

Date: 30th May 2024



TECH TOOL RELEASE NOTES

Version 2.8.260



Volvo Group

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TECH TOOL RELEASE NOTES 2.8.260

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 2.8.260 is available for download in the Client Update from week 22, 2024.

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. Users must have their User Principal Name (UPN) details available to match their corresponding existing user ID for logging into Tech Tool. This information will be necessary for logging into Tech Tool following the installation of version 2.8.210 and above.
 - Internal users under Volvo Corporate Network (VCN) should use their corporate email addresses.
 - External users should use their Tech Tool user ID followed by @ext.volvogroup.com (Example: UserID@ext.volvogroup.com).
2. *.msapproxy.net must be added to the whitelist without SSL inspection. Please reach out to your local IT administrator to carry out this whitelisting procedure.
3. The **2010 port (https)** must be accessible for all traffic. Please contact your local IT administrator to open the port, and then proceed with restarting the installation. **Port enabling is necessary only for users downloading and installing Tech Tool through Web/ISO.** However, it's not applicable for CLUP updates.

What's New

Description	Brands
Tech Tool Help page contains the new login page details	ALL



Operation Changes In The Release

Operation	Changes	Brands	Models
17140-3 / 1700-22-03-01 Central systems update	Operation has been updated by adding Volvo Standard Time (VST).	VTC ✓ VBC ✓ RT ✓ UD ✓ MACK ✓	All models
32236-3 CCS charging, latest interruption data readout	Operation has been updated with phrase translation for the actual phrases segregated from hardcoded.	VTC ✓ VBC ✓	FHE, FME, FMLE, FLE, FEE B0E
Operation news	Operations has been enabled for OBD24.	VTC ✓	VN(4)
25857-3 Urea Crystallization SCR Catalytic Silencer	Operation has been added to B11R.	VBC ✓	B11R
Operation news	Operations support have been added.	VCE ✓	Crawl Excavator models: EC260F, EC300F, EC360F, JEC230F
Operation news	Operations support have been added.	VCE ✓	Compact Crawl Excavator model: JEC80F
Operation news	Operations support have been added.	VCE ✓	Charging Equipment model: PU40



Operation	Changes	Brands	Models
85923-3 Sensor Values, Cab, Check	Operation has been updated.	VCE ✓	Compact Wheel Loader models: L20H, L25HL (Gen 1)
42104-3 Sensor Values Hydrostatic Drive, Test	Operation has been updated with parameters P1U9P and P1U9O.	VCE ✓	Compact Wheel Loader models: L45H, L50H
Guided Parameter Programming - GPP	Operations have been updated with phrases, translations, and parameters.	RT ✓	T, T HIGH, T BEV, C BEV
3225-08-03-03 CCS charging, latest interruption data readout	Operation has been updated with phrase translation for the actual phrases segregated from hardcoded.	RT ✓	C BEV, T BEV, DWIDE ZE, DZE
72881-3 Level sensor	Operation has been enabled for BSYS-EBS variant.	UD ✓	UD-HDE



Diagnostic Changes in the Release

Operation	Changes	Brands	Models
Diagnostic update	Diagnostic support has been updated by correcting the root cause with on-board charger caption mismatch.	VTC ✓ RT ✓	FLE, FEE DWIDE ZE, D ZE
Diagnostic update	Diagnostic content has been updated for ECM on EU5 Brazil products.	VTC ✓	FH (4), FM (4)
Diagnostic news	Diagnostic content has been enabled for OBD2024.	VTC ✓	VN(4)
Diagnostic update	Diagnostic content has been updated for Foot Brake Module.	VTC ✓	VM
Diagnostic update	Diagnostic support has been updated for SCIM.	VTC ✓	FH (4), FM (4), FME (4), FHE (4)
Diagnostic news	Diagnostic support has been added for CMS.	VTC ✓	FH (4), FM (4), FME (4), FHE (4)
Diagnostic news	Diagnostic support has been added.	VCE ✓	Crawl Excavator models: ECR145F, EC210EB, EC360F
Diagnostic update	Diagnostic content has been updated with smart diagram.	VCE ✓	Crawl Excavator models: EC210F, EC370F, EC400F



