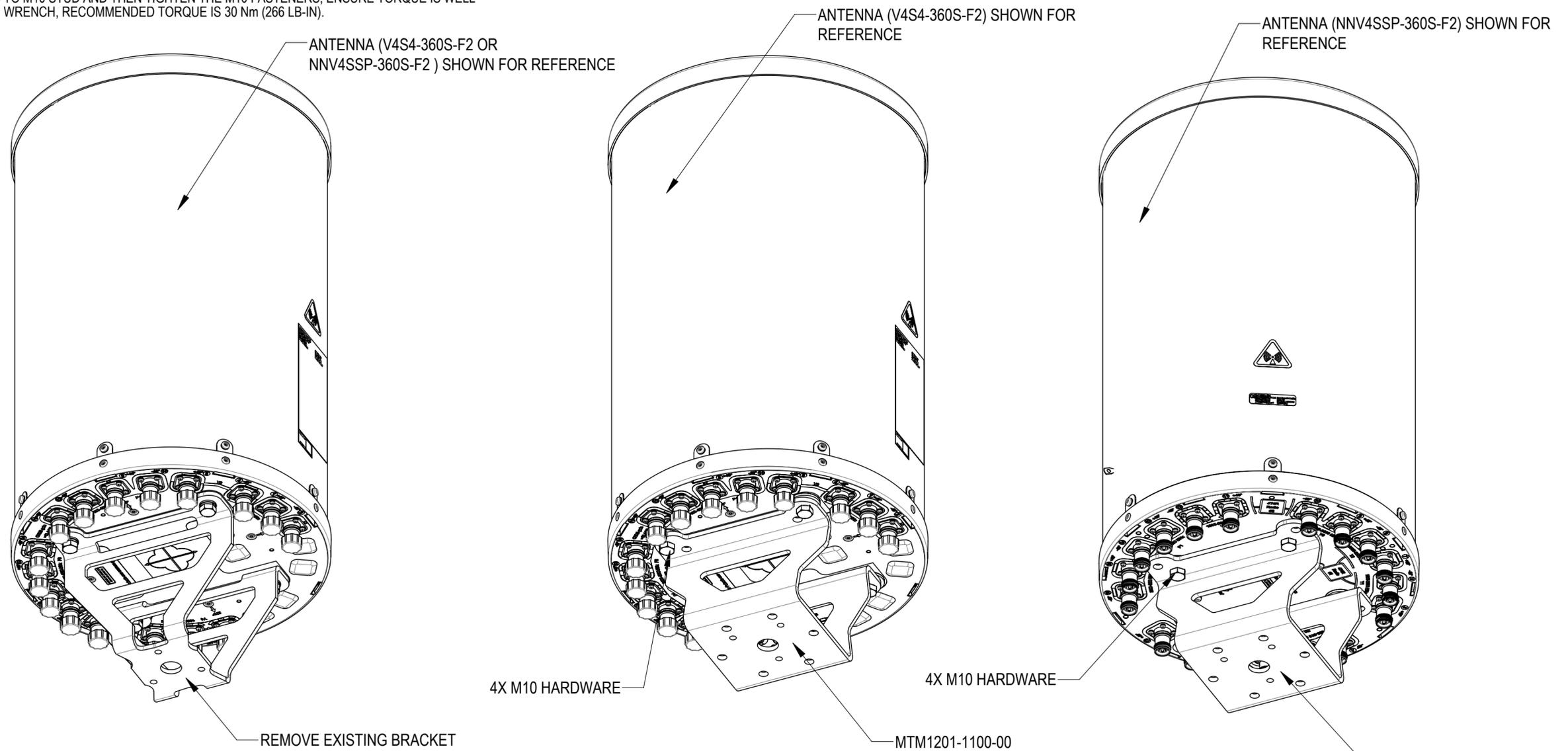


- 1.0 GENERAL NOTES
- 1.1 ALL METRIC DIMENSIONS ARE IN BRACKETS [X.X]
- 2.0 DESIGN NOTES
- 2.1 IT'S INTENDED DESIGN IS FOR 4-STUD MOUNTING BRACKET COMMSCOPE CANNISTER STYLE ANTENNAS
- 3.0 MANUFACTURING/SPECIAL REQUIREMENTS
- 3.1 DO NOT REPLACE OR DISCARD ANY OTHER PART EXCEPT THE BOTTOM MOUNTING BRACKET.
- 3.2 KEEP USING ORIGINAL M10 FASTENERS ON ANTENNA (THEY ARE DESIGNED FOR MINIMIZING PIM IMPACT)
- 3.3 CUSTOMIZED BRACKET NEEDS TO HAVE 4 MOUNTING POINTS (SAME AS ORIGINAL BRACKET), MOUNTING POINTS (SAME AS ORIGINAL BRACKET), MOUNTING AREA SHOULD NOT BE SMALLER THAN ORIGINAL BRACKET.
