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March 28, 2024

Technical Service Bulletin:
**G25WDO-T4F / G40WDO-T4F / G50WDO-T4F /
G70WDO-T4F Electric Brake harness connection with
Battery Disconnect option**

TSB Number: 12-23-8 Rev. A

Class (AA-Safety Mandatory, A-Mandatory, B-Non-mandatory, Product Improvement, Information Only):
AA-Safety Mandatory

Models Affected:

- G25WDO-T4F (G06, H45, J02)
- G40WDO-T4F (G67, H46, H85)
- G50WDO-T4F (F90, H35, H86)
- G70WDO-T4F (G14, H41, H66, J48)

Affected Serial Number Range:

Model	Beginning Serial Number	Ending Serial Number
G25WDO-T4F (G06, H45, J02)	473915UJZG06	511935UEAHJ02
G40WDO-T4F (G67, H46, H85)	482723UIABG67	511675UEAHH85
G50WDO-T4F (F90, H35, H86)	473669UIZF90	512882UGAHH86
G70WDO-T4F (G14, H41, H66, J48)	477986UHAAG14	513023UHAHJ48

Audience:

Dealers, National Rental Accounts

Issue:

For the units with electrical brake and battery disconnect options installed and listed on this bulletin, it has been identified that the electric brake harness connection may be connected to the positive distribution lug of the battery disconnect switch instead of the positive battery cable terminal. If connected in this manner and the battery disconnect switch is in the off position, the emergency electric brakes will be deenergized.

Solution:

To correct, please see instructions that follow:

- Disconnect positive battery cable from battery using 1/2" wrench. (Fig. 1)



Fig. 1

- Remove metal cover around disconnect switch to expose positive distribution connection (Fig. 2)



Fig. 2

- Cut any zip ties that secure the electric battery harness.
- Loosen and remove distribution nut using 9/16" wrench.
- Remove electric brake harness from positive distribution lug.
- Reinstall distribution nut and secure using 9/16" wrench.
- Replace metal cover around disconnect switch.

- Remove nut from positive battery cable battery terminal using 1/2" wrench (Fig. 3).



Fig. 3

- Install electric battery harness ring terminal onto battery terminal bolt and reinstall nut.
- Install positive battery cable terminal on battery positive post and secure nut tightly on battery terminal using 1/2" wrench.
- Verify electric brake solenoids are operating with battery disconnect in the OFF position.

Warranty:

Campaign 12-23-8 is active in the warranty system for each potentially affected unit.
1 hour of labor approved for moving electric brake harness and verifying electric brake solenoid.

All claims must be submitted as claim type = "Field Modification"

The causal part = 46556146

Campaign will be valid until December 31, 2026