

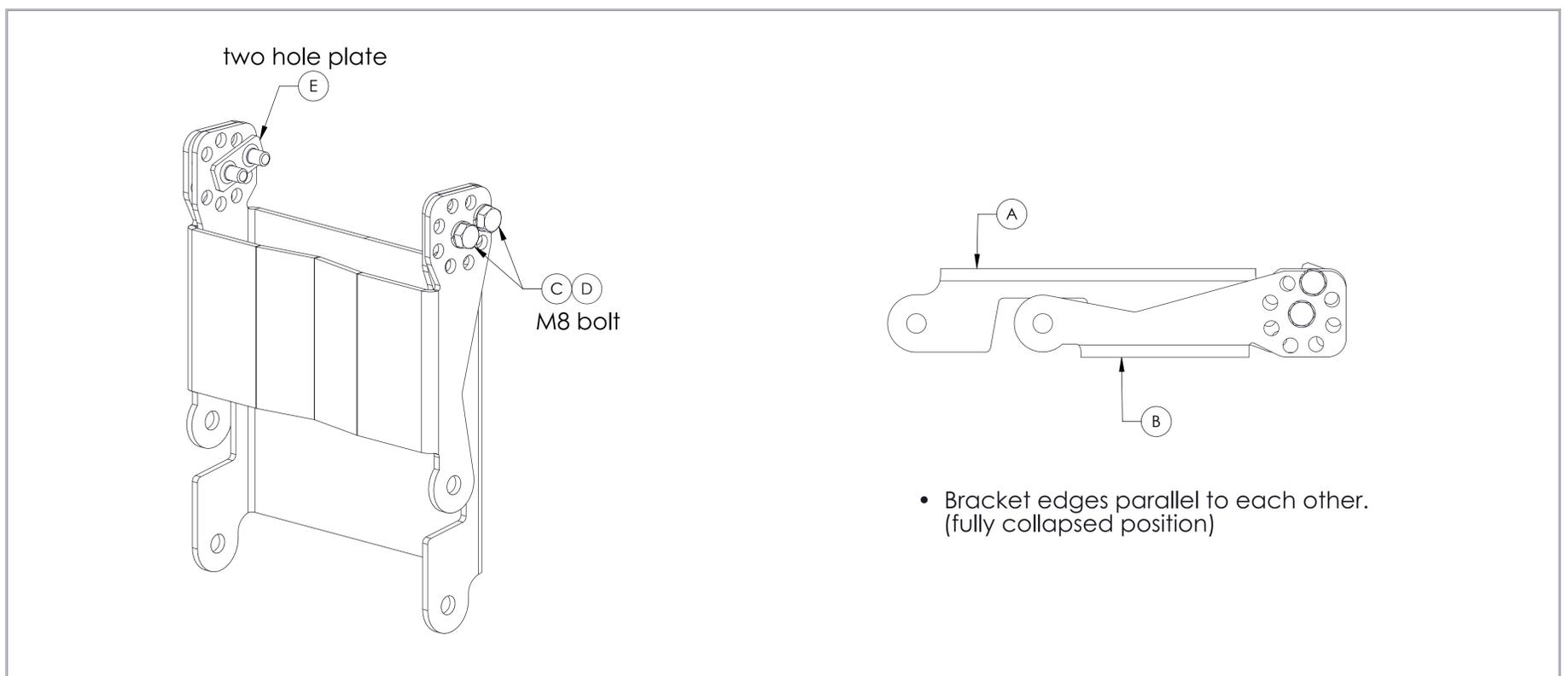
639844 Revision A, May 2016

Mounting Kits For Wide Panel Antennas

This document explains how to combine a DB380-9-ADFD1820 Mount Kit with a BSAMNT-1 or BSAMNT-3 Downtilt Mount Kit to mount an antenna to a round structure up to 200mm in diameter. Several components from each kit will not be used in the installation.

