The Detroit Assurance® suite of safety systems uses radar and camera technologies to detect vehicles in the lane ahead. ACC decelerates the truck to its speed to maintain a safe, continuous following distance from other vehicles, the system warns the driver and can engage in full or partial braking to mitigate potential collisions that might otherwise be unavoidable.

### Adaptive Cruise Control
- Automatically adjusts cruising speed to maintain a safe, continuous following distance from other vehicles.
- Can engage in full or partial braking to mitigate potential collisions.

### Lane Departure Warning
- Tracks the truck's position and sounds a warning when an unintentional lane change is initiated.
- Helps prevent potential collisions by alerting the driver.

### Adaptive Brake Assist
- Enhances braking performance by applying the brakes in a way that is more efficient than manual braking.
- Can make a significant difference in stopping distances in emergency braking scenarios.

### Side Guard Assist
- Detects objects in the side blind spots and warns the driver.
- Supports safer overtaking and lane changes by alerting the driver to potential hazards.

### Detroit™ Connect Virtual Technician
- A remote diagnostic service that helps keep your truck in service by monitoring fault events and how best to fix them.
- Provides real-time monitoring to help prevent unscheduled downtime.

### Detroit™ DD8™ Engine
- Delivers best-in-class power and performance.
- Designed for severe-duty trucks in North America to offer Detroit Assurance® suite of safety systems.

### Detroit™ Connect
- Connects the truck to your business with real-time monitoring of fault events and system performance.
- Helps with predictive maintenance and vehicle readiness.

### Detroit™ Connect Analytics
- Provides insights into vehicle performance and helps with proactive maintenance planning.
- Supports efficient and effective fleet management.

### Detroit™ Connect Linehaul
- A telematics solution that helps manage your fleet's operations.
- Supports efficient route planning and productivity.

### Detroit™ Connect Hub
- A single platform for managing your Detroit™ Connect services.
- Simplifies fleet management and enhances operational efficiency.

### Detroit™ Connect Fuel
- Monitors fuel usage and helps with efficient fuel management.
- Support real-time monitoring to help reduce fuel costs.

### Detroit™ Connect Diagnostics
- Provides real-time monitoring of vehicle performance.
- Helps with timely and efficient vehicle maintenance.

### Detroit™ Connect Business
- A comprehensive platform for managing your fleet's operations.
- Supports efficient route planning and productivity.

### Detroit™ Connect Storage
- A telematics solution for managing storage yard operations.
- Supports efficient yard management and enhances productivity.

### Detroit™ Connect Field Service
- A remote diagnostic service that helps keep your truck in service by monitoring fault events and how best to fix them.
- Provides real-time monitoring to help prevent unscheduled downtime.

### Detroit™ Connect Asset
- A telematics solution for managing fleet assets.
- Supports efficient asset tracking and enhances productivity.

### Detroit™ Connect Onsite
- A telematics solution for managing on-site operations.
- Supports efficient management of on-site assets and enhances productivity.

### Detroit™ Connect Cloud
- A cloud-based platform for managing your Detroit™ Connect services.
- Supports efficient and effective fleet management.

### Detroit™ Connect Mobile
- A mobile application for managing your Detroit™ Connect services.
- Supports efficient and effective fleet management on the go.

### Detroit™ Connect Mobile Enterprise
- A mobile application for managing fleet assets.
- Supports efficient asset tracking and enhances productivity.

### Detroit™ Connect Mobile Onsite
- A mobile application for managing on-site operations.
- Supports efficient management of on-site assets and enhances productivity.

### Detroit™ Connect Mobile Cloud
- A mobile application for managing your Detroit™ Connect services.
- Supports efficient and effective fleet management on the go.

### Detroit™ Connect Mobile Business
- A mobile application for managing fleet assets.
- Supports efficient asset tracking and enhances productivity.

### Detroit™ Connect Mobile Field Service
- A mobile application for managing remote diagnostic services.
- Supports efficient and effective remote diagnostics.

The EconicSD™ offers the most advanced safety and connectivity tools on the market. The EconicSD comes standard with:

- Adaptive Cruise Control (ACC)
- Lane Departure Warning
- Side Guard Assist
- Detroit™ Connect Virtual Technician
- Detroit™ Connect Linehaul
- Detroit™ Connect Hub
- Detroit™ Connect Fuel
- Detroit™ Connect Diagnostics
- Detroit™ Connect Business
- Detroit™ Connect Storage
- Detroit™ Connect Onsite
- Detroit™ Connect Cloud
- Detroit™ Connect Mobile
- Detroit™ Connect Mobile Enterprise
- Detroit™ Connect Mobile Onsite
- Detroit™ Connect Mobile Cloud
- Detroit™ Connect Mobile Business
- Detroit™ Connect Mobile Field Service

For the Freightliner Trucks dealer nearest you, call 1-800-FTL-HELP.
FUEL & AFTERTREATMENT
• Vertical and horizontal aftertreatment system mountings
• 6.6-gallon DEF tanks
• 50-gallon (standard) or 80-gallon (optional) aluminum fuel tank

TECHNOLOGY
• Detroit™ Connect Virtual Technician SM remote diagnostic service
• Detroit Assurance® suite of safety systems

TRANSMISSION
• Allison automatic with PTO and optional transmission retarder

AXLES (UP TO)
• Steer 18,000-lb. / 20,000-lb. (low roof cab only)
• Drive 46,000-lb. tandem hub reduction

FRAME RAILS
• Standard single-channel frame rails
• 11/32” (9mm) reinforced frame rails
• 2 million RBM frame rails
• Pre-drilled frame rails for easy body and accessory upfit
• Weight optimized hardware

ENGINE
• Detroit™ DD8™ 350HP/1050 lb-ft torque
– Variable cam phasing technology leads to fewer regens and improved uptime
– Best-in-class fuel efficiency
– Best-in-class maintenance intervals

• High roof and low roof cab configurations available
• 6x4 axle configuration available
• Set-back axle with up to 46-degree wheel cut enabling superior performance in tight spaces
• Short wheelbase to enable enhanced maneuverability

ENTRY/EGRESS
• Innovative low-entry cab design ensuring ease of entry and egress
• Increased visibility for drivers and passengers
• Optional mirrors for greater visibility
• Optional front axle and cab bumpers

WALK-THROUGH CAB
• Spacious and modern cab designed with driver comfort in mind
• Heated seats
• Optional kneeling function on front axles to further reduce the step-in height by several inches

VISIBILITY
• Intuitive digital instrument cluster that displays key information on LCD screen
• Ergonomic steering wheel controls allowing drivers to cycle through key information
• 88-degree door opening for ease of entry and egress