



# Installation Instructions

## DGK180F\FU\FP Shore Power Plug



100000132

### Kit Contents:

- (1) NOCO Shore Power Plug
- (3) Each - 8-32x3/4" stainless steel screw, 8-32 stainless steel flat washers and 8-32 stainless steel lock nuts.
- Cable ties



100000129

### Tools & Materials Required:

- Masking tape
- Electrical tape
- Scissors or Safety knife
- Center point
- Deburring tool
- 1/8" drill bit
- 13/64" drill bit
- 13 mm combination ratchet wrench
- 2" holesaw or optional 1-1/2" EMT knock-out punch
- Drill (electric or cordless)
- #2 Phillips screwdriver
- 11/32" combination open\box wrench
- Cordless Driver with #2 Phillips (optional)
- 8mm socket - 3/8 in. Drive
- 3/8 in. Drive Ratchet
- 3/4" Step drill bit (optional)

- (1) DGK180F\FU\FP Shore Power Plug Installation Template

## INSTALLATION INSTRUCTIONS

- Step 1: Verify Kit Contents
- Step 2: Read through installation instructions before attempting.
- Step 3: Release the Left Enclosure Right Door latch. (Figure 1)

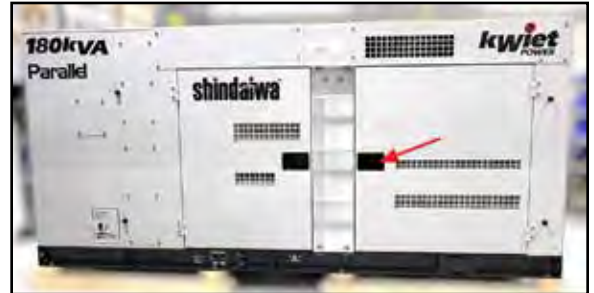


Figure 1

- 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: Remove two (2) bolts securing the shore power blanking plate in place using a 8mm socket and ratchet driver or equivalent. Discard blanking plate and bolts. (Figure 4)

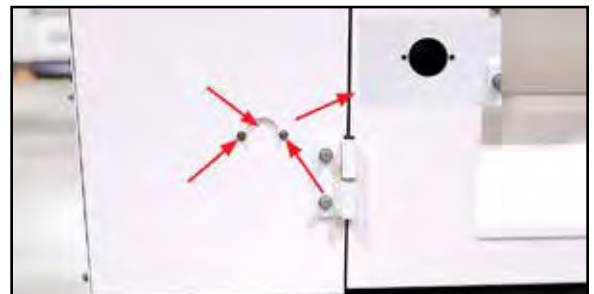


Figure 4

- **Step 8:** Prepare the Shore Power Plug Template (included with kit) for use by using scissors or safety knife; cut along dashed lines as indicated.
- **Step 9:** Align template on lower right corner of the Front Cover Enclosure Frame, as shown. Secure in place with masking tape. (Figure 5)

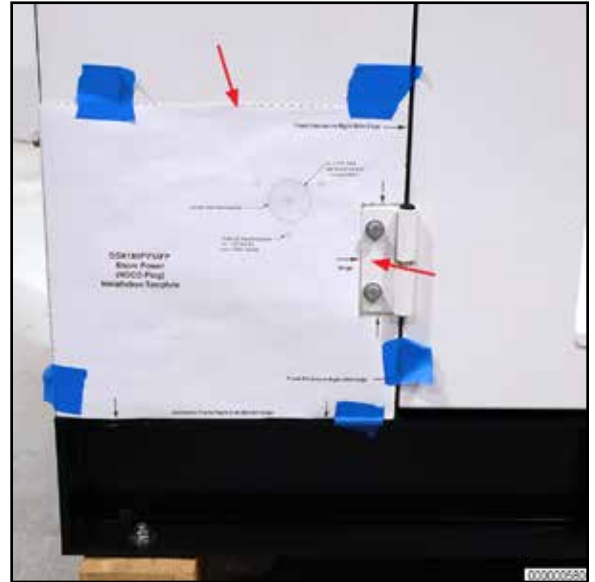


Figure 5

- **Step 10:** Using a center punch, and template (hole locations indicated), mark drill holes through the template into the surface of the Side Door.
- **Step 11:** Using 1/8" drill bit and drill, create pilot holes in all three mounting locations.
- **Step 12:** Using a 13/64" bit, enlarge all the mounting holes. (Figure 6)

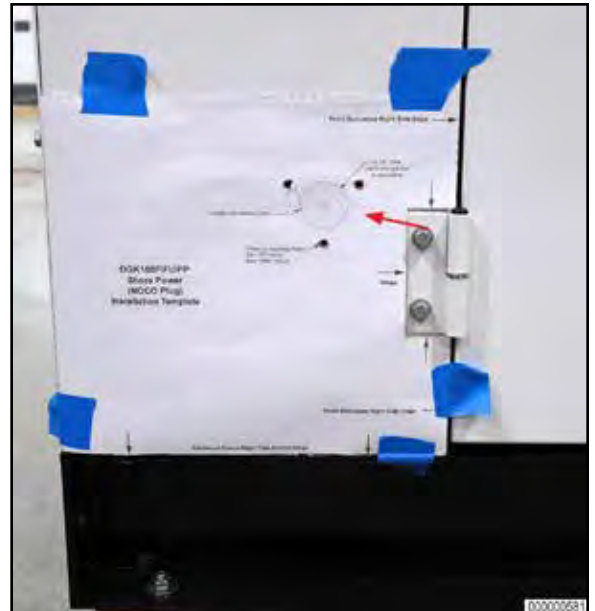


Figure 6

- Step 13: Remove the paper template and discard.
- Step 14: Release the Right Side Enclosure Left Latch to access the backside of the Front Cover Enclosure Frame. (Figure 7)



Figure 7

- Step 15: Using a 2" hole saw and drill or optional a 1-1/2" EMT knock-out tool, create the Shore Power plug hole. (Figure 8)
- Step 16: Deburr the center plug hole and the mounting holes.



Figure 8

- Step 17: Remove the Shore Power Plug (NOCO) from it's packaging.
- Step 18: Using electrical tape, cover the electrical receptacles of the whip to prevent foreign matter or moisture entry prior to usage. (Figure 9)



Figure 9

- **Step 19:** Route the two (2) whips (power receptacles) from the Shore Power Plug, through the new mounting hole. (Figure 10)



Figure 10

- **Step 20:** Orientate the plug that mounts to the Front Cover Enclosure Frame as shown (the grounding prong should be directly lined up with the lower mounting screw hole). Attach the Shore Power Plug with three (3) screws, washers and locknuts provided in the kit. Secure using using a #2 Phillips screwdriver and 11/32" wrench. (Figure 11)



Figure 11

- **Step 21:** Using a cable ties, secure receptacle whip to existing cable harness. (Figure 12)



Figure 12

- **Step 22:** Close the Right Side Left Enclosure Door, making sure it latches securely.

- **Step 23:** 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 13)



Figure 13

- **Step 24:** Close Left Enclosure Right Door making sure the latch is fully engaged.

**Installation of the Shore Power Plug is now complete**