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# TECH TOOL RELEASE NOTES

**Version 2.8.230**



**Volvo Group**

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# Contents

TECH TOOL RELEASE NOTES 2.8.230 .....	2
<b>Overview</b> .....	2
<b>Limitations / Challenges</b> .....	2
<b>Recommended Actions</b> .....	2
<b>Prerequisites</b> .....	3
<b>What's New</b> .....	3
<b>Operation Changes in The Release</b> .....	4
<b>Diagnostic Changes in The Release</b> .....	6
<b>Known Issues and Workarounds</b> .....	7



# TECH TOOL RELEASE NOTES 2.8.230

## Overview

These release notes give you an overview of new features and changes in Tech Tool. Please take your time to read through this news carefully as it will support having the full benefit of new features and changes in this version of Tech Tool.

Tech Tool release 2.8.230 is available for download in the Client Update from week 49, 2023.

## Limitations / Challenges

1. Restarting Tech Tool daily is recommended to free up resources and improve the application performance.
2. It is recommended to perform 'Finish work' at the end of a connected product session before connecting to the next product. This will speed up the process of connecting to the next product.

## Recommended Actions

1. Before initiating Tech Tool installation via Client Update, ensure that all the Windows updates have been completed. Otherwise, Windows Update might cause the computer to restart, which may lead to the reinstallation of Tech Tool.
2. Restart the computer after installing Tech Tool for both a fresh installation and an update via Client Update.



## Prerequisites

1. UPN (User Principal Name) details should be available with user to the corresponding existing user id to login Tech Tool. This will be needed to login Tech Tool after installing 2.8.210 and higher version of Tech Tool.
  - For Volvo Corporate Network (VCN) Internal User IDs, use your corporate email address.
  - External Users, use Tech Tool ID and add @ext.volvogroup.com (UserID@ext.volvogroup.com)
2. \*.msapproxy.net should be whitelisted with no SSL inspection. Contact your local IT administrator to whitelist this domain.
3. **2010 (https)** port should be open for all the traffic. Contact your local IT administrator to open the port and then restart the installation. **Port enablement would be applicable ONLY for users downloading & installing Tech Tool through Web/ISO**, however for CLUP update it's not applicable.

## What's New

Description	Brands
Integrated a new password management URL. This URL accompanies an updated password policy information and provides an ability to user for reset and change their password accordingly.	ALL
To receive updates for "SEM2.5 Firmware", a new track with "SEM2 Firmwares" name has been added under registered tracks of Client Update Tool.	RT



## Operation Changes in The Release

Operation	Changes	Brands	Models
<b>17071-3</b> Function Parameter reset	The operation support has been updated, and the issue with battery calibration has been resolved.	VTC ✓	FH and FM
<b>25920-3</b> Exhaust aftertreatment system, service regeneration	The operation support has been updated, and the option for SCR regeneration selection has been eliminated for NO_AHI vehicles.  Only applicable to North America.	VTC ✓ MACK ✓	Applicable to all models without AHI
<b>1700-08-03-33/17071 -3</b> Function parameter Reset	Operation support has been updated to reset cab heating pump with pulse width modulation.	VTC ✓ RT ✓	DElectric, DWideElectric, FLElectric, FEElectric
<b>3690-07-03-01/36980-3</b> Cooling circuit three- way valve	Operation support has been updated. It is now disabled for the trucks with ONCHAR2 variant.	VTC ✓ RT ✓	DElectric, DWideElectric, FLElectric, FEElectric
Operation news	Operations support has been added.	VCE ✓	<b>Crawl Excavator:</b> EC210F, EC230F, EC370F, EC400F
<b>25474-3</b> Exhaust aftertreatment system, reset	Operations support has been updated with "Reset, AdBlue/DEF adaptation factor and new parameter reading for sulphur load".	VCE ✓	Applicable for all machines with D8M, D11M, D13J and D16J Stage V/T4f/CN4 engines



