

LT[®] SERIES



COMPARISON GUIDE





Introduction

To confirm the many advantages of the LT® Series, we put it to a series of demanding tests. These tests were conducted by independent industry experts to assure the highest level of objectivity and attention to detail. Measurements were taken from standard production vehicles and performed in precisely the same manner, by the same personnel, across all models. Vehicle specifications were matched as closely as possible to help ensure competitive consistency. How does the LT measure up in the real world? You'll find the results over the following pages.

REAL WORLD CONFIRMATION

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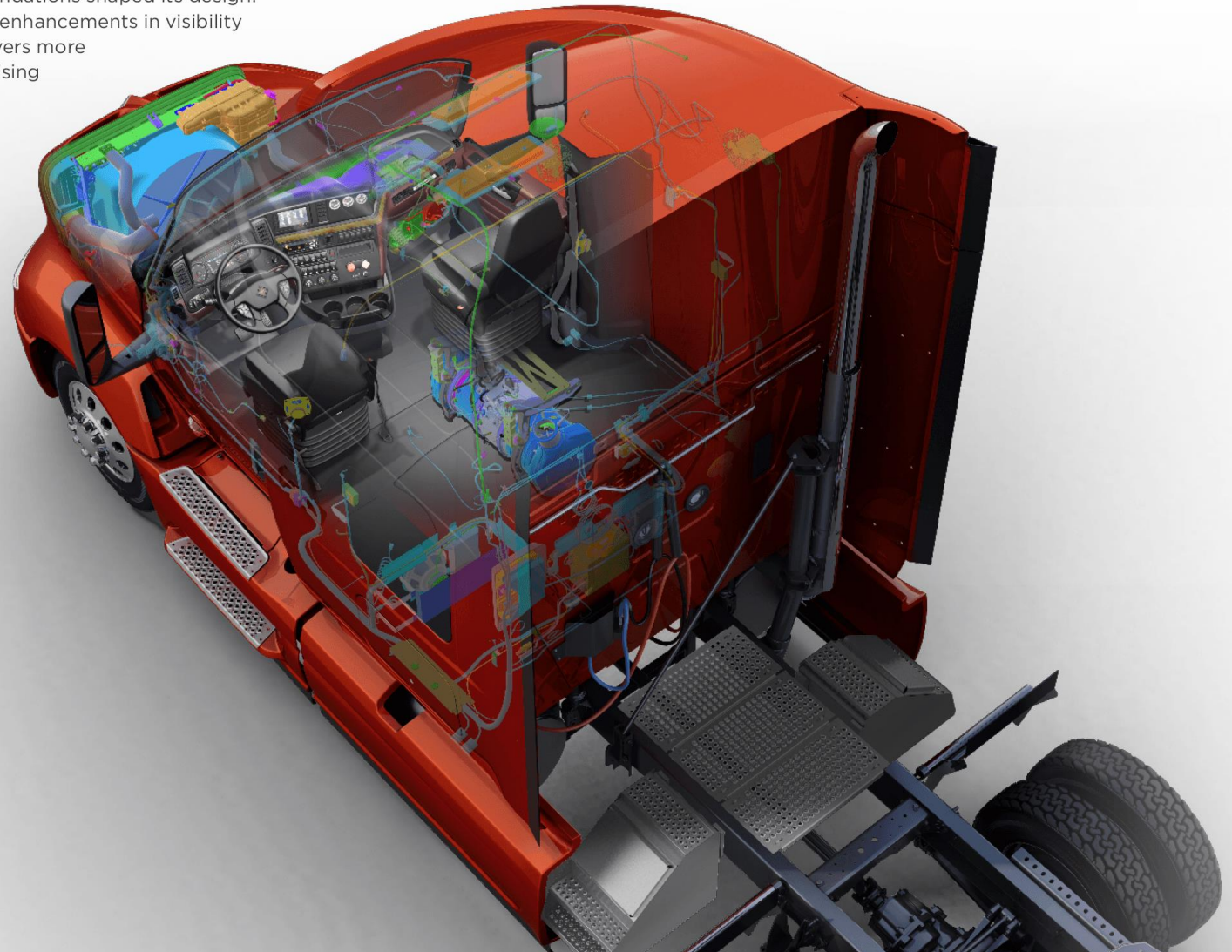
INTRODUCTION |



THE INTERNATIONAL® LT® SERIES DELIVERS EVERYTHING YOU ASKED FOR IN A DRIVER'S TRUCK. AND THEN WE TOOK IT FURTHER.

The LT Series from International Truck is widely considered the most driver-centric, fuel-efficient, uptime-focused truck we've ever delivered. Hundreds of driver recommendations shaped its design. From its ergonomically advanced interior and instrument panel to major enhancements in visibility and aerodynamics, the LT Series is designed and engineered to keep drivers more comfortable and productive for the long haul. It's part of an uncompromising commitment to put our customers' business needs at the heart of every decision we make – a philosophy we call DriverFirst™.

- ▶ **Available LED headlamps and fog lamps** deliver brighter light pattern and intensity. Tough new polycarbonate lenses protect against breakage.
- ▶ **Driver controls and instrumentation** are based on robust industry-standard SAE J1939 electrical architecture, with an instrument cluster, switches, and controls designed to keep drivers focused and maximize uptime.
- ▶ **Steering wheel control labels** are laser-etched instead of painted for maximum readability and durability.
- ▶ **Key interior fasteners** are exposed for more intuitive access and easier servicing.
- ▶ The powerful, **all-new HVAC system** employs advanced automotive heating and cooling technology to deliver optimal comfort and reliability. The system endured rigorous testing in extreme temperatures to deliver best-in-class visibility and comfort.
- ▶ **Max defrost** feature in the HVAC system helps clear windows faster in colder climates, providing quicker, clearer visibility for increased uptime and less waiting.
- ▶ **Cab wiring** includes harnessing and an in-cab power distribution module that's inside the cab and away from the elements.
- ▶ **The single canister after-treatment system** is up to 60% smaller and 40% lighter than the system it replaces, with better heat management to help improve fuel economy and greater ash retention to stretch out time between service intervals. The system is also simplified for quicker servicing.





INTRODUCTION | Specifications

Introduction

DAY CAB	56" LOW ROOF SLEEPER	56" HI-RISE SLEEPER	73" SKY-RISE SLEEPER	73" HI-RISE SLEEPER
<ul style="list-style-type: none">▪ 125" BBC▪ Local, Regional, Bulk and Specialized Applications	<ul style="list-style-type: none">▪ 125" BBC▪ Regional, Long Haul, Bulk, Flatbed and Specialized Applications	<ul style="list-style-type: none">▪ 125" BBC▪ Regional, Long Haul and Owner Operator	<ul style="list-style-type: none">▪ 125" BBC▪ Long Haul, Owner Operator	<ul style="list-style-type: none">▪ 125" BBC▪ Long Haul, Flatbed, Owner Operator and Specialized Applications



BBC/BA

- ▶ 125" BBC / 50" BA

Cab Configurations

- ▶ Day cab
- ▶ 56" Low Roof Sleeper
- ▶ 56" Hi-Rise Sleeper
- ▶ 73" Hi-Rise Sleeper
- ▶ 73" Sky-Rise Sleeper

Axle Configurations

- ▶ 4x2
- ▶ 6x2
- ▶ 6x4

Frames

- ▶ Heat Treated Alloy Steel 120,000 PSI

Engines

- ▶ International® A26 12.4L
 - 400 - 475 HP
 - 1,450 - 1,750 lb.-ft.
- ▶ Cummins® X15 15L
 - 400 - 565 HP
 - 1,450 - 2,050 lb.-ft.

Transmissions

- ▶ Automated Manual Transmissions
 - Eaton Endurant: 11, 12 speed
 - Eaton® Fuller® UltraShift® PLUS: 13, 18 speed
 - Eaton Fuller UltraShift PLUS LSE: 16 speed
 - Eaton Fuller Advantage: 10 speed
- ▶ Manual Transmissions
 - Eaton Fuller Advantage: 10 speed
 - Eaton Fuller: 10 speed
 - Fuller: 9, 10, 13, 15, 18 speed
- ▶ Automatic Transmissions
 - Allison TC-10: 10 speed

Front Axles

- ▶ Hendrickson: 12,000 - 14,000 lbs.
- ▶ Dana Spicer: 12,000 - 14,000 lbs.
- ▶ Meritor: 12,000 - 14,000 lbs.

Front Suspension

- ▶ Spring Monoleaf: 12,000 - 13,200 lbs.
- ▶ Parabolic Taperleaf: 12,000 - 14,000 lbs.

Single Rear Axles 4x2

- ▶ Meritor: 23,000 lbs.
- ▶ Dana Spicer: 23,000 lbs.

Tandem Rear Axles 6x2

- ▶ Meritor FUELite: 40,000 lbs.

Tandem Rear Axles 6x4

- ▶ Meritor: 40,000 - 46,000 lbs.
- ▶ Dana Spicer: 40,000 - 46,000 lbs.

Rear Suspensions

- ▶ SINGLE SPRING
 - Multi-leaf Spring: 23,500 lbs.
- ▶ SINGLE AIR
 - International (IROS): 20,000 lbs.
- ▶ TANDEM-AIR
 - International (IROS): 40,000 lbs.

Brakes

- ▶ Air Drum Brakes with ABS with Optional Automatic Traction Control and Electronic Stability Control
- ▶ Air Disc Brakes with Automatic Traction Control and Electronic Stability Control

Interiors

- ▶ Two Trim Levels:
 - Classic or Diamond
- ▶ Optional Black Cherry Accent Package available with Diamond Level Trim



