

Installation Instructions

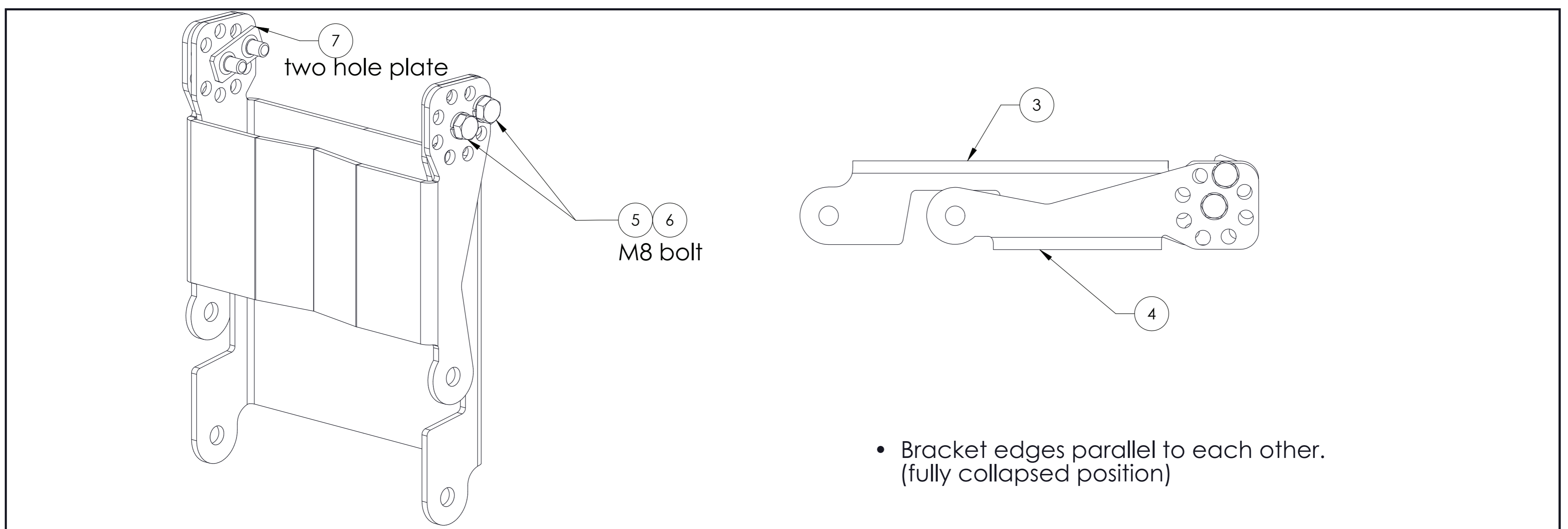
Mounting Kits For Wide Panel Antennas

BSAMNT Series: Mounting systems for cylindrical pipe installations (60-115mm pipe diameter) for heavy duty applications

