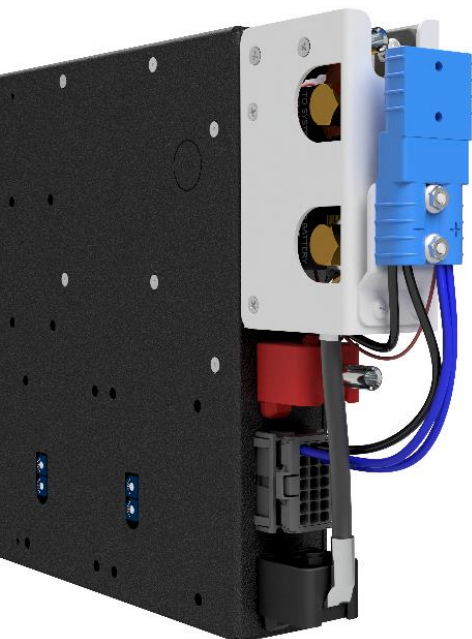


CAN K Shunt Kit Build Guide

INS0189



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Tools

Tool	Description	Visual
PH2 Phillips Head Screwdriver	PH2 Phillips Head used for screwing and unscrewing the phillips head screws provided in this build.	
Socket set – Ratchet Driver	A Socket set and ratcheting Socket driver.	

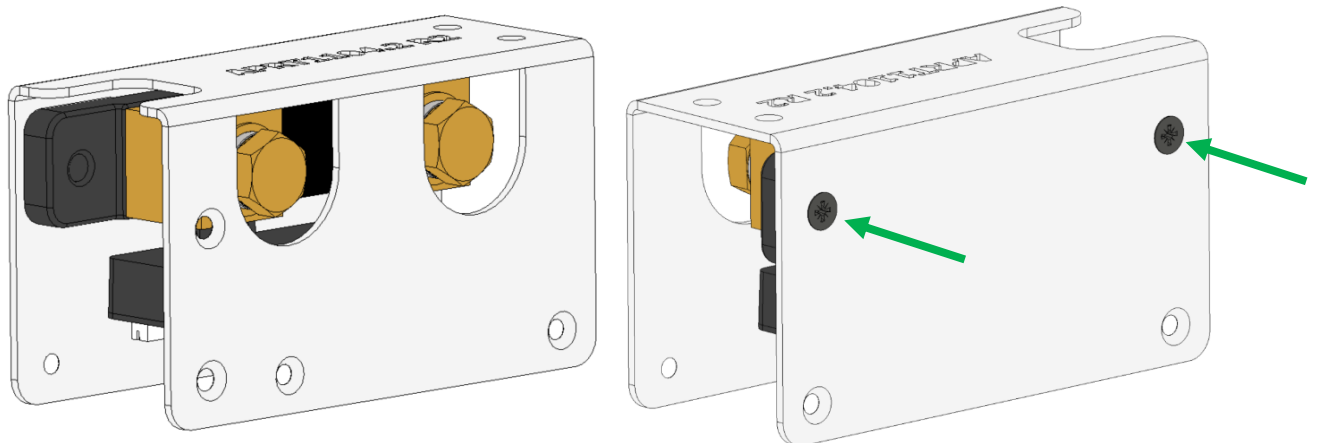
Install Guide:

The below three-stage install guide will cover the step-by-step process of assembling the Cangoee Shunt Kit. This kit is designed to fit on a Cangoee slim battery and provides an easy connection for the DCDC charging through the vehicle and an ignition sense.

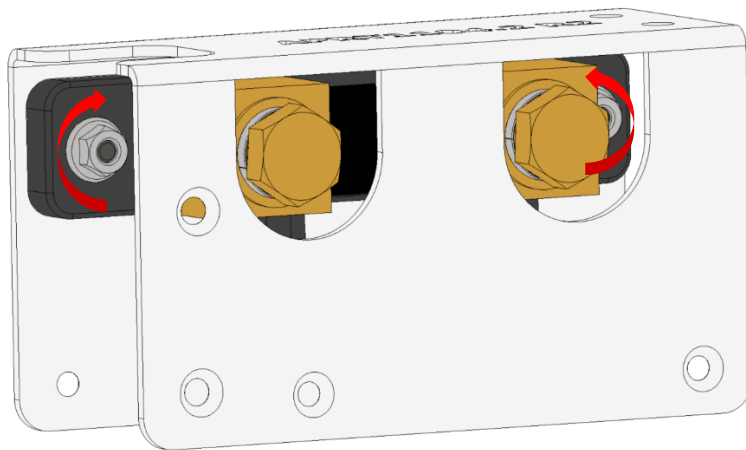
Make sure to view images and read through this step-by-step guide carefully to ensure that the new CANK Shunt Kit is built correctly.

