Vehicle Identification Number (VIN)

(Effective from September 2002)

The information in this bulletin applies to Volvo vehicles produced by Volvo Trucks North America, Inc. that are sold as **2002–2004 model year**.

The VIN is the legal identifier of the vehicle. The full 17–digit Vehicle Identification Number (VIN) is shown on the Vehicle Identification label located in the door opening on the driver’s side. The use of this number is very helpful when ordering parts for your vehicle.

For information on vehicles produced by Volvo Trucks North America, Inc. that were sold as **1996 model year and earlier**, refer to Service Information in TSI 000–600. For vehicles that were sold as **1997–1999 model year**, refer to Service Information in TSI 000–610.

**Contents**

- “VIN Location” page 2
- “Vehicle Identification Label” page 4
- “Certification Label” page 5
- “Vehicle Identification Numbering System” page 8
- “Data Plate Locations” page 10
- “VN Components” page 12
- “VHD Components” page 13
- “Model Designation” page 14
VIN Location

The 8-digit chassis number is stamped into the right-hand frame rail underside and the left-hand frame rail topside, 42 inches (1065 mm) back from the front edge of the frame rail.
Certification Label
Three labels are located in the rear inside frame of the
driver side door frame. These labels should not be
removed.

On the top part of the door frame is the Certification label
showing the axle and load ratings for the vehicle as it is
built. DO NOT exceed these ratings by overloading.

Vehicle Identification Label
The VIN is shown on the Vehicle Identification label. The
VIN includes the vehicle make, model series, weight
class, engine model, where the vehicle was built and the
vehicle serial number. This label also shows the truck
model designation, major component model and serial
number, cab model and serial number, cab and chassis
paint colors, and color numbers.

Note: To deter tampering with the original build
information, the information on the label will be destroyed
if the label is removed. If for any reason a label is
damaged, contact your authorized Volvo Truck dealer for
a replacement.

Noise Emission Control Label
The Noise Emission Control label is located at the bottom
of the three labels on the rear inside frame of the driver
side door. It is the Owner’s responsibility to maintain the
vehicle so that it conforms to EPA regulations.

Refer to the General information section of your Operator’s
Manual for a listing of what constitutes tampering with the
Noise Emissions Control. Read “Tampering with noise
Control System”.

Volvo Trucks North America, Inc.

Service Bulletin

Date Group No. Page
12.2003 000 112 3(14)
Vehicle Identification Label

The label shown to the right lists model and serial numbers from the major components in the vehicle. Also included are the names and codes for the paint used for the vehicle.

**Note:** Vehicles manufactured prior to Nov 22, 2000 may have VIN labels with a slightly different format.

For VN or VHD vehicles there is no separate cab serial number. The cab on the VN or VHD is always identified with the VIN as a cab serial number.
Certification Label

In addition to the serial number, this label shows the gross vehicle weight rating (GVWR) and the front and rear gross axle weight ratings (GAWR).

Gross vehicle weight (GVW) is the weight of the original equipped vehicle and all items added to it after it has left the factory. This would include bodies, winches, booms, etc., the driver and all occupants, plus the load the vehicle is carrying. The GVW must not exceed the total of the front and the rear axle weight ratings.

The vehicle certification label shows the tire size and recommended tire inflation pressures for the tires which are originally supplied with the vehicle. The tires on the vehicle must be of the proper size and must be properly inflated for the load being carried.

Incomplete Vehicle Document

This document is issued, together with a temporary certification label, in place of the final certification label if Volvo Trucks North America, Inc. does not complete building the vehicle but sends it to another manufacturer, for example a body builder, to have the vehicle completed. If several manufacturers are involved in the process of completing the vehicle, each manufacturer issues a temporary certification label that shows to what legal standard the vehicle currently conforms. The final manufacturer issues the permanent certification label.

If the vehicle is altered from its original build specifications, the certification label must be updated to reflect the changes.
Incomplete Information Label (CAN)

Complete Information Label (CAN)
Vehicle Identification Numbering System

Typical VIN #: 4 V 4 K C 9 J D 6 J N 1 2 3 4 5 6

VIN Digit
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17

- Country of Manufacture: 4 = United States
- Manufacturer: V = Volvo Trucks North America, Inc.
P.O. Box 26115 Greensboro, NC 27402-6115

Make/Type
1 = Volvo Complete LCOE
2 = Volvo Incomplete LCOE
4 = Volvo Complete CONV
5 = Volvo Incomplete CONV
J = Volvo Complete HCOE
K = Volvo Incomplete HCOE

Model
D = WX
E = WXRL
H = WXLL
K = VHD
M = VNM
N = VNL
2 = FM10

This digit is used by Volvo Trucks North America, Inc. for internal purposes only. It consists of alpha and numeric characters to denote the cab type.

This digit is used by Volvo Trucks North America, Inc. for internal purposes only. It consists of alpha and numeric characters to denote the axle configuration.

