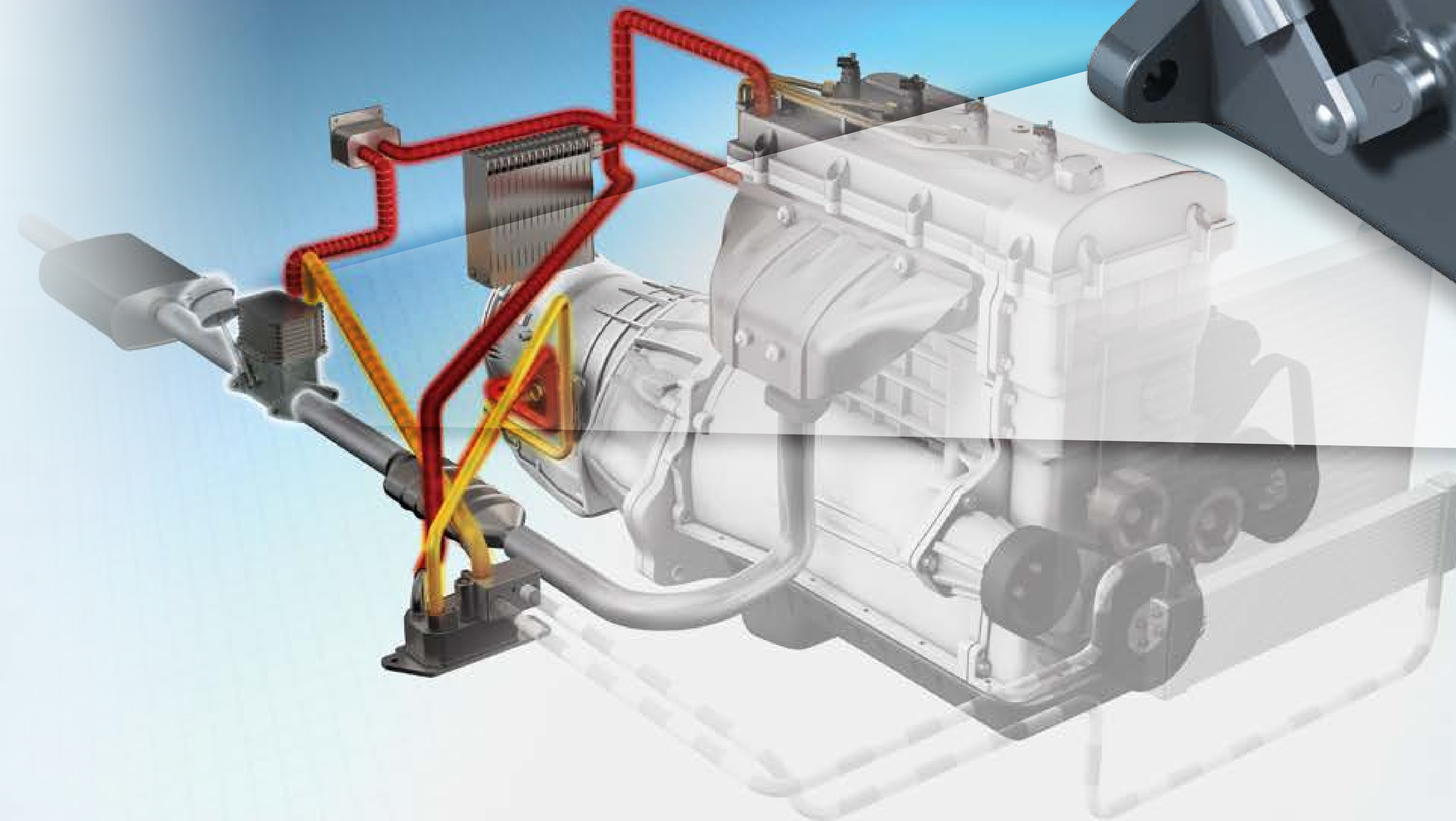
