

AAPEX 2023: Schaeffler showcases repair solutions, future technologies

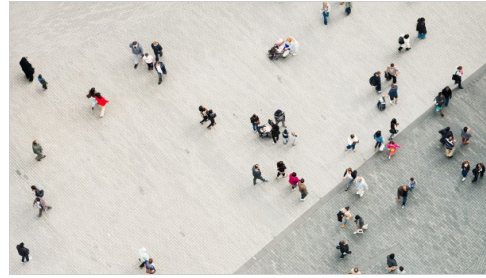
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Schaeffler has announced that it is hosting customers and industry partners at the ongoing 2023 Automotive Aftermarket Product Expo (AAPEX) in Las Vegas, showcasing products and service solutions that enhance a vehicle's life cycle, as well as technologies that

support the transition to electric mobility, according to a note dated Oct. 31 by AAPEX. The event is being held from Oct. 31–Nov. 2 at The Venetian Expo in Las Vegas.



Source: S&P Media portal

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Under the INA brand, Schaeffler is demonstrating valvetrain technologies as well as its expanding lines of timing chain kits, front-end auxiliary drive kits and thermal management modules. The company is also demonstrating the progression of individual bearings; Gen1, that required specialized tools and extensive expertise to install, to Gen2 and Gen3 bearings, which add innovative designs that improve performance and ease of installation as well as incorporating more functionality such as the antilock braking system and harnesses.

The company is featuring future chassis mechatronics, which have more fully integrated components that improve performance and added modularity — products include Schaeffler's intelligent Rear Wheel Steer, intelligent active roll control, its TriFinity wheel bearing (specifically designed for battery-electric vehicles [BEVs]) and its active roll stabilizer.

Under its LuK brand, the company is showcasing transmission products, which include the RepSet and Torque Converter product lines. Schaeffler's transmission business also focuses on providing solutions for future transmission technologies as the industry moves toward hybrid and BEV, developing components, modules and systems such as electric motors and electric axles.

Significance: "Schaeffler's REPERT online platform is the mechanic's go-to tool for information about products, repairs and maintenance," the company said. Schaeffler is hosting trainings on timing chain installation and problem fixing for the GM high-feature 3.6-L V6 engine. "Trainings will include basic teardown and installation with step-by-step instructions, checking for proper timing alignment marks and special tools required," the release added.

Schaeffler said it is also showcasing its newly developed electric-mobility demonstrator vehicle. The modified medium-duty truck integrates the electric motor and gearbox on an 800V 3-in-1 electric-beam axle, including a Schaeffler-developed electric motor.

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