



LT[®] SERIES COMPARISON GUIDE

BAR RAISED. STANDARD SET.

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 gauge cluster and switches designed to keep drivers focused
- Steering wheel control labels are laser-etched instead of painted for maximum readability and durability
- ChemGuard coating under the cab floor provides additional corrosion protection
- Standard Intelligent Fleet Care provides an intuitive preventive maintenance solution with fleet health monitoring, advanced fuel analytics, and TPMS integration
- Cab wiring features a power distribution module that's located inside the cab, protected from the elements
- The HVAC max defrost feature helps clear windows faster in colder climates, providing quicker, clearer visibility for increased uptime and less waiting

SIMPLIFYING MAINTENANCE TO MAXIMIZE UPTIME.

The LT Series is designed and engineered to optimize uptime with industry leading serviceability. All key service points under the hood, inside the cab, and around the vehicle are ergonomically designed for easy access and servicing. Many components are engineered with longer intervals between required maintenance. And when you do need service, you can count on expert technicians and an extensive parts inventory from your International dealer.

BBC/BA 125" / 50"

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 S13 12.74L
• 400 – 515 HP
• 1,450 – 1,850 lb.-ft.
Cummins X15 15L
• 400 – 565 HP
• 1,450 – 2050 lb.-ft.

Transmissions

Automated Manual Transmissions
• International® T14: 14-speed
• Eaton Cummins Endurant: 11, 12-speed
Manual Transmissions
• Eaton Fuller: 10-speed
• Fuller: 10, 13, 18-speed

Front axles

Hendrickson: 12,350 – 14,000 lbs.
Dana Spicer: 12,350 – 14,000 lbs.
Cummins-Meritor: 12,350 – 14,000 lbs.

Front suspensions

Spring Monoleaf: 12,350 – 13,200 lbs.
Parabolic Taperleaf: 12,350 – 14,000 lbs.

Rear axles

Single Rear Axles
• Cummins-Meritor: 23,000 lbs.
• Dana Spicer: 23,000 lbs.
Tandem Rear Axles
• Cummins-Meritor: 40,000 – 46,000 lbs.
• Dana Spicer: 40,000 – 46,000 lbs.

Rear suspensions

Air Single
• International: 20,000 lbs.
Air Tandem
• International: 40,000 lbs.
• Hendrickson HAS: 40,000 – 46,000 lbs.

Brakes

Air Drum Brakes with Automatic Traction Control and Electronic Stability Control
Air Disc Brakes with Automatic Traction Control and Electronic Stability Control

Interior Trim Levels

Classic
Diamond
Diamond Elite

COMPETITIVE SET

The International® model was compared side-to-side against several of its competitors. Although all models have unique design elements and component availability, every measure has been taken to perform an accurate head-to-head comparison of key specifications, components, and features.



COMPETITIVE SET	INTERNATIONAL LT MAIN	FREIGHTLINER CASCADIA 126 MAIN	PETERBILT 579 MAIN	VOLVO VNL MAIN
BBC	125"	126"	118"	125"
BA	50"	52"	49"	55.4"
Engine	S13 400 HP	DD13 400 HP	MX-13 455 HP	D13 425 HP
Transmission	T14	DT12-1750-DH	PACCAR TX-12	AT2612G
Frame	10.125" x 3.58" x .312"	10.46" x 3.46" x .28"	10.625" x 3.45" x .313"	11.81" x 3.54" x .28"
Front Axle	STEERTEK 12.35K	DA-F-12.5-3 12.5K	MFS+ 12K	VF13 13.2K
Rear Axle	MT-40-14XHE 40K	DA-RT-40-0-4T 40K	PACCAR DX-40 40K	MT-40-14XHE 40K
Rear Suspension	IROS 40K	AirLiner 40K	Low Air Leaf	VOAS Air 38K
Tire Manufacturer	Michelin	Michelin	Michelin / Apollo	Continental
Front Tires	275/80R22.5	275/80R22.5	275/80R22.5	295/75R22.5
Front Tire Tread	X-Line Energy Z	X-Multi Energy D	XZE2	HS3+
Rear Tires	275/80R22.5	275/80R22.5	275/80R22.5	295/75R22.5
Rear Tire Tread	X-Line Energy Z	X-Multi Energy D	ENDU	HDL2
Base Warranty	1 year / 100,000 miles	1 year / 100,000 miles	1 year / 100,000 miles	1 year / 100,000 miles

INTEL THAT'S RELEVANT, INTUITIVE AND CUSTOMIZABLE



Every detail inside the International LT Series cab has been carefully designed, measured and clinic-tested to optimally benefit the driver. The gauges received 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.

KEY FEATURES

- The LT Series features a special paint and coating process that provides superior cab protection
- The swept-back windshield, mirror placement, 1-piece side windows and sloped hood provide outstanding visibility on the road
- Cab doors have been redesigned with a lower bottom glass edge and no vent window seam for enhanced visibility and reduced blind spots

CAB DESIGN

SEE THAT IT'S DONE

Good visibility is crucial to complete the route safely and efficiently. The sloped hood design, large windshield and precision halogen headlamps on the LT Series all contribute to help provide the driver with a clear look at the road ahead.

