

Uncontrolled Copy

ID # CBR-939

Version 5

Title

Volvo Chassis - Equipped With Volvo Active Driver Assist (VADA), With Or Without Lane Departure Warning (LDWS) - Diagnostic Trouble Code (DTC) SPN 516103 FMI 19, Bendix Code 167 With Possible "Lane Departure Warning Malfunction" Message - US17

Abstract

Volvo Chassis equipped with Volvo Active Driver Assist may display DTC / Fault code SPN 516103 FMI 19 on Premium Tech Tool (PTT) or J-Pro, and code 167 in Bendix ACOM software.

Content

Published 6 May 2025

Valid For

Volvo - VNL,VNR,VAH - Model Year 2017 and newer

Overview

Certain Volvo chassis equipped with VADA may log DTC / Fault code SPN 516103 FMI 19. This fault will appear as Code 167 when checked with the FLC20 module of Bendix ACOM software. The fault may be present in chassis with or without a Lane Departure Warning System. A "Lane Departure Warning Malfunction" alert may also be present in the Driver Information Display (DID). It has been determined that a software update to the Forward Looking Camera (FLC20) module via the ACOM software will correct the issue.

Repair

1. Access Truck Dealer Portal.

2. Click on information tab.

The screenshot displays the Volvo Trucks Dealer Portal interface. On the left, a sidebar contains the following menu items: "Volvo Trucks Dealer Portal", "Information" (highlighted with a red box and a red arrow), "Events", "Forms", "Contact Us", and "Applications". The main content area features a large banner titled "WELCOME TO THE ALL-NEW VOLVO VNR CURRICULUM". The banner text reads: "These courses will help you prepare to present the value of this exciting new model to your customers. Your journey begins with the 500958: All-new Volvo VNR: Product Overview course. Once completed, you'll move on to 500959: All-new Volvo VNR: Selling in the Regional Haul Market to learn how the all-new VNR meets the demands for this market and its customers." Below the text is a blue button labeled "Click to Access Curriculum" with an external link icon. At the bottom of the main area, there is a "News" section with a "Topics" dropdown menu and a date "2025-05-05". A news headline reads "All-New Volvo VNL Vehicle Handover Kits Now". On the right side, there is a "My Appli" section with a search bar, a "All" button, and a globe icon labeled "ASI San".

3. Click on service tab, click software downloads tab.

VOLVO TRUCKS DEALER PORTAL

United States

Volvo Trucks Dealer Portal

Information

Bulletins

Buses

Dealer Administration

Information Technology & Guidelines

Leasing & Rental

Parts

Service

Certified Uptime Dealers

Electric Vehicles

Essential Tool Program

Recalls

Service Incentive Program

Service Literature

Software Downloads

Tech Support

ALL-NEW VOLVO VNL PACKAGING WEBINAR - RECORDED

As a refresher, Chris Stadler and Deitra Dobbins go through trim levels, packages and other options on the Truck Configurator.

Click Here to Watch

News

Topics

2025-05-05

All-New Volvo VNL Vehicle Handover Kits Now

My Appli

Search

All

ASI

4.Click and download FLR20 BX160802 Download v.1.0.0.4

Live UI

https://volvo-trkna-prod1.pegacloud.net/prweb/PRAuth/app/VolvoKM/8ArYedXAbJ8Ah7TyziTZDNcbINKIj7CXNfiib1A0TL8*!/TABTHREAD1?pyActivity=... 3/7

VOLVO TRUCKS DEALER PORTAL United States

- Parts
- Service
 - Certified Uptime Dealers
 - Electric Vehicles
 - Essential Tool Program
 - Recalls
 - Service Incentive Program
 - Service Literature
 - Software Downloads**
 - Tech Support
 - Services and Solutions
 - Training
 - Truck Sales
 - Warranty
 - Used Trucks
 - Events
 - Forms

[Noregon DLA 2.0](#)
[Noregon DLA 2.0 Wireless](#)
[Noregon DLA](#)
[Noregon DLA Wireless](#)
[Noregon DLA PLC](#)
[Movimento Driver](#)

