

V O L V O



VNL

Product Guide

Volvo Trucks. Driving Progress.





## Designed to change everything

It's easier to wait, to let someone else take the lead. But that's not us. At Volvo Trucks, we believe in innovation. Doing the right thing for the right reason. We see what needs to be done and we charge ahead.

For some, change can be scary. For those who lead, it's an invitation to drive progress. To sustainably shape the world we want to live in. When we look at the future of transportation and see an opportunity to be safer, more fuel efficient, and more driver focused—there's only one thing to do. Leap ahead and create the truck of tomorrow from the ground up.

The result is the all-new Volvo VNL. Totally re-imagined and improved in every aspect. Once again, changing everything.





# History is about to repeat itself

The first VN debuted in North America in 1996 and quickly turned the trucking industry on its head. Other truck makers took the next decade playing catchup to our innovations. The all-new Volvo VNL is filled with hundreds of next-generation features to improve your productivity and profitability.

**These highlights are just the beginning of how we are changing the industry again:**

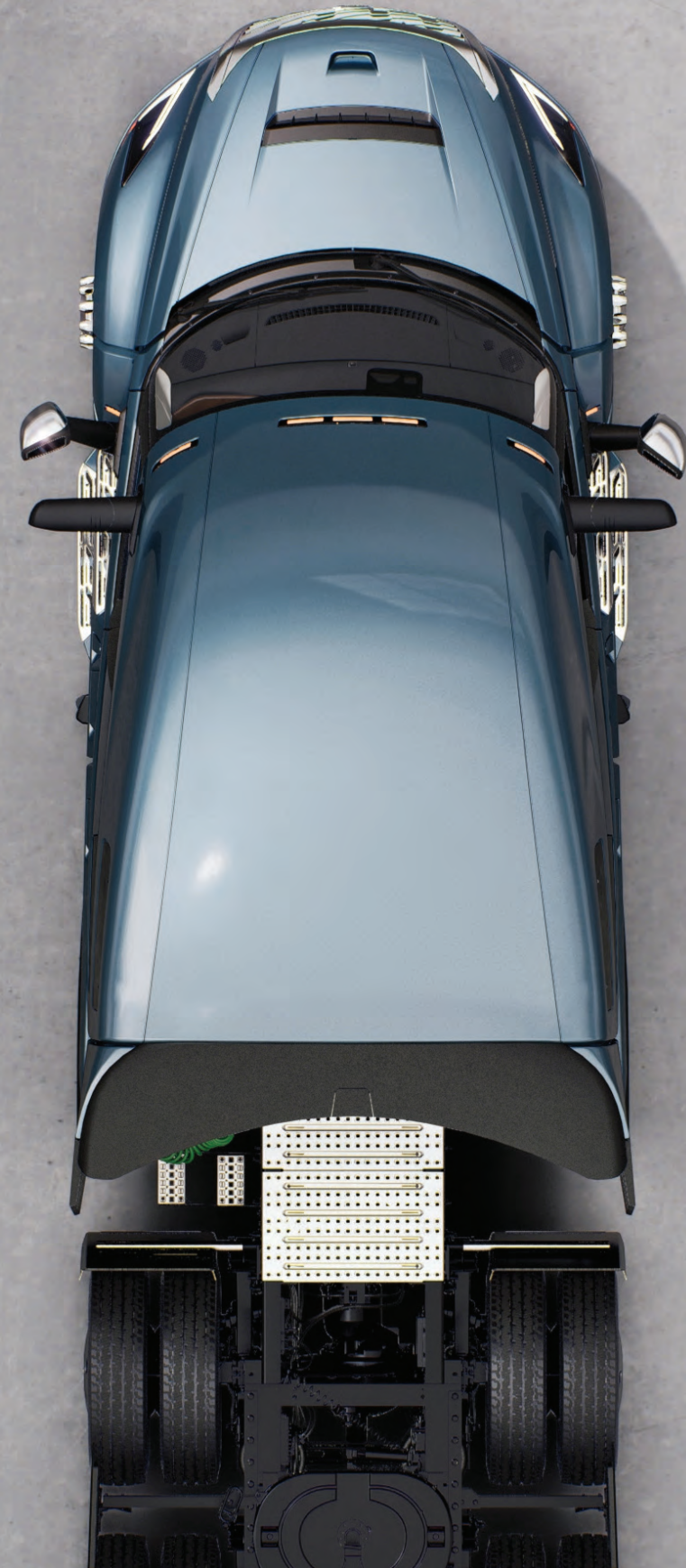
- Revolutionary aerodynamics and powertrain innovations that improve fuel efficiency by up to 10%
- Industry-leading connectivity that powers the new My Truck App and Volvo's e-call emergency response system
- The first of its kind, all-inclusive Volvo Blue Service Contract with predictive maintenance to improve uptime
- Interior and exterior design that stops you in your tracks, conveniently packaged into trim levels for easy decisions



# The wind doesn't stand a chance

Our most fuel-efficient VNL ever

You immediately notice the curved windshield and more angular profile. But that's just the beginning of the aerodynamic breakthroughs. Quickly, you'll realize that the shape of the next generation VNL is more than an evolution, it's a revolution. Reduced drag over the entire vehicle is one of the biggest reasons you'll see up to a 10% improvement in overall fuel efficiency versus our previous models.





