

1

2

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8

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10

11

12

1.0 GENERAL NOTES

1.1 NO TOLERANCES

2.0 DESIGN NOTES

3.0 MANUFACTURING/SPECIAL REQUIREMENTS

3.1 USE THE HARDWARE PROVIDED IN THE KIT 860664823-AMK-001

4.0 TEST

5.0 PACKAGING

REV.

DESCRIPTION

DATE

APPROVED

A

INITIAL RELEASE

MS1288
27SEP22

AK1101
40154807CMO

B

UPDATED VIEW OF SCREW AND LOCK WASHER

ZL1057
23NOV22

AK1101
40160011CMO

POLETOP 18"

860664823-AMK-001

INSTALLATION INSTRUCTIONS

ERICSSON EQUIPMENT INSTALLATION CONFIGURATION LIST

CONFIGURATION	SHEET NO.	EQUIP.1	QTY	EQUIP.2	QTY	EQUIP.3	QTY
E1	2	ERC220X OR ERC440X	4	PTS90124	1		
E2	3	ERC220X OR ERC440X	4	PTS90121	1		
E3	4	ERC220X OR ERC440X	2	PTS90124	1	ERC4435	1
E4	5	ERC220X OR ERC440X	2	PTS90121	1	ERC4435	1

COMMScope, INC. OF NORTH CAROLINA

TOLERANCES

SAP MATERIAL MASTER

0 PLACE X[.X] ± SEE NOTE 1 2 PLACE .XX[.XXX] ±

1 PLACE .X[.XX] ± ANGLES ±

FINISH

MATERIAL

DENSITY

MASS

VOLUME

SURFACE AREA

0.45

lbs

in³

in²

DENSITY

MASS

VOLUME

SURFACE AREA

g/mm³

grams

mm³

mm²

HEIGHT

LENGTH

WIDTH

63.5[2.50]

209.6[8.25]

209.6[8.25]

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN MILLIMETERS
INTERPRET PER ANSI Y 14.5M-1994

CE

MS1288

27SEP22

RW

ZL1057

12/01/2022

AD

AK1101

12/02/2022

RE

DM1121

12/05/2022

ECN 40160011CMO

SIZE

Auth Group

INSL

MODEL

VERSION

STATUS

REVISION

DRAWING

VERSION

STATUS

REVISION

SHEET

A2

01

RE

B

01

RE

B

1 OF 5

PT18, AMK, PTS-POWER-BRK-INSTALL

SCALE

DOCUMENT NO.

