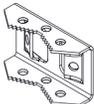
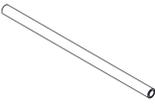
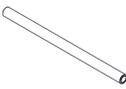


628393 Revision D, May 2016
Mounting Kit, For Metro Cell Antennas
MC-MNT-TOP Mounting Kit

GENERAL INFORMATION

- Top of pole mounting option
 Fits round members 3.4" to 6.6" (86 to 168 mm) pole diameter.

PARTS LIST

Item	Description	Qty	Image
1	Top Mount Bracket	1	
2	Pipe Clamp Bracket	3	
3	Spacer Tube	1	
4	M12 X 245 Threaded Stud	3	
5	M12 X 215 Threaded Stud	3	
6	M12 Flat Washer	20	
7	M12 Hex Nut	40	
8	M24 X 75 Hex Head Bolt	1	

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
9	M24 Flat Washer	3	
10	M24 Hex Nut	2	
11	MC Shroud Cover, Long	2	
12	Pivot Pin	7	
13	Lanyard	2	
14	Cable tie	2	
15	M6 Screw with Tube	1	
16	M6 Flat Washer	2	
17	M6 Hex Nut	2	

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.



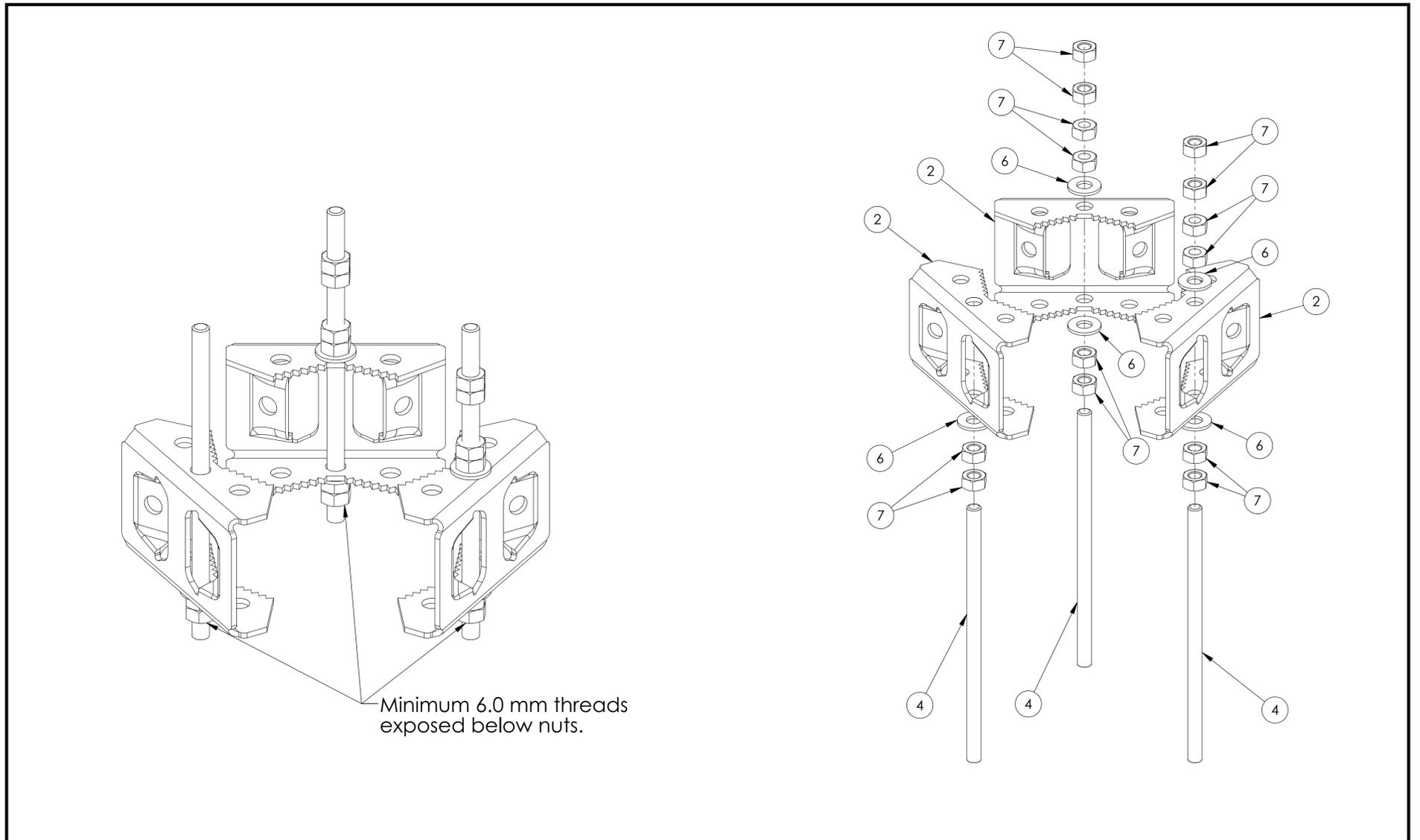
Do not install near power lines. Power lines, telephone lines, and guy wires look the same. Assume any wire or line can electrocute you.



