



Volvo Trucks. Driving Progress

VOLVO VNR SERIES

REGIONAL VERSATILITY—PREMIUM PRODUCTIVITY





SEE THE DIFFERENCE EVERY DIFFERENCE MAKES.



Fuel Efficiency:
Improving your bottom line.

Volvo maximizes fuel efficiency by bringing the right combination of solutions together to work in perfect harmony.

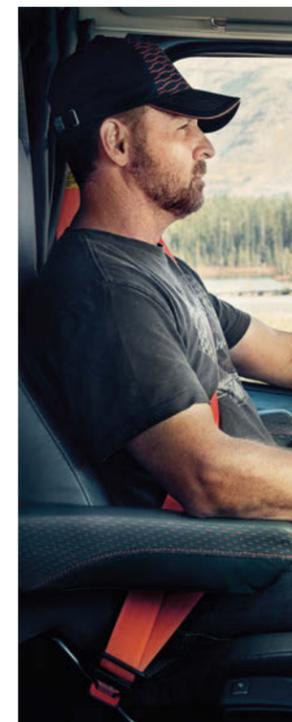
pg. **20**



Driver Productivity:
Designed to compete.

Precisely refined, the VNR's productive driving environment puts the driver comfortably in command.

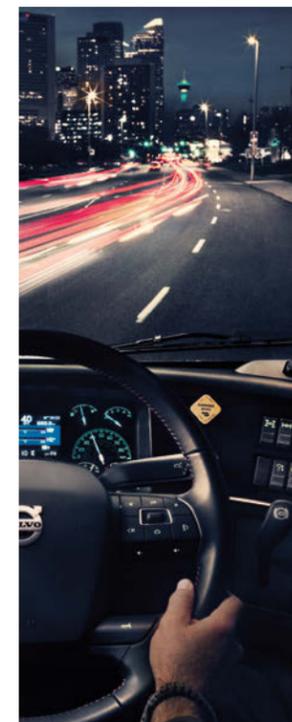
pg. **28**



Safety:
Leading-edge technology.

Advanced accident avoidance and driver protection systems ensure that Volvo trucks are the safest on the road.

pg. **36**



Uptime:
Confidence and control, customized.

Select from a suite of uptime products and services to keep your fleet running on schedule.

pg. **44**

The future of regional hauling.

The Volvo VNR represents the future of regional haul. This truck does not compromise, delivering productivity and efficiency with quality and long-haul amenities.

It features a dramatic new exterior that's impossible to ignore. Distinctive contours enhance airflow, while state-of-the-art LED lighting provides improved visibility and reduced maintenance. Inside, seating has been optimized to be even more ergonomic, while a new dashboard and steering wheel bring controls and information efficiently to the driver, minimizing distraction.

Fuel efficiency, driver productivity, safety, and uptime—it's everything you want in a regional haul tractor. In short, it's everything you'd expect from Volvo Trucks.



Ten reasons to love the Volvo VNR.



1. Forward collision warning.

A warning light flashes into the windshield to alert drivers prior to automatic braking being activated. Additional info on page 41.

2. Short, sloped hood and superior maneuverability.

The VNR's sloped hood optimizes visibility, while a BBC as short as 113" maximizes maneuverability. Read about it on page 13.

3. LED headlights.

All VNR models feature LED high/low beam headlights, plus LED turn, marker, and parking lamps. Learn more on page 38.

4. Volvo Active Driver Assist.

Able to control the truck's throttle and brakes, Volvo Active Driver Assist helps drivers maintain a safe following distance. Discover more on page 41.

5. Position Perfect™ steering wheel.

The VNR features a new three-motion tilt/telescope steering wheel that tilts in relation to the column. Learn more on page 31.

6. Redesigned dashboard.

A well-organized dashboard combines easy-to-read gauges, a five-inch color driver information display, and accessible controls. Additional info on page 31.

7. Upgraded interior.

The VNR driving environment has been refined to meet the needs of today's drivers. An optional built-in refrigerator under the passenger seat provides driver-accessible cold storage. Learn more on page 33.

8. Refined seating.

The Volvo VNR's seating benefits from refined design, placement, adjustment, and control access. Discover more on page 31.

9. Volvo I-Shift.

Volvo's automated manual I-Shift transmission reduces fatigue and keeps the driver focused on surrounding traffic. Read more about it on page 18.

10. Adaptive Loading.

A lift axle solution for 6x2 tractors, Adaptive Loading helps trucks run efficiently every mile of every haul. Additional info on page 24.

Not just workspace, a space that works.

The dashboard on the VNR has been optimized to reduce distraction by displaying the critical information a driver needs at a quick glance, and by grouping frequently used controls within easy reach.

A configurable, five-inch driver color display, with improved graphics, works with steering wheel-mounted controls to provide key operating parameters, as well as access to system settings and configurable diagnostic aids.

A dash-top tray with multiple connections provides a safe, convenient home for a driver's many gadgets, which can also be linked to an optional in-dash infotainment system.

Always in view, the instrument cluster's clean, symmetrical layout, and diffused, light-green backlighting makes it easy to read, reducing eyestrain and fatigue.

Learn more: USA: VNR.volvotrucks.us | CAN: VNR.volvotrucks.ca



Configurable LCD screen.

At the heart of the new and improved instrument cluster is a new color LCD display. A full five-inches wide, it can be configured to provide trip information, performance data, and a wide range of vehicle diagnostics.



Optional infotainment system.