ON-HIGHWAY DURABILITY

The highway can be a rough place. Inclement weather and variable road conditions can take a toll on any vehicle, but when you're traveling thousands of miles a week, the wear and tear can add up quickly. But if the truck is made from the right materials, repairs can be relatively painless. Compared to aluminum, repairing steel body panels like those found on the LT Series is a piece of cake. Plus, the multi-piece hood is stronger than fiberglass and resists cracking over the life of the truck.



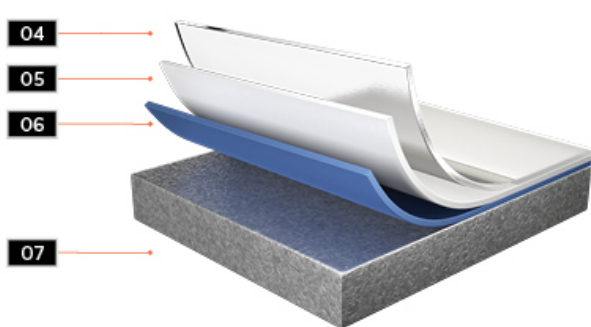
CAB OF STEEL.



CORROSION PROTECTION

01	InterCoat® ChemGuard Coating	Think of it as a self-healing layer of skin on our galvanized steel. This inter-reactive, chrome-zinc phosphate coating is used on floor and toe kick panels to help extend integrity. The self-rejuvenating properties allow surface cuts, scratches and perforations to maintain corrosion protection.
02	Spray-On Liner Coating	This available polyurethane and polyurea formulation creates a protective tray on the cab floor that contains spills as well as any of nature's elements that make their way inside. Durable and long-lasting, optional spray-on liner coating is an OEM-grade protective coating designed to guard against abrasion, corrosion and impact and can be found on over 4 million pickup bedliners.
03	Reinforced B-Pillars	For extra cab strength and to support the new cab-mounted exhaust option, every LT Series includes reinforced B-pillars.

The cab of the LT Series is made of tough, durable, high-strength steel that's easy to repair. New advancements in manufacturing mean that steel can now offer practically the same corrosion resistance as aluminum without a significant weight penalty – not to mention greater strength.



E-COAT PAINT PROCESS

04	Clearcoat
05	Base Coat
06	E-Coat
07	Galvanized Steel



STRUCTURAL ENHANCEMENTS

Sled Runners (day cab and sleeper)
The LT Series cab variants feature high-strength steel sled runners for improved durability.



Strut Brace (sleeper only)
A strut brace improves dash endurance.

CAB DESIGN

KEY SPECS

AERODYNAMIC PACKAGES

VISIBILITY

GLASS



KEY SPECS	INTERNATIONAL LT CAB	FREIGHTLINER CASCADIA 126 CAB	PETERBILT 579 CAB	VOLVO VNL CAB
BBC	125"	116" 126"	118" 124"	125"
BA	50"	52"	50.2"	55.4"
GVWR	52,350 lbs.	52,500 lbs.	52,000 lbs.	51,220 lbs.
Cab Construction	Welded Steel	Aluminum	Aluminum	Welded Steel
Available Cabs / Sleepers	Day Cab Low Roof: 56" High-Rise: 56", 73" Sky-Rise: 73"	Day Cab Mid-Roof XT: 48", 60", 72" Raised Roof: 60", 72"	Day Cab Low Roof: 44', 58' High Roof: 58', 72', 80' UltraLoft: 80'	Day Cab Mid-Roof: 42", 62", 74" High-Roof: 62", 74"
Hood Design	3-piece	3-piece	3-piece	3-piece