Operation	Changes	Brands	Models
Diagnostic update	Diagnostic content has been updated with smart diagram.	VCE ✓	Track Paver models: P7920D, P8820D
Diagnostic news	Diagnostic support has been added for IC4 (U102588, U101E41, U101E42, U101E49, U101E84, U101E85, U101E87).	RT ✓	T, C, K, T HIGH
Diagnostic update	Diagnostic support EVAC HMD L2 has been updated for D1FCQ - P100016, P100017, P100023.	RT ✓	T E-Tech, C E-Tech
Diagnostic update	Diagnostic fault tracing SRx HMD L2 for U30000A, U300097.	RT ✓	T E-Tech, C E-Tech
Diagnostic update	Diagnostic support has been updated for DACU 3.2 HMD L2.	RT ✓	T E-Tech, C E-Tech
Diagnostic update	Diagnostic support has been updated for AVAS HMD L2.	RT ✓	T E-Tech, C E-Tech
Diagnostic update	Diagnostic support has been updated for BBIOM HMD L2.	RT ✓	T E-Tech, C E-Tech
Diagnostic update	Diagnostic support has been updated for BBM HMD L2.	RT ✓	T E-Tech, C E-Tech



Operation	Changes	Brands	Models
Diagnostic update	Diagnostic support has been updated for EBS7 HMD L2.	RT ✓	T E-Tech, C E-Tech
Diagnostic update	Diagnostic support has been updated for EHRAS_TA HMD L2.	RT ✓	T E-Tech, C E-Tech
Diagnostic update	Diagnostic support has been updated for EVAC HMD L2.	RT ✓	T E-Tech, C E-Tech
Diagnostic update	Diagnostic support has been updated for FLC HMD L2.	RT ✓	T E-Tech, C E-Tech
Diagnostic update	Diagnostic support has been updated for FLR HMD L2.	RT ✓	T E-Tech, C E-Tech
Diagnostic update	Diagnostic support has been updated for IC GFX HMD L2.	RT ✓	T E-Tech, C E-Tech
Diagnostic update	Diagnostic support has been updated for IC SCIM HMD L2.	RT ✓	T E-Tech, C E-Tech
Diagnostic update	Diagnostic support has been updated for SRx HMD L2.	RT ✓	T E-Tech, C E-Tech
Diagnostic update	Diagnostic support has been updated for VMCU2 HMD L2.	RT ✓	T E-Tech, C E-Tech
Diagnostic update	Diagnostic support has been updated for SRS HMD L2.	RT ✓	T E-Tech, C E-Tech
Diagnostic update	Diagnostic support has been updated for Axle Level sensor.	UD ✓	UD-HDE