The new infotainment system is optional in every VNR. It features a seven-inch color touch screen and an integrated premium audio system. Drivers can also choose to install navigation tools and a wide selection of third-party applications.





VNR 400
The efficient regional flat-roof sleeper.

VNR 640
Our premium regional midroof sleeper.

VNR 300
The productive urban daycab.

It's time to meet the family.

Regional and local hauling presents its own unique set of demands. The Volvo VNR is built purposefully to meet and exceed these exacting requirements.

A daycab model delivers the maximum in payload and maneuverability, while sleeper models add efficiently configured accommodations for regional routes that may require a night or two away from home. A flat-roof sleeper is perfect for flatbed and tanker applications, and the midroof sleeper offers extra room for multi-day runs.



How urban legends are born.

As the urban delivery market becomes increasingly competitive, you need a truck that's light on tare weight, not features. The cab of the VNR 300 brings precise refinement of the driving environment to a lightweight, efficient daycab. The cab interior is thoughtfully organized to keep daily-route drivers productive, comfortable, and happy.

An ergonomically optimized seating position is combined with a panoramic windshield and a short, sloped hood to provide a commanding view when navigating through congested city streets. With a wheel cut of up to 50 degrees and a BBC of just 113 inches, the VNR 300 delivers maximum maneuverability.



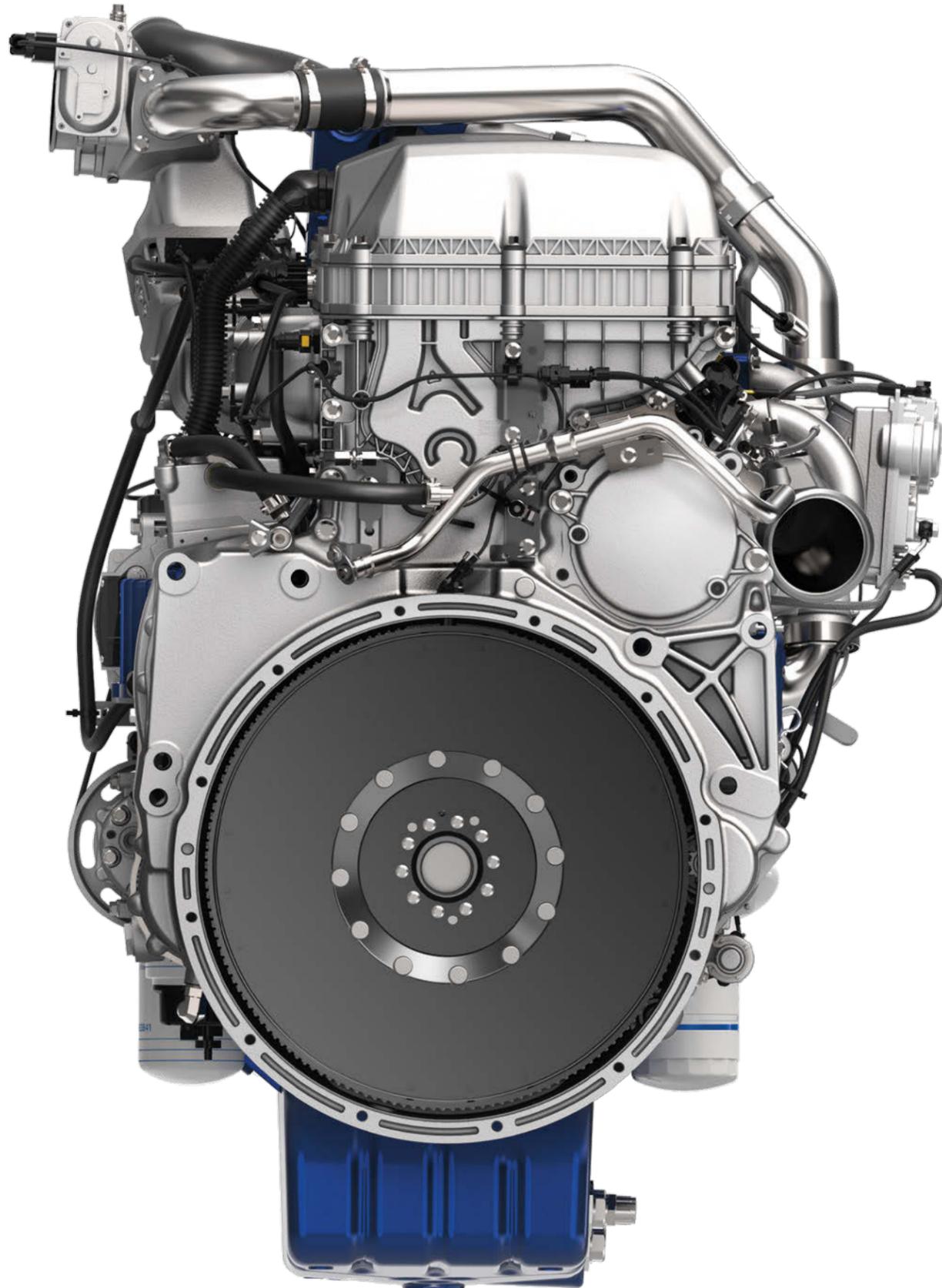
Efficiency— overnight or over the horizon.

Because regional routes often stretch beyond day's end, Volvo VNR sleepers are optimized for efficiency in a wide variety of applications, providing hours of service compliance and the rest your drivers need for another day on the job. The VNR 400 and 640 deliver superb comfort and versatility, without the expense of a long-haul sleeper.