CAB DESIGN

KEY SPECS

AERODYNAMIC PACKAGES

VISIBILITY

GLASS



AERODYNAMIC PACKAGES	INTERNATIONAL LT CAB	FREIGHTLINER CASCADIA 126 CAB	PETERBILT 579 CAB	VOLVO VNL CAB
Day Cab	Roof Fairing, 20", 28" Side Extensions, Chassis Fairings to Back of Side Extenders, Pedestal Mounted Mirrors, Front Bumper Air Dam w/ Seal, Front Wheel Close Out, Front Hood Seal	Roof Fairing, Adjustable Air Deflector, Low Profile Roof Fairing, 12" Side Extenders, Chassis Fairings to Back of Cab / Side Extenders / Rear Wheels, Wheel Well Fairings, Low Ground Clearance Chassis Fairing Skirts, Optimized Aerodynamic Drive Wheel Fairing, Wheel Covers, Quarter Fenders w/ Aerodynamic Spoiler, Chassis Fairing Gap Filler Panel	Roof Fairing, Side Extenders, Front Bumper Air Dam w/ Seal, Chassis Fairing w/ Rubber Skirts to Back of Side Extender, Front Wheel Close Out, Under Cab Aero Closeout	Many Aerodynamic Features Built into Cab-Wedge Shaped Cab, Raked and Curved Windshield, Side Deflectors and Aero Extender, Aerodynamic Bumper and Spoiler, Front Wheel Closeouts, Chassis Side Fairings w/ Ground Effects, FlowBelow Rear Fairings and Aerodynamic Wheel Covers,
Sleeper	Roof Fairing w/ Side Extensions, 14", 18", 28" Side Extenders, Chassis Fairings to Back of Side Extenders, Pedestal Mounted Mirrors, Front Bumper Air Dam w/ Seal, Front Wheel Close Out, Front Hood Seal	Raised Roof Aerodynamic Spoiler, Roof Fairing for XT Height Sleeper, Full Length Extended Aerodynamic Spoiler, 12", 20", 24" Side Extenders, Chassis Fairings to Back of Sleeper / Side Extenders / Rear Wheels, Front Wheel Well Fairings, Low Ground Clearance Chassis Fairing Skirts, Optimized Aerodynamic Drive Wheel Fairings, Wheel Covers, Quarter Fenders w/ Aerodynamic Spoiler, Chassis Fairing Gap Filler Panel	Integral Roof Fairing w/ Extensions, 18" Side Extenders, Chassis Fairing w/ Rubber Skirts to Back of Side Extender, Front Wheel Close Out, Under Cab Aero Closeout, Front Bumper Air Dam w/ Seal, A-Pillar Fairing, Bridge Fairing	Many Aerodynamic Features Built into Cab-Wedge Shaped Cab, Raked and Curved Windshield, Angular Roofline, Side Deflectors and Aero Extender, Aerodynamic Bumper and Spoiler, Front Wheel Closeouts, Chassis Side Fairings w/ Ground Effects, FlowBelow Rear Fairings and Aerodynamic Wheel Covers,
MPG Package	Aerodynamic Package (Above), Bumper Effects, Chassis Skirts, Drive Wheel Fairings, Wheel Covers, Predictive Cruise		Integral Roof Fairing w/ Extensions, 18" Side Extensions, Chassis Fairing w/ Rubber Skirts to Back of Side Extender, Front Wheel Close Out, Under Cab Aero Closeout, Front Bumper Air Dam w/ Seal, A-Pillar Fairing, Bridge Fairing, Drive Wheel Fairings, Wheel Covers	

CAB DESIGN

KEY SPECS

AERODYNAMIC PACKAGES

VISIBILITY

GLASS



VISIBILITY	INTERNATIONAL LT CAB	FREIGHTLINER CASCADIA 126 CAB	PETERBILT 579 CAB	VOLVO VNL CAB
Driver Side Rear	128.1"	137.9"	129.2"	139"
Driver Side Forward	156.4"	162"	177.1"	163"
Forward Left Side	201.5"	238.1"	264.9"	226.6"
Forward Straight Ahead	272.9"	287"	312.7"	292.3"
Forward Over Center	294.7"	303.7"	338.4"	320.3"
Forward at Hood Corner	309.1"	322.7"	356"	314.1"
Forward Wiper	320.1"	352"	427"	396.5"
Forward Right Side	324.5"	383"	405.4"	382.7"
Passenger Side Forward	290.6"	328.8"	314"	322.8"
Passenger Side Rear	337"	372.5"	327.8"	376.4"

CAB DESIGN

KEY SPECS

AERODYNAMIC PACKAGES

VISIBILITY

GLASS



GLASS	INTERNATIONAL LT CAB GLASS	FREIGHTLINER CASCADIA 126 CAB GLASS	PETERBILT 579 CAB GLASS	VOLVO VNL CAB GLASS
Windshield Design	1-piece	1-piece	1-piece	1-piece
Windshield Installation	Bonded	Roped-in	Bonded	Bonded
Windshield Slope	63°	63°	64°	52°
Windshield Area	1,909 sq. in.	1,845 sq. in.	1,946 sq. in.	2,185 sq. in.
Wiper Coverage	1,193 sq. in.	1,261 sq. in.	1,343 sq. in.	1,658 sq. in.
Wiper Efficiency	62%	68%	69%	76%
Side Glass	1,144 sq. in.	1,264 sq. in.	1,232 sq. in.	1,204 sq. in.
Rear Glass	0 sq. in.	0 sq. in.	1,010 sq. in.	0 sq. in.
Total Glass	3,053 sq. in.	3,109 sq. in.	4,188 sq. in.	3,389 sq. in.



A COMFORTABLE
WORKING
ENVIRONMENT.

KEY FEATURES

- Premium gauge cluster features programmable digital display so drivers can choose the information that is important to them
- Diamond Elite trim level provides best-in-class comfort providing the ideal temperature, support, and seating for the most discerning drivers
- The comfortable and spacious Diamond Elite sleeper features easy to clean soft vinyl, innerspring lower mattress and all sleeper controls are positioned at the head of the bunk

ALWAYS TAKE CARE OF THE DRIVER.



SEAT OF POWER

A well-designed seat should help the driver stay fresh and alert. That's why the Diamond Elite seat in the LT Series has so many adjustments. It can now be tailored to suit drivers of all shapes and sizes, incorporating features normally only found in luxury automobiles.

