



Manufactured by:  
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800-856-4445

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# 14x14 LANCASTER GAZEBO

MODEL #: 2506091



## WARNING

Cancer and Reproductive Harm  
[www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



Please visit [www.backyarddiscovery.com](http://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](http://www.backyarddiscovery.com)



EASY STEP-BY-STEP

3D INTERACTIVE INSTRUCTIONS  
DOWNLOAD THE FREE APP



INS-2506091-A-14x14 LANCASTER GAZEBO-ENG 4-15-2025

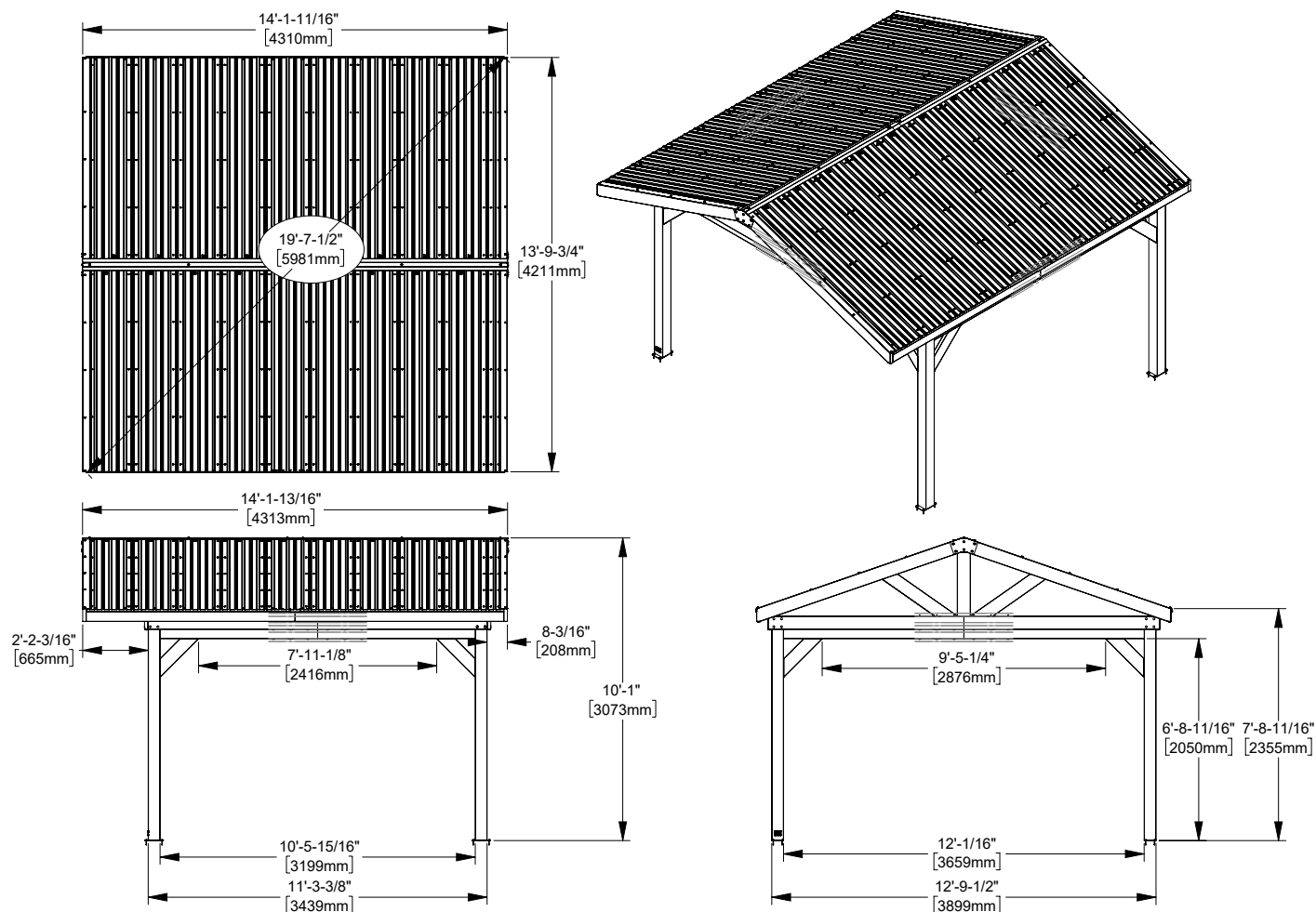
# OWNER'S MANUAL - BASIC SETUP DIMENSIONS & ASSEMBLY NOTES

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

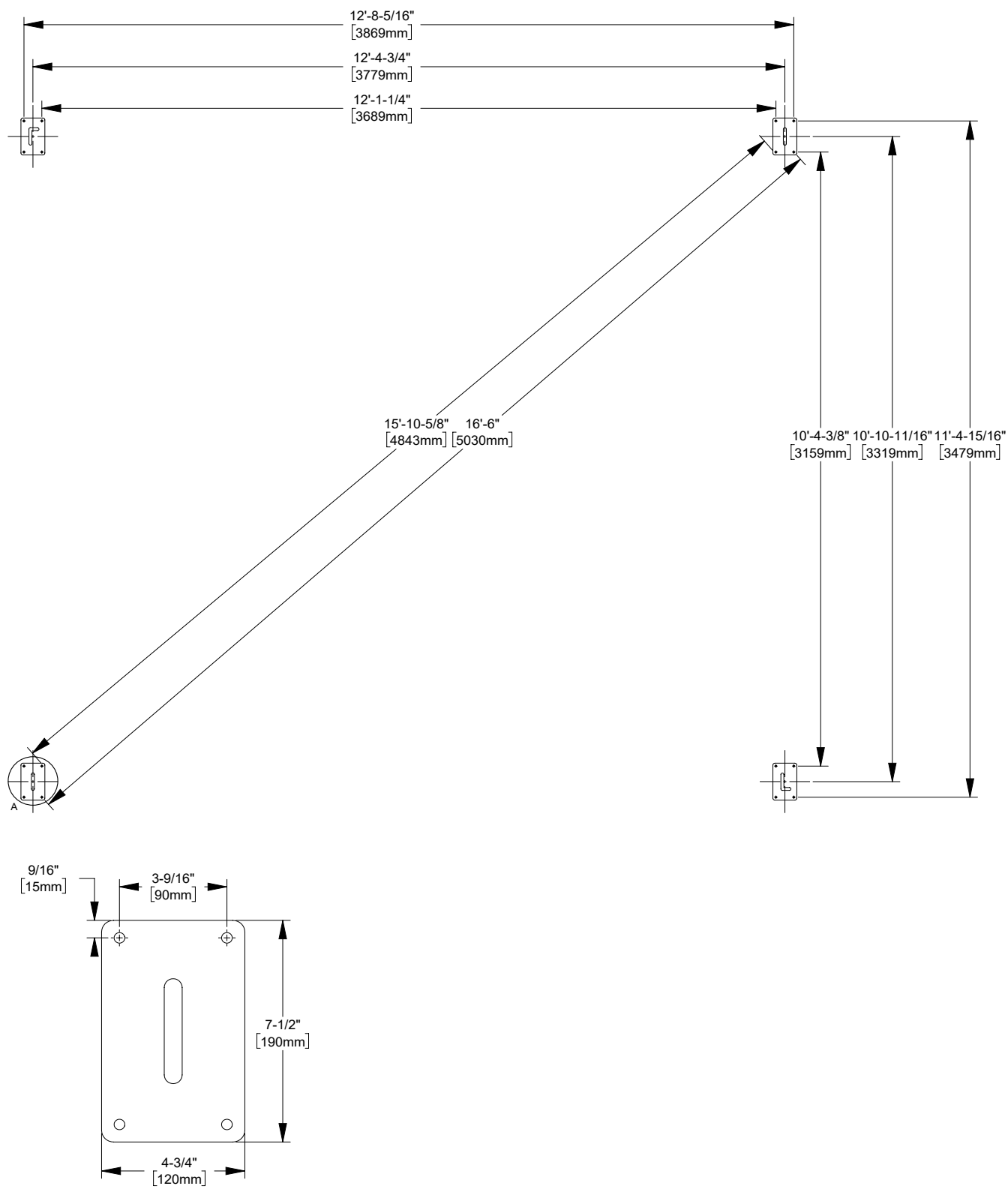
- Pay close attention to the items needed for each step. Make sure you are using the correct hardware for each step. Using incorrect hardware may result in improper assembly
- Remember to double check for underground utilities and overhead electrical lines

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.



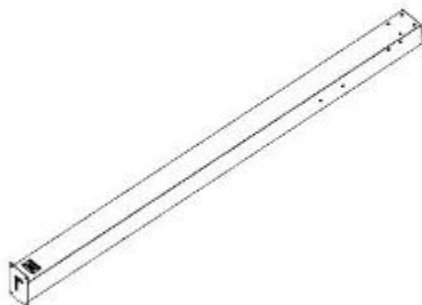
# OWNER'S MANUAL - ANCHORING LAYOUT



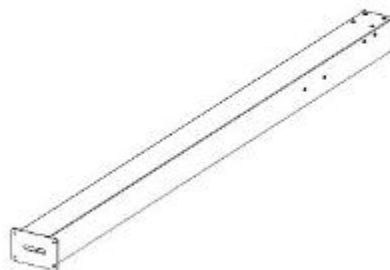
**NOTE: DIMENSIONS ARE TO ANCHOR PLATES MOUNTED TO POSTS EXCEPT WHERE NOTED.**

# OWNER'S MANUAL - PARTS IDENTIFICATION

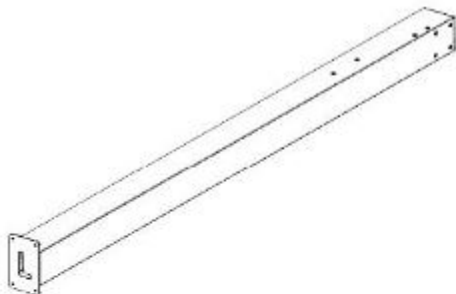
METAL COMPONENTS (NOT TO SCALE)



**P01 FRONT POST - A4M04409**  
(x1) 4 3/4"x7 1/2"x89 9/16" (120x190x2275)



**P02 POST ASSEMBLY - A4M04410**  
(x2) 4 3/4"x7 1/2"x89 9/16" (120x190x2275)



**P04 POST ASSEMBLY - A4M04412**  
(x1) 4 3/4"x7 1/2"x89 9/16" (120x190x2275)



**B01 SIDE BEAM ASSEMBLY - A4M04798**  
(x2) 1 7/16"x5 1/4"x67 11/16" (36x134x1720)



**B02 SIDE BEAM ASSEMBLY - A4M04796**  
(x2) 1 7/16"x5 1/4"x62 15/16" (36x134x1599)



**B03 FRONT BEAM ASSEMBLY - A4M03509**  
(x2) 78 3/16"x5 1/4"x1 7/16" (36x134x1986)



**B04 FRONT BEAM ASSEMBLY - A4M03510**  
(x2) 78 3/16"x5 1/4"x1 7/16" (36x134x1986)



**B05 FRONT BEAM ASSEMBLY - A4M03511**  
(x2) 72"x5 1/4"x1 7/16" (36x134x1829)



**B06 FRONT BEAM ASSEMBLY - A4M03512**  
(x2) 72"x5 1/4"x1 7/16" (36x134x1829)



**B07 GABLE ARM ASSEMBLY - A4M03513**  
(x2) 29 3/16"x5 1/4"x1 7/16" (36x134x741)



# OWNER'S MANUAL - PARTS IDENTIFICATION

METAL COMPONENTS (NOT TO SCALE)



**B08 GABLE ARM ASSEMBLY - A4M03514**  
(x2) 40 1/16"x5 1/4"x1 7/16" (36x134x1017)



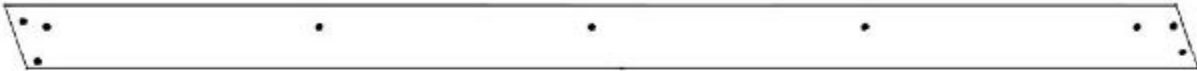
**B09 GABLE ARM ASSEMBLY - A4M03515**  
(x2) 40 1/16"x5 1/4"x1 7/16" (36x134x1017)



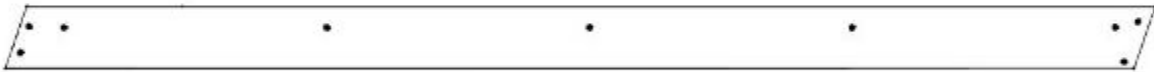
**B10 RIDGE BEAM ASSEMBLY - A4M04800**  
(x1) 1 7/16"x5 1/4"x72 13/16" (36x134x1850)



**B11 RIDGE BEAM ASSEMBLY - A4M04801**  
(x1) 1 7/16"x5 1/4"x96 13/16" (36x134x2459)



**B12 GABLE BEAM ASSEMBLY - A4M03518**  
(x2) 88 13/16"x5 1/4"x1 7/16" (36x134x2255)



**B13 GABLE BEAM ASSEMBLY - A4M03519**  
(x2) 88 13/16"x5 1/4"x1 7/16" (36x134x2255)



**B14 DRIP BEAM ASSEMBLY - A4M04802**  
(x2) 1 7/16"x4 13/16"x83 3/8" (36x122x2118.50)



**B15 DRIP BEAM ASSEMBLY - A4M04803**  
(x2) 1 7/16"x4 13/16"x83 3/8" (36x122x2118.50)



**B16 SIDE BEAM ASSEMBLY - A4M04797**  
(x2) 62 15/16"x5 1/4"x1 7/16" (36x134x1599)



**B17 SIDE BEAM ASSEMBLY - A4M04799**  
(x2) 67 11/16"x5 1/4"x1 7/16" (36x134x1720)



**R01 RAFTER ASSEMBLY - A4M03522**  
(x2) 86 3/8"x4 5/16"x3 1/8" (80x110x2194.6)



**R02 RAFTER ASSEMBLY - A4M03523**  
(x2) 86 3/8"x4 5/16"x3 1/8" (80x110x2194.6)



**R03 RAFTER ASSEMBLY - A4M03524**  
(x8) 86 3/8"x4 5/16"x3 1/8" (80x110x2194.6)

# OWNER'S MANUAL - PARTS IDENTIFICATION

## METAL COMPONENTS (NOT TO SCALE)



**E01 PURLIN ASSEMBLY - A4M04804**  
(x10) 1 9/16"X1 15/16"X78 5/8" (40x50x1997.60)



**E02 PURLIN ASSEMBLY - A4M04805**  
(x10) 87 15/16"x1 15/16"x1 9/16" (40x50x2234.40)



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



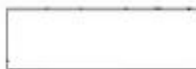
**C02 CORBEL ASSEMBLY - A4M03526**  
(x4) 21 13/16"x5 1/4"x2 3/4" (70x134x553.5)



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



**J1 SPLICE BRACKET - A4M02230**  
(x8) 1 5/16"x5 3/16"x39 3/8" (33.2x131.2x1000)



**J2 SPLICE BRACKET - A4M01270**  
(x1) 1 1/4"x5 1/8"x15 3/4" (33x131x400)



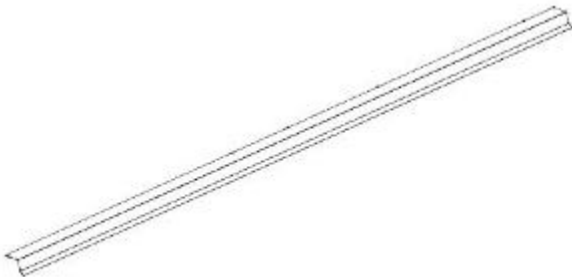
**J6 SPLICE BRACKET - A4M03806**  
(x2) 19 11/16"x4 11/16"x32.5 (32.5x118.5x500)



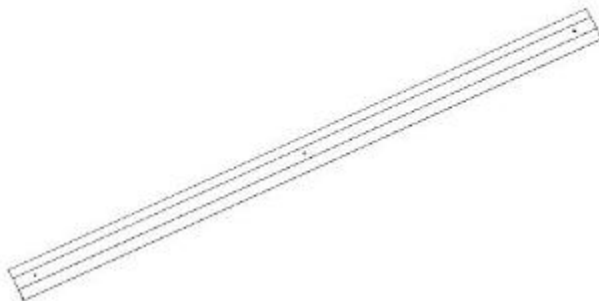
**A4M04806 STEEL SHEETING**  
(x2)



**A4M03528 STEEL SHEETING**  
(x18)



**A4M04807 DRIP TRIM**  
(x4)



**A4M04809 RIDGE CAP**  
(x2)



**A4M03535 RIDGE CAP SPLICE**  
(x1)



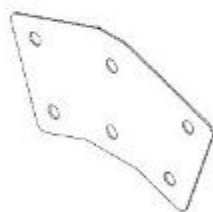
**A4M05365 DRIP TRIM SPLICE**  
(x2)



**A4M03532 EDGE TRIM**  
(x4)

# OWNER'S MANUAL - PARTS IDENTIFICATION

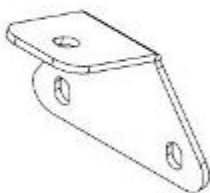
METAL COMPONENTS (NOT TO SCALE)



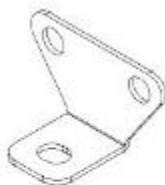
**J3 GABLE BRACKET - A4M03805**  
(x2) 11 1/8"x6 7/16"x1/16" (2x163x282)



**J4 BEAM BRACKET - A4M02990**  
(x8) 1"x1 5/16"x5 1/16" (25x33.2x128)



**J5 RAFTER BRACKET - A4M03803**  
(x4) 3 5/8"x2 11/16"x2 1/16" (52x68x91.5)



**J7 RAFTER BRACKET - A4M03802**  
(x4) 3 5/8"x2 3/16"x2" (50x55x92)



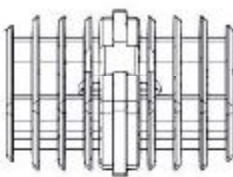
**J8 GABLE BRACKET - A4M03804**  
(x4) 4 13/16"x1 9/16"x1 9/16" (40x40x123)



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



**J10 SUPPORT RING - A4M03808**  
(x6) 13/16"x7/16" (11x20x)



**A6P00530 2-WAY SQUARE PLUG**  
(x10)



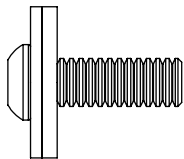
**A4M01352 HOLE COVER**  
(x72)



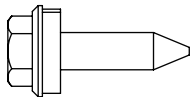
**9205413 ELECTRICAL ENCLOSURE**  
(x1)

# OWNER'S MANUAL - PARTS IDENTIFICATION

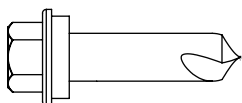
## HARDWARE COMPONENTS



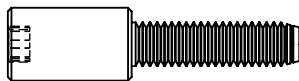
**H101202 | TORX PAN HEAD**  
(x366) | 1/4-20x3/4 ASSY



**H101117 | SCREW WOODGRIP**  
(x200) | 10-16 x 3/4 BLK



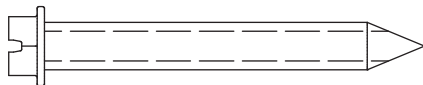
**H101116 | SCREW SELF TAPPING**  
(x48) | 1/4x1 BLK



**H101132 | TORX SOCKET SCREW SHORT**  
(x60) | 1/4-20 BLK



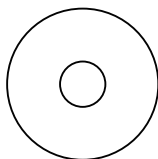
**H101293 | TORX PAN HEAD**  
(x6) | 1/4-20x1 3/8" BLK



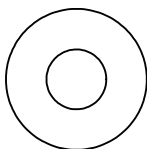
**H100120 | CONCRETE ANCHOR**  
(x16) | 1/4"x2" BLK



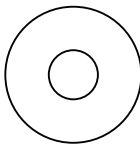
**H101103 | TORX SOCKET SCREW**  
(x72) | 1/4-20 BLK



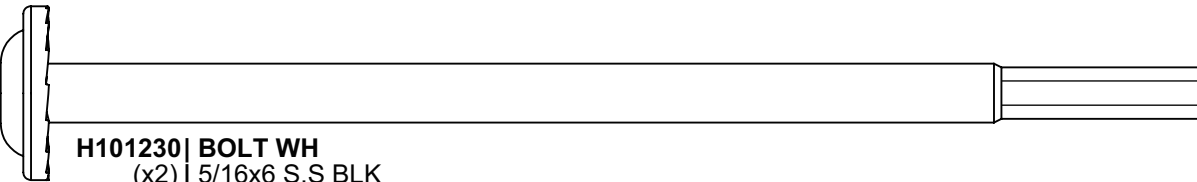
**H101053 | STEEL WASHER**  
(x6) | 6x20 BLK



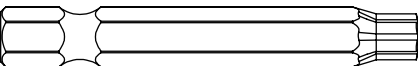
**H100630 | WASHER FLAT**  
(x16) | 8x19 BLK



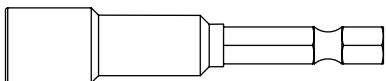
**H101054 | SEALANT WASHER**  
(x6) | 6.5x18 BLK



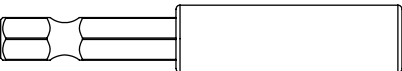
**H101230 | BOLT WH**  
(x2) | 5/16x6 S.S BLK



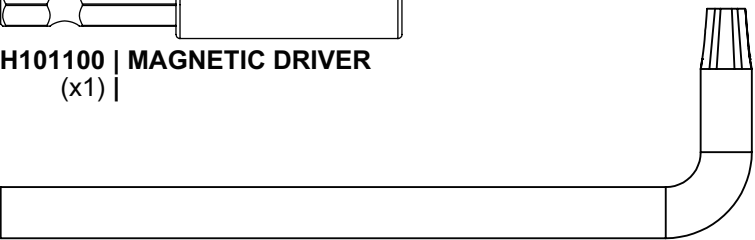
**H100147 | TORX BIT**  
(x1) | T-30



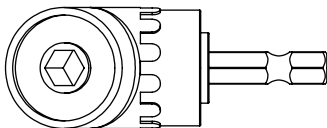
**H101106 | SOCKET DRIVER**  
(x1) |



**H101100 | MAGNETIC DRIVER**  
(x1) |



**H100114 | TORX BIT**  
(x1) | T-30



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

# PRE-ASSEMBLY STEP 1 - SORTING PARTS

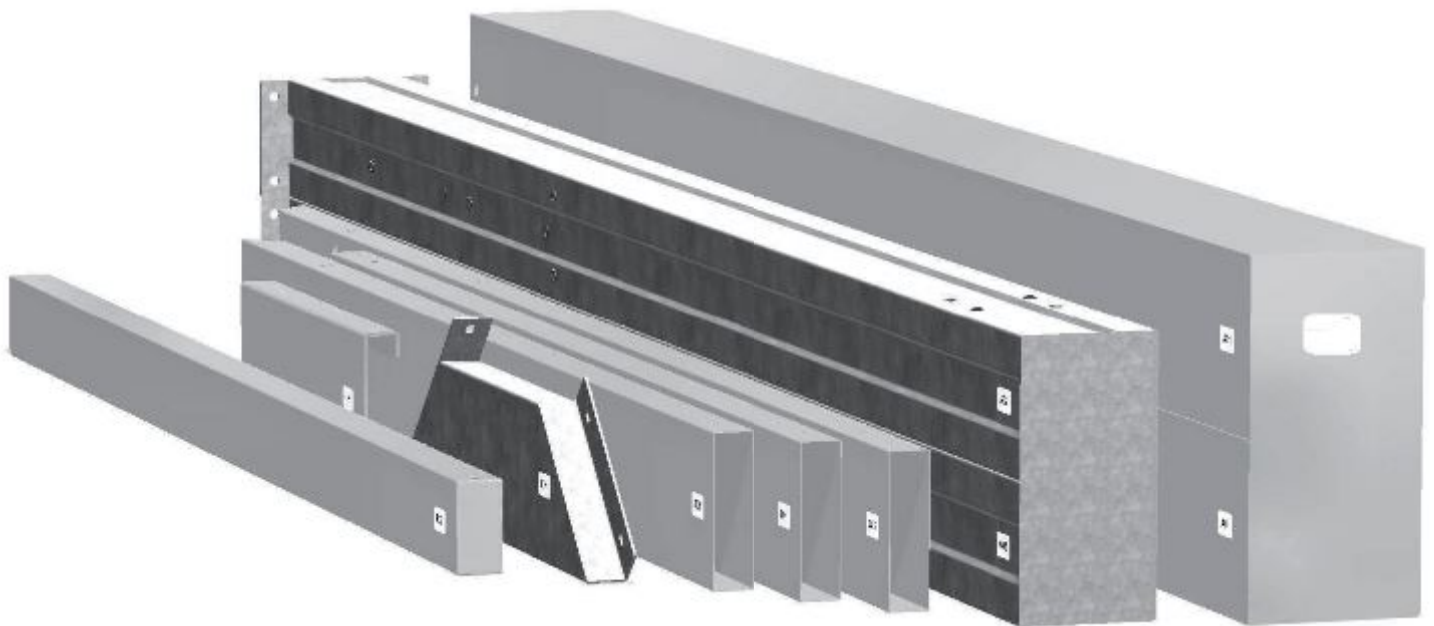
It is critical for ease of assembly that you take the time to sort and organize the parts and hardware.

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## METAL PARTS:

- Organize metal parts by the three-digit, alpha-numeric number stamped on each part (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.**



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## 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.



H100194 | BOLT WH  
(x2) ↑ 5/16 x 2-1/2

## 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



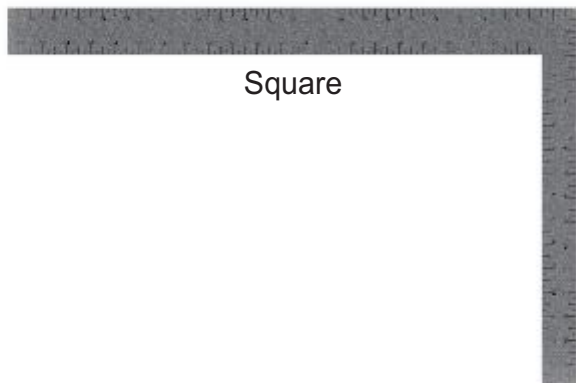
Claw Hammer



Rubber Mallet -  
Optional



Tape Measure



Square

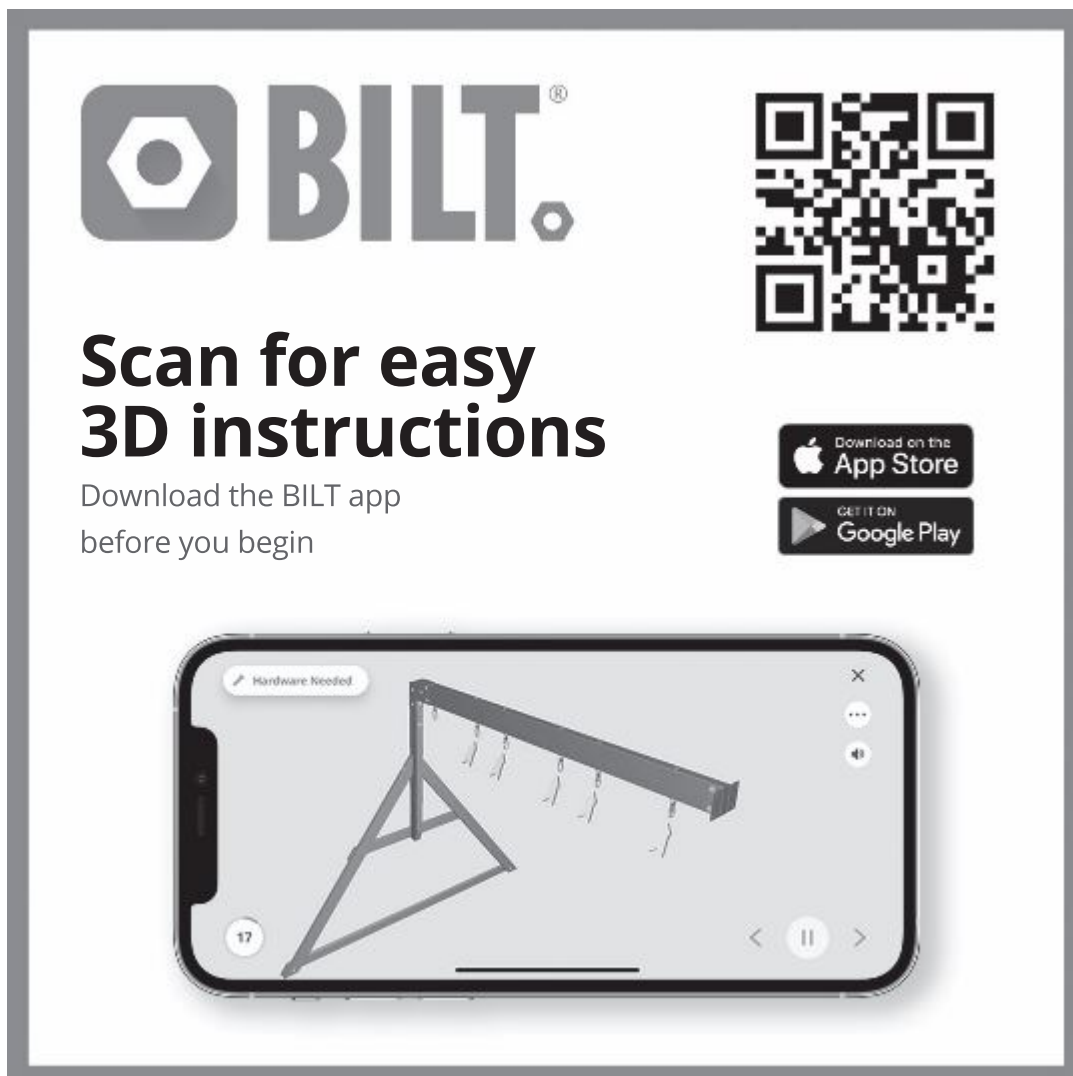


Level 24"

## 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)





STEP 1 - BEAM ASSEMBLY

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



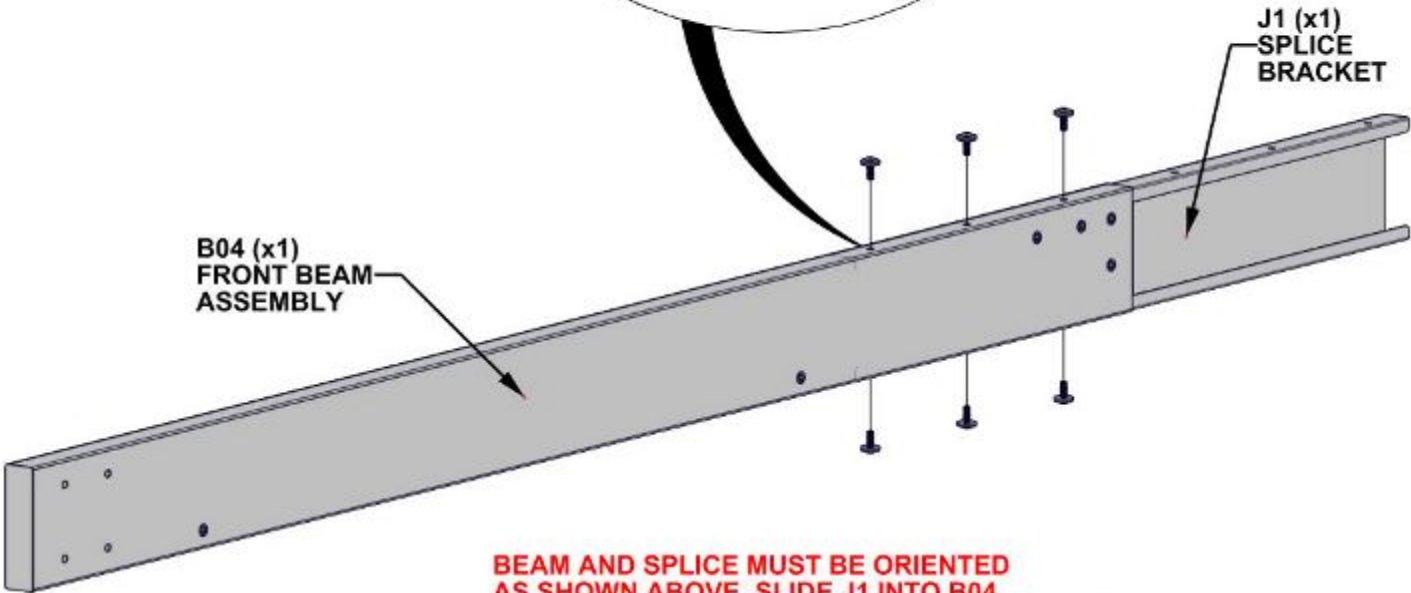
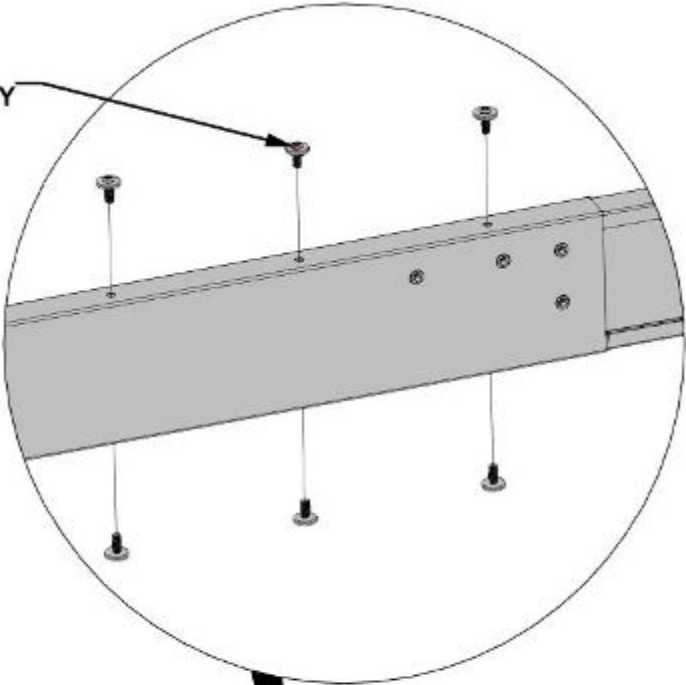
B04 FRONT BEAM ASSEMBLY - A4M03510  
(x1) 78 3/16"x5 1/4"x1 7/16" (36x134x1986)



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

- FOR EASE OF ASSEMBLY, WE RECOMMEND  
USING SAW HORSES FOR STEPS 1 - 12.