- Code Description Series
  - F = Cummins C8.3G
  - H = Volvo VE D7
  - G = Volvo VE D12
  - J = Cummins N14
  - P = Cummins M11
  - T = Cummins ISX
  - U = Cummins ISM
  - N = Cummins C8.3
  - L = Cummins ISL

Check Digit

Production Serial Number
N = New River Valley, VA.

Code Horserpower Range
D = 225-274
E = 275-324
F = 325-374
G = 375-424
H = 425-474
J = 525-574
K = 525-574
L = 575-625
M = 626-675

Model Year
Y = 2000
1 = 2001
2 = 2002
3 = 2003
4 = 2004
5 = 2005
6 = 2006
7 = 2007
Data Plate Locations

Engine
The Volvo D12D engine serial number is located on the rear left side of the cylinder block.

The serial number is also located on the certification label on the valve cover.

The Volvo D12C engine serial number is located on the rear left side of the cylinder block.

The serial number is also located on the certification label on the valve cover.

On Cummins engines, the serial number is located on a data plate on the timing gear housing in front of the air compressor.
Rear Axles
For Volvo rear axles, the axle model and serial number is located on the front left side of the forward drive axle and the front right side of the rear drive axle. It is also located on the front right side of the single axle.

On other rear axles, the serial number is usually found on a data plate on the bottom of the differential.

Front Axles
For Volvo front axles, there is no serial number, only a part number and manufacturing code toward the axle beam end.

On other front axles, the serial number is usually stamped into the axle at the front side of the beam or on a data plate on the middle of the beam.

Cab
VN and VHD cabs are not individually numbered and carry the same number as the VIN, as printed onto the Vehicle Identification sticker, located in the driver side door frame.
VN Components

Models Available:

<table>
<thead>
<tr>
<th>VNL42</th>
<th>VNL42T</th>
<th>VNM42</th>
<th>VNM42T</th>
<th>VNL64</th>
<th>VNL64T</th>
<th>VNM64</th>
<th>VNM64T</th>
</tr>
</thead>
</table>

Cabs Available:

| 200   | 300   | 430   | 630   | 670   | 780   |

Engines Available:

- Volvo: D12, D7
- Cummins: ISM, ISX, N14, C8.3G, M11

Transmissions Available:

- Fuller: 1100, 1200, 1300, 1400, 1500, 1600, 1800, 2000
- Meritor: 115, 125, 135, 145, 155, 165

Rear Axles Available:

- Single
  - Meritor: RS23-160, RS23-180
  - Eaton: 23090, 23105
- Tandem
  - Volvo: CTEV87
  - Meritor: RT40-140, RT40-160, RT46-160, MT40-140, MT40-940
  - Eaton: DS400, DD400, DSS40, DDS40

Front Axles Available:

- Volvo: VF14
- Meritor: FF960, FF980, FG940
VHD Components

Models Available:
- VHD42F
- VHD62F
- VHD64F
- VHD84F
- VHD104F
- VHD124F
- VHD42B
- VHD62B
- VHD64B
- VHD84B
- VHD104B
- VHD124B
- VHD64FT
- VHD84FT
- VHD64BT
- VHD84BT

Cab Available:
- 200

Engines Available:
- Volvo D12 D7
- Cummins ISM ISL

Transmissions Available:
- Allison MD-3060 MD-3560 HD-4060 HD-4560
- Fuller 900 1100 1200 1300 1400 1500 1600 1800 2000

Rear Axles Available:
Single
- Eaton 23090 23105 26105 30105

Tandem
- Volvo CTEV87 RT2610HV RT3210HV
- Eaton DS40 DD40 DDS40 DSH44 DDH4 DS46 DD46

Front Axles Available:
- Meritor FG940 FL940
Model Designation

How to Read a Base Model Designation

1. **V** Volvo VN and VHD Series
2. **W** Volvo
3. **HD** Conventional Construction
   - **N** Conventional Long-Haul
   - **X** Xpeditor
   - **AH** Autohauler
4. **L** Long BBC
   - **M** Medium BBC
   - **LL** Low Entry Cab
   - **R** Right Hand Drive Only
5. **F** Axle-Forward (only)
   - **B** Axle-Back (only)
6. **T** Tractor
   - **Blank** Truck
7. **42** 4x2/Single Drive Axle
   - **62** 6x2/Single Drive Axle
   - **64** 6x4/Tandem Drive Axle
   - **84** 8x4/Tandem Drive Axle with One Auxiliary Axle or Two Front Axles
   - **104** 10x4/Tandem Drive Two Auxiliary Axles
   - **124** 12x4/Tandem Drive Three Auxiliary Axles
8. **200** Day Cab
   - **430** 42” VN Sleeper
   - **630** 61” VN Walk-In Sleeper
   - **670** 66” VN Walk-In Sleeper with High Roof
   - **780** 77” VN Walk-In Sleeper with High Roof