**Standard Work Instruction: 928296 Assembly Rev: C**

**PPE Needed:**

Gloves

**Material Needed:**

180375- Switch Box Cover **Location: BT1431** Qty: 1 the plate is packaged with two screws.

991247- Switch Plate, ON/OFF **Location: BT1432** Qty: 1

941091- SCRW #6-32X1/2 OVAL MACH **Location: Work Table** Qty: 2

630702- Toggle Switch Bracket **Location: BT1432** Qty: 1

928560- [Disconnect Switch] Toggle, SP **Location: BT1432** Qty: 1

941379- SCRW Green S Slot **Location: BT1433** Qty: 1

941503- Connector ¾ RX **Location: BT1433** Qty: 1

992307- Handy Box .75 1 Gang **Location: BT1433** Qty: 1

991672- 220-105 Set Screw Connector **Location: BT1433** Qty: 1

941052- Rivet, Pop 3/16 Alum **Location: BT1432** Qty: 1

121157- Switch Box Strut **Location: BT1431** Qty: 1

**Tools needed:**

Channel lock pliers

Needle nose pliers

Battery powered riveting tool

Battery powered drill

Flat head drill bit or screwdriver if drill is not available

Phillips head drill bit or screwdriver if drill is not available.

9/16 inch Box end wrench

**Note:** Item numbers reference the DWG bill of material.

**Assembly Steps:**

**1.)** Use the riveting tool to attach (121157 Item: 110) switch box strut to (992307 Item: 80) handy box using (941052 Item: 100) aluminum rivet. With the handy box sitting upside down and with the ground screw at the top, locate the rivet in the hole below and right of the ground screw. Install the rivet from the inside of the handy box. Hold the trigger until the riveting tool stops the pulling motion.

**2.)** Remove any screws present in the handy box.

**3.)** Use the needle nose pliers to punch out the bottom tab opposite of the rivet and the end wall tab next to the rivet.

**4.)** Take (991672 Item: 90) Setscrew connector and install in the bottom tab opening. Use the needle nose pliers and the channel lock pliers to tighten firmly.

**5.)** Take (941503 Item: 70) connector ¾ RX and install in the end wall tab opening. Use the needle nose pliers and the channel lock pliers to tighten firmly.

**6.)** Install (941379 Item: 60) the green ground screw into the ground screw hole in the bottom of the handy box.

**7.)** Remove the silver nut from (928560 Item: 50) toggle switch. Place (630702 Item: 40) toggle switch bracket and then (991247 Item: 20) ON/OFF switch plate onto the toggle switch. The switch bracket and switch plate each have keyways for proper orientation onto the toggle switch. Use the 9/16 inch box end wrench to tighten the silver nut onto the toggle switch.

**8.)** Use (941091 Item: 30) screws to attach the assembled toggle switch bracket to the handy box. Make certain to locate the “OFF” position towards the end wall connector.

**9.)** Attach (180375 Item: 10) switch box cover to the handy box using the packaged screws.

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**Revision Record**

Rev: -

Date First Issued: 10-MAY-2018

Rev: A

Date of revision: 10-MAY-2018

Change log: Added Item numbers to all listed part numbers to help when referencing the drawing.

Added Note to the title page.

Rev: B

Date of revision: 10-MAY-2018

Change log: Amended the description of tools in the Tools Needed List.

**Rev: C**

**Date of Revision: 2018-AUG-08**

**Change log: Added location to all items in the Material Needed list.**