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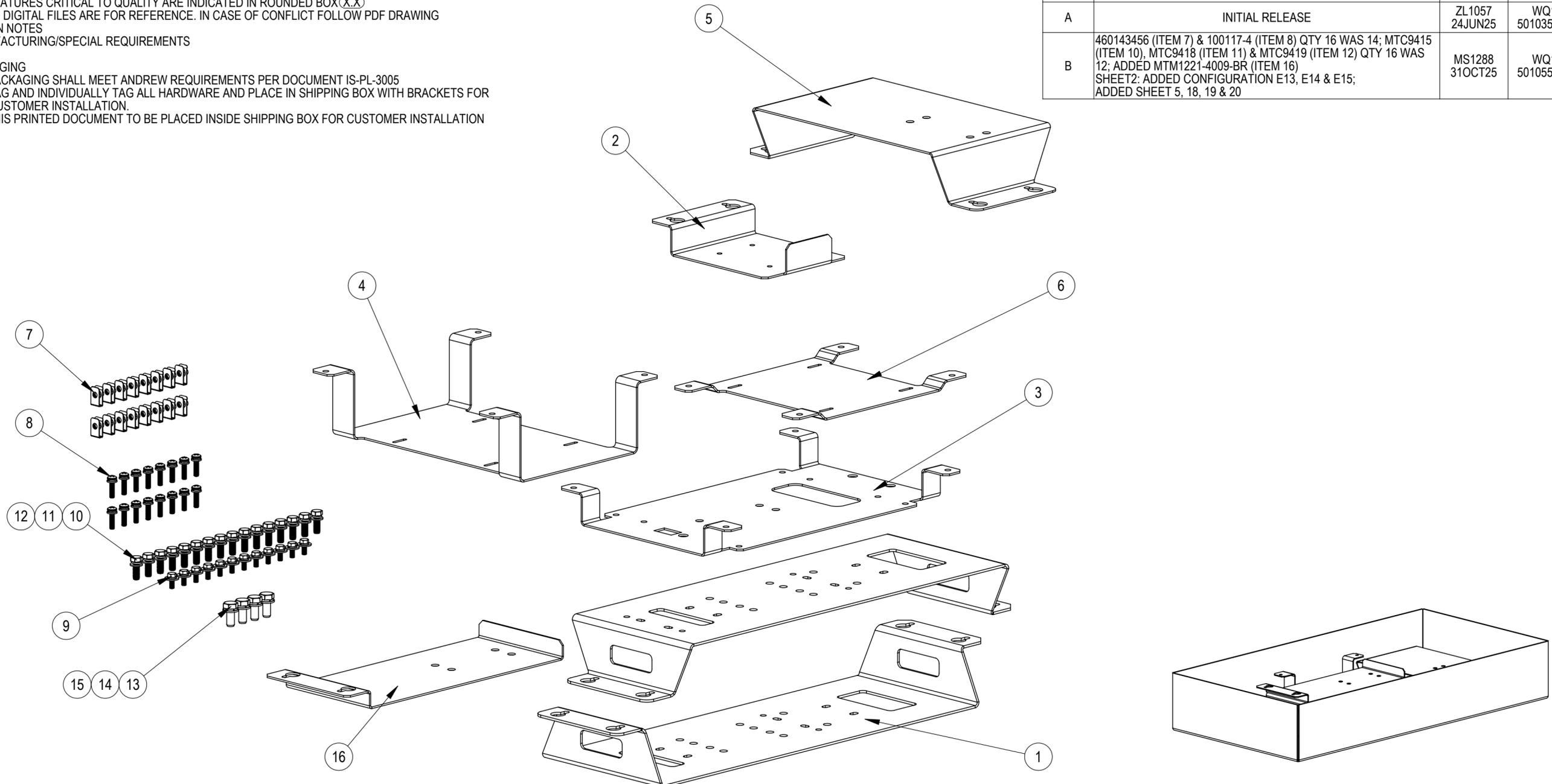
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- 1.0 GENERAL NOTES
 1.1 ALL METRIC DIMENSIONS ARE IN BRACKETS [X.X]
 1.2 FEATURES CRITICAL TO QUALITY ARE INDICATED IN ROUNDED BOX (XX)
 1.3 3D DIGITAL FILES ARE FOR REFERENCE. IN CASE OF CONFLICT FOLLOW PDF DRAWING
- 2.0 DESIGN NOTES
- 3.0 MANUFACTURING/SPECIAL REQUIREMENTS
- 4.0 TEST
- 5.0 PACKAGING
 5.1 PACKAGING SHALL MEET ANDREW REQUIREMENTS PER DOCUMENT IS-PL-3005
 5.2 BAG AND INDIVIDUALLY TAG ALL HARDWARE AND PLACE IN SHIPPING BOX WITH BRACKETS FOR CUSTOMER INSTALLATION.
 5.3 THIS PRINTED DOCUMENT TO BE PLACED INSIDE SHIPPING BOX FOR CUSTOMER INSTALLATION

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	ZL1057 24JUN25	WQ1001 50103540AMO
B	460143456 (ITEM 7) & 100117-4 (ITEM 8) QTY 16 WAS 14; MTC9415 (ITEM 10), MTC9418 (ITEM 11) & MTC9419 (ITEM 12) QTY 16 WAS 12; ADDED MTM1221-4009-BR (ITEM 16) SHEET2: ADDED CONFIGURATION E13, E14 & E15; ADDED SHEET 5, 18, 19 & 20	MS1288 31OCT25	WQ1001 50105522AMO



COMPONENT PART NUMBERS PROVIDED FOR ASSEMBLY PURPOSES;
 INDIVIDUAL COMPONENTS MAY BE SHIPPED AS PARTS WITHIN AN INCLUDED KIT.

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	NOTE
1	MTM1221-4001-BR	MOUNTING BRACKET, ERC	2	
2	MTM1221-4002-BR	MOUNTING BRACKET, 6304/DELTA2.0/CC1600	1	
3	MTM1221-4003-BR	MOUNTING BRACKET, DIPELXER	1	
4	MTM1221-4004-BR	MOUNTING BRACKET, ERC AC08 PSU	1	
5	MTM1221-4008-BR	MOUNTING BRACKET, ERC E-6308	1	
6	MTM1028-691-BR	MOUNTING BRACKET, ERC AC08 PSU	1	
7	460143456	CLIP NUT, M6, 316 SST	16	5.2
8	100117-4	FA, SEMS, PH, XRES, M6X25, SST, PASS	16	5.2
9	460155492	SEMS, HCS M6 X 16MM WITH CAPTIVE WASHERS	12	5.2
10	MTC9415	M8 X 25mm HEX BOLT SS	16	5.2
11	MTC9418	M8 LOCK WASHER SS	16	5.2
12	MTC9419	M8 FLAT WASHER SS	16	5.2
13	MTC9416	M10 X 25mm HEX BOLT SS	4	5.2
14	100522-37	WSHR, LK, SPLT, M10, SST, PASS	4	5.2
15	MTC978706	M10 Stainless Steel Flat Washer	4	5.2
16	MTM1221-4009-BR	MOUNTING BRACKET, ERC E-4461/4471	1	
9000	MTM1193-9900-AMK-E	KIT ERC INSTALL - PB20 72" TMT RAD EXT	1	5.3

DENSITY		lbs/in ³
MASS	14.56	lbs
VOLUME	292.24	in ³
SURFACE AREA	5244.27	in ²
HEIGHT	6.00[152.4]	
LENGTH	36.00[914.4]	
WIDTH	18.00[457.2]	

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TOLERANCES
 1 PLACE .X[X] ± 0.2[6.3] 3 PLACE .XXX[X] ± 0.060[1.5]
 2 PLACE .XX[X] ± 0.12[3.0] ANGLES ± 2°

SAP MATERIAL MASTER
MTM1193-9900-AMK-E

FINISH: _____ MATERIAL: _____

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES INTERPRET PER ANSI Y 14.5M-1994	NAME	DATE	TITLE			
	CE ZL1057	02JUL25	KIT ERC INSTALL - PB20 72" TMT RAD EXT			
	RW MS1288	11/12/2025				
	AD JX1002	11/13/2025	SCALE	DOCUMENT NO.		
	RE DM1121	11/13/2025	1:8	MTM1193-9900-AMK-E		
ECN 50105522AMO		SIZE	Auth Group INSL			
VERSION	STATUS	REVISION	VERSION	STATUS	REVISION	SHEET
01	RE	B	01	RE	B	1 OF 20

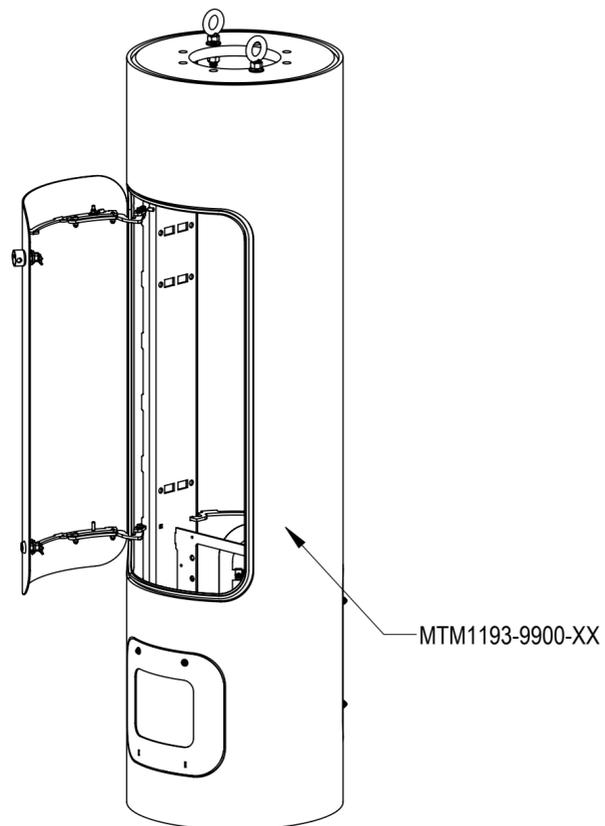
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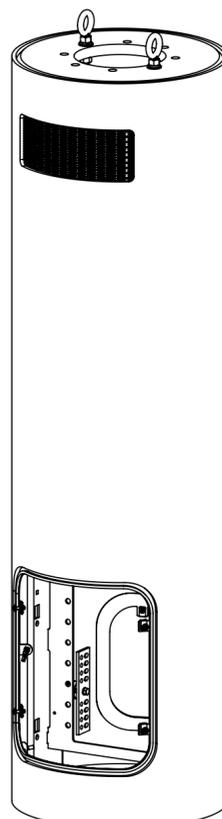
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CONFIGURATION	SHEET NO.	EQUIP.1	QTY	EQUIP.2	QTY	EQUIP.3	QTY	EQUIP.4	QTY
E1	6	4455	1						
E2	7	8843	1			QUAD DIPLEXER SDX1926Q-43	1	2X AC08 OR E-6304	1
E3	8	4449	1					2X AC08 OR E-6304	1
E4	9	8863	1			QUAD DIPLEXER SDX1926Q-43	1	2X AC08 OR E-6304	1
E5	10	4415	1					AC08 OR E-6304	1
E6	11	4426	1					AC08 OR E-6304	1
E7	12	4478	1					AC08 OR E-6304	1
E8	13	E-440X	4			QUAD DIPLEXER SDX1926Q-43	1		
E9	14	4490	1			QUAD DIPLEXER SDX1926Q-43	1	AC08 OR E-6304	1
E10	15	4890	1			QUAD DIPLEXER SDX1926Q-43	1	AC08 OR E-6304	1
E11	16	4467	1			QUAD DIPLEXER SDX1926Q-43	1	AC08 OR E-6304	1
E12	17	4490	1			4890	1	6308	1
E13	18	4471	1			QUAD DIPLEXER SDX1926Q-43		1X AC08 OR 2X AC08 OR E-6304	1
E14	19	4461	1			QUAD DIPLEXER SDX1926Q-43		1X AC08 OR 2X AC08 OR E-6304	1
E15	20	4471	1	4461	1	QUAD DIPLEXER SDX1926Q-43	1	1X AC08 OR 2X AC08 OR E-6304	1

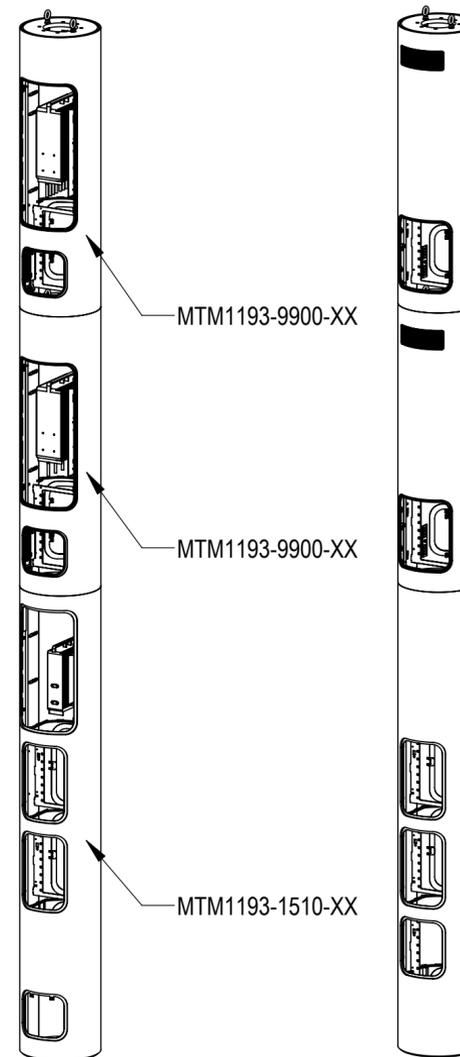


FRONT VIEW



REAR VIEW

CONFIGURATION: E1-E11 & E13-E15



FRONT VIEW

REAR VIEW

CONFIGURATION: E12

ESTABLISH ERICSSON CONFIGURATION FROM ABOVE TABLE TO INSTALL DESIRED ERICSSON RADIOS IN THE PB20
 SEE SHEET 3, 4 & 5 FOR DETAILED SECURING OF RADIOS & DIPLEXERS TO BRACKETS.
 SEE SPECIFIC SHEET NUMBER FOR FURTHER INSTALLATION DETAILS.

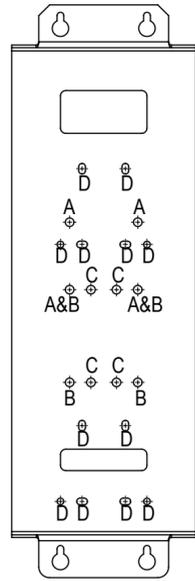
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TITLE
KIT ERC INSTALL - PB20 72" TMT RAD EXT

SIZE C	SCALE 1:12	DOCUMENT NO. MTM1193-9900-AMK-E
DRAWING		SHEET
VERSION 01	STATUS RE	REVISION B
		2 OF 20

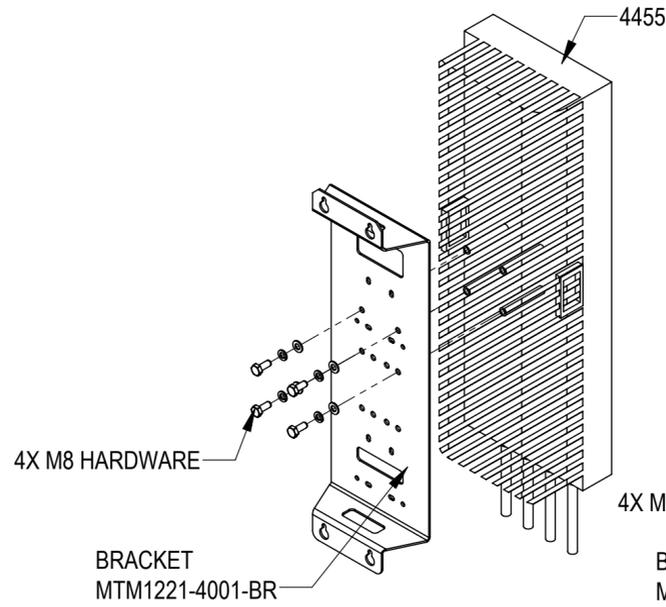
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EQUIPMENT MOUNTING INSTALLATION



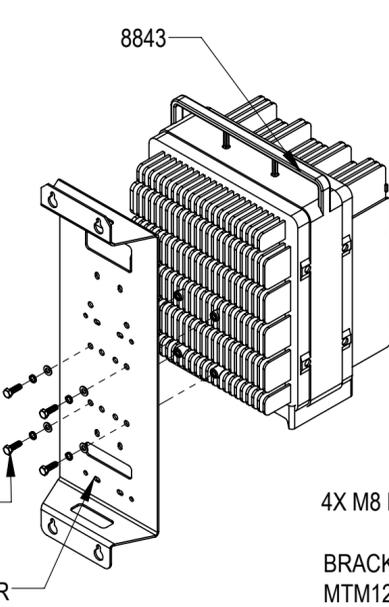
RADIO INSTALLATION MTM1221-4001-BR

"A": 4455
 "B": 8843 / 4449 / 8863
 / 4490 / 4890 / 4467
 "C": 4415 / 4426 / 4478
 "D": 440X



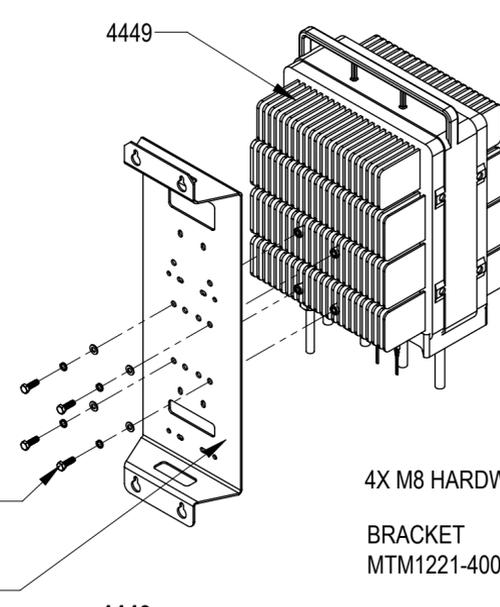
4455:

INSTALL 4455 TO THE MOUNTING BRACKET MTM1221-4001-BR USING 4 SETS OF M8 HEX BOLTS, LOCK WASHERS AND FLAT WASHERS AS SHOWN



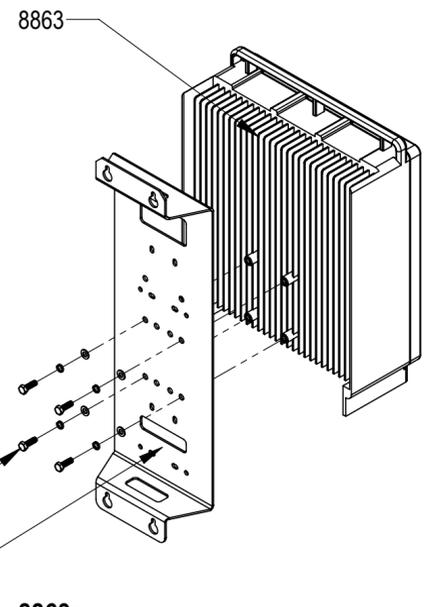
8843:

INSTALL 8843 TO THE MOUNTING BRACKET MTM1221-4001-BR USING 4 SETS OF M8 HEX BOLTS, LOCK WASHERS AND FLAT WASHERS AS SHOWN



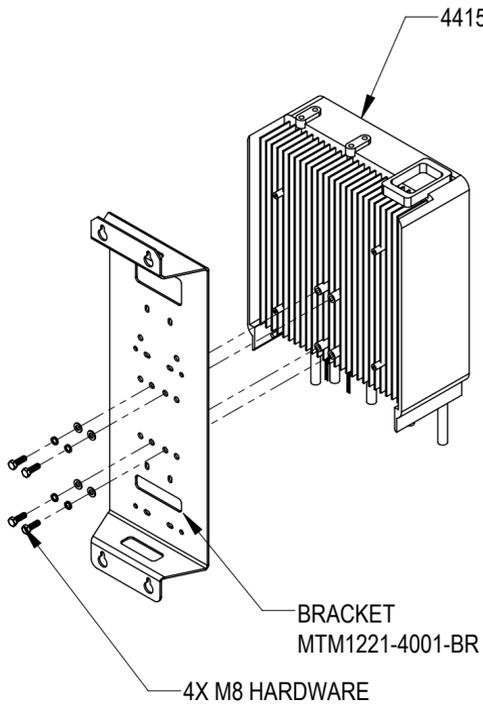
4449:

INSTALL 4449 TO THE MOUNTING BRACKET MTM1221-4001-BR USING 4 SETS OF M8 HEX BOLTS, LOCK WASHERS AND FLAT WASHERS AS SHOWN



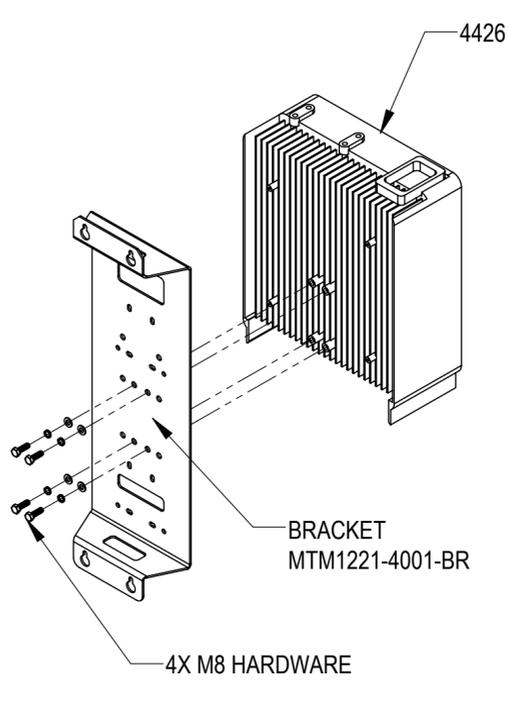
8863:

INSTALL 8863 TO THE MOUNTING BRACKET MTM1221-4001-BR USING 4 SETS OF M8 HEX BOLTS, LOCK WASHERS AND FLAT WASHERS AS SHOWN



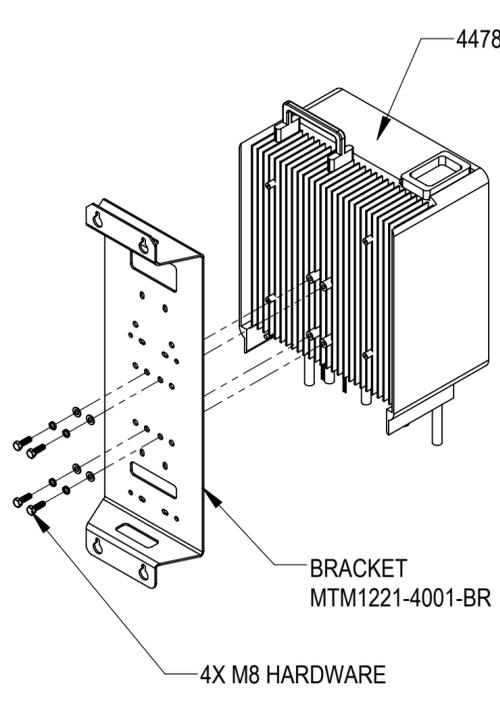
4415:

INSTALL 4415 TO THE MOUNTING BRACKET MTM1221-4001-BR USING 4 SETS OF M8 HEX BOLTS, LOCK WASHERS AND FLAT WASHERS AS SHOWN



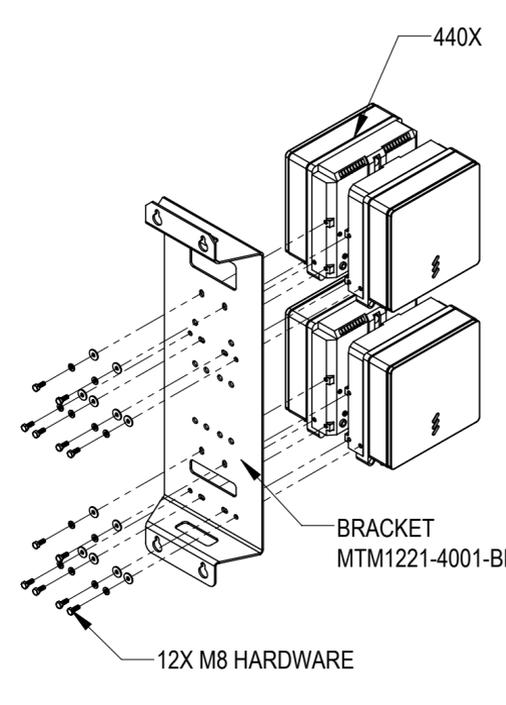
4426:

INSTALL 4426 TO THE MOUNTING BRACKET MTM1221-4001-BR USING 4 SETS OF M8 HEX BOLTS, LOCK WASHERS AND FLAT WASHERS AS SHOWN



