



Manufactured by:
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14x14 RIDGELINE LOUVERED PERGOLA

MODEL #: 2600027



WARNING

Cancer and Reproductive Harm
www.P65Warnings.ca.gov



Please visit www.backyarddiscovery.com

For the most up to date assembly manual, to register your product, or to order replacement parts Para obtener instrucciones en español, visite www.backyarddiscovery.com



EASY STEP-BY-STEP

3D INTERACTIVE INSTRUCTIONS
DOWNLOAD THE FREE APP



INS-2600027-A-14x14 RIDGELINE LOUVERED PERGOLA-ENG 5-22-2026

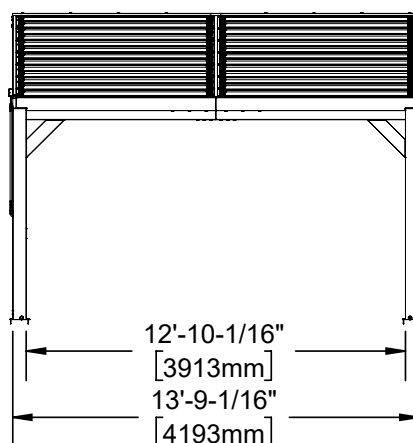
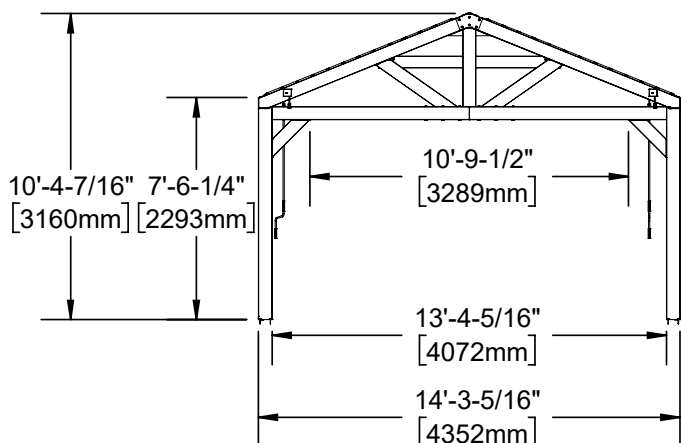
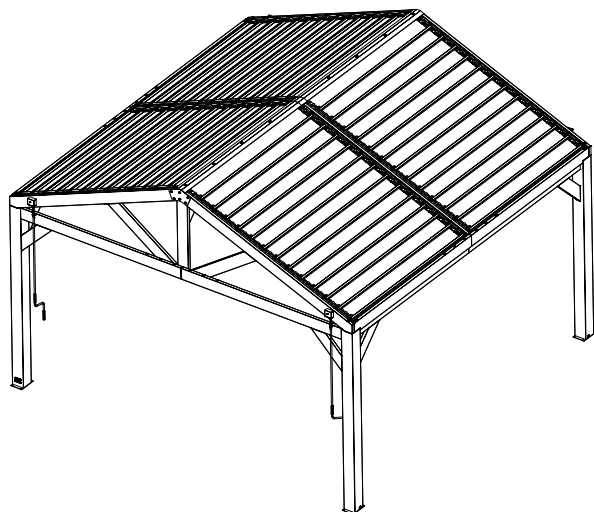
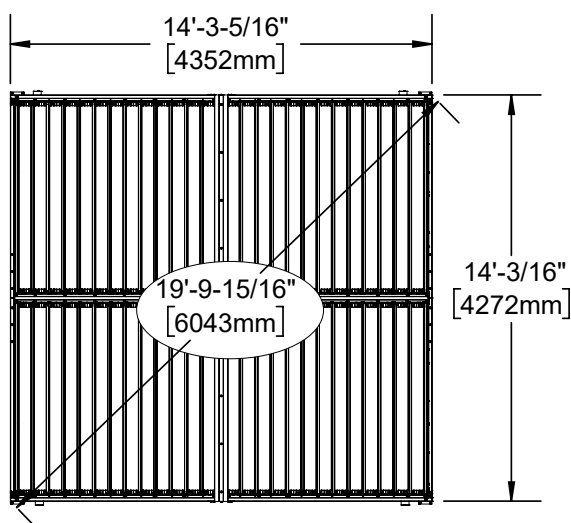
OWNER'S MANUAL - BASIC SETUP DIMENSIONS & ASSEMBLY NOTES

It is critically important that you start with square and level footings or concrete pad to attach your structure.

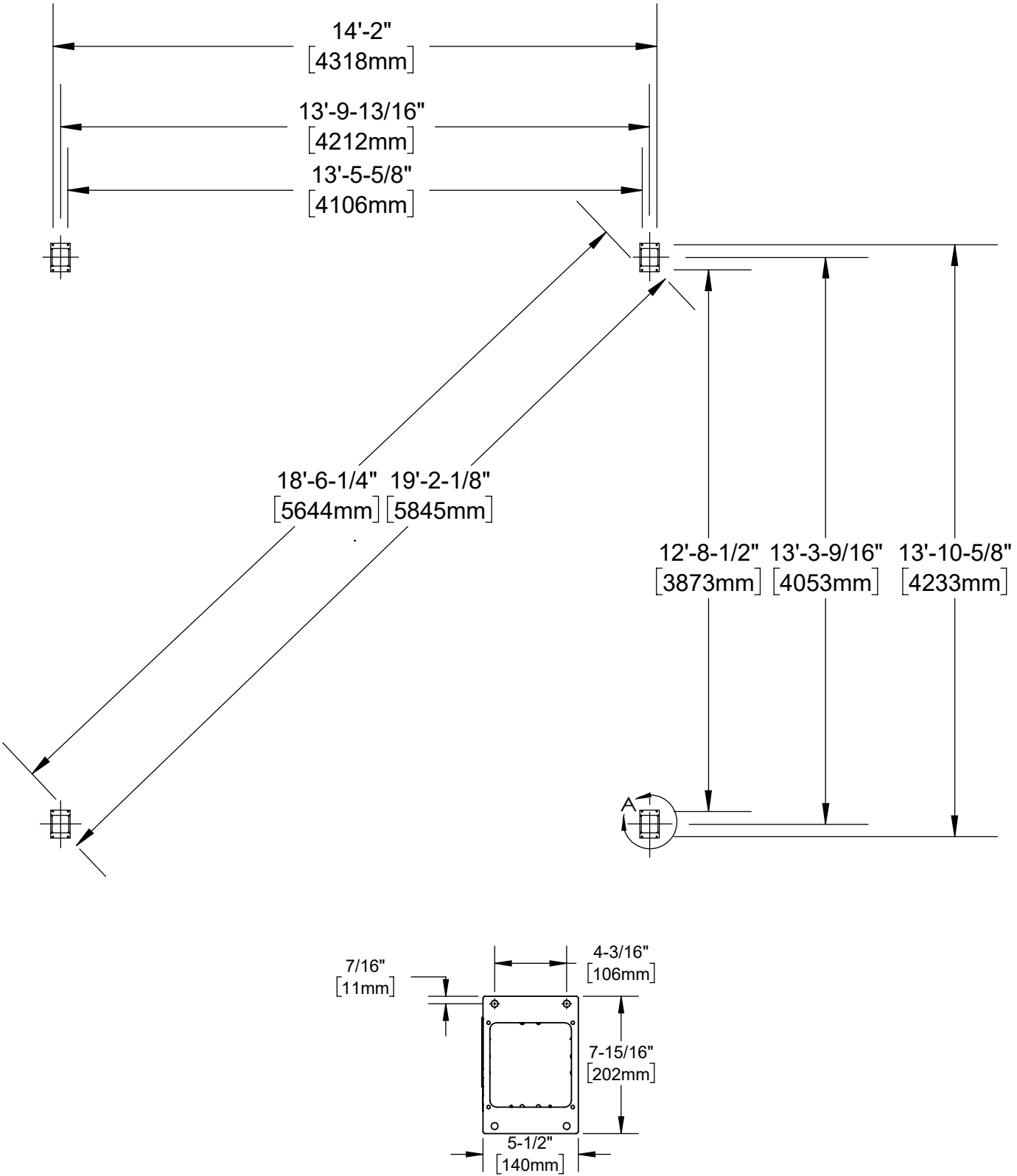
- Pay close attention to the items needed for each step. Make sure you are using the correct hardware for each step. Using incorrect hardware may result in improper assembly
- Remember to double check for underground utilities and overhead electrical lines

Post mounts are provided with your structure which allows you to permanently install your structure to a pre-existing or new wood or concrete surface. See Anchor Instructions for further details and recommendations.

- The hardware to attach the post mounts to the structure is included.
- The hardware to mount the structure permanently to a concrete surface is included.
- The hardware to mount the structure permanently to a wood deck is NOT included and will need to be purchased separately. You must ensure there is ample structural support under the deck before permanently attaching.



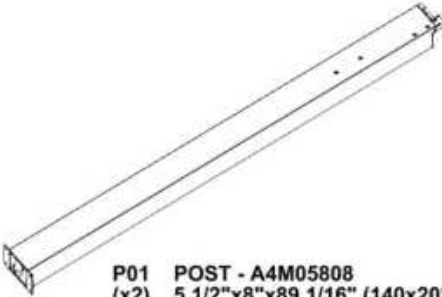
OWNER'S MANUAL - ANCHORING LAYOUT



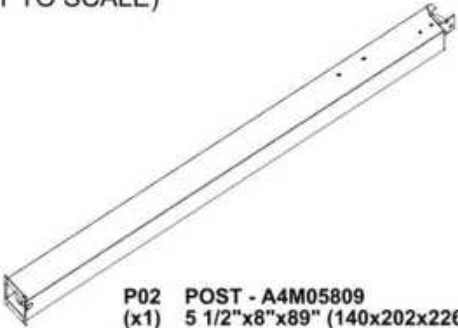
NOTE: DIMENSIONS ARE TO ANCHOR PLATES MOUNTED TO POSTS EXCEPT WHERE NOTED.

OWNER'S MANUAL - PARTS IDENTIFICATION

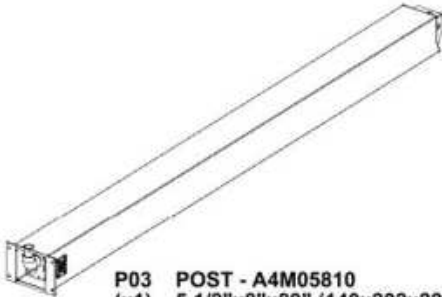
METAL COMPONENTS (NOT TO SCALE)



P01 POST - A4M05808
(x2) 5 1/2"x8"x89 1/16" (140x202x2262)



P02 POST - A4M05809
(x1) 5 1/2"x8"x89" (140x202x2262)



P03 POST - A4M05810
(x1) 5 1/2"x8"x89" (140x202x2262)



A4M07131 TRIANGLE BRACKET
(x1)



A4M07169 GUTTER APRON
(x4)



B01 BEAM - A4M05811
(x2) 1 7/16"x5 1/4"x80 1/8" (36x134x2035.50)



B02 BEAM - A4M05812
(x2) 1 7/16"x5 1/4"x80 1/8" (36x134x2035.50)



B05 GABLE ARM ASSEMBLY - A4M05815
(x2) 1 7/16"x5 1/4"x37 3/8" (36x134x949)



B06 GABLE ARM ASSEMBLY - A4M05816
(x2) 1 7/16"x5 1/4"x41 7/8" (36x134x1063.3)



B07 GABLE ARM ASSEMBLY - A4M05817
(x2) 1 7/16"x5 1/4"x41 7/8" (36x134x1063)



B09 GABLE BEAM ASSEMBLY - A4M05820
(x2) 1 7/16"x5 1/4"x93 3/16" (36x134x2367.5)



B10 GABLE BEAM ASSEMBLY - A4M05821
(x2) 1 7/16"x5 1/4"x93 3/16" (36x134x2367.5)



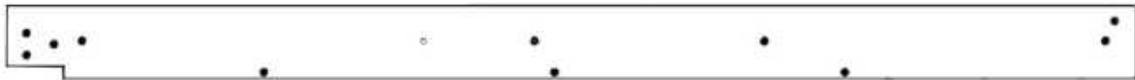
B11 GABLE BEAM ASSEMBLY - A4M05822
(x2) 4 1/8"x5 1/4"x91 3/4" (105x134x2330.9)



B15 BEAM - A4M06475
(x2) 1 7/16"x5 1/4"x81 1/8" (36x134x2060)

OWNER'S MANUAL - PARTS IDENTIFICATION

METAL COMPONENTS (NOT TO SCALE)



B16 BEAM - A4M06476
(x2) 1 7/16"x5 1/4"x81 1/8" (36x134x2060)



B17 BEAM - A4M06477
(x2) 1 7/16"x4 13/16"x77" (36x122x1956)



B18 BEAM - A4M06478
(x2) 1 7/16"x4 13/16"x77" (36x122x1956)



B19 RIDGE BEAM ASSEMBLY - A4M06481
(x1) 1 7/16"x5 1/4"x82 1/2" (36x134x2096)



B20 RIDGE BEAM ASSEMBLY - A4M06482
(x1) 1 7/16"x5 1/4"x82 1/2" (36x134x2096)



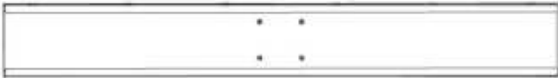
B27 SUPPORT BEAM - A4M07132
(x1) 1 7/16"x4 13/16"x73 11/16" (36x122x1872)



J6 SPLICE BRACKET - A4M03806
(x2) 19 11/16"x4 11/16"x1 1/4" (32.5x118.5x500)



J1 SPLICE BRACKET - A4M02230
(x4) 1 5/16"x5 3/16"x39 3/8" (33.2x131.2x1000)



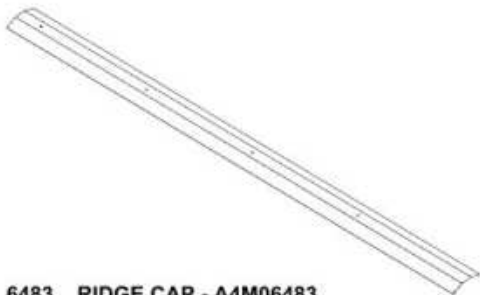
J15 SPLICE BRACKET - A4M06330
(x1) 1 5/16"x5 3/16"x39 3/8" (33.2x131.2x1000)



F01 FLAT BAR - A4M05834
(x8) 1/16"x1"x88 1/4" (2x25x2241.00)



F02 LOUVER TIE STRAP - A4M02130
(x8) 1/8"x13/16"x81 9/16" (3x20x2072)



6483 RIDGE CAP - A4M06483
(x2) 3/4"x5 3/8"x82 3/8" (19x137x2093)



L06 LOUVER - A4M06474
(x52) 1 11/16"x7 3/4"x80" (42x196.2x2031.5)

OWNER'S MANUAL - PARTS IDENTIFICATION

METAL COMPONENTS (NOT TO SCALE)



M01 LOUVER MOUNT - A4M05830
(x2) 1"x1 15/16"x88 1/4" (25x49x2241)



M02 LOUVER MOUNT - A4M05831
(x2) 1"x1 15/16"x88 1/4" (25x49x2241)



M03 LOUVER MOUNT - A4M05832
(x2) 1"x1 15/16"x88 1/4" (25x49x2241)



M04 LOUVER MOUNT - A4M05833
(x2) 1"x1 15/16"x88 1/4" (25x49x2241)



G01 GUTTER - A4M05827
(x2) 1 9/16"x2 11/16"x84 1/4" (40x69x2140)



G02 GUTTER - A4M05828
(x2) 1 9/16"x2 11/16"x84 3/16" (40x69x2138)



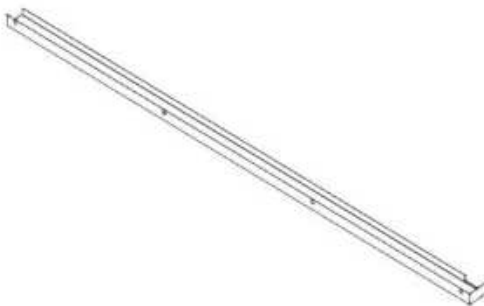
G05 GUTTER - A4M06328
(x2) 1 11/16"x3 1/8"x87 5/16" (43x80x2218)



G06 GUTTER - A4M06329
(x2) 1 11/16"x3 1/8"x87 5/16" (43x80x2218)



G07 GUTTER - A4M06479
(x2) 1 15/16"x2 11/16"x76 1/2" (50x69x1943)



G08 GUTTER - A4M06480
(x2) 1 3/4"x2 11/16"x76 1/2" (50.00x69x1943)

OWNER'S MANUAL - PARTS IDENTIFICATION

METAL COMPONENTS (NOT TO SCALE)



C01 CORBEL ASSEMBLY - A4M03525
(x4) 21 13/16"x5 1/4"x2 3/4" (70x134x553.5)



C02 CORBEL ASSEMBLY - A4M03526
(x4) 21 13/16"x5 1/4"x2 3/4" (70x134x553.5)



C03 CORBEL ASSEMBLY - A4M03527
(x2) 23 3/8"x12"x1 7/16" (36x304x593)



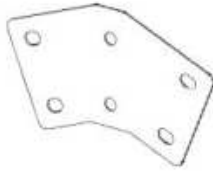
5826 RIDGE CAP SPLICE - A4M05826
(x1) 7/8"x3 15/16"x5 1/2" (21.5x139x100)



L02 LOUVER DRIVE SIDE PLATE - A4M04139
(x4) 1/16"x2 3/16"x6 9/16" (2x55x167)



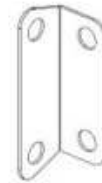
L03 LOUVER SIDE PLATE - A4M04138
(x100) 1/16"x2 3/16"x6 9/16" (2x55x167)



J3 GABLE BRACKET - A4M05824
(x2) 1/16"x6 9/16"x10 15/16" (2x167x277)



J4 BEAM BRACKET - A4M02990
(x6) 1"x1 5/16"x5 1/16" (25x33.2x128)



J8 GABLE BRACKET - A4M03804
(x4) 4 13/16"x1 9/16"x1 9/16" (40x40x123)



J9 BEAM BRACKET - A4M03807
(x4) 5 9/16"x1 5/16"x4 9/16" (140.57x33.20x116)



J10 SUPPORT RING - A4M03808
(x8) 13/16"x7/16" (11x20x)



A4M01352 HOLE COVER
(x28)



F03 LINKAGE STRAP - A4M02229
(x4) 1/2"x11/16"x3 13/16" (13x17x97)



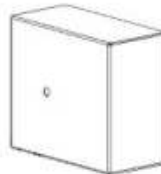
F04 LINKAGE STRAP - A4M02225
(x4) 1/8"x13/16"x2 5/8" (3x20x66)



F05 KEY STOCK - A4M02226
(x4) 1/2"x1/2"x3 3/4" (13.0x13.0x95)



F06 SPACER - A4M02227
(x4) 1/16"x2 3/16"x2 3/4" (1.5x56x70)



F07 COVER - A4M02228
(x4) 1 9/16"x2 7/8"x3 1/4" (39.5x73x82)



9250154 ELECTRICAL ENCLOSURE
(x1)



H01 HANDLE - A4M04022
(x2)



L04 LOUVER MECHANISM - A4M02132
(x4)



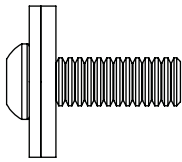
A6P01531 10 OZ SILICONE TUBE
(x2)



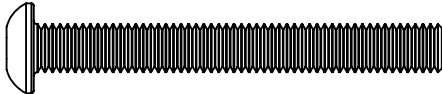
H101464 CAULK GUN
(x1)

OWNER'S MANUAL - PARTS IDENTIFICATION

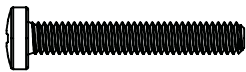
HARDWARE COMPONENTS



H101202 | TORX PAN HEAD
(x384) | 1/4-20x3/4 ASSY



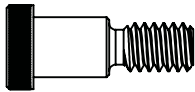
H101126 | TORX PAN HEAD
(x16) | 1/4-20x2 1/8" BLK



H101187 | BOLT PPH
(x4) | 8-32x1 1/8"



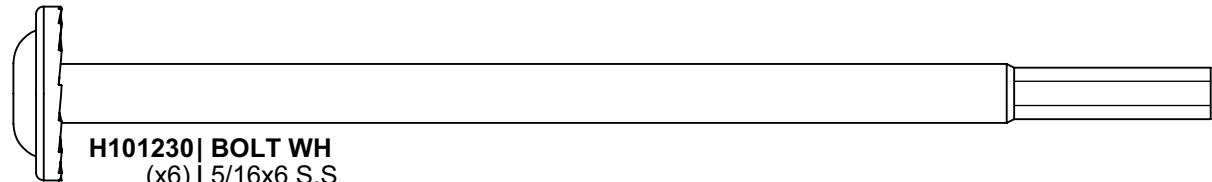
H101101 | TORX PAN HEAD
(x4) | 1/4-20x3/4" BLK



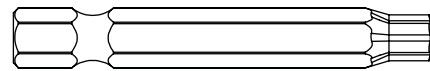
H101189 | LOW PROFILE SHOULDER BOLT
(x8) | 1/4-20x3/8"



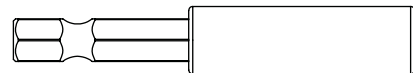
H101227 | BOLT WH
(x8) | 5/16x5 1/4 S.S



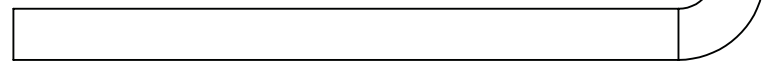
H101230 | BOLT WH
(x6) | 5/16x6 S.S



H100147 | TORX BIT
(x1) | T-30



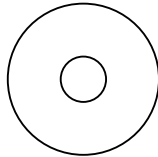
H101100 | MAGNETIC DRIVER
(x1) |



H100114 | TORX BIT
(x1) | T-30



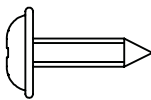
H101293 | TORX PAN HEAD
(x8) | 1/4-20x1 3/8"



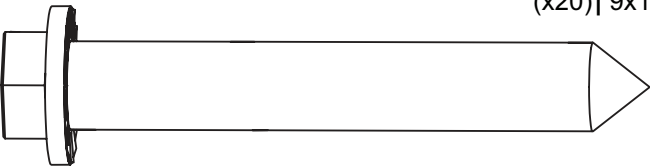
H101053 | STEEL WASHER
(x8) | 6x20



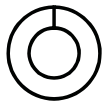
H101103 | TORX SOCKET SCREW
(x28) | 1/4-20



H100408 | SCREW PWH
(x208) | 8x5/8 BLK



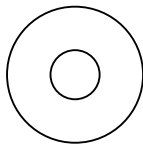
H101165 | CONCRETE ANCHOR
(x16) | 3/8x3" BLK



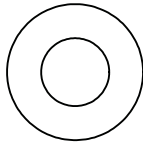
H100774 | WASHER SPLIT
(x4) | 1/4 BLK



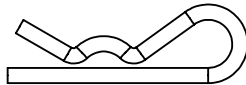
H100653 | NUT LOCK
(x8) | 1/4 BLK



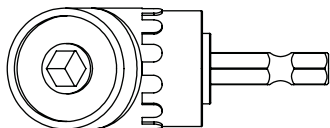
H101054 | SEALANT WASHER
(x8) | 6.5x18



H100474 | WASHER FLAT
(x20) | 9x19 BLK



H101161 | COTTER PIN
(x104) |



**H101114 | RIGHT ANGLE
DRILL ADAPTER**
(x1) |

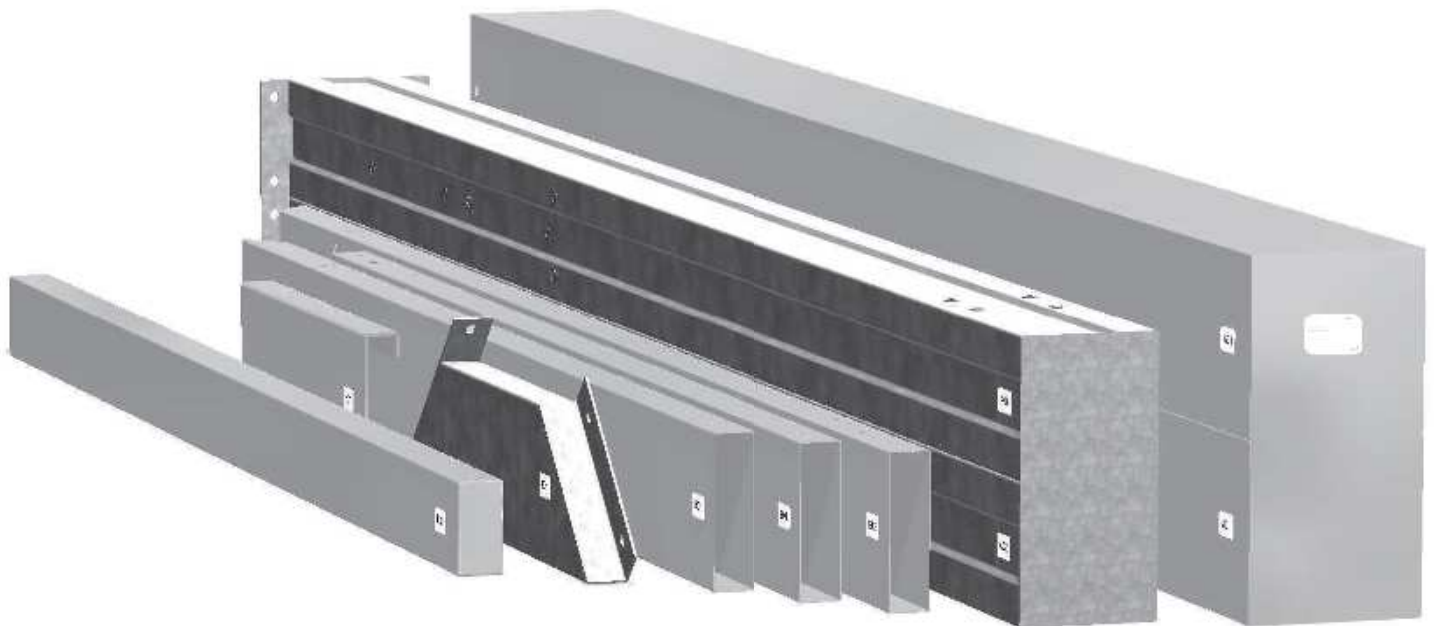
PRE-ASSEMBLY STEP 1 - SORTING PARTS

It is critical for ease of assembly that you take the time to sort and organize the parts and hardware.

METAL PARTS:

- Organize metal parts by the three-digit, alpha-numeric number stamped on each bag (ex. P01).
- If there are multiple parts with the same stamped number, stack those pieces together.
- Stamps can be found on the flat surface of the parts or on the end of the parts.
- Allow yourself plenty of room - the parts can take up a significant amount of space.

NOTE: CARTONS ARE NOT ORGANIZED BY PART OR STEP NUMBER.



HARDWARE PARTS:

- We recommend that you have a separate table to organize the hardware.
- Hardware bags are printed with a seven-digit, alpha-numeric part number.
- You can organize your hardware by part number or group by hardware type (e.g. bolts, nuts, etc.).
- During assembly you only need to reference the last four digits of the number.



PRE-ASSEMBLY STEP 2 - TOOLS REQUIRED



Cordless Drill or
Electric Drill



Drill Attachments:
Phillips Head



1/8", 3/16", 3/8" &
7/16" Drill Bits



Phillips Screw Driver



Open End Wrench
7/16"



3/8" Drive Ratchet, 1/2" &
7/16" STD Sockets 1/2" & 7/16"
Deep Sockets



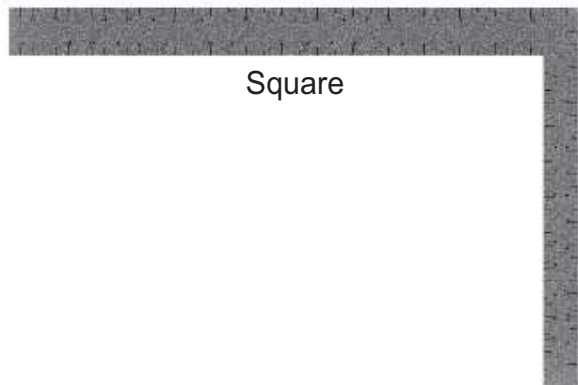
Claw Hammer



Rubber Mallet -
Optional



Tape Measure



Square

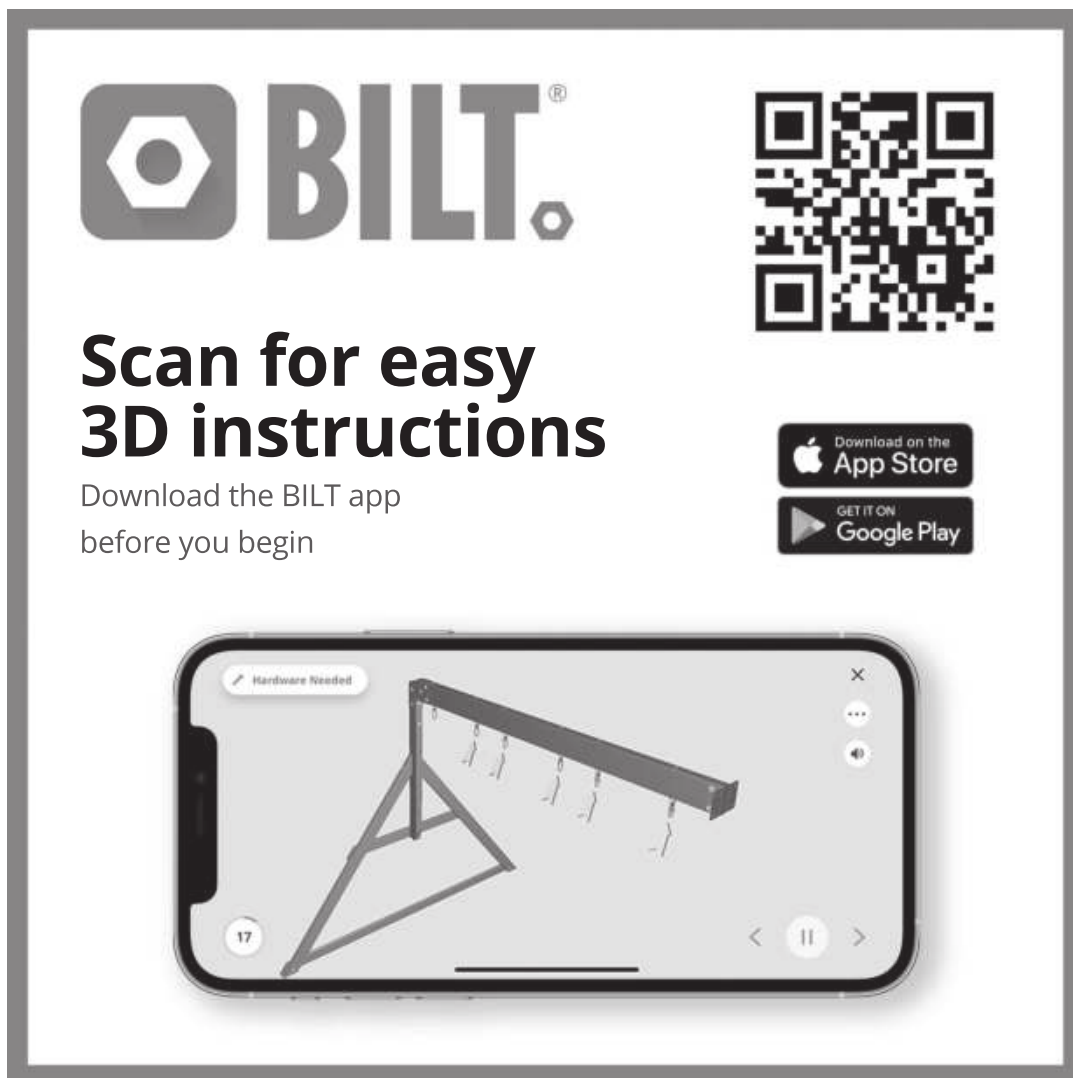


Level 24"

PRE-ASSEMBLY STEP 3 - CHOOSE YOUR ASSEMBLY METHOD

There are several types of assembly instructions available to you.

1. Printed Assembly Manual included with your set
2. BILT APP - 3D interactive instructions
3. Combination of the Printed Manual and BILT APP (Note: Step numbers can differ between the two methods)



The graphic is a promotional banner for the BILT app. It features the BILT logo at the top left, which consists of a hexagonal icon with a smaller hexagon inside, followed by the word "BILT." in a bold, sans-serif font. To the right of the logo is a square QR code. Below the logo, the text "Scan for easy 3D instructions" is written in a large, bold, sans-serif font. Underneath this, in a smaller font, it says "Download the BILT app before you begin". To the right of this text are two buttons: "Download on the App Store" with the Apple logo and "GET IT ON Google Play" with the Google Play logo. At the bottom of the graphic is a smartphone displaying the BILT app interface. The app shows a 3D model of a structure being assembled, with a "Hardware Needed" label at the top left. The number "17" is visible in the bottom left corner of the app screen, and there are navigation icons (back, pause, forward) at the bottom right.

STEP 1 - BEAM ASSEMBLY

Qty	PartNo	Description
6	H101202	TORX PAN HEAD 1/4-20x3/4 ASSY

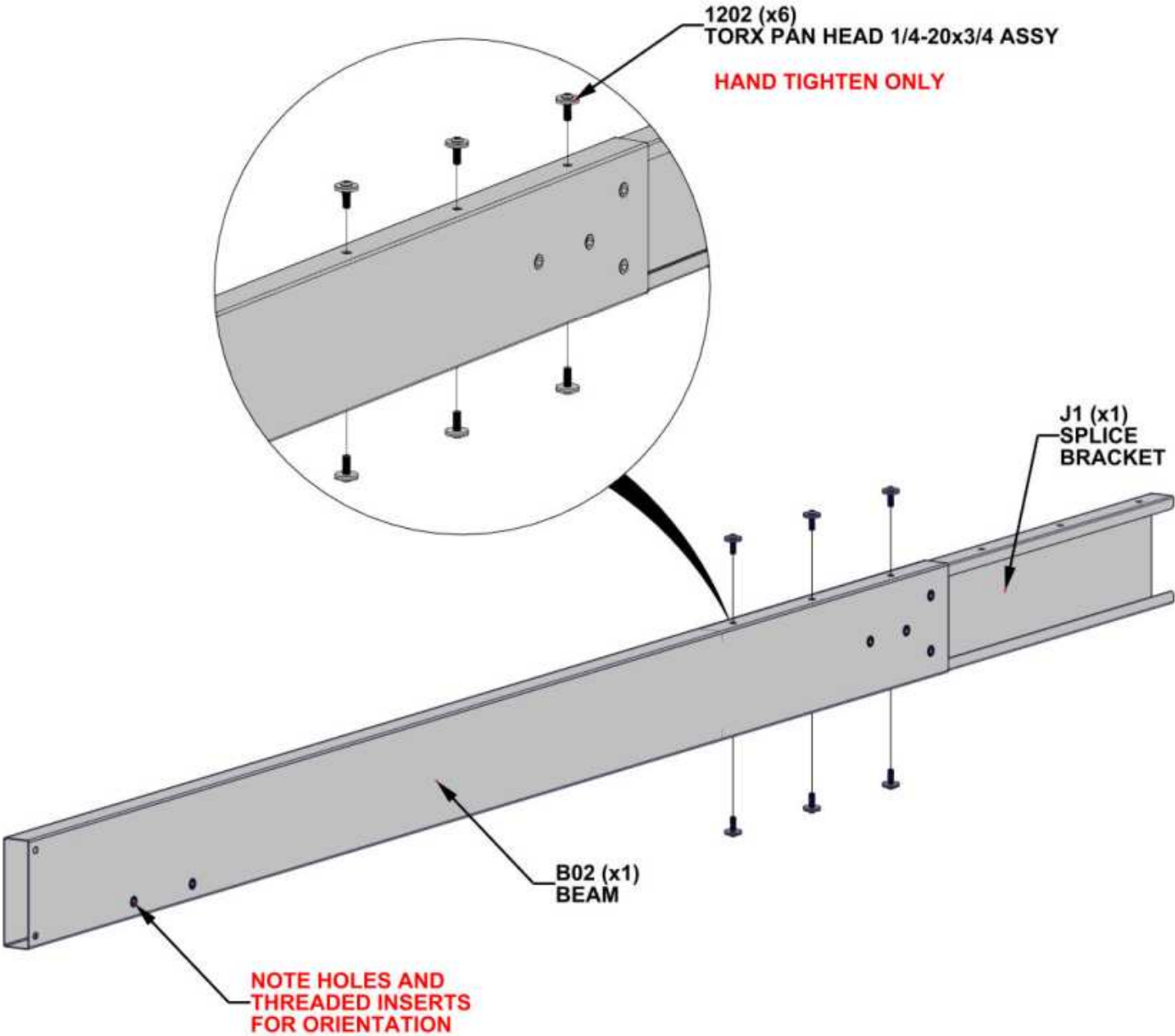


B02 BEAM - A4M05812
(x1) 1 7/16"x5 1/4"x80 1/8" (36x134x2035.50)



J1 SPLICE BRACKET - A4M02230
(x1) 1 5/16"x5 3/16"x39 3/8" (33.2x131.2x1000)

- BEAM AND SPLICE MUST BE ORIENTED
AS SHOWN. SLIDE J1 INTO B02
AND LINE UP THREE HOLES TOP AND BOTTOM



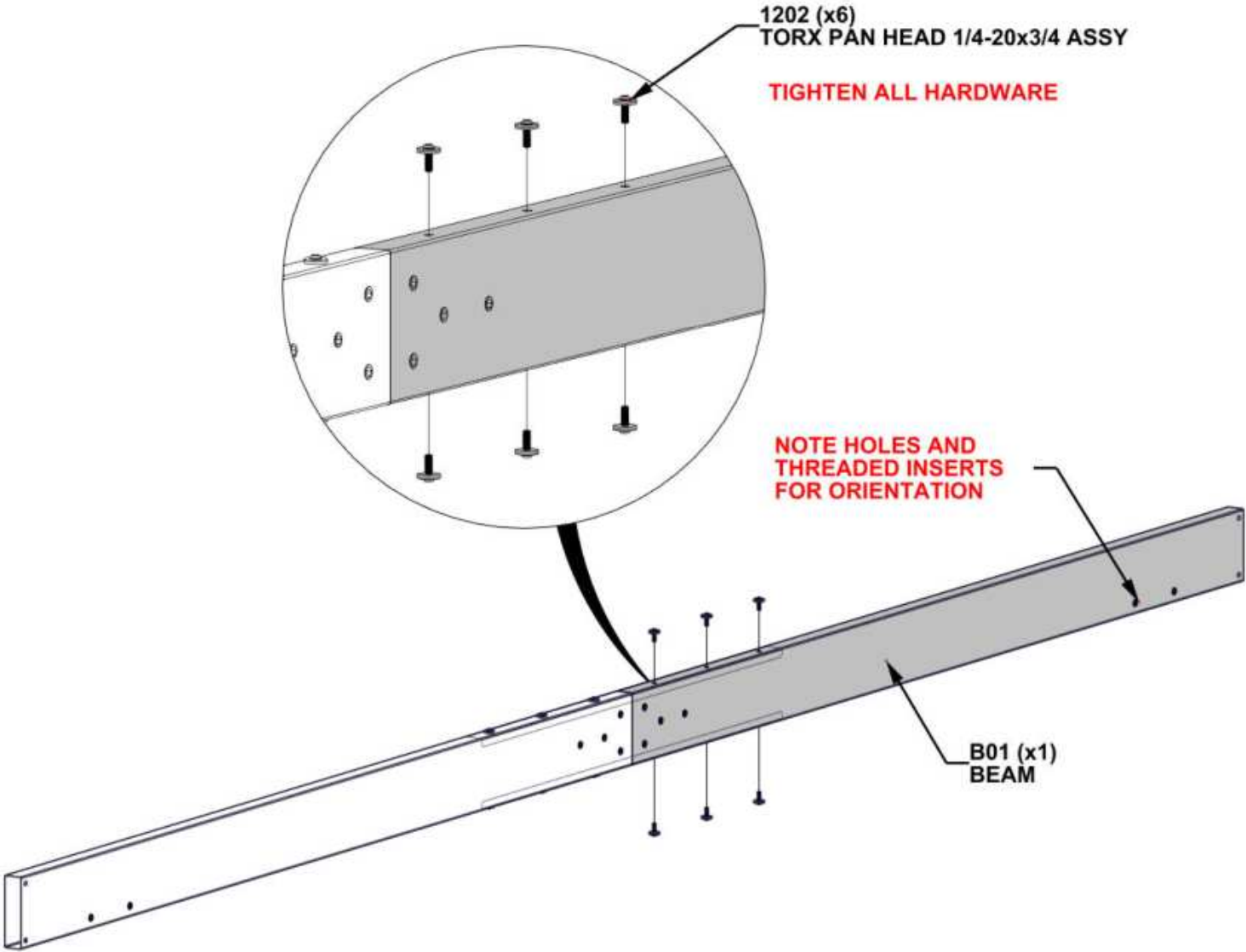
STEP 2 - BEAM ASSEMBLY

Qty	PartNo	Description
6	H101202	TORX PAN HEAD 1/4-20x3/4 ASSY



B01 BEAM - A4M05811
(x1) 1 7/16"x5 1/4"x80 1/8" (36x134x2035.50)

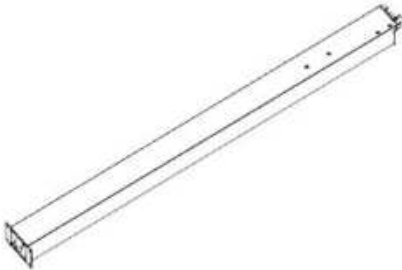
- SLIDE B01 ONTO SPLICE BRACKET.
GENTLY TAP ENDS OF ASSEMBLY WITH
RUBBER Mallet UNTIL GAP CLOSES.



**REPEAT BEAM ASSEMBLY
STEPS 1 THROUGH 2**

STEP 3 - POST ASSEMBLY

Qty	PartNo	Description
4	H101202	TORX PAN HEAD 1/4-20x3/4 ASSY



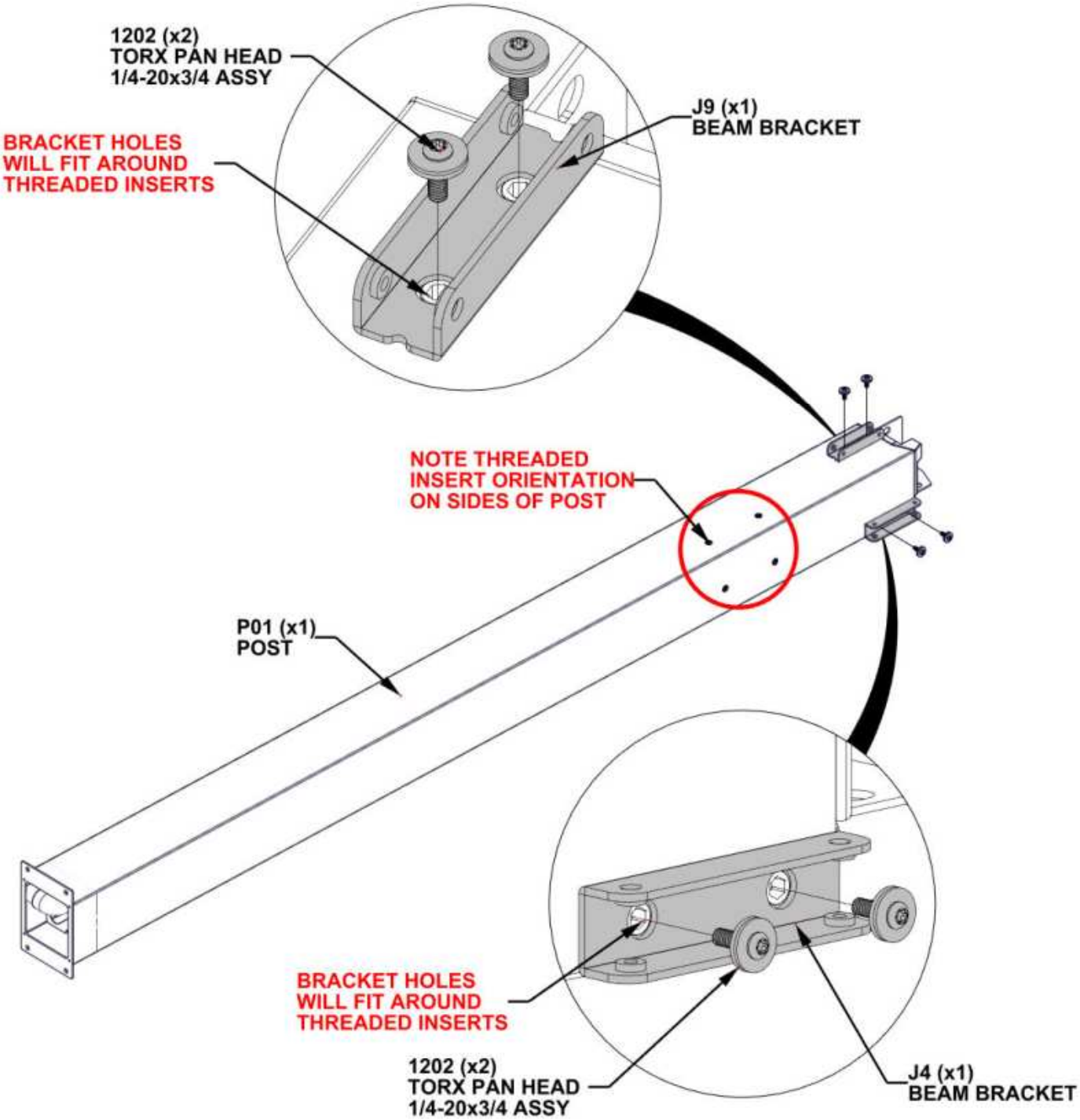
P01 POST - A4M05808
(x1) 5 1/2"x8"x89 1/16" (140x202x2262)



J4 BEAM BRACKET - A4M02990
(x1) 1"x1 5/16"x5 1/16" (25x33.2x128)



J9 BEAM BRACKET - A4M03807
(x1) 5 9/16"x1 5/16"x4 9/16" (140.57x33.20x116)



STEP 4 - POST ASSEMBLY

Qty	PartNo	Description
4	H101202	TORX PAN HEAD 1/4-20x3/4 ASSY



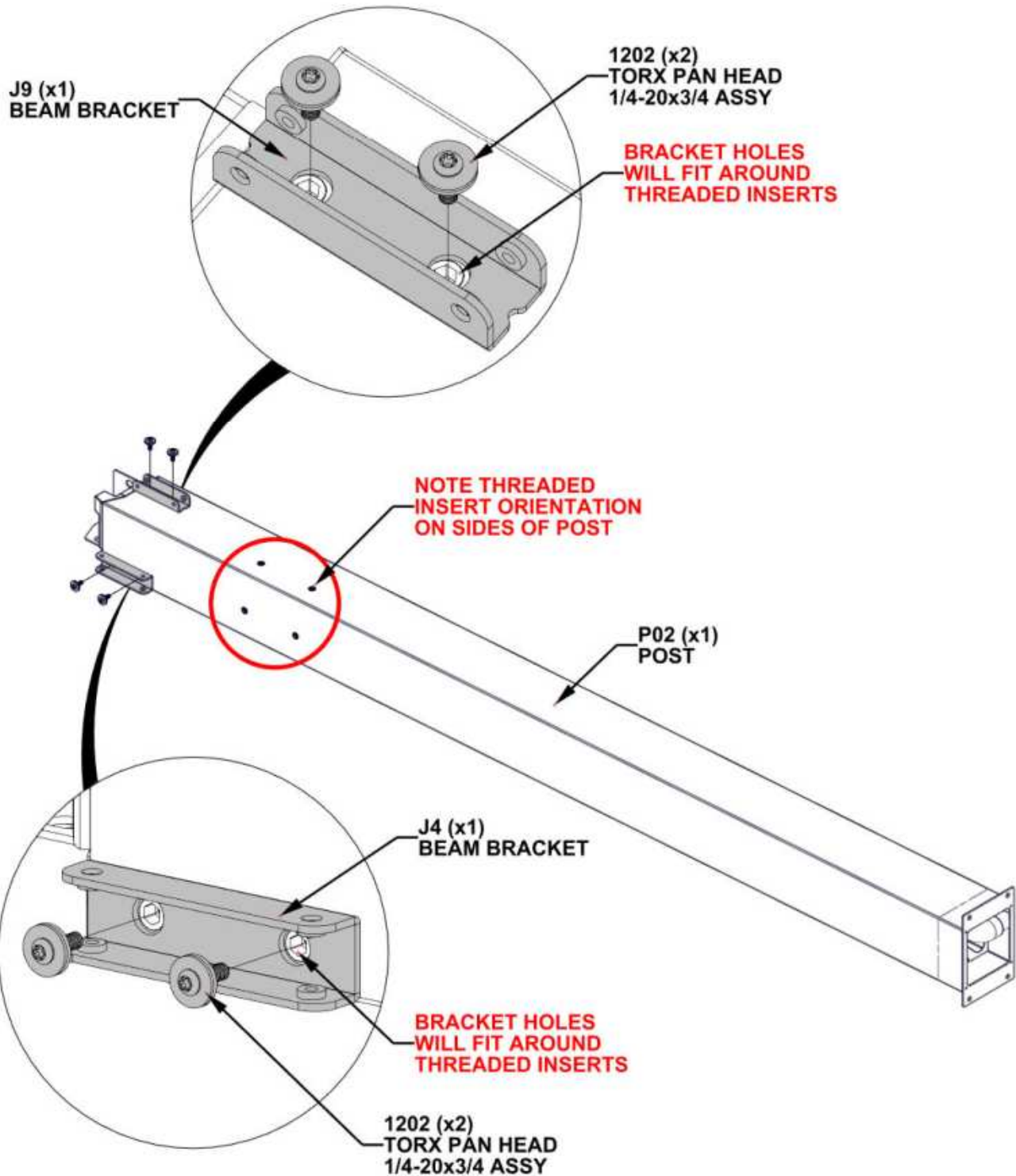
P02 POST - A4M05809
(x1) 5 1/2"x8"x89" (140x202x2262)



J4 BEAM BRACKET - A4M02990
(x1) 1"x1 5/16"x5 1/16" (25x33.2x128)



J9 BEAM BRACKET - A4M03807
(x1) 5 9/16"x1 5/16"x4 9/16" (140.57x33.20x116)

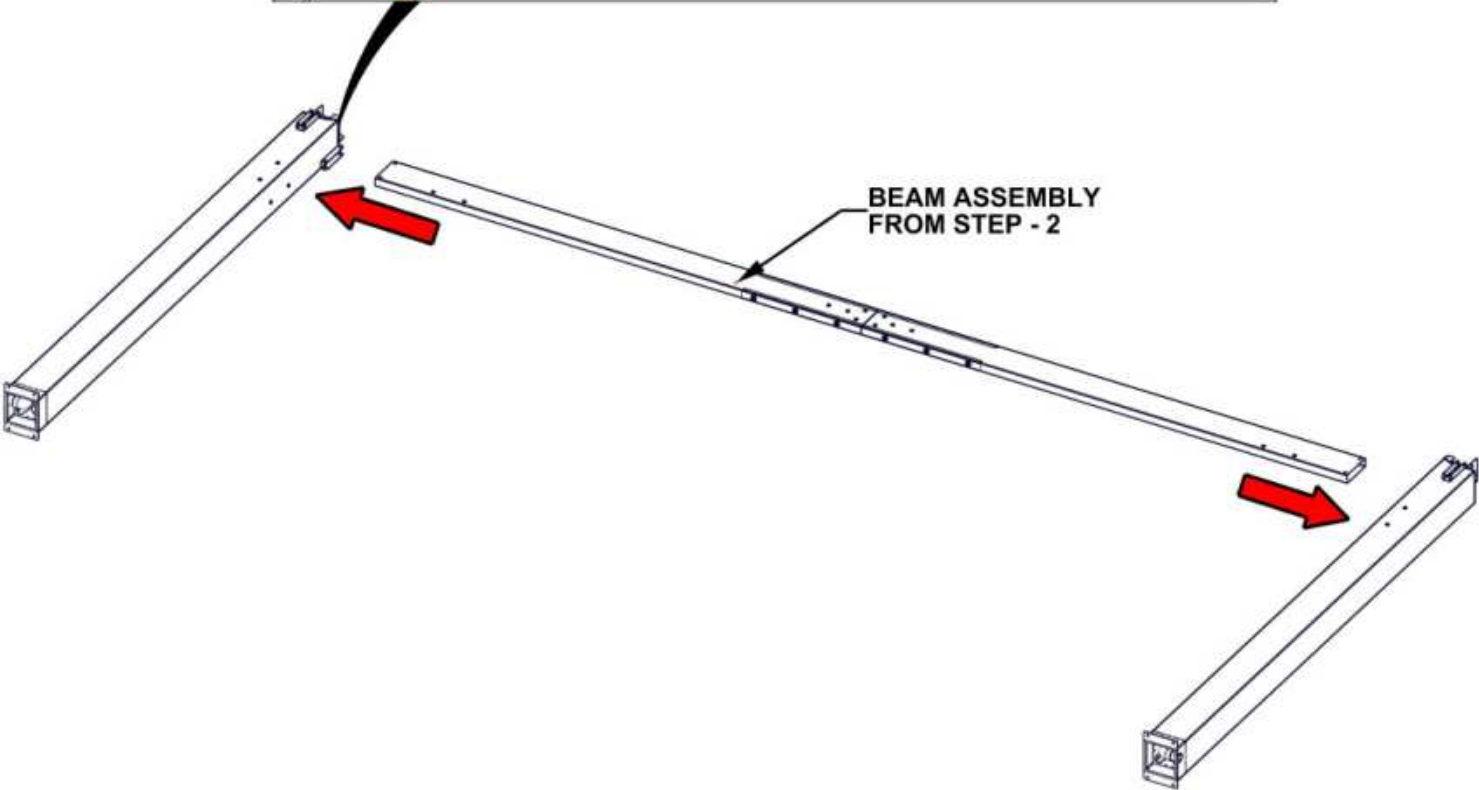
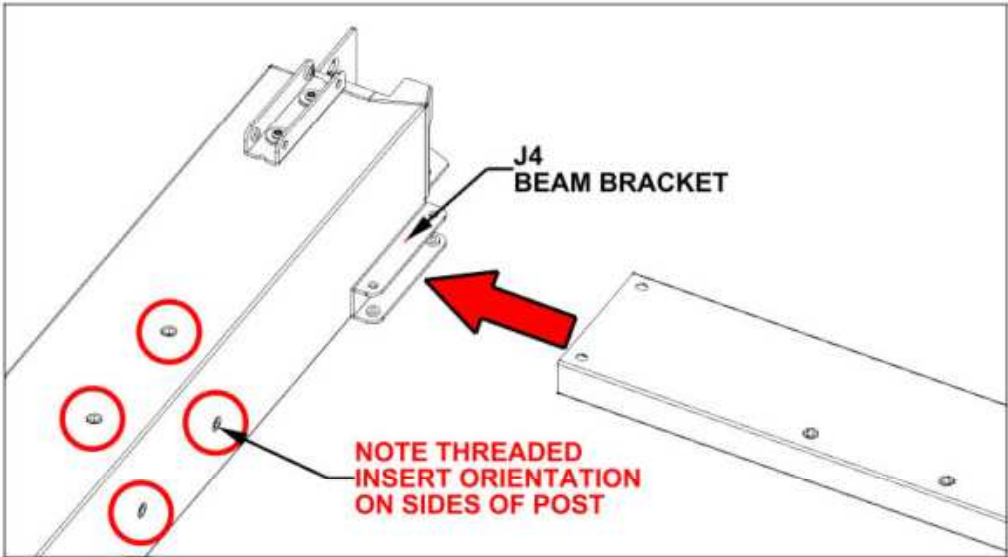


STEP 5 - FRAME ASSEMBLY



BEAM ASSEMBLY FROM STEP - 2

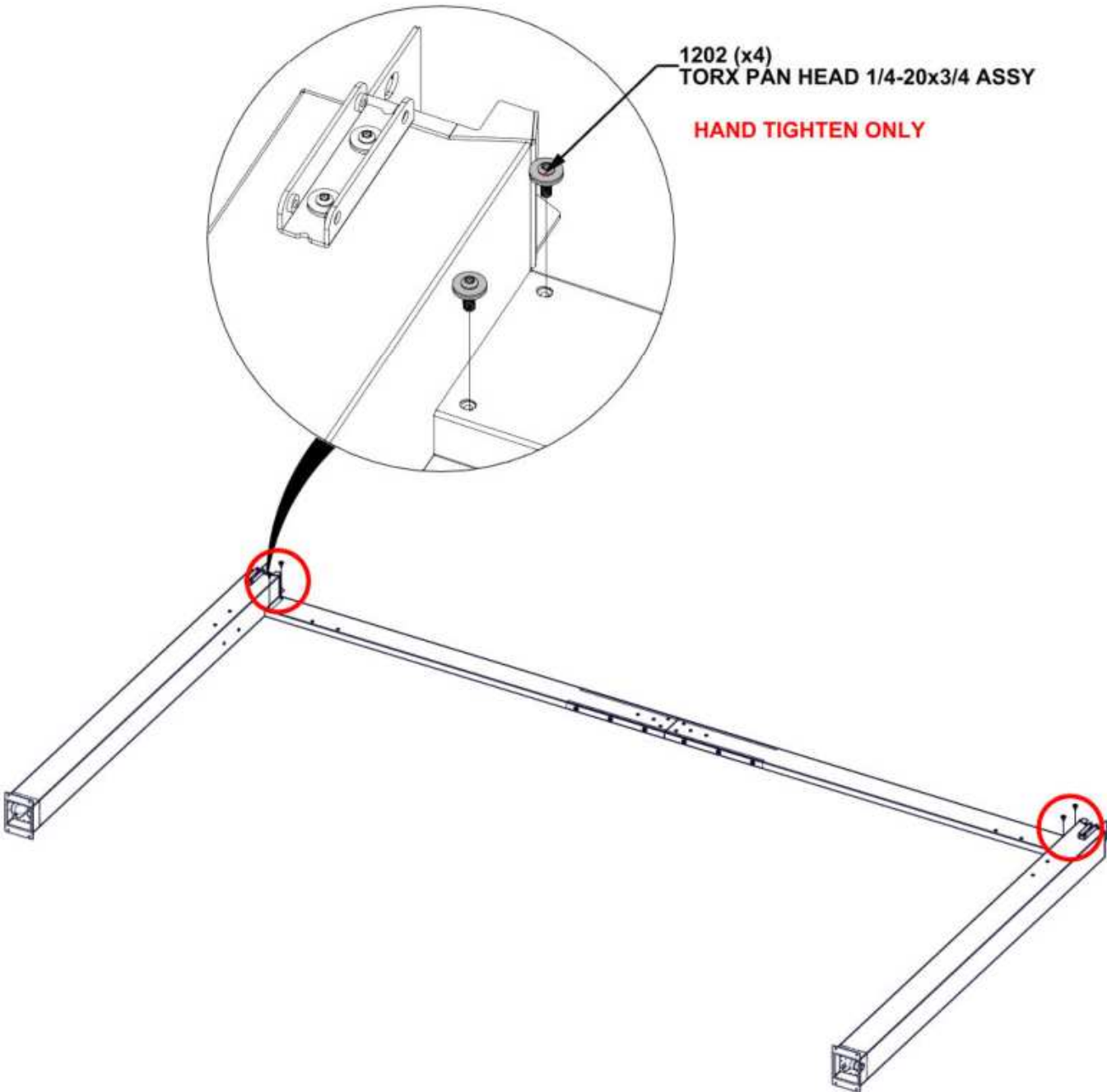
- INSERT BEAM ASSEMBLY INTO BEAM BRACKET ON EACH POST AS SHOWN.



