

# Side Connectors for Aluminum Dock Side

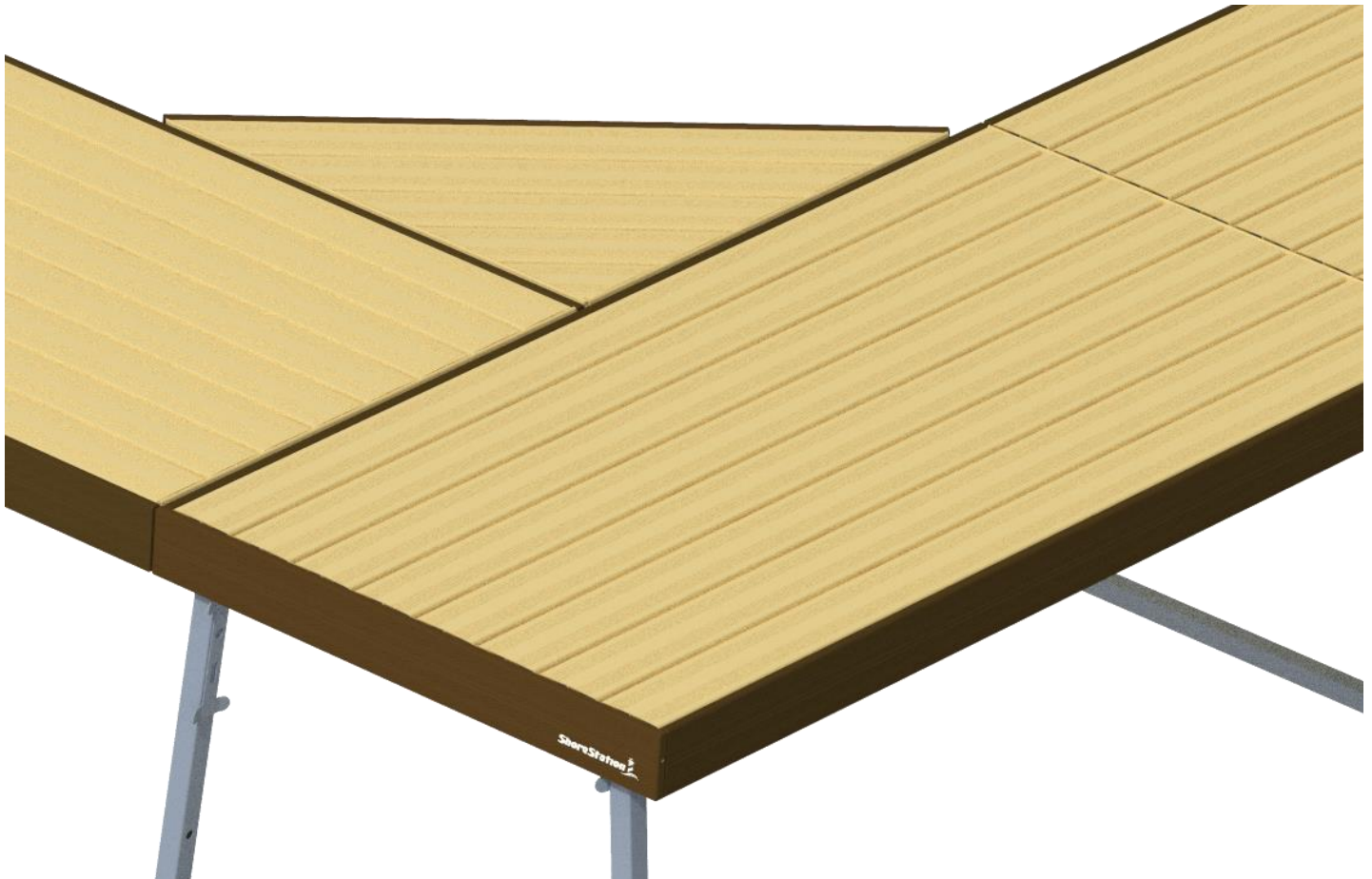
DA0118 – 90° connector for 4' dock

DA0119 – 90° connector for 6' dock

DA0120 – Pair of connectors for Miter Corner

## Introduction

Side Connector Kits are used to hang dock sections to the side of a dock run at a 90-degree angle and place a Miter Corner section on the inside of the 90-degree connection as illustrated below. The kits include aluminum connector strips, support gussets, and fasteners to make a secure connection.