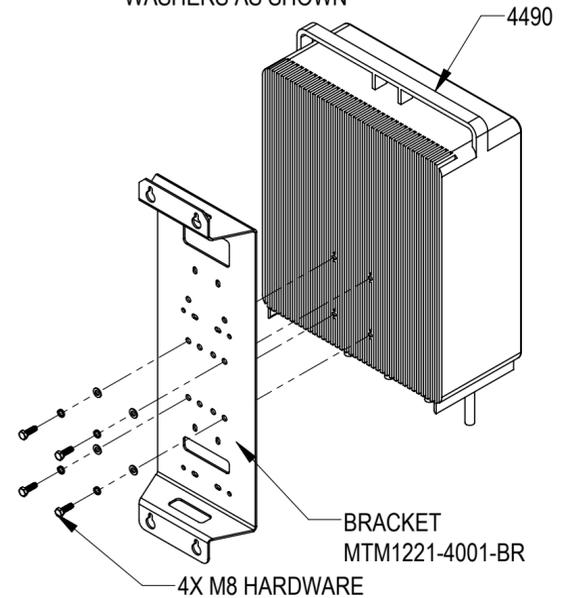
4478:

INSTALL 4478 TO THE MOUNTING BRACKET MTM1221-4001-BR USING 4 SETS OF M8 HEX BOLTS, LOCK WASHERS AND FLAT WASHERS AS SHOWN



440X:

INSTALL 440X TO THE MOUNTING BRACKET MTM1221-4001-BR USING 12 SETS OF M8 HEX BOLTS, LOCK WASHERS AND FLAT WASHERS AS SHOWN



4490:

INSTALL 4490 TO THE MOUNTING BRACKET MTM1221-4001-BR USING 4 SETS OF M8 HEX BOLTS, LOCK WASHERS AND FLAT WASHERS AS SHOWN

TORQUE ALL TO SPEC

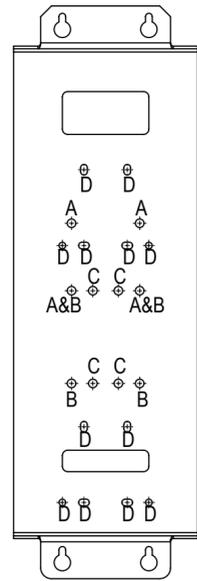


TITLE
KIT ERC INSTALL - PB20 72" TMT RAD EXT

SIZE C	SCALE 1:8	DOCUMENT NO. MTM1193-9900-AMK-E		
		DRAWING		SHEET
		VERSION	STATUS	REVISION
		01	RE	B
				3 OF 20

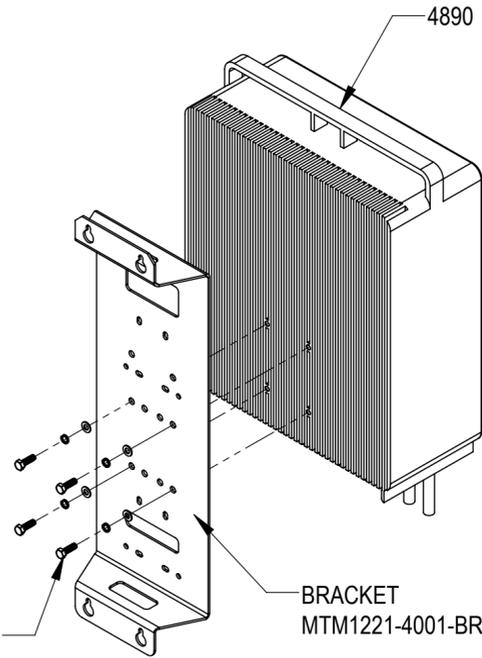
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EQUIPMENT MOUNTING INSTALLATION



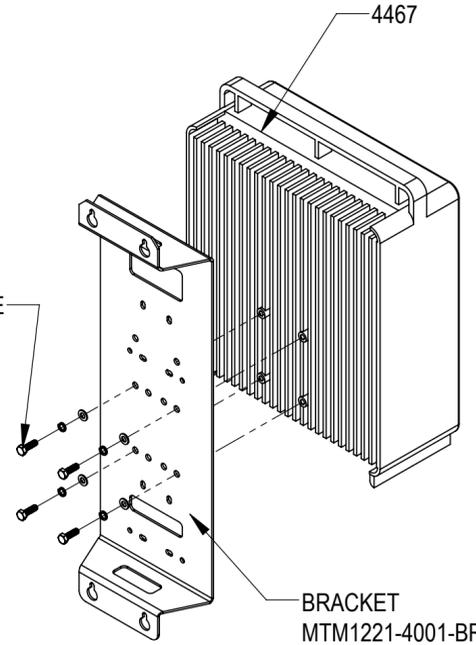
RADIO INSTALLATION MTM1221-4001-BR

"A": 4455
 "B": 8843 / 4449 / 8863
 / 4490 / 4890 / 4467
 "C": 4415 / 4426 / 4478
 / 4471 / 4461
 "D": 440X



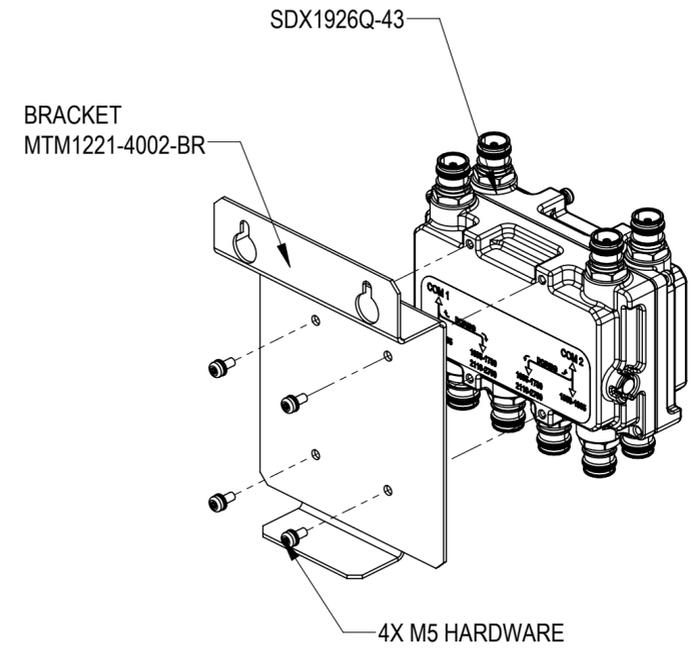
4890:

INSTALL 4890 TO THE MOUNTING BRACKET MTM1221-4001-BR USING 4 SETS OF M8 HEX BOLTS, LOCK WASHERS AND FLAT WASHERS AS SHOWN



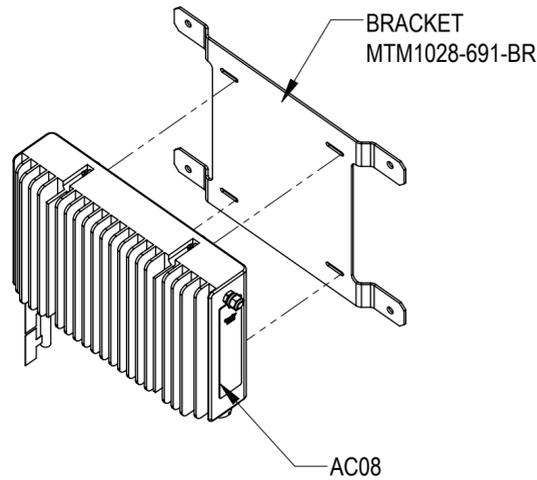
4467:

INSTALL 4467 TO THE MOUNTING BRACKET MTM1221-4001-BR USING 4 SETS OF M8 HEX BOLTS, LOCK WASHERS AND FLAT WASHERS AS SHOWN



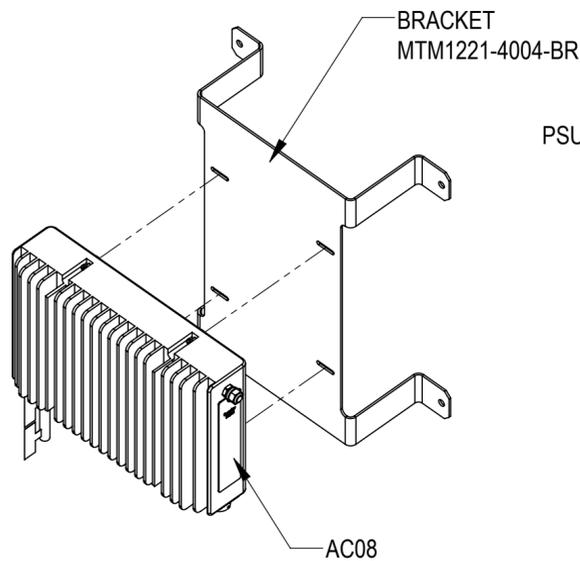
SDX1926Q-43:

INSTALL THE QUAD DIPLEXER SDX1926Q-43 TO THE MOUNTING BRACKET MTM1221-4002-BR USING 4 SETS OF M5 CAPTIVE SEM SCREWS PROVIDED WITH THE SDX1926Q-43



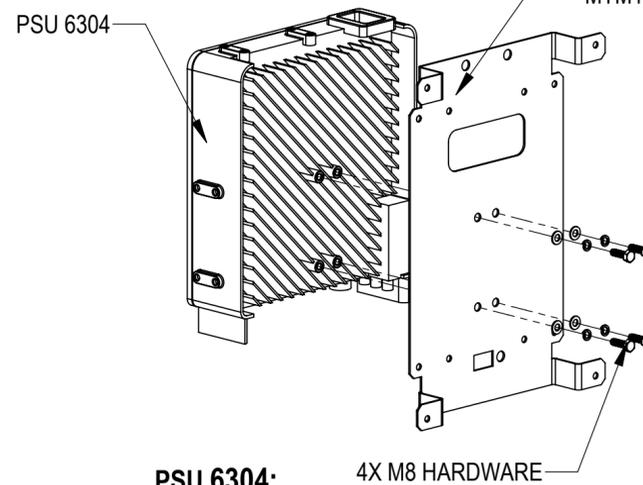
AC08:

INSTALL THE PSU AC08 TO THE MOUNTING BRACKET MTM1028-691-BR USING 4 SETS OF M4 CAPTIVE SCREWS AND FLAT WASHER PROVIDED WITH THE PSU AC08



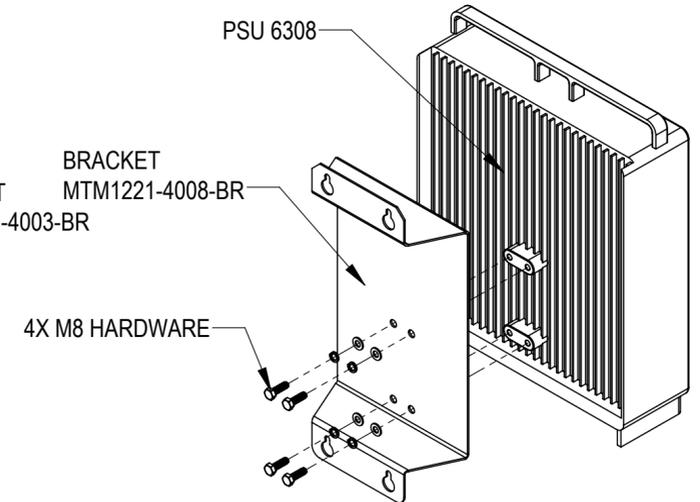
AC08:

INSTALL THE PSU AC08 TO THE MOUNTING BRACKET MTM1221-4004-BR USING 4 SETS OF M4 CAPTIVE SCREWS AND FLAT WASHER PROVIDED WITH THE PSU AC08



PSU 6304:

INSTALL THE PSU 6304 TO THE MOUNTING BRACKET MTM1221-4003-BR USING 4 SETS OF M4 CAPTIVE SCREWS AND FLAT WASHER PROVIDED WITH THE PSU AC08



PSU 6308:

INSTALL THE PSU 6308 TO THE MOUNTING BRACKET MTM1221-4008-BR USING 4 SETS OF M4 CAPTIVE SCREWS AND FLAT WASHER PROVIDED WITH THE PSU AC08

TORQUE ALL TO SPEC

				
TITLE KIT ERC INSTALL - PB20 72" TMT RAD EXT				
SIZE C	SCALE 1:10	DOCUMENT NO. MTM1193-9900-AMK-E		
 		DRAWING		SHEET 4 OF 20
		VERSION 01	STATUS RE	

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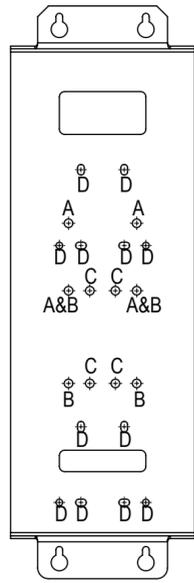
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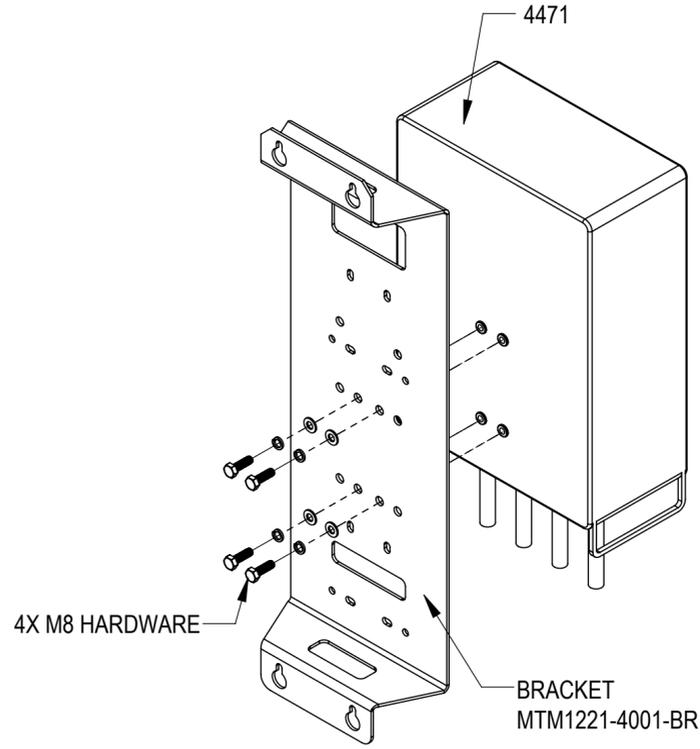
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EQUIPMENT MOUNTING INSTALLATION



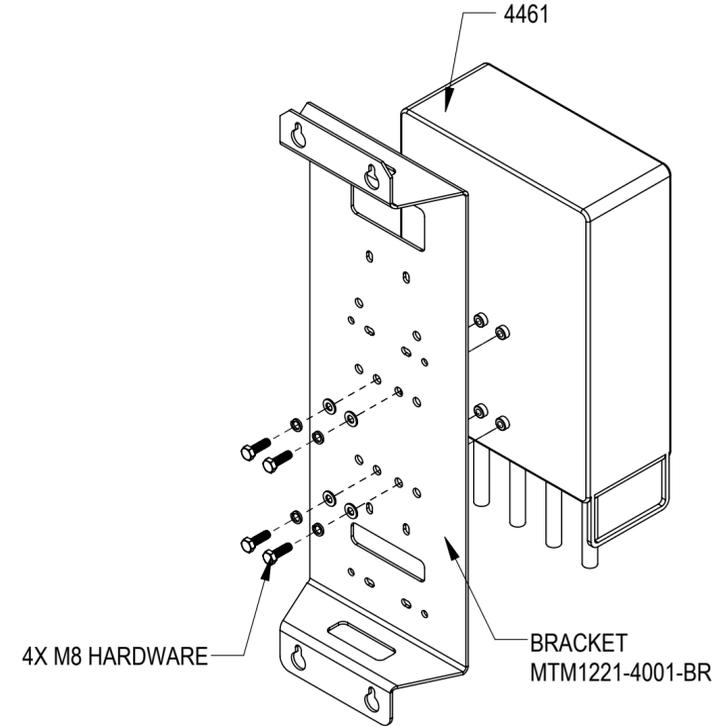
RADIO INSTALLATION MTM1221-4001-BR

"A": 4455
 "B": 8843 / 4449 / 8863
 / 4490 / 4890 / 4467
 "C": 4415 / 4426 / 4478
 / 4471 / 4461
 "D": 440X



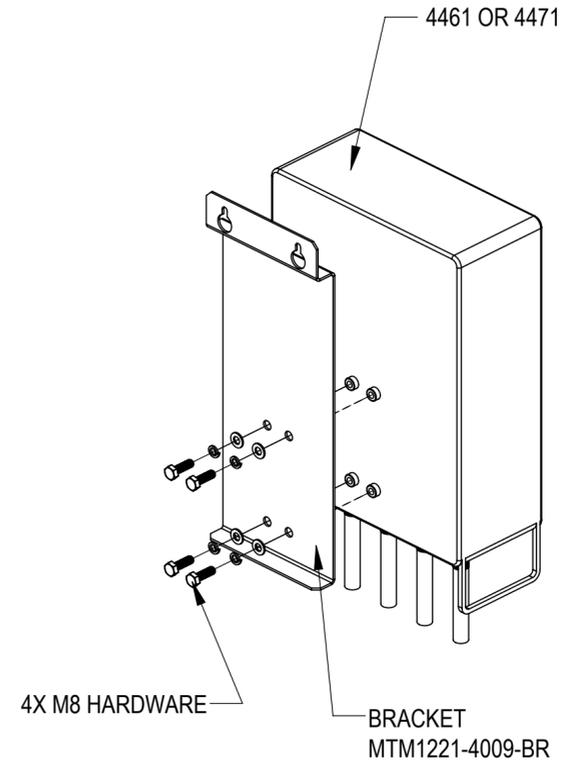
4471:

INSTALL 4471 TO THE MOUNTING BRACKET
 MTM1221-4001-BR USING 4 SETS OF M8 HEX BOLTS,
 LOCK WASHERS AND FLAT WASHERS AS SHOWN



4461:

INSTALL 4461 TO THE MOUNTING BRACKET
 MTM1221-4001-BR USING 4 SETS OF M8 HEX BOLTS,
 LOCK WASHERS AND FLAT WASHERS AS SHOWN



4461 OR 4471:

INSTALL 4461 OR 4471 TO THE MOUNTING BRACKET
 MTM1221-4009-BR USING 4 SETS OF M8 HEX BOLTS,
 LOCK WASHERS AND FLAT WASHERS AS SHOWN

TORQUE ALL TO SPEC



TITLE
 KIT ERC INSTALL - PB20 72" TMT RAD EXT

SIZE **C** SCALE **1:10** DOCUMENT NO. MTM1193-9900-AMK-E

DRAWING			SHEET 5 OF 20
VERSION	STATUS	REVISION	
01	RE	B	

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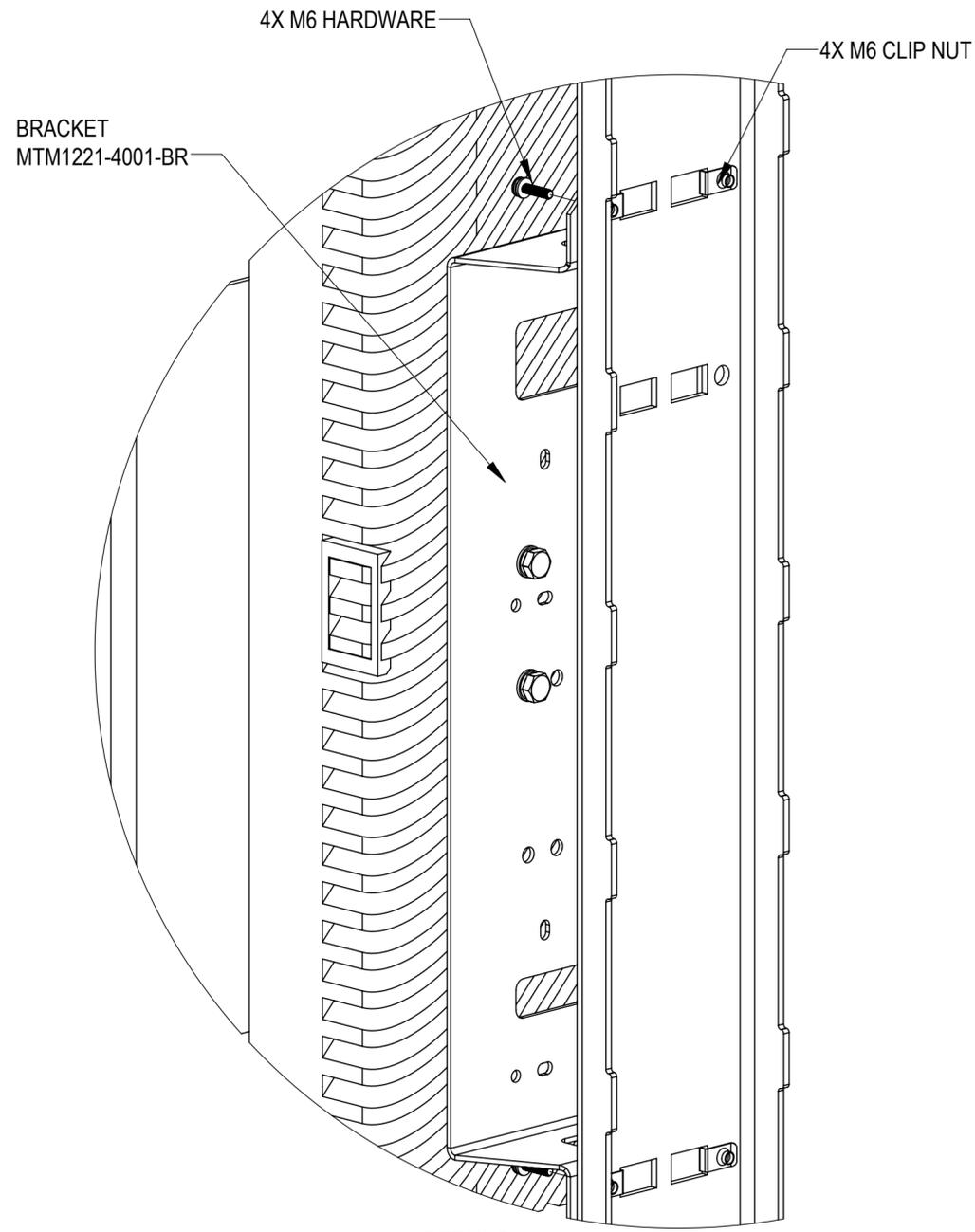
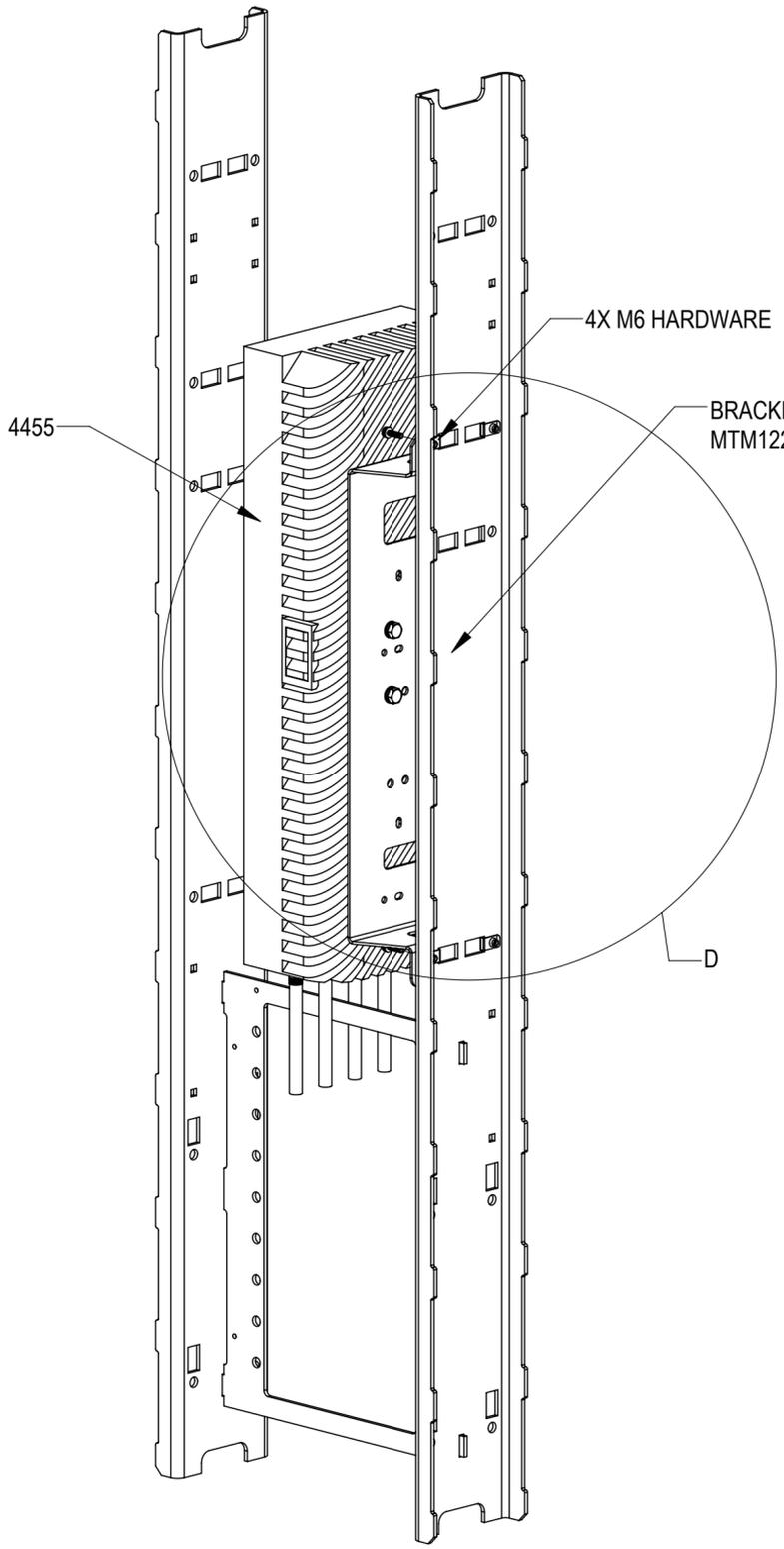
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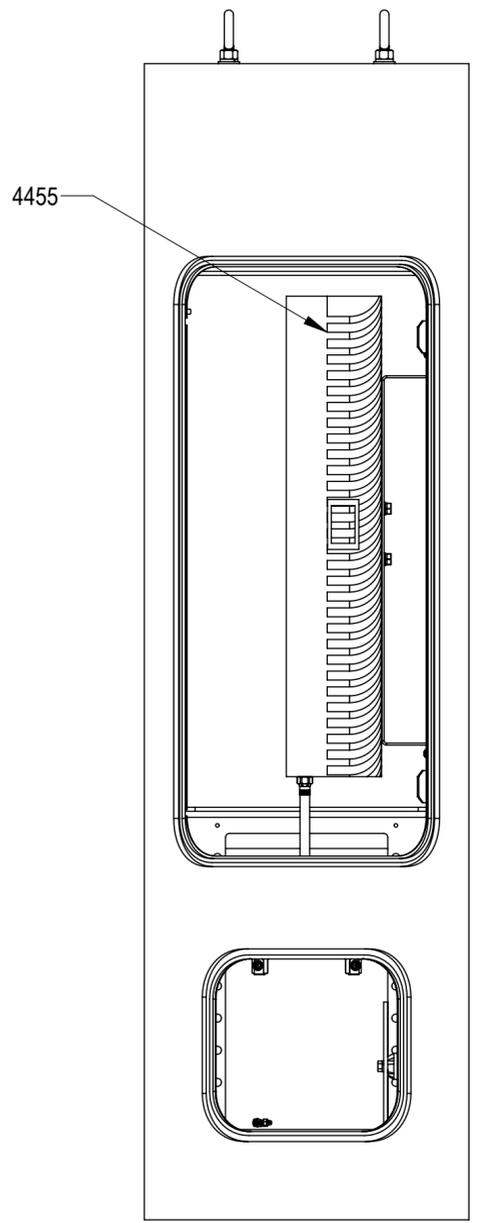
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E1: 4455 INSTALLATION

