

Discover ebm-papst in
automotive technology.

Innovative drive and ventilation solutions for passenger cars and commercial vehicles.

ebmpapst

The engineer's choice



ebm-papst innovations for automotive technology:

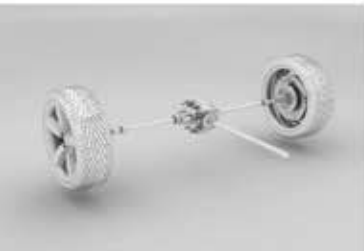
As a highly qualified engineering partner of the automotive industry, our innovations have been helping to make the driving experience safer, more comfortable and less stressful for several decades. A growing number of renowned manufacturers and system suppliers, in both the passenger and commercial vehicle areas, are among our

customers. Their satisfaction is the result of co-operation as partners and sophisticated, highly reliable products.



1 Exhaust gas treatment.

- High power density
- Wide range of speeds
- Low operating noise
- Long service life and reliability
- Maintenance-free



2 Actuator.

- Maintenance-free
- Highly dynamic
- Long service life and reliability
- Customized adaptations
- For 12V- and 24V-application



3 Electronics cooling.

- Compact design
- Low power consumption
- For use at high ambient temperatures
- Adjustable speed



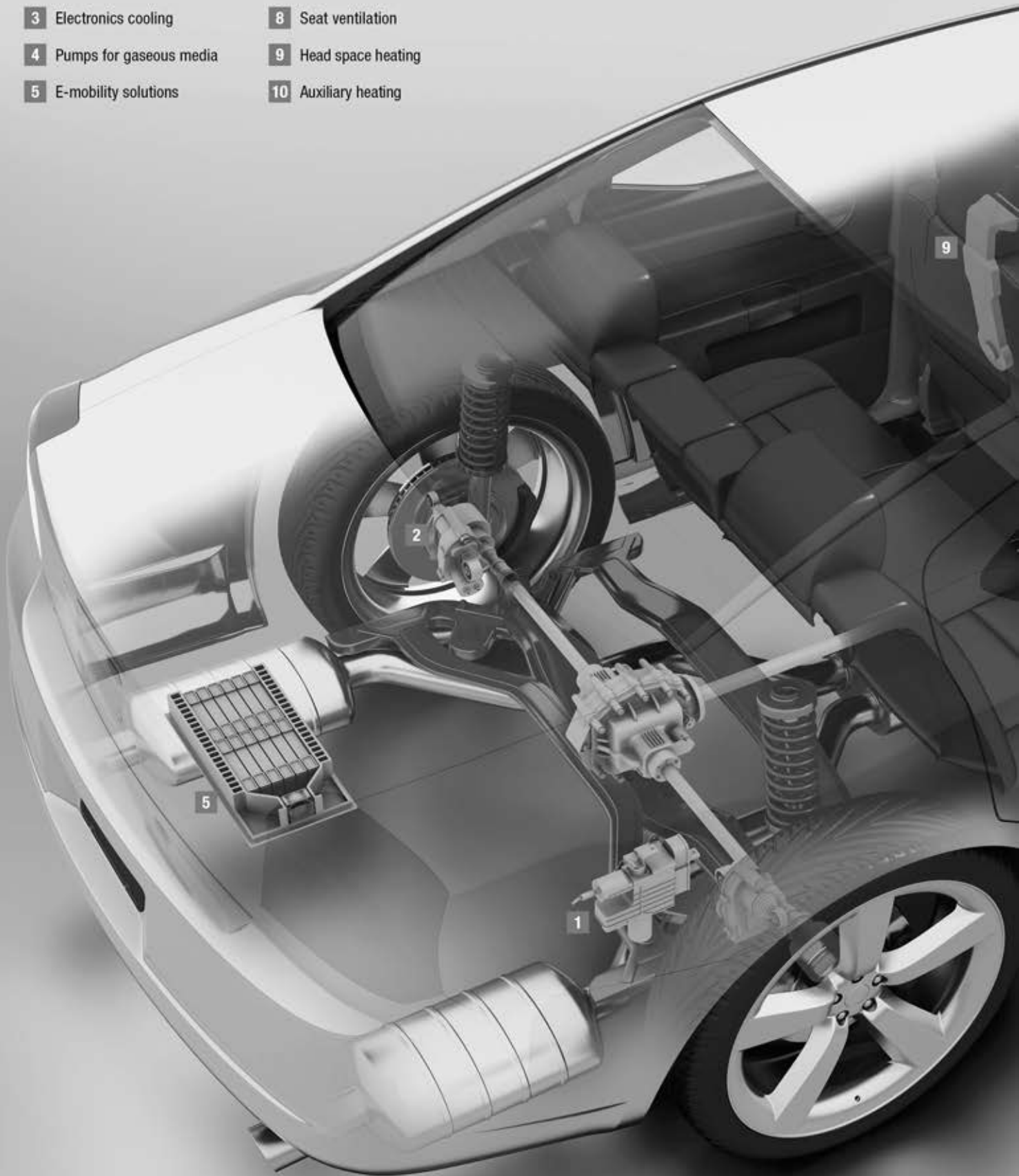
4 Pumps for gaseous media.

