

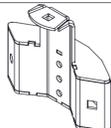
P040-0058 Revision B, April 2023

Mounting Kit, For Metro Cell Antennas MC-MNT-TOP-370 Mounting Kit

GENERAL INFORMATION

- Top of pole mounting option
Fits round members 6.5" to 8.5" (165 to 216 mm) pole diameter.

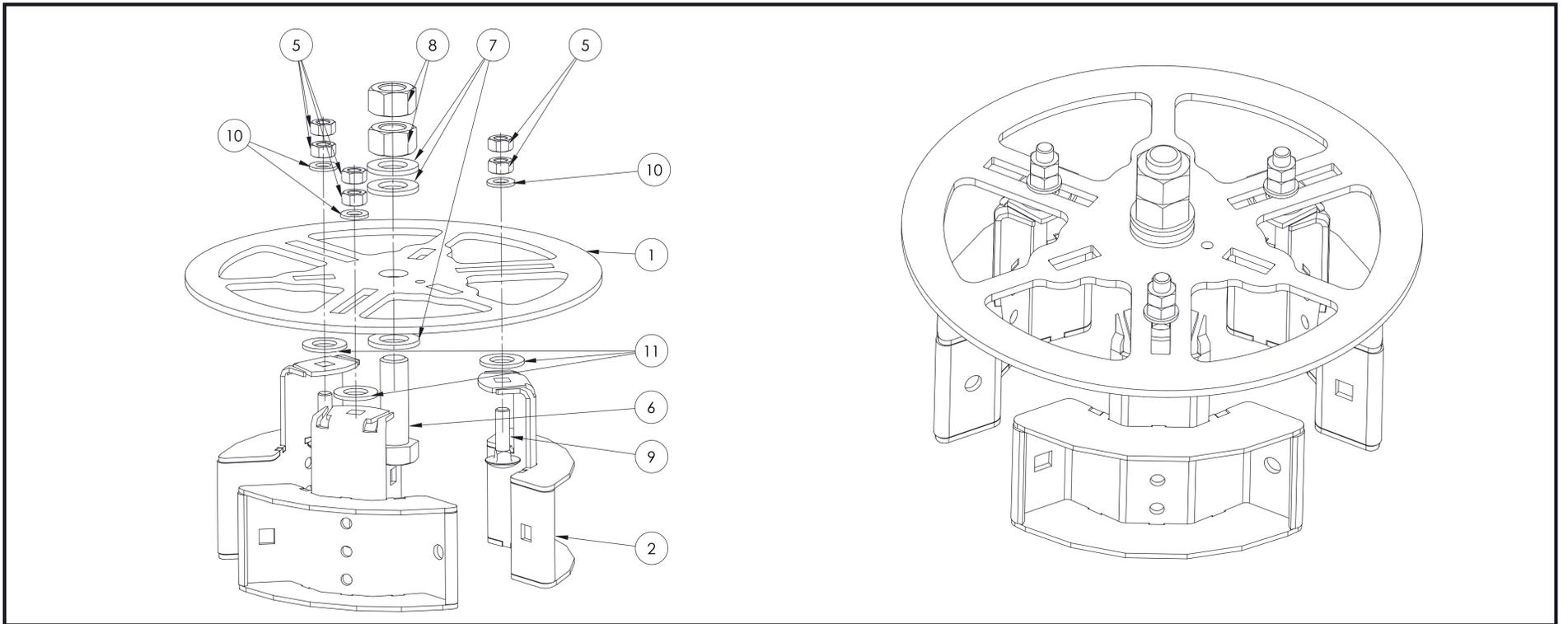
PARTS LIST

Item	Description	Qty	Image
1	Mc Top Mounting Plate	1	
2	Pipe Clamp Top	3	
3	M12X140 Carriage Bolt	3	
4	M12 Flat Washer	3	
5	M12 Hex Nut	18	
6	M24 X 75 Hex Head Bolt	1	
7	M24 Flat Washer	3	
8	M24 Hex Nut	2	
9	M12X45 Carriage Bolt	6	