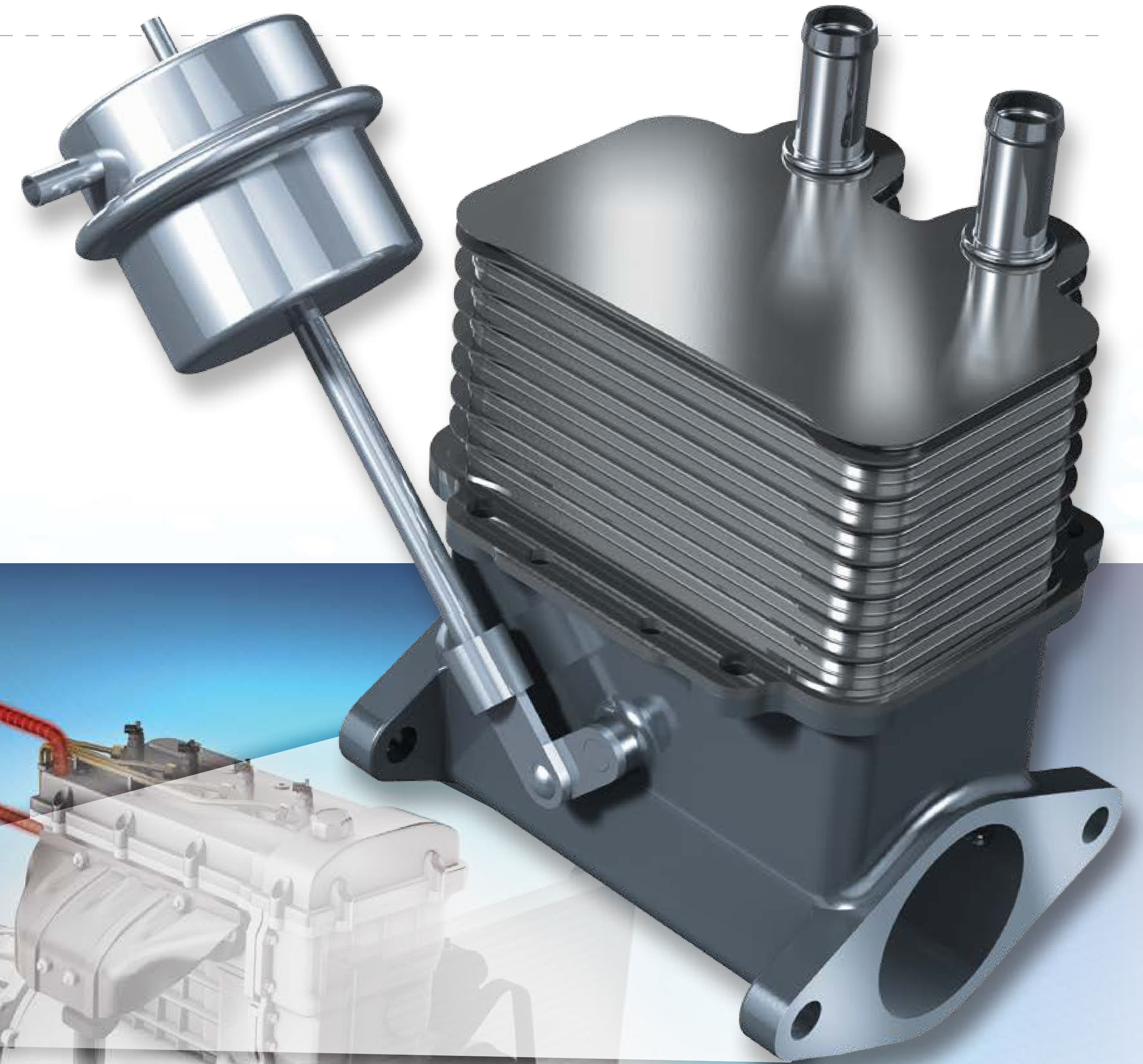