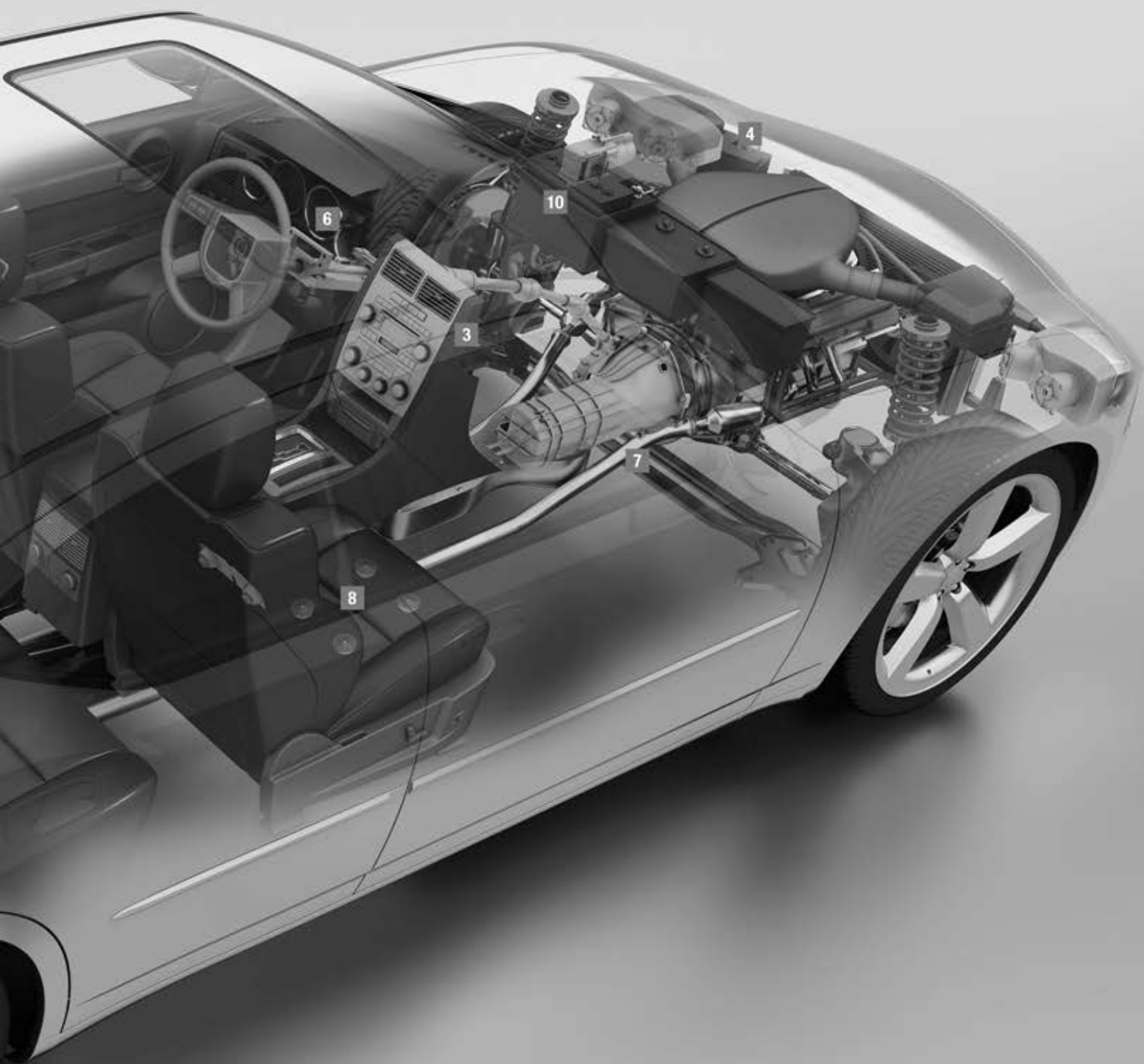
- Less space required for installation
- Media resistance
- High pressure build-up
- Highly dynamic
- Use with high ambient air temperatures

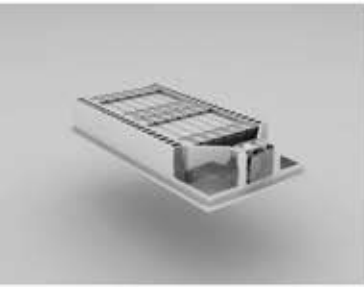


Examples of applications for ebm-papst products.

- | | |
|----------------------------------|---------------------------------|
| 1 Exhaust gas treatment | 6 Power steering |
| 2 Actuator | 7 Pumps for liquid media |
| 3 Electronics cooling | 8 Seat ventilation |
| 4 Pumps for gaseous media | 9 Head space heating |
| 5 E-mobility solutions | 10 Auxiliary heating |







5 E-mobility solutions.

- Noise-optimized
- Long service life and reliability
- Compact design
- Low power consumption
- Use at high ambient air temperatures



6 Active front steering.

- Extremely compact design
- Highly dynamic
- Long service life and reliability
- Contributes to increased driving convenience and safety



7 Pumps for liquid media.

- Glandless
- Fuel savings
- Long service life and reliability
- High power density
- Resistant to transmission Gearoil
- Complete electronic system



8 Seat ventilation.

- Aerodynamic design in seat / customized
- Noise-optimized
- Optimized for installability
- Low operating noise at high flow rate



9 Head space heating.

- 3-phase fan drive with very smooth operation
- High pressure build-up
- Diagnostic signal
- Output control
- System integrated in headrest
- Customized housing shape



10 Auxiliary heating.

- Fully integrated solution
- Robust and maintenance-free
- High efficiency, Highly efficient
- Customized design via software and hardware adaptations