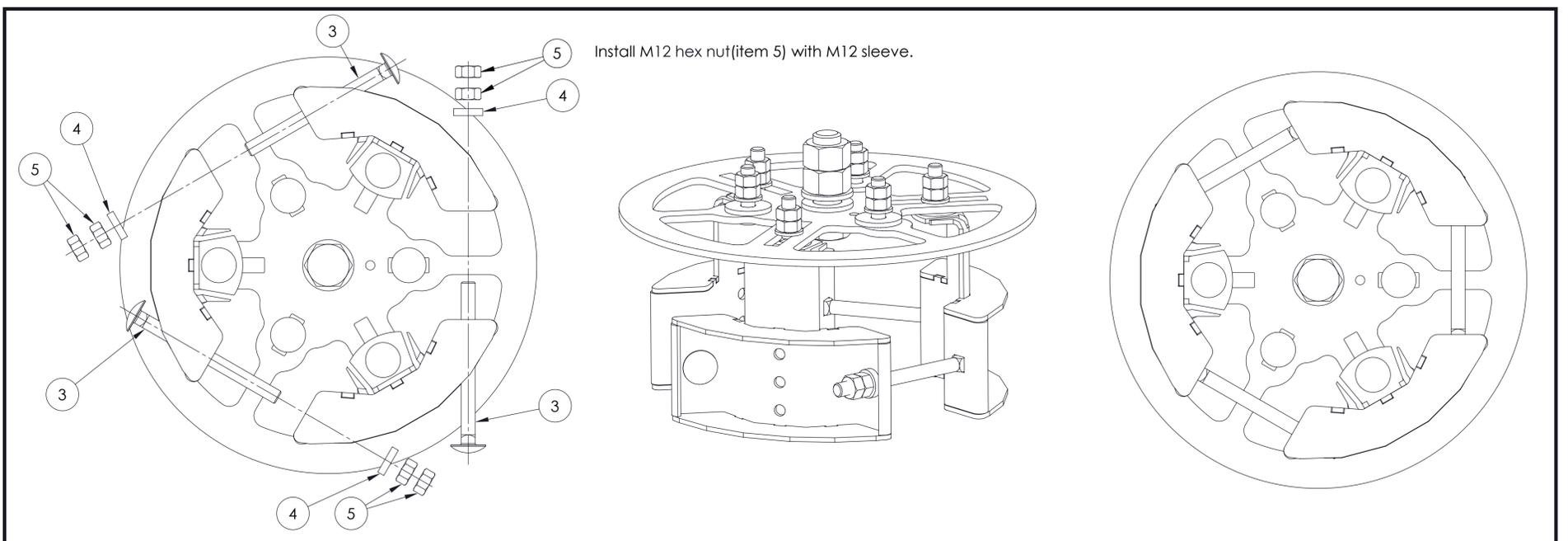
PRE-INSTALLATION INSTRUCTIONS

- Examine antenna and kit to ensure that all parts are enclosed and that there is no physical damage.
- Verify that the frequency range shown on the label on the bottom of the antenna matches the frequency range of the station equipment.

