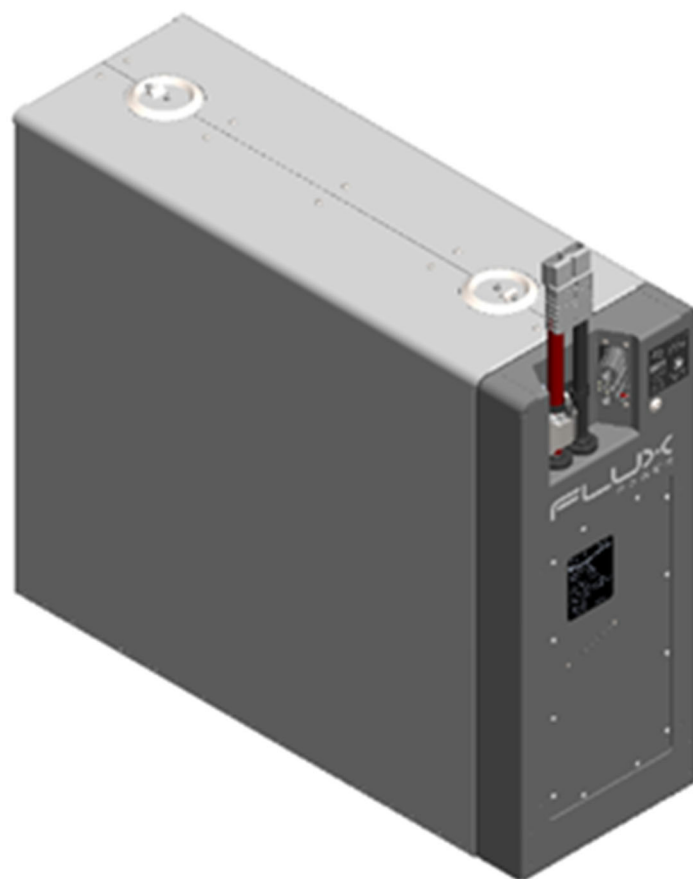
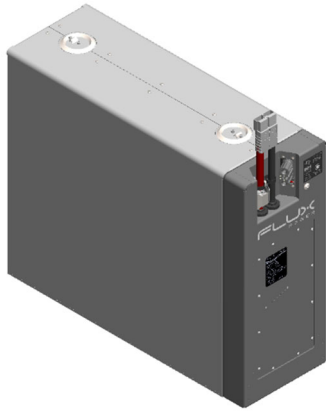


Flux Power M36-G1 Installation Guide

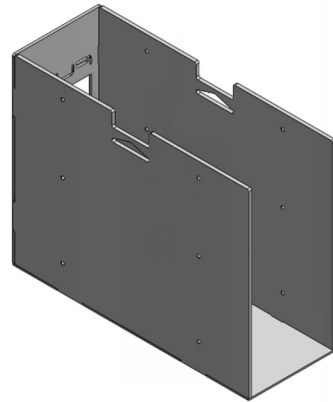


Installation

1 Deliverables



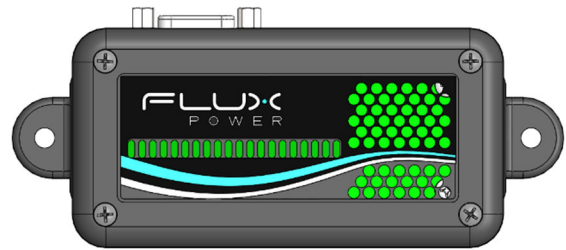
Battery
QTY: 1



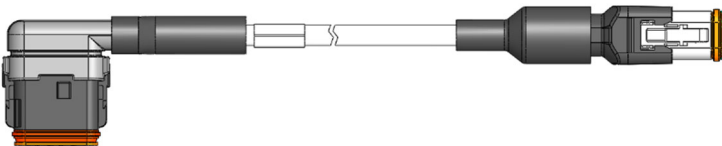
Weight Adapter
Qty: 1



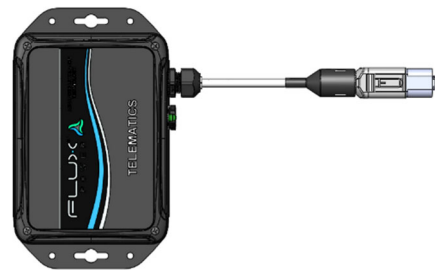
Power Cables Pre-inserted into Battery (varying connector and length)
QTY: 1



