



Technical Service Bulletin

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

SUBJECT: The machine propels very slowly on level surfaces and will not climb ramped surfaces.

The i- drive system is designed with a current limiting behavior to protect the transaxle motor from overheating. When the current load exceeds the set limit for an extended period, it triggers a current-limiting action, known as "fold-back". This action will automatically reduce the current flow to the transaxle and cause the machine to propel very slowly.

There have been service calls as a result of fold-back and often the problem cannot be reproduced because an off/on key cycle will reset the i- drive and the machine will return to normal operation.

PURPOSE: If a customer experiences fold-back the following can be done to reduce reoccurrence:

- Adjust the squeegee tips slightly up to reduce squeegee drag on the floor
- Utilize less aggressive brushes and/or reduce the down-force setting on rough surfaces
- Supervisor Controls can also be utilized to keep down-force at the low setting
(*Supervisor Controls are available on both T600 and T600e models*)
- Minimize operating up steep ramp angles

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

The replacement of transaxles, idrives, UI boards, etc. are unlikely to repair this issue and should be avoided to minimize warranty costs.