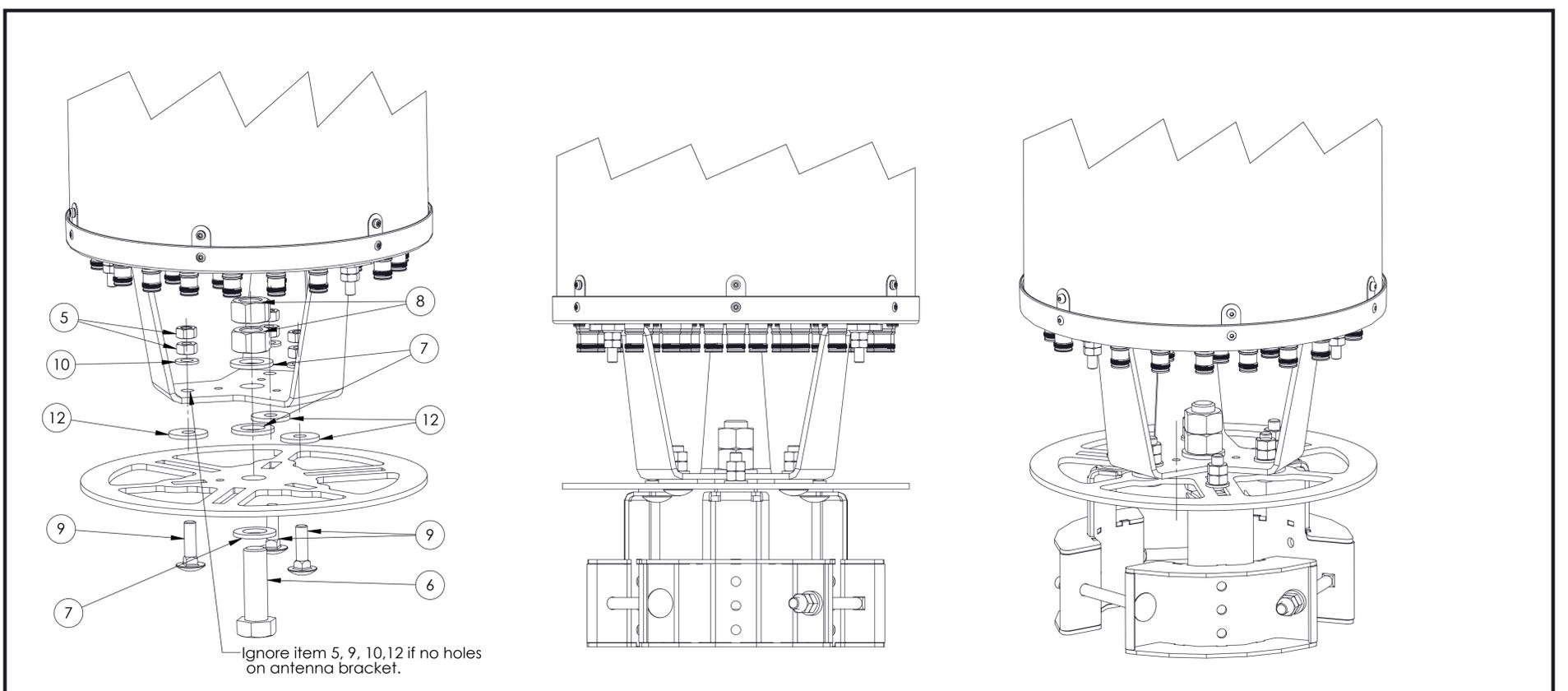
Item	Description	Qty	Image
10	M12 Flat Washer	6	
11	M20 Flat Washer	3	
12	M12 Flat Washer	3	
13	MC Shroud Cover	2	
14	Pivot Pin	7	
15	Lanyard	2	
16	Cable tie	2	



