



Installation Instructions

DGK45F/FU Battery Tender

Kit Contents:

- (1) Battery Tender Charger\Maintainer



Tools & Materials Required:

- 13 mm combination ratchet wrench
- 8-32 tap
- Electrical Tape
- #2 Phillips screwdriver
- Cordless Driver with #2 Phillips (optional)

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



INSTALLATION INSTRUCTIONS

- Step 1: Verify Kit Contents
- Step 2: Read through installation instructions before beginning the procedure.
- Step 3: Release the Right Enclosure Rear Door latch. (Figure 1) and open both doors.



Figure 1

- Step 4: Remove nut and washer securing NEGATIVE battery cable to NEGATIVE terminal using a 13 mm 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:** The battery tender mounting holes are provided with mounting nuts already installed. To clear out the over-spray paint in the mounting threads, run a 8-32 tap through each one prior to attaching the battery tender. (Figure 4)



Figure 4

- **Step 7:** Attach and secure the Battery Tender to the Control Box wall (as shown) using four (4) 8-32 screws provided with kit. (Figure 5)



Figure 5

- **Step 8: Route Battery Tender power cable along existing cables behind cabinet and plug it into one of the available Shore Power whip recepticals. Secure the power cable in place using cable ties as shown. (Figure 6)**



Figure 6

- **Step 9: Tape the joined plugs with electrical tape (Battery Tender Power Plug and Shore Power Receptical) to prevent them from possibly becoming disconnected.(Figure 7)**



Figure 7

- **Step 10: Connect plug ends (from Battery Tender to the the Battery Cable Ends). To prevent plugs from separating, secure with electrical tape. (Figure 8)**



Figure 8

- **Step 8:** Using a 1/2 inch ratchet wrench, remove the **POSITIVE Battery Bolt**. Discard bolt. Route the red wire through the **RED terminal cover**, then combine **RED wire lead from Battery Tender connector** with cable (as shown). Attach to **POSITIVE** side of battery using new **M8x1" BOLT** and 13 mm ratchet wrench. **DO NOT OVERTIGHTEN - Snug bolt** (Figure 9)



Figure 9

- **Step 9:** Orient the fuse holder from the red power lead for easy access, then secure in place to the existing Positive cable with two (2) cable ties. (Figure 10)



Figure 10

- **Step 10:** Remove bolt and lockwasher from **NEGATIVE** battery terminal. Reposition and reattach **NEGATIVE** battery cable to **NEGATIVE** battery terminal, adding the new negative wire lead from Battery Tender to Negative battery cable. Secure the bolt and washer using a 13mm wrench. **DO NOT OVERTIGHTEN** bolt - Snug only. (Figure 11)



Figure 11

- **Step 11:** Secure the Battery Tender battery leads to existing cable harnesses using cable ties. Remove excess cable tie material (tails). (Figure 12)
- **Step 12:** Close Right Enclosure Doors making sure the latch fully engages.



Figure 12

Installation of the Battery Tender is now complete.