

V O L V O

Reducing emissions and operating costs

Idle Management



The all-new Volvo VNL series features our most effective idle management tools ever. These anti-idling technologies help reduce or eliminate many of the negative impacts of engine idling when your vehicle is stopped or parked. From improved cab insulation to lower rpm standard idle settings and a new, battery-powered HVAC option, our latest innovations can help lower emissions, reduce engine wear, and save money on fuel costs.

A new parking cooler

The most important addition to the VNL's idle management offerings is Volvo's new parking cooler. It's an integrated climate-control option that uses battery energy to power the cab's HVAC system when parked. The new offering can eliminate idling overnight for up to eight hours and is perfect for VNL sleeper models. Volvo's parking cooler is also quieter than many competitors' offerings because it features a chassis-mounted compressor, instead of placing the compressor on the cab itself.

The parking cooler offers automatic restart so that the batteries remain properly-charged, regardless of use. Our fully-integrated system requires minimal driver input. It can be controlled from either the driving or living

environment. Simply set the desired temperature at the beginning of an off-duty cycle and the system maintains the cabin settings until it's time to drive again.

Parking heaters

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 unit focuses specifically on warming the bunk area. The 6kW 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.

Benefits of Volvo Idle Management

- **Improved operating costs**
- **Reduced fuel consumption**
- **Decreased engine emissions**
- **Extended engine and battery life**
- **Compliance for all idling restrictions**

Volvo Trucks. Driving Progress.

V O L V O



The new VNL series features additional anti-idling technologies to improve fuel savings that go well beyond climate control.

Automatic restart

Because many of our anti-idling technologies depend on battery power, the new Volvo VNL comes equipped with an automatic restart that cranks the engine to maintain battery charge and promote longer battery life.

Five-minute idle shutdown

This feature saves fuel by automatically turning off the engine after five minutes of idling. A timer begins when the vehicle is stopped, has no engine load or active PTO. After five minutes, a stop engine request is sent to the energy management system.

Integral components of Volvo Idle Management technology:

- Lowest rpm idle setting ever offered from Volvo (550 standard idle and 500 eco-roll idle)
- Five-minute engine idle shutdown
- A new parking cooler for climate control when not driving
- Short-stop, diesel-powered parking heater for alternative warming in the VNL 300 daycab
- Idle stop/start feature to reduce idling at stop lights

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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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PV835-1208 01/2024