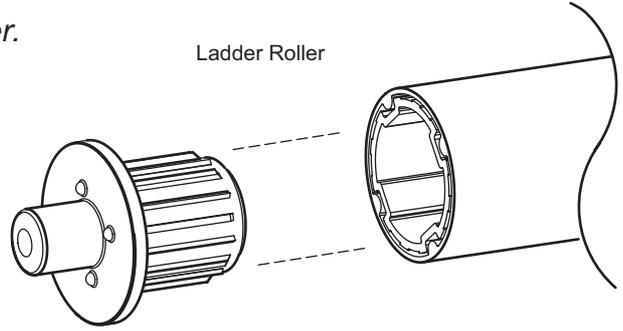


**STEP 1: Assembling Roller End Cap Into Ladder Roller.**

End Cap

Ladder Roller

- A. Push End Caps into both ends of the Ladder Roller tube.

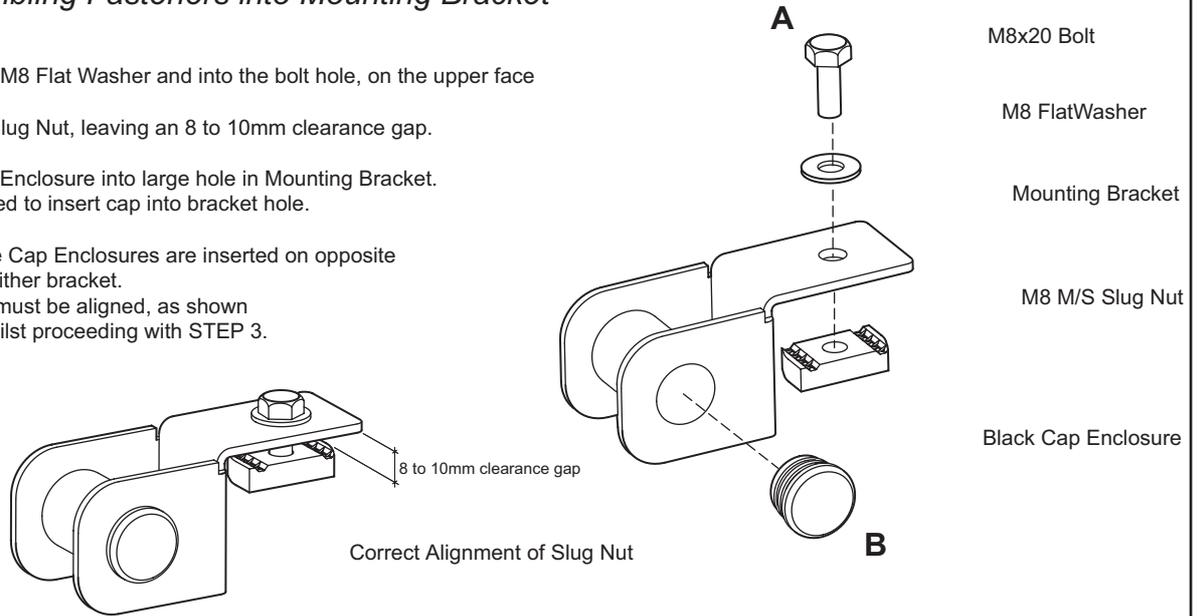


**STEP 2: Pre-Assembling Fasteners into Mounting Bracket**

- A. Place M8x20 Bolt through M8 Flat Washer and into the bolt hole, on the upper face of the Mounting Bracket.  
Hand screw bolt into M8 Slug Nut, leaving an 8 to 10mm clearance gap.

- B. Fix Black Plastic End Cap Enclosure into large hole in Mounting Bracket.  
A rubber mallet can be used to insert cap into bracket hole.

- Please Note** 1: Make sure Cap Enclosures are inserted on opposite faces of either bracket.  
2: Slug Nut must be aligned, as shown below, whilst proceeding with STEP 3.



**STEP 3: Assembling Roller into Mounting Bracket.**

Cross Bar

Cross Bar

Ladder Roller

Ladder Roller

- A. Slide one Pre-Assembled Mounting Bracket into the Upper Channel of the Cross Bar. Be sure that the Slug Nut is aligned correctly. (Refer to Step 2 for correct alignment of Slug Nut).  
Space Bracket accordingly along Cross Bar with respect to the Roller length.  
Hand tighten bolt to hold Mounting Bracket in place.
- B. Fit one end of the Roller into exposed hole in the Mounting Bracket that is now attached to the Cross Bar.
- C. Slide the opposite Mounting Bracket onto both the Cross Bar and Ladder Roller, making sure the Slug Nut is again correctly aligned within channel.  
Hand tighten bolt to hold Mounting Bracket in place.
- D. Make sure Mounting Brackets are sitting square with both Roller and Cross Bar before tightening both bolts securely with a 13mm Spanner.