ASSEMBLE MC TOP MOUNTING PLATE TO PIPE CLAMP TOP

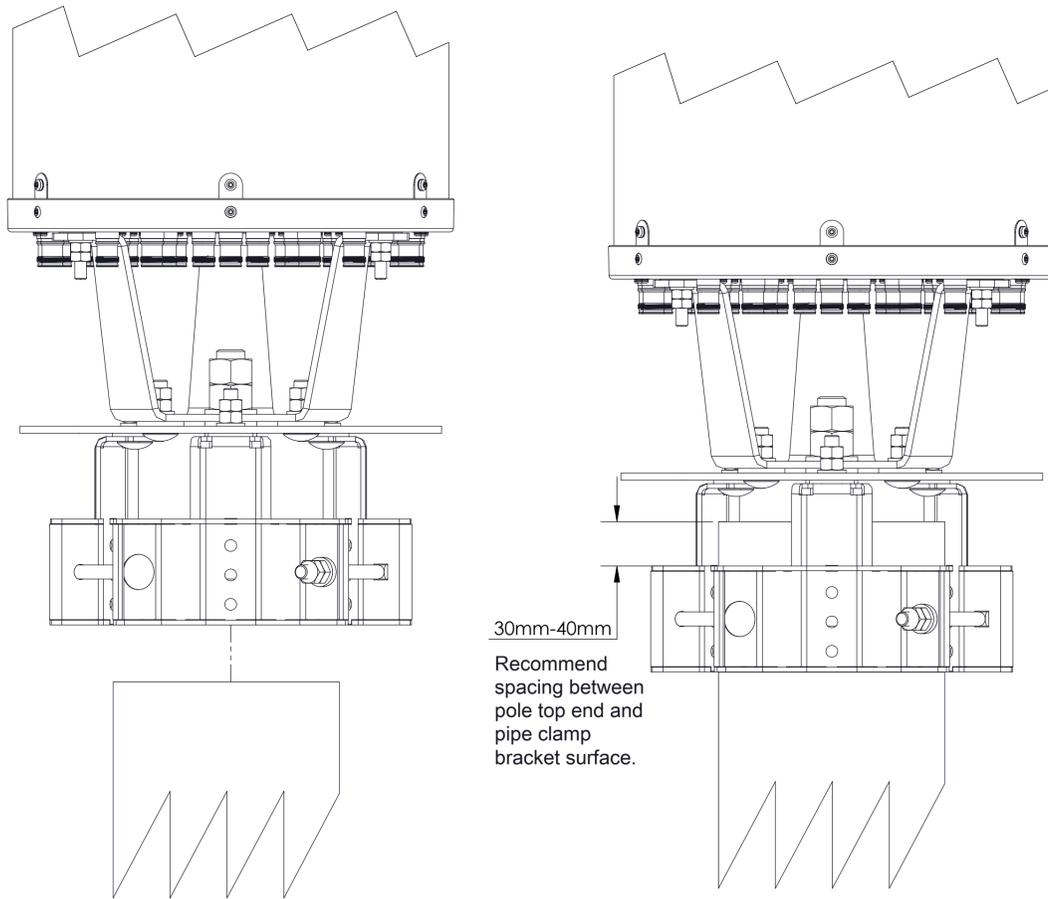


INSTALL PIPE CLAMP TOP HARDWARE

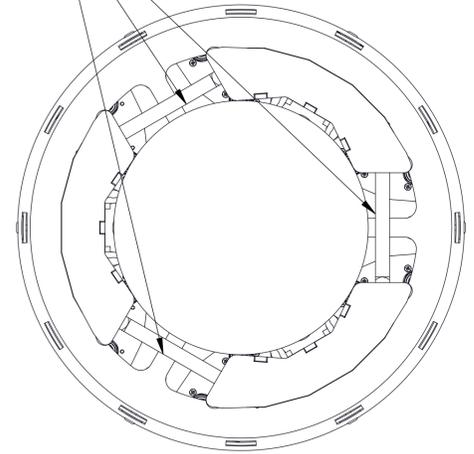


ATTACH ANTENNA TO MOUNT

ATTENTION: Pre-tighten three M12 fasteners on pipe clamp brackets.

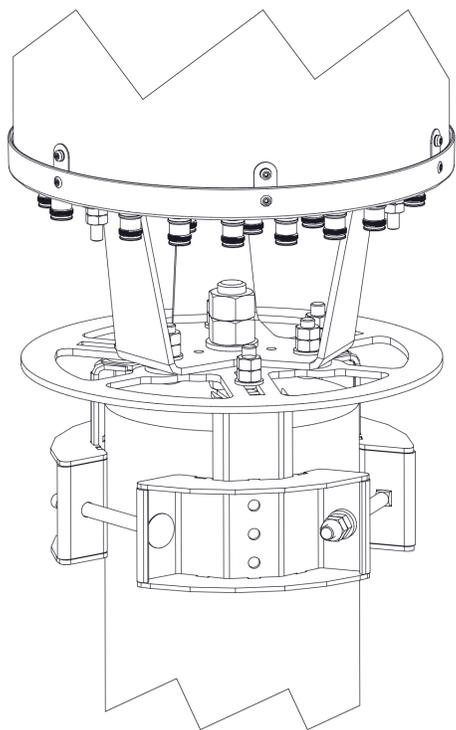


Position the pipe clamp brackets equally around the pole. Three M12 fasteners should have similar length thread engagement when they are tightened, or studs may interfere with shroud cover.

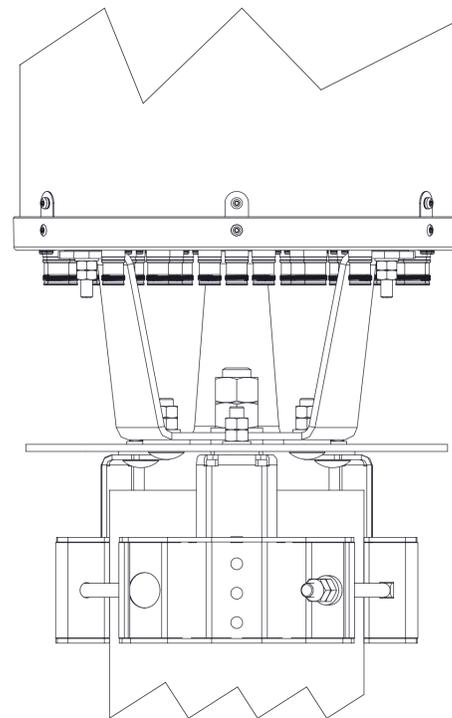


PLACE ANTENNA ON POLE

ATTENTION: Orient the antenna unit so that the antenna is directed as desired.