The assembly process explained in this document should be performed by a qualified ShoreStation technician who understands the proper techniques and applications of the equipment used during the assembly process



## **WARNING**

DO NOT ATTEMPT TO ASSEMBLE THIS PRODUCT WITHOUT FIRST STUDYING THIS MANUAL AND INFORMATION ON LABELS INCLUDED WITH THE SYSTEM. FAILURE TO DO SO CAN LEAD TO IMPROPER OPERATION RESULTING IN SERIOUS PERSONAL INJURY AND/OR PRODUCT DAMAGE. IF YOU HAVE FURTHER QUESTIONS AFTER REVIEWING THIS INFORMATION, CONTACT A SHORESTATION REPRESENTATIVE AT (800) 859-3028.

## Safety Definitions

Safety messages are presented throughout this document and labels affixed to the product. The messages alert you to potential hazards to you and/or property. The signal words **DANGER**, **WARNING**, and **CAUTION** are preceded by an alert symbol  and communicate the severity of potential hazard. The severity of each type of message is defined as follows:

- **DANGER** indicates a hazardous situation which, if not avoided, will result in death or serious injury.
- **WARNING** indicates a hazardous situation which, if not avoided, could result in death or serious injury.
- **CAUTION**, used with the safety alert symbol, indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.

## Safety Instructions

### **WARNING**

- Remove any metallic objects from your person before working with DC or AC electrical components.
- Disconnect power from the lift and turn the key switch (if available) to the OFF position before working on the lift.
- Assembly and installation of this system may require working over water. Always wear a personal floatation device (PFD) when working over the water
- Always wear proper personal protective equipment such as safety glasses, gloves, hardhats, and clothing.
- Never work alone and observe safe lifting practices such as team lifting and proper lifting posture.
- Do NOT modify the equipment unless you have received direct written approval from the manufacturer (ShoreStation®).

#### **Tools Required:**

Cordless Power Drill  
T-30 Star Bit  
3/8 Socket

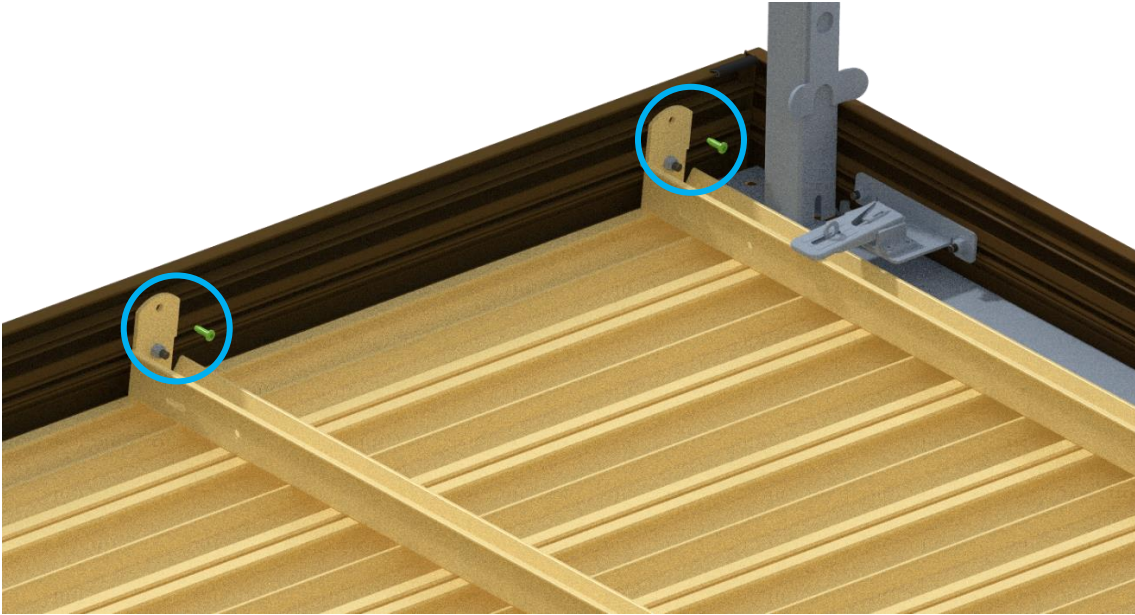
## Assembly Instructions

### **1 – Organize Parts**

Open the hardware box and bag(s), and sort the hardware.