1202 (x6)  
TORX PAN HEAD 1/4-20x3/4 ASSY  
HAND TIGHTEN ONLY



BEAM AND SPLICE MUST BE ORIENTED  
AS SHOWN ABOVE. SLIDE J1 INTO B04  
AND LINE UP THREE HOLES TOP AND BOTTOM



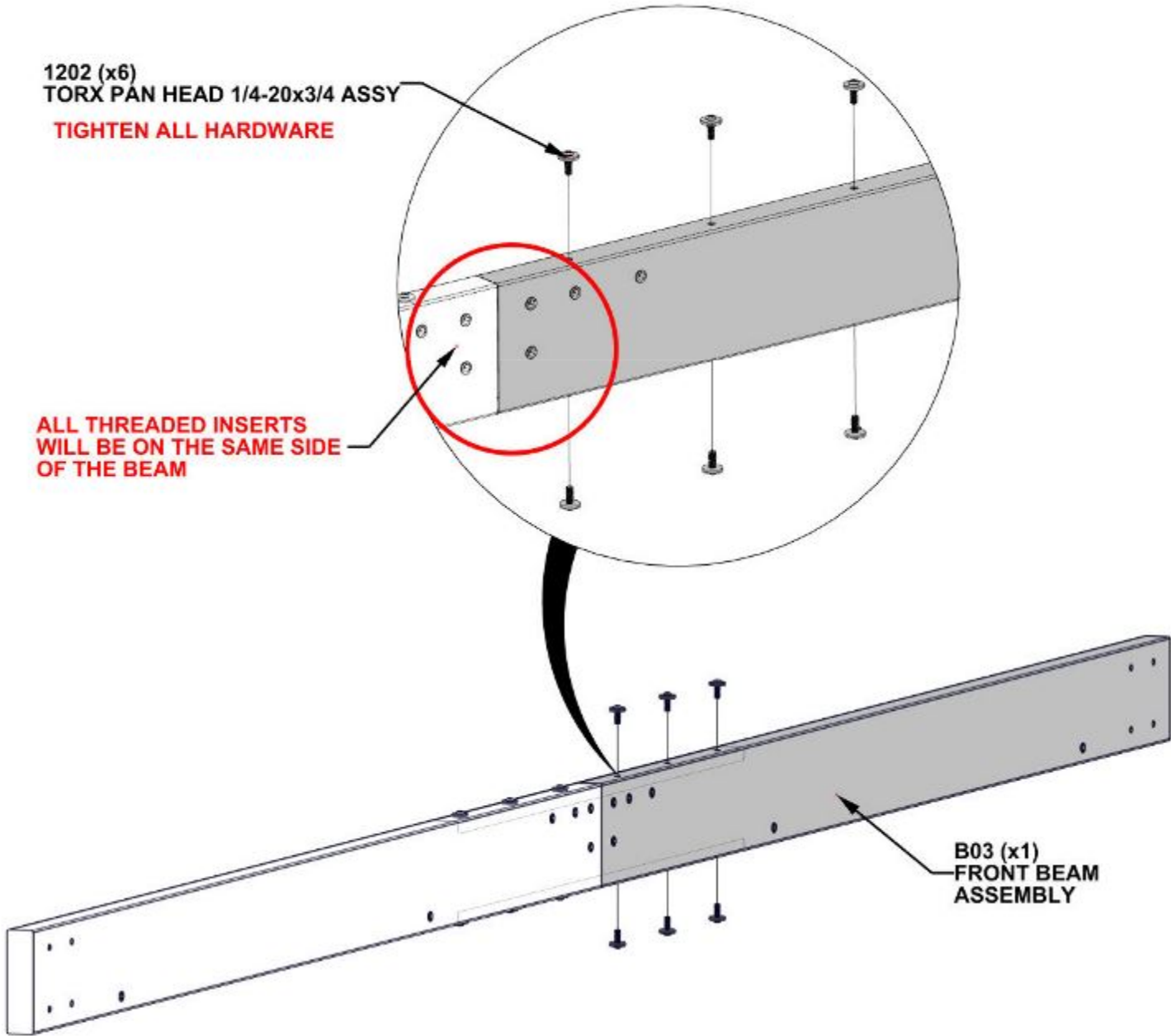
# STEP 2 - BEAM ASSEMBLY

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



B03 FRONT BEAM ASSEMBLY - A4M03509  
(x1) 78 3/16"x5 1/4"x1 7/16" (36x134x1986)

- SLIDE B03 ONTO SPLICE BRACKET.  
GENTLY TAP ENDS OF ASSEMBLY WITH  
RUBBER Mallet UNTIL GAP CLOSES.



STEP 3 - BEAM ASSEMBLY

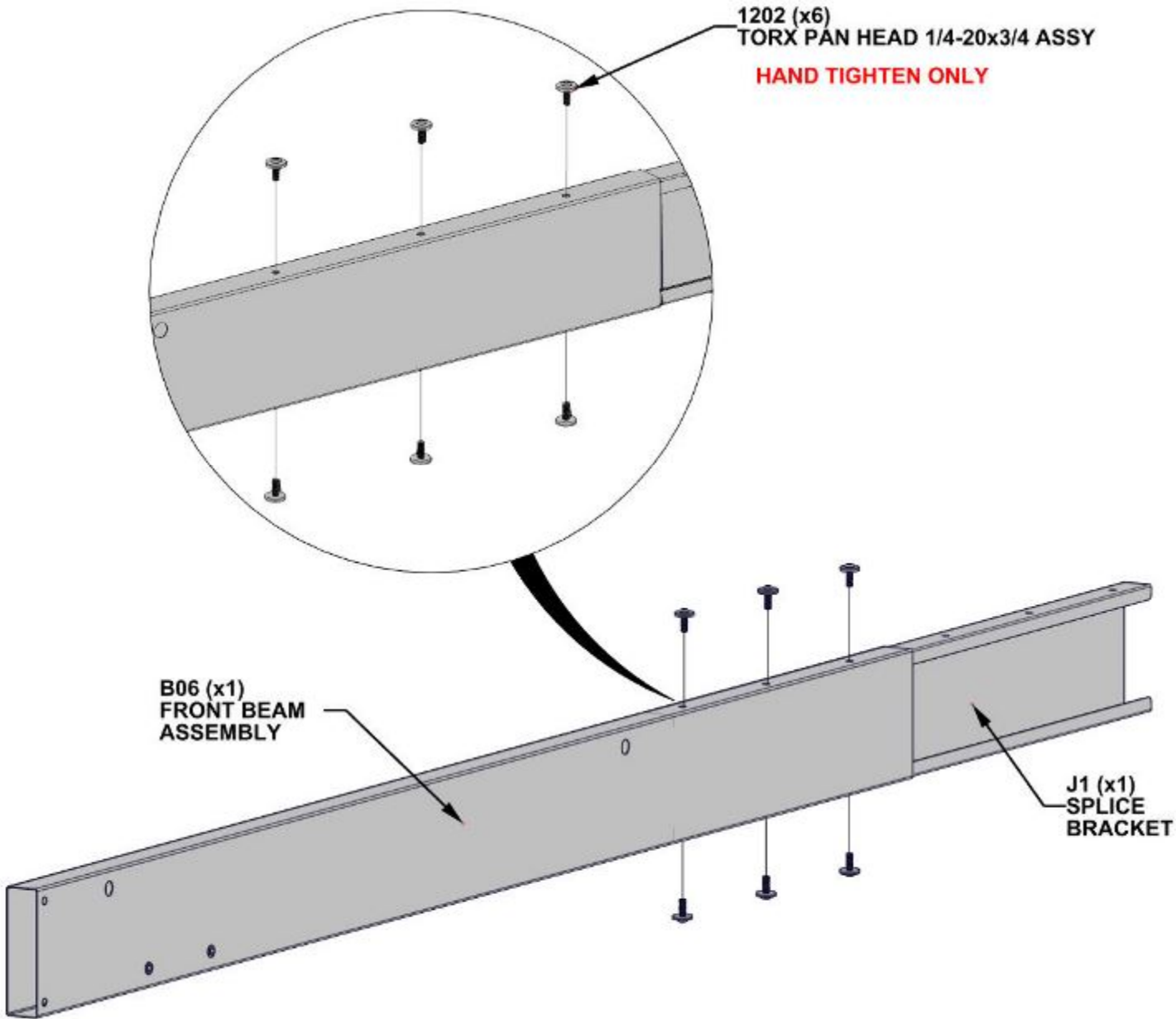
Qty	PartNo	Description
6	H101202	TORX PAN HEAD 1/4-20x3/4 ASSY



B06 FRONT BEAM ASSEMBLY - A4M03512  
(x1) 72"x5 1/4"x1 7/16" (36x134x1829)



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



1202 (x6)  
TORX PAN HEAD 1/4-20x3/4 ASSY  
**HAND TIGHTEN ONLY**

B06 (x1)  
FRONT BEAM  
ASSEMBLY

J1 (x1)  
SPLICE  
BRACKET

**BEAM AND SPLICE MUST BE ORIENTED  
AS SHOWN ABOVE. SLIDE J1 INTO B06  
AND LINE UP THREE HOLES TOP AND BOTTOM**

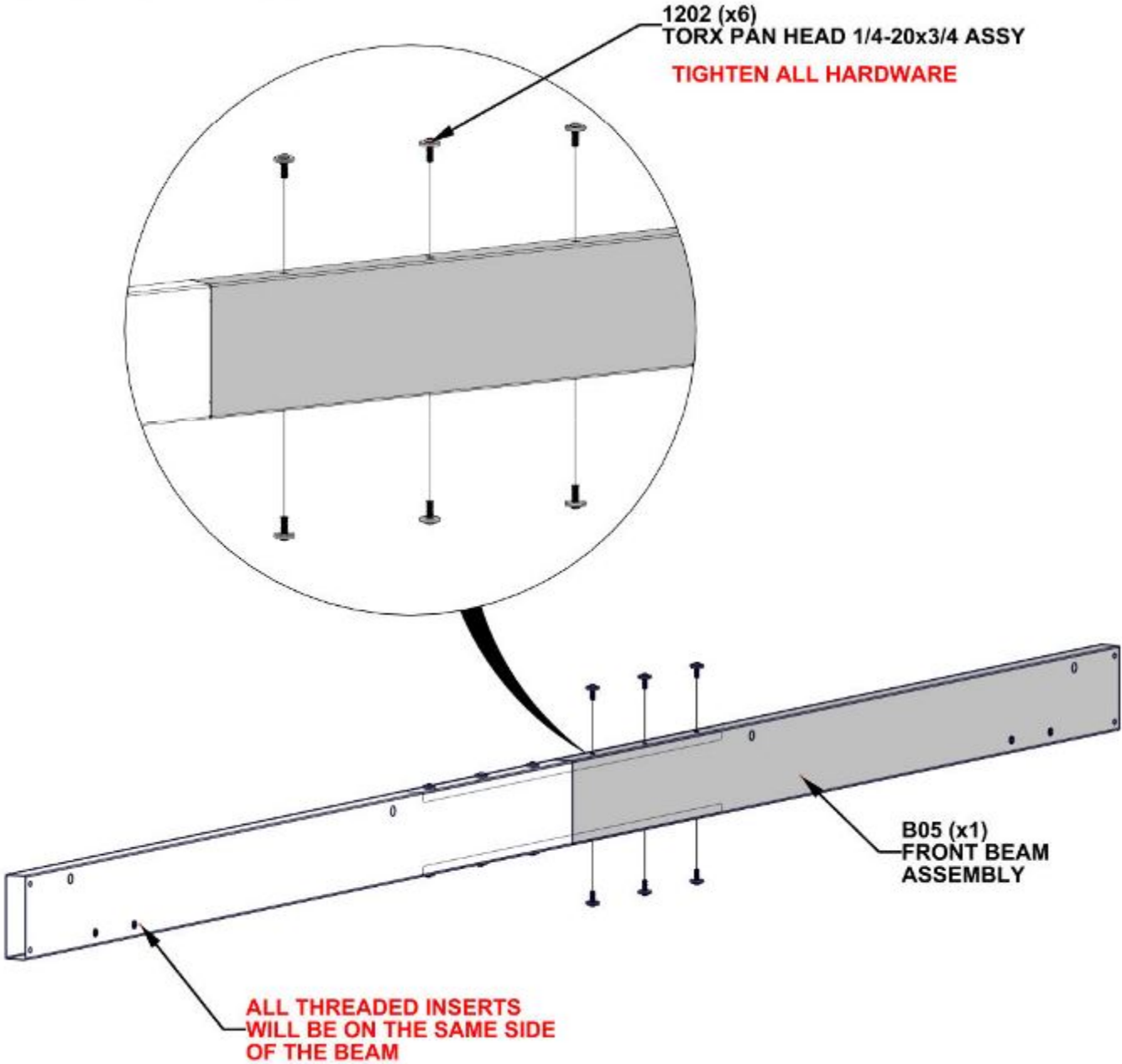
# STEP 4 - BEAM ASSEMBLY

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



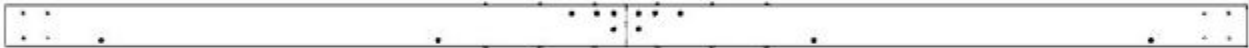
B05 FRONT BEAM ASSEMBLY - A4M03511  
(x1) 72"x5 1/4"x1 7/16" (36x134x1829)

- SLIDE B05 ONTO SPLICE BRACKET.  
GENTLY TAP ENDS OF ASSEMBLY WITH  
RUBBER Mallet UNTIL GAP CLOSES.



# STEP 5 - BEAM ASSEMBLY

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

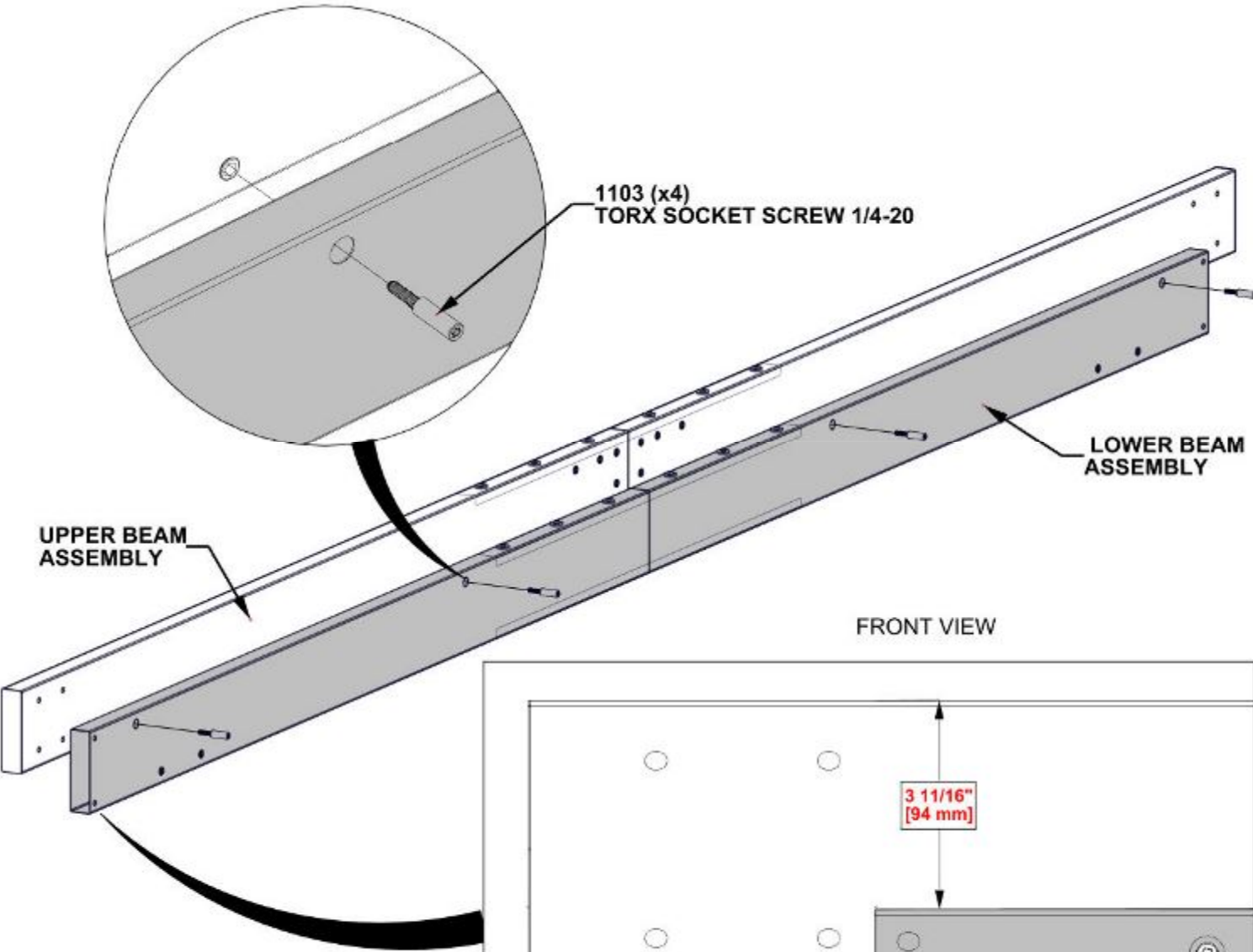


UPPER BEAM ASSEMBLY STEPS 1 - 2

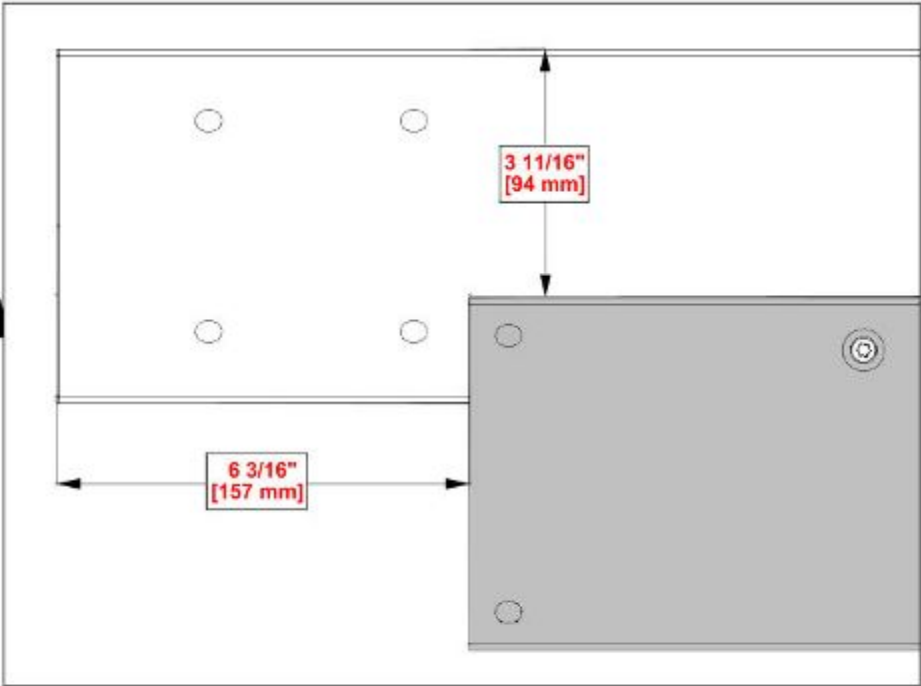


LOWER BEAM ASSEMBLY STEPS 3 - 4

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



FRONT VIEW



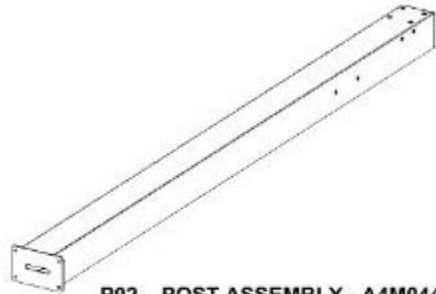
DIMENSIONS ARE THE SAME AT  
BOTH ENDS AND CRITICAL TO THE  
BEAM ASSEMBLY

**REPEAT BEAM ASSEMBLY  
STEPS 1 THROUGH 5**



STEP 6 - POST ASSEMBLY

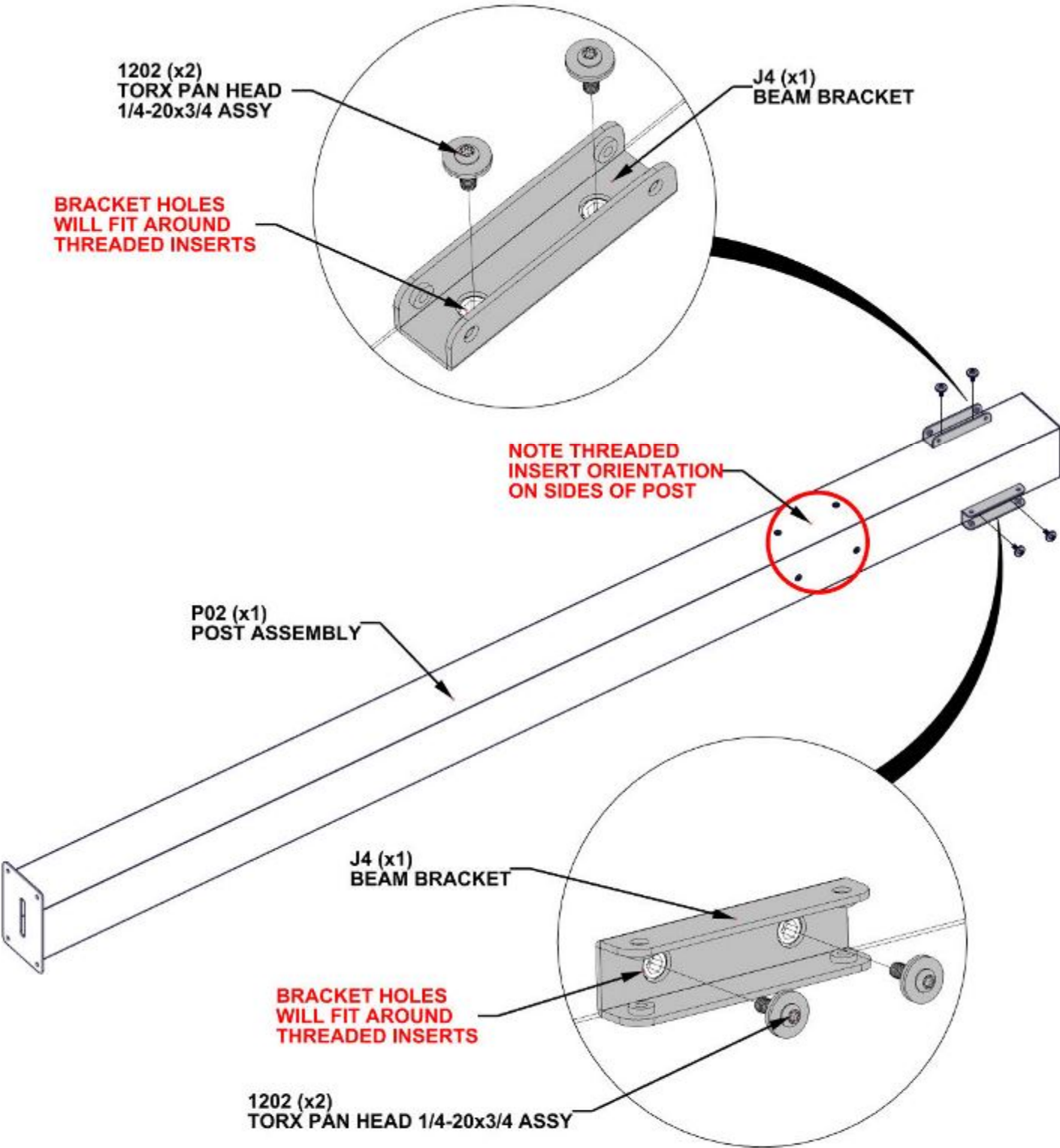
Qty	PartNo	Description
4	H101202	TORX PAN HEAD 1/4-20x3/4 ASSY



P02 POST ASSEMBLY - A4M04410  
(x1) 4 3/4"x7 1/2"x89 9/16" (120x190x2275)

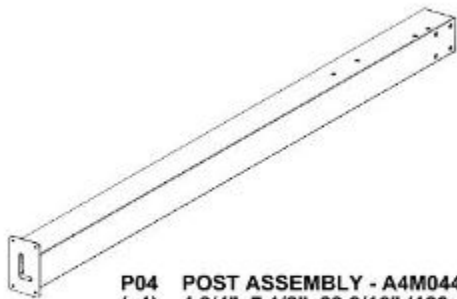


J4 BEAM BRACKET - A4M02990  
(x2) 1"x1 5/16"x5 1/16" (25x33.2x128)



STEP 7 - POST ASSEMBLY

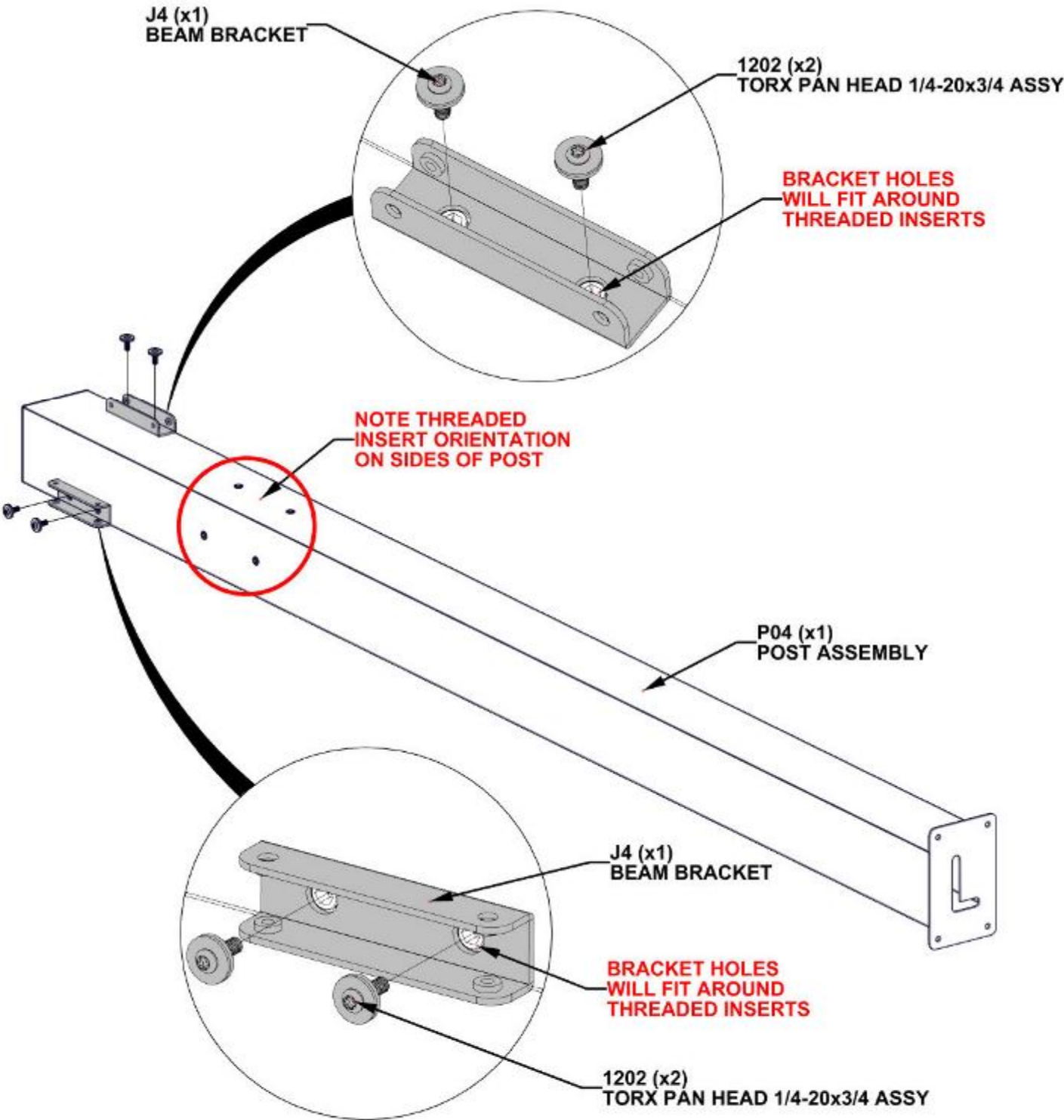
Qty	PartNo	Description
4	H101202	TORX PAN HEAD 1/4-20x3/4 ASSY