STEP 6 - FRAME ASSEMBLY

Qty	PartNo	Description
4	H101202	TORX PAN HEAD 1/4-20x3/4 ASSY

- ATTACH AS SHOWN.



STEP 7 - FRAME ASSEMBLY

Qty	PartNo	Description
8	H101202	TORX PAN HEAD 1/4-20x3/4 ASSY



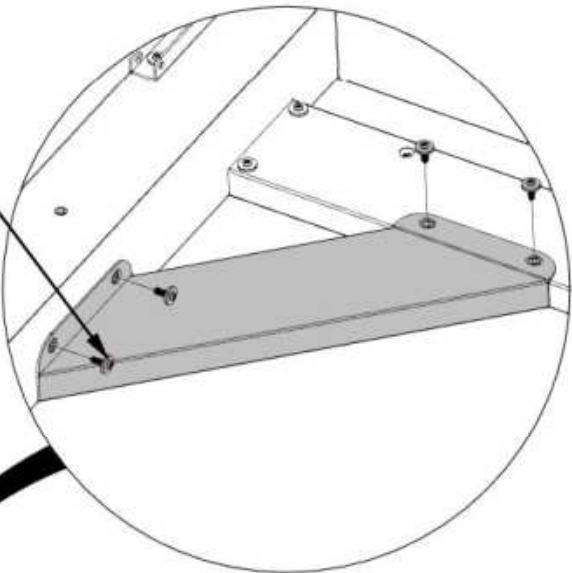
C01 CORBEL ASSEMBLY - A4M03525
(x1) 21 13/16"x5 1/4"x2 3/4" (70x134x553.5)



C02 CORBEL ASSEMBLY - A4M03526
(x1) 21 13/16"x5 1/4"x2 3/4" (70x134x553.5)

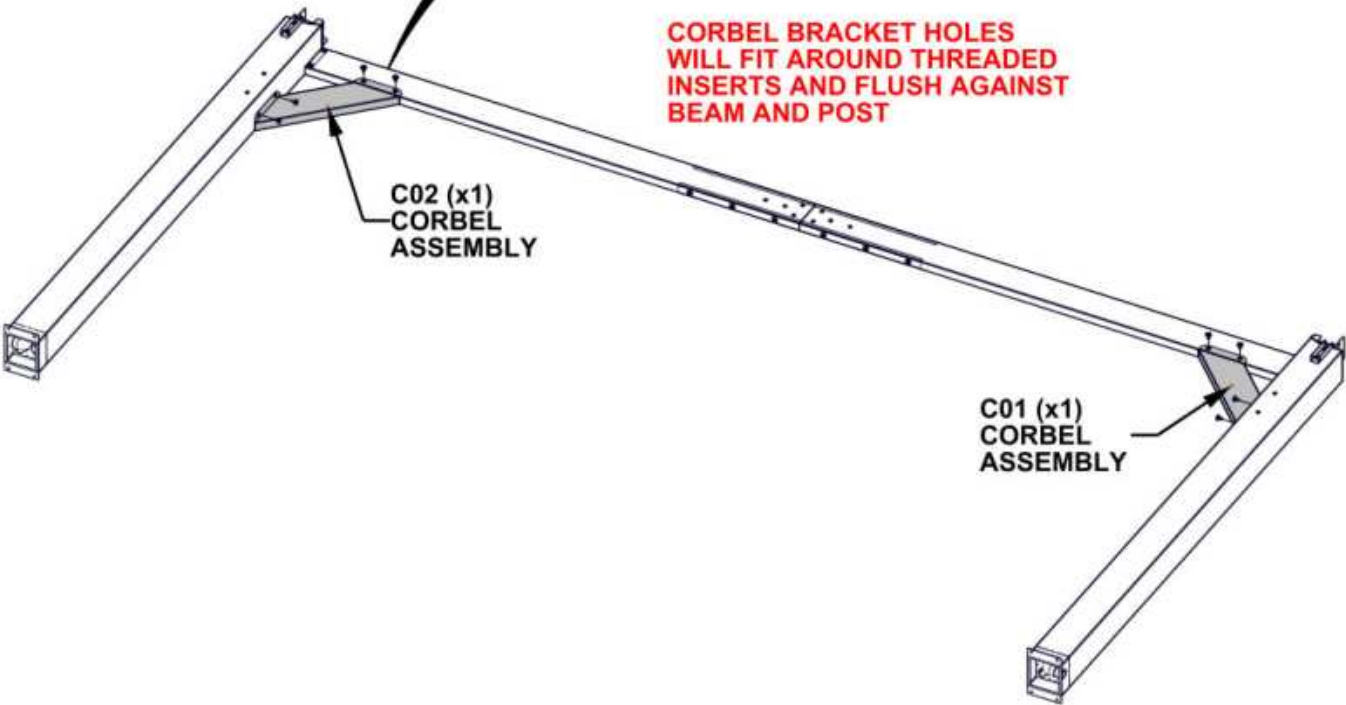
- ATTACH CORBELS TO BEAM AND POST.
- SQUARE AS NEEDED AND TIGHTEN ALL HARDWARE FROM PREVIOUS STEPS.

1202 (x8)
TORX PAN HEAD 1/4-20x3/4 ASSY



CORBEL BRACKET HOLES
WILL FIT AROUND THREADED
INSERTS AND FLUSH AGAINST
BEAM AND POST

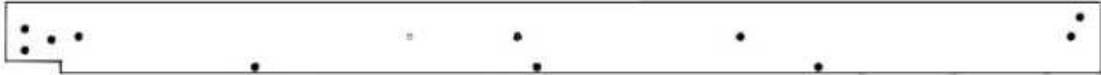
C02 (x1)
CORBEL
ASSEMBLY



C01 (x1)
CORBEL
ASSEMBLY

STEP 8A - BEAM ASSEMBLY

Qty	PartNo	Description
6	H101202	TORX PAN HEAD 1/4-20x3/4 ASSY

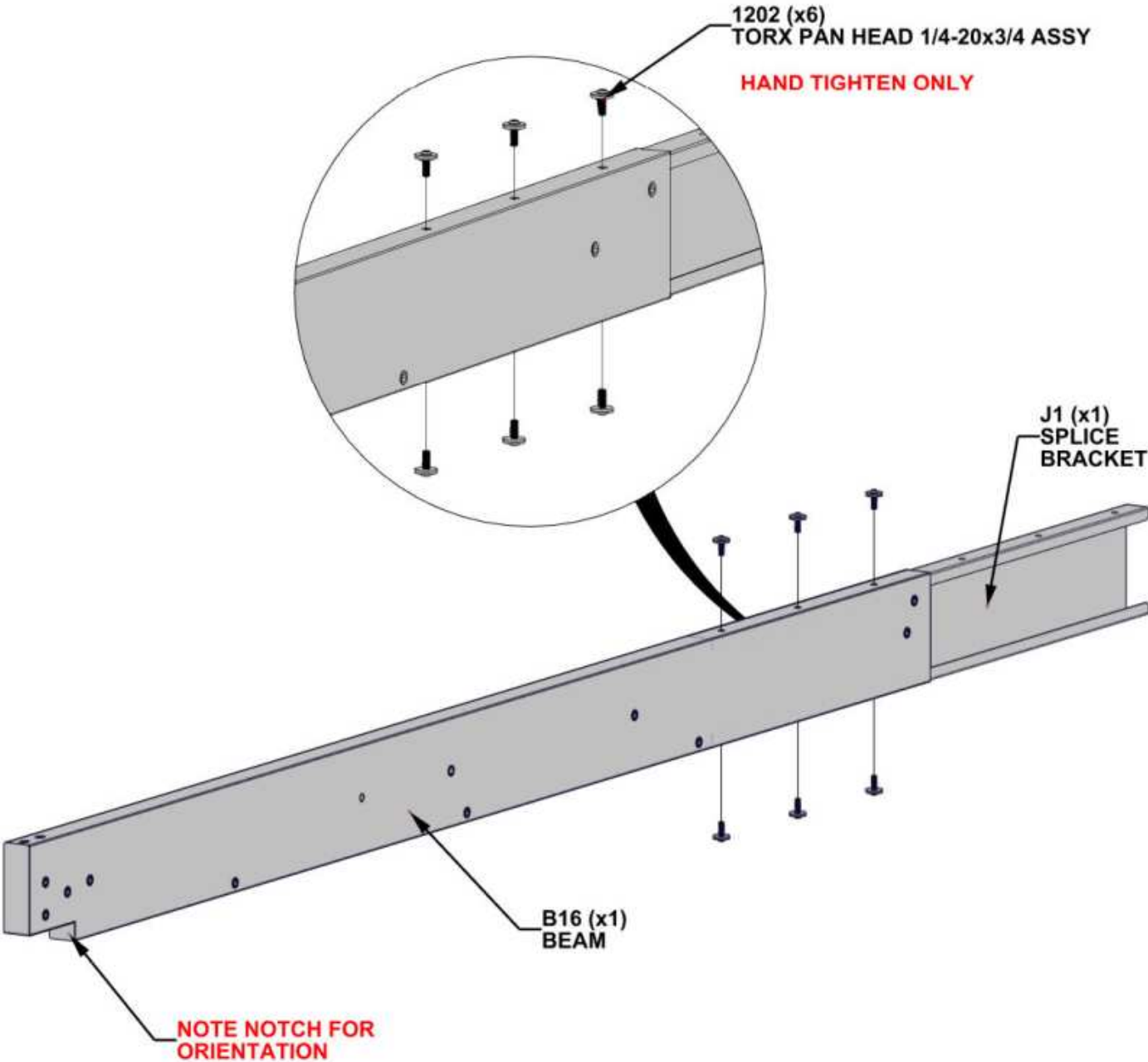


B16 BEAM - A4M06476
(x1) 1 7/16"x5 1/4"x81 1/8" (36x134x2060)



J1 SPLICE BRACKET - A4M02230
(x1) 1 5/16"x5 3/16"x39 3/8" (33.2x131.2x1000)

- BEAM AND SPLICE MUST BE ORIENTED
AS SHOWN. SLIDE J1 INTO B16
AND LINE UP THREE HOLES TOP AND BOTTOM



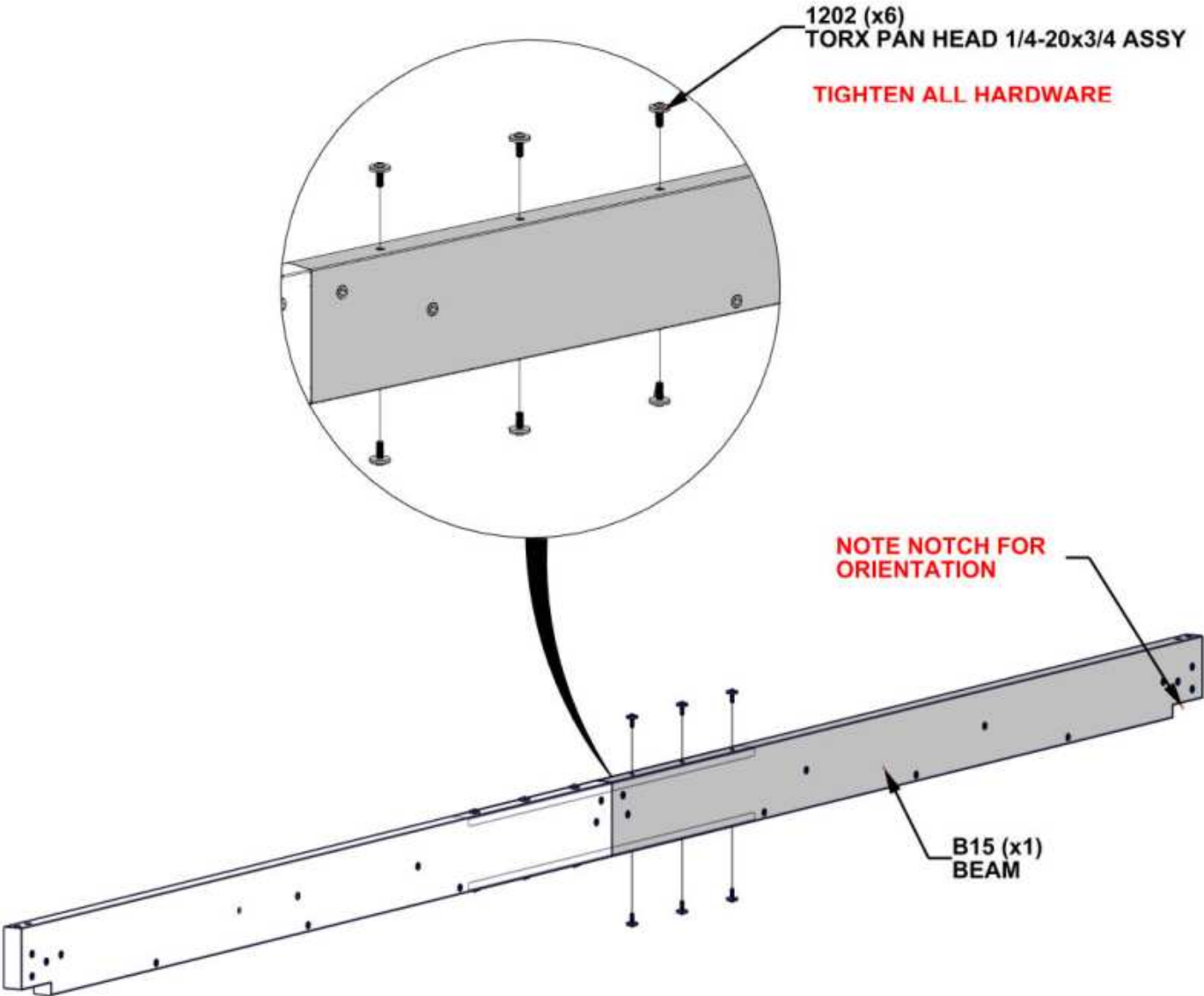
STEP 8B - BEAM ASSEMBLY

Qty	PartNo	Description
6	H101202	TORX PAN HEAD 1/4-20x3/4 ASSY



B15 BEAM - A4M06475
(x1) 1 7/16"x5 1/4"x81 1/8" (36x134x2060)

- SLIDE B15 ONTO SPLICE BRACKET.
GENTLY TAP ENDS OF ASSEMBLY WITH
RUBBER Mallet UNTIL GAP CLOSES.



THIS CREATES THE "UPPER BEAM ASSEMBLY" USED IN STEP 9.

STEP 8C - BEAM ASSEMBLY

Qty	PartNo	Description
3	H101202	TORX PAN HEAD 1/4-20x3/4 ASSY

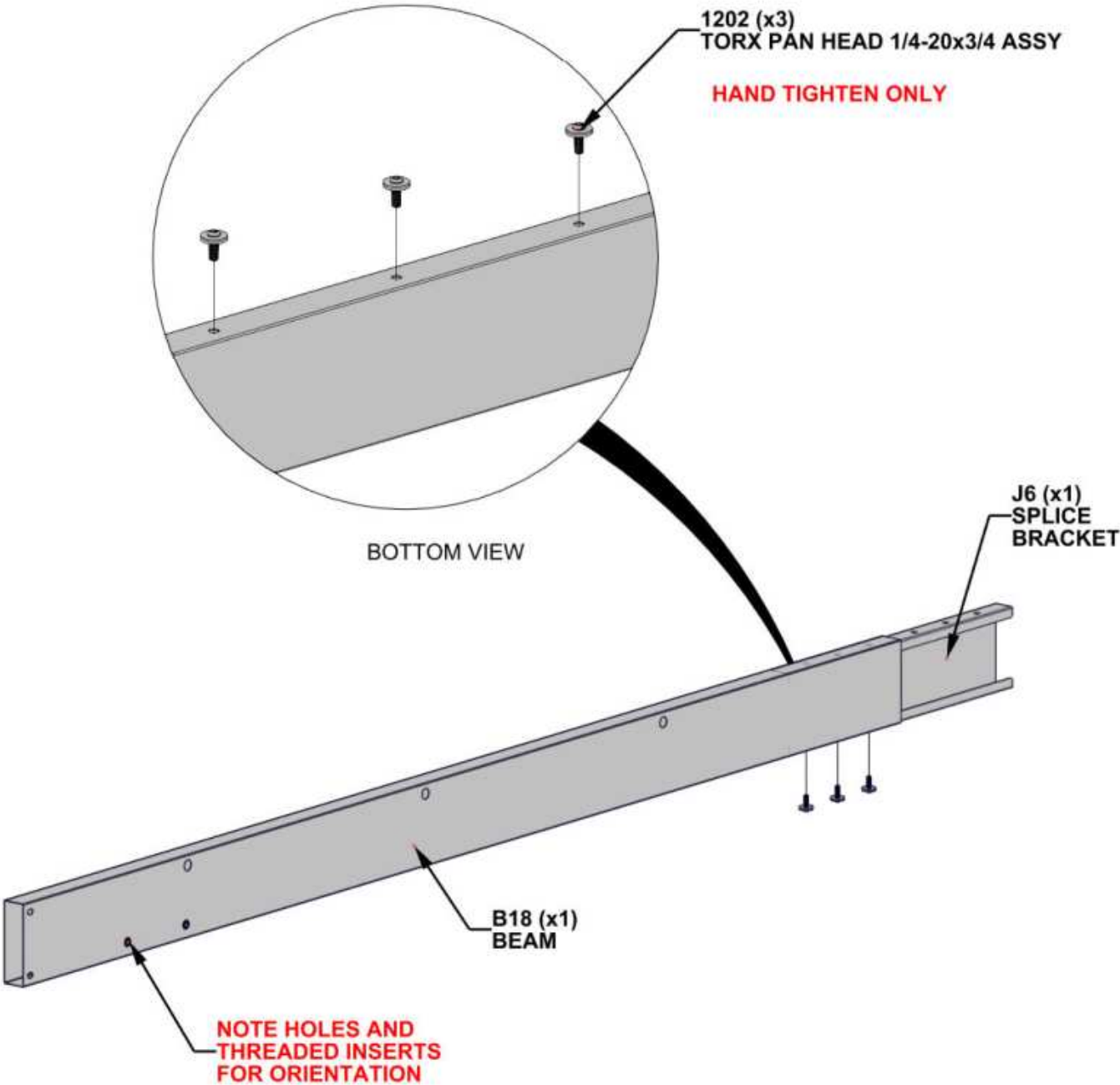


B18 BEAM - A4M06478
(x1) 1 7/16"x4 13/16"x77" (36x122x1956)



J6 SPLICE BRACKET - A4M03806
(x1) 19 11/16"x4 11/16"x1 1/4" (32.5x118.5x500)

- BEAM AND SPLICE MUST BE ORIENTED
AS SHOWN. SLIDE J6 INTO B18
AND LINE UP THREE HOLES ON TOP AND BOTTOM



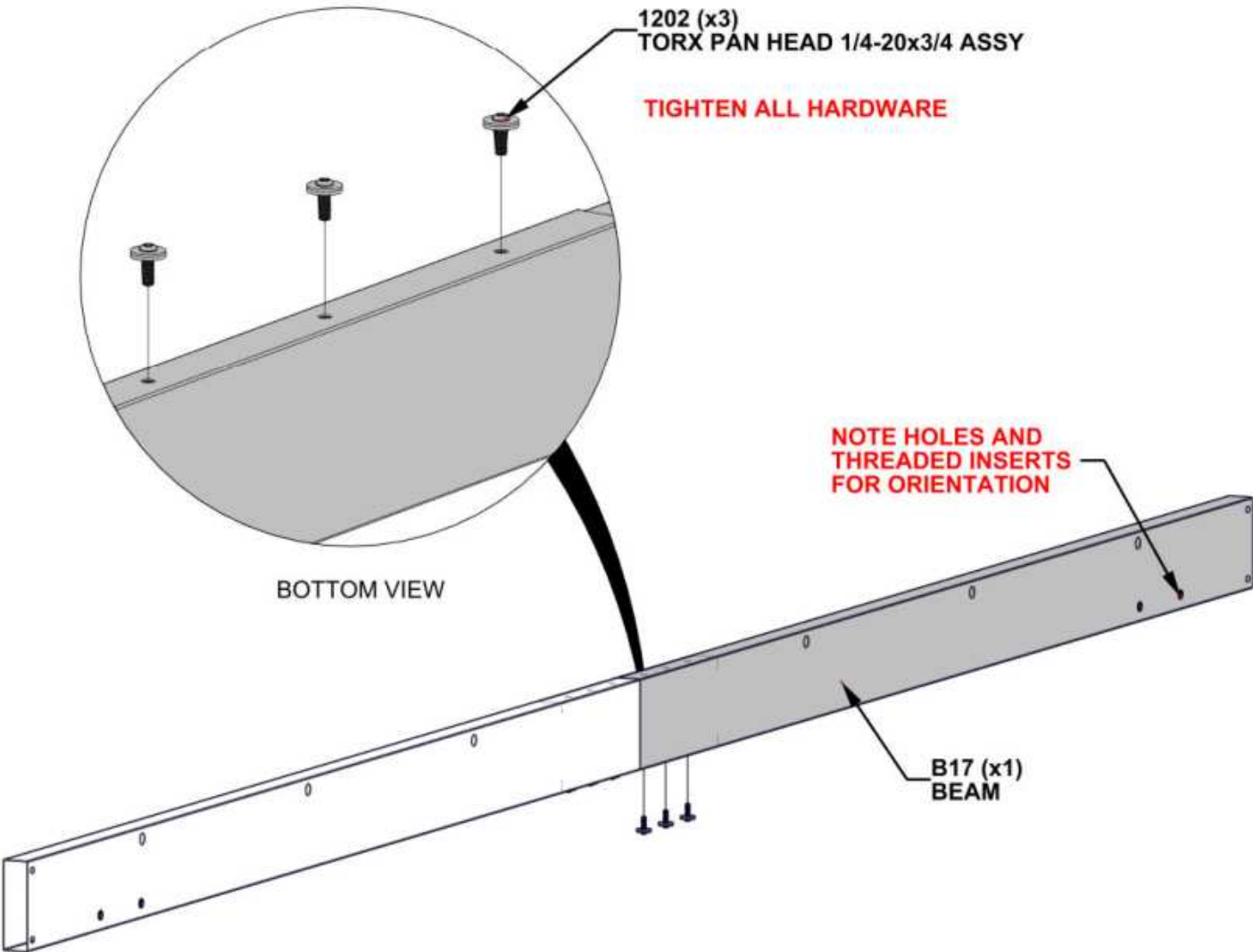
STEP 8D - BEAM ASSEMBLY

Qty	PartNo	Description
3	H101202	TORX PAN HEAD 1/4-20x3/4 ASSY



B17 BEAM - A4M06477
(x1) 1 7/16"x4 13/16"x77" (36x122x1956)

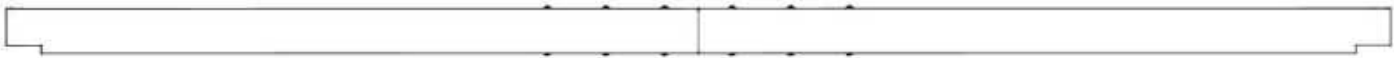
- SLIDE B17 ONTO SPLICE BRACKET.
GENTLY TAP ENDS OF ASSEMBLY WITH
RUBBER Mallet UNTIL GAP CLOSES.



THIS CREATES THE "LOWER BEAM ASSEMBLY" USED IN STEP 9.

STEP 9 - BEAM ASSEMBLY

Qty	PartNo	Description
6	H101103	TORX SOCKET SCREW 1/4-20

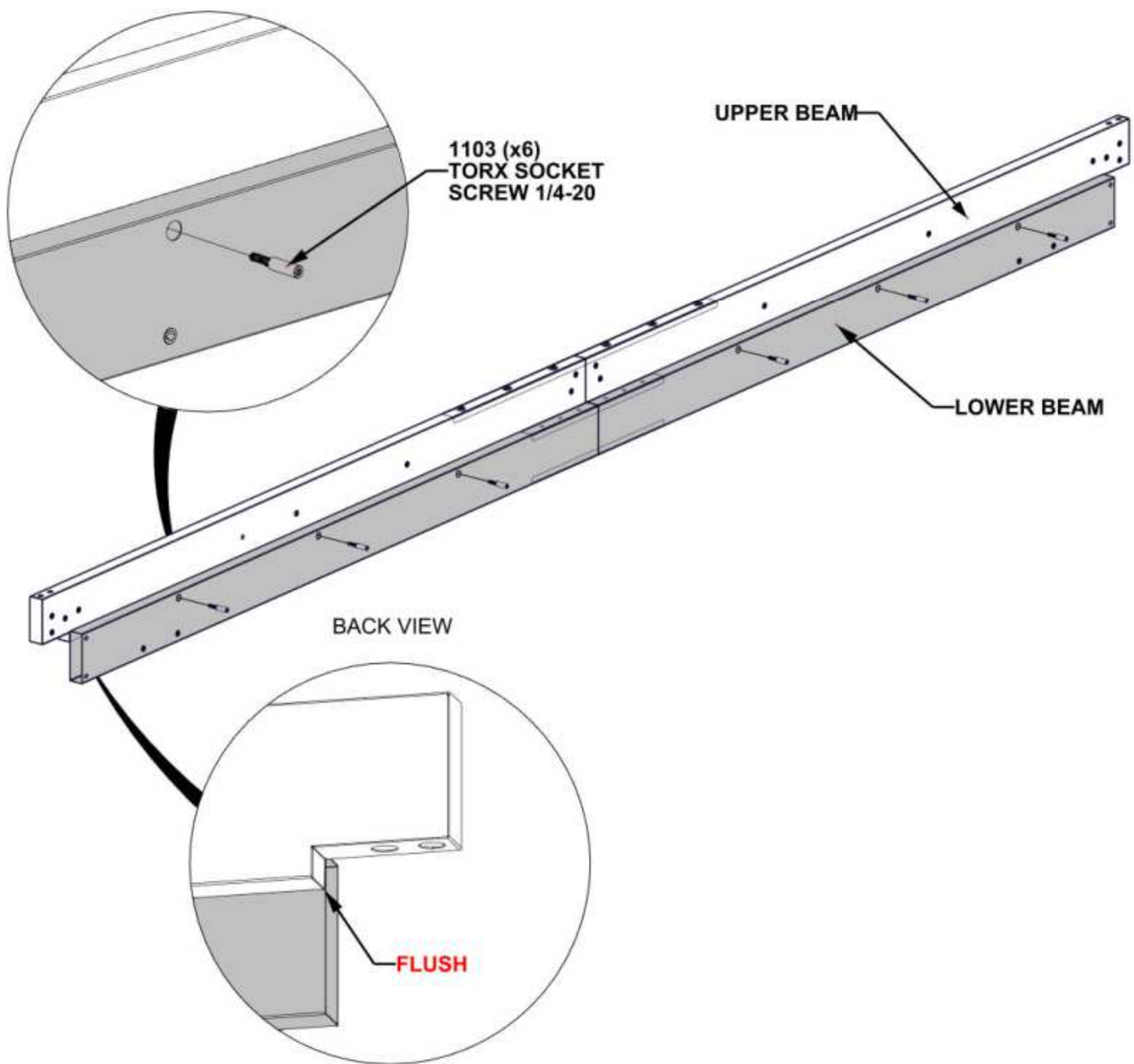


UPPER BEAM ASSEMBLY FROM STEP 8A-8B



LOWER BEAM ASSEMBLY FROM STEP 8C-8D

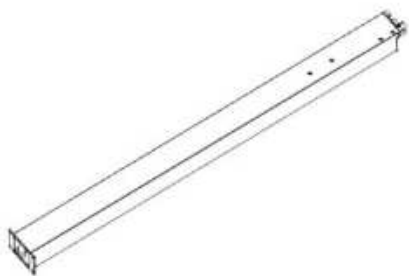
- ALIGN THROUGH HOLES IN LOWER BEAM ASSEMBLY
WITH THREADED INSERTS IN UPPER BEAM ASSEMBLY



**REPEAT BEAM ASSEMBLY
STEPS 8A THROUGH 9**

STEP 10 - POST ASSEMBLY

Qty	PartNo	Description
4	H101202	TORX PAN HEAD 1/4-20x3/4 ASSY



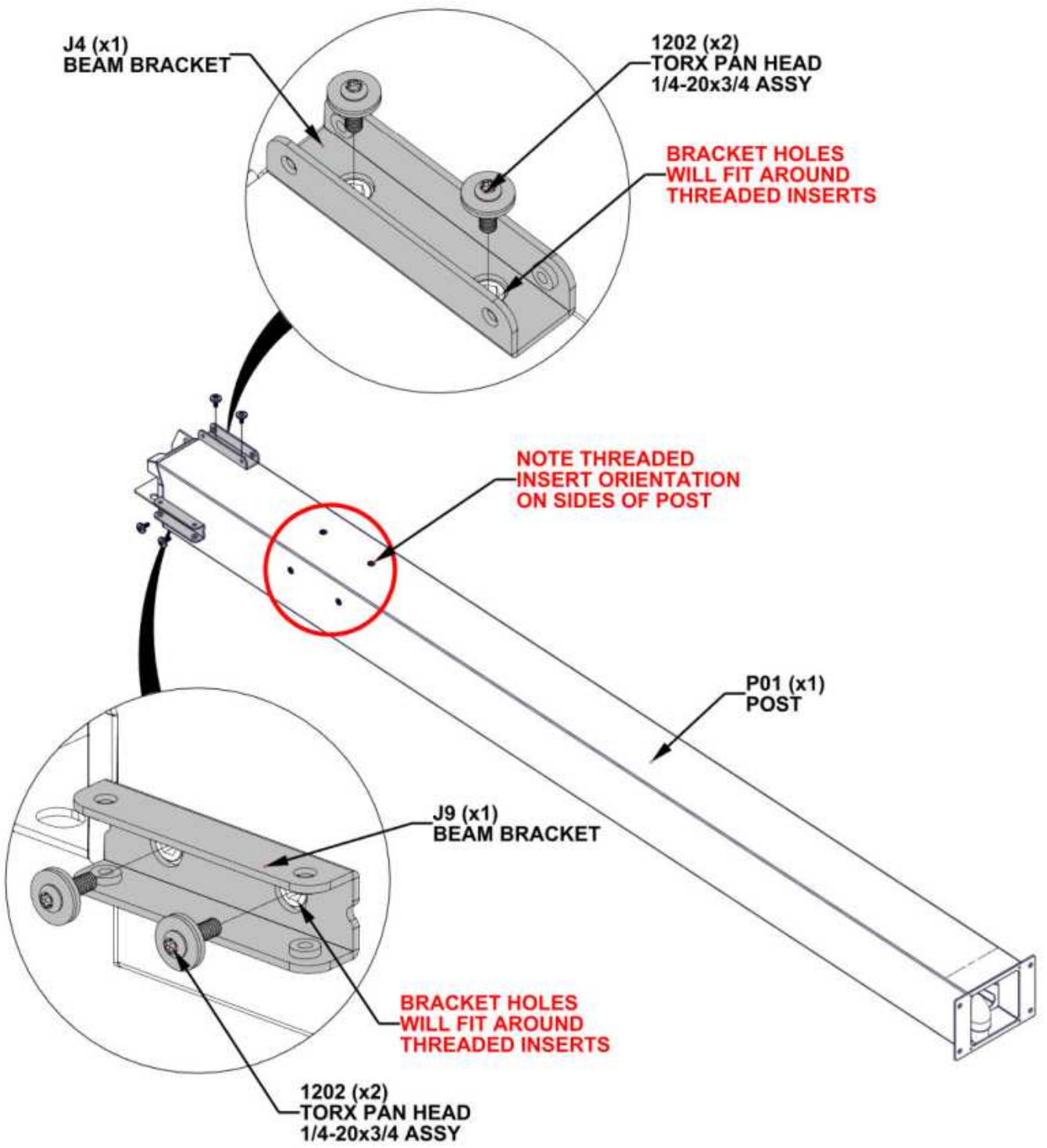
P01 POST - A4M05808
(x1) 5 1/2"x8"x89 1/16" (140x202x2262)



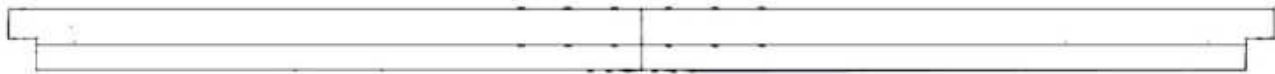
J4 BEAM BRACKET - A4M02990
(x1) 1"x1 5/16"x5 1/16" (25x33.2x128)



J9 BEAM BRACKET - A4M03807
(x1) 5 9/16"x1 5/16"x4 9/16" (140.57x33.20x116)

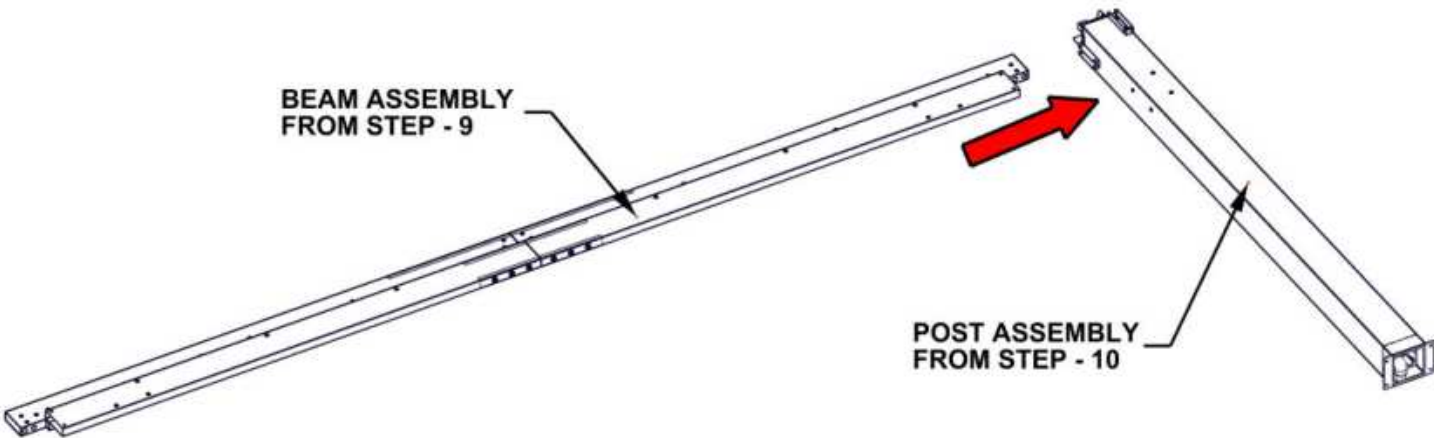
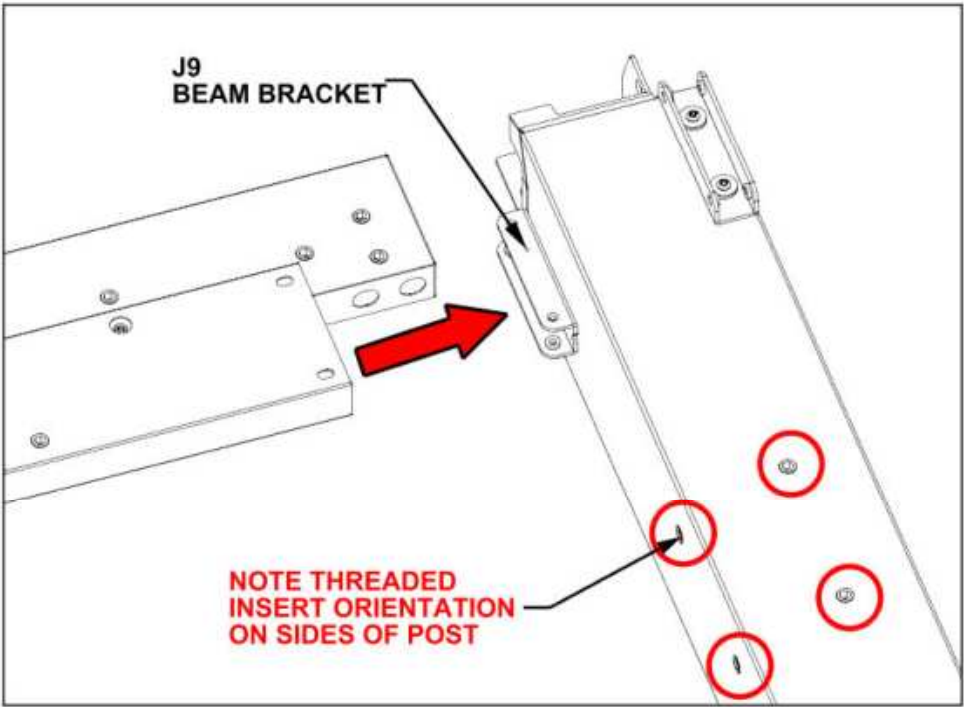


STEP 11A - FRAME ASSEMBLY



BEAM ASSEMBLY FROM STEP - 9

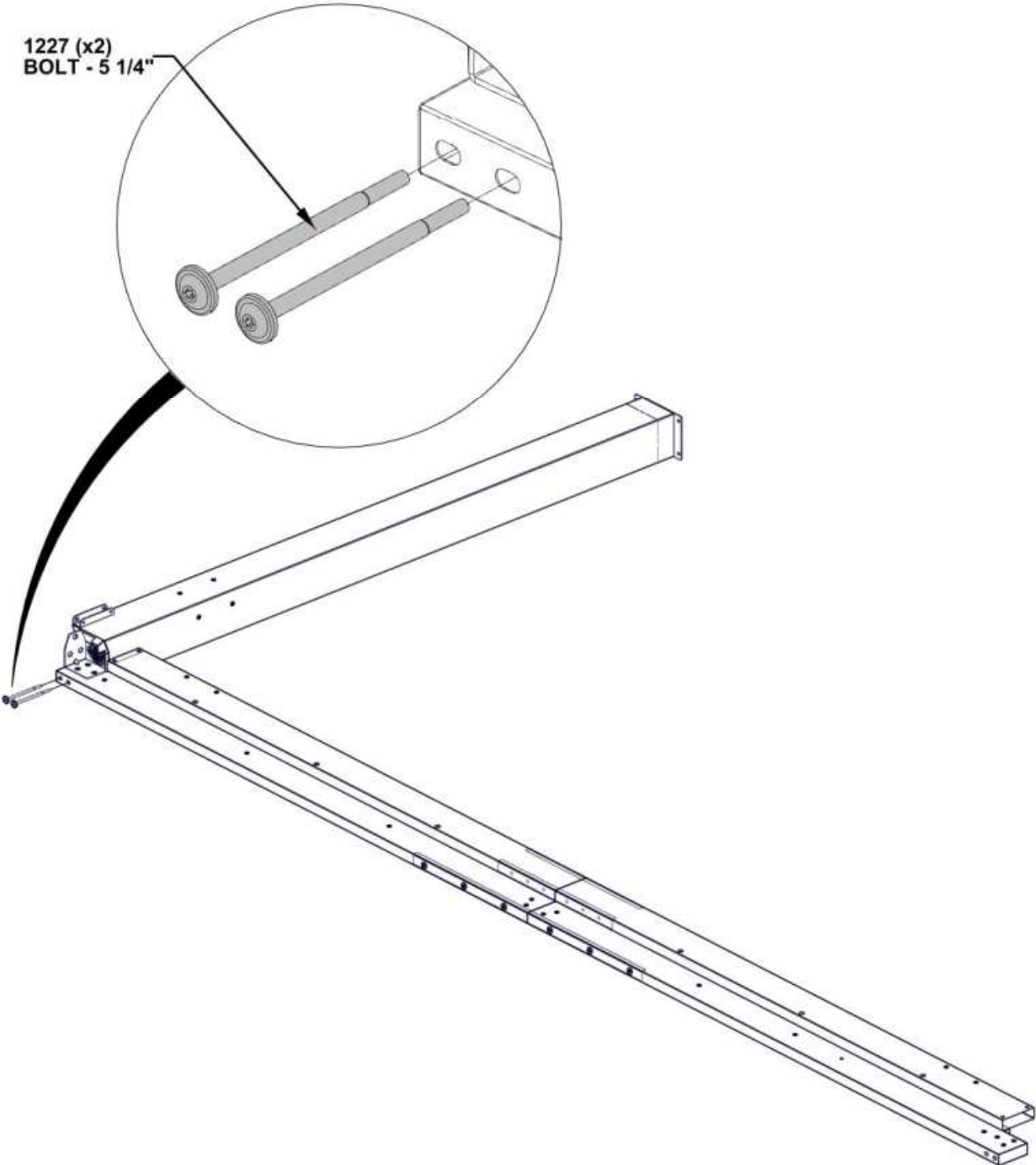
- INSERT BEAM ASSEMBLY INTO BEAM BRACKET ON POST AS SHOWN.



STEP 11B - FRAME ASSEMBLY

Qty	PartNo	Description
2	H101227	BOLT WH 5/16x5 1/4 S.S.

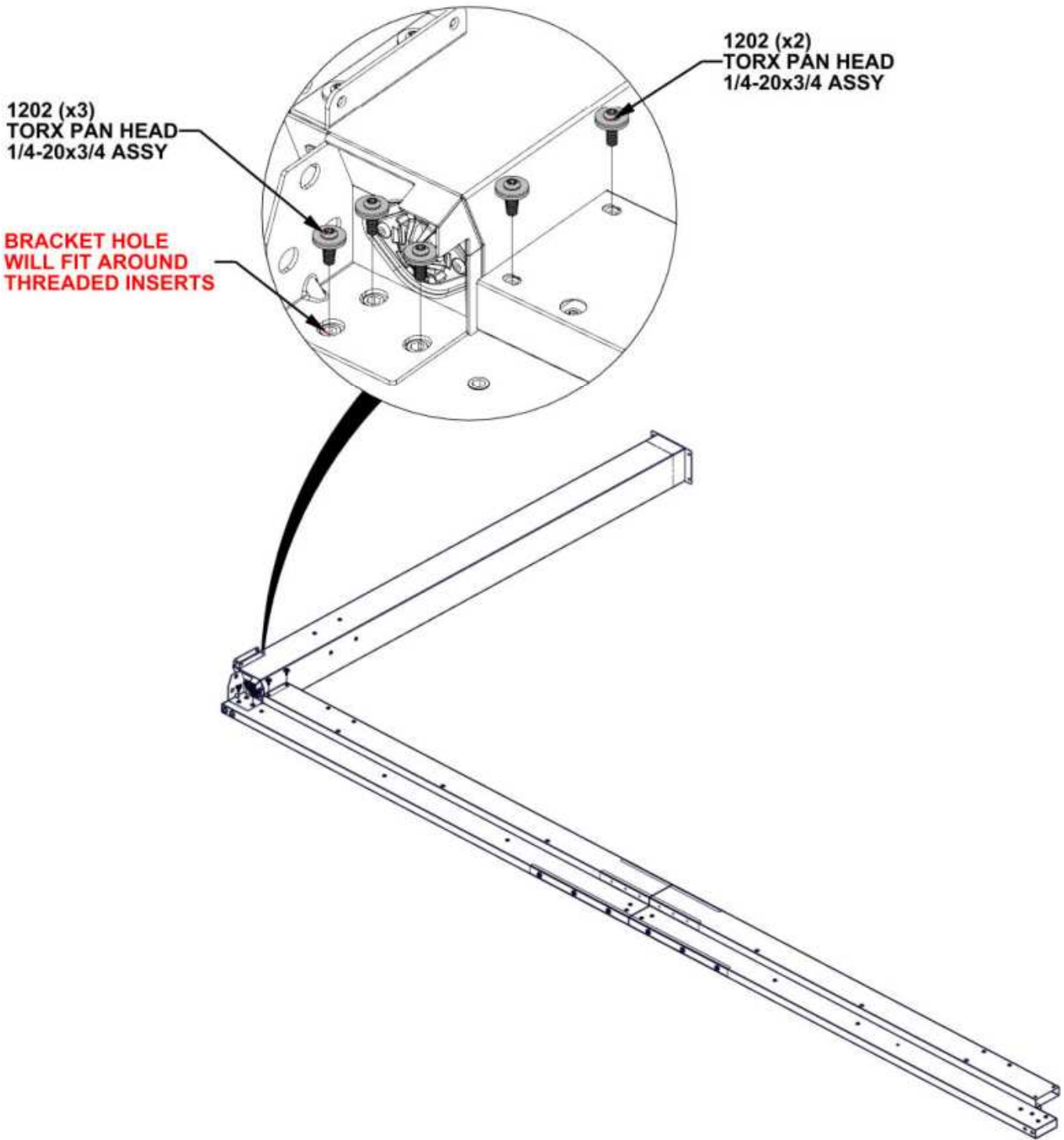
- HAND TIGHTEN ONLY.



STEP 11C - FRAME ASSEMBLY

Qty	PartNo	Description
5	H101202	TORX PAN HEAD 1/4-20x3/4 ASSY

- HAND TIGHTEN ONLY.



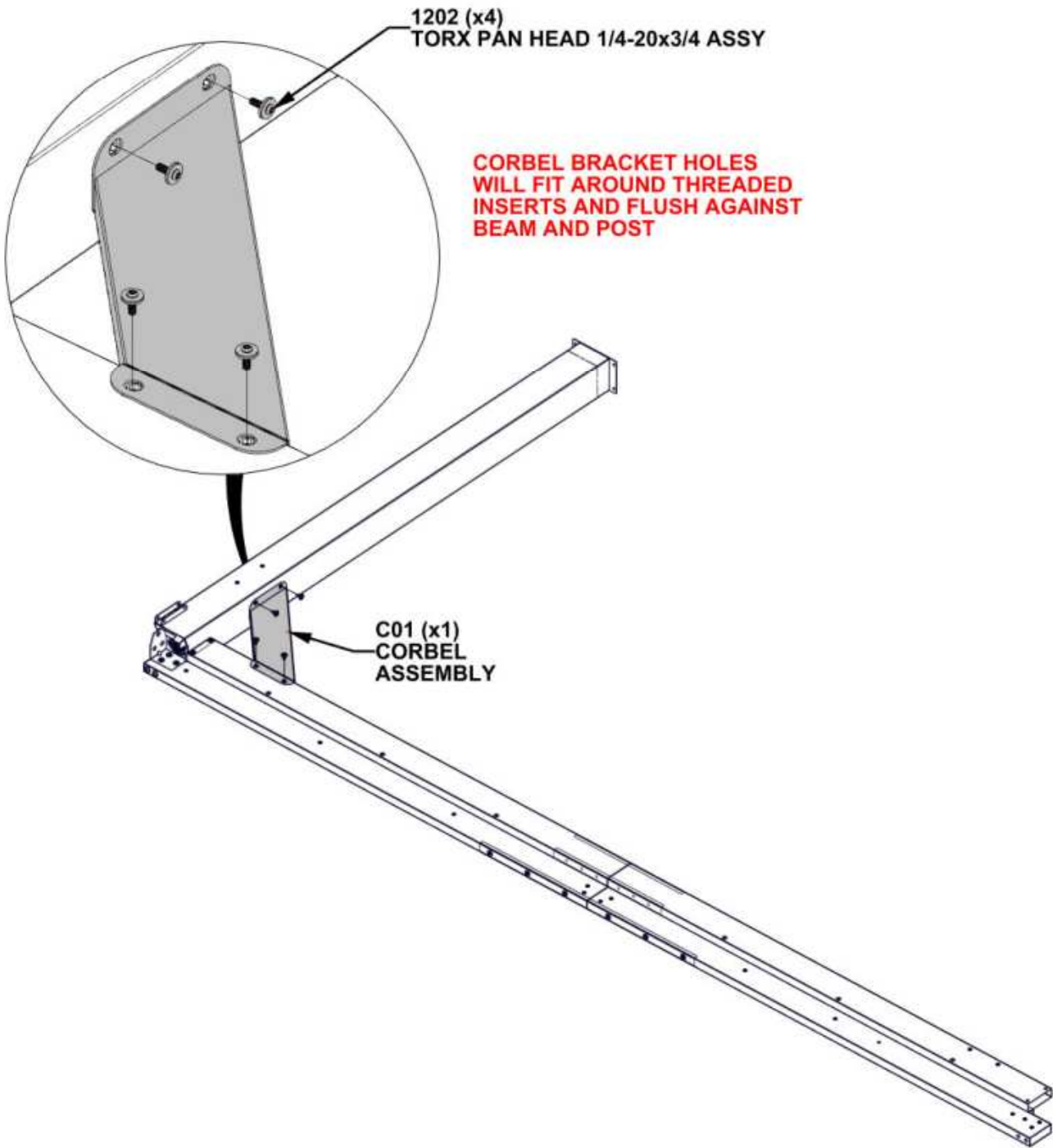
STEP 11D - FRAME ASSEMBLY

Qty	PartNo	Description
4	H101202	TORX PAN HEAD 1/4-20x3/4 ASSY



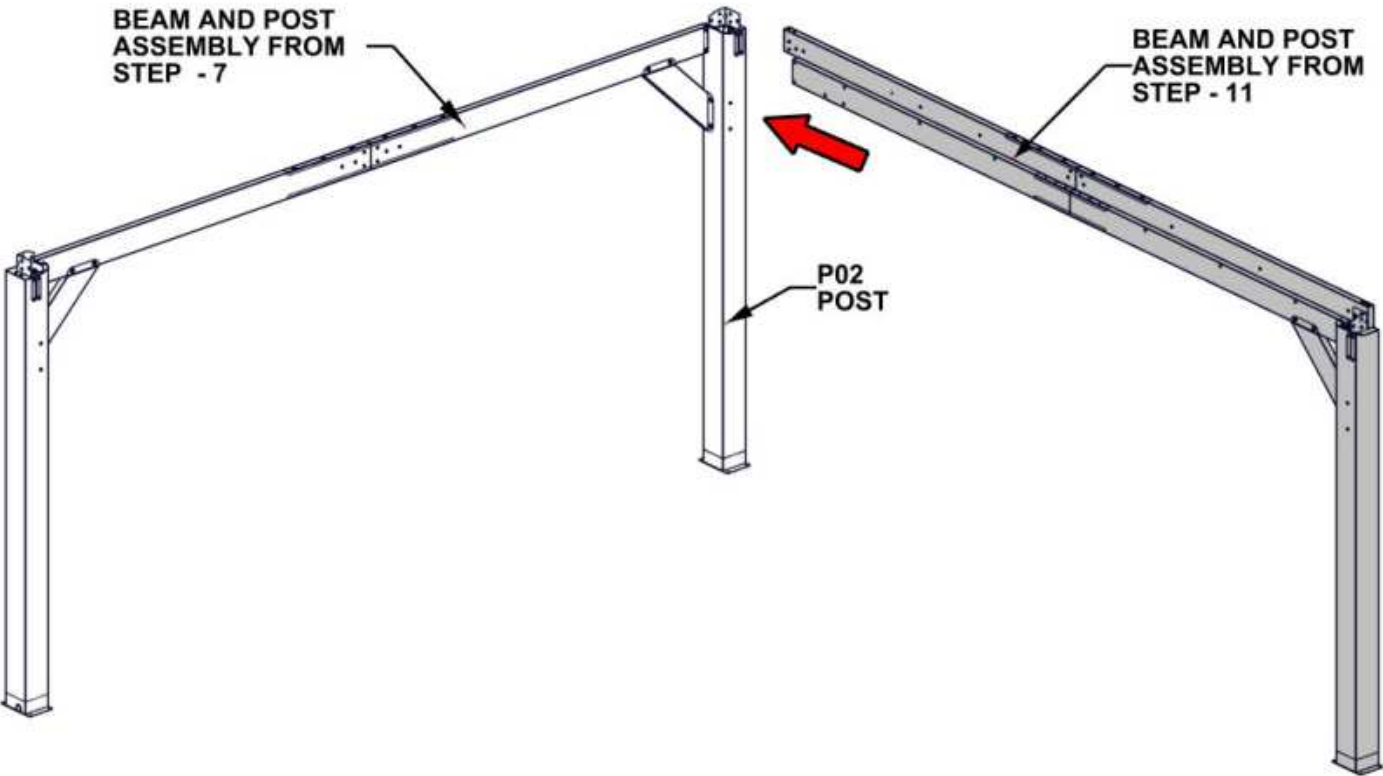
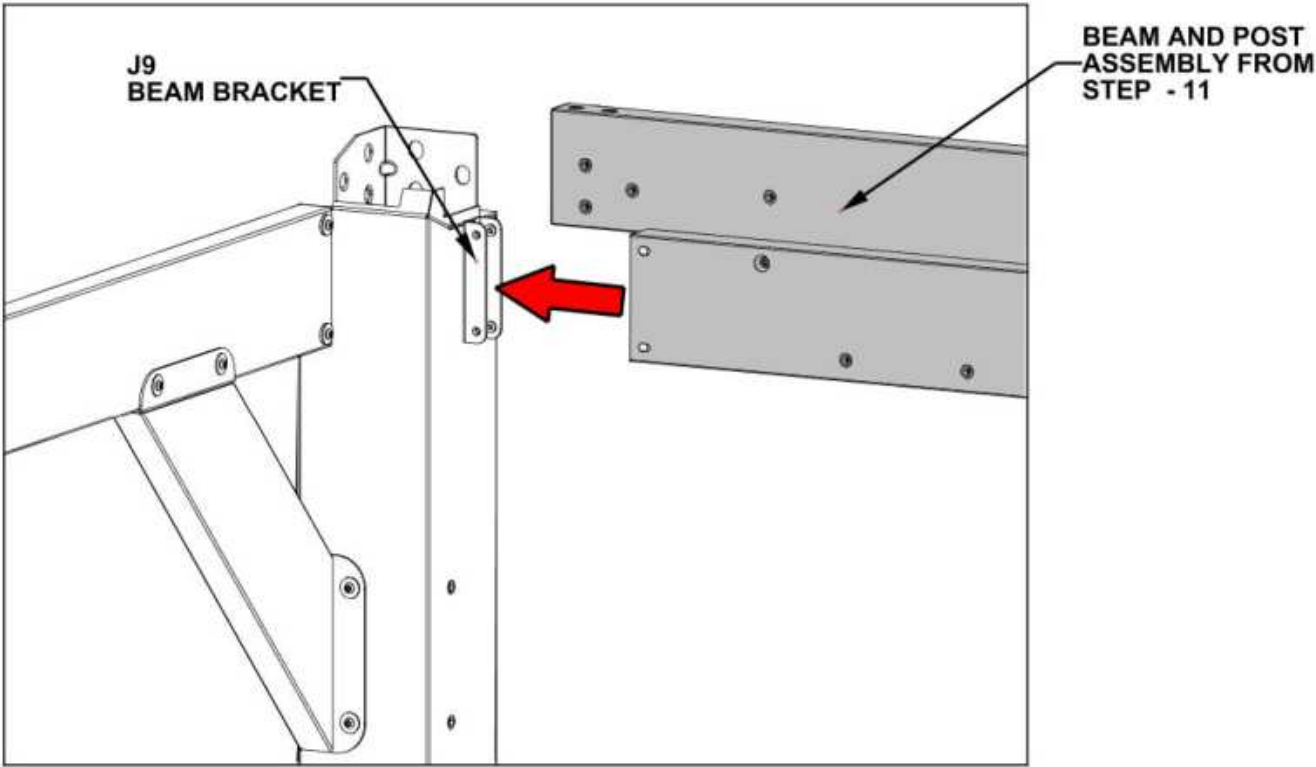
C01 CORBEL ASSEMBLY - A4M03525
(x1) 21 13/16"x5 1/4"x2 3/4" (70x134x553.5)

- ATTACH CORBEL TO BEAM AND POST.
- SQUARE AS NEEDED AND TIGHTEN ALL HARDWARE FROM PREVIOUS STEPS.