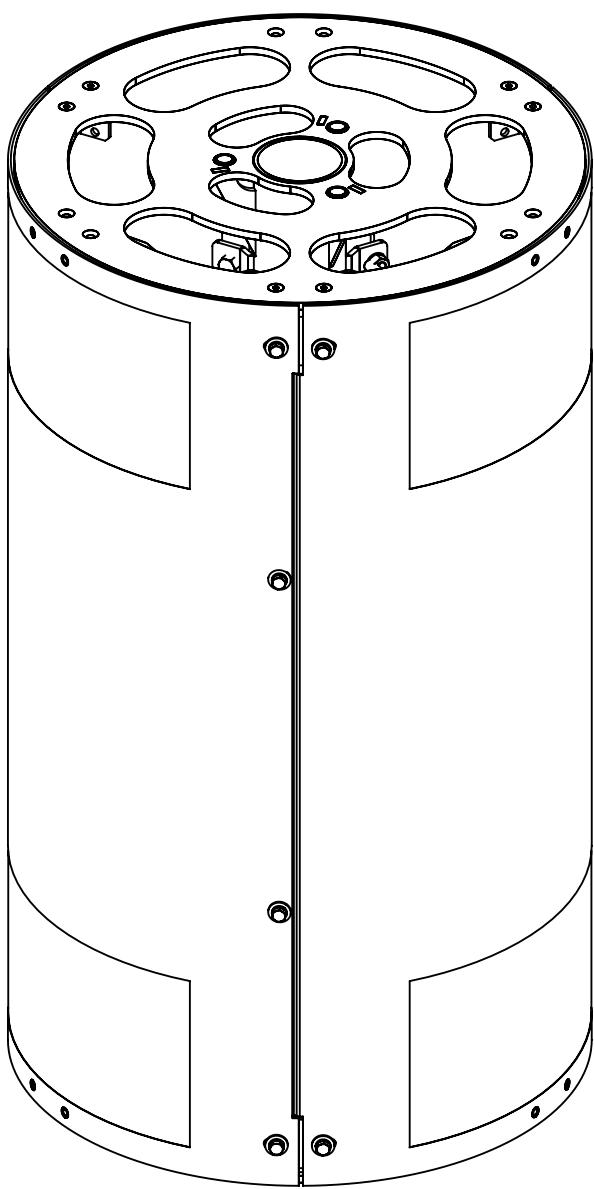
1:1

860664823-AMK-001-INSTALL

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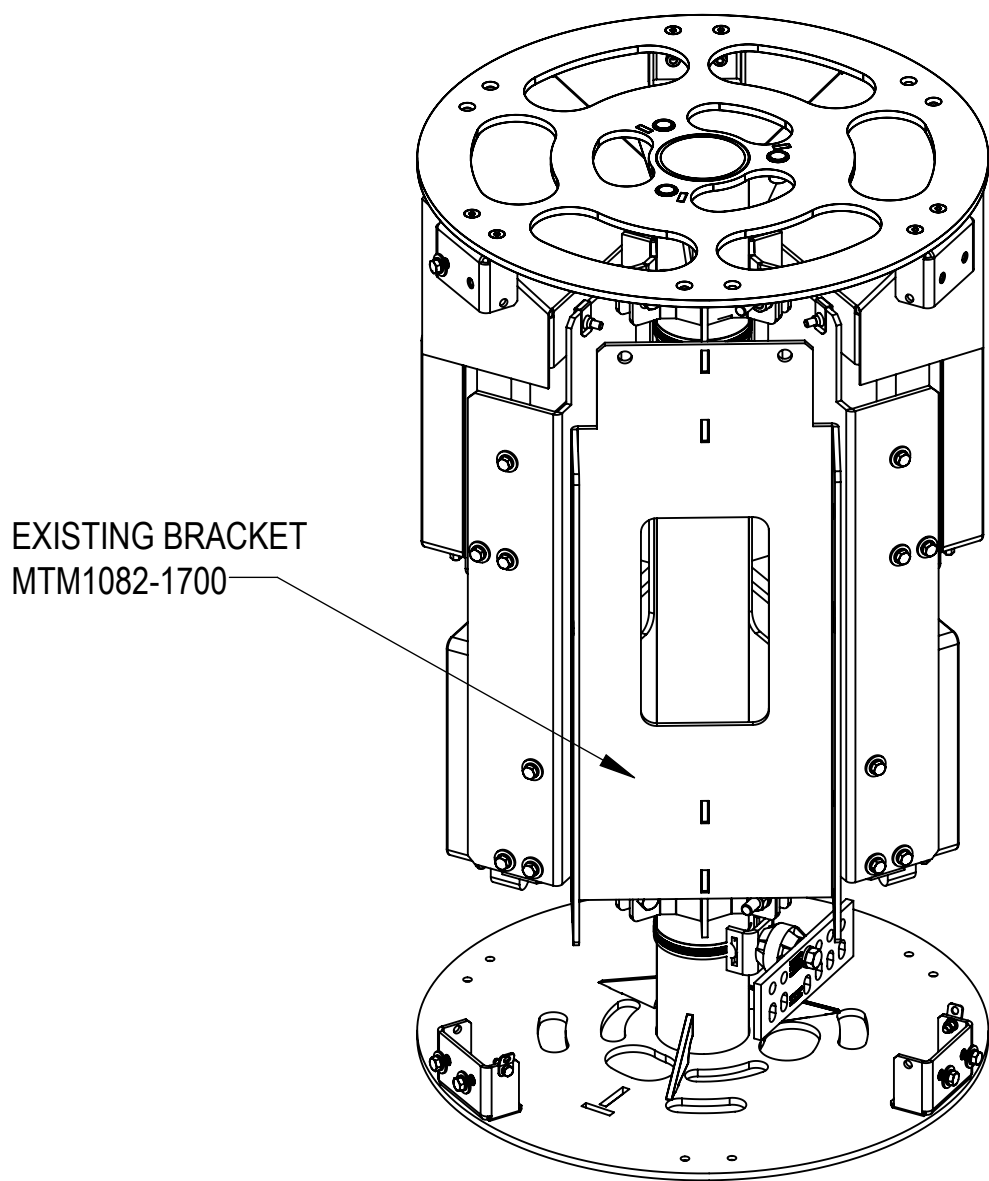
CONFIGURATION E1: PTS90124 (QTY 1); RRU 2203 (QTY 4)

CONFIGURATION E2: PTS90121 (QTY 1); RRU 2203 (QTY 4)