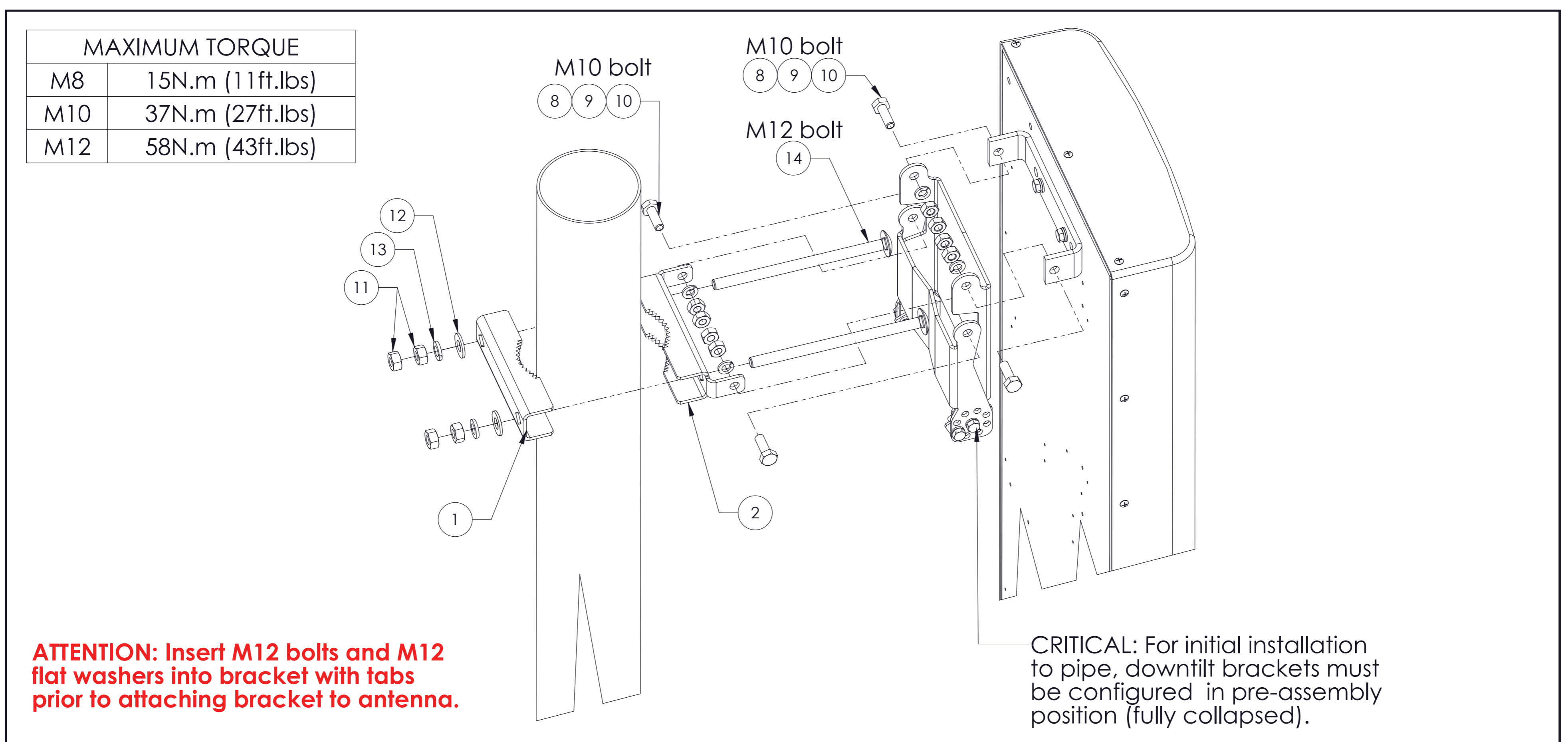
Andrew Institute offers installation training.

ITEM NO.	DESCRIPTION	QTY	U/M
1	PIPECLAMP BRACKET, NO FLANGE	2	EA
2	PIPECLAMP BRACKET, SHORT FLANGES	2	EA
3	NOTCHED BRACKET	1	EA
4	BRACKET	1	EA
5	SCR,HCS,HEX,M8X25,STL,GALV	4	EA
6	WSHR,LK,SPLT,M8,STL,GALV	4	EA
7	TWO HOLE PLATE, 8mm X 1.25 PITCH	2	EA
8	NUT,HEX,M10,STL,GALV	12	EA
9	WSHR,LK,SPLT,M10,STL,GALV	6	EA
10	SCR,HCS,HEX,M10X40,STL,GALV	6	EA
11	NUT,HEX,M12,STL,GALV	8	EA
12	WSHR,FLT,M12,13X28X2.5,STL,GALV	4	EA
13	WSHR,LK,SPLT,M12,STL,GALV	4	EA
14	BOLT,CARRIAGE,M12 X 200,STL,GALV	4	EA