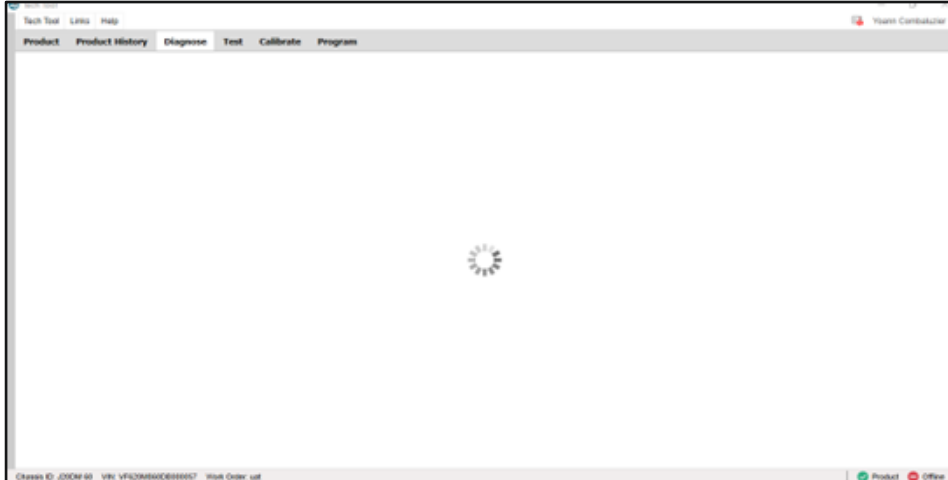
Known Issues and Workarounds

Issue No:	Issue Description	Brands
1.	Tech Tool might take more time to load tabs. (Diagnose, Test, Calibrate, Program)	ALL
2.	The Impact tab might not load and will be frozen.	ALL
3.	The Impact tab will not load data when loading from service links.	ALL
4.	Freeze frame information is missing from Diagnose tab.	ALL
5.	While switching between the tabs, Tech Tool might be frozen, or an error pop-up is displayed.	ALL
6.	Tech Tool installation progress bar is frozen during Client Update.	ALL
7.	While programming, the software download might get stuck at 99%.	ALL



Issue-1: Tech Tool might take more time to load tabs (Diagnose, Test, Calibrate, Program).

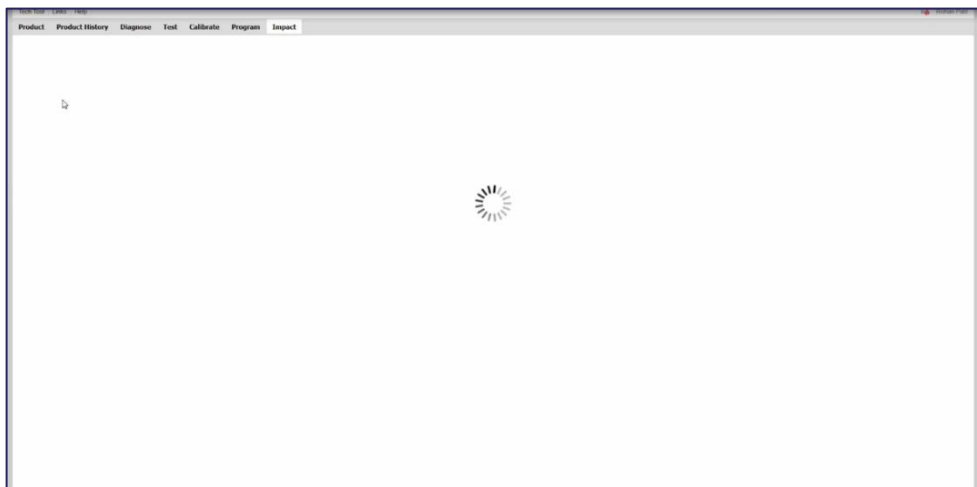
Cause: Under Investigation



Suggestion: No workaround available.

Issue-2: The Impact tab might not load and will be frozen.

Cause: Impact application.



Suggestion: Kindly follow the below steps:

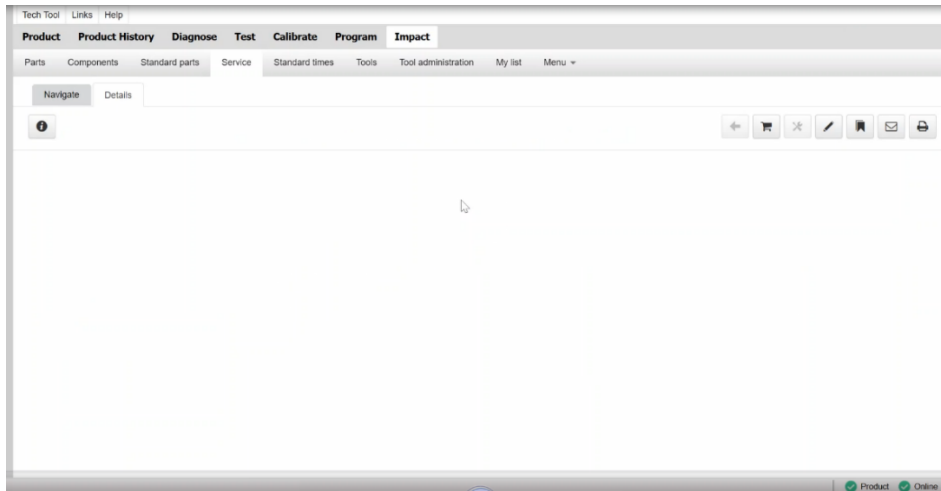
1. Launch Impact tab standalone application from Browser.
2. Enter the chassis information and select "Repair" as Info Type.
3. Select "Titles" under Search by and enter the search criteria.

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



Issue-3: The Impact tab will not load data when loading from service links.

Cause: Impact application.



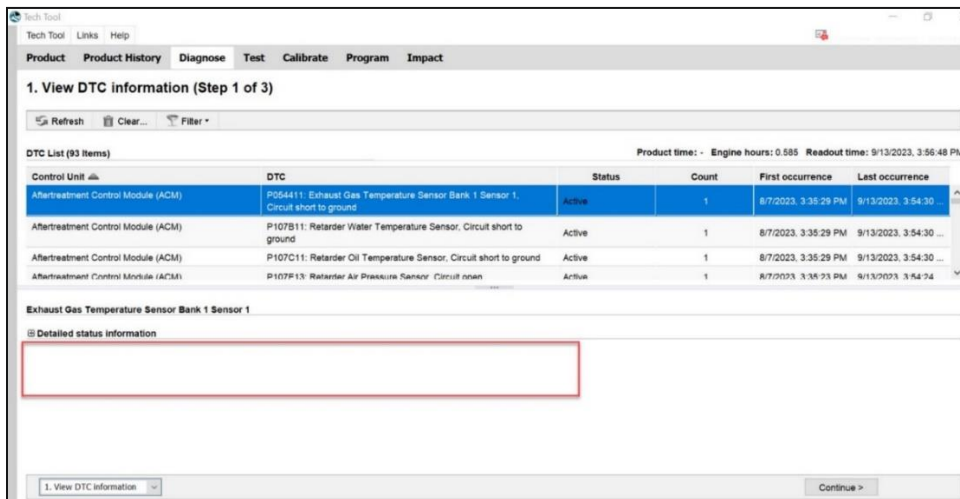
Suggestion: Kindly follow the below steps:

- 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-4: Freeze frame information is missing from Diagnose tab.

Cause: Under Investigation.

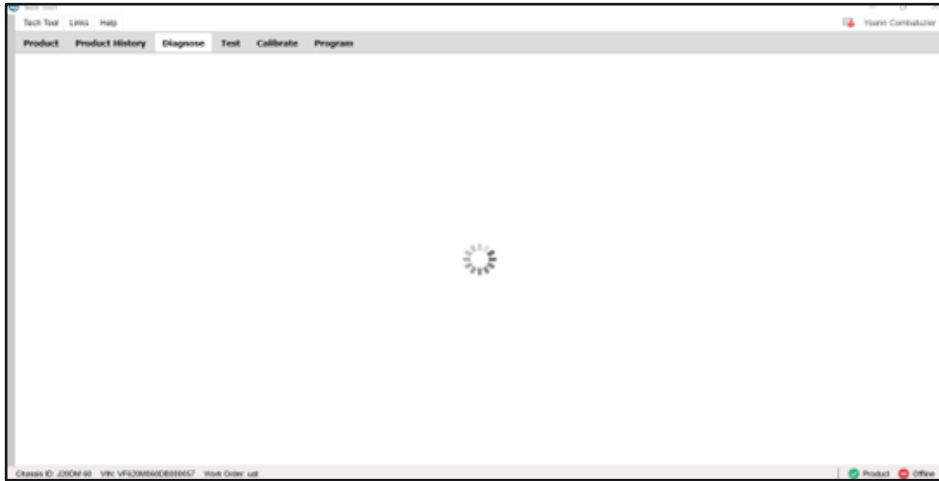


Suggestion: No workaround available.