STEP 1

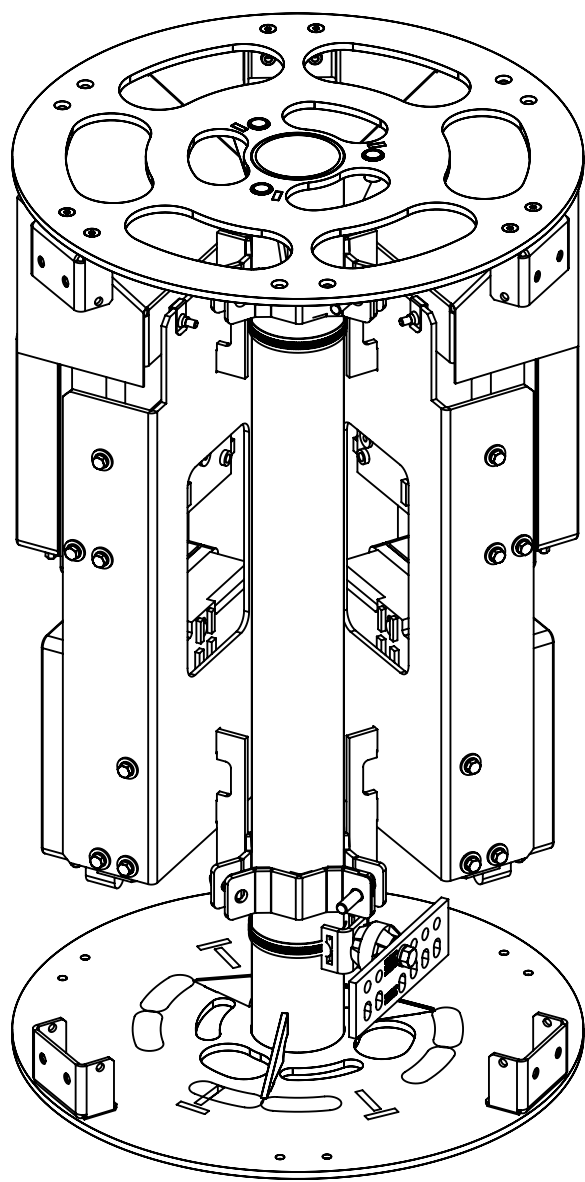
- REMOVE AND RETAIN COVERS & HARDWARE



EXISTING BRACKET
MTM1082-1700

STEP 2

- REMOVE EXISTING BRACKET MTM1082-1700 AND RETAIN HARDWARE



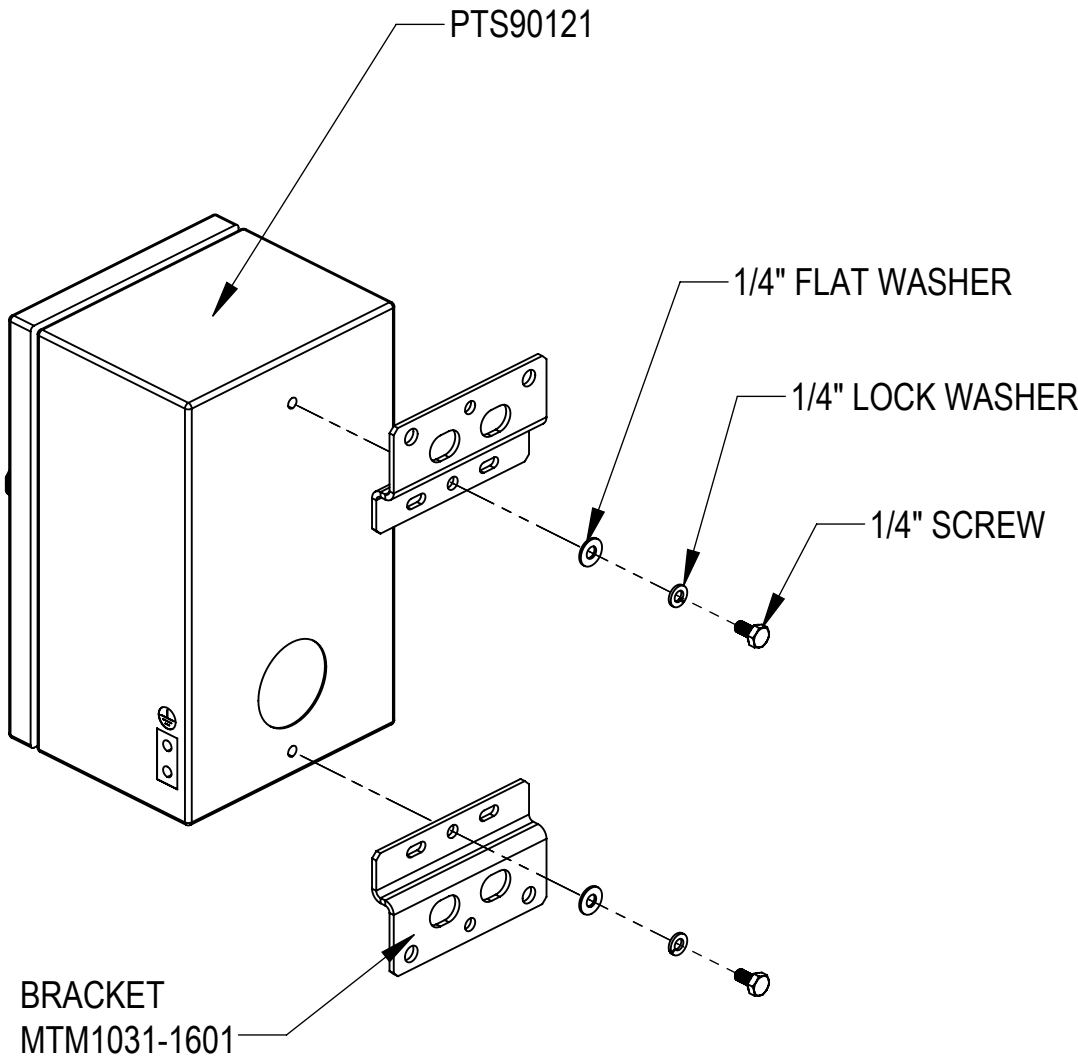
STEP 3

- POLETOP 18" AFTER REMOVING ONE BRACKET

COMMSCOPE, INC. OF NORTH CAROLINA				
TITLE				
PT18, AMK, PTS-POWER-BRK-INSTALL				
SIZE	SCALE	DOCUMENT NO.		
A2	1:10	860664823-AMK-001-INSTALL		
		DRAWING		
		VERSION	STATUS	REVISION
		01	RE	B
				SHEET
				2 OF 5