EQUIPMENT INSTALLATION SEE SHEET 3 & 4
TORQUE ALL TO SPEC



DETAIL D
SCALE 1 : 3



FRONT VIEW

STEP 1 :
MTM1221-4001-BR(4455)
 1. INSTALL THE MOUNTING BRACKET MTM1221-4001-BR TO THE STRUT INSIDE THE POLE USING 4 SETS OF M6 SEMS SCREWS AND CLIP NUTS



TITLE				
KIT ERC INSTALL - PB20 72" TMT RAD EXT				
SIZE	SCALE	DOCUMENT NO.		
C	1:12	MTM1193-9900-AMK-E		
		DRAWING		
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		01	RE	B
				SHEET
				6 OF 20

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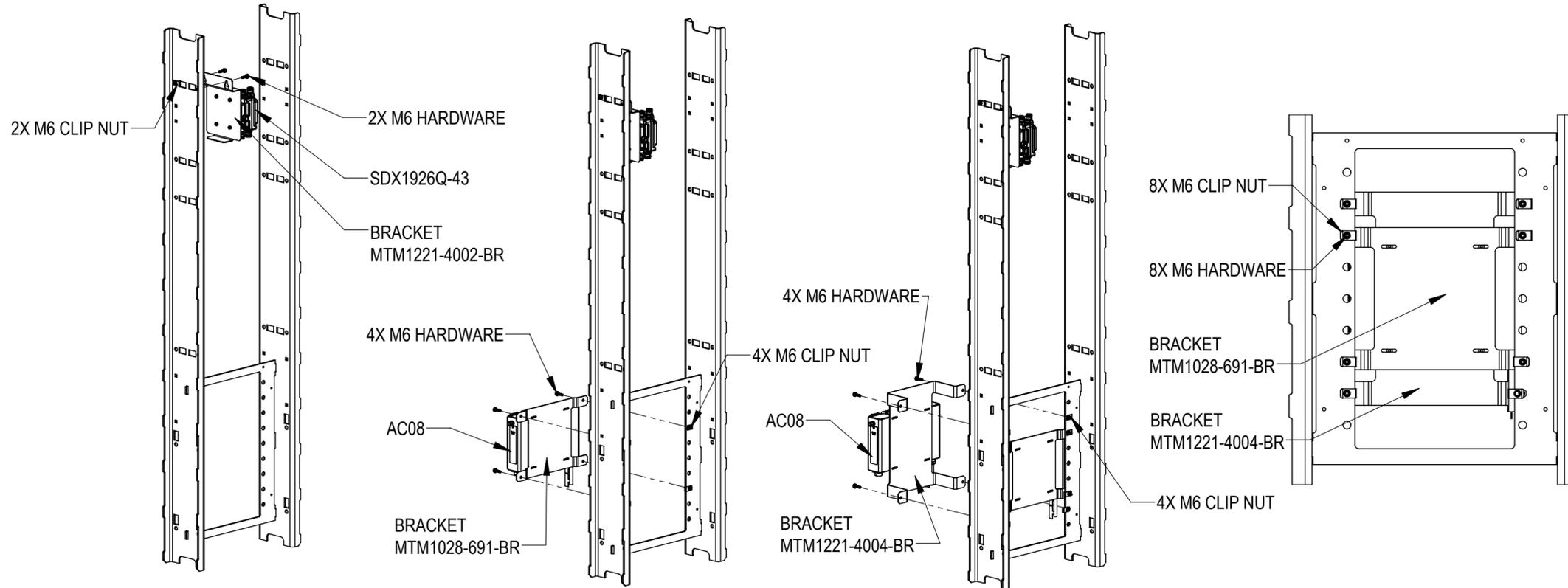
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E2: 8843 + 6304/2X AC08 + SDX1926Q-43 INSTALLATION

EQUIPMENT INSTALLATION SEE SHEET 3 & 4
TORQUE ALL TO SPEC



STEP 1 :

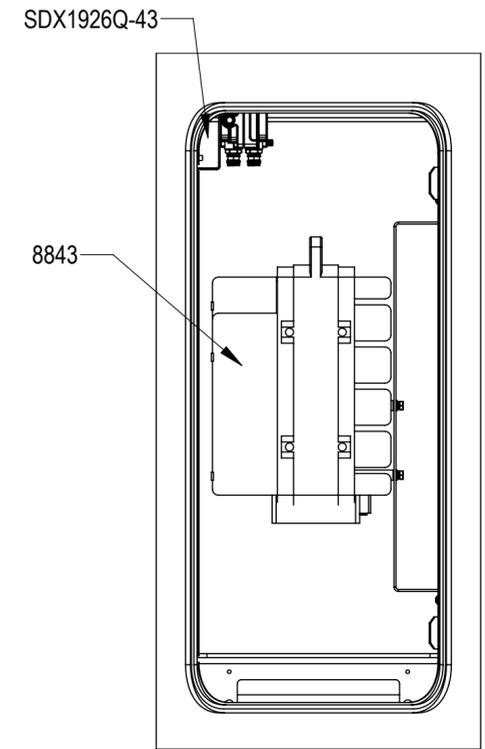
MTM1221-4002-BR(SDX1926Q-43)

1. INSTALL THE MOUNTING BRACKET MTM1221-4002-BR TO THE STRUT INSIDE THE POLE USING 2 SETS OF M6 SEMS SCREWS AND CLIP NUTS

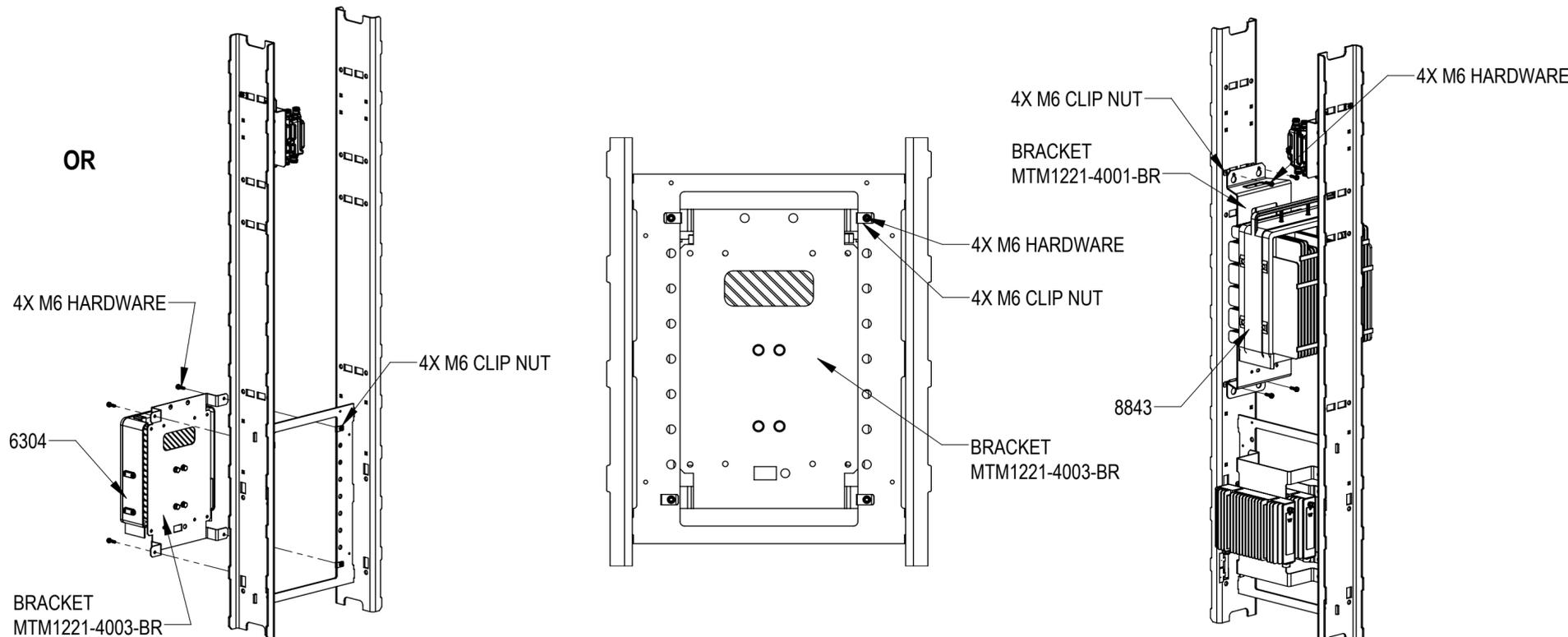
STEP 2 :

MTM1028-691-BR (AC08) & MTM1221-4004-BR(AC08)

1. INSTALL THE MOUNTING BRACKET MTM1028-691-BR TO THE BRACKET INSIDE THE POLE USING 4 SETS OF M6 SEMS SCREWS AND CLIP NUTS.
2. INSTALL THE MOUNTING BRACKET MTM1221-4004-BR TO THE BRACKET INSIDE THE POLE USING 4 SETS OF M6 SEMS SCREWS AND CLIP NUTS



FRONT VIEW



STEP 2 :

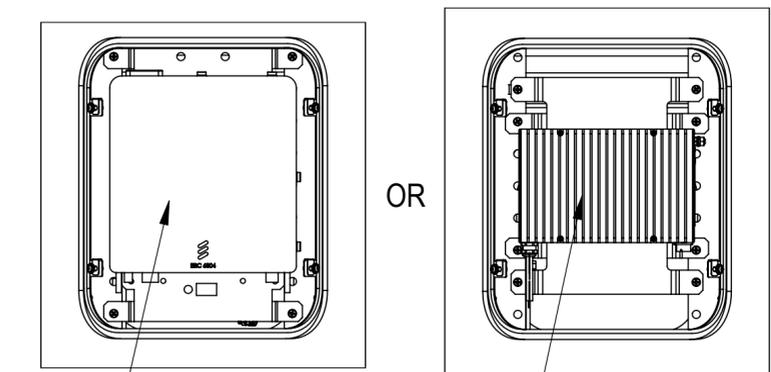
MTM1221-4003-BR(E-6304)

1. INSTALL THE MOUNTING BRACKET MTM1221-4003-BR TO THE BRACKET INSIDE THE POLE USING 4 SETS OF M6 SEMS SCREWS AND CLIP NUTS

STEP 3 :

MTM1221-4001-BR(8843)

1. INSTALL THE MOUNTING BRACKET MTM1221-4001-BR TO THE STRUT INSIDE THE POLE USING 4 SETS OF M6 SEMS SCREWS AND CLIP NUTS

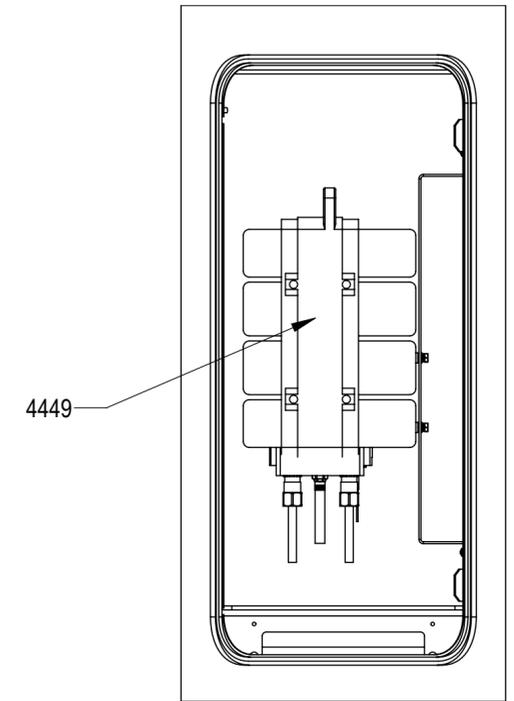
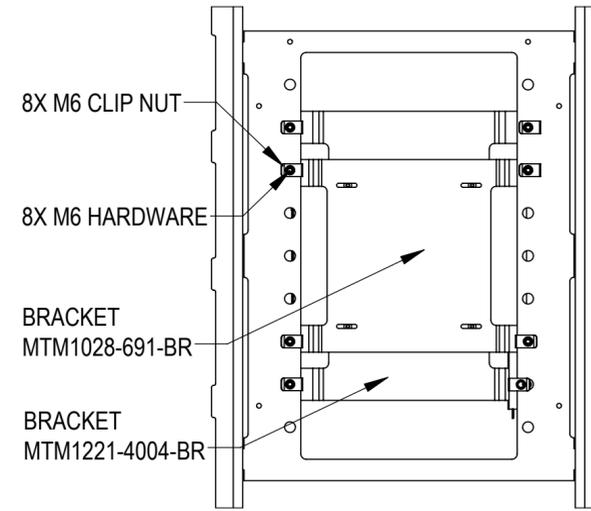
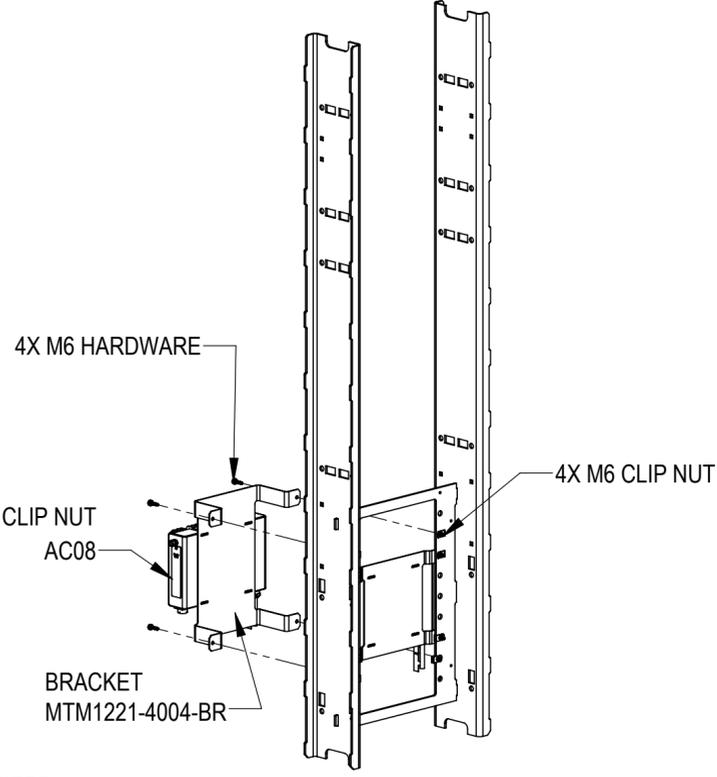
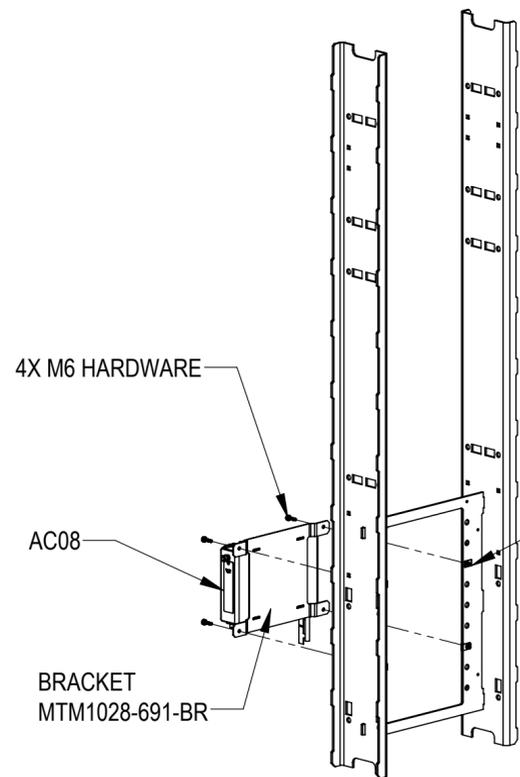


REAR VIEW

 ANDREW an Amphenol company				
TITLE KIT ERC INSTALL - PB20 72" TMT RAD EXT				
SIZE C	SCALE 1:12	DOCUMENT NO. MTM1193-9900-AMK-E		
DRAWING		VERSION	STATUS	REVISION
Confidential		01	RE	B
				SHEET 7 OF 20

E3: 4449 + 6304/2X AC08 INSTALLATION

EQUIPMENT INSTALLATION SEE SHEET 3 & 4
TORQUE ALL TO SPEC

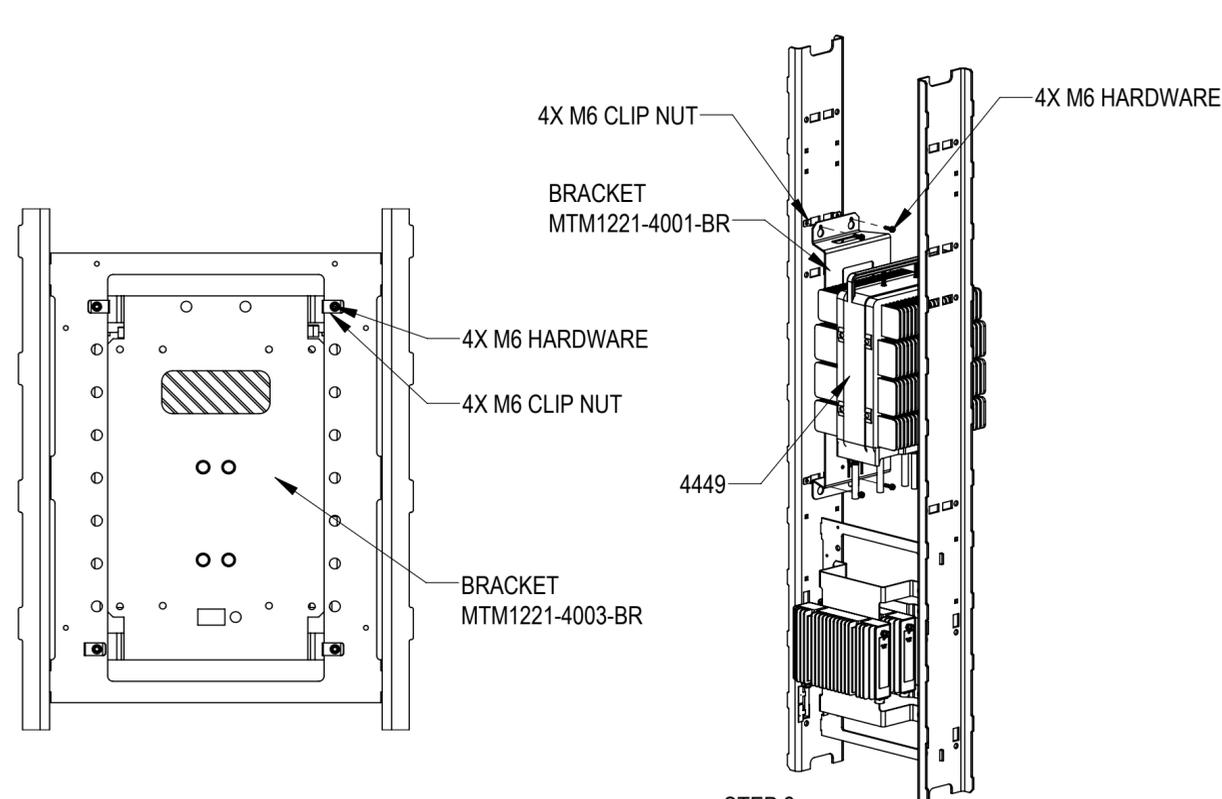
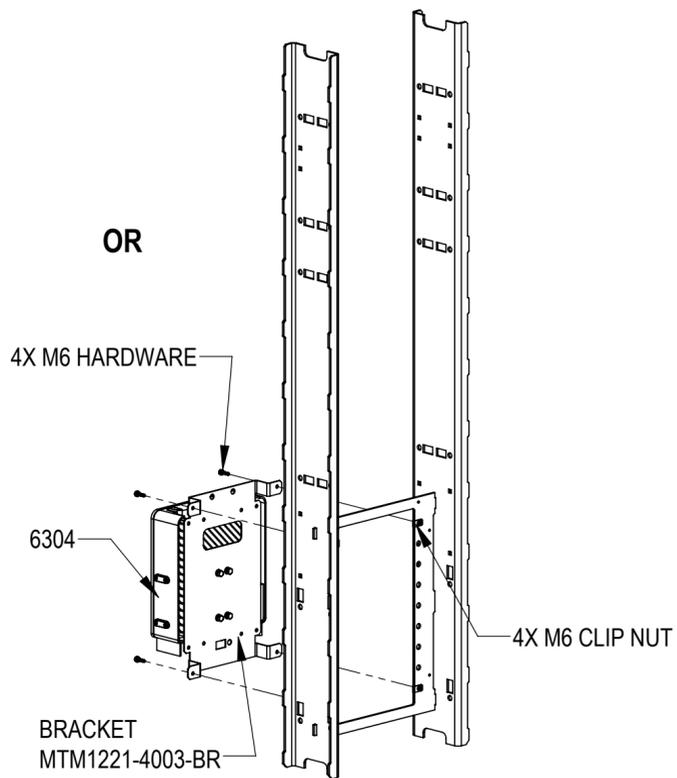


FRONT VIEW

STEP 1 :

MTM1028-691-BR (AC08) & MTM1221-4004-BR (AC08)

