

SUBJECT: Chassis Upfit Electrical Connections
MODEL YEARS: 2024 & Beyond
AFFECTED MODELS: UD Model ONE & CAMPUS
INITIATION DATE: 02/22/2024
REVISION: XX/XX/XXXX

AWARENESS:

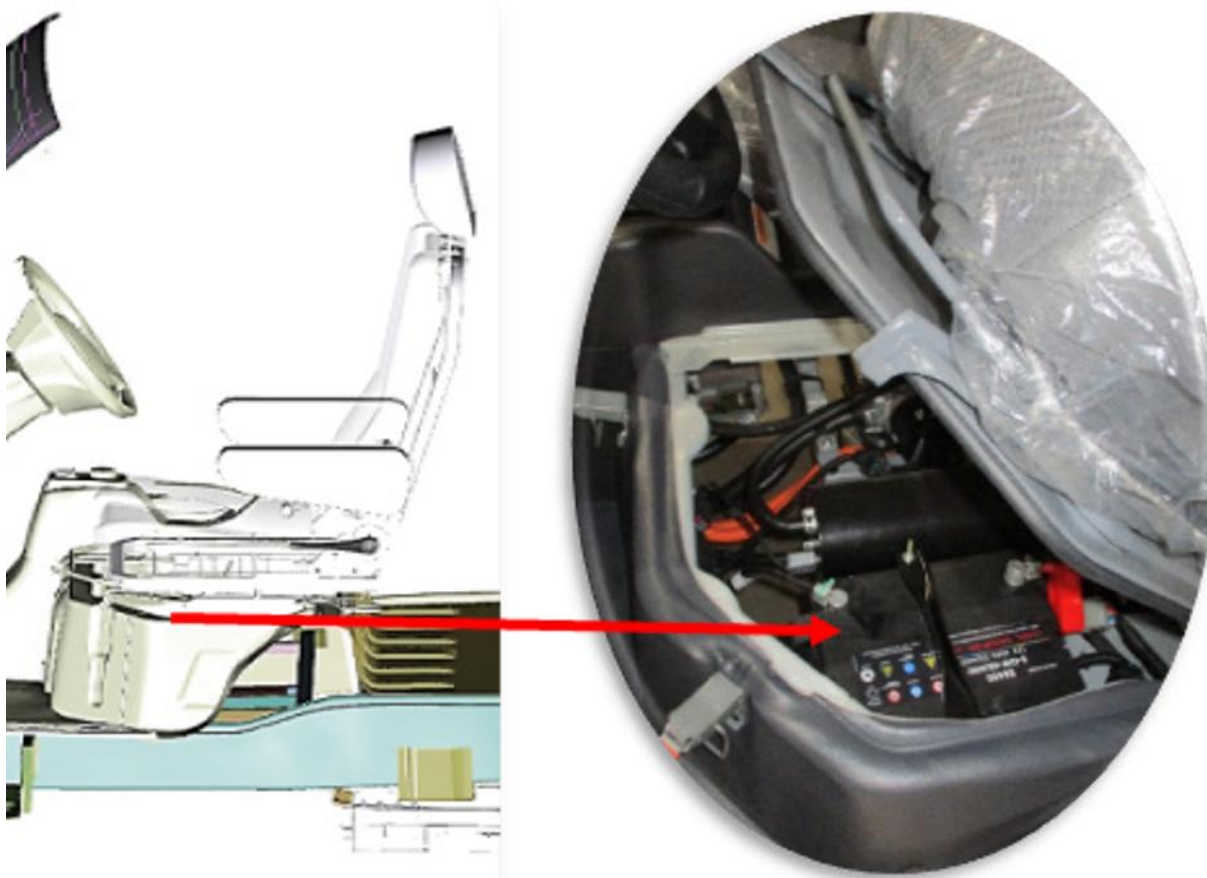
Description of Concern: Upfitters require Cab and Chassis electrical interface points for adding 12volt power and management for upfit equipment. Electrical access points identification.

Warning: Do not alter nor add upfit related electrical equipment to the vehicle Safety Systems electrical architecture.