With a 42-inch flat-roof sleeper, the VNR 400 is well-suited for overnight, regional bulk-haul applications where overall height is a consideration. By packaging an efficient sleeper into a compact BBC, the VNR 400 maintains maximum maneuverability for busy loading sites or industrial deliveries.

When home-time stops are fewer and farther between on your regional routes, the 61-inch midroof sleeper on the VNR 640 provides extra room for catching up on paperwork or relaxing, and ample storage to keep your living area organized. And with a short BBC, the VNR still maintains excellent maneuverability.





Performance runs in the family.

Volvo's 2017 family of engines is built on a foundation of proven, developed architecture that leverages innovative hardware to maximize performance and efficiency. Energy that is normally lost is recovered with standard features, including lower friction pistons that optimize cylinder efficiency. A standard common-rail fuel injection system now gets the most power out of every drop of fuel. Our reliable variable geometry turbocharger compresses and moves the intake air while providing the correct back pressure to drive the Exhaust Gas Recirculation (EGR) process. And reliability isn't sacrificed for greater efficiency. All Volvo D11 and D13 engines carry a B50 life of 1.2 million miles.



Volvo D11
325-425 hp, 1250-1550 lb-ft.

The Volvo D11 is a fuel-efficient, lightweight engine designed to improve reliability and minimize cost of operation. The D11 delivers performance competitive with larger engines, beginning at 325 hp and up to an impressive 425 hp at 1,550 lb-ft. torque. Ratings for eXceptional Efficiency (XE) and Eco-Torque are available. It's also a lighter solution for maximizing fuel efficiency in bulk, less-than-truckload, and distribution applications.



Volvo D13
375-500 hp, 1450-1850 lb-ft.

The Volvo D13's efficiency & power improve operating costs, while meeting 2017 GHG emissions standards. Twelve power ratings are available, from 375 to 500 hp.

XE, Eco-Torque, and Dual-Torque ratings provide "dual-personality" torque output for customers who desire the fuel economy of lower torque with the strong performance of higher torque.

An automated manual transmission with digital intelligence.

Volvo has made the industry's most advanced automated manual transmission even better. The latest edition of the Volvo I-Shift transmission includes upgraded hardware and software, greater durability, and a new countershaft brake for improved performance and smoother, faster shifting. The electronic control unit can handle any load and any road, shifting perfectly every time. We've also improved clutch durability and torsional dampening in both our D11 and D13 models. So I-Shift not only keeps fuel costs down, it can also help slow driveline wear, reduce noise and vibration, extend transmission life, and lower maintenance costs.

Whether your route includes rolling hills or steep mountain terrain, Volvo's I-See predictive cruise employs self-learning knowledge of road topography to work with I-Shift, helping your drivers optimize the truck's speed and gear shifting.



Makes every driver more fuel-efficient.

Our newest I-Shift makes drivers more productive, using intelligent electronics to continuously monitor grade, speed, weight, and engine load, shifting when necessary or holding a gear—whichever saves more fuel. So regardless of experience or training, I-Shift helps every driver become more fuel-efficient.

Eases your mind and your left foot.

Once you drive an I-Shift, you'll never want to deal with a clutch pedal again. I-Shift lets you concentrate on the task at hand—delivering freight—not on what gear you're in. It's easy to use and always ready with the right gear, so missed shifts and sore knees are a thing of the past. With I-Shift, just sit back, get comfortable, and concentrate on your driving.



Brains, brawn, and value.

With a D11 or D13 engine, Volvo's torque rating for I-Shift goes up to 1,900 lb-ft., so it's compatible with any Volvo engine you choose for the VNR. I-Shift can also increase your truck's resale value. If your Volvo truck was purchased with a lower engine power rating, a simple software flash can uprate it to the highest power rating for its displacement—without having to replace the transmission.

Design changes save fuel and time.

I-Shift's redesigned transmission cooler optimizes fluid temperature in cold and warm climates, improving fuel efficiency. Connections throughout the transmission are also upgraded for faster maintenance during service stops.

FUEL EFFICIENCY

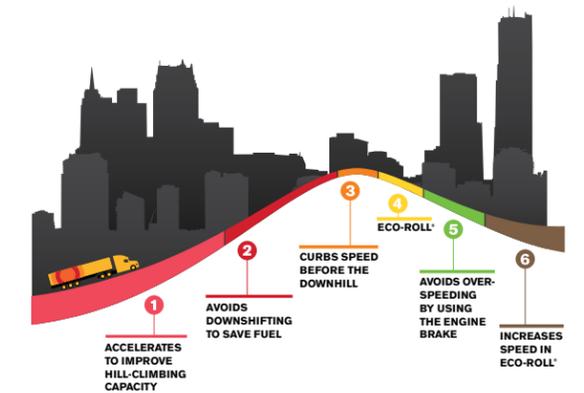


The path to efficiency is paved with innovation.

At Volvo, fuel efficiency is a vital part of our commitment to your business and ultimately to the planet we all share. That's why we're constantly challenging ourselves to find new and improved ways to make Volvo trucks the most fuel-efficient trucks on the road. Fuel efficiency is more than a single feature—it's a combination of customized solutions working together in perfect harmony to help you achieve the performance you want with the fuel savings you need. The result is fuel efficiency custom-built to cut your operating costs.

Now every road is worth remembering.

Combine the Volvo I-Shift transmission with an intelligent cruise control and you get I-See predictive cruise. It's a unique system that learns the topography of the road. Later on, it automatically uses its knowledge to save fuel when cruise control is engaged.