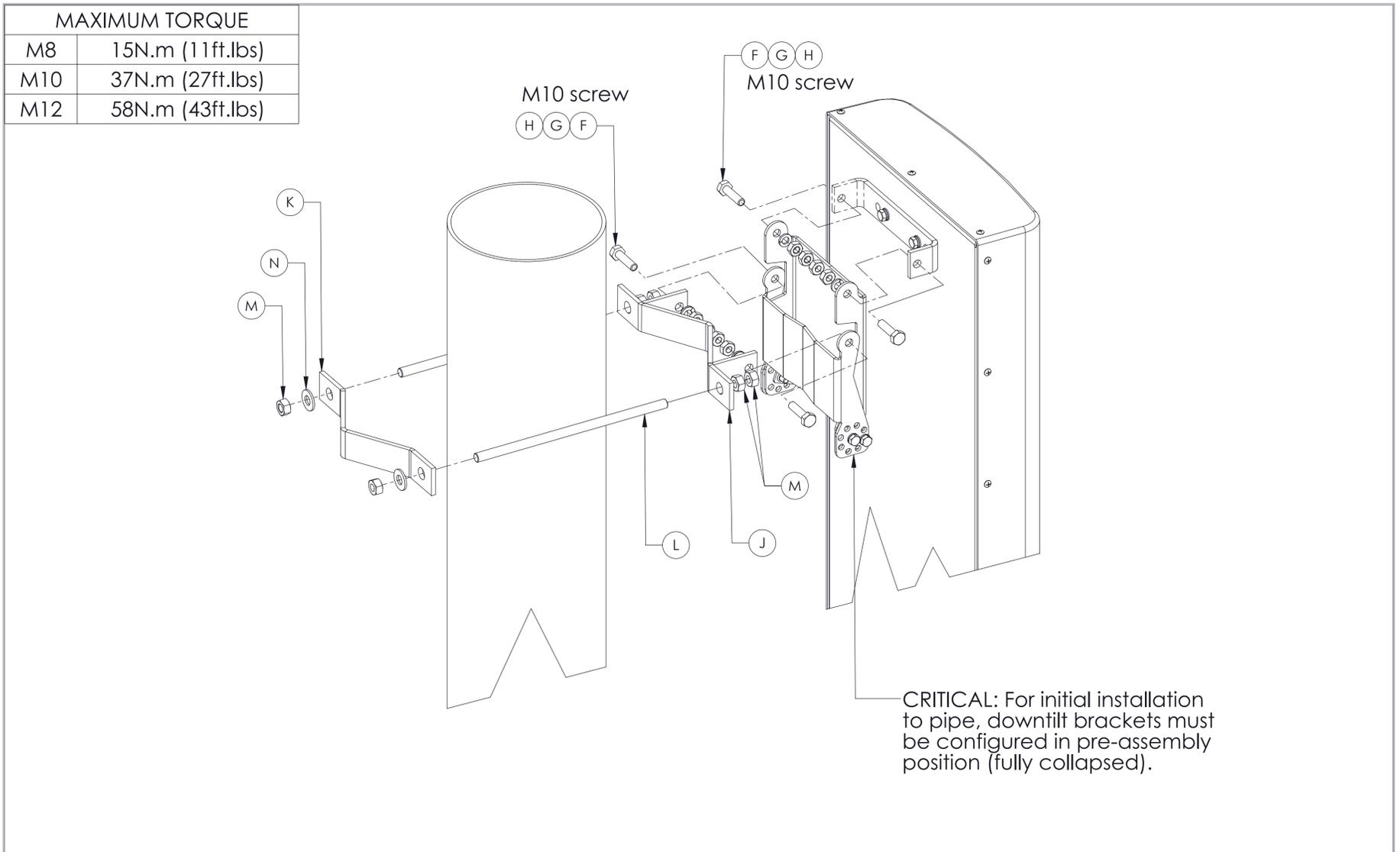
ITEM	SOURCE KIT	SOURCE KIT ITEM #	DESCRIPTION	QTY.
A	BSAMNT-1 or -3	3	NOTCHED BRACKET	1
B	BSAMNT-1 or -3	4	BRACKET	1
C	BSAMNT-1 or -3	5	SCR,HH,HEX,M8X25,SST,PASS	4
D	BSAMNT-1 or -3	6	WSHR,LK,SPLT,M8,STL,GALV	4
E	BSAMNT-1 or -3	7	TWO HOLE PLATE, 8MM X 1.25 PITCH	2
F	BSAMNT-1 or -3	8	NUT,HEX,M10,STL,GALV	12
G	BSAMNT-1 or -3	9	WSHR,LK,SPLT,M10,STL,GALV	6
H	BSAMNT-1 or -3	10	SCR,HCS,HEX,M10X40,STL,GALV	6
J	DB380-9-ADFD1820	1	PIPE BRACKET WITH TABS	2
K	DB380-9-ADFD1820	2	PIPE BRACKET WITHOUT TABS	2
L	DB380-9-ADFD1820	4	M12 X 1.75 X 280 THREAD ROD	4
M	DB380-9-ADFD1820	5	M12 X 1.75 GALV. HEX NUT	12
N	DB380-9-ADFD1820	6	M12 REGULAR GALV. LOCK WASHER	4