Operation	Changes	Brands	Models
<b>25857-3</b> Urea Crystallization SCR Catalytic Silencer, Regeneration	The operational support has been enhanced, incorporating new guidelines to ensure accuracy and success in executing Muffler regeneration for B12M products within the Latin American market.	VBC ✓	B12M
<b>36914-3/3649-08-03-17</b> Wiper Stalk, Test	Operation support has been updated to show the correct position and activation of the stalk.	VBC ✓	B13R, B11R, B8R, B0E
<b>36121-3</b> Forward looking camera	Operation support has been enabled for Front Looking camera.	UD ✓	UD-HD2, UD-HD3
<b>36120-3</b> Forward looking radar	Operation support has been enabled for Front Looking radar.	UD ✓	UD-HD2, UD-HD3
<b>36016-3</b> Flexible Switches	Operation support has been updated for the Switch "LKS-C Lane Keep Support Continuous".	UD ✓	UD-HD2, UD-HD3
<b>36016-3</b> Flexible switch Panel	Operation support has been updated with calibration for flexible switch panel.	UD ✓	UD-HD2, UD-HD3
<b>36122-3</b> Cooling fan, forward looking camera	Operation support has been updated for Cooling fan, Front looking camera.	UD ✓	UD-HD2, UD-HD3
<b>59022-3</b> Program Electronic Braking System Control Unit	Operation support has been enabled to update parameters for Electronic Braking system control unit.	UD ✓	UD-HDE



## Diagnostic Changes in The Release

Diagnostic	Changes	Brands	Models
Diagnostic update	Diagnostic content support has been updated for AHI (Aftertreatment Hydrocarbon Injector) nozzle.	VTC ✓ RT ✓	D, DWide, FL, FE
Diagnostic update	Diagnostic content support has been updated for ZF- 6AS gearbox to fault trace powerpack as genuine spare parts.	VTC ✓ RT ✓	DNarrow, FL
Diagnostic news	Diagnostic content support has been added.	VCE ✓	<b>Crawl Excavator models:</b> EC230F, EC370F, EC400F
Diagnostic update	Diagnostic content support has been updated with smart diagram.	VCE ✓	<b>Applicable for Crawl Paver model:</b> P6820D
Diagnostic update	Diagnostic content has been updated for AHI nozzle. (Aftertreatment Hydrocarbon Injector)	RT ✓	D, DWide, FL, FE
Diagnostic update	Diagnostic content has been updated for ZF- 6AS gearbox to fault trace powerpack as genuine spare parts.	RT ✓	DNarrow, FL
Diagnostic update	Diagnostic content support has been updated for Front looking Camera.	UD ✓	UD-HD2, UD-HD3
Diagnostic update	Diagnostic content support has been updated for Front looking Radar.	UD ✓	UD-HD2, UD-HD3



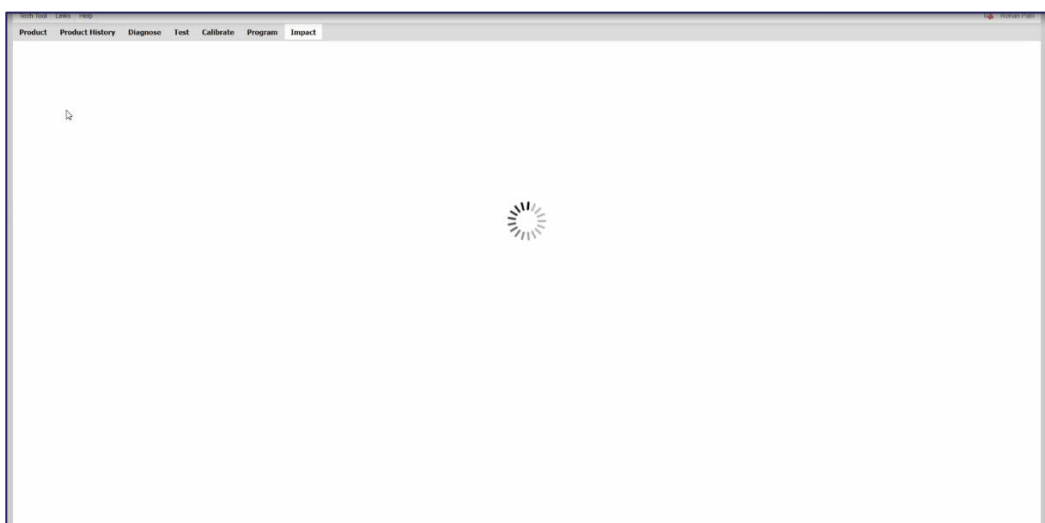


## Known Issues and Workarounds

Issue No:	Issue Description	Brands
1.	The Impact tab might not load and will be frozen.	ALL, except VCE
2.	Freeze frame information is missing from Diagnose tab.	ALL
3.	While switching between the tabs, Tech Tool might be frozen, or an error pop-up is displayed.	ALL
4.	Tech Tool installation progress bar is frozen during Client Update.	ALL
5.	While programming, the software download might get stuck at 99%.	ALL