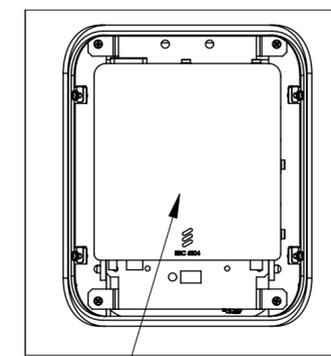
1. INSTALL THE MOUNTING BRACKET MTM1028-691-BR TO THE BRACKET INSIDE THE POLE USING 8 SETS OF M6 SEMS SCREWS AND CLIP NUTS.
2. INSTALL THE MOUNTING BRACKET MTM1221-4004-BR TO THE BRACKET INSIDE THE POLE USING 8 SETS OF M6 SEMS SCREWS AND CLIP NUTS



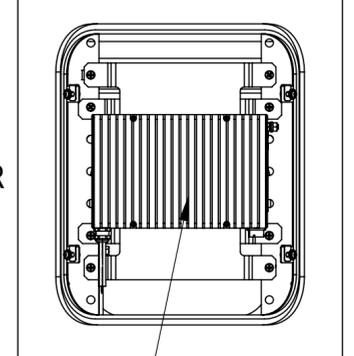
STEP 2 :

MTM1221-4001-BR (4449)

1. INSTALL THE MOUNTING BRACKET MTM1221-4001-BR TO THE STRUT INSIDE THE POLE USING 4 SETS OF M6 SEMS SCREWS AND CLIP NUTS



OR



REAR VIEW

STEP 1 :

MTM1221-4003-BR(E-6304)

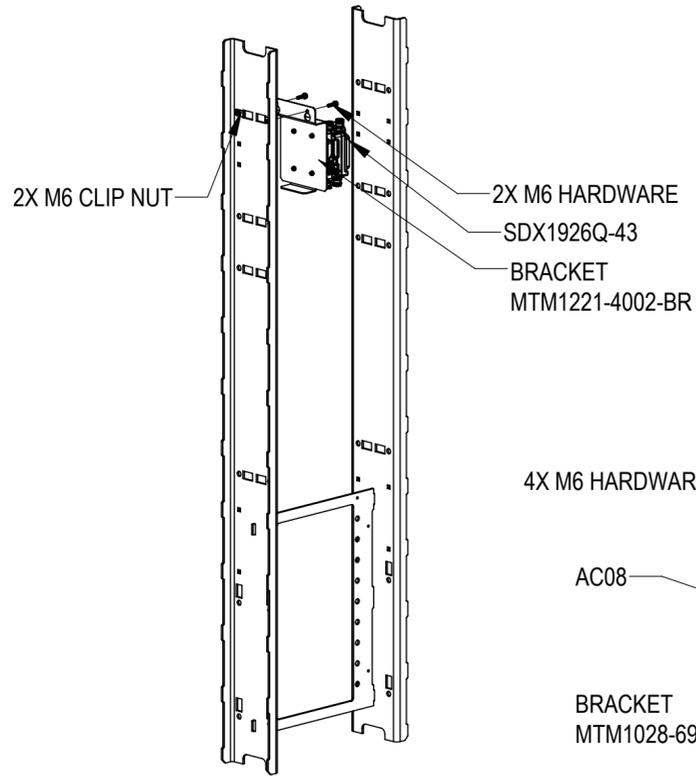
1. INSTALL THE MOUNTING BRACKET MTM1221-4003-BR TO THE BRACKET INSIDE THE POLE USING 4 SETS OF M6 SEMS SCREWS AND CLIP NUTS

 ANDREW an Amphenol company			
TITLE KIT ERC INSTALL - PB20 72" TMT RAD EXT			
SIZE C	SCALE 1:10	DOCUMENT NO. MTM1193-9900-AMK-E	
DRAWING			SHEET
VERSION 01	STATUS RE	REVISION B	8 OF 20

Confidential

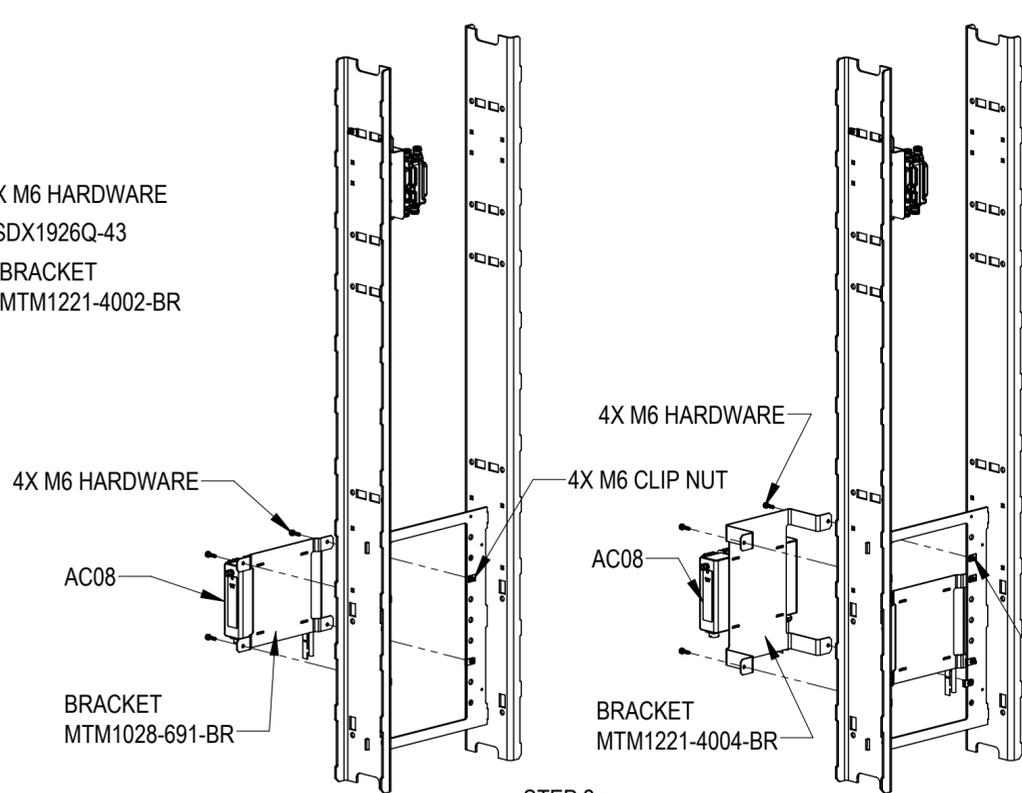
E4: 8863 + 6304/2X AC08 + SDX1926Q-43 INSTALLATION

EQUIPMENT INSTALLATION SEE SHEET 3 & 4
TORQUE ALL TO SPEC



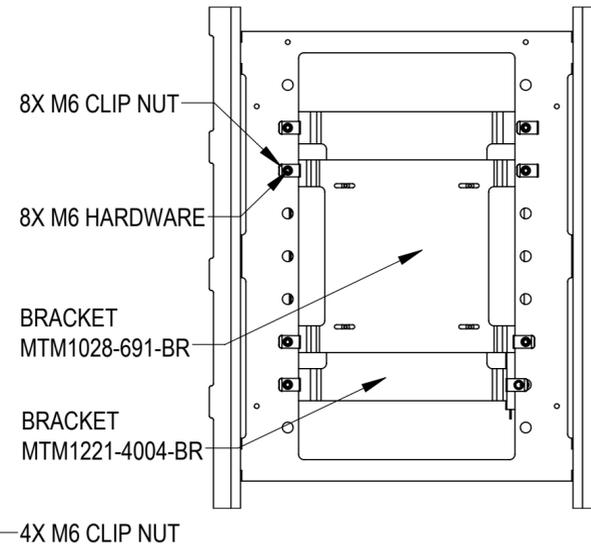
STEP 1 :

MTM1221-4002-BR(SDX1926Q-43)
1. INSTALL THE MOUNTING BRACKET MTM1221-4002-BR TO THE STRUT INSIDE THE POLE USING 2 SETS OF M6 SEMS SCREWS AND CLIP NUTS



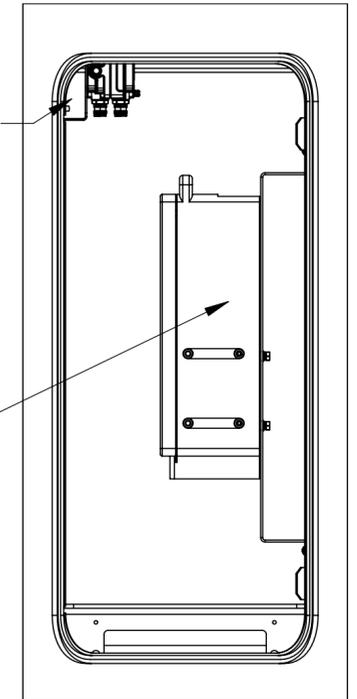
STEP 2 :

MTM1028-691-BR (AC08) & MTM1221-4004-BR(AC08)
1. INSTALL THE MOUNTING BRACKET MTM1028-691-BR TO THE BRACKET INSIDE THE POLE USING 4 SETS OF M6 SEMS SCREWS AND CLIP NUTS.
2. INSTALL THE MOUNTING BRACKET MTM1221-4004-BR TO THE BRACKET INSIDE THE POLE USING 4 SETS OF M6 SEMS SCREWS AND CLIP NUTS

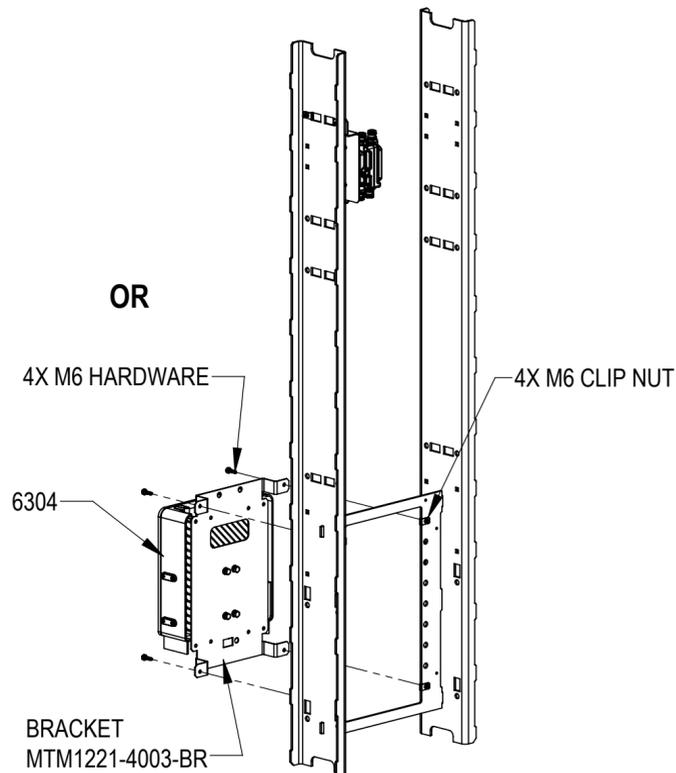


SDX1926Q-43

8863

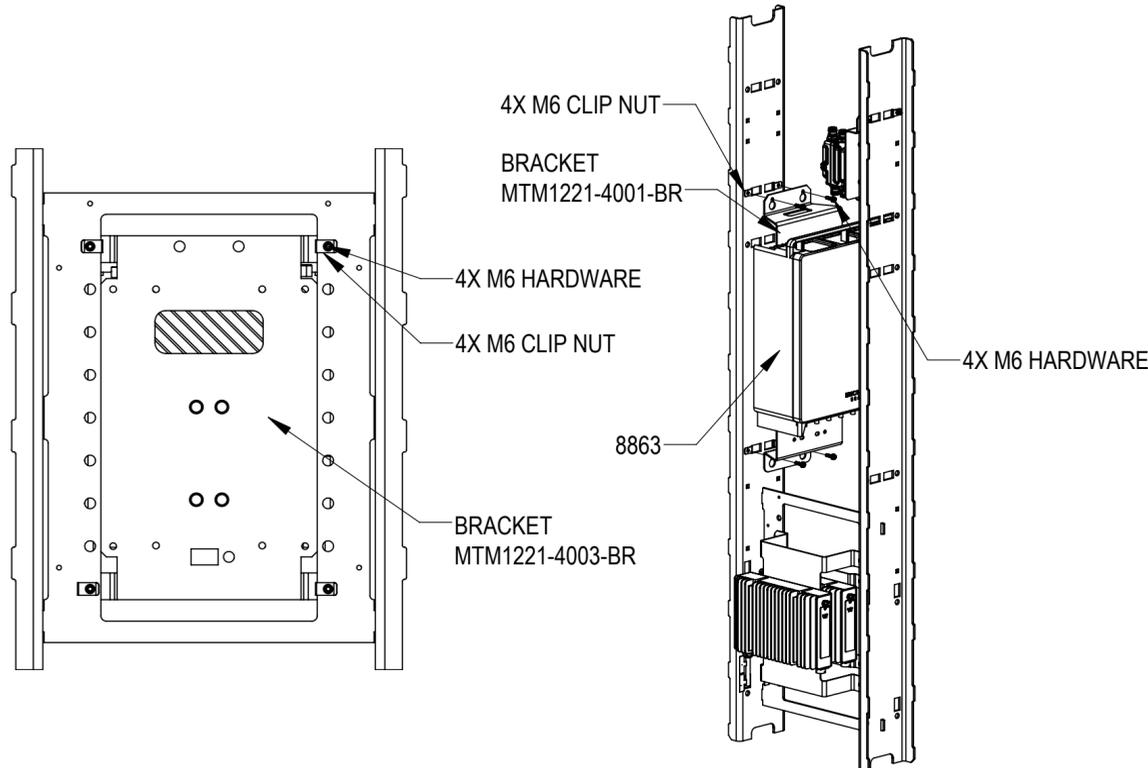


FRONT VIEW



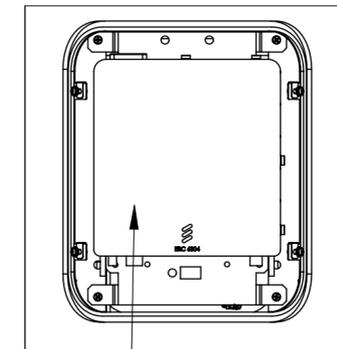
STEP 2 :

MTM1221-4003-BR(E-6304)
1. INSTALL THE MOUNTING BRACKET MTM1221-4003-BR TO THR BRACKET INSIDE THE POLE USING 4 SETS OF M6 SEMS SCREWS AND CLIP NUTS



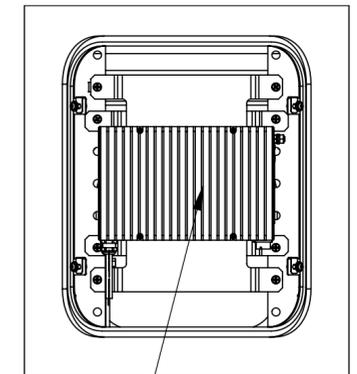
STEP 3 :

MTM1221-4001-BR(8863)
1. INSTALL THE MOUNTING BRACKET MTM1221-4001-BR TO THE STRUT INSIDE THE POLE USING 4 SETS OF M6 SEMS SCREWS AND CLIP NUTS



E-6304

OR



2X AC08

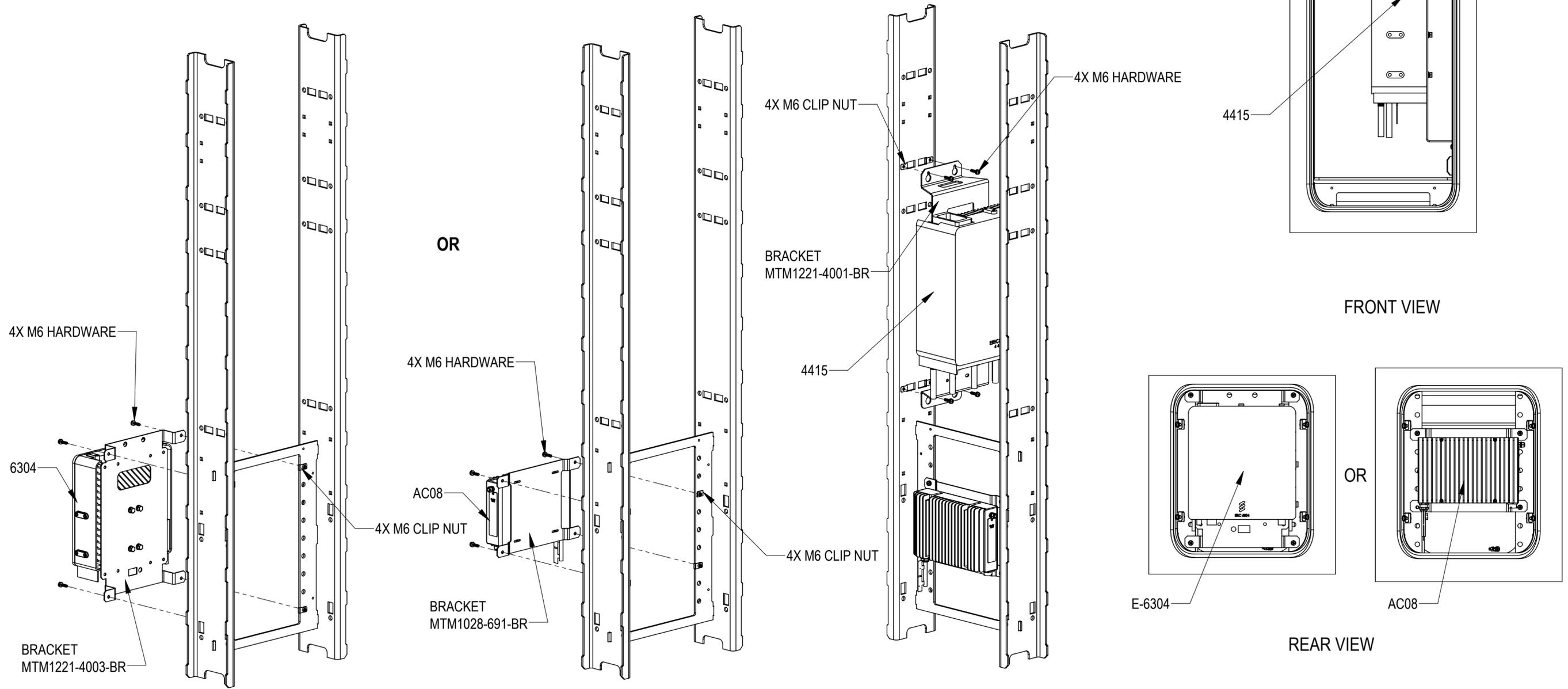
REAR VIEW

 ANDREW an Amphenol company			
TITLE KIT ERC INSTALL - PB20 72" TMT RAD EXT			
SIZE C	SCALE 1:12	DOCUMENT NO. MTM1193-9900-AMK-E	
DRAWING			SHEET
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E5: 4415 + 6304/AC08 INSTALLATION

EQUIPMENT INSTALLATION SEE SHEET 3 & 4
TORQUE ALL TO SPEC



STEP 1 :
MTM1221-4003-BR(E-6304)
 1. INSTALL THE MOUNTING BRACKET MTM1221-4003-BR TO THE BRACKET INSIDE THE POLE USING 4 SETS OF M6 SEMS SCREWS AND CLIP NUTS

STEP 1 :
MTM1028-691-BR(AC08)
 1. INSTALL THE MOUNTING BRACKET MTM1028-691-BR TO THE BRACKET INSIDE THE POLE USING 4 SETS OF M6 SEMS SCREWS AND CLIP NUTS

STEP 2 :
MTM1221-4001-BR(4415)
 1. INSTALL THE MOUNTING BRACKET MTM1221-4001-BR TO THE STRUT INSIDE THE POLE USING 4 SETS OF M6 SEMS SCREWS AND CLIP NUTS



TITLE
 KIT ERC INSTALL - PB20 72" TMT RAD EXT

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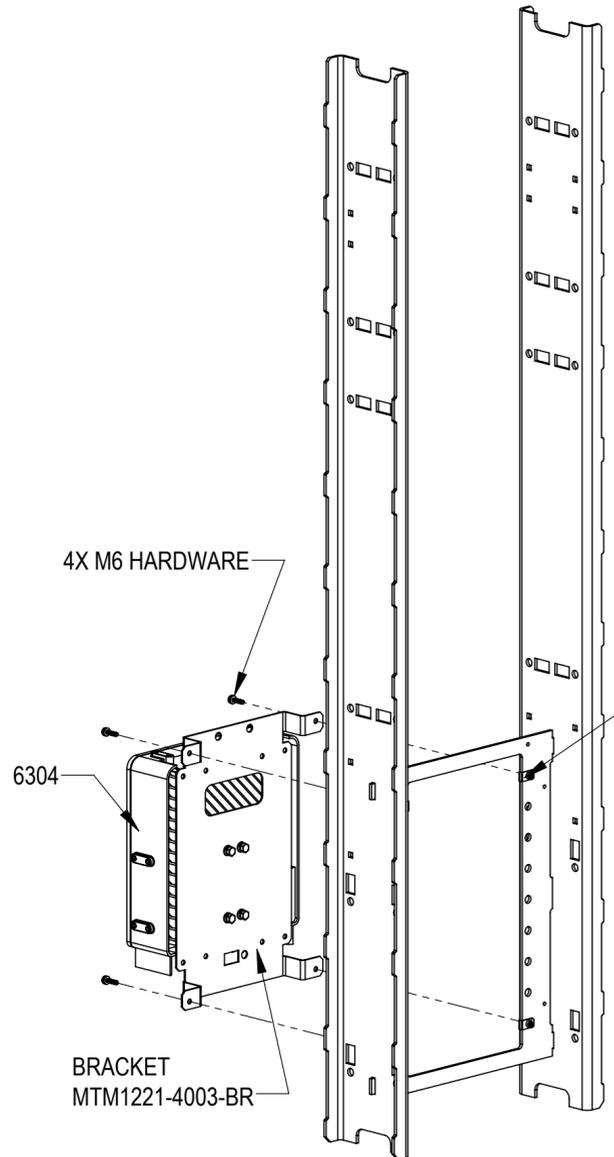
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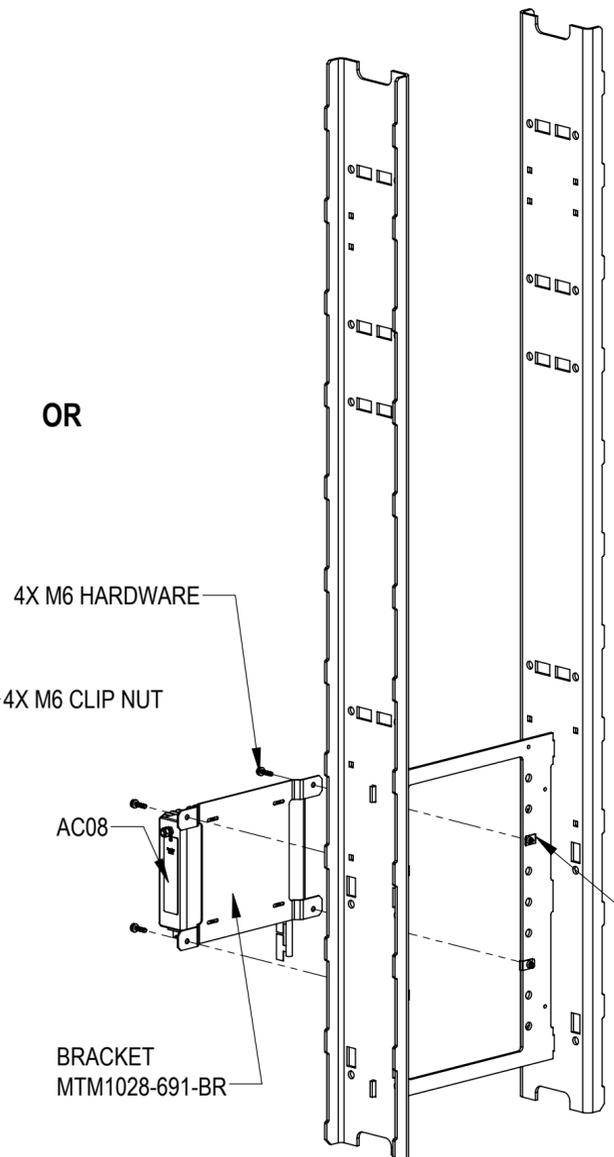
E6: 4426 + 6304/AC08 INSTALLATION