STEP 12A - FRAME ASSEMBLY

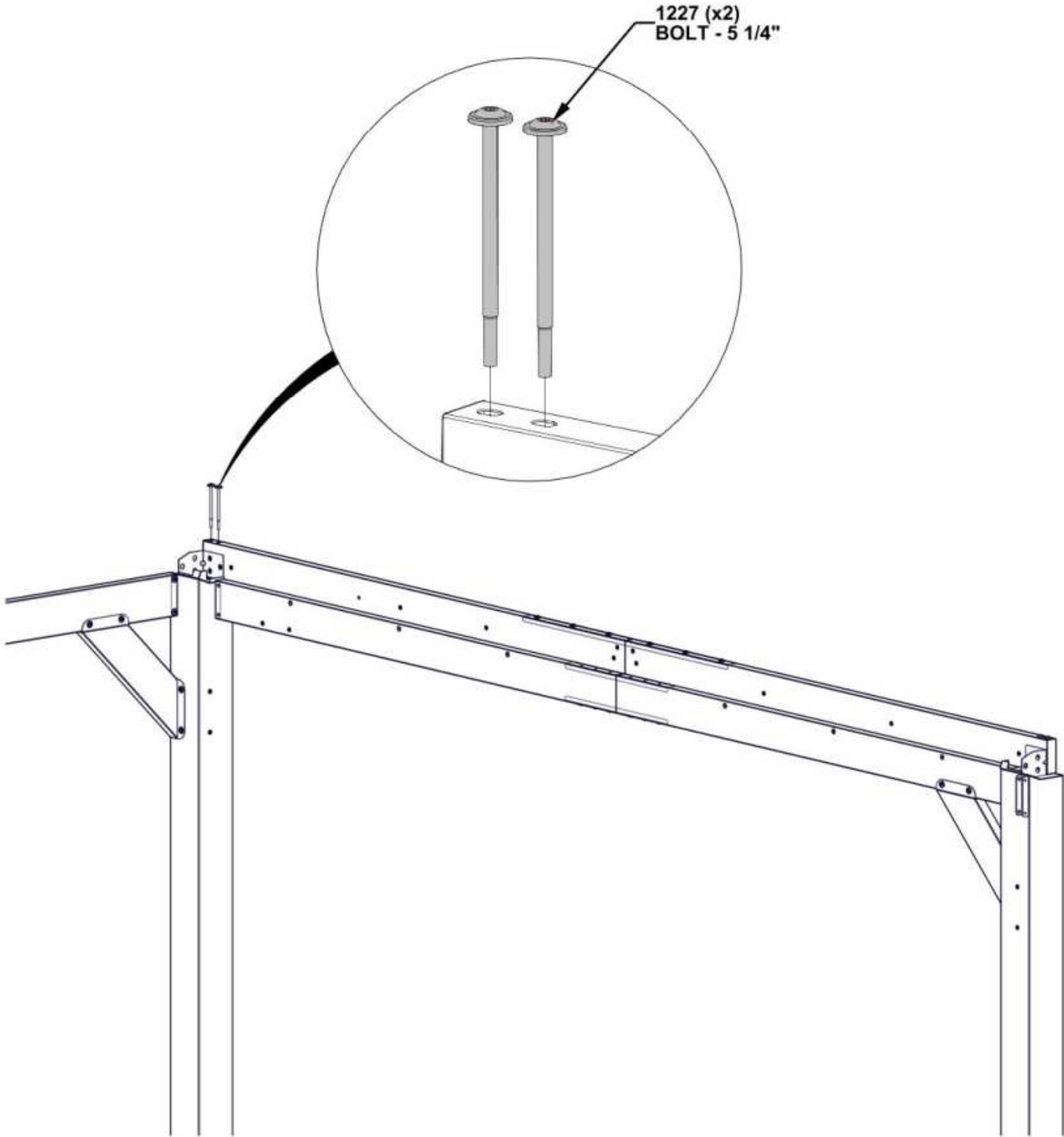
- WITH AT LEAST TWO OTHER PEOPLE, ATTACH BEAM AND POST ASSEMBLIES BY SLIDING ONTO BEAM BRACKET.



STEP 12B - FRAME ASSEMBLY

Qty	PartNo	Description
2	H101227	BOLT WH 5/16x5 1/4 S.S.

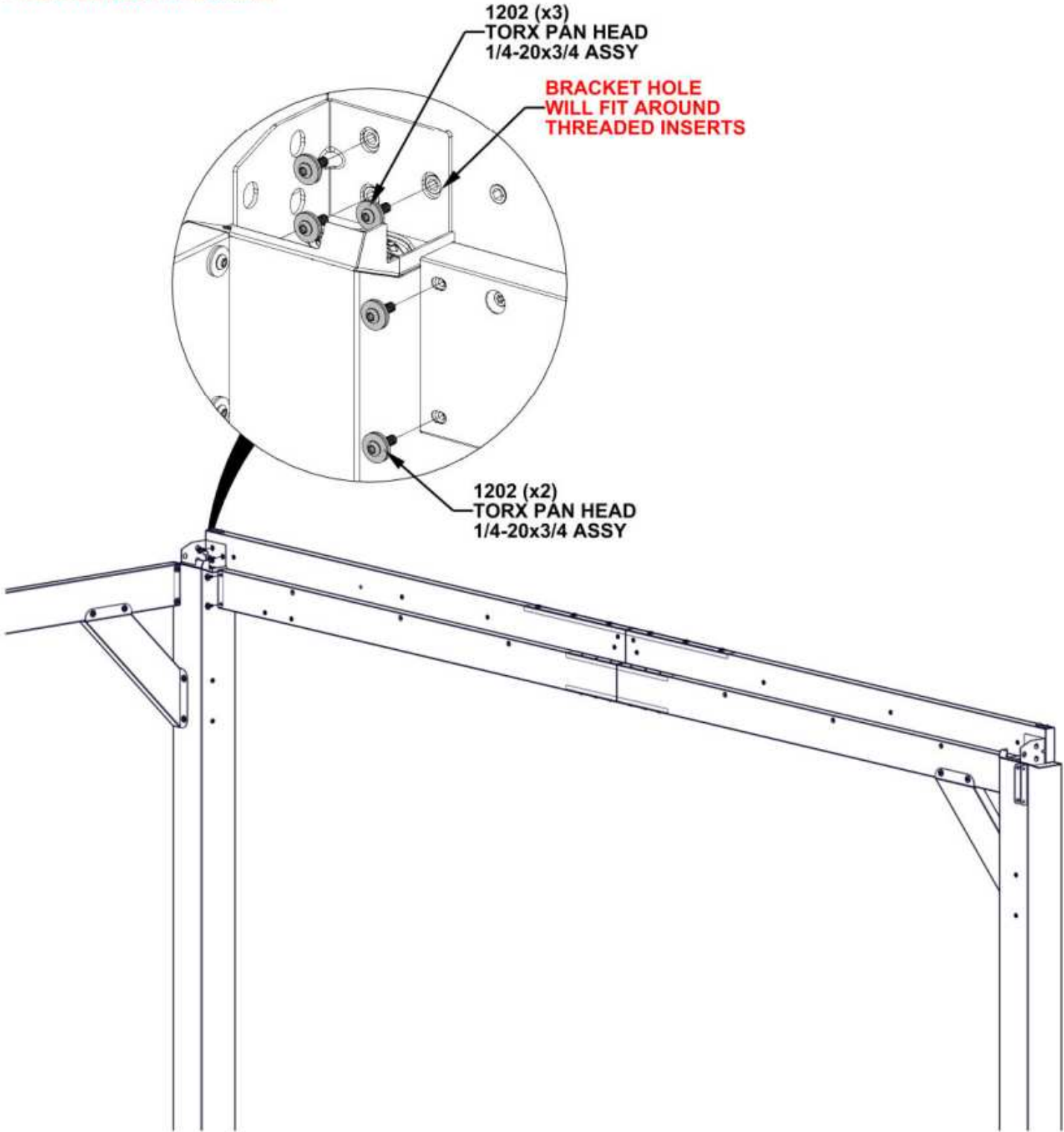
- HAND TIGHTEN ONLY.



STEP 12C - FRAME ASSEMBLY

Qty	PartNo	Description
5	H101202	TORX PAN HEAD 1/4-20x3/4 ASSY

- SQUARE BEAM ASSEMBLY TO POST.
- TIGHTEN ALL HARDWARE.



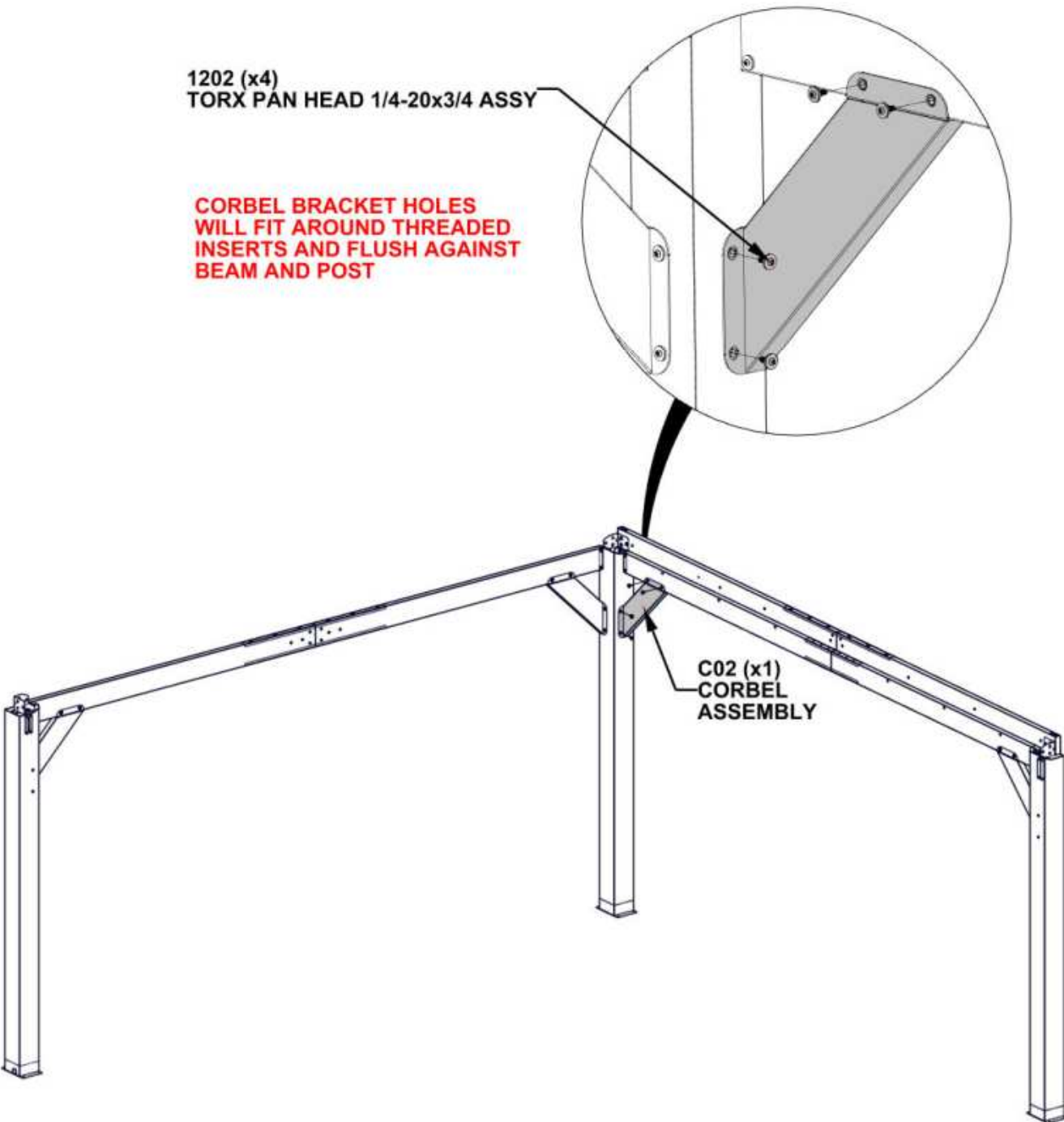
STEP 13 - FRAME ASSEMBLY

Qty	PartNo	Description
4	H101202	TORX PAN HEAD 1/4-20x3/4 ASSY



C02 CORBEL ASSEMBLY - A4M03526
(x1) 21 13/16"x5 1/4"x2 3/4" (70x134x553.5)

- ATTACH CORBEL TO BEAM AND POST.
- SQUARE AS NEEDED AND TIGHTEN ALL HARDWARE.



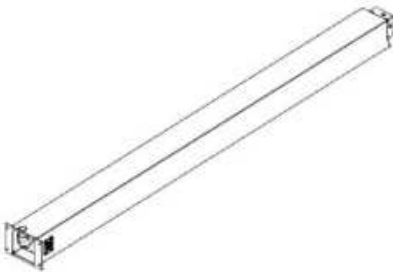
1202 (x4)
TORX PAN HEAD 1/4-20x3/4 ASSY

CORBEL BRACKET HOLES
WILL FIT AROUND THREADED
INSERTS AND FLUSH AGAINST
BEAM AND POST

C02 (x1)
CORBEL
ASSEMBLY

STEP 14 - POST ASSEMBLY

Qty	PartNo	Description
4	H101202	TORX PAN HEAD 1/4-20x3/4 ASSY



P03 POST - A4M05810
(x1) 5 1/2"x8"x89" (140x202x2262)

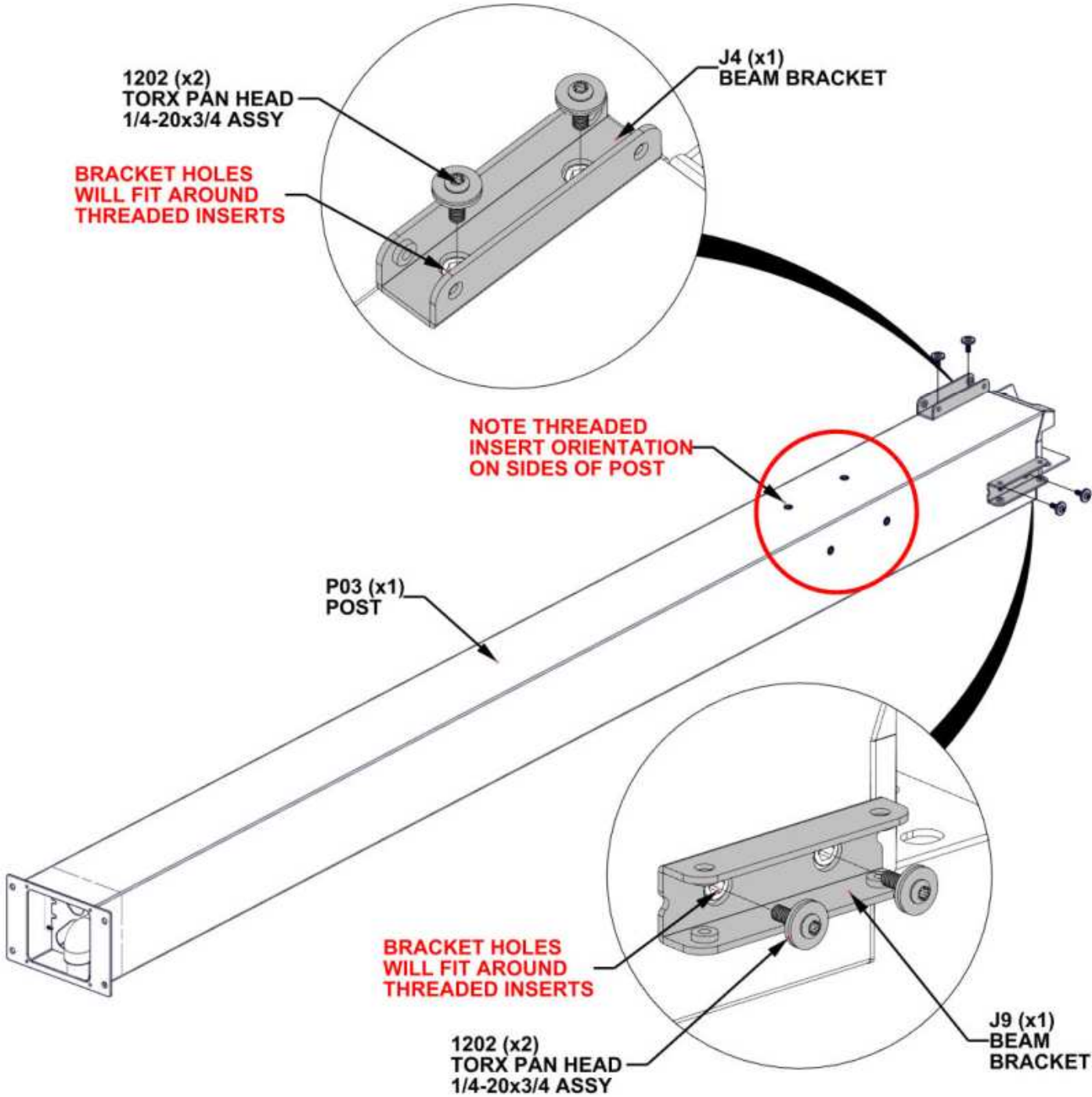


J4 BEAM BRACKET - A4M02990
(x1) 1"x1 5/16"x5 1/16" (25x33.2x128)

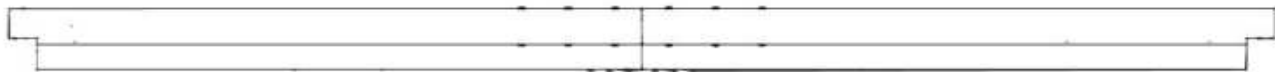


J9 BEAM BRACKET - A4M03807
(x1) 5 9/16"x1 5/16"x4 9/16" (140.57x33.20x116)

- FOR EASE OF ASSEMBLY, WE RECOMMEND
USING SAWHORSES FOR STEPS 14 - 15.

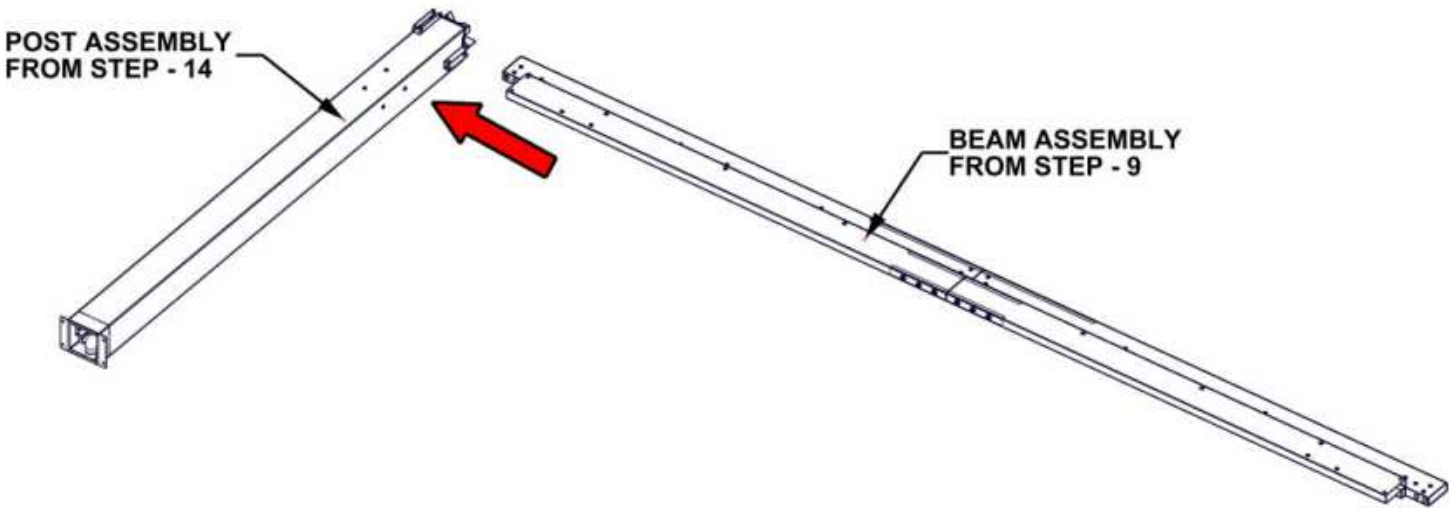
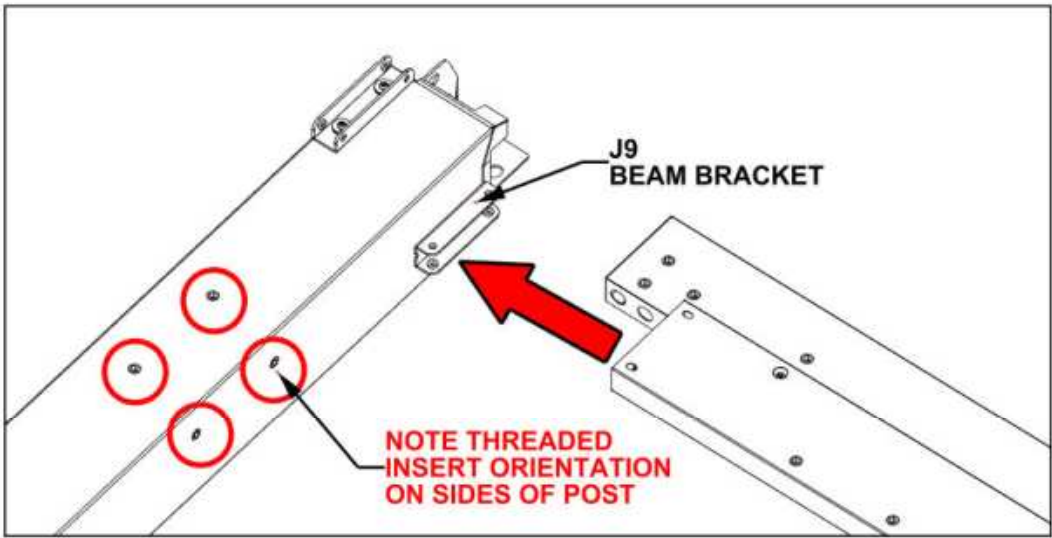


STEP 15A - FRAME ASSEMBLY



BEAM ASSEMBLY FROM STEP - 9

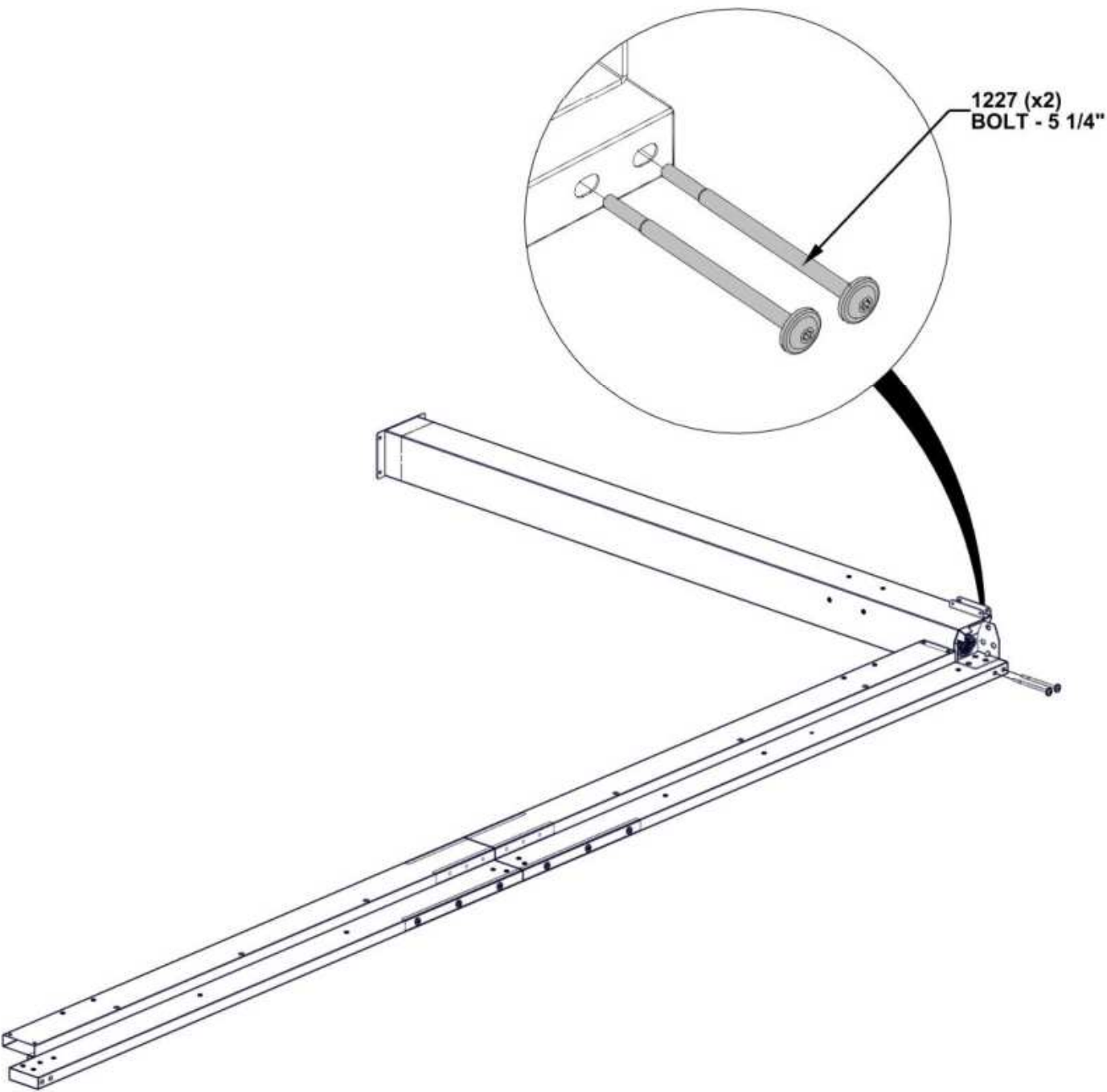
- INSERT BEAM ASSEMBLY INTO BEAM BRACKET ON POST AS SHOWN.



STEP 15B - FRAME ASSEMBLY

Qty	PartNo	Description
2	H101227	BOLT WH 5/16x5 1/4 S.S.

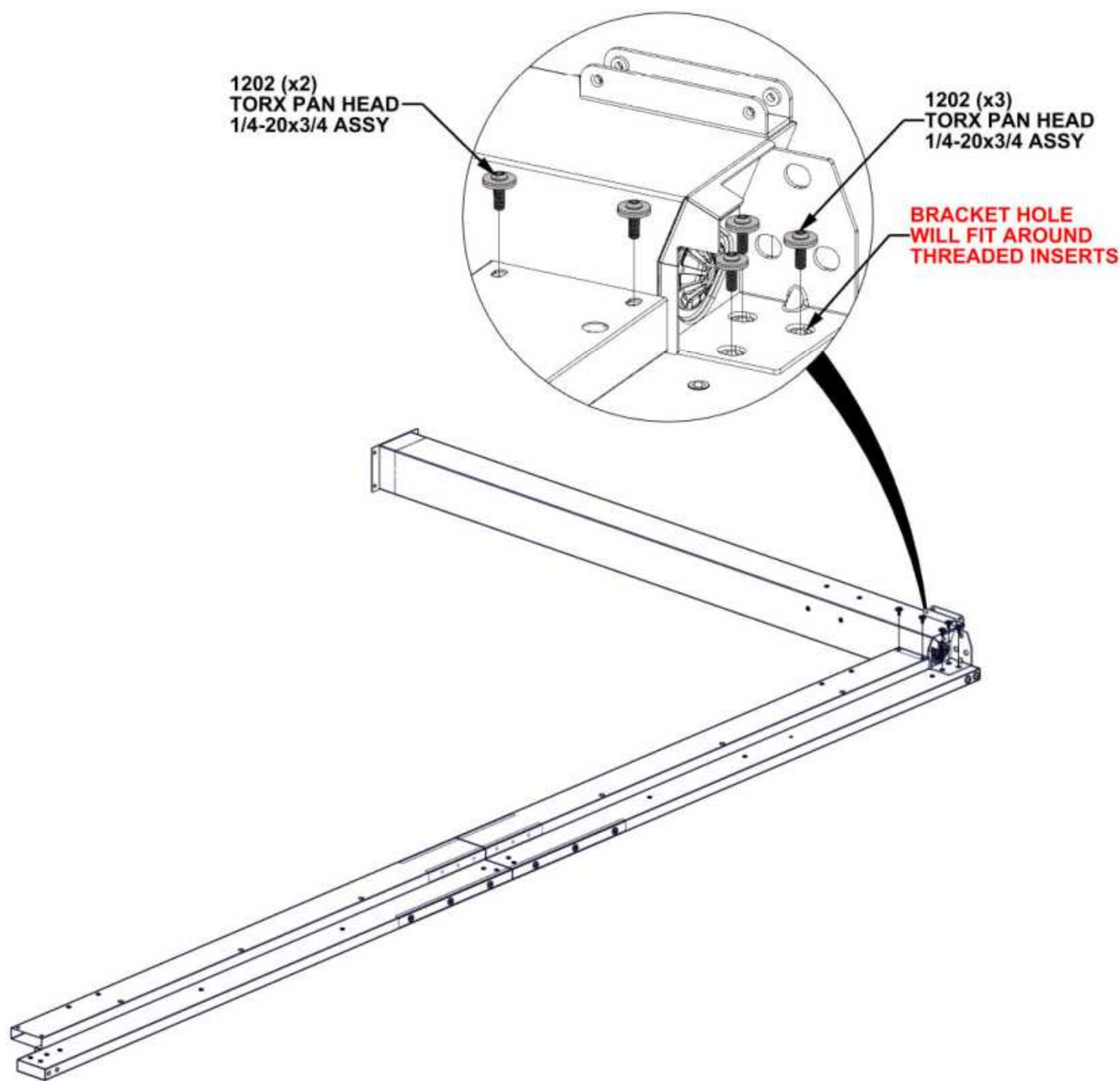
- HAND TIGHTEN ONLY.



STEP 15C - FRAME ASSEMBLY

Qty	PartNo	Description
5	H101202	TORX PAN HEAD 1/4-20x3/4 ASSY

- HAND TIGHTEN ONLY.



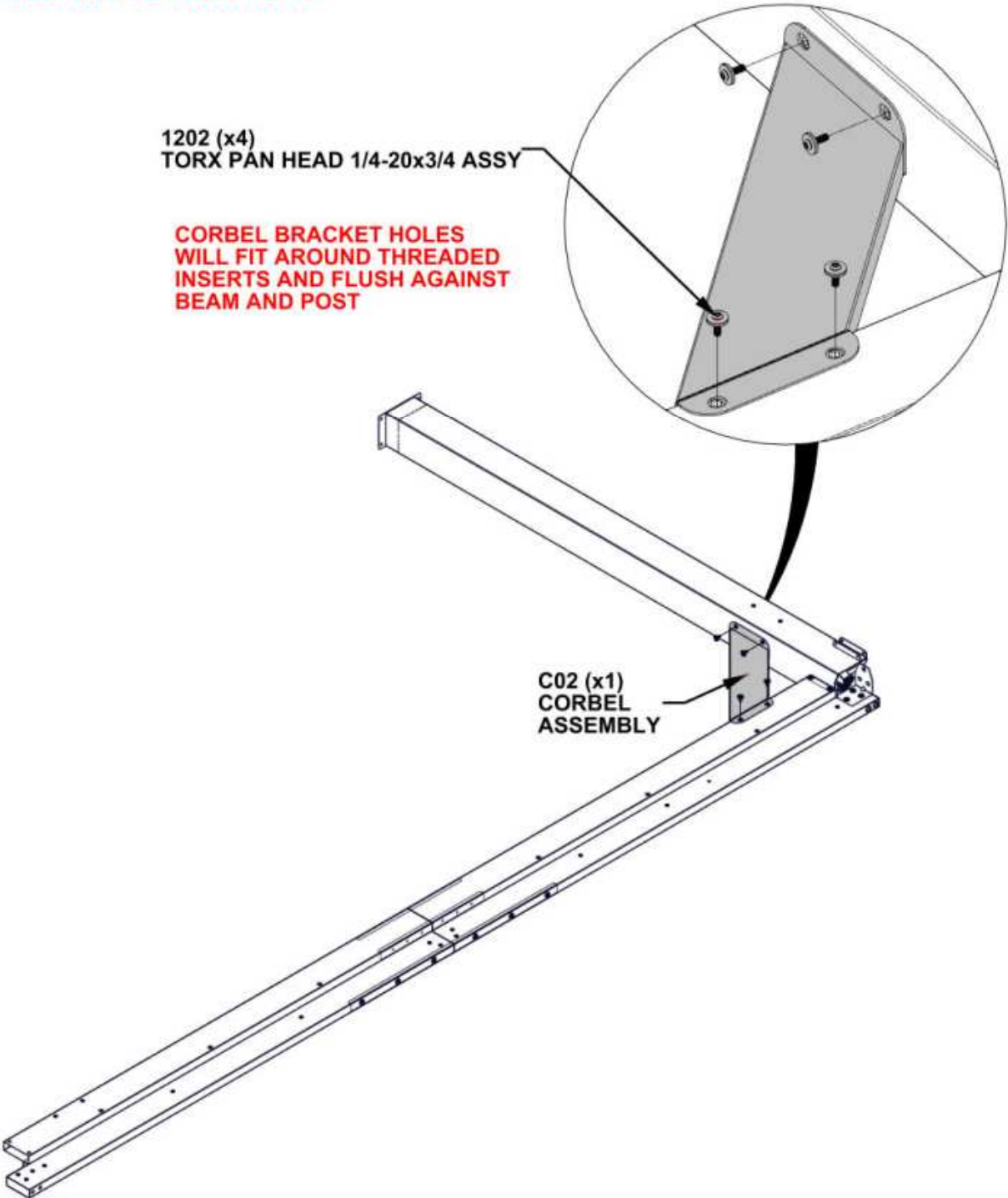
STEP 15D - FRAME ASSEMBLY

Qty	PartNo	Description
4	H101202	TORX PAN HEAD 1/4-20x3/4 ASSY



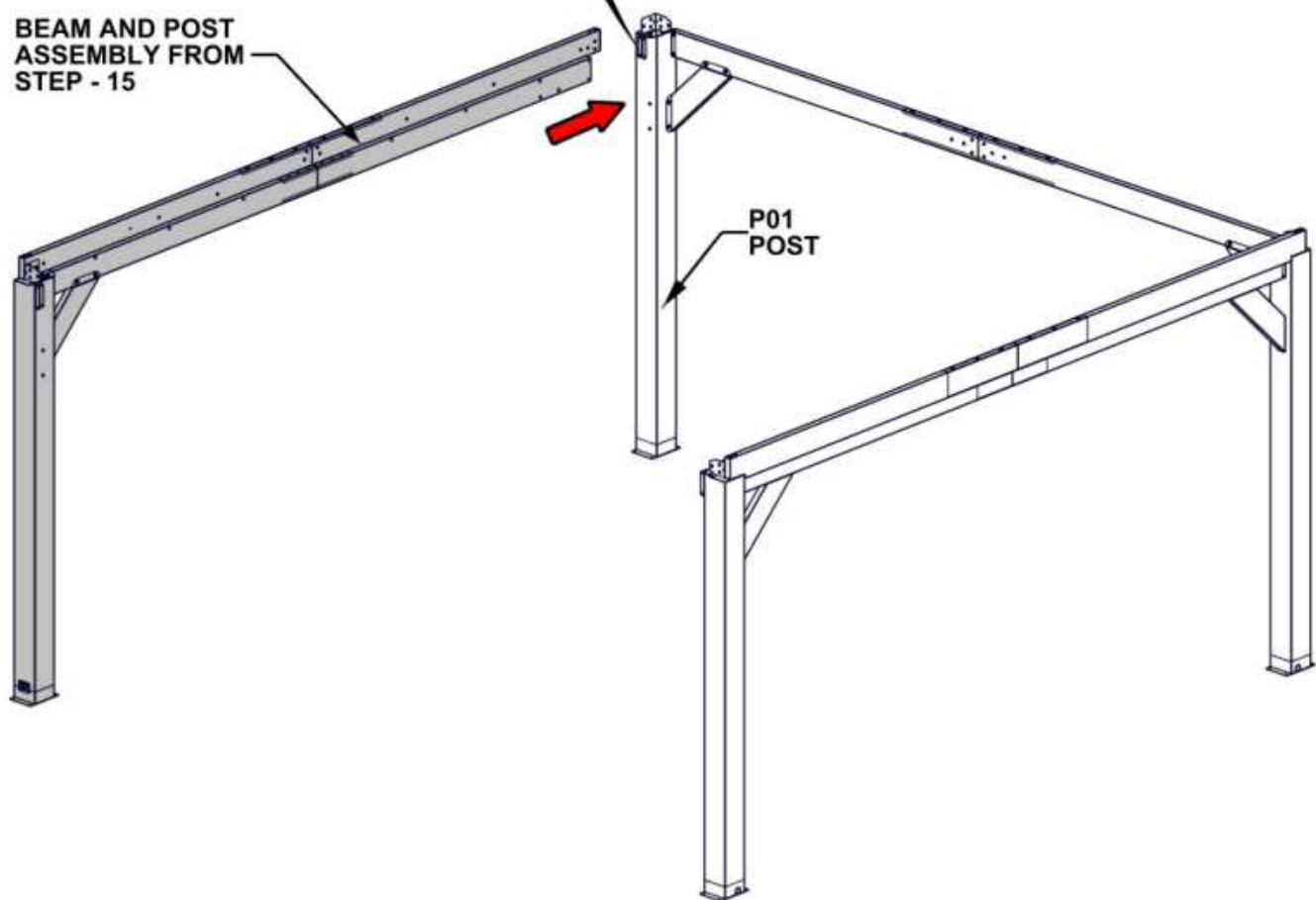
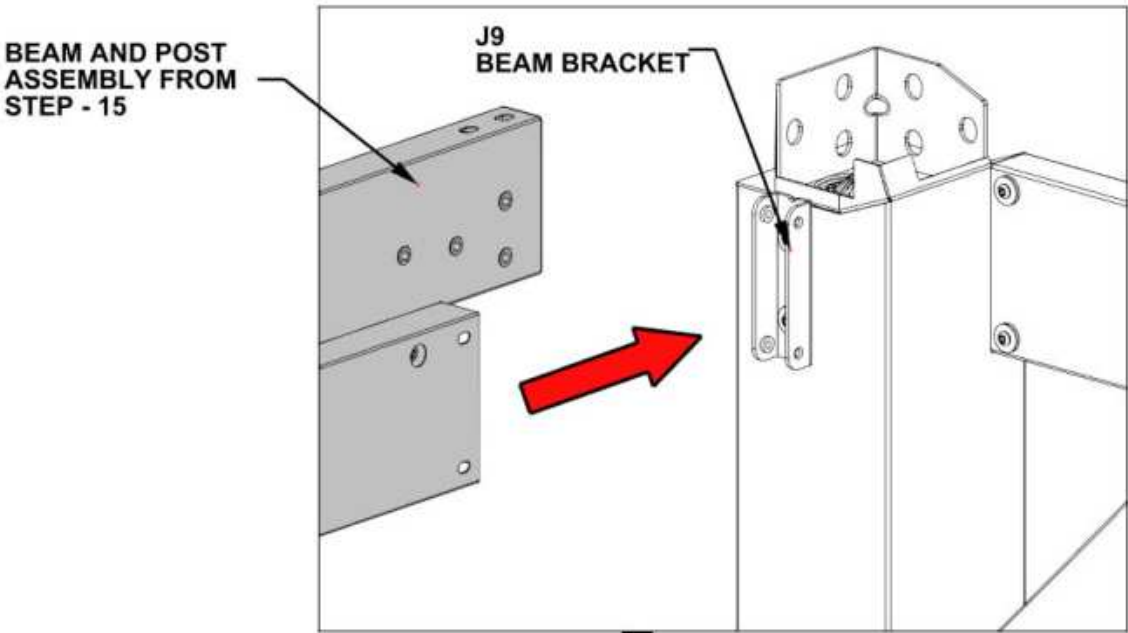
C02 CORBEL ASSEMBLY - A4M03526
(x1) 21 13/16"x5 1/4"x2 3/4" (70x134x553.5)

- ATTACH CORBEL TO BEAM AND POST.
- SQUARE AS NEEDED AND TIGHTEN ALL HARDWARE FROM PREVIOUS STEPS.



STEP 16A - FRAME ASSEMBLY

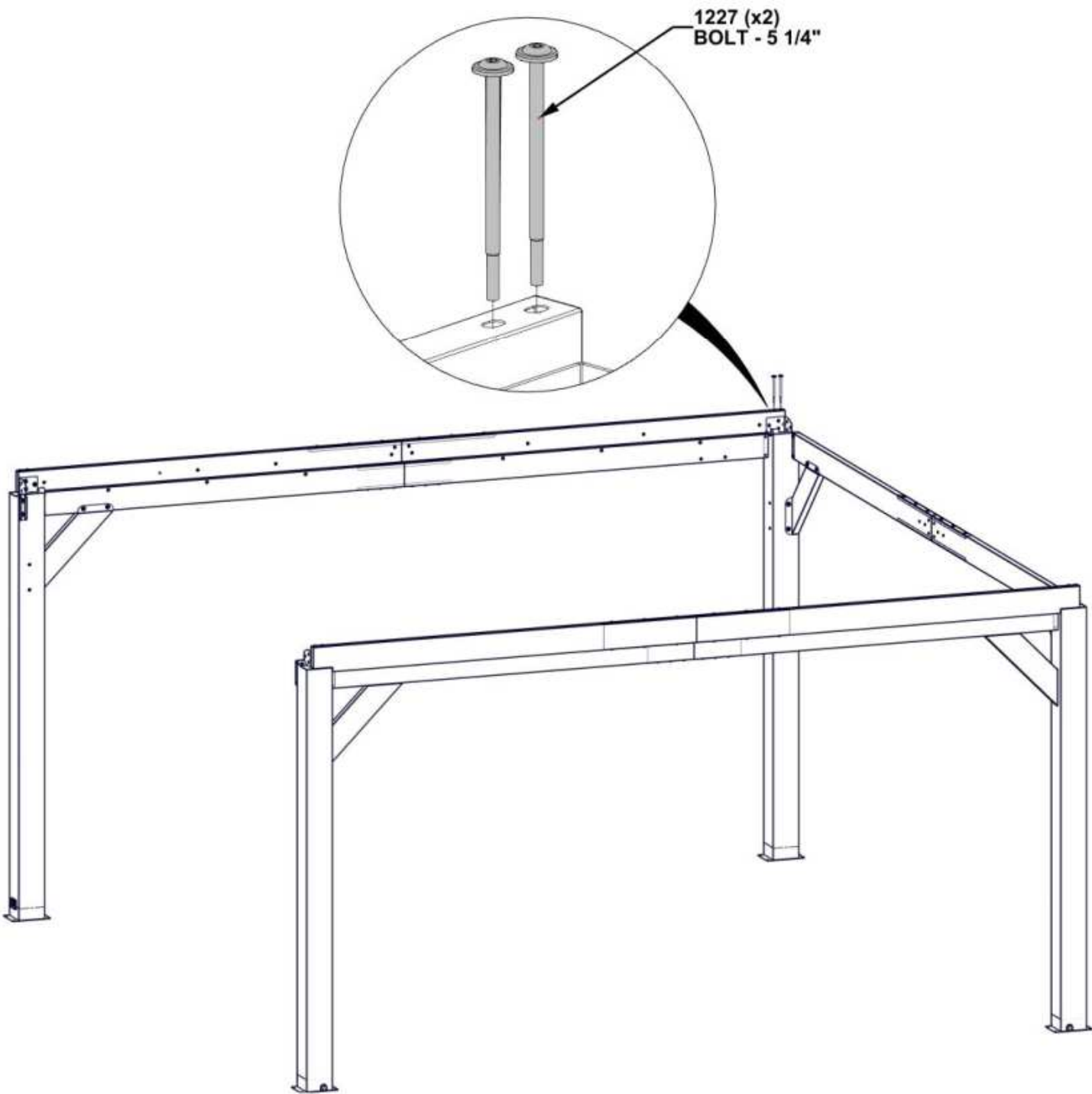
- WITH AT LEAST TWO OTHER PEOPLE, ATTACH BEAM AND POST ASSEMBLIES BY SLIDING ONTO BEAM BRACKET.



STEP 16B - FRAME ASSEMBLY

Qty	PartNo	Description
2	H101227	BOLT WH 5/16x5 1/4 S.S.

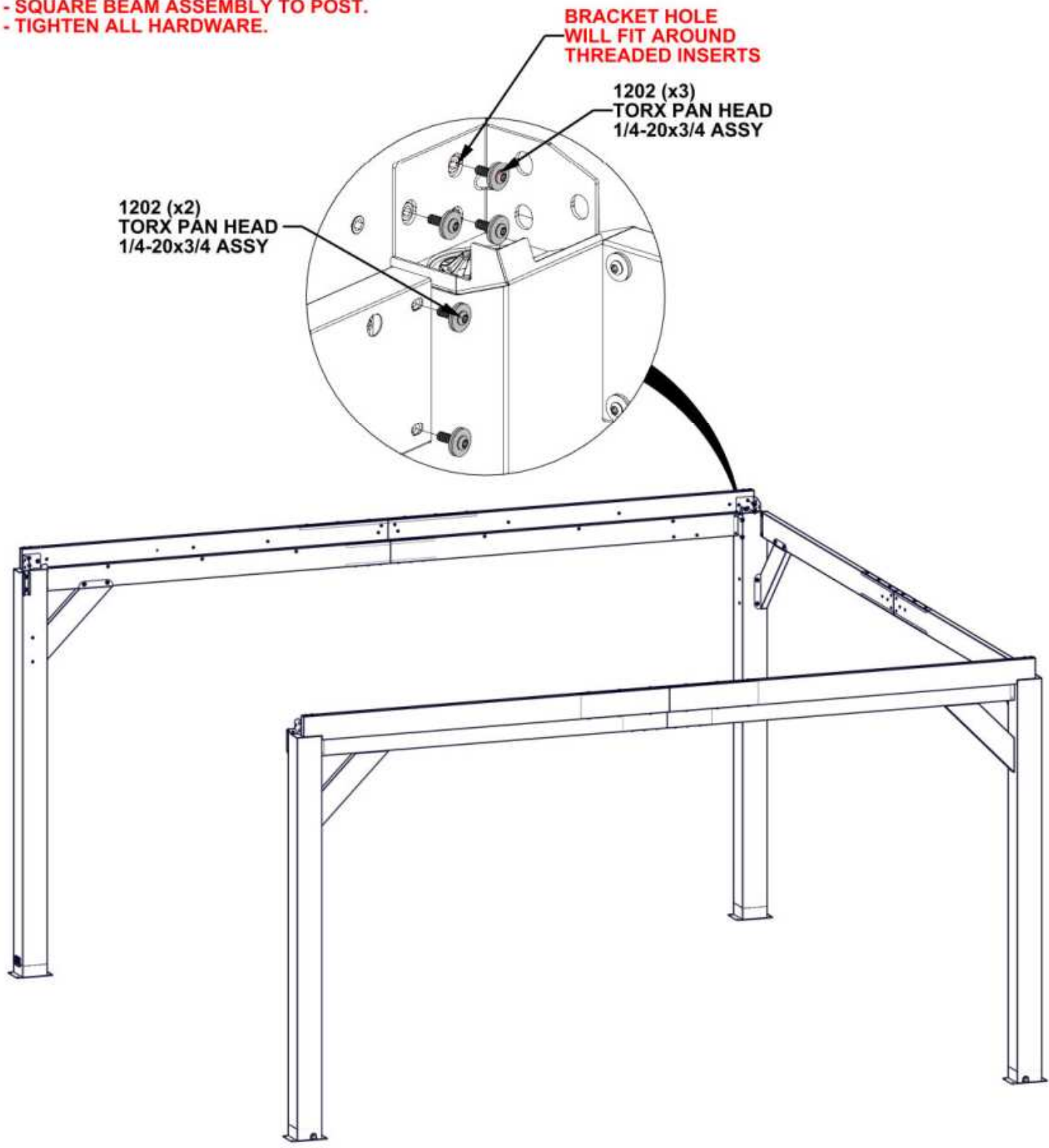
- HAND TIGHTEN ONLY.



STEP 16C - FRAME ASSEMBLY

Qty	PartNo	Description
5	H101202	TORX PAN HEAD 1/4-20x3/4 ASSY

- SQUARE BEAM ASSEMBLY TO POST.
- TIGHTEN ALL HARDWARE.



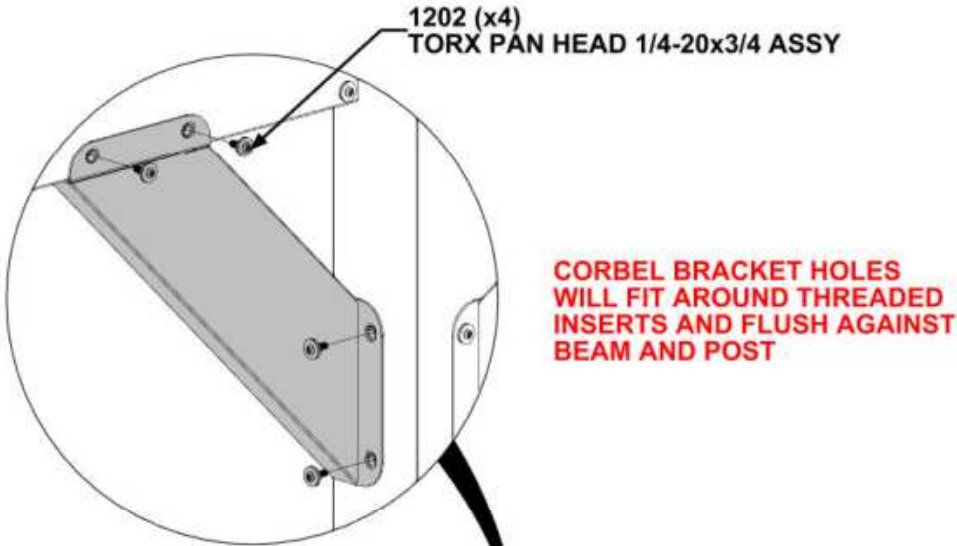
STEP 17 - FRAME ASSEMBLY

Qty	PartNo	Description
4	H101202	TORX PAN HEAD 1/4-20x3/4 ASSY

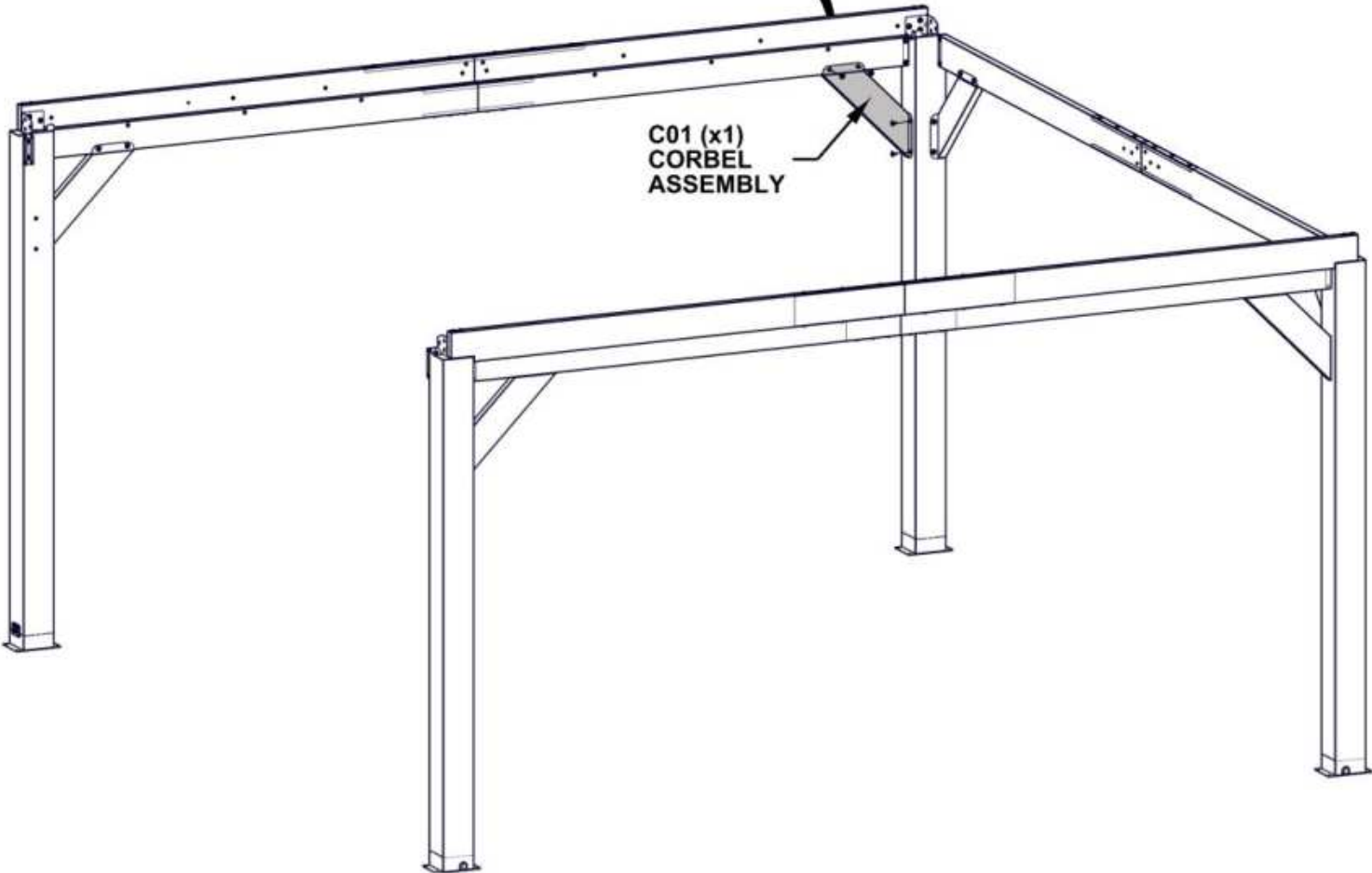


C01 CORBEL ASSEMBLY - A4M03525
(x1) 21 13/16"x5 1/4"x2 3/4" (70x134x553.5)

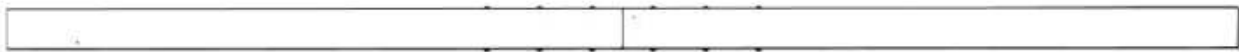
- ATTACH CORBEL TO BEAM AND POST.
- SQUARE AS NEEDED AND TIGHTEN ALL HARDWARE.



