TECH TOOL RELEASE NOTES

Version 2.8.340

Volvo Group

Contents

TECH TOOL RELEASE NOTES 2.8.340

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 2.8.340 is available for download in the Client Update from week 33, 2025.

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. ***.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.

Fixed Issues

Description	Brands
The issue with the missing ECU selection window in the 'Clear DTC' function has been resolved.	ALL
Tech Tool has been updated to include the latest VOCOM baseline version.	ALL
The label 'Potential Safety Concern' has been renamed to 'Potential Risk for Personal Safety' in the Send Concern Report.	ALL
The performance issue causing APCI updates to take longer has been improved.	ALL

Operation Changes in The Release

Operation	Changes	Brands	Models
17071-3/ 1700-08-03-33 - Function Monitoring Parameters, Reset	Added read DTC to prevent SWDL and calibration. Retry included if routine fails. Applicable only to North America.	VTC ✅	VN (4), PR (4)
31027-3/3113-22-03-01 - Battery sensor programming	Added read DTC to prevent SWDL and calibration. Retry included if routine fails. Applicable only to North America.	VTC ✅	VN (4), PR (4)
3837-22-03-01 Odometer programming	Odometer Programming units' correction for North America market trucks. Applicable only to North America.	VTC ✅	VN (4), PR (4)
3839-08-03-01 (K Factor) Calibration Number	Enabled Vehicle Speed Factor calibration. Applicable only to North America, new North America market trucks.	VTC ✅	VN (4), PR (4)
Operation News	Operations support has been added.	VCE ✅	**Crawl Excavator models:** ECR355F, JEC230FC

Operation	Changes	Brands	Models
Operation News	Operations support has been added.	VCE ✅	**Wheel Excavator models:** EWR150F, EWR170F
Operation News	Operations support has been added.	VCE ✅	**Wheel Loader models:** JL90K, L150K, L180K, L200KHL, L220K, L260K, LC450K
Operation News	Operations support has been added.	VCE ✅	A25J, A30J, A60J
38710-3 Android platform, factory reset	Operations support has been added.	VCE ✅	**Wheel Loader models:** All H and K generation Wheel Loaders
25463-3 NOx Conversion	Operation enabled for EU5 Emission.	UD ✅	UD-HDE

Diagnostic Changes in the Release

Diagnostic	Changes	Brands	Models
Diagnostic News	Diagnostic content has been added.	VCE ✅	**Crawl Excavator models:** ECR355F, JEC230FC
Diagnostic News	Diagnostic content has been added.	VCE ✅	**Asphalt Compactor model:** PT125C
Diagnostic News	Diagnostic content has been added.	VCE ✅	**Articulated Hauler models:** A25J, A30J, A60J
Diagnostic News	Diagnostic content has been added for Wheel loader models.	VCE ✅	**Wheel loader models:** L150K, L180K, L200KHL, L220K, L260K, LC450K
Diagnostic News	Diagnostic content has been added.	VCE ✅	**Asphalt Compactor model:** PT125C Gen 2
Diagnostic Update	Diagnostic fault tracing support for P25F700 has been updated to Extended/Level2 fault tracing. Applicable only to North America.	VTC ✅	**North American models:** CHU, CXU, GR, GU, AN, LR, MR, VN, VAH, VHD, VN (94), PR (4)

| Diagnostic	Changes	Brands	Models
Diagnostic Update	Diagnostic fault tracing support for P113B00 has been updated to Extended/Level2 fault tracing. Applicable only to North America.	VTC ✓	**North American model:** VN (4)
Diagnostic Update	Diagnostic fault tracing support has been updated for Nox sensor DTCs. Only applicable to North America.	VTC ✓	**North American model:** CHU, CXU, GR, GU, AN, LR, MR, VN, VAH, VHD, VN (94), PR (4)
Diagnostic Update	Diagnostic fault tracing support has been updated for U300049. Information is now showing correct cable positions. Only applicable to North America.	VTC ✓	VN (4)
Diagnostic Update	Diagnostic fault tracing support for DTCs has been updated to Basic/Level1 Fault tracing for 60 DTCs. Only applicable to North America.	VTC ✓	**North American model:** VN (4)
Diagnostic Update	Diagnostic fault tracing support has been updated for Datalink DTC.	UD ✓	UD-HD2, UD-HD3