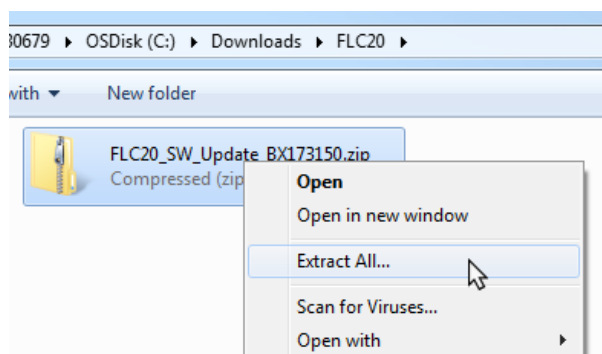
	Date ▾	Name
	07/18/2024	Tech Tool Installer 2.8.261
	06/12/2024	Workshop Toolbox Announcement Letter
	06/12/2024	Workshop Toolbox FAQs
	06/12/2024	Workshop Toolbox v14.3.1 Installation Instructions
	07/11/2016	FLR20 BX160802 Download v1.0.0.4

[Check-in Tool Tutorial Video](#) 

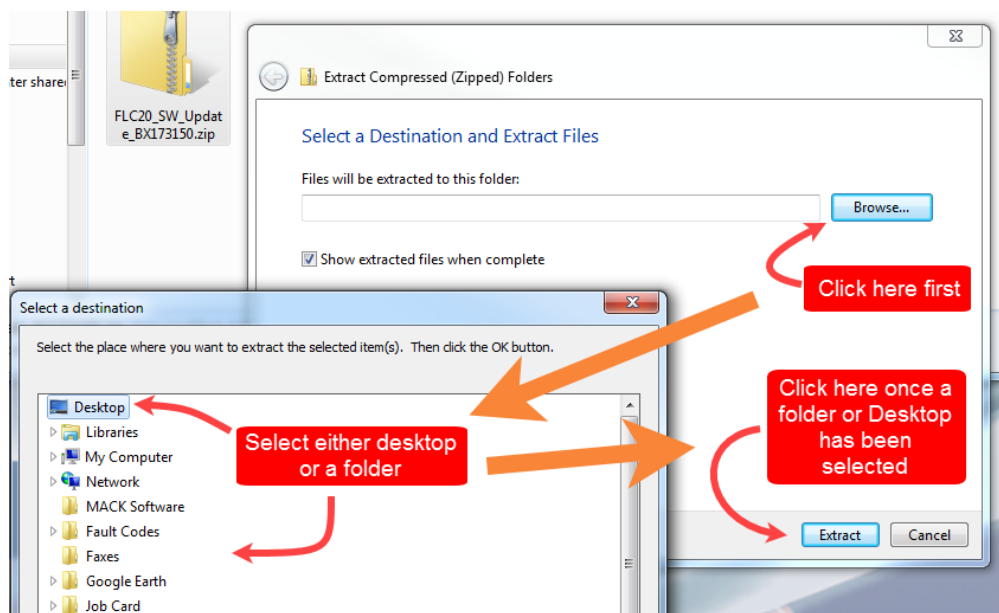
<https://trucksdealerportal.volvo.com/content/dam/gpp/tdp-volvo/protected/markets/master/information/canada-usa/service/software-downloads/check-in-tool-faqs.pdf>

5. Extract the executable (.exe) file to desktop or a folder where it can be easily located:

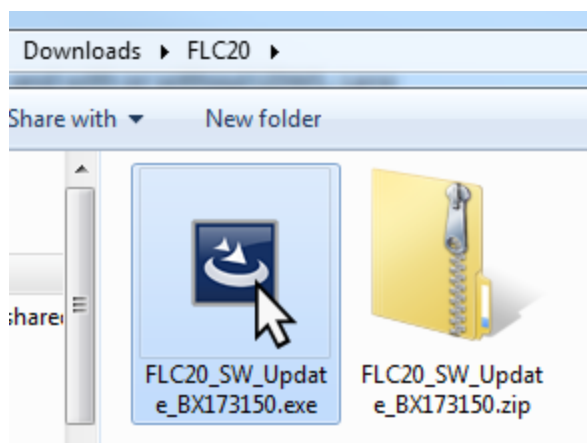
A. Right-click on the ZIP file and select "Extract All..."



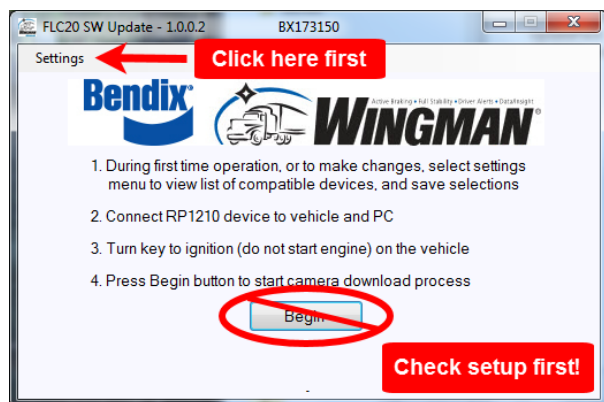
B. Click the Browse button and pick either Desktop or another folder where the file can be easily found. Click the OK button once the folder is picked, then Click the Extract button.