### **2 – Remove Self-tap Screws**

Use a T-30 star bit to unscrew the screws on the backside of the aluminum dock side. (4' shown. 3 screws for 6')



### **3 – Add Gussets**

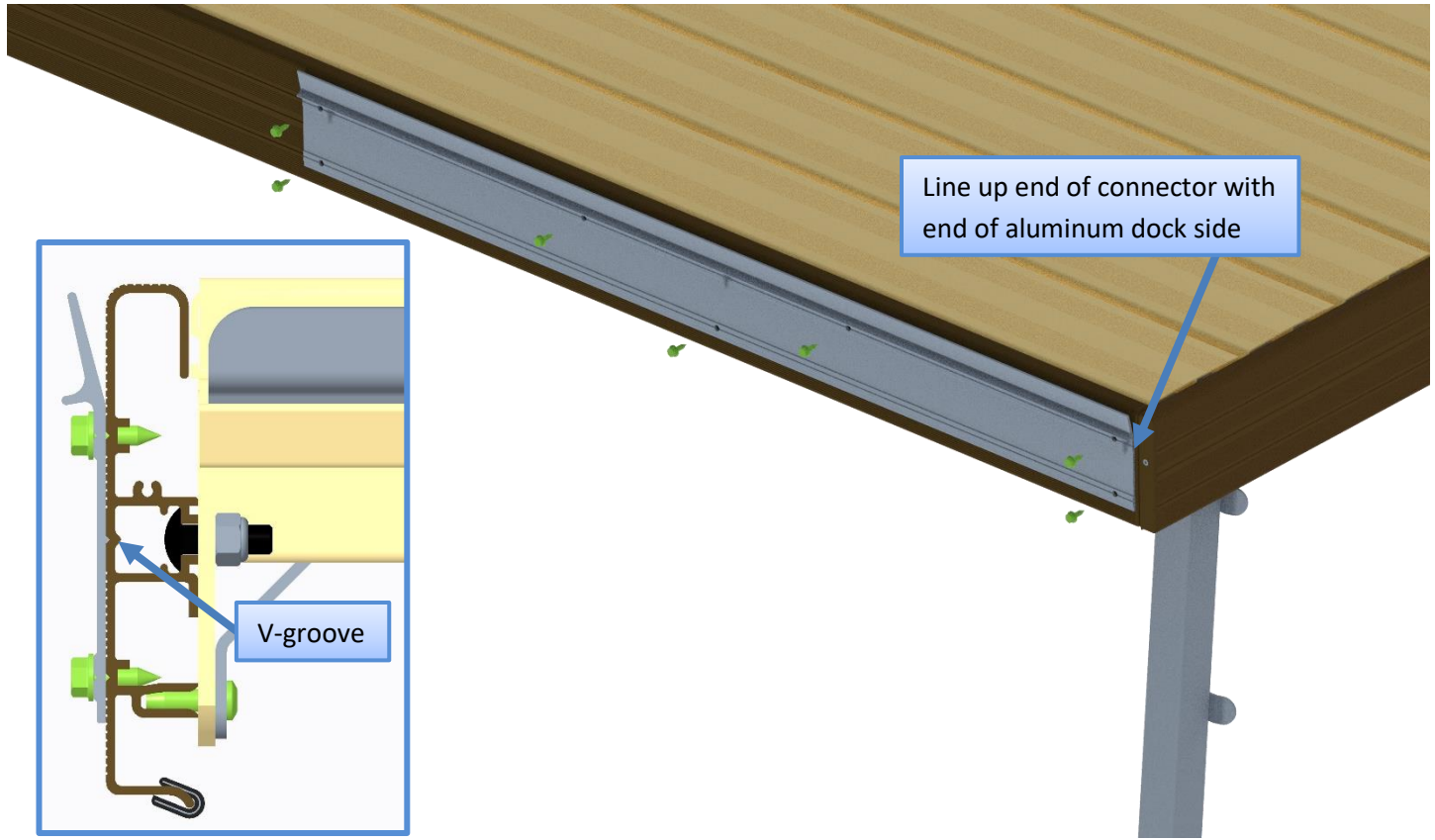
Place the gusset plates so the holes align, and screw the screws back into the aluminum dock side (DO NOT over screw).