## Pick what matters most

We've combined exterior and interior design choices in our new trim level options so it's easier than ever to get the truck you want. No need to spend hours checking individual specs and hoping your features match up. Every trim level comes standard with our best aerodynamic features as well.

Select your cab model. Pick a trim level. Choose a paint color. With just a few quick choices, you're guaranteed to get great styling in a VNL that's perfect for you.

To customize a truck for your operation, try the new [Volvo VNL configurator](#) or consult with your Volvo Trucks dealer.







**VNL 860**

The VNL 860, a premium full-roof sleeper with top-of-the-line features, is the flagship sleeper of the VNL line. Roomy and fully loaded, it's a truck to make drivers proud. This 74" sleeper accommodates our largest mattress for a great night's rest. Options include our reclining mattress or the versatile pull-down bunk with dinette work area.

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**VNL 660**

The full-height VNL 660 is poised to be a favorite of drivers and fleets alike. The 62" sleeper maximizes load capacity for general freight applications while offering a luxurious living environment. The VNL 660 is available with Volvo's exclusive reclining bunk with a convenient, stowable rear wall table. An upper bunk and plenty of upper storage space make team driving more comfortable during longer periods on the road.

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**VNL 300**

Our premium day cab is ideal for short-haul routes that cover both city and highway driving. The integrated roof fairing provides improved aerodynamics for general freight and refrigerated deliveries. Historically, the VNL day cab was preferred equipment for drivers in the National Truck Driving Championships thanks to its outstanding visibility and maneuverability. The new VNL 300 continues that legacy. It offers an amazingly tight turning radius, making it one of the most maneuverable full-length day cabs in the industry.

**VNL 840**

Our premium midroof sleeper is designed for maximum flexibility on long routes with varying loads. It's the perfect truck for drivers that have proven their worth. The VNL 840 is a 74" sleeper with a midroof design that's still tall enough to stand inside. It features improved insulation, airline-style window shades, and our updated cabin curtain to seal out light.

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**VNL 640**

Our mid-length midroof sleeper is perfect for long-haul applications that are weight conscious, like bulk and liquid tankers. The midroof design provides plenty of headroom in both the driving and living areas. The 62" sleeper area packs an impressive array of amenities, including an optional refrigerator and space for a microwave, as well as a full 39" wide standard twin mattress. The VNL 640 also features the same upgraded climate control panel found standard in our larger sleeper models.

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**VNL 440**

This highly-maneuverable midroof sleeper is designed to maximize comfort and fuel efficiency for runs that require just a few nights on the road. The design is spacious, enabling drivers to stand fully upright in the cab area. The sleeper provides efficient storage space and accommodates a 35" wide twin mattress to make hours of service compliance easier. The midroof features all the latest aerodynamic advances of the VNL series including a wedge-shaped hood, optional roof fairing, and standard cab side air deflectors with folding extenders for easy back of cab access.





ULTIMATE TRIM LEVEL

Don't just get there, arrive

When you want everything about your operation to say premium, go for our Ultimate trim level. Incredible attention to detail is apparent in each design choice, with high-end finishes inside and out. Sustainably-harvested, real wood trim, Sula Blue accents, optional carpets, and satin chrome catch the eye. So many premium features come standard with Ultimate, like push-button ignition, a convenient infotainment center, and a leather-wrapped steering wheel. Choosing the Ultimate trim package transforms your VNL from a workhorse to a thoroughbred.

Exterior design

A VNL in Ultimate is the perfect blend of art and engineering, with a premium chrome grille, center bumper, and air intakes. Cab mirrors, hood mirrors, and other accents complement the design with striking satin chrome.

Interior touches

For drivers, Ultimate is simply the best interior they'll ever step into. Open the door and be greeted with premium inserts, satin metallic handles, and woodgrain trim. Invigorating Sula Blue accents flow throughout the cab and a durable, soft-touch dash topper completes the look.







## EDGE BLACK TRIM LEVEL

# Make a statement

Stand out without saying a word.

A VNL in Edge Black trim is distinctive from any other truck on the road.

Striking, understated and powerful—Edge Black is unique.

The design starts with a high-end gloss black finish on the grille, bumpers, and mirrors. The theme continues on the outside with black trim for the chassis fairings and accents.

Inside, Edge Black features dynamic accents on the door panels, seats, and dash.





EDGE TRIM LEVEL

Time to step up

The Edge trim option offers design touches like Race Runner Green accents and brushed satin metallic trim. Edge comes standard with a host of popular features. You get all the amenities of our standard technology package plus upgrades such as dome lighting with dimmer control, premium audio, and an integrated parking heater.

Exterior design

The bold styling begins with a gloss black grille and a Satin Chrome surround. The bumper and air intakes continue the look. Cab mirrors, hood mirrors, and chassis fairings all provide a more upscale image in matching body color paint.

Interior touches

On the inside, Edge is dynamic. The dash and cabin are Fathom Blue with Brushed Satin Metallic trim. Race Runner Green accents provide highlights throughout the truck. The dash topper is soft-touch with a Gecko texture, while the arm rests are constructed with our comfortable soft-touch material as well.