C01 (x1)
CORBEL
ASSEMBLY

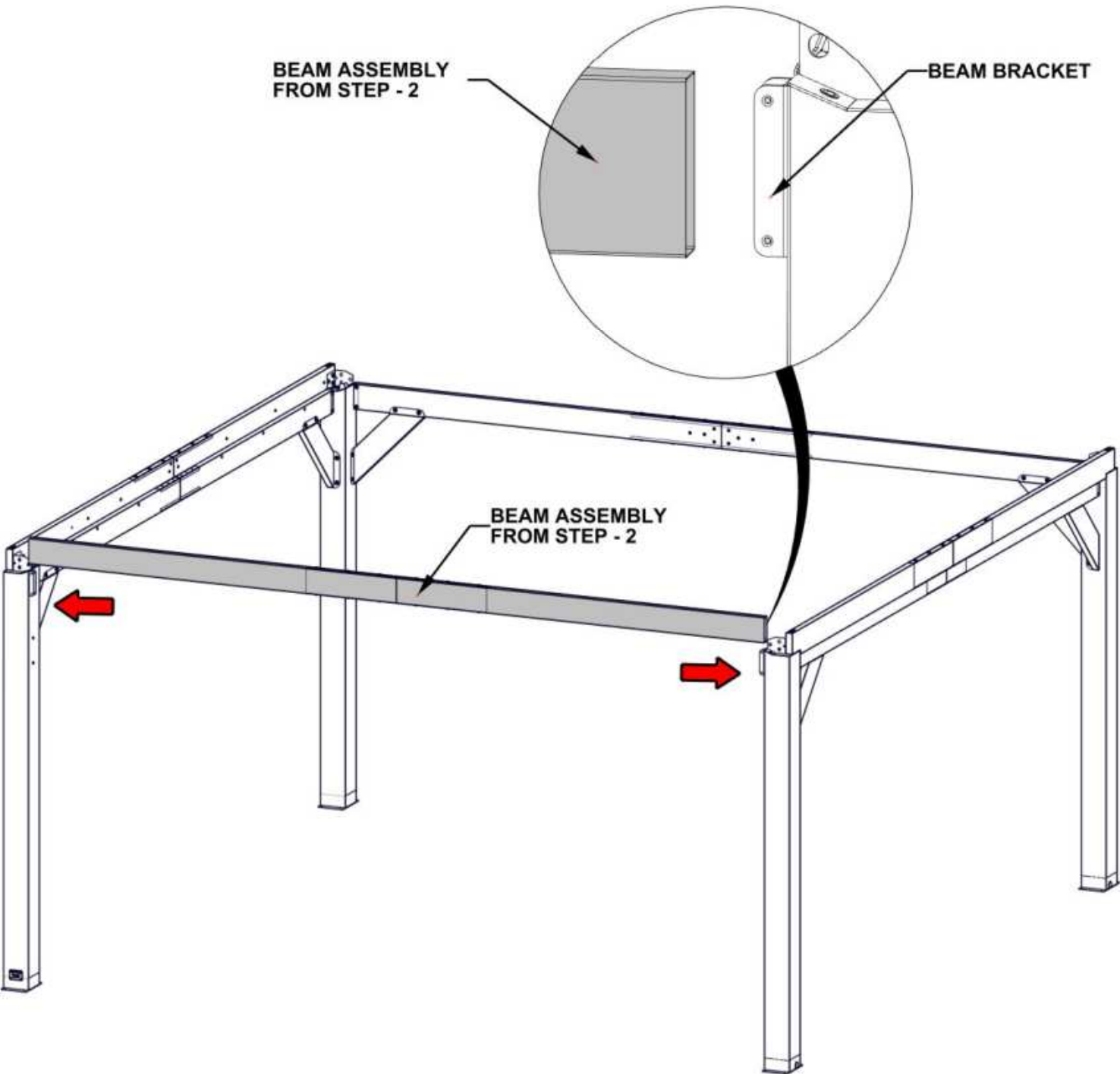


STEP 18A - FRAME ASSEMBLY



BEAM ASSEMBLY FROM STEP - 2

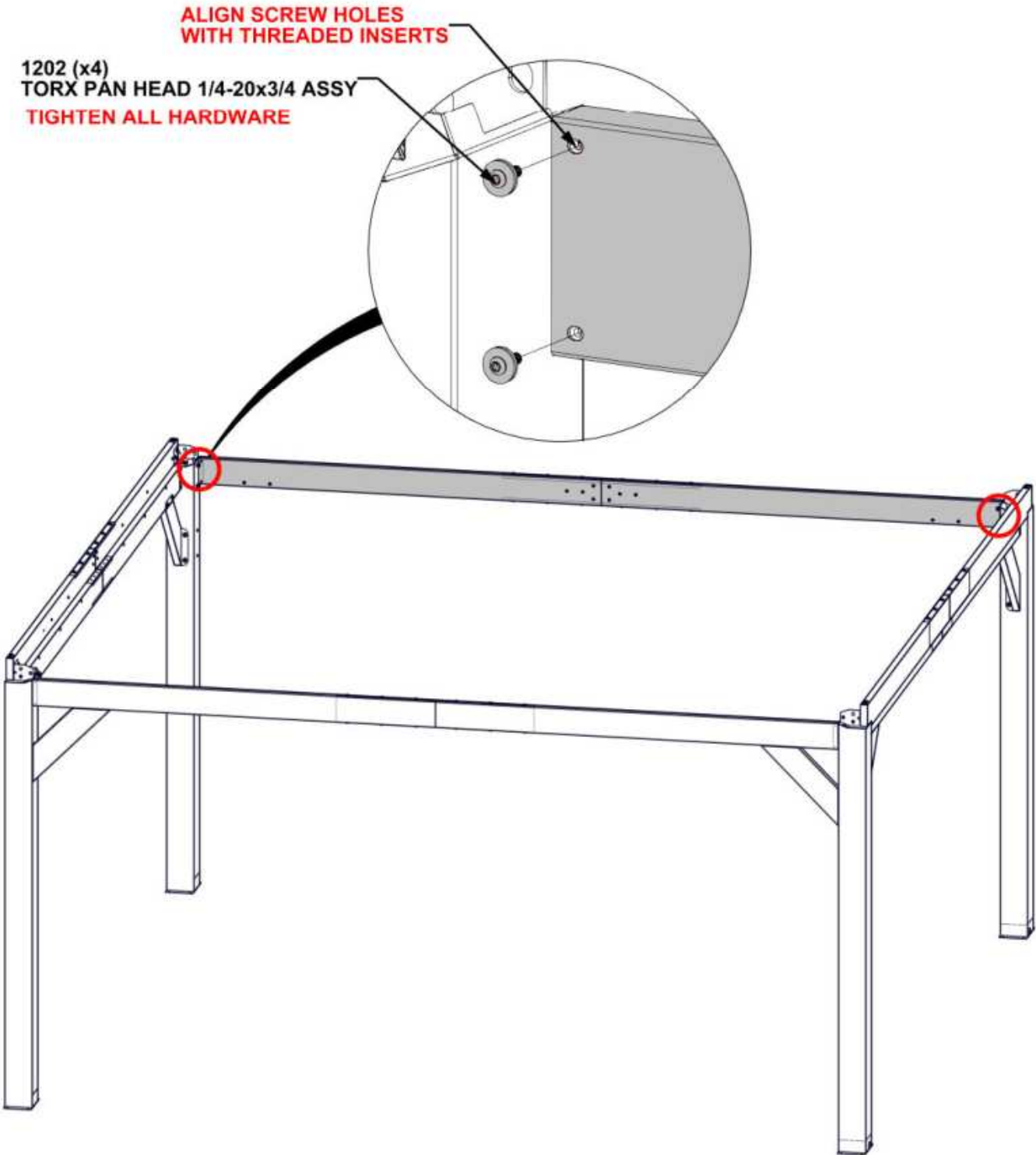
- WITH AT LEAST TWO OTHER PEOPLE, SPREAD POSTS APART ENOUGH TO ATTACH BEAM ASSEMBLY INTO BEAM BRACKETS.



STEP 18B - FRAME ASSEMBLY

Qty	PartNo	Description
4	H101202	TORX PAN HEAD 1/4-20x3/4 ASSY

- SQUARE BEAM ASSEMBLY TO POST.



STEP 19 - FRAME ASSEMBLY

Qty	PartNo	Description
8	H101202	TORX PAN HEAD 1/4-20x3/4 ASSY

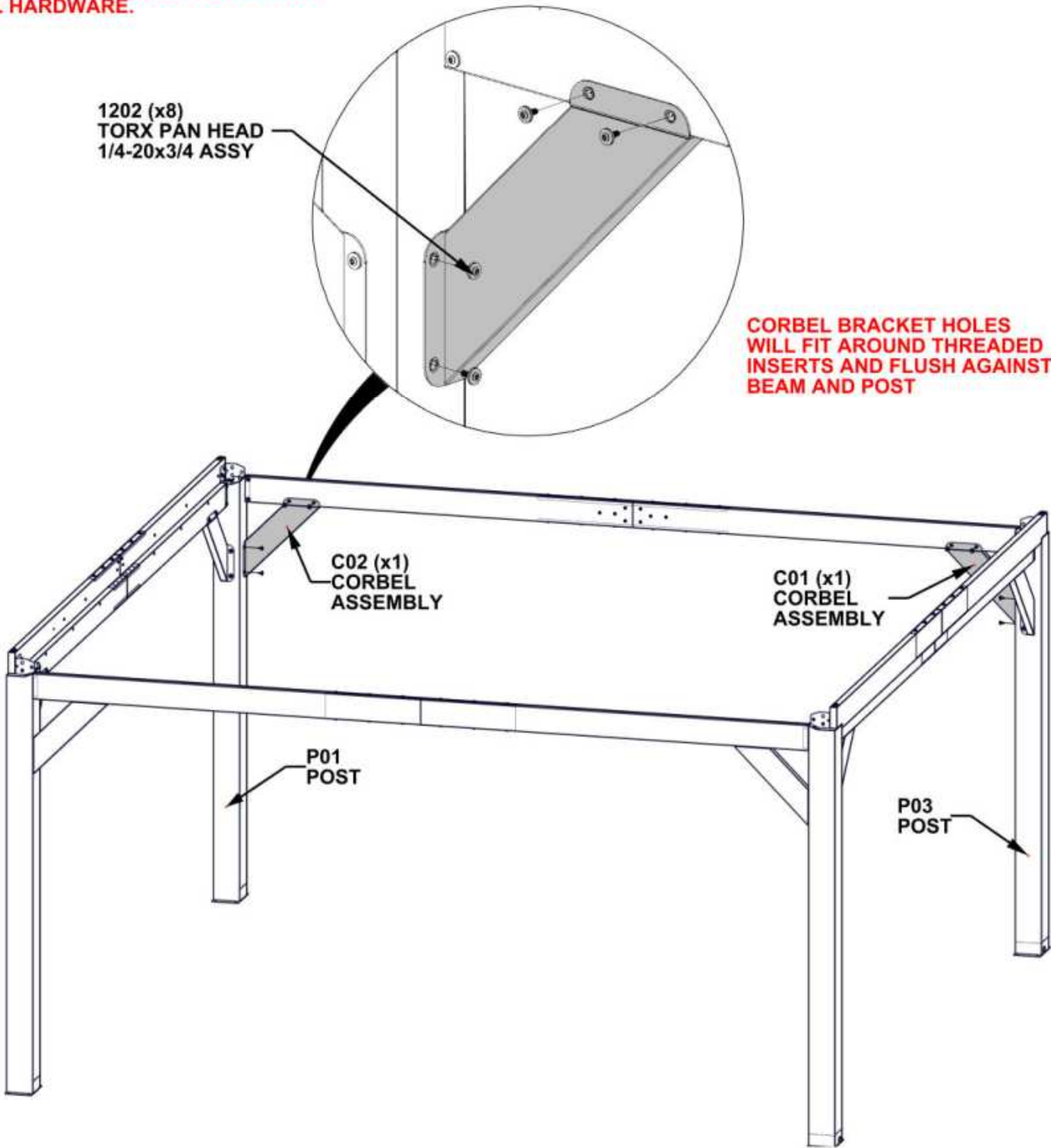


C01 CORBEL ASSEMBLY - A4M03525
(x1) 21 13/16"x5 1/4"x2 3/4" (70x134x553.5)



C02 CORBEL ASSEMBLY - A4M03526
(x1) 21 13/16"x5 1/4"x2 3/4" (70x134x553.5)

- ATTACH CORBELS TO BEAM AND POST.
- SQUARE AS NEEDED AND TIGHTEN ALL HARDWARE.

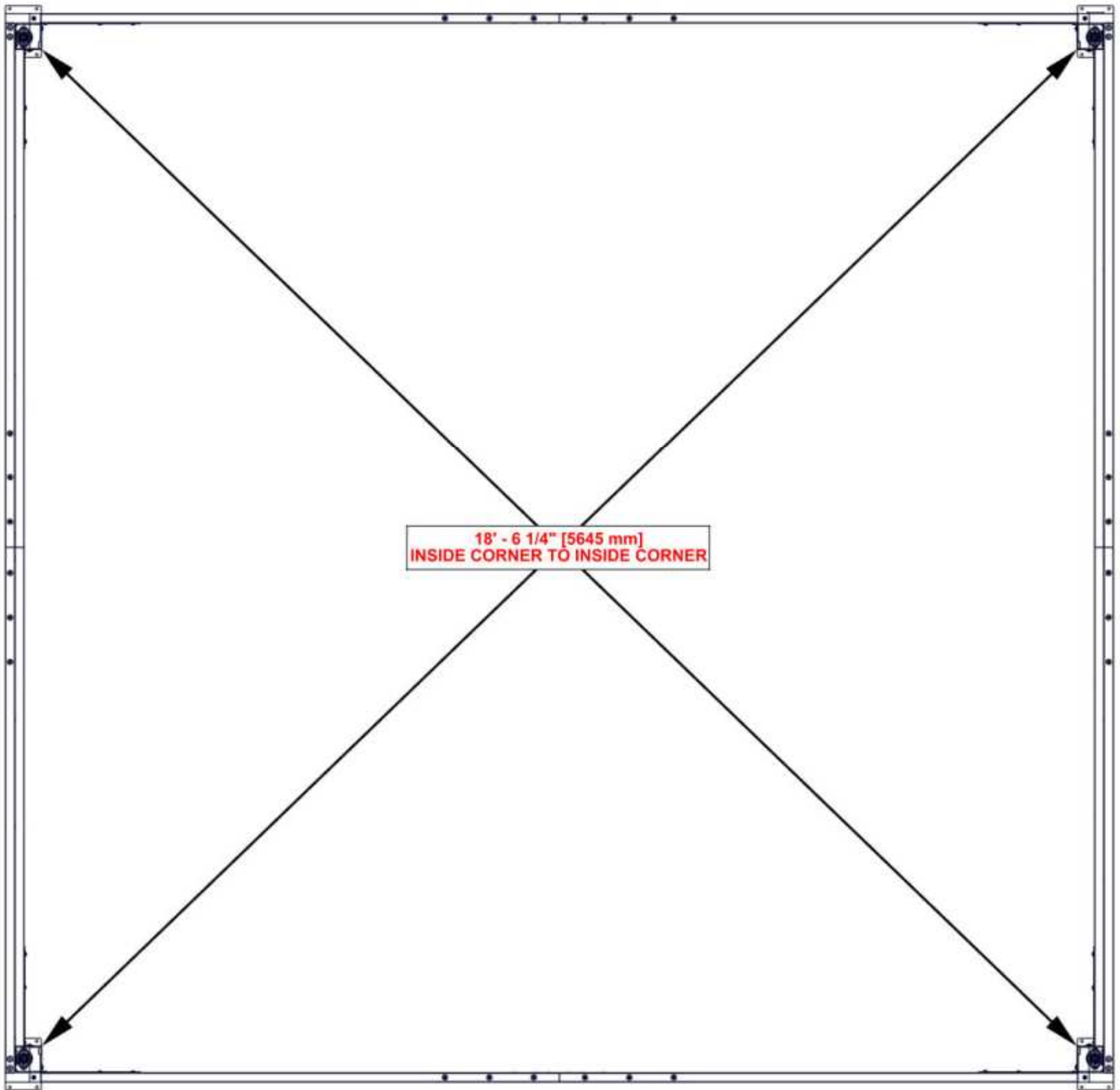


STEP 20 - SQUARE STRUCTURE

CRITICAL:

- SQUARE UNIT BEFORE PROCEEDING TO NEXT STEPS.
- THE BELOW DIMENSIONS ARE CRITICAL TO THE FINAL ASSEMBLY.
- MEASUREMENTS SHOULD BE WITHIN $\pm 1/4"$ (6mm).
- MEASUREMENTS OUTSIDE OF TOLERANCE WILL LEAD TO ISSUES ON FUTURE ASSEMBLY STEPS.
- TIGHTEN ALL HARDWARE FROM PREVIOUS STEPS.

MEASUREMENTS TAKEN FROM INSIDE CORNER TO INSIDE CORNER OF POST

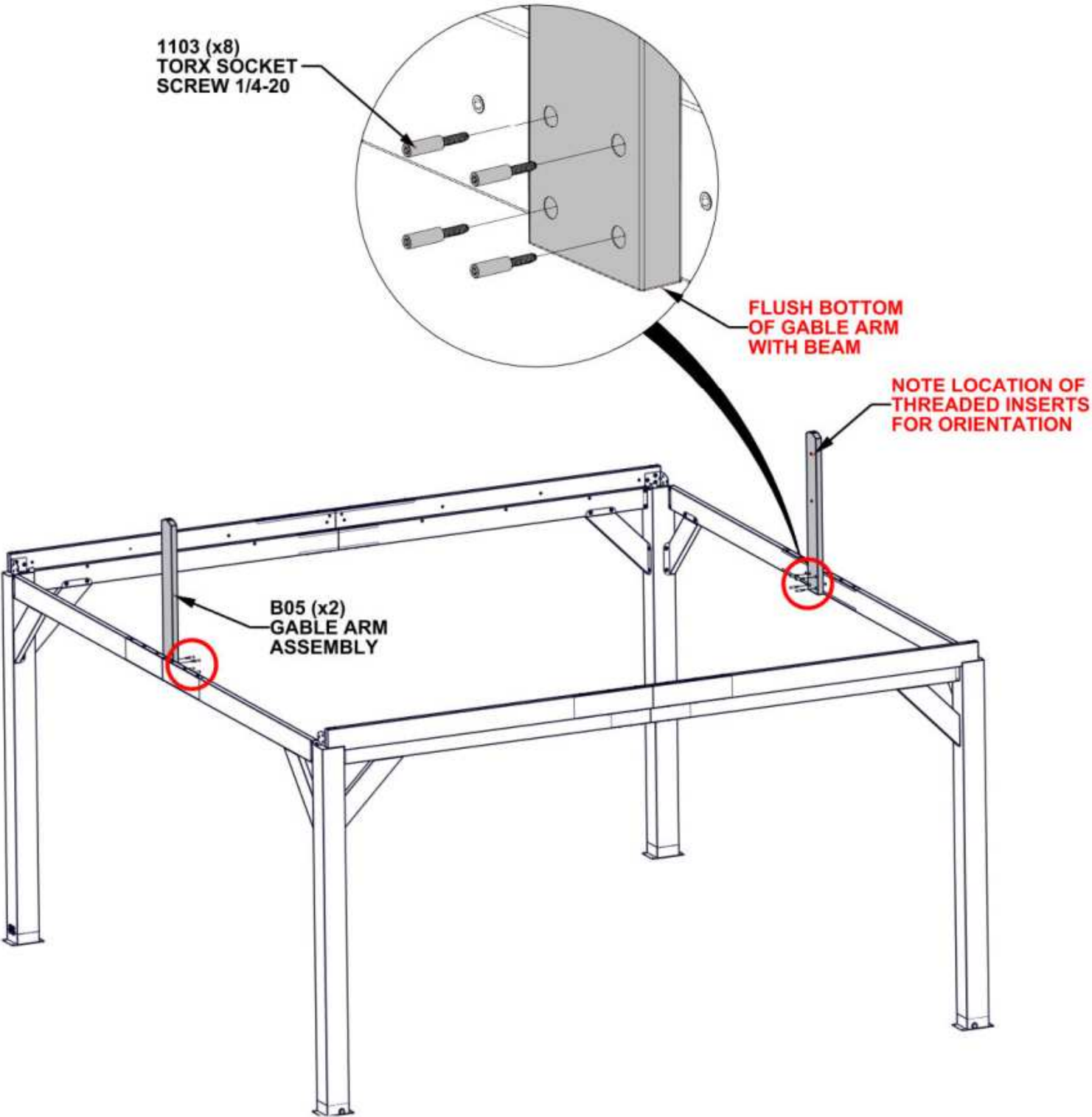


STEP 21 - GABLE ASSEMBLY

Qty	PartNo	Description
8	H101103	TORX SOCKET SCREW 1/4-20



B05 GABLE ARM ASSEMBLY - A4M05815
(x2) 1 7/16"x5 1/4"x37 3/8" (36x134x949)

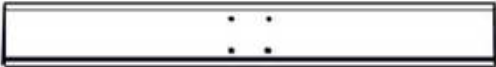


STEP 22A - RIDGE BEAM ASSEMBLY

Qty	PartNo	Description
6	H101202	TORX PAN HEAD 1/4-20x3/4 ASSY

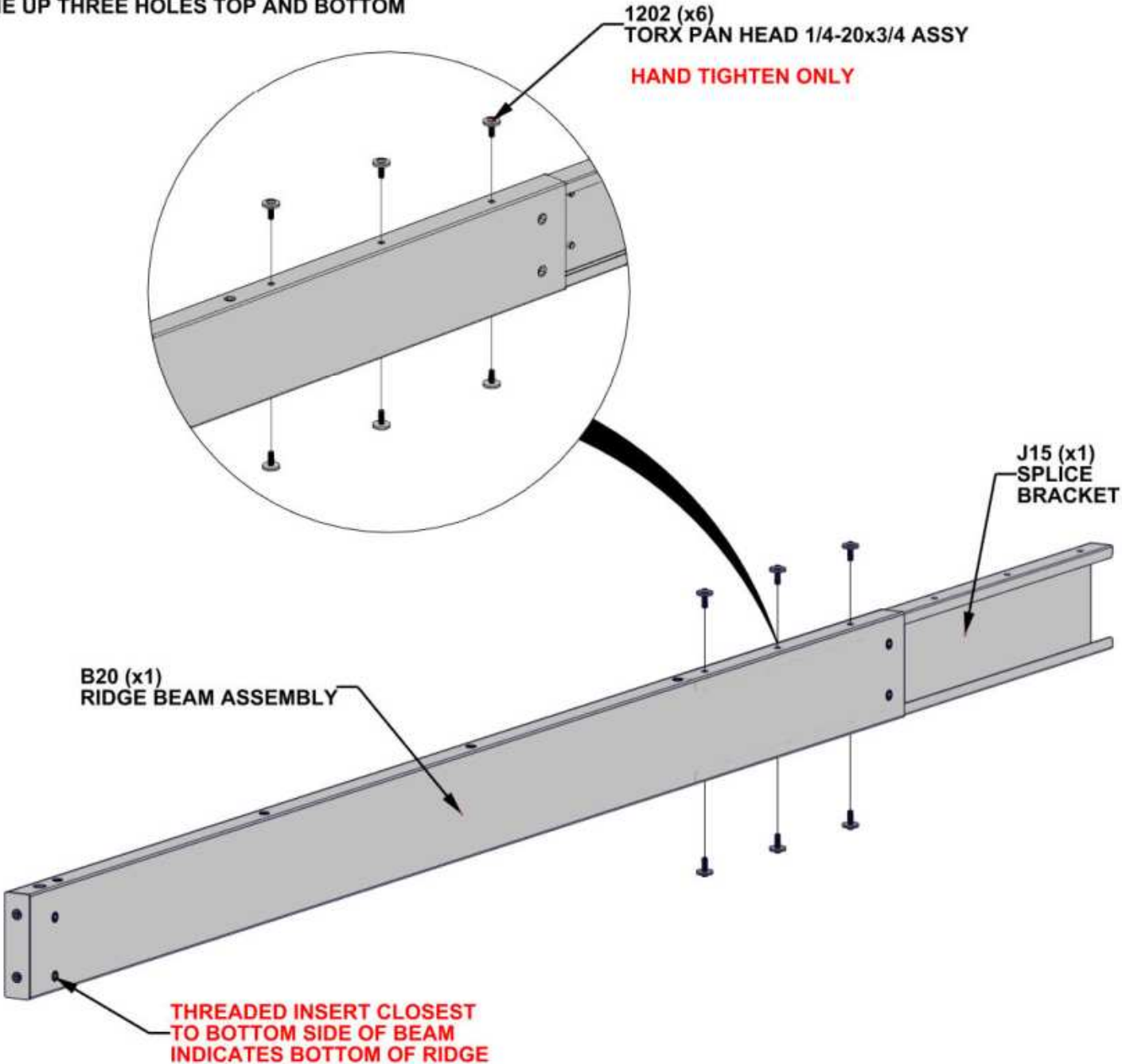


B20 RIDGE BEAM ASSEMBLY - A4M06482
(x1) 1 7/16"x5 1/4"x82 1/2" (36x134x2096)



J15 SPLICE BRACKET - A4M06330
(x1) 1 5/16"x5 3/16"x39 3/8" (33.2x131.2x1000)

- FOR EASE OF ASSEMBLY, WE RECOMMEND USING SAWHORSES FOR STEPS 22A-23A.
- BEAM AND SPLICE MUST BE ORIENTED AS SHOWN. SLIDE J15 INTO B20 AND LINE UP THREE HOLES TOP AND BOTTOM



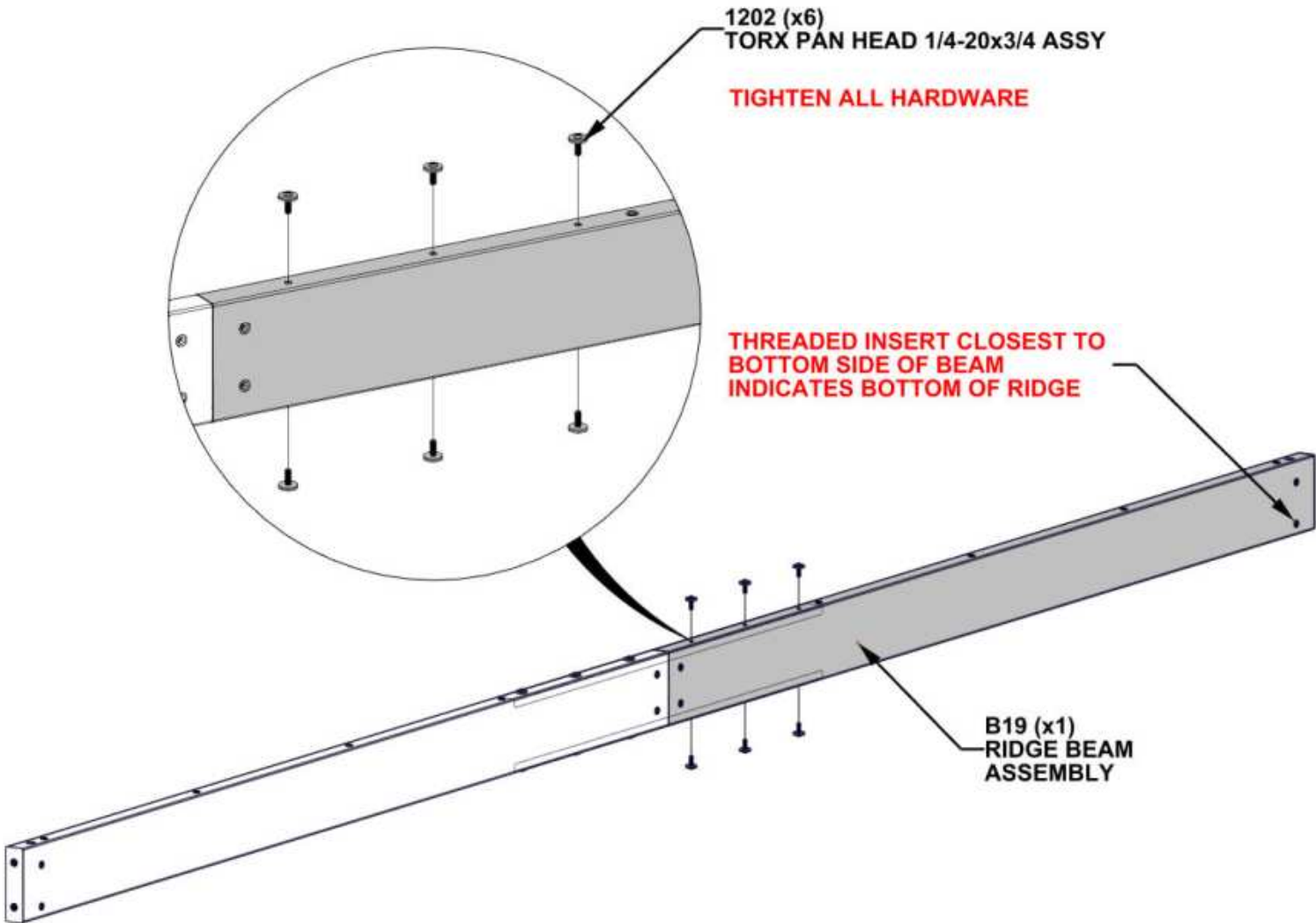
STEP 22B - RIDGE BEAM ASSEMBLY

Qty	PartNo	Description
6	H101202	TORX PAN HEAD 1/4-20x3/4 ASSY



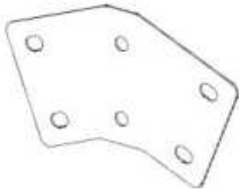
B19 RIDGE BEAM ASSEMBLY - A4M06481
(x1) 1 7/16"x5 1/4"x82 1/2" (36x134x2096)

- SLIDE B19 ONTO SPLICE BRACKET.
GENTLY TAP ENDS OF ASSEMBLY WITH
RUBBER Mallet UNTIL GAP CLOSES.

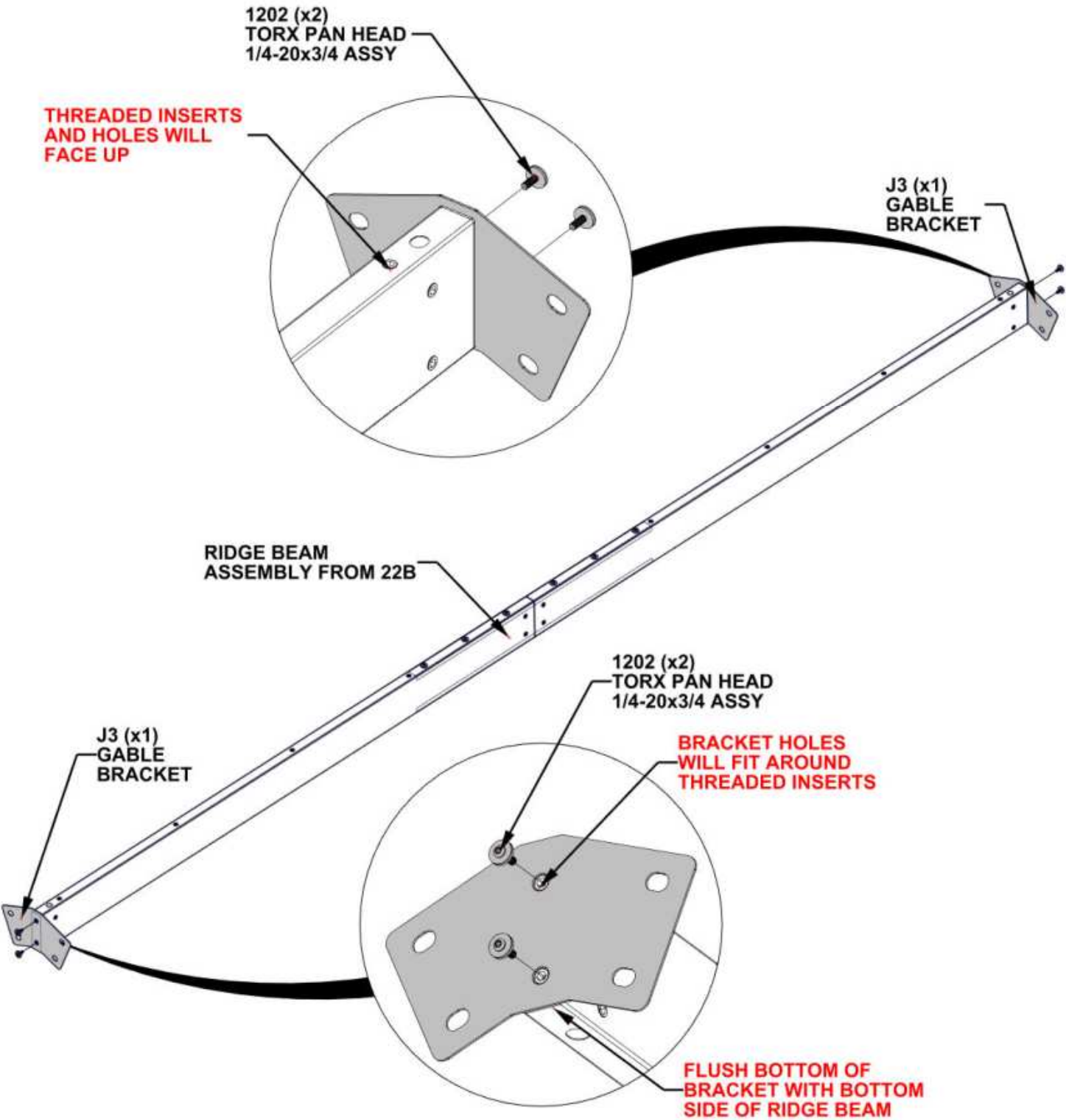


STEP 23A - RIDGE BEAM ASSEMBLY

Qty	PartNo	Description
4	H101202	TORX PAN HEAD 1/4-20x3/4 ASSY



J3 GABLE BRACKET - A4M05824
(x2) 1/16"x6 9/16"x10 15/16" (2x167x277)



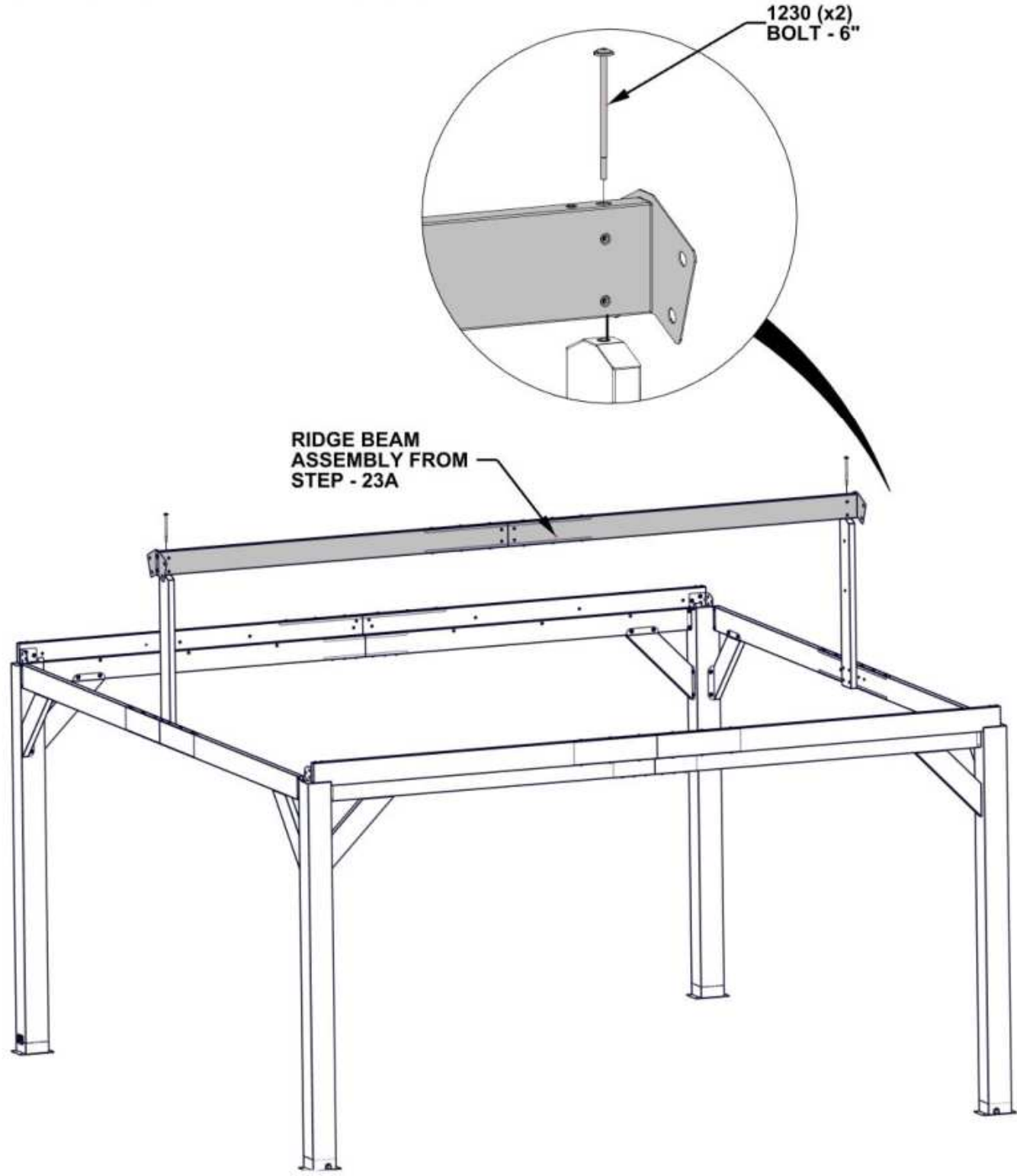
STEP 23B - RIDGE ASSEMBLY

Qty	PartNo	Description
2	H101230	BOLT WH 5/16x6 S.S.



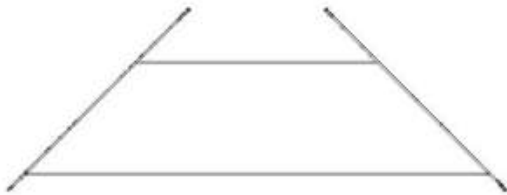
RIDGE BEAM ASSEMBLY FROM STEP - 23A

- WITH AT LEAST TWO PEOPLE, ATTACH RIDGE ASSEMBLY TO GABLE UPRIGHTS.



STEP 23C - RIDGE ASSEMBLY

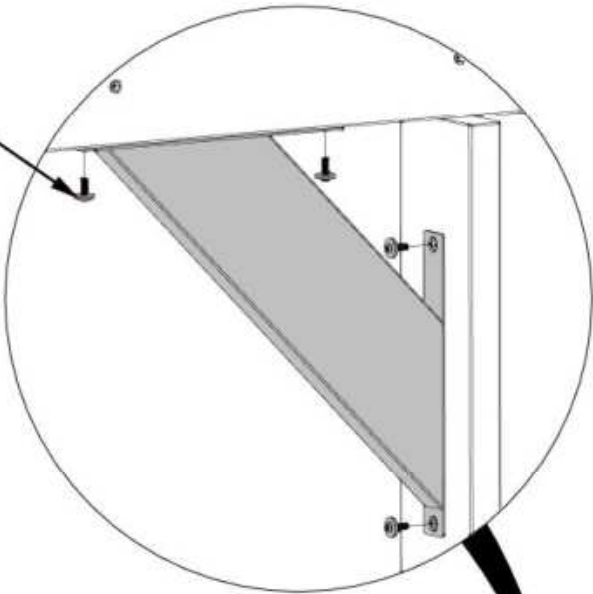
Qty	PartNo	Description
8	H101202	TORX PAN HEAD 1/4-20x3/4 ASSY



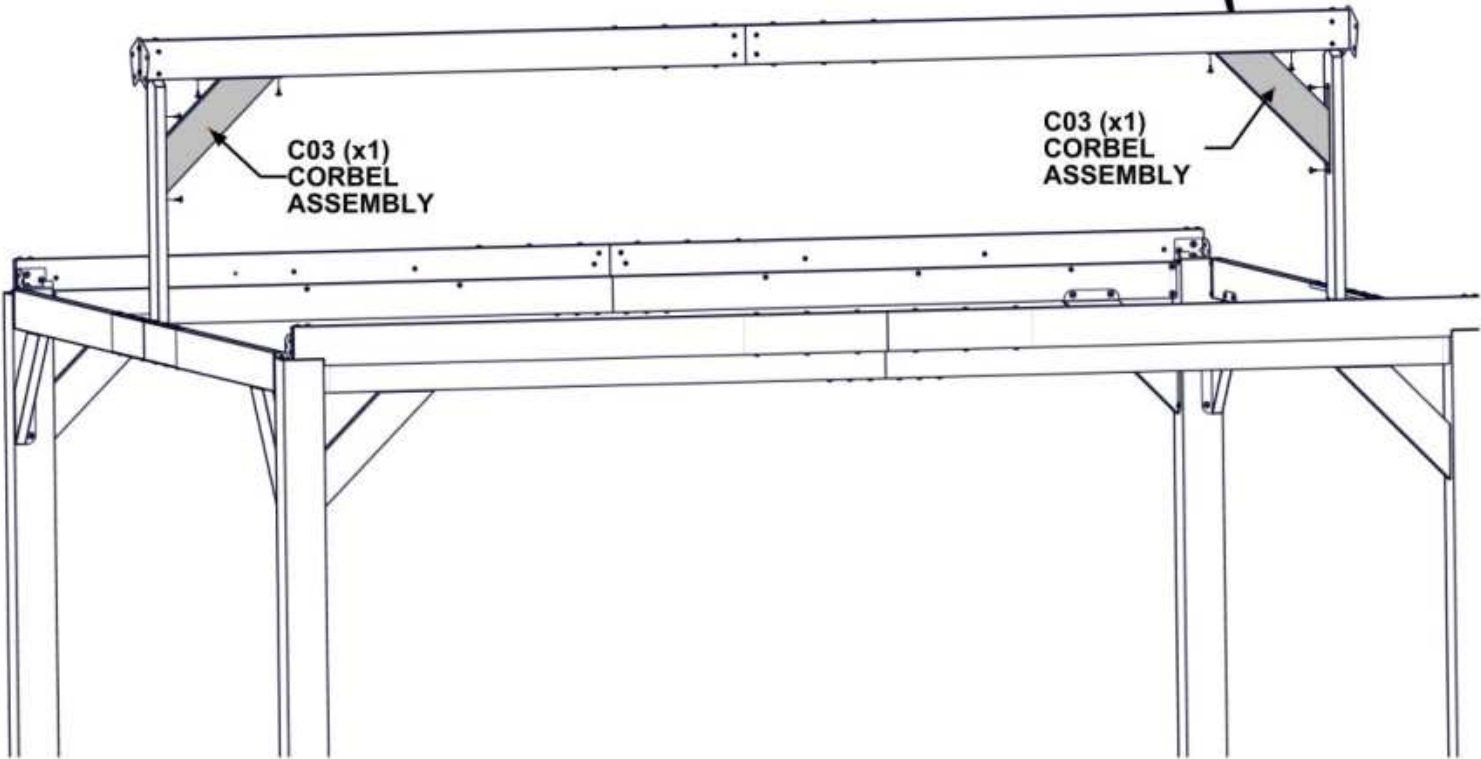
C03 CORBEL ASSEMBLY - A4M03527
(x2) 23 3/8"x12"x1 7/16" (36x304x593)

- IT IS RECOMMENDED TO USE PROVIDED ANGLE DRIVER TO INSTALL HARDWARE IN THIS STEP.
- ATTACH CORBELS TO RIDGE BEAM AND GABLE UPRIGHTS.
- **SQUARE AS NEEDED AND TIGHTEN HARDWARE.**

1202 (x8)
TORX PAN HEAD 1/4-20x3/4 ASSY



**CORBEL BRACKET HOLES
WILL FIT AROUND THREADED
INSERTS AND FLUSH AGAINST
RIDGE BEAM AND GABLE**



C03 (x1)
CORBEL
ASSEMBLY

C03 (x1)
CORBEL
ASSEMBLY

STEP 24A - GABLE ASSEMBLY

Qty	PartNo	Description
4	H101202	TORX PAN HEAD 1/4-20x3/4 ASSY

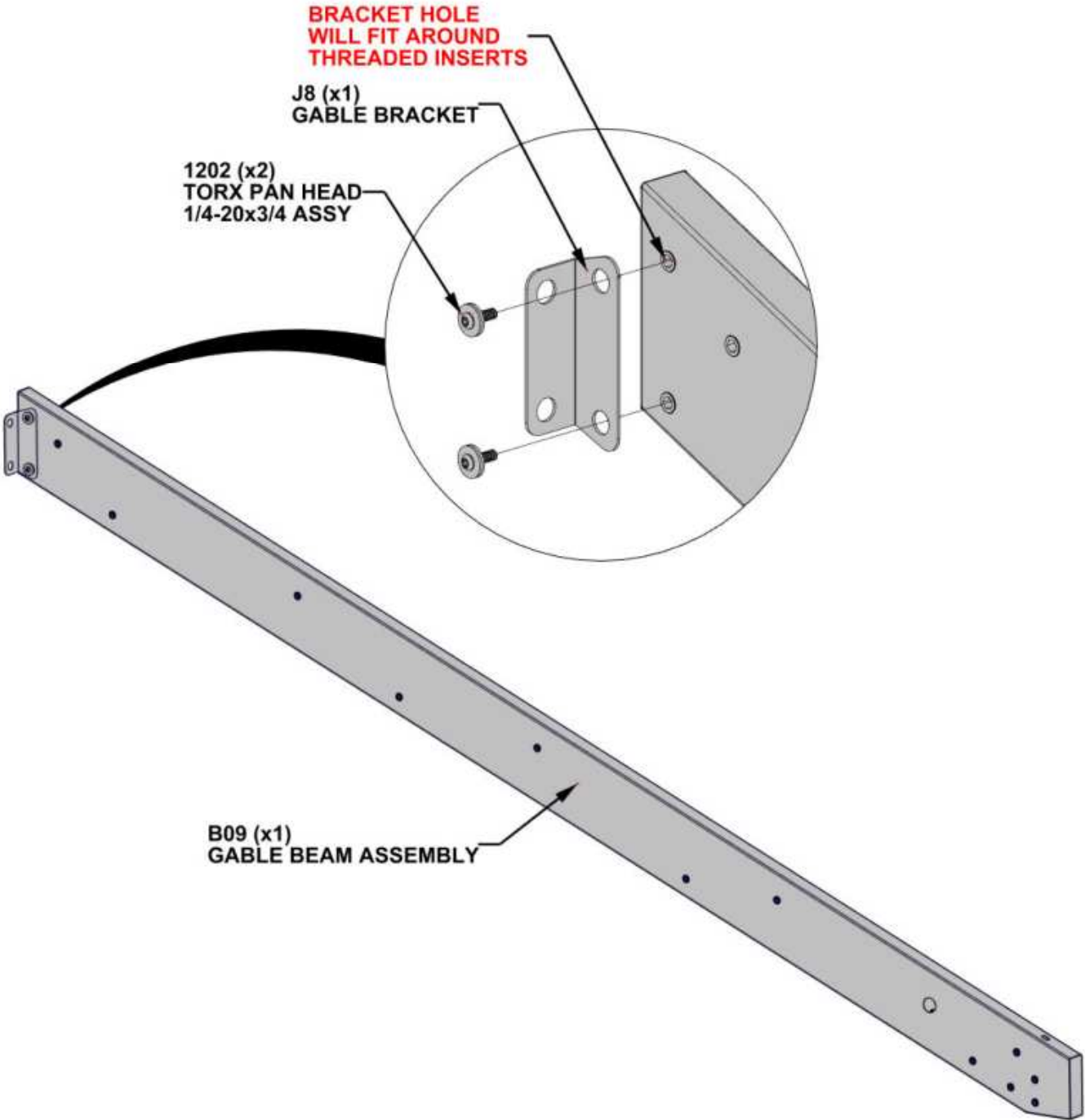


B09 GABLE BEAM ASSEMBLY - A4M05820
(x2) 1 7/16"x5 1/4"x93 3/16" (36x134x2367.5)



J8 GABLE BRACKET - A4M03804
(x2) 4 13/16"x1 9/16"x1 9/16" (40x40x123)

- FOR EASE OF ASSEMBLY, WE RECOMMEND
USING SAWHORSES FOR STEPS 24A-24B.
- REPEAT THIS STEP 2 TIMES.



STEP 24B - GABLE ASSEMBLY

Qty	PartNo	Description
4	H101202	TORX PAN HEAD 1/4-20x3/4 ASSY

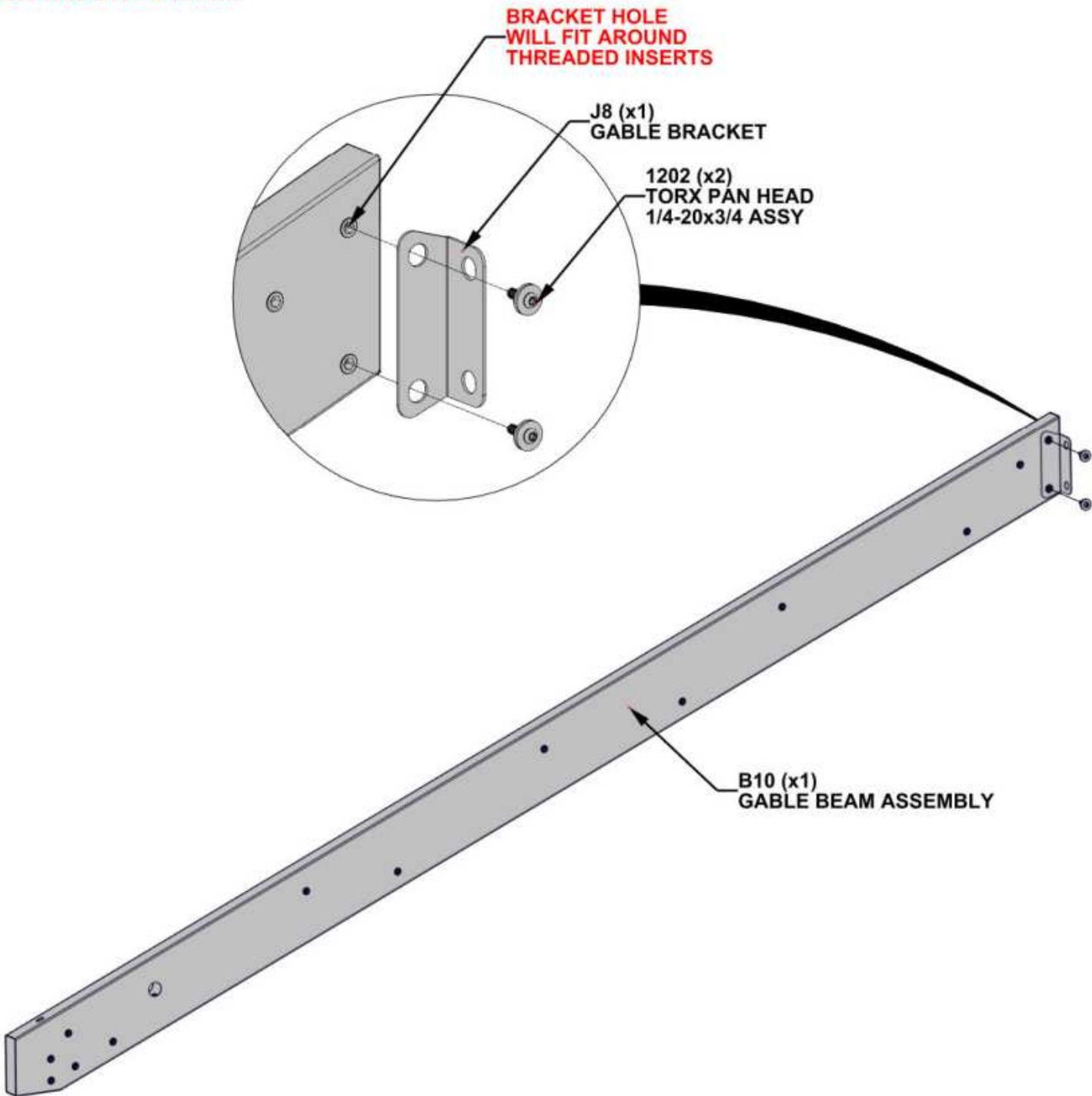


B10 GABLE BEAM ASSEMBLY - A4M05821
(x2) 1 7/16"x5 1/4"x93 3/16" (36x134x2367.5)



J8 GABLE BRACKET - A4M03804
(x2) 4 13/16"x1 9/16"x1 9/16" (40x40x123)

- REPEAT THIS STEP 2 TIMES.



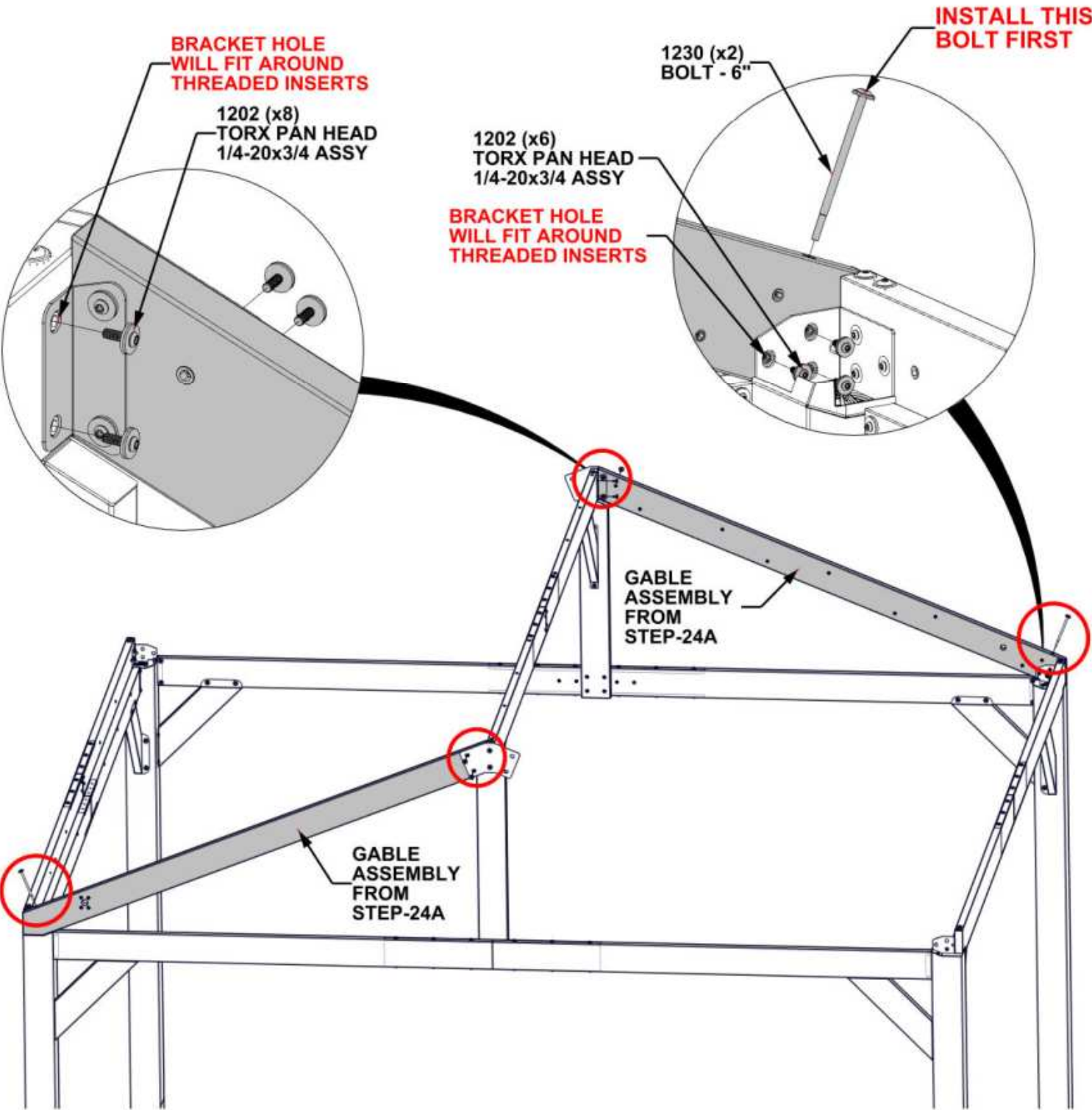
STEP 24C - ROOF ASSEMBLY

Qty	PartNo	Description
2	H101230	BOLT WH 5/16x6 S.S.
14	H101202	TORX PAN HEAD 1/4-20x3/4 ASSY



GABLE ASSEMBLY FROM STEP-24A
(x2)

- WITH AT LEAST TWO ADDITIONAL PEOPLE, FLUSH GABLE ASSEMBLY WITH POST AND THEN ATTACH SCREWS.