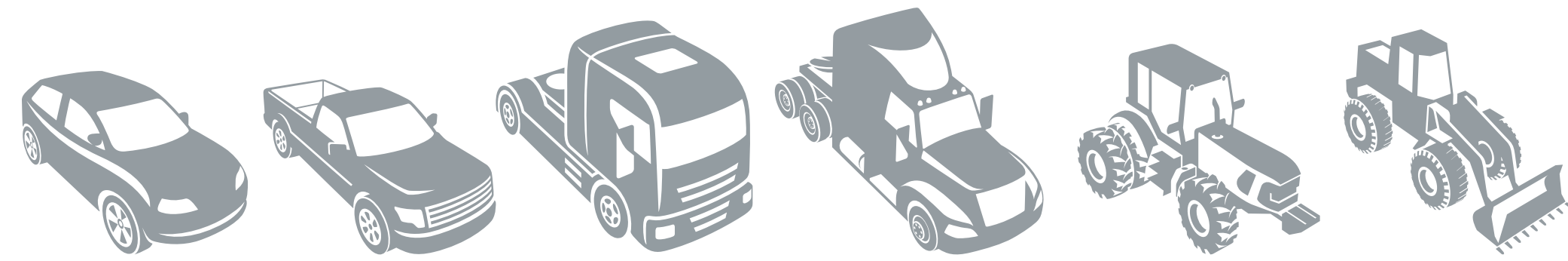
VICTOR REINZ®

Sealing Products

Exhaust Gas Heat Recovery (EGHR)

Lighter and smaller than competing products, Dana's EGHR technology curbs carbon emissions, while improving fuel economy by 2-3%.





VICTOR REINZ®

Sealing Products



LONG®

Thermal Products

Dana Power Technologies

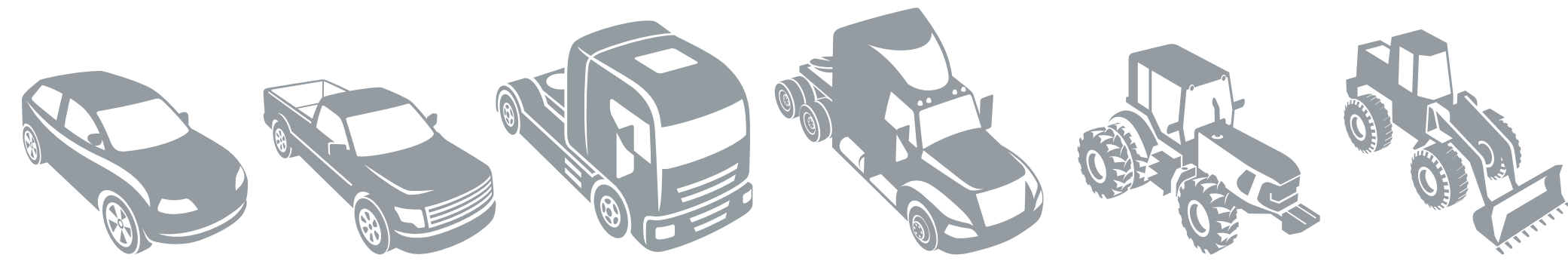
Dana's Victor Reinz® sealing systems and Long® thermal-management solutions are fully integrated, customized technologies that enhance the efficiency and performance of both conventional and future powertrains.

