

Allison 4000 Series™ Transmission Now Available with CARB-Compliant PACCAR MX-13 Engine

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New and Only CARB-Compliant Fully Automatic Transmission and Diesel Engine Pairing to Deliver Lower Emissions While Maintaining Optimized Performance for Heavy-Duty Vehicles

INDIANAPOLIS, July 30, 2025 /PRNewswire/ -- Allison Transmission is pleased to announce the Allison 4000 Series™ fully automatic transmission is now available with the new CARB low NOx compliant PACCAR MX-13 engine for Kenworth T880 and Peterbilt Model 567 truck models. The Allison 4000 Series™ is the only fully automatic transmission available with the MX-13 engine that is CARB-compliant and the pairing is designed to optimize performance and reduce NOx emissions.

"Integrating the Allison 4000 Series into vehicles equipped with the CARB-compliant PACCAR MX-13 engine will support efficiency and fuel economy, while still delivering on our promise of reliability and productivity," said Rohan Barua, Vice President, North America Sales, Global Channel and Aftermarket, Allison Transmission. "Our proven history of exceeding customer expectations across a wide range of vehicle applications positions us to support the changing dynamics of future powertrains and *Improve the Way the World Works.*"

The Allison 4000 Series transmission is widely used across multiple commercial vehicle applications, including construction, energy, mining, defense and vocational trucking. It is available in various configurations, offering six or seven forward gears depending on the model.

The 4000 Series transmission is designed to provide an ideal balance of performance and fuel efficiency, leveraging Allison's torque converter to multiply engine torque significantly improving startability, drivability and overall productivity.

Additionally, Allison's FuelSense® 2.0 technology is available on the Peterbilt Model 567 and standard on Kenworth T880 truck models. It is an advanced fuel-efficiency technology suite designed to optimize performance in automatic transmissions for commercial vehicles. It dynamically adjusts shift points and torque based on load and driving conditions, providing quantifiable fuel savings of up to 6%. Allison. Key features, such as DynActive® Shifting, Neutral at Stop, and Acceleration Rate Management, work together to minimize energy losses and enhance overall vehicle efficiency.

About Allison Transmission

Allison Transmission (NYSE: ALSN) is a leading designer and manufacturer of propulsion solutions for commercial and defense vehicles and the largest global manufacturer of medium- and heavy-duty fully automatic transmissions that Improve the Way the World Works. Allison products are used in a wide variety of applications, including on-highway vehicles (distribution, refuse, construction, fire and emergency), buses (school, transit and coach), motorhomes, off-highway vehicles and equipment (energy, mining, construction and agriculture) and defense vehicles (tactical wheeled and tracked). Founded in 1915, the company is headquartered in Indianapolis, Indiana, USA. With a presence in more than 150 countries, Allison has regional headquarters in the Netherlands, China and Brazil, manufacturing facilities in the USA, Hungary and India, as well as global engineering resources, including electrification engineering centers in Indianapolis, Indiana, Auburn Hills, Michigan and London in the United Kingdom. Allison also has approximately 1,600 independent distributor and dealer locations worldwide. For more information, visit [allisontransmission.com](https://www.allisontransmission.com).



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