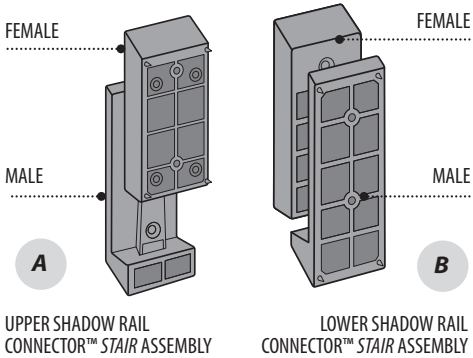


# INSTALLATION | SHADOW RAIL CONNECTOR™ Stair

## IMPORTANT

UPPER (A) and LOWER (B) Shadow Rail Connector™ Stair assemblies look similar but are in fact *UNIQUE*. Each Stair assembly contains a MALE and FEMALE part specifically for UPPER and LOWER ends of the RAIL. Familiarize yourself with the corresponding Stair assembly and the end of the RAIL it was designed for.



### 1 START

Dry fit the BOTTOM RAIL into place against the sides of posts for marking cut lines. Cut BOTTOM RAIL then use as template for TOP RAIL.

### 2

Cut 1-1/2" from ONE SIDE ONLY of BOTTOM & TOP RAILS. to allow installation space for BOTH Stair connector assemblies.

### 3

Screw the FEMALE connectors of UPPER (A) and LOWER (B) Stair assemblies to the ends of the RAIL.

#10x1" FEMALE A

#10x2" FEMALE B

Slide MALE connectors into corresponding FEMALE connectors.

FEMALE MALE A

FEMALE MALE B

### 4

Dry fit the BOTTOM RAIL with Stair connector assemblies in place ( Step 3 ) between posts. Move posts apart slightly and then press back together. The MALE GRIPPING CONES will make impression marks into posts for relocating the MALE connectors.

### 5

Remove the BOTTOM RAIL and slide apart MALE connectors. Relocate and screw MALE connectors to posts. Impression marks from gripping cones will help. Verify the corresponding UPPER ( A ) and LOWER ( B ) MALE connectors.

A MALE #10x2"

B MALE #10x2"

### 6

Install a baluster on each side of BOTTOM RAIL. Dry fit TOP RAIL with Stair connector assemblies in place. Press TOP RAIL against posts to leave impression marks.

### 7

Remove the TOP RAIL. Install balusters. Relocate and screw MALE connectors to posts.

### 8

Slide the TOP RAIL into alignment with MALE connectors and balusters.

**FINISH**

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