

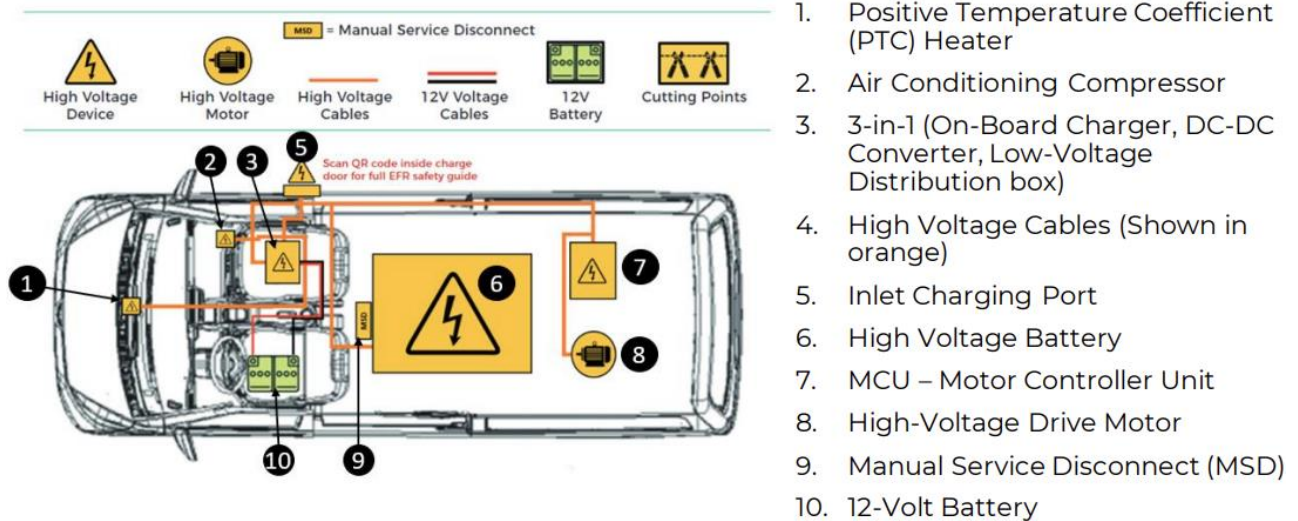
SUBJECT: No Drill Zones
MODEL YEARS: 2024 & Beyond
AFFECTED MODELS: UD Model ONE & UU Model THREE
INITIATION DATE: 08/29/2023
REVISION: 10/05/2023

AWARENESS:

Description of Concern: Mounting upfit equipment near NO DRILL/NO CUT zones for HIGH VOLTAGE Electrical safety.

Solution: Mullen ONE - NO DRILL/NO CUT ELECTRICAL AREA

High-Voltage Component Overview

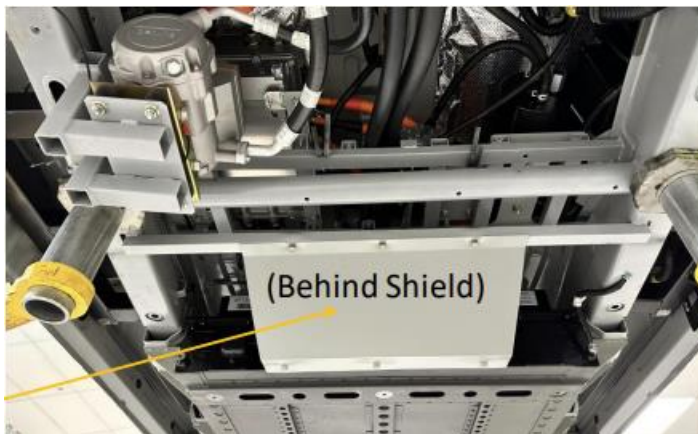


Regarding HIGH VOLTAGE Batteries/Components & Wiring.