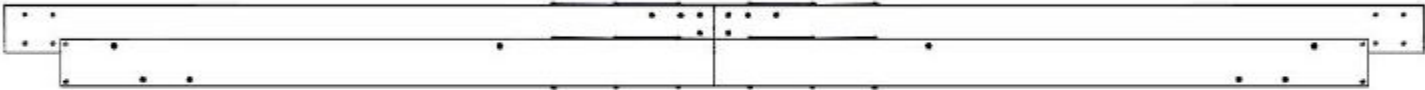
P04 POST ASSEMBLY - A4M04412  
(x1) 4 3/4"x7 1/2"x89 9/16" (120x190x2275)



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

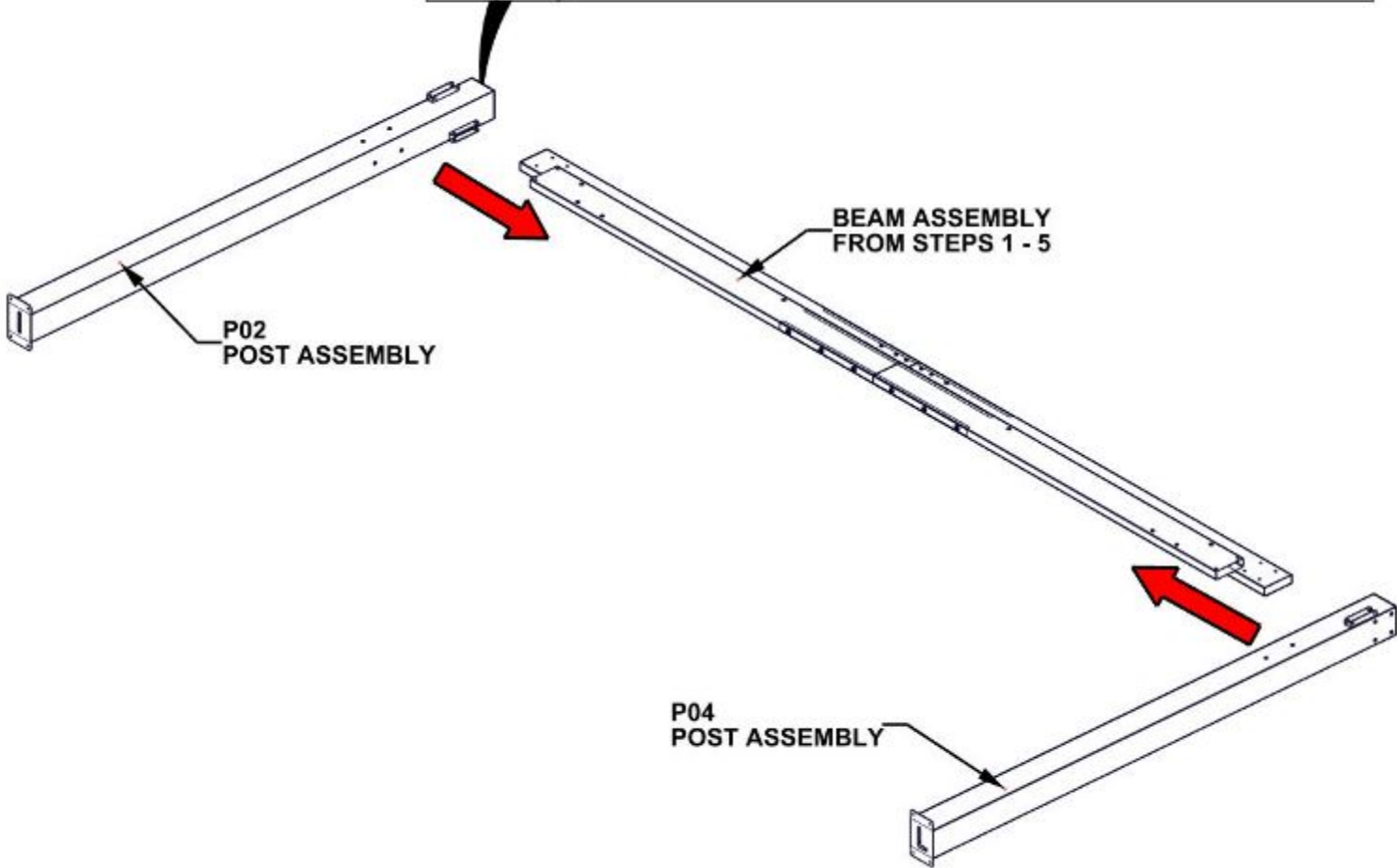
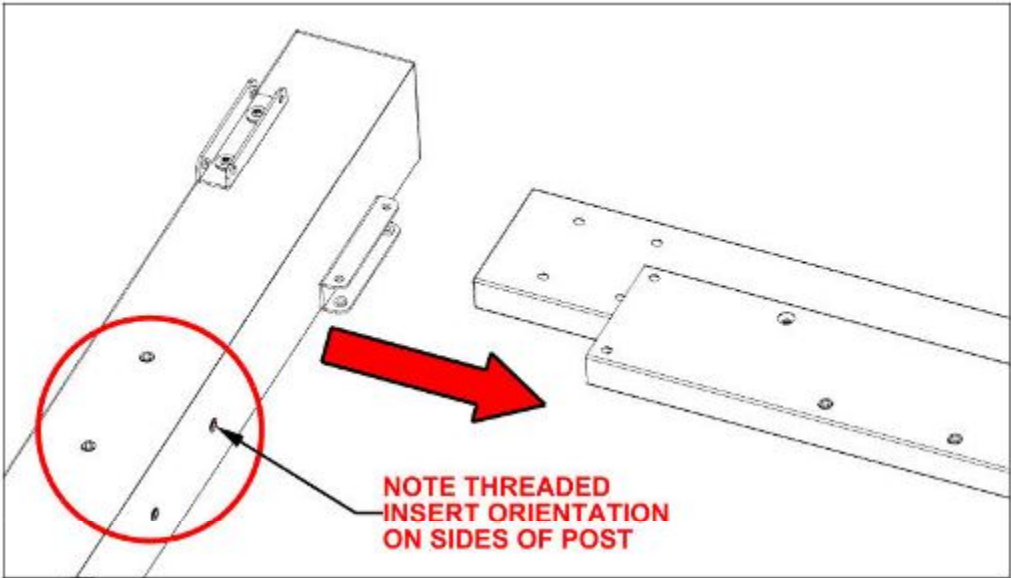


# STEP 8A - FRAME ASSEMBLY



BEAM ASSEMBLY FROM STEPS 1 - 5

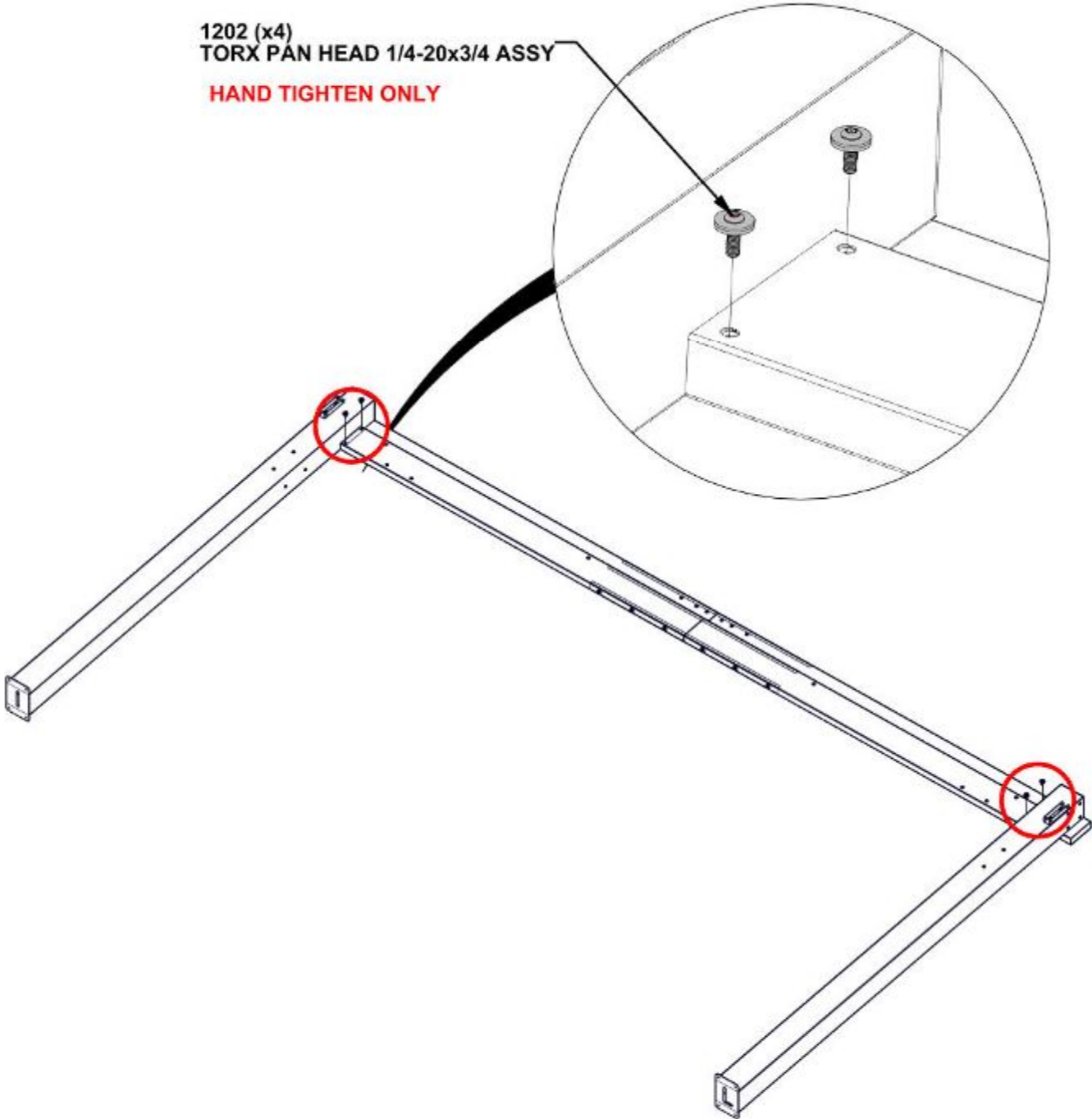
- SLIDE EACH POST ASSEMBLY INTO THE BEAM ASSEMBLY FROM STEPS 1 - 5.





# STEP 8B - FRAME ASSEMBLY

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



# STEP 8C - FRAME ASSEMBLY

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

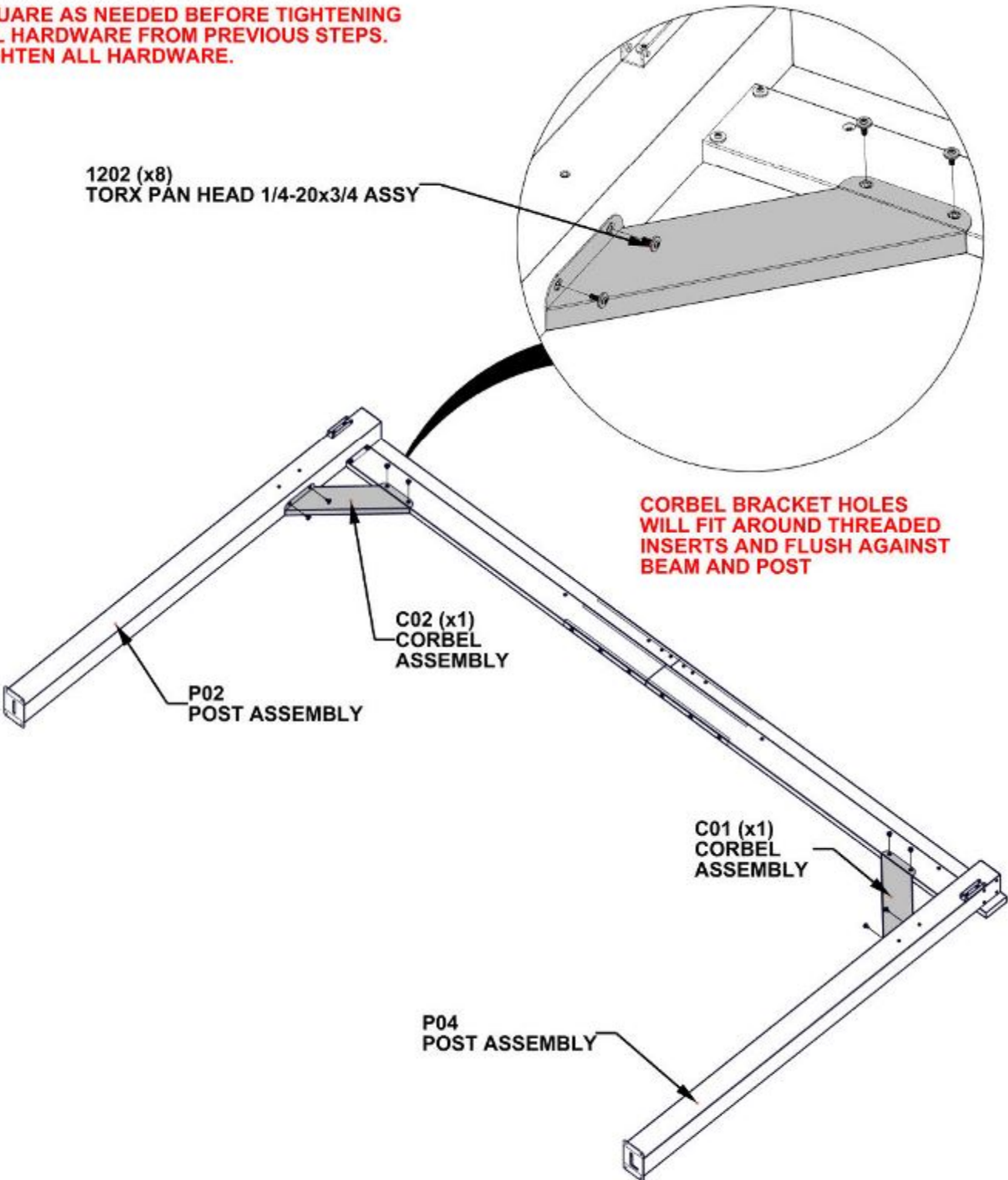


C01 CORBEL ASSEMBLY - A4M03525  
(x1) 21 13/16"x5 1/4"x2 3/4" (70x134x553.5)



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

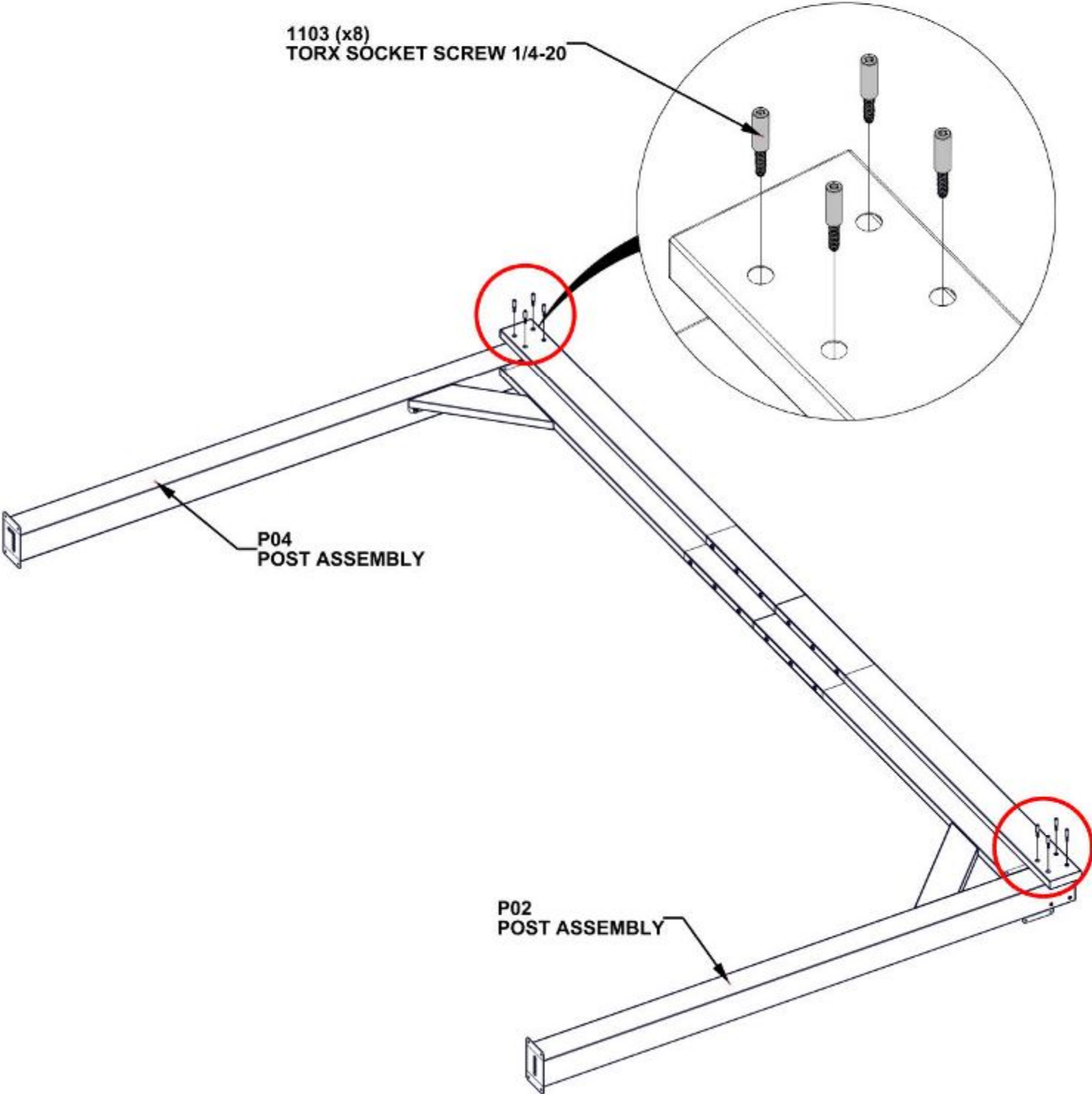
- ATTACH CORBELS TO BEAM AND POST.
- SQUARE AS NEEDED BEFORE TIGHTENING ALL HARDWARE FROM PREVIOUS STEPS.
- TIGHTEN ALL HARDWARE.



# STEP 8D - FRAME ASSEMBLY

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

- WITH AN ADDITIONAL PERSON, TURN OVER POST AND BEAM ASSEMBLY



STEP 9A - BEAM ASSEMBLY

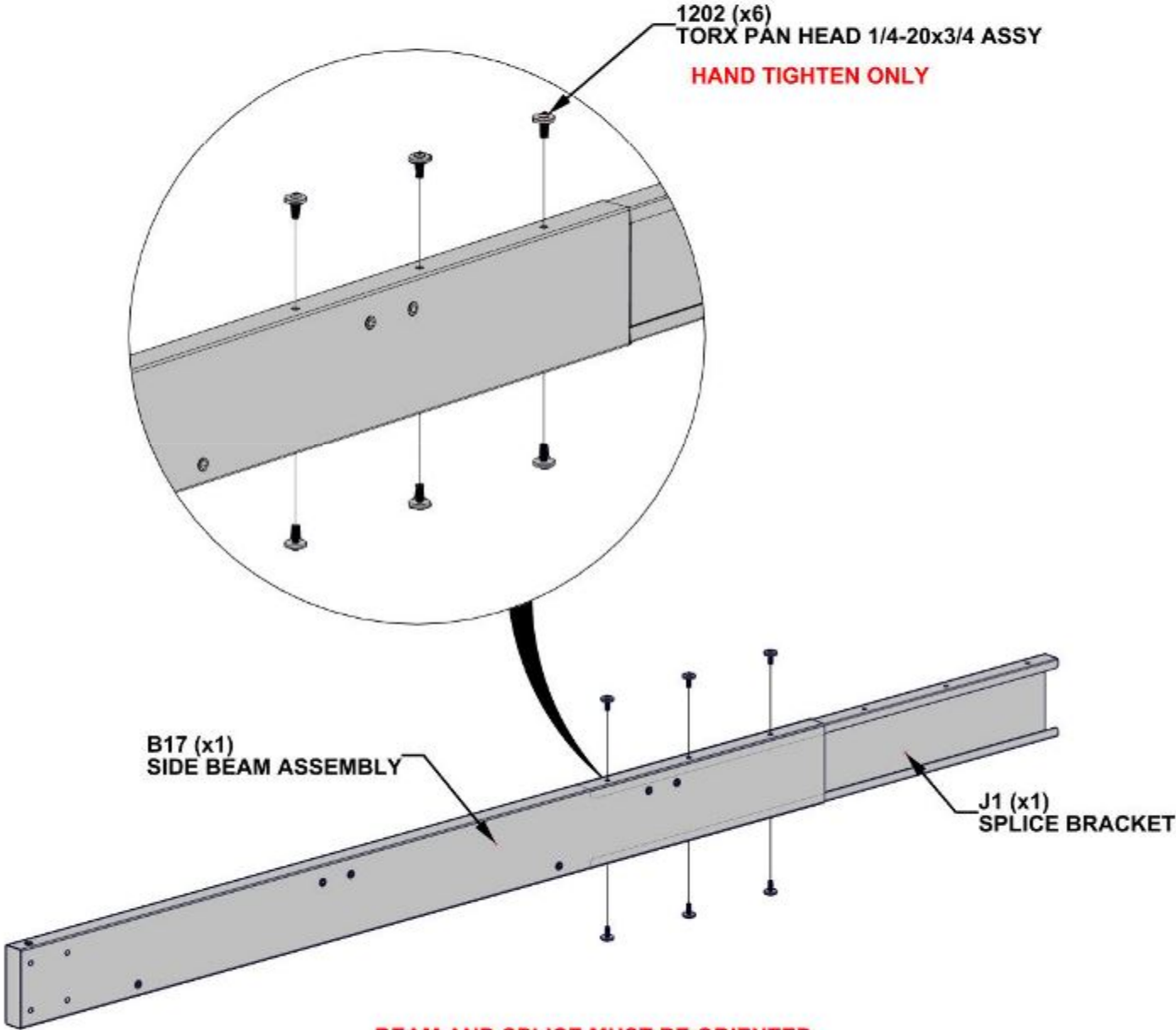
Qty	PartNo	Description
6	H101202	TORX PAN HEAD 1/4-20x3/4 ASSY



B17 SIDE BEAM ASSEMBLY - A4M04799  
(x1) 67 11/16"x5 1/4"x1 7/16" (36x134x1720)



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 ABOVE. SLIDE J1 INTO B17  
AND LINE UP THREE HOLES TOP AND  
BOTTOM

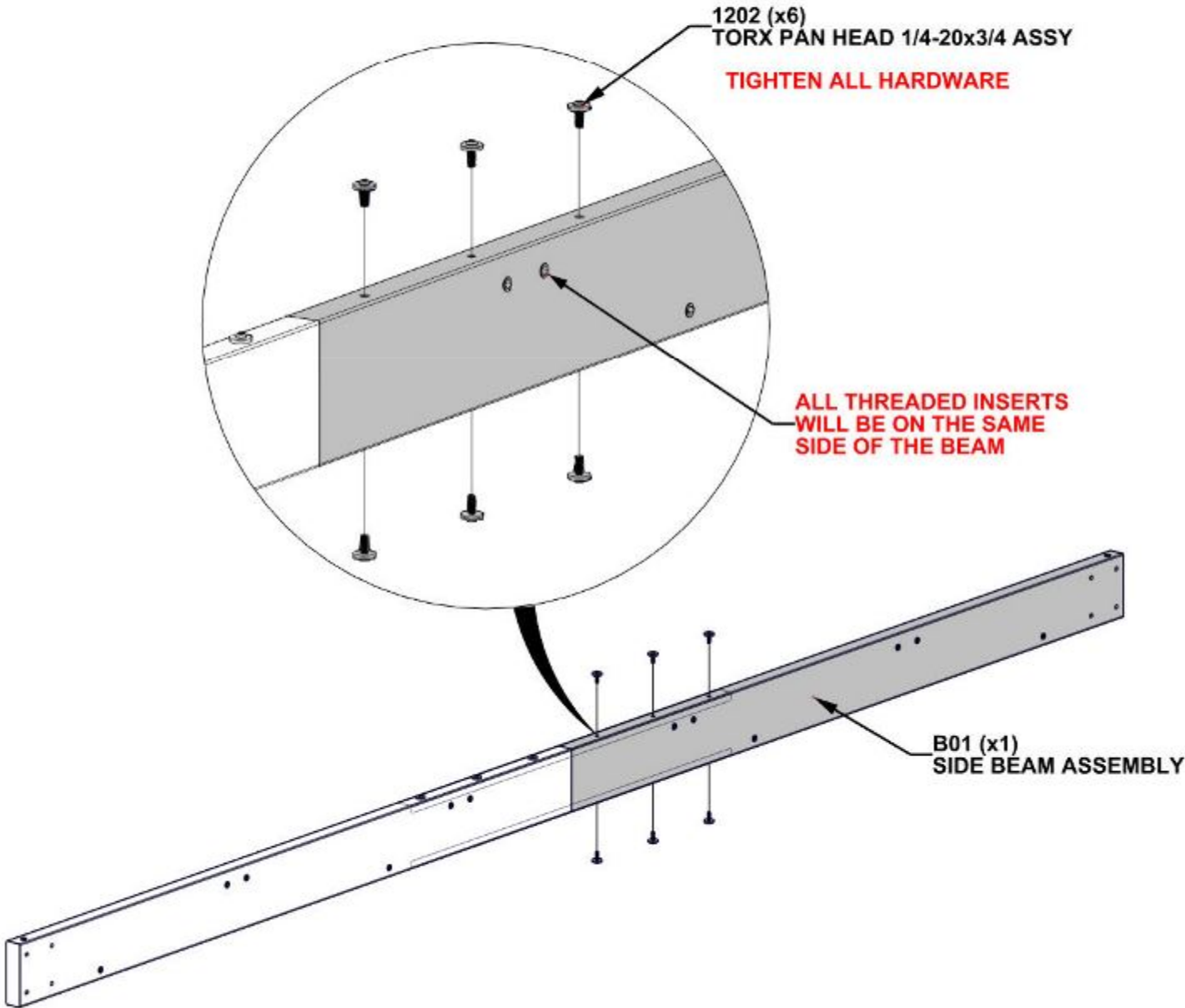
STEP 9B - BEAM ASSEMBLY

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



B01 SIDE BEAM ASSEMBLY - A4M04798  
(x1) 1 7/16"X5 1/4"X67 11/16" (36x134x1720)

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





STEP 9C - BEAM ASSEMBLY

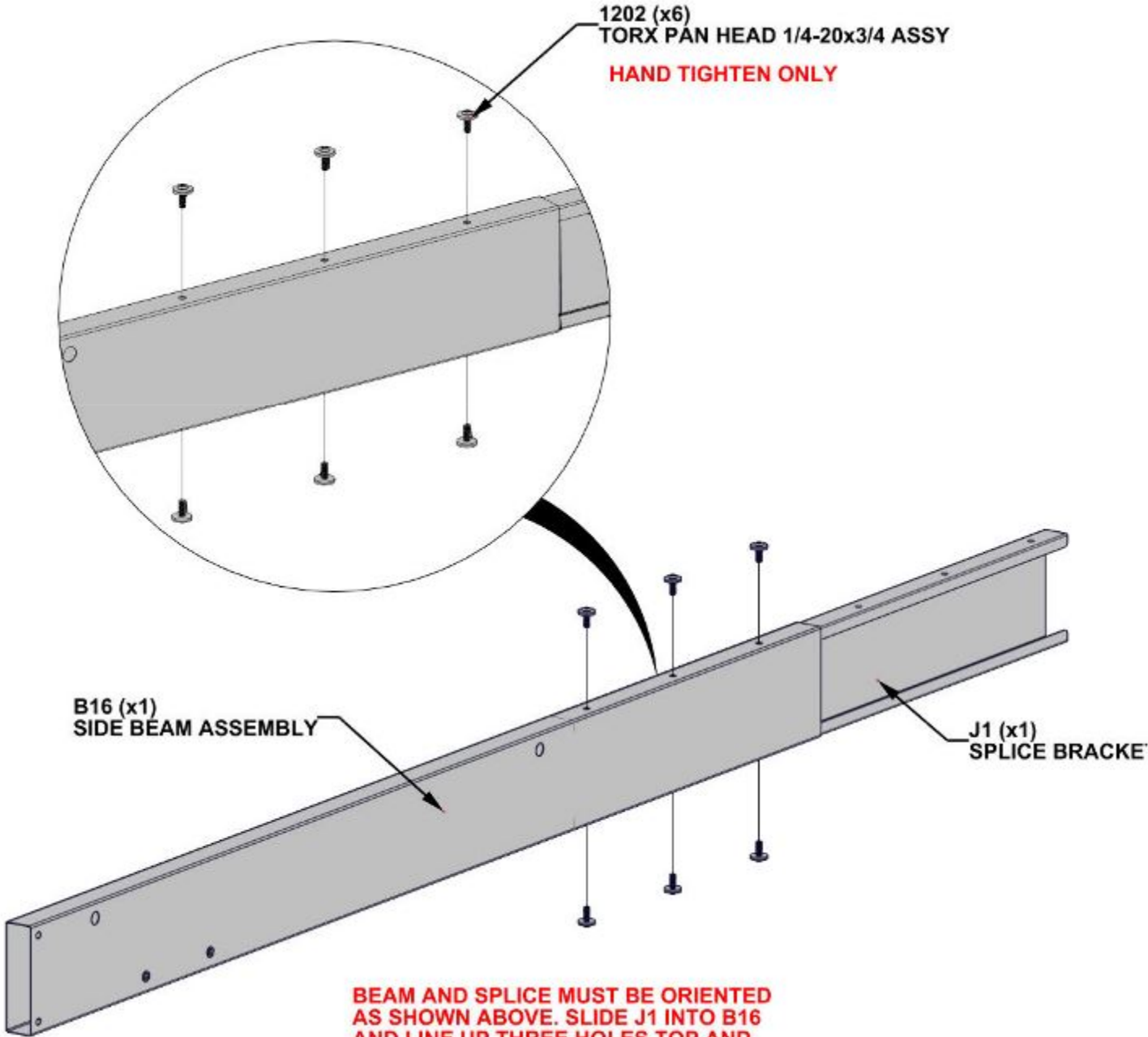
Qty	PartNo	Description
6	H101202	TORX PAN HEAD 1/4-20x3/4 ASSY



B16 SIDE BEAM ASSEMBLY - A4M04797  
(x1) 62 15/16"x5 1/4"x1 7/16" (36x134x1599)



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



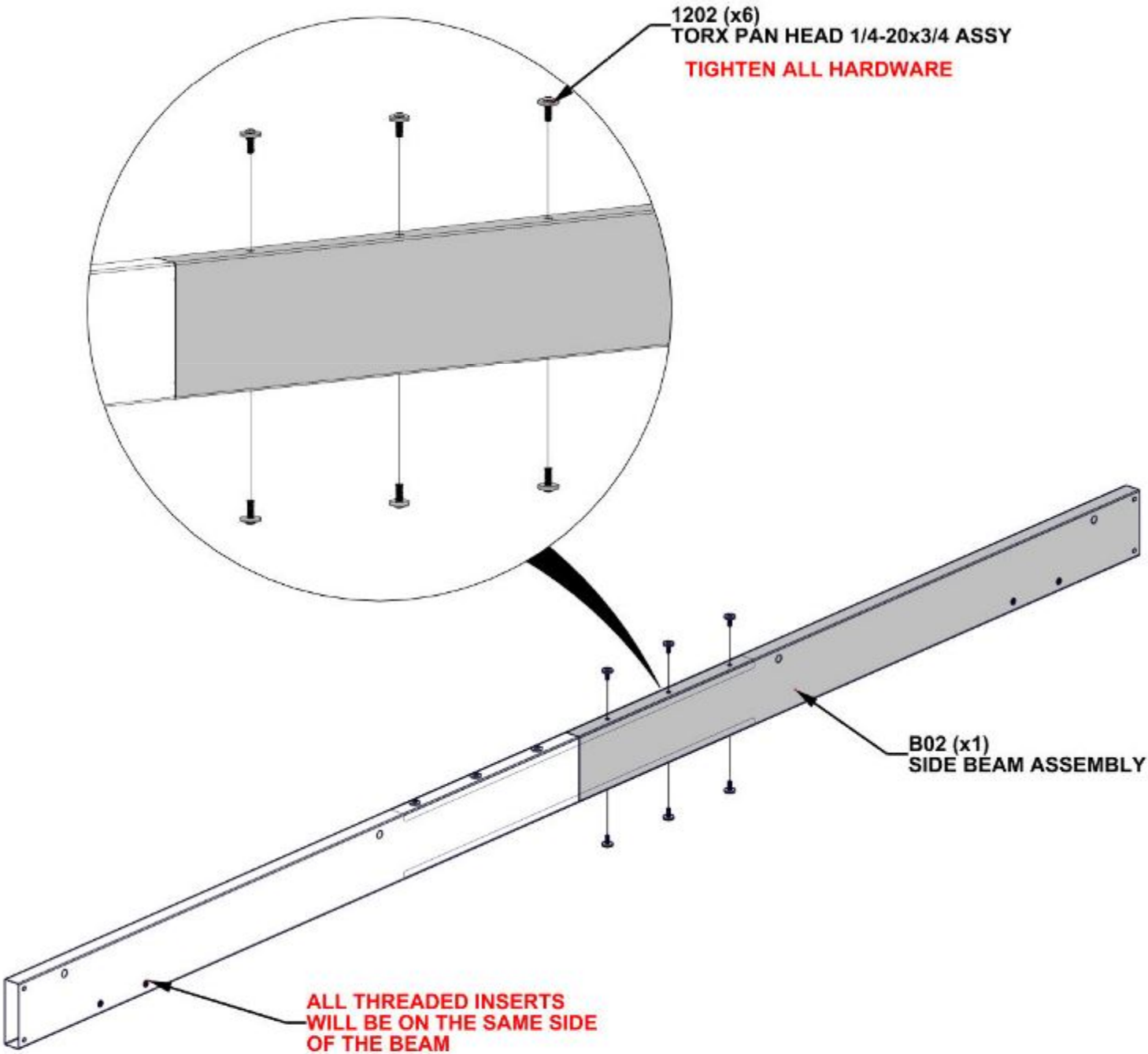
# STEP 9D - BEAM ASSEMBLY

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



B02 SIDE BEAM ASSEMBLY - A4M04796  
(x1) 1 7/16"X5 1/4"X62 15/16" (36x134x1599)

- SLIDE B02 ONTO SPLICE BRACKET.  
GENTLY TAP ENDS OF ASSEMBLY WITH  
RUBBER Mallet UNTIL GAP CLOSES.



