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.
- 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

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



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



Diagnostic Changes in the Release

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



Operation	Changes	Brands	Models
Diagnostic update	Diagnostic content has been	VCE	Track Paver
	updated with smart diagram.		models:
			P7920D, P8820D
Diagnostic news	Diagnostic support has been	RT	T, C, K, T HIGH
	added for IC4 (U102588,		
	U101E41, U101E42, U101E49,		
	U101E84, U101E85,		
	U101E87).		
D'anna the		~~~	
Diagnostic update	Diagnostic support EVAC HMD	RT	T E-Tech,
	L2 has been updated for		C E-Tech
	D1FCQ - P100016, P100017,		
	P100023.		
Diagnostic update	Diagnostic fault tracing SRx	RT	T E-Tech,
Diagnostic update	HMD L2 for U30000A, U300097.	RI	C E-Tech
	HIVID L2 101 030000A, 0300097.		C E-Tech
Diagnostic update	Diagnostic support has been	RT⊘	T E-Tech,
	updated for DACU 3.2 HMD L2.		C E-Tech
Diagnostic update	Diagnostic support has been	RT	T E-Tech,
	updated for AVAS HMD L2.		C E-Tech
Diagnostic update	Diagnostic support has been	RT	T E-Tech,
	updated for BBIOM HMD L2.		C E-Tech
Diagnostic update	Diagnostic support has been	RT🕗	T E-Tech,
	updated for BBM HMD L2.		C E-Tech

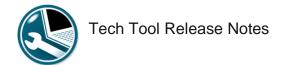


Operation	Changes	Brands	Models
Diagnostic update	Diagnostic support has been	RT🕗	T E-Tech,
	updated for EBS7 HMD L2.		C E-Tech
Diagnostic update	Diagnostic support has been	RT⊘	T E-Tech,
	updated for EHRAS_TA HMD		C E-Tech
	L2.		
Diagnostic update	Diagnostic support has been	RT♥	T E-Tech,
	updated for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



Known Issues and Workarounds

Issue No:	Issue Description	Brands		
1.	Tech Tool might take more time to load tabs. (Diagnose, Test, Calibrate, Program)			
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).

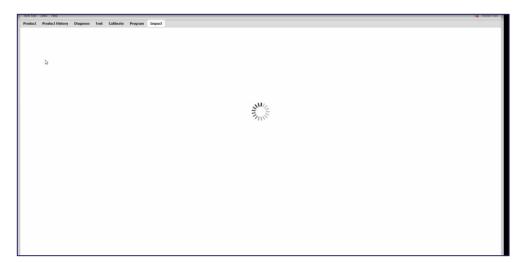
Cause: Under Investigation

Nech loss						- 0
Tech Tool	Links Help					14 Yearn Combakat
Product	Product History	Diagnose	Test	Calibrate	Program	
					200 mg	
					7215	
#### ID: JD9	ONE 40 VIN: VE620MB6	OCENNES? WA	UR CHERY, LA	at the second se		Product 😄 Offic

Suggestion: No workaround available.

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

Cause: Impact application.



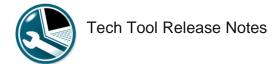
Suggestion: Kindly follow the below steps:

- 1. Launch Impact tab standalone application from Browser.
- 2. Enter the chassis information and select "Repair" as Info Type.

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3. Select "Titles" under Search by and enter the search criteria.

Please refer the <u>video</u> for more details.



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

Cause: Impact application.

Tech Tool Links Help					
Product Product Histor	y Diagnose Tes	t Calibrate Program	Impact		
Parts Components St	andard parts Service	Standard times Tool:	Tool administration My list	Menu 👻	
Navigate Details					
0					
0					
			2		
					S Product 🕑 (

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.

11

3. Select "Titles" under Search by and enter the search criteria.

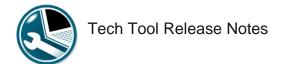
Please refer the video for more details.

<u>Issue-4</u>: Freeze frame information is missing from Diagnose tab.

Cause: Under Investigation.

🗇 Refresh 📋 Clear 🍸 Filter •					
TC List (93 Items)		Pro	duct time: - Engin	e hours: 0.585 Readout ti	me: 9/13/2023, 3:56:48
Control Unit 🛋	DTC	Status	Count	First occurrence	Last occurrence
flertreatment Control Module (ACM)	P054411: Exhaust Gas Temperature Sensor Bank 1 Sensor 1, Circuit short to ground	Active	1	8/7/2023, 3:35:29 PM	9/13/2023, 3:54:30
ftertreatment Control Module (ACM)	P107B11: Retarder Water Temperature Sensor, Circuit short to ground	Active	1	8/7/2023, 3:35:29 PM	9/13/2023, 3:54:30
fiertreatment Control Module (ACM)	P107C11: Retarder Oil Temperature Sensor, Circuit short to ground	Active	1	8/7/2023, 3:35:29 PM	9/13/2023, 3:54:30
flertreatment Control Module (ACM)	P107F13: Retarder Air Pressure Sensor Circuit open	Active	1	8/7/2023 3:35:23 PM	9/13/2023 3:54:24
haust Gas Temperature Sensor Bank 1 Sen	isor 1				
Detailed status information					

Suggestion: No workaround available.



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

Cause: Under Investigation.

lech Teol	Links Halp					14 Years Contrate
roduct	Product History	Diagnose	Test	Calibrate	Program	
					2015 C	
					210	
	ICM 60 VIR: VF620MB	and an and a second second		-		😔 Product 🤤 Of

Suggestion: Kindly follow the below steps:

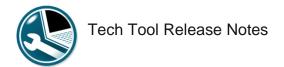
- 1. Ensure that there is a stable network as shown in the icon
- 2. Restart Tech Tool.
- 3. If not able to recover, restart the computer.

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

Cause: Under Investigation

Client Update (DESKTOP-AE33LLM\Tech tool)		_		\times
File Tools Help				
Available Updates Registered Tracks				
Search for Updates Download Cancel Install	🛛 Install automa	tically af	ter downl	oad
✓ Update	Size	Relea	se Date	-
 Tech Tool 2.8 2.8.140 2.8.141 Download Progress: Installation Progress: Tech Tool Core Patch, Version: 2.8.140.16 Overall Progress: 	3.72 MB 3.72 MB			
				-
Description				
Activating updates, this may take a long time				

Suggestion: Restart computer if the progress bar is frozen.



<u>Issue-7</u>: While programming, the software download might get stuck at 99%.

Cause: Under Investigation.

Tapes de programmation Récupération des numéres de référence du legiciel Récevé des paramètres transférables des untés de commande sélectionnées Déciduagement du logiciel desuis les systèmes centeux Tames restairt estimé: 00000 (38 WB és 2 66 MB Hérichange) Vitesse de Hérchangement (-0.1 MB) Voites Programmation des untés de commande Programmation des untés de commande	17026-3 Programmer l'unité de commande Les unités de commande suivaries serreit programmées Modele d'ES de châssis central (CCOM) Modele de commande moler (MOS) Modele d'ES de châssis arrière (RCOM) Unité de commande de la bolle de vitesses (TCOU)

Suggestion: Use Quick Repair tool to resolve this issue. Refer Video.

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