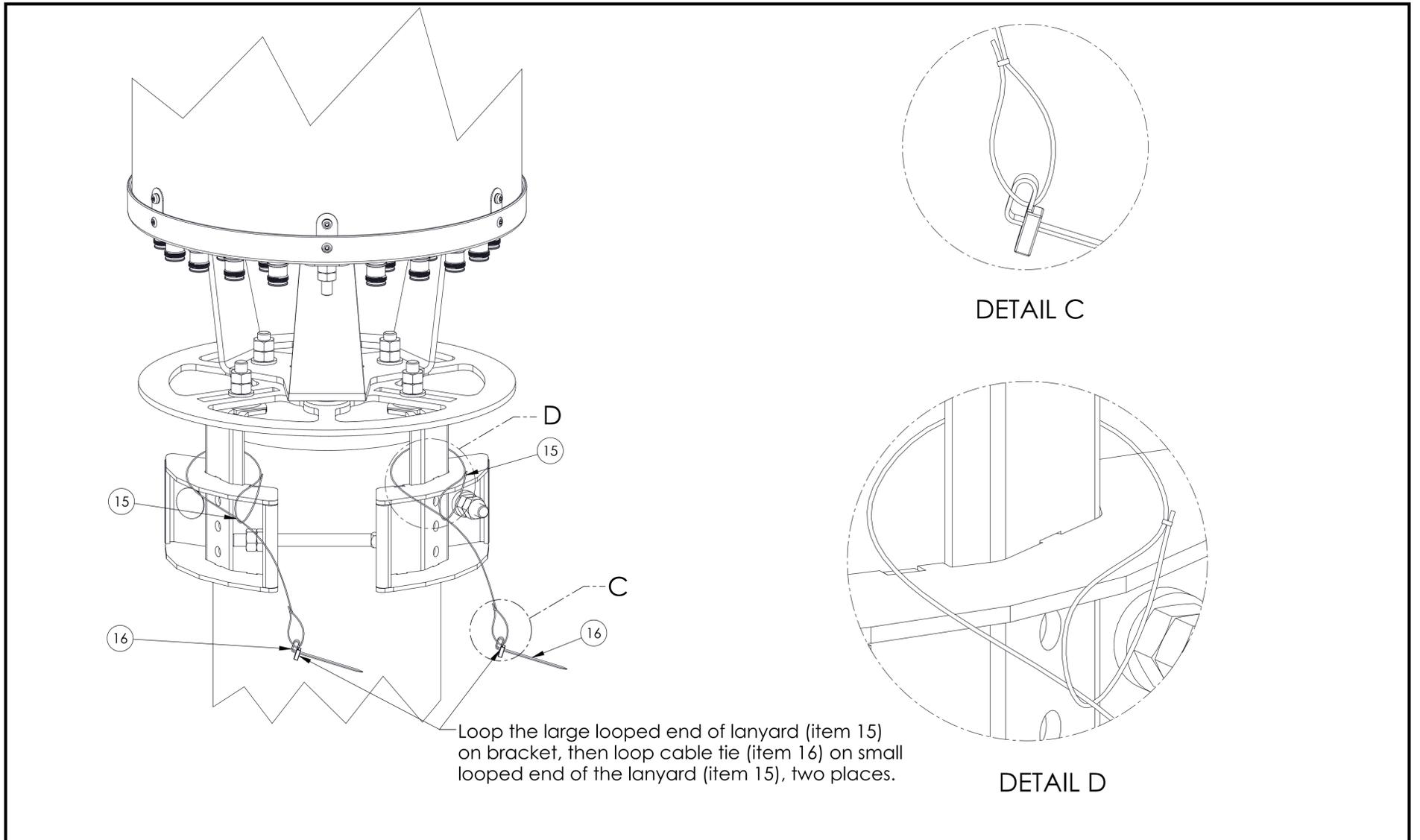


ATTENTION: Tighten all fasteners