External SOC Gauge
QTY: 1



External Harness (varying connections and length)
QTY: 1



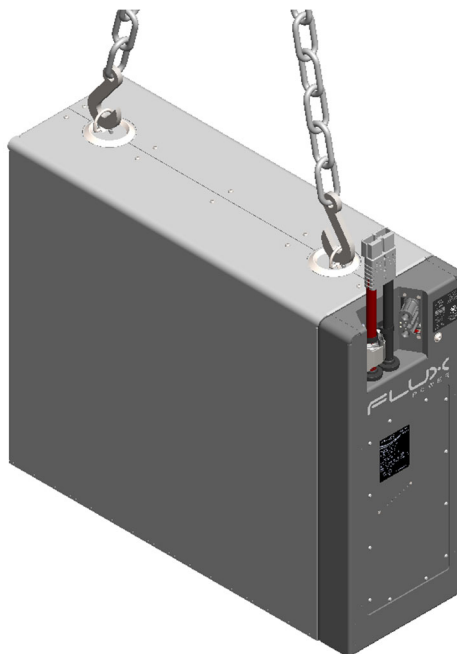
Telematics Box (if applicable)
QTY: 1

2 Battery Installation

2.1 Installing Battery into Weight Adapter

2.1.1 Lifting Points

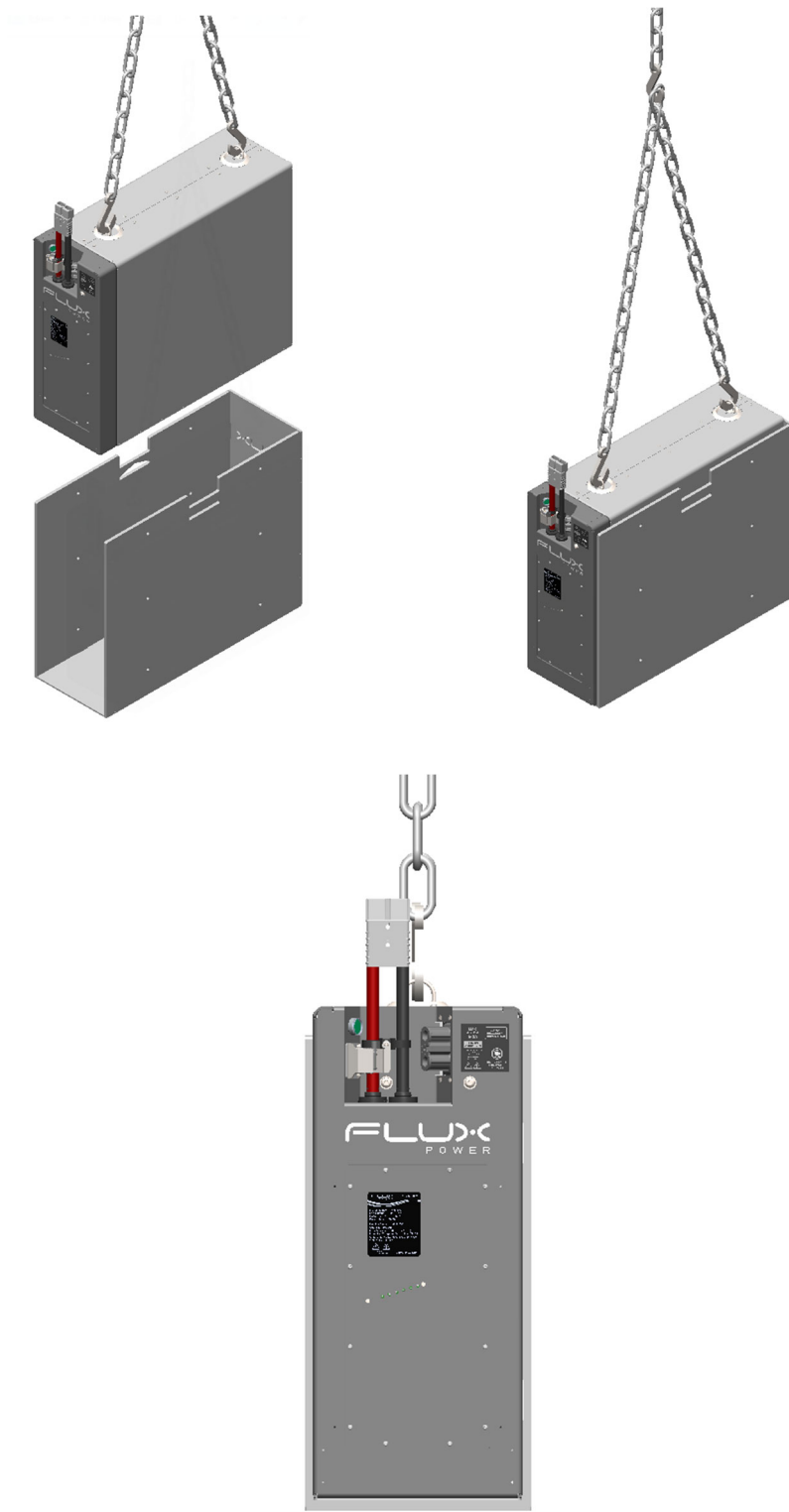
Use the two lifting rings of the battery to lift the battery. A set of hooks with proper chains or lifting straps is recommended.



Installation

2.1.2 Orientation

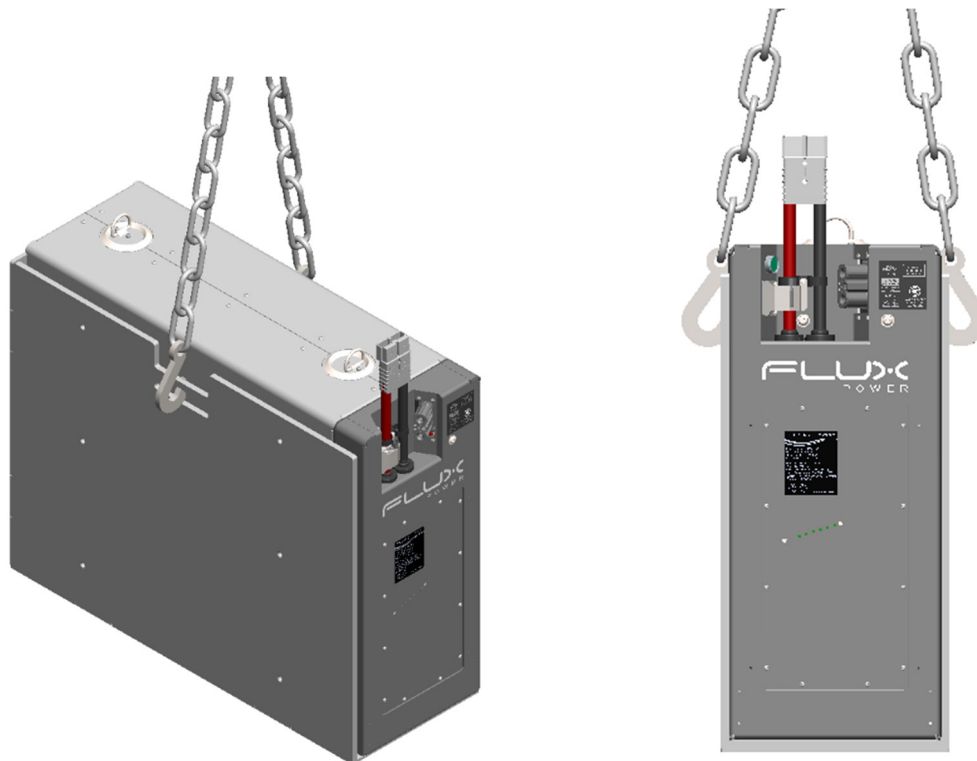
The battery should be oriented such that the front of the battery faces the same direction as the open side of the weight adapter. The I.D. plate of the battery faces this direction as well.