Sealing Solutions



Thermal Management





VICTOR REINZ®

Sealing Products



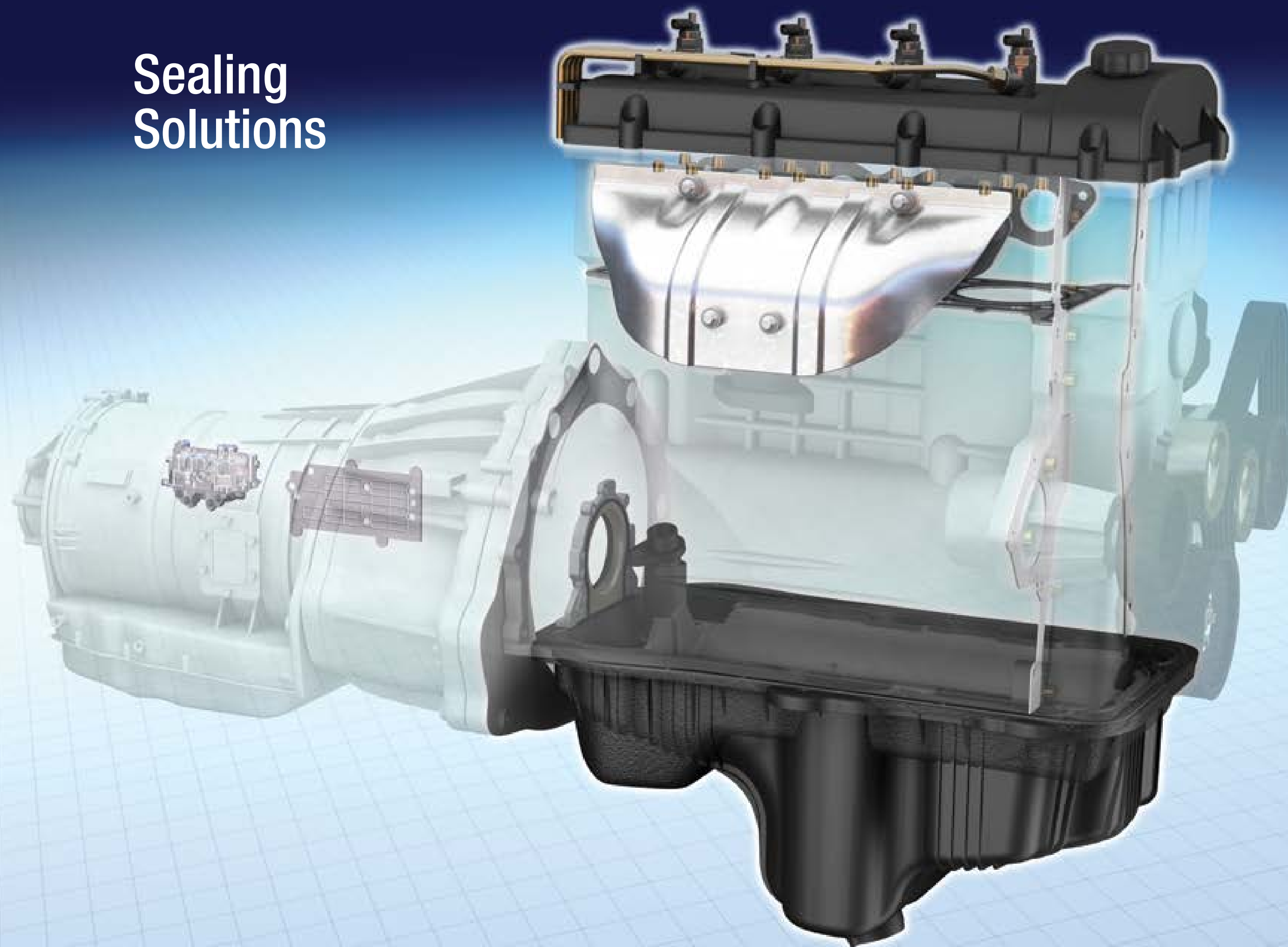
LONG®

Thermal Products

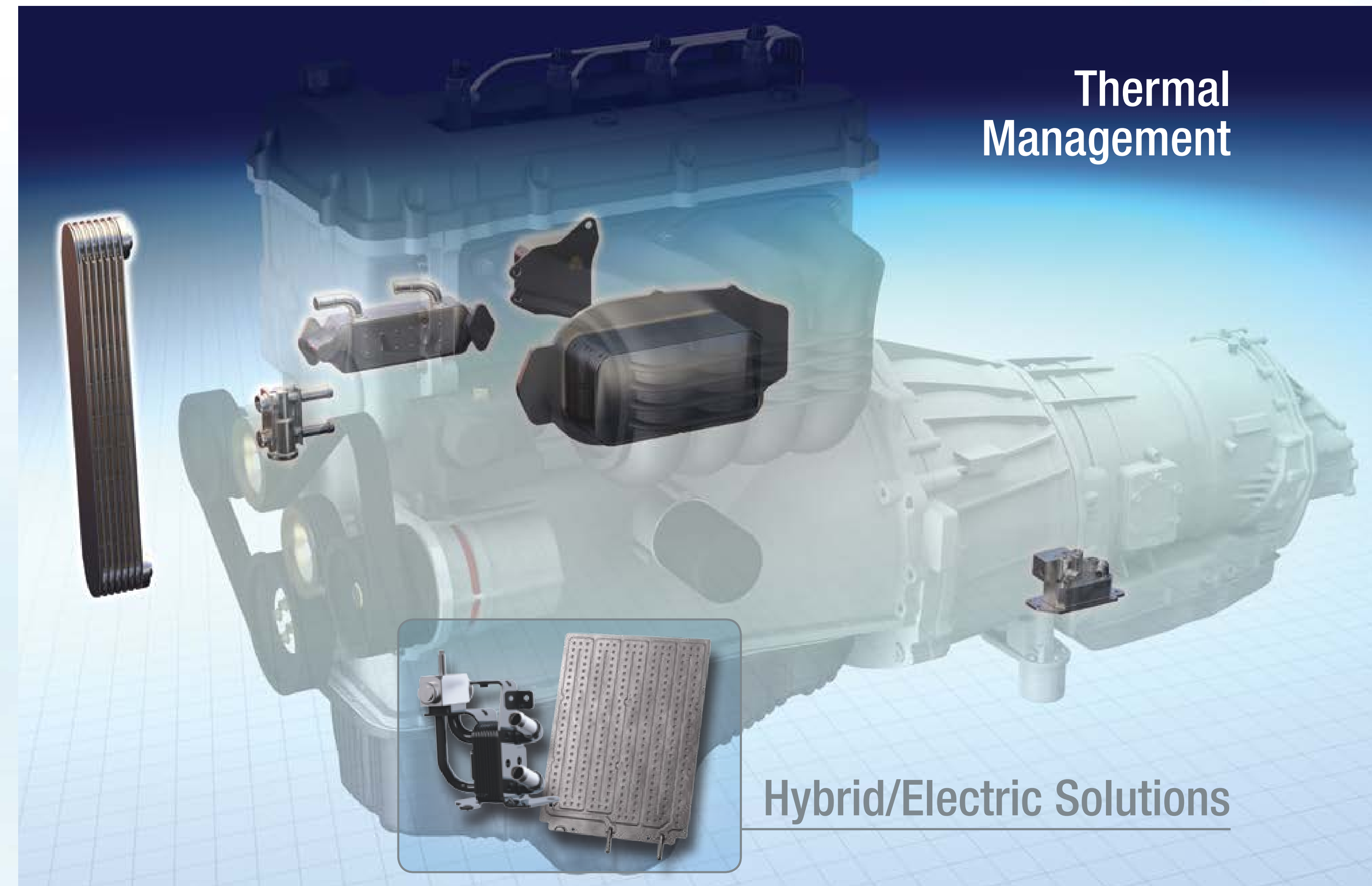
Dana Power Technologies

Dana's Victor Reinz® sealing systems and Long® thermal-management solutions are fully integrated, customized technologies that enhance the efficiency and performance of both conventional and future powertrains.

Sealing
Solutions



Thermal
Management



Hybrid/Electric Solutions