Stage 1 – Inserting the Shunt

1. Begin by placing the shunt inside the main bracket and inserting the two M4x16mm screws.

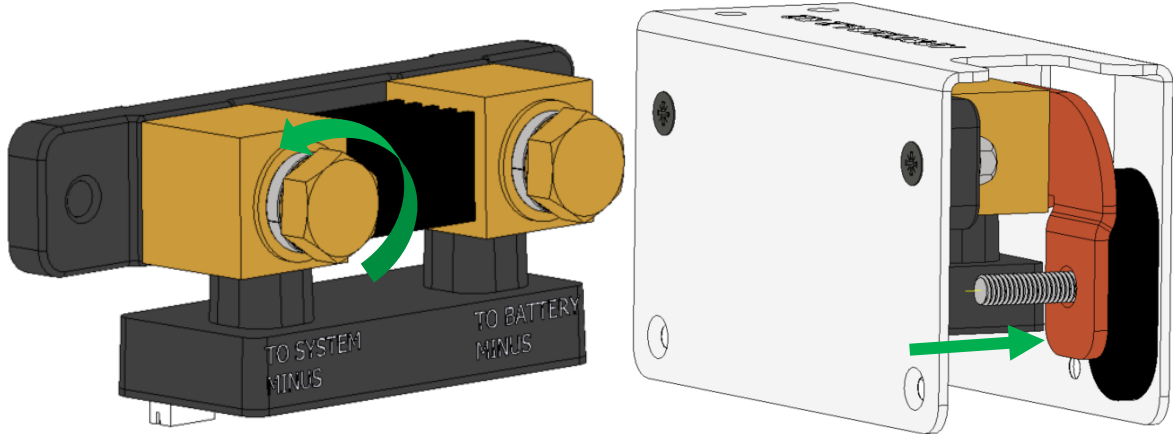


2. Attach the flange nuts to the other end and tighten using the PH2 screwdriver and the ratchet with an 8mm socket head.