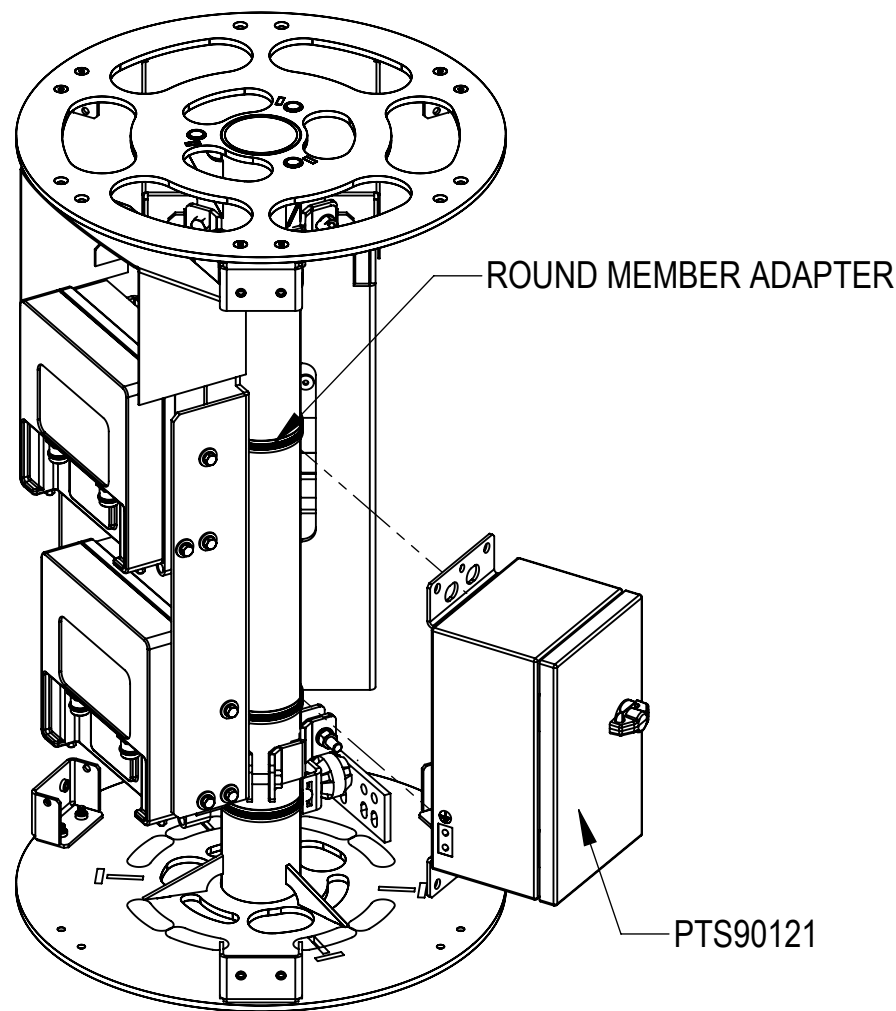
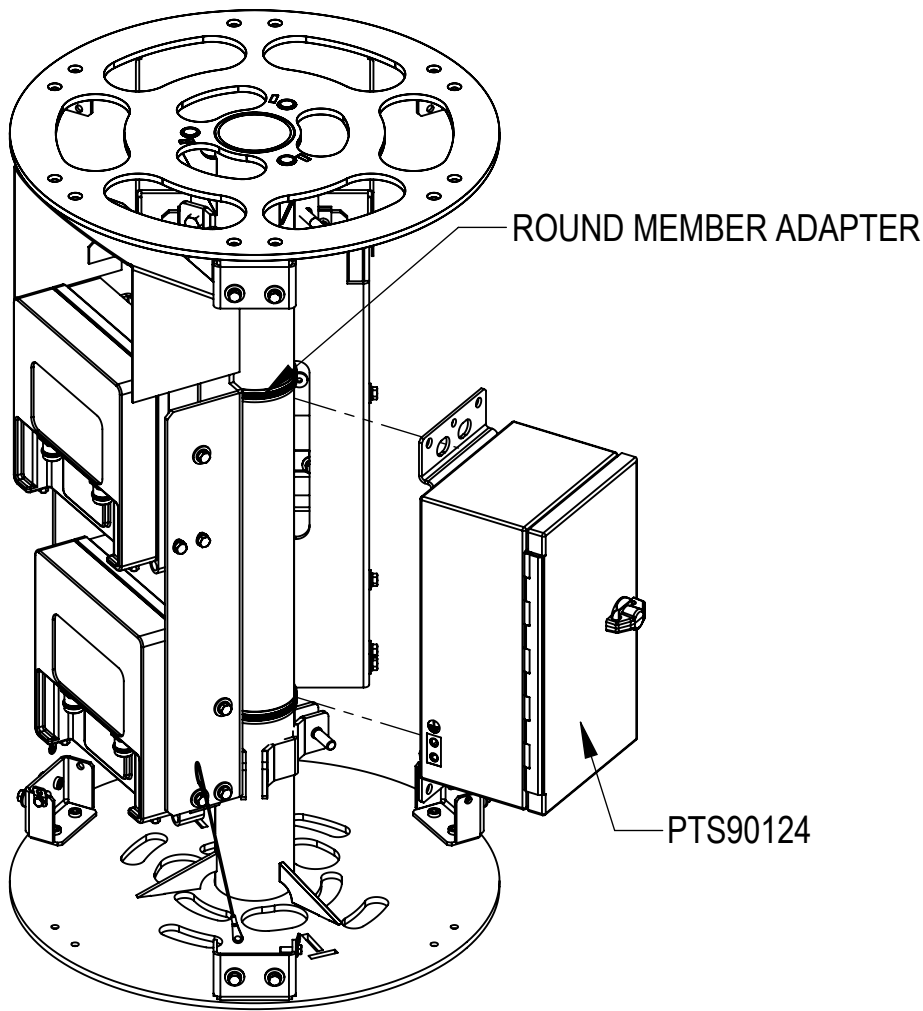
CONFIGURATION E1: PTS90124 (QTY 1); RRU 2203 (QTY 4)

CONFIGURATION E 2: PTS90121 (QTY 1); RRU 2203 (QTY 4)