Also drill the hex head self-tap screws into the dock cross member to secure the gussets. (4' shown, 3 gussets for 6')



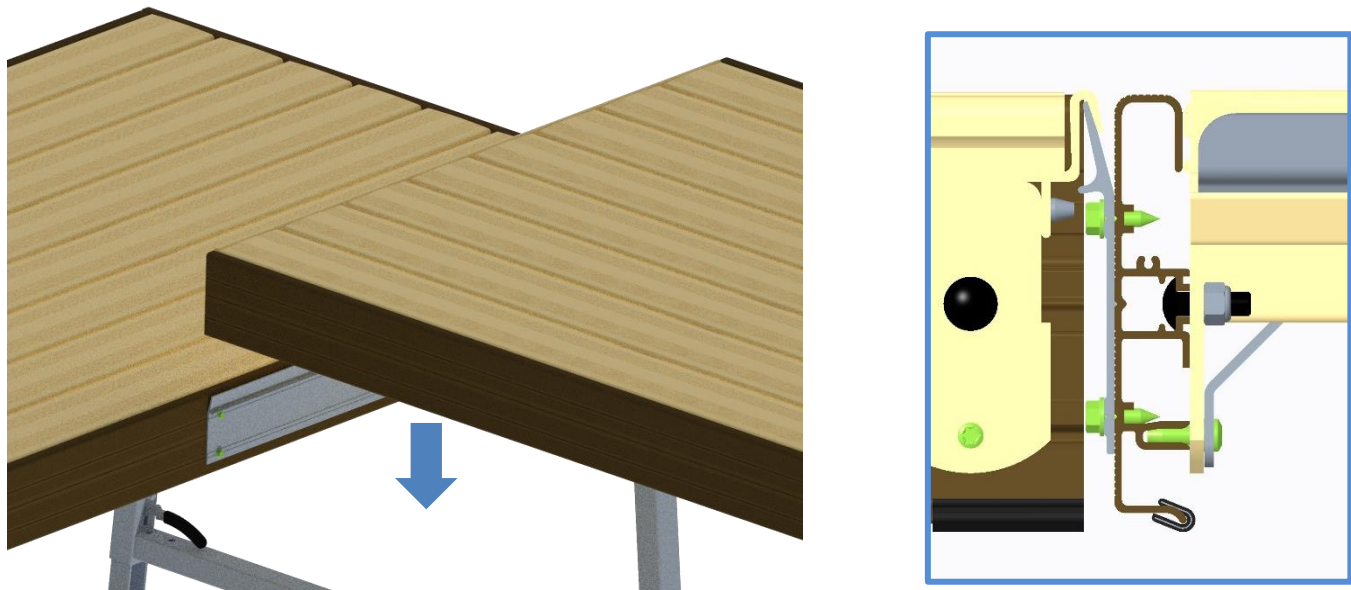
**4 – Attach Dock Side Connector**

Fit the V-groove on the backside of the dock side connector with the center groove on the aluminum dock side. Adjust the connector to match with the aluminum dock side at the ends. Then drill in the self-tap screws into the aluminum dock side. (4' shown)