STEP 9E - BEAM ASSEMBLY

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

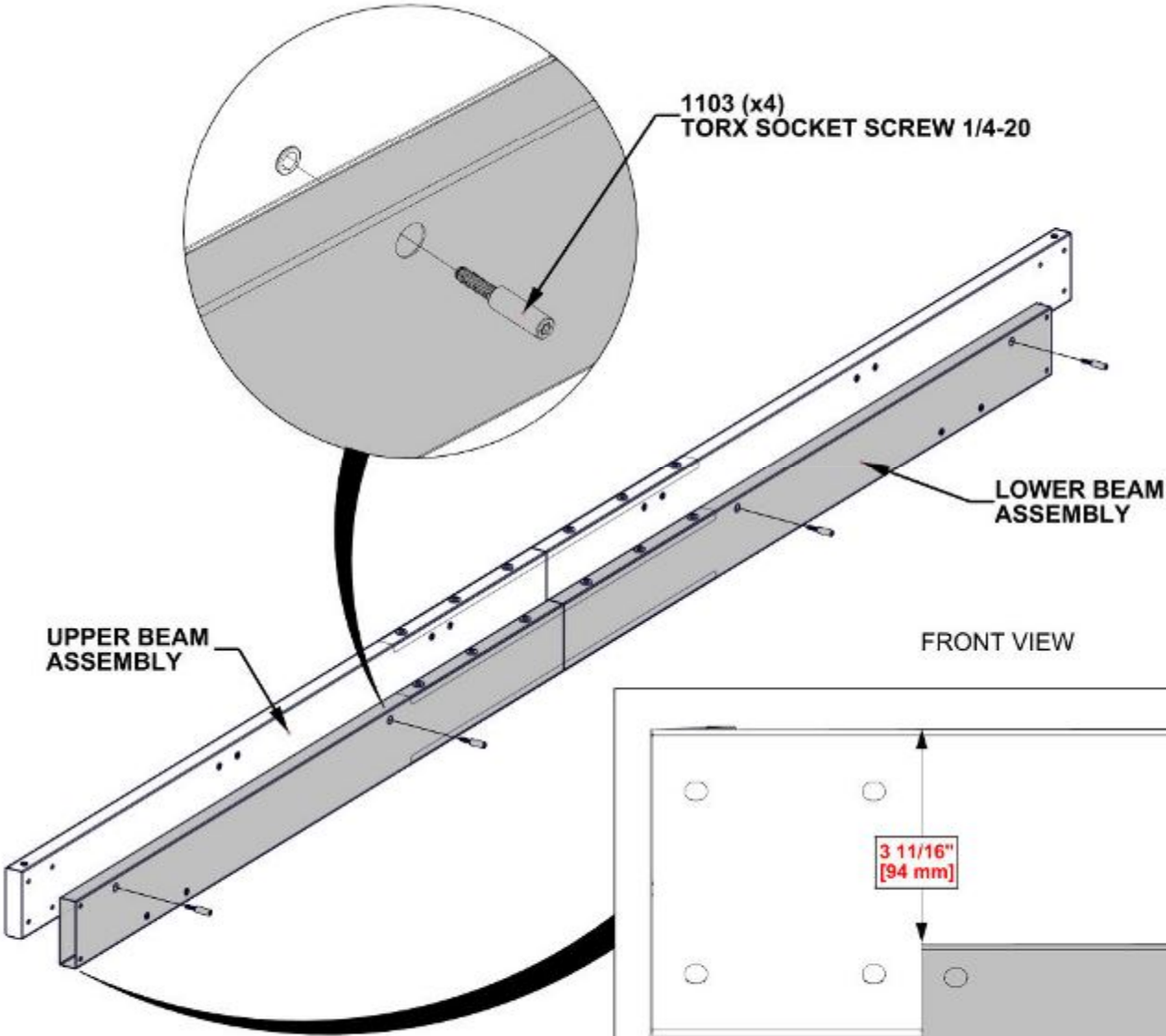


UPPER BEAM ASSEMBLY FROM STEP 9A-9B

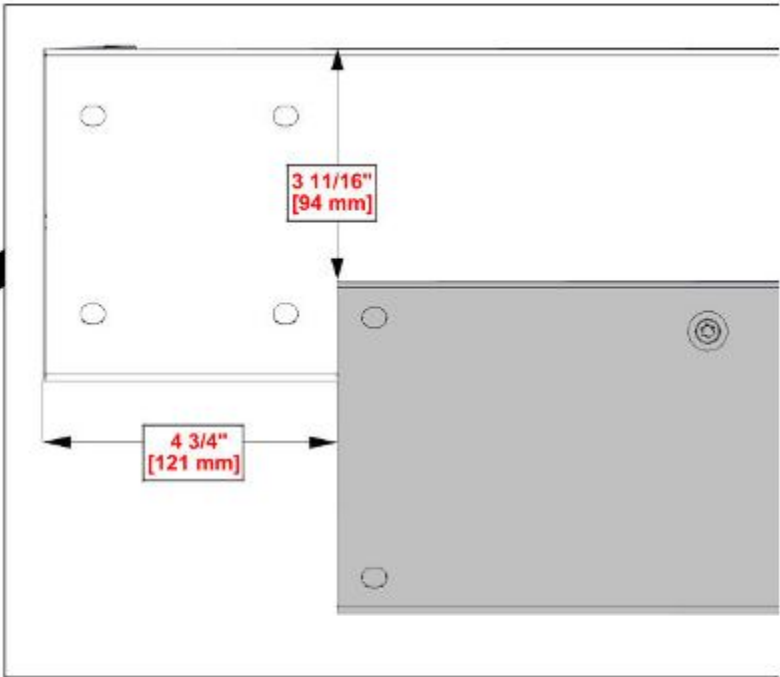


LOWER BEAM ASSEMBLY FROM STEP 9C-9D

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



FRONT VIEW

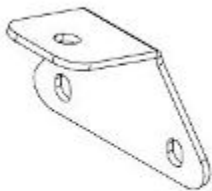


DIMENSIONS ARE THE SAME AT  
BOTH ENDS AND CRITICAL TO THE  
BEAM ASSEMBLY

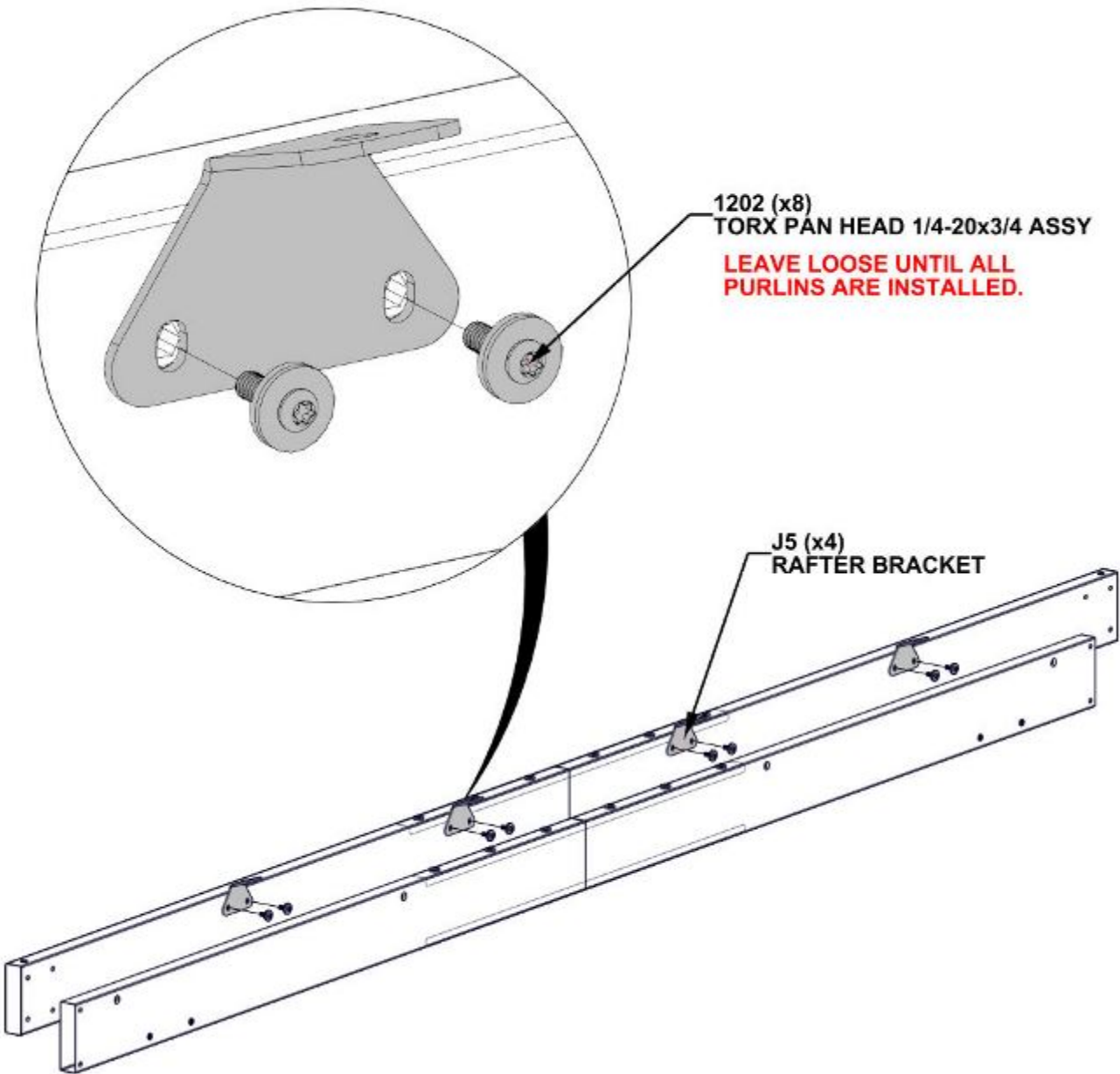


# STEP 10 - BEAM ASSEMBLY

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



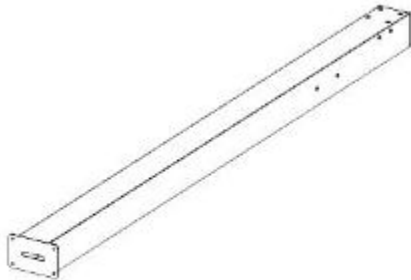
J5 RAFTER BRACKET - A4M03803  
(x4) 3 5/8"x2 11/16"x2 1/16" (52x68x91.5)



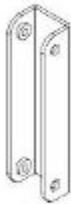
**REPEAT BEAM ASSEMBLY  
STEPS 9 THROUGH 10**

# STEP 11 - POST ASSEMBLY

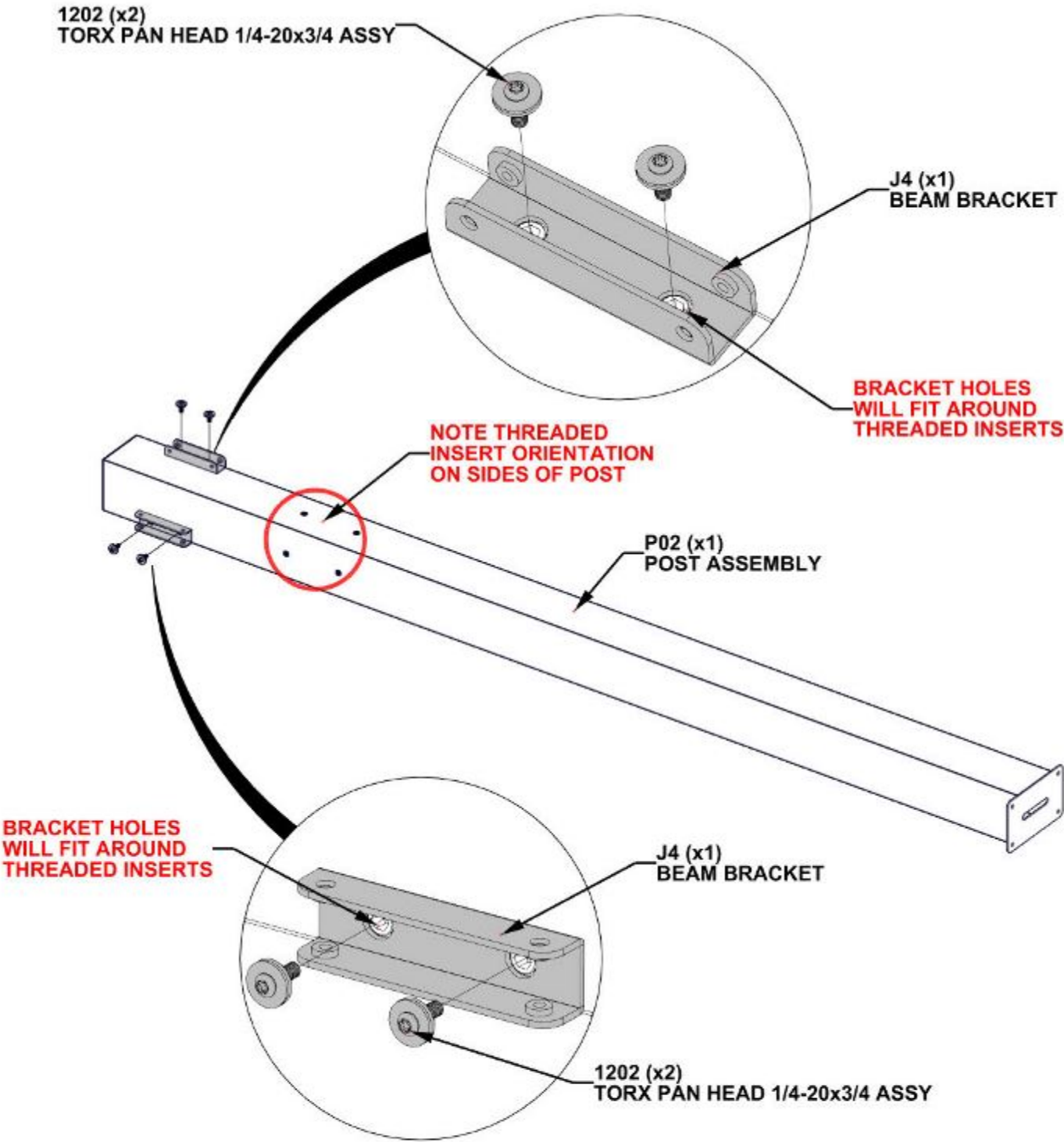
Qty	PartNo	Description
4	H101202	TORX PAN HEAD 1/4-20x3/4 ASSY



P02 POST ASSEMBLY - A4M04410  
(x1) 4 3/4"x7 1/2"x89 9/16" (120x190x2275)



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

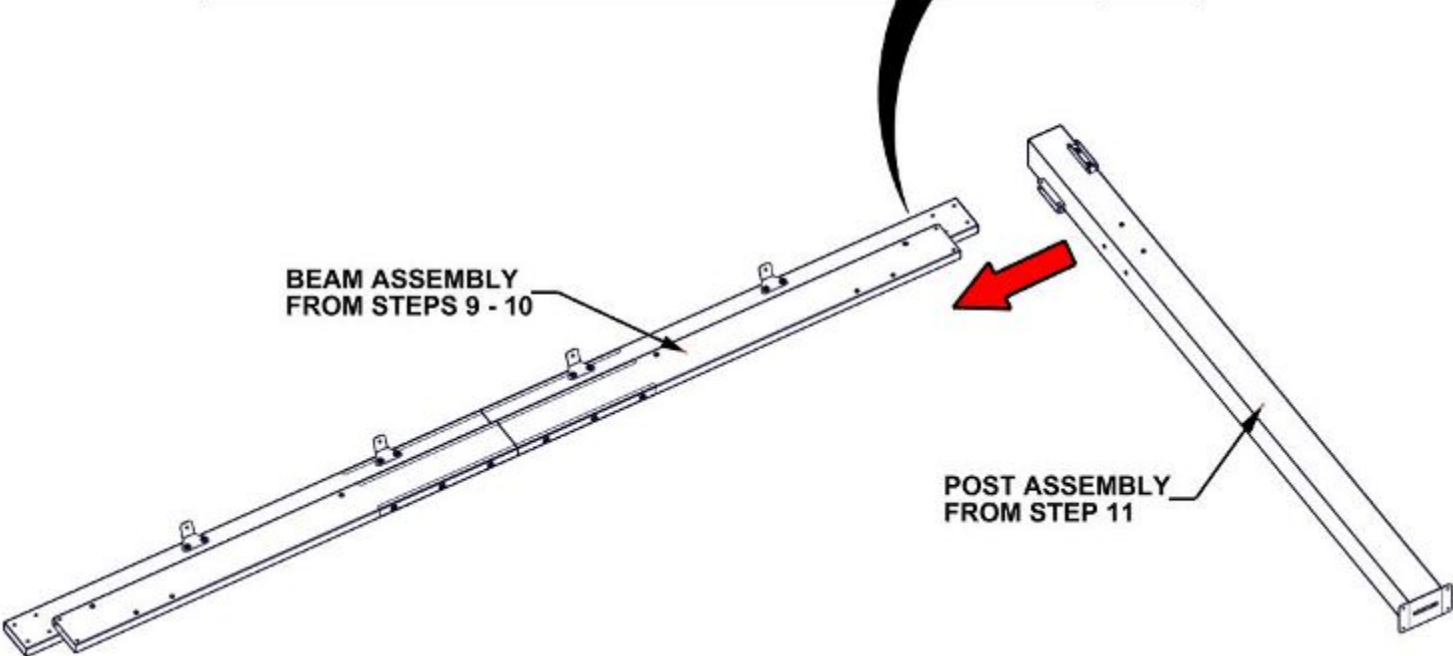
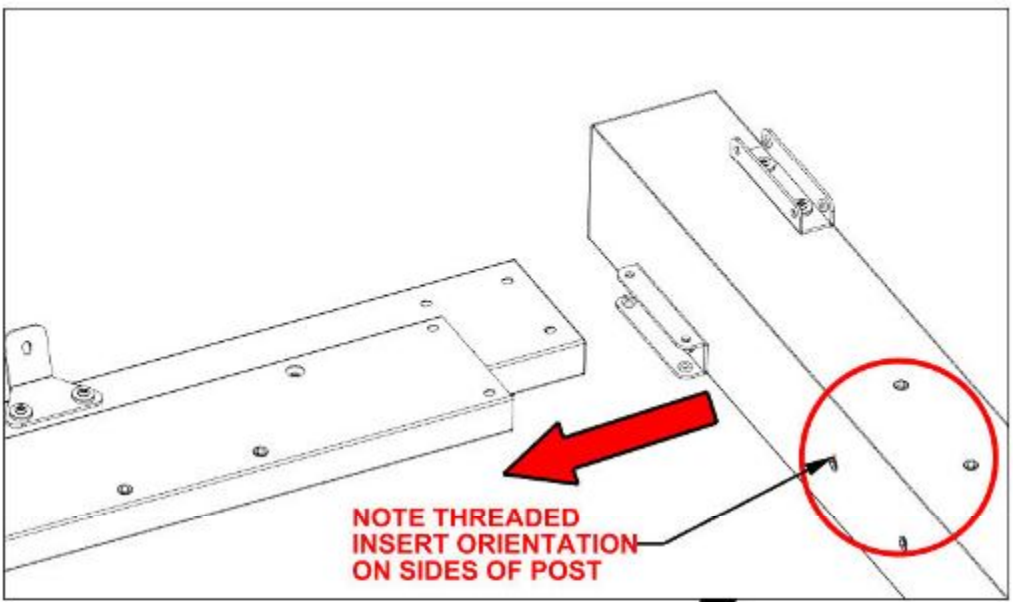


# STEP 12A - FRAME ASSEMBLY



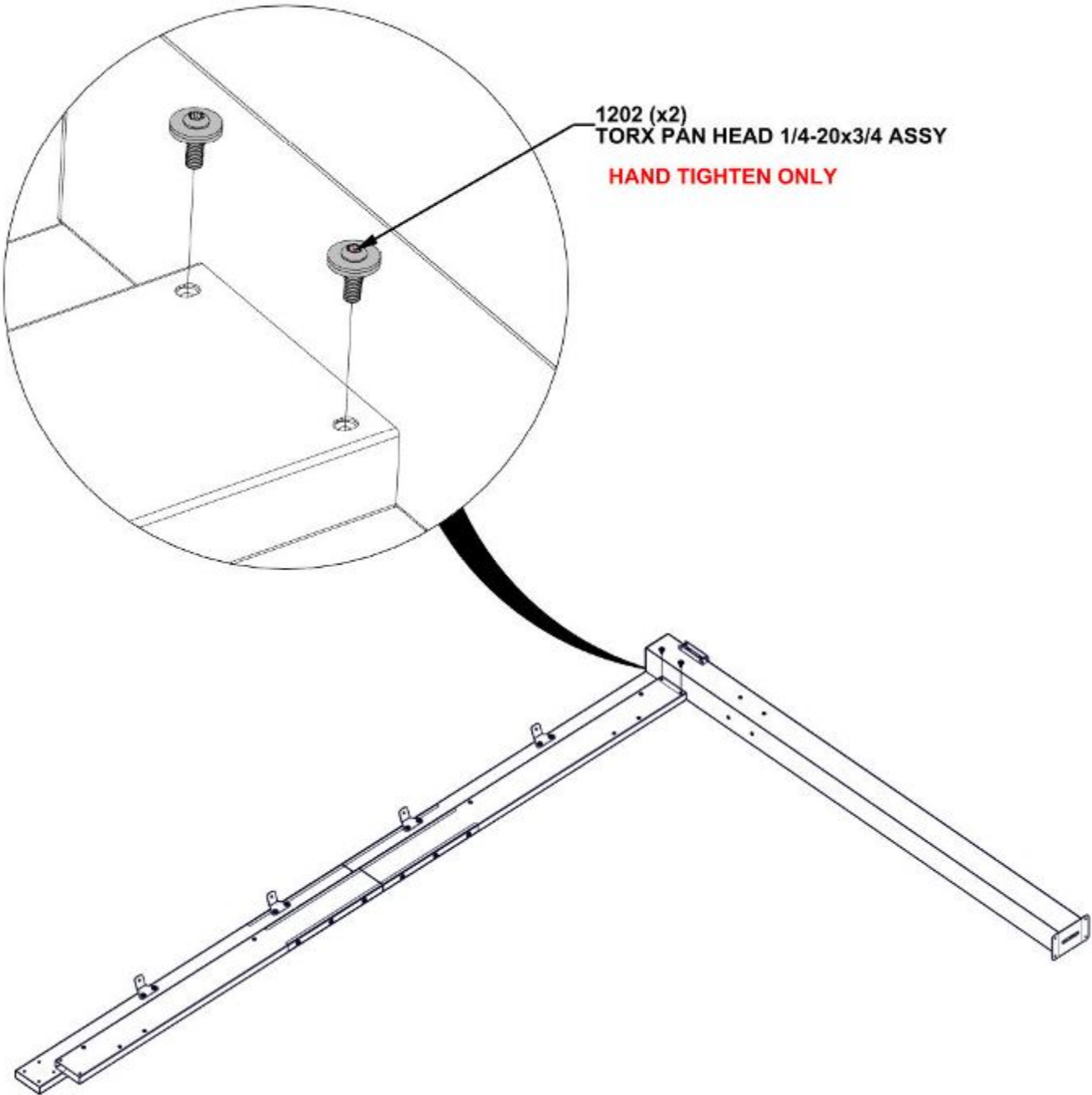
BEAM ASSEMBLY FROM STEPS 9 - 10

- SLIDE POST ASSEMBLY FROM STEP 11 INTO THE BEAM ASSEMBLY FROM STEPS 9 - 10.



# STEP 12B - FRAME ASSEMBLY

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



# STEP 12C - FRAME ASSEMBLY

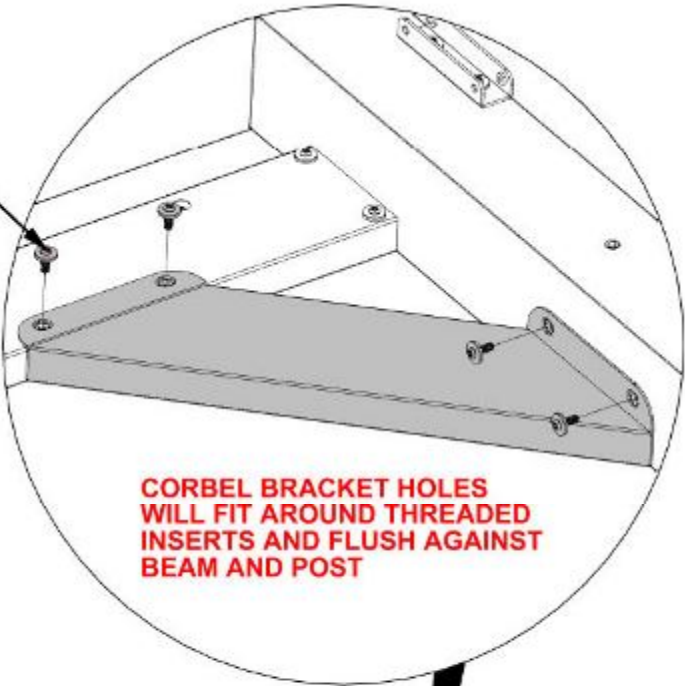
Qty	PartNo	Description
4	H101202	TORX PAN HEAD 1/4-20x3/4 ASSY



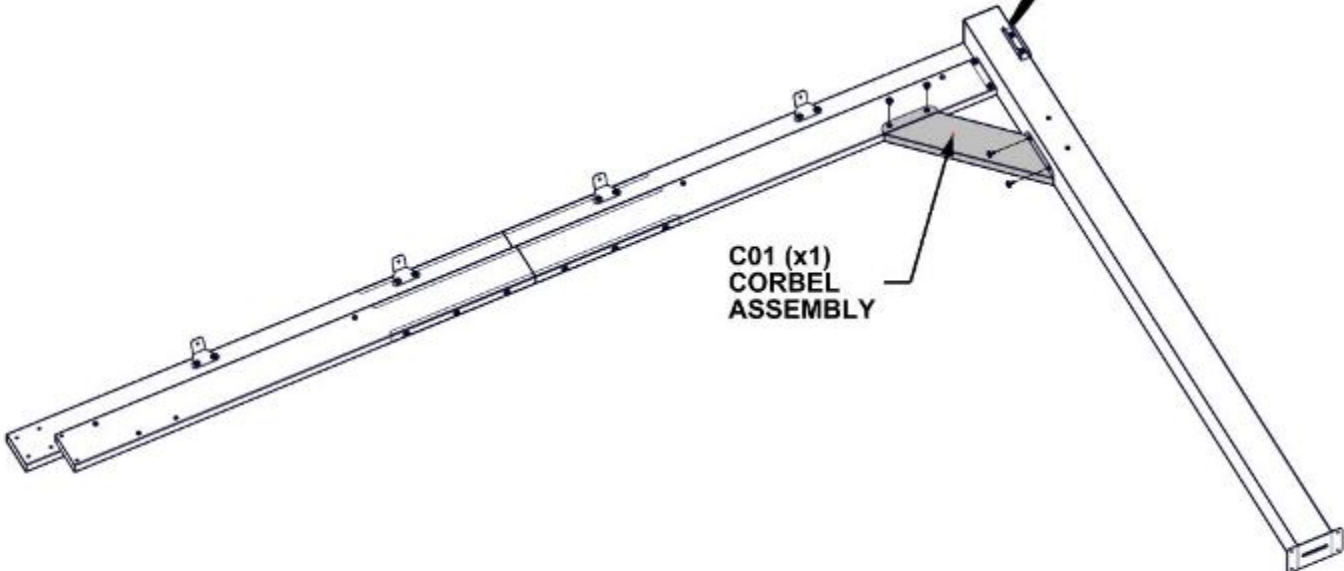
C01 CORBEL ASSEMBLY - A4M03525  
(x1) 21 13/16"x5 1/4"x2 3/4" (70x134x553.5)

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

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



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

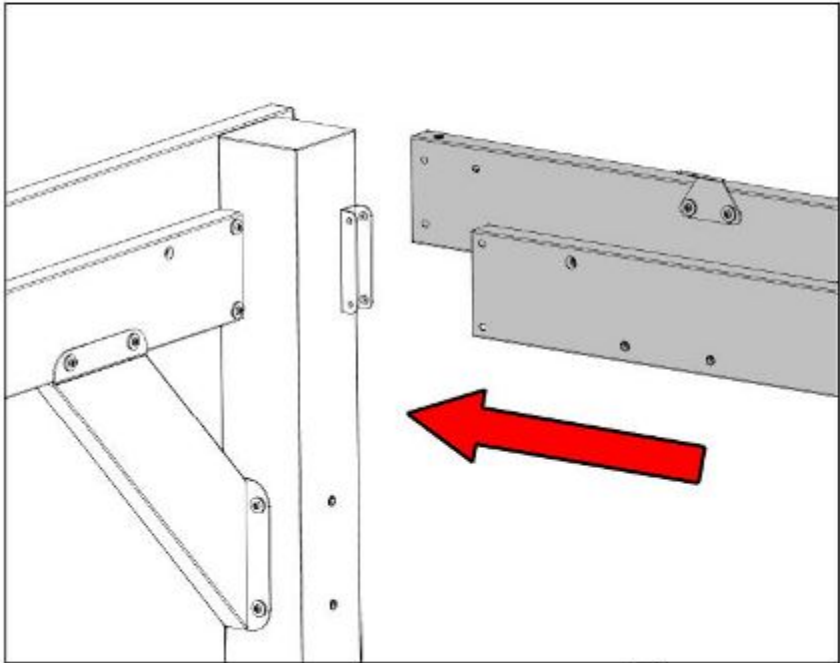


C01 (x1)  
CORBEL  
ASSEMBLY



# STEP 13A - FRAME ASSEMBLY

- WITH AT LEAST THREE OTHER PEOPLE, ATTACH BEAM AND POST ASSEMBLIES BY SLIDING INTO PLACE.