- 3.4 RECOMMENDED BRACKET THICKNESS IS 6MM, THICKNESS MUST BE WITHIN RANGE 5-7 MM ,OTHERWISE PIM LEVEL MAY BE INFLUENCED
- 3.5 APPLY LOCTITE 425 TO M10 STUD AND THEN TIGHTEN THE M10 FASTENERS, ENSURE TORQUE IS WELL CONTROLLED WITH WRENCH, RECOMMENDED TORQUE IS 30 Nm (266 LB-IN).
- 4.0 TEST
- 5.0 PACKAGING

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	ZL1057 17OCT23	ZM1026 40181150CMO



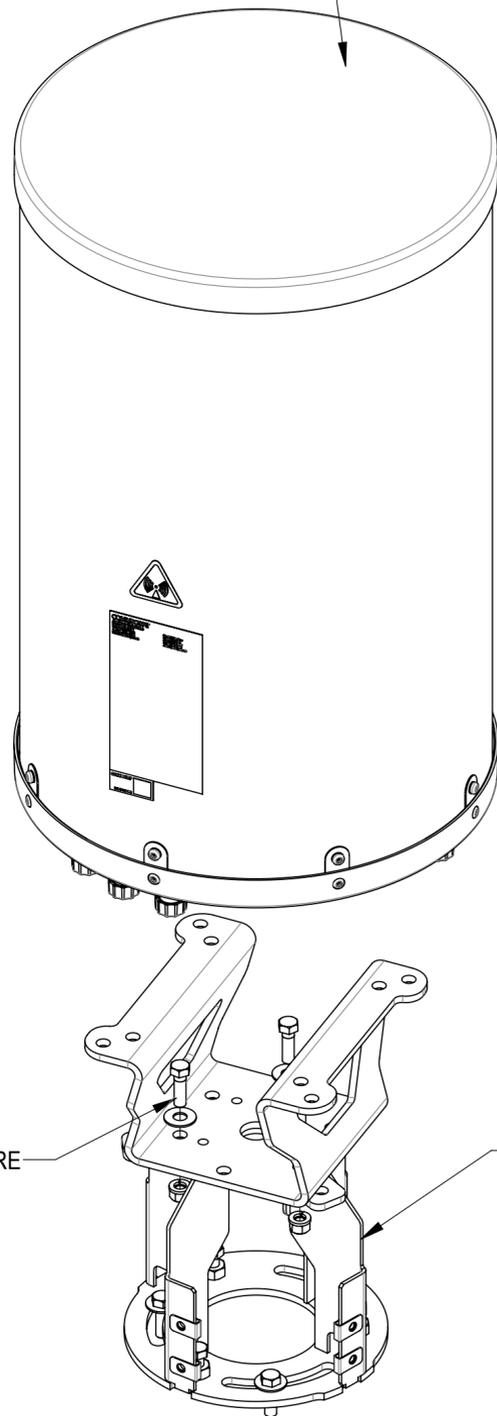
STEP 1
 a) REMOVE THE OLD BRACKET AND HARDWARE FROM THE BOTTOM OF ANTENNA.
 b) RETAIN HARDWARE FROM THE OLD BRACKET.