## CORE TRIM LEVEL

## Ready for the grind

Our Core trim option is ideal for carriers with multiple drivers moving in and out of a truck cab. Choosing the Core trim level signals to your customers that they can expect hard work and dedication when you show up at the dock. The clean and durable design choices featured in our Core trim are sensible and straightforward. These trucks are made for high levels of wear and tear.



### Exterior design

Core is a practical and stylish choice with many exterior trim features that never require painting during repair or replacement. High-wear areas consist of highly durable polymer, mold-in-color components. So trim areas—like the chassis fairing, side bumpers, handles, and mirrors—last longer. It also means damaged parts can be replaced more quickly and at lower cost.

### Interior touches

Inside the cab, Core is more than ready for tough delivery routes. The neutral Fathom Blue and Logan Grey color scheme is easy to clean and hides the use that comes with multiple daily stops. Door panels, kick panels, and dash are all made of tough molded polymers. Core trim level comes with our standard technology package, but our upgraded technology package is also available.



## Step into your new office

For many truckers, driving isn't just a job, it's a calling. But no matter how much you love it, the job has a thousand ways to wear you down. For this VNL, we considered every one of them.

You'll appreciate the big changes, like advances in the front and rear suspension systems, providing our most comfortable ride ever. Improved Volvo Dynamic Steering enhances the VNL's legendary maneuverability. Volvo's parking cooler keeps the sleeper amazingly quiet and comfortable during off-duty hours.

And you'll like the little things too, like repositioned seat controls and an adjustable top bunk that rotates for better head clearance. Every improvement was made with one purpose, to make a driver's job a little easier.

Life behind the wheel is simply better in a VNL.



# A truck that’s a natural extension of you

As soon as you sit down and put your hands on the wheel, you’ll feel that seamless connection. Everything where you want it and how you need it. The instrument clusters are bright and easy to find. The displays are big and dynamic. Your most common functions are right there on the steering column.

Experience a suite of improvements that take truck driving to new places. Push-button ignition, key fobs to trigger approach lighting, improved pedal positions, a driver-side window pull-down sunshade, and an overall quieter cab. The seat, the wheel, the switches, even the cupholders are customizable. Decreased reaching and stretching reduces fatigue and improves the overall driving experience—because that’s how we designed it.



### Position perfect steering

Volvo was first to offer a steering column with three-way movement to let drivers position the steering wheel precisely where they are most comfortable. The latest version of Position Perfect Steering is easier to control. The customizable steering wheel position paired with Volvo Dynamic Steering improves driver comfort and reduces fatigue in the neck, shoulders, and back.



### Stalk-mounted shifting

Today’s drivers demand a more comfortable driving experience. Logical placement of controls and improved ergonomics are a must. So, we put gear shifting and gear selection right on the stalk. Acceleration, engine braking, and more are now at the driver’s fingertips. This intuitive placement decreases the need for reaching and reduces distractions while operating the vehicle.



### Remote and push-button ignition

Volvo is the first OEM to offer optional push-button ignition. A VNL equipped with push-button ignition can be started remotely via a key fob. In addition to starting the vehicle, drivers can begin warming or cooling the cab and activate external lighting with their fob to assist their pre-trip inspection process. Volvo’s parking cooler can also be activated from the fob without starting the engine.



### Driver Information Display and infotainment center

The cab includes two large, full-color screens, putting information at the driver’s fingertips. The twelve-inch Driver Information Display is located directly in front of the driver. Digital gauges, including I-Shift transmission oil levels and suspension loading are here to keep focus forward. The nine-inch infotainment center is found on the wraparound dash. Apple CarPlay and Android Auto compatible, it offers optional downloads for supported apps, ELD support, and an integrated driver’s manual. Navigation and backup camera views can be integrated with the infotainment center.



### Smooth and stable ride

The industry’s most comfortable ride gets even better thanks to redesigned cab suspension and rear suspension systems, which keep the cab level and more vibration-resistant. The improvements continue with new engine and cab mounts, a new front leaf spring, and an improved stabilizer bar. Eight airbags and more upright shocks also work to counteract frame lift and chassis movement. The final result is less road impact on the driver and our smoothest, quietest ride ever.



## Nothing compares

Drivers deserve the best. That was our guiding principle in designing the living environment of the new VNL series.

There are three distinct trim levels, each with an eye-catching design that complements the cabin's innovative use of space. The sleeper area is quieter, more comfortable, and packed with amenities.

There's plentiful storage that's efficient and convenient. Smart design creates clear sight lines throughout the unit, creating a feeling of spaciousness.

And whether it's the reclining bunk, the plentiful USB and 120V plug options, upgraded insulation, or the surprisingly quiet Volvo Parking Cooler, the space is filled with features that drivers will love.





**Fully-integrated controls**

The simple control panel in the living area provides complete accessibility—lighting, audio, door locks, alarms, battery controls, and HVAC. The fully-integrated panel is located within easy reach of the bunk so drivers can customize the environment to their liking. The VNL offers the most advanced climate control in the industry with the revolutionary Volvo Parking Cooler to handle warmer climates (learn more on opposite page) and three idle-free heater options to meet the varying needs of your VNL model and application.