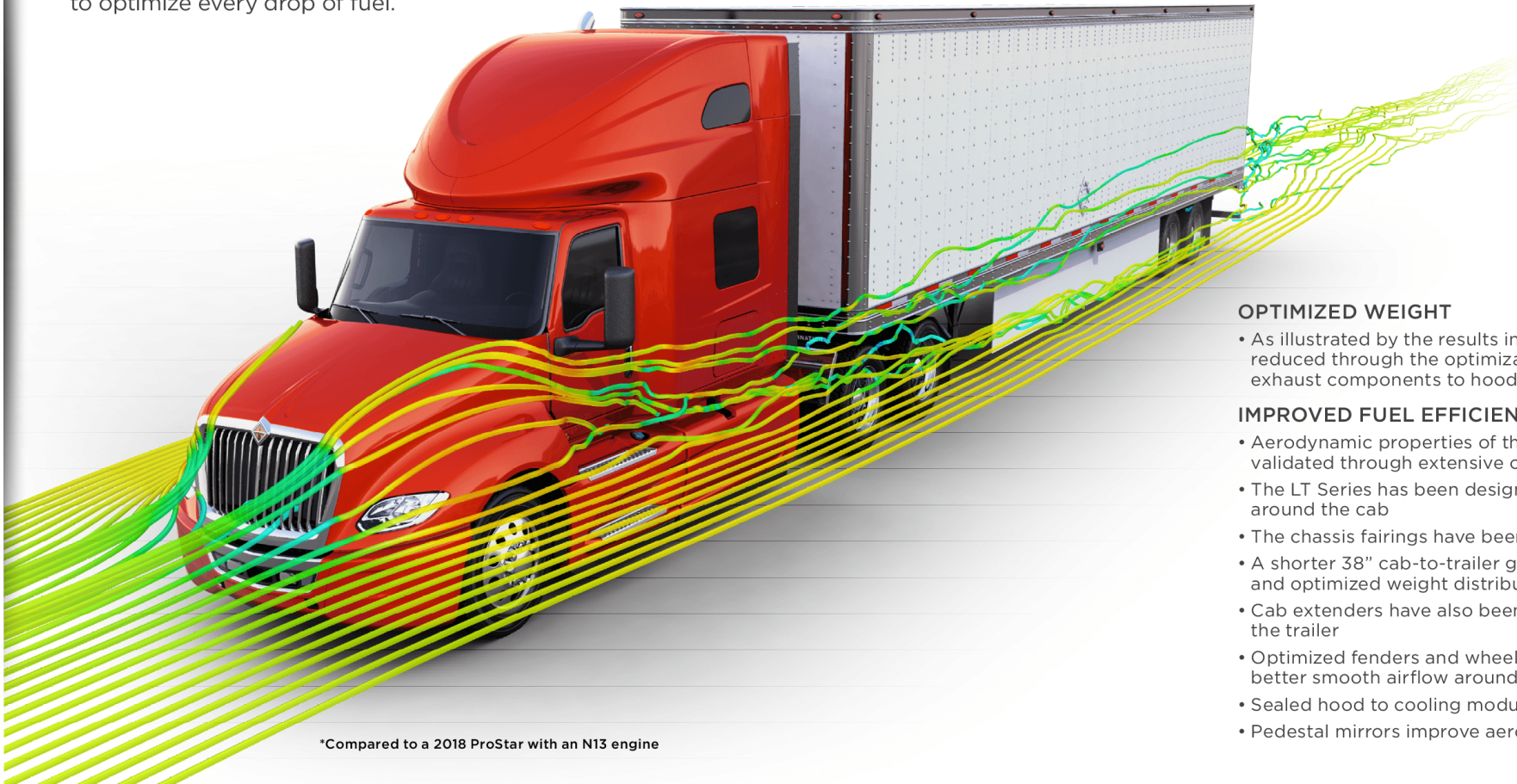
INTRODUCTION | A Competitive Set

Series	LT® Series	Freightliner New Cascadia®	Volvo VNL 860	Peterbilt 579
Model	LT625	Freightliner New Cascadia®	Volvo VNL 860	Peterbilt 579
Cab	73" Sky-Rise	72" Raised Roof	77" Tall Roof	72" High Roof
BBC	125"	126"	124"	123"
BA	50"	51.5"	53.8"	50.2"
Engine	International® A26 450 HP / Cummins® X15 400 HP	Detroit DD15 400 HP	Volvo D13 505 HP	Cummins ISX15 450 HP
Transmission	Eaton Fuller FAOM-15810S 10-speed	Detroit DT 12-1750-DH1 12-speed	Volvo I-Shift ATO2612F 12-speed	Eaton Fuller FAOM15810S 10-speed
Frame	10.125" x 3.44" x .281"	10.98" x 3.46" x .28"	11.81" x 3.54" x .28"	10.625" x 3.45" x .3125"
Front Axle	Dana Spicer E-1202 12.35K	Detroit DA-F-12.5 12.5K	Hendrickson STEERTEK 13.2K	Meritor MFS13 13K
Rear Axle	Dana Spicer D40-155 40K	Detroit DA-RT-40 40K	Meritor MT40-14X 40K	Dana Spicer DSP40 40K
Rear Suspension	International® IROS Air 40K	Freightliner AirLiner Air 40K	Volvo Air 38K	Peterbilt Low Air Leaf 40K
Fuel Capacity	A26: 200 Gallons X15: 200 Gallons	200 Gallons	300 Gallons	245 Gallons
DEF Capacity	A26: 15.9 Gallons X15: 15.9 Gallons	23 Gallons	18.5 Gallons	20.7 Gallons
Tire Manufacturer	Continental	Bridgestone	Bridgestone	Goodyear
Front Tires	295/75R22.5	295/75R22.5	295/75R22.5	295/75R22.5
Front Tire Tread	EcoPlus HS3	R283A	R283A	G399A
Rear Tires	295/75R22.5	295/75R22.5	295/75R22.5	295/75R22.5
Rear Tire Tread	EcoPlus HS3	M760	M710	G572A
Base Warranty	1 Year, 100,000 Miles	1 Year, 100,000 Miles	1 Year, 100,000 Miles	1 Year, 100,000 Miles



THE LT[®] SERIES DELIVERS UP TO A 9% IMPROVEMENT IN FUEL EFFICIENCY.*

With the LT Series, we wouldn't stop until we delivered the most fuel-efficient on-highway truck we've ever built. We spent hundreds of hours in the design studio and through an industry-best testing and development process, finessing every inch of the exterior to improve aerodynamic flow and optimize fuel efficiency. We trimmed weight without compromising quality. We also added a choice of advanced, fuel-efficient powertrains, state-of-the-art electronic controls systems and more technological advances designed to optimize every drop of fuel.



OPTIMIZED WEIGHT

- As illustrated by the results in the table on the next page, weight has been reduced through the optimization of many components; from suspensions and exhaust components to hood and fuel tanks

IMPROVED FUEL EFFICIENCY

- Aerodynamic properties of the LT Series have been wind tunnel refined and validated through extensive on-road testing
- The LT Series has been designed with a 125" BBC to help better direct airflow around the cab
- The chassis fairings have been wind tunnel-tested and optimized
- A shorter 38" cab-to-trailer gap is now possible for improved aerodynamics and optimized weight distribution
- Cab extenders have also been lengthened to improve aerodynamic airflow to the trailer
- Optimized fenders and wheel openings have been aerodynamically sculpted to better smooth airflow around vehicle
- Sealed hood to cooling module for improved efficiency
- Pedestal mirrors improve aerodynamics and reduce wind noise

*Compared to a 2018 ProStar with an N13 engine



CAB DESIGN | Efficiency | Key Numbers



CAB DESIGN efficiency



Series	LT® Series	Freightliner New Cascadia®	Volvo VNL 860	Peterbilt 579
Available BBCs	125"	116"**, 126"	124"	117"**, 123"
Windshield Slope	63°	63°	70°	64°
Unloaded Bumper Ground Clearance	7.25"	3.5"	9"	10.5"
Air Dam	Air Dam with Sealing for Aero Bumper	Bumper Available with Enhanced Aero Device	Air Flow Deflector or Drag Reduction Plate	Air Dam Included with Bumper, Optional delete
Chassis Skirts	Cab Length (BOC/BOS), Wheel-to-Wheel	Cab Length (BOC/BOS), Wheel-to-Wheel	Cab Length (BOC/BOS), Wheel-to-Wheel	Cab Length (BOC/BOS), Wheel-to-Wheel
Sleeper Side Extenders	Available 14" or 18"	Available 12", 20" or 24"	Available 17"	Available 18" with 3", 6.5" or 8" Rubber Flares
Aerodynamic Packages	MPG Package: Roof Fairing, Cab Extenders, Chassis Skirts, Bumper, Hood and Door Seals, Rear Wheel Covers, and Optional Bumper Valance MPG with RTRAK: Adds Rear Tractor Aero Kit and Predictive Cruise Control (PCC) to MPG Package	Aero Package: Raised Roof Spoiler, 20" Side Ext. with Gap Filler, Side Fairings, Chassis Fairing Skirt, Qtr Fenders, Wheel Covers Aero-X Packages Adds: 24" Side Ext., Enhanced Aero Bumper, Aero Drive Wheel Fairings	Chassis Fairing Ground Effects, Exhaust Fluid Cover, Bumper Air Flow Deflector, Aero Cab Skirt, Integral Mirror Arm Shroud	"EPIQ" – Chassis Fairings and Kick-out, Roof Fairing w/Ext, Air Dam, Hood Seals, Wheel Close-outs, Rubber Skirts for Chassis Fairings, Aero Close-outs under cab
Powertrain Packages	Not Available	Fuel Economy Powertrain Package: Select Engine, Transmission, Axles, Lubrication and Axle Ratio Options	XE Fuel Efficiency Package: Select Engine, Transmission and Axle Ratio with Efficiency Software	EPIQ Vehicle Package: Select Engine, Automated Transmission and Exhaust System, SmarTire TPS, No-Idle Sleeper and LRR Tires
Bumpers – Type	3-Piece Plastic Aero, Stainless Clad	Aero, Molded, Stainless	Aero, Molded, Stainless	Aero, Molded or Steel
Finish	Body Color, Gray, Bright Overlay	Body Color, Gray, Chrome Overlay, Hendrickson Aeroclad	Body Color, Bright Insert, Stainless Clad	Body Color, Gray, Painted or Bright Chrome Finish
Exterior Sun Visor	Optional	Optional	Integral	Optional
Subject Vehicle Weight* (lbs.)	A26	X15		
Front Axle	9,770	10,210	10,830	11,140
Rear Axles	8,520	8,250	8,680	8,070
Total	18,290	18,460	19,510	19,210
Less Fuel Weight (lbs.)	17,913	18,006	18,523	18,649

* Weights reflect vehicles spec'd as shown within "Competitive Set". When spec'd equivalently, an A26-equipped LT Series can be up to 600 lbs. lighter than an X15 equipped LT Series.

** Not Measured

Key Advantages

The LT Series maintains a weight advantage against all measured competitors. It is 500 lbs. lighter than the New Cascadia and 650 lbs lighter than the 579. It also edged out the VNL860 equipped with a light weight 13L D13 engine.



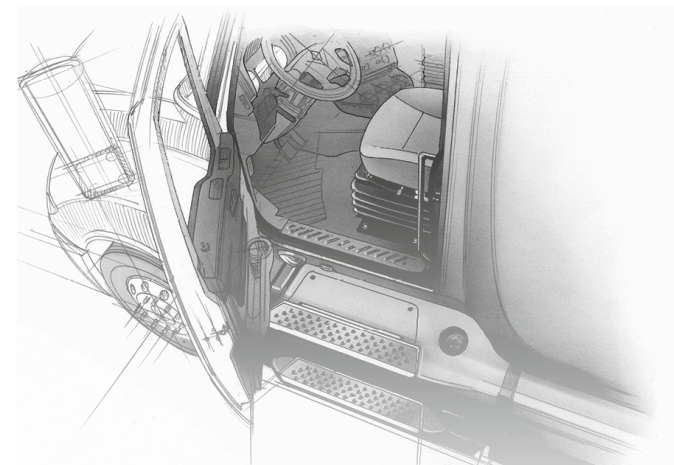
CAB DESIGN | Innovative Cab



Cab Design



The innovative, comfortable and highly efficient LT® Series cab design factored in a meticulous study of over 500 interaction points between driver and truck. Every possible aspect of ergonomics is considered to help the driver stay comfortable and in control – from what he sees to the way he moves and how he can best handle virtually any situation, whether it's climbing into the cab, cruising comfortably or getting a good night's rest.



Smart features designed into the LT Series cab:

- Studies show that one of the largest causes of driver injury occurs from slips and falls while entering and exiting the cab. That's why we improved ingress and egress through wider opening doors, redesigned cab steps and and grab handles that are precisely positioned for proper 3-point access
- The LT Series cab skirt steps are designed with more consistent spacing and a large stair-step offset for predictable footing and improved step visibility from above
- Optimized door panels help increase hip and elbow room. The full-grip interior handle makes doors easier to open and close, while door pockets offer easier access to the driver's log or manifest
- Improved driver pivot access to the sleeper provides more leg room and eliminates points of interference along the lower console



CAB DESIGN | Innovative Cab | key numbers



CAB DESIGN innovative cab


LT® Series

Freightliner New Cascadia®

Volvo VNL 860

Peterbilt 579

Cab Construction	Welded High Strength Steel	Welded and Riveted Aluminum	Welded High Strength Steel	Henrob Riveted Aluminum
Available Configurations	Day Cab Low Roof: 56" Hi-Rise: 56", 73" Sky-Rise: 73"	Day Cab Mid-Roof: 48", 60", 72" High-Roof: 60", 72"	Day Cab Flat-Roof: 42" Mid-Roof: 70" High-Roof: 70", 77"	Day Cab Low-Roof: 44", 58" Mid-Roof: 58" High-Roof: 72", 80" Ultra-Roof: 80"
Cab Suspension	Air	Air	Mechanical (Day Cab), Air (Sleeper)	Solid (Day Cab), Air (Sleeper)
Standard	None	None	Air (Day Cab)	Air (Day Cab)
Optional				
Step Spacing Consistency				
Distance:				
Ground to Step, Step to Step, Step to Cab	16.5", 18.75", 16.25"	15.50", 17", 17.25"	19", 17.75", 13.25"	17", 17", 16.75"
Total Cab Height	51.5"	49.75"	50"	50.75"
Average Spacing Difference (consistency)	1.67"	1.17"	3.83"	.17"
Door Opening Area (sq. in.)*	1,837	1,750	1,899	1,683
Door Hinges	Internal	Internal	Internal	Internal
Widest Door Opening Angle (stop)	64°	65°	79°	73°
Hood Design	3-Piece Composite	3-Piece Composite	3-Piece Composite	3-Piece Composite
Hood Tilt Effort	43.6 lbs.	40.3 lbs.	52.3 lbs.	38.5 lbs.
Hood Blow-down	Strut-Dampened Open/Close	Strut-Dampened Close	Strut-Dampened Open	Mechanical Latch
Mirrors				
Mount Positioning	Rear of Leading Edge of Glass	Rear of Leading Edge of Glass	Forward of Leading Edge of Glass	At Leading Edge of Glass
Mount	Door-Mounted	Door-Mounted	Dual Mount Cab and Door	Door-Mounted
Mount Types	Pedestal	Pedestal	C-Loop	Pedestal
Available Auxiliary Mirrors	Hood, Down-view	Hood, Fender, Down-view	Hood	Hood, Down-view

*Approximated based on height and width at widest point

Key Advantages

The door opening area of the LT Series is greater than the New Cascadia for easier Ingress and Egress for drivers of all sizes. The hood of the LT Series opens wide and features gas strut control and torsion bar lift assist. The torsion bar reduces opening effort and the gas strut dampens hood action to help prevent it from opening or closing too quickly. The hood of the LT Series is dampened during opening and closing, while the New Cascadia's hood is dampened only while closing.



