



# Installation Instructions

## DGK15FL CAM-LOKS



### Kit Contents:

- **(1) Single Phase CAM-LOK Assembly**

### Tools & Materials Required:

- **Flashlight**
- **Plastic Trim Rivet Removal Tool**
- **Long Needle Nose Pliers**
- **10 mm socket - 3/8 drive**
- **Impact Driver with 3/8 adapter**
- **13 mm ratchet wrench**
- **3/4" open-end wrench**

## INSTALLATION INSTRUCTIONS

- Step 1: Verify Kit Contents.
- Step 2: Read through installation instructions before attempting.
- Step 3: Release the Right Enclosure rear door latch, then open both right enclosure doors. (Figure 1)

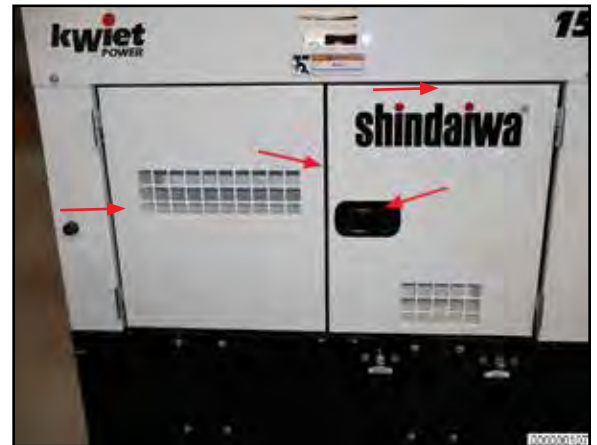


Figure 1

- Step 4: Using a 13 mm ratchet wrench, remove bolt and washer securing cables to the negative side of the battery. (Figure 2)



Figure 2

- Step 5: Position cables out of the way, then reinstall bolt and washer to battery terminal. (Figure 3)

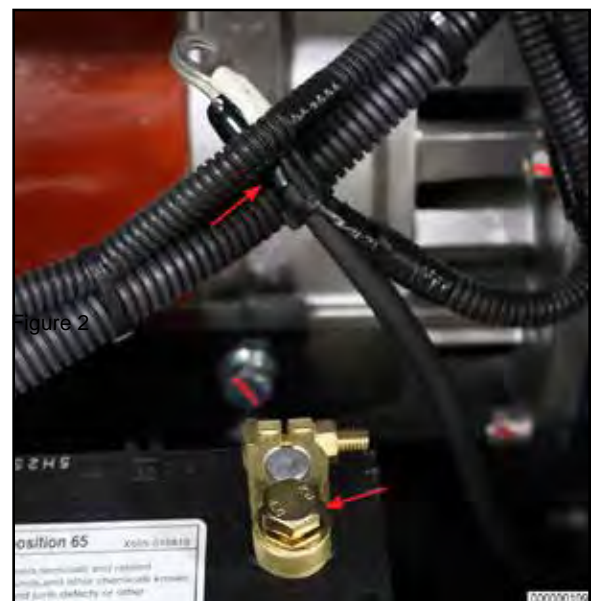


Figure 3

- **Step 6:** Using a 10 mm socket and impact driver, remove six (6) bolts securing the Front Check Panel to the Enclosure Frame Panel. Discard front check panel. (Figure 4) Retain bolts for use in installation of new CAM-LOK panel.



Figure 4

- **Step 7:** Using plastic trim rivet removal tool, remove seven (7) plastic rivets securing plastic sheet located behind terminal cable connectors. (Figure 5)



Figure 5

- **Step 8:** With plastic rivets removed, push plastic sheeting up and out of the way, over the back of the alternator. (Figure 6)



Figure 6

- **Step 9:** Using a 13mm socket and driver, removal all five (5) bolts securing the Panel to the Enclosure Frame. (Figure 7) Retain the bolts for reinstallation.



Figure 7

- **Step 10:** Reposition all four cables attached at the rear of the new Cam-Lok panel so that they are vertical, then lifting the CAM-LOK panel upward, pass cables through horizontal slot in the lower portion of the Enclosure Frame Panel. (Figure 8)
- **Step 11:** Grasp both left and right sides of the Enclosure Frame Panel and pull it away from the Enclosure Frame as much as possible. It won't fall off and nothing will become disconnected, this is to gain additional clearance for the next step.
- **Step 12:** Using a 3/4" combination wrench, loosen, then remove the nut, lockwasher and brass washer from the NEUTRAL terminal post. (Figure 9).