### **Issue-1:** The Impact tab might not load and will be frozen.

**Cause:** Impact application.

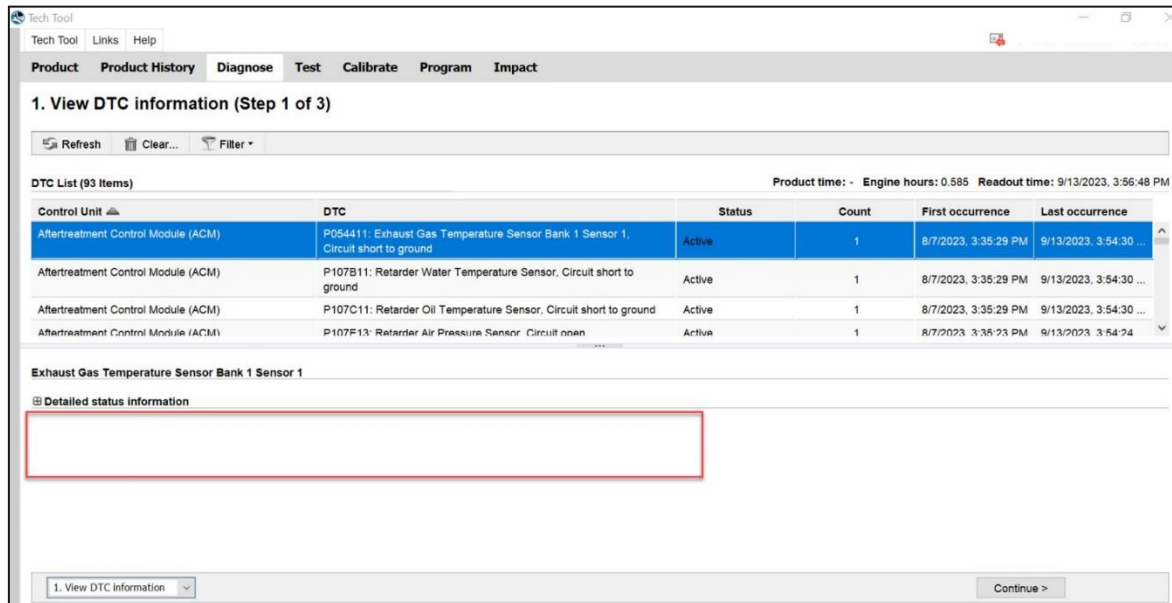
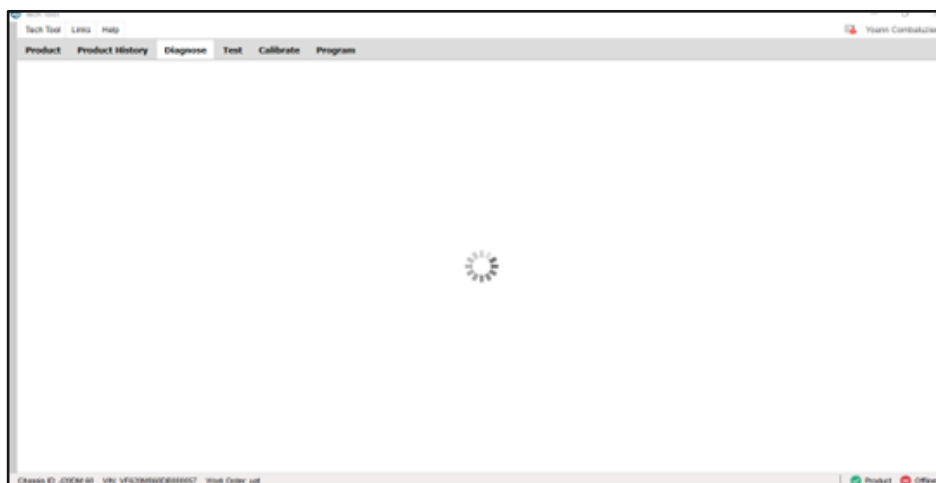


**Suggestion:** Kindly follow the below steps:

1. Launch Impact tab standalone application from Browser.
2. Enter the chassis information and select "Repair" as Info Type.
3. Select "Titles" under Search by and enter the search criteria.

Please refer the [video](#) for more details.