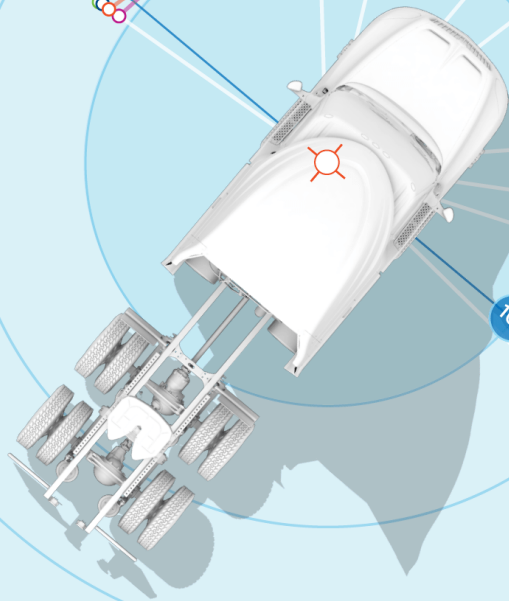
CAB DESIGN | Visibility And Cab Glass

Cab Design

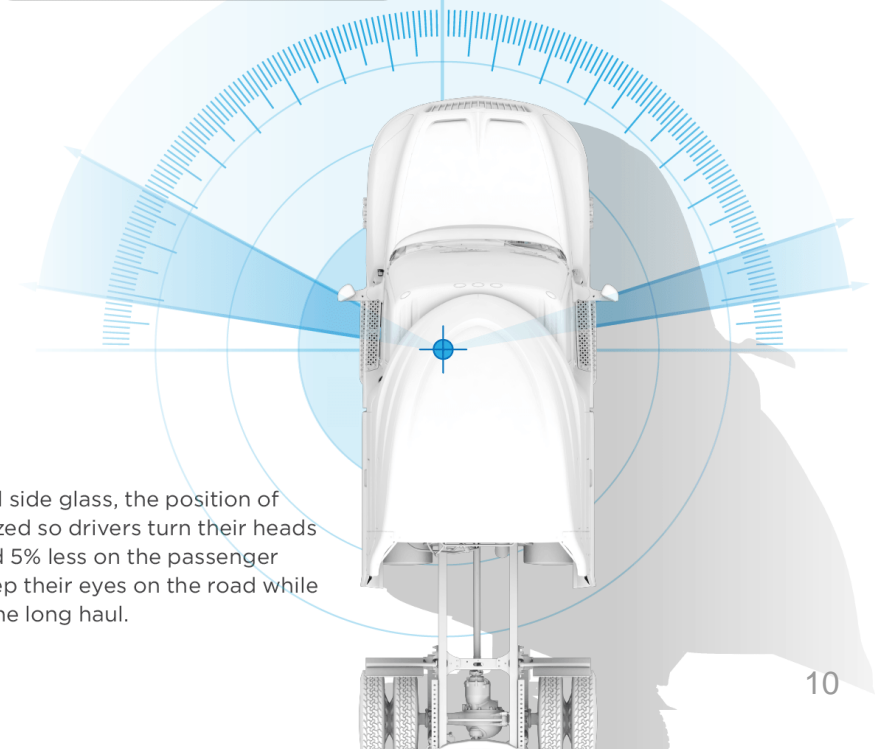
Proper driver visibility is essential to safety and productivity. The LT® Series has been designed with a large swept-back windshield, optimized mirror placement and an aerodynamic sloped hood to provide excellent driver visibility.

- International® LT Series
- Freightliner New Cascadia
- Volvo VNL860
- Peterbilt 579

The points plotted on this chart represent the closest an object at ground level becomes visible to the driver



By reshaping the doors and side glass, the position of the cab mirrors was optimized so drivers turn their heads 15% less on the left side and 5% less on the passenger side, making it easier to keep their eyes on the road while reducing neck strain over the long haul.





CAB DESIGN | Visibility And Cab Glass | key numbers



CAB DESIGN visibility and cab glass



Series	LT® Series	Freightliner New Cascadia®	Volvo VNL 860	Peterbilt 579
Visibility				
Driver's Side Rear	128"	138"	124"	133"
Driver's Side Forward	156"	162"	159"	177"
Forward Straight Ahead	273"	287"	274"	316"
Forward Over Center	295"	304"	284"	336"
Forward at Hood Corner	309"	323"	398"	348"
Passenger Side Forward	291"	329"	308"	301"
Passenger Side Rear	337"	373"	319"	328"
Windshield Design	1-piece	1-piece	1-piece	1-piece
Windshield Rake Angle	63°	63°	69°	64°
Windshield Area (sq. in.)	1,909	1,940	1,930	1,946
Wiper Coverage (sq. in.)	1,193	1,354	1,524	1,343
Wiper Efficiency (%)	62%	70%	79%	69%
Side Glass (sq. in.)	1,144	1,264	1,524	1,232
Total Cab Glass (sq. in.)	3,053	3,204	3,386	3,178

Key Advantages

Visibility from within the LT Series is superior in nearly all areas. It beats the New Cascadia at every point plotted, and beats the 579 at nearly every point. The over-hood visibility is over 4 feet better than the New Cascadia and 5 feet better than the 579 at the corner of the windshield. LT Series passenger-side forward visibility – one of the most critical locations in collision mitigation, also beats all competitors measured.



INTERIOR |



Cab Interior



From the very beginning, priority #1 for the LT® Series was to design a truck that drivers would really want to drive.

To achieve this goal, we turned to the people who know driving best – real truck drivers.

These professionals gave us honest, priceless input over numerous research sessions and driver clinics. Then we set about redesigning, fine-tuning and retesting until drivers agreed, “this is the truck I’ve always wanted to drive.”

That’s how the LT Series became the most driver-centric truck on the road today. With more intuitive controls, enhanced visibility, a quieter cab, critical information at your fingertips and dozens of other smart features that help keep a driver comfortable and in control over the long haul.

International® trucks also utilizes premium soft touch vinyl interior panels throughout the vehicle. Easy-to-clean soft touch vinyl is moisture and odor resistant, and does not trap moisture like woven materials.



CAB INTERIOR | Cab Size and Dimensions | key numbers



CAB INTERIOR cab size and dimensions



Series	LT® Series	Freightliner New Cascadia®	Volvo VNL 860	Peterbilt 579
Width				
A-pillar to A-pillar at Dash	69.25"	73.25"	73.25"	66"
B-pillar to B-pillar at Dash	72"	77.5"	78.25"	70"
Cab Width at Shoulder Level	78"	86.25"	84"	78.5"
Cab Width at Hip Level	72.5"	76.5"	74.25"	70.5"
Centerline of Seat to Door at Hips	14"	14.75"	13.5"	15.5"
Sleeper Width at Lower Bunk	88.5"	87.75"	84.75"	89.5"
Sleeper Width at Upper Bunk	84.5"	86.25"	84"	88.75"
Depth				
A-pillar to Back of Seat at Dash (seat back)	43.75"	44.5"	44.75"	45.25"
Back of Seat to Rear of Sleeper at Dash Level	65.25"	66.25"	71"	66.25"
Fuel Pedal Centerline to Rear of Sleeper	111"	109.5"	115.75"	108"
Height				
Floor to Header at Dash	51.25"	53"	52.5"	54.25"
Floor to Roof at Seat (seat centered)	52.75"	60.25"	60"	67.5"
Floor to Roof at Back of Seat (seat back)	86.5"	89"	88.5"	68"
Maximum Sleeper Height at Bunk Edge	96"	96.75"	97.5"	75.75"
Total Volume (cu. ft.)*	376.0	400.0	394.0	291.3

* Volume is calculated from the above as well as many additional measurements not included in this table

Key Advantages

The cab of the LT Series is wider at the A and B-pillars than the 579 and features nearly 2 feet more headroom in the sleeper. The height difference compared to the 579 is also noticeable at the cab-sleeper threshold, where clearance is reduced when entering the sleeper. All-new door panels help increase hip and elbow room while providing a more comfortable armrest. The new full-grip interior handle makes doors easier to open and close, while new door pockets offer easier access to the driver's log or manifest.



INTERIOR | Driver Environment



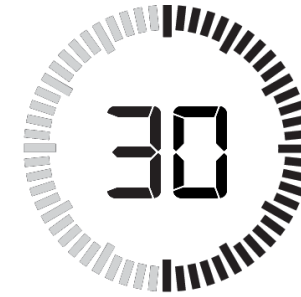
The LT® Series is one of the most driver-centric trucks on the road today. With more intuitive controls, a quieter cab, critical information at your fingertips and dozens of other smart features that help keep a driver comfortable and in control over the long haul.

- The LT Series dash has been completely redesigned with intuitive control positioning, optimized gauge fonts and colors, and improved ergonomics
- The center console has been refined to provide more knee room when moving from driver's seat into sleeper
- A large flat surface area on the passenger dash-top allows items to rest while parked or serve as a convenient flat writing surface

INDUSTRY-LEADING HVAC SYSTEM

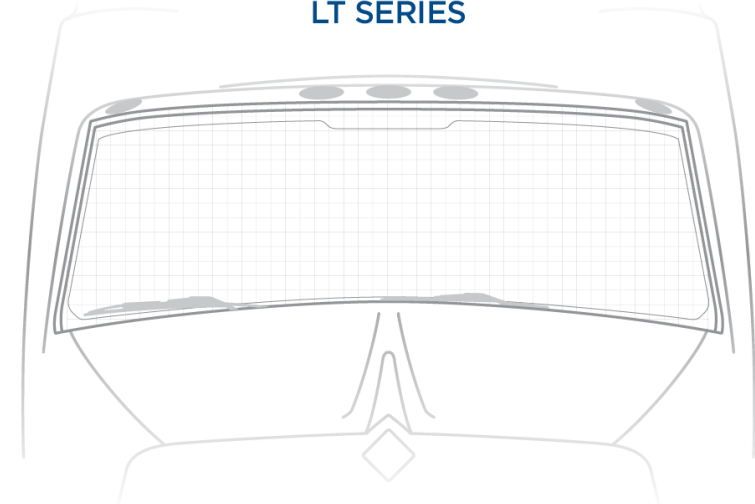
Completely redesigned HVAC system employs advanced automotive heating and cooling technology for outstanding performance and vastly improved reliability:

- Tests have shown new brushless motor lasts 3-times longer than system used in ProStar® trucks
- Incorporates best-in-class MAX Defrost performance for unsurpassed **windshield clearing time - clears 100% of the windshield in less than 30 minutes under most conditions**