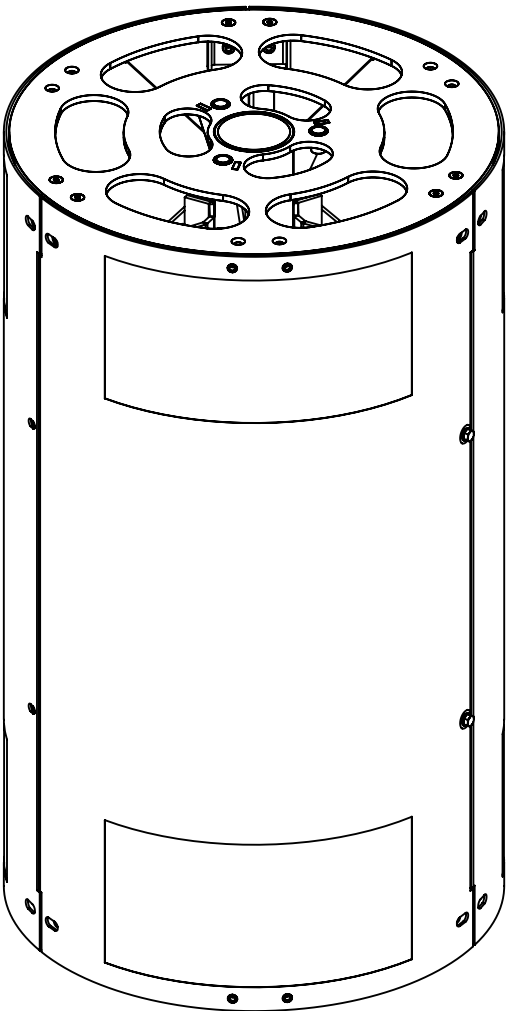
STEP 4

- CONFIG E1: INSTALL PTS90121 WITH BRACKET MTM1031-1601 (QTY 2) USING 2 SETS OF 1/4" HARDWARE (SCREWS, LOCK & FLAT WASHERS), PROVIDED IN HARDWARE BAG OF POLETOP SOLUTION AS SHOWN. TORQUE ALL 1/4 INCH HARDWARE SCREWS TO 4.8 FT-LB OR 6.6 N-M
- CONFIG E2: INSTALL PTS90124 WITH BRACKET MTM1031-1601 (QTY 2) USING 2 SETS OF 1/4" HARDWARE (SCREWS, LOCK & FLAT WASHERS), PROVIDED IN HARDWARE BAG OF POLETOP SOLUTION AS SHOWN. TORQUE ALL 1/4 INCH HARDWARE SCREWS TO 4.8 FT-LB OR 6.6 N-M



STEP 5

- CONFI E1: INSTALL PTS90121 & BRACKET ASSEMBLY TO POLETOP WITH ROUND MEMBER ADAPTER CLAMP WITH TORQUE OF 30-45 IN-LB
- CONFI E2: INSTALL PTS90124 & BRACKET ASSEMBLY TO POLETOP WITH ROUND MEMBER ADAPTER CLAMP WITH TORQUE OF 30-45 IN-LB