**Sleeping area**

The VNL sleeper offers one of the industry’s largest mattresses, making quality sleep easier. Our reclining mattress, an industry-first, is available in most VNL models. The popular dinette option is still available thanks to our new versatile pulldown bunk design that secures against the back wall much like a murphy bed. This provides an incredibly large space for working or sitting. The upper bunk provides an extra sleeping area or additional storage thanks to the load-protection lip and cargo net.



**Telescopic ladder**

Space is always at a premium on the road. The telescopic ladder in our larger VNL sleepers gives you a perfect solution with safe, easy access to the upper bunk. Then you can easily store it away, for more usable space in the cabin. Using the ladder is simple. Just release the handle and pull the rungs down until they fully extend to the cab floor and lock into place.



**Cabinets**

Volvo has a well-earned reputation for spacious, smart storage solutions. This VNL continues the tradition with expanded storage in every VNL model, and an option for oversized refrigerators in our largest sleepers. The cabinets feature solid construction, high-end finishes and offer interior lighting options for select trim packages. Drivers will appreciate the latch system for secure storage and the convenient wardrobe unit tucked behind the driver seat.



**Curtain and shades**

VNL sleepers feature an overlapping curtain that virtually eliminates light in the cabin. The combination of curtain and airplane style window shades give the driver full control over their sleep environment. The sleeper curtain features a magnetic strip in the middle to provide easy access with the ability to completely seal out light. Sleeper curtains are also available with an optional thermal barrier for warmer or colder locations.

# Cool, calm, and collected

In another industry first, VNL models will now be available with the Volvo Parking Cooler, a fully integrated, battery-powered cooling system. It can run up to a full overnight without having to auto-start the engine for recharge, so there’s less noise and idling.

Lower fuel bills. Perfect temperatures. A much quieter cabin. The Volvo Parking Cooler makes it easier for drivers and fleet managers to sleep well.









# Keep it simple

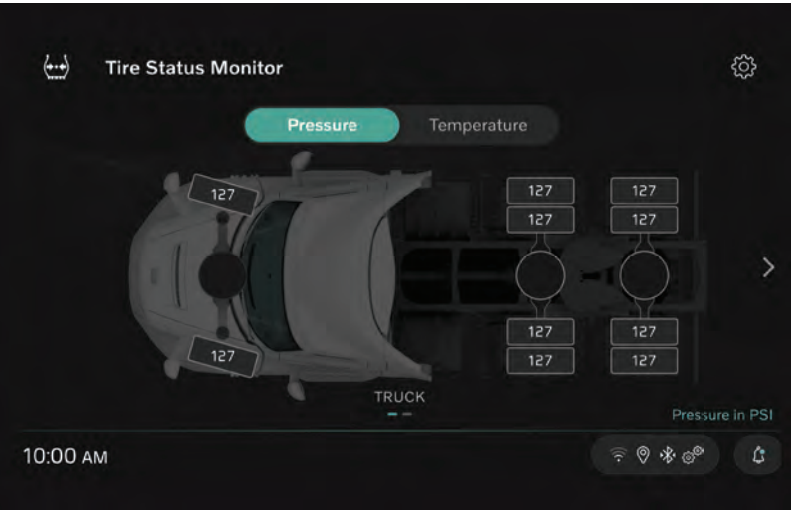
Whether it’s for pre-trip inspection or general maintenance, drivers love a truck that’s easy to work around. No heavy lifting, no brain teasers. Just simple operation that lets them quickly get back to logging miles. The VNL delivers in every way.

The electronic parking brake offers both auto-activate and auto-release functions. When the truck is out of gear and the door opens, a safety alarm sounds. If the driver still doesn’t set the brake, the auto-activate function will engage the parking brake. If the truck is placed in gear and the accelerator is pressed before the brake has been released, the auto-release function activates.

The chassis fairings are reliable and intuitive with a single, quick-release latch. It takes less effort to open and close the fairings for optimum access to the chassis. They’re also easier to securely fasten, reducing the chance of damage due to an unlocked fairing. We’ve optimized the fuel and DEF necks, bringing them closer together on the cab so they are easier to access during fill-ups.

Access has not been sacrificed for fuel efficiency. The back of the cab is much easier to work around thanks to the new foldable side fairing extender design and improved cable storage locations. Back of cab access and safety are improved with optional high-visibility grab handles and rigid steps.

Many pre-trip inspection steps can now be handled remotely or from inside the cab using the MyTruck app. This can dramatically decrease time spent walking around the vehicle in the elements (learn more on page 55).





## Fuel efficiency leaps ahead

Volvo Trucks is completely committed to helping you meet your goals for sustainability and fuel savings. In one of our most daring efforts to date, we've set a new standard for what a fuel-efficient truck looks like.

Nearly every design improvement on the VNL creates greater fuel efficiency, improved performance, and reduced emissions. It's a re-imagining of the truck's aerodynamics, powertrain, auxiliaries, and anti-idling technologies. Are we one step closer to being the most fuel-efficient diesel truck on the road?