Parts List

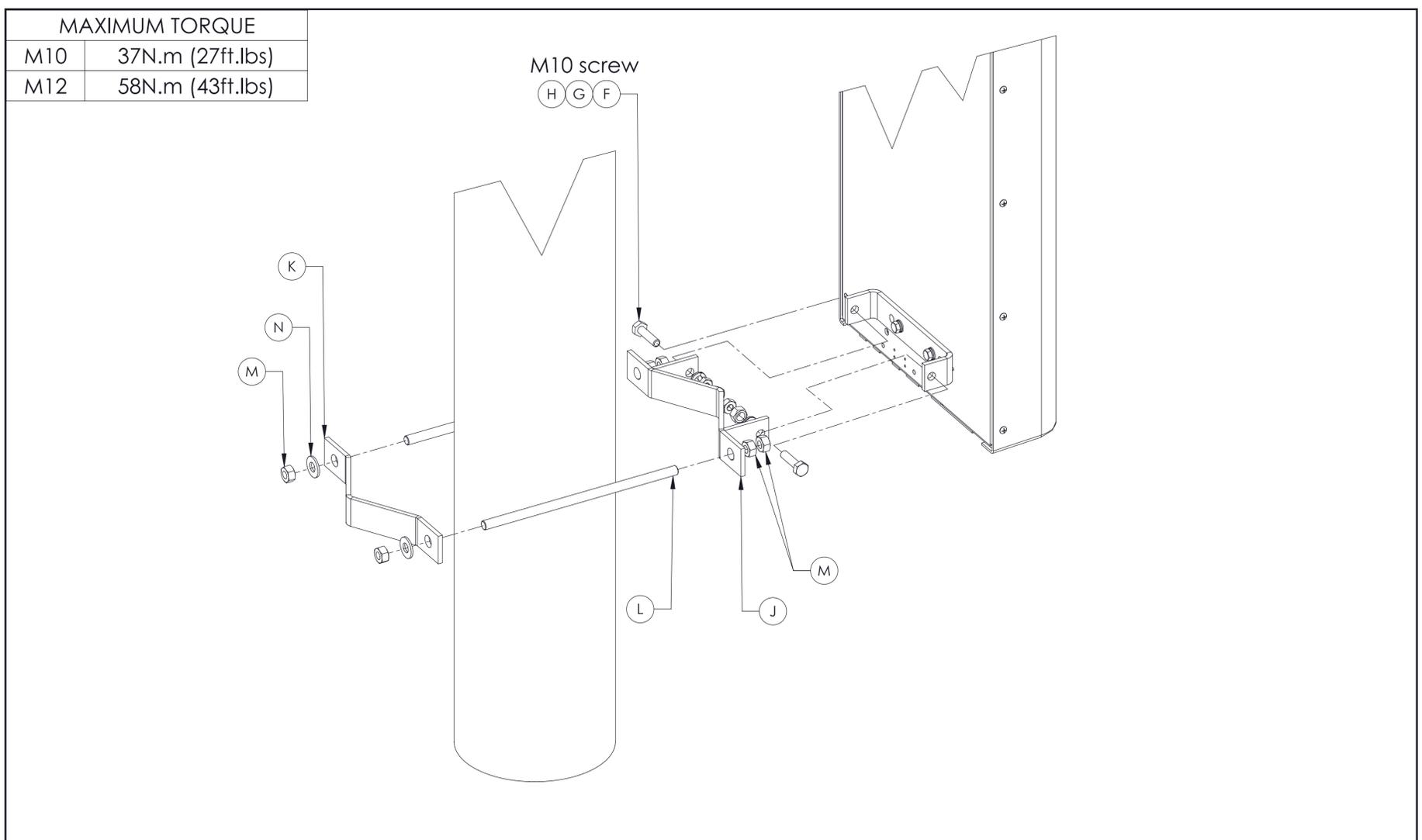


Pre-assembly of Downtilt Brackets by Kit Vendor

(Continued from page 1)



Top / Middle Mount Installations



Bottom Mount Installation

(Continued from page 2)

- Loosen pivot screws. (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.