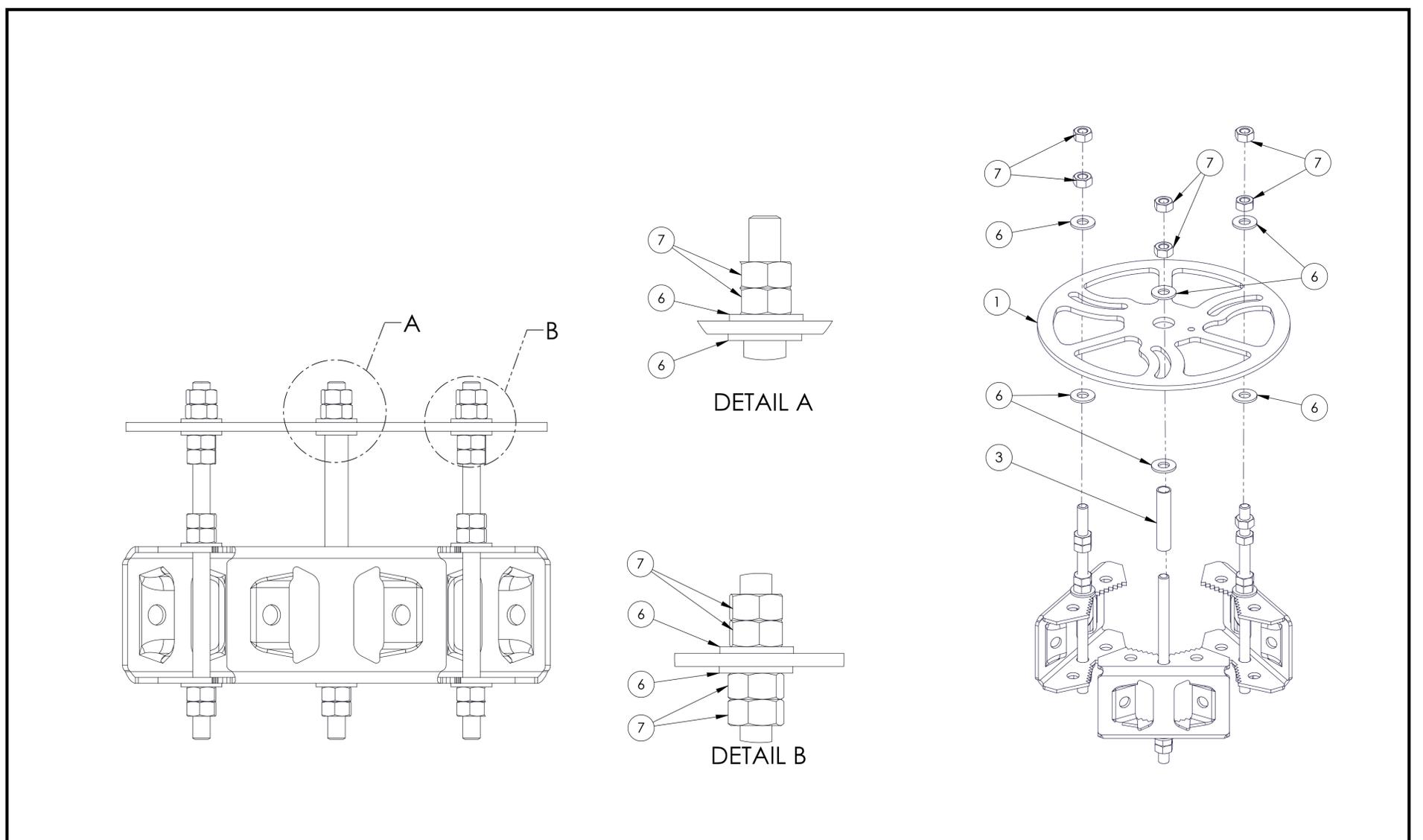
Do not install on a wet or windy day or when lightning or thunder is in the area. Do not use metal ladder.