Figure 8



Figure 9



- **Step 13:** Route and attach the NEUTRAL cable from the CAM-LOK panel to the NEUTRAL terminal post. Secure in place using previously removed brass washer, lockwasher and brass nut. Tighten nut till snug. (Figure 10).

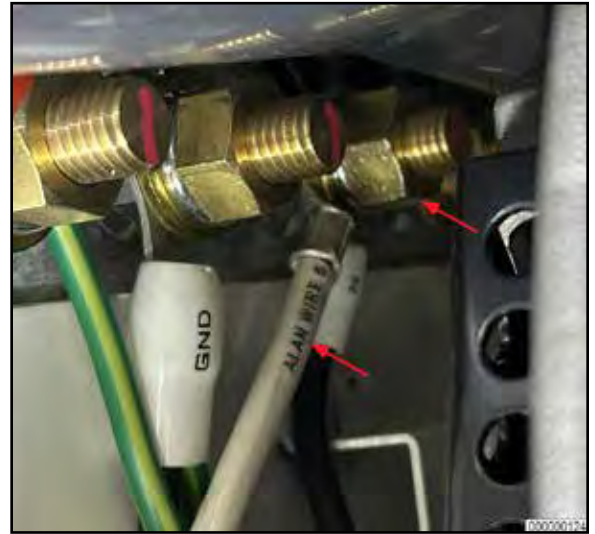


Figure 10

- **Step 14:** Repeat steps 12 and 13 for the Ground cable.
- **Step 15:** Repeat steps 12 and 13 for the "A" phase cable.
- **Step 16:** Repeat steps 12 and 13 for the "B" phase cable. Completed cable connections shown. (Figure 11).

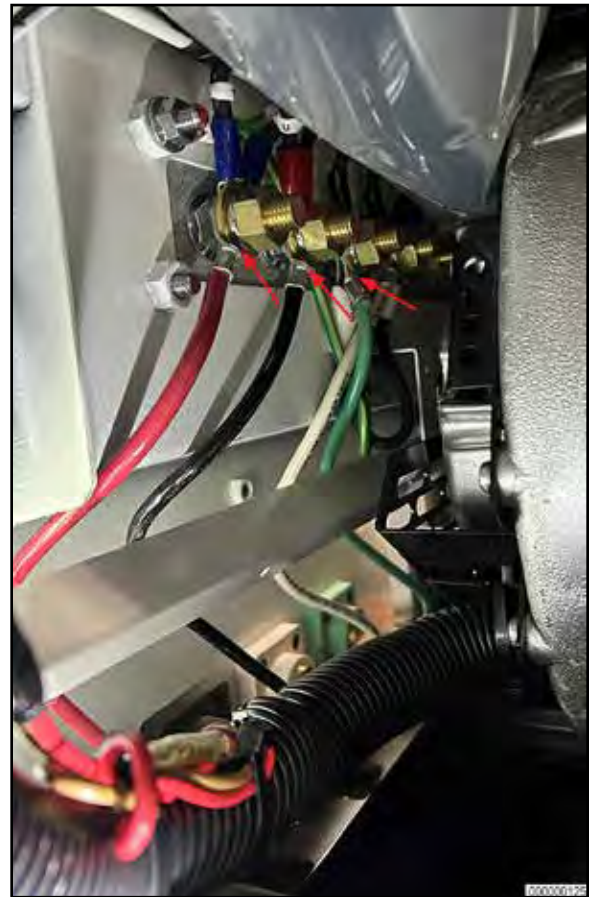


Figure 11

- **Step 17:** Reattach the panel to the Enclosure Frame with five (5) previously removed bolts using a 13mm socket and driver, removed in Step 9.
- **Step 18:** Attach and secure the new CAM-LOK panel using the previously removed six (6) bolts with a 10mm socket and impact driver. (Figure 12)



Figure 12

- **Step 19:** Reposition the plastic sheet back over the terminals and newly installed cables. Secure in place with the previously removed plastic rivets. (Figure 13)



Figure 13

- **Step 20:** Remove bolt and washer from negative battery terminal, reposition and reattach cables using washer and bolt. Secure bolt using a 13mm ratchet wrench - DO NOT OVERTIGHTEN bolt - Snug only. (Figure 14)
- **Step 21:** Close and latch door.

**Installation of the CAM-LOKS is now complete.**



Figure 14