



Installation Instructions

DGK125F\FU\FP CAM-LOKS



Kit Contents:

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

Tools & Materials Required:

- **#2 Phillips Screwdriver**
- **13 mm ratchet wrench or equivalent**
- **10 mm socket - 3/8 drive**
- **Impact Driver with 3/8 and 1/2 adapter**
- **3/4" open-end wrench**
- **3/4"-1/2 drive socket**
- **15/16"-1/2 drive socket**

INSTALLATION INSTRUCTIONS

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



Figure 1

- Step 4: Remove nut and washer securing NEGATIVE battery cable to NEGATIVE terminal using a 13mm wrench. (Figure 2)



Figure 2

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



Figure 3

- Step 6: Release door latch on Right Enclosure Side Door then open door. (Figure 4)



Figure 4

- **Step 7:** Using a 10 mm socket and impact driver, remove two (2) bolts securing the Right Enclosure Side Door to the Enclosure Frame. (Figure 5) Retain bolts for reinstallation.



Figure 5

- **Step 8:** Using a 10 mm socket and impact driver, remove six (6) bolts securing the Blank Panel from the Right Enclosure Side Door. (Figure 6) Retain bolts for reinstallation with CAM-LOK.
- **Step 9:** Discard Blank Panel.



Figure 6

- **Step 10:** Using a 10 mm socket and impact driver, remove eight (8) bolts securing the Right Enclosure Side Door Rear Cover. (Figure 7) Retain bolts for reinstallation.

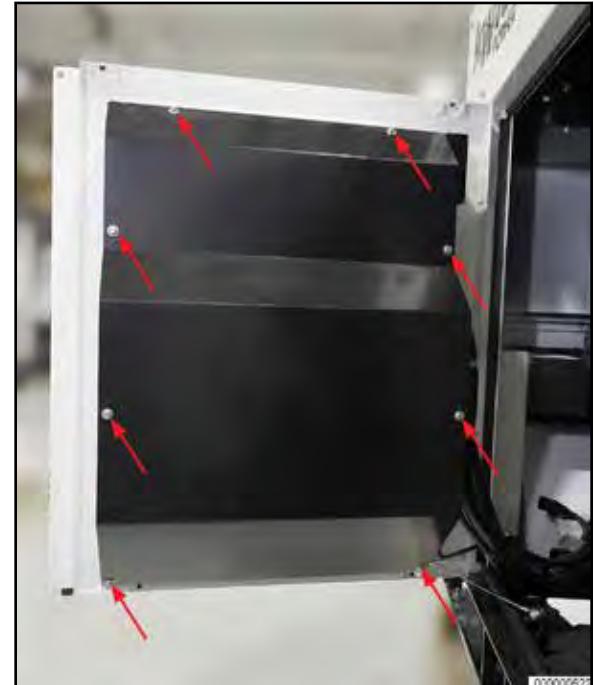


Figure 7

- Step 11: Flip the Cam-Lok panel over and using a 3/4 inch socket and impact driver, remove the nut and washer used to secure each cable to each of the terminals. (Figure 8)



Figure 8

- Step 12: With the cables removed from the CAM-LOK panel, proceed with attaching the panel to the Right Enclosure Side Door using a 10 mm socket and driver and the six (6) previously removed bolts from step 8. (Figure 9)



Figure 9

- Step 13: Using a 15/16 inch " deepwell socket and 1/2" drive, loosen, then remove the nuts and washers securing the cables to the "A, B, C, Neutral and Ground" terminal posts. Retain the nuts and washers for reassembly. (Figure 10)



Figure 10

- Step 14: Starting with the "A" phase terminal first, attach and secure the "A" phase cable from the CAM-LOK, securing it to the terminal post using the previously removed washer and nut. Note: Don't worry about cable ends getting mixed up as the holes have been sized accordingly during mfg. Hand tighten only at this point. Repeat the process for each of the remaining four cables as shown. Once the upper cable ends have been attached, attach the lower cable ends matching up the cooresponding phases, neutral and ground terminals and secure to the terminal posts using the previously removed washers and nuts. Orient the cables as shown. (Figure 11)
- Step 15: Using a 15/16 inch " deepwell socket and 1/2" drive, snug the nuts securing the upper cables to the "A, B, C, Neutral and Ground" terminal posts.
- Step 16: Using a 3/4" deepwell socket and 1/2" drive ratchet wrench snug the nuts on the CAM-LOK terminal posts.



Figure 11

- Step 17: Reinstall Right Enclosure Side Door Rear Cover, securing in place using a 10 mm socket and impact driver, and eight (8) bolts previously removed bolts. (Figure 12)

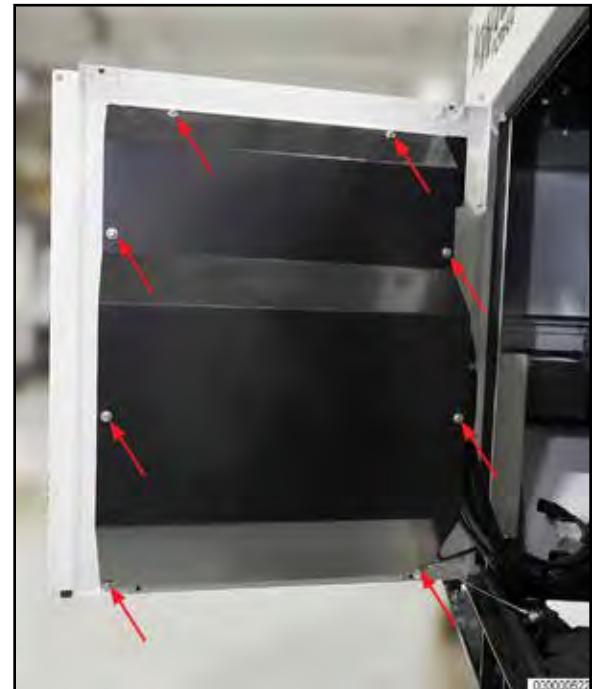


Figure 12

- Step 18: Close the Right Enclosure Side Door and secure it to the Enclosure Frame using a 10mm socket, impact driver and the two (2) previously removed bolts. (Figure 13)



Figure 13

- Step 19: Close the Right Enclosure Left Door till the Latch engages.

- Step 20: Return to the Right Enclosure side - Remove bolt and lockwasher from NEGATIVE battery terminal, reposition and reattach NEGATIVE battery cable to NEGATIVE battery terminal, using a 13mm wrench or equivalent, secure the battery cable using the previously removed lockwasher and bolt. DO NOT OVERTIGHTEN bolt - Snug only. (Figure 14)
- Step 21: Close Right Enclosure Doors making sure latch is fully engaged.



Figure 14

Installation of the CAM-LOKS is now complete.