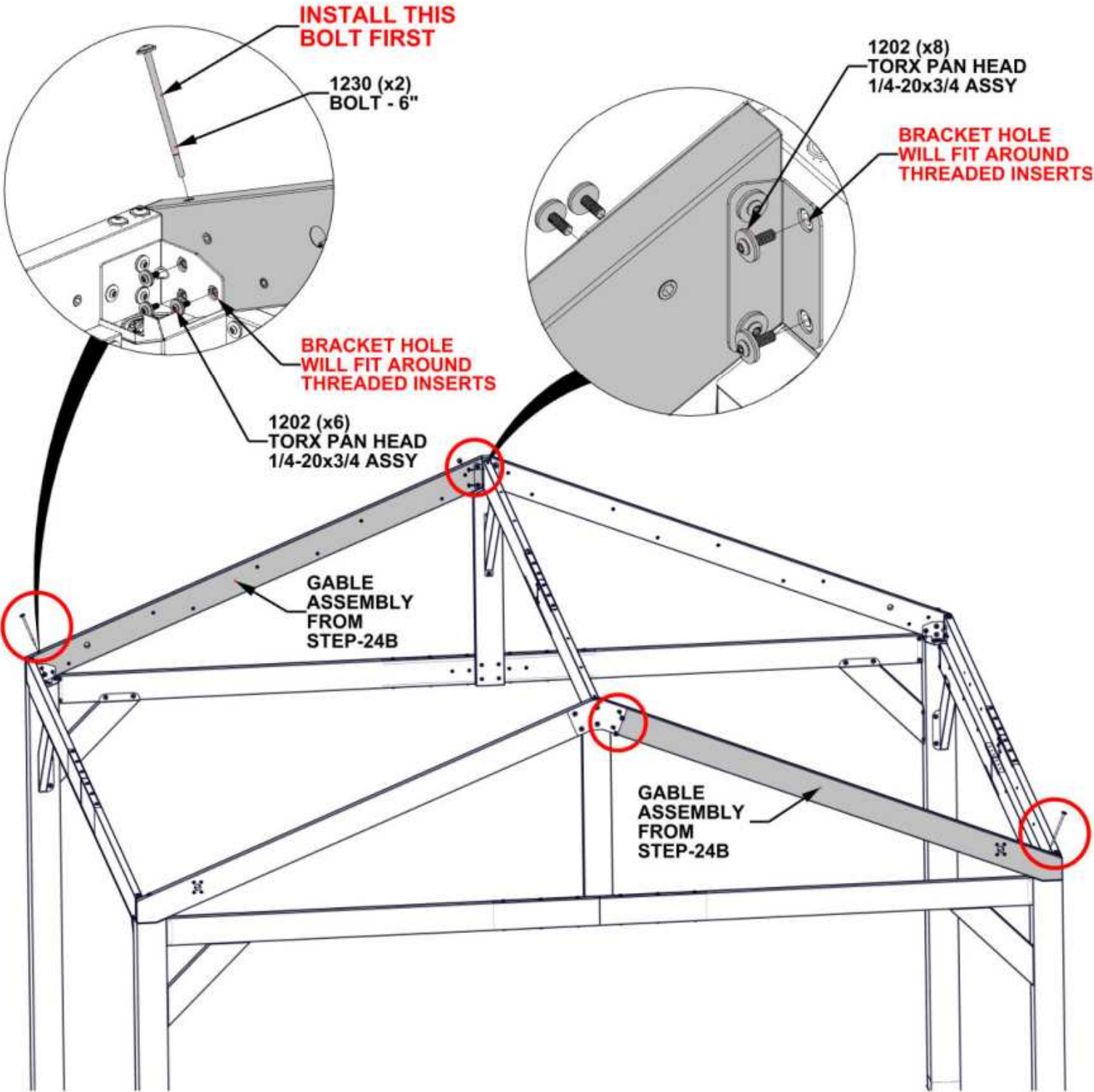
STEP 24D - ROOF ASSEMBLY

Qty	PartNo	Description
2	H101230	BOLT WH 5/16x6 S.S.
14	H101202	TORX PAN HEAD 1/4-20x3/4 ASSY



GABLE ASSEMBLY FROM STEP-24B
(x2)

- WITH AT LEAST TWO ADDITIONAL PEOPLE, FLUSH GABLE ASSEMBLY WITH POST AND THEN ATTACH SCREWS.



STEP 25 - ROOF ASSEMBLY

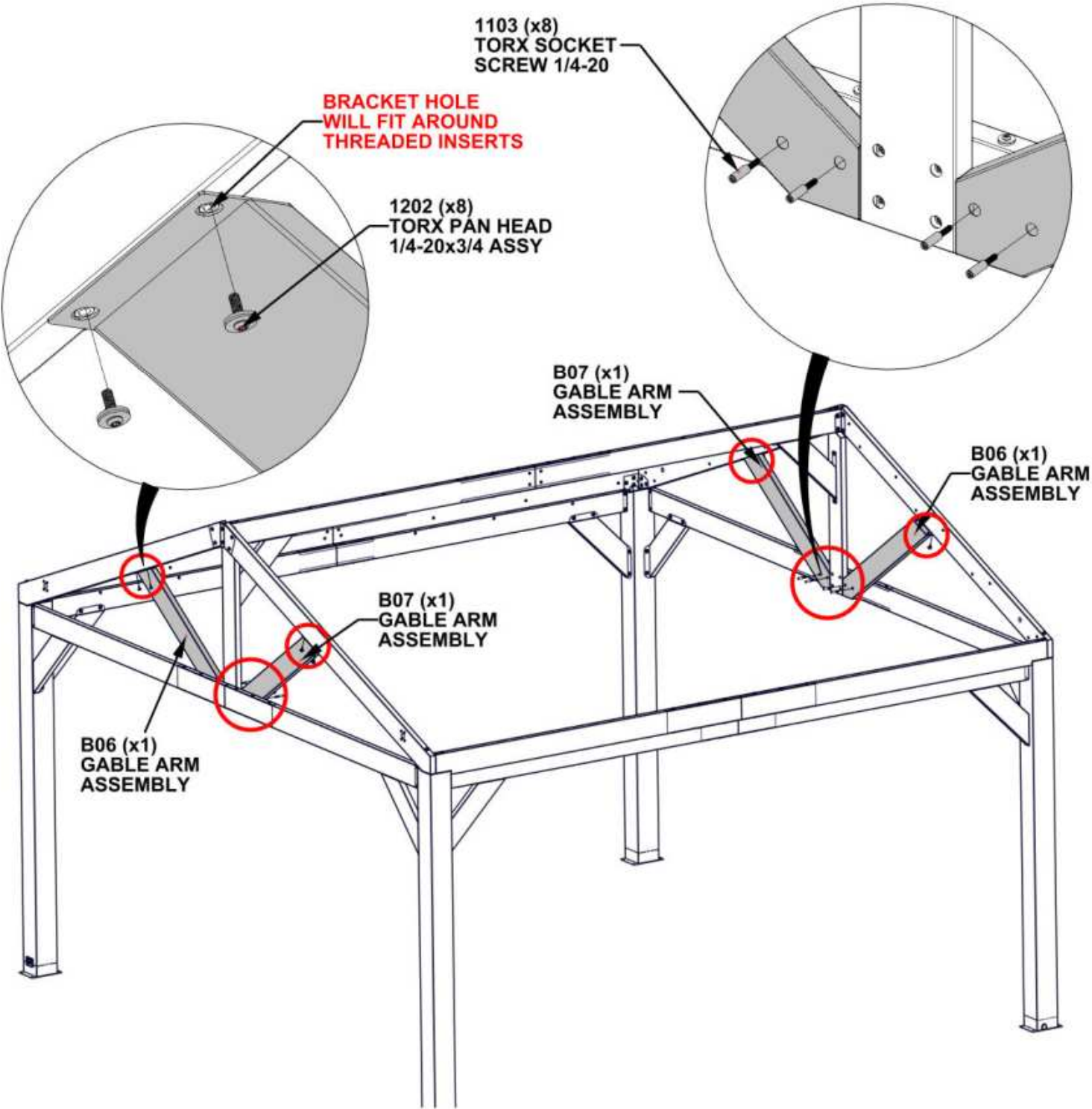
Qty	PartNo	Description
8	H101202	TORX PAN HEAD 1/4-20x3/4 ASSY
8	H101103	TORX SOCKET SCREW 1/4-20



B06 GABLE ARM ASSEMBLY - A4M05816
(x2) 1 7/16"x5 1/4"x41 7/8" (36x134x1063.3)



B07 GABLE ARM ASSEMBLY - A4M05817
(x2) 1 7/16"x5 1/4"x41 7/8" (36x134x1063)



STEP 26A - ROOF ASSEMBLY

Qty	PartNo	Description
4	H101202	TORX PAN HEAD 1/4-20x3/4 ASSY

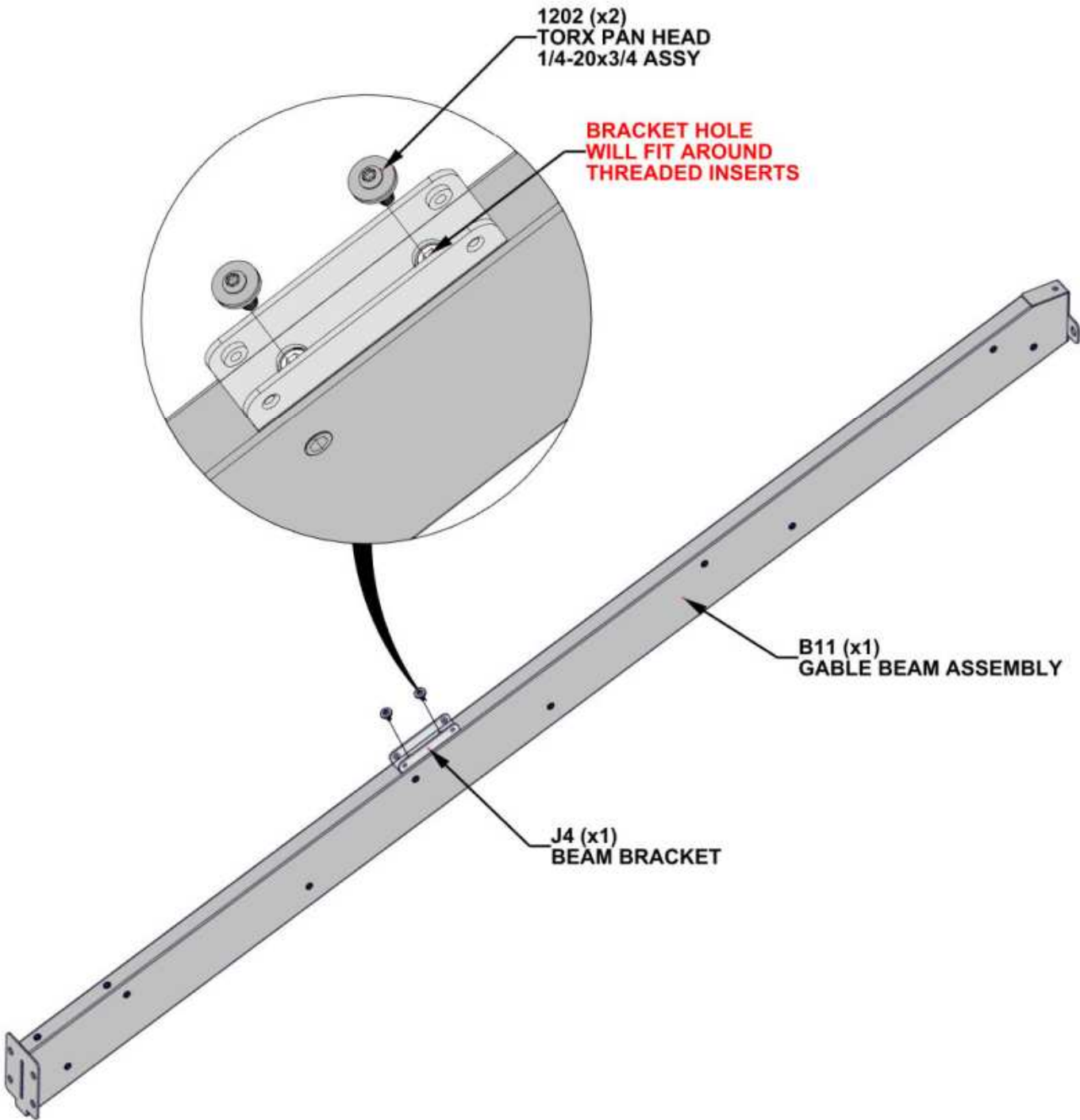


B11 GABLE BEAM ASSEMBLY - A4M05822
(x2) 4 1/8"x5 1/4"x91 3/4" (105x134x2330.9)



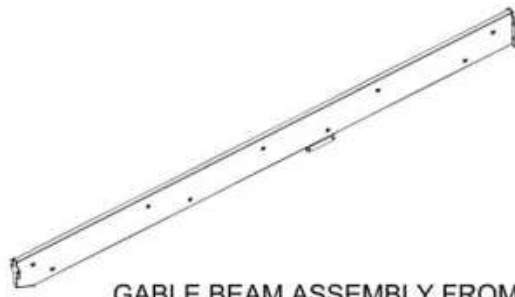
J4 BEAM BRACKET - A4M02990
(x2) 1"x1 5/16"x5 1/16" (25x33.2x128)

- REPEAT THIS STEP 2 TIMES.



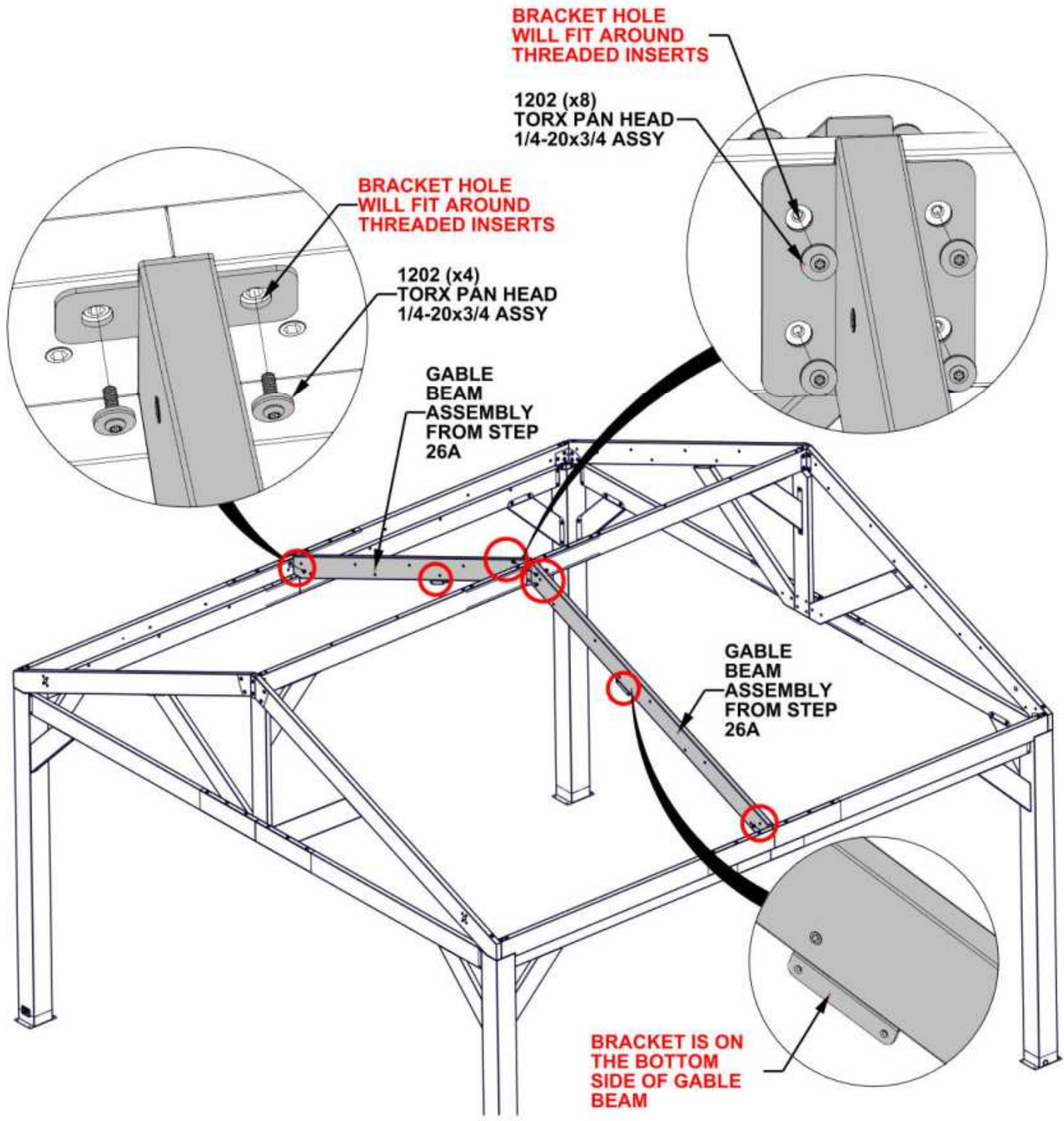
STEP 26B - ROOF ASSEMBLY

Qty	PartNo	Description
12	H101202	TORX PAN HEAD 1/4-20x3/4 ASSY



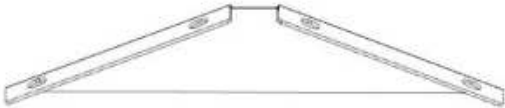
GABLE BEAM ASSEMBLY FROM STEP 26A
(x2)

- ATTACH GABLE BEAM ASSEMBLY FROM STEP 26A AS SHOWN BELOW.

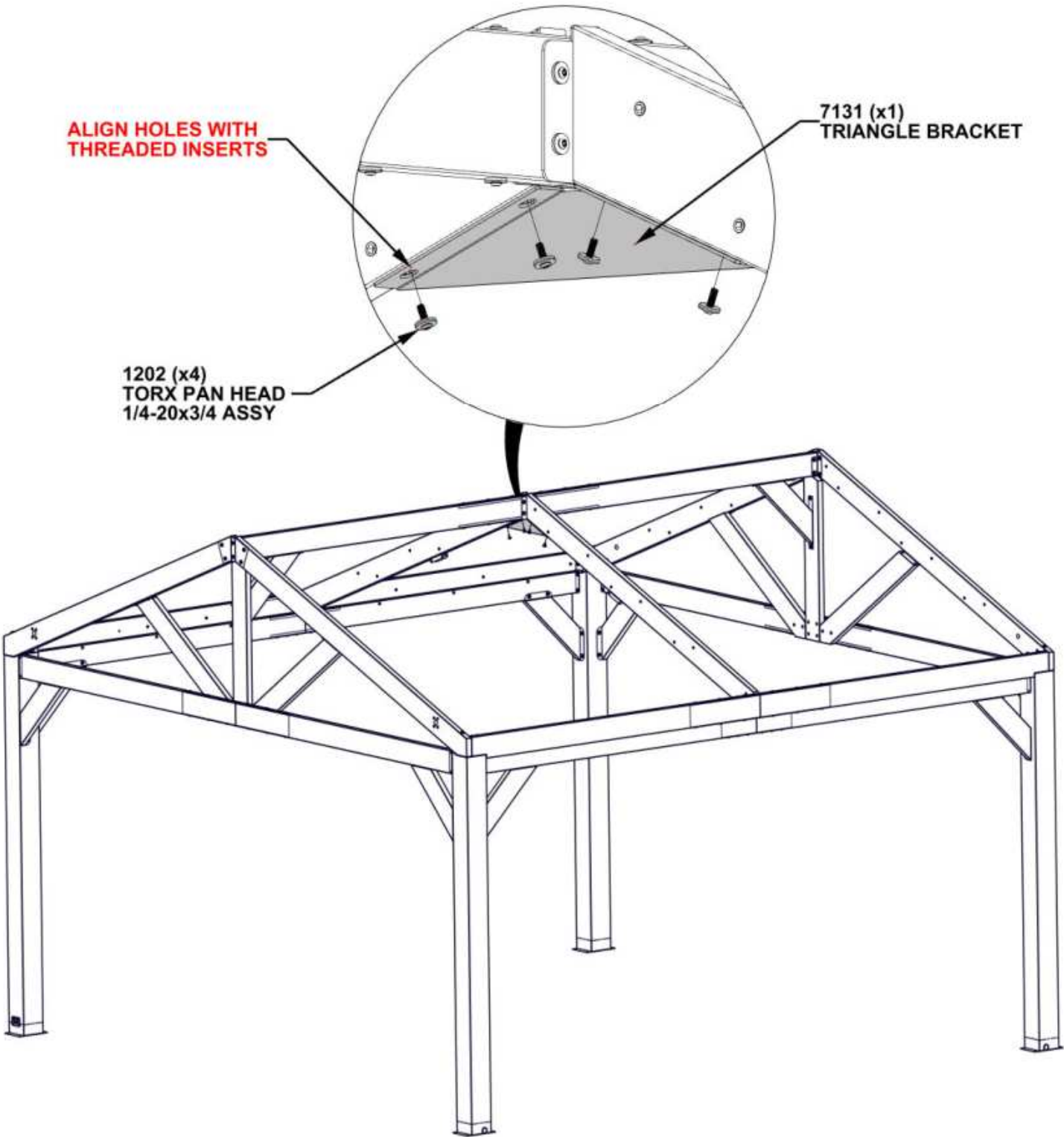


STEP 26C - ROOF ASSEMBLY

Qty	PartNo	Description
4	H101202	TORX PAN HEAD 1/4-20x3/4 ASSY



A4M07131 TRIANGLE BRACKET
(x1)



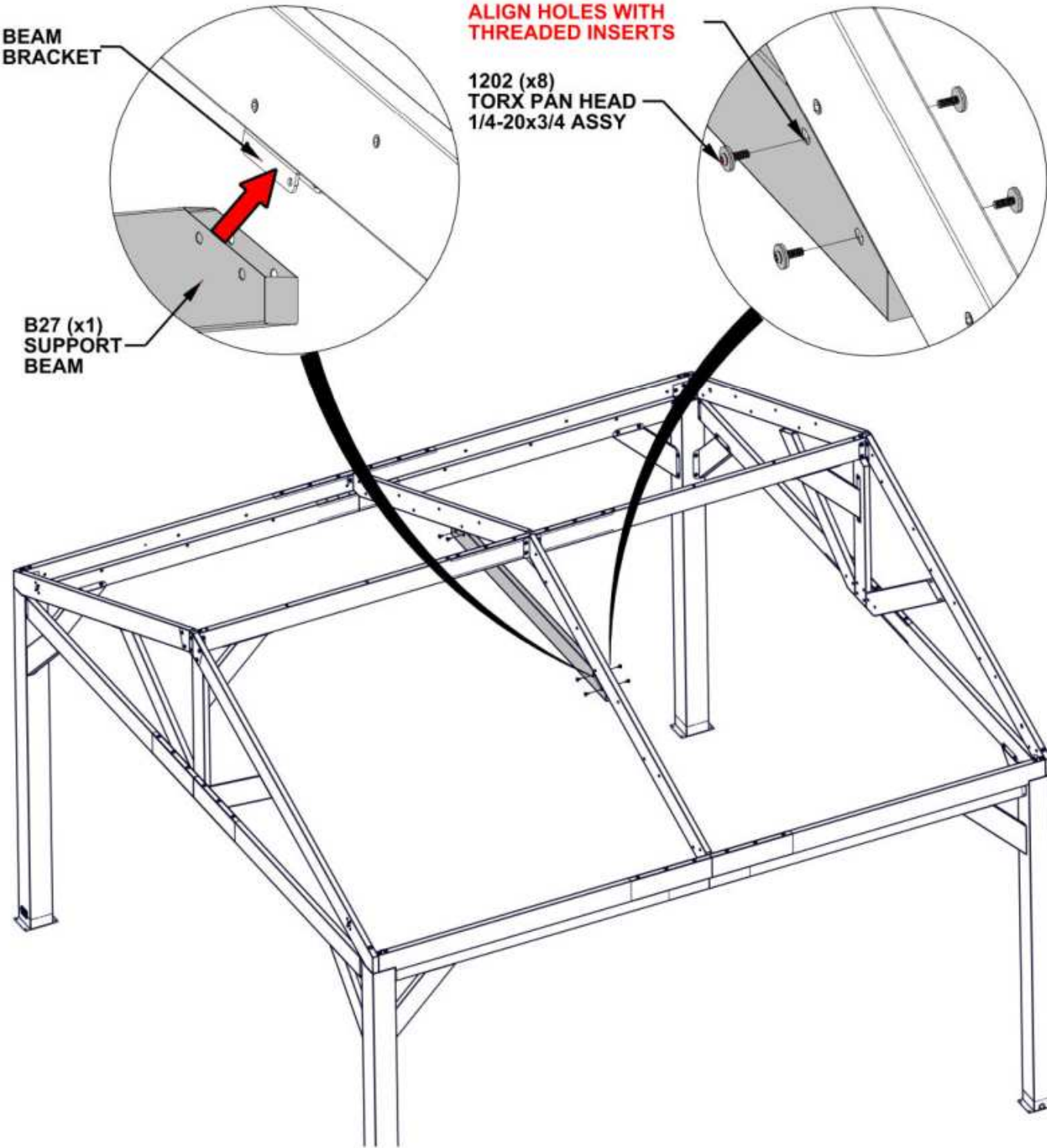
STEP 26D - ROOF ASSEMBLY

Qty	PartNo	Description
8	H101202	TORX PAN HEAD 1/4-20x3/4 ASSY



B27 SUPPORT BEAM - A4M07132
(x1) 1 7/16"x4 13/16"x73 11/16" (36x122x1872)

- INSERT SUPPORT BEAM ONTO BEAM BRACKETS.



STEP 27A - RIDGE ASSEMBLY

Qty	PartNo	Description
4	H101293	TORX PAN HEAD 1/4-20x1 3/8"
4	H101054	SEALANT WASHER
4	H101053	STEEL WASHER 6x20

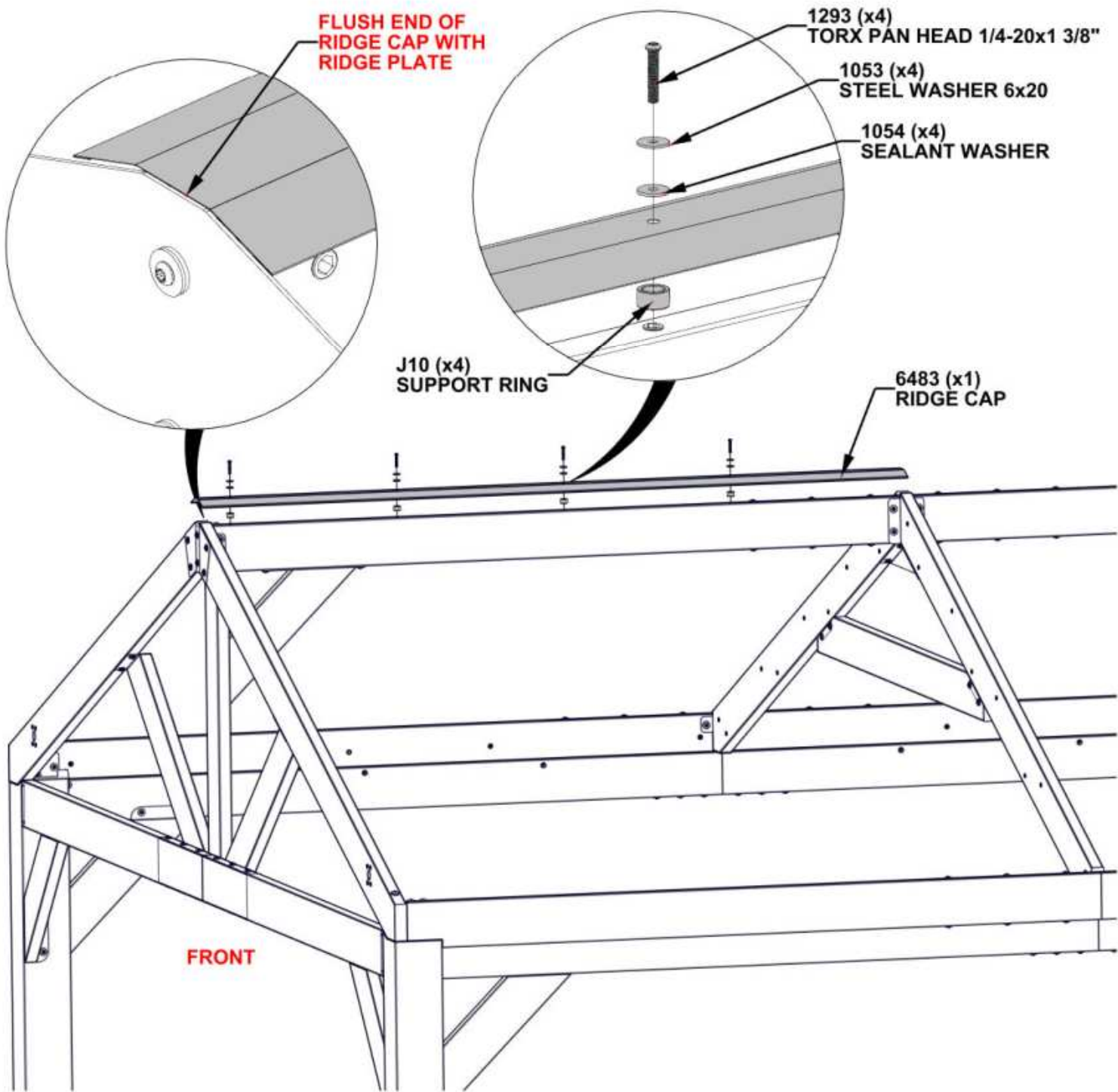


6483 RIDGE CAP - A4M06483
(x1) 3/4"x5 3/8"x82 3/8" (19x137x2093)



J10 SUPPORT RING - A4M03808
(x4) 13/16"x7/16" (11x20x)

- REMOVE PROTECTIVE FILM.
- ORIENT RIDGE CAP AS SHOWN BELOW.
- **WARNING: GLOVES ARE RECOMMENDED WHEN HANDLING STEEL ROOF PIECE.**

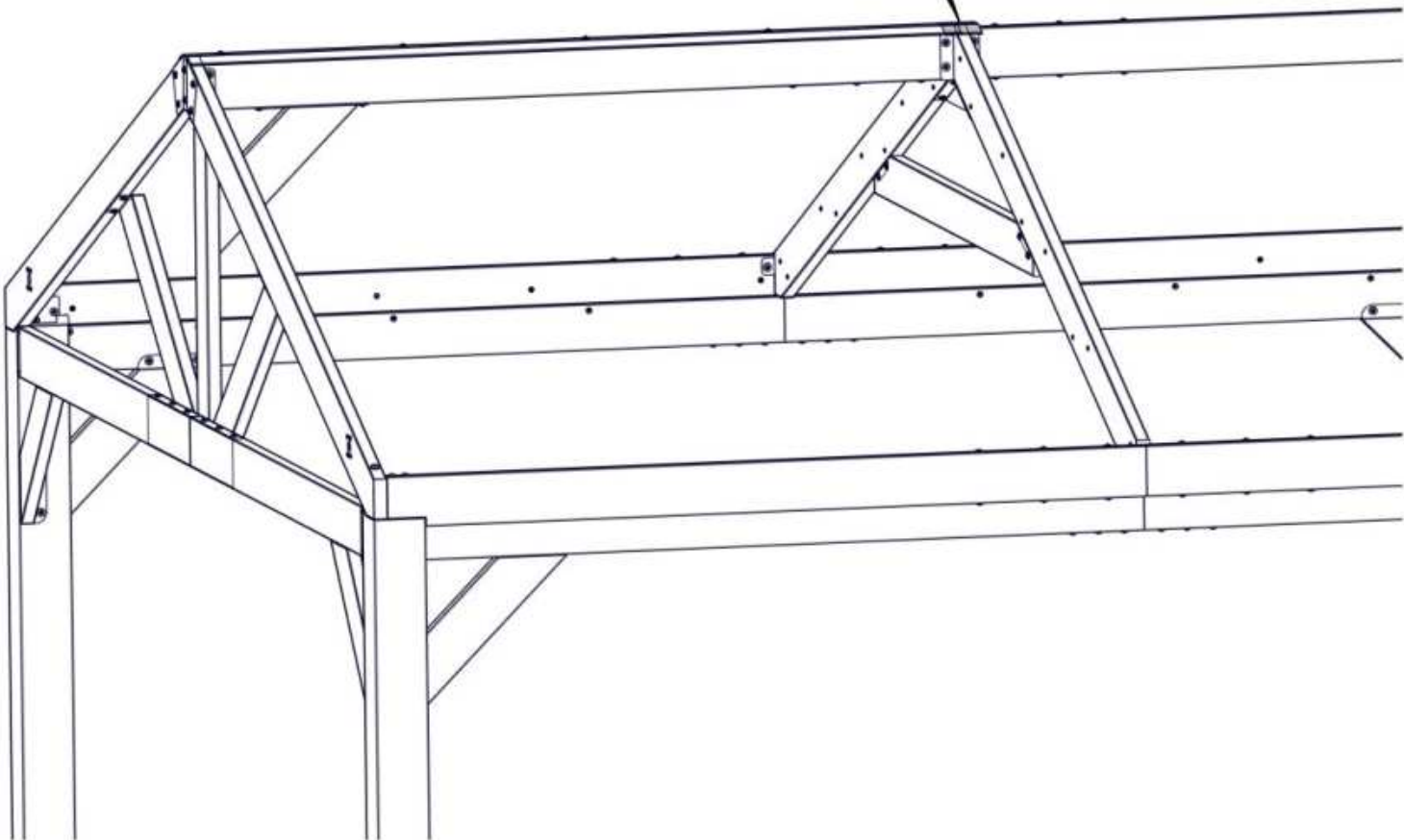
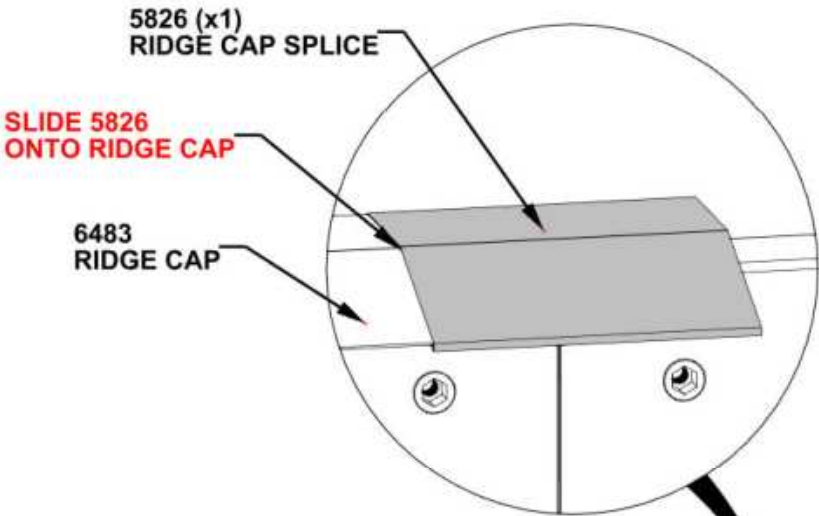


STEP 27B - RIDGE ASSEMBLY



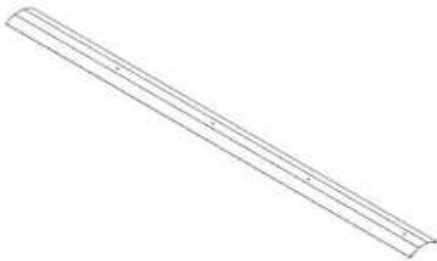
5826 RIDGE CAP SPLICE - A4M05826
(x1) 7/8"x3 15/16"x5 1/2" (21.5x139x100)

- REMOVE PROTECTIVE FILM.
- ORIENT RIDGE CAP SPLICE AS SHOWN BELOW.
- **WARNING: GLOVES ARE RECOMMENDED WHEN HANDLING STEEL ROOF PIECE.**



STEP 27C - RIDGE ASSEMBLY

Qty	PartNo	Description
4	H101293	TORX PAN HEAD 1/4-20x1 3/8"
4	H101054	SEALANT WASHER
4	H101053	STEEL WASHER 6x20

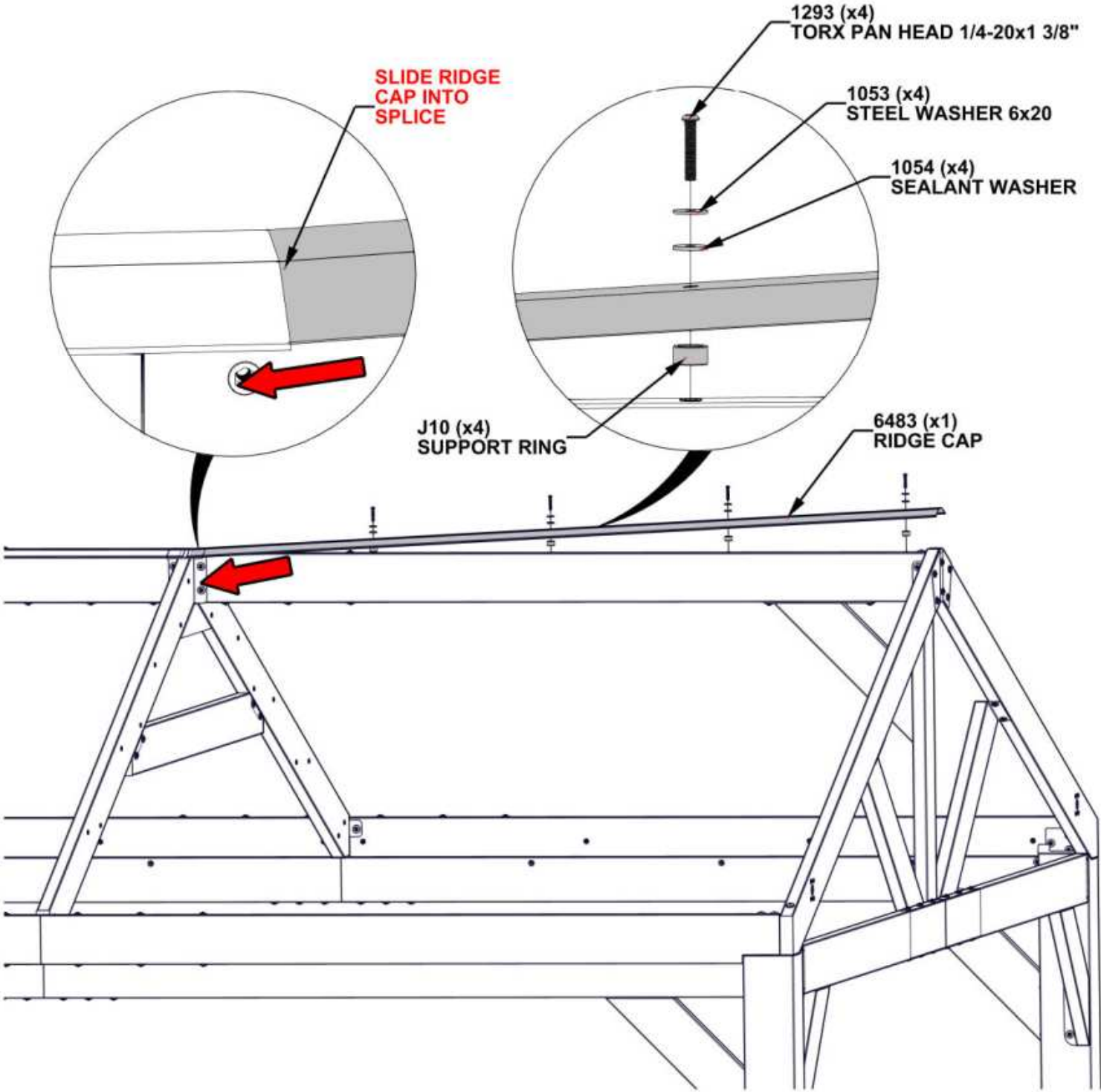


6483 RIDGE CAP - A4M06483
(x1) 3/4"x5 3/8"x82 3/8" (19x137x2093)

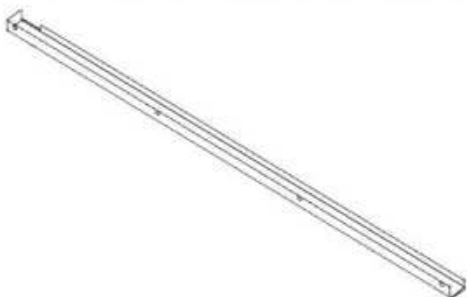


J10 SUPPORT RING - A4M03808
(x4) 13/16"x7/16" (11x20x)

- REMOVE PROTECTIVE FILM.
- ORIENT RIDGE CAP AND SLIDE INTO RIDGE CAP SPLICE AS SHOWN BELOW.
- **WARNING: GLOVES ARE RECOMMENDED WHEN HANDLING STEEL ROOF PIECE.**



STEP 28A - GUTTER ATTACHMENT



G07 GUTTER - A4M06479
(x1) 1 15/16"x2 11/16"x76 1/2" (50x69x1943)



G08 GUTTER - A4M06480
(x1) 1 3/4"x2 11/16"x76 1/2" (50.00x69x1943)



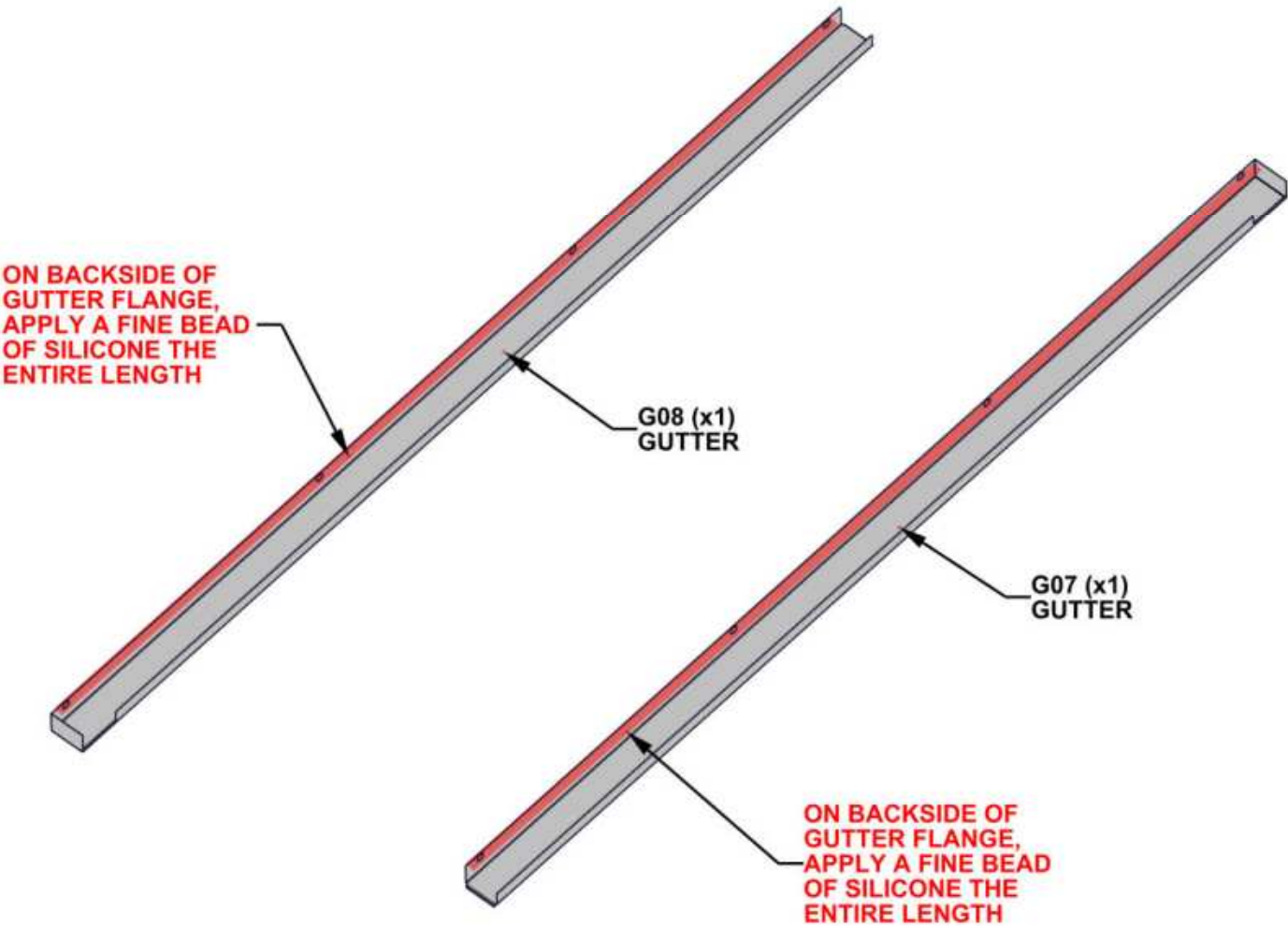
A6P01531 10 OZ SILICONE TUBE
(x1)



H101464 CAULK GUN
(x1)

- APPLY A FINE BEAD OF SILICONE ONTO THE BACKSIDE OF TALL GUTTER FLANGE.

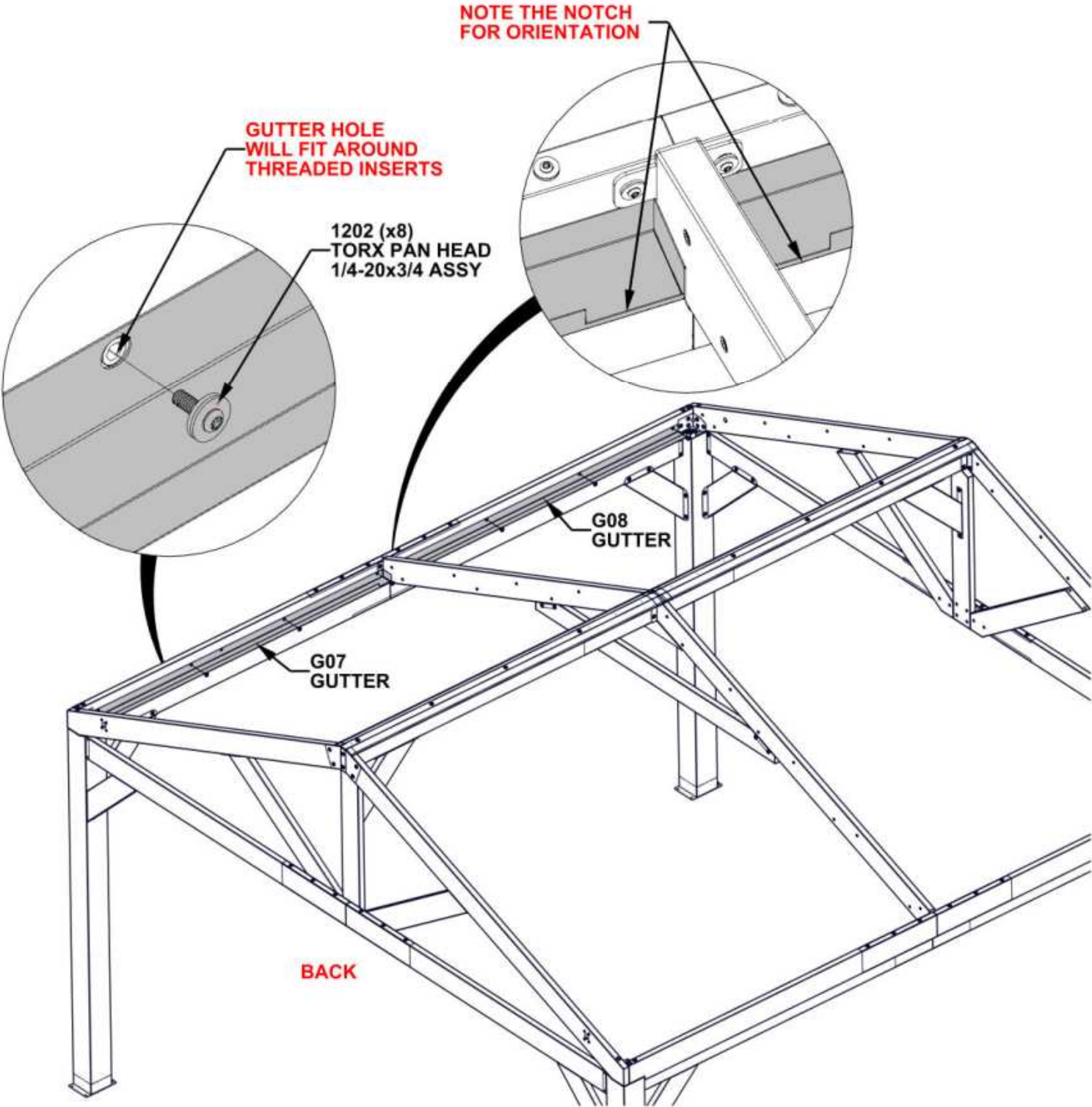
**TIP: GLOVES ARE RECOMMENDED WHEN APPLYING SILICONE.
MAKE SURE SURFACE OF GUTTER IS CLEAN, DRY, AND FREE OF ANY DIRT/DEBRIS.**



STEP 28B - GUTTER ATTACHMENT

Qty	PartNo	Description
8	H101202	TORX PAN HEAD 1/4-20x3/4 ASSY

- SMOOTH SILICONE AS NEEDED, WIPING EXCESS USING A RAG OR PAPER TOWEL.



STEP 28C - GUTTER ATTACHMENT (OPTIONAL)



A6P01531 10 OZ SILICONE TUBE
(x1)

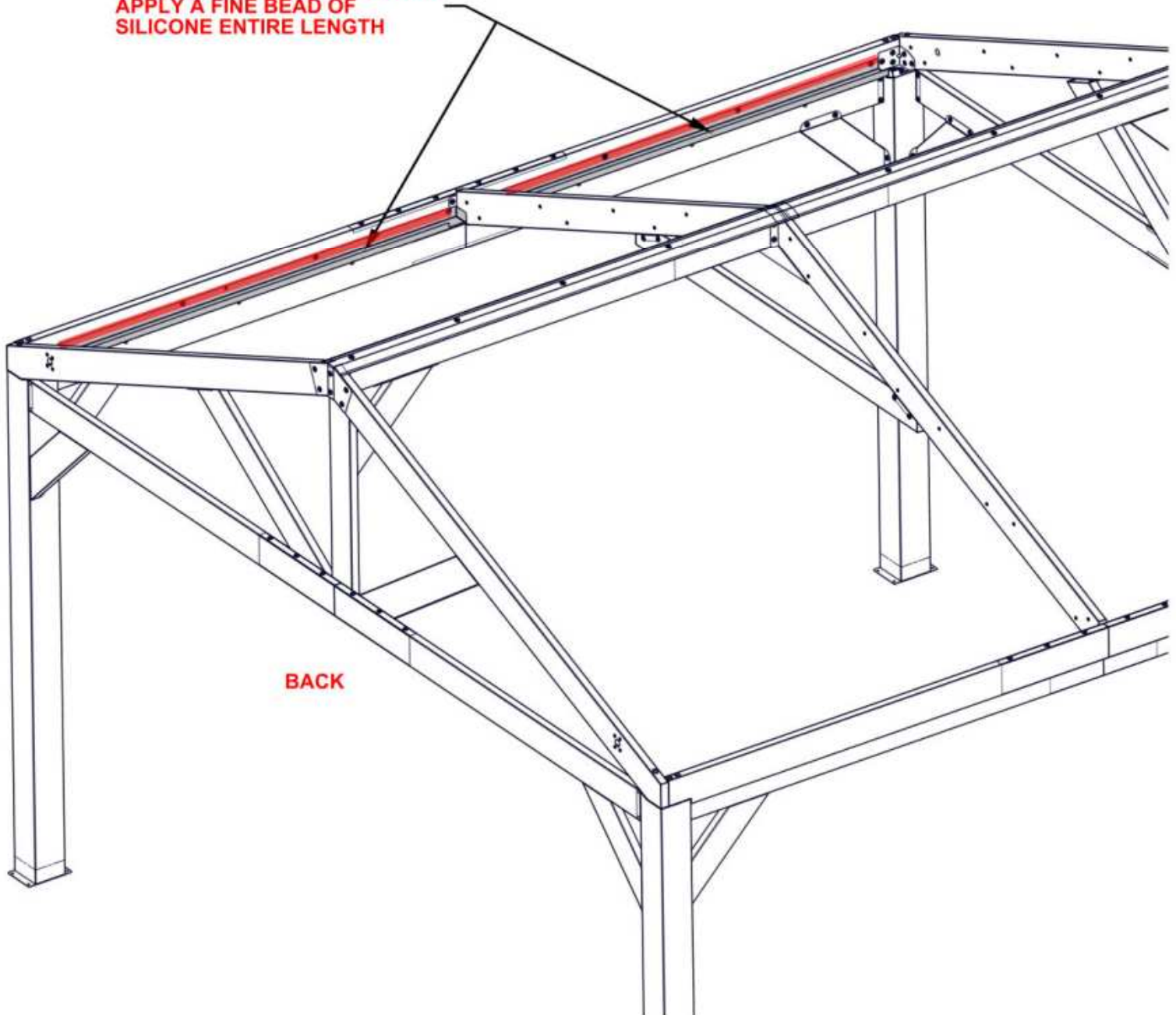


H101464 CAULK GUN
(x1)

- FOR ADDITIONAL GUTTER SEALING WE RECOMMEND APPLYING A FINE BEAD OF SILICONE ON EDGE WHERE GUTTER MEETS BEAM TO FULLY SEAL.
- SMOOTH SILICONE AS NEEDED, WIPING EXCESS USING A RAG OR PAPER TOWEL.