In a word, yes.





# Streamlined, even when it’s standing still

The aerodynamic improvements alone on the new VNL series—perhaps its single biggest overhaul—will help you achieve significant increases in fuel efficiency. Our design innovations help deliver up to 10% improvement in fuel efficiency over our previous VNL model.

Let’s start at the front of the truck and dive into the hood. Behold an optimized wedge-shaped cab and shrink-wrapped hood. The wedge design creates more efficient air flow from the front of the hood to the end of the sleeper. You’ll discover that the hood has been pulled in a few inches, along with the grille. This provides a radiator opening that optimizes air flow for

engine cooling and diminishes drag. Our new aerodynamic windshield was designed with a sloped A-pillar and aggressive curvature to help reduce drag and ultimately maximize fuel efficiency. The windshield is bonded into the steel cab body for better rigidity and improved airflow over and around the cab, further increasing fuel savings.

### Contoured ingenuity, from bumper to fender

The VNL’s new aerodynamic bumper has a lower profile. The design guides airflow to balance aerodynamics and cooling. This lessens air turbulence, driving greater fuel efficiency without compromising stability. Look up and you’ll notice that we’ve also removed the exterior sun visor, optimizing airflow over the roof of the cab. Put simply, we conceived a bold aerodynamic strategy for the new VNL series and executed it with thoughtfulness and excellence.







## Own the wind

The newest evolution of our VNL line of trucks features intuitive modifications that allow drivers to conquer airflow and achieve greater fuel savings.



The shape and size of hood and door mirrors have been purposefully designed to maintain sight lines while minimizing resistance and maximizing airflow. A single-arm mirror improves aerodynamics by reducing turbulence and offering more smooth cab surface area for air to travel across. An updated mirror foot and cover design optimizes airflow from the windshield to the side of the cab. And a new door handle and recessed steps help reduce drag. This is a truck that moves forward in every sense of the word.

### Nothing to drag you down

Low ground effects, front wheel closeouts, and a reduced height front fender work together to lessen drag and increase fuel efficiency. New cab side fairing extensions along with side air deflectors and fixed roof extensions are yet another ingenious way to smoothly guide airflow from cab to trailer and improve overall aerodynamic performance.

We've improved on the FlowBelow Tractor AeroKit™ by offering new smooth, aerodynamic rear panels. Additionally, we tightened every joint tolerance on the bumper, hood, and cab, and minimized all trailer gaps to eke out even more performance.

### Bringing the outside in

In the near future you'll also have the option to fully replace side mirrors with aerodynamically-designed cameras with the soon-to-be-available Camera Monitoring System (CMS). The CMS reduces aerodynamic drag by replacing the classic side mirror view with intuitively-placed video monitors inside the cab.



# The right powertrain for you

Every generation of Volvo Power has been more functional, more efficient, and more groundbreaking than the last. And that’s true again with our latest powertrain advances.

But the key to great fuel efficiency has always been the same, choosing an engine and transmission that’s customized to your operations. We will always dig deep to understand your load, your route, and your operation. It’s how we can be sure that the powertrain and software settings in your VNL will provide the balance of performance and efficiency you demand.

**An engine family like no other**

Volvo’s family of engines takes a significant leap forward. The next-generation D13 engine recovers and harnesses lost energy, while featuring design enhancements that help you drive greater fuel savings. It’s available in five total ratings, starting at 405 HP. Two new ratings join the D13 family for the VNL: 500 HP/1850 lb-ft of torque and 500 HP/1950 lb-ft.

Powertrain enhancements create 20% of the VNL’s increase in overall fuel efficiency. Combustion improvements include a new variable-speed oil pump and a seven-wave piston design.