Uphill.

When I-See knows an uphill grade is coming, it increases speed in preparation. Once the climb begins, I-See uses its stored knowledge to avoid unnecessary downshifts toward the top. You approach the crest smoothly without wasting fuel in a lower gear at the top of the climb.

Downhill.

Just before the slope, I-See engages Eco-Roll,® which disengages the driveline and lets the truck roll for the optimum period before re-engaging the driveline. This saves energy and minimizes the need for braking. I-See also knows when the slope ends. So it can apply the engine brake gently in time, rather than abruptly at the end, or continue to gain momentum for an upcoming hill.

Learn more: USA: VNR.volvotrucks.us | CAN: VNR.volvotrucks.ca



Adaptive Loading.

A lift axle solution for 6x2 tractor configurations, Volvo's Adaptive Loading is designed to help trucks run at peak fuel efficiency and performance every mile of every haul. It senses weight differentiation and automatically lifts the axle to reduce friction and save fuel. Adaptive Loading also improves traction during lighter hauls, by transferring all weight to the rear axle of the vehicle. From a full load down to an empty trailer, this integrated and automated technology makes every driver a more efficient driver.



Common-rail fuel injection.

The unique design of Volvo's common-rail fuel system delivers multiple benefits. Finer control allows quicker, more accurate fuel injection for improved fuel efficiency; while a clean installation improves reliability and dramatically reduces engine noise.



Lower friction, wave piston design.

Improvements in surface finishing of the piston skirt area significantly reduce parasitic losses due to friction between the piston and the cylinder bore, benefiting both power output and fuel efficiency. Our patented wave design on the face of the piston increases cylinder efficiency by optimizing flame propagation toward the center of the cylinder for an ultra-clean burn.



One-box aftertreatment.

Volvo's "one-box" exhaust aftertreatment system offers smaller system packaging and reduces weight by 17 pounds compared to two-piece systems. The one-box configuration provides better thermal encasing of exhaust energy, and improves muffler efficiency. The use of Cu-Z (Copper Zeolite) catalyst coatings improves both low-temperature NOx conversion, and long-term system robustness. Diesel Exhaust Fluid (DEF) allows the engine to use less EGR, and maintain higher oxygen levels for better combustion.



Powerful and precise engine braking.

The intelligent Volvo Engine Brake (VEB) is an enhanced engine braking system that gives drivers precise control over engine braking, and saves the truck's brakes for when they're needed most. The D11 and D13 engines use a Variable Geometry Turbocharger (VGT), which "supercharges" the VEB system, thanks to intelligent software. The result is phenomenal retarding horsepower at low RPM, where the engine spends most of its time and where braking is needed most.

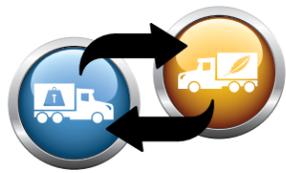
Extreme fuel efficiency. Great drivability.

The award-winning eXceptional Efficiency (XE) packages push Volvo's commitment to fuel efficiency and reliability even further.

XE isn't a single fuel-saving feature; it's a completely customized solution that perfectly matches your vehicle and powertrain settings to the needs of your business. It all starts with choosing the right Volvo engine and matching it with I-Shift. Then we help you choose the optimum efficiency package based on your application. Together, these factors can help you save up to an additional 0.2 mpg or more. That can mean savings of as much as \$2,000 per year, per truck.

You tell us what you haul and where you haul it, and we'll tell you how XE can help your trucks get the job done while helping your business save big on fuel.

Our XE packages get smarter every year. A customized XE package is now available for liquid tanker, flatbed, and bulk haul applications.



XE Adaptive Gearing.

The first drivetrain in the industry to use rear suspension load to change the driveline based on whether the vehicle is loaded or unloaded. It gives you two transmissions in one: the performance of a direct drive when loaded and a downspeeding overdrive when light.



A wider sweet spot.

In some applications, XE packages help you save fuel by widening the sweet spot rpm range of the engine. Traditional drivelines achieve peak fuel efficiency between 1300-1500 rpm. But through Volvo's use of downspeeding, XE widens the range to 1050-1500 rpm. For every 100 rpm of downspeeding, fuel efficiency is improved by approximately 1.5%. Since the Volvo XE13 package downspeeds the engine by 200 rpm or more, you'll realize a total fuel efficiency increase of up to 3%.



Choose your torque.

The latest XE13 package is now available with your choice of different engine torque management software. XE Economy lowers engine torque in the starting gears, maximizing tire and driveline reliability while providing ample power and torque to get the job done at cruise speed. XE High Torque allows maximum torque in all gears, for those who prefer a faster transition to cruise speed.



DRIVER PRODUCTIVITY



Designed with the driver in mind.

The revolutionary Volvo VNR meets the needs of drivers operating in today's competitive marketplace. Improved seating, instruments, and controls are designed to put the driver comfortably and safely in command.

Because every driver is one of a kind.

No two drivers are exactly alike, so we set out to design a steering solution that let's drivers set the ideal height and angle, no matter who's behind the wheel. The result is Volvo's new Position Perfect™ steering wheel. With a three-way neck tilt, drivers have an almost endless array of choices for positioning the wheel exactly where they prefer it.



Like riding on air.

Volvo cab air suspensions and outboard mounted air springs, shocks, and stabilizing rod help the VNR series give drivers a smooth ride.



Comfort comes standard.