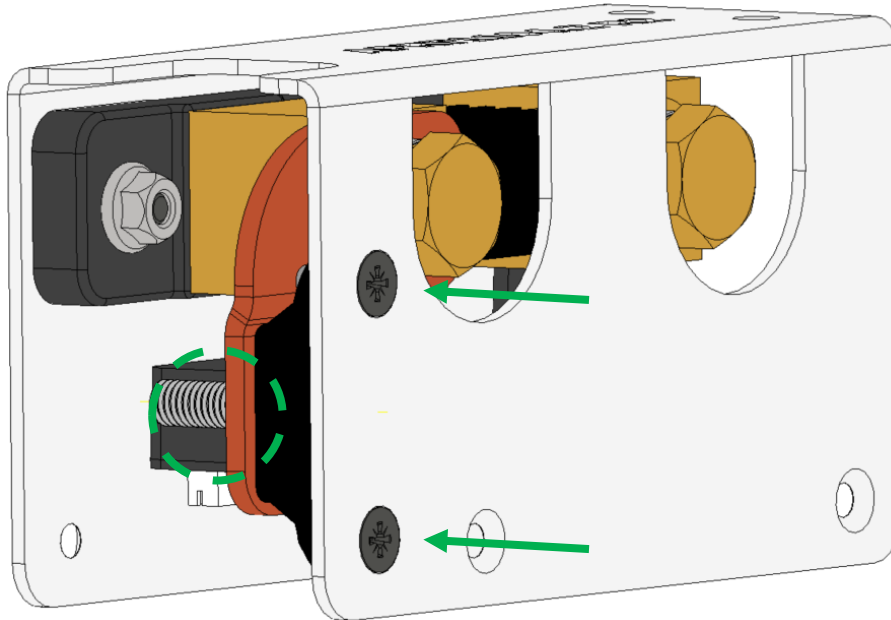


Stage 2 – Inserting the Terminal Post and Bus Bar

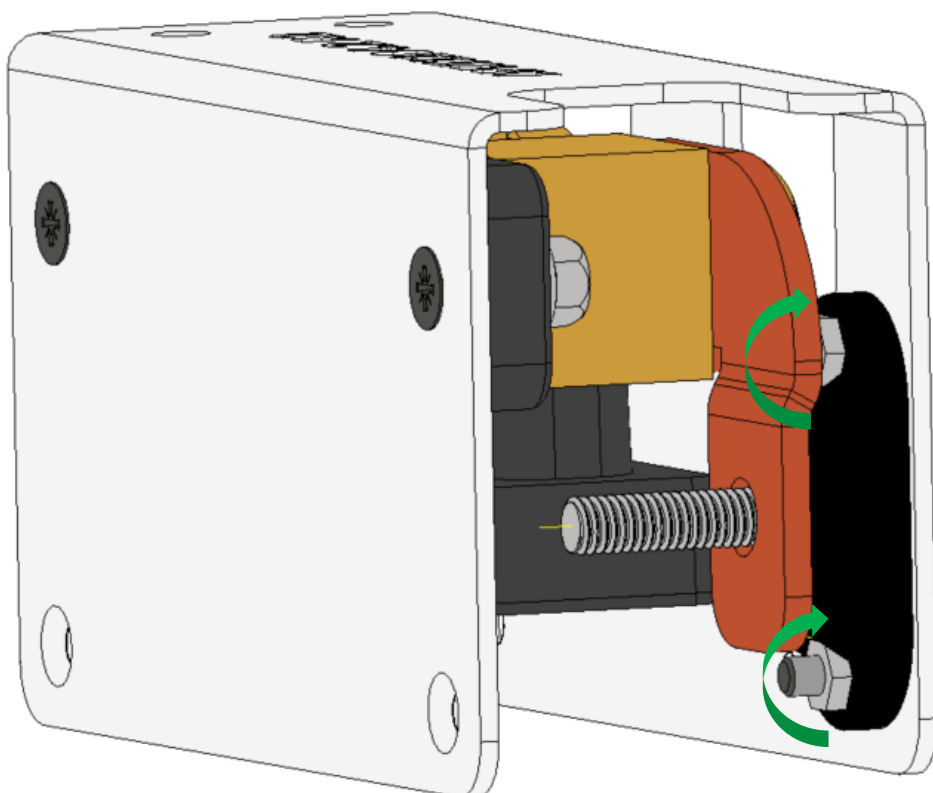
1. Unscrew the large brass bolt on the left side of the shunt place the corresponding end of the bus bar near the shunt. Screw the brass bolt back in place making sure the bar stays in place. Do not tighten the bolt completely just yet.



2. Insert the two M4 x 12mm screws through the main bracket to secure in the terminal post as you do this ensure the post goes through the hole on the bus bar.

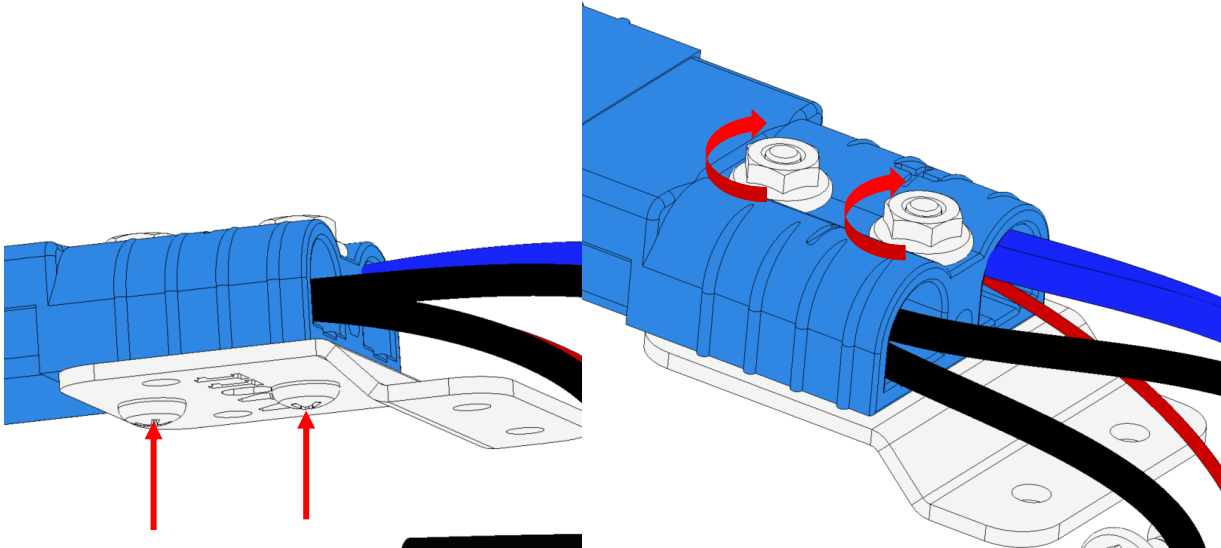


3. Tighten the M4 flange nuts to the ends of the screws with an 8mm ratchet socket head. Tighten in the direction shown. Then go back and tighten the shunt brass screw with an 18mm socket head.