**TIP: GLOVES ARE RECOMMENDED WHEN APPLYING SILICONE.
MAKE SURE SURFACE OF GUTTER IS CLEAN, DRY, AND FREE OF ANY DIRT/DEBRIS.**

**AT THE TOP EDGE OF GUTTER,
APPLY A FINE BEAD OF
SILICONE ENTIRE LENGTH**



STEP 29A - GUTTER ATTACHMENT



G02 GUTTER - A4M05828
(x1) 1 9/16"x2 11/16"x84 3/16" (40x69x2138)



G05 GUTTER - A4M06328
(x1) 1 11/16"x3 1/8"x87 5/16" (43x80x2218)



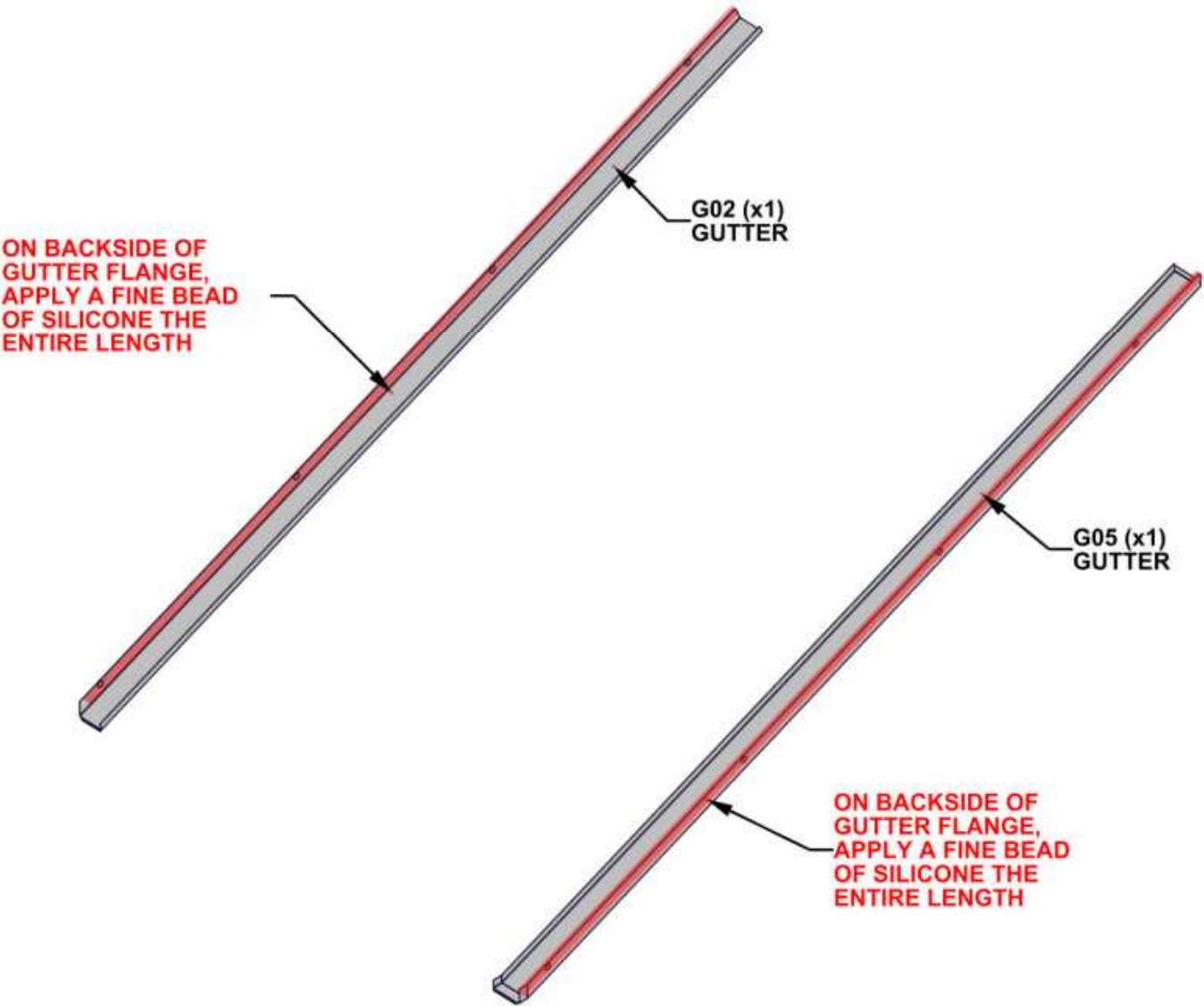
A6P01531 10 OZ SILICONE TUBE
(x1)



H101464 CAULK GUN
(x1)

- APPLY A FINE BEAD OF SILICONE ONTO THE BACKSIDE OF TALL GUTTER FLANGE.

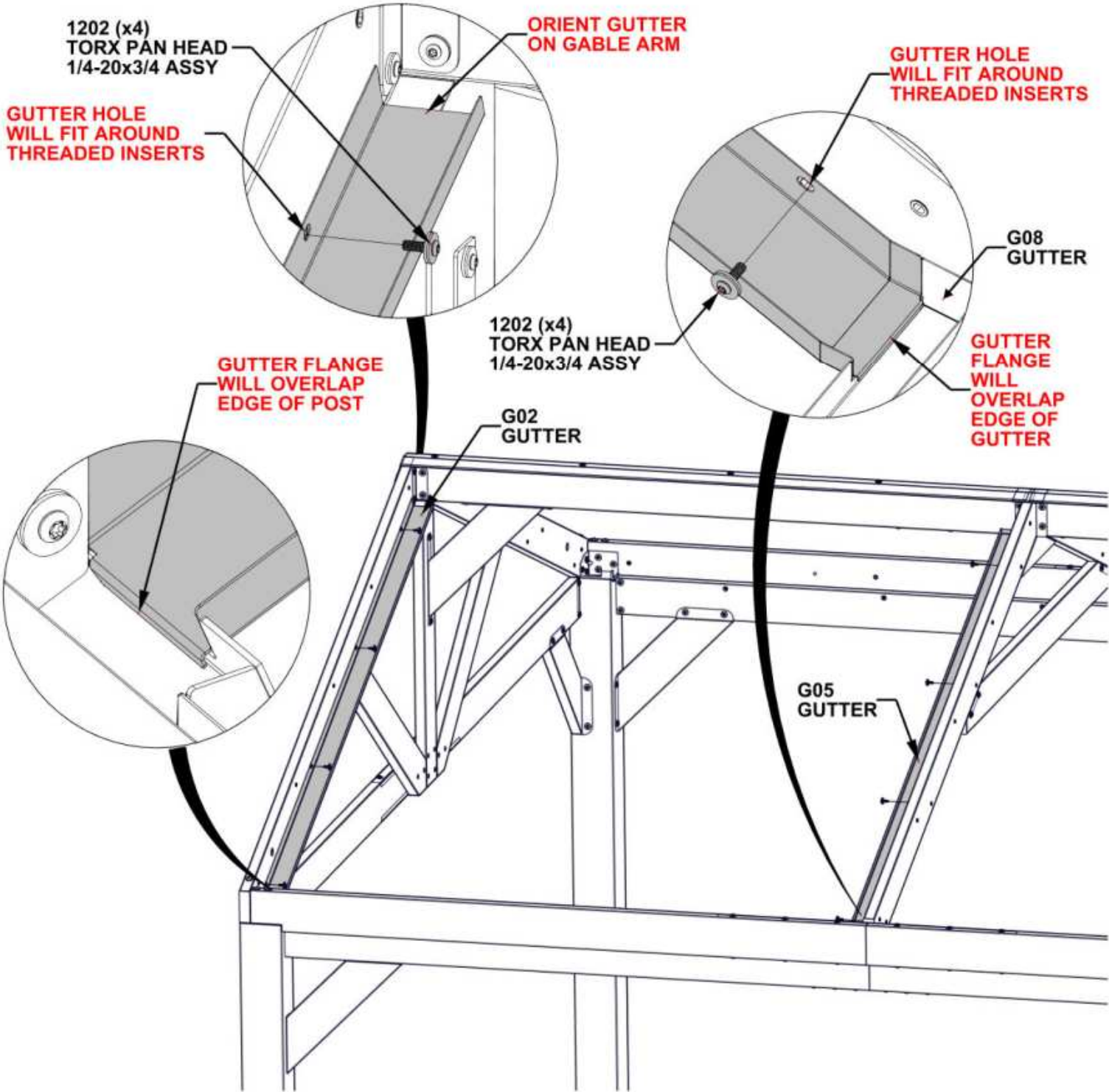
**TIP: GLOVES ARE RECOMMENDED WHEN APPLYING SILICONE.
MAKE SURE SURFACE OF GUTTER IS CLEAN, DRY, AND FREE OF ANY DIRT/DEBRIS.**



STEP 29B - GUTTER ATTACHMENT

Qty	PartNo	Description
8	H101202	TORX PAN HEAD 1/4-20x3/4 ASSY

- SMOOTH SILICONE AS NEEDED, WIPING EXCESS USING A RAG OR PAPER TOWEL.



STEP 29C - STEP 28C - GUTTER ATTACHMENT (OPTIONAL)



A6P01531 10 OZ SILICONE TUBE
(x1)



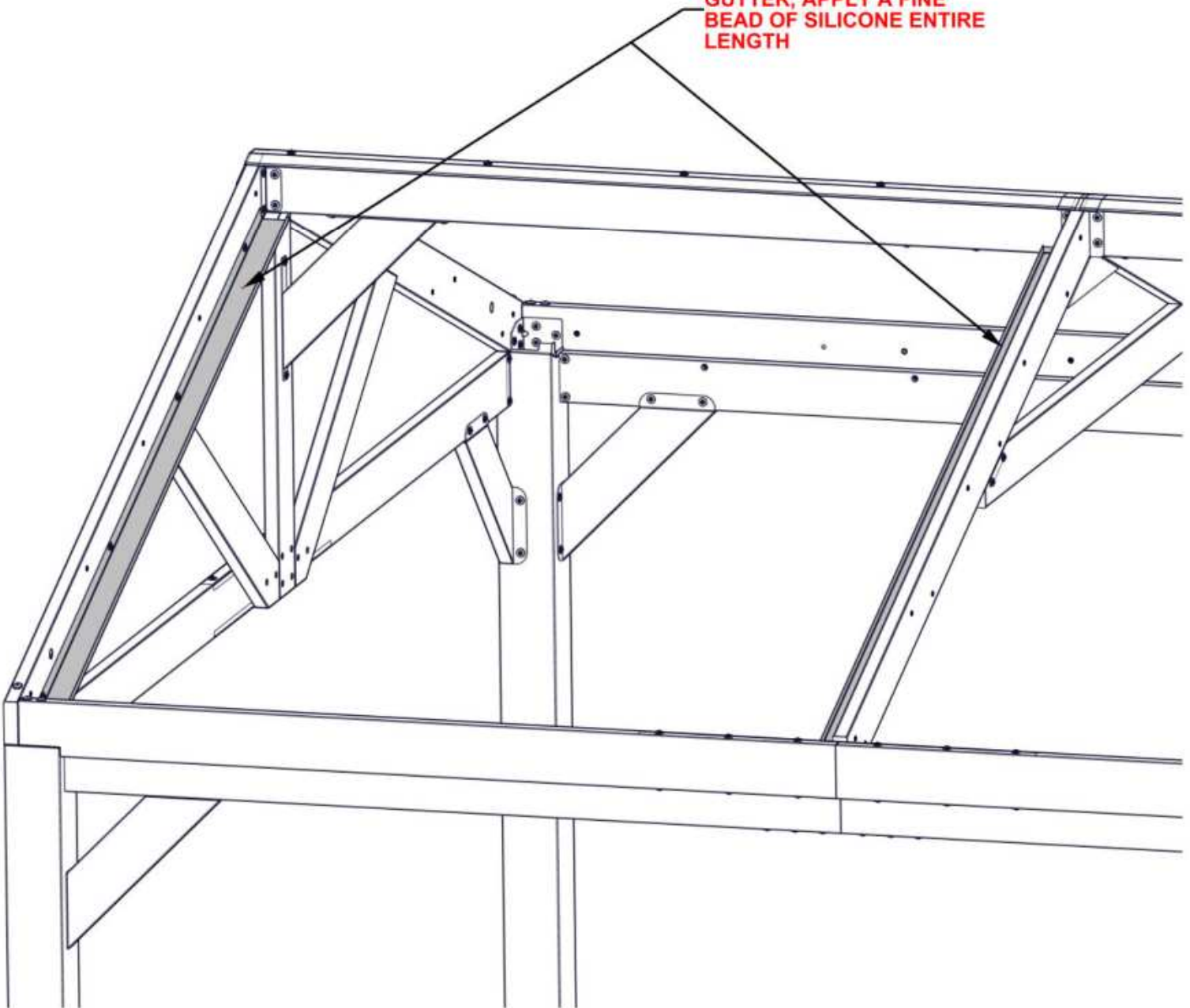
H101464 CAULK GUN
(x1)

- FOR ADDITIONAL GUTTER SEALING WE RECOMMEND APPLYING A FINE BEAD OF SILICONE ON EDGE WHERE GUTTER MEETS BEAM TO FULLY SEAL.
- SMOOTH SILICONE AS NEEDED, WIPING EXCESS USING A RAG OR PAPER TOWEL.

TIP: GLOVES ARE RECOMMENDED WHEN APPLYING SILICONE.

MAKE SURE SURFACE OF GUTTER IS CLEAN, DRY, AND FREE OF ANY DIRT/DEBRIS.

**AT THE TOP EDGE OF
GUTTER, APPLY A FINE
BEAD OF SILICONE ENTIRE
LENGTH**



STEP 30A - GUTTER ATTACHMENT



G01 GUTTER - A4M05827
(x1) 1 9/16"x2 11/16"x84 1/4" (40x69x2140)



G06 GUTTER - A4M06329
(x1) 1 11/16"x3 1/8"x87 5/16" (43x80x2218)



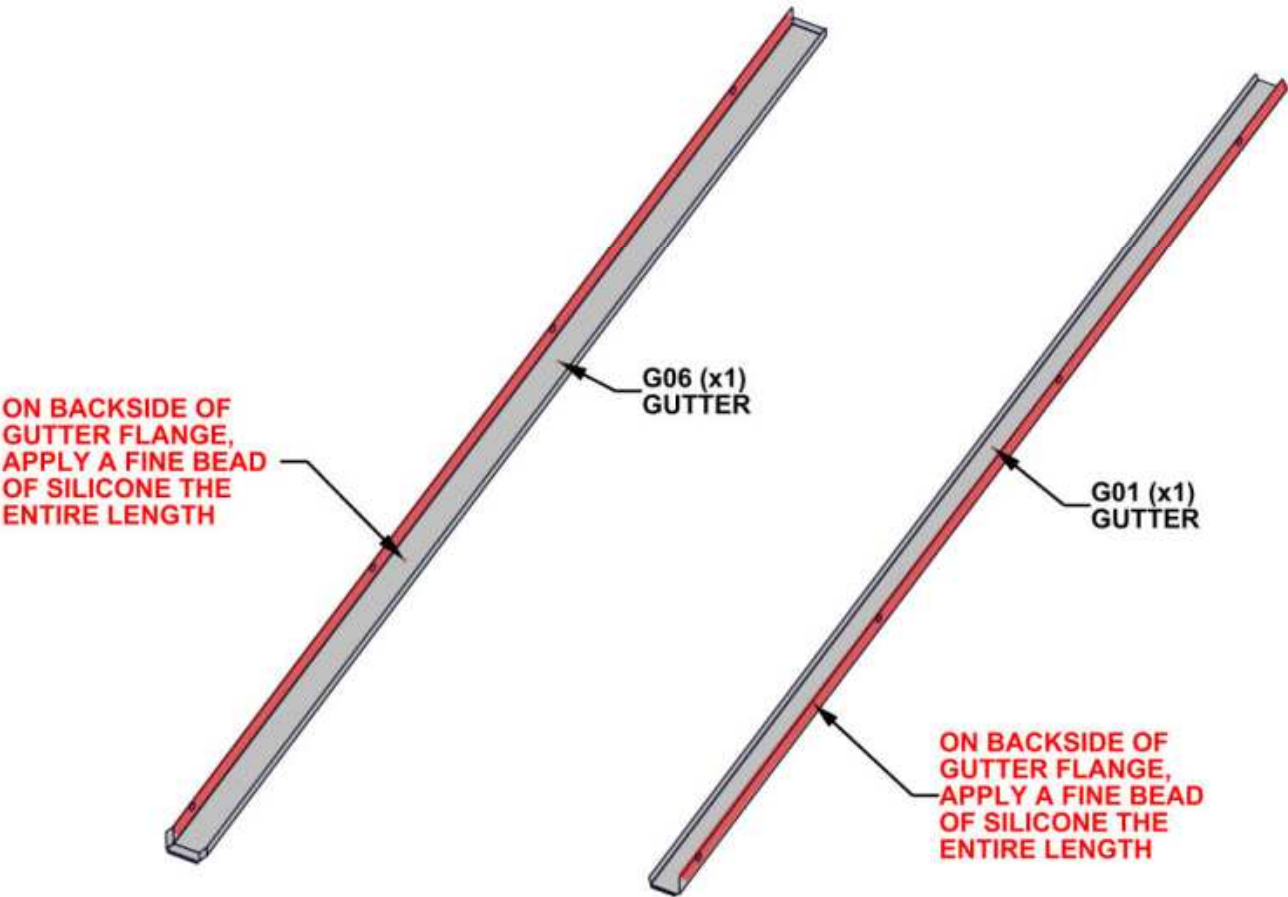
A6P01531 10 OZ SILICONE TUBE
(x1)



H101464 CAULK GUN
(x1)

- APPLY A FINE BEAD OF SILICONE ONTO THE BACKSIDE OF TALL GUTTER FLANGE.

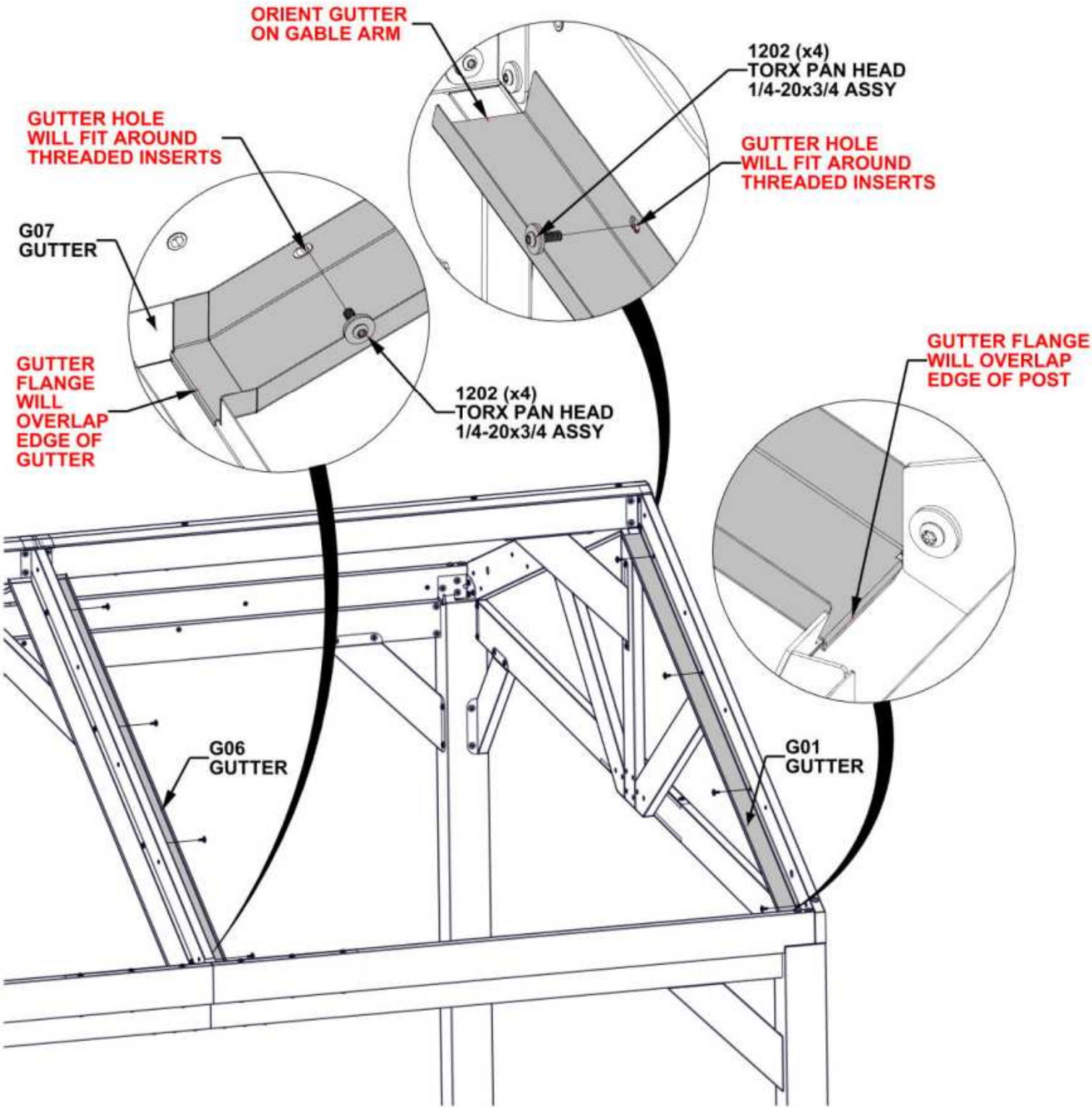
**TIP: GLOVES ARE RECOMMENDED WHEN APPLYING SILICONE.
MAKE SURE SURFACE OF GUTTER IS CLEAN, DRY, AND FREE OF ANY DIRT/DEBRIS.**



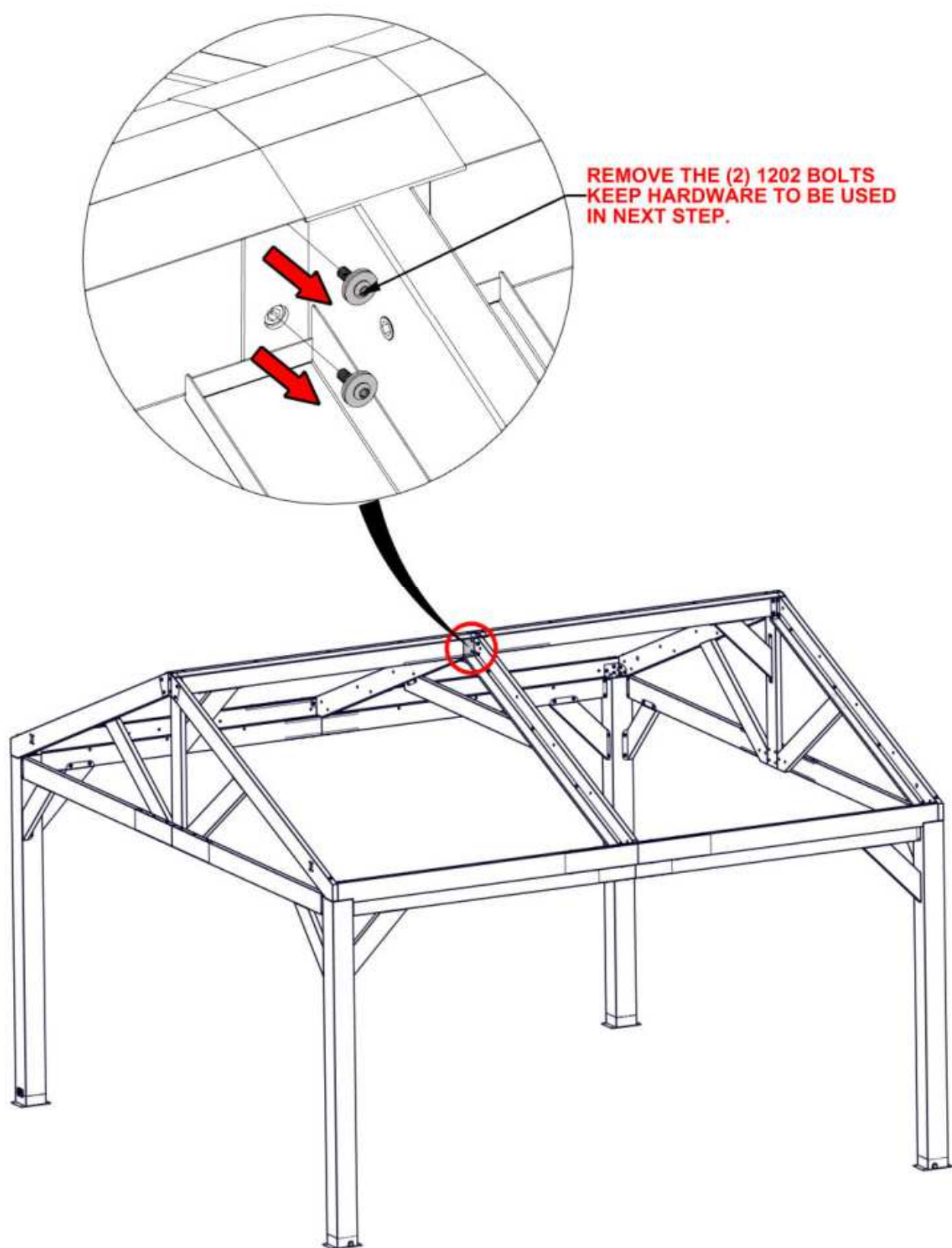
STEP 30B - GUTTER ATTACHMENT

Qty	PartNo	Description
8	H101202	TORX PAN HEAD 1/4-20x3/4 ASSY

- SMOOTH SILICONE AS NEEDED, WIPING EXCESS USING A RAG OR PAPER TOWEL.



STEP 31A - GUTTER ATTACHMENT



REMOVE THE (2) 1202 BOLTS
KEEP HARDWARE TO BE USED
IN NEXT STEP.

STEP 31B - GUTTER ATTACHMENT

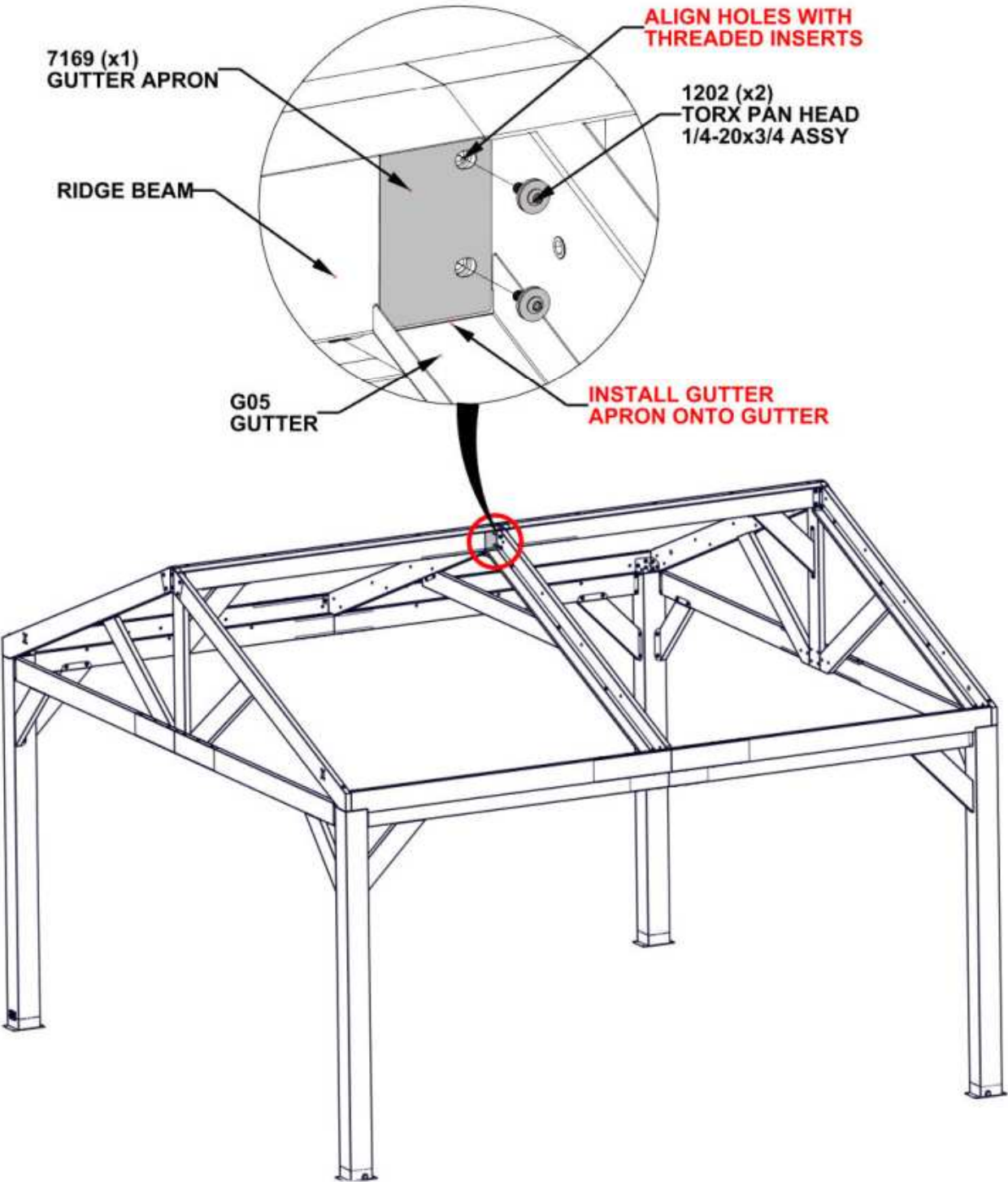


A4M07169 GUTTER APRON
(x1)

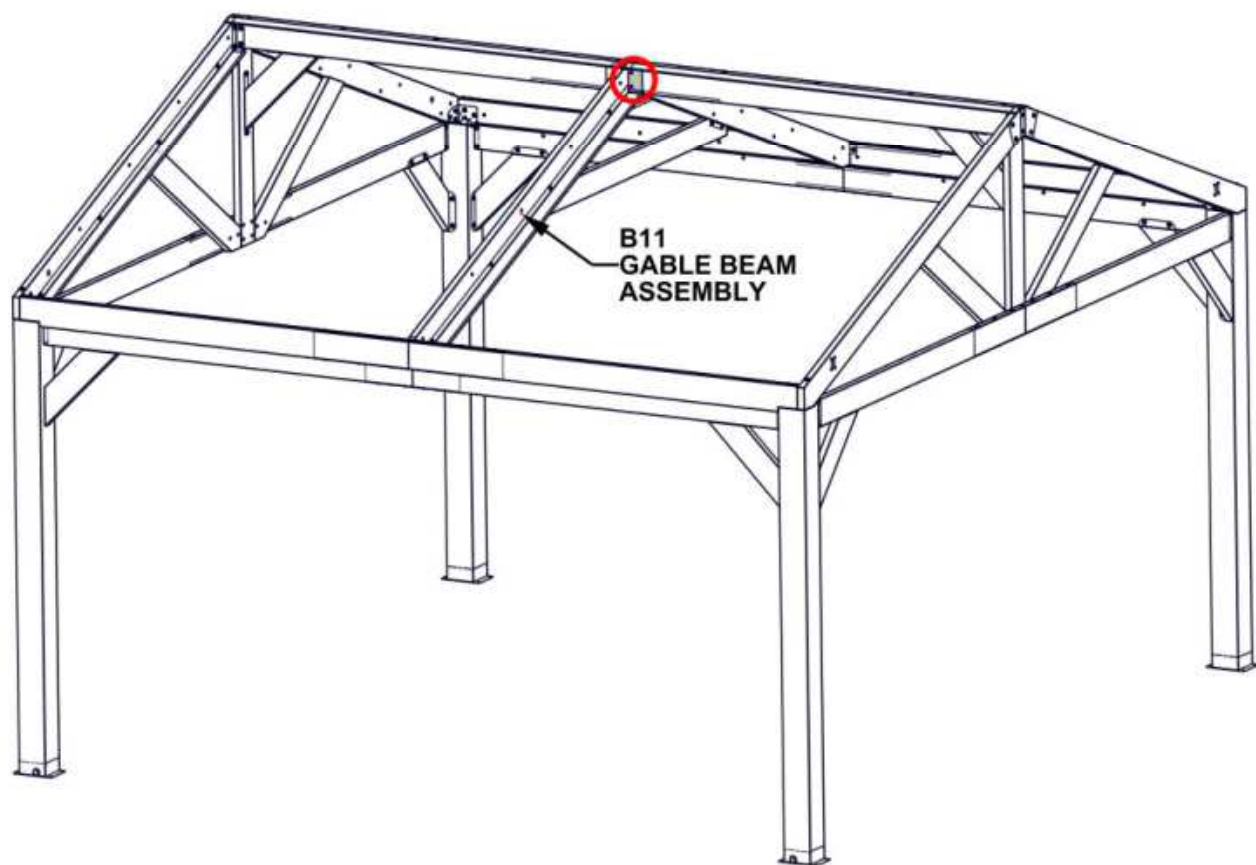
Qty	PartNo	Description
2	H101202	TORX PAN HEAD 1/4-20x3/4 ASSY

NOTE: USE HARDWARE FROM PREVIOUS STEP.

- INSTALL GUTTER APRON TO GUTTER AND RIDGE BEAM AS SHOWN.
- THE GUTTER APRON IS DESIGNED TO BEND AND FORM TO THE CONTOUR OF THE GAP BETWEEN THE GUTTER END AND THE RIDGE BEAM, ENSURING A SECURE, CUSTOM FIT AT THE JOINT.



**REPEAT GUTTER APRON ATTACHMENT STEPS 31A THROUGH 31B
FOR OPPOSITE SIDE OF GABLE BEAM**



STEP 32A - GUTTER ATTACHMENT



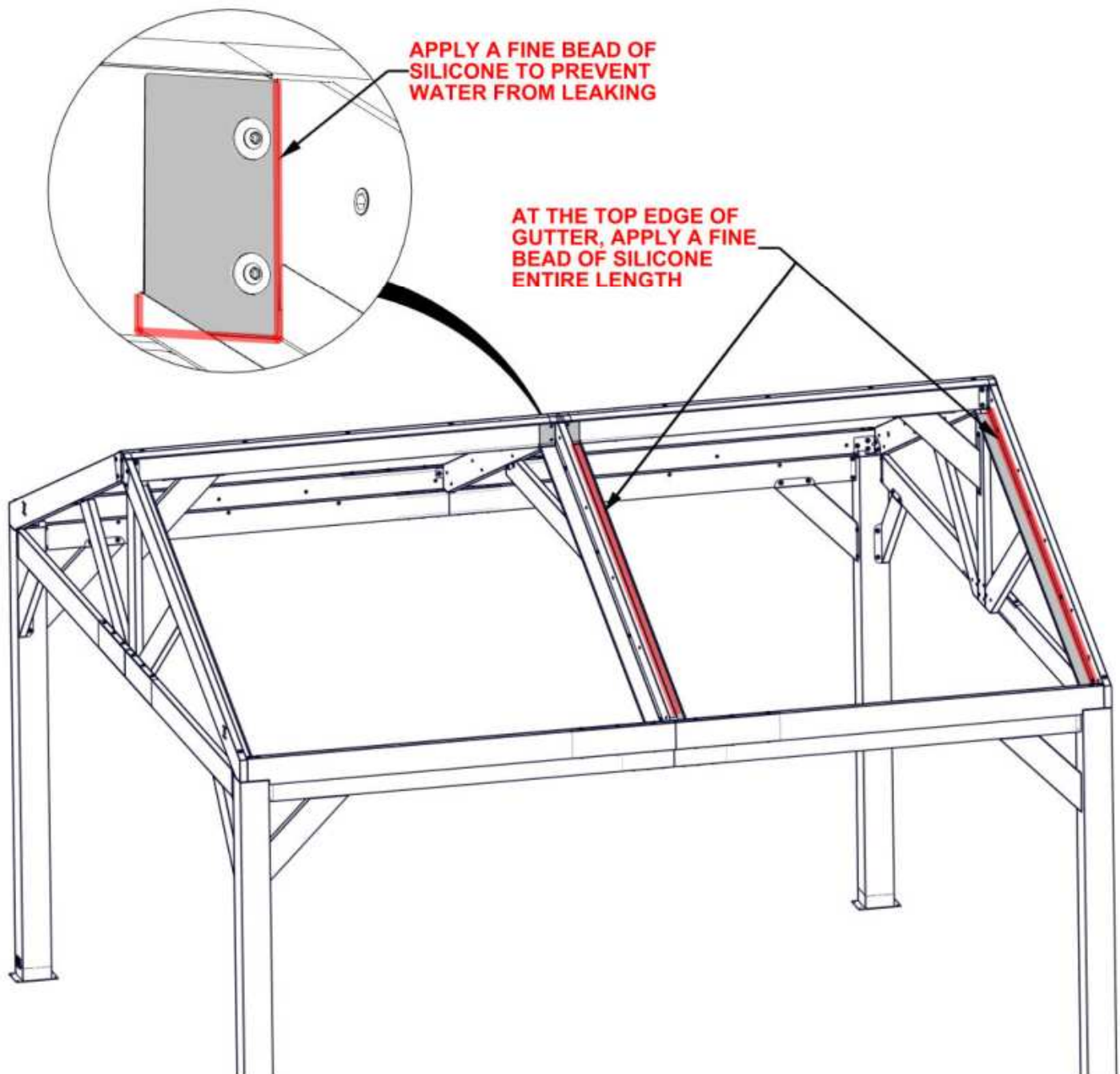
A6P01531 10 OZ SILICONE TUBE
(x1)



H101464 CAULK GUN
(x1)

- FOR GUTTER APRON SEALING WE RECOMMEND APPLYING A FINE BEAD OF SILICONE ON EDGE WHERE GUTTER APRON MEETS BEAM AND GUTTER TO FULLY SEAL.
- FOR ADDITIONAL GUTTER SEALING WE RECOMMEND APPLYING A FINE BEAD OF SILICONE ON EDGE WHERE GUTTER MEETS BEAM TO FULLY SEAL.
- SMOOTH SILICONE AS NEEDED, WIPING EXCESS USING A RAG OR PAPER TOWEL.

**TIP: GLOVES ARE RECOMMENDED WHEN APPLYING SILICONE.
MAKE SURE SURFACE OF GUTTER IS CLEAN, DRY, AND FREE OF ANY DIRT/DEBRIS.**



**APPLY A FINE BEAD OF
SILICONE TO PREVENT
WATER FROM LEAKING**

**AT THE TOP EDGE OF
GUTTER, APPLY A FINE
BEAD OF SILICONE
ENTIRE LENGTH**

STEP 32B - GUTTER ATTACHMENT



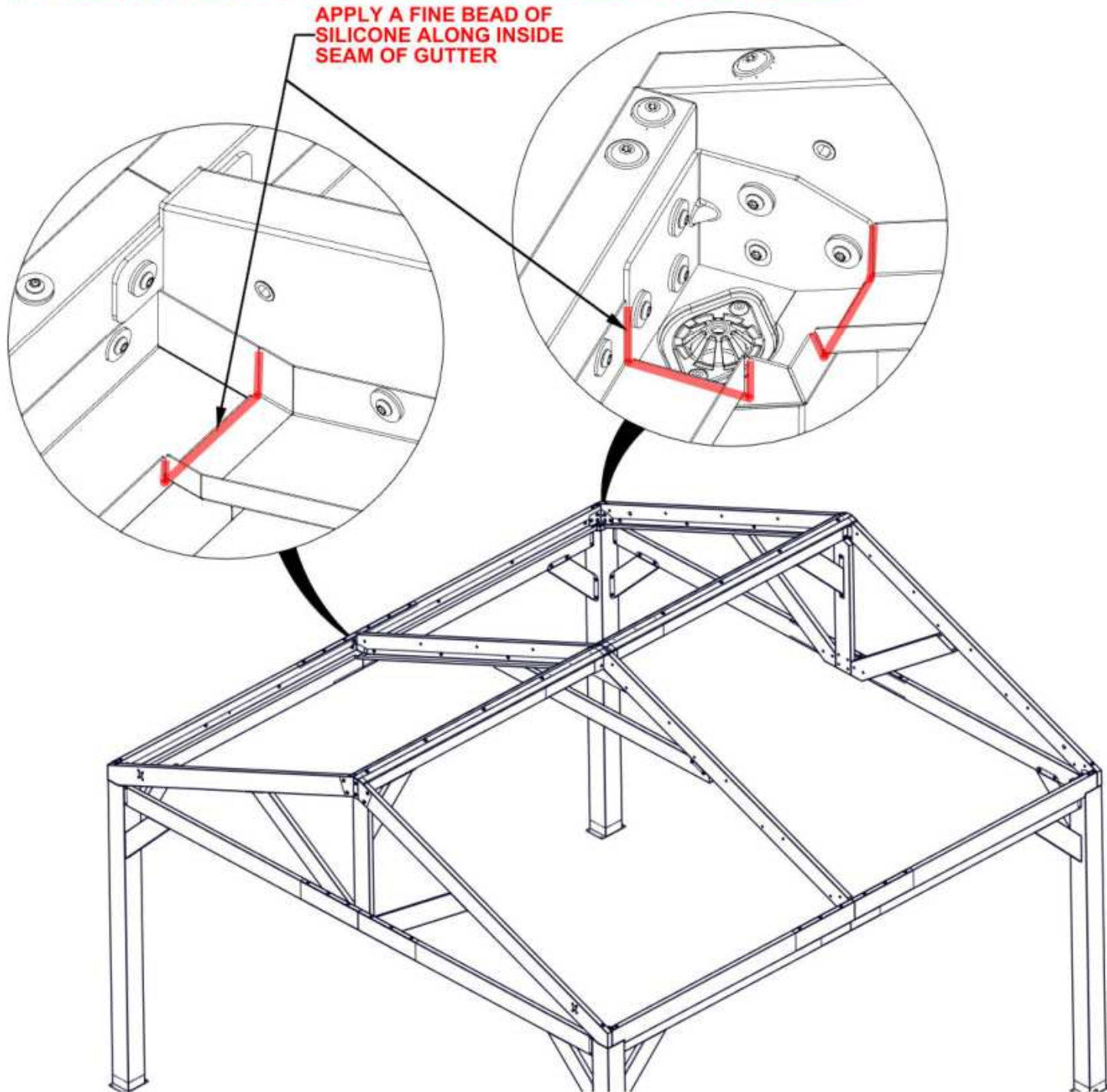
A6P01531 10 OZ SILICONE TUBE
(x1)



H101464 CAULK GUN
(x1)

- APPLY THE FINE BEAD OF SILICONE ALONG INSIDE SURFACE OF GUTTER WHERE TWO GUTTERS MEET AND POST AND GUTTER MEETS.
 - SMOOTH SILICONE ALONG SEAM, WIPING EXCESS USING A RAG OR PAPER TOWEL.
- TIP: GLOVES ARE RECOMMENDED WHEN APPLYING SILICONE.
MAKE SURE SURFACE OF GUTTER IS CLEAN, DRY, AND FREE OF ANY DIRT/DEBRIS.**

APPLY A FINE BEAD OF
SILICONE ALONG INSIDE
SEAM OF GUTTER

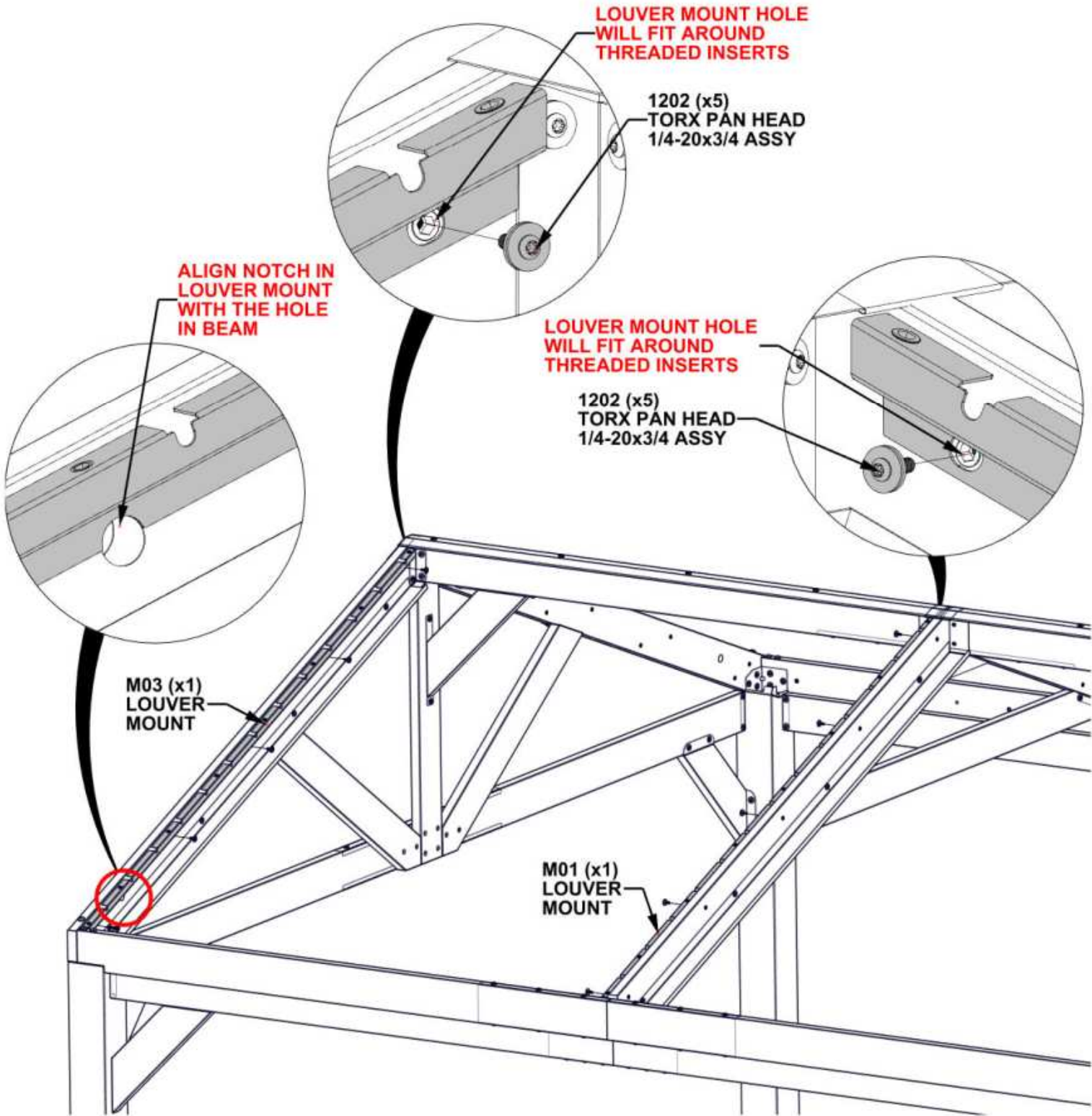


STEP 33A - LOUVER MOUNT ATTACHMENT

Qty	PartNo	Description
10	H101202	TORX PAN HEAD 1/4-20x3/4 ASSY

M01 LOUVER MOUNT - A4M05830
(x1) 1"x1 15/16"x88 1/4" (25x49x2241)

M03 LOUVER MOUNT - A4M05832
(x1) 1"x1 15/16"x88 1/4" (25x49x2241)



STEP 33B - LOUVER MOUNT ATTACHMENT

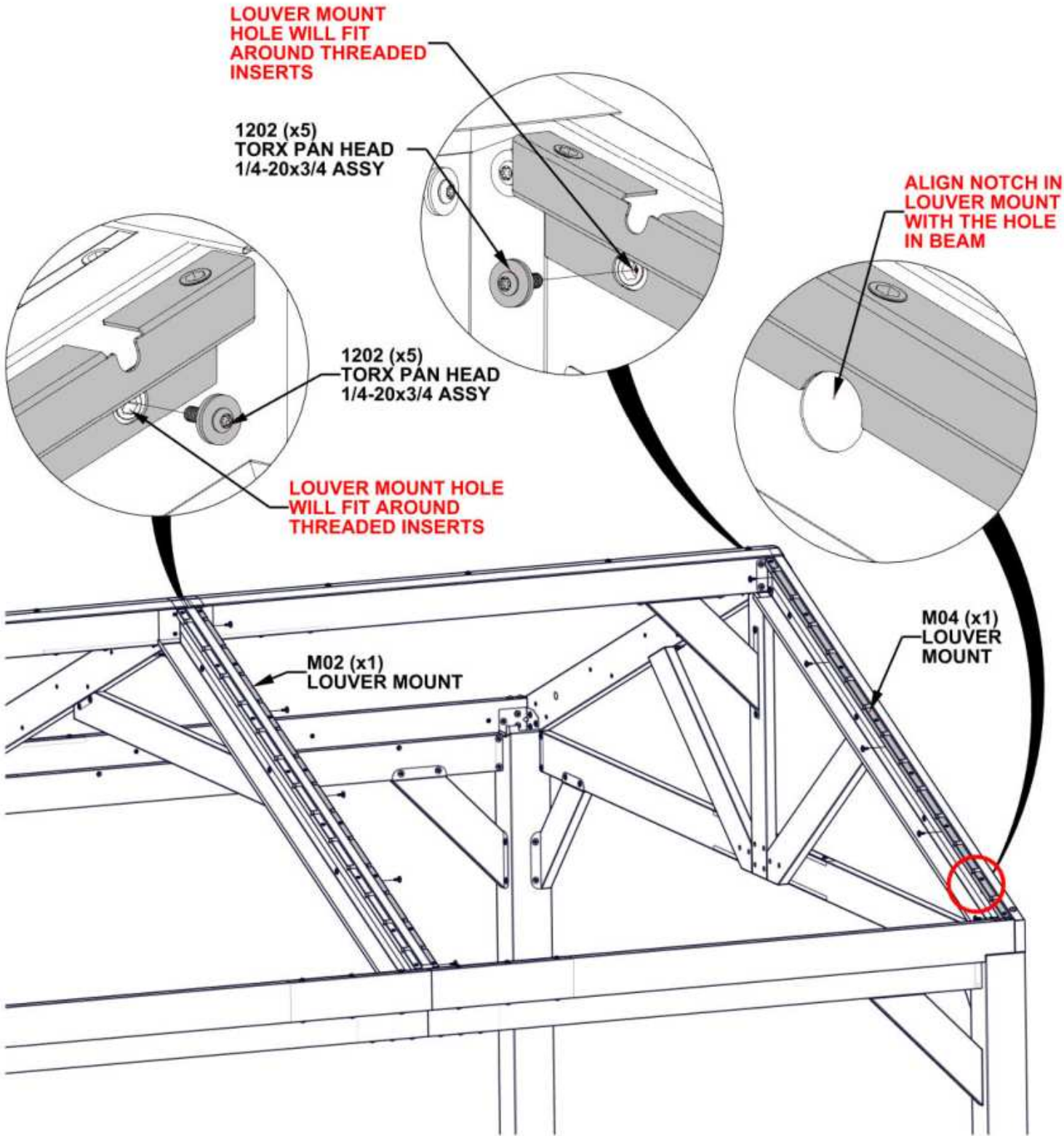
Qty	PartNo	Description
10	H101202	TORX PAN HEAD 1/4-20x3/4 ASSY



M02 LOUVER MOUNT - A4M05831
(x1) 1"x1 15/16"x88 1/4" (25x49x2241)



M04 LOUVER MOUNT - A4M05833
(x1) 1"x1 15/16"x88 1/4" (25x49x2241)



**REPEAT GUTTER AND LOUVER MOUNT ATTACHMENT
STEPS 28A THROUGH 33B**

STEP 34A - LOUVER INSTALLATION

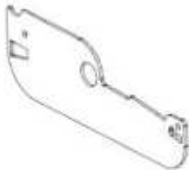
Qty	PartNo	Description
4	H100408	SCREW PWH 8x1/2 BLK



L06 LOUVER - A4M06474
(x1) 1 11/16"x7 3/4"x80" (42x196.2x2031.5)

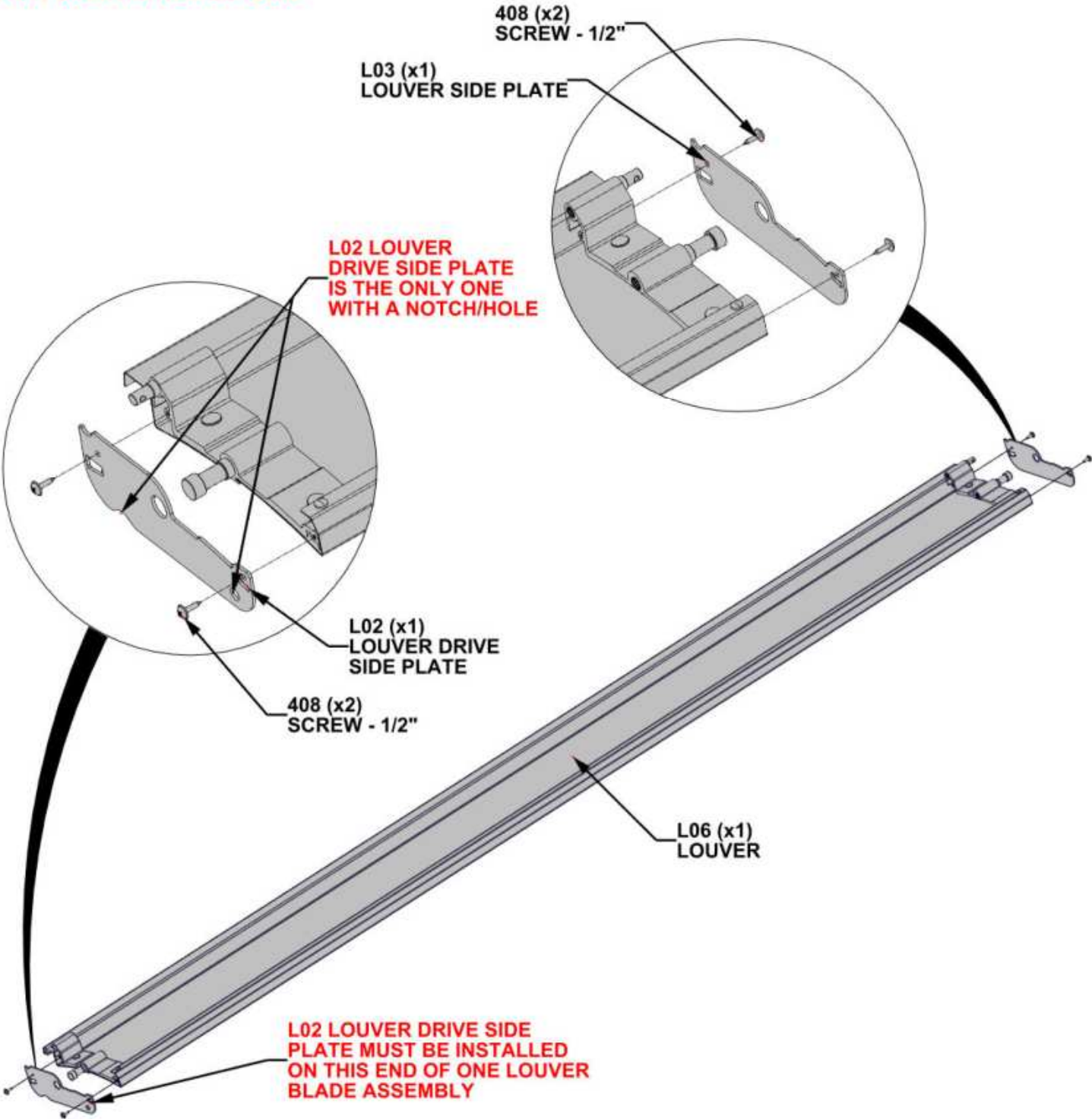


L02 LOUVER DRIVE SIDE PLATE - A4M04139
(x1) 1/16"x2 3/16"x6 9/16" (2x55x167)



L03 LOUVER SIDE PLATE - A4M04138
(x1) 1/16"x2 3/16"x6 9/16" (2x55x167)

- FOR EASE OF ASSEMBLY, WE RECOMMEND USING SAWHORSES FOR THIS STEP.
- DO NOT OVERTIGHTEN SCREWS.



STEP 34B - LOUVER INSTALLATION

Qty	PartNo	Description
4	H100408	SCREW PWH 8x1/2 BL



L06 LOUVER - A4M06474
(x1) 1 11/16"x7 3/4"x80" (42x196.2x2031.5)

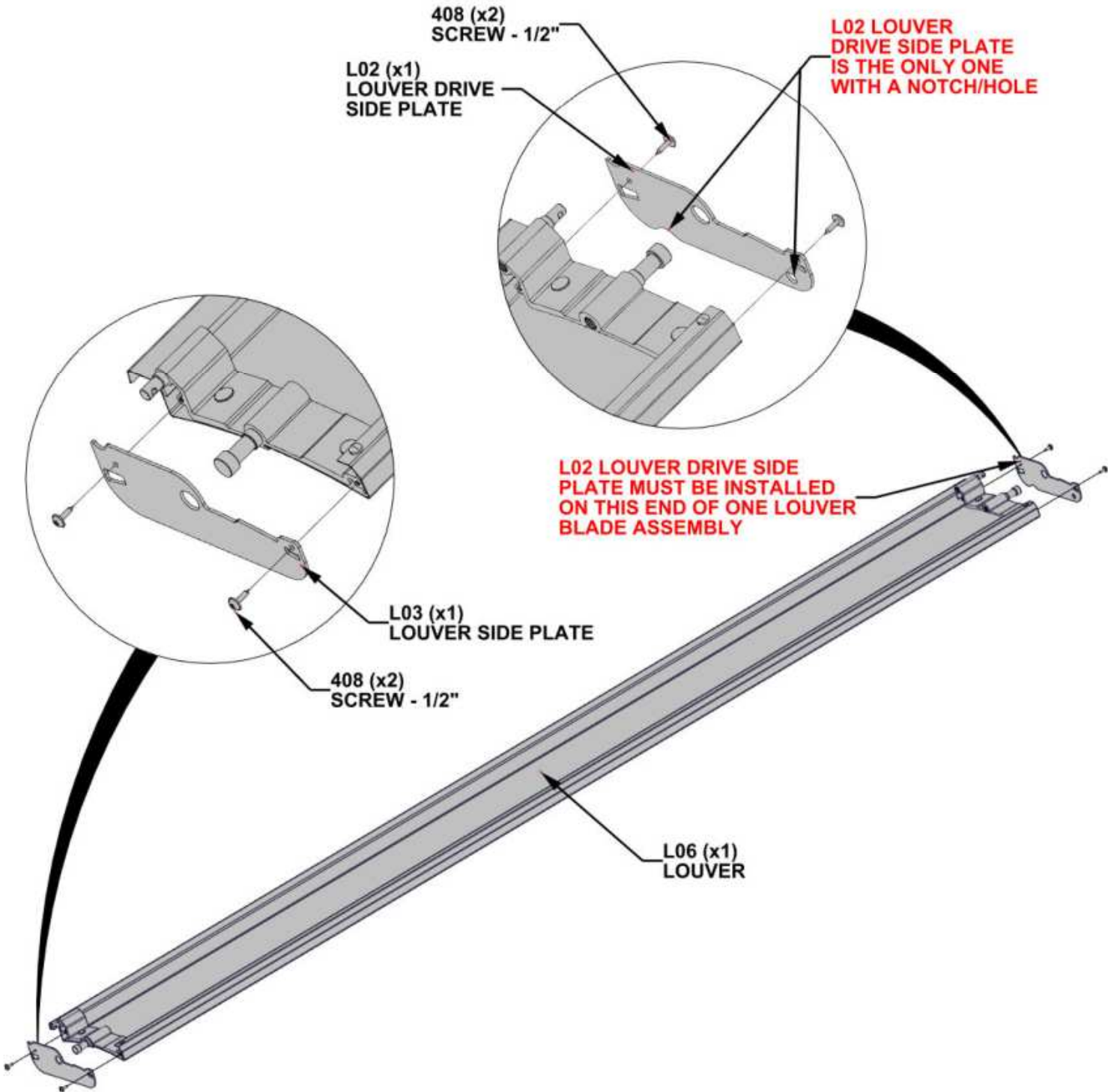


L02 LOUVER DRIVE SIDE PLATE - A4M04139
(x1) 1/16"x2 3/16"x6 9/16" (2x55x167)



L03 LOUVER SIDE PLATE - A4M04138
(x1) 1/16"x2 3/16"x6 9/16" (2x55x167)

- FOR EASE OF ASSEMBLY, WE RECOMMEND USING SAWHORSES FOR THIS STEP.
- DO NOT OVERTIGHTEN SCREWS.