2.2 Installing Battery and Weight Adapter into Truck

2.2.1 Lifting Points

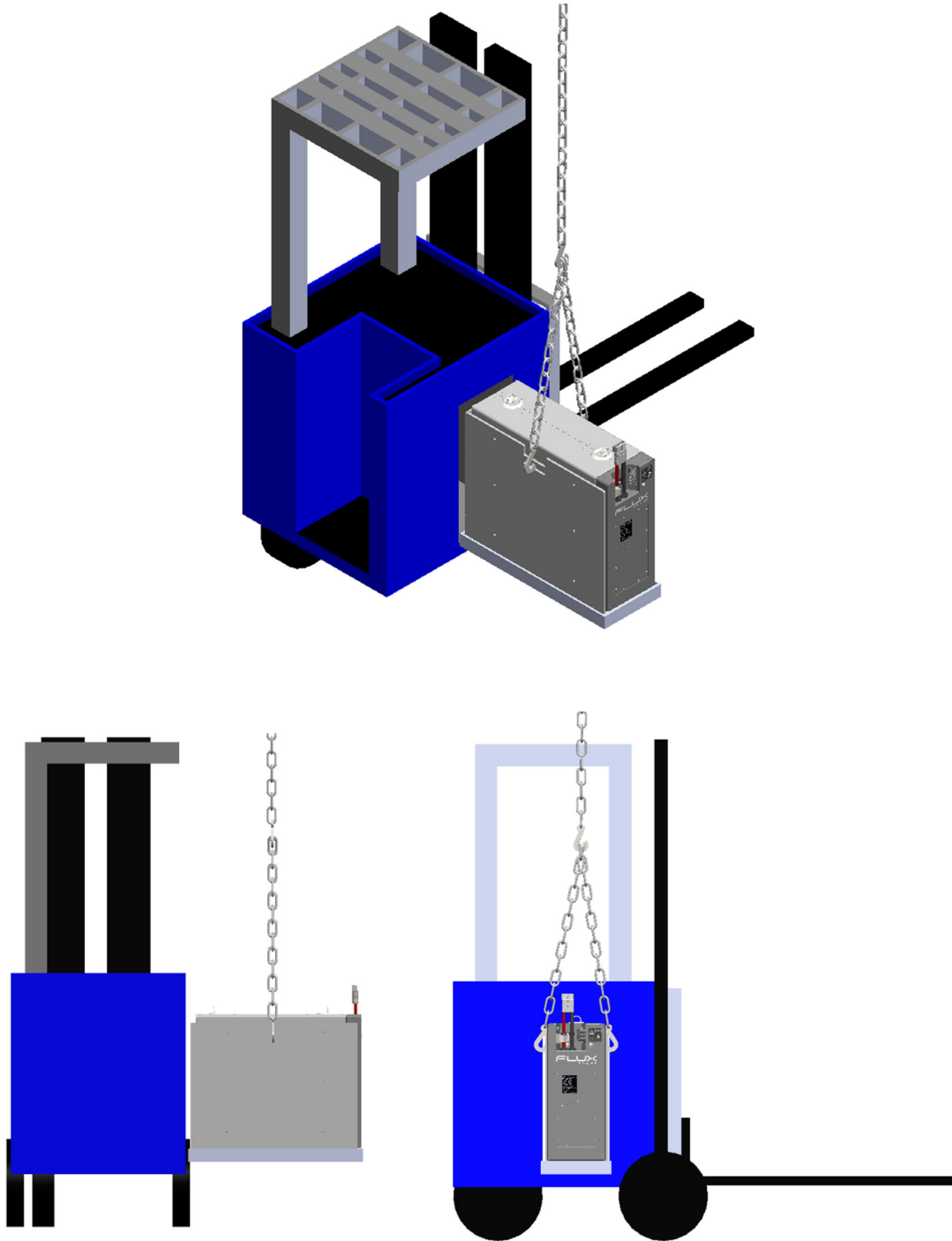
Use the two lifting points on the side of the weight adapter to lift the unit. A set of hooks with proper chains or lifting straps is recommended.



Installation

2.2.2 Slide-in

Sliding the battery into the compartment requires the battery and weight adapter to be suspended in the air and then pushed into the compartment. The truck's battery compartment will have a sliding tray for the battery to slide in and out of the compartment. This may require one truck to suspend the loaded sliding tray in the air and a second truck to push the loaded sliding tray back into the compartment. Pull the sliding tray out to place the unit on, and then push the tray back into the compartment. Remove the lifting equipment before sliding the battery into the compartment.