6. Double-click the executable file to run the update software:

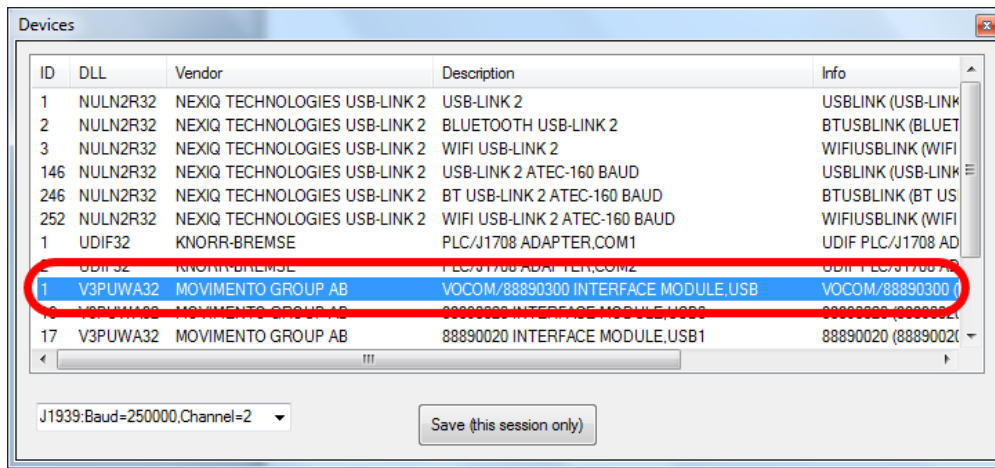


7. The program screen will open. Before clicking Begin, open the Settings menu:

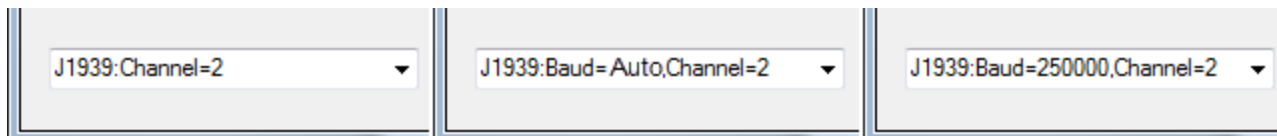


8. Make sure the correct adapter and Port settings are selected

Live UI ≥ the VOCOM adapter from the list as shown below:



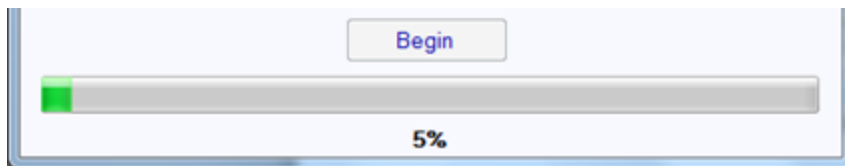
B. From the port settings drop-down in the lower left-hand corner of the window, select the correct port. **The three options below are the only ones that will work:**



C. Click the Save button to close the window and return to the main Window.

9. Click "Begin" to start the Software Update

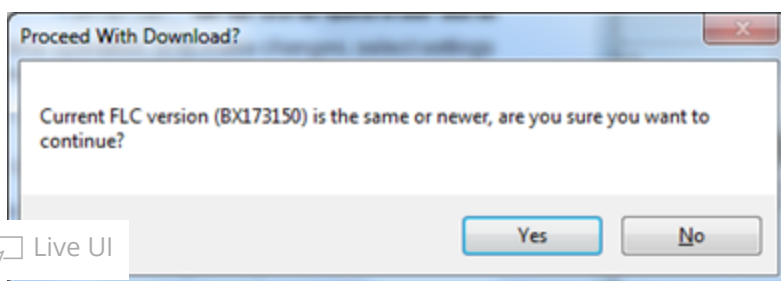
A. A progress bar at the bottom of the window will show installation progress.



B. A Complete message will be displayed when the update has finished.



NOTE: If the error message shown below appears, the module software does not need to be updated.



 Tags

k05680314 spn 516103 fmi 19 volvo

Categories

Make and Model > Volvo > VNL

Make and Model > Volvo > VNR

Make and Model > Volvo > VAH

Vehicle System > Brakes