

Press Release

E-motor, transmission, power electronics

## **Schaeffler Vehicle Lifetime Solutions launches repair solutions for Stellantis vehicles with EMR3 axle**

FRANKFURT, 2026-02-19.

- Schaeffler E-Axle RepSystem-G and Schaeffler E-Axle RepSystem-M are now also available for the EMR3 axle in Stellantis vehicles
- The new Schaeffler Vitesco E-Axle PEU KIT enables, for the first time, simple repairs in the area of power electronics
- The E-Axle Repair Tool for e-axes supports contactless disassembly and assembly of rotor and stator

Until now, when electric vehicles such as the Opel Mokka or Peugeot 208e experienced issues with the electric motor, reduction gearbox, or peripheral components of the power electronics, the only option was an expensive replacement of the complete e-axle. Thanks to Schaeffler Vehicle Lifetime Solutions, this is now a part of the past: with the Schaeffler E-Axle RepSystem-M, the Schaeffler E-Axle RepSystem-G, and the Schaeffler Vitesco E-Axle PEU KIT, distributors and workshops now have access to repair solutions for the EMR3 axle, which is found in many Stellantis vehicles.

### **Repairing the e-axle: now also for Stellantis vehicles**

The Schaeffler E-Axle RepSystem-G and E-Axle RepSystem-M, which are now available, enable workshops to repair the gearbox unit and the electric motor of the EMR3 axle. The KITs contain high-quality bearings and seals specifically assembled for this application in original-equipment quality, as well as detailed and easy-to-understand repair instructions. Complementing these, the Schaeffler E-Axle Repair Tool supports technicians in the precise and contact-free disassembly and assembly of the rotor and stator. This allows workshop staff to carry out the repair with minimal physical effort and without having to work against the strong magnetic forces of the rotor. The tool also prevents any damage from occurring during the process.

“The workshop receives everything from a single source: the required spare parts, the repair instructions developed by our REPEXPERT specialists, and the optimal tool for safe installation,” explains Stephan Niese, Director Global Product Management E-Mobility at Schaeffler Vehicle Lifetime Solutions.

**New: solution for the power electronics**

Completely new and unique in the market is the Schaeffler Vitesco E-Axle PEU KIT, which will be available from the end of February. PEU stands for Power Electronics Unit, which is responsible for converting and controlling electrical energy.

“Failures of the PEU are caused by damage to supply lines or connecting parts – for example, as a result of animal bites,” says Niese. “Up to now, there have been no spare parts available for such damage around the EMR3 axle. A defective coolant hose could lead to replacement of the entire axle. With our new kits, workshops can now carry out these simple repairs around the PEU themselves.”

The first of the two available Schaeffler Vitesco E-Axle PEU KITs contains, among other things, a hose connector and clamps for repairing the cooling circuit. The other KIT includes the shielding plate, screws, the signal wiring harness, and a sealing element, allowing these components to be replaced in the event of damage. As with the Schaeffler E-Axle RepSystems, these kits also come with detailed repair instructions that include all essential information like bolt tightening sequence and torque specifications.

**All core modules of the EMR3 axle covered**

With the Schaeffler E-Axle RepSystem-M and G, as well as the Schaeffler Vitesco E-Axle PEU KIT, the Schaeffler division now offers repair solutions for all three core modules of the EMR3 axle: motor, gearbox, and power electronics. And these new solutions are arriving at exactly the right time: “The EMR3 has been used in Stellantis vehicles since 2019, and these vehicles are now mostly out of warranty and increasingly appearing in independent workshops. With our solutions, these workshops can now repair defective e-axes instead of replacing them completely,” says Niese.

The Schaeffler E-Axle RepSystems and the power electronics solution for Stellantis cover more than half a million vehicles registered worldwide.

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The Schaeffler portfolio for the repair of electric axles and their subsystems, such as the electric motor and the transmission. Photo: Schaeffler

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With the Schaeffler Vitesco E-Axle PEU KIT, repairs to the power electronics can now be performed. Photo: Schaeffler

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