30 minutes

LT SERIES





CAB INTERIOR | Driver Environment | key numbers



CAB INTERIOR driver environment



Series

LT® Series

Freightliner New Cascadia®

Volvo VNL 860

Peterbilt 579

Seat Travel
Horizontal
Vertical9"
5.5"8"
6.25"8.75"
5.25"8.25"
7.5"

Belly Room

24"

23.75"

22.5"

18.5"

Leg Room

30.6"

28.3"

29.6"

28.7"

Safety and Telematics
Stability Control

Bendix® ESP Electronic Stability Program

Enhanced Stability Control

Volvo Enhanced Stability Control (VEST)

Bendix® eTrac™, WABCO SmartTrac™ Stability Control System

Collision Mitigation/
Lane DepartureBendix® Wingman® Advanced™, Fusion,
WABCO OnGuardActive™, Bendix
BlindSpotter®Bendix (Iteris), WABCO OnLane, OnGuard, Detroit
Assurance, Bendix Side Object Detection

Volvo Active Driver Assist (VADA)

Bendix® Wingman® Advanced™, Fusion, WABCO
Onlane Basic Lane Departure Warning

Steering Column Tilt Range

38°

22°

52°

17°

A26

X15

Detroit DD15

Volvo D13

Cummins ISX15

Sound Levels (dB)*

Interior

Exterior

Interior

Exterior

Interior

Exterior

Interior

Exterior

Interior

Exterior

Idle

58.6

79.6

56.5

81.8

55

79.1

57

76.4

60.1

87

750 RPM

59

82.8

59

82.8

57

82.9

57.9

81

62.4

88

1500 RPM

62.7*

88.3*

62.1**

87.7**

64.5

90.4

65.9*

88.1*

67.1**

93.8**

Governed

62.7*

88.3*

62.1**

87.7**

69.5

95.4

65.9*

88.1*

67.1**

93.8**

Engine Governed RPM

1800

1800

1400

1400

2000

2000

1500

1500

1400

1400

*Engine limited to 1500 RPM
**Engine limited to 1400 RPM

Key Advantages

The industry-leading LT Series HVAC system provides reliable and fast defrost results to help get you on the road quicker. Testing has shown the windshield is completely frost-free in 30 minutes which beats many competitors. The LT Series also has more belly room and leg room than all competitors, providing more comfort for the driver.



CAB INTERIOR | Cab Equipment



Cab Interior



- Every detail inside the LT® Series cab has been carefully designed, measured and clinic-tested to optimally benefit the driver. The gauge design is the result of numerous tests and refinements to optimize their readability, usability and positioning so key information and alerts are precisely where they need to be to view without distraction

The standard Premium Gauge Cluster features a customizable digital display that lets drivers intuitively select the information they prefer in a variety of situations.

- All console-mounted shifter is conveniently located and includes transmission control with available engine braking control
- The standard premium gauge cluster is customizable with a multitude of virtual gauges including fuel economy, axle loading, gear selection, trip info, TPMS, lane departure, etc...
- Window control buttons now combine up and down functions into single button
- LT Series features a traditional lanyard air horn control which driver clinics determined to be more intuitive than steering wheel controls that move with the wheel

PREMIUM SOFT TOUCH VINYL

- Easy-to-clean premium soft touch vinyl trim panels are used throughout the vehicle
- Fabric surfaces have been reduced to help eliminate moisture and odors common with woven materials





INTERIOR | Cab Equipment | key numbers



CAB INTERIOR cab equipment



Series	LT® Series	Freightliner New Cascadia®	Volvo VNL 860	Peterbilt 579
Gauge Cluster	(2) Gauge Levels Available: 8-Gauge with 3.5" Monochromatic Display 8-Gauge with 5" Color Display and Virtual Gauges	(1) 5.0" TFT Display with Menu Cycles, Information Display and Optional Auxillary Gauges	(3) Gauge Levels Available: 8, 9 or 10 gauge with 5" Basic or Premium Monochrome Driver Info Display	(1) 8-Gauge Gauge Package and Driver Information Display Available SmartNav Display Including up to 5 Virtual Gauges
Premium Driver Information Display	5" Includes: TPMS, Virtual Gauges (Fuel Economy, Rear Axle Load, Safety Indicators, Digital Speedometer, Component Oil Temps, Manifold Pressure, etc.)*, Collision Mitigation, Lane Departure, Trip Info, Diagnostics, etc.	Premium Includes: Graphic Display, Collision Avoidance, Trip Info, MPG, Gear Info, etc.	Premium Includes: Virtual Gauges, Fuel Consumption, Time/distance, Diagnostics, Data, etc.	SmartNav Includes: Virtual Gauges, Telematics, Infotainment, Trip, Navigation, etc.
Shifter Location Functionality	Steering Column Automatic or AMT actuation, Engine Brake Engagement, Transmission Mode and Gearing	Steering Column SmartShift™ Transmission Actuation	Dash or Side of Seat I-Shift Transmission Actuation	Floor, Dash or Column Automatic or AMT Transmission Actuation
Steering Wheel Controls Design Available Features	Standard Back-lit, Laser Etched Cruise, Marker Interrupt, Headlight Interrupt, Radio Volume/Mute, Bluetooth, Track/ Preset Skip	Standard Not Published Cruise, Headlight Interrupt, ICU Access, Phone, Marker Light Interrupt, etc.	Available Not Published Marker, Headlamp Interrupts, Radio, Phone, Cruise (VADA), Cruise Distance	Available Not Published Radio and Cruise Controls
Radio	AM/FM, CD, Satellite, Aux, USB, MP3, Apple Device Interface, Bluetooth - Phone/Music	AM/FM/WB, CD, Satellite, Aux, USB, Apple Interface, Bluetooth	AM/FM, CD, MP3, USB, Bluetooth, Sirius XM Satellite Radio	Concert Class, CD, Bluetooth, USB, MP3 and Satellite
Trim Levels	2; Classic or Diamond Diamond Level Available with or without Black Cherry Accents	2; Base Level, Up Level	2; Limited, Touring	3; Prestige, Platinum, Premier
Cup and Bottle Holders Cab Sleeper	4 3	3 None	2 5	4 3

* When added with optional feature code for required sensors

Key Advantages

The LT Series' available premium display provides a wealth of information for the driver, including: Real-time fuel economy, Axle Load*, Custom gauge settings*, Safety indicators*, Digital speedometer and Tire pressure*

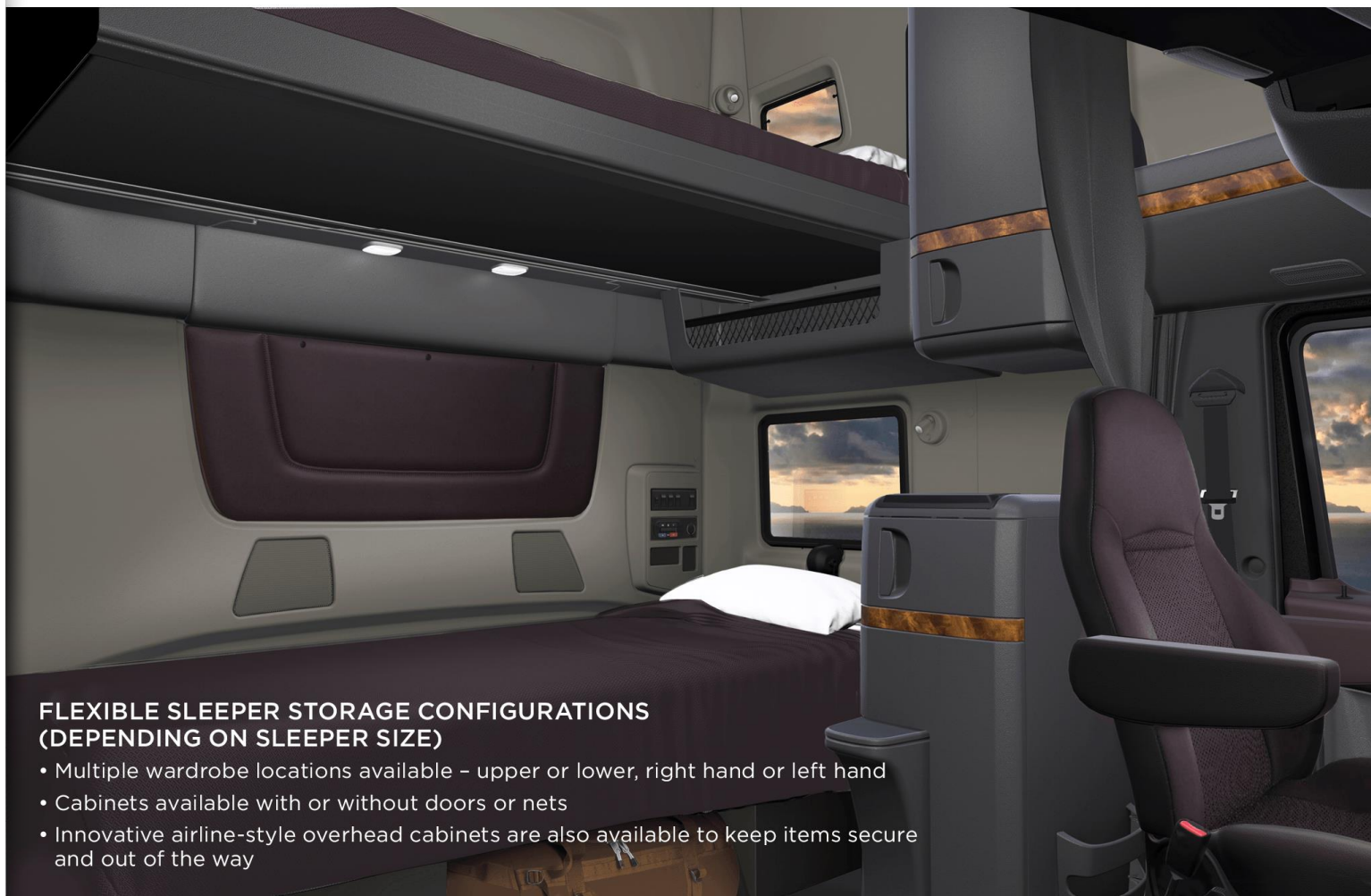
* When optional feature code is added for required sensors



INTERIOR | Sleeper Equipment



Cab Interior



FLEXIBLE SLEEPER STORAGE CONFIGURATIONS (DEPENDENT ON SLEEPER SIZE)

- Multiple wardrobe locations available – upper or lower, right hand or left hand
- Cabinets available with or without doors or nets
- Innovative airline-style overhead cabinets are also available to keep items secure and out of the way

International engineers spent hundreds of hours alongside drivers to gain a better understanding of their needs. Evidence of this commitment to unparalleled driver satisfaction can be found throughout the truck – the sleeper is no exception.