Part Lists



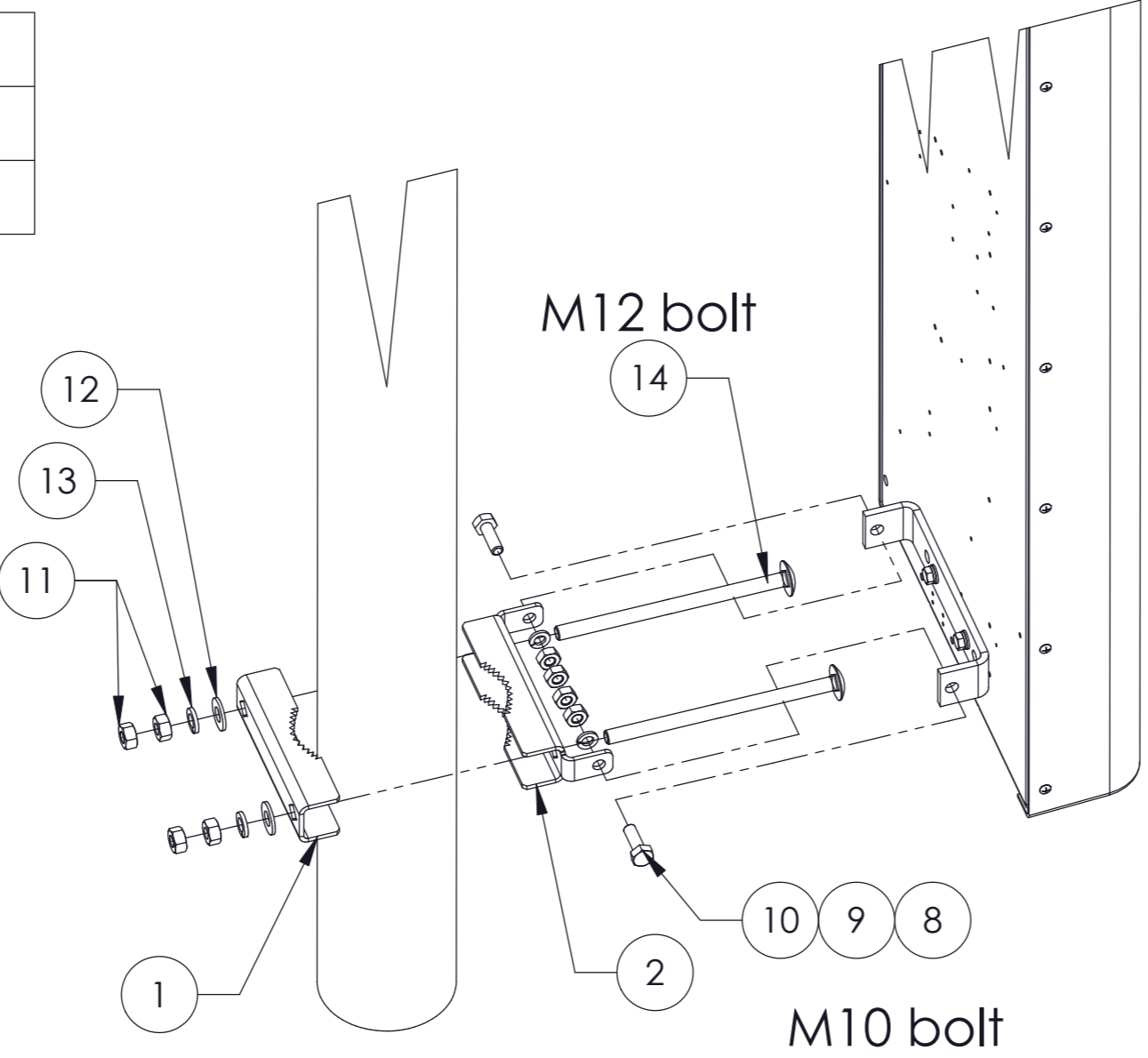
Pre-assembly of Downfill Brackets



Top / Middle Mount Installations

(Continued from page 1)