STEP 35 - LOUVER INSTALLATION



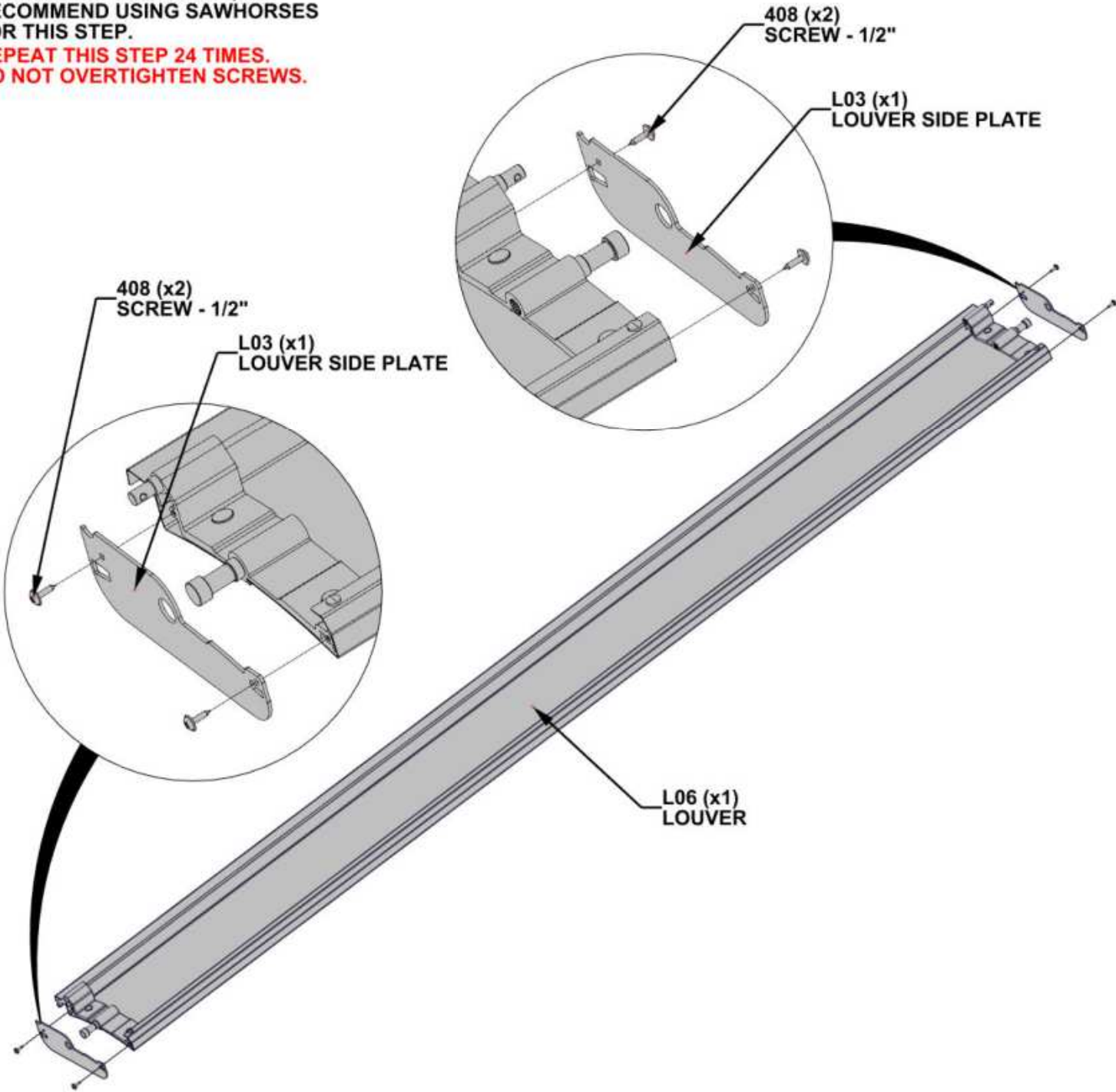
L06 LOUVER - A4M06474
(x24) 1 11/16"x7 3/4"x80" (42x196.2x2031.5)



L03 LOUVER SIDE PLATE - A4M04138
(x48) 1/16"x2 3/16"x6 9/16" (2x55x167)

Qty	PartNo	Description
96	H100408	SCREW PWH 8x1/2 BLK

- FOR EASE OF ASSEMBLY, WE RECOMMEND USING SAWHORSES FOR THIS STEP.
- REPEAT THIS STEP 24 TIMES.
- DO NOT OVERTIGHTEN SCREWS.



STEP 36 - LOUVER INSTALLATION



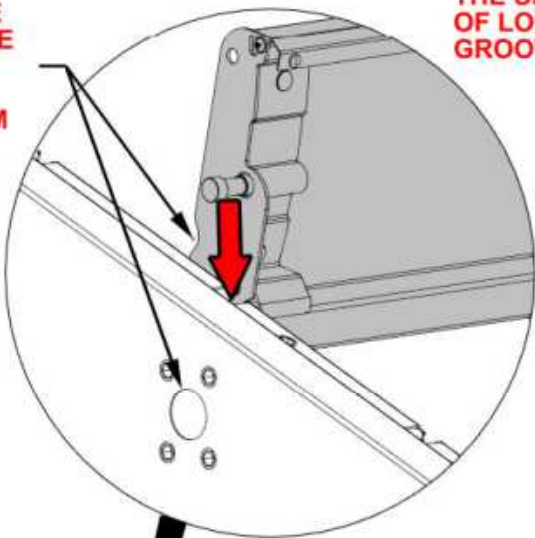
DRIVE LOUVER ASSEMBLY FROM STEP - 34A



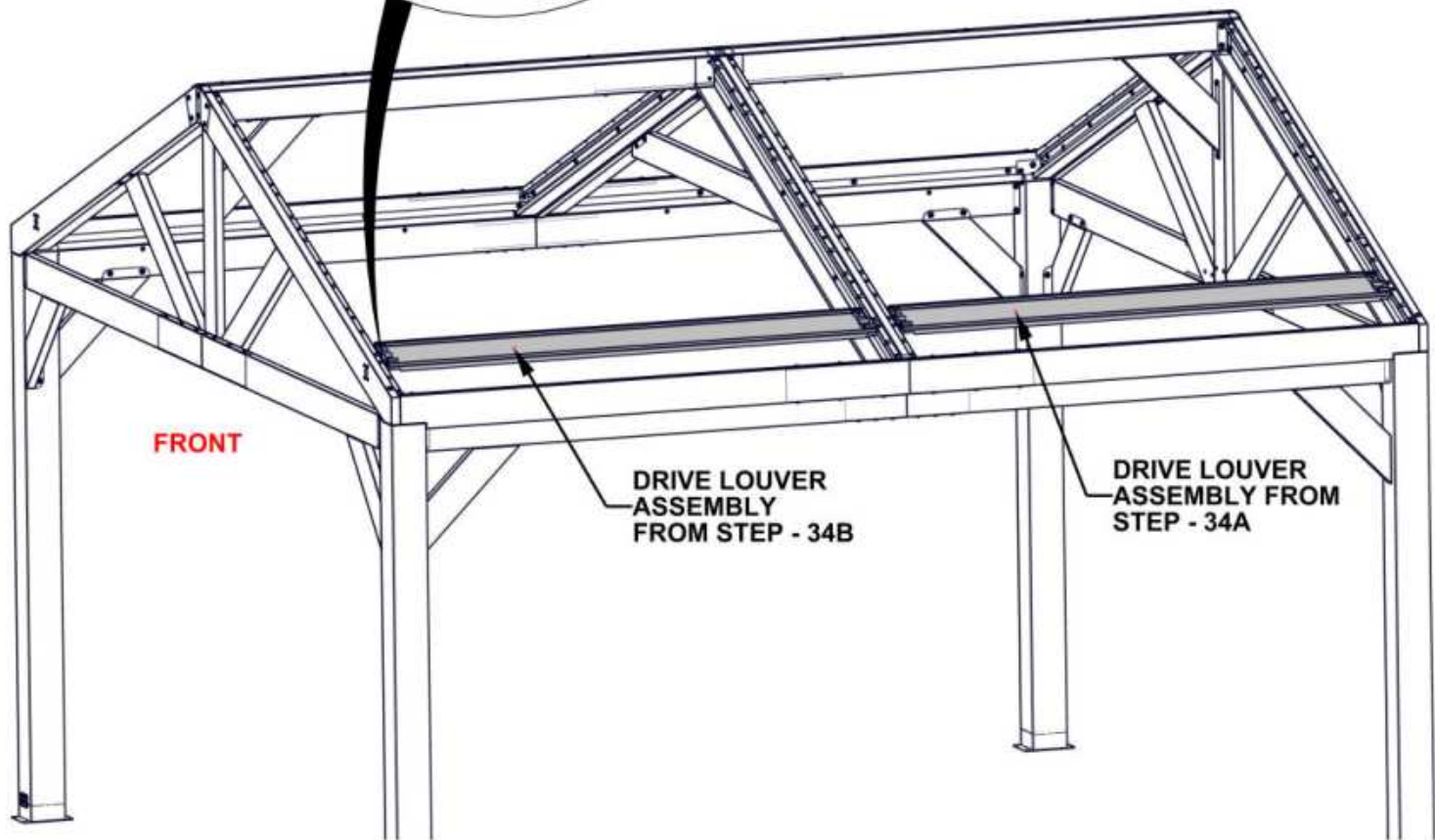
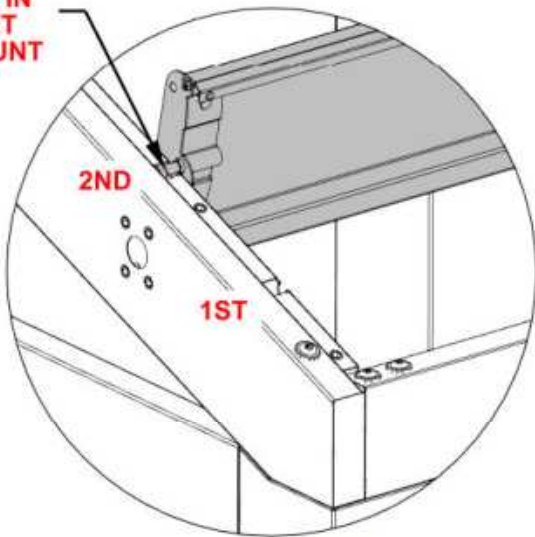
DRIVE LOUVER ASSEMBLY FROM STEP - 34B

- ORIENTATION OF LOUVER WILL BE DETERMINED BY THE SIDE BEAM WITH FOUR THREADED INSERTS.
- PLACE DRIVE LOUVER FROM PREVIOUS STEP IN THE SECOND SET OF LOUVER MOUNT GROOVES. L02 DRIVE PLATE WILL BE ON SAME SIDE AS FOUR THREADED INSERTS IN BEAM.

L02 DRIVE PLATE
WILL BE ON SAME
SIDE AS FOUR
THREADED
INSERTS IN BEAM



PLACE DRIVE
LOUVER FROM
PREVIOUS STEP IN
THE SECOND SET
OF LOUVER MOUNT
GROOVES

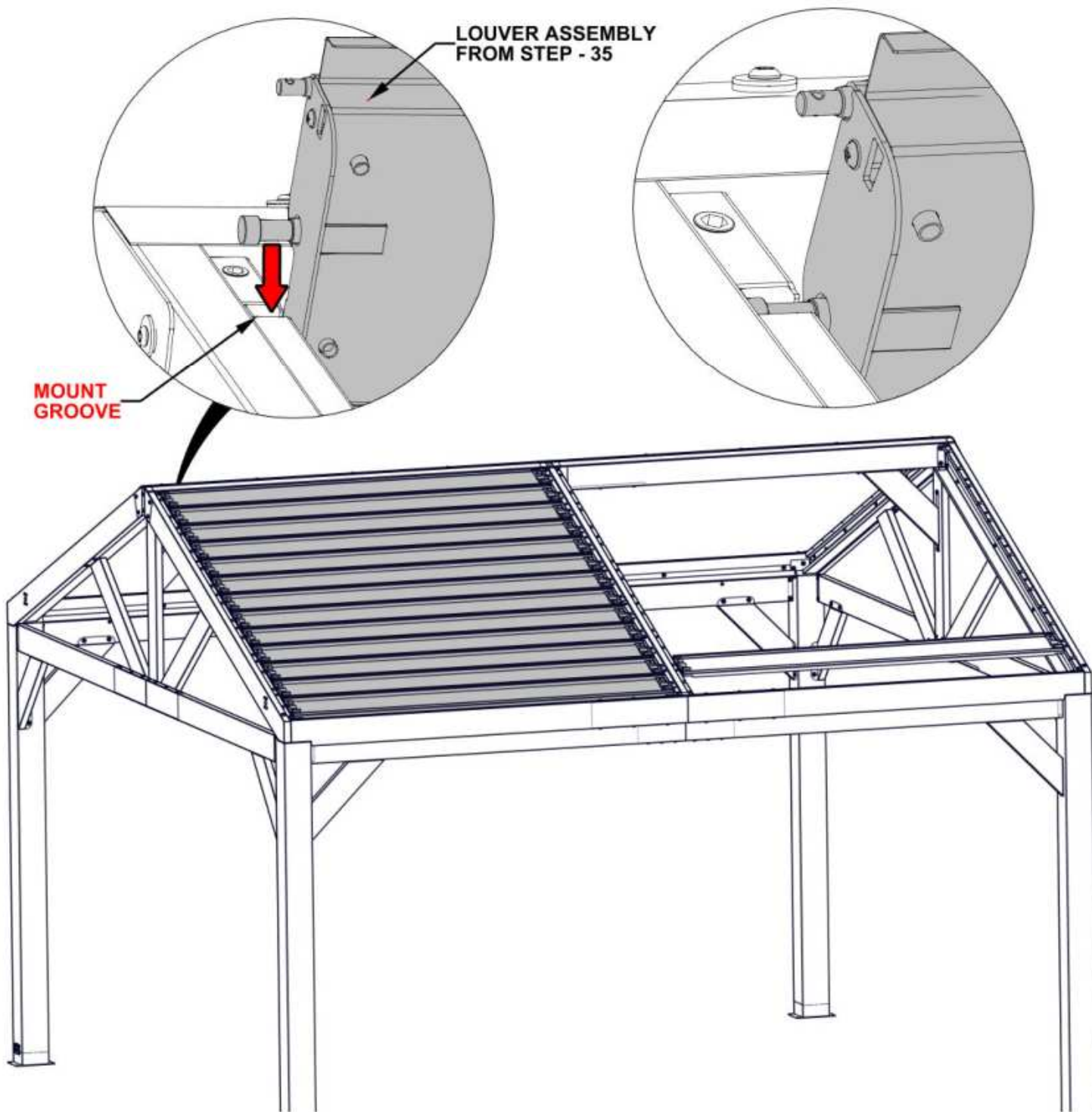


STEP 37 - LOUVER INSTALLATION



LOUVER ASSEMBLY FROM STEP - 35
(x12)

- STARTING AT ROOF TOP, PLACE THE LOUVER ASSEMBLY FROM STEP 35 INTO THE LOUVER MOUNT GROOVE.
- PLACE THE ASSEMBLY DOWN IN THE CORRESPONDING GROOVES.



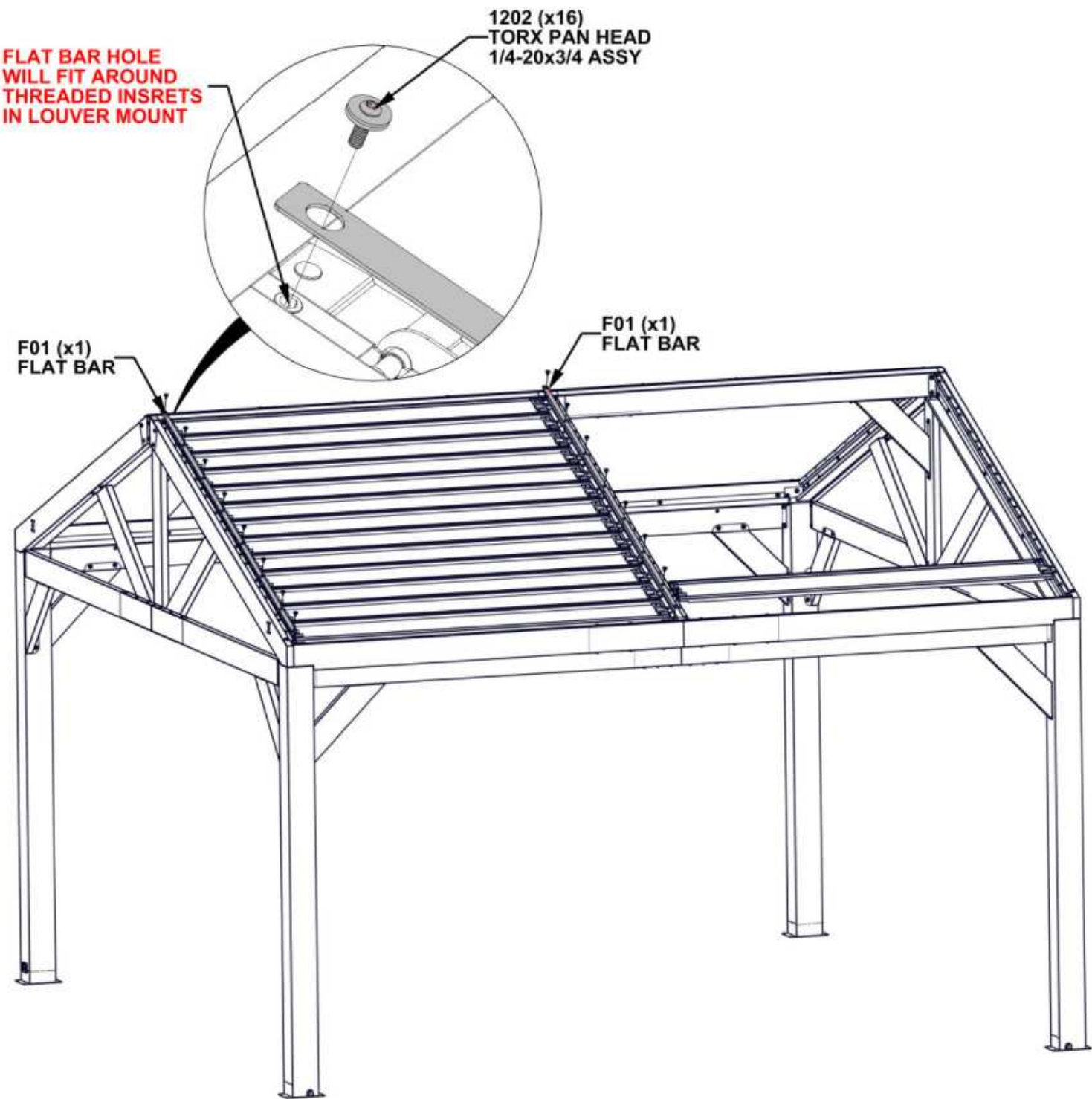
STEP 38A - LOUVER INSTALLATION



Qty	PartNo	Description
16	H101202	TORX PAN HEAD 1/4-20x3/4 ASSY

F01 FLAT BAR - A4M05834
(x2) 1/16"x1"x88 1/4" (2x25x2241.00)

- ATTACH FLAT BAR ALONG LOUVER MOUNT ON THE LEFT AND RIGHT SIDE. FLAT BAR WILL HOLD ALL LOUVERS IN PLACE.

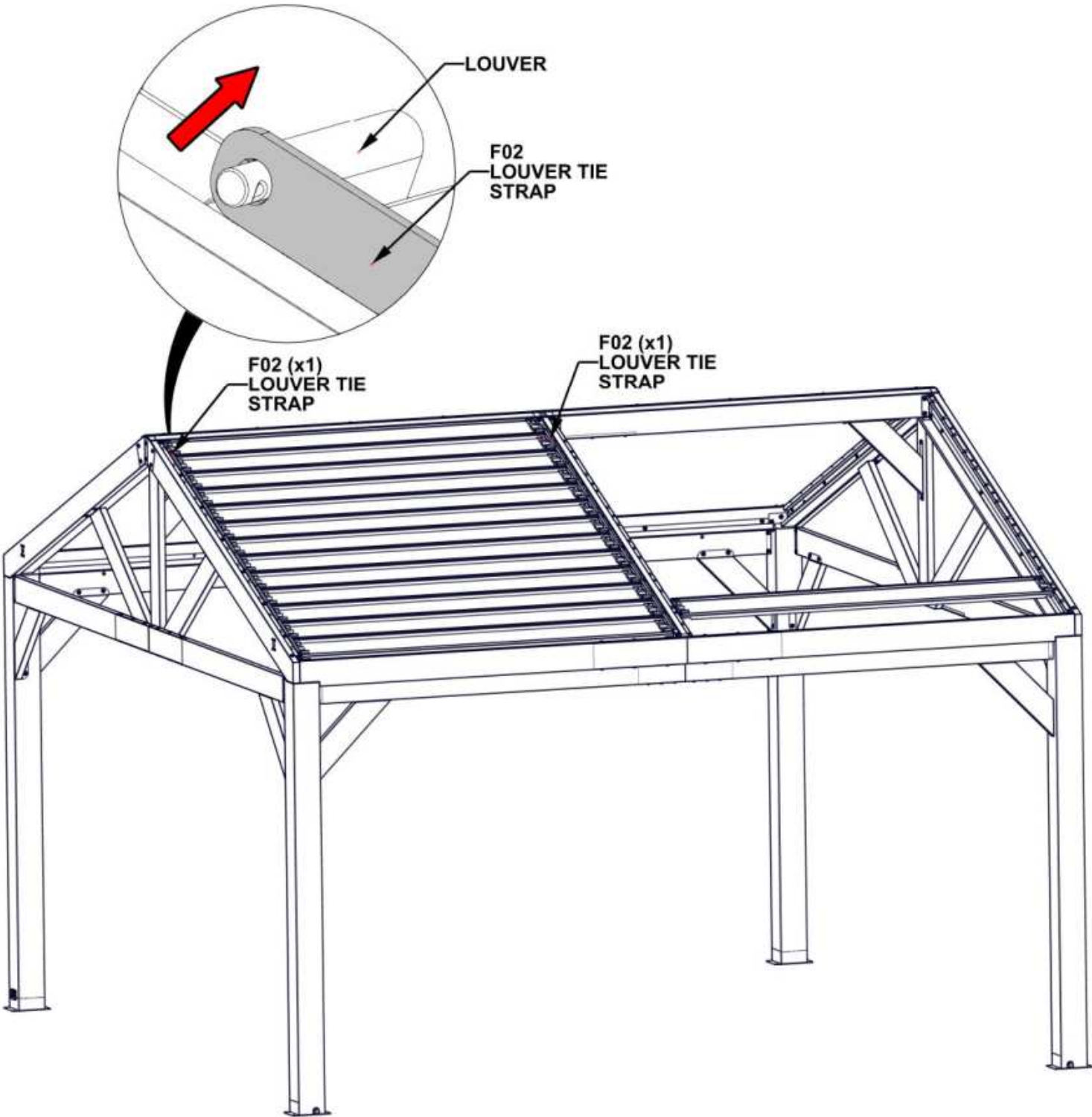


STEP 38B - LOUVER INSTALLATION

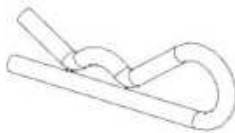


F02 LOUVER TIE STRAP - A4M02130
(x2) 1/8"x13/16"x81 9/16" (3x20x2072)

- LOUVER TIE STRAPS WILL CONNECT ALL LOUVERS TO ONE ANOTHER.
- CONNECT LOUVERS USING TIE STRAPS.

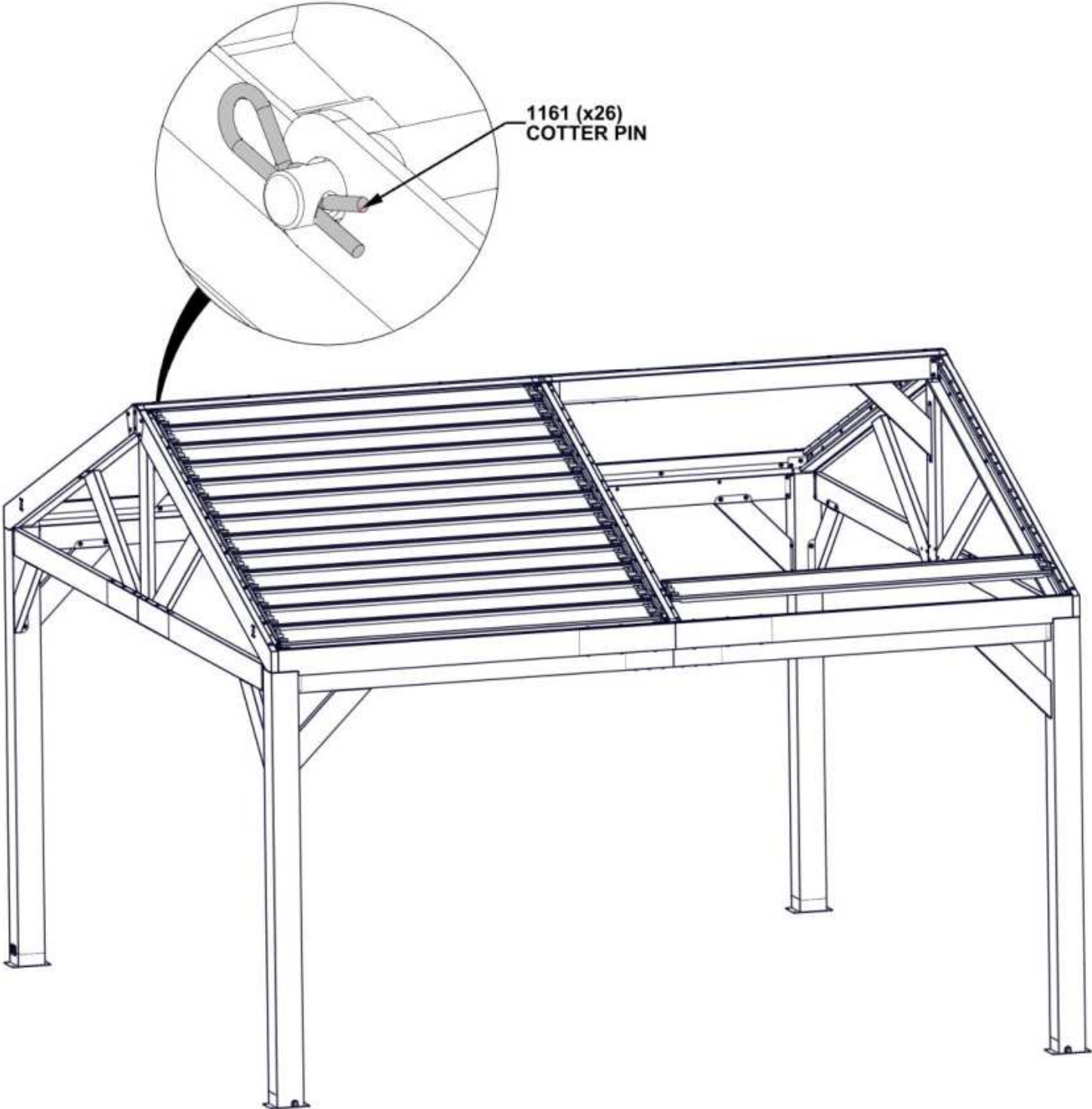


STEP 38C - LOUVER INSTALLATION



H101161 COTTER PIN
(x26)

- INSTALL COTTER PINS ON EACH LOUVER TO HOLD TIE STRAP IN PLACE.
- CONFIRM ALL HARDWARE HAS BEEN TIGHTENED FROM PREVIOUS STEPS.

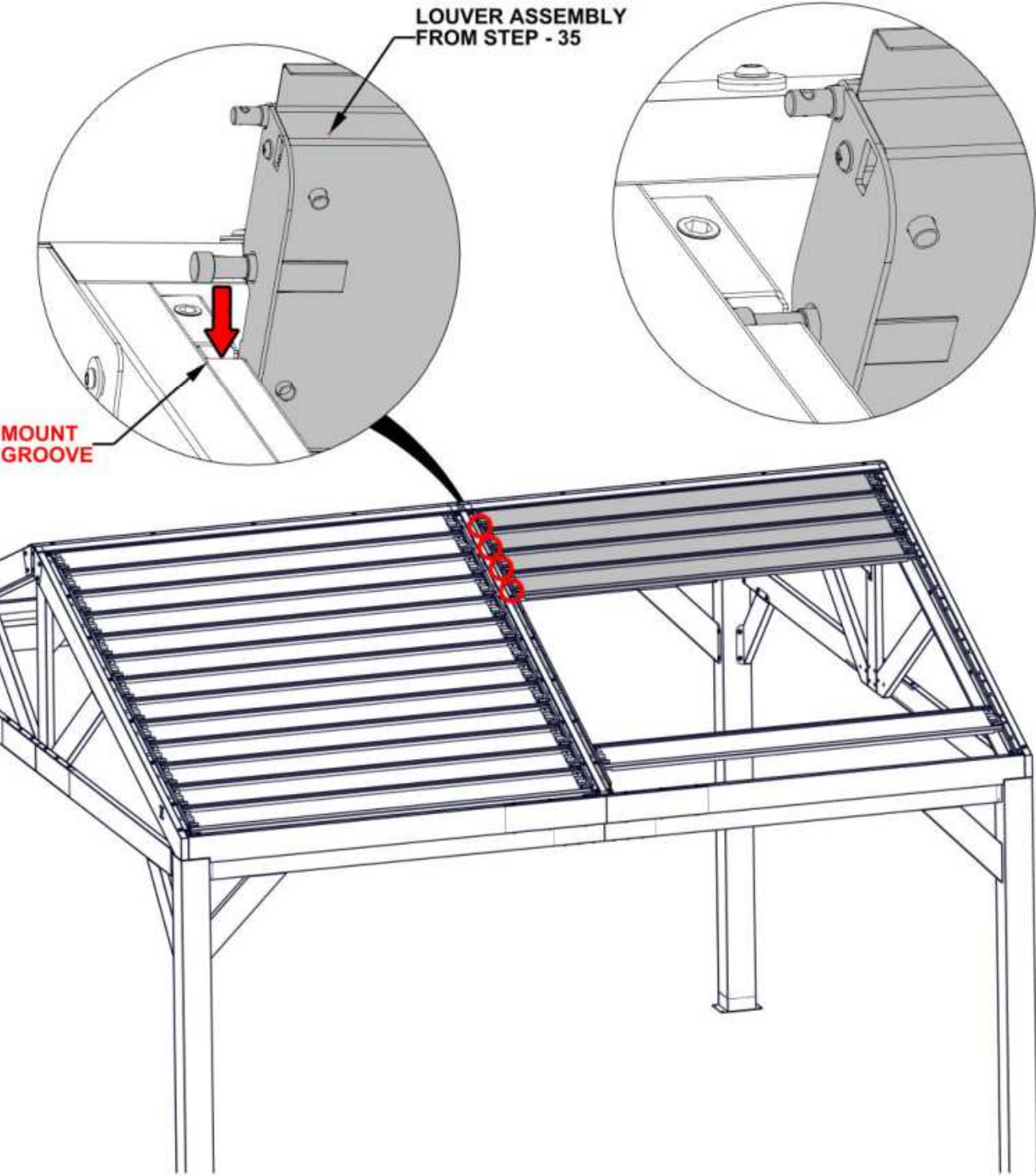


STEP 39A - LOUVER INSTALLATION



LOUVER ASSEMBLY FROM STEP - 35
(x4)

- STARTING AT ROOF TOP, PLACE THE LOUVER ASSEMBLY FROM STEP 35 INTO THE LOUVER MOUNT GROOVE.
- PLACE THE ASSEMBLY DOWN IN THE CORRESPONDING GROOVES.



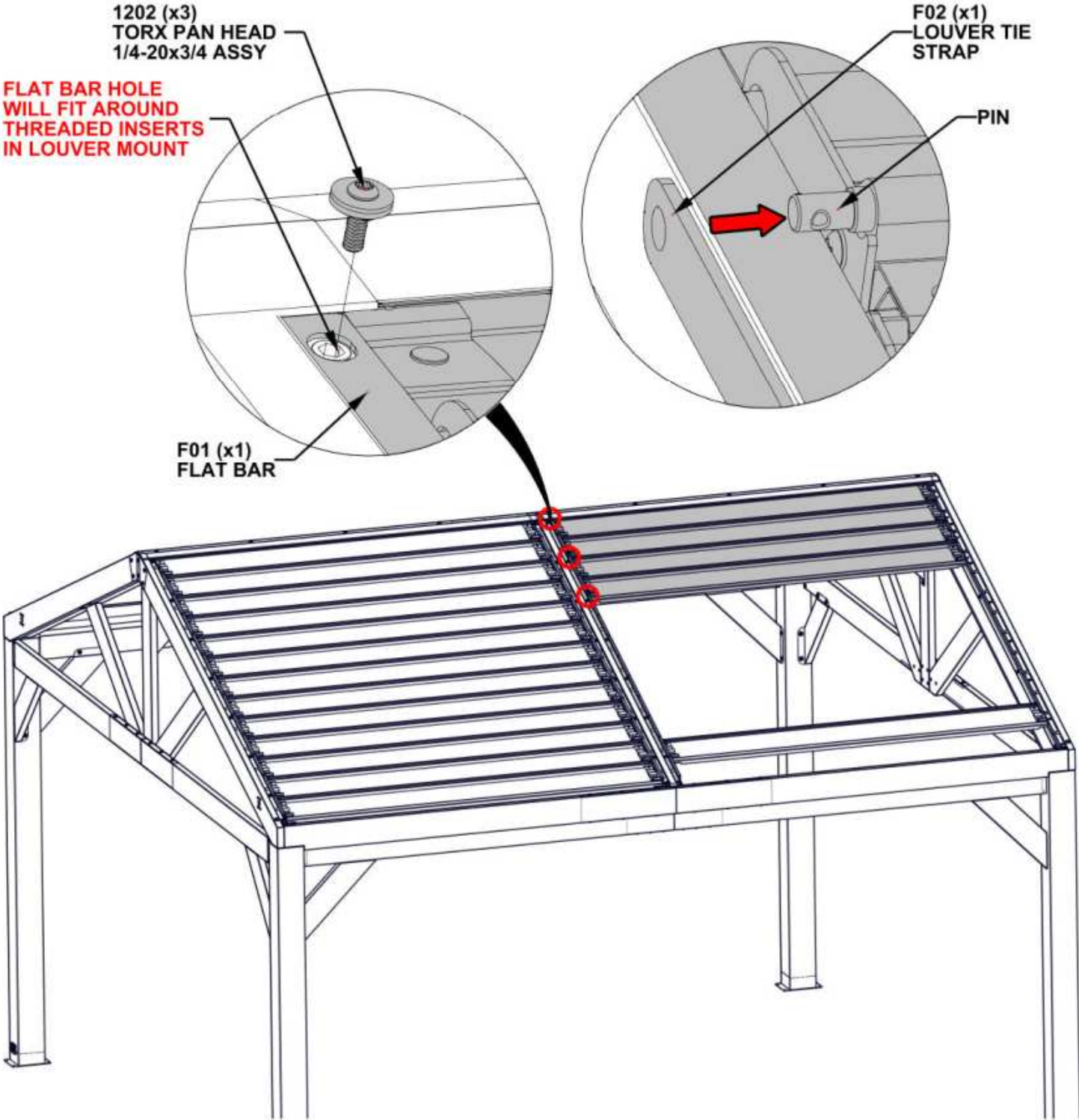
STEP 39B - LOUVER INSTALLATION

Qty	PartNo	Description
3	H101202	TORX PAN HEAD 1/4-20x3/4 ASSY

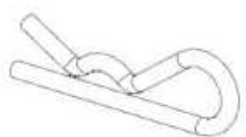
F01 FLAT BAR - A4M05834
(x1) 1/16"x1"x88 1/4" (2x25x2241.00)

F02 LOUVER TIE STRAP - A4M02130
(x1) 1/8"x13/16"x81 9/16" (3x20x2072)

- ON THE CENTER, INSTALL FLAT BAR AND THREE BOLTS TO HOLD IN PLACE.
- ATTACH LOUVER TIE STRAP AND SLIDE OVER PINS ON LOUVER ASSEMBLIES.

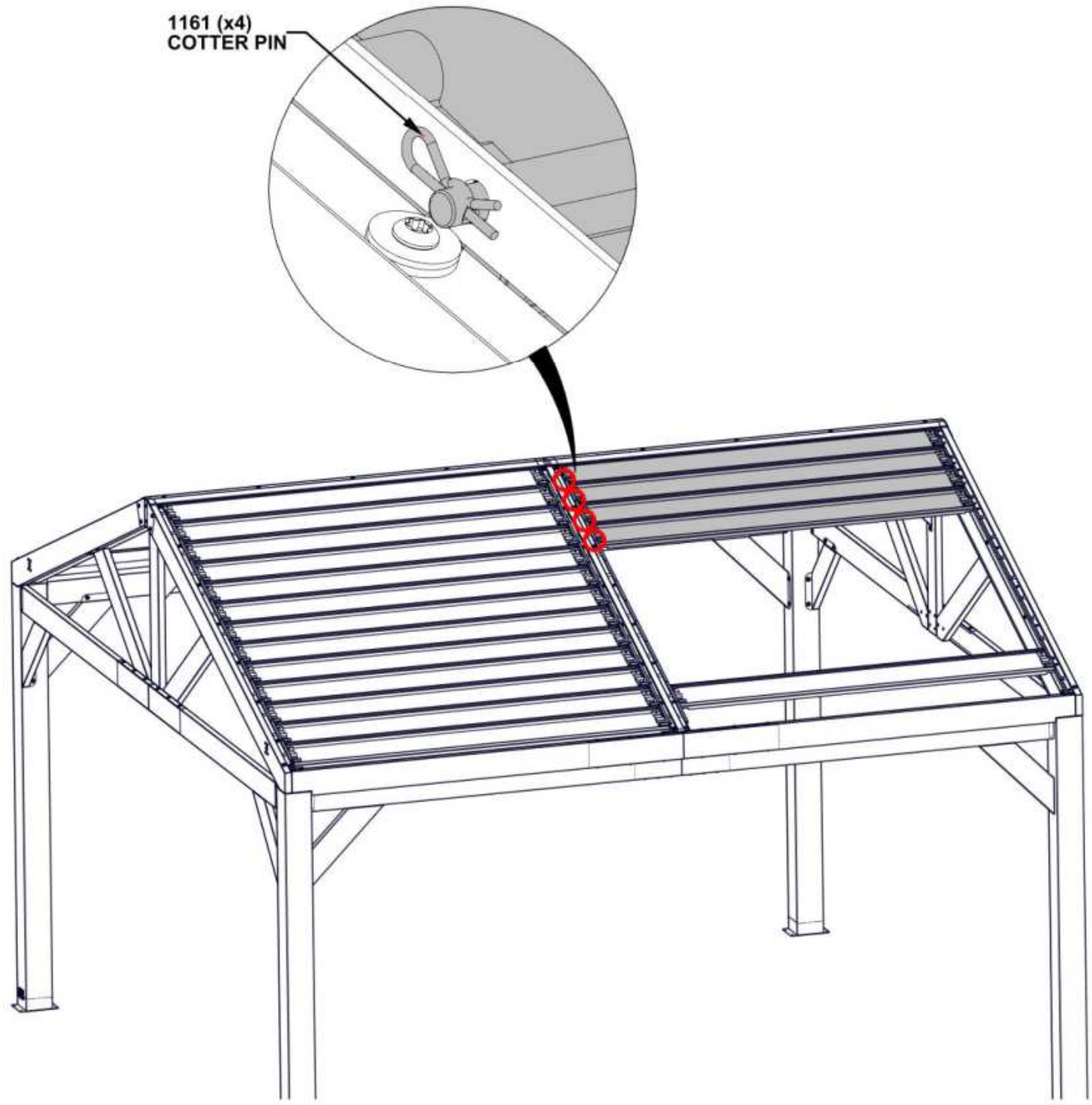


STEP 39C - LOUVER INSTALLATION



H101161 COTTER PIN
(x4)

- MAKE SURE ALL LOUVER BLADE ASSEMBLIES ARE ORIENTED IN THE SAME DIRECTION.
- ATTACH COTTER PINS TO EACH OF THE INSTALLED LOUVER BLADES ON THE CENTER.



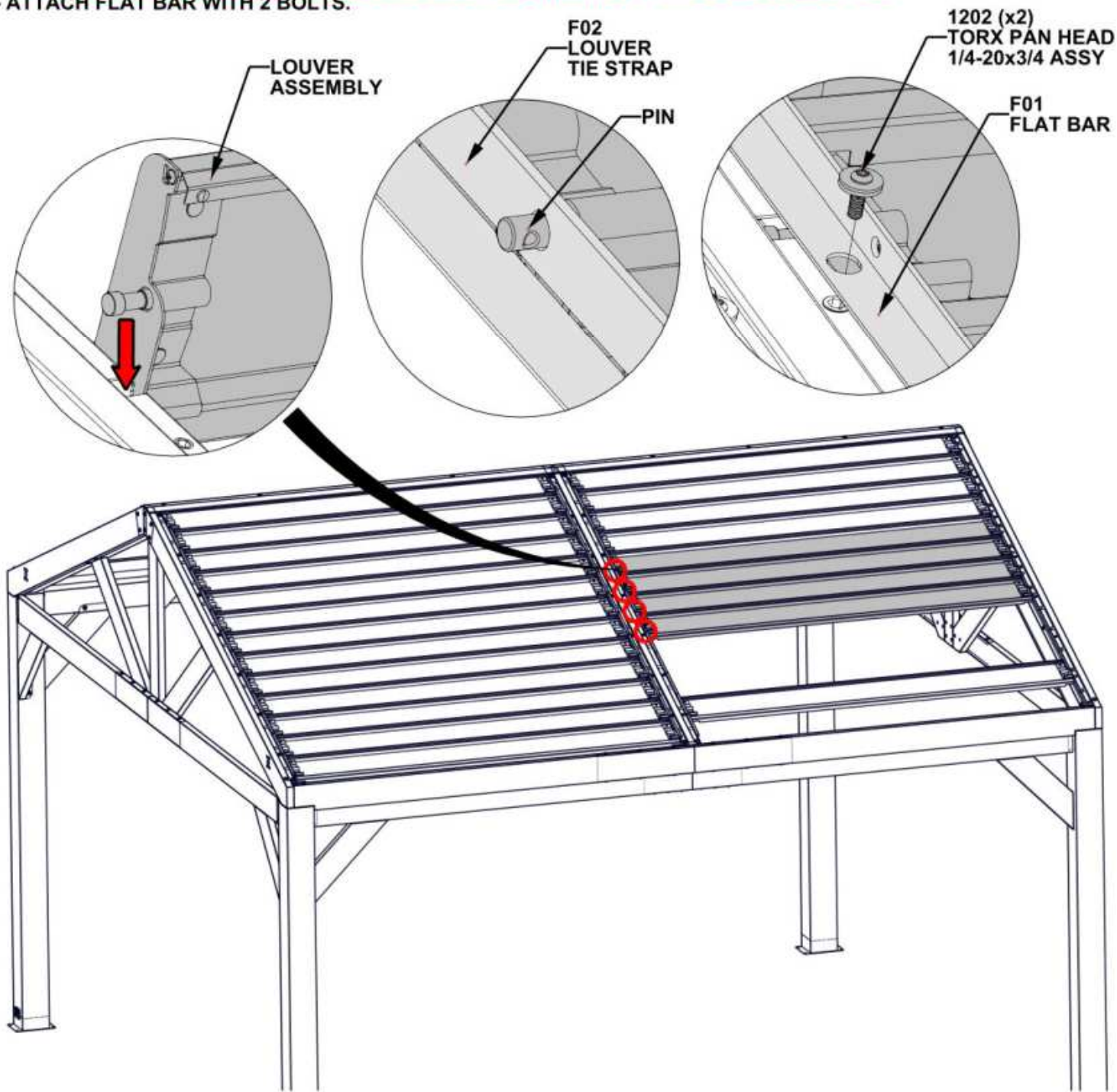
STEP 39D - LOUVER INSTALLATION



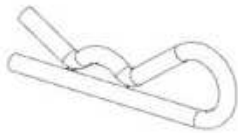
LOUVER ASSEMBLY FROM STEP - 35
(x4)

Qty	PartNo	Description
2	H101202	TORX PAN HEAD 1/4-20x3/4 ASSY

- ON THE CENTER, LIFT TIE STRAPS AND FLAT BARS UP ENOUGH TO SLIDE LOUVERS INTO GROOVES IN LOUVER MOUNTS.
- SLIDE TIE STRAP ONTO PINS ON LOUVER ASSEMBLIES.
- SET LOUVER ASSEMBLIES IN CORRESPONDING HOLES IN RIGHT OF UNIT.
- **MAKE SURE ALL LOUVER BLADE ASSEMBLIES ARE ORIENTED IN THE SAME DIRECTION.**
- ATTACH FLAT BAR WITH 2 BOLTS.



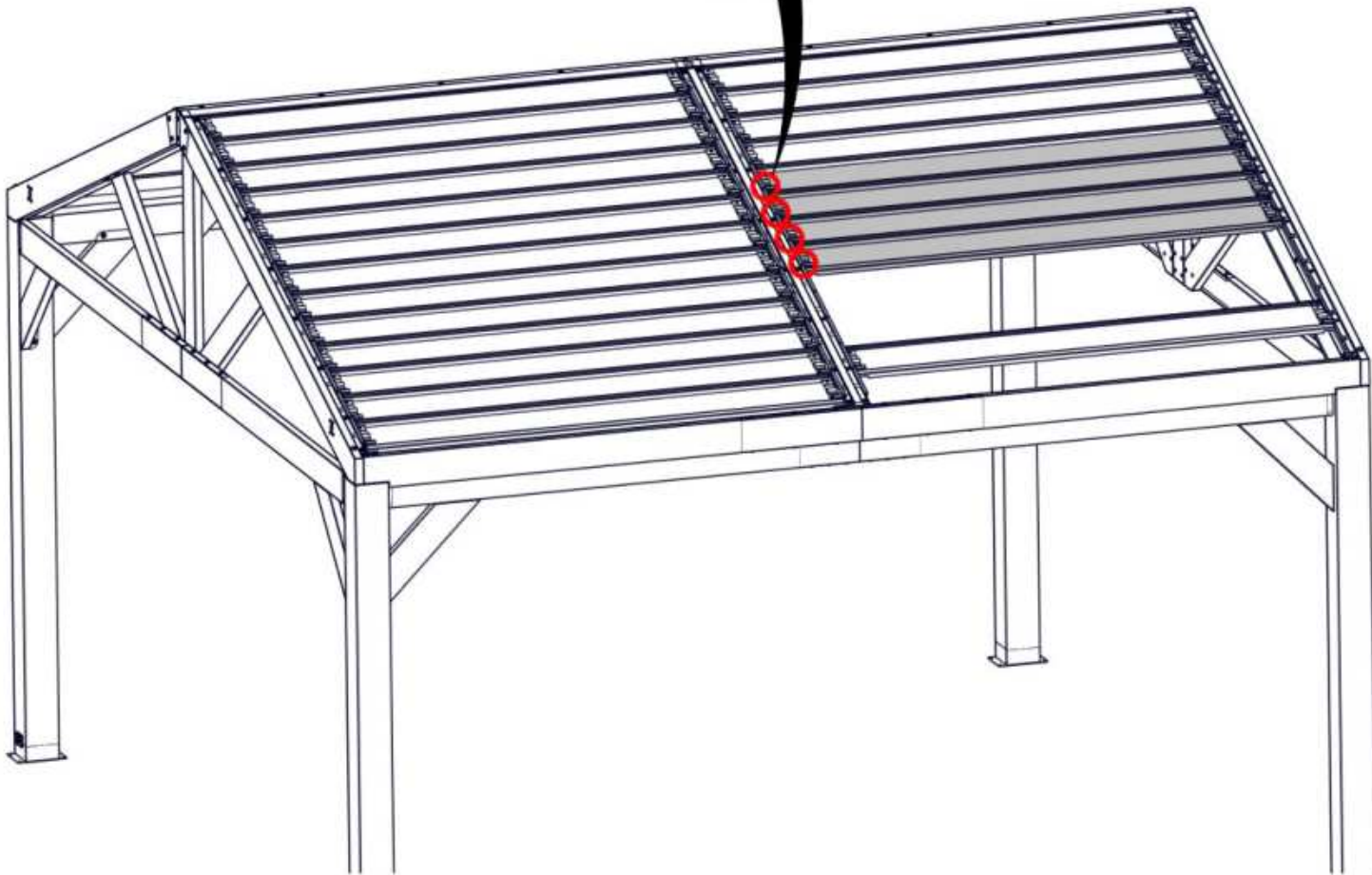
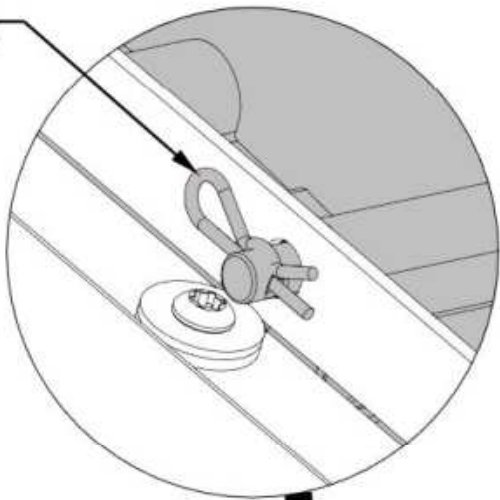
STEP 39E - LOUVER INSTALLATION



H101161 COTTER PIN
(x4)

- MAKE SURE ALL LOUVER BLADE ASSEMBLIES ARE ORIENTED IN THE SAME DIRECTION.
- ATTACH COTTER PINS TO EACH OF THE INSTALLED LOUVER BLADES ON THE CENTER.

1161 (x4)
COTTER PIN



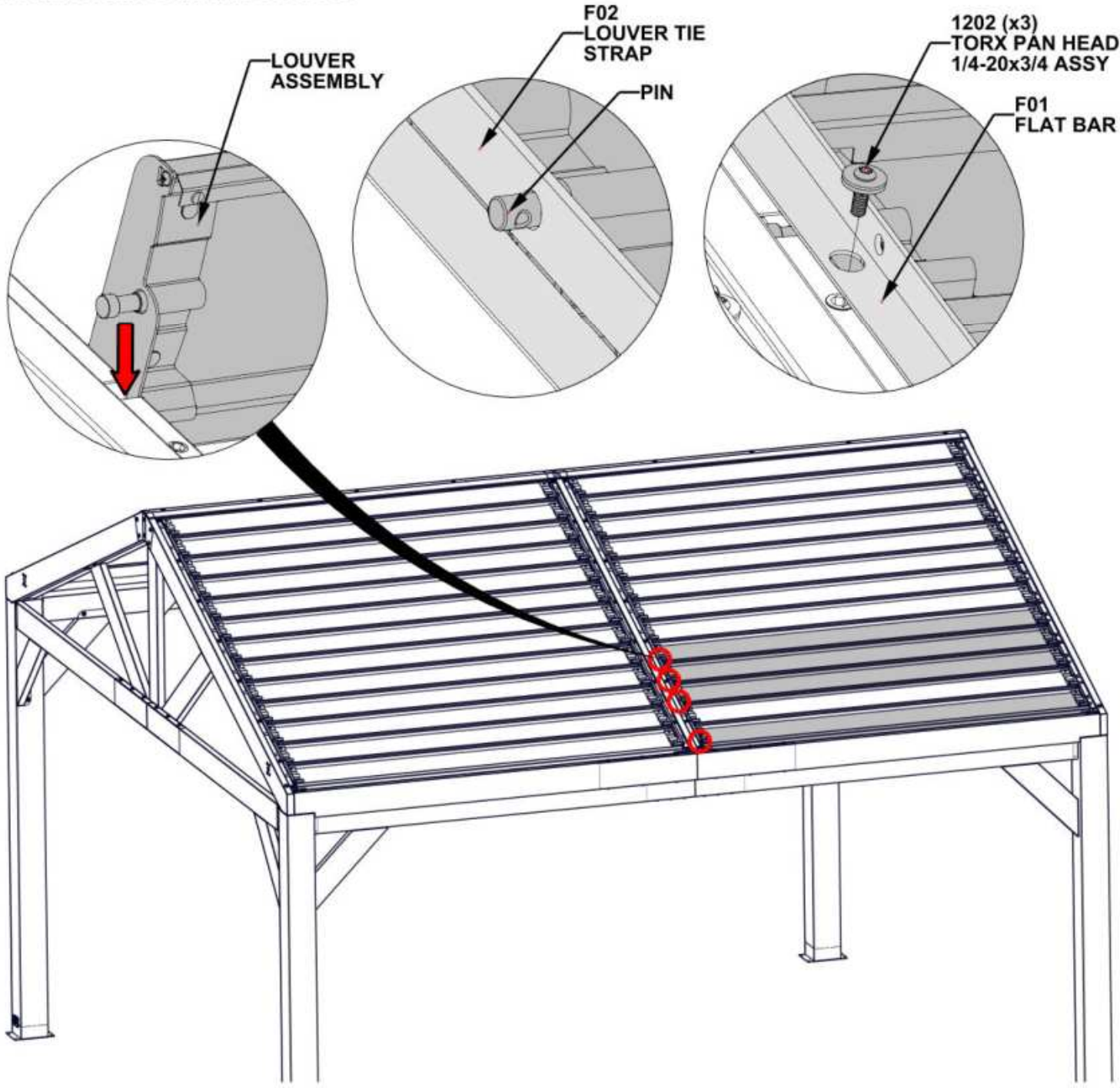
STEP 39F - LOUVER INSTALLATION



LOUVER ASSEMBLY FROM STEP - 35
(x4)

Qty	PartNo	Description
3	H101202	TORX PAN HEAD 1/4-20x3/4 ASSY

- ON THE CENTER, LIFT TIE STRAPS AND FLAT BARS UP ENOUGH TO SLIDE LOUVERS INTO GROOVES IN LOUVER MOUNTS.
- SLIDE TIE STRAP ONTO PINS ON LOUVER ASSEMBLIES.
- SET LOUVER ASSEMBLIES IN CORRESPONDING HOLES IN RIGHT OF UNIT.
- **MAKE SURE ALL LOUVER BLADE ASSEMBLIES ARE ORIENTED IN THE SAME DIRECTION.**
- ATTACH FLAT BAR WITH 3 BOLTS.