A COMFORTABLE CAB AND SLEEPER BEGIN WITH THE PROPER CAB SUSPENSION

- LT® Series long-stroke strut cab suspension has been optimized and gives precise control over lateral and longitudinal forces, and longer travel offers improved ride quality
- Outboard suspension mounting position more efficiently addresses cab sway during turns and increased travel for an improved ride
- Shock absorbers are fully exposed and easily accessed for service

AVAILABLE FACTORY-INSTALLED BATTERY- POWERED HVAC

- CARB approved heating and cooling, virtually maintenance-free
- Provides 17,000BTU heating and 6,000BTU cooling output
- Very short 70 minute recharge time provides 10+ hours of "on" time
- Factory-installed battery HVAC system meets TMC guidelines



INTERIOR | Sleeper Equipment | key numbers



CAB INTERIOR sleeper equipment



Series	LT® Series	Freightliner New Cascadia®	Volvo VNL 860	Peterbilt 579
Available Sleeper Lengths	LT625 Low-Roof: 56" Hi-Rise: 56", 73" Sky-Rise: 73"	New Cascadia 126" Mid-Roof: 48", 60", 72" Raised Roof: 60", 72"	VNL Series Flat-Roof: 42" Mid-Roof: 70" High-Roof: 70", 77"	579 Low-Roof: 44", 58" Mid-Roof: 58" High-Roof: 72", 80" UltraLoft: 80"
Mid Sleeper Configurations Left Hand	Microwave Provision, Tower Wardrobe (upper or lower)	Tall closet with writing table and upper storage	Upper tower cabinet with shelves/doors, microwave prep, lower-fridge/sink, shelves	Tower with lower cabinet, drawer, writing pad and vinyl or door enclosure available upper tower, Microwave Cabinet
Right Hand	Tower Wardrobe (upper or lower), Utility Cabinet, Dresser with Work Table or Refrigerator Cabinet, TV Bracket	Microwave shelf with upper, lower storage, TV prep, and refrigerator	Upper TV prep, lower wardrobe, drawers or shelves	Tower unit with lower cabinet and wardrobe with or without doors, Mirror
Rear Sleeper Configurations Left Hand	Cabinet, Airline-type Overhead Cabinets	Upper bunk access to mid-cab tower	Over-bunk storage rear shelf	No options
Right Hand	Cabinet, Airline-type Overhead Cabinets	Upper bunk access to mid-cab tower	Over-bunk storage rear shelf	Upper bunk access to mid-cab tower
Rear Wall Configurations	Available Rear Wall Storage in Hi-Rise or Sky-Rise or Upper and Lower pockets in Sky-Rise Sleeper	No options	Rear wall storage bins with netting over upper and lower bunks	Rear wall storage bins with net over Lower Bunk
Under Bunk Configurations	Three compartments, gas strut lift with full width pass-through when no auxiliary HVAC specified	Three compartments, gas strut lift, no full-width pass-through	Three compartments, no struts, full-width narrow pass-through	One large, un-segmented space with dual gas struts, pass-through obstructed by HVAC
Auxiliary HVAC Systems Fuel-Fired	Webasto Airtop 2000, Espar Air Tronic D2, Hydronic	Webasto AirTop 2000, Espar D2 / D4 Fuel-fired	Webasto Fuel-driven cab heater	Fuel-fired heater
Battery-Powered	Battery-powered No-idle A/C	Dual Parked Battery Powered HVAC System	Volvo Battery-Powered Parking, Heater and Cooler, Dometec Battery Powered HVAC	Battery-powered SmartAir No-Idle Sleeper A/C
Refrigerators	1.6 cu. ft. Cabinet-mounted or Under-bunk	5.5 cu. ft. RH Lower Level Cabinet, Under-bunk or Both	3.2 cu. ft. cabinet-type	.9 cu. ft. (58" sleeper) or 1.8 cu. ft. (72" sleeper)

Key Advantages

LT Series includes innovative airline-type overhead storage compartments to provide secure, out-of-the way storage (this is an International exclusive). The LT Series also offers optional back wall storage, and a full-width pass-through under the bunk for larger items, neither of which are available on the New Cascadia.



CHASSIS |



Chassis

- The LT® Series offers a wide range of 120,000 PSI single rail frames. Single rail frames are generally lighter than reinforced double rails and offer a higher strength-to-weight ratio. Single rail frames are also not susceptible to intra-rail corrosion.
- A partial inner C-Channel reinforcement is available for specialized applications, such as tractors with large fifth wheel offsets or applications that place considerable loads at the rear section of the frame.

STANDARD HUCK® BOLT FRAME FASTENERS

- Highly resistant to vibration
- Huck® Bolt fasteners provide superior clamping force over time and do not require re-torquing



SINGLE CANISTER AFTER-TREATMENT DEVICE

- Single canister system is up to 105 lbs. lighter than the system it replaces
- Single canister system is 60% smaller than the previous system
- Superior heat management to help improve fuel economy
- Greater ash retention for longer service intervals





CHASSIS | Chassis and Frame Equipment



CHASSIS chassis and frame equipment



Series	LT® Series	Freightliner New Cascadia®	Volvo VNL 860	Peterbilt 579
Frame Ratings				
Yield (PSI)	120,000	35,000 - 120,000	120,000	120,000
SM (in³)	12.43 - 16.98	12.33 - 21.53	13.4 - 20.5	14.8 - 22.35
RBM (in.-lbs.)	1,491,600 - 2,037,600	1,657,951 - 2,584,175	1,610,400 - 2,460,000	1,776,000 - 2,683,000
Available Reinforcements				
Full	Not Available	Not Available	Not Available	.25" Inner C-Channel
Partial	.25" Inner C-Channel	Not Available	Not Available	Not Available
Fifth Wheels	Jost, Fontaine, SAF Holland	Jost, Fontaine, SAF Holland	Jost, Fontaine, SAF Holland	Jost, Fontaine, SAF Holland
Fuel Tanks-Type	Cylindrical Aluminum	Cylindrical Aluminum	Cylindrical / D-style Aluminum	Cylindrical Aluminum
Total Capacity	70 - 280 Gallons	70 - 300 Gallons	100 - 300 Gallons	50 - 300 Gallons
Diameters	26"	23", 25"	26"	23", 26"
Exhaust ATD Configurations	Integrated DPF/SCR	Integrated DPF/SCR	Integrated DPF/SCR	Integrated DPF/SCR
Location	Right Hand Frame Under Cab	Outboard Right Hand Under Cab	Right Hand Under Cab	Right Hand Under Cab, Vertical DPF/SCR Back of Cab
Exhaust Stack Configurations	Vertical: Single or Dual Horizontal: Single	Vertical: Single Horizontal: Single	Vertical: Single or Dual Horizontal: Single	Vertical: Single or Dual* Horizontal: Single
DEF Tank Sizes	10.6, 15.9, 25.2 Gallons	6, 13, 23 Gallons	11.9, 18.5, 22.5 Gallons	11, 20.7, 31.1 Gallons

* Peterbilt 579 dual side of cab exhaust, LH stack is non-functional, aesthetic only

Key Advantages

New single canister after-treatment system is smaller and lighter than the previous system and offers superior heat management for improved efficiency and greater ash retention for longer service intervals. The LT Series also offers an optional partial frame reinforcement for specialized applications, not available on the competitors.



CAB INTERIOR | Axles and Maneuverability



Chassis



- The LT® Series offers a wide range of axles and suspensions to fulfill the needs of applications ranging from specialized regional haul to fleet long haul
- A 50" set-back front axle and standard wide-track front axles provide a wheel turn angle of up to 50 degrees for unrivaled maneuverability
- Optimized steering geometry allows both wheels to produce nearly identical wheel turn angles for superior performance regardless of the turning direction
- The LT Series offers Monoleaf front suspensions in capacities from 12,000 - 13,200 lbs. Mono-leaf springs offer a significant weight reduction over equivalent parabolic Taper-leaf springs and eliminate inter-leaf friction for improved dampening

SUPERIOR RIDE AND HANDLING

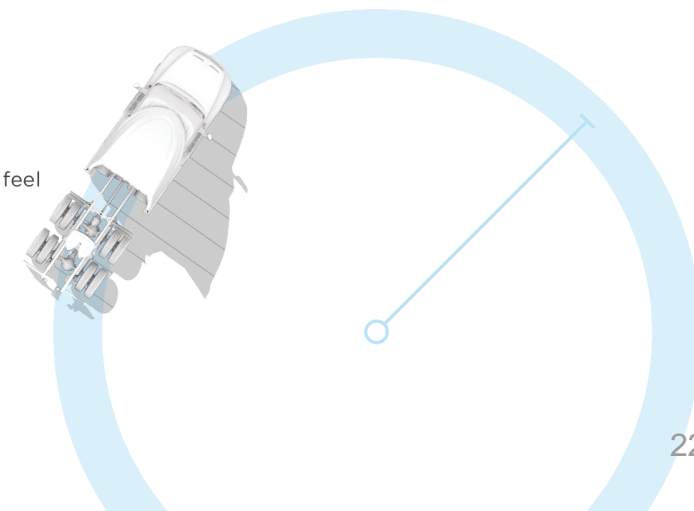
- The LT Series has been designed and engineered to provide the industry's best ride and handling with less wander and an automotive-like on-center feel

STANDARD WIDE-TRACK FRONT AXLES

- Wide-track front axles are designed to provide improved turn angles and improved maneuverability

OUTSTANDING RESULTS

- The LT Series produced nearly symmetrical left and right turn angle results of 50° and 49° respectively for both inside wheels
- A 50° inside wheel turn angle means a tractor with a 236" wheelbase will produce a curb-to-curb turning radius of about 31'





CHASSIS | Axles and Maneuverability



CHASSIS axles and maneuverability



Series	LT® Series		Freightliner New Cascadia®		Volvo VNL 860		Peterbilt 579	
Axle Configurations Set-Back	50"		51.5"		53.8"		49.4"	
Front Axles	Dana Spicer, Hendrickson, Meritor		Detroit, Hendrickson, Meritor		Dana Spicer, Hendrickson, Meritor, Volvo		Dana Spicer, Hendrickson, Meritor	
Capacities	12,000 – 14,000 lbs.		12,000 – 14,700 lbs.		12,000 – 16,000 lbs.*		12,000 – 14,600 lbs.	
Front Suspension Taper-leaf Air Capacities	Available Not Available 12,000 – 14,000 lbs.		Available Hendrickson AIRTEK 12,500 – 14,600 lbs.		Available Hendrickson AIRTEK 12,000 – 16,000 lbs.*		Available Hendrickson SOFTEK, Air Leaf 12,000 – 14,600 lbs.	
Standard Steering Gear	Sheppard HD94		TRW THP-60		TRW THP-60		Sheppard HD94	
Inside Wheel Cut	Left 50°	Right 49°	Left 49°	Right 51°	Left 42°	Right 47°	Left 47°	Right 38°
Calculated Turning Radius (236" WB)	30.6'	31.3'	31.3'	30.2'	34.9'	32'	32'	37.6'
Rear Axles Single (4x2) Tandem (6x2) Tandem (6x4)	Dana Spicer, Meritor 23,000 lbs. 40,000 lbs. 40,000 – 46,000 lbs.		Detroit, Dana Spicer, Meritor 21,000 – 23,000 lbs. 40,000 lbs. 40,000 – 46,000 lbs.		Dana Spicer, Meritor 23,000 lbs. 40,000 lbs. 40,000 – 46,000 lbs.		Dana Spicer, Meritor 21,000 – 26,000 lbs. 40,000 lbs. 40,000 – 46,000 lbs.	
Rear Suspensions Spring Air	International® Vari-rate International Ride Optimized Suspension (IROS), Hendrickson HTB/HAS		Not Available AirLiner		Volvo T-Ride Volvo, Neway, ADZ Hendrickson PRIMAAX/ HAS		Reyco Multi-leaf FLEX® Air, Air Leaf, Air Trac, Neway, ADZ, Reyco AR	
Rubber Capacities	Not Available 20,000 – 46,000 lbs.		Not Available 21,000 – 46,000 lbs.		Not Available 20,000 – 46,000 lbs.		Hendrickson HMX 20,000 – 46,000 lbs.	

* 12,000 and 16,000 lb. ratings
apply to the VNL 300 only

Key Advantages

The LT Series measured a left wheel turn angle of 50 degrees and a right turn angle of 49 degrees resulting in tighter turn radiuses than most competitors measured. The left hand inside wheel turn angle beats all competitors measured and the right hand inside wheel turn angle beats the VNL860 and the 579.



CAB INTERIOR | Electrical and Lighting



The LT® Series lighting signature is as unique as the truck itself.

The LT® Series electrical system features optimized harnessing and a power distribution module that's located inside the cab and away from the elements for outstanding reliability. Industry standard J1939 system architecture also ensures routine maintenance will remain predictable and diagnostics will be efficient.