To meet the comfort, health, and safety needs of today's drivers—and tomorrow's—VNR seating has been refined based on extensive ergonomic research. From smallest to largest, drivers will benefit from optimized seat placement, increased range of adjustment, and more accessible controls. Our optional built-in refrigerator feature under the passenger seat provides cold storage—accessible from driver seat—for snacks and drinks.



Critical data, clearly displayed.

A new, more symmetrical instrument cluster combines well-organized traditional gauge faces with a high-resolution, five-inch color LCD screen. The programmable LCD screen can be configured to display a wide range of vehicle data alerts and system settings.



System control, close at hand.

To keep the driver's hands on the wheel, multiple systems can be controlled through steering wheel-mounted switches. The touch-friendly switch layout enables cruise control, entertainment and other settings to be changed without diverting attention from the road. The steering wheel and controls are always close at hand, thanks to a new three-motion tilt/telescope Position Perfect™ wheel.



Easy in and out.

Doors are 3+ feet wide, 4+ feet high, and open a full 70 degrees for ease of access, and ergonomically placed grab handles prove the safest and most secure way in and way out of the cab.

Choose your style.

The VNR's thoughtfully configured interior lets you choose from three different trim levels, all developed to stand up to the rigors of regional transport operations, while bringing premium automotive-style colors and design into the driver's working and living environment. And each of these trim levels is available with a selection of seven complementary seat options.

Learn more: USA: VNR.volvotrucks.us | CAN: VNR.volvotrucks.ca



Fleet

The Fleet level trim package features a Heron vinyl headliner with a dot matrix pattern and complementary vinyl walls. The door panels are accented with durable Wren plastic inserts.



Express

The Express level package upgrades the headliner and walls with a Heron cloth finish. Door panels are accented with Wren vinyl inserts.



Premier

The Premier level trim upgrades the walls to a Longspur cloth with metallic accent. The door panels are completed with our finest Longspur vinyl insert.





To improve your sleep, we improved our sleeper.

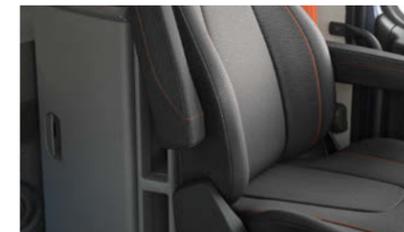
Volvo VNR sleepers offer premium touches that give drivers a comfortable place to relax and recharge when regional hauls require an overnight stop. With a 36-inch wide bed, both the 42-inch flat-roof VNR 400 sleeper and the 61-inch mid-roof VNR 640 sleeper provide ample room to rest.

A thick layer of insulation combined with some of the quietest running engines in the industry keep the cab comfortable and quiet whether you're down for an hour or for the night.



Don't get up.

The sleeper control panel can be used to lock the doors, adjust bunk heating and cooling, or set audio levels. Need assistance? Just press the "panic" button to call attention to your vehicle.



Snacks and refreshments.

The VNR 640's cabinets can be configured to include a refrigerator or a microwave, so a hot meal or a cold drink can be available any time.

A man with a beard, wearing a dark cap and a grey t-shirt, is driving a Volvo truck. He is looking out the window at a scenic landscape with mountains and a river. The word "SAFETY" is written in large, bold, white letters in the top left corner of the image.

SAFETY

Volvo is safety.

Since 1927, safety has been the guiding principle for everything we build. We invented the three-point safety belt and were the first to introduce it as a standard feature. We also introduced the driver-side airbag and are still the only truck manufacturer to include it standard in every vehicle we make. Building on this legacy, Volvo has upgraded to standard LED lighting, and now offers an optional integrated side-impact airbag for rollover protection, as well as a forward collision warning for emergency braking situations.

Volvo's commitment to safety protects your business by putting the well-being of drivers—your most valuable asset—first. Intelligent design that maximizes comfort and visibility combined with advanced safety technology helps drivers avoid or minimize accidents, keeping them safe while reducing cargo loss, downtime, and accident-related insurance costs.

Highlighting safety.

To improve visibility and reduce maintenance, Volvo employs LED bulbs for all exterior lighting. All models feature LED high/low beam headlights, as well as LED turn, marker, and parking lamps. The premium headlamp also features a “signature” LED daytime running light.

Volvo Enhanced Stability Technology (VEST).

By continually monitoring operating parameters, VEST detects imminent loss of control, jackknife, or rollover events. The system automatically reduces engine torque and selectively applies braking to help keep the truck on course.



Volvo I-Shift transmission.

I-Shift takes away the physical and mental demands of changing gears, which reduces driver fatigue and provides more time for the driver to give full attention to surrounding traffic.



Adaptive Loading.

Adaptive Loading features a basic traction mode that stabilizes your trailer during loading and unloading, and an enhanced traction mode that automatically provides unmatched traction on steep grades or in hazardous conditions.





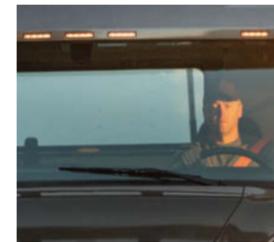
Volvo Active Driver Assist.

Volvo Active Driver Assist is in constant operation while the vehicle is in motion, providing stationary object detection with stationary vehicle braking, which sends audible and visual warnings if a non-moving, metallic object is detected in front of the truck. Braking assist will be applied—at speeds greater than 15 mph—when the system recognizes the stationary object as a vehicle, independent of whether cruise control is engaged. The driver will receive a warning up to 3.5 seconds before an imminent impact with the stationary vehicle, and, if no action is taken by the driver, Volvo Active Driver Assist will automatically engage the brakes.