EQUIPMENT INSTALLATION SEE SHEET 3 & 4
TORQUE ALL TO SPEC

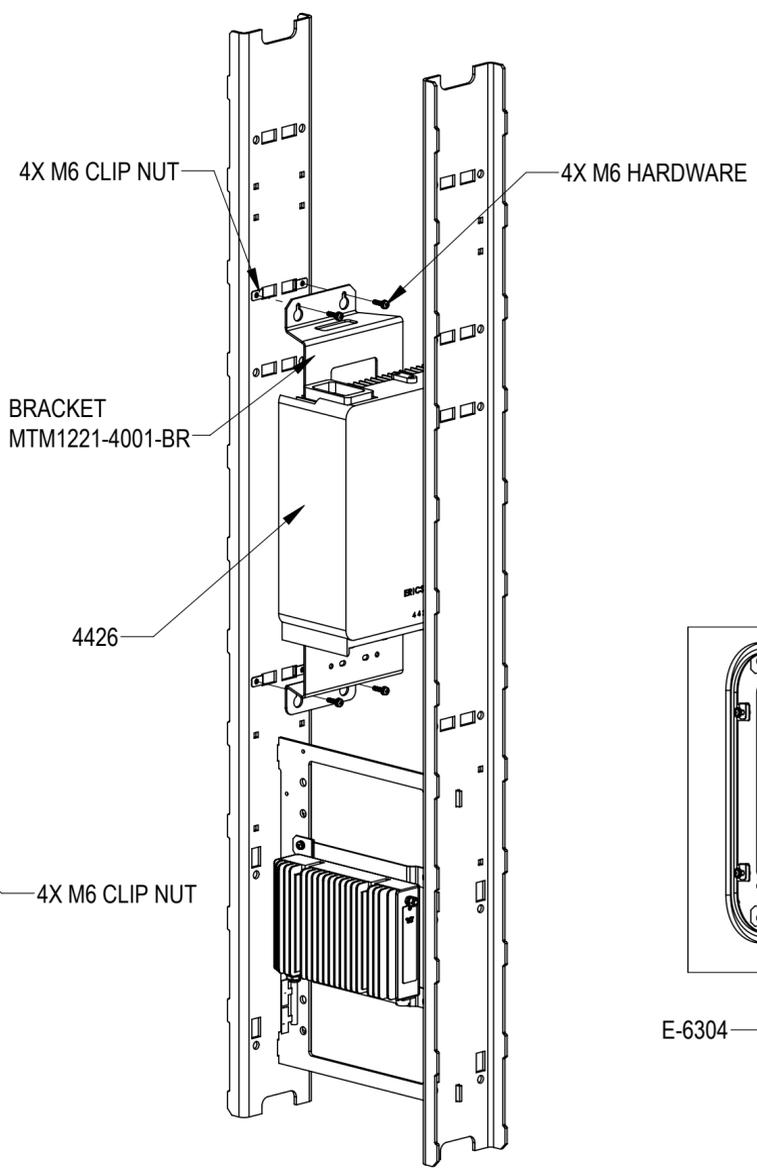


STEP 1 :
MTM1221-4003-BR(E-6304)
1. INSTALL THE MOUNTING BRACKET MTM1221-4003-BR TO THE BRACKET INSIDE THE POLE USING 4 SETS OF M6 SEMS SCREWS AND CLIP NUTS

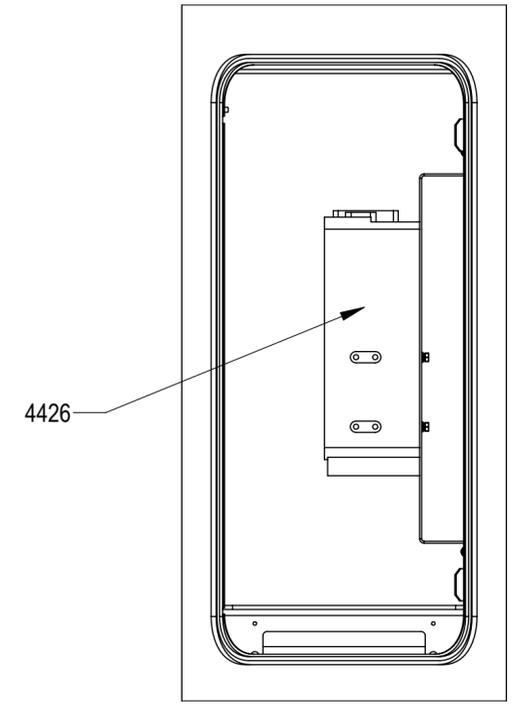
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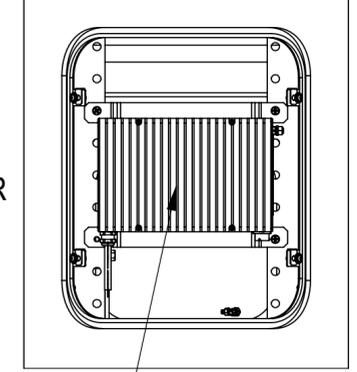
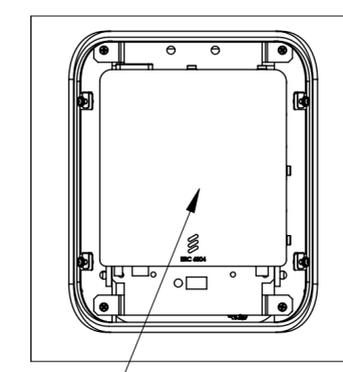
STEP 1 :
MTM1028-691-BR(AC08)
1. INSTALL THE MOUNTING BRACKET MTM1028-691-BR TO THE BRACKET INSIDE THE POLE USING 4 SETS OF M6 SEMS SCREWS AND CLIP NUTS



STEP 2 :
MTM1221-4001-BR(4426)
1. INSTALL THE MOUNTING BRACKET MTM1221-4001-BR TO THE STRUT INSIDE THE POLE USING 4 SETS OF M6 SEMS SCREWS AND CLIP NUTS



FRONT VIEW



REAR VIEW

OR

ANDREW an Amphenol company

TITLE
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 		DRAWING		SHEET 11 OF 20
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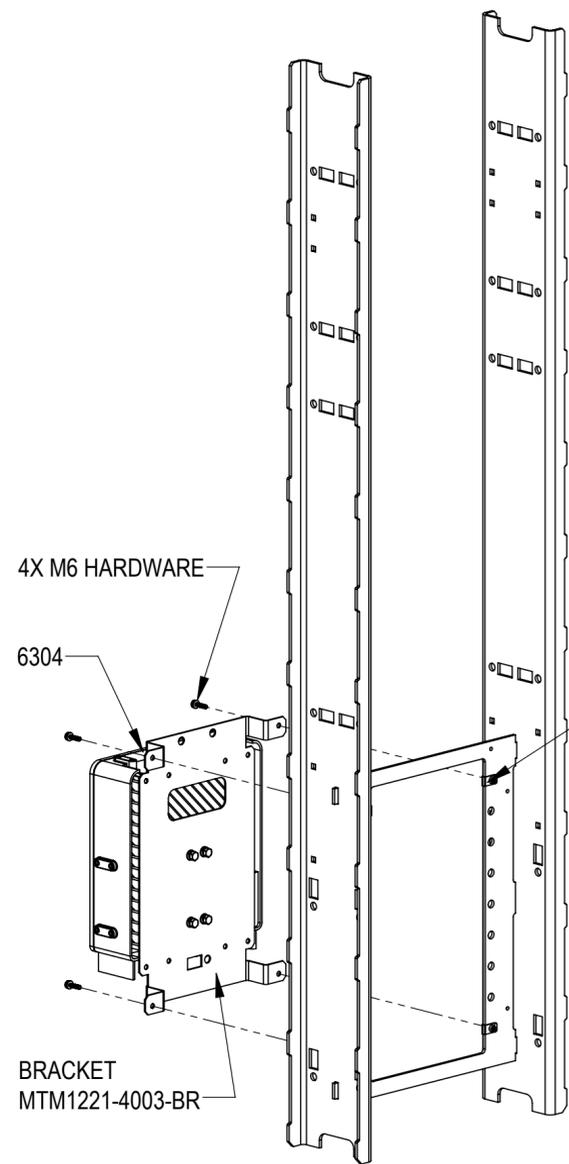
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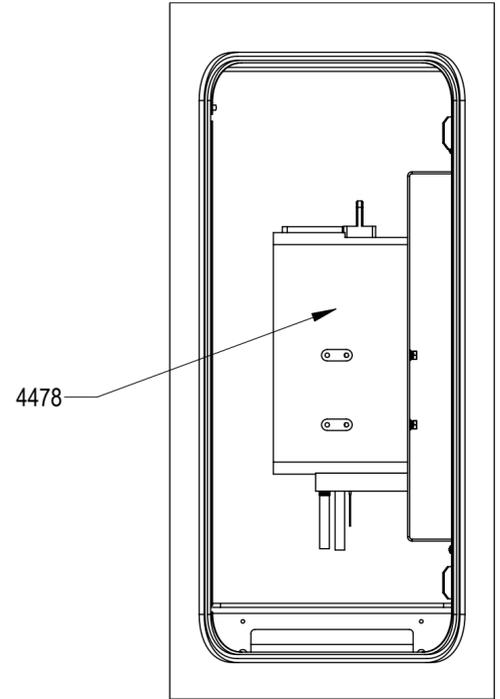
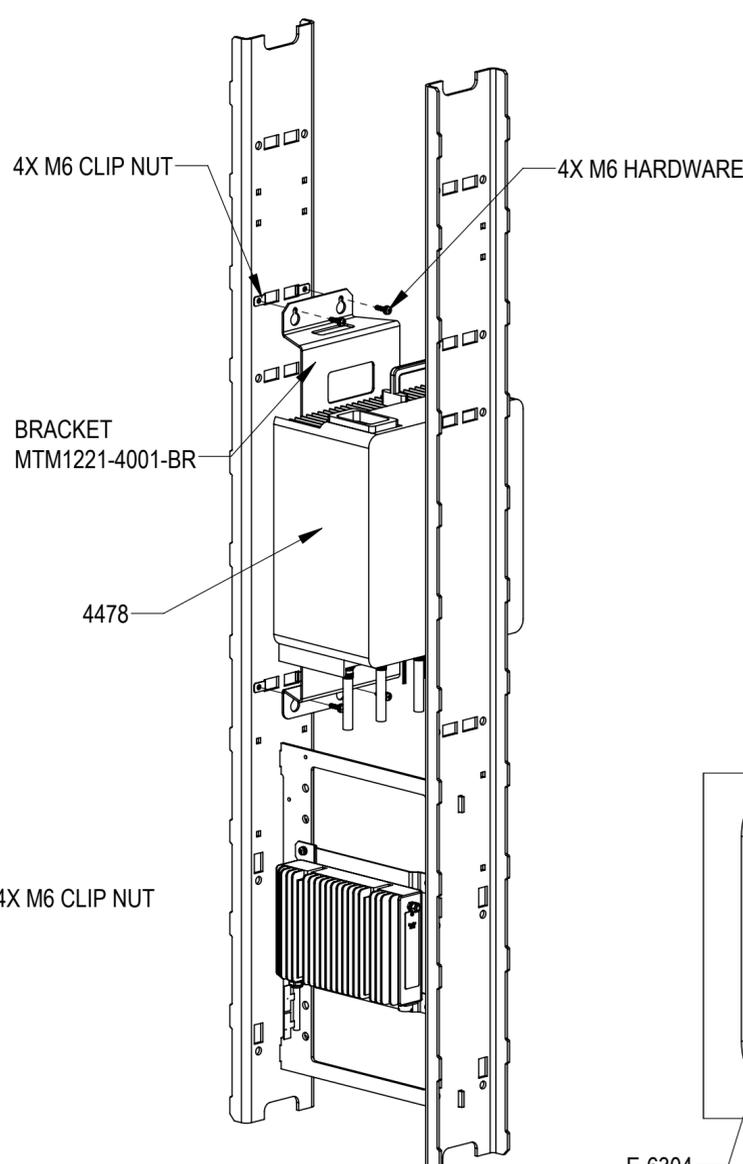
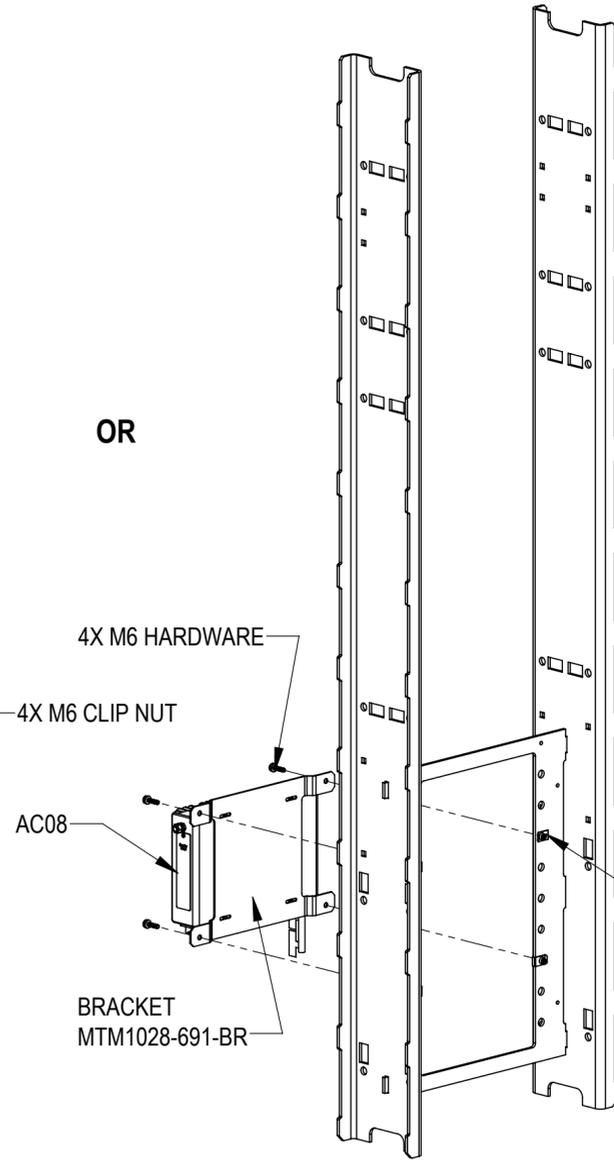
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E7: 4478 + 6304/AC08 INSTALLATION

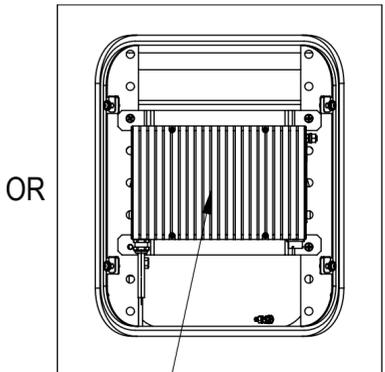
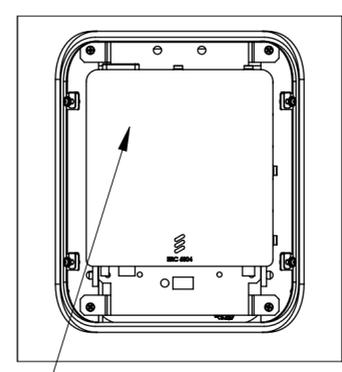
EQUIPMENT INSTALLATION SEE SHEET 3 & 4
TORQUE ALL TO SPEC



OR



FRONT VIEW



REAR VIEW

STEP 1 :
MTM1221-4003-BR(E-6304)
1. INSTALL THE MOUNTING BRACKET MTM1221-4003-BR TO THE BRACKET INSIDE THE POLE USING 4 SETS OF M6 SEMS SCREWS AND CLIP NUTS

STEP 1 :
MTM1028-691-BR(AC08)
1. INSTALL THE MOUNTING BRACKET MTM1028-691-BR TO THE BRACKET INSIDE THE POLE USING 4 SETS OF M6 SEMS SCREWS AND CLIP NUTS

STEP 2 :
MTM1221-4001-BR(4478)
1. INSTALL THE MOUNTING BRACKET MTM1221-4001-BR TO THE STRUT INSIDE THE POLE USING 4 SETS OF M6 SEMS SCREWS AND CLIP NUTS



TITLE
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		VERSION 01	STATUS RE	

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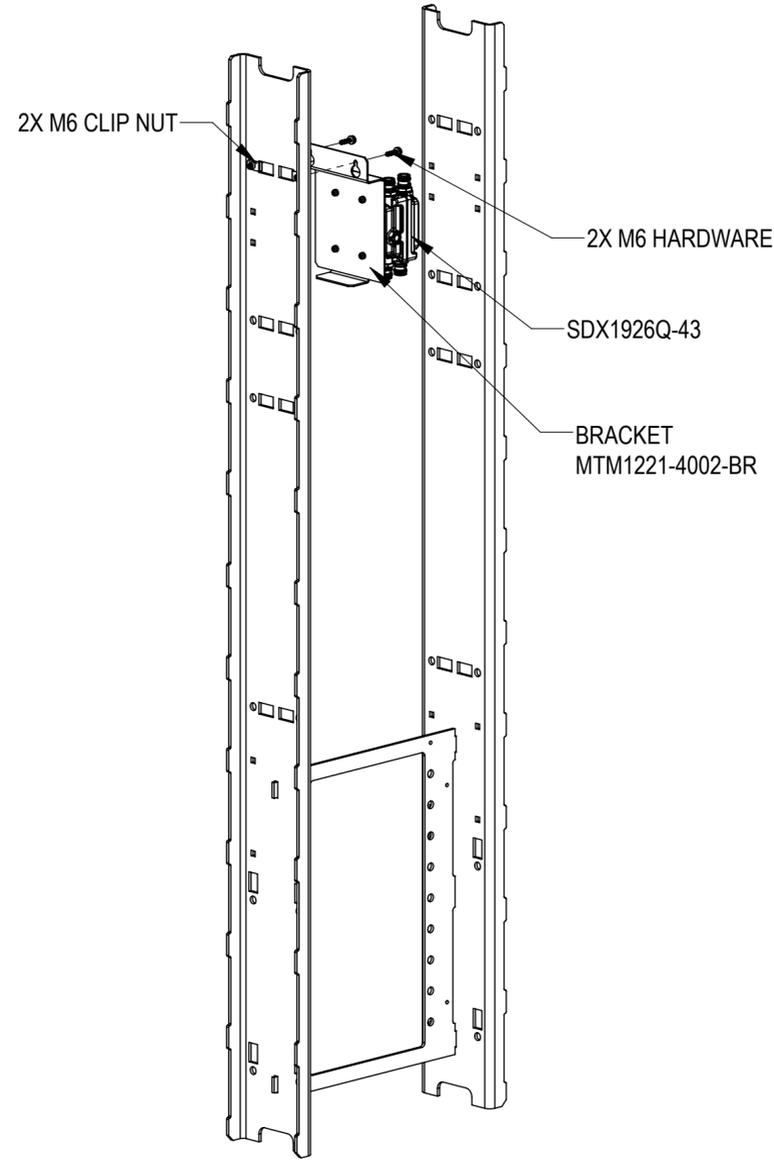
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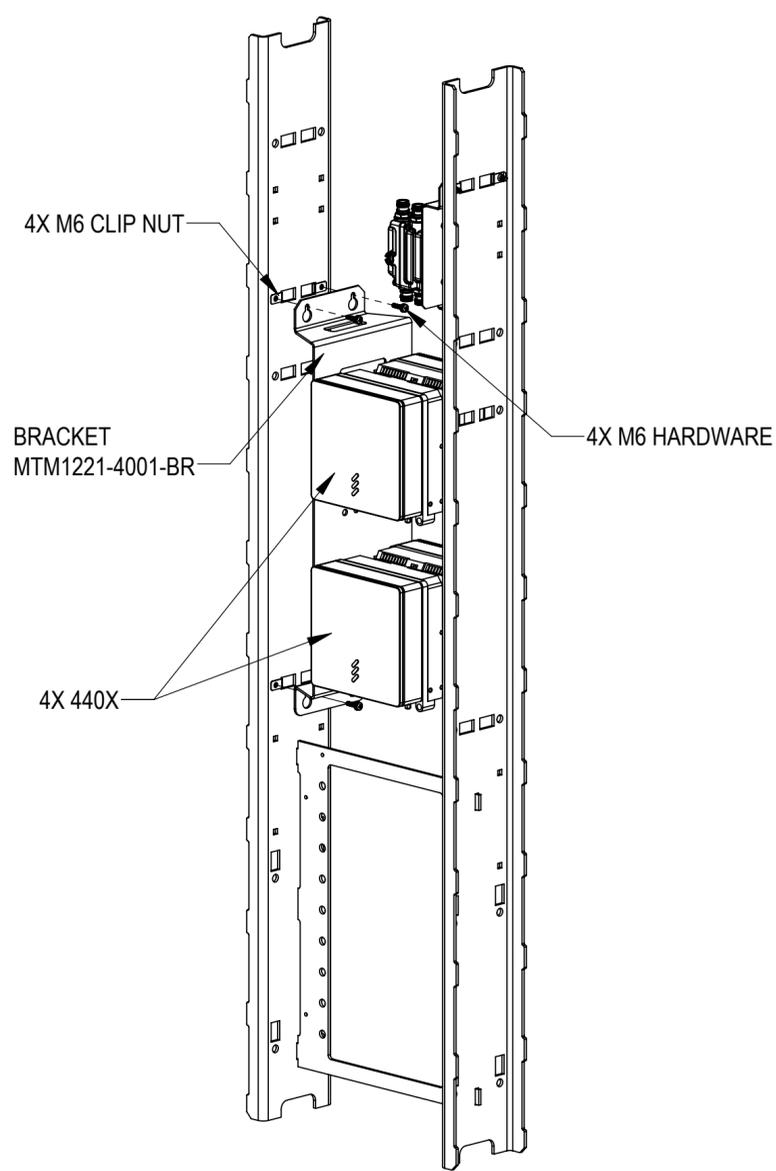
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E8: 4X 440X + QUAD DIPLEXER SDX1926Q-43 INSTALLATION

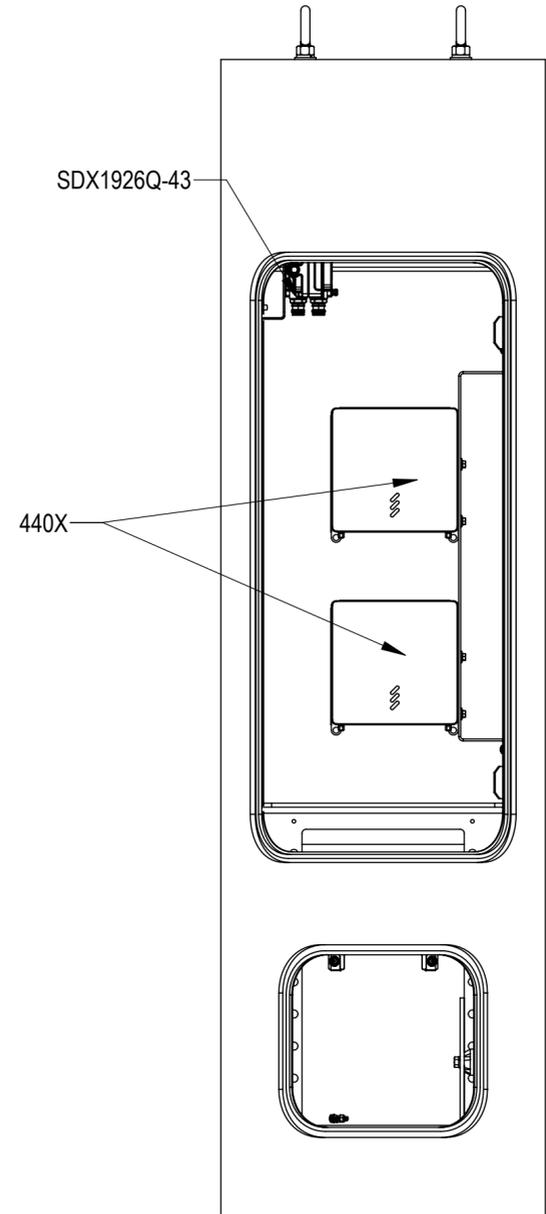
EQUIPMENT INSTALLATION SEE SHEET 3 & 4
TORQUE ALL TO SPEC



STEP 1 :
MTM1221-4002-BR(SDX1926Q-43)
 1. INSTALL THE MOUNTING BRACKET MTM1221-4002-BR TO THE STRUT INSIDE THE POLE USING 2 SETS OF M6 SEMS SCREWS AND CLIP NUTS



STEP 2 :
MTM1221-4001-BR(4X E-440X)
 1. INSTALL THE MOUNTING BRACKET MTM1221-4001-BR TO THE STRUT INSIDE THE POLE USING 4 SETS OF M6 SEMS SCREWS AND CLIP NUTS



FRONT VIEW

ANDREW an Amphenol company

TITLE
 KIT ERC INSTALL - PB20 72" TMT RAD EXT

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	VERSION 01	STATUS RE	REVISION B	