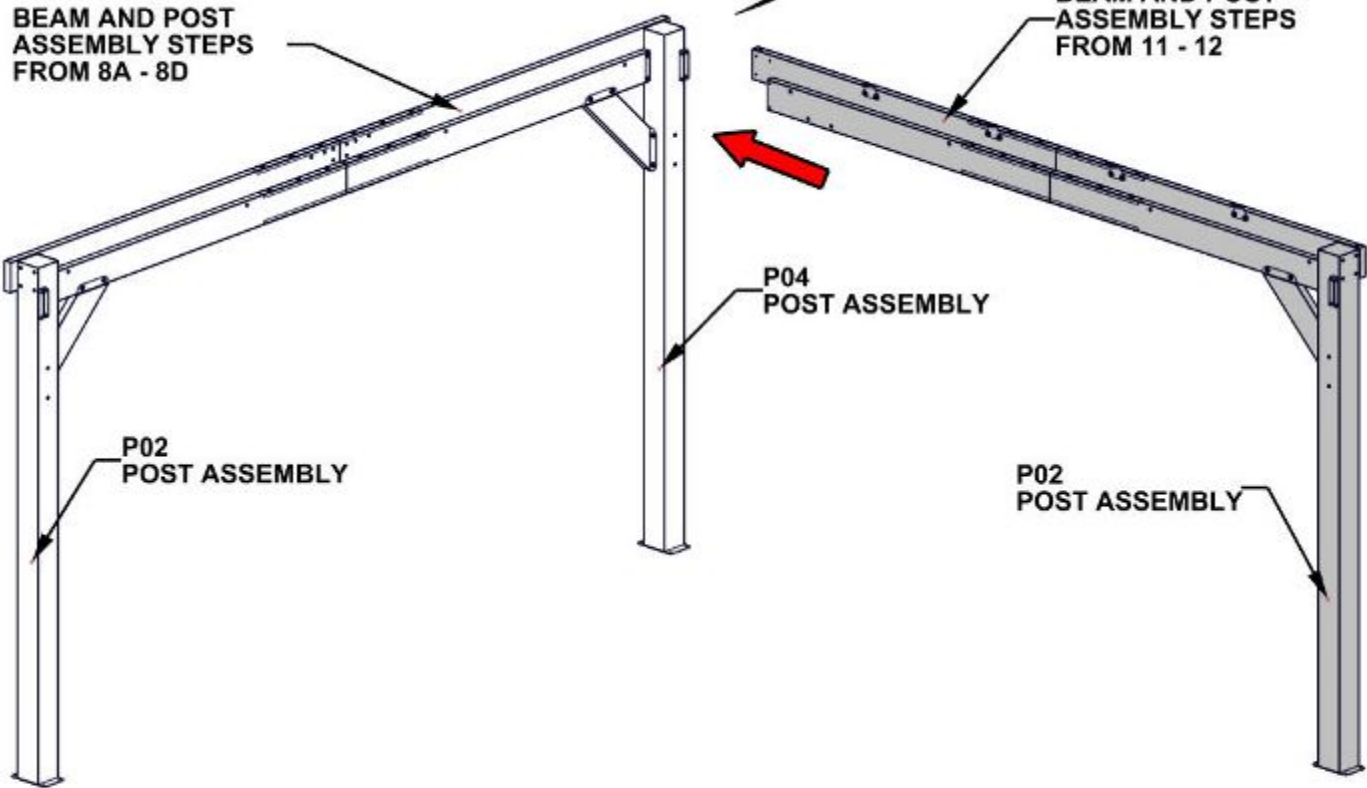
BEAM AND POST  
ASSEMBLY STEPS  
FROM 8A - 8D

BEAM AND POST  
ASSEMBLY STEPS  
FROM 11 - 12

P04  
POST ASSEMBLY

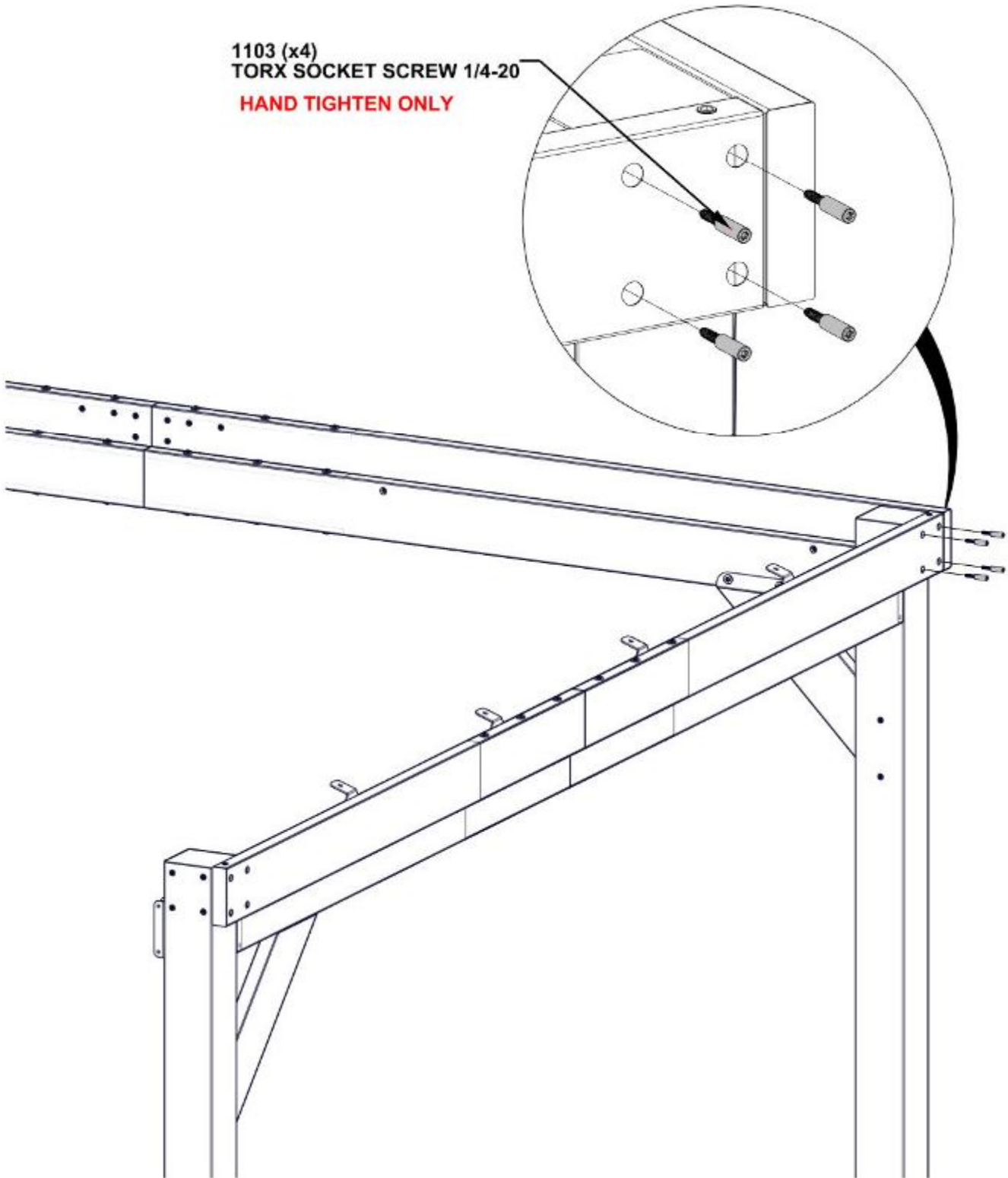
P02  
POST ASSEMBLY

P02  
POST ASSEMBLY



# STEP 13B - FRAME ASSEMBLY

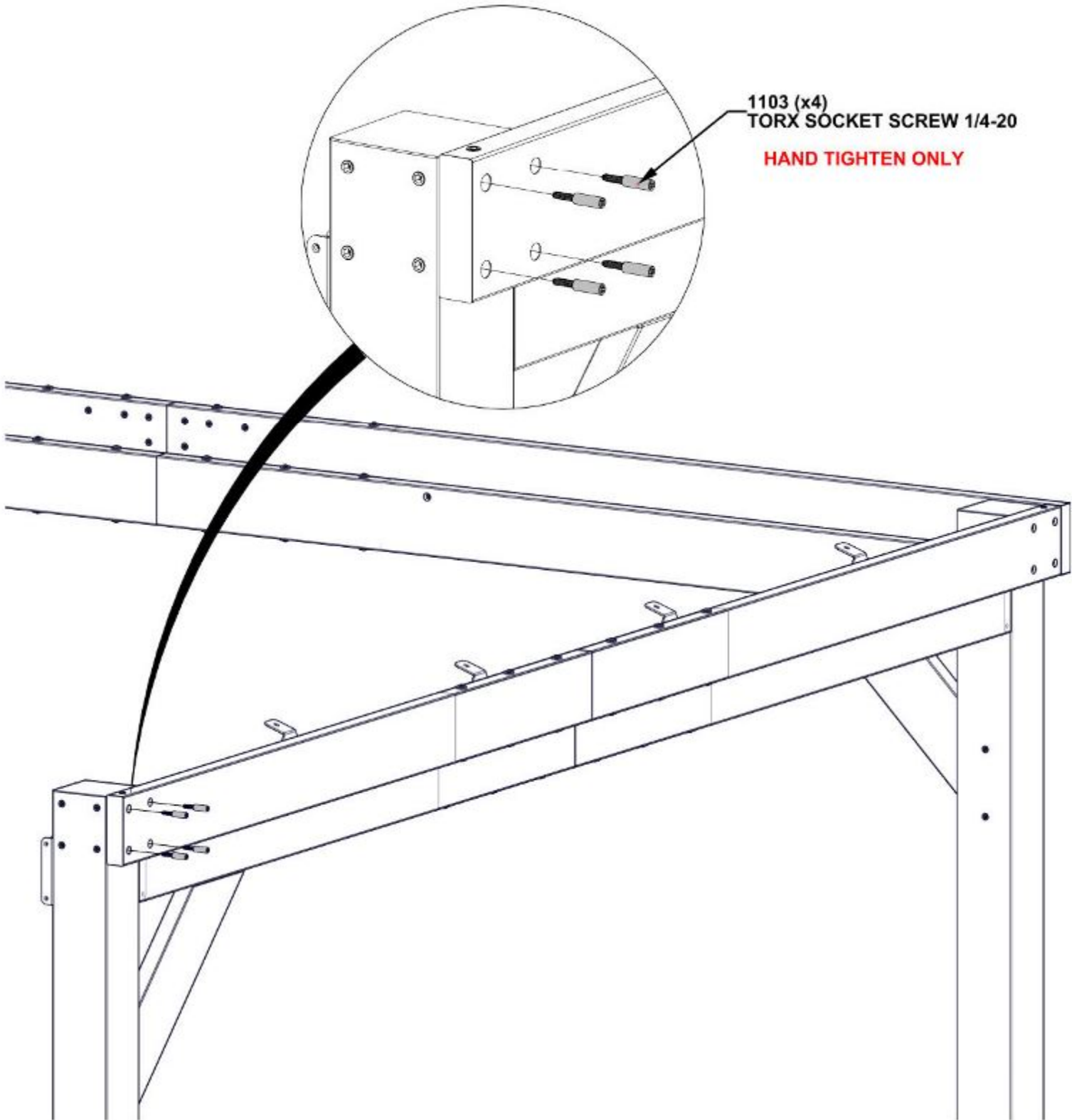
Qty	PartNo	Description
4	H101103	TORX SOCKET SCREW 1/4-20





# STEP 13C - FRAME ASSEMBLY

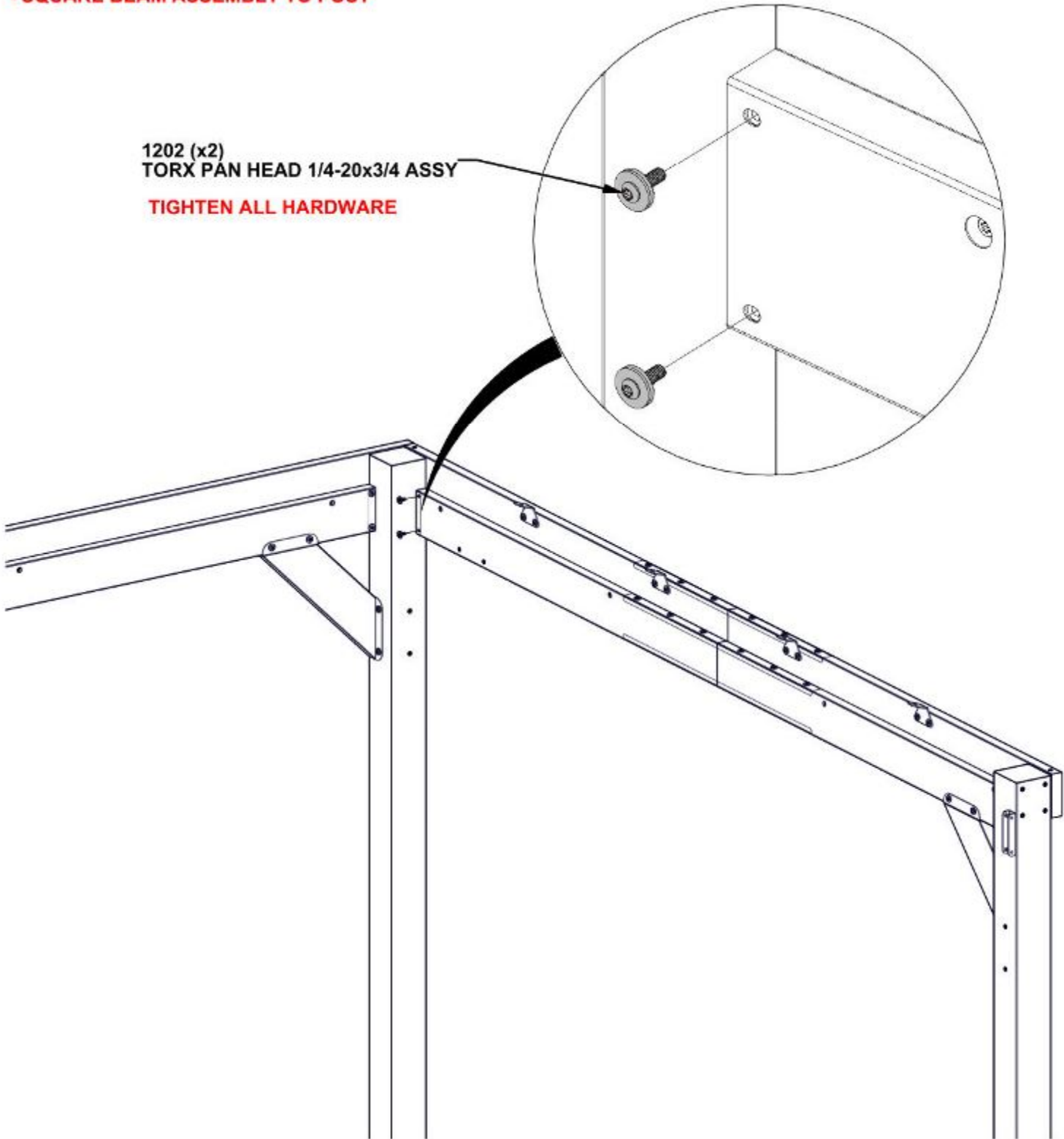
Qty	PartNo	Description
4	H101103	TORX SOCKET SCREW 1/4-20



# STEP 13D - FRAME ASSEMBLY

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

- SQUARE BEAM ASSEMBLY TO POST



1202 (x2)  
TORX PAN HEAD 1/4-20x3/4 ASSY  
TIGHTEN ALL HARDWARE

# STEP 14 - FRAME ASSEMBLY

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

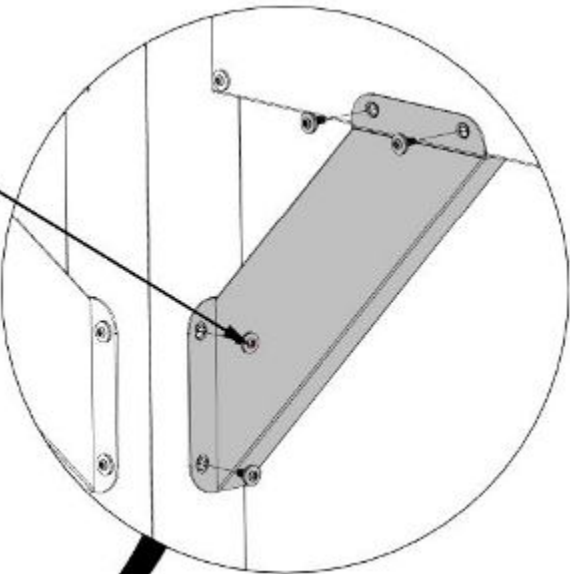


C02 CORBEL ASSEMBLY - A4M03526  
(x1) 21 13/16"x5 1/4"x2 3/4" (70x134x553.5)

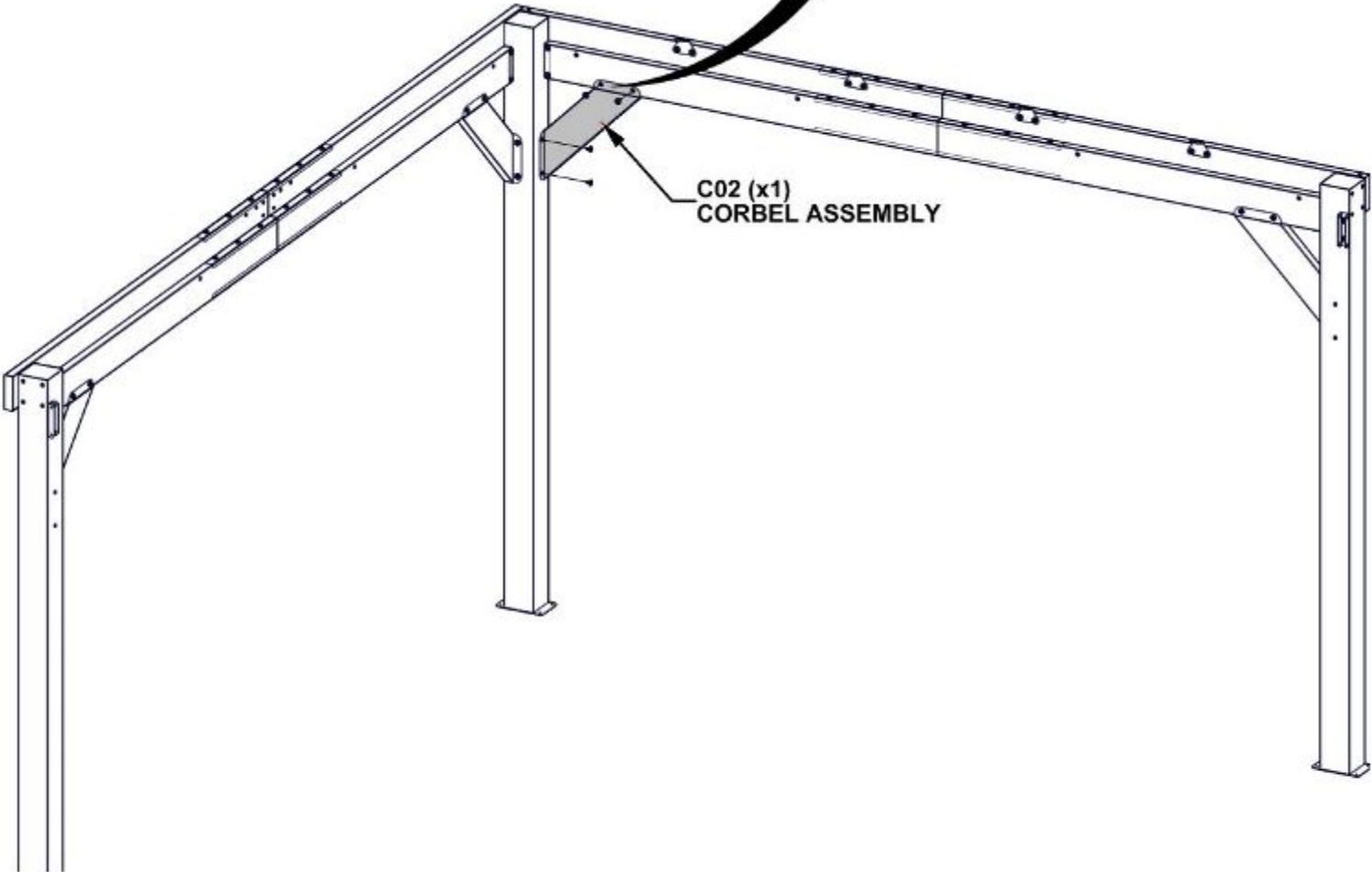
- ATTACH CORBEL TO BEAM AND POST.
- SQUARE AS NEEDED BEFORE TIGHTENING ALL HARDWARE FROM PREVIOUS STEPS.

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

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

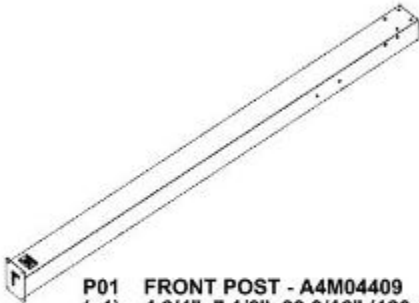


C02 (x1)  
CORBEL ASSEMBLY



# STEP 15 - POST ASSEMBLY

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

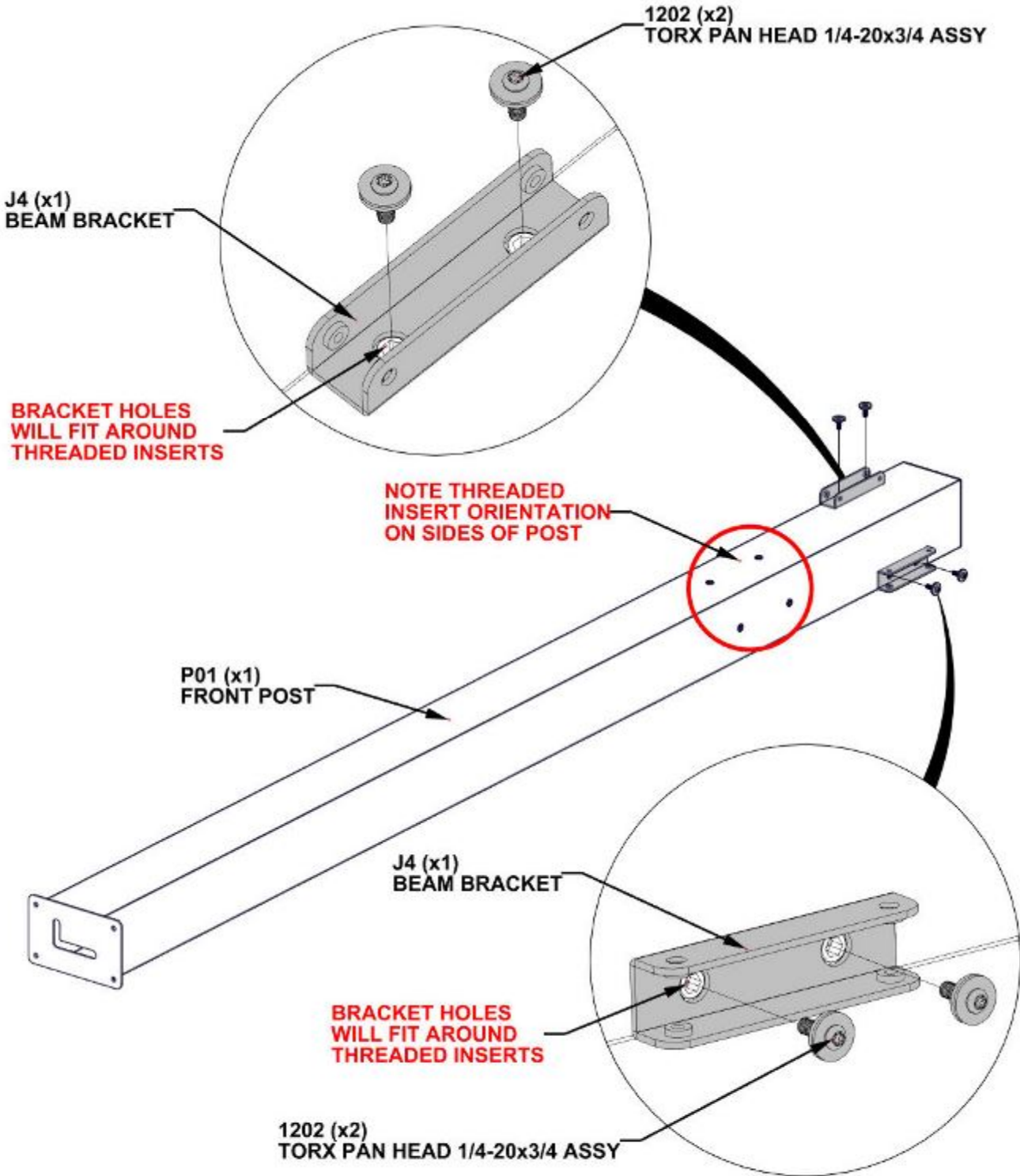


P01 FRONT POST - A4M04409  
(x1) 4 3/4"x7 1/2"x89 9/16" (120x190x2275)



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

- FOR EASE OF ASSEMBLY, WE RECOMMEND  
USING SAW HORSES FOR STEPS 15 - 16.