Seat Cushion Adjustment

- Controls the bottom seat cushion length and tilt
- Helps accommodate drivers of all heights by distributing leg support

Fore/Aft Isolator & Adjustable Shock Absorber

- Sometimes known as a "chugger," the fore/aft isolator dampens the movement/jostling caused by various loads
- The adjustable shock absorber can vary the stiffness of the ride to match the road profile

Seat Length and Height Adjustment

- The height and length adjustment allows drivers to find the perfect driving position
- Pneumatic lumbar and side bolster supports
- The two-chamber lumbar adjustment is especially appreciated by drivers who spend long hours behind the wheel
- Pneumatic side bolsters provide additional upper body support and help the driver sit more upright

Seat Backrest and Armrest

- The adjustable backrest provides up to 52 degrees of range
- The armrest is designed to provide support for drivers of various sizes

Seat Climate Control

- Active seat ventilation helps keep drivers and passengers comfortable on a long drive in any weather
- Two fans draw fresh cabin air into the seats, allowing the air to circulate and keeping perspiration to a minimum
- A sensor is located in both the seat and backrest to ensure uniform temperature distribution

**56" LOW-ROOF**

Overhead Storage	Two Airline-Style Cabinets Standard, with an Option for Two Additional	Two Airline-Style Cabinets Standard, with an Option for Two Additional	Two Airline-Style Cabinets Standard, with an Option for Two Additional
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56" HI-RISE

Overhead Storage	Two or Four Compartments with Netting	Two Compartments with Netting or Doors	Two Compartments with Netting or Doors
Rear Wall Storage	Optional	Optional	Optional

SLEEPER FEATURES	CLASSIC	DIAMOND	DIAMOND ELITE
12-Volt Power Supply	Standard	Standard	Standard
Trim Panels	Easy-to-Clean, Soft Touch Vinyl Neutral Trim Panels	Easy-to-Clean, Soft Touch Vinyl with Mineral Grey Teak Accents	Easy-to-Clean, Soft Touch Vinyl with Satin Mahogany Accents
Headliner	Soft Vinyl	Soft Vinyl	Soft Vinyl
Sleeper Windows	Standard	Standard	Standard
Windshield Curtain	Optional	Optional	Optional
Sleeper Control Panel	Standard	Standard	Standard
Microwave Accommodation	Optional	Optional	Optional
TV Accommodation	Optional	Optional	Optional

73" HI-RISE

Overhead Storage	Optional Two or Four Compartments with Nets or Optional Doors	Optional Two or Four Compartments with Nets or Optional Doors	Optional Two or Four Compartments with Nets or Optional Doors
Rear Wall Storage	Optional	Standard	Standard
Driver Side Wardrobe	Standard, Optional Doors	Standard, Optional Doors	Standard, Optional Doors
Passenger Side Cabinets	Utility Cabinet, Lower Right Wardrobe Tower Cabinet, Dresser Cabinet, Refrigerator, Storage with or without Doors	Utility Cabinet, Lower Right Wardrobe Tower Cabinet, Dresser Cabinet, Refrigerator, Storage with or without Doors	Utility Cabinet, Lower Right Wardrobe Tower Cabinet, Dresser Cabinet, Refrigerator, Storage with or without Doors

73" SKY-RISE

Overhead Storage	Two Compartments with Nets	Two Compartments with Nets	Two Compartments with Nets
Rear Wall and Upper/Lower Storage	Standard	Standard	Standard
Driver Side Cabinets	Standard Lower and Upper Storage with Shelves, Nets or Optional Door	Standard Lower and Upper Storage with Shelves, Nets or Optional Door	Standard Lower and Upper Storage with Shelves, Nets or Optional Door
Passenger Side Wardrobe	Standard Cabinet Tower Wardrobe and Optional Door, Shelves and Net	Standard Cabinet Tower Wardrobe and Optional Door, Shelves and Net	Standard Cabinet Tower Wardrobe and Optional Door, Shelves and Net

CAB INTERIOR

INTERIOR DIMENSIONS

DRIVER ENVIRONMENT



INTERIOR DIMENSIONS		INTERNATIONAL LT INTERIOR DIMENSIONS	FREIGHTLINER CASCADIA 126 INTERIOR DIMENSIONS	PETERBILT 579 INTERIOR DIMENSIONS	VOLVO VNL INTERIOR DIMENSIONS
Cab Width at Shoulder Level		78"	86.25"	78.25"	81.5"
Cab Width at Hip Level		72.5"	76.5"	69.5"	72.5"
Fuel Pedal to Back of Cab				43.5"	
Floor to Roof at Seat Edge		52.75"	63.5"	59"	52.5"
Total Volume Cab				97.4 cu. ft.	
Door Opening Height		51.75"	52.5"	50.25"	51.25"
Door Opening Width		35.5"	34"	33.5"	34.25"
Door Opening Angle		63°	68°	68°	74°
Sleeper Width at Lower Bunk		88.5"	87.75"		84"
Back of Seat to Rear of Sleeper at Dash		65.5"	67.5"		68"
Fuel Pedal to Rear of Sleeper		109.75"	109.5"		113.25"
Sleeper Height at Bunk Edge		96"	97"		96.5"
Total Volume Cab and Sleeper		378.6 cu. ft.	410.2 cu. ft.		376.9 cu. ft.