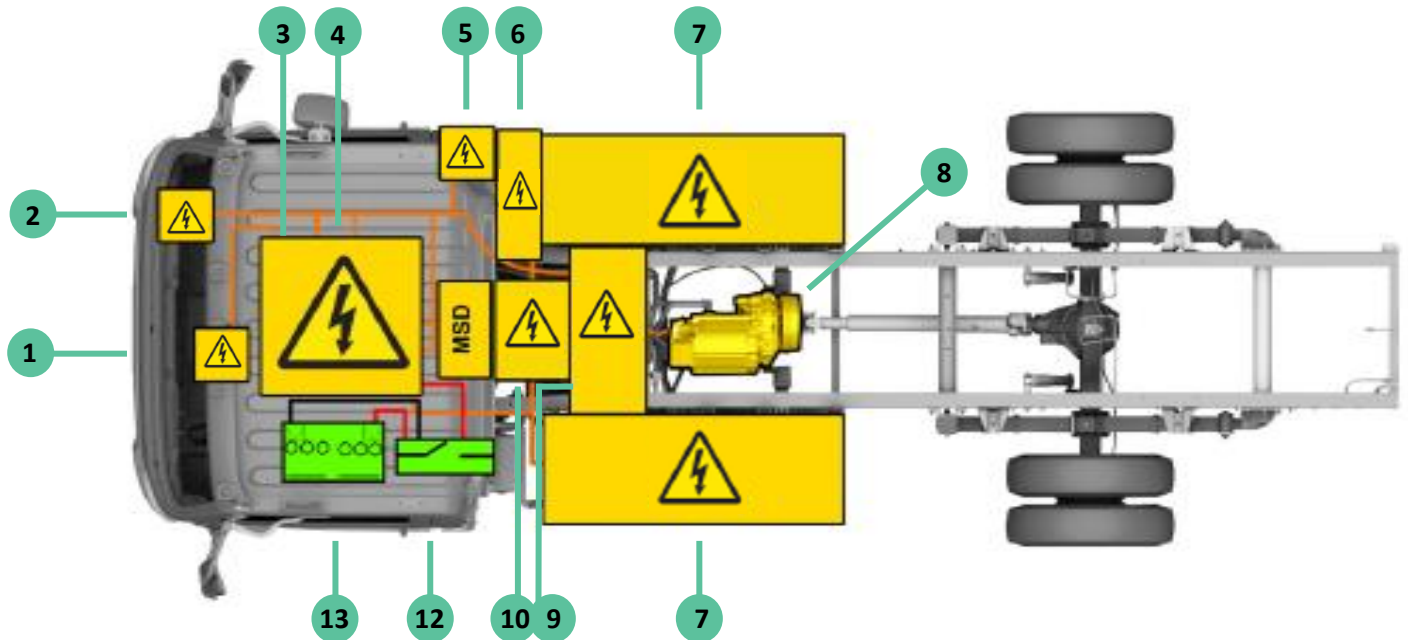
- 1) Maintain a minimum static clearance of 150mm / 3" between frame rail mounted HIGH VOLTAGE Batteries/Components/Wiring and Upfit Body/Equipment.
- 2) Do not alter or relocate HIGH VOLTAGE components from the OEM chassis location.
- 3) Do not mount Upfit Body/Equipment to the HIGH VOLTAGE Batteries/Components/Wiring.

















The Manual Service Disconnect (“MSD”) Uses a two-stage release tab. When removed, this component provides a way to safely disconnect the high voltage battery from related components.

Removing the manual service disconnect (MSD) from the high-voltage battery does not dissipate voltage inside the battery, the battery pack remains live and dangerous.



Mullen THREE - NO DRILL/NO CUT ELECTRICAL AREA



1. Positive Temperature Coefficient Heater (PTC)		7. High Voltage Battery (2 on each side)	
2. Air Conditioning Compressor (AC)		8. High Voltage Drive Motor	
3. Electro-Hydraulic Power Steering Pump (not shown – located beneath 4-in-1)		9. On Board Charger (OBD)	
4. Auxiliary Drive System (4-in-1)		10. Battery Disconnect Unit (BDU)	
5. Inlet Charging Port		11. Manual Service Disconnect (MSD)	
6. High Voltage Battery Heater		12. 12-Volt Manual Battery Disconnect Switch	
12-Volt (Negative) Cables		13. 12-Volt Battery	
12-Volt (Positive) Cables		High Voltage Cables	

Regarding HIGH VOLTAGE Batteries/Components & Wiring.

- 4) Maintain a minimum static clearance of 150mm / 3" between frame rail mounted HIGH VOLTAGE Batteries/Components/Wiring and Upfit Body/Equipment.
- 5) Do not alter or relocate HIGH VOLTAGE components from the OEM chassis location.
- 6) Do not mount Upfit Body/Equipment to the HIGH VOLTAGE Batteries/Components/Wiring.

The Manual Service Disconnect (“MSD”) Uses a two-stage release tab. When removed, this component provides a way to safely disconnect the high voltage battery from related components. Removing the manual service disconnect (MSD) from the high-voltage battery does not dissipate voltage inside the battery, the battery pack remains live and dangerous.



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