**The magic of I-Torque**

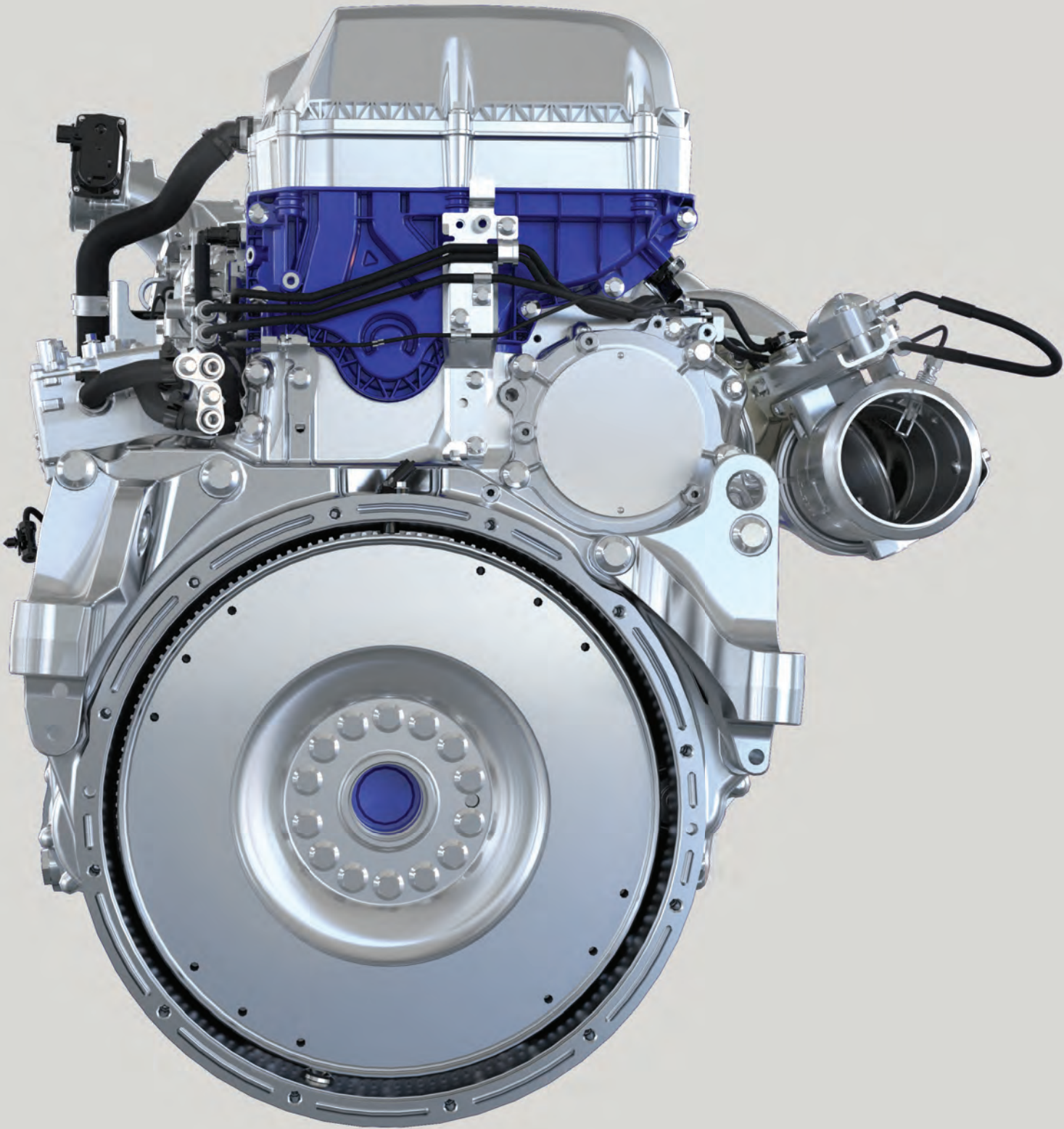
Volvo I-Torque is a unique powertrain solution enabling your VNL to operate optimally at higher road speeds. I-Torque maximizes the potential of both the D13 and Volvo I-Shift to achieve up

to 8.5 miles per gallon even at maximum road speeds, depending on roads and loads. I-Torque incorporates adaptive gear shifting, map-based predictive cruise control, superior startability, and exceptionally low rear axle ratios.

**A transmission in sync**

The next-generation I-Shift features upgraded electronics designed to improve gear shifting performance. A new clutch delivers greater durability. The new transmission oil level sensor broadcasts information to the instrument cluster, warning the driver if the transmission oil level is low.

I-Shift is also available with 13- and 14-speed options, enabling controlled forward and reverse when steep-grade startability and low-speed maneuverability are critical. It’s yet another way to conserve fuel and reduce environmental impact.







## Idling innovation

The new VNL delivers anti-idling technology that helps you conserve fuel and achieve longer battery life. You'll lower fuel consumption with our auto idle shutdown, which can activate in 5 minutes or less. The Volvo Parking Cooler's battery management system monitors power storage and automatically starts the engine when a recharge is needed.

On cooler nights, there's no need to idle. Two parking heater options are available to keep your VNL sleeper toasty without running the

engine. Our 2kW (7,500 BTUs) unit focuses specifically on warming the bunk area. The 6kW (20,500 BTUs) unit is designed for cold climates, circulating heat throughout the full cab area as well as around the engine.

There's also a heating option to reduce idling in the VNL 300 daycab. Our short-stop diesel-powered parking heater allows the driver to turn off the truck and provide heating for up to 30 minutes.



### Eco-roll

On a downhill grade, Eco-roll technology will disengage the driveline and let the truck roll for an optimal amount of time to help save energy.



### I-See mapping

Using pre-loaded map or cloud-based data, this technology can see and analyze upcoming road conditions to optimize gear, speed, and engine brake to save fuel.



### Adaptive Loading

After a truck unloads and weight adjusts, the forward axle lifts automatically with Adaptive Loading. This reduces rolling resistance, improves traction, and drives greater fuel efficiency.





# Safety drives everything

You don't become the brand known for safety by playing it safe. Safety is at the heart of every truck we build. The Volvo Active Safety Platform is our commitment to develop next-generation safety technologies that can help drivers prevent accidents before they occur.