STEP 2
 INSTALL BRACKET MTM1201-1100-00 TO ANTENNA USING THE ORIGINAL 4 SETS OF M10 HARDWARE FROM THE FACTORY BRACKET (SCREWS, LOCK , FLAT,& GASKET WASHERS) AS SHOWN,REFERENCE NOTE 3.2

COMMSCOPE, INC. OF NORTH CAROLINA									
TOLERANCES					SAP MATERIAL MASTER				
1 PLACE .X[X] ± 0.2[6.3]		3 PLACE .XXX[X] ± 0.060[1.5]			860666695				
2 PLACE .XX[X] ± 0.12[3.0]		ANGLES ± 2°							
FINISH					MATERIAL				
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES INTERPRET PER ANSI Y 14.5M-1994	CE	ZL1057	17OCT23	860666695-INSTALL					
	RW	ZL1057	11/06/2023						
	AD	ZM1026	11/17/2023						
	RE	DM1121	11/22/2023						
	ECN	40181150CMO							
SCALE		DOCUMENT NO.							
1:8		860666695-INSTALL							
SIZE	Auth Group	INSL	MODEL			DRAWING			
C			VERSION	STATUS	REVISION	VERSION	STATUS	REVISION	SHEET
			00	RE	A	00	RE	A	1 OF 2

DENSITY		lbs/in ³
MASS	48.17	lbs
VOLUME	489.66	in ³
SURFACE AREA	19394.13	in ²
HEIGHT	36.35[923.3]	
LENGTH	14.90[378.5]	
WIDTH	14.90[378.5]	

