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# Technical Service Bulletin

**MODEL(S) AFFECTED:** T16AMR (Machines equipped with Lithium batteries being charged with 36 VDC/90-Amp battery chargers only)

**SUBJECT:** BCM (Battery Control Module) being damaged due to users pressing the red charger button to prematurely end the 3-minute delay and immediately start charging the batteries before residual energy is dissipated from the capacitor.

**PURPOSE:** Inform users that the 36V lithium battery charger must be allowed to fully complete the 3-minute delay prior to beginning to charge the batteries and to not press the red button to begin charging the batteries prior to the 3-minute delay being completed. The battery charger will automatically begin charging batteries immediately after the 3-minute delay is complete and does not require further interaction.

**NOTES:** Battery charger must be allowed to complete the 3-minute delay allowing the BCM to fully dissipate residual energy stored in the capacitor before beginning to charge batteries. Residual energy in capacitor can damage the lithium battery BCM if not allowed to dissipate prior to charging. The 3-minute delay is required to ensure there is no residual energy in the capacitor that could potentially damage the BCM when charging begins.

Questions, contact the Tennant Customer Service Department at (800) 553-8033/  
TNV contact 0031 (0) 413241242.

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