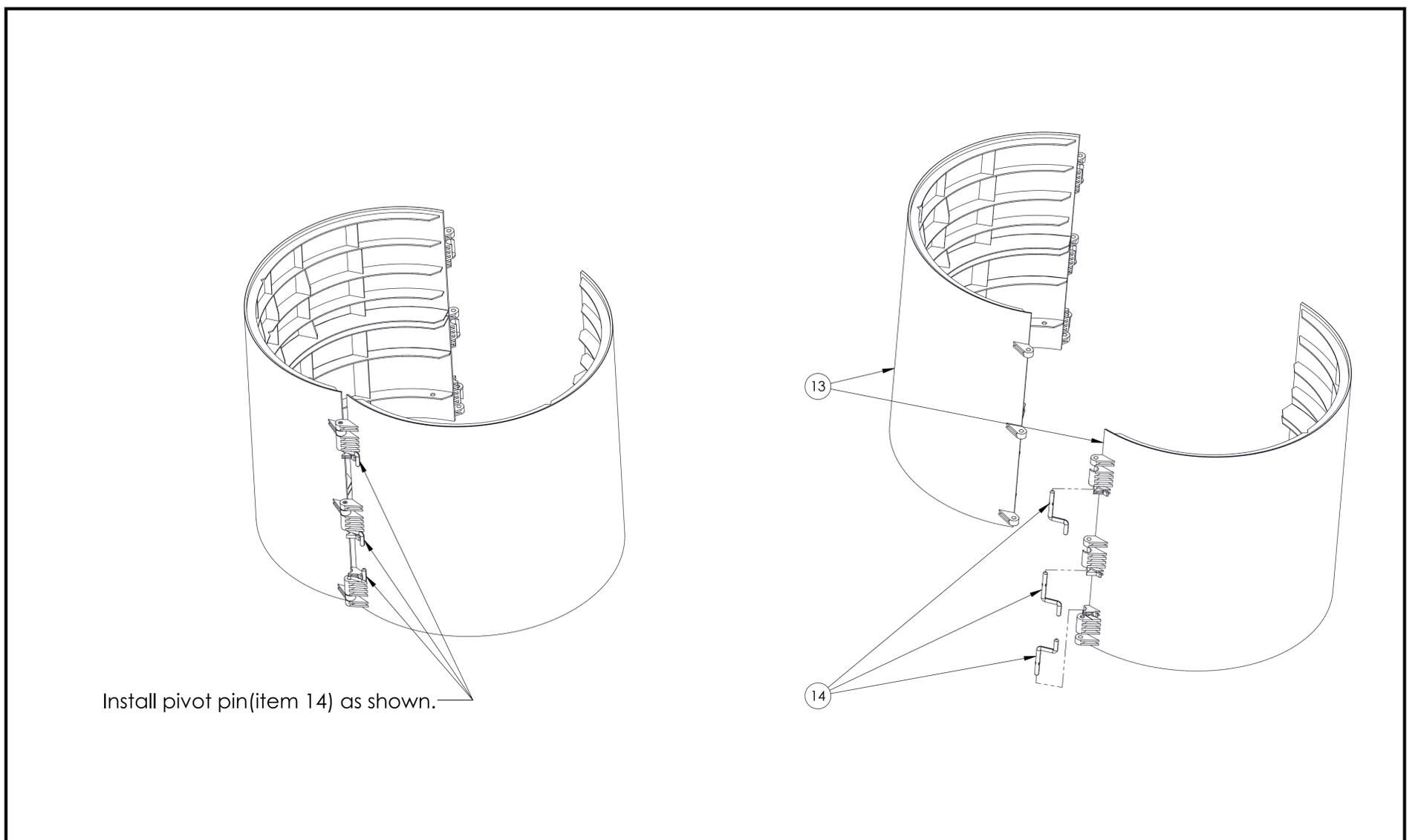


REQUIRED TORQUE	
M12	58 N.m (43ft lbs)
M24	100 N.m (74ft lbs)