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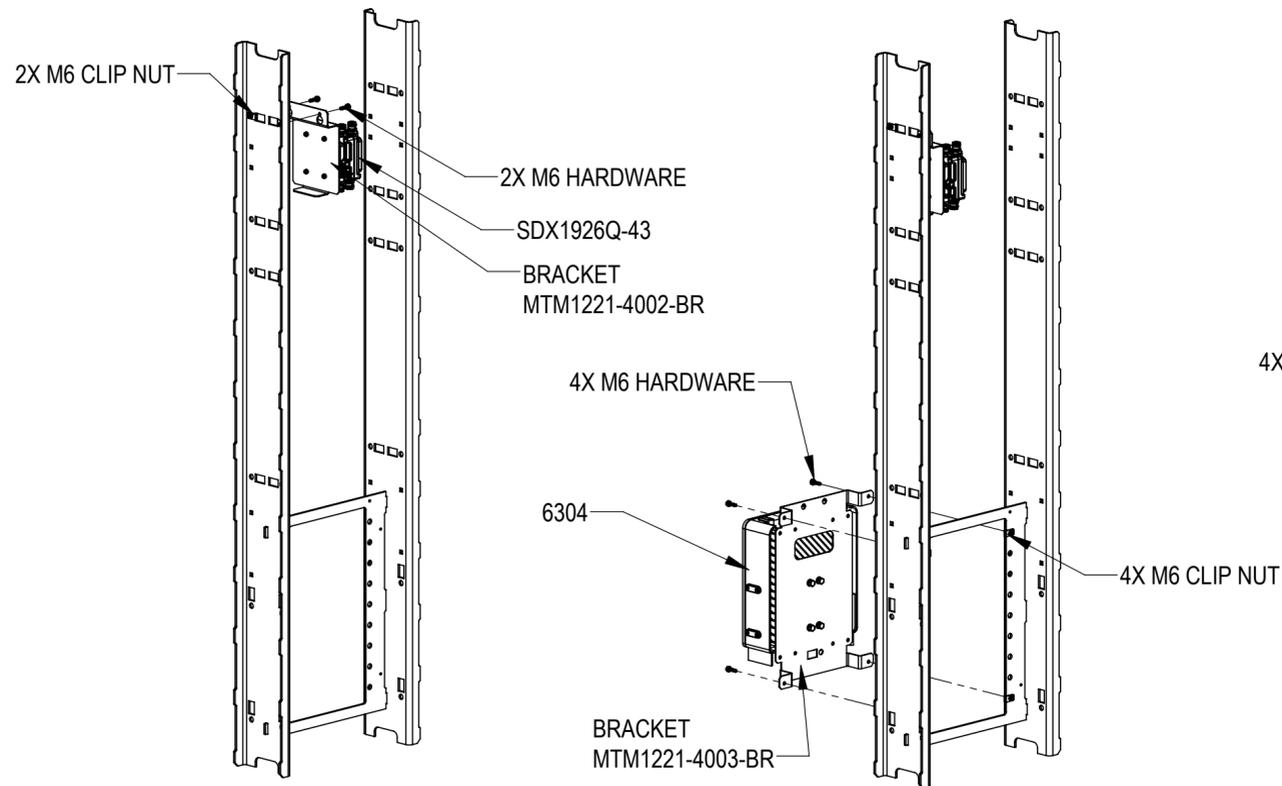
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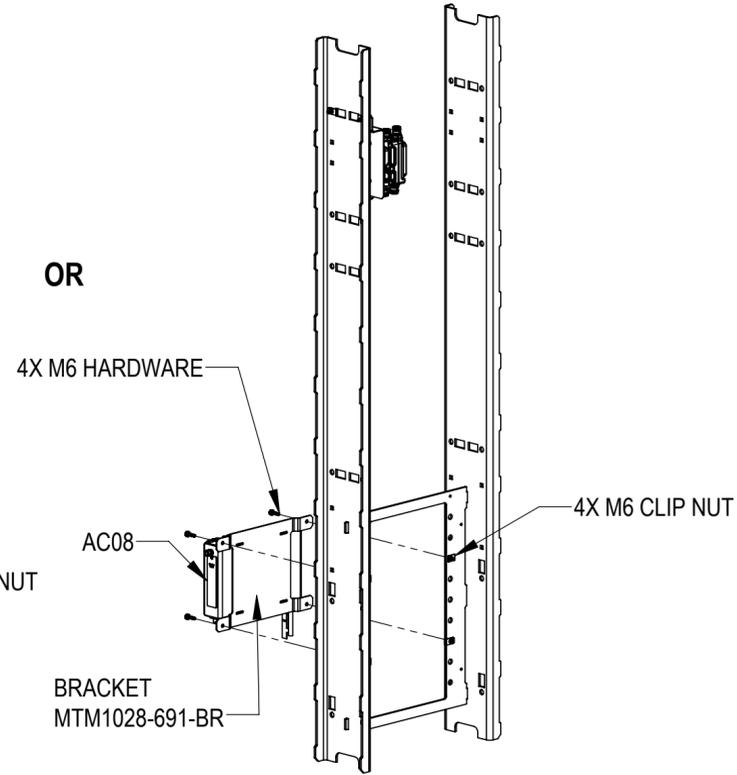
E9: 4490 + AC08/ 6304 + SDX1926Q-43 INSTALLATION

EQUIPMENT INSTALLATION SEE SHEET 3 & 4
TORQUE ALL TO SPEC

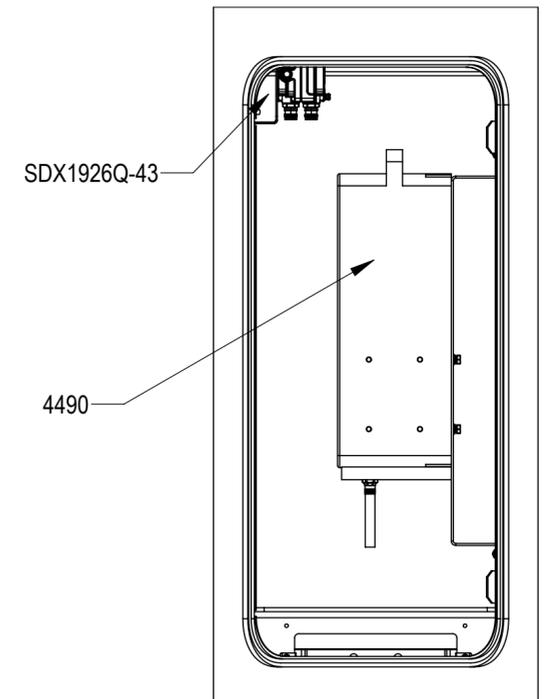


STEP 1:
MTM1221-4002-BR(SDX1926Q-43)
1. INSTALL THE MOUNTING BRACKET MTM1221-4002-BR TO THE STRUT INSIDE THE POLE USING 2 SETS OF M6 SEMS SCREWS AND CLIP NUTS

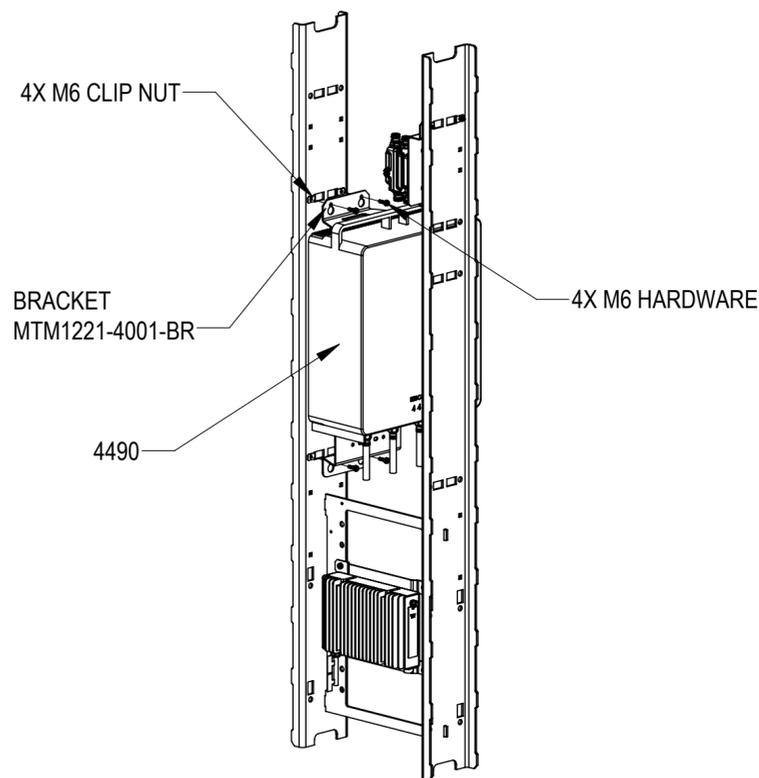
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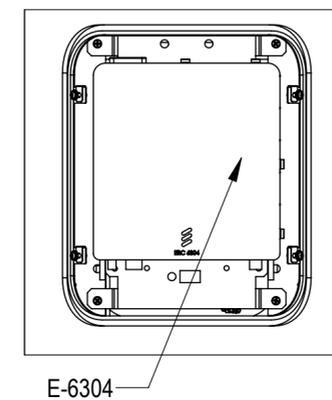
STEP 2:
MTM1028-691-BR(AC08)
1. INSTALL THE MOUNTING BRACKET MTM1028-691-BR TO THE BRACKET INSIDE THE POLE USING 4 SETS OF M6 SEMS SCREWS AND CLIP NUTS



FRONT VIEW

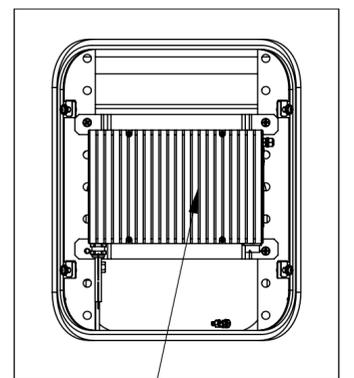


STEP 3:
MTM1221-4001-BR(4490)
1. INSTALL THE MOUNTING BRACKET MTM1221-4001-BR TO THE STRUT INSIDE THE POLE USING 4 SETS OF M6 SEMS SCREWS AND CLIP NUTS



E-6304

OR



AC08

REAR VIEW



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KIT ERC INSTALL - PB20 72" TMT RAD EXT

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		DRAWING			SHEET 14 OF 20
		VERSION 01	STATUS RE	REVISION B	

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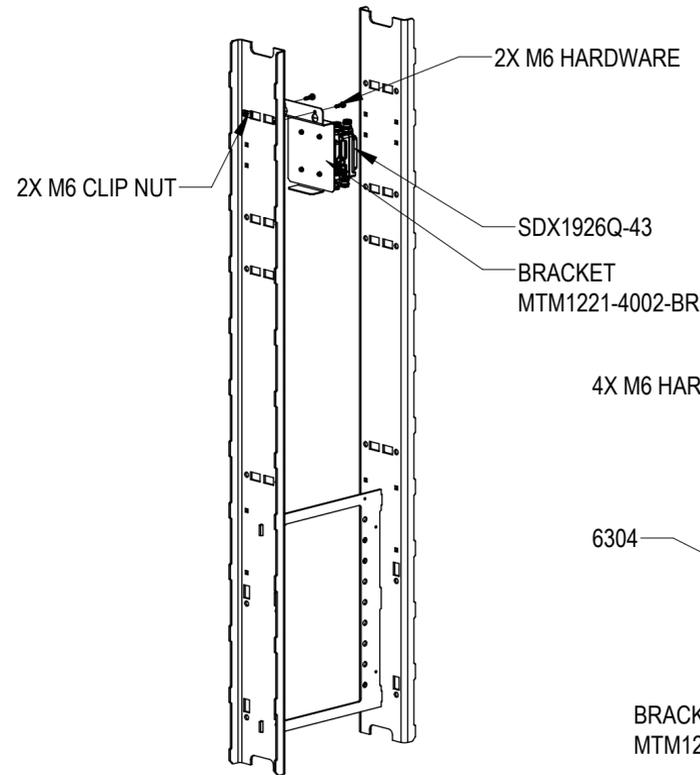
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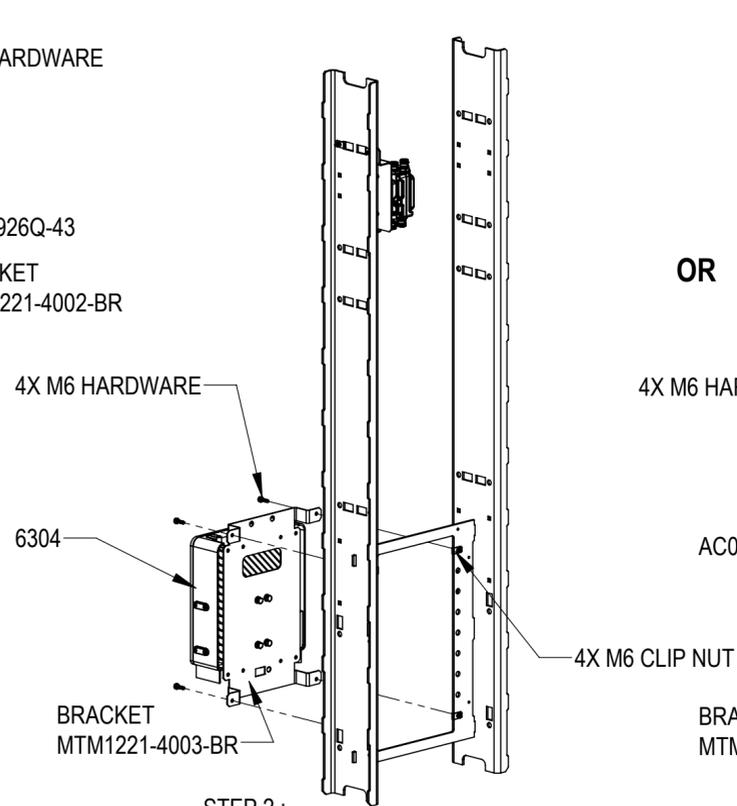
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E10 : 4890 + 6304/AC08 + SDX1926Q-43 INSTALLATION

EQUIPMENT INSTALLATION SEE SHEET 3 & 4
TORQUE ALL TO SPEC

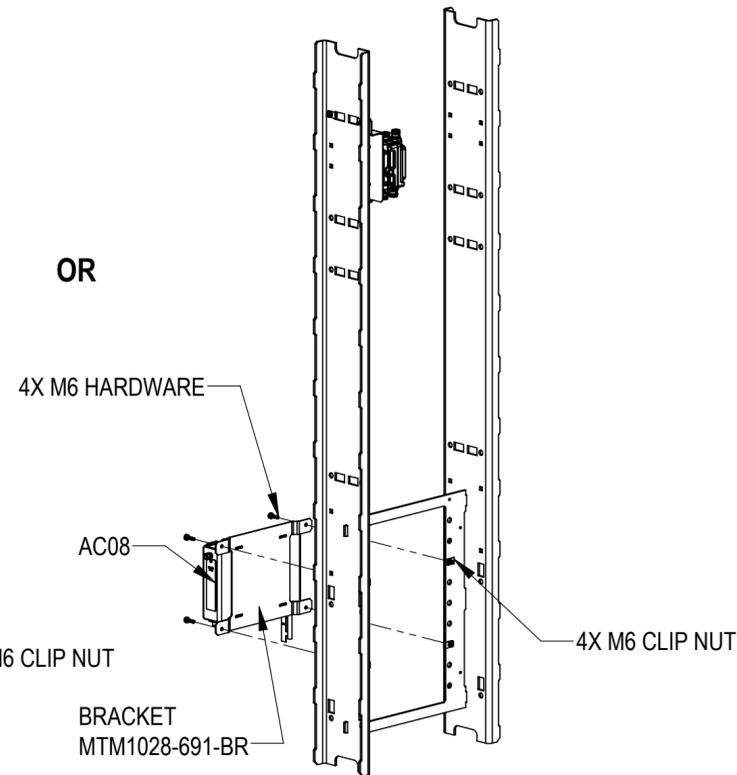


STEP 1 :
MTM1221-4002-BR(SDX1926Q-43)
1. INSTALL THE MOUNTING BRACKET MTM1221-4002-BR TO THE STRUT INSIDE THE POLE USING 2 SETS OF M6 SEMS SCREWS AND CLIP NUTS

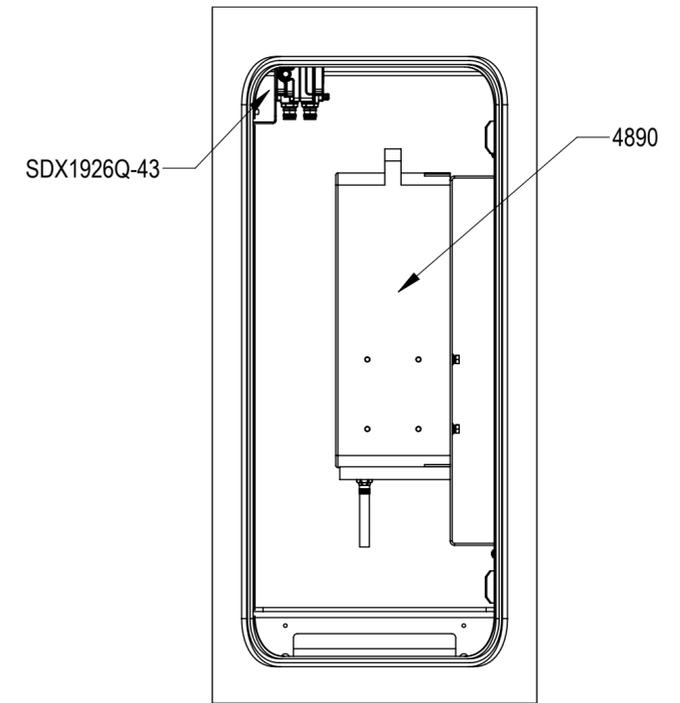


STEP 2 :
MTM1221-4003-BR(E-6304)
1. INSTALL THE MOUNTING BRACKET MTM1221-4003-BR TO THE BRACKET INSIDE THE POLE USING 4 SETS OF M6 SEMS SCREWS AND CLIP NUTS

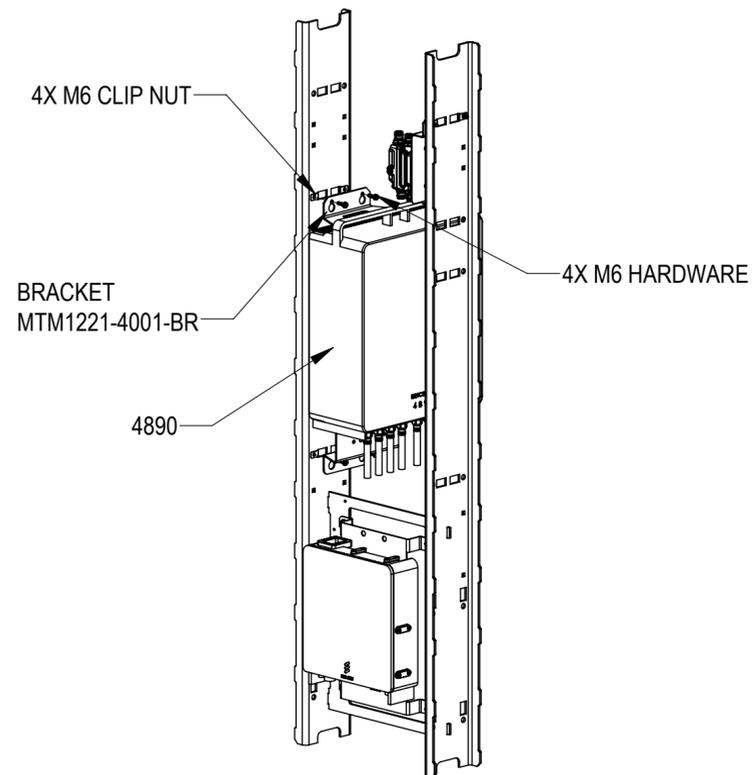
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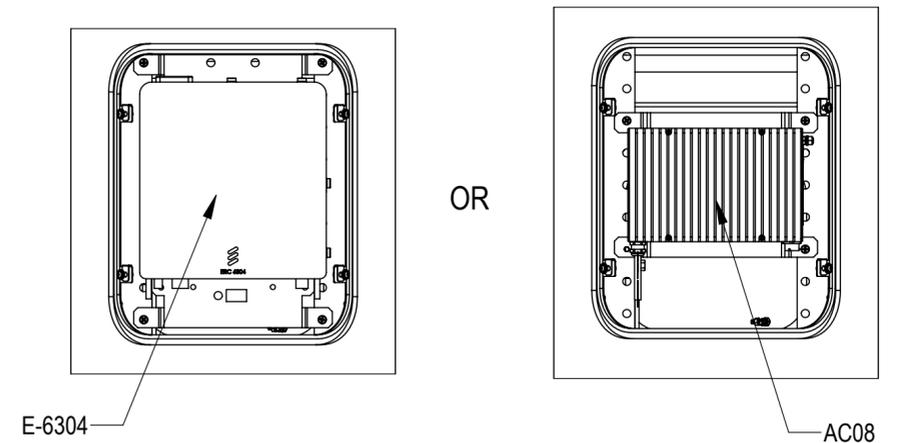
STEP 2 :
MTM1028-691-BR(AC08)
1. INSTALL THE MOUNTING BRACKET MTM1028-691-BR TO THE BRACKET INSIDE THE POLE USING 4 SETS OF M6 SEMS SCREWS AND CLIP NUTS



FRONT VIEW



STEP 3 :
MTM1221-4001-BR(4890)
1. INSTALL THE MOUNTING BRACKET MTM1221-4001-BR TO THE STRUT INSIDE THE POLE USING 4 SETS OF M6 SEMS SCREWS AND CLIP NUTS



REAR VIEW

ANDREW an Amphenol company

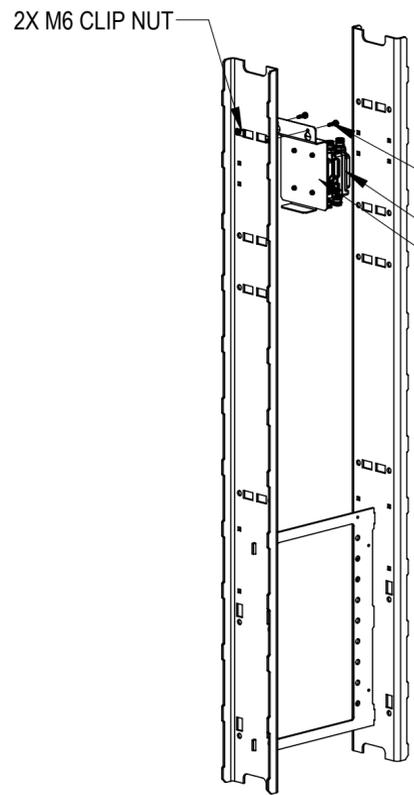
TITLE
KIT ERC INSTALL - PB20 72" TMT RAD EXT

SIZE C	SCALE 1:8	DOCUMENT NO. MTM1193-9900-AMK-E		
 		DRAWING		SHEET
		VERSION 01	STATUS RE	REVISION B

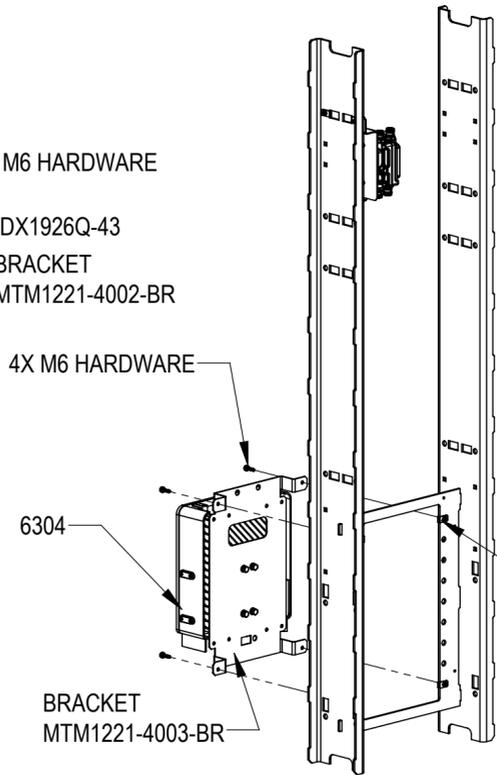
Confidential

E11 : 4467 + 6304/AC08 + SDX1926Q-43 INSTALLATION

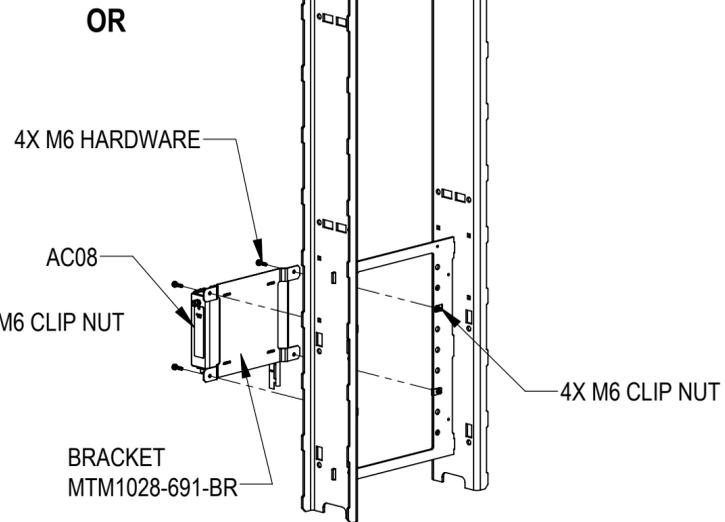
EQUIPMENT INSTALLATION SEE SHEET 3 & 4
TORQUE ALL TO SPEC



