



Installation Instructions

DGK14F\FU Battery Tender

Kit Contents:

- (1) Battery Tender Charger\Maintainer



- (4) Each - 8-32 x 3/4" stainless steel screw, 8-32 stainless steel flat washers and 8-32 stainless steel lock nuts.
- Black Cable Ties
- (1) M8x1.25x20mm stainless steel bolt



- (1) DGK14F\FU Battery Tender Installation Template

Tools & Materials Required:

- Masking tape
- Electrical Tape
- Scissors or Safety knife
- Center point
- Deburring tool
- 1/8" drill bit
- 13/64" drill bit
- 10 mm combination ratchet wrench
- Drill (electric or cordless)
- #2 Phillips screwdriver
- 11/32" combination open\box wrench
- 11/32" deepwell 1/4" drive socket and ratchet
- Cordless Driver with #2 Phillips (optional)

INSTALLATION INSTRUCTIONS

- Step 1: Verify Kit Contents
- Step 2: Open Right Side Enclosure Rear Door. (Figure 1)



Figure 1

- Step 3: Using a 10mm socket and driver, remove two (2) bolts securing Right Side Enclosure Power Door. Safely store removed bolts for reassembly. (Figure 2)



Figure 2

- Step 4: Disconnect NEGATIVE battery cable: Using a 10 mm ratchet wrench, loosen the nut that serves as part of battery cable clamp. Remove the NEGATIVE battery cable and position it out of the way to prevent unintentional contact with the battery. (Figure 3)



Figure 3

- **Step 5:** Using a 13 mm socket and driver, remove five (5) bolts securing the Enclosure Frame Lower Panel to the Enclosure Frame. (Figure 4) Retain bolts for reinstallation of lower panel.



Figure 4

- **Step 6:** Remove enclosure frame lower panel and place it on a secure sturdy work surface. (Figure 5)
- **Step** Prepare the Battery Tender Installation Template (included with kit) for use using scissors or safety knife; cut along dashed lines as indicated.

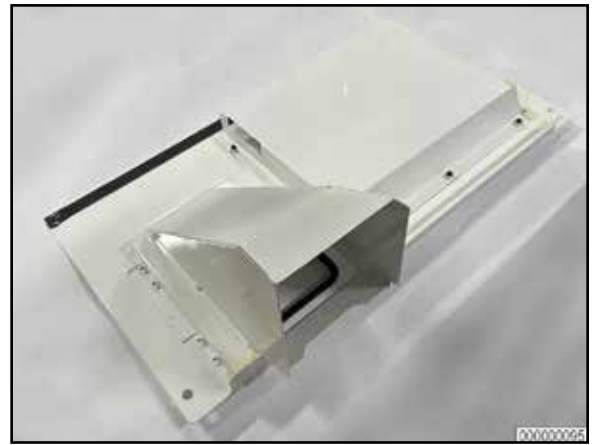


Figure 5

- **Step 6:** Align template as directed by the instruction on the template. Secure in place with masking tape. (Figure 6)

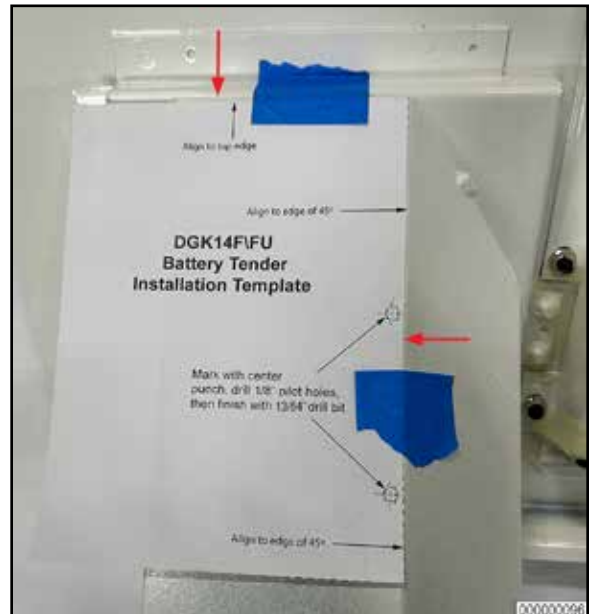


Figure 6

- **Step 7:** Using a center punch, and template (hole locations indicated), mark drill holes through the template into the surface of the Enclosure Frame. (Figure 7)
- **Step 8:** Using 1/8" drill bit and drill, create pilot holes in both mounting hole locations. Finish up by using a 13/64" drill bit and drill. Then remove template and discard.