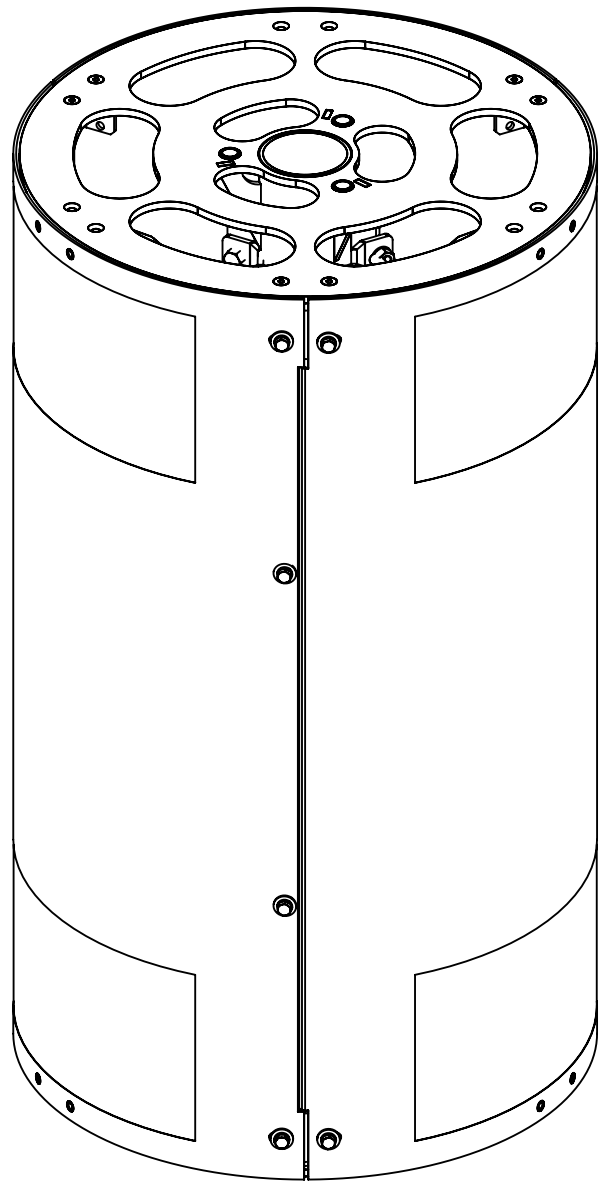


STEP 6

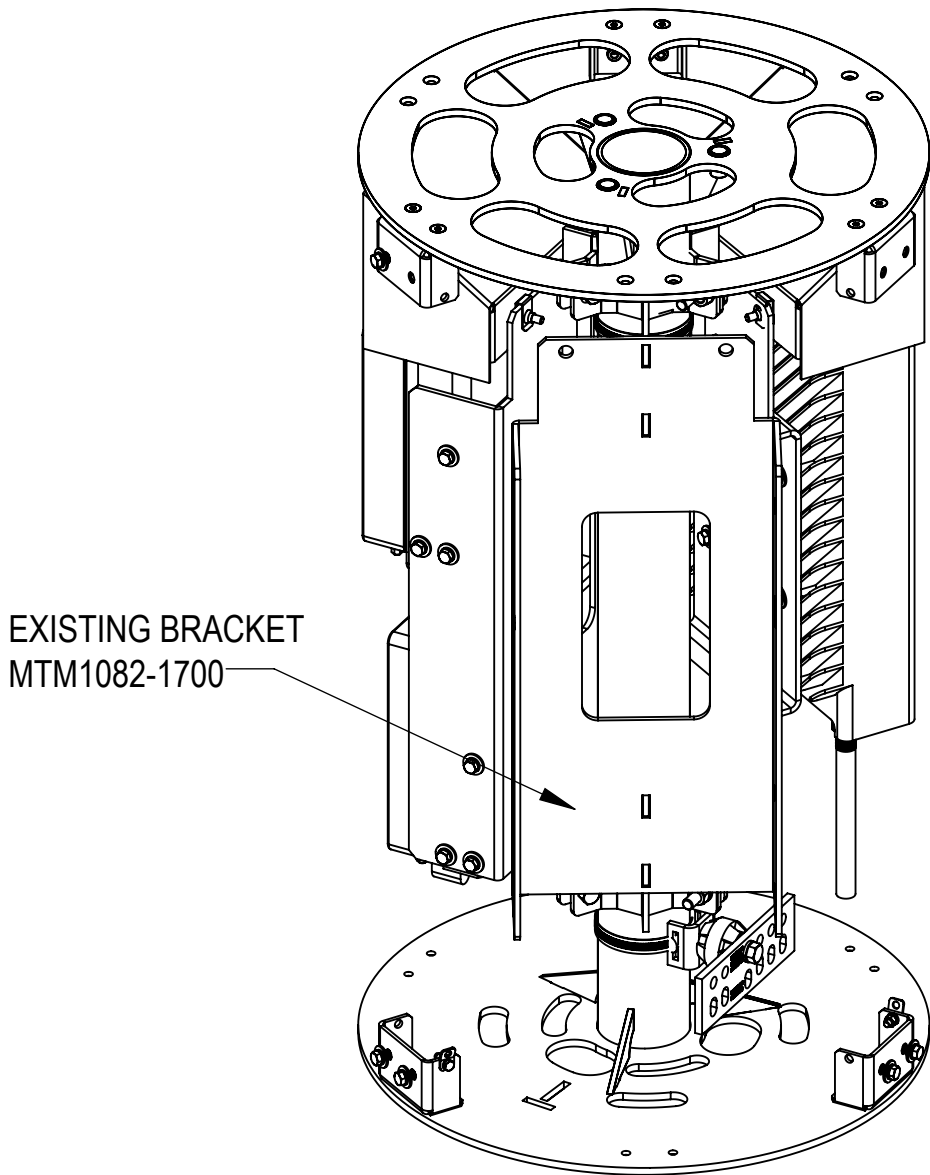
- RE-INSTALL COVERS
- TORQUE ALL M6 HARDWARE SCREWS TO 40.0 IN-LB OR 4.5 N-M

COMMSCOPE, INC. OF NORTH CAROLINA				
TITLE				
PT18, AMK, PTS-POWER-BRK-INSTALL				
SIZE	SCALE	DOCUMENT NO.		
A2	1:10	860664823-AMK-001-INSTALL		
		DRAWING		
		VERSION	STATUS	REVISION
		01	RE	B
				SHEET
				3 OF 5

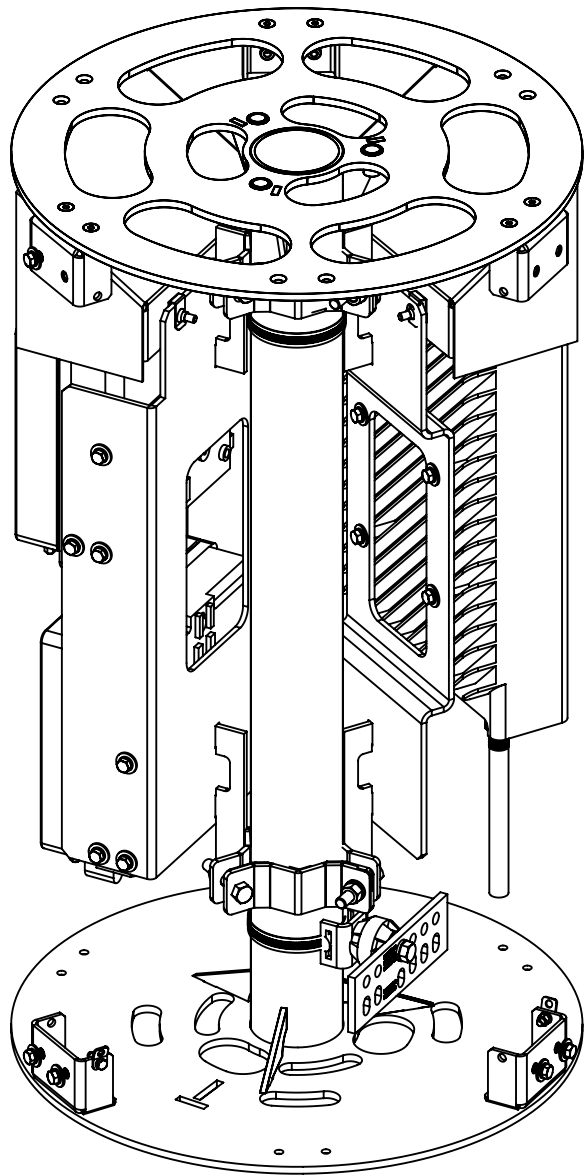
CONFIGURATION E3: PTS90124 (QTY 1); RRU 2203 (QTY 2); RRU 4435 (QTY 1)
CONFIGURATION E4: PTS90121 (QTY 1); RRU 2203 (QTY 2); RRU 4435 (QTY 1)