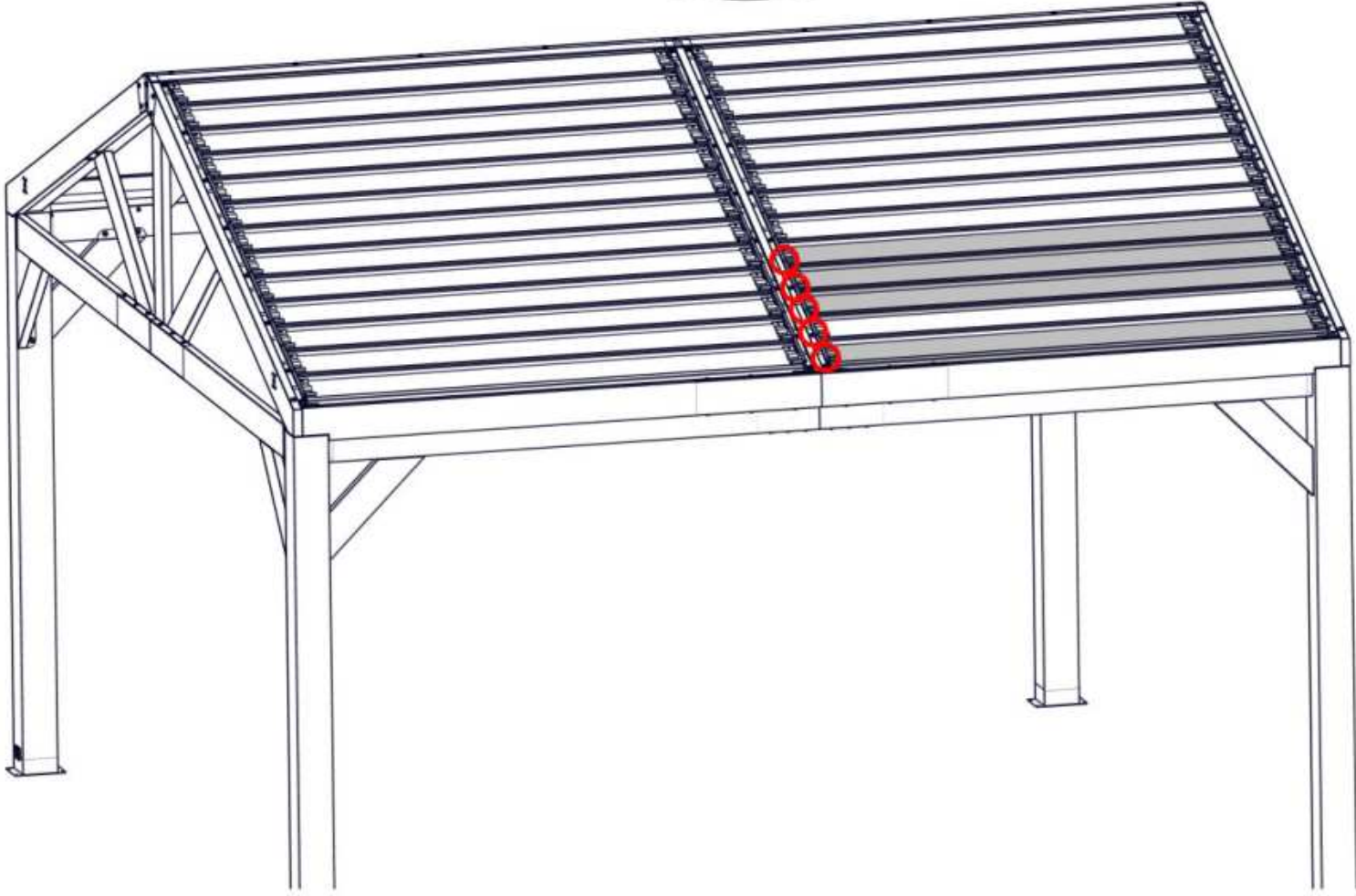
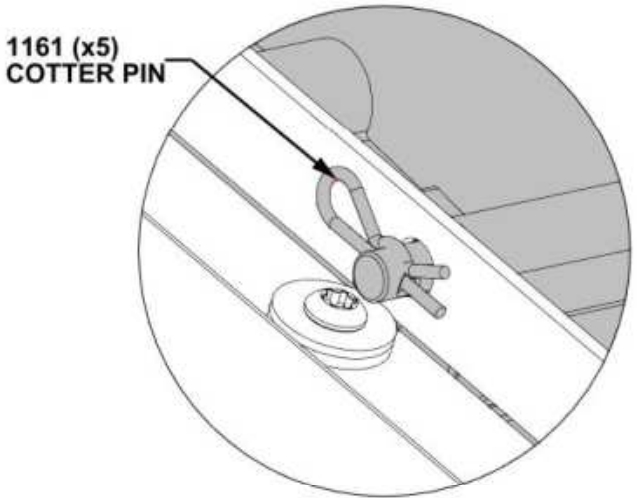


STEP 39G - LOUVER INSTALLATION



H101161 COTTER PIN
(x5)

- MAKE SURE ALL LOUVER BLADE ASSEMBLIES ARE ORIENTED IN THE SAME DIRECTION.
- ATTACH COTTER PINS TO EACH OF THE INSTALLED LOUVER BLADES ON THE CENTER.



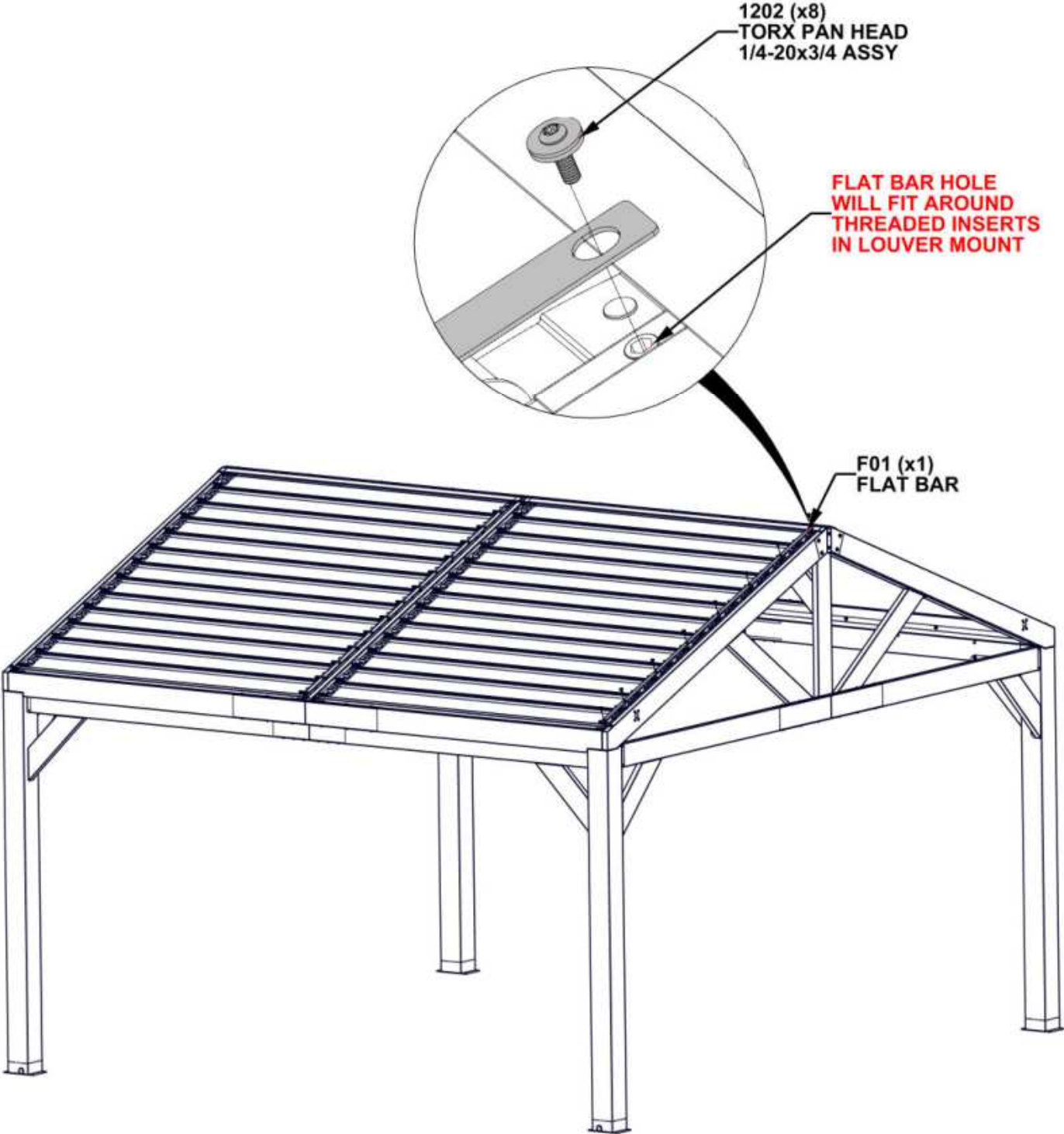
STEP 40A - LOUVER INSTALLATION



F01 FLAT BAR - A4M05834
(x1) 1/16"x1"x88 1/4" (2x25x2241.00)

Qty	PartNo	Description
8	H101202	TORX PAN HEAD 1/4-20x3/4 ASSY

- ATTACH FLAT BAR ALONG LOUVER MOUNT ON THE RIGHT SIDE. FLAT BAR WILL HOLD ALL LOUVERS IN PLACE.

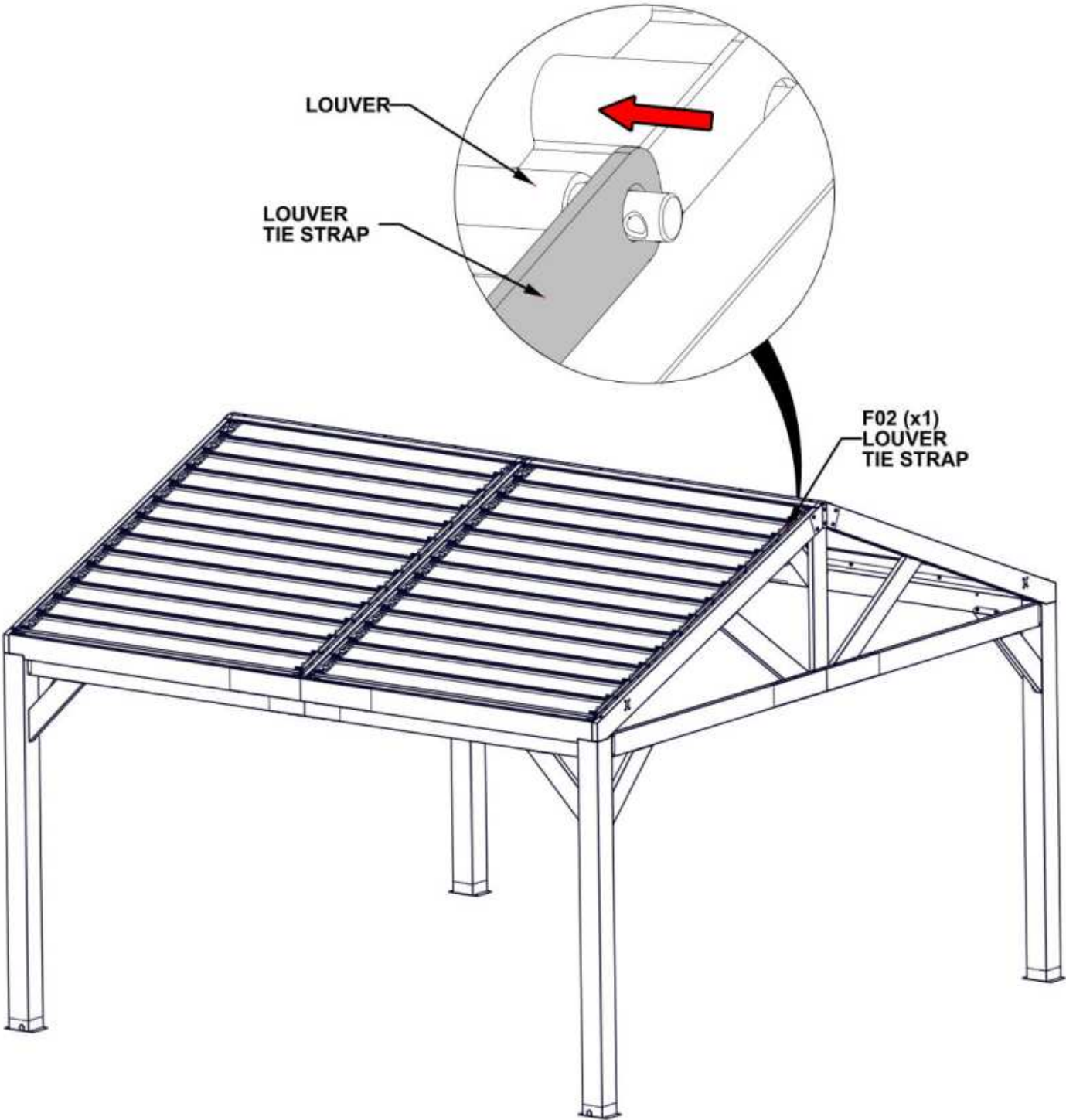


STEP 40B - LOUVER INSTALLATION

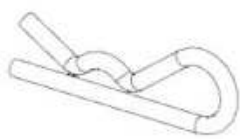


F02 LOUVER TIE STRAP - A4M02130
(x1) 1/8"x13/16"x81 9/16" (3x20x2072)

- LOUVER TIE STRAPS WILL CONNECT ALL LOUVERS TO ONE ANOTHER.
- CONNECT LOUVERS USING TIE STRAPS.



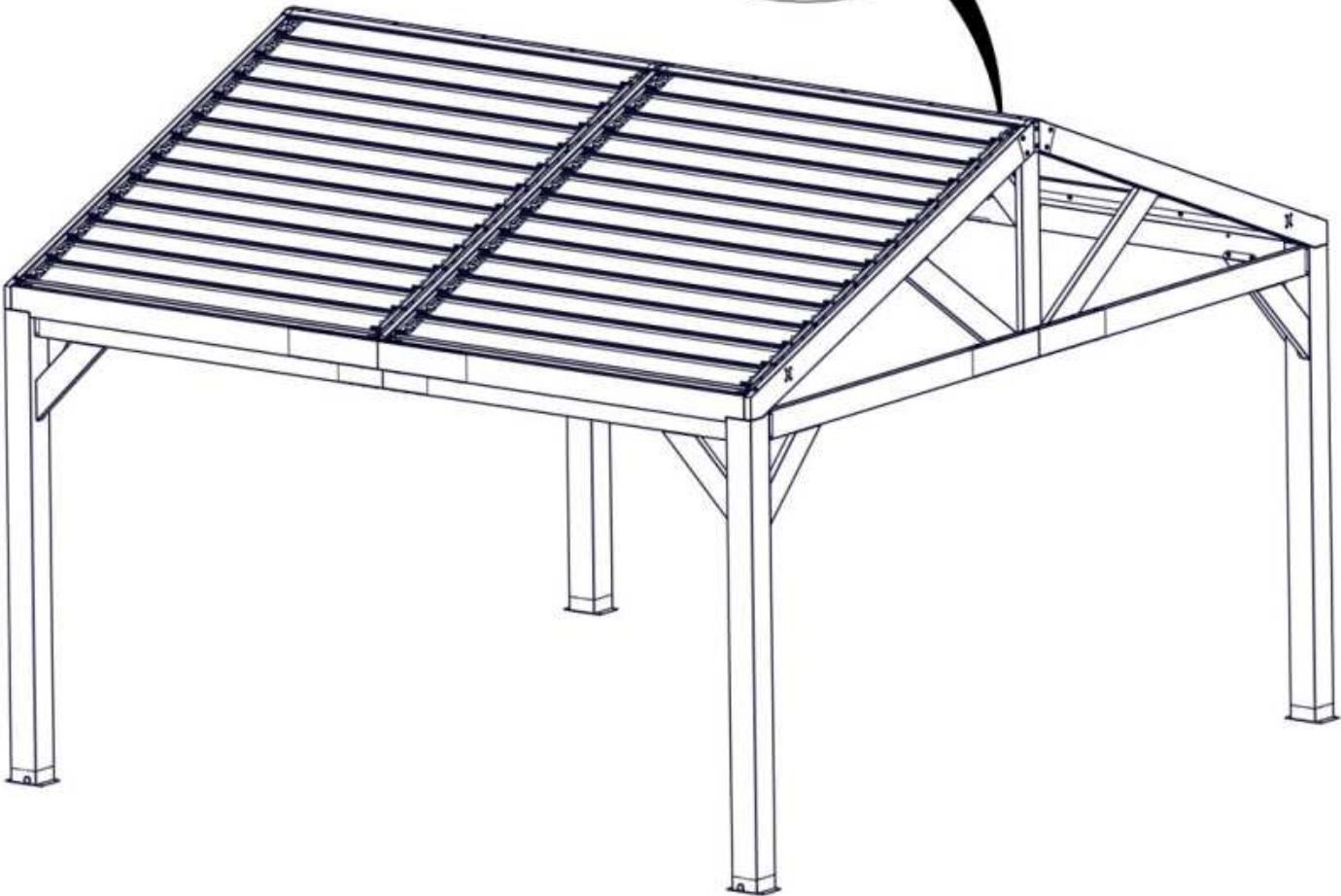
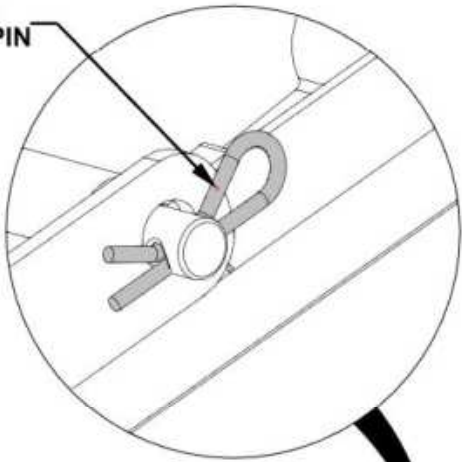
STEP 40C - LOUVER INSTALLATION



H101161 COTTER PIN
(x13)

- INSTALL COTTER PINS ON EACH LOUVER TO HOLD TIE STRAP IN PLACE.
- CONFIRM ALL HARDWARE HAS BEEN TIGHTENED FROM PREVIOUS STEPS.

1161 (x13)
COTTER PIN



**REPEAT LOUVER INSTALLATION STEPS 34A THROUGH 40C
ON THE OPPOSITE SIDE OF ROOF**

STEP 41 - LOUVER MECHANISM

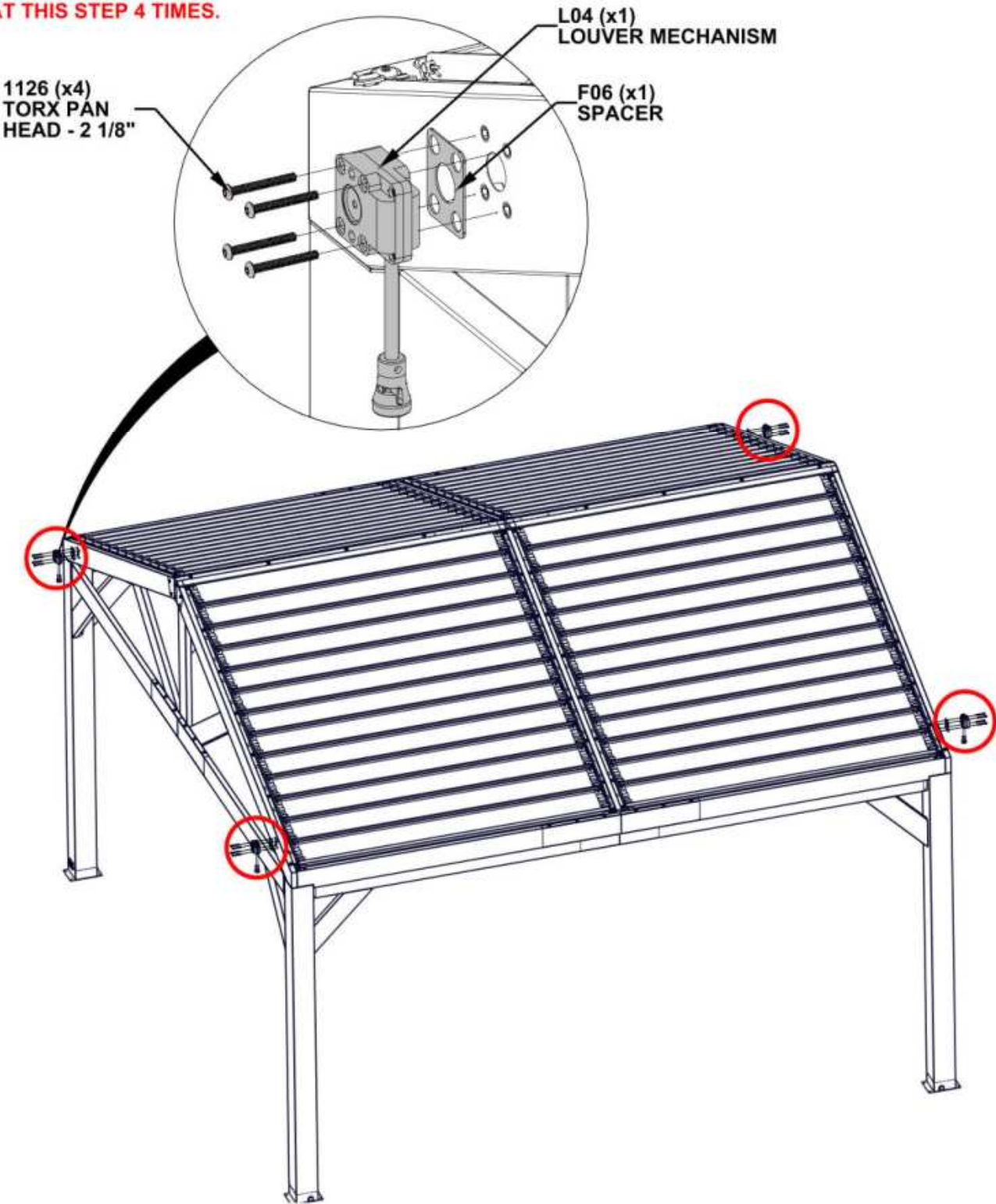


Qty	PartNo	Description
16	H101126	TORX PAN HEAD 1/4-20x2 1/8"

L04 LOUVER MECHANISM - A4M02132
(x4) 11/16"x2 1/2"x2 7/8" (17x64x73)

F06 SPACER - A4M02227
(x4) 1/16"x2 3/16"x2 3/4" (1.5x56x70)

- ALIGN SCREW HOLES.
- REPEAT THIS STEP 4 TIMES.



STEP 42 - LOUVER MECHANISM

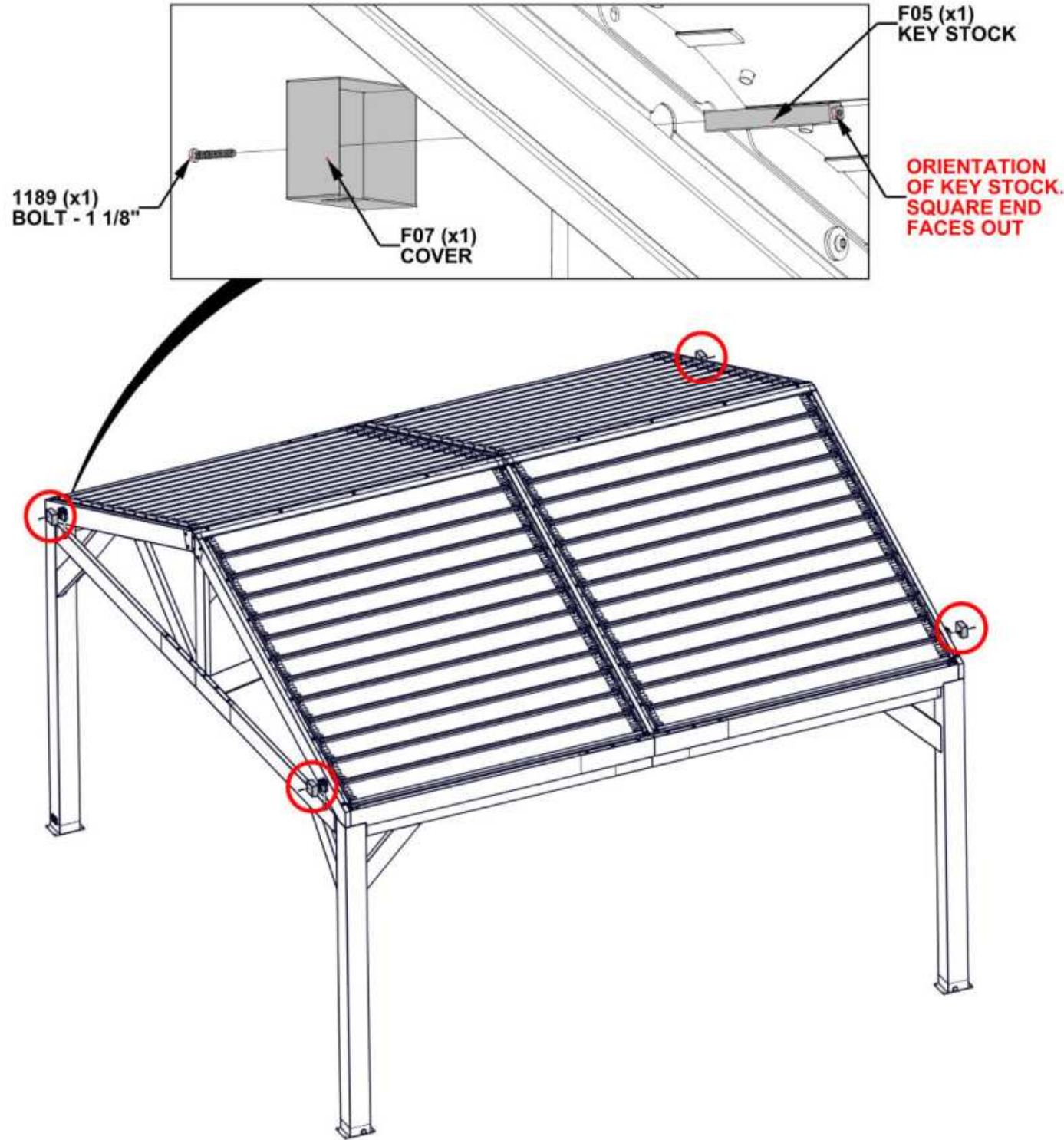
Qty	PartNo	Description
4	H101187	BOLT PPH BLK



F07 COVER - A4M02228
(x4) 1 9/16"x2 7/8"x3 1/4" (39.5x73x82)

F05 KEY STOCK - A4M02226
(x4) 1/2"x1/2"x3 3/4" (13.0x13.0x95)

- ALIGN SCREW HOLES.
- REPEAT THIS STEP 4 TIMES.



STEP 43A - LOUVER MECHANISM

Qty	PartNo	Description
4	H101189	LOW PROFILE SHOULDER BOLT BLK
4	H100653	NUT LOCK 1/4 BLK
8	H100474	WASHER FLAT 9x18 BLK

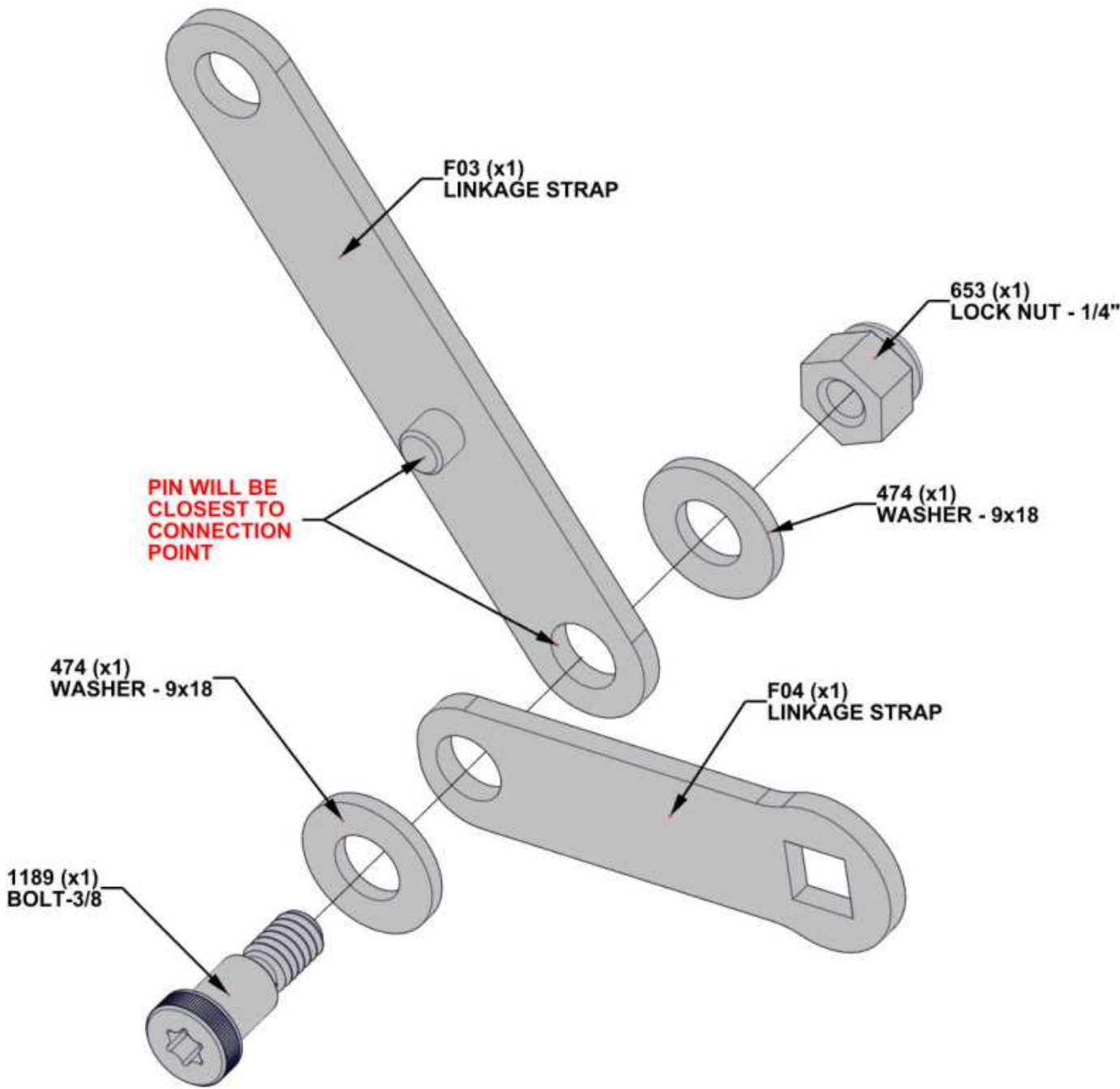


F03 LINKAGE STRAP - A4M02229-01
(x4) 1/8"x11/16"x3 13/16" (3x17x97)

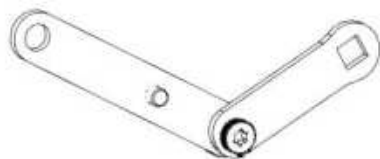


F04 LINKAGE STRAP - A4M02225
(x4) 1/8"x13/16"x2 5/8" (3x20x66)

- LINKAGES MUST BE ORIENTED AS SHOWN BELOW.
- DO NOT OVERTIGHTEN HARDWARE.
- LINKAGES SHOULD BE ABLE TO ROTATE FREELY.
- REPEAT THIS STEP 4 TIMES.



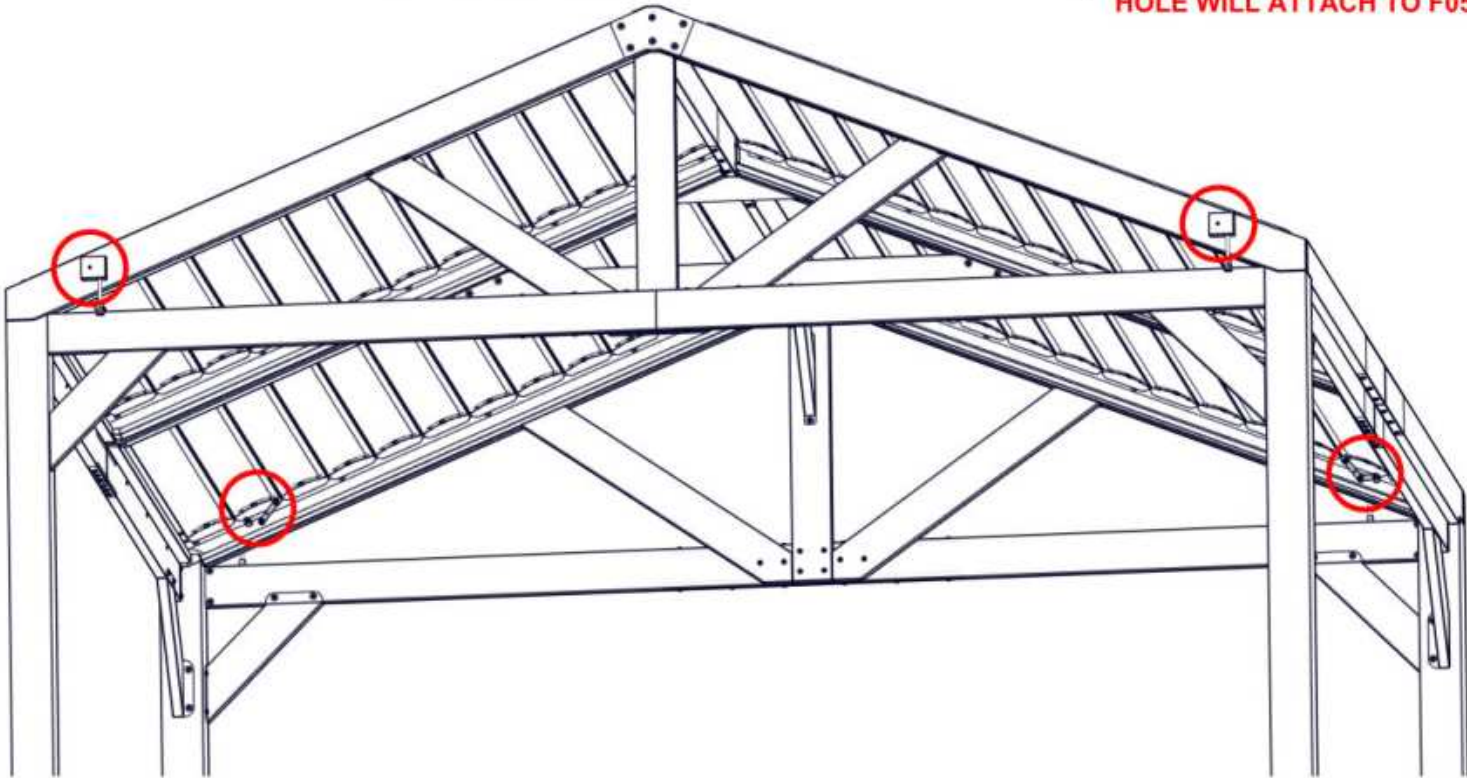
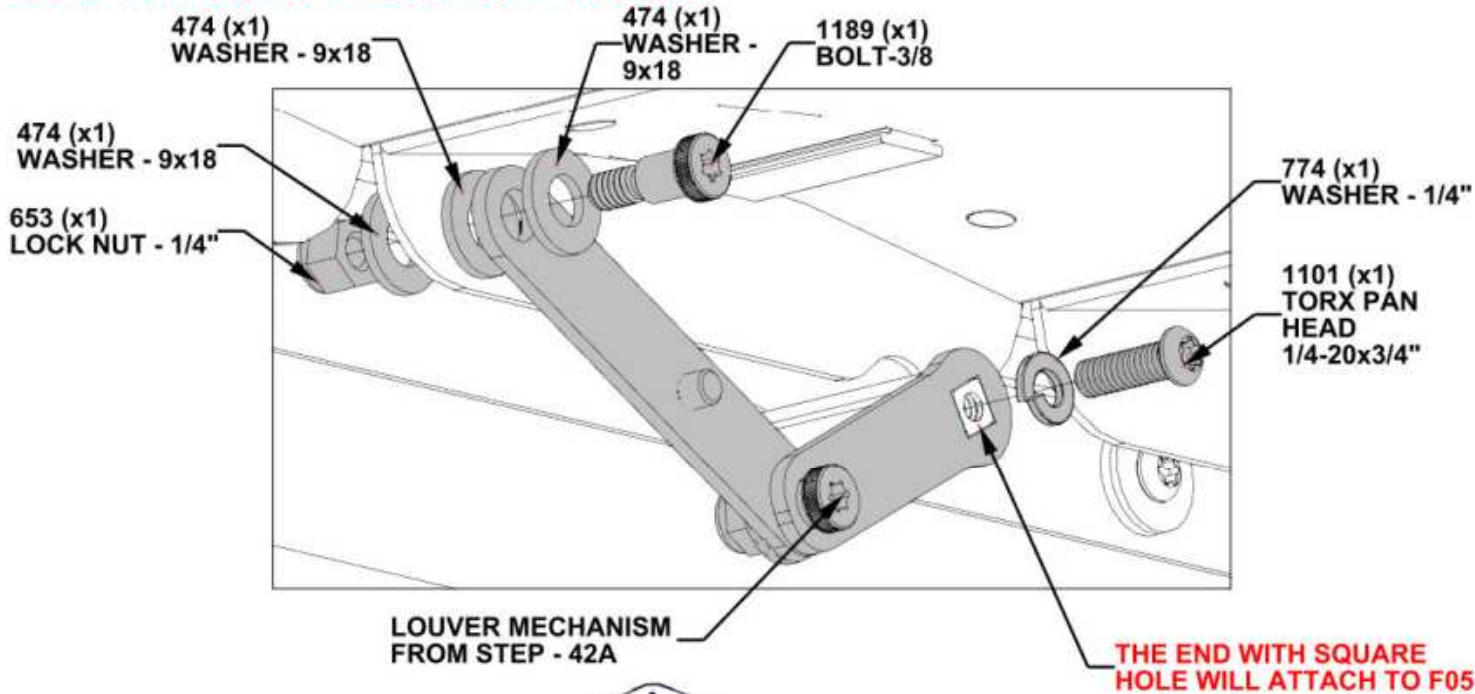
STEP 43B - LOUVER MECHANISM



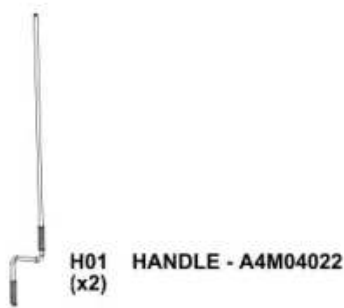
Qty	PartNo	Description
4	H101189	LOW PROFILE SHOULDER BOLT BLK
4	H101101	TORX PAN HEAD 1/4-20x3/4"
4	H100774	WASHER SPLIT
4	H100653	NUT LOCK 1/4 BLK
12	H100474	WASHER FLAT 9x18 BLK

LOUVER MECHANISM FROM STEP - 42A

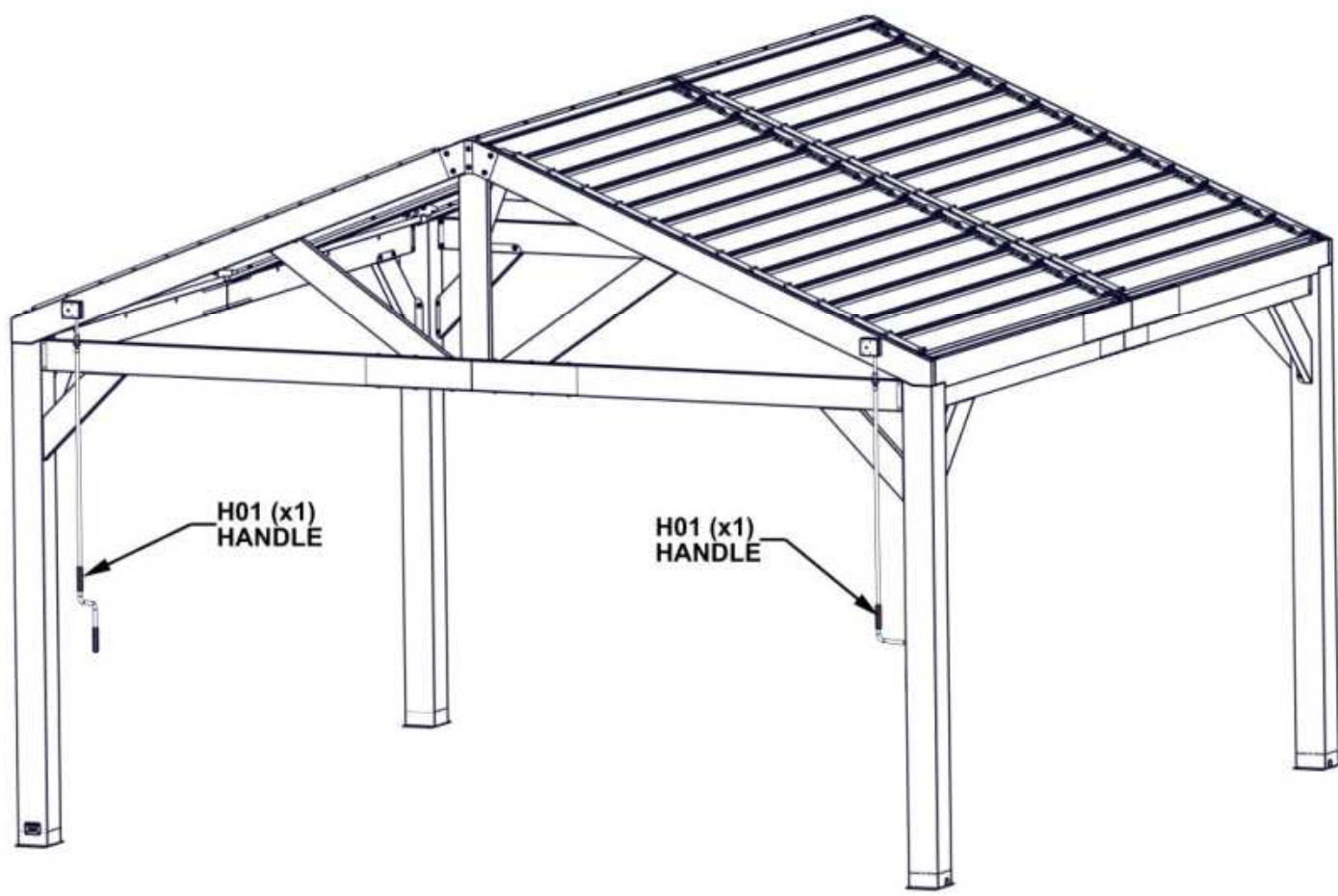
- LINKAGES MUST BE ORIENTED AS SHOWN BELOW.
- DO NOT OVERTIGHTEN HARDWARE.
- LINKAGES SHOULD BE ABLE TO ROTATE FREELY.
- REPEAT FOR 4 LOUVER MECHANISMS IN THIS STEP.



STEP 43C - LOUVER MECHANISM



- CONNECT CRANK HANDLES TO MECHANISMS. TURN HANDLES TO LOCK IN PLACE.

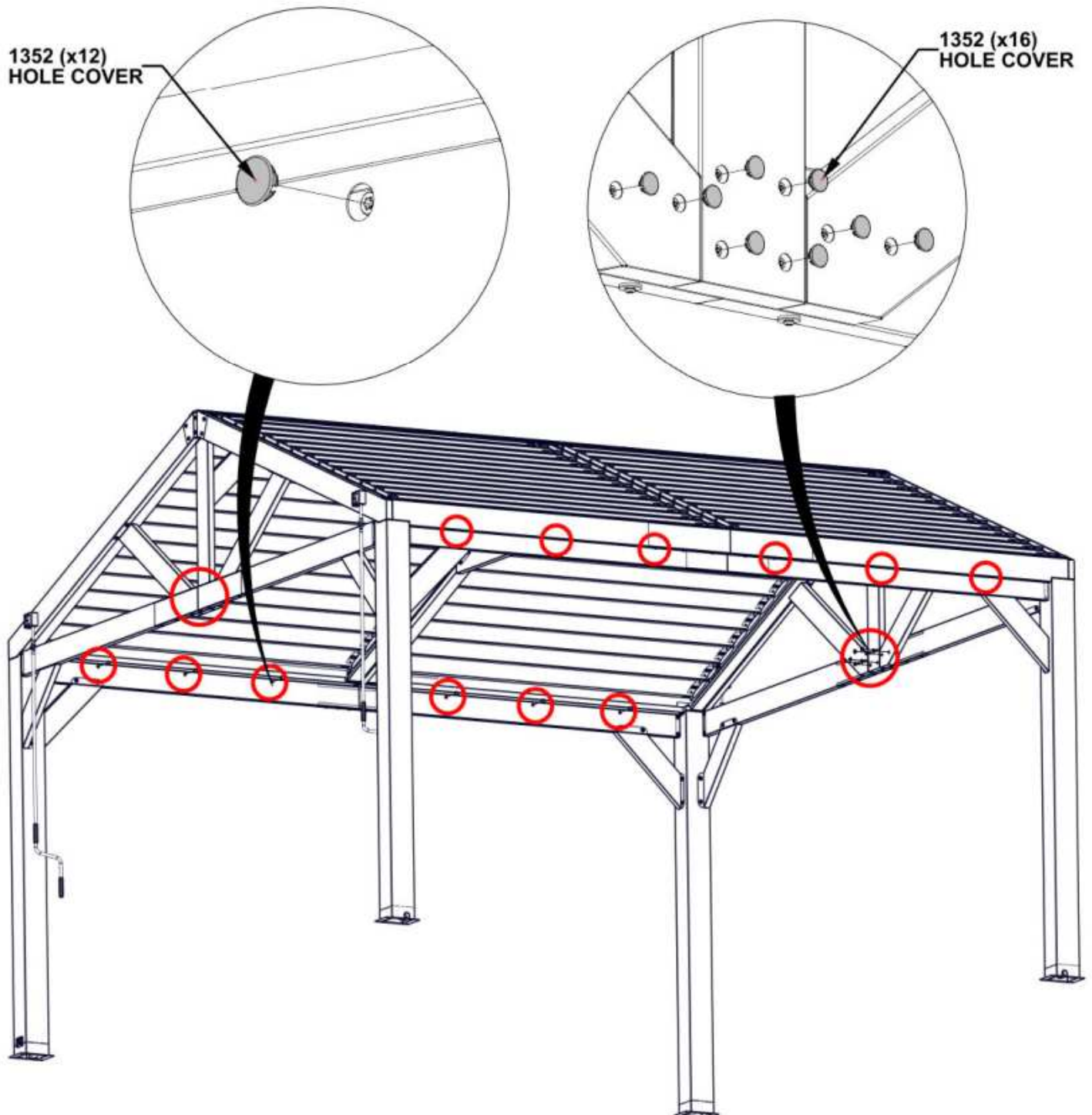


STEP 44 - STRUCTURE ASSEMBLY



A4M01352 HOLE COVER
(x28)

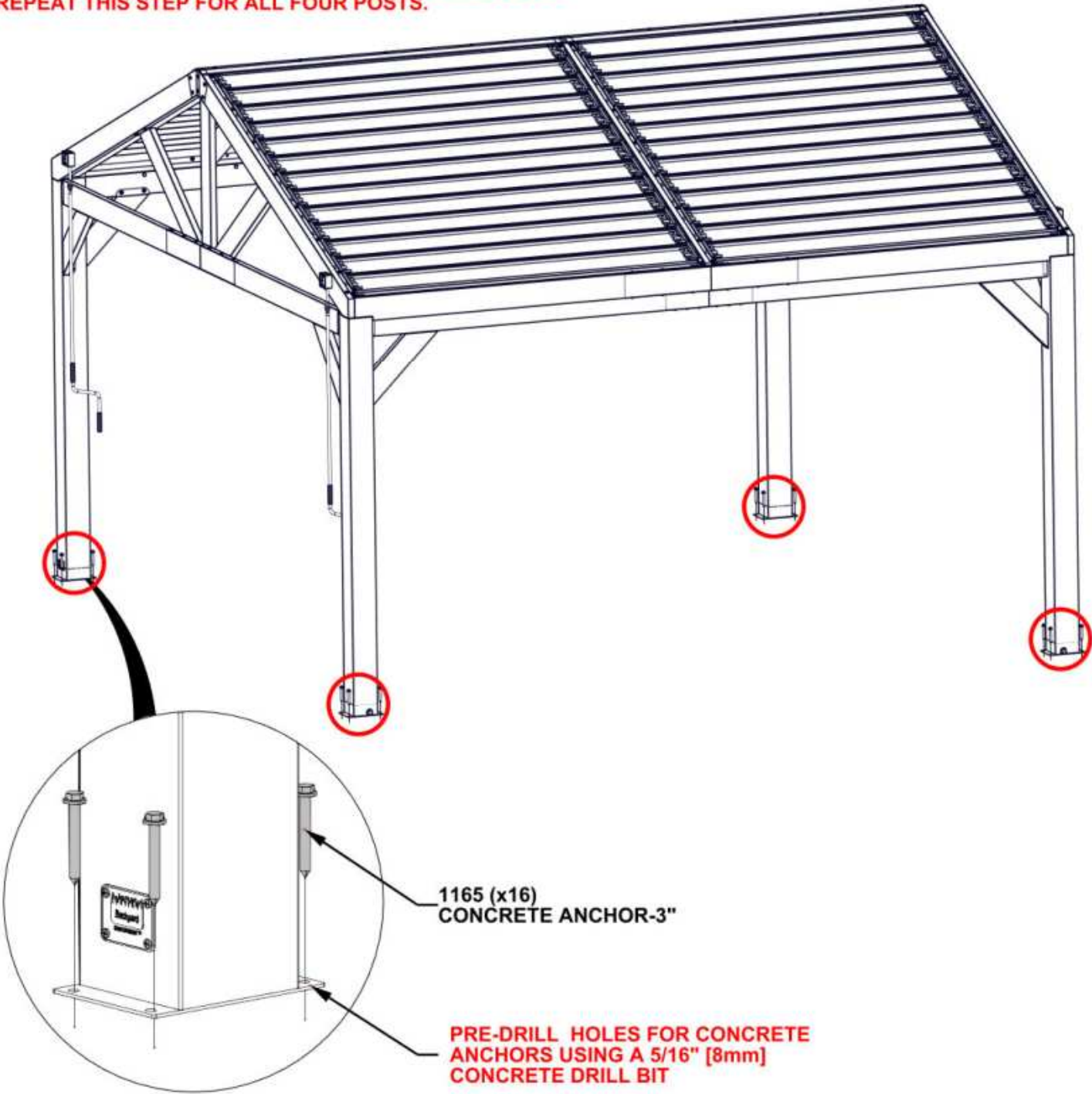
- USE A SMALL PIECE OF WOOD AND RUBBER Mallet TO TAP HOLE COVERS IN.
- DO NOT TAP DIRECTLY WITH A HAMMER AS YOU MAY DAMAGE THE POWDER COAT FINISH ON PRODUCT.



STEP 45 - PERGOLA ANCHORING

Qty	PartNo	Description
16	H101165	CONCRETE ANCHOR 3/8"x3" BLK

- MANUFACTURER RECOMMENDS INSTALLATION ON CONCRETE SURFACE OR CONCRETE POST PADS. SEE BELOW.
- FOR INSTALLATION ON WOOD DECKS, YOU MUST ENSURE THERE IS AMPLE STRUCTURAL SUPPORT UNDER DECK.
- REPEAT THIS STEP FOR ALL FOUR POSTS.

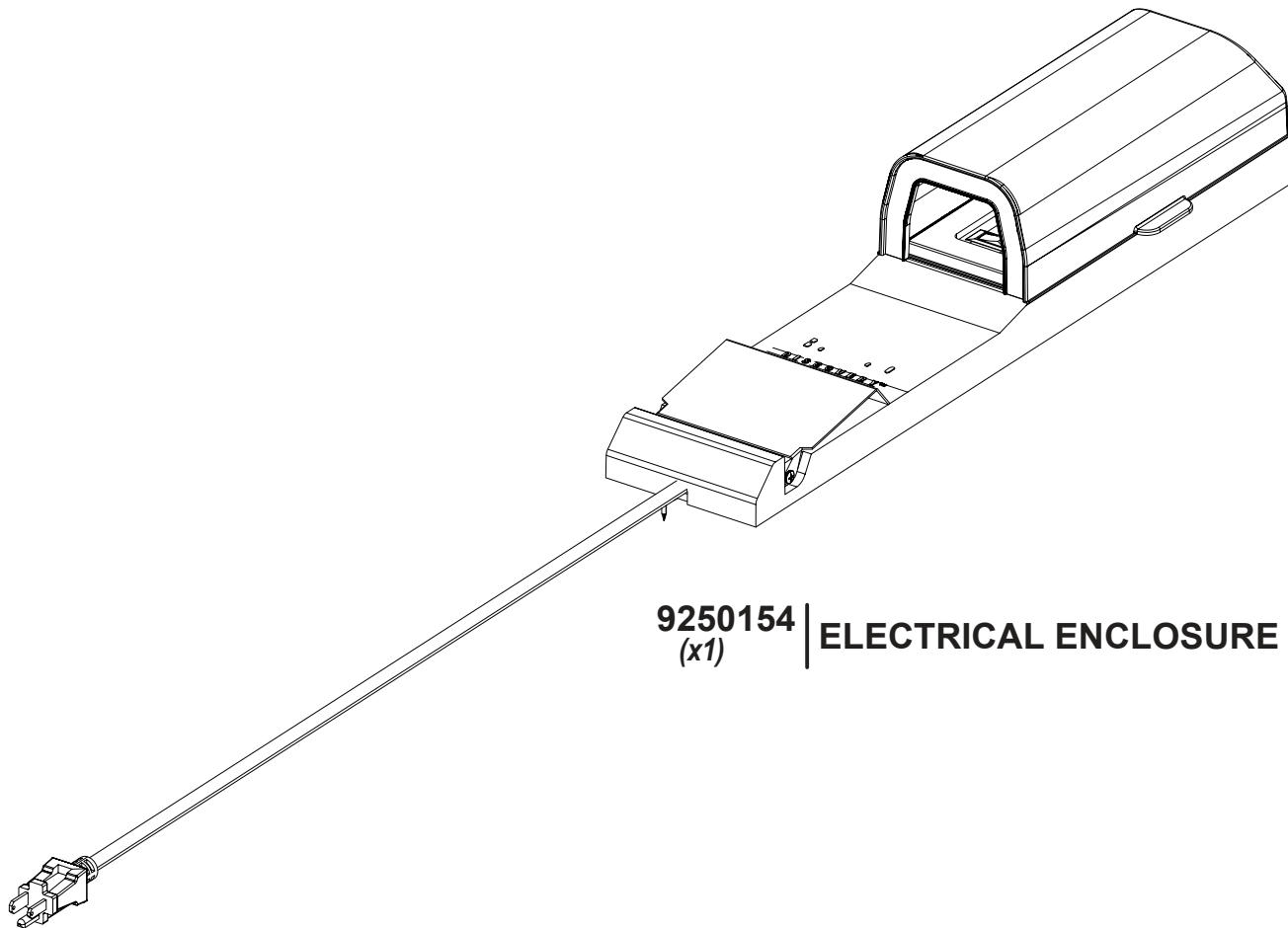


STEP 46 - PREVENTATIVE MAINTENANCE

IT IS IMPORTANT TO TAKE CAUTION WHEN HIGH WINDS OR WINTER WEATHER SUCH AS ICE OR SNOW IS EXPECTED.

- FOR HIGH WINDS, IT IS RECOMMENDED TO TURN LOUVERS INTO THE CLOSED POSITION.
- FOR INCLEMENT WEATHER SUCH AS SNOW OR ICE, IT IS RECOMMENDED TO TURN LOUVERS INTO THE FULLY OPEN (UPRIGHT) POSITION.





9250154 | **ELECTRICAL ENCLOSURE**
(x1)

FOR POWERPORT INSTALLATION REFER TO ASSEMBLY INSTRUCTIONS THAT COME PACKAGED WITH THE POWERPORT KIT. INSTALL ON ANY EXTERIOR POST THAT IS DESIRED. FOLLOW DIRECTIONS FOR PROPER INSTALLATION.