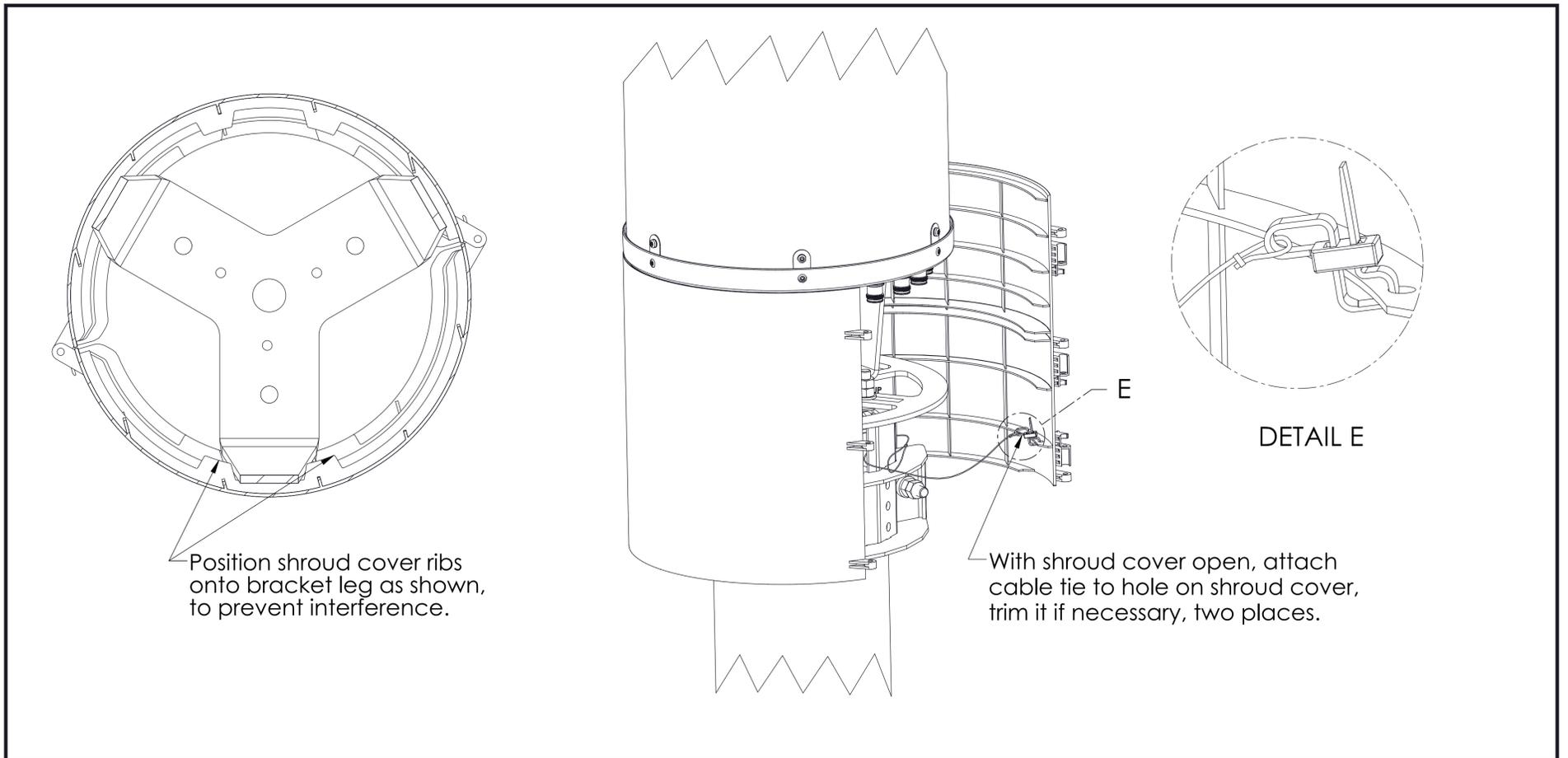
ORIENT ANTENNA AND TIGHTEN FASTENERS



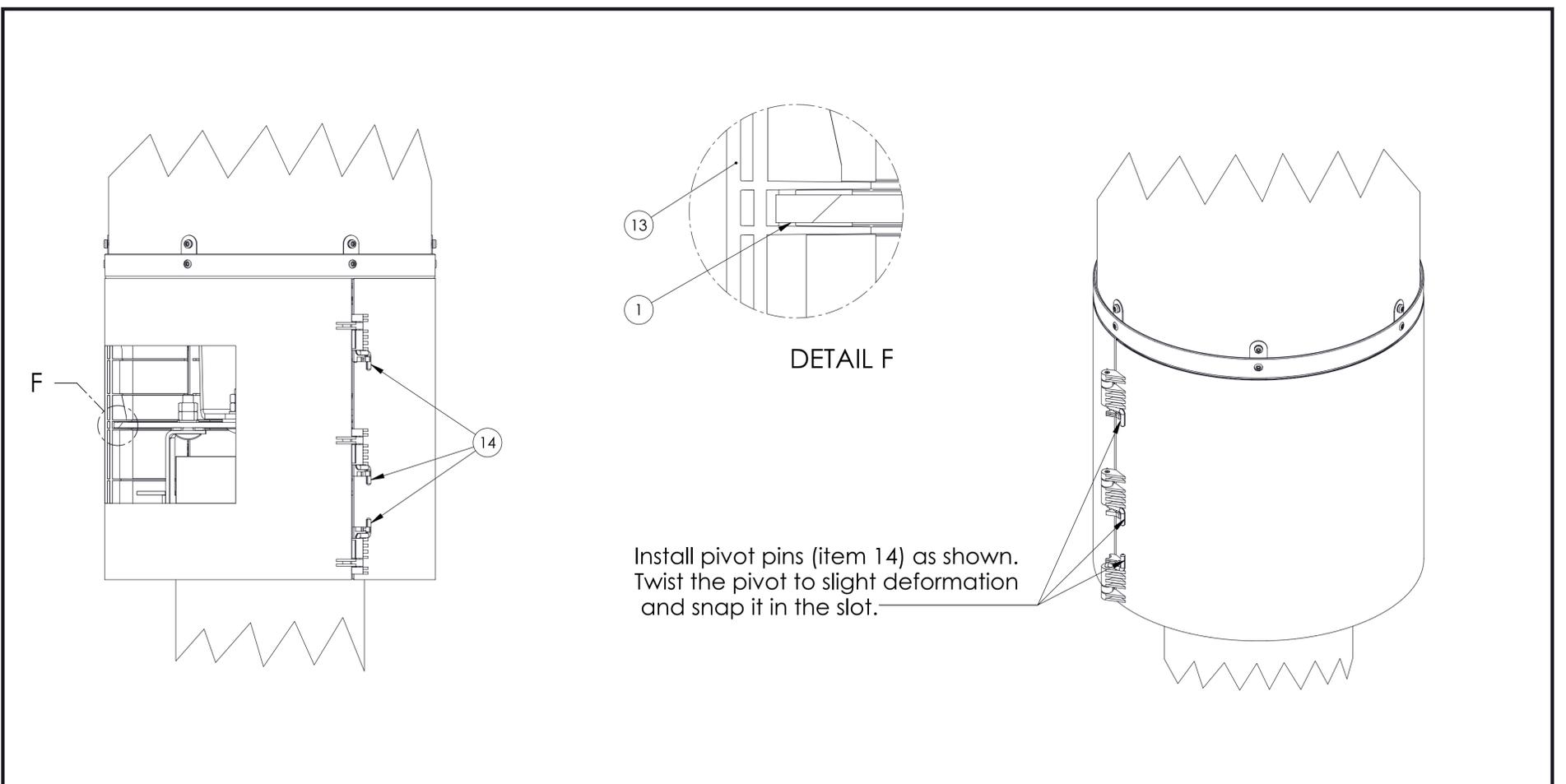
INSTALL LANYARDS



ASSEMBLE SHROUD COVER



INSTALL SHROUD COVER



COMPLETE SHROUD INSTALLATION

SAFETY NOTICE

The installation, maintenance, or removal of an antenna requires qualified, experienced personnel. CommScope installation instructions are written for such installation personnel. Antenna systems should be inspected once a year by qualified personnel to verify proper installation, maintenance, and condition of equipment.

CommScope disclaims any liability or responsibility for the results of improper or unsafe installation practices.

It is recommended that transmit power be turned off when the field installation is performed. Follow all applicable safety precautions as shown on this page.



Do not install near power lines. Power lines, telephone lines, and guy wires look the same. Assume any wire or line can electrocute you.



Do not install on a wet or windy day or when lightning or thunder is in the area. Do not use metal ladder.



Wear shoes with rubber soles and heels. Wear protective clothing including a long-sleeved shirt and rubber gloves.