

THE FIFTH GENERATION **CASCADIA®**



LEADING THE WAY IN SAFETY, PROFITABILITY, AND EFFICIENCY

Since 2007, more than one million Cascadias have been sold, making it the most driven Class 8 truck on North American roads. The Cascadia builds on its legacy while setting new standards for safety, profitability, and efficiency.

The Fifth Generation Cascadia is designed to offer advanced safety systems, business intelligence tools, and improved aerodynamics. By listening to our customers and understanding what drivers and fleet managers need, we've crafted a truck that meets the demands of today and prepares fleets for tomorrow.



ADVANCED SAFETY SYSTEMS

- **ACTIVE BRAKE ASSIST 6:** Uses fused radar and camera technology to provide automatic emergency braking. The Detroit Assurance® Suite of Safety Systems with Active Brake Assist 6 helps mitigate or lessen the severity of accidents in more scenarios, including for visible vehicles stopped in curves, those in adjacent lanes, as well as for stationary or moving pedestrians in the roadway.
- **CROSS TRAFFIC ASSIST:** Identifies and tracks crossing vehicles, delivering added support at intersections. Provides either partial or full braking, depending on the likelihood of impact when a vehicle is crossing the truck's path from either the passenger or driver's side.
- **SIDE GUARD ALERT 2:** Alerts drivers to vehicles, pedestrians, and bicyclists on both the driver and passenger sides of the truck, from the front of the cab to the end of a standard trailer.
- **ACTIVE LANE ASSIST 2:** A suite of lane-keeping features that helps the Freightliner Cascadia remain centered in its lane, prevents lane changes into occupied lanes, and mitigates lane drift, while enhancing driver comfort through reduced vibrations and steering assistance in crosswinds, after blowouts, and during low-speed maneuvers.
- **ACTIVE SIDE GUARD ASSIST 2:** Provides active braking on both left- and right-hand turns for added confidence. When turning left, the system intervenes if a collision with oncoming traffic is anticipated. During right turns, it monitors the passenger-side blind spot, and if the system detects a pedestrian or cyclist in the truck's path during a turn, automatic braking will be applied.
- **INTELLIGENT BRAKING CONTROL SYSTEM:** Combines brake-by-wire technology and pneumatics for improved braking while also offering increased brake pad life.

BUSINESS INTELLIGENCE & CONNECTIVITY

- **REMOTE LOCK / UNLOCK:** Allows fleet managers to lock or unlock vehicles remotely, reducing roadside assistance costs.
- **GEOFENCE:** Provides notifications when trucks enter or leave custom-defined areas.
- **DIGITAL DASH WITH GATEWAY TO PLATFORM SCIENCE VIRTUAL VEHICLE™:** Enables drivers to easily access navigation, apps, and vehicle controls, improving connectivity and focus. Features include larger 12" B Panel display, wireless Apple CarPlay® and Android Auto™.

ENHANCED AERODYNAMICS & EFFICIENCY

- **FUEL EFFICIENCY:** Aerodynamic improvements include a redesigned hood, A-pillar deflector, and optimized airflow systems such as bumper air ducts and hood-to-bumper seals.
- **ENGINE OPTIONS*:** Available with Detroit Gen 6 DD13® & DD15® or Cummins X15 and X15N natural gas engines for up to 500 HP and 1,900 lb-ft of torque.

*Available 2027

Detroit Assurance safety systems, including ABA6 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.

FREIGHTLINER CASCADIA

STANDARD FEATURES

DETROIT ASSURANCE WITH ACTIVE BRAKE ASSIST & SUITE OF SAFETY SYSTEMS

- Active Brake Assist 6
 - Full automatic emergency braking for moving and stationary vehicles, offset vehicles and vehicles at an angle, visible vehicles in curves or in multiple lanes, and for moving and stationary pedestrians and bicyclists.
- Cross Traffic Assist
- Active Side Guard Assist 2
- Adaptive Cruise Control to 0 MPH
- Side Guard Alert 2
- Front Guard Alert
- Lane Departure Warning
- Traffic Sign Display
- Tailgate Warning
- Forward facing camera
- Automatic wipers/headlamps
- Intelligent High Beam

DRIVETRAIN & RELATED COMPONENTS

- Detroit Gen 6 DD13 engine (116" BBC Cascadia)*
- Detroit Gen 6 DD15 engine (126" BBC Cascadia)*
- Detroit DT12 On-Highway Series Automated Manual Transmissions
- 2027-compliant aftertreatment technology
- Detroit 12k steer axle
- Detroit 23K single rear and 40K tandem rear axles with Axle Lube Management 2.0
- Intelligent Powertrain Management with Speed and Curve Assist
- Meritor air disc brakes with Positive Pad Retraction
- TRW Single THP-60 Power Steering Gear
- Up to 50-degree wheel cut

OPTIONAL FEATURES

DRIVETRAIN & RELATED COMPONENTS

- Cummins X15 and X15N engines*
- Front axles from Detroit, Meritor, and Hendrickson up to 14.7k
- Rear axles from Detroit and Meritor up to 46K
- Freightliner and Hendrickson suspensions
- Wabco and Bendix™ air disc brakes for steer and drive axles
- Wide-base single wheel and tire options

DETROIT ASSURANCE WITH ABA6 SUITE OF SAFETY SYSTEMS

- Active Lane Assist 2
- Traffic Sign Display with Warnings Only
- Active Speed Intervention

SAFETY

- MirrorCam System
- Safety Panic Button in the Sleeper
- LifeGuard RollTek® driver and passenger rollover restraint and seat mounted airbag system
- Driver's Supplemental Restraint System steering wheel airbag

*Available 2027

Freightliner provides a wide range of products compliant with EPA, CARB emissions, GHG, and OBD requirements. Please consult your local dealer to ensure the selection of a product that meets your specific needs.

CAB CONFIGURATIONS



DAY CAB – 116", 126" BBC



SLEEPER CAB MID-ROOF XT – 116", 126" BBC 48", 60", 72"



SLEEPER CAB RAISED ROOF – 116", 126" BBC 60", 72"



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