STANDARD LED HEADLAMPS AND DAYTIME RUNNING LIGHTS (DRLs)

- Standard LED headlamps are brighter than Halogen and previously used LED headlamps
- Improved low and high beam coverage
- Headlamp life is extended because the same light source is not used for headlights and DRLs
- Tools are not required to replace halogen headlight bulbs

AVAILABLE BATTERY MANAGEMENT SYSTEM

- Auto start-stop charging to safeguard battery life and prevent jump-start situations
- Promotes no-idle and fuel savings
- Reduced emissions

REDESIGNED ELECTRICAL PANEL

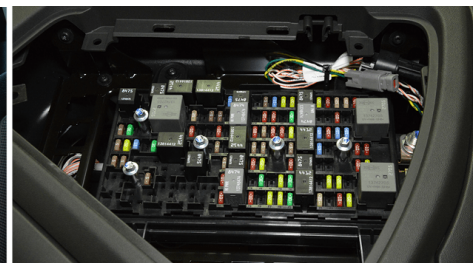
- The LT® Series electrical panel is located inside the cab, under the passenger side dash and is easily accessed without tools
- The electrical panel housing features a specially designed recessed perimeter which protects the electrical network by routing spills away from the circuit panel



CHASSIS | Electrical and Lighting



CHASSIS electrical and lighting



Series	LT® Series	Freightliner New Cascadia®	Volvo VNL 860	Peterbilt 579
Panel Locations Access	In cab, passenger side dash-top No Tools Required	In cab, passenger side dash No Tools Required	In-cab, center console dash-top No Tools Required	In-cab, at driver's side footwell No Tools Required
Batteries Amperage	(3), (4) , or (8*) Batteries 1,950 – 9,200* CCA	(3) or (4) Batteries 2,775 – 4,600 CCA	(3) or (4) Batteries 2,190 – 4,000 CCA	(1) – (4) Batteries 730 – 3,200 CCA
Battery Box Cover	Steel, Aluminum Plastic, Aluminum, Polished, and Unpolished	Steel, Aluminum Plastic, Aluminum, Polished, Unpolished, Diamond Plate	Steel Aluminum	Aluminum Composite, Aluminum, Diamond Plate Cover
Location	LH Under Cab	In-Cab, Back of Cab, Under Cab, Between Rails	LH Side Behind Front Fender	Left Hand/Right Hand Under Cab, Back of Cab, Between Rails, In-Cab
Alternators Amperage	Delco-Remy, Leece-Neville, Bosch 160 – 325	Delco-Remy, Leece-Neville 160 – 300	Delco-Remy, Leece-Neville 145 – 320	Delco-Remy, PACCAR 160 – 300
Jump Start Provision	Under Hood, Remote at Battery Box, Back of Cab	Left Hand Back of Cab, at Starter	In Battery Box	Back of Cab, Under Hood Left Hand Rail
Circuit Protection	Manual Reset Circuit Breakers	Solid-State and Fuses	Solid-State and Fuses	Solid-State and Fuses
Optional	No Data Book Options	Automatic Self-Reset Circuit Breakers	No Databook Options	Auto Reset Circuit Protection
Headlight Design Bulb Replacement	LED Headlights No tools required for Composite Reflector	LED Headlights No tools required for Composite Reflector	LED Headlights Tools required for Composite Reflector	Halogen HID Xenon No tools required for Composite Reflector
Daytime Running Lights	LED with LED Headlights or Halogen with Optional Halogen Headlights	Available, type not published	LED Basic Optional LED Signature	Available, type not published

*For Auxillary HVAC System

Key Advantages

Standard LED headlamps and available LED daytime running lights (DRLs) are brighter than Halogen and provide excellent longevity. The 579 does not offer LED headlamps. The new, easily removable front grille and 3-piece bumper provide quick access to front components. Lamp bulbs for turn signals and side markers are easy to access and can be replaced without tools.



INTERNATIONAL® A26

Lightweight, Quiet and Efficient Power.

- ▶ Designed exclusively for International® Trucks, the 2017 International® A26 offers premium performance in an advanced, fuel-efficient 12.4L design. The A26 produces up to 475 HP and 1750 lb.-ft. of torque from a design with a best-in-class dry weight of 2,299 lbs. and is 600-700 lbs. lighter than traditional big bore engines. It also features North America's first Class 7-8 Compacted Graphite Iron (CGI) crankcase design.
- ▶ The A26's proven EGR system delivers outstanding reliability and maximum uptime. Combustion optimization, friction reduction, increased compression ratio, an all-new cylinder head, and calibration refinements deliver up to a 5% fuel economy improvement over the 2017 N13.

Key Features

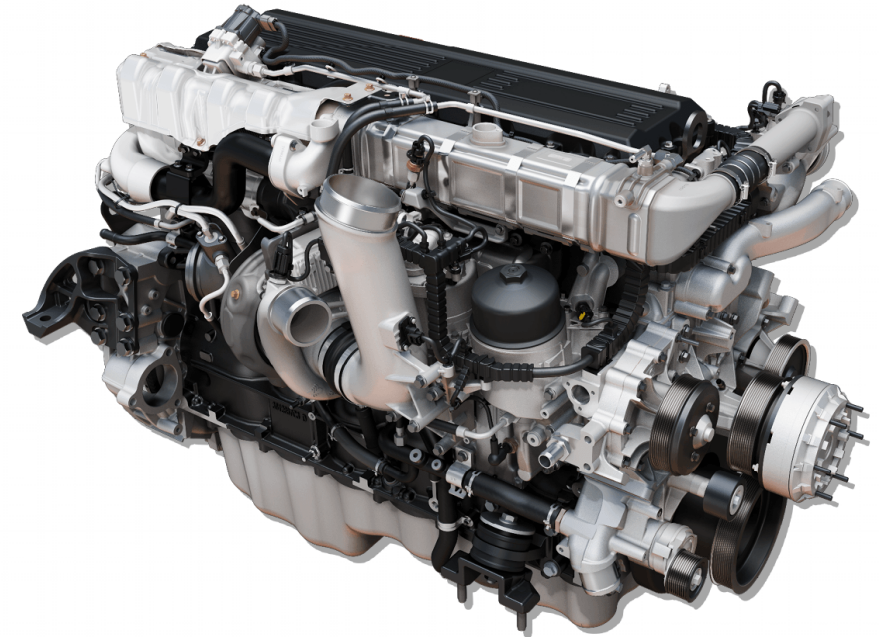
Variable Geometry Turbocharger - Titanium compressor wheel provides excellent longevity over competitive aluminum compressor wheels. Serviceable electronic actuator increases uptime and reduces service cost.

Jacobs Engine Brake® - Variable Geometry Turbocharger improves engine braking performance by up to 67% for increased braking power particularly at low- to mid-RPMs and higher altitudes.

2500 Bar High Pressure Common Rail Fuel System - Delivers maximum fuel injection pressure (36,300 psi) to reduce emissions and fuel consumption, with multiple injection events for smooth and quiet operation.

Lightweight design - Compacted Graphite Iron crankcase, shot peened aluminum flywheel housing, composite valve covers, and a hollow camshaft deliver a lightweight design, maximizing payload capacity.

Cold starting - Cold starting down to -40°F with available oil heater, coolant heater and cold start system with unaided cold starting down to 10°F for dependable starting in extreme climates or when plug-in heating isn't available.



Standard Ratings

Horsepower [BHP @ RPM]	400 - 475 @ 1,700
Torque [LB-FT @ RPM]	1,450 - 1,750 @ 1,000
Gov. Speed [RPM]	1,800



CUMMINS® X15

Proven Muscle For The Long Haul.

- ▶ Legendary Cummins reliability is available in new X15 Performance Series and X15 Efficiency Series configurations. The X15 Efficiency Series produces up to 500 HP with advanced fuel-saving technology that includes dynamic electronic controls with ADEPT features, enhanced engine breathing and an optimized combustion process that leverages Cummins' proprietary VGT™ Turbo and XPI fuel system.
- ▶ The X15 Performance Series generates up to 565 HP by upgrading virtually every critical component for enhanced air handling, faster throttle response and even stronger braking power at lower RPM.

Key Features

Variable Geometry Turbocharger – Industry-leading proprietary design is four to six times stronger than previous designs for improved durability. The new design also includes a new impeller for rapid boost and improved braking.

XPI Fuel System – Delivers better performance at wider range of RPMs with multiple injection events to improve efficiency and provide smoother, quieter operation.

Single High-Capacity ECM – Efficient, single ECM management of the engine and after-treatment system for exceptional performance and fuel efficiency.

Cummins After-treatment System – A new flow-through design provides better heat management for improved efficiency and increased ash capacity for fewer cleanings. This integrated system is up to 40% lighter and 60% smaller than some two-part systems.



Efficiency Series

Horsepower [BHP @ RPM]	400 - 500 @ 1,500
Torque [LB-FT @ RPM]	1,450 - 1,850 @ 1,000
Gov. Speed [RPM]	1,800

Performance Series

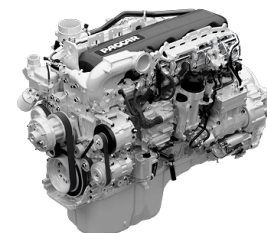
Horsepower [BHP @ RPM]	485 - 565 @ 1,600
Torque [LB-FT @ RPM]	1,650 - 2,050 @ 1,150
Gov. Speed [RPM]	2,000



POWERTRAIN | Engine Specifications | key numbers



POWERTRAIN engine details



Engine Manufacturer	International	Detroit			Volvo		PACCAR		Cummins		
Truck Model	LT® Series	New Cascadia 126			VNL 300, 400	VNL 740, 760, 860	579		579		LT Series, 579, New Cascadia, VNL 860
Engine	A26	DD13	DD15	DD16	D11	D13	MX-11	MX-13	ISX12N	L9N	X15
Displacement (L)	12.4	12.8	14.8	15.6L	10.8	12.8	10.8	12.9	11.9	8.9	14.9
Engine Block	Compacted Graphite Iron	Ribbed Cast Iron	Ribbed Cast Iron	Ribbed Cast Iron	Gray Iron	Gray Iron	Compacted Graphite Iron	Compacted Graphite Iron	Gray Iron	Gray Iron	Gray Iron
Fuel System	Direct Injection 2500 Bar HPCR	Amplified Common Rail	Amplified Common Rail	Amplified Common Rail	Ultra-high Common Rail	Dual Solenoid Electronic Unit Injection	High Pressure Common Rail	High Pressure Common Rail	Extreme Pressure Injection (XPI)	Extreme Pressure Injection (XPI)	Extreme Pressure Injection (XPI)
Cam	SOHC	DOHC	DOHC	DOHC	SOHC	SOHC	SOHC	SOHC	SOHC	SOHC	SOHC
Turbocharger	Variable Geometry	Asymmetric	Asymmetric	Non-Wastegated	Variable Geometry	Variable Geometry	Variable Geometry	Variable Geometry	Wastegate Actuated	Wastegate Actuated	Variable Geometry
Horsepower	400 – 475	350 – 505	400 – 505	500 – 600	325 – 425	375 – 500	335 – 430	380 – 500	320 – 400	320	400 – 565 ¹
Torque (lb.-ft.)	1,450 – 1,750	1,250 – 1,850	1,550 – 1,750	1,850 – 2,050	1,250 – 1,550	1,450 – 1,850	1,150 – 1,650	1,450 – 1,850	1,150 – 1,450	1,000	1,450 – 2,050
Dry Weight	2,299 lbs.	2,487 lbs.	2,718 lbs.	2,837 lbs.	2,259 lbs.	2,676 lbs.	2,200 lbs.	2,600 lbs.	2,650 lbs.	1,625 lbs.	2,961 lbs.
Life (B50/B10)	1,200,000 (B10)	1,000,000 (B50)	1,200,000 (B50)	1,200,000 (B50)	1,000,000 (B50)	1,000,000 (B50)	1,000,000 (B10)	1,000,000 (B10)	Not Available	Not Available	Not Available
Warranty	2 Years, Unlimited Miles, Unlimited Hours	2 Years, Unlimited Miles			2 Years, 250,000 Miles		2 Years, 250,000 Miles		2 Years, 250,000 Miles		