Lane departure warning.

This safety system uses a windshield-mounted camera to track road markings. If the truck begins to drift, audio and visual alerts warn the driver to get back into the correct lane.

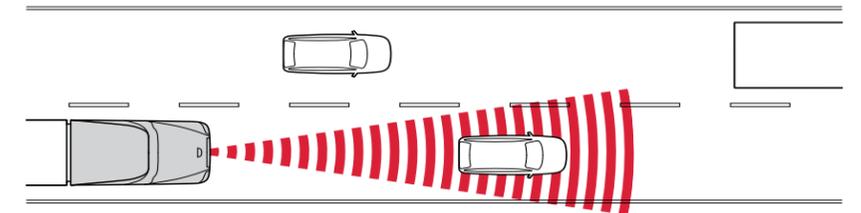


Data camera.

A windshield-mounted, wide-angle camera can be ordered as an option on the Volvo VNR. Relevant driver and vehicle performance data is collected by the camera when a trigger event occurs—such as excessive braking, lane changes without a turn signal, excessive curve speed, and extended loss of tracking. Video is captured for later download.

Forward collision warning.

Volvo now offers enhanced forward collision warning. A red light appears in the windshield to alert the driver if the vehicle sensors detect slower or stationary objects ahead and automatically apply emergency braking.



Leading-edge safety. Protecting your most important asset.



Volvo stays on the cutting edge of safety technology, ensuring that our trucks are the safest on the road. Built to exceed the demanding Swedish Cab Safety Test, our High-Strength Steel (HSS) cabs have the industry's highest strength-to-weight ratio, protecting the driver by absorbing as much crash energy as possible.

Volvo is the only Class 8 manufacturer to make a driver's side airbag standard equipment in every truck. For added rollover protection, Volvo offers the Rolltek® seat, combining seat belt pre-tensioners, automatic seat lowering to increase survival space, and an integral side airbag that deploys for head and neck protection.

Volvo combines advanced engineering with active and passive safety systems, exactly what you'd expect from the inventors of the three-point safety belt.





UPTIME

Ready for whatever lies ahead.

You know better than anyone that every second of uptime equates to increased revenue, productivity, and opportunities. That's why you need a transport solutions partner that offers innovative ideas to keep trucks on the road and money in your pocket.

Volvo Trucks Uptime Services is a unique suite of products and services designed to give you unprecedented control over fleet operations. Maximize uptime, increase maintenance efficiency, and protect your trucks with protection plans customized to your needs. Nothing can slow your business down when you know the road ahead.

Remote Diagnostics.



Remote Diagnostics can help avoid unexpected downtime by monitoring your Volvo engine, I-Shift, and aftertreatment 24/7. Standard in every Volvo-powered truck, Remote Diagnostics offers a range of unique benefits, including enhanced proactive diagnostics, detailed analysis of critical fault codes for repair planning, immediate communication if actions are required, and streamlined service procedures. It's a powerful service that reduces average diagnostic times by 70% and average repair times by 22%.

With a dedicated team of professionals available around the clock at Volvo's world-class Uptime Center in Greensboro, NC, Volvo goes beyond diagnostic technology to deliver actionable solutions.



Updates on the fly.

Volvo's new Remote Programming feature means you'll no longer have to take your vehicle out of service to perform software and parameter updates. In the new VNR, drivers simply pull over, connect to the Volvo Uptime Center, and the upgrade is done over the air in a matter of minutes.



The Volvo Uptime Center.

Real people. Real solutions. Real fast. The Volvo Uptime Center offers around-the-clock assistance anywhere in the United States and Canada. Within minutes, your driver is connected to a member of Volvo Action Service, a team of highly trained uptime experts who can quickly manage service, schedule repairs, and tackle any other issue that happens on the road.



ASIST service management platform.

Everything you need, all in one place. ASIST is a simple web-based tool that lets you monitor vehicle status, receive electronic estimates, approve repairs, issue purchase orders, and communicate directly with your dealer—regardless of your truck's location.



Premium Maintenance Plan.

For best results, plan ahead. Preventative maintenance plans improve vehicle uptime, increase productivity, and provide peace of mind by making sure all required maintenance is done efficiently and done right. Choose from a full menu of services and get access to Genuine Volvo Parts, warranty adjustments, service programs, and performance updates at pre-planned maintenance intervals.



Volvo Protection Plans.

The road can be unpredictable. Always know you're covered. Take the worry and stress out of unforeseen repairs and effectively manage costs over the life of your truck with an extended warranty through a Volvo Protection Plan. We offer a variety of plans covering the engine or chassis that can be customized to your needs—you choose the length and extent of coverage that best suits your specific application.

No matter where, we're there to support your business.

Our world-class dealer network means your trucks are never far from the quality care and maintenance you expect when you buy a Volvo truck. With more than 400 dealers and thousands of service locations across North America, Volvo Trucks Uptime Services help you through every step of a service event, and make sure your trucks stay where they belong—on the road.

Repairs are done fast and accurately by highly trained Volvo specialists. Our parts-expediting team locates the parts you need quickly—making sure they are there when you need them.

Your time means money, that's why Volvo Trucks Uptime Services saves you both.



Volvo Certified Uptime Centers.

Our Certified Uptime Center dealerships can expedite critical repairs. With the truck's remote diagnostic data already in hand, a technician can immediately diagnose the truck. If the repairs require less than four hours of service time, the truck is fast-tracked, with the goal of having it back on the road in 24 hours.



