

Freightliner Expands Detroit Assurance Safety Features

PORTLAND, Ore. (April 23, 2026) — Freightliner and Detroit, brands of Daimler Truck North America, today announced new advanced safety capabilities for the Detroit Assurance Suite of Safety Systems. Standard for the Freightliner Cascadia, Detroit Assurance with Active Break Assist 6 (ABA6) builds on its safety leadership with the introduction of Cross Traffic Assist and Active Side Guard Assist 2 with left turn protection for Cascadias built beginning in 2027.

For decades, Freightliner has demonstrated its continuing commitment to safety by incorporating customer and driver feedback and engineering for their needs. From its earliest braking and stability technologies to today's integrated, vehicle-level safety systems, Freightliner has consistently expanded safety capability as traffic environments grow more congested and interactions between vehicles, pedestrians, and infrastructure become increasingly complex.

"Safety at Freightliner has consistently been shaped by customer needs, and by embracing a holistic, long-term perspective," said Joanna Buttler, general manager, product strategy and market development, Daimler Truck North America. "Each enhancement to the Detroit Assurance Suite of Safety Systems reflects careful decisions about where added capability can make a meaningful difference for fleets and drivers. The latest ABA 6 features extend that approach, strengthening active safety while aligning with how commercial vehicle operation is expected to evolve over time."

Intersections and turning maneuvers consistently rank among the most complex and high-risk situations for commercial vehicles, making them an important focus area for the latest ABA 6 feature enhancements.

New Cross Traffic Assist

Cross Traffic Assist is designed to help detect vehicles crossing the truck's forward path at intersections—an operating environment where visibility and reaction time can be limited. Using radar inputs to monitor cross traffic movement, the system can provide visual and audible warnings when a potential collision risk is identified and, when conditions warrant and within defined system limits, support the response with partial or full braking to help mitigate or reduce the severity of a collision.

New Active Side Guard Assist 2 with Left Turn Protection

Active Side Guard Assist 2 with left turn protection expands Freightliner's sideguard functionality beyond right-hand braking on pedestrians and cyclists to address the added complexity of left turns, particularly in environments where traffic patterns and closing speeds can change quickly. When the left turn signal is engaged, the system is designed to monitor the vehicle's intended path for oncoming traffic that could intersect. If a potential hazard is detected, the system can issue visual and audible alerts and, in some cases, apply partial or full braking before the vehicle enters the collision zone.

The Advanced Detroit Assurance Suite of Safety Systems with ABA6

Detroit Assurance with ABA 6 – available now and standard on all Freightliner Fifth Generation Cascadias – brings a coordinated, vehicle-level approach to active safety. It's built on a sensing and software foundation that includes four short-range radar units, one long-range radar unit, and a multi-purpose

camera fused together and integrated for advanced decision-making capability. The system provides 270-degree monitoring around the truck and up to a standard 53-foot trailer.

ABA 6 is designed to address an expanded set of collision scenarios, including visible vehicles in curves, vehicles in adjacent lanes, stationary offset vehicles commonly present following roadway incidents, and moving or stationary pedestrians and bicyclists.

In addition to the newly introduced ABA 6 capabilities planned for 2027, The Detroit Assurance suite includes advanced driver assistance technologies that are available today, including Active Lane Assist 2 (ALA2).

Active Lane Assist 2 (ALA2) can be spec'd to benefit drivers and fleets by helping to keep a truck centered in its lane and correct lane swerving when it occurs. Enabled by an electric motor integrated at the steering column, the system supports smoother vehicle control and greater comfort for drivers by reducing vibrations, as well as offering steering assistance in cross winds, after blow-outs, and during low-speed maneuvering. Also included in ALA 2 is Attentive Driver Protection, which helps protect the driver and surrounding traffic in the unlikely event the driver becomes unresponsive, actively bringing the truck to a stop while keeping it centered in its lane and turning on the hazard lights.

All Detroit Assurance responses are dependent on attentive, professionally trained drivers and are influenced by operating conditions, sensor performance, and vehicle configuration. Detroit Assurance safety systems, including ABA 6 and related features, are designed to help mitigate certain collision scenarios through driver alerts and targeted system responses, not to replace driver judgment or responsibility.

Orders for Detroit Assurance with Active Brake Assist 6, including Cross Traffic Assist and Active Side Guard Assist 2, are expected to open in the third quarter of 2026, with production beginning in January 2027. Additional information about Detroit Assurance safety technologies is available at demanddetroit.com/assurance/new-features.

About Detroit

Detroit Diesel Corporation, a subsidiary of Daimler Truck North America, is a single-source trucking business solution that offers mid-range and heavy-duty diesel engines, transmissions, axles, safety systems and connected vehicle services for on-highway and vocational commercial markets. Detroit products are sold and serviced through a network of hundreds of locations located in North America.

About Freightliner

Freightliner Trucks is a brand of Daimler Truck North America LLC, headquartered in Portland, Oregon. With 80 years of experience, Freightliner produces and markets medium-duty and heavy-duty trucks as the leading heavy-duty truck brand in North America. DTNA is a subsidiary of Daimler Truck AG, one of the world's leading commercial vehicle manufacturers.