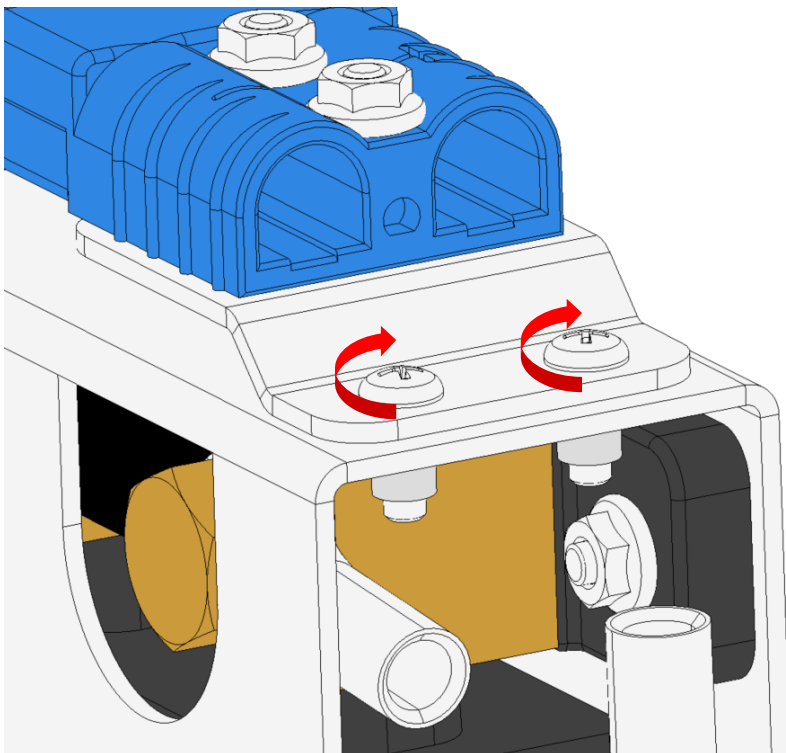


Stage 3 – Installing the Anderson DCDC Connector

1. Attach the blue Anderson and secure in place with the large button head M4x20mm screws, these will need to be secured with M4 Flange nuts. Use both the PH2 Phillips head screwdriver and the 8mm socket end to tighten this in place.

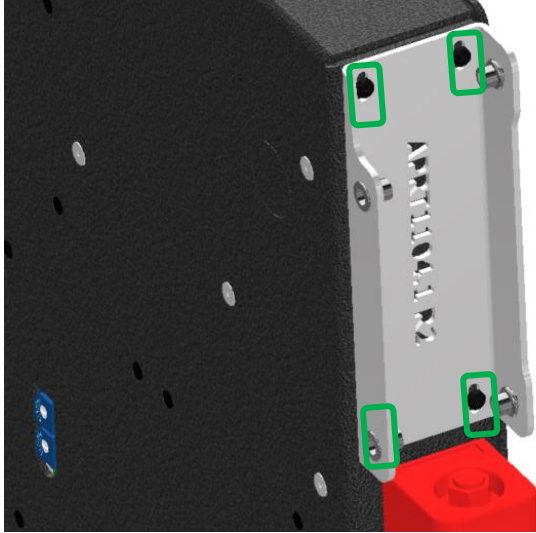


2. Place the Anderson bracket on top of the main bracket and insert the button head M4x14mm screws. Secure into the pre-installed nutserts using a PH2 Phillips head screwdriver.