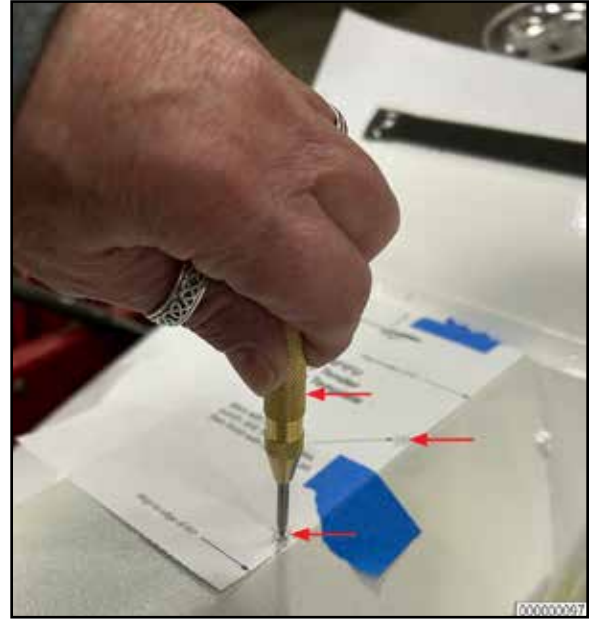


Figure 7

- **Step 9:** Position Battery Tender on enclosure frame lower panel and secure in place using two (2) 8-32 stainless steel-screws through the battery tender and with two (2) 8-32 stainless steel flat washers and two (2) stainless steel locknuts with a #2 Phillips screwdriver and 9 mm deep well socket or box wrench as shown. (Figure 8)
- **Step 10:** Reinstall Enclosure Frame Lower Panel and secure in place using five (5) previously removed bolts with a 13 mm socket and driver.



Figure 8

- **Step 9:** Plug Battery Tender power plug into one of the available Shore Power whip recepticals. Tape up the joined plugs to prevent them from possibly becoming disconnected. (Figure 9)



Figure 9

- **Step 10: Connect plug ends (from Battery Tender to the the Battery Cable Ends). To prevent plugs from separating, secure with electrical tape. (Figure 10)**



Figure 10

- **Step 10: Secure Battery Tender Cords and Shore Power cord to cable harness as shown using cable ties. Remove excess cable tie material (tails). (Figure 11)**



Figure 11

- **Step 11: Remove bolt securing cables to POSITIVE side of battery using a 13 mm ratchet wrench. Discard bolt**
- **Step 12: Combine RED wire lead from Battery Tender connector with cable and reinstall to POSITIVE side of battery with new M8 bolt (included in kit) using a 13 mm ratchet wrench. DO NOT OVERTIGHTEN - Snug bolt (Figure 12)**



Figure 12

- **Step 13:** Combine new negative wire lead from Battery Tender to Negative battery cable end using bolt and nut used to secure battery cable to battery as shown. (Figure 13) Secure negative wire lead to Negative battery cable with cable tie. Secure the battery clamp using a 10mm ratchet wrench
- **Step 14:** Secure **NEGATIVE** battery cable to battery using a 10mm ratchet wrench.
- **Step 15:** Secure the Right Side Enclosure Power door with two (2) previously removed bolts using a 10mm socket and driver. (Figure 14)



Figure 13



Figure 14

- **Step 14:** Close Right Side Enclosure Rear Door. (Figure 15)

The Installation is now complete



Figure 15