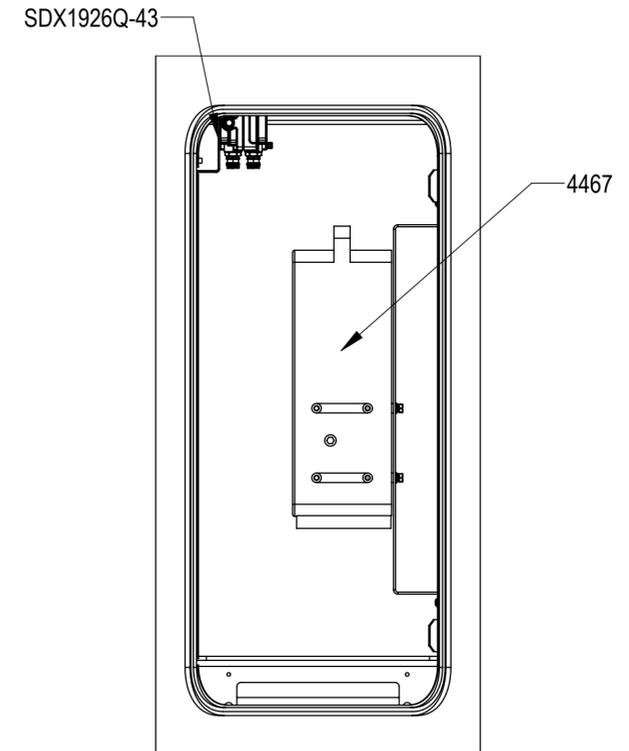
STEP 1 :
MTM1221-4002-BR(SDX1926Q-43)
1. INSTALL THE MOUNTING BRACKET MTM1221-4002-BR TO THE STRUT INSIDE THE POLE USING 2 SETS OF M6 SEMS SCREWS AND CLIP NUTS



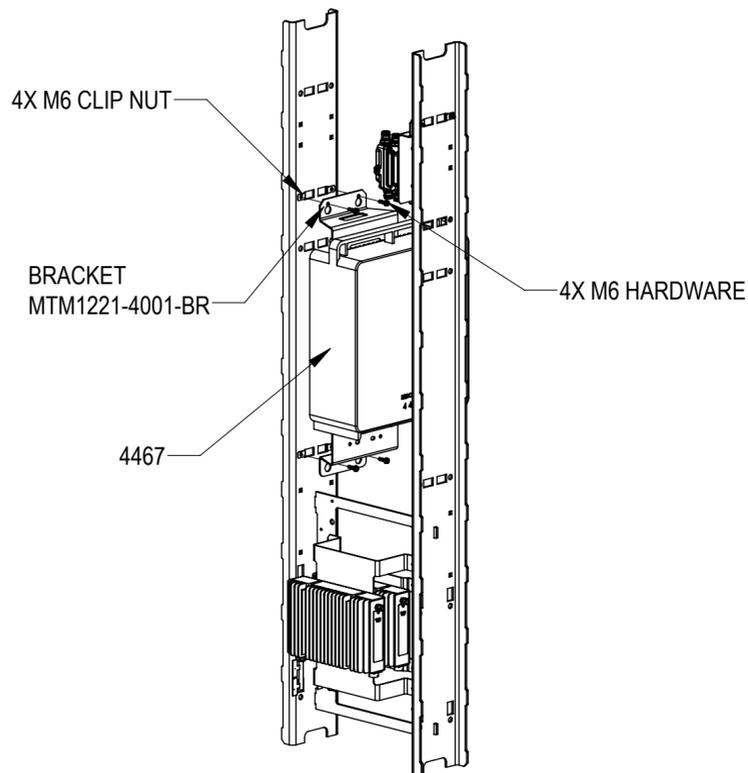
STEP 2 :
MTM1221-4003-BR(E-6304)
1. INSTALL THE MOUNTING BRACKET MTM1221-4003-BR TO THE BRACKET INSIDE THE POLE USING 4 SETS OF M6 SEMS SCREWS AND CLIP NUTS



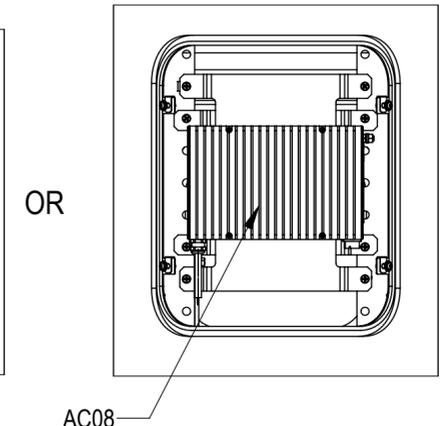
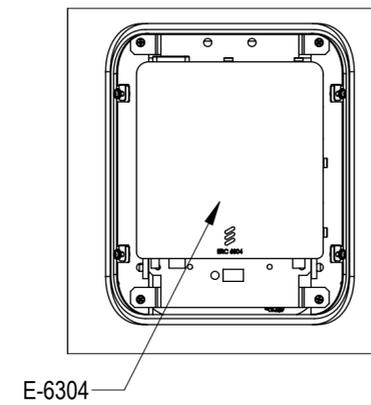
STEP 2 :
MTM1028-691-BR(AC08)
1. INSTALL THE MOUNTING BRACKET MTM1028-691-BR TO THE BRACKET INSIDE THE POLE USING 4 SETS OF M6 SEMS SCREWS AND CLIP NUTS



FRONT VIEW



STEP 3 :
MTM1221-4001-BR(4467)
1. INSTALL THE MOUNTING BRACKET MTM1221-4001-BR TO THE STRUT INSIDE THE POLE USING 4 SETS OF M6 SEMS SCREWS AND CLIP NUTS



REAR VIEW

ANDREW an Amphenol company

TITLE
KIT ERC INSTALL - PB20 72" TMT RAD EXT

SIZE **C** SCALE **1:10** DOCUMENT NO. MTM1193-9900-AMK-E

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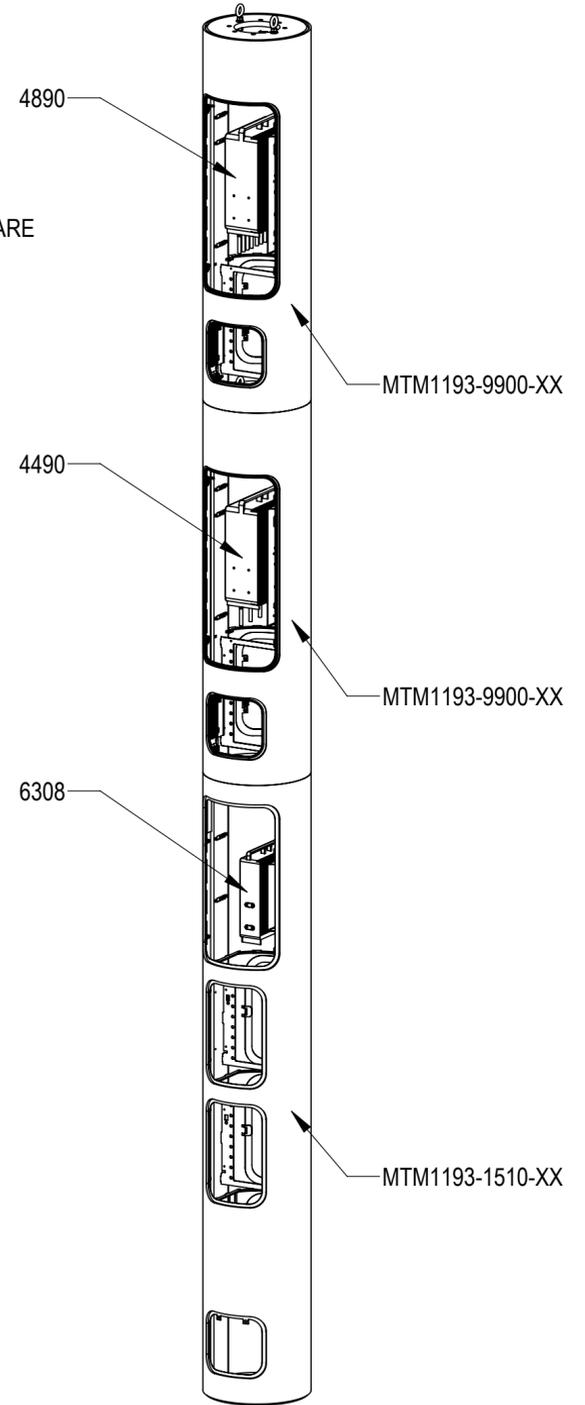
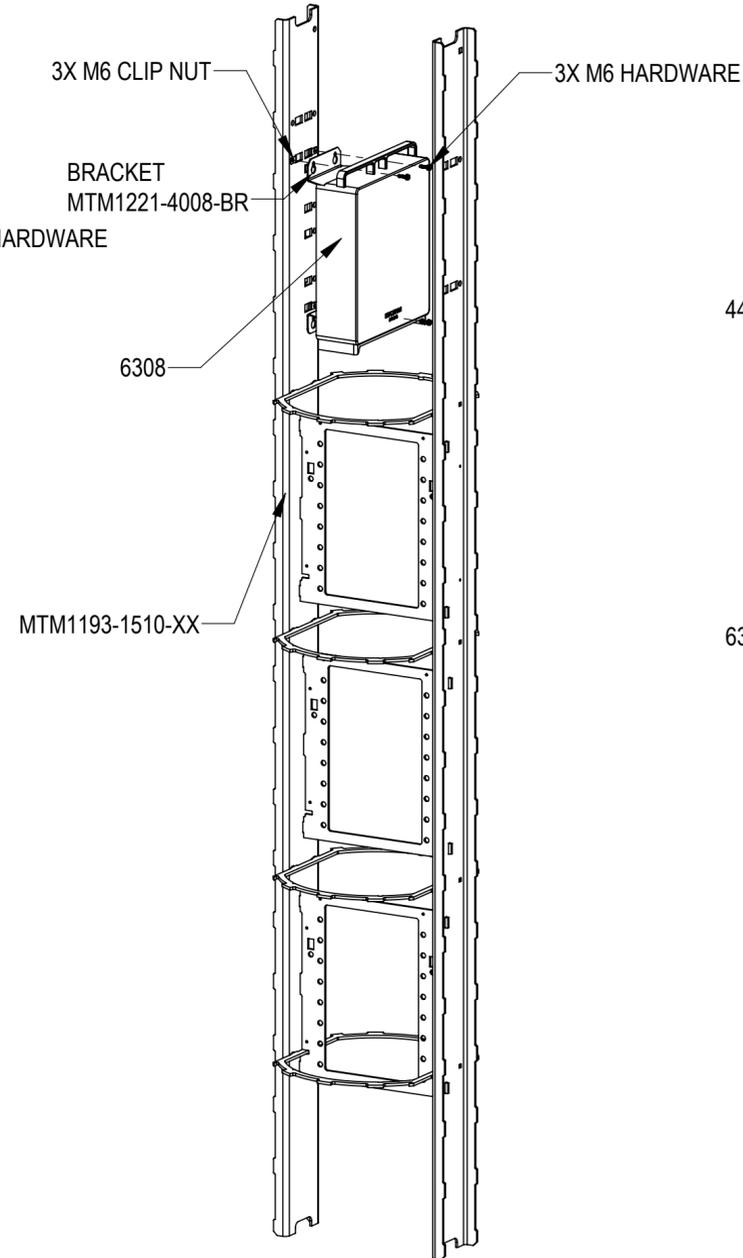
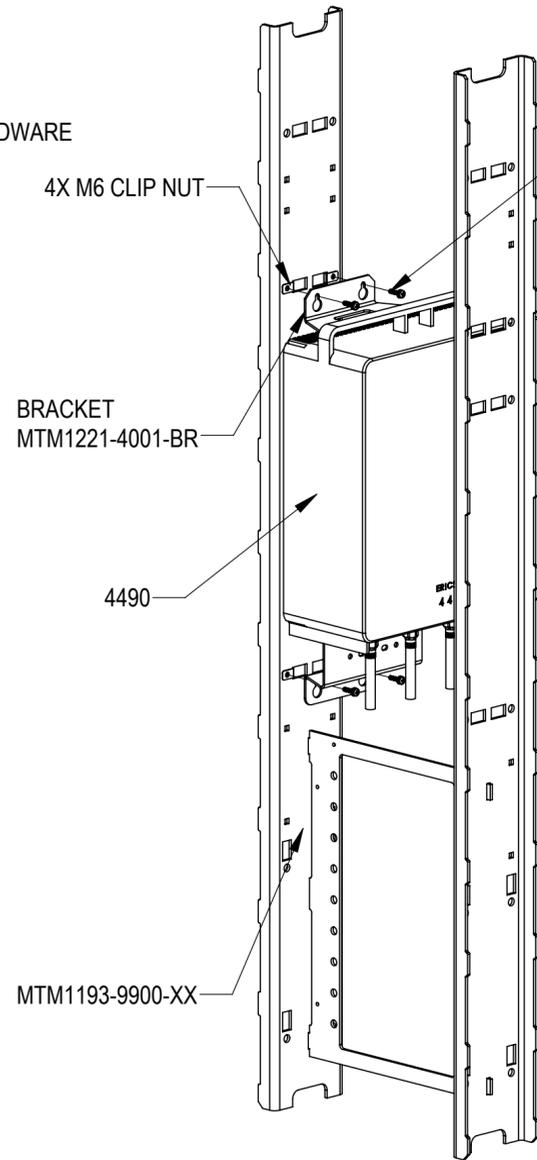
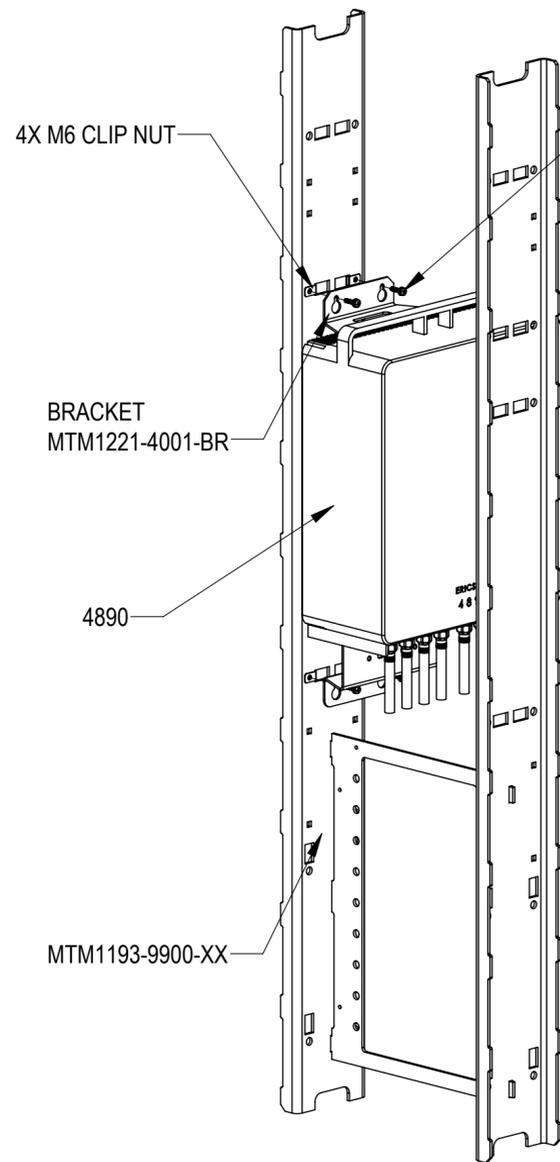
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E12: 4890 + 4490 + 6308 INSTALLATION

EQUIPMENT INSTALLATION SEE SHEET 3 & 4
TORQUE ALL TO SPEC



MTM1221-4001-BR(4890)

1. INSTALL THE MOUNTING BRACKET MTM1221-4001-BR TO THE STRUT INSIDE THE POLE USING 4 SETS OF M6 SEMS SCREWS AND CLIP NUTS

MTM1221-4001-BR(4490)

1. INSTALL THE MOUNTING BRACKET MTM1221-4001-BR TO THE STRUT INSIDE THE POLE USING 4 SETS OF M6 SEMS SCREWS AND CLIP NUTS

MTM1221-4008-BR(6308)

1. INSTALL THE MOUNTING BRACKET MTM1221-4008-BR TO THE STRUT INSIDE THE POLE USING 3 SETS OF M6 SEMS SCREWS AND CLIP NUTS



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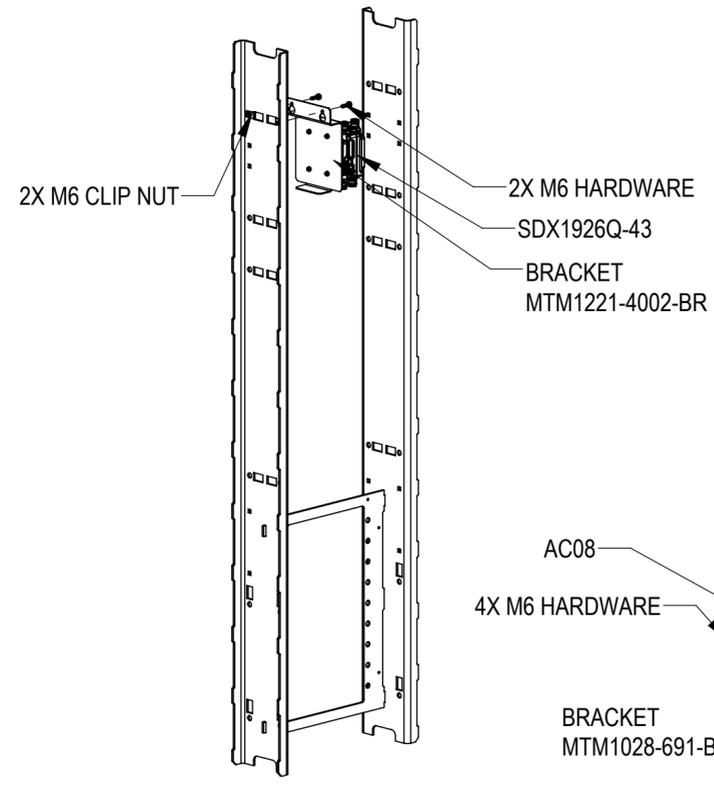
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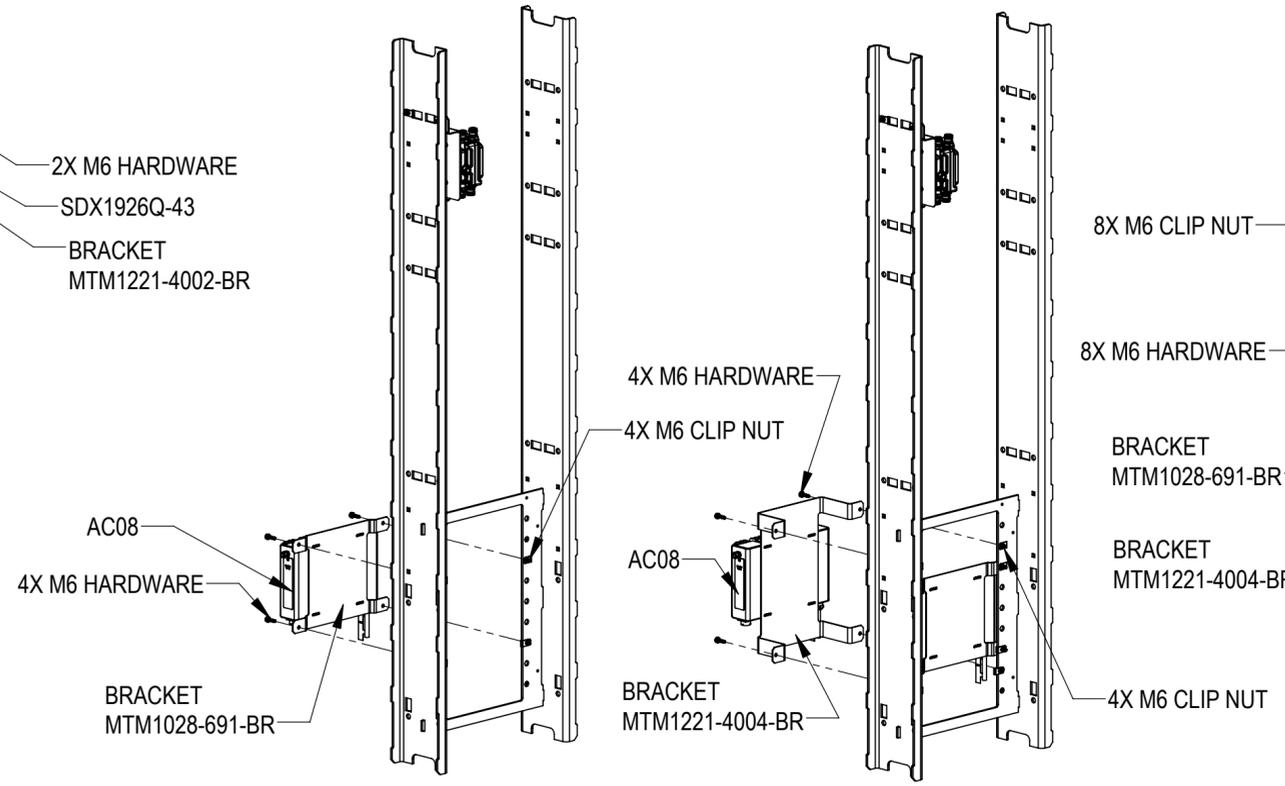
E13: 4471 + 6304/1X AC08/2X AC08 + SDX1926Q-43 INSTALLATION

EQUIPMENT INSTALLATION SEE SHEET 4 & 5
TORQUE ALL TO SPEC



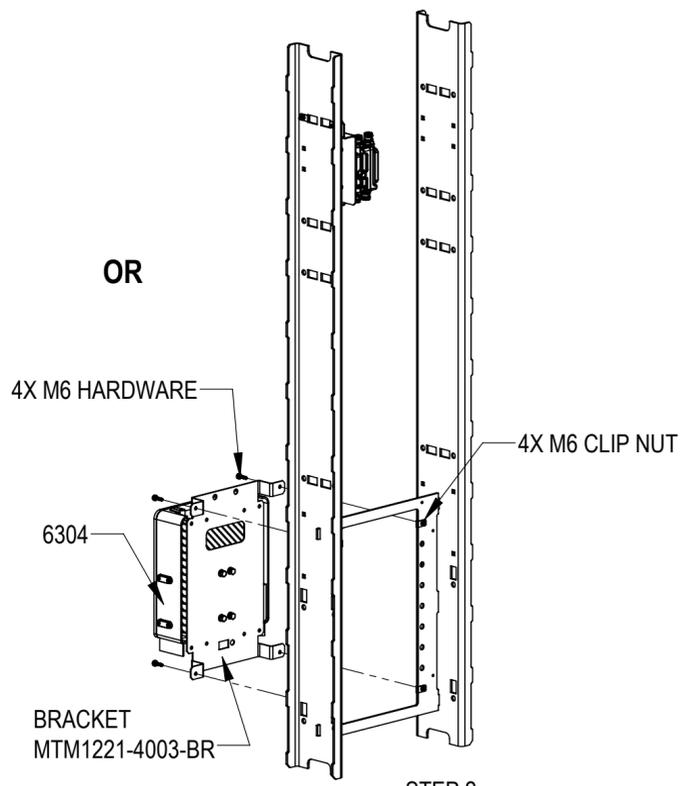
STEP 1:
MTM1221-4002-BR(SDX1926Q-43)

1. INSTALL THE MOUNTING BRACKET MTM1221-4002-BR TO THE STRUT INSIDE THE POLE USING 2 SETS OF M6 SEMS SCREWS AND CLIP NUTS