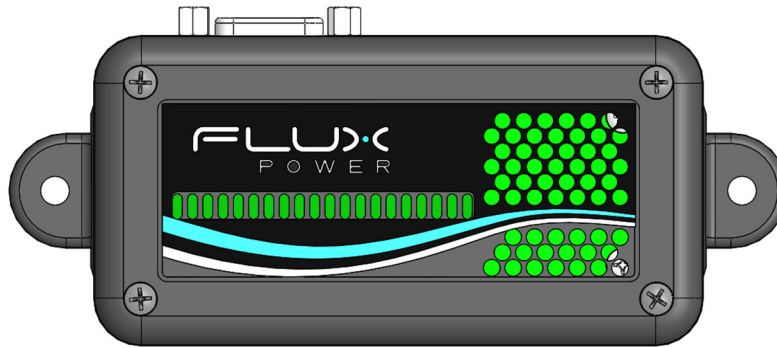


3 External Accessories Installation

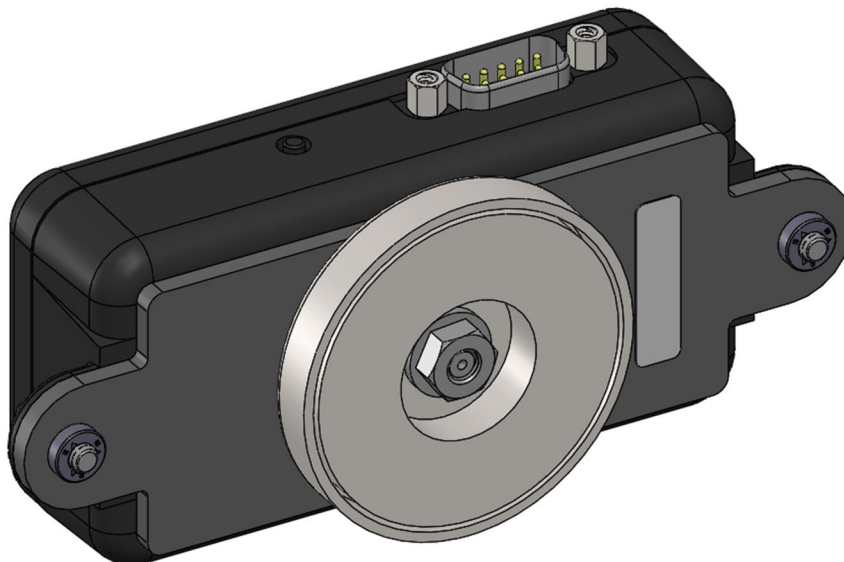
3.1 External SOC Gauge

3.1.1 Mounting Points

The external SOC gauge has two mounting points to mount onto the truck frame. These two mounting points can be mounted onto the truck with self-tap screws or zip ties.



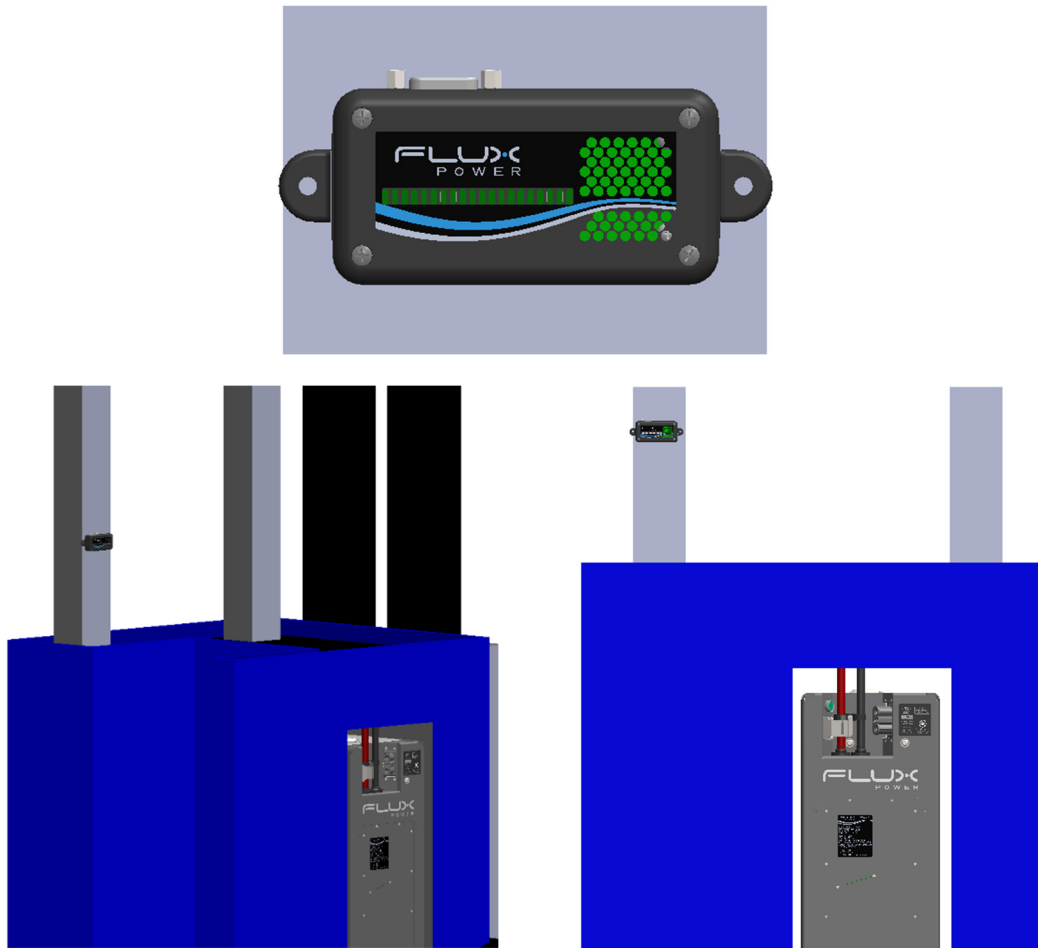
Some external SOC gauges may also come secured to a metal with a magnet on the back. The magnet is the main mounting point for this version of the external SOC gauge.