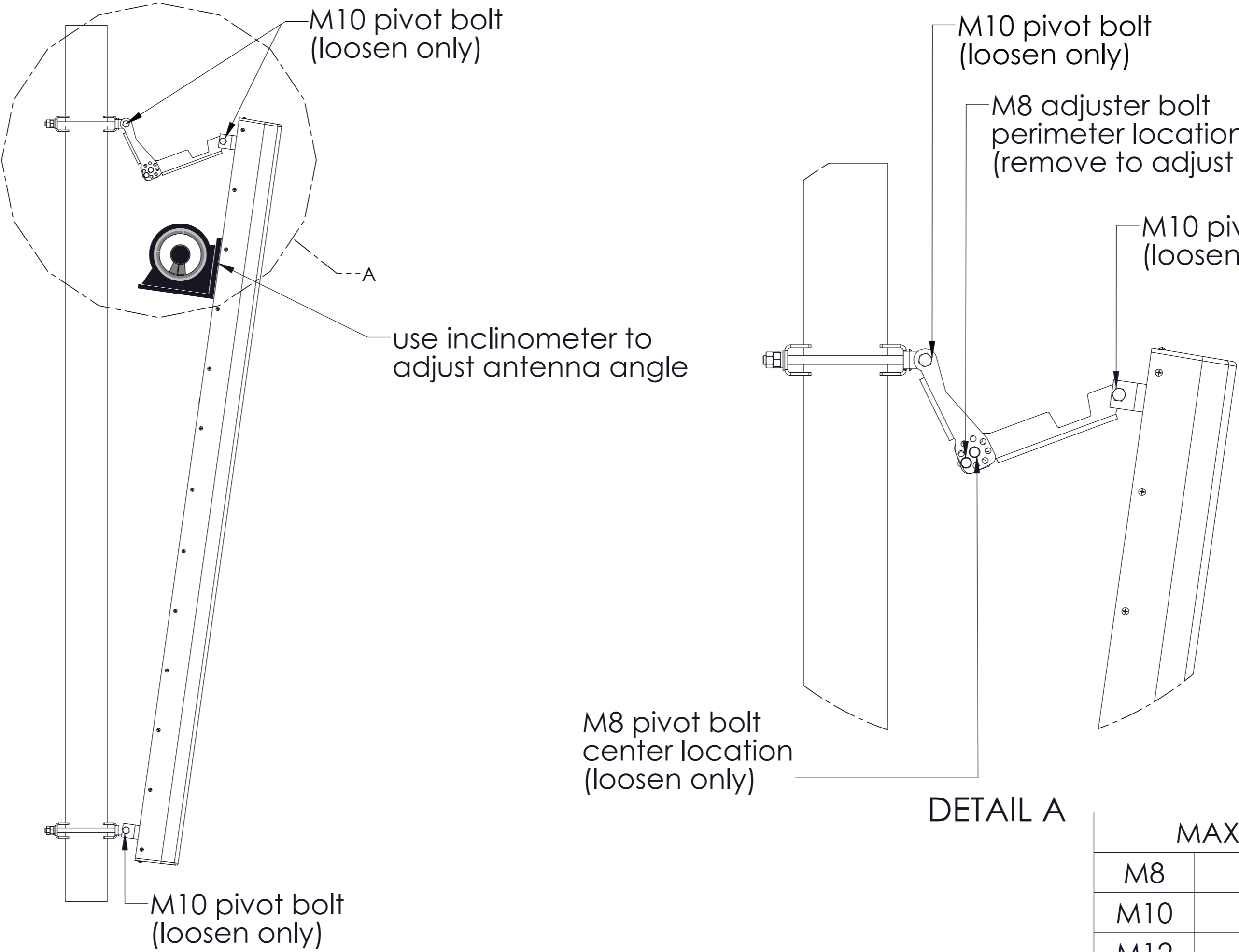
MAXIMUM TORQUE	
M10	37N.m (27ft.lbs)
M12	58N.m (43ft.lbs)



ATTENTION: Insert M12 bolts and M12 flat washers into bracket with tabs prior to attaching bracket to antenna.

Bottom Mount Installation

- Loosen pivot bolts . (do not remove)
- Remove adjuster bolts.
- Adjust antenna angle. (use inclinometer)
- Reinstall adjuster bolts.
- Retighten all bolts.



MAXIMUM TORQUE	
M8	15N.m (11ft.lbs)
M10	37N.m (27ft.lbs)
M12	58N.m (43ft.lbs)

Adjusting Antenna Tilt

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.

RF Safety Warning:

Although the final configurations are determined at time of licensing, it is important that the antenna selection and installation do not exceed equipment authorization and adequate separation distance is maintained. One of investigated configurations is that RRH 2x45 MHz has an output EIRP of 5.2kW and a minimum RF safety separation distance of 6.4 meters with max gain 17.5 dBi.