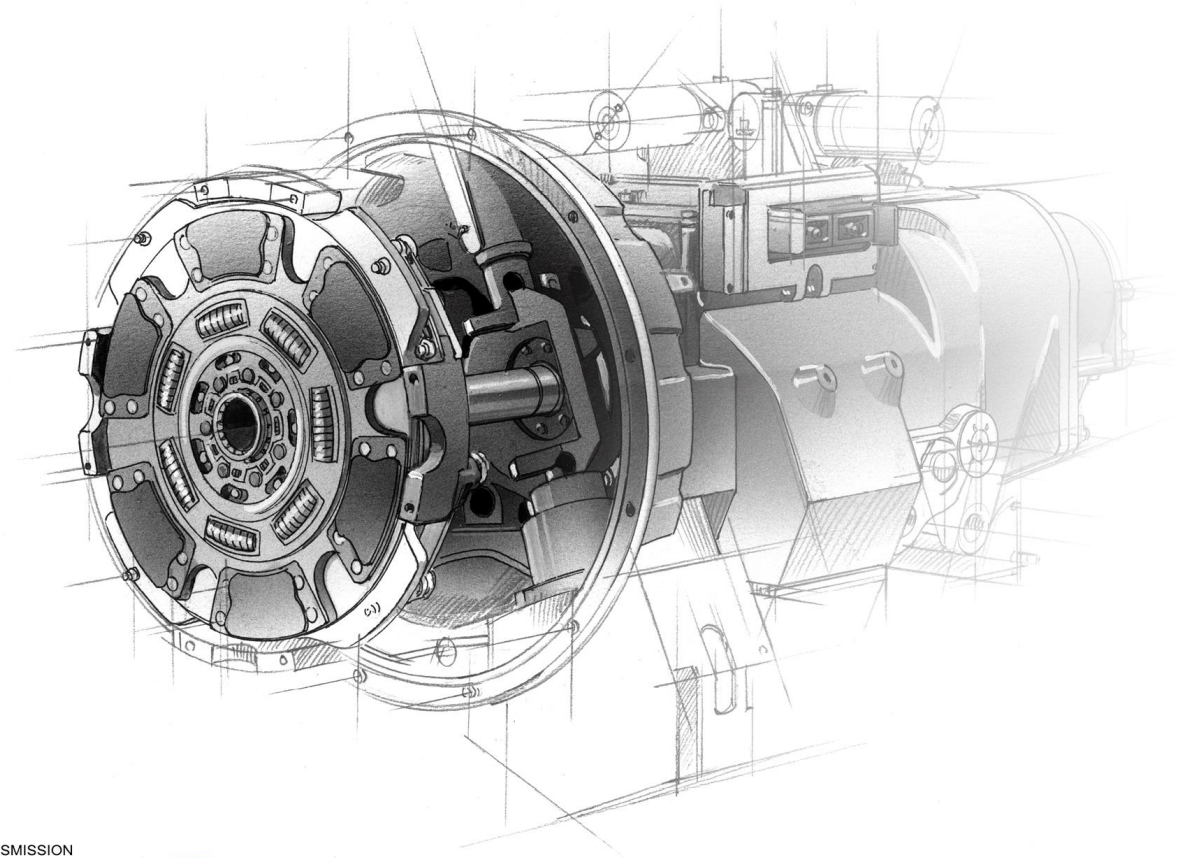
¹ Horsepower range is for LT Series, the other OEM's may vary



POWERTRAIN | Transmissions and Equipment



The LT® Series offers a wide range of transmissions from industry standard manufacturers. Options are available ranging 9 to 18-speed manuals, Automated Transmissions to full Automatics and Integrated Drivetrains like the Cummins and Eaton Smart Advantage™ Powertrain.



INNOVATIVE STALK SHIFTER



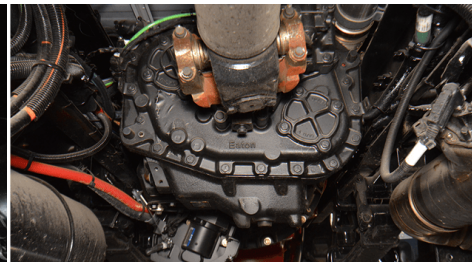
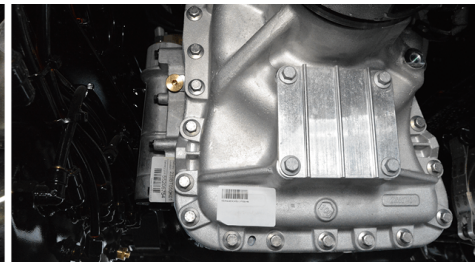
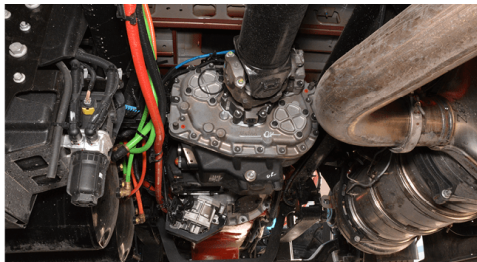
- ▶ The innovative stalk shifter is mounted on the steering column, allowing you to easily reach and smoothly operate shifting and engine braking while keeping your eyes on the road and your hands on the wheel.



POWERTRAIN | Transmissions and Equipment | key numbers



POWERTRAIN transmissions and equipment



Series	LT® Series	Freightliner New Cascadia®	Volvo VNL 860	Peterbilt 579
Manual Transmissions	Eaton Fuller Advantage: 10-speed Eaton Fuller: 10-speed Fuller: 9, 10, 13, 15, 18-speed	Eaton Fuller: 9, 10, 13, 18-speed Eaton Fuller: Advantage (manual): 10-speed	Eaton Fuller: 9, 10, 13, 18-speed Eaton Fuller: Advantage (manual): 10-speed	Eaton Fuller: 9, 10, 11, 13, 15, 18-speed Eaton Fuller: Advantage (manual): 10-speed
Automated Manual Transmissions	Eaton Endurant: 11, 12-speed Eaton Fuller UltraShift® PLUS: 13, 18-speed Eaton Fuller UltraShift® PLUS LSE: 16 speed Eaton Fuller Advantage™: 10-speed	Eaton Fuller: Advantage: 10-speed Detroit: DT12-DH1, DT12-OH1: 12-speed	Eaton Fuller: UltraShift® PLUS: 13, 18-speed, MHP, MXP Advantage/SmartAdvantage: 10-speed Volvo: I-Shift: 12, 13, 14-speed	Eaton: UltraShift® PLUS: 10, 11, 13, 18-speed, VCS, VMS, MHP, VXP, MXP, LSE Advantage: 10-speed Endurant: 12-speed PACCAR: Automated: 12-speed
Automatic Transmissions	Allison: TC-10: 10-speed	Allison: 3000: HS 4000: HS, RDS, TRV	Not Available	Allison: 3000: RDS-P, HS 4000: RDS-P, HS 4500: RDS TC-10
Shifter Type Location Functionality	Multi-function Steering Column Engine Brake Engagement, Transmission Mode and Gearing	SmartShift™ Shift-by-Wire Steering Column Transmission Actuation	I-Shift Control Dash or Side of Seat Transmission Actuation	Auto or AMT Shift Control Dash or Column Mounted Transmissions Actuation
Clutches	Eaton Fuller: Solo Advantage®, Easy-Pedal Advantage ECA-1850, ECA-2250	Eaton Fuller: Eaton Solo Advantage, ECA-1850, ECA-2250 Detroit: HD AMT Clutch	Eaton Fuller: Solo Advantage, UltraShift PLUS Clutch Volvo Sachs: Organic for I-Shift	Eaton Fuller: Easy Pedal, Eaton Solo Advantage, UltraShift PLUS Clutch
Clutch Pedal	Standard Hydraulic with Air Assist	Standard Hydraulic with Air Assist	Standard Hydraulic with Air Assist	Standard Hydraulic with Air Assist

Key Advantages

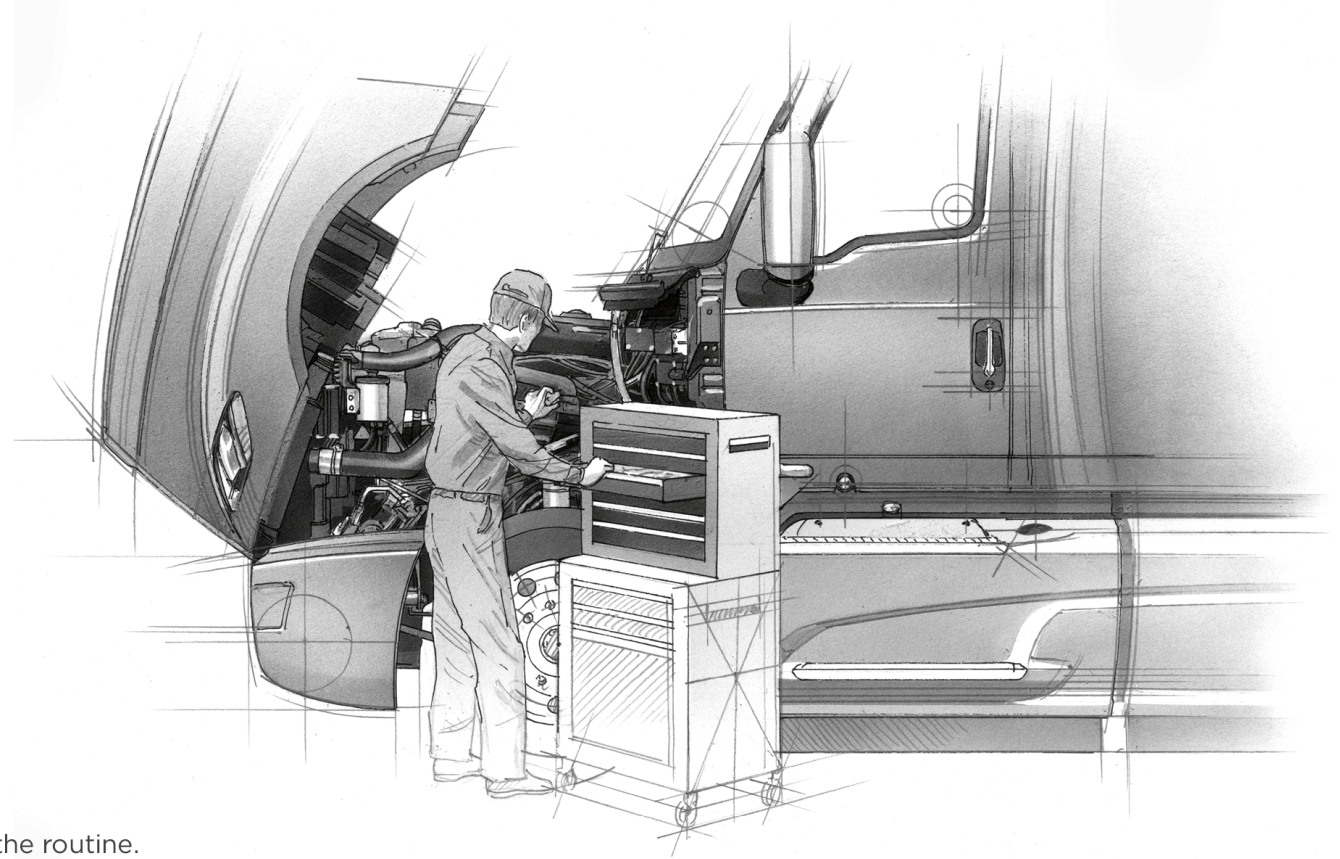
LT Series features a new column-mounted stalk shifter that is intuitively placed to help keep eyes on the road and hands on the wheel. It integrates engine braking and shifting into a single control and is the first on the market to offer Allison functionality.



POWERTRAIN | Routine Maintenance

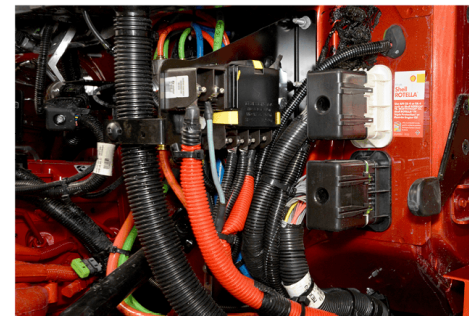


Powertrain



Routine maintenance needs to be simple in order for it to remain part of the routine. The LT® Series has been designed with a number of features intended to streamline daily pre-trip inspections and maintenance.

