ELECTRIC POWER STEERING

Advanced safety & performance with precise, predictable feel of the road

Choose Nexteer Electric Power Steering (EPS) for:
- Superior Systems & Software Integration on safety-critical electro-mechanical systems
- In-House Ownership of software, electro-mechanical design, testing and manufacturing
- Product Range Adaptability from small cars to heavy-duty trucks and light commercial vehicles
- Advanced Development for next-gen steering
- Proven Experience & Product Reliability in all segments and product technologies
- Fast & Flexible product development and customized solutions

SOFTWARE: ADVANCING EPS CAPABILITIES

As the industry migrates toward vehicle-level designs that are more defined by software rather than hardware, we’re capitalizing on our software and electronics expertise to deliver advanced safety and performance features in safety-critical steering.

Nexteer’s EPS software solutions enable advanced safety and performance capabilities, such as driver assist features, low FIT levels, cyber security and even customized steering feel that can be tailored to an OEM’s brand.

ELECTRICATION

Nexteer’s underhood EPS systems (Rack and Pinion EPS) can support an electric vehicle’s unique load requirements and accommodate electrified variants of current full-size trucks and SUVs.

SOFTWARE

As OEMs require steering systems with advanced safety and functionality, this demands complex software solutions like those found in our 10 FIT High Availability EPS system.

ADAS/AUTOMATED DRIVING

Our EPS systems enable many driver assist features used on the road today, such as lane keeping, park assist, traffic jam assist, cross-wind compensation, lane departure warning and more. For ADAS Levels 3+, low FIT steering systems, like Nexteer’s 10 FIT High Availability EPS, are safety-critical.

MOBILITY AS A SERVICE (MaaS)

10 FIT Steering Systems, like Nexteer’s High Availability EPS, is a key enabling technology for autonomous people and goods movers.

Visit Nexteer.com/electric-power-steering for more details.

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