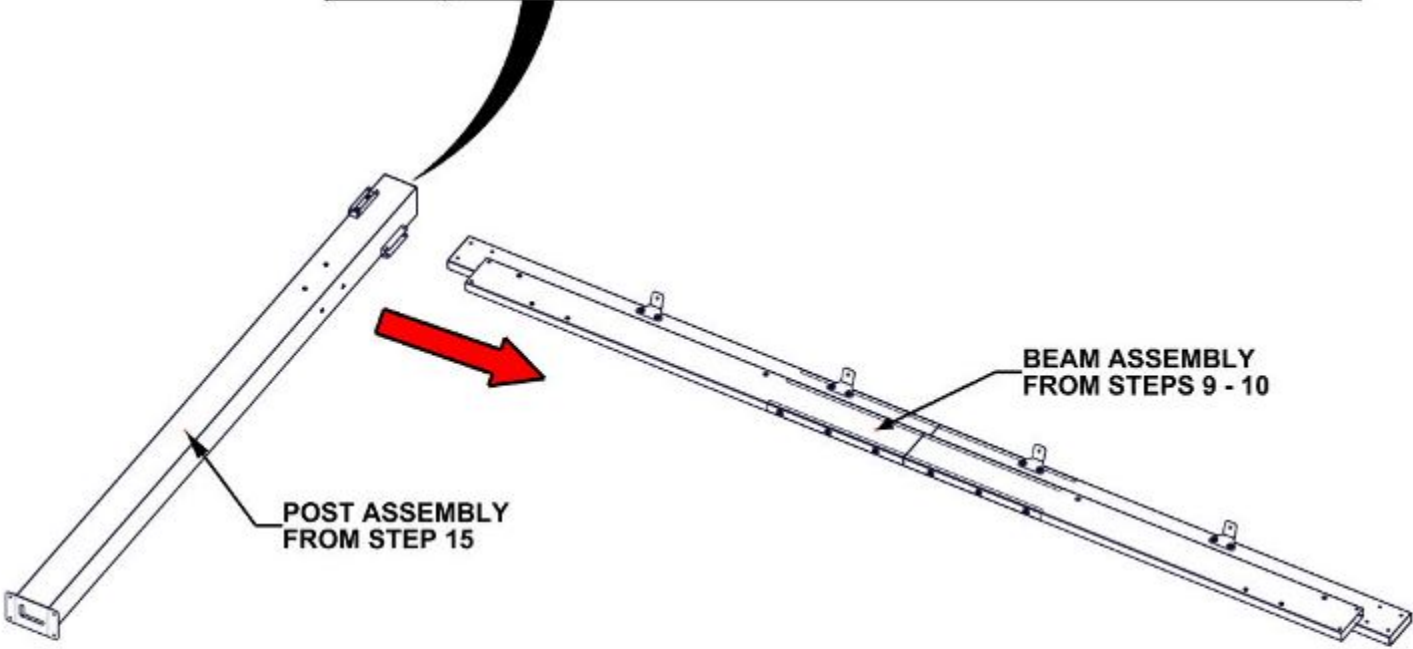
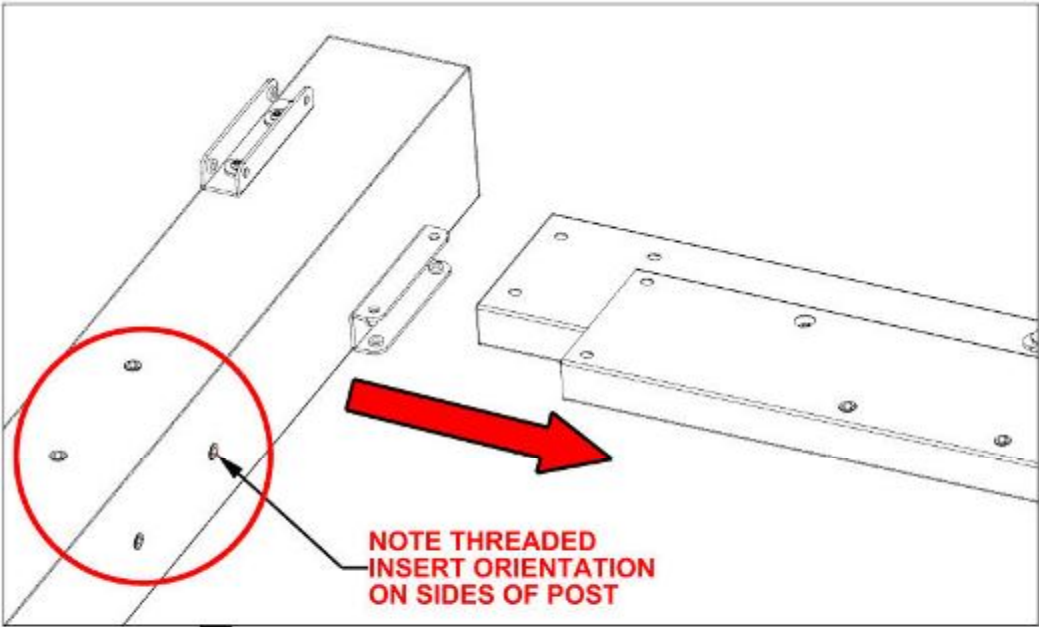


# STEP 16A - FRAME ASSEMBLY



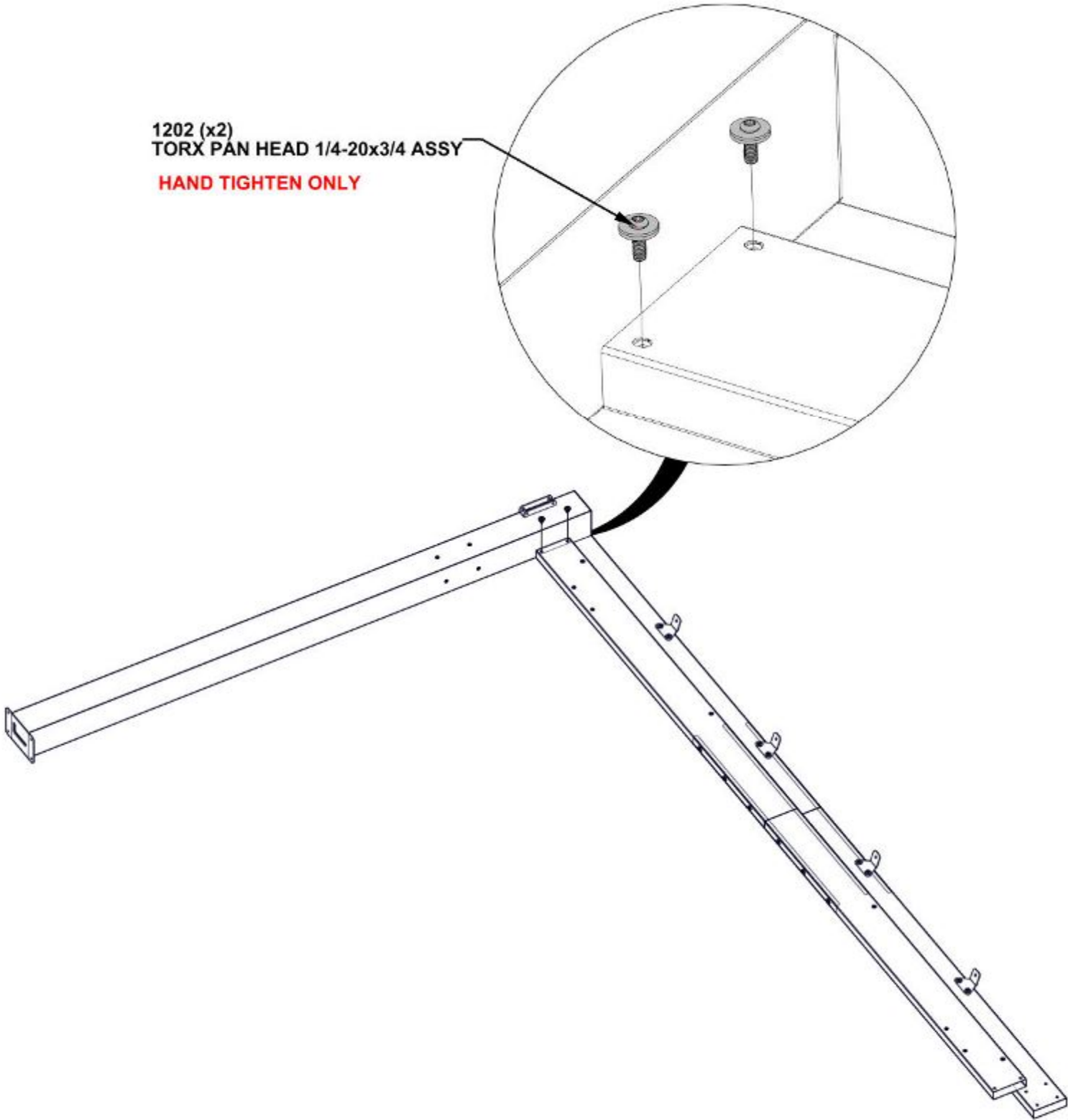
BEAM ASSEMBLY FROM STEPS 9 - 10

- SLIDE POST ASSEMBLY FROM STEP 15 INTO THE BEAM ASSEMBLY FROM STEPS 9 - 10.



# STEP 16B - FRAME ASSEMBLY

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





# STEP 16C - FRAME ASSEMBLY

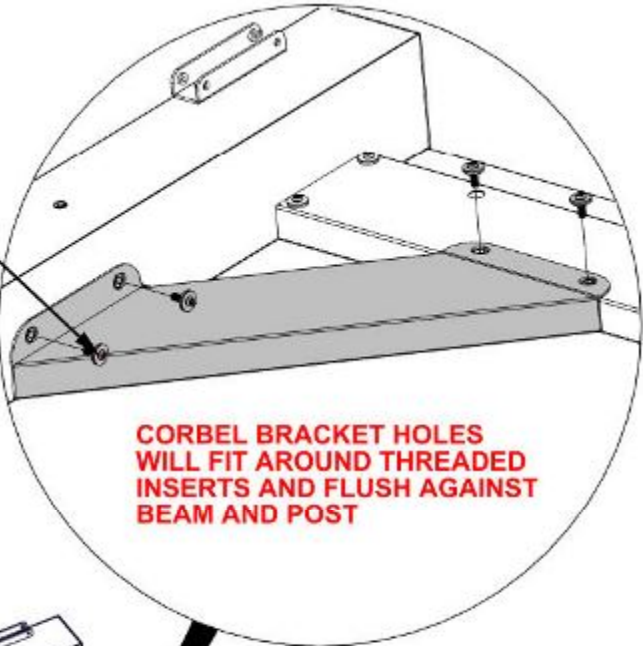
Qty	PartNo	Description
4	H101202	TORX PAN HEAD 1/4-20x3/4 ASSY



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 BEFORE TIGHTENING ALL HARDWARE FROM PREVIOUS STEPS.

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

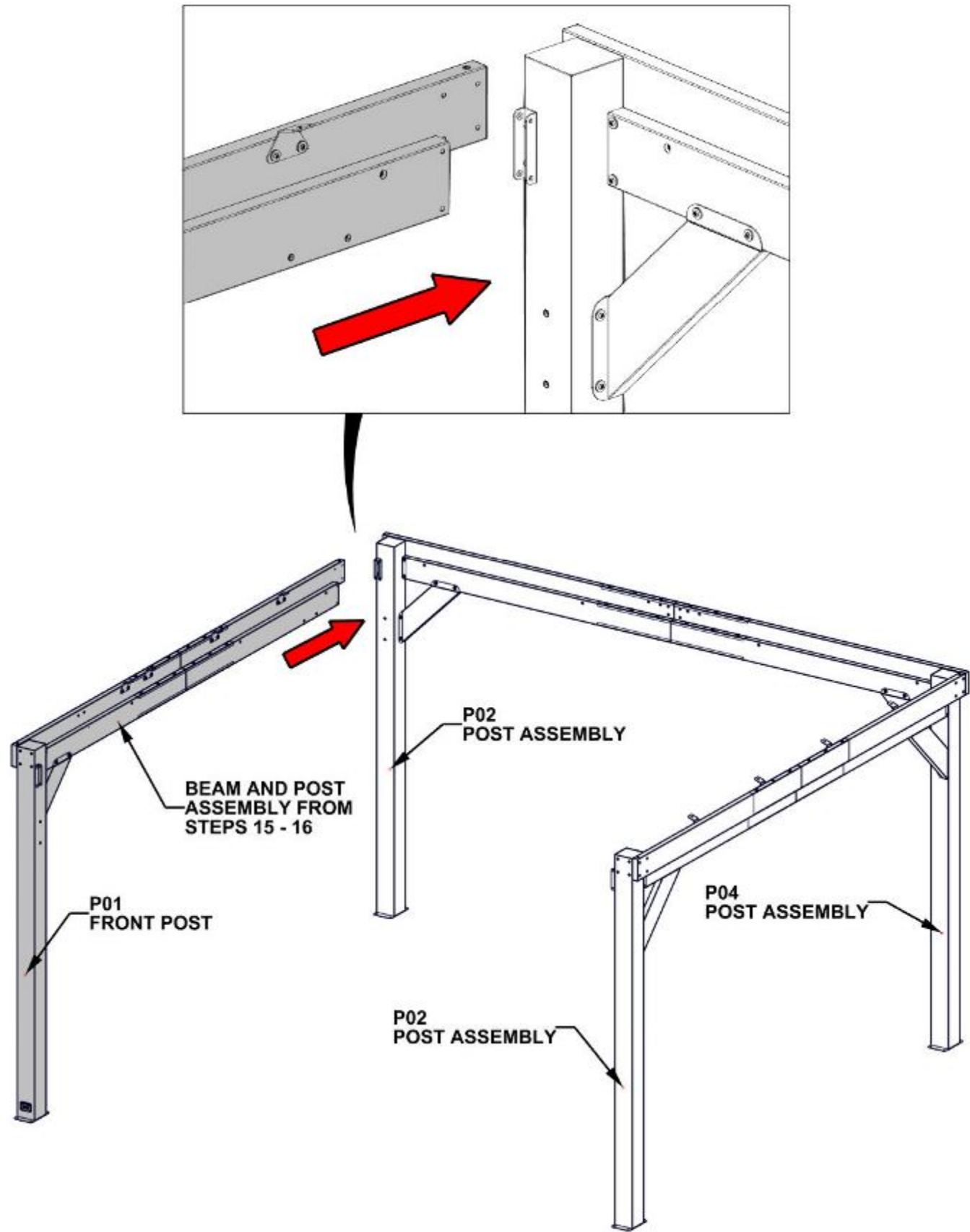


CORBEL BRACKET HOLES  
WILL FIT AROUND THREADED  
INSERTS AND FLUSH AGAINST  
BEAM AND POST

C02 (x1)  
CORBEL  
ASSEMBLY

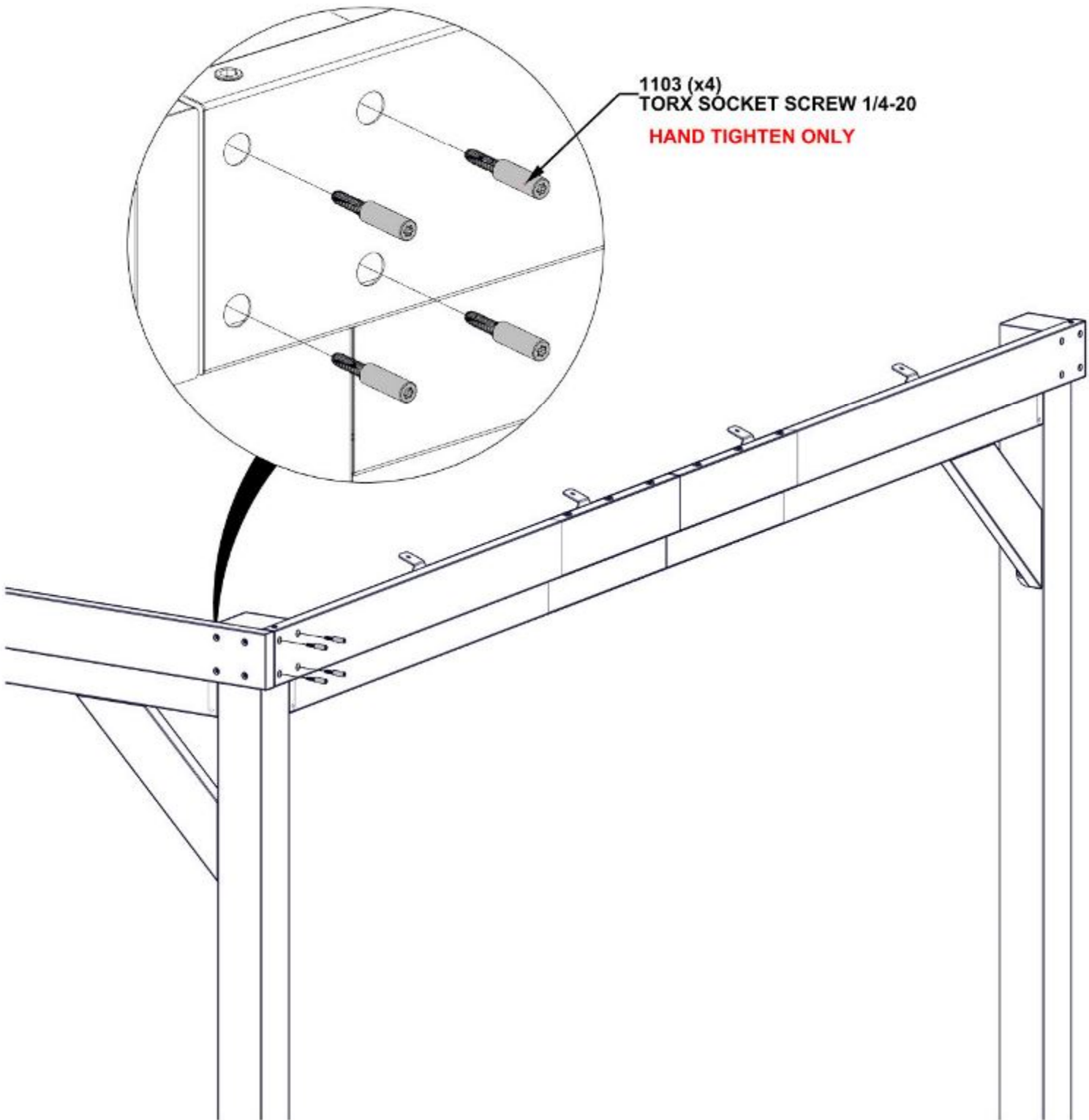
# STEP 17A - FRAME ASSEMBLY

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



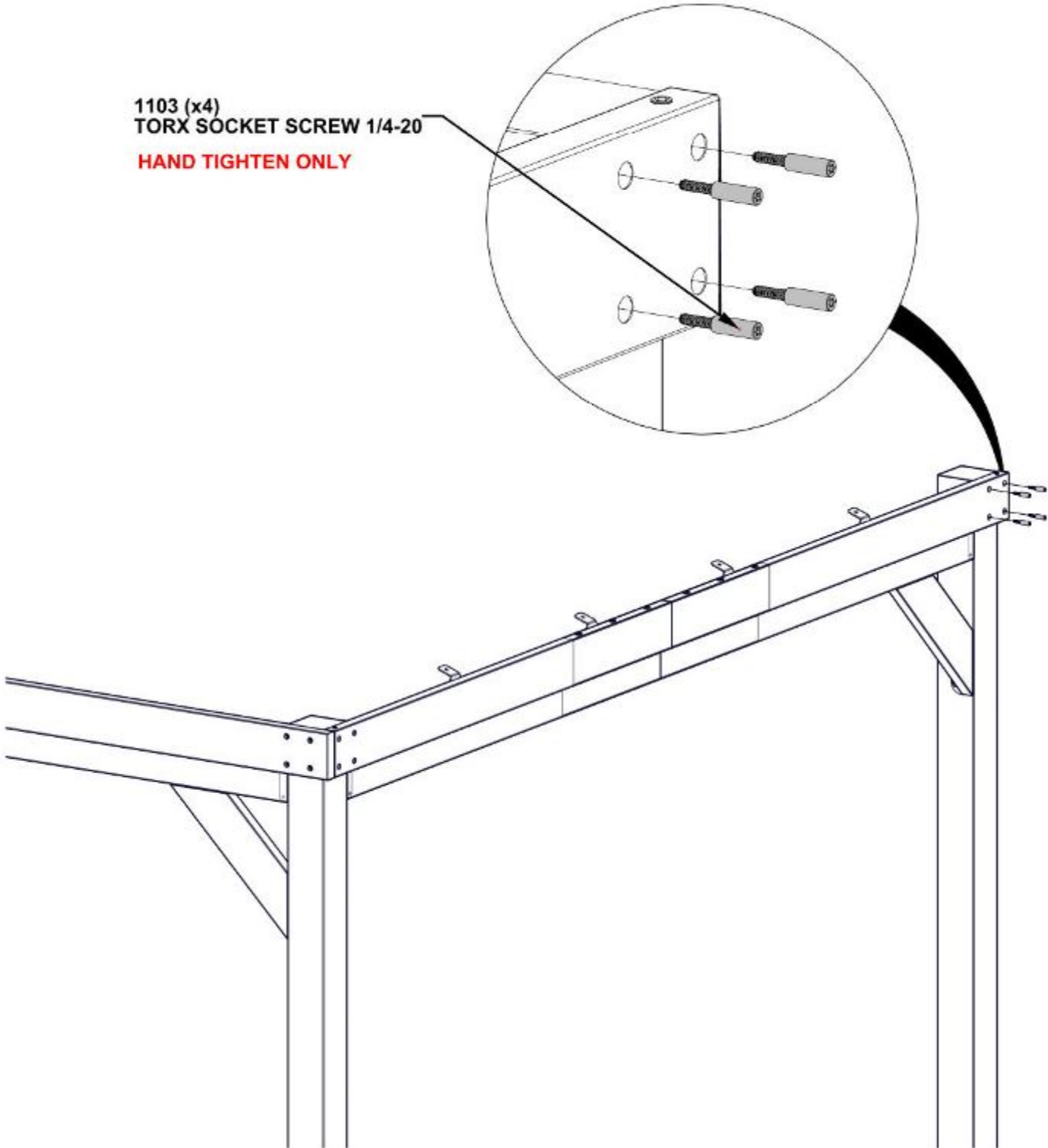
# STEP 17B - FRAME ASSEMBLY

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



# STEP 17C - FRAME ASSEMBLY

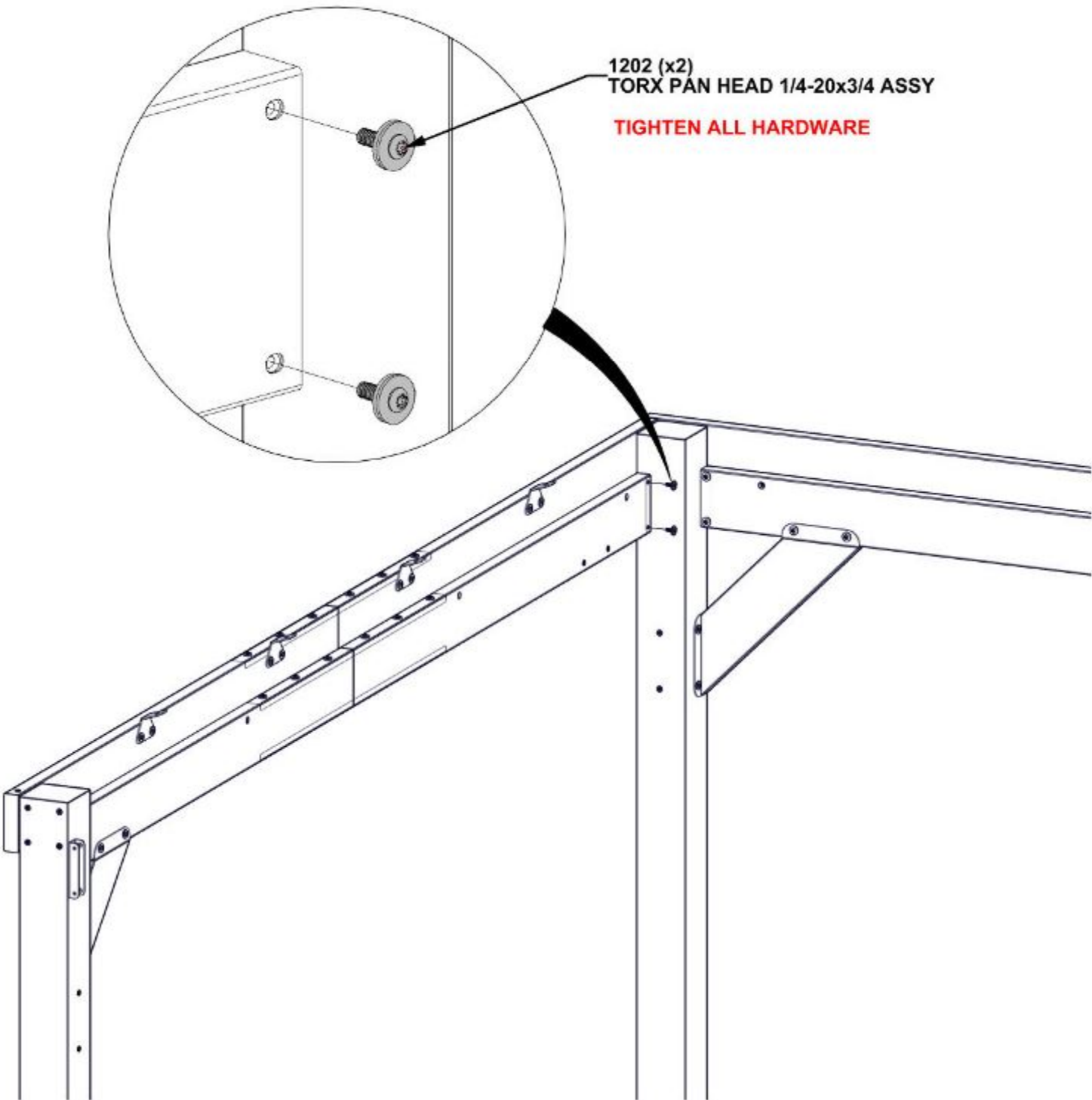
Qty	PartNo	Description
4	H101103	TORX SOCKET SCREW 1/4-20



# STEP 17D - FRAME ASSEMBLY

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

- SQUARE BEAM ASSEMBLY TO POST





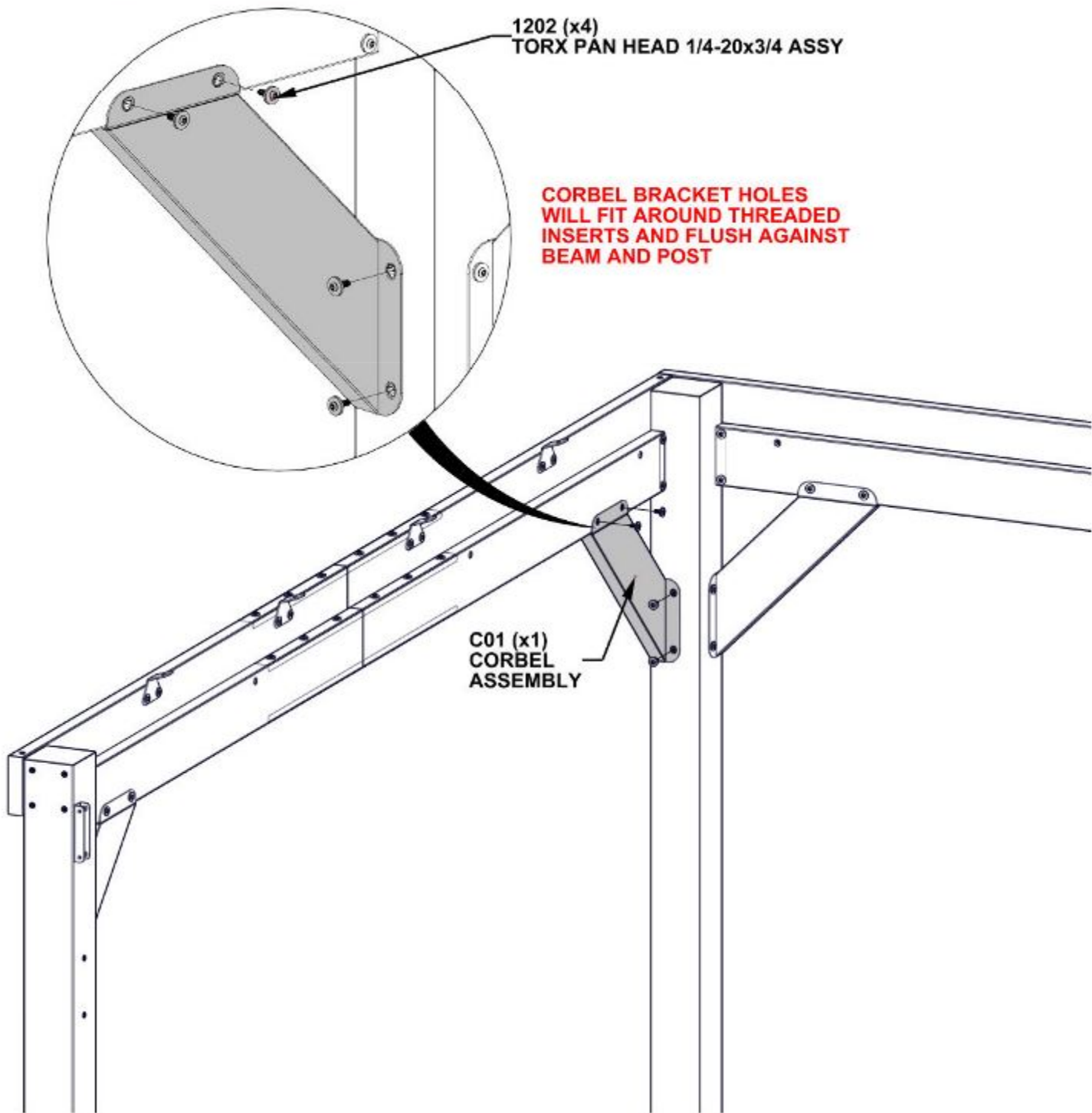
# STEP 18 - FRAME ASSEMBLY

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



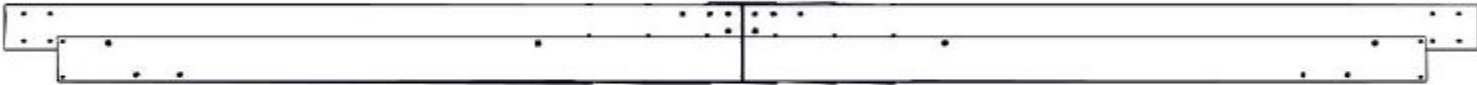
C01 CORBEL ASSEMBLY - A4M03525  
(x1) 21 13/16"x5 1/4"x2 3/4" (70x134x553.5)

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





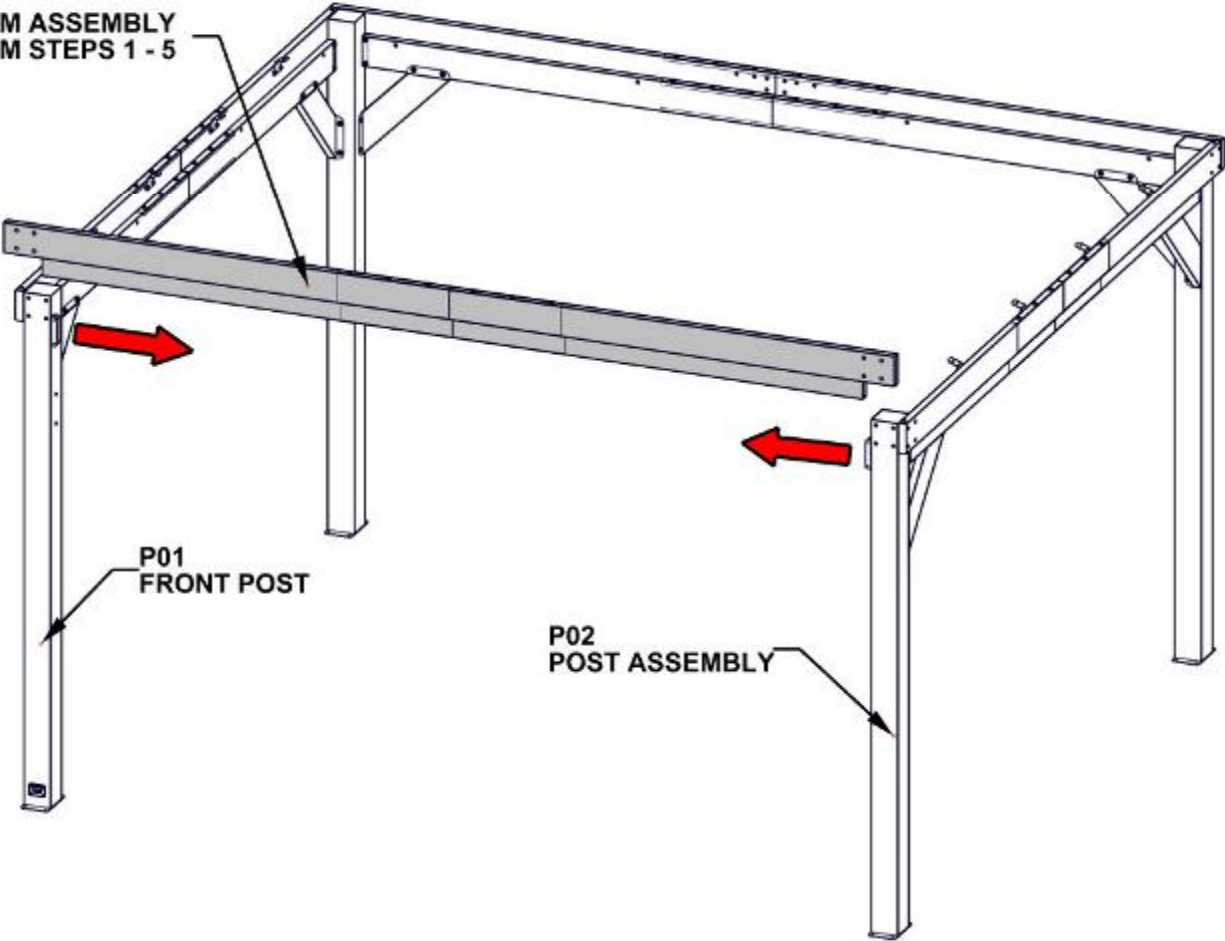
# STEP 19A - FRAME ASSEMBLY



BEAM ASSEMBLY FROM STEPS 1 - 5

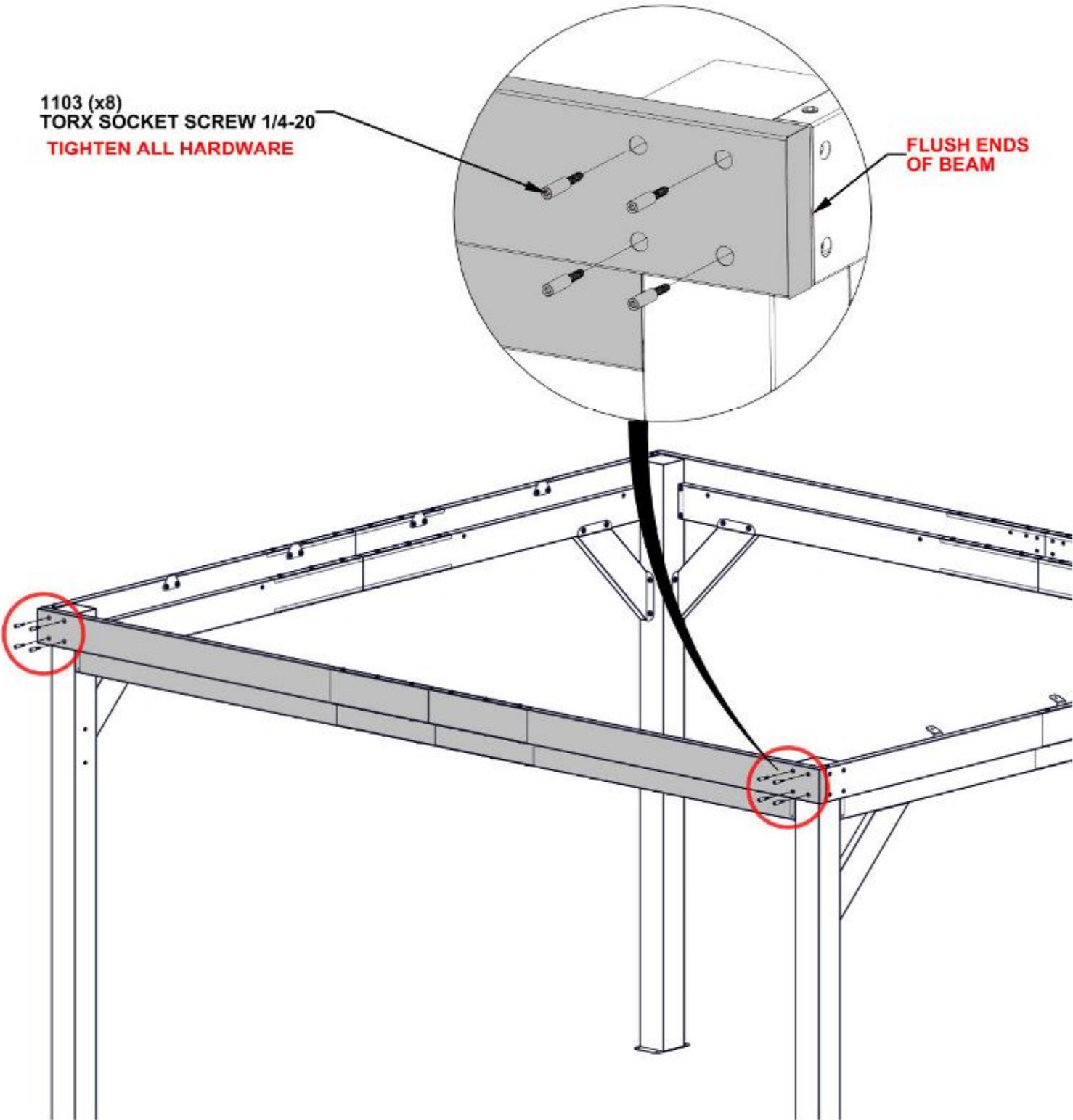
- WITH AT LEAST TWO OTHER PEOPLE, SPREAD FRONT POST APART ENOUGH TO ATTACH BEAM ASSEMBLY INTO BEAM BRACKETS.