**Issue-2: Freeze frame information is missing from Diagnose tab.****Cause:** Under Investigation.**Suggestion:** No workaround available.**Issue-3: While switching between the tabs, Tech Tool might be frozen.****Cause:** Under Investigation.**Suggestion:** Kindly follow the below steps:

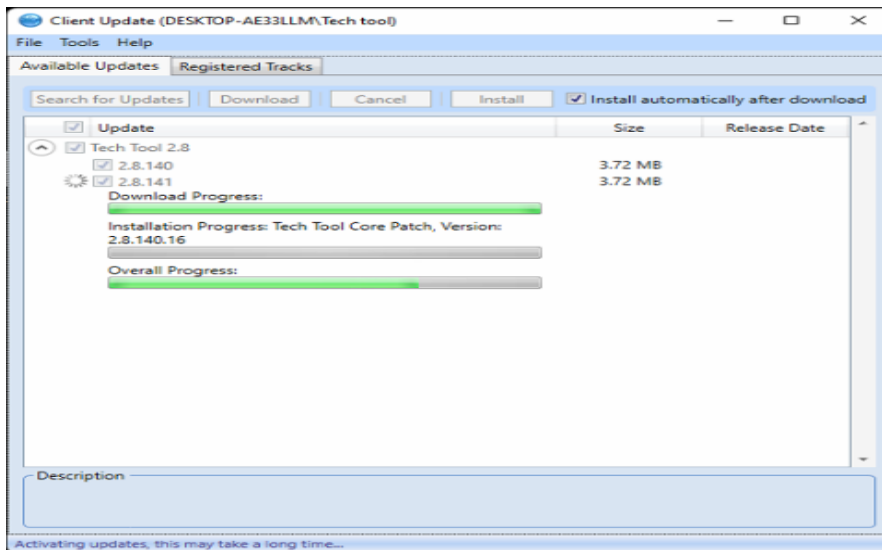
1. Ensure that there is a stable network as shown in the icon
2. Restart Tech Tool.
3. If not able to recover, restart the computer.





## **Issue-4:** Tech Tool installation progress bar is frozen during Client Update.

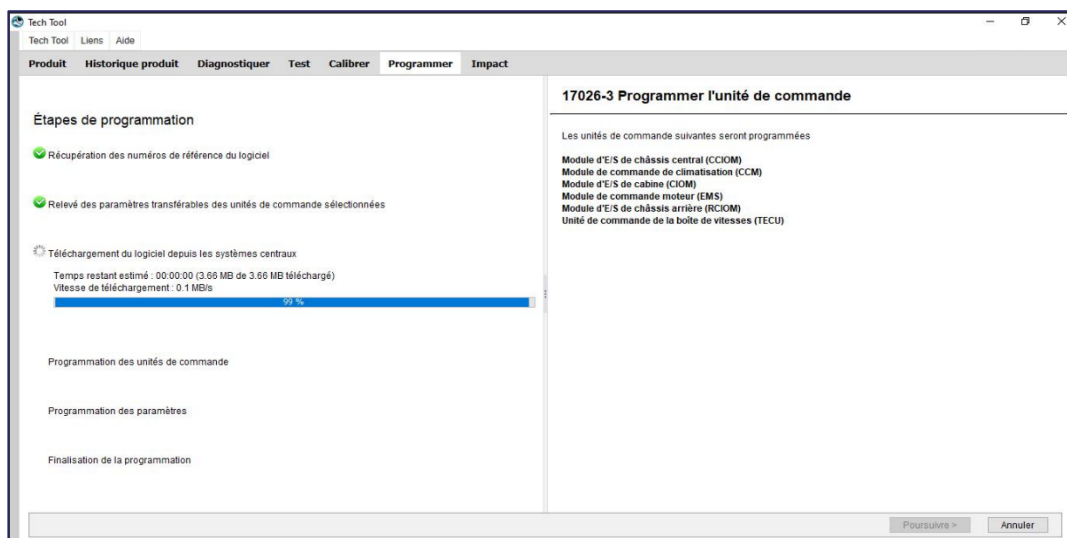
**Cause:** Under Investigation



**Suggestion:** Restart computer if the progress bar is frozen.

## **Issue-5:** While programming, the software download might get stuck at 99%.

**Cause:** Under Investigation.



**Suggestion:** Use Quick Repair tool to resolve this issue. Refer [Video](#).

**Note:** For any issues & support, kindly use your normal channels.