The next-generation VNL comes with our standard safety package and can be upgraded with our optional advanced safety package that includes additional driver assistance features:

Volvo Active Driver Assist (VADA) Package Standard	Volvo Active Driver Assist + (VADA+) Advanced Package Optional
Long-range forward pedestrian detection	All standard VADA package elements plus:
Forward collision warning and mitigation	Volvo Dynamic Steering with oversteer guidance
Lane departure warning	Lane keep assist
Adaptive cruise control with Traffic Stop & Go	Pilot Assist with Auto Stop
Automatic emergency braking	Lane change support
	Side detection for pedestrians and road users (alert only)

Volvo Dynamic Steering may be added as an option on the standard VADA package



**Volvo Dynamic Steering (VDS)**  
When the Volvo Dynamic Steering option is added to the standard VADA package, VDS continuously assists drivers with proactive steering adjustments to keep the vehicle from leaving the lane. It also helps minimize mental and physical fatigue while delivering greater steering control in crosswinds, at low- or high-speeds, or in the event of a tire blowout. Volvo Dynamic Steering with oversteer guidance provides additional support to the driver to avoid rollover events. The new VNL also features cornering lamps

which are activated by steering input to increase visibility when entering and exiting a curve at low speeds.

**Driver protection gets even smarter**  
We recognize that unfortunately there will still be situations when accidents cannot be avoided. Therefore, our VNL is equipped with intelligent driver protection measures, including Volvo's new e-call and rollover protection actions like fuel supply cutoff and engine shutdown. These smart safety technologies are designed to reduce risk of serious injury in the event of an accident.

A High-Strength Steel (HSS) cab absorbs and deflects the energy of a crash. Advanced driver-side airbags come standard, while side curtain airbags are an available option. The impact-absorbing dash and steering column protect drivers' arms, legs, knees, and ankles. The engine and transmission are designed to drop down and away from the driver in the event of a frontal collision. These driver protection measures continue to meet and exceed the rigorous standards set forth by the Swedish Cab Safety Test.





# Can technology help you prevent an accident?

We think so.

Beyond a commitment to put the safest vehicles on the road, we are striving to give drivers the tools that help them avoid accidents before they occur. To that end, we have equipped the VNL with an impressive array of proprietary advanced driver assistance systems focused on helping drivers combat strain, fatigue, and distraction to reduce the risk of collision. The truck is highly engineered with enhanced stability technology, adaptive cruise control, Volvo Dynamic Steering with active lane keeping assist, and many more innovations drivers can use to reduce the risk of accidents, keeping them safe and on the road.

### Camera Systems

The VNL is designed to offer three camera systems: a back-up camera to assist during trailer connections, a multi-camera system for up to six customizable views, and our soon-to-be-available Camera Monitoring System that replaces traditional side mirrors.



### Intelligent lighting

Automatic high beams deliver optimal driver visibility. Cornering lamps provide additional lighting when entering or exiting curves at low speeds. It's like having an extra set of eyes when and where you need them.



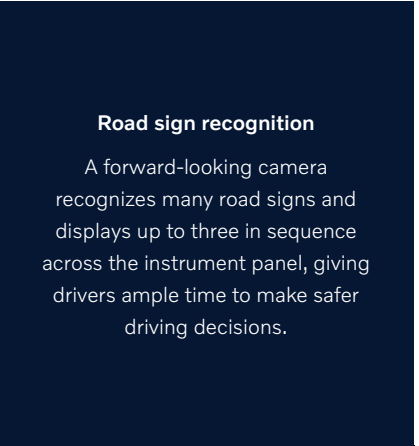
### Volvo Dynamic Steering (VDS)

Our next generation VDS automatically improves stability for crosswinds, highway crowning, soft shoulders, or emergency situations like tire failure. VDS with Oversteer Guidance can also assist the driver with rapid, minute adjustments to help prevent rollovers or jackknives.



### Road sign recognition

A forward-looking camera recognizes many road signs and displays up to three in sequence across the instrument panel, giving drivers ample time to make safer driving decisions.



### Side Collision Avoidance

Using a dual radar on each side of the truck, the system detects when other road users, like pedestrians or cyclists, enter the area. The system informs the driver via a solid light in the A-pillar or CMS and flashes with audible warnings if the turn signal is activated or the vehicle is turning.



### Lane Keep Assist

Optional Lane Keep Assist (LKA) gives a driver warning via sound and steering wheel vibration if the truck accidentally deviates from the lane. LKA is supplemented with Lane Centering and Lane Change Support alerts in the Volvo Active Driver Assist Plus package.





## Prepared for nearly every ‘what if?’

We go to great lengths to advance a zero-accident vision, yet recognize the need to protect drivers in the event of an accident. The VNL is reinforced with leading-edge and often Volvo-exclusive safety technologies.

Features like High-Strength Steel (HSS) cabs, an impact-absorbing dash, airbags, and more—that lessen crash energy, reduce injury risk, and help save lives. Our best-in-class innovations are rigorously tested to the highest safety standards and embody a bold vision of safety in the 21st century.

### Panoramic windshields

Designed with a unique slope and curvature, our new aerodynamic windshield provides drivers with a clear, unobstructed view of the road. Greater visibility gives drivers more time to react, further reducing risk of collision. The windshield design reduces glass shatter in the event of an accident and features a bonded installation.

### Rollover protection

When a rollover is detected, a series of automatic protection actions occur. Fuel supply cuts off and the engine shuts down. Doors unlock automatically after the vehicle comes to a complete stop. Hazard lights and the emergency parking brake are activated.