Issue-5: While switching between the tabs, Tech Tool might be frozen.

Cause: Under Investigation.

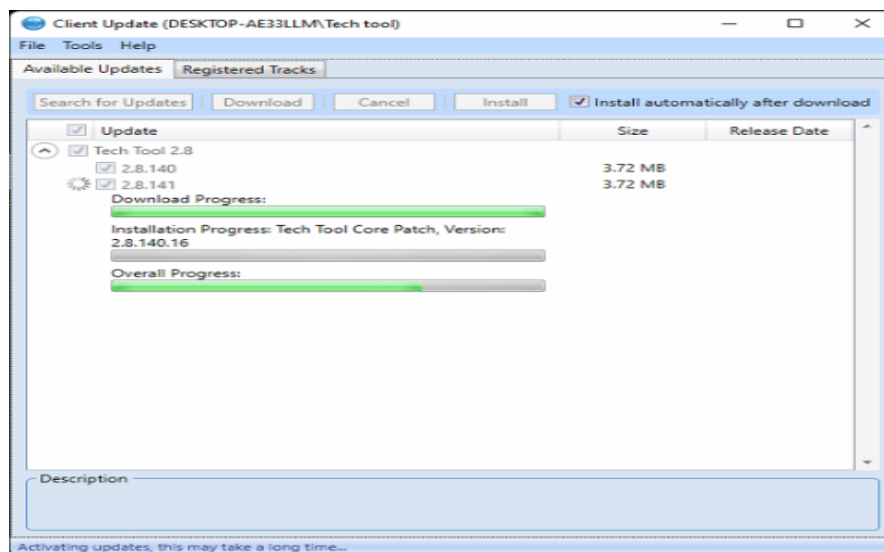


Suggestion: Kindly follow the below steps:

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-6: Tech Tool installation progress bar is frozen during Client Update.

Cause: Under Investigation

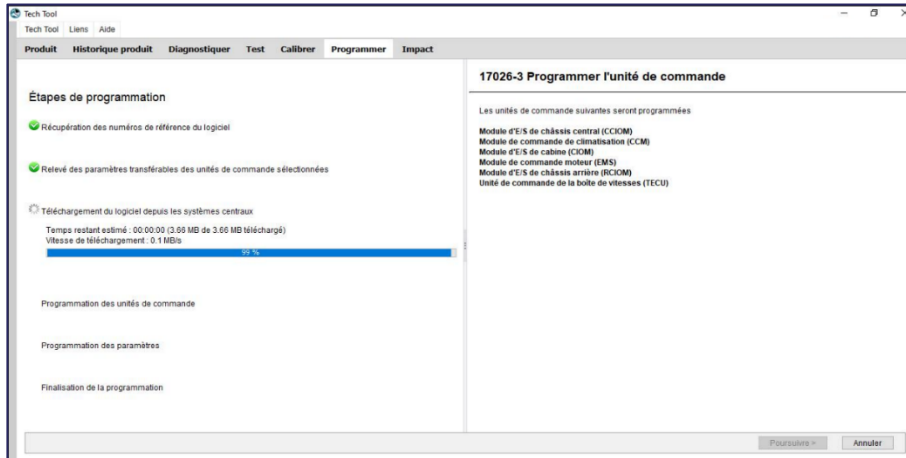


Suggestion: Restart computer if the progress bar is frozen.



Issue-7: 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.