STEP 1
• REMOVE AND RETAIN
COVERS& HARDWARE



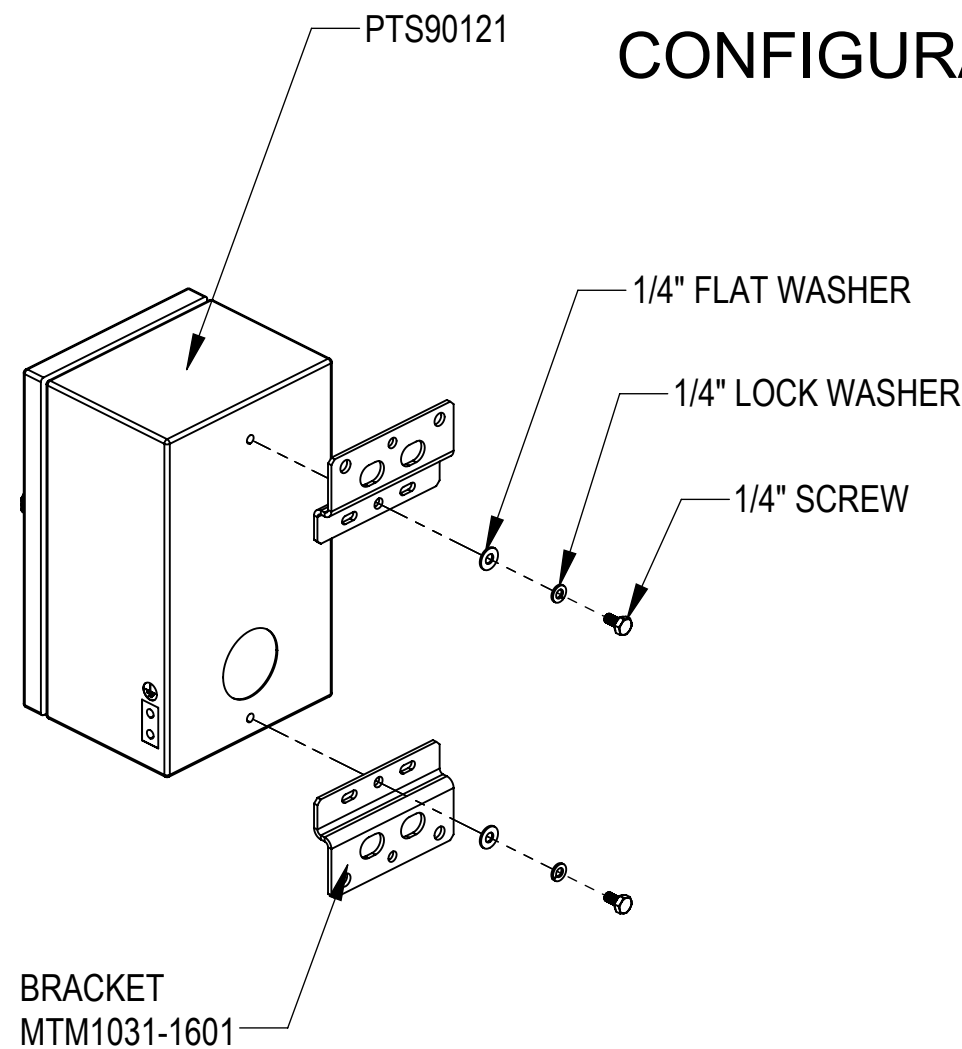
STEP 2
• REMOVE EXISTING BRACKET
MTM1082-1700 AND HARDWARE



STEP 3
•POLETOP 18" AFTER REMOVING TWO BRACKETS

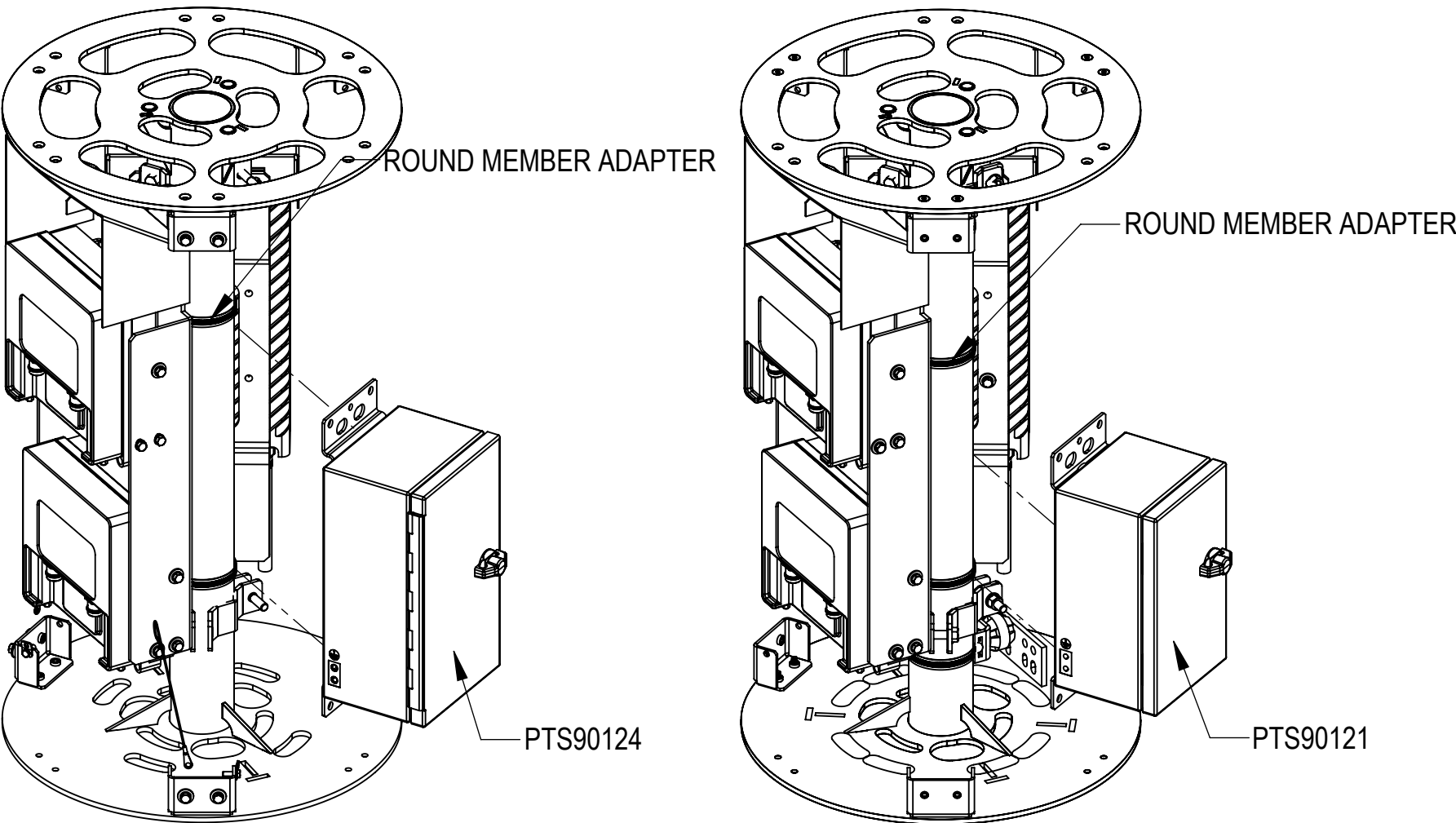
COMMSCOPE, INC. OF NORTH CAROLINA				
TITLE				
PT18, AMK, PTS-POWER-BRK-INSTALL				
SIZE	SCALE	DOCUMENT NO.		
A2	1:10	860664823-AMK-001-INSTALL		
		DRAWING		
		VERSION	STATUS	REVISION
		01	RE	B
				SHEET
				4 OF 5