### New e-call

In an industry first, Volvo’s e-call is designed to make an automated call to the emergency services 911 operator if the truck has been in a rollover or had an airbag deployment. As long as cell coverage is available, e-call can automatically share that a collision has occurred along with location information. With an active SIM card in the Volvo Telematics Gateway, e-call can provide a call back number to the cab for emergency services. The system operates independent from the driver’s personal cell phone.



### Reinforced door hinges

Our strongest-in-industry door hinges can withstand even the most severe impact. The hinges and latches are designed to keep doors securely shut during a crash, but easily opened afterwards so drivers can safely exit.



### Driver- and passenger-side airbags

Volvo Trucks was the first manufacturer in the industry to offer driver airbags as standard protection during a collision. The steering wheel features an airbag as part of the Supplementary Restraint System (SRS) which can deploy in milliseconds. Optional passenger front airbags are also available.



### Smoke and CO detectors

Optional alarms can warn drivers when increased levels of smoke or carbon monoxide are detected and help reduce the risk of smoke inhalation. This is especially helpful when drivers are asleep in the cab.



### Three-point safety belts

In 1959, we invented the revolutionary 3-point safety belt, and it has been credited with saving more than one million lives. Today it is available in multiple colors to encourage usage and driver compliance.



### Side curtain airbags

In a first for Class 8 tractors in North America, optional integrated side curtain airbags are available in the new VNL. Curtain airbags are designed to engage at impact and cover the door and window for additional protection to driver and passenger during a rollover.



### Flared frame rail

Volvo’s unique design enables the engine and transmission to sit lower in the frame rail. Both are designed to drop to the ground in a frontal collision providing an added layer of driver protection.





# Ready when you are

Load and deliver. Load and deliver. Ultimately that’s what you want from the new VNL.

It’s why we build our trucks in New River Valley, Virginia to meet incredibly high quality standards, so they exceed your expectations for durability and dependability.

And it’s why we created a network of 400 Certified Uptime Dealerships and thousands of service locations across North America, so we are always there when you need us.

That way you can do what you do best. Load and deliver.



### Remote Diagnostics

Analysis of critical fault codes leads to immediate communication and recommendations. Average diagnostic times are reduced up to 70% and repair times more than 20%.



### Remote Programming

Remote programming allows over-the-air updates of software and parameters, so there’s no need to remove trucks from service. Updated trucks reduce unplanned stops by up to 25% and exhibit 50% fewer faults.



### Volvo ASIST

With ASIST, you have the power to monitor vehicle status, review estimates, issue purchase orders, approve repairs, and communicate directly with a dealer.



### Volvo Action Service

24/7 assistance in the US or Canada. One phone call connects you with highly-trained uptime experts to manage service, schedule repairs, and more.



## Service contracts

The best way to maximize your productivity is with a Volvo-service contract. Our new managed Volvo Blue contract, powered by adaptive maintenance, provides a host of fundamental service needs at a fixed monthly cost. A 74-point inspection and oil analysis, plus scheduled maintenance for engine, aftertreatment, transmission, axle, and chassis are just a sample of what you'll get with Volvo Blue. Select a Volvo service contract to simplify your maintenance schedule and budgeting. It's a great way to make sure your truck is ready for the job when you are.



## Always connected

This VNL is, hands-down, the most connected Class 8 truck in North America. Our connectivity solutions help customers lower their costs and improve productivity. Because the more you know about the vehicle, the better decisions you make.

### Everything you need, all in one place

One of our latest connectivity innovations is Volvo Connect. It's a simple, convenient home where you can connect to all critical aspects of your truck, whether you are an owner-operator or a fleet manager. One login, one holistic view. Volvo Connect is the interface for all your digital services from Volvo Trucks and your digital key to a more productive, more profitable business.





## Connected services



### Fleet Health Monitoring Dashboard

Customize your dashboard to view the last 24 hours of vehicle travel information with the integration of onboard data.



### Fuel economy reports

Identify trends and compare vehicles and routes to maximize profitability, including a view of current vehicle fuel levels.



### Safety reports

Critical data to support your driver coaching programs and compare performance across your fleet or industry wide. Quickly access safety-related event alerts by vehicle.



### Map location

Enjoy near real-time visualization for one or one thousand vehicles. Get insight into vehicle status and utilization to help maximize productivity.



### Partnered vendor solutions

By partnering with leading providers, we integrate smart technologies seamlessly into the VNL. Volvo works closely with industry leading fleet management providers.

## My Truck App

Volvo Trucks is proud to introduce another first in the industry. Now drivers have complete remote access to their VNL with My Truck App. View status reports and adjust settings from anywhere with a mobile device. Checking fuel, oil, and DEF can now be done remotely. Plus, drivers can turn on exterior lights and even set the cab temperature all before leaving home or in a rest stop. It means less time in the elements during pre-trip inspection. Less time outside the cab when you're parked at night or in unfamiliar areas.





**V O L V O**

Some vehicle options and services may not be available at time of introduction.  
Some vehicles shown with optional equipment. All specs current at time of publication release.  
Performance data based on engineering calculations and real-world data.

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