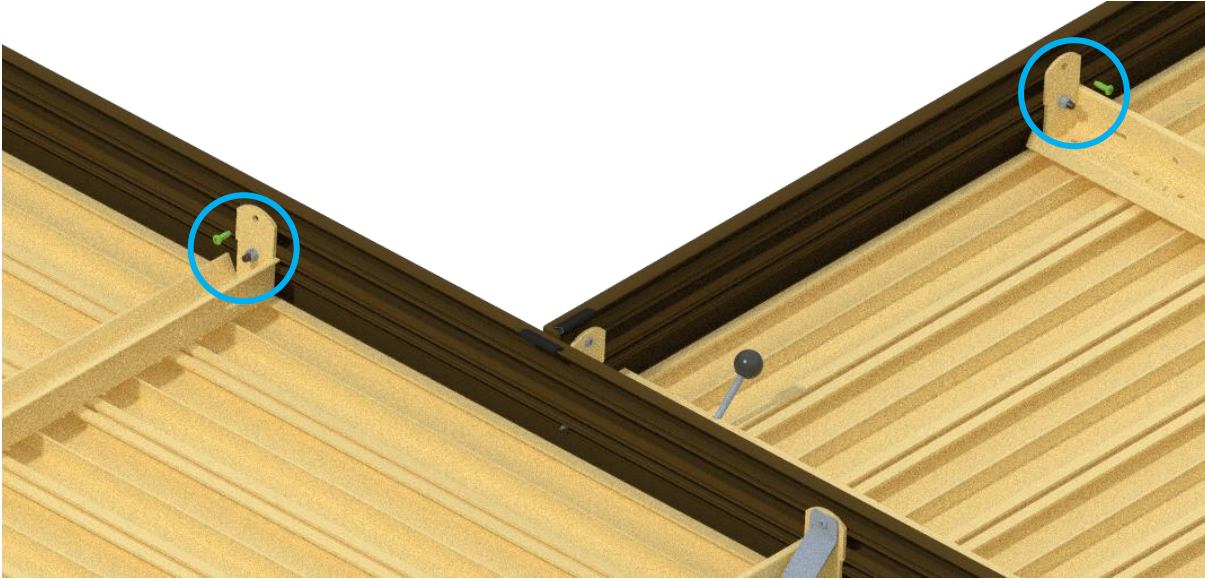
**5 – Attach Dock Section**

Set the Dock section onto the dock side connector so it catches the lip as shown below.



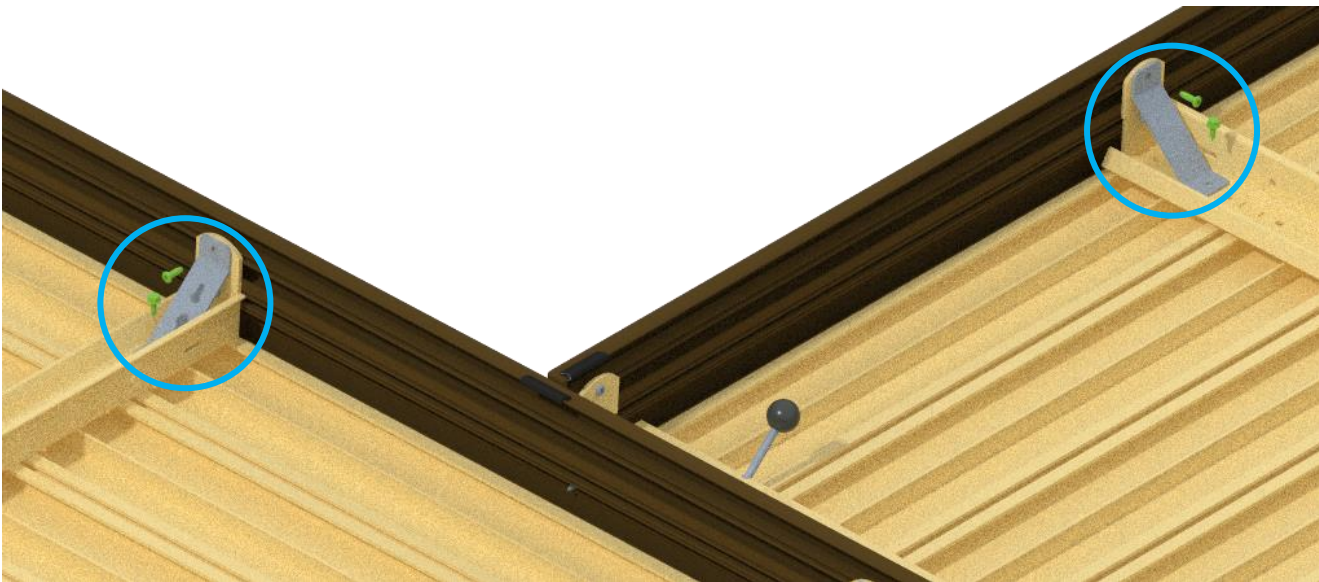
**6 – Remove Self-tap Screws**

Use a T-30 star bit to unscrew the screws on the backside of the aluminum dock sides as shown below.