CAB INTERIOR

INTERIOR DIMENSIONS

DRIVER ENVIRONMENT



DRIVER ENVIRONMENT		INTERNATIONAL LT INTERIOR	FREIGHTLINER CASCADIA 126 INTERIOR	PETERBILT 579 INTERIOR	VOLVO VNL INTERIOR
Belly Room		24"	23.75"	19.75"	22.15"
Leg Room		31.48"	29.18"	28.28"	28.82"
Head Room	Minimum			39"	
	Maximum			44.25"	
Sound Levels Interior	@idle	54.8 dB	61.2 dB	60.9 dB	58.1 dB
	750 rpm	58.5 dB	63.3 dB	61.4 dB	59.8 dB
	1000 rpm	60.7 dB	65.6 dB	60.5 dB	62.5 dB
	1500 rpm	66.7 dB	69.7 dB	67 dB	N/A
	Governed	75.7 dB	72.7 dB	70.4 dB	62.5 dB
Sound Levels Exterior	@idle	78.1 dB	80.1 dB	81.7 dB	82.6 dB
	750 rpm	82.5 dB	82.7 dB	81.7 dB	84 dB
	1000 rpm	85 dB	85.6 dB	84.2 dB	86 dB
	1500 rpm	91 dB	93.6 dB	92.3 dB	N/A
	Governed	97.4 dB	98.1 dB	96.2 dB	86 dB

WE WENT TO GREAT LENGTHS TO FIND DEFICIENCIES

Achieving the lofty efficiency goals meant our engineers needed to search for improvements in a variety of areas from the powertrain to aerodynamics. The combination of the cab airflow upgrades with the new International S13 Integrated Powertrain can achieve up to a 15% gain in fuel economy* over the popular first-generation International A26. This is one reason why the new LT Series equipped with the S13 Integrated Powertrain is expected to set a new standard for the industry.

*Comparing the fuel economy of the 2017 GHG International A26 engine in a 2017 International LT Series truck with aero package to the fuel economy of the new International S13 Integrated Powertrain in a 2024 International LT Series truck with the LT aero package and chassis enablers. Actual customer results may vary due to various factors, including but not limited to, truck specifications, weight of the vehicle, predictive features, environmental conditions, etc.



KEY FEATURES

- The longer 125" BBC hood better directs and smooths out airflow around the cab
- The front air dam design reduces drag by efficiently pushing air down, under, and around the truck
- An aero-enhanced 3-piece bumper and front wheel openings are contoured to minimize resistance
- Chassis skirts and cab closeouts have been enhanced to reduce aerodynamic drag

CHASSIS

IT ALL ADDS UP

- Pedestal mirrors reduce drag and wind noise
- The hood top and shoulder are redesigned to enhance airflow
- The longer 125" BBC hood better directs and smooths out airflow around the cab
- Aerodynamic fender shape optimizes airflow
- 25" cab extenders close the gap between cab and trailer to limit air turbulence
- An aero-enhanced 3-piece bumper and front wheel openings are contoured to minimize resistance
- Chassis skirts and cab closeouts have been enhanced to reduce aerodynamic drag
- The cooling module is sealed to smooth airflow under the hood
- The front air dam design reduces drag by efficiently pushing air down, under, and around the truck



BENDIX® WINGMAN® SYSTEMS

The optional Bendix® Wingman® Advanced™ and Bendix Wingman collision mitigation systems can greatly enhance operator safety. By integrating adaptive cruise control, lane departure warning, over-speed alert and stationary vehicle braking, these cutting-edge systems can help the driver potentially avoid a collision or help reduce its severity.

BENDIX® BLINDSPOTTER®

The optional Bendix® BlindSpotter® provides a 150° range of coverage, capable of detecting objects up to 20 feet in front of and 20 feet behind the BlindSpotter radar. The coverage zone extends up to 10 feet to the right of the vehicle. BlindSpotter minimizes false alerts by operating in two modes: highway speeds and lower speeds.

CHASSIS

FRAME

FUEL TANK CAPACITY

AXLES



FRAME

INTERNATIONAL LT | FRAME

FREIGHTLINER CASCADIA 126 |
FRAME

PETERBILT 579 | FRAME

VOLVO VNL | FRAME

Frame Rating (RBM)

1,491,600 - 2,037,600 lbs.

1,657,591 - 2,584,175 lbs.

1,776,000 - 2,683,000 lbs.

1,390,000 - 2,470,000 lbs.

CHASSIS

FRAME

FUEL TANK CAPACITY

AXLES



FUEL TANK CAPACITY

INTERNATIONAL LT | FRAME

FREIGHTLINER CASCADIA 126 |
FRAME

PETERBILT 579 | FRAME

VOLVO VNL | FRAME

Fuel Tank

70 - 280 gal.

60 - 300 gal.

50 - 300 gal.

75 - 300 gal.

DEF Tank

10.6, 15.9, 25.2 gal.

13, 23 gal.

8, 14, 20, 24, 27, 30 gal.

20, 28 gal.