ANTENNA (V4S4-360S-F2 OR
NNV4SSP-360S-F2) SHOWN FOR REFERENCE

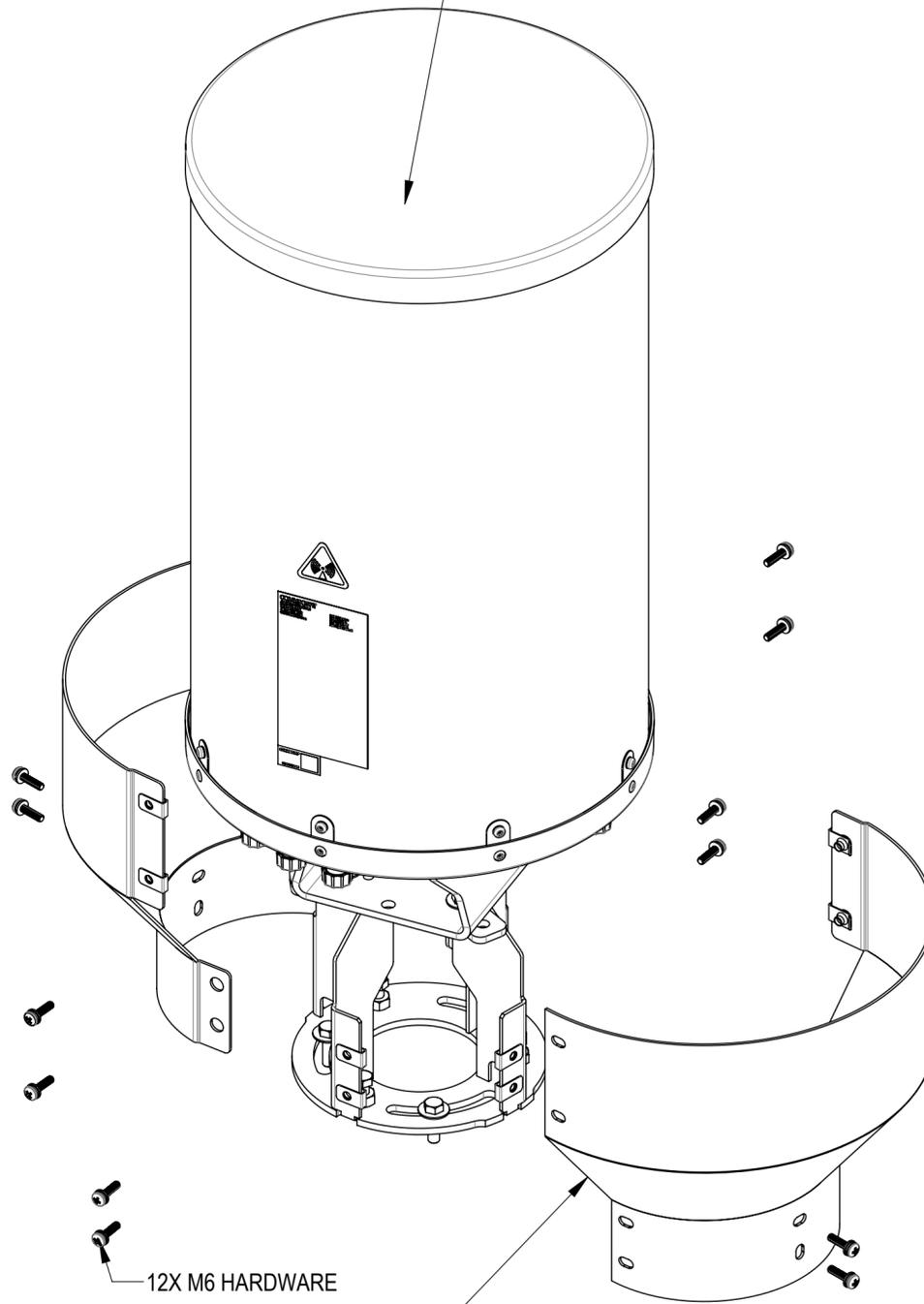


3X 3/8" HARDWARE

MTM1099-1100

STEP 3
INSTALL WELDMENT MTM1099-1100
USING 3 SETS OF 3/8" HARDWARE (BOLT, LOCK & FLAT WASHERS,NUT) AS SHOWN

ANTENNA (V4S4-360S-F2 OR
NNV4SSP-360S-F2) SHOWN FOR REFERENCE

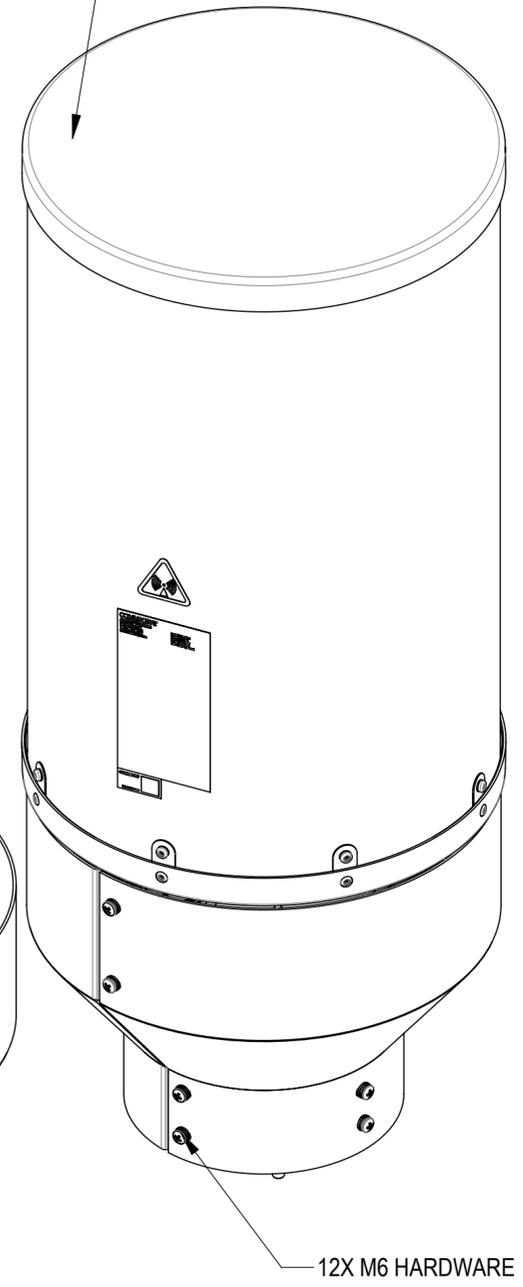


12X M6 HARDWARE

MTM1090-1040-XX

STEP 4
INSTALL POLE TRANSITION COVER MTM1090-1040-XX
USING 12 SETS OF M6 HARDWARE (SCREWS, LOCK & FLAT WASHERS) AS SHOWN

ANTENNA (V4S4-360S-F2 OR
NNV4SSP-360S-F2) SHOWN FOR REFERENCE



12X M6 HARDWARE

COMMSCOPE, INC. OF NORTH CAROLINA

TITLE				
86066695-INSTALL				
SIZE	SCALE	DOCUMENT NO.		
C	1:8	86066695-INSTALL		
DRAWING				SHEET
VERSION	STATUS	REVISION	2 OF 2	
00	RE	A		