BEAM ASSEMBLY  
FROM STEPS 1 - 5



# STEP 19B - FRAME ASSEMBLY

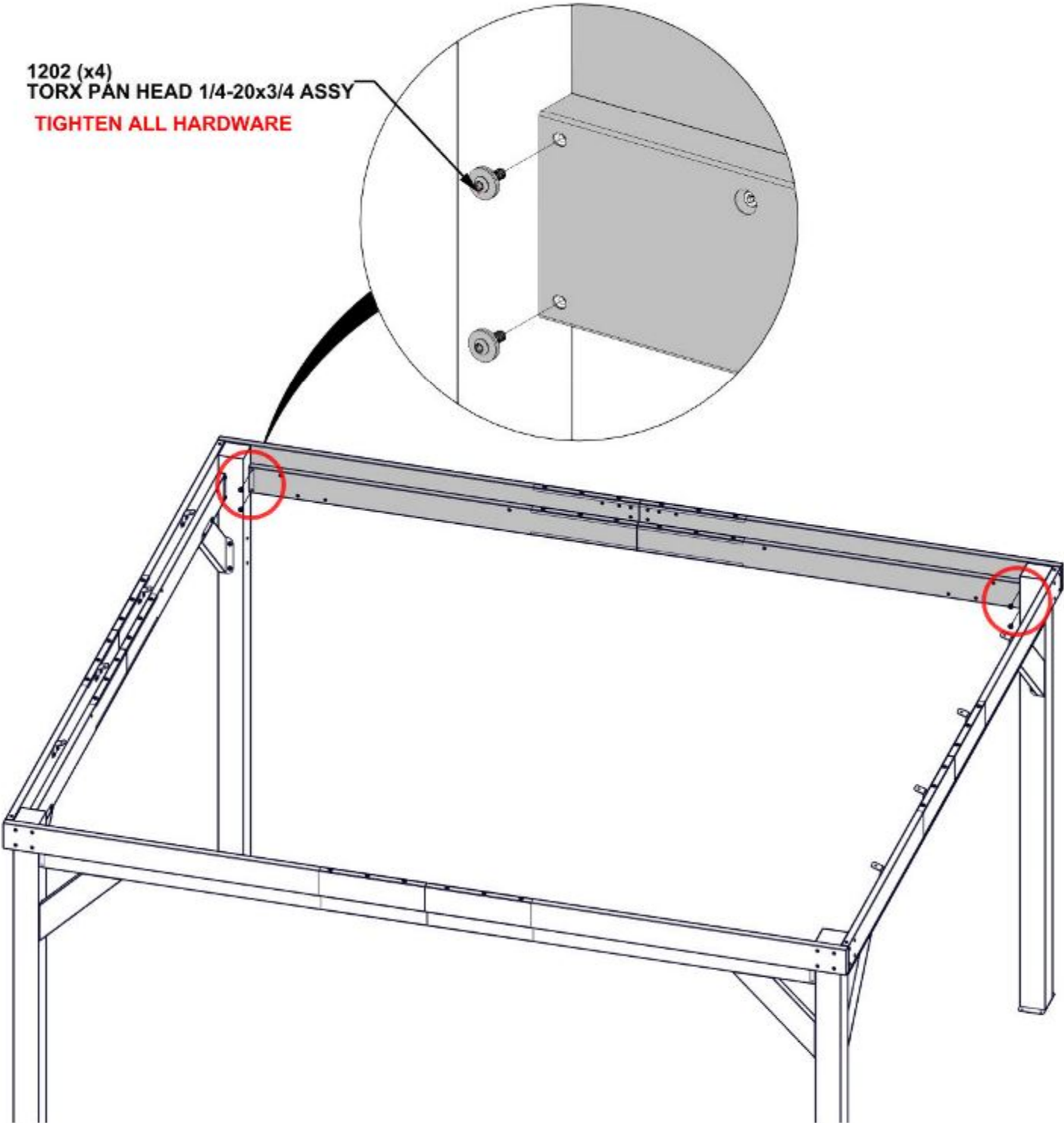
Qty	PartNo	Description
8	H101103	TORX SOCKET SCREW 1/4-20



# STEP 19C - FRAME ASSEMBLY

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

- SQUARE BEAM ASSEMBLY TO POST



# STEP 20 - FRAME ASSEMBLY

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



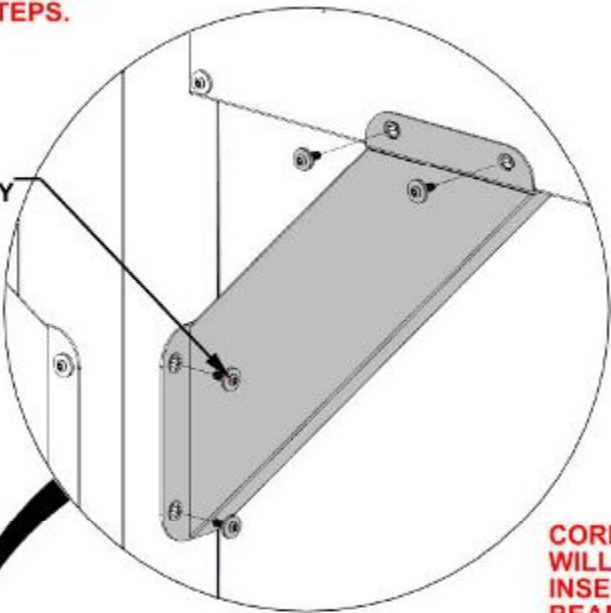
C01 CORBEL ASSEMBLY - A4M03525  
(x1) 21 13/16"x5 1/4"x2 3/4" (70x134x553.5)



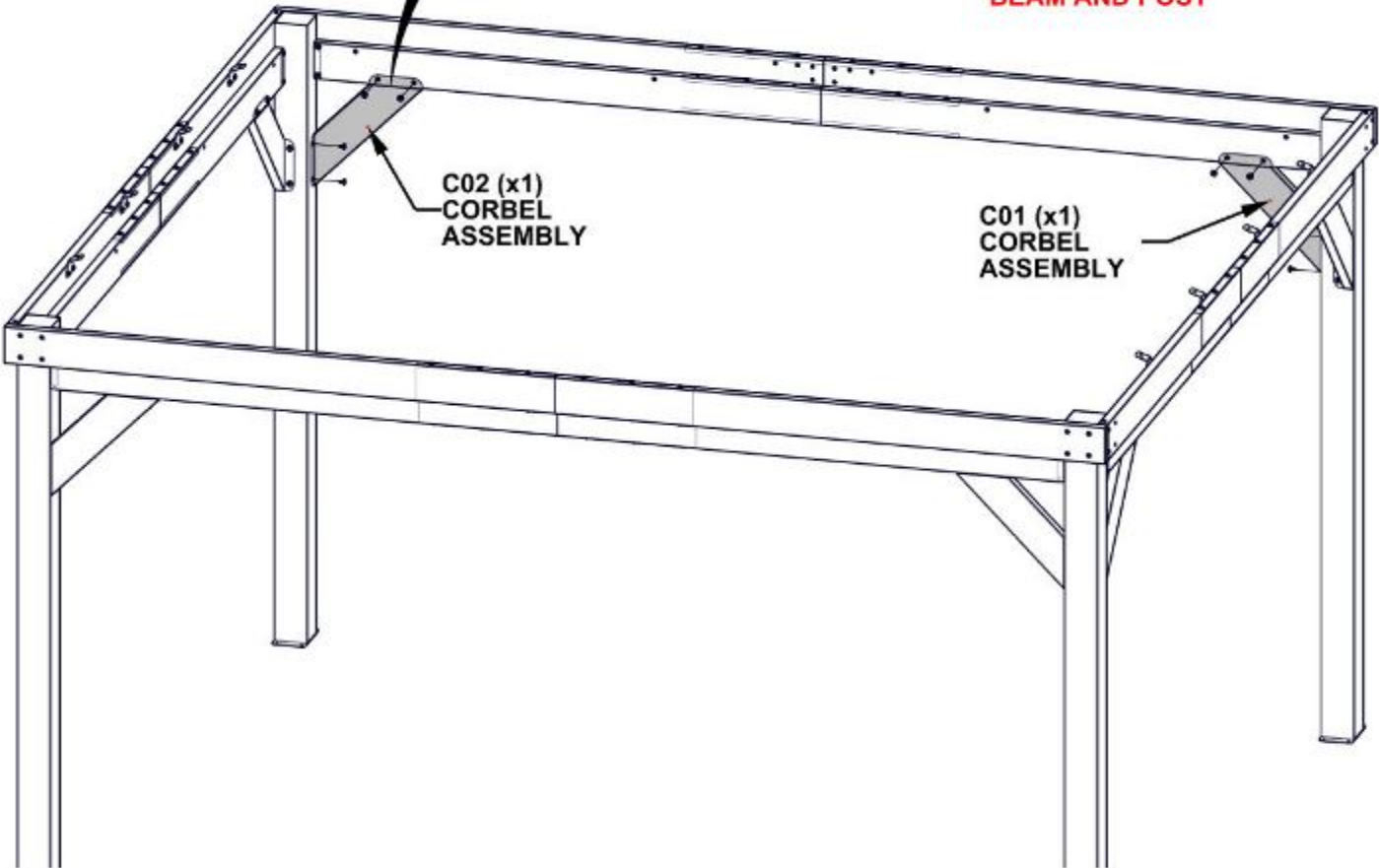
C02 CORBEL ASSEMBLY - A4M03526  
(x1) 21 13/16"x5 1/4"x2 3/4" (70x134x553.5)

- ATTACH CORBELS TO BEAM AND POST.
- SQUARE AS NEEDED BEFORE TIGHTENING 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

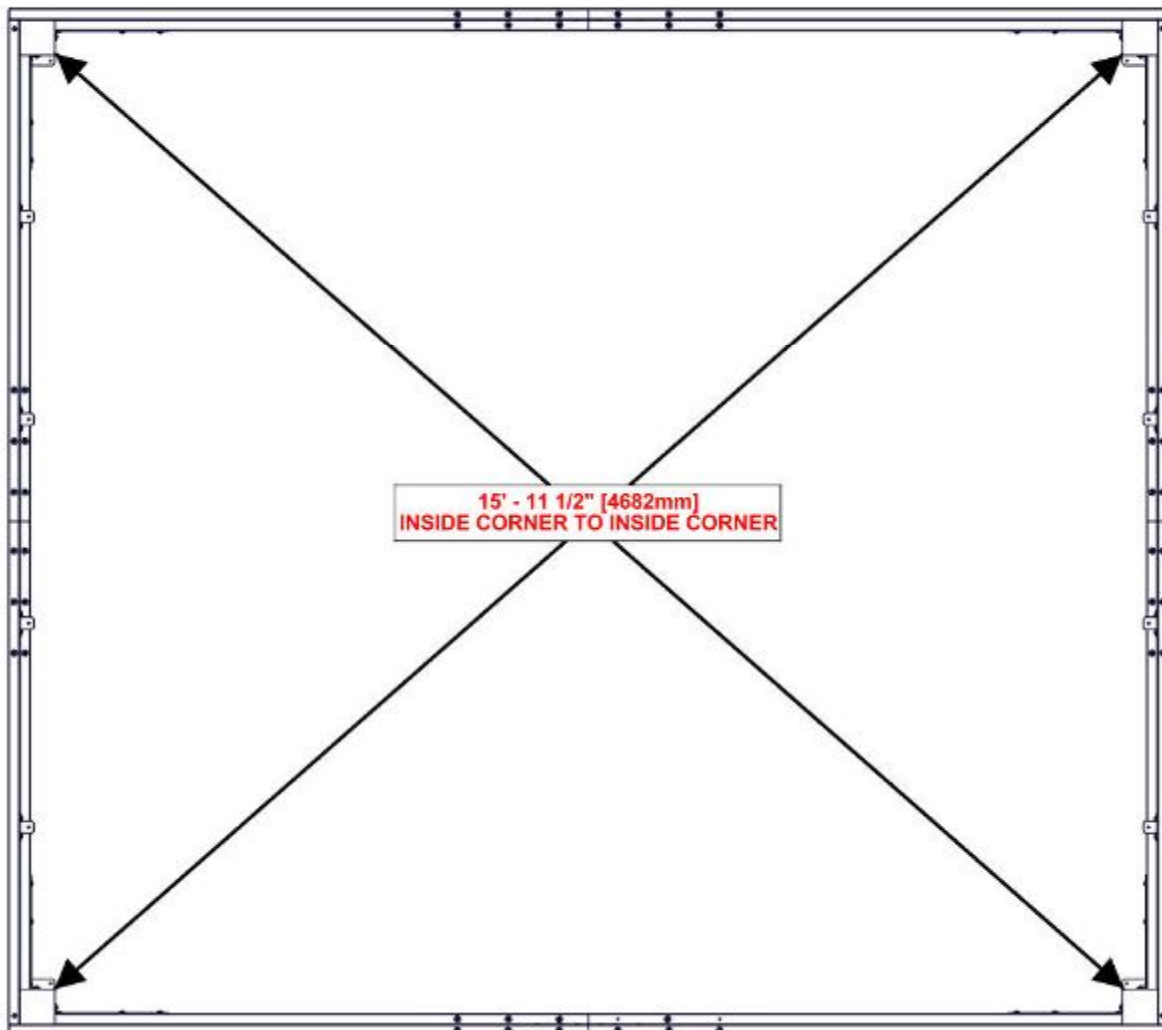


## STEP 21 - SQUARE STRUCTURE

### 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



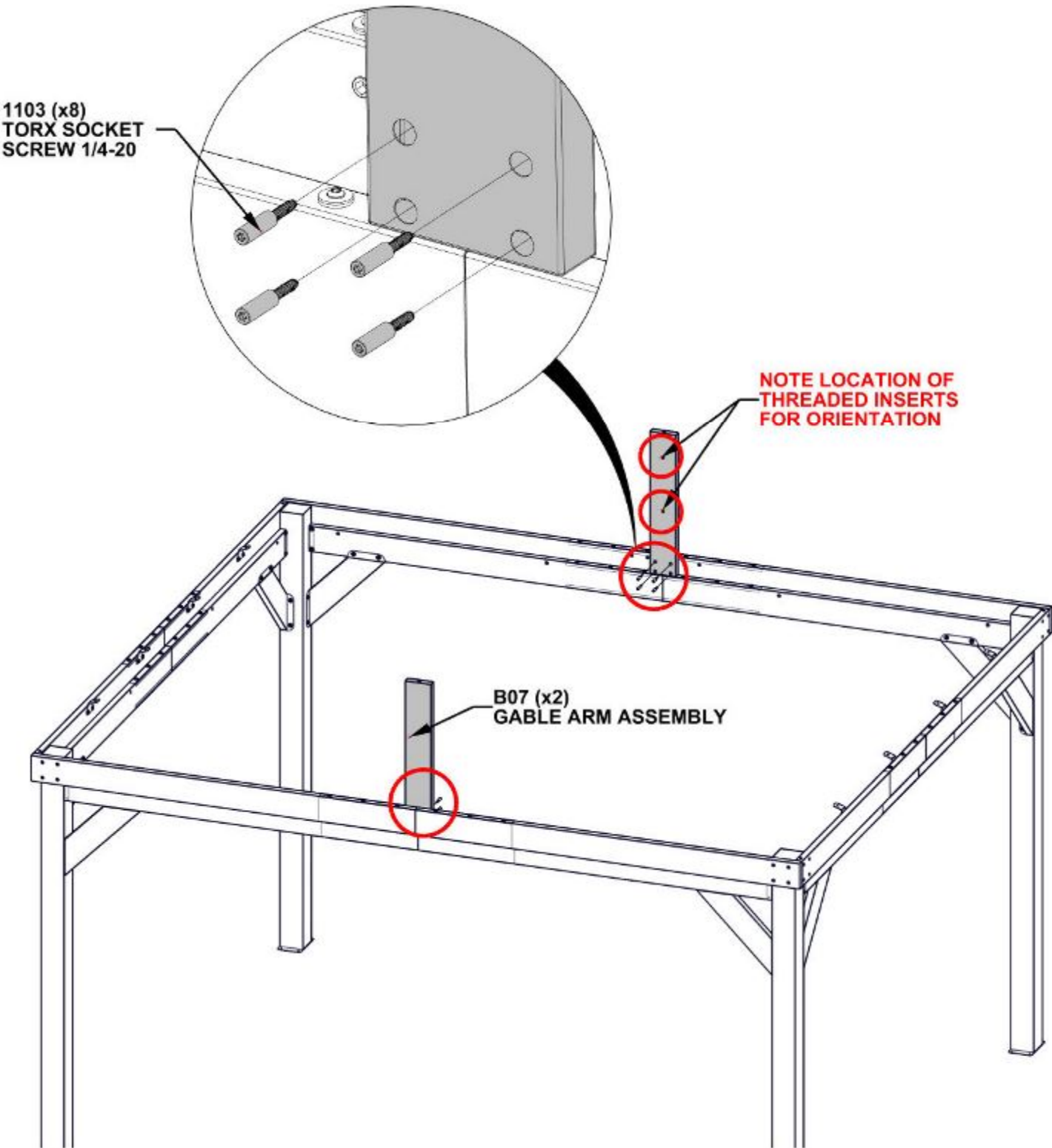


# STEP 22 - GABLE ASSEMBLY

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



B07 GABLE ARM ASSEMBLY - A4M03513  
(x2) 29 3/16"x5 1/4"x1 7/16" (36x134x741)





STEP 23A - RIDGE BEAM ASSEMBLY

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

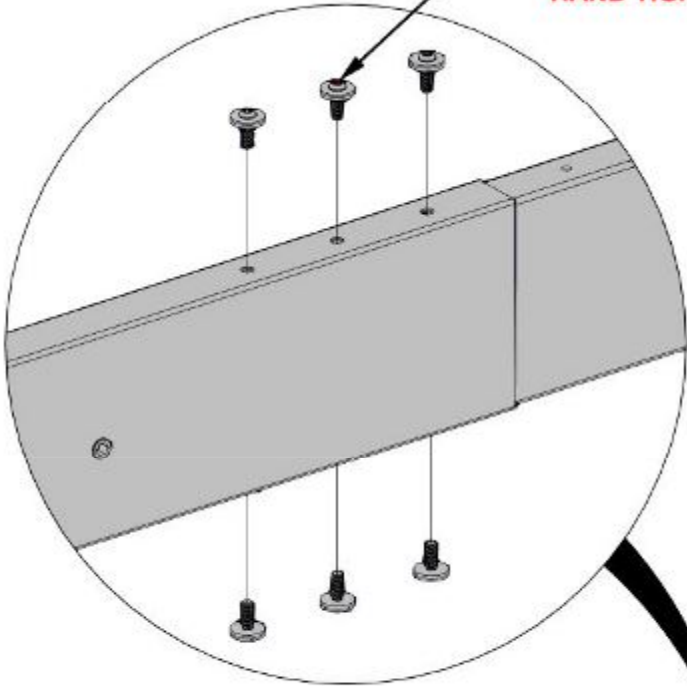


B11 RIDGE BEAM ASSEMBLY - A4M04801  
(x1) 1 7/16"X5 1/4"X96 13/16" (36x134x2459)



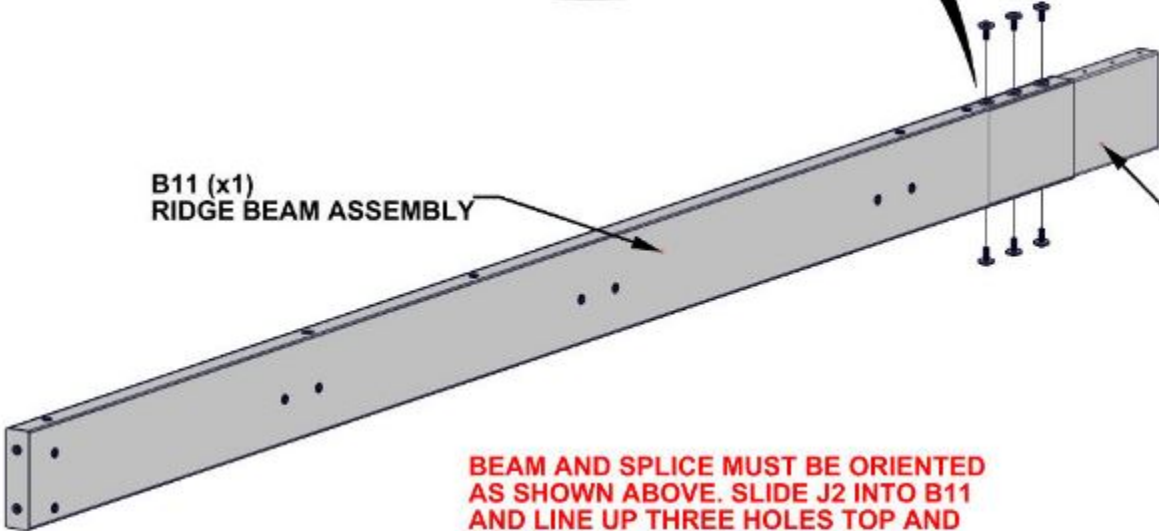
J2 SPLICE BRACKET - A4M01270-01  
(x1) 1 1/4"X5 1/8"X15 3/4" (33x131x400)

1202 (x6)  
TORX PAN HEAD 1/4-20x3/4 ASSY  
**HAND TIGHTEN ONLY**



B11 (x1)  
RIDGE BEAM ASSEMBLY

J2 (x1)  
SPLICE BRACKET



**BEAM AND SPLICE MUST BE ORIENTED  
AS SHOWN ABOVE. SLIDE J2 INTO B11  
AND LINE UP THREE HOLES TOP AND  
BOTTOM**

# STEP 23B - RIDGE BEAM ASSEMBLY

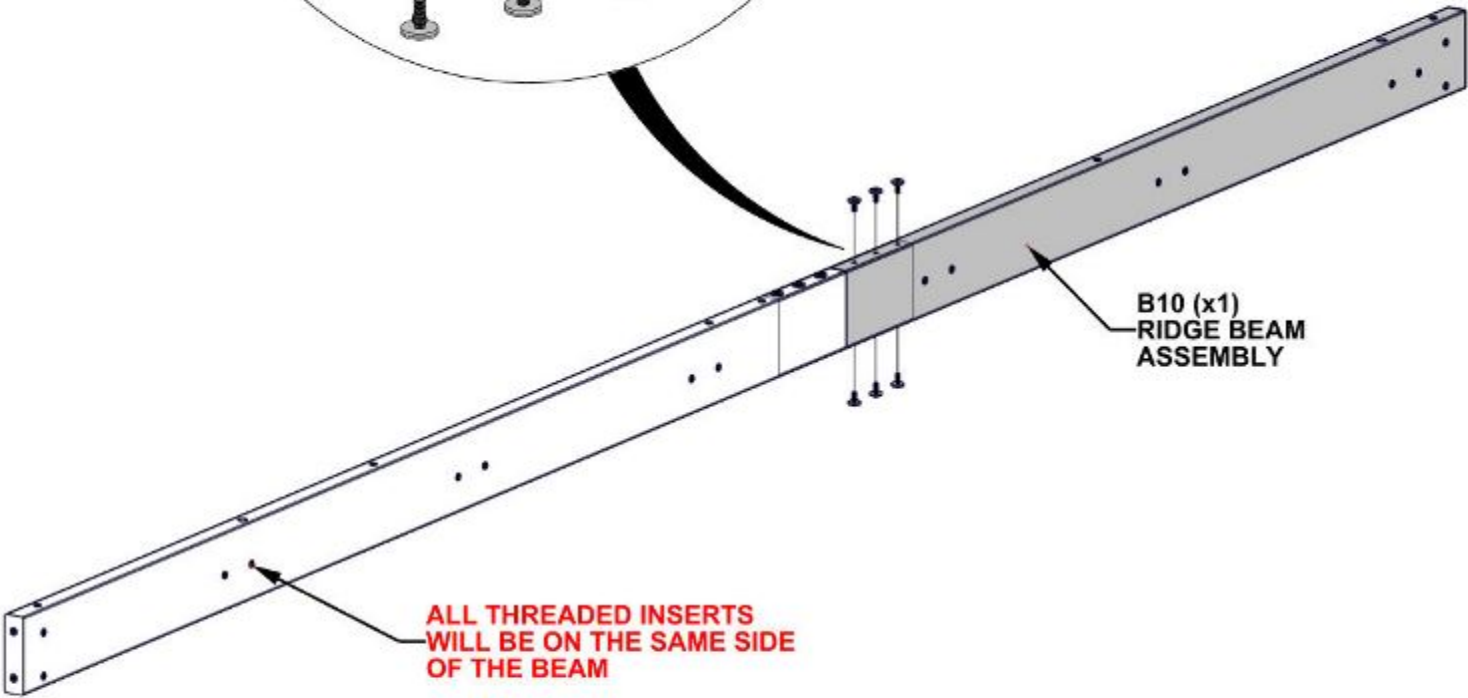
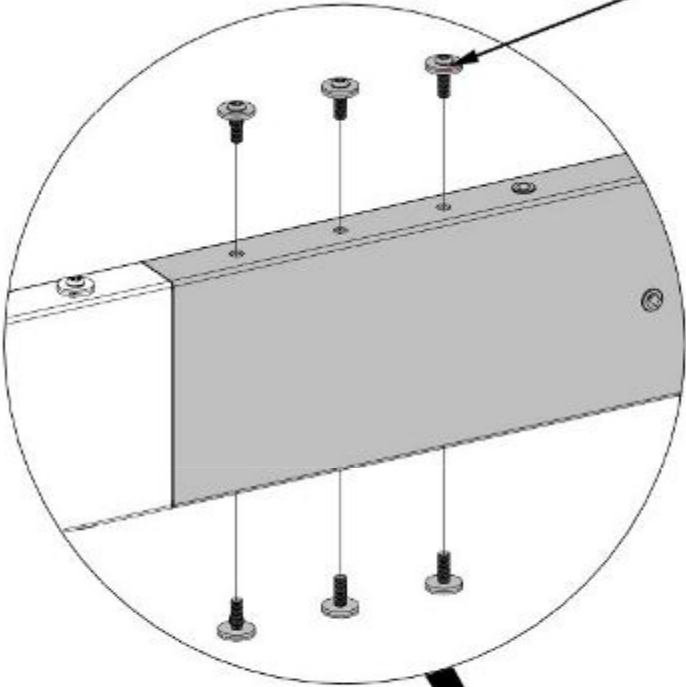
Qty	PartNo	Description
6	H101202	TORX PAN HEAD 1/4-20x3/4 ASSY



B10 RIDGE BEAM ASSEMBLY - A4M04800  
(x1) 1 7/16"X5 1/4"X72 13/16" (36x134x1850)

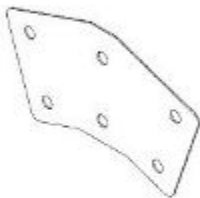
- SLIDE B10 ONTO SPLICE BRACKET.  
GENTLY TAP ENDS OF ASSEMBLY WITH  
RUBBER Mallet UNTIL GAP CLOSSES.