Installation

3.1.2 Mounting Location

Mount the external SOC gauge so that the Flux Power logo and the LEDs face the operator. Mount the SOC gauge on a secured spot where collisions with other objects cannot damage it.



3.2 Telematics

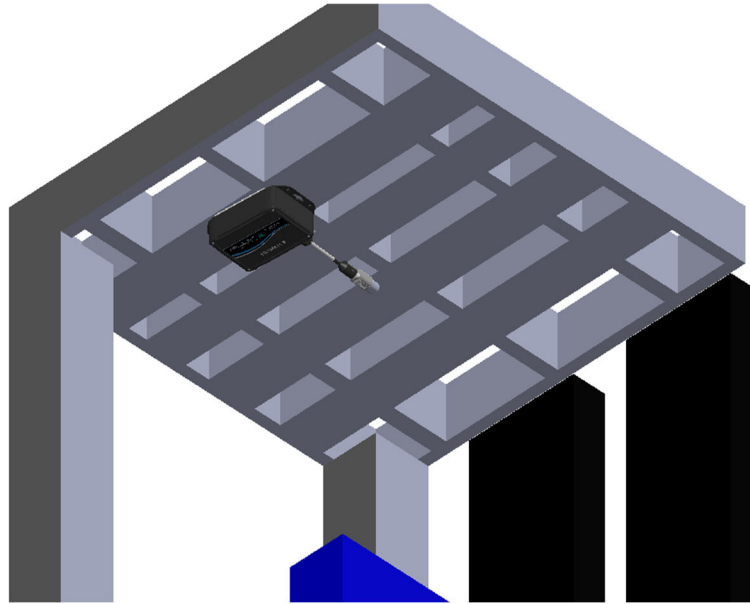
3.2.1 Mounting Points

Use the four holes on the side to mount the telematics box onto the truck by tapping into the truck frame, or use the two slots on the side to zip-tie the telematics box onto the truck frame.



3.2.2 Mounting Location

Mount the telematics box underneath the overhead guard. If no overhead guard is present, mount the telematics box on a secured spot where collisions with other objects cannot damage it.



3.3 External Harness

3.3.1 Mounting Points

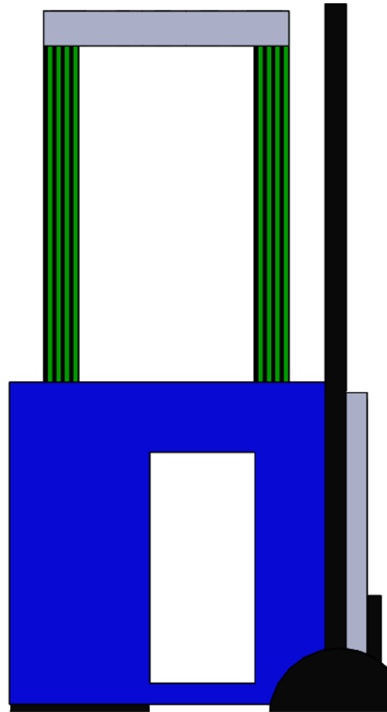
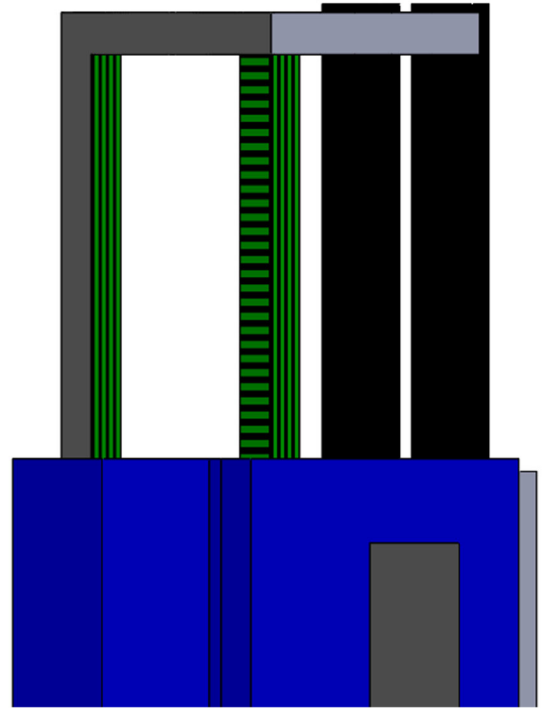
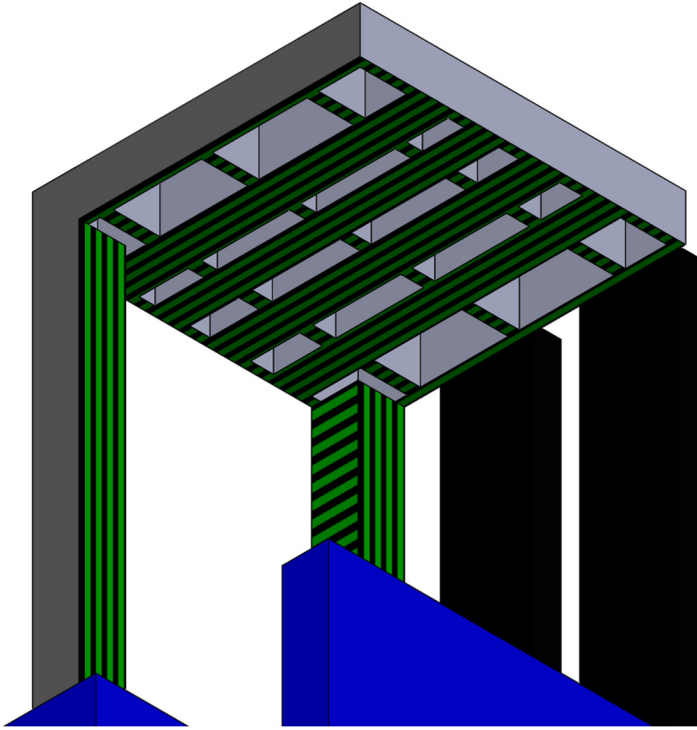
Use zip ties to mount the external harness's body along the truck frame. Different external harnesses have different connectors depending on the truck and the customer's order.