CHASSIS

FRAME

FUEL TANK CAPACITY

AXLES

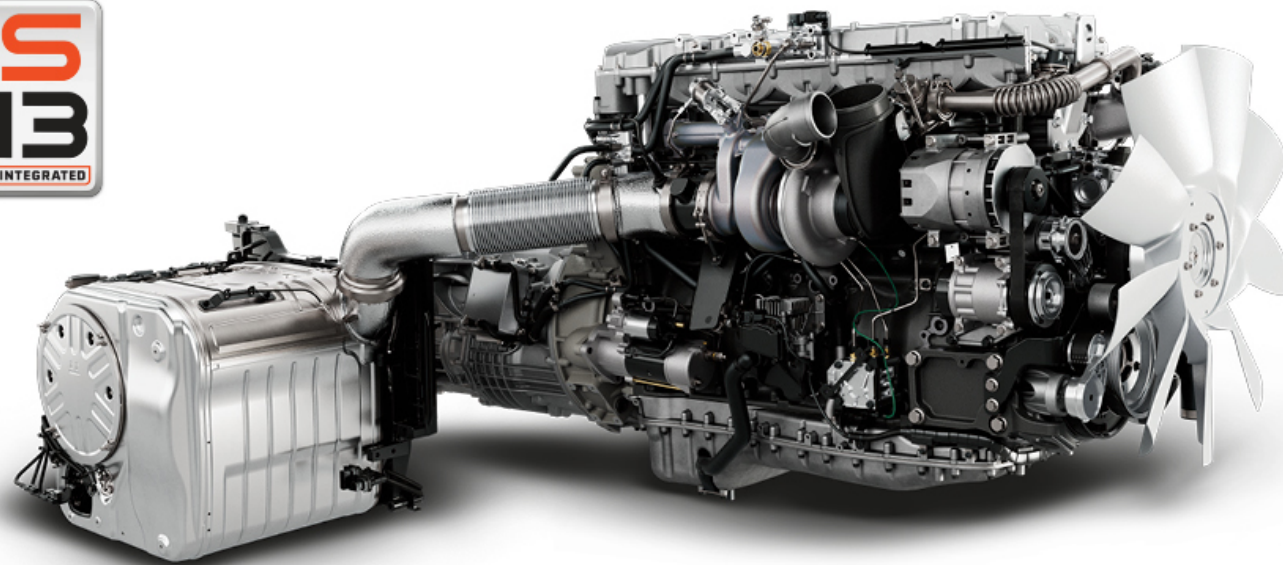


AXLES		INTERNATIONAL LT AXLE	FREIGHTLINER CASCADIA 126 AXLE	PETERBILT 579 AXLE	VOLVO VNL AXLE
Configurations	Set Forward	Not Available	Not Available	Not Available	Not Available
	Set Back	50"	52"	50.2"	53.8"

POWERFUL OPTIONS

The LT Series offers powertrain options that can suit your specific needs. Whether you choose the lightweight S13 Integrated Powertrain or the 15-liter Cummins X15, you will have all the muscle, performance and capability you need to get the job done.

POWERTRAIN



KEY FEATURES

- FEPTO, REPTO and dual transmission PTOs available with a variety of common interfaces
- Shift actuator packaging was designed specifically for automated functionality, allowing for more compact gearbox housing
- High temperature fasteners have a permanent coating on the exhaust manifolds, turbocharger, and heat shields to prevent seizing

S13 INTEGRATED

Engine type	Diesel, 4-cycle
Configuration	Inline 6-cylinder
Displacement	12.74L (777 cu. in.)
Bore & stroke	5.12 in. x 6.30 in. (126 mm & 166 mm)
Compression ratio	23:1
Aspiration	Fixed geometry turbocharger
Combustion system	1800 bar common rail
Engine lubrication	47.5 quarts (45L)
Total engine weight	2,284 lbs. (1,036 kg)
Valves	4 Valves per cylinder, dual overhead camshaft
B10 design life	1,200,000 mi (1,931,000 km)

INDUSTRY-LEADING ENGINE WARRANTY

Base engine	24 months; unlimited miles, unlimited hours*
Base major component	60 months; 500,000 miles
Base towing	24 months; unlimited miles, unlimited hours**
Optional engine	Up to 72 months, 600,000 miles
Optional major component	Up to 84 months, 700,000 miles

* Fire & rescue applications: 60 months/100,000 miles/unlimited hours

**Towing for vehicles with engine failures

TRANSMISSION, CLUTCH AND TRANSMISSION MOUNTED PTO BASE WARRANTY (INCLUDES TOWING)

Less than 52K rear axles rating:	3 years; unlimited miles
Greater than 52K rear axles rating:	2 years; unlimited miles

T14 GEAR RATIOS AVAILABLE

Gear	Ratio	Step	Gear	Ratio	Step	Gear	Ratio	Step
R6	4.59*	-	1	20.81	29%	8	3.53	29%
R5	5.91*	-	2	16.16	29%	9	2.77	29%
R4	7.61*	-	3	12.57	29%	10	2.15	29%
R3	9.81*	-	4	9.76	29%	11	1.66	29%
R2	12.60	-	5	7.56	29%	12	1.29	29%
R1	16.23	-	6	5.87	29%	13	1.00	29%
			7	4.55	29%	14	0.78	-

