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# TECH TOOL RELEASE NOTES

Version 2.8.390



**Volvo Group**

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# TECH TOOL RELEASE NOTES 2.8.390

## 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 2.8.390 is available for download in the Client Update from week 37, 2026.

## 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        |
|---------------------------------------------------------------------------------------|---------------|
| Engine hours programming is now enabled for the missing models:<br>FM12, FH12, FML.   | VTC ✓<br>RT ✓ |
| A Password Visibility option has been included on the Tech Tool installer login page. | ALL           |

## Fixed Issue

| Description                                                                                    | Brands |
|------------------------------------------------------------------------------------------------|--------|
| Tech Tool login issues related to user profile synchronization have been improved.             | ALL    |
| An issue with incorrect parameter value limits during parameter programming has been resolved. | ALL    |



## Operation Changes in The Release

| Operation                                                               | Changes                                                                                 | Brands            | Models                                                      |
|-------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-------------------|-------------------------------------------------------------|
| <b>90004-3</b><br>PTO1,2,3,4                                            | Operation has been updated based on the latest inputs from body builder feature leader. | VTC ✓             | FHE, FME                                                    |
| <b>90005-3</b><br>Engine speed mode<br>1,2,3,4                          | Operation has been updated based on the latest inputs from body builder feature leader. | VTC ✓             | FHE, FME                                                    |
| <b>90005-3</b><br>ESC using steering<br>wheel cruise control<br>buttons | Operation has been updated based on the latest inputs from body builder feature leader. | VTC ✓             | FHE, FME                                                    |
| <b>90005-3</b><br>Analogue & PWM<br>control, BBM                        | Operation has been updated based on the latest inputs from body builder feature leader. | VTC ✓             | FHE, FME                                                    |
| <b>90004-3/9000-05-03-01</b><br>PTO While Driving                       | Operation has been added based on the latest inputs from body builder feature leader.   | VTC ✓<br><br>RT ✓ | FHE, FME<br><br>T-Bev                                       |
| Operation news                                                          | Operation support has been added.                                                       | VCE ✓             | <b>Crawl Excavator<br/>models:</b><br>EC130FCN,<br>EC150FCN |



| Operation                                                          | Changes                                                                                 | Brands | Models                                                  |
|--------------------------------------------------------------------|-----------------------------------------------------------------------------------------|--------|---------------------------------------------------------|
| <b>32440-3</b><br>Electrical motor control system monitoring       | Operation has been added.                                                               | VCE ✓  | <b>Crawl Excavator model:</b><br>EC230EL                |
| <b>49602-3</b><br>Travel speed set custom limit                    | Operation has been added.                                                               | VCE ✓  | <b>Compact Wheel Loader models:</b><br>L20H, L25HL Gen3 |
| <b>9000-05-03-12</b><br>Electronically controlled suspension (ECS) | Operation has been updated based on the latest inputs from body builder feature leader. | RT ✓   | T-Bev, T, T-high, C, K                                  |
| <b>9000-05-03-21</b><br>Logic unit 1,2,3                           | Operation has been updated based on the latest inputs from body builder feature leader. | RT ✓   | T-Bev, T, T-high, C, K                                  |
| <b>9000-05-03-01</b><br>PTO1/2/4, AC / DC ePTO, Mech ePTO          | Operation has been updated based on the latest inputs from body builder feature leader. | RT ✓   | T-Bev                                                   |
| <b>9000-05-03-01</b><br>PTO 1,2,3,4                                | Operation has been updated based on latest inputs from body builder feature leader.     | RT ✓   | T, T-high, C, K                                         |
| <b>93003-3</b><br>Bodybuilder module Input/Output signals status   | Operation has been enabled for ECBB-MED and ECBB-MD2.                                   | UD ✓   | Quon                                                    |