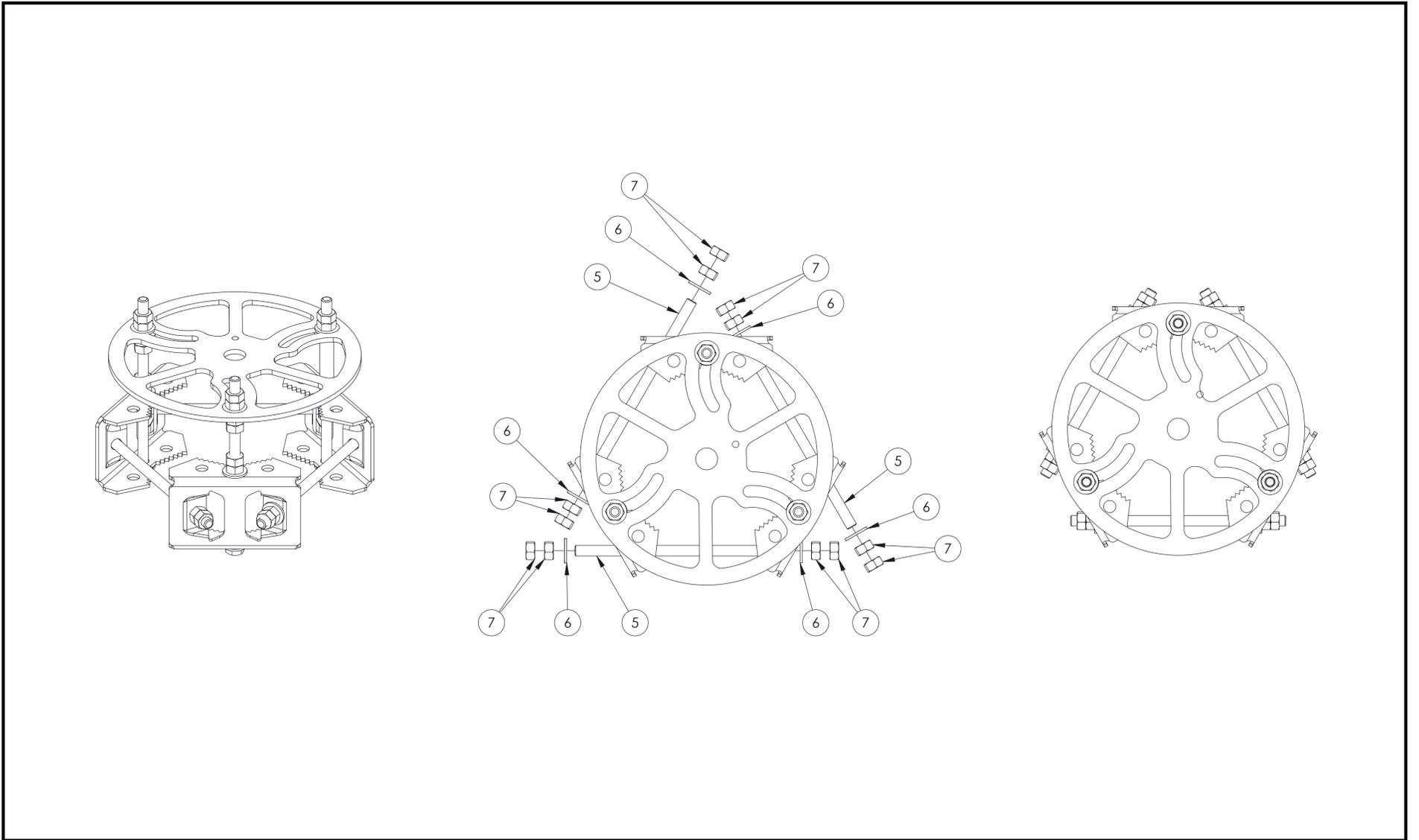
Wear shoes with rubber soles and heels. Wear protective clothing including a long-sleeved shirt and rubber gloves.