Upfitter added electrical equipment should always be properly fused and have minimal parasitic voltage loss on the vehicles 12v Start battery. Upfit Equipment should draw less than 20 mA continuous within 30 seconds after vehicle ignition is keyed to OFF position

Solution: Approved Upfitter Electrical Access Locations

- Chassis 12volt Start Battery Driver Seat Location - Access



-12Volt Start Battery - Access



Driver Seat Battery location



+Positive Post - Hot Connection

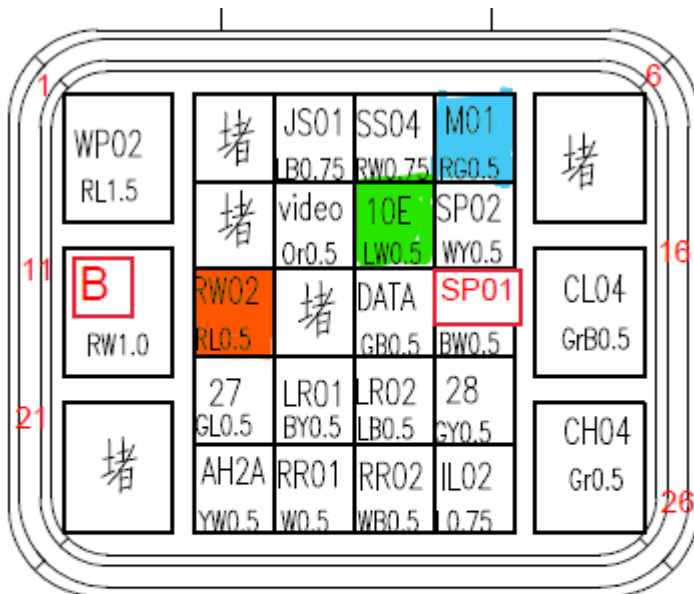


-Negative Chassis Ground Connection

-Upfitter Connector - Access (aft of 12v Battery)

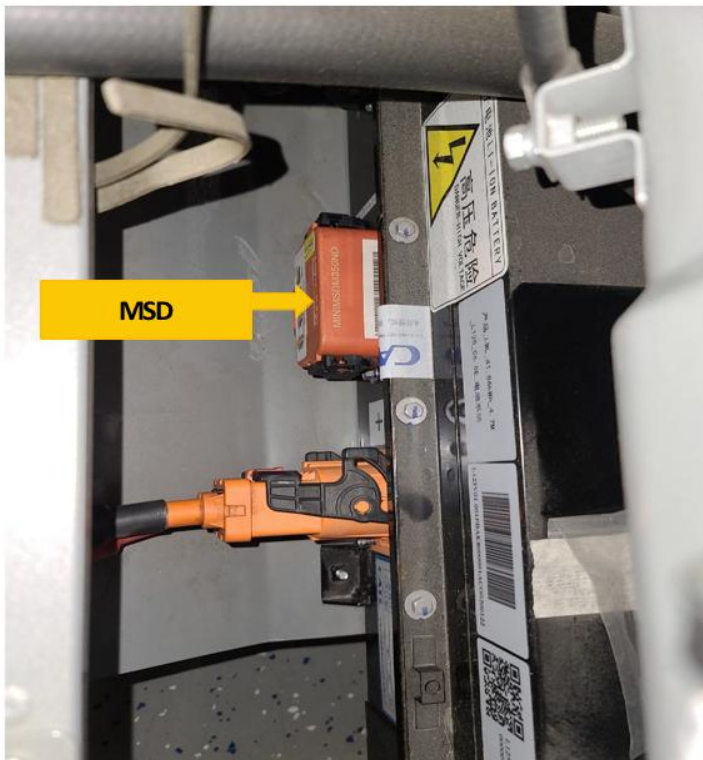


- Connector Pinout Layout – Feature / Wire Color ID



- Run / Start
- Run / ACC
- Reverse

-Manual Service Disconnect (MSD) / Driver Seat Location also accessible from underneath chassis



Supplemental Content: [2024 Mullen Upfit Guide \(mullenusa.com\)](https://mullenusa.com)

Reference; Mullen U.I. Bulletin #101, 103