



# Technical Service Bulletin

**MODEL(S) AFFECTED: T600/T600e/T600EE Walk-Behind Scrubbers**

Models manufactured before following serial numbers: Americas: T600-10958901, T600e-10959206, T600e w/Iris-10958959, T600 w/ProPanel-10957464, T600EE-10958059  
 EMEA: T600-U00318, T600e-U00319, T600e w/Iris-U00016, T600 w/ProPanel-U00310  
 APAC: T600-30095398, T600e-30095930, T600 w/ProPanel-30093950.

**SUBJECT:** **i-Drive Fold-Back UPDATE** - Ref. TSB No. 241 released January 11, 2019. Machine begins to propel very slowly and will not climb an inclined surface during normal operating conditions. This is caused when the i-Drive current load exceeds the set limit which automatically reduces the current flow to protect transaxle motor from overheating, also known as a "fold-back". The machine will not display a fault code when in fold-back mode.

**PURPOSE:** To prevent fold-back nuisance install the following User Interface (UI) firmware revisions to update the i-Drive parameters as instructed below.

- T600 - UI Firmware Rev: 1.04
- T600 Pro-panel - UI Firmware Rev: 1.05
- T600EE - UI Firmware Rev: 1.04
- T600e - UI Firmware Rev: 1.05
- T600e equipped w/ IRIS - UI Firmware Rev: 1.10

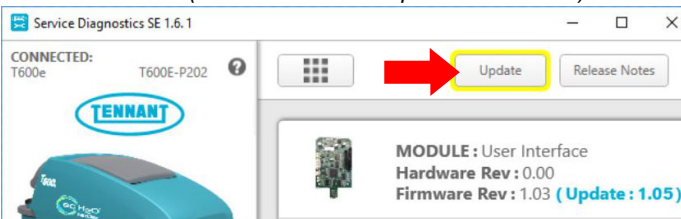
Required Service Application Software versions:

- Service Diagnostics SE 1.6.0 (Tennant Direct Service Reps equipped w/ ServiceLINK)
- Service Diagnostics LE 1.6.1 (Intended for Distributor Service Centers via Tennant website download)

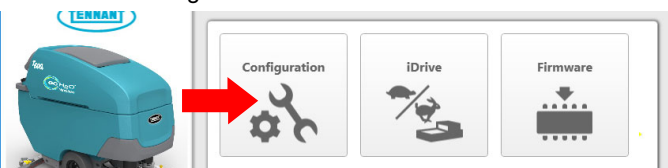
**NOTES:** **Warranty Information:** Standard warranty terms apply.

## Firmware Update Instructions:

1. Using the latest Service Diagnostics software version, update the UI Firmware. (T600e model example shown below)



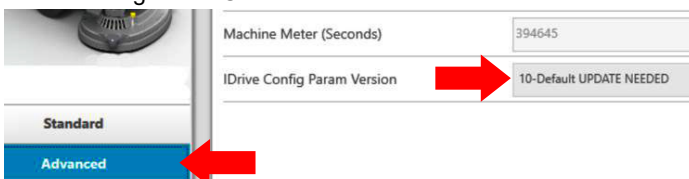
2. After the UI firmware is updated, go back to the home screen and select "Configuration".



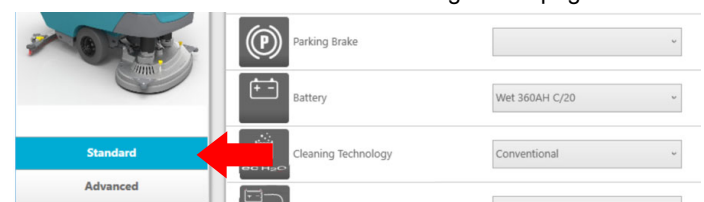
3. Select "Advanced". The "iDrive Config Param Version" will display which iDrive profile requires updating as listed below. Take note of the profile.

10-Default UPDATE NEEDED

11-Parking Brake UPDATE NEEDED



4. Select "Standard" to return to the Configuration page.

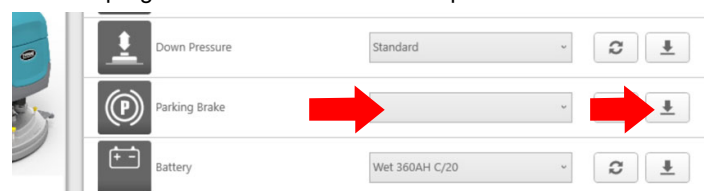


5. For "Parking Brake" selection:

Choose "No" if profile is "10-Default UPDATE NEEDED".

Choose "Yes" if profile is "11-Parking Brake UPDATE NEEDED".

6. Apply the selection by pressing the down arrow. The iDrive will be reprogrammed with new fold-back parameters.



7. After iDrive is reprogrammed, turn key off for 20 seconds to save setting. Then key on again.

**NOTE:** Fault "0x0904: Propel Power Cycle Needed" may appear. Recycling key will remove fault.

8. Return to the "Advanced" page to confirm if the correct iDrive profile has been programmed as listed below.

14-Default

15-Parking Brake

Repeat steps 4-7 if necessary.