POWERTRAIN

CUMMINS X15 PROVEN MUSCLE FOR THE HEAVY HAUL



Engine type	Diesel, 4-cycle
Configuration	Inline 6-cylinder
Displacement	14.9L (912 cu. in.)
Bore & stroke	5.3 in. & 6.65 in. (137 mm & 169 mm)
Compression ratio	18.9:1
Aspiration	Variable geometry turbocharger
Combustion system	Direct injection CPI fuel system
Engine lubrication	56 Quarts (53L)
Total engine weight	2,961 lbs. (1,343 kg)
Valves	4 Valves per cylinder, single overhead camshaft
B10 design life	1,000,000 mi (1,609,000 km)

HP RATING	GOVERNED SPEED RPM	TORQUE RATING (lb-ft @ RPM)
430	2000	1650 @ 950
450	2000	1650 @ 950
450	2000	1750 @ 950
470	2000	1750 @ 950
500	2000	1850 @ 950
565	2000	1850 @ 1000
605	2000	1850 @ 1000
605	2000	2050 @ 1000
605	2100	1850 @ 1000
525	1900	1850 @ 1000
565	1900	1850 @ 1000
605	1900	2050 @ 1000

KEY FEATURES

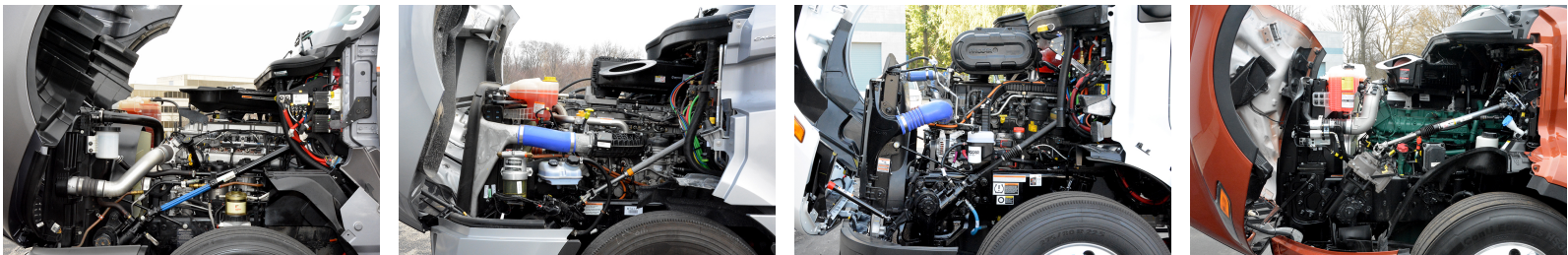
- The proprietary design of the VGT Turbo is stronger than previous designs and also includes an impeller for rapid boost and improved braking
- Single high-capacity ECM management of the engine and aftertreatment system provides exceptional performance and fuel efficiency
- A flow-through aftertreatment system design provides better heat management for improved efficiency and increased ash capacity for fewer cleanings

POWERTRAIN

ENGINE SPECS

TRANSMISSION

ROUTINE MAINTENANCE



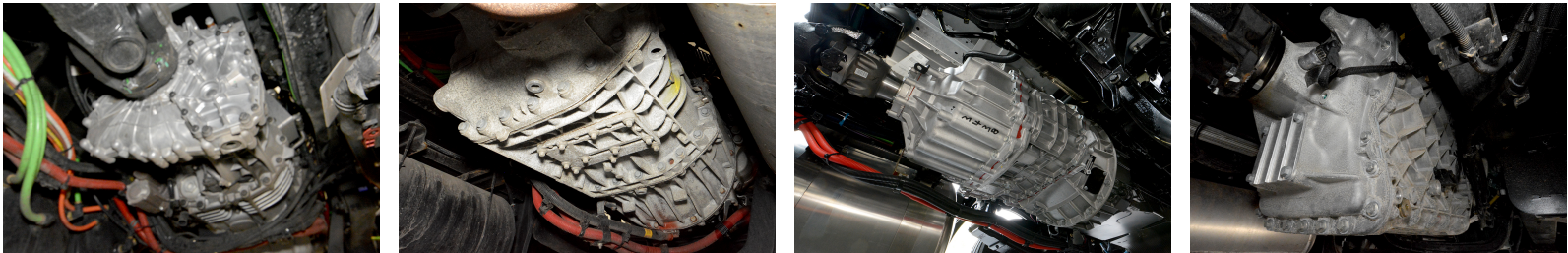
ENGINE SPECS	INTERNATIONAL LT ENGINE	FREIGHTLINER CASCADIA 126 ENGINE	PETERBILT 579 ENGINE	VOLVO VNL ENGINE
Engine	International S13 Cummins X15	Detroit DD13 Detroit DD15 Detroit DD16 Cummins X15	PACCAR PX-9 PACCAR MX-11 PACCAR MX-13 Cummins X12N Cummins X15	Volvo D13
Displacement	12.7L 14.9L	12.8L 14.8L 15.6L 14.9L	8.9L 10.8L 12.9L 11.9L 14.9L	12.8L
Horsepower	400 - 515 hp 400 - 565 hp	370 - 525 hp 425 - 505 hp 500 - 600 hp 400 - 605 hp	360 - 450 hp 355 - 445 hp 405 - 510 hp 320 - 400 hp 430 - 605 hp	400 - 500 hp
Torque	1,450 - 1,850 lb.-ft. 1,450 - 2,050 lb.-ft.	1,250 - 1,850 lb.-ft. 1,550 - 1,850 lb.-ft. 1,850 - 2,050 lb.-ft. 1,450 - 2,050 lb.-ft.	1,150 - 1,250 lb.-ft. 1,250 - 1,700 lb.-ft. 1,550 - 1,850 lb.-ft. 1,150 - 1,450 lb.-ft. 1,450 - 2,050 lb.-ft.	1,650 - 1,950 lb.-ft.
Warranty	2 years / Unlimited miles 2 years / 250,000 miles	2 years / Unlimited miles 2 years / Unlimited miles 2 years / Unlimited miles 2 years / 250,000 miles	2 years / 250,000 miles 2 years / 250,000 miles 2 years / 250,000 miles 2 years / 250,000 miles 2 years / 250,000 miles	2 years / 250,000 miles