3.3.2 Mounting Location

Wrap the external harness inside the truck frame to limit damage to the harness from the truck's surroundings. Recommended locations are highlighted in striped green. Areas to avoid are highlighted in checkered red.

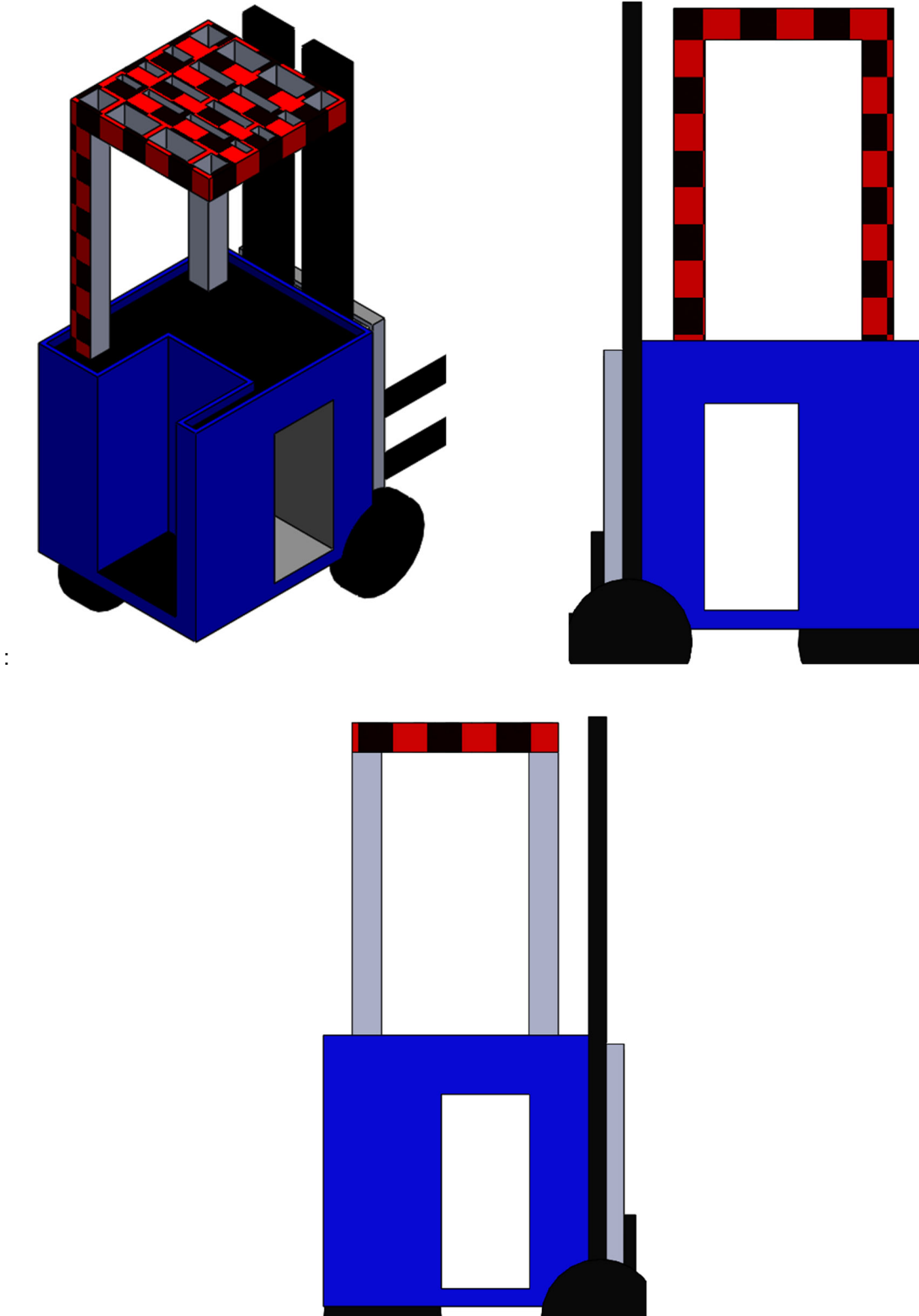
Recommended locations in striped green:

Installation



Installation

Avoid mounting the harness in areas where it can be pinched or scraped. Areas to avoid in checkered red