Choose your Volvo VNR.

Every business needs a truck tailored to its specific needs. That's why the Volvo VNR provides endless possibilities. With a wide range of cab sizes, powertrain choices, and interior trim levels, you'll find all the options you need. Your dealer will happily guide you in finding the perfect truck for your operation.

STEP 1:

Choose your cab.

Specifications and measurements for the daycab, flat-roof, and mid-roof sleepers.

STEP 2:

Choose your powertrain.

Two different engine and transmission choices with a wide variety of power ratings and gear ratios.

STEP 3:

Choose your interior.

A trio of trim-level options that make sure drivers are at home in the cab.



	<input type="checkbox"/> VNR 300	<input type="checkbox"/> VNR 400	<input type="checkbox"/> VNR 640
Description	Daycab designed to provide outstanding performance for urban deliveries.	Flat-roof sleeper designed for regional hauls requiring overnight rest to maintain hours of service compliance.	Spacious midroof sleeper designed for regional hauls requiring multiple overnight stays.
Applications	Short Haul/ Regional Haul	Short Haul/ Regional Haul	Short Haul/ Regional Haul
Cab Type	Daycab	42" Sleeper	61" Sleeper
Interior Height	61"	61.5"	76.5"
Interior Width	83.5" door to door	83.5" door to door with 79"x36" mattress	83.5" door to door with 79"x36" mattress
Wheelbase per axle configuration	138"-217" 4x2 150"-225" 6x4	173"-217" 4x2 174"-225" 6x4	193"-217" 4x2 191"-225" 6x4
Wheelbase: Alternate Configurations	146"-217" 6x2 Tag 195"-217" 6x2 Adaptive Loading	165"-217" 6x2 Tag 217"-232" 6x2 Adaptive Loading	179"-215" 6x2 Tag 224"-236" 6x2 Adaptive Loading

SPECIFICATIONS POWERTRAIN



STEP 2:

<input type="checkbox"/> VOLVO D11	<input type="checkbox"/> VOLVO D13
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Ratings:	325-425 hp / 1250-1550 lb-ft.	375-500 hp / 1450-1850 lb-ft.
Base Engine Configuration	4 cycle / Inline Six	4 cycle / Inline Six
Emissions	SCR Selective Catalytic Reduction	SCR Selective Catalytic Reduction
Aspiration	Sliding Nozzle Variable Geometry Turbocharger	Sliding Nozzle Variable Geometry Turbocharger
Cam / Valve Configuration	SOHC / 4 Valves per Cylinder	SOHC / 4 Valves per Cylinder
Cylinder Head	One Piece Rigid Deck Cylinder Head	One Piece Rigid Deck Cylinder Head
Injection System	Common-Rail	Common-Rail
Maximum Fuel Injection Pressure, psi (bar)	35,000 (2,400)	35,000 (2,400)
Rating Uprateability	Software Only, Throughout Range	Software Only, Throughout Range
Displacement, cu. in. (L)	661 (10.8)	780 (12.8)
Compression Ratio	17:1	17:1
Bore & Stroke, in. (mm)	4.84 x 5.98 (123 x 152)	5.16 x 6.22 (131 x 158)
Cylinder Spacing, in. (mm)	6.06 (154)	6.61 (168)
Full Dress Dry Weight, lb. (kg)	2259 (1025)	2605 (1182)
Fuel and Lubrication:		
Fuel Specification	Ultra Low Sulfur Diesel, 15 ppm	Ultra Low Sulfur Diesel, 15 ppm
Fuel Filters	Primary plus Secondary	Primary plus Secondary
Total Lube Oil Capacity, qts. (L)	38 (36)	38 (36)
Oil Filtration	Two Full Flow, One Bypass	Two Full Flow, One Bypass
Oil Drain Interval, Normal Service, miles (km)	55,000 (88,514)*	55,000 (88,514)*
Oil Specification	Volvo VDS-4.5, SAE 10W-30	Volvo VDS-4.5, SAE 10W-30
FLOCS Oil Drain Kit	Optional	Optional
Engine Equipment:		
Air Compressor, CFM	Two Cylinder, 31.8	Two Cylinder, 31.8
Retarder	Volvo Engine Brake (VEB)	Volvo Engine Brake (VEB)
Engine Brake Rating at 2200 rpm	420 hp @ 2200 rpm	500 hp @ 2200 rpm
Engine Brake Rating at 1500 rpm	266 hp @ 1500 rpm	350 hp @ 1500 rpm
Engine Brake Weight, lbs. (kg)	25 (12)	25 (12)
PTO Port for Live Rear PTO Pump or Shaft	Optional	Optional
Preheater, Electrical	Optional	Optional

* For applications at 6mpg or greater.



<input type="checkbox"/> VOLVO I-SHIFT I-SHIFT FOR SEVERE DUTY I-SHIFT WITH CRAWLER GEARS	<input type="checkbox"/> EATON FULLER 10, 13, 18	<input type="checkbox"/> ALLISON 5-6 SPEED AUTOMATIC
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Description	Automated Manual Transmission	Manual	Automatic
Dry Weight w/ clutch and oil cooler (lbs.)	720 or 805	541 to 716*	535 to 831
Max Torque Capacity (ft-lb) / NM()	1900 (2600)	1850 (2508)	1650 (2237)
Transmission Housing Body	Aluminum	Aluminum or Steel	Aluminum
Max Highway Weight (lbs)	160,000**	140,000**	Manufacturer approval required
Downhill economy mode	I-See	N/A	No
Software based upgrades available	Yes	No	Yes
Gear Ratios	14.94 to 41.08	14.80 to 19.72	N/A***
Forward Gears	12, 13 or 14	10, 13 or 18	5 or 6
Reverse Gears	2 to 6	2 to 4	1

* Without clutch housing and end yoke.