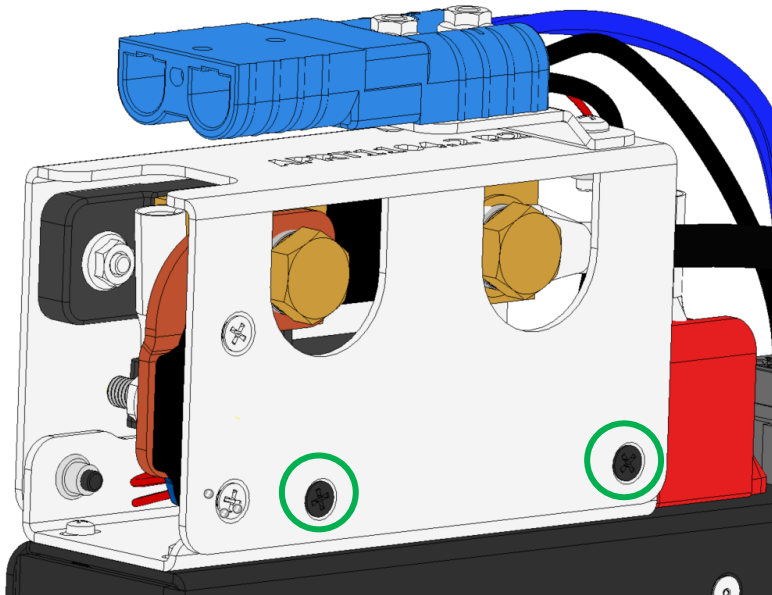


Stage 4 – Installing the Connector/ Bottom Plate

1. Take the bottom connecting plate (APRT1104.1 R2) and attach it to the battery using four M4x10mm self-tapping screws tighten with the PH2 Phillips Head Screwdriver. The plate should align with the 4 holes located on the front of the battery. **Please Ensure that you do not over tighten, as these screws will be screwing into plastic which may strip and or break from over tightening, please ensure care is taken when attaching this bracket.**

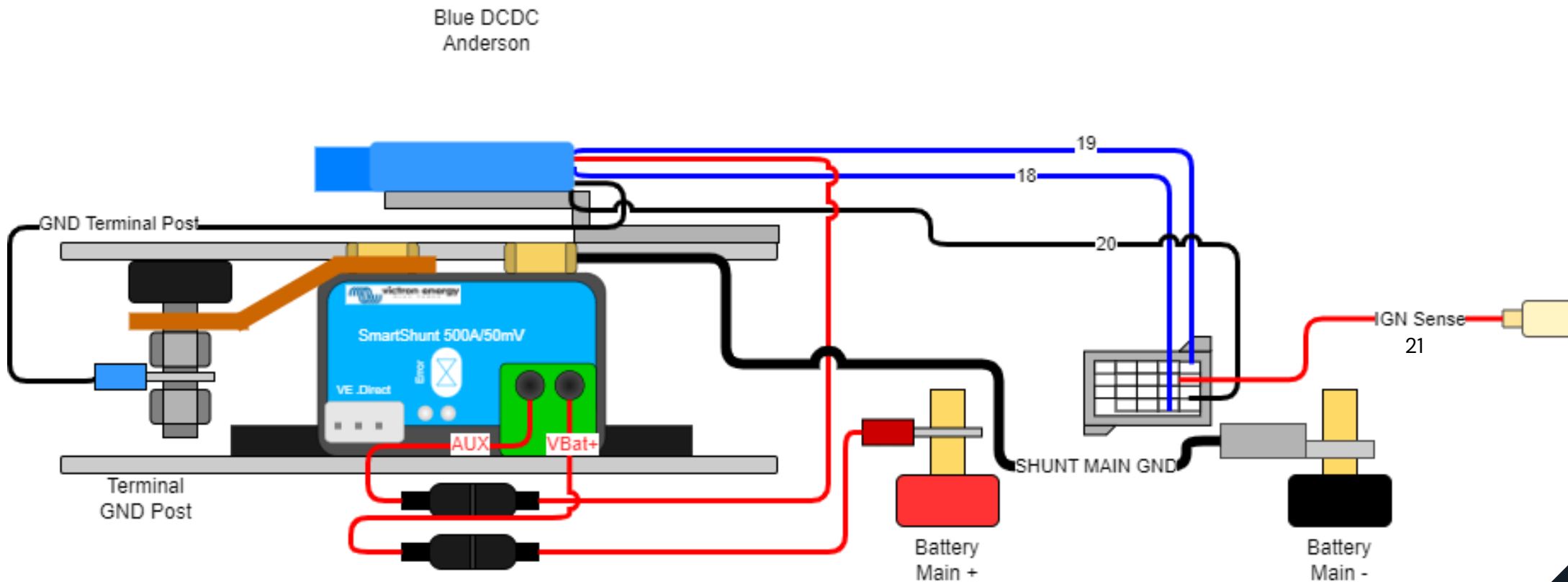


2. Attach the main bracket and secure with M4x12mm CSK screws, two on each side which screw directly into the pre-installed nutserts, secure these using the PH2 Phillips head screwdriver.



Stage 5 – Wiring up the CANK Shunt Kit

1. Carefully view the below diagram to see how the shunt kit is wired up.



Please Note

Cangoee strongly recommends that installers do not disassemble, rearrange, or misplace components of the battery system as this could result in improper function, malfunction, or serious damage to the battery system.

Once again, we urge that installers where appropriate PPE gear when assembling and disassembling and that safety guidelines and warnings are adhered to.

WARNING

This install works with electrical components, ensure all safety guidelines are followed and proper equipment is used during this Install. Failing to follow these guidelines could result in incorrect installation of the Cangoee Shunt, damage to the battery, malfunction, or severe injury.

Congratulations!

Your brand new Cangoee
Shunt Kit is Installed!