- Routine service points are clearly identified and easily accessed from the driver's side of the vehicle
- Commonly serviced fluid reservoirs are translucent so levels can be confirmed at a glance
- Many fluid reservoir caps are tethered to reduce roll-away and lost caps saving time and frustration
- The hood features a torsion bar assist and opens 62 degrees for easy engine access
- The hood also features gas struts to dampen opening and closing and prevent the hood from being blown closed or inadvertently closed during maintenance
- Full battery access is quick and easy with improved, four bolt removal of the chassis skirt panel



Power Distribution Module simplifies under-hood electrical routing for a clean, well-organized system and streamlined troubleshooting



POWERTRAIN | Engine Maintenance Intervals | key numbers



POWERTRAIN engine maintenance intervals

ON-HIGHWAY MAINTENANCE INTERVALS¹



Engine Manufacturer	International	Detroit			Volvo		PACCAR		Cummins		
Engine Manufacturer	International	Detroit			Volvo		PACCAR		Cummins		
Engine	A26	DD13	DD15	DD16	D11	D13	MX-11	MX-13	L9N	ISX12N	X15
Oil and Filter (miles)	Up to 70,000 ⁵	35,000-65,000 ⁶	35,000-70,000 ⁶	35,000-55,000 ⁶	25,000-45,000 ⁶	25,000-45,000 ⁶	50,000 - 75,000 ¹⁰ 50,000 - 75,000 ¹⁰		7,500 - 15,000 ⁷	25,000	25,000 - 50,000 ⁶
Fuel Filter (miles)	Every Oil Change or 1,300 hours	35,000-65,000 ⁶	35,000-70,000 ⁶	35,000-55,000 ⁶	45,000	45,000	50,000 - 75,000 ¹⁰	50,000 - 75,000 ¹⁰	15,000 - 30,000 ⁸	50,000	25,000 - 50,000 ⁶
Coolant Filter (miles)	Every Fourth Oil Change or 12 months	100,000	100,000	100,000	150,000	150,000	300,000	300,000	7,500 - 15,000 ⁷	75,000	50,000
Valve Lash (miles)	120,000, 300,000 ²	100,000 ³	100,000 ³	100,000 ³	150,000 ¹¹	150,000 ¹¹	180,000 ¹¹	150,000 ¹¹	30,000 - 60,000 ⁹	150,000	500,000
DPF Cleaning (miles)	350,000 - 600,000 ⁴	500,000 - 550,000	500,000 - 550,000	500,000 - 550,000	250,000-400,000 ⁶	250,000-400,000 ⁶	300,000	300,000	N/A	N/A	250,000 - 800,000 ⁶
DEF Pump Filter (miles)	300,000	500,000	500,000	500,000	150,000	150,000	300,000	300,000	N/A	N/A	250,000 - 300,000 ⁶

- Where specified by manufacturer. Please refer to engine maintenance manuals for latest intervals
- Normal service vehicles with annual mileage greater than 30K: 120K miles, 300K miles, then every 300K miles. Severe Service or Heavy Haul applications with annual mileage less than 30K: 1,000 hours, 3,000 hours then every 3,000 hours
- Every 500K following initial
- Greater than 6.5 mpg: 600K miles/11,000 hours, 5.5 - 6.5 mpg: 500K/9,000 hours, Less than 5.5 mpg: 350K miles/9,000 hours
- Under 5.5 mpg: 20,000 miles or 500 hours or 6 months; 5.5 - 6.5 mpg: 35,000 miles (56,000km); Over 6.5 mpg: 50,000. Up to 70,000 miles with oil sampling and International approval
- Depending on duty cycle — see engine maintenance manual
- Under 66,000 miles, 15K: Refuse Service: 7.5K
- Under 66,000 miles, 30K: Refuse Service: 15K
- Under 66,000 miles, 60K: Refuse Service: 30K
- >20% Idle: 50k, <20%: 75k
- Every 300K following initial

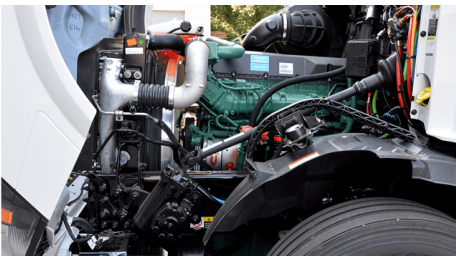
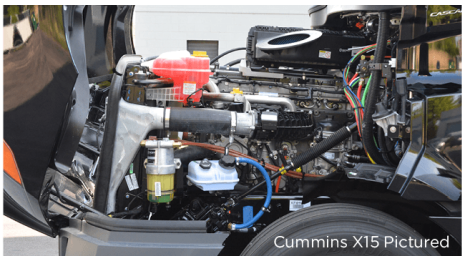


POWERTRAIN | Engine Specifications | key numbers



Powertrain

POWERTRAIN
routine
maintenance



Series	LT® Series		Freightliner New Cascadia®	Volvo VNL 860	Peterbilt 579
	International A26	Cummins X15			
Driver Side Maintenance Points	Oil Check/Fill, Power Steering Check/Fill	Oil Check/Fill, Power Steering Check/Fill, Air Cleaner Access	Oil Check/Fill, Coolant Check/Fill, Power Steering Check/Fill, Air Cleaner	Oil Check/Fill, Power Steering Check/Fill	Oil Check/Fill, Washer Check/Fill, Power Steering Check/Fill, Air Cleaner
Passenger Side Maintenance Points	Coolant Check/Fill, Washer Fluid Check/Fill, Air Cleaner Filterminder	Coolant Check/Fill, Washer Fluid Check/Fill, Air Cleaner Filterminder	Washer Fluid Check/Fill, Air Cleaner Filterminder	Coolant Check/Fill, Air Cleaner, Air Cleaner Filterminder	Coolant Check/Fill, Air Cleaner Filterminder
Translucent Containers (levels-at-a-glance)	Coolant, Washer Fluid, Power Steering Fluid	Coolant, Washer Fluid, Power Steering Fluid	Coolant, Washer Fluid, Power Steering Fluid	Coolant	Coolant, Washer Fluid, Power Steering Fluid
ISO Identification	Oil Check, Coolant, Check/Fill, Washer Fluid Check/Fill	Oil Check/Fill, Coolant Check/Fill, Washer Fluid Check/Fill	Oil Check/Fill, Coolant, Washer Fluid	Washer Fluid	Oil Check/Fill
Tethered Caps	Oil Fill, Washer Fluid Check/Fill	Oil Fill, Washer Fluid Check/Fill	Oil Fill	Washer Fluid, Coolant	Oil Fill, Washer Fluid
Fluid Filter Mounts	Top Load	Bottom Load	Top Load	Bottom Load	Bottom Load
Hood Latch Design	Recessed Fender-back Restraining Straps	Recessed Fender-back Restraining Straps	Recessed Cowl-Side Ratchet-Style	Inside Cab at Base of Steering Column	Recessed Fender-back Restraining Straps

Key Advantages

The LT Series surpasses most competitors with a hood opening of 68 degrees making engine access painless. Hood opening is routine with industry-standard recessed fender straps. Cascadia's design can be more difficult to operate and may require two hands, and Volvo's latch is inconveniently located inside the cab.



Support

SUPPORT | Dealer Network



Navistar Capital is an industry leader in commercial vehicle financing with over 40 years of experience. We provide customized leases and secured loans with flexible structuring for International® heavy and medium duty commercial vehicles. Contact your local International® Truck dealer for more information.



For more than 40 years, Fleetrite® Parts have provided quality parts for all truck and bus makes sold exclusively at your International® Truck dealer. Every part is Navistar quality approved and is covered under a 1-year parts and labor warranty. Parts you can trust and affordability you can bank on.

WE HAVE YOUR BACK SO YOU CAN KEEP MOVING FORWARD

Your International® dealer is one of the best in the business and part of the industry's broadest, most capable parts and service network.



DIAMOND EDGESM CERTIFIED INTERNATIONAL® TRUCK DEALERS

This select network of International® dealer service departments has passed rigorous parts and service certification guidelines to provide you with faster turnarounds, immediate parts availability and a higher level of servicing expertise. Their ongoing pledge is to maximize your uptime and deliver a best-in-class customer experience.

YES, WE'RE	Saturday	Sunday
OPEN	488	47
	Locations	Locations

724

DEALER LOCATIONS

7,500+ **7,600+**
TECHNICIANS SERVICE BAYS





OnCommand[®] Connection

CONNECT YOUR ENTIRE FLEET THROUGH A SINGLE PORTAL.

If your fleet includes more than one truck make and model, chances are you're using more than one remote diagnostic system to help monitor and manage the health of your vehicles. That's the genius of OnCommand[®] Connection. It's the first and only all-makes diagnostic system that enhances your uptime by efficiently and accurately monitoring all the trucks in your fleet in real time.

ONCOMMAND CONNECTION HELPS YOU:

- Monitor and manage the hundreds of fault codes in all your trucks
- Connect your fleet with service centers and manufacturers
- Comply with safety standards by taking action on critical faults
- Make informed choices to manage your fleet for maximum productivity

ONCOMMAND CONNECTION HAS THE CAPABILITIES TO:

- Diagnose your entire fleet wherever it may be
- Get action plans for more than 18,000 engine and vehicle faults
- Prioritize needed repairs while avoiding unnecessary service visits

ALL THE TOOLS YOU NEED AT YOUR FINGERTIPS

OnCommand Connection is designed to keep your vehicles moving and your profits rising through powerful features such as **interactive mapping, engineer-designed action plans and access to your online portal** through your preferred interface – computer, tablet, smartphone or email.



Reduce en route events by proactively scheduling maintenance and repairs



Map tools that plot truck locations, nearest dealers, hotels and local towing providers



Generate real-time comprehensive vehicle health reports



Understand fault codes quickly and easily with descriptions in plain English



Gain more insight with fault code action plans that provide severity information and recommended solutions



LT® Series Feature Summary

CAB

- Significant aerodynamic improvements and drivetrain optimization result in up to a 9% improvement in fuel efficiency over previous model*
- Longer 125" BBC optimizes weight distribution and improves aerodynamics
- Cab door design eliminates vent window seam and lowers the glass improving driver's visibility
- Pedestal cab mirrors reduce wind noise, reduce drag and improve driver's visibility
- Standard LED headlights and daytime running lights for outstanding nighttime visibility

CAB INTERIOR

- Dash improves ergonomics and storage while providing an automotive-level fit and finish
- Standard premium gauge cluster offers a class-leading driver interface with virtual gauges, improved connectivity and state-of-the-art graphics
- Interior features easy-to-clean Premium Soft-touch Vinyl to reduce the use of fabrics which tend to trap moisture and odors
- Center console refined for more functional storage and improved ergonomics to easy movement from driver's seat to sleeper compartment
- HVAC system is more reliable and features max Defrost feature for best-in-class defrost performance

CHASSIS

- Improved harnessing and industry standard J1939 architecture for improved reliability
- Single canister After-Treatment Device is up to 105 lbs. lighter and 60% smaller than the system it replaces
- Many truck-wide improvements result in reduced weight for optimized loading and improved efficiency

POWERTRAIN

- Innovative steering column-mounted stalk shifter integrates transmission functionality and available engine braking
- The International® A26 provides efficient and reliable power in a light weight 12.4L platform
- The Cummins® X15 is available for applications requiring up to 2050 lb.-ft. of torque and 565 HP
- Wide range of manual, automated and automatic transmissions to fulfill the needs from across town to across the country

SUPPORT SERVICES

- Service before failure with OnCommand® Connection which efficiently monitors all the vehicles in your fleet regardless of make or model
- With 724 dealer locations, the industry's broadest and most capable support network is never far away

* Compared to 2017 ProStar with ISX15 engine and Eaton SmartAdvantage™ transmission