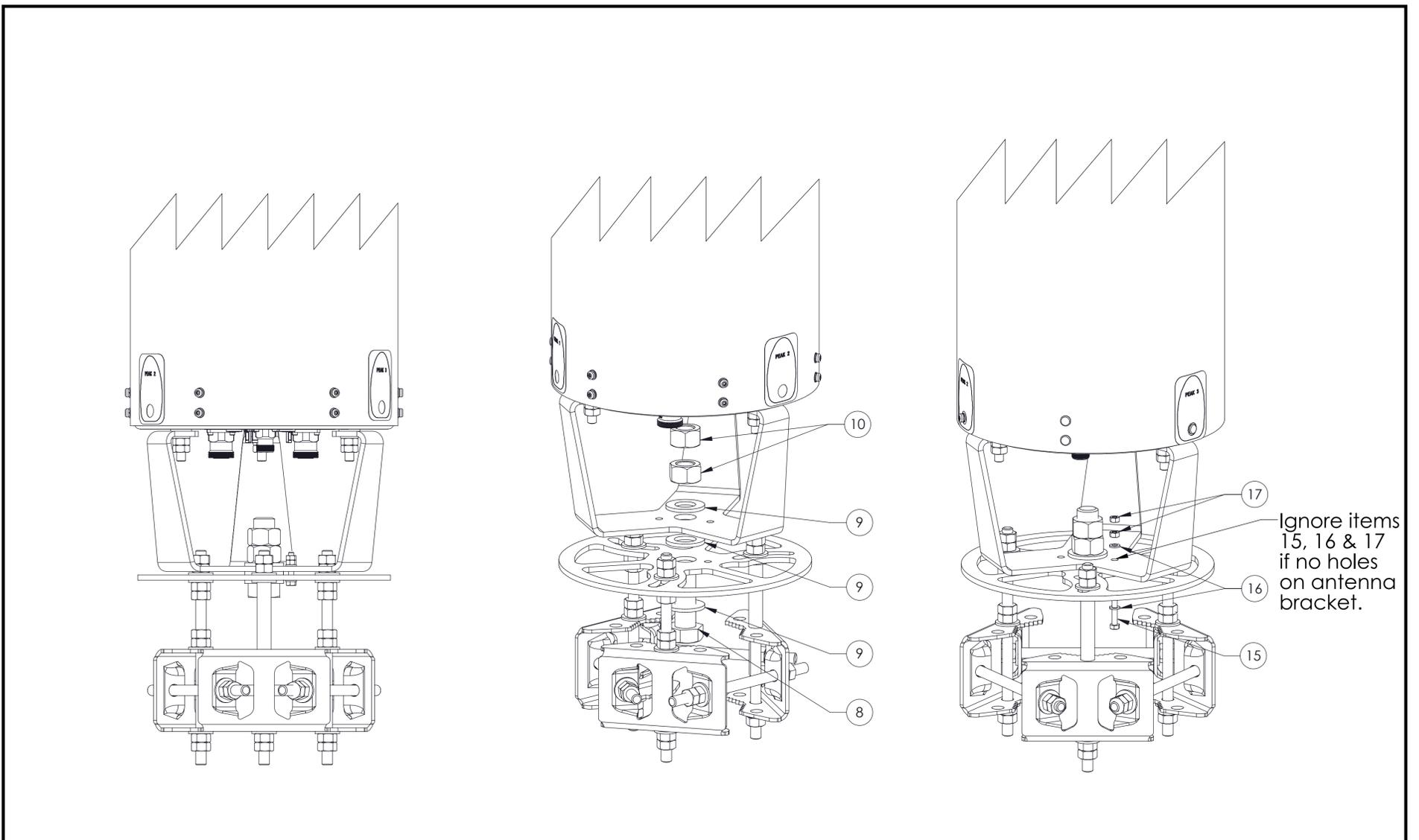
MC-MNT-TOP



MC-MNT-TOP

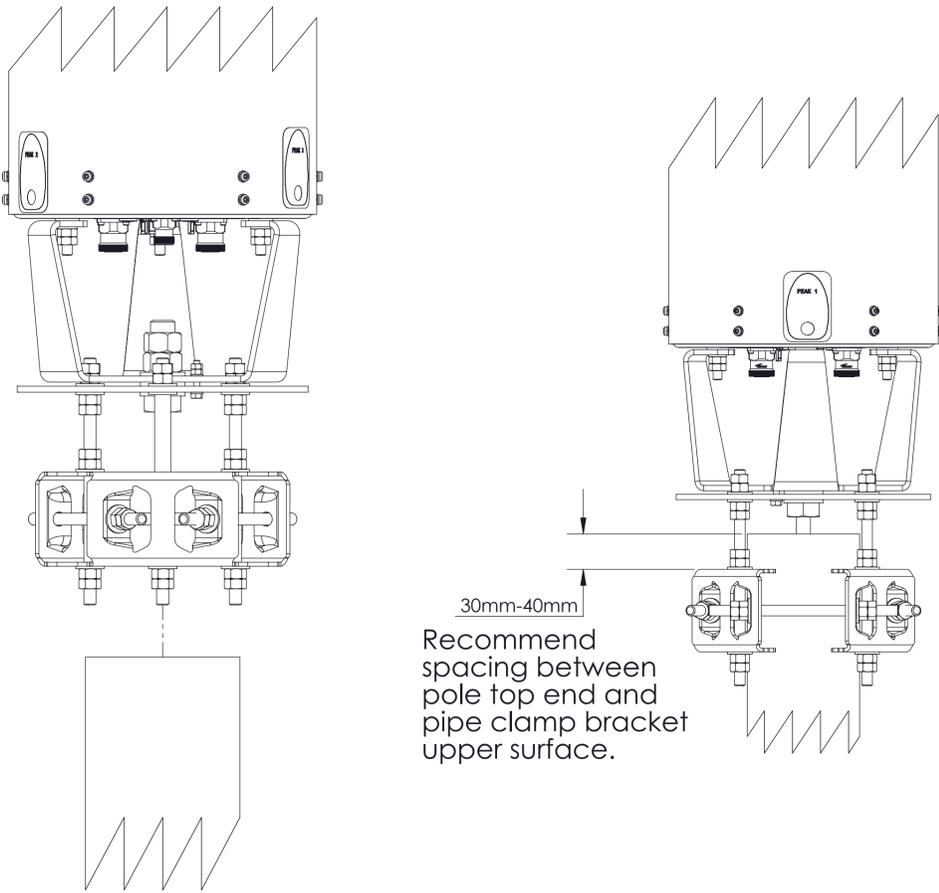


MC-MNT-TOP



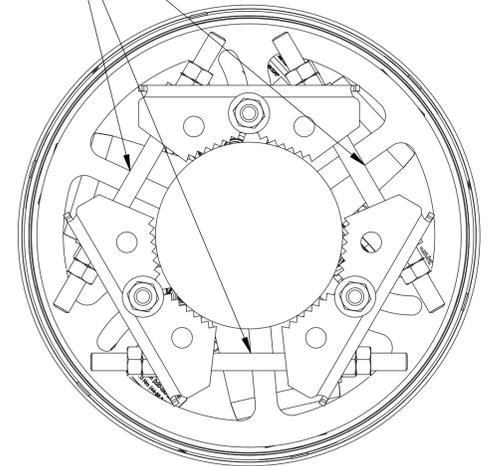
MC-MNT-TOP

ATTENTION: Tighten three M12 fasteners on pipe clamp brackets.



30mm-40mm
Recommend spacing between pole top end and pipe clamp bracket upper surface.

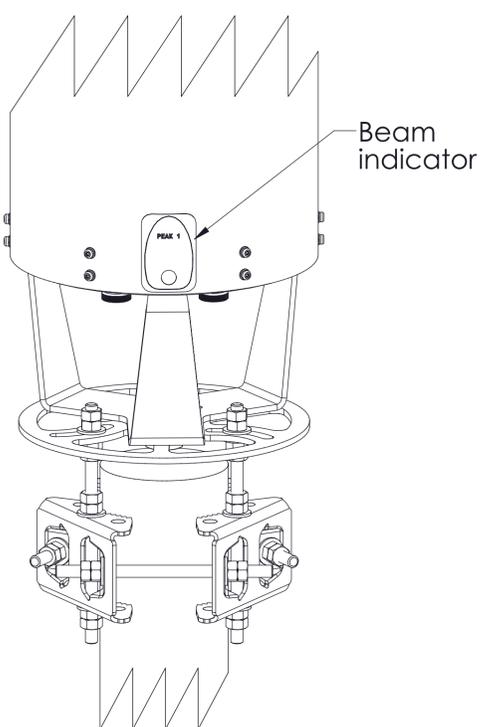
Position the pipe clamp brackets equally around the pole. Three M12 fasteners should have similar length thread engagement when they are tightened, or studs may interfere with shroud cover.



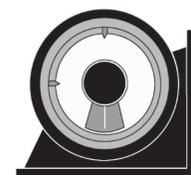
MAXIMUM TORQUE VALUES	
M12	58 N.m (43ft lbs)
M24	100 N.m (74ft lbs)

MC-MNT-TOP

ATTENTION: Orient the antenna unit so that the beam indicator on each antenna is directed where beam is desired.