Known Issues and Workarounds

Issue No:	Issue Description	Brands
1.	Tech Tool installation progress bar is frozen during Client Update.	ALL
2.	While switching between the tabs, Tech Tool might be frozen, or an error pop-up is displayed.	ALL
3.	Inconsistent behaviour in loading J1939 DTCs (Vendor ECUs) in Diagnose tab.	ALL
4.	The operation number (3690-07-03-02) is only missing for the 'Wireless Sensor Gateway (WSGW)' operation; however, the operation functions correctly. **Note:** Applicable only to North America model VN (4).	VTC

Issue-1: Tech Tool installation progress bar is frozen during Client Update.
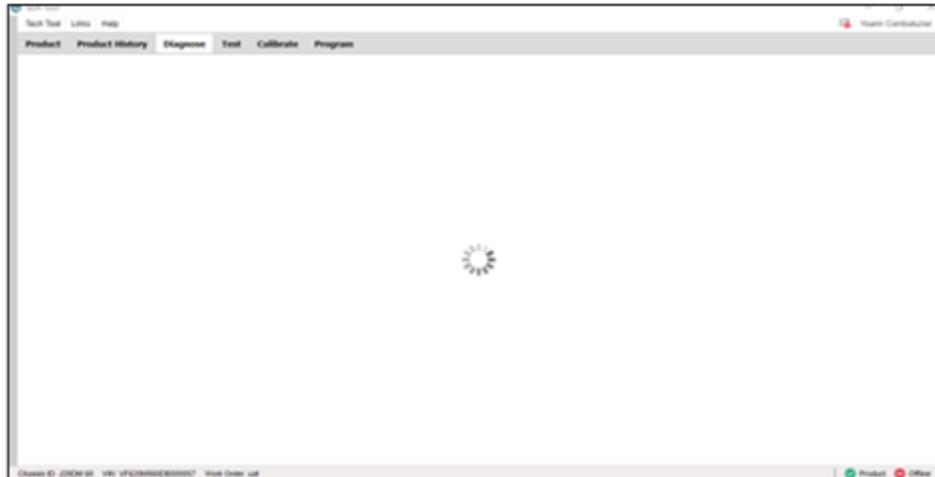
Cause: Under Investigation.
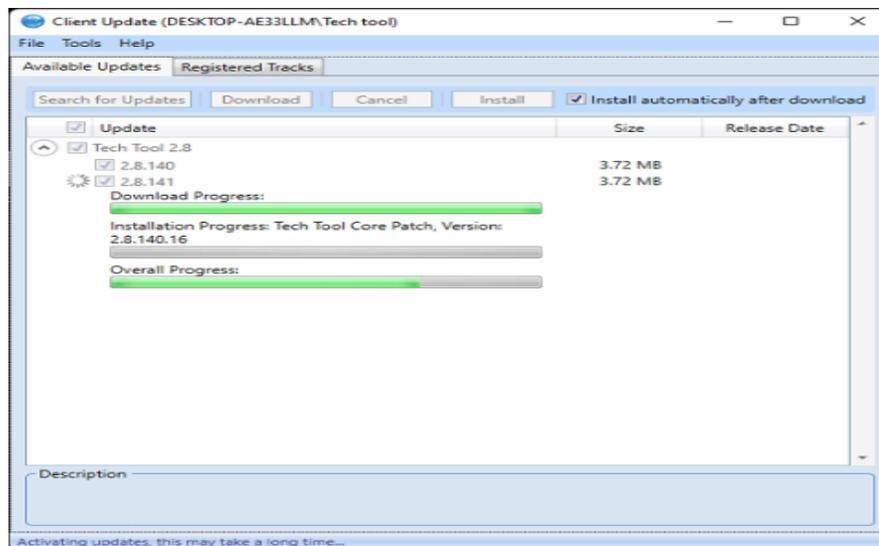
Suggestion: Restart computer if the progress bar is frozen.

Issue-2: 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-3: Inconsistent behaviour in loading J1939 DTCs (Vendor ECUs) in Diagnose tab.

Cause: Under Investigation.
Suggestion: No workaround

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