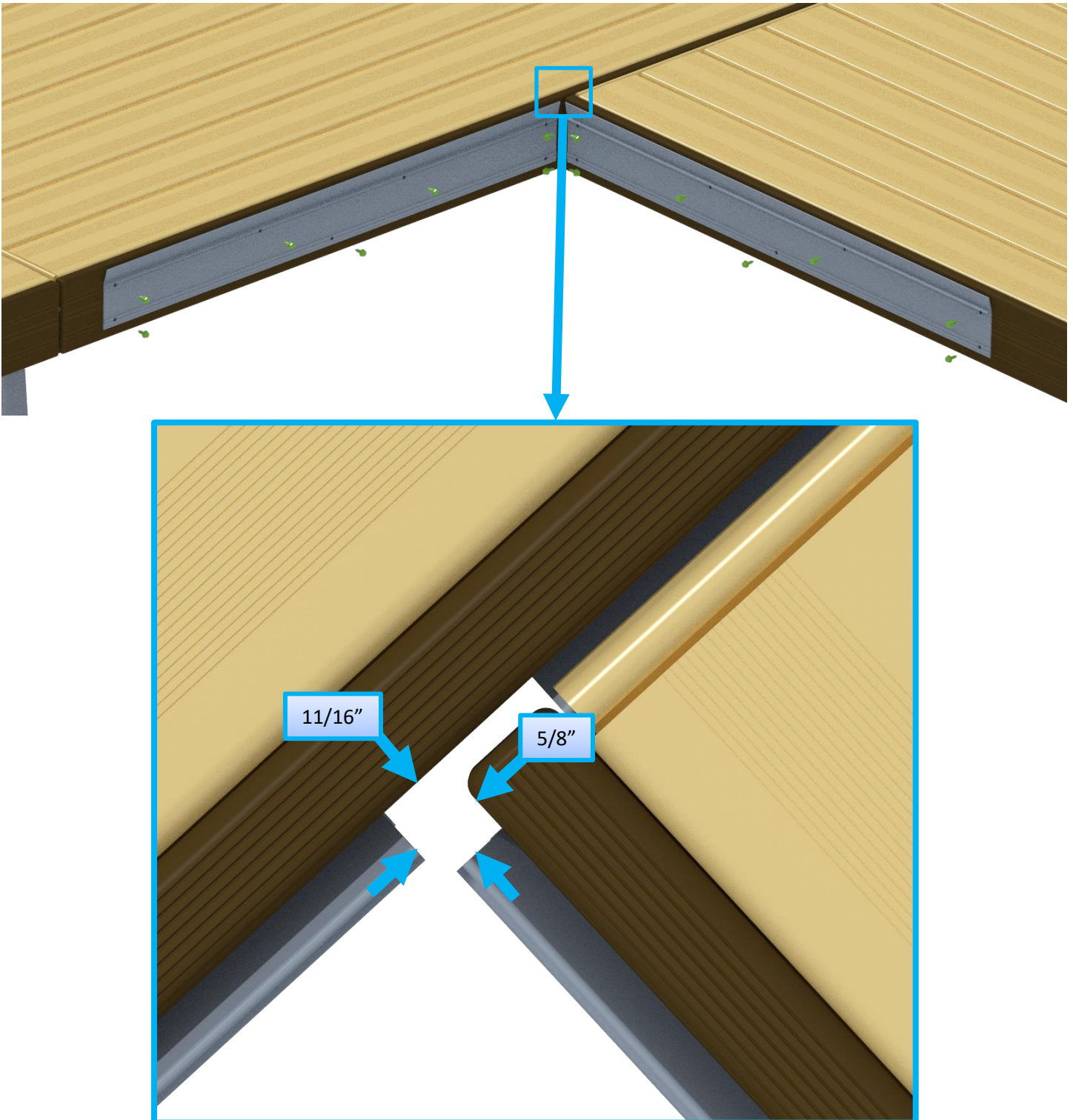
**7 – Add Gussets**

Place the gusset plates so the holes align, and screw the screws back into the aluminum dock side (DO NOT over screw). Also drill the hex head self-tap screws into the dock cross member to secure the gussets.



**8 – Add Miter Connectors**

Fit the V-groove on the backside of the miter connector with the center groove on the aluminum dock side (like step 4). Adjust the miter connectors like shown below. Then drill the self-tap screws into the aluminum dock side.



**9 – Miter preparation**

Set the miter section between the dock sections so it catches the lip of the miter connectors as shown below.