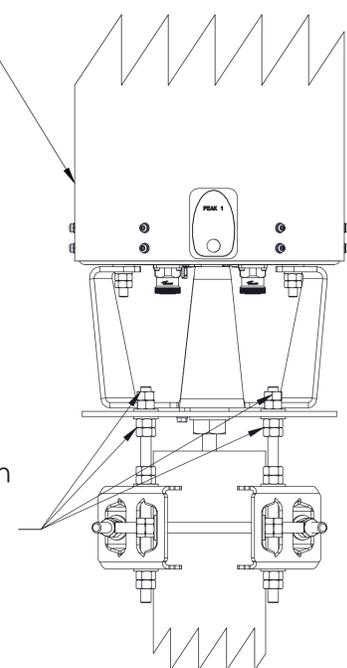


ATTENTION: Tighten M24 screws firstly, then tighten M6 screw and other fasteners



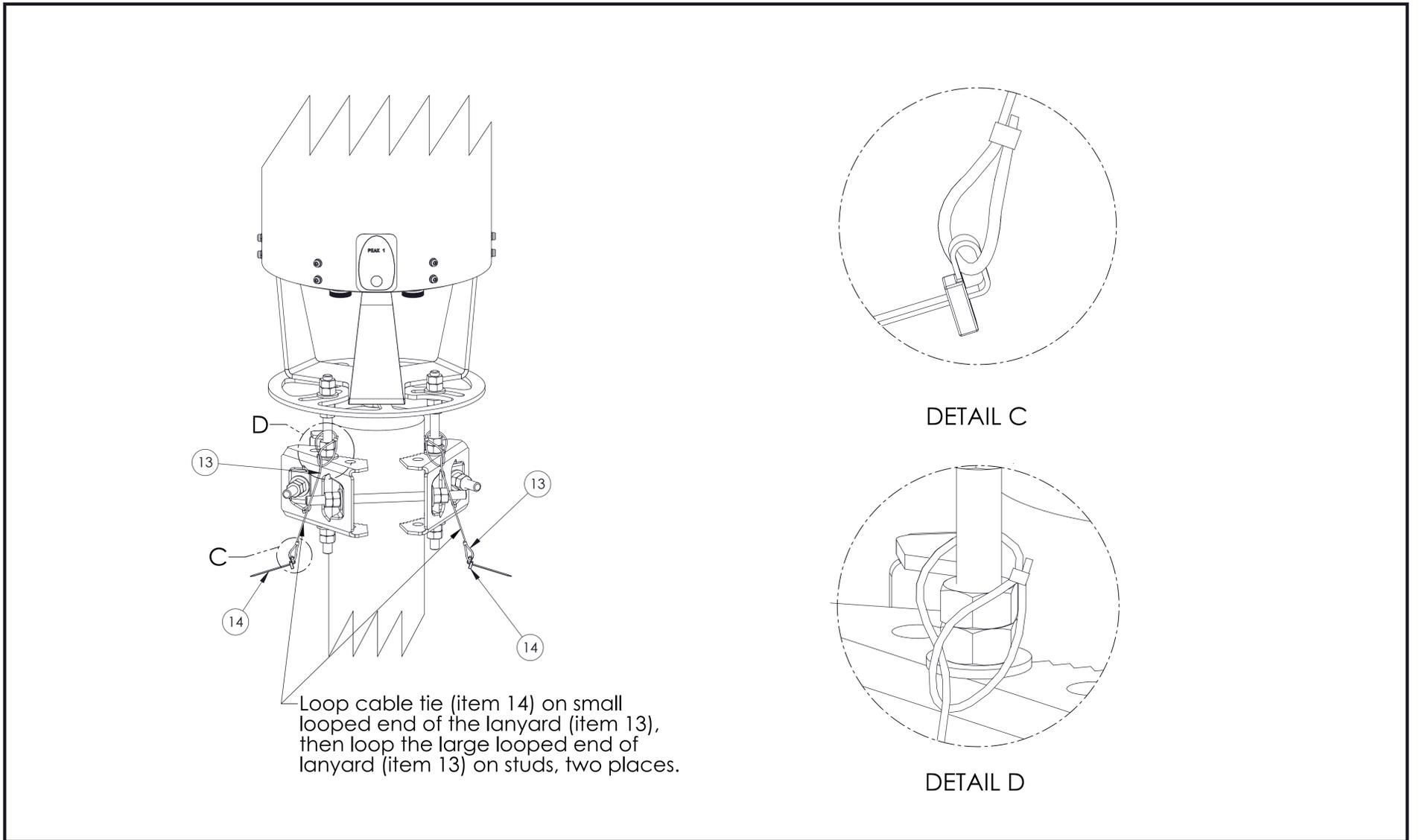
Use inclinometer to verify antenna is truly vertical

Adjust nuts position to assure antenna is truly vertical.