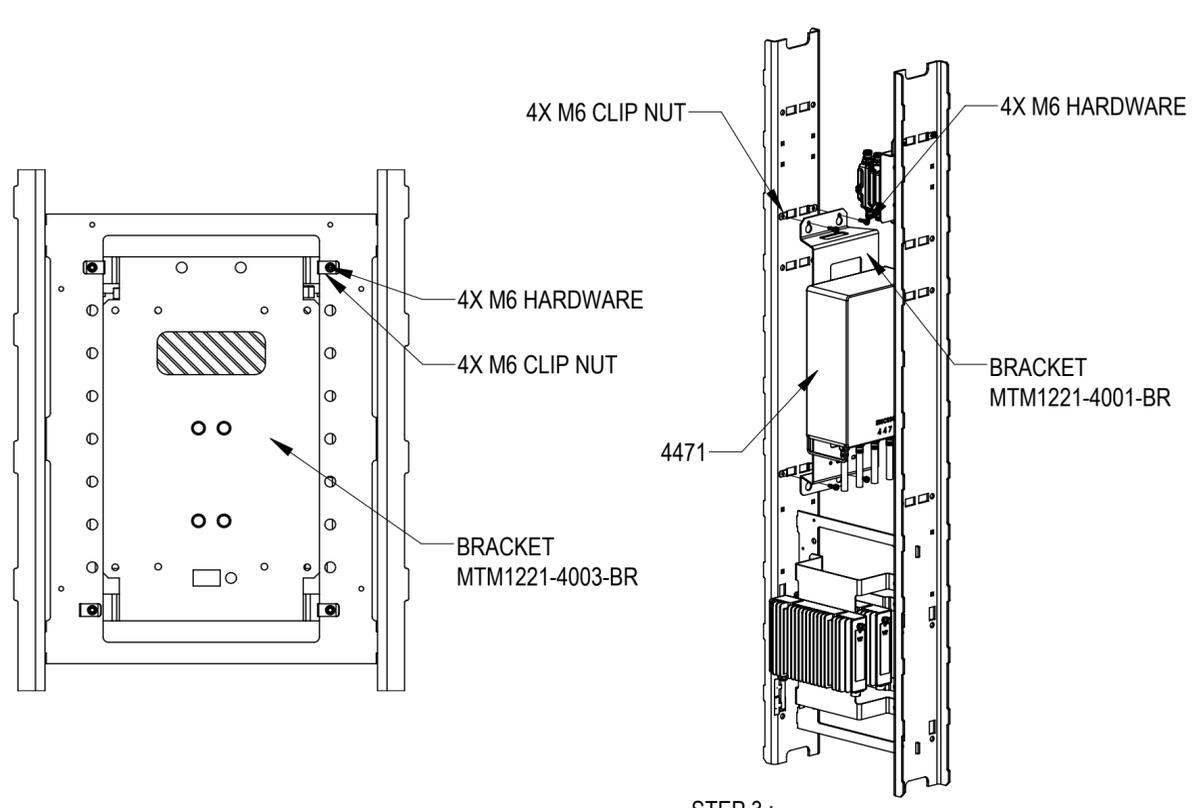
STEP 2:
MTM1028-691-BR (AC08) & MTM1221-4004-BR (AC08)

1. INSTALL THE MOUNTING BRACKET MTM1028-691-BR TO THE BRACKET INSIDE THE POLE USING 4 SETS OF M6 SEMS SCREWS AND CLIP NUTS.
2. INSTALL THE MOUNTING BRACKET MTM1221-4004-BR TO THE BRACKET INSIDE THE POLE USING 4 SETS OF M6 SEMS SCREWS AND CLIP NUTS



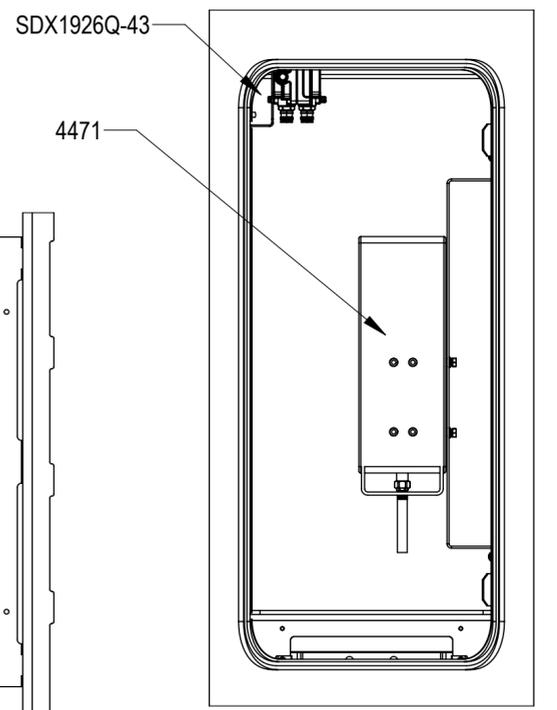
STEP 2:
MTM1221-4003-BR(E-6304)

1. INSTALL THE MOUNTING BRACKET MTM1221-4003-BR TO THE BRACKET INSIDE THE POLE USING 4 SETS OF M6 SEMS SCREWS AND CLIP NUTS

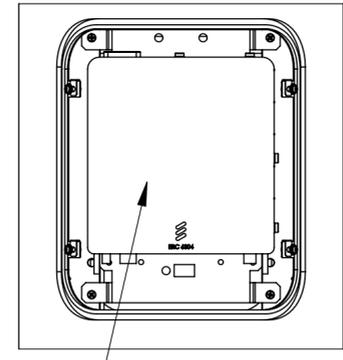
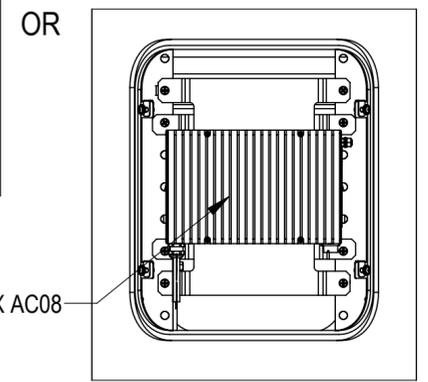
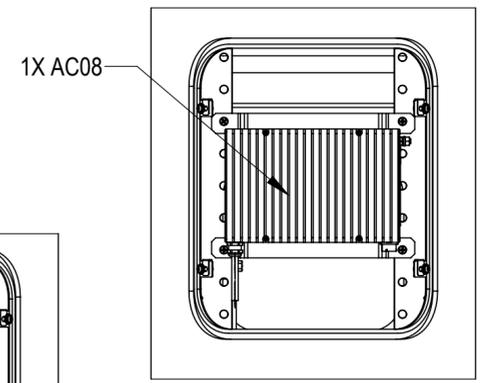


STEP 3:
MTM1221-4001-BR(4471)

1. INSTALL THE MOUNTING BRACKET MTM1221-4001-BR TO THE STRUT INSIDE THE POLE USING 4 SETS OF M6 SEMS SCREWS AND CLIP NUTS



FRONT VIEW



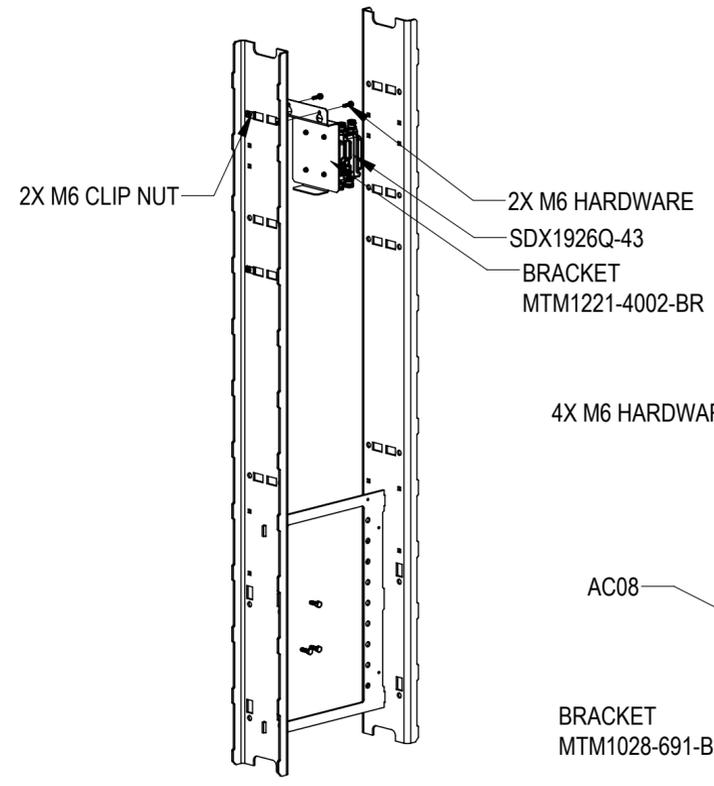
REAR VIEW

ANDREW an Amphenol company				
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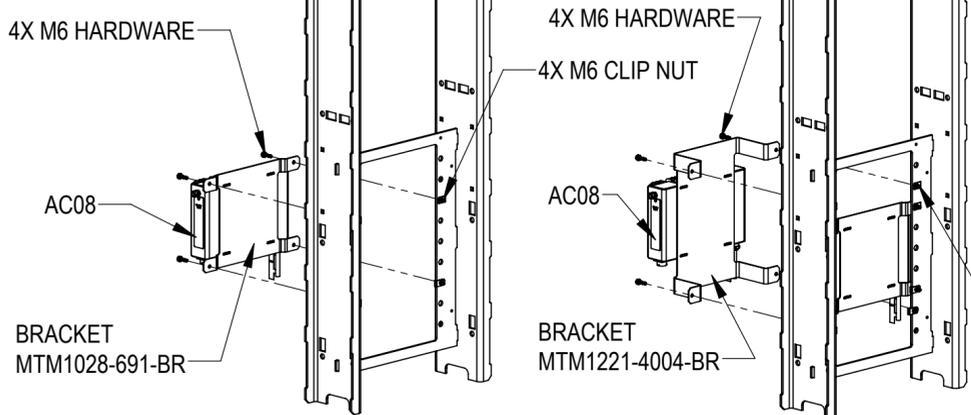
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EQUIPMENT INSTALLATION SEE SHEET 4 & 5
TORQUE ALL TO SPEC



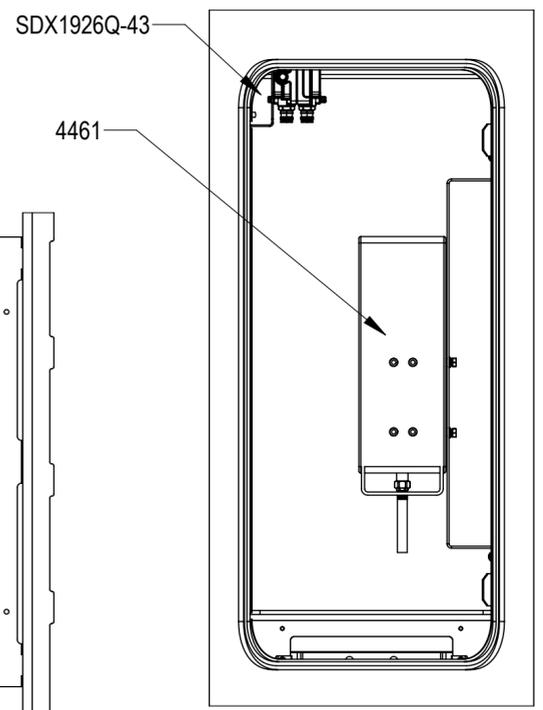
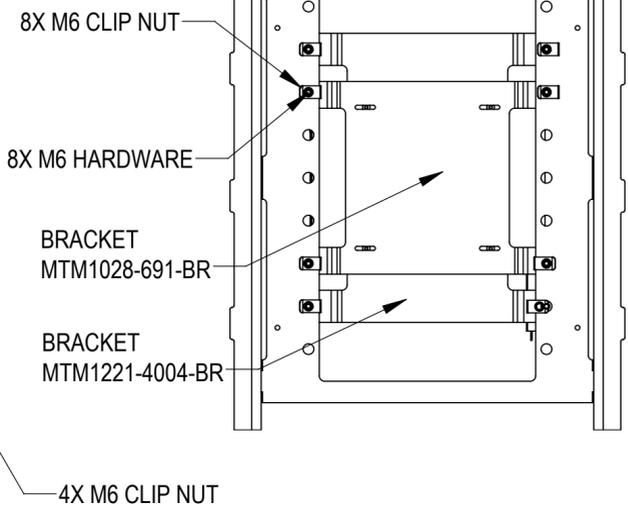
STEP 1:

MTM1221-4002-BR(SDX1926Q-43)
1. INSTALL THE MOUNTING BRACKET MTM1221-4002-BR TO THE STRUT INSIDE THE POLE USING 2 SETS OF M6 SEMS SCREWS AND CLIP NUTS

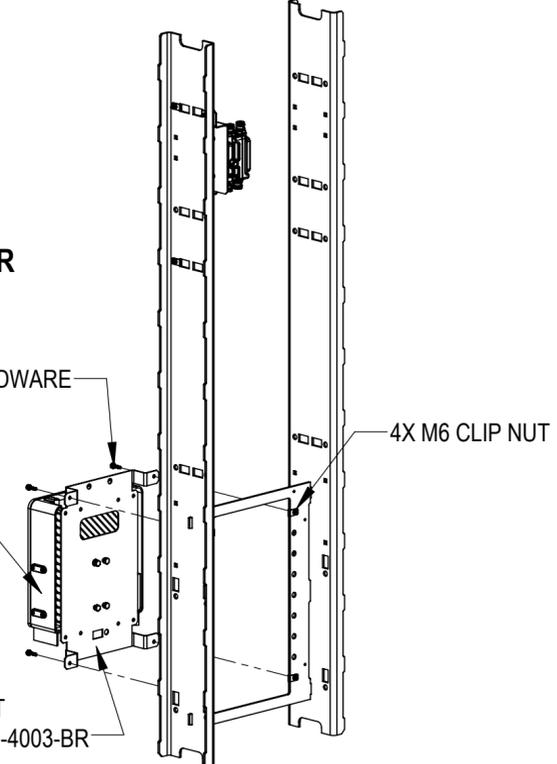


STEP 2:

MTM1028-691-BR (AC08) & MTM1221-4004-BR(AC08)
1. INSTALL THE MOUNTING BRACKET MTM1028-691-BR TO THE BRACKET INSIDE THE POLE USING 4 SETS OF M6 SEMS SCREWS AND CLIP NUTS.
2. INSTALL THE MOUNTING BRACKET MTM1221-4004-BR TO THE BRACKET INSIDE THE POLE USING 4 SETS OF M6 SEMS SCREWS AND CLIP NUTS

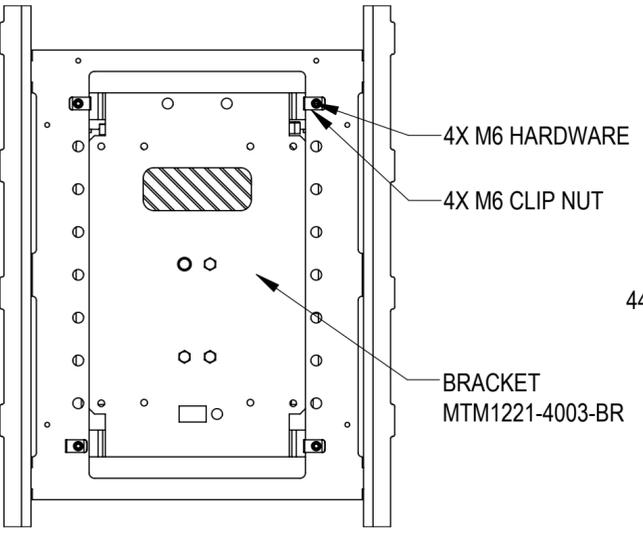


FRONT VIEW



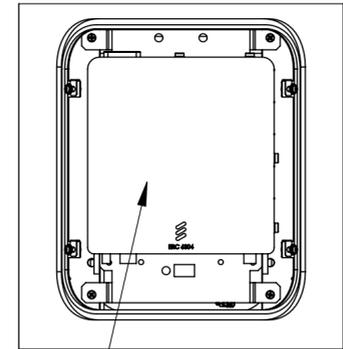
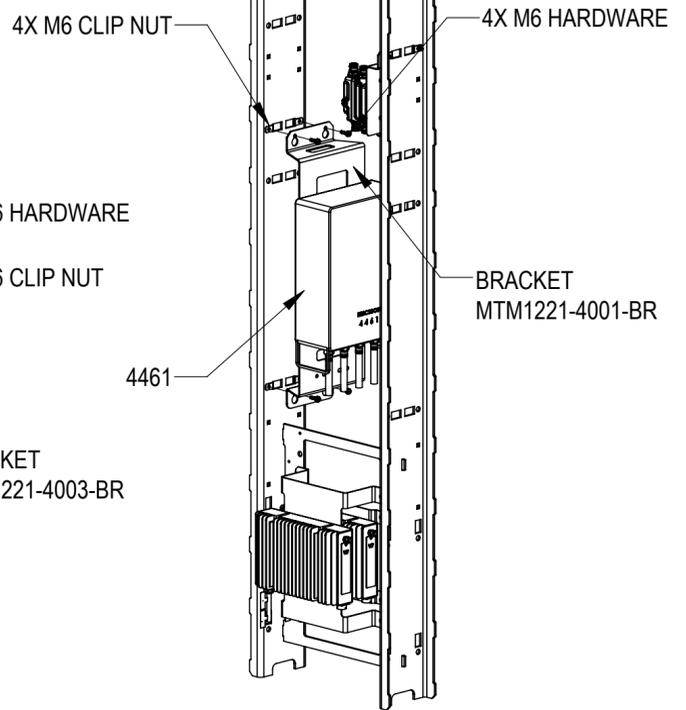
STEP 2:

MTM1221-4003-BR(E-6304)
1. INSTALL THE MOUNTING BRACKET MTM1221-4003-BR TO THE BRACKET INSIDE THE POLE USING 4 SETS OF M6 SEMS SCREWS AND CLIP NUTS

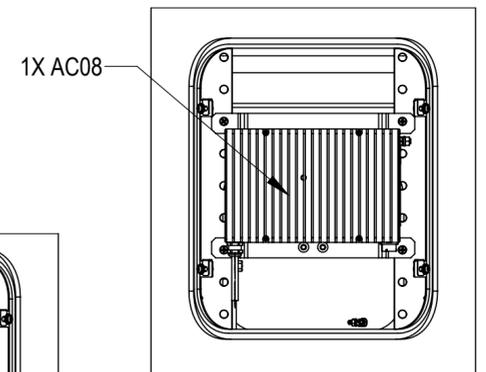


STEP 3:

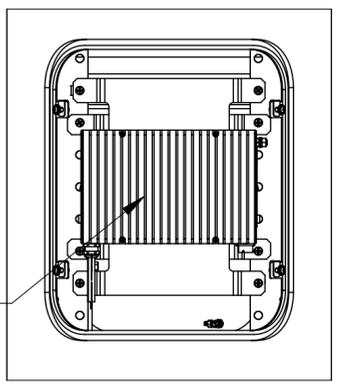
MTM1221-4001-BR(4461)
1. INSTALL THE MOUNTING BRACKET MTM1221-4001-BR TO THE STRUT INSIDE THE POLE USING 4 SETS OF M6 SEMS SCREWS AND CLIP NUTS



REAR VIEW



OR



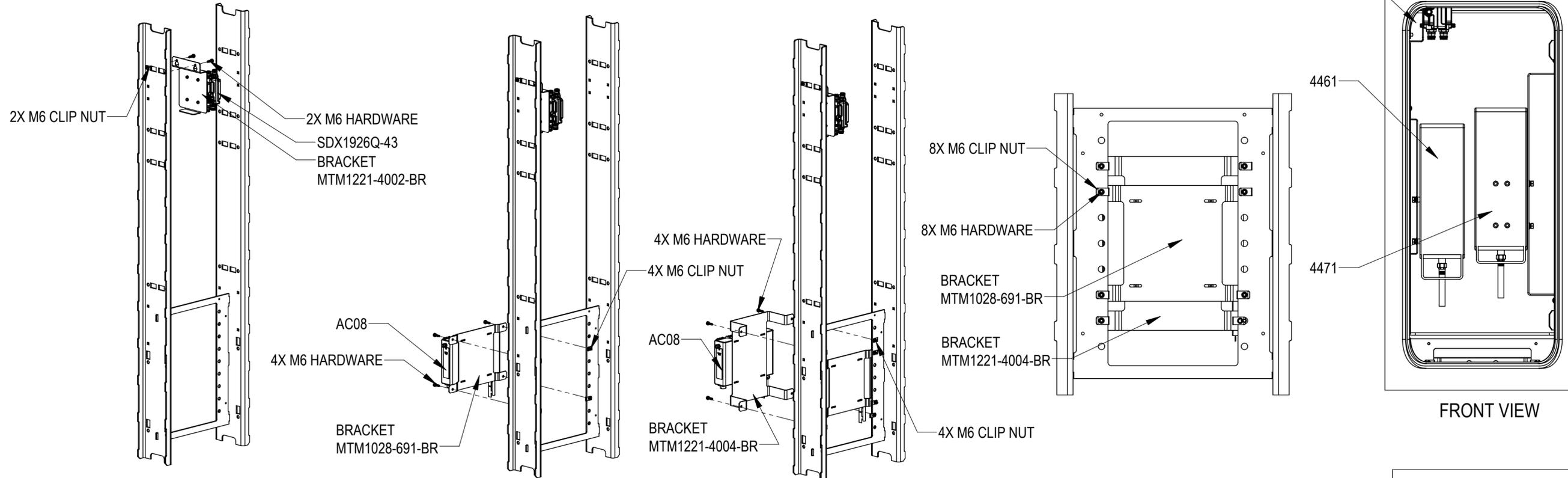
ANDREW an Amphenol company

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E15: 4471 & 4461 + 6304/1X AC08/2X AC08 + SDX1926Q-43 INSTALLATION

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STEP 1 :

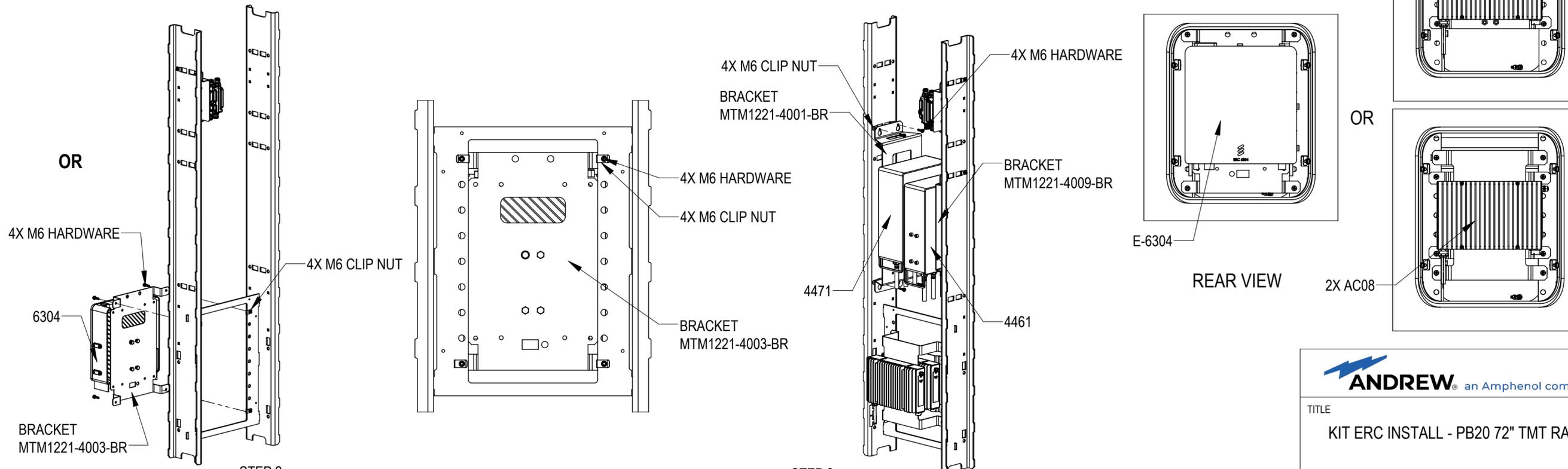
MTM1221-4002-BR(SDX1926Q-43)

1. INSTALL THE MOUNTING BRACKET MTM1221-4002-BR TO THE STRUT INSIDE THE POLE USING 2 SETS OF M6 SEMS SCREWS AND CLIP NUTS

STEP 2 :

MTM1028-691-BR (AC08) & MTM1221-4004-BR(AC08)

1. INSTALL THE MOUNTING BRACKET MTM1028-691-BR TO THE BRACKET INSIDE THE POLE USING 4 SETS OF M6 SEMS SCREWS AND CLIP NUTS.
2. INSTALL THE MOUNTING BRACKET MTM1221-4004-BR TO THE BRACKET INSIDE THE POLE USING 4 SETS OF M6 SEMS SCREWS AND CLIP NUTS



STEP 2 :

MTM1221-4003-BR(E-6304)

1. INSTALL THE MOUNTING BRACKET MTM1221-4003-BR TO THE BRACKET INSIDE THE POLE USING 4 SETS OF M6 SEMS SCREWS AND CLIP NUTS

STEP 3 :

MTM1221-4001-BR(4471) & MTM1221-4009-BR(4461)

1. INSTALL THE MOUNTING BRACKETS MTM1221-4001-BR & MTM1221-4009-BR TO THE STRUT INSIDE THE POLE USING 4 SETS OF M6 SEMS SCREWS AND CLIP NUTS



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