POWERTRAIN

ENGINE SPECS

TRANSMISSION

ROUTINE MAINTENANCE



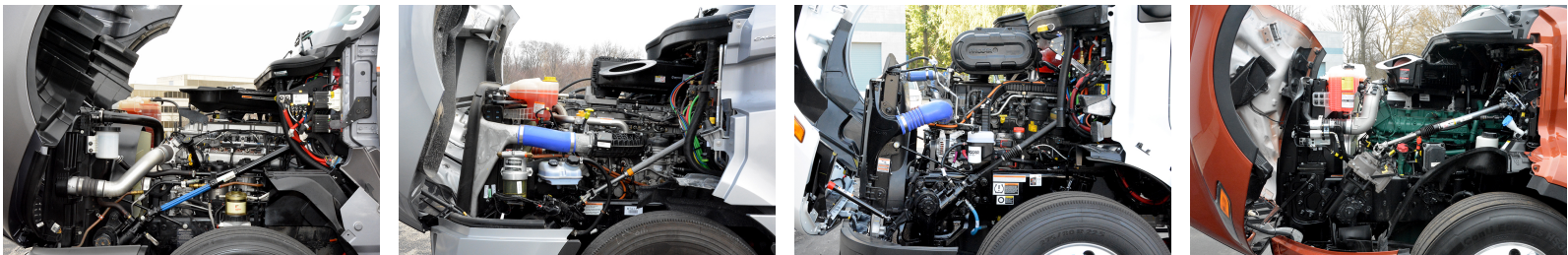
TRANSMISSION	INTERNATIONAL LT TRANSMISSION	FREIGHTLINER CASCADIA 126 TRANSMISSION	PETERBILT 579 TRANSMISSION	VOLVO VNL TRANSMISSION
Manual	Eaton Fuller: 10, 13, 18-speed	Eaton Fuller: 9, 10, 13, 18-speed	Eaton Fuller: 9, 10, 11, 13, 18-speed	Not Available
Automated	International T14: 14-speed, Eaton Cummins Endurant: 11, 12, 18-speed	Detroit DT12: 12-speed, Eaton Fuller UltraShift PLUS: 13, 18-speed, Eaton Fuller Advantage: 10-speed, Eaton Cummins Endurant: 11, 12-speed	Eaton Fuller UltraShift PLUS: 10, 11, 13, 18-speed, Eaton Fuller Advantage: 10-speed, Eaton Cummins Endurant: 12, 18-speed	Volvo I-Shift: 12, 13, 14-speed
Automatic	Not Available	Allison 3000, 4000: 6-speed	PACCAR TX-12, TX-18: 12, 18-speed	Not Available

POWERTRAIN

ENGINE SPECS

TRANSMISSION

ROUTINE MAINTENANCE



ROUTINE MAINTENANCE	INTERNATIONAL LT ENGINE	FREIGHTLINER CASCADIA 126 ENGINE	PETERBILT 579 ENGINE	VOLVO VNL ENGINE
Oil and Filter	70,000 miles 70,000 miles Up to 100,000 miles	35,000 - 65,000 miles 35,000 - 75,000 miles 35,000 - 55,000 miles 30,000 - 100,000 miles	Up to 50,000 miles 30,000 - 75,000 miles 30,000 - 75,000 miles 1,000 hours 30,000 - 100,000 miles	30,000 - 75,000 miles
Fuel Filter	70,000 miles 70,000 miles 25,000 - 75,000 miles	35,000 - 65,000 miles 35,000 - 75,000 miles 35,000 - 55,000 miles 25,000 - 75,000 miles	Up to 50,000 miles 30,000 - 75,000 miles 30,000 - 75,000 miles 1,000 hours 25,000 - 75,000 miles	30,000 - 75,000 miles
Coolant Filter	600,000 miles 280,000 miles Not Available	Not Available Not Available Not Available Not Available	Not Available 300,000 miles 300,000 miles 1,500 hours Not Available	150,000 miles
Hood Tilt Range	61°	68°	67°	62°



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