CONFIGURATION E3: PTS90124 (QTY 1); RRU 2203 (QTY 2); RRU 4435 (QTY 1)
CONFIGURATION E4: PTS90121 (QTY 1); RRU 2203 (QTY 2); RRU 4435 (QTY 1)



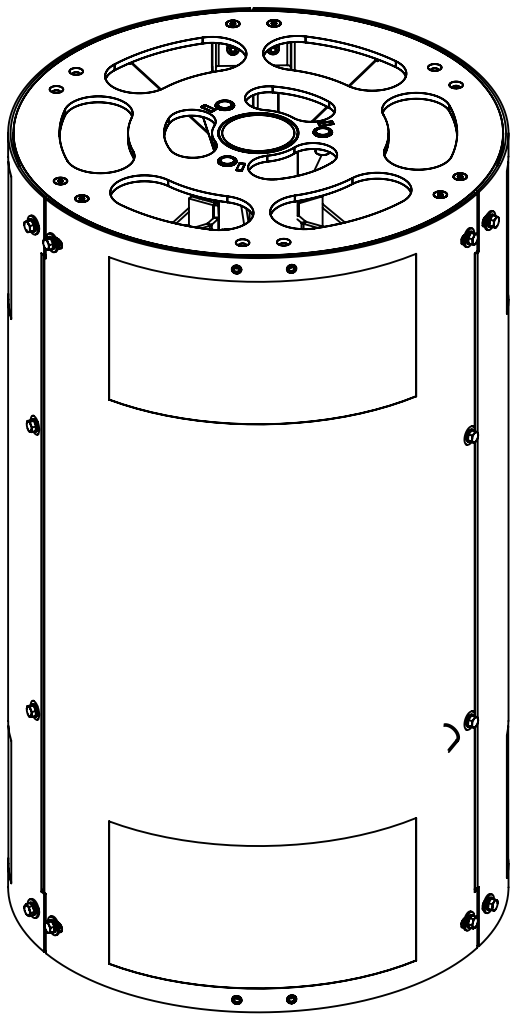
STEP 4

- CONFIG E3: INSTALL PTS90124 WITH BRACKET MTM1031-1601 (QTY 2) USING 2 SETS OF 1/4" HARDWARE (SCREWS, LOCK & FLAT WASHERS), PROVIDED IN HARDWARE BAG OF POLETOP SOLUTION AS SHOWN. TORQUE ALL 1/4" HARDWARE WITH 4.8 FT-LB OR 6.6 N-M
- CONFIG E4: INSTALL PTS90121 WITH BRACKET MTM1031-1601 (QTY 2) USING 2 SETS OF 1/4" HARDWARE (SCREWS, LOCK & FLAT WASHERS), PROVIDED IN HARDWARE BAG OF POLETOP SOLUTION AS SHOWN. TORQUE ALL 1/4 INCH HARDWARE SCREWS TO 4.8 FT-LB OR 6.6 N-M



STEP 5

- CONFI E3: INSTALL PTS90124 & BRACKET ASSEMBLY TO POLETOP WITH ROUND MEMBER ADAPTER AND CLAMP
- CONFI E4: INSTALL PTS90121 & BRACKET ASSEMBLY TO POLETOP WITH ROUND MEMBER ADAPTER AND CLAMP
- TORQUE BAND HOSE CLAMPS FOR ABOVE CONFIGURATIONS WITH 30-45 IN-LB



STEP 6

- RE-INSTALL COVERS
- TORQUE ALL M6 HARDWARE SCREWS TO 40.0 IN-LB OR 4.5 N-M

COMMSCOPE, INC. OF NORTH CAROLINA				
TITLE PT18, AMK, PTS-POWER-BRK-INSTALL				
SIZE A2	SCALE 1:10	DOCUMENT NO. 860664823-AMK-001-INSTALL		
		DRAWING		
		VERSION 01	STATUS RE	REVISION B
				SHEET 5 OF 5