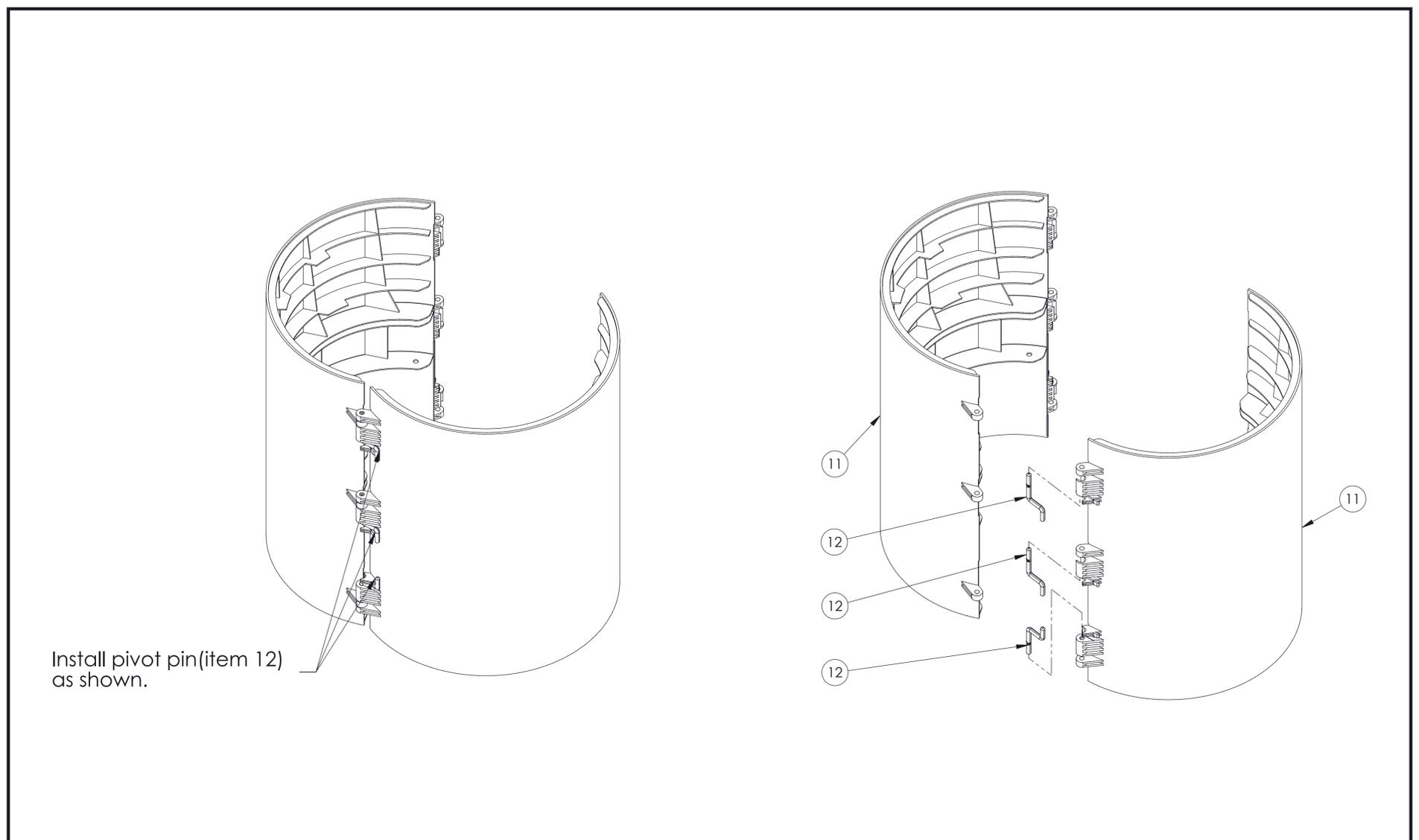


MAXIMUM TORQUE VALUES	
M6	4 N.m (3ft lbs)
M12	58 N.m (43ft lbs)
M24	100 N.m (74ft lbs)