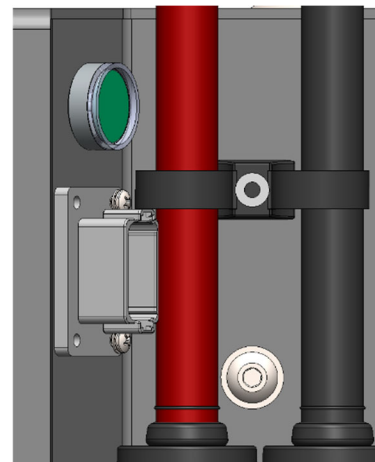
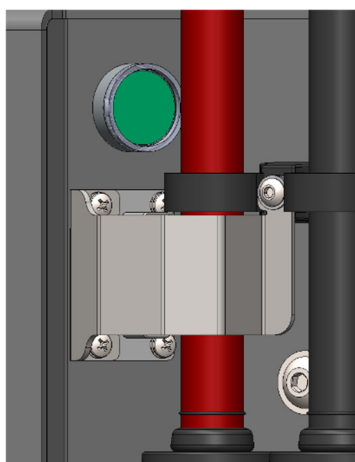
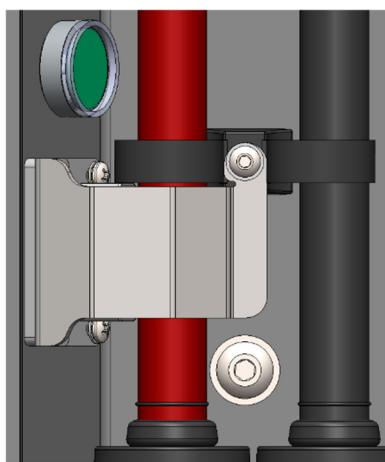


4 Operation

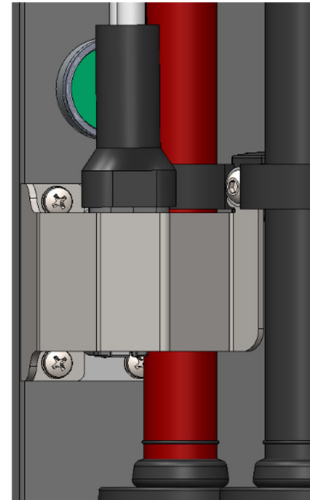
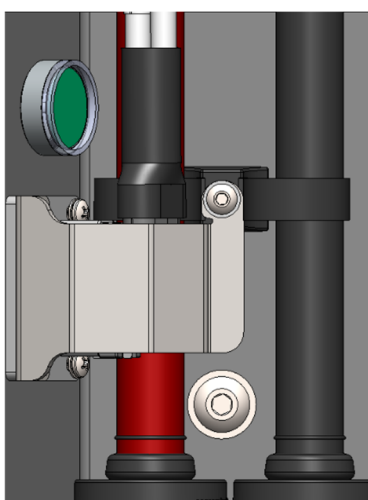
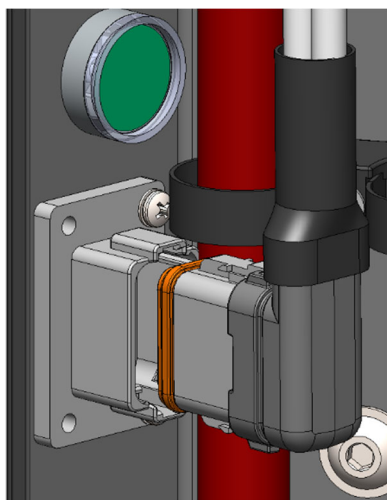
4.1 Discharging the Battery

The battery must have an external harness and all connectors connected adequately to any external accessories present to discharge. External harness connections will vary between different harnesses and truck configurations. An external harness will connect to the battery's 12-pin communications port. The battery's power cables will have a complimentary connector to the truck. The power cables are always connected to the truck. Do not charge through the power cables.

An external harness connection to the 12-pin communications port's connection requires the removal of a protective metal bracket for accessibility to the 12-pin communications port. The protective bracket is held onto the battery with three screws:

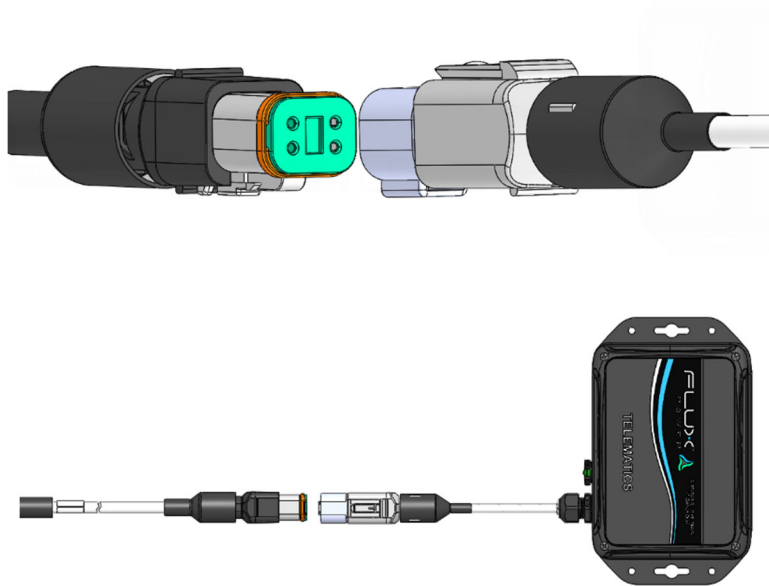


Place the protective metal bracket back onto the battery after inserting the external harness:

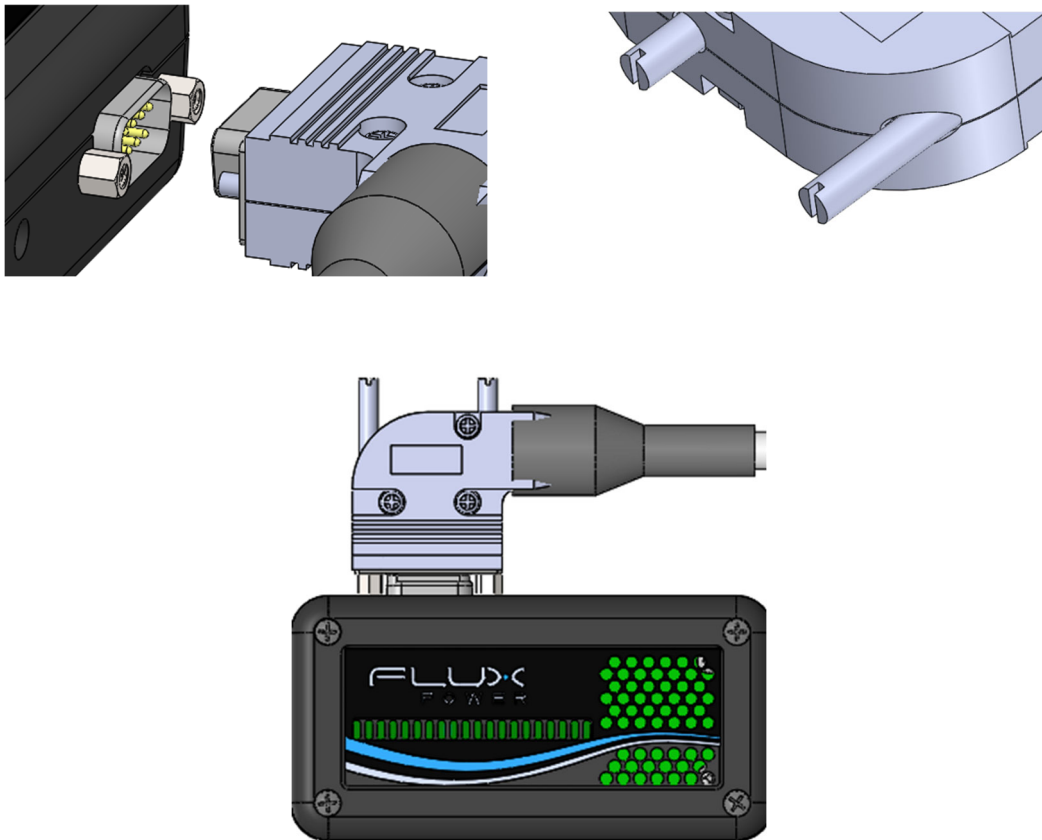


Installation

Telematics harness connection is a 4-pin connection:

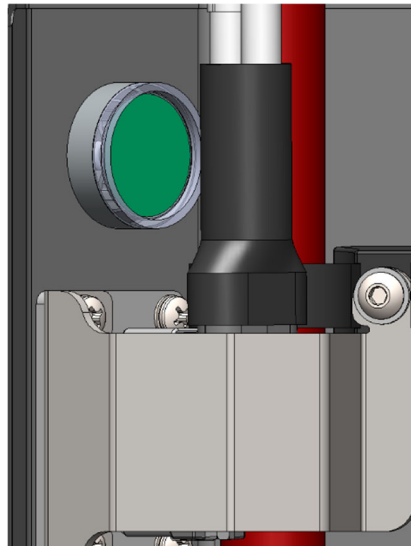


The external SOC gauge connection is a 9-pin connection. Turn the set screws on the connector to properly secure this connection:



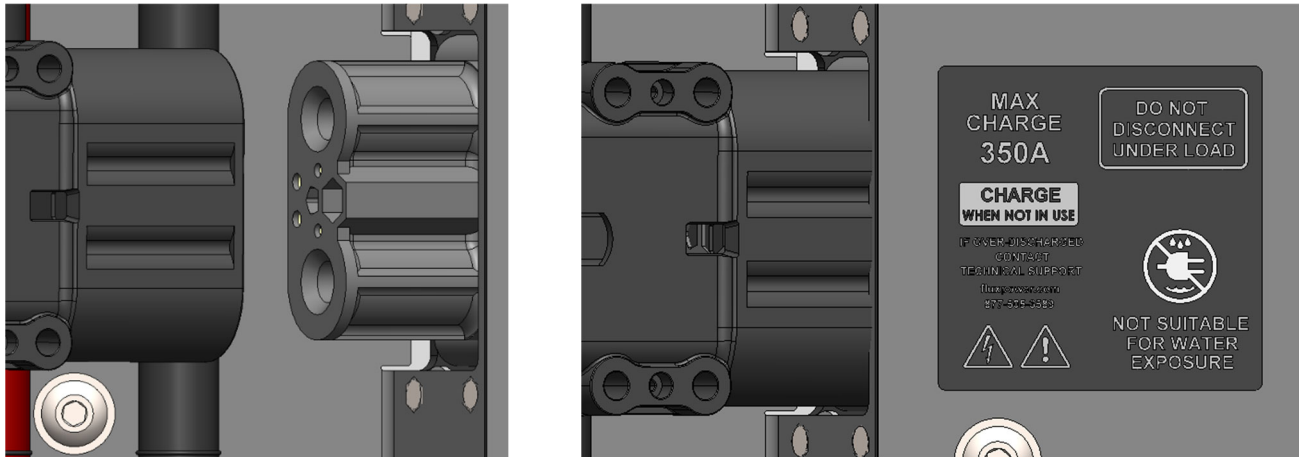
Installation

The battery is turned ON by pressing the push button so that it is indented inwards. When the battery is ON, the push button will illuminate. The battery is turned OFF by pressing the same button so that it indents out. When the battery is OFF, the push button will no longer illuminate.



4.2 Charging the Battery

The battery's charge port will have a complimentary connector to the external charger. The connector will be an A320, but some battery configurations may vary. After 10 seconds of detecting a proper connection to the charger, the battery will cut power to the truck. Within those 10 seconds, the external SOC gauge of the battery will alarm. If the charger's connector is not fully inserted into the charge port, the battery will not charge.



5 Flux Power Contact Details

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Email: Support@fluxpower.com

Web: www.fluxpower.com

WARNING – Risk of Fire – No User Serviceable Parts

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