## Diagnostic Changes in the Release

| Diagnostic         | Changes                                                                                               | Brands | Models                                                         |
|--------------------|-------------------------------------------------------------------------------------------------------|--------|----------------------------------------------------------------|
| Diagnostic Updates | Diagnostic content has been updated with datalink template update to consider ethernet fault tracing. | VTC ✓  | VN (4)                                                         |
| Diagnostic News    | Diagnostic content has been added.                                                                    | VCE ✓  | <b>Excavator models:</b><br>EC130FCN,<br>EC150FCN,<br>UEC1500F |
| Diagnostic Updates | Diagnostic content has been updated with smart diagram.                                               | VCE ✓  | <b>Excavator model:</b><br>EC650E                              |
| Diagnostic Updates | Diagnostic content has been updated for ACM UDS and Pump EOL.                                         | UD ✓   | Quester,<br>ENG-VE11,<br>EM-EU5                                |
| Diagnostic Updates | Diagnostic content has been updated for Fuel level sensor DTCs.                                       | UD ✓   | Quester, Croner                                                |
| Diagnostic Updates | Diagnostic content has been updated for AP9270.                                                       | UD ✓   | Quester                                                        |

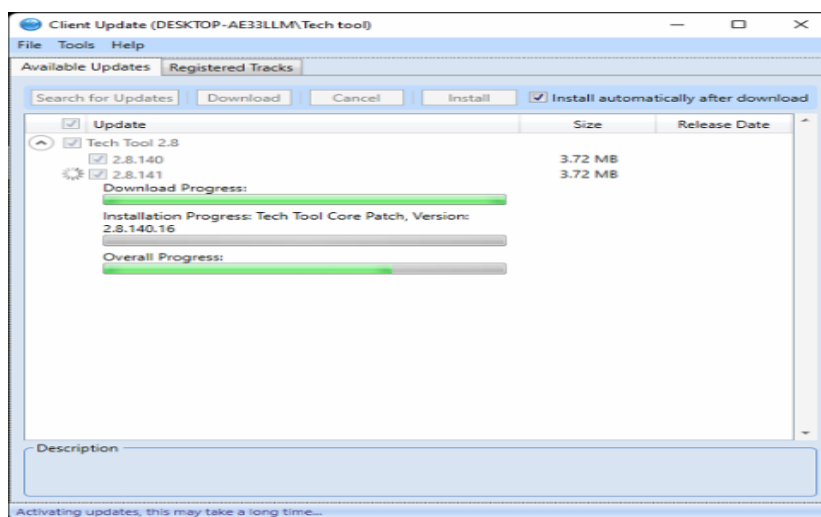


## Known Issues and Workarounds

| Issue No: | Issue Description                                                                                                               | Brands |
|-----------|---------------------------------------------------------------------------------------------------------------------------------|--------|
| 1.        | Tech Tool installation progress bar is frozen during Client Update.                                                             | ALL    |
| 2.        | While switching between the tabs, the Tech Tool may experience a delay, which could cause it to freeze or display an error-pop. | ALL    |
| 3.        | Inconsistent behaviour in loading J1939 DTCs (Vendor ECUs) in Diagnose tab.                                                     | ALL    |

### **Issue-1:** Tech Tool installation progress bar is frozen during Client Update.

**Cause:** Under Investigation.

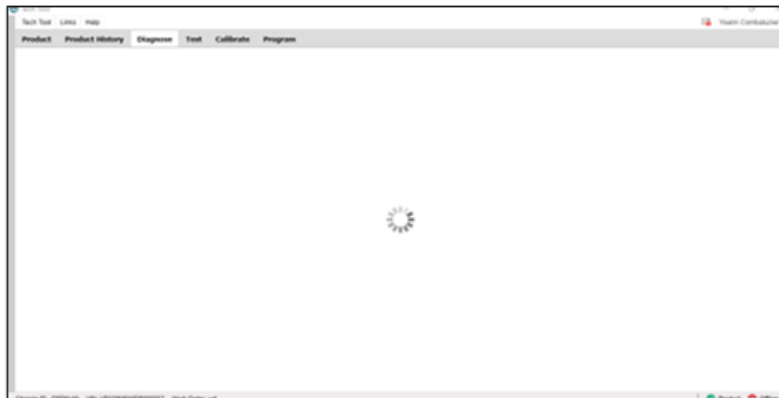


**Suggestion:** Restart computer if the progress bar is frozen.



**Issue-2:** While switching between the tabs, the Tech Tool may experience a delay, which could cause it to freeze or display an error pop-up.

**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 behavior 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.