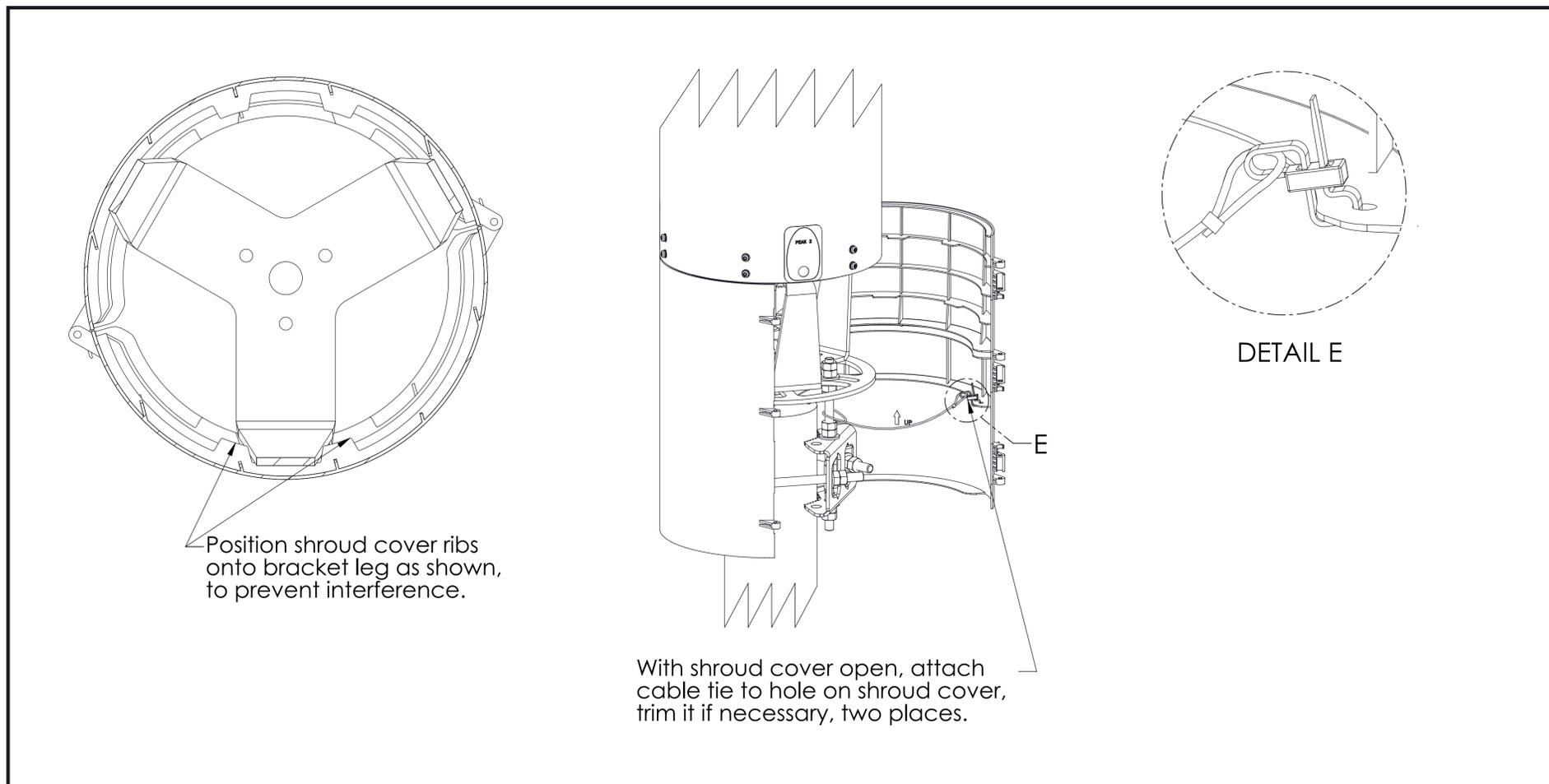
MC-MNT-TOP



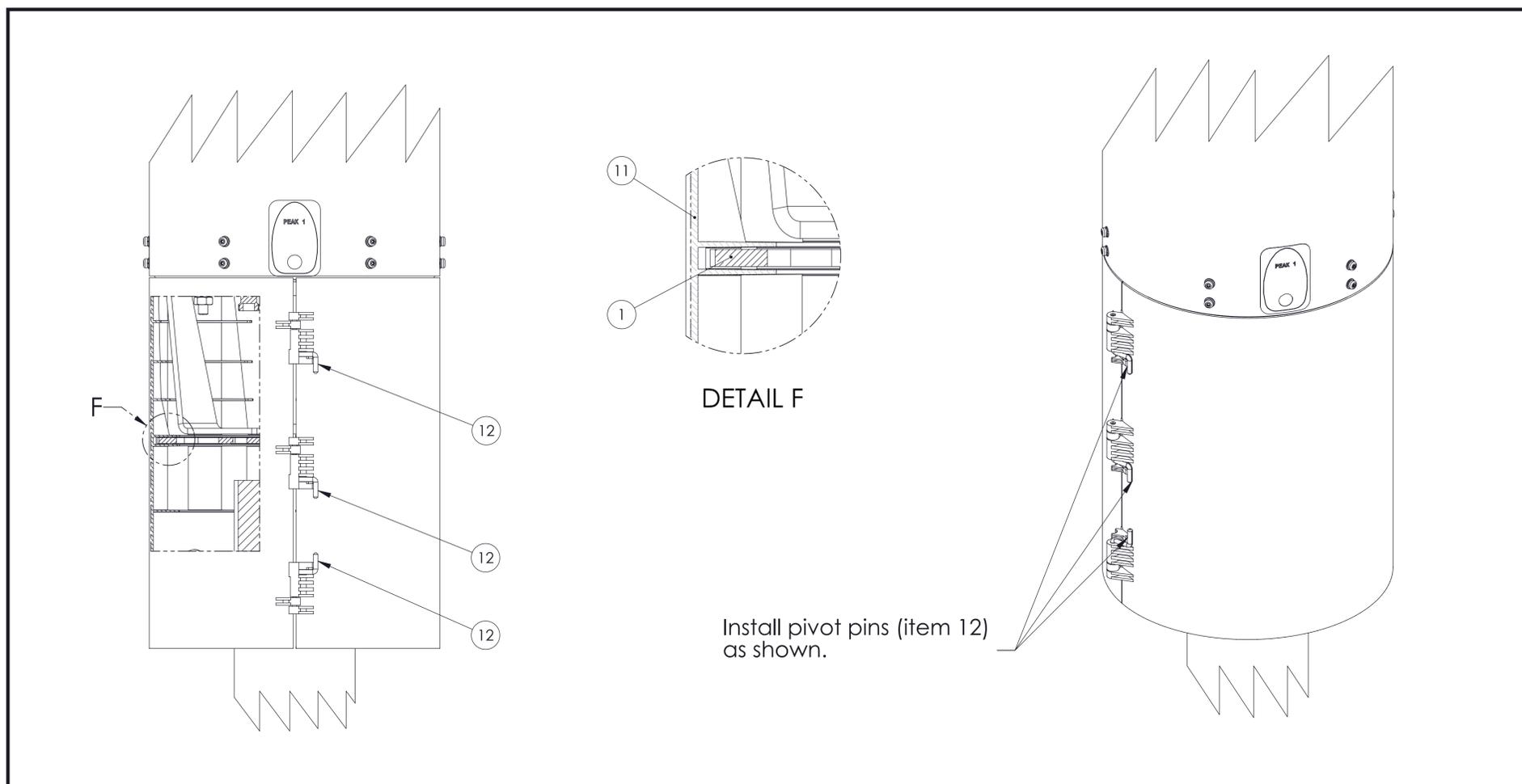
MC-MNT-TOP



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