** Application approval required for higher GCW.

*** Torque converter.

SPECIFICATIONS INTERIOR

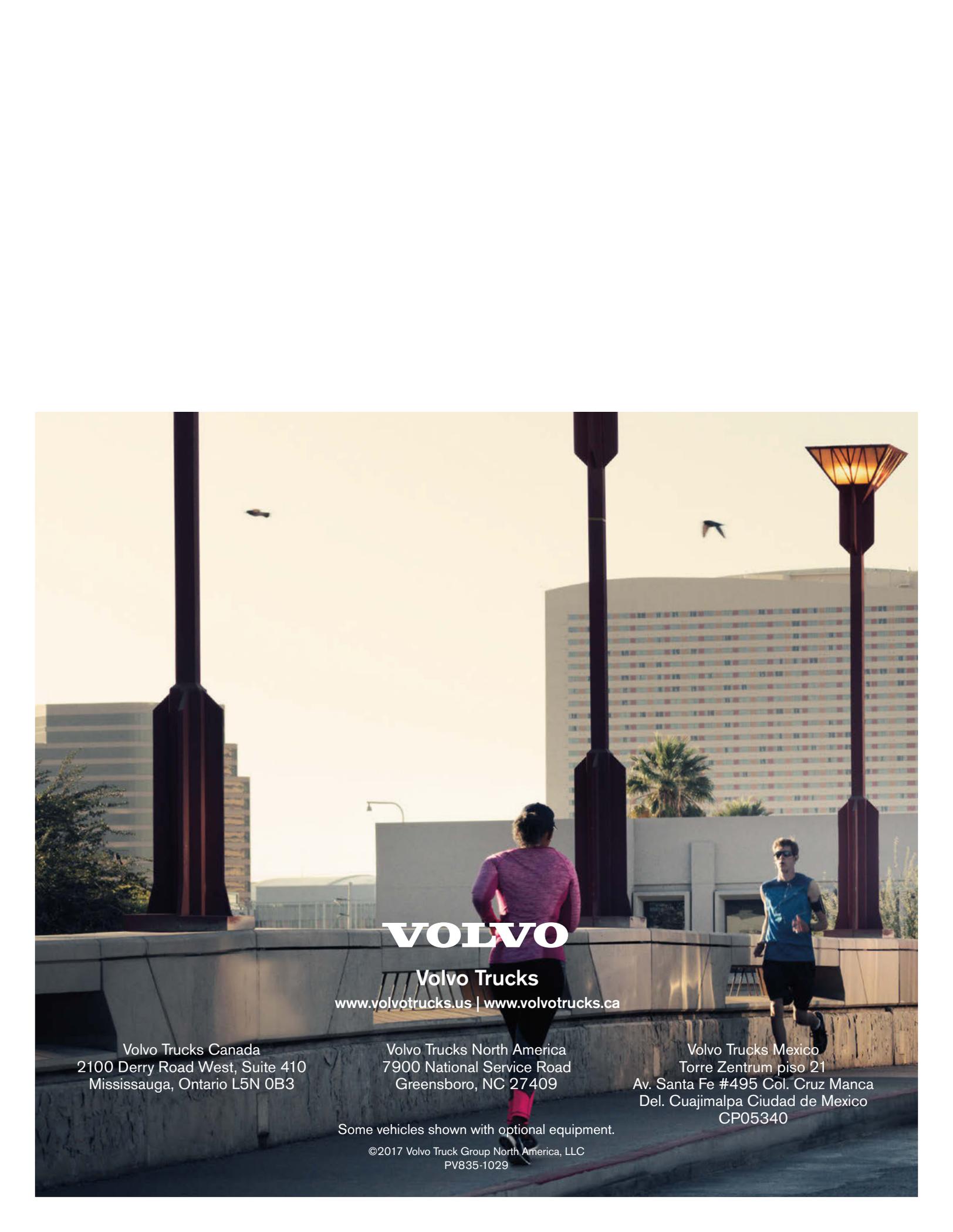


STEP 3:

FLEET TRIM LEVEL **EXPRESS TRIM LEVEL** **PREMIER TRIM LEVEL**

Description	Our Fleet Trim Level is designed for maximum durability to withstand the wear associated with high-use applications. The Fleet Trim level is available in all VNR models.	Express Trim Level features a Heron cloth finish throughout the cab, with touches of Wren vinyl for a more refined interior. The Express Trim Level is available exclusively in VNR 300 and 400 models.	The Premier Trim Level offers luxurious options in every corner, including Wood Grain trim for the dash and cabinetry. The Premier Trim Level is available exclusively in VNR 300 and 640 models.
Headliner	Heron Vinyl with Dot Matrix	Heron Cloth	Heron Cloth
Back Wall	Heron Vinyl	Heron Cloth	Longspur Cloth with Metallic Accent
Door Insert	Wren Molded Plastic	Wren Vinyl	Longspur Vinyl
Instrument Panel Decorative Trim	Hex Grain	Hex Grain	Wood Grain
Cabinet Trim	Hex Grain	Hex Grain	Wood Grain
Seat Options	Seven	Seven	Seven
Floor Insert Options	Two	Two	Two





VOLVO

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Some vehicles shown with optional equipment.

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PV835-1029