1202 (x6)  
TORX PAN HEAD 1/4-20x3/4 ASSY  
**TIGHTEN ALL HARDWARE**

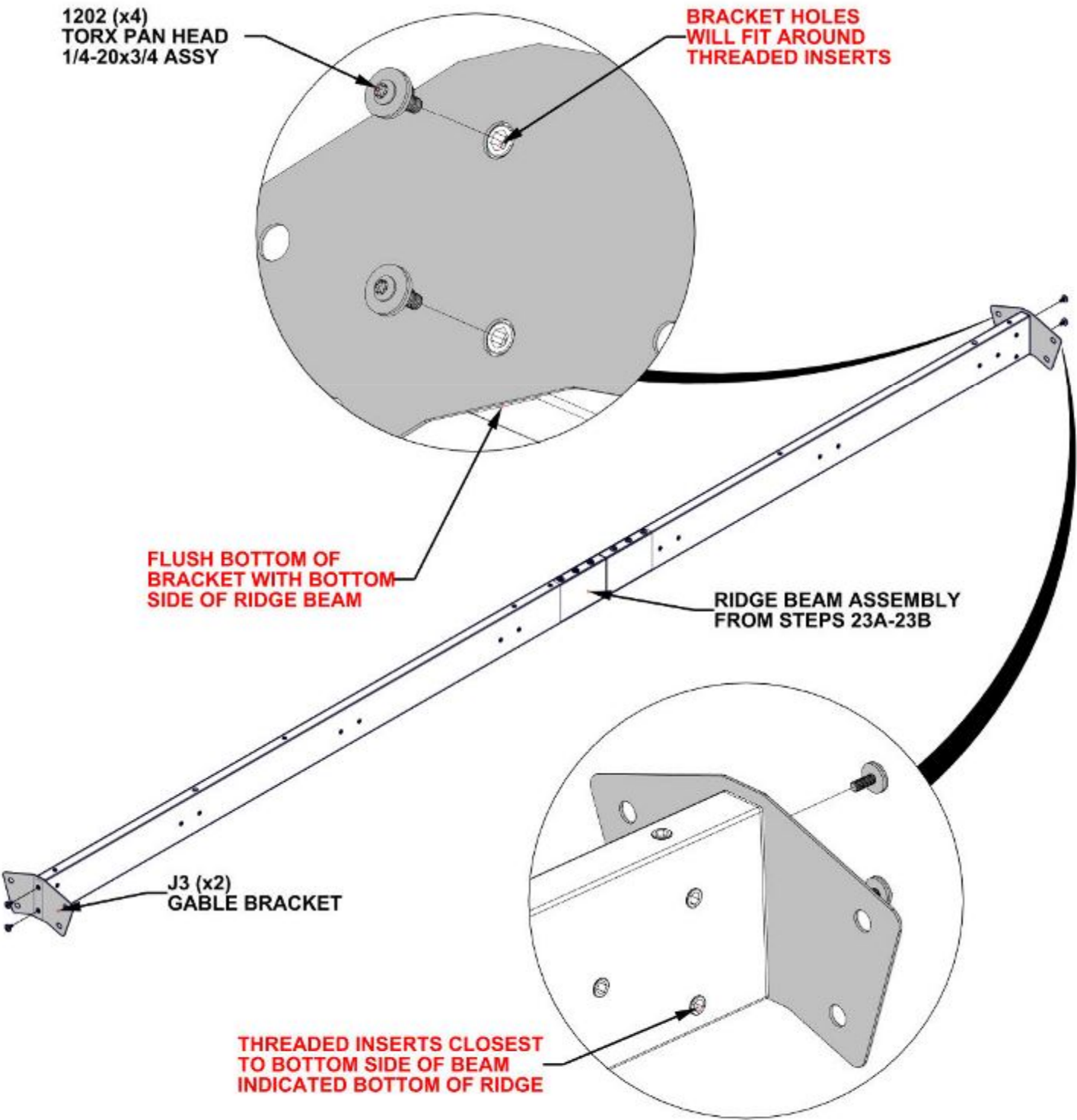


# STEP 24A - RIDGE BEAM ASSEMBLY

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



J3 GABLE BRACKET - A4M03805  
(x2) 11 1/8"x6 7/16"x1/16" (2x163x282)



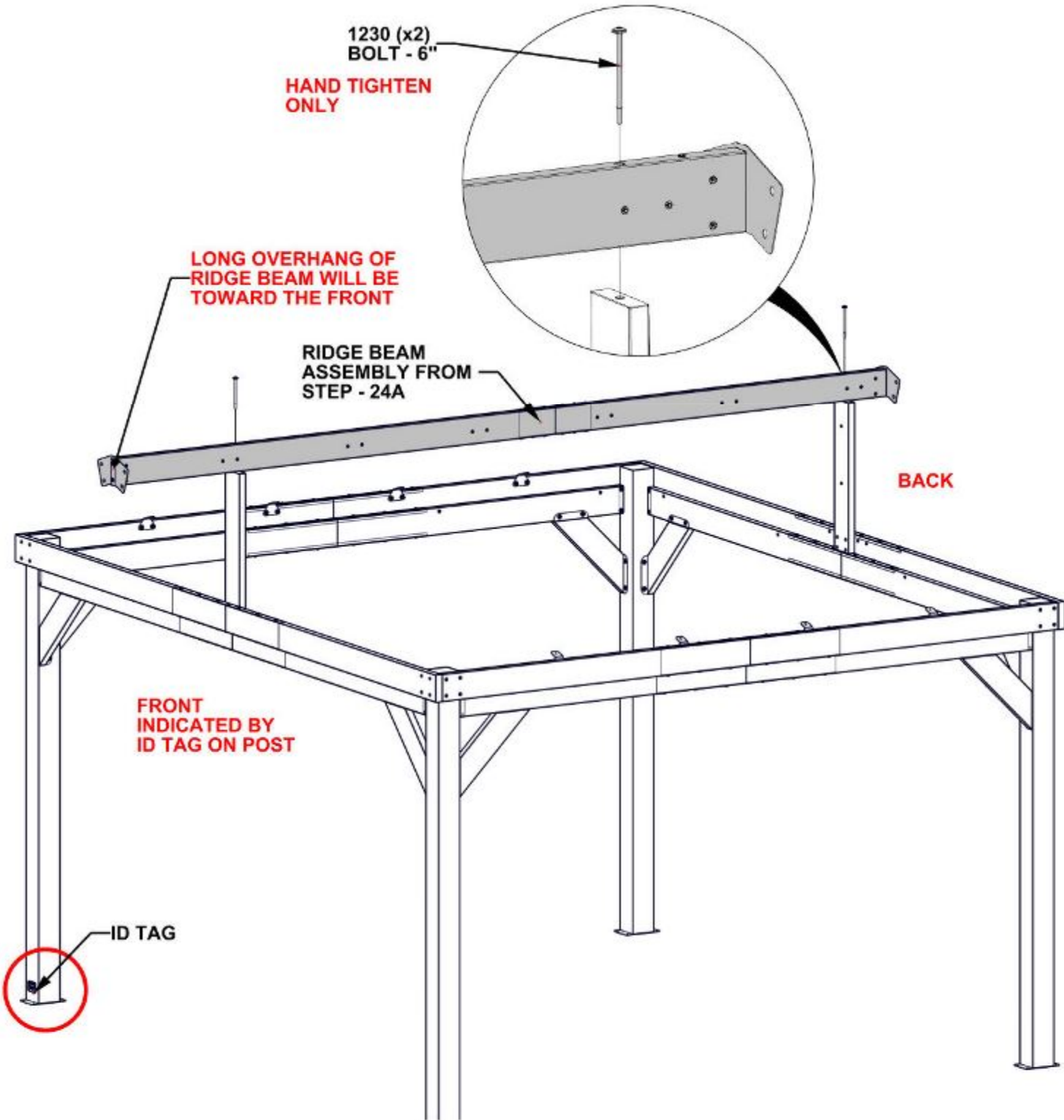
# STEP 24B - RIDGE ASSEMBLY

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



RIDGE BEAM ASSEMBLY FROM STEP - 24A

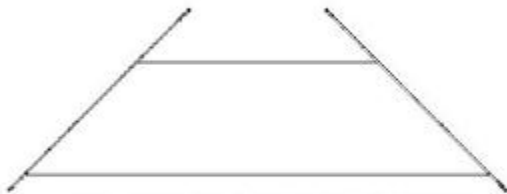
- WITH AT LEAST TWO PEOPLE, ATTACH RIDGE ASSEMBLY TO GABLE UPRIGHTS.





# STEP 25 - RIDGE ASSEMBLY

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

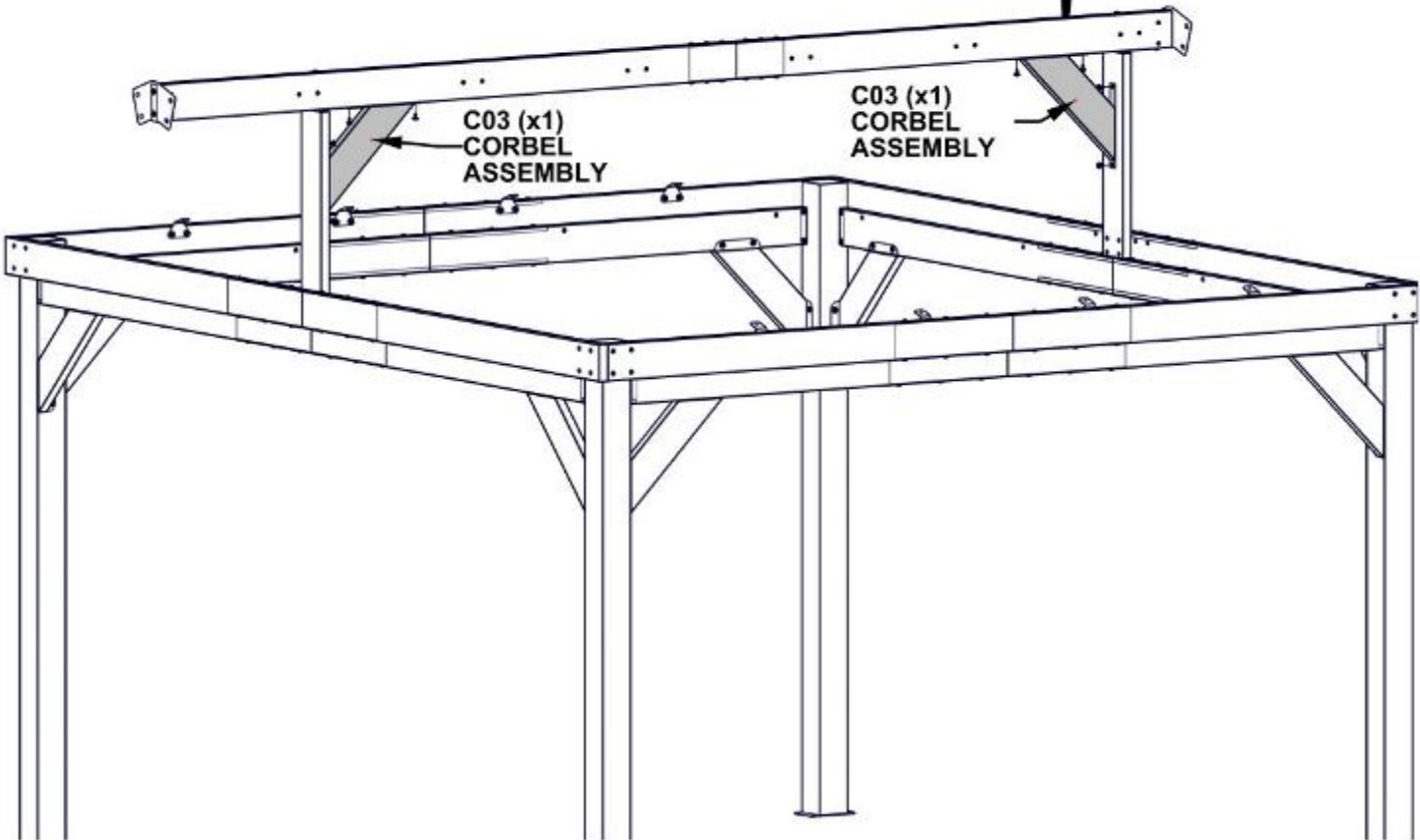
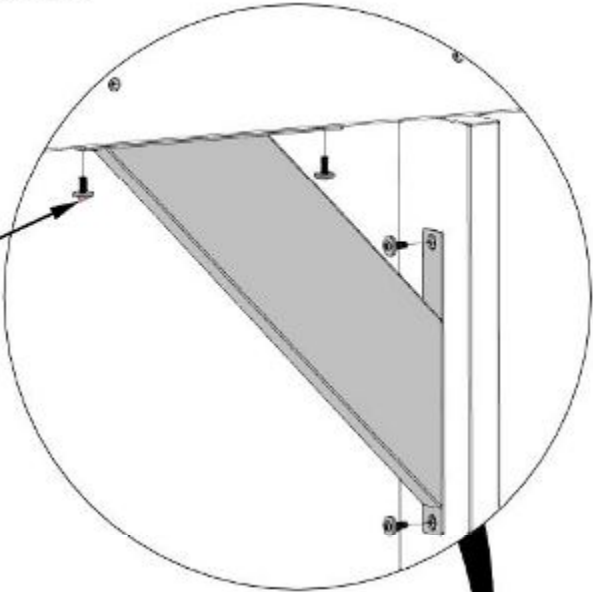


C03 CORBEL ASSEMBLY - A4M03527  
(x2) 23 3/8"x12"x1 7/16" (36x304x593)

- IT IS RECOMMENDED TO USE PROVIDED ANGLE DRIVER TO INSTALL HARDWARE IN THIS STEP.
- ATTACH CORBELS TO RIDGE BEAM AND GABLE ARMS.
- **SQUARE AS NEEDED BEFORE TIGHTENING ALL HARDWARE FROM PREVIOUS STEPS.**

1202 (x8)  
TORX PAN HEAD 1/4-20x3/4 ASSY  
**TIGHTEN ALL HARDWARE**

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

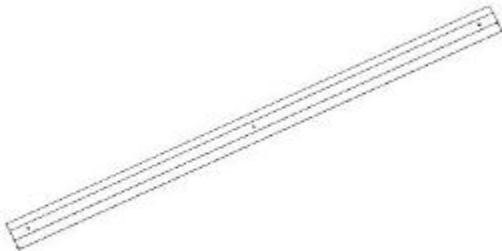


C03 (x1)  
CORBEL  
ASSEMBLY

C03 (x1)  
CORBEL  
ASSEMBLY

# STEP 26A - RIDGE ASSEMBLY

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

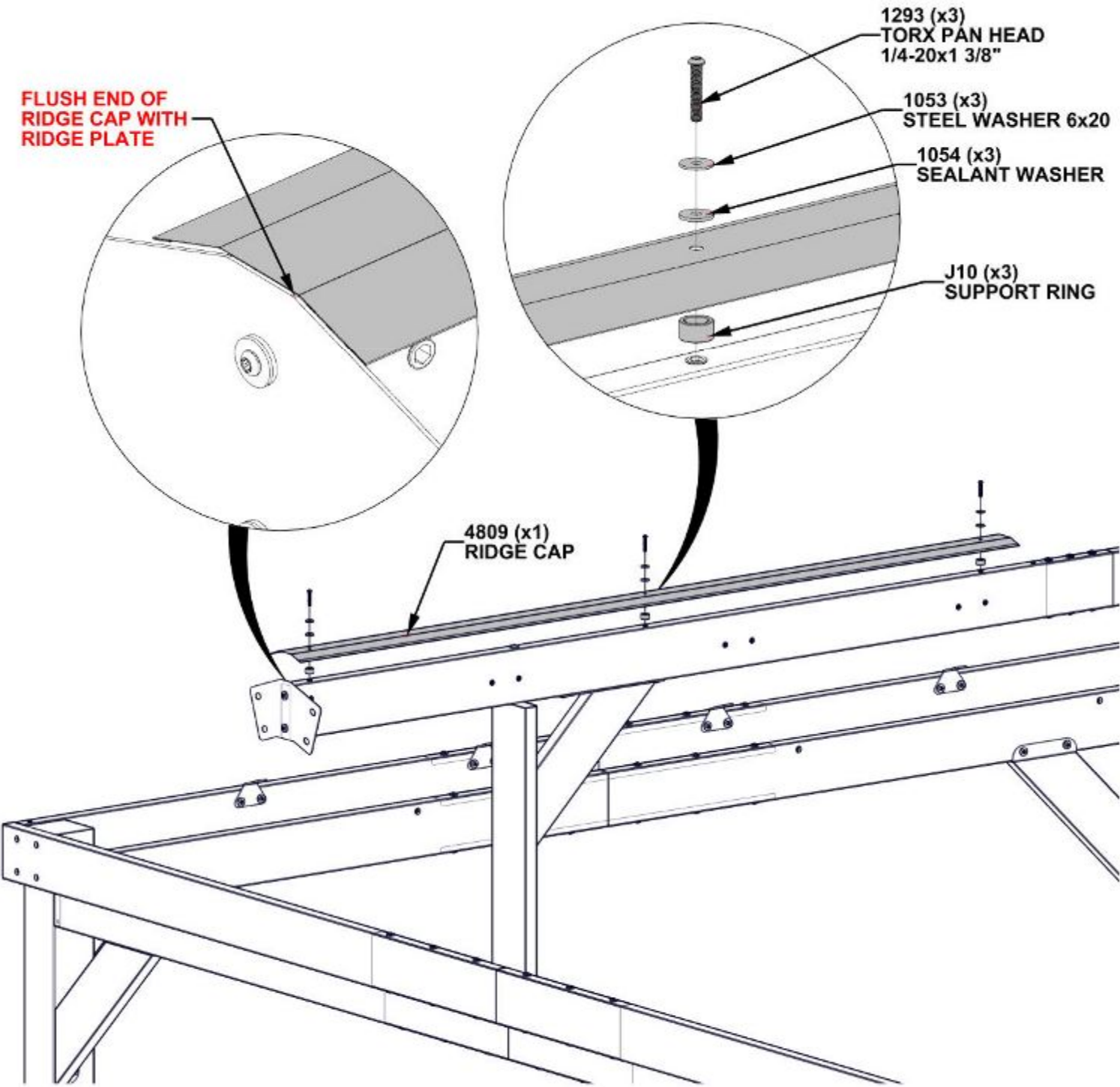


A4M04809 RIDGE CAP  
(x1)



J10 SUPPORT RING - A4M03808  
(x3) 13/16"x7/16" (11x20x)

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



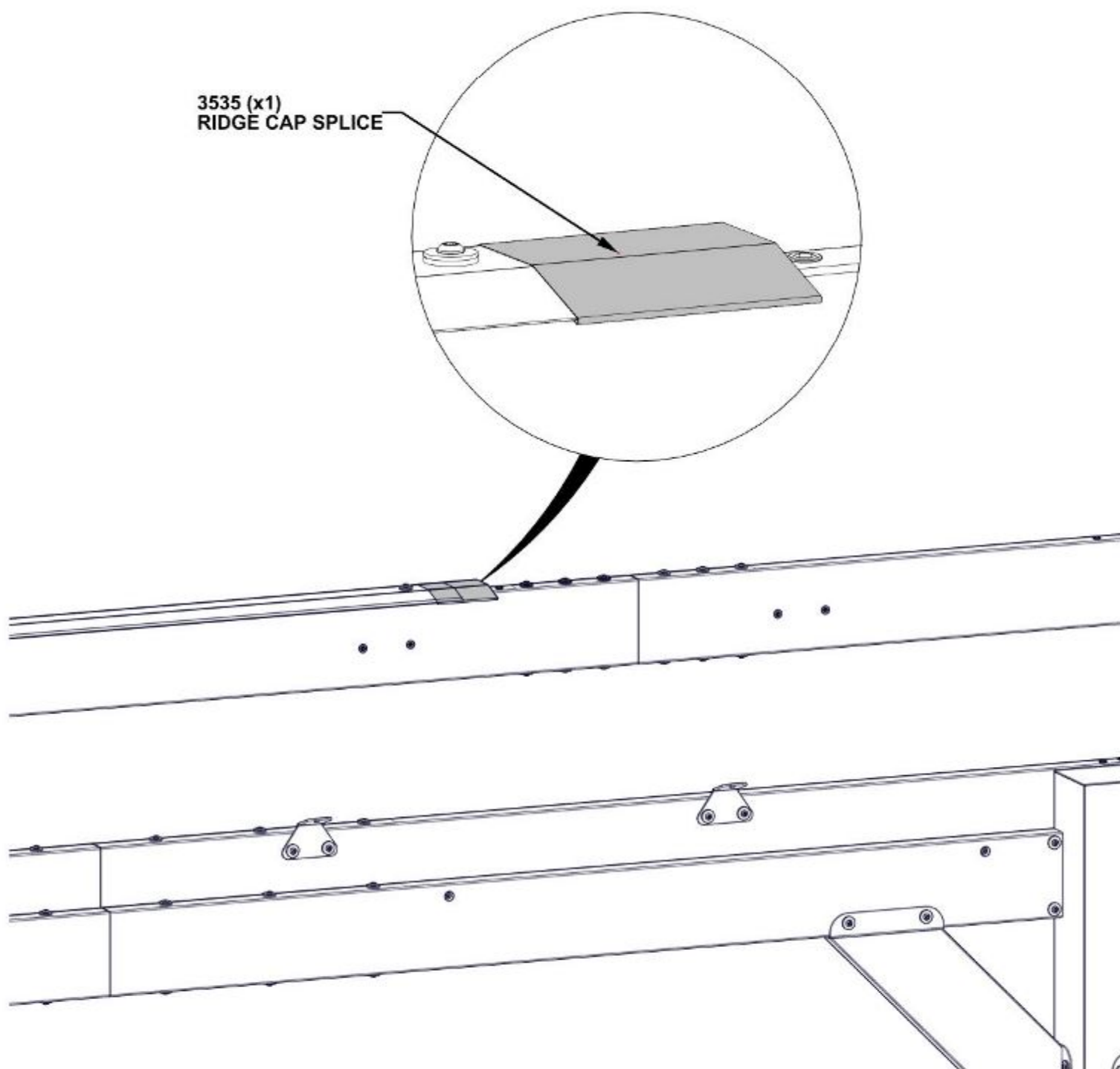


## STEP 26B - RIDGE ASSEMBLY



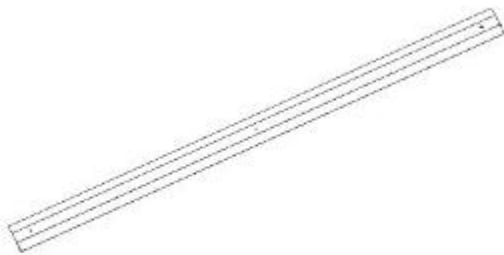
3535 RIDGE CAP SPLICE - A4M03535  
(x1) 3 15/16" x 4 13/16" x 5/8" (16x122x100)

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



# STEP 26C - RIDGE ASSEMBLY

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

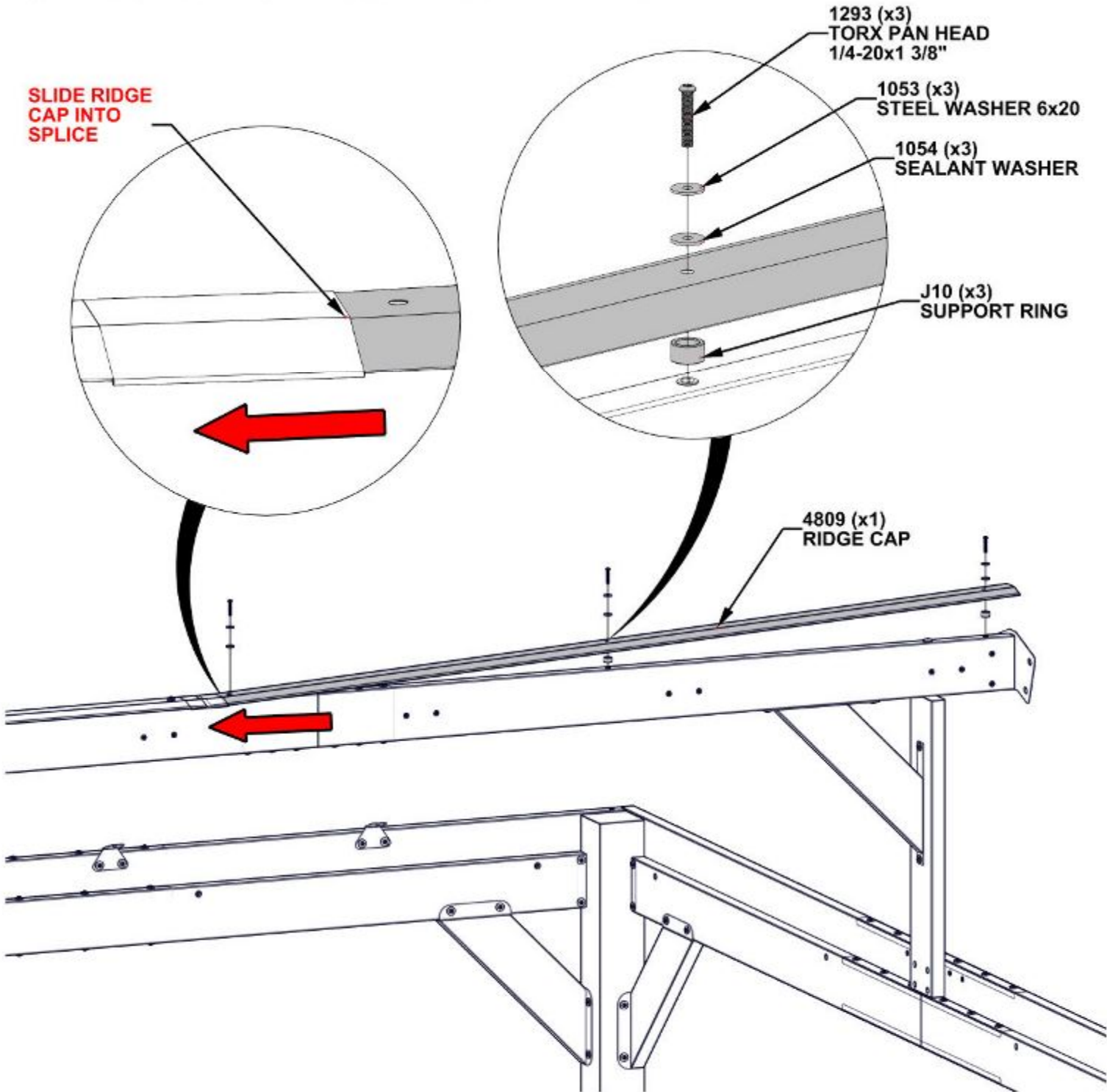


A4M04809 RIDGE CAP  
(x1)



J10 SUPPORT RING - A4M03808  
(x3) 13/16"x7/16" (11x20x)

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

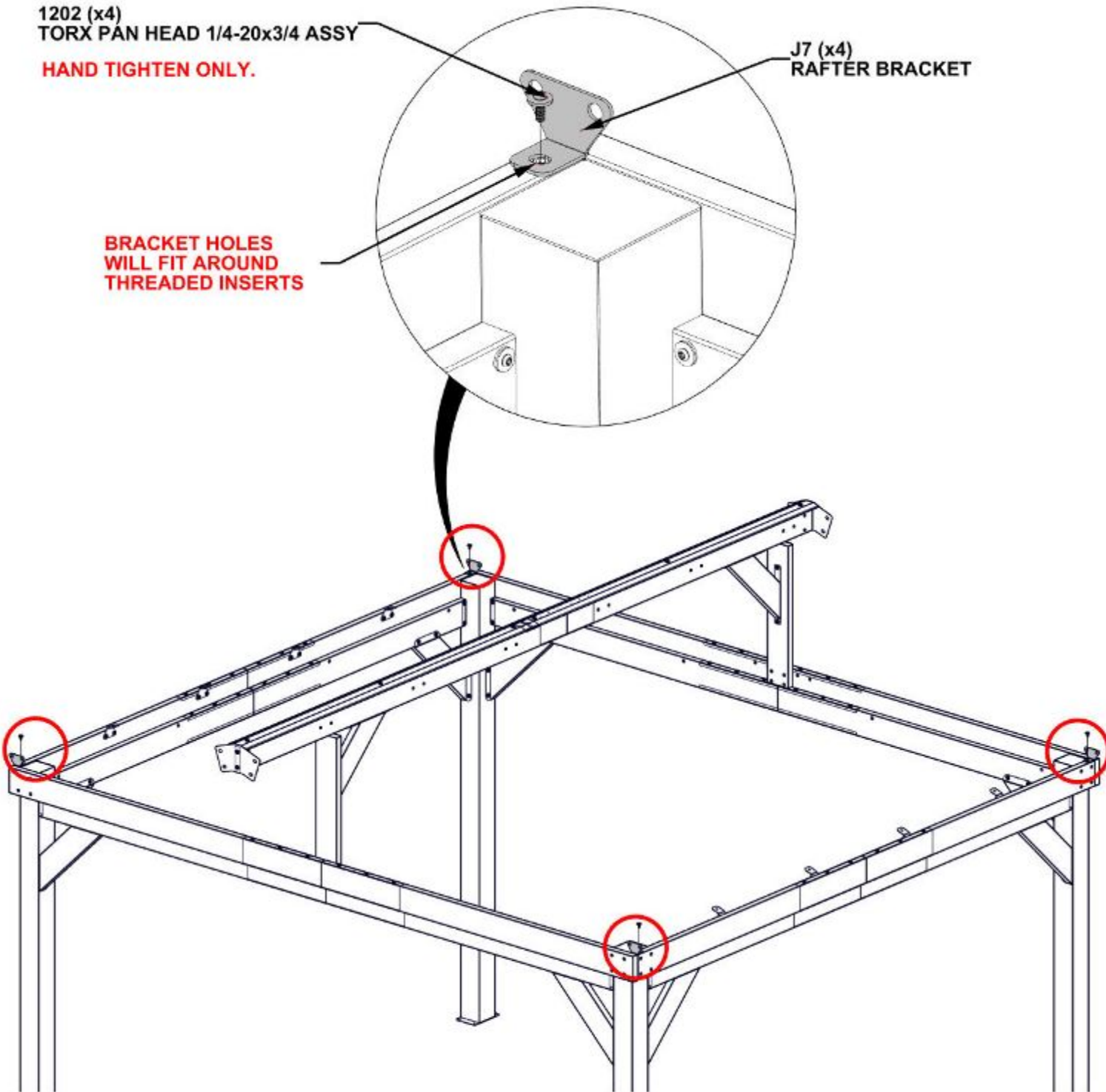


# STEP 27 - ROOF ASSEMBLY

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



J7 RAFTER BRACKET - A4M03802  
(x4) 3 5/8"x2 3/16"x2" (50x55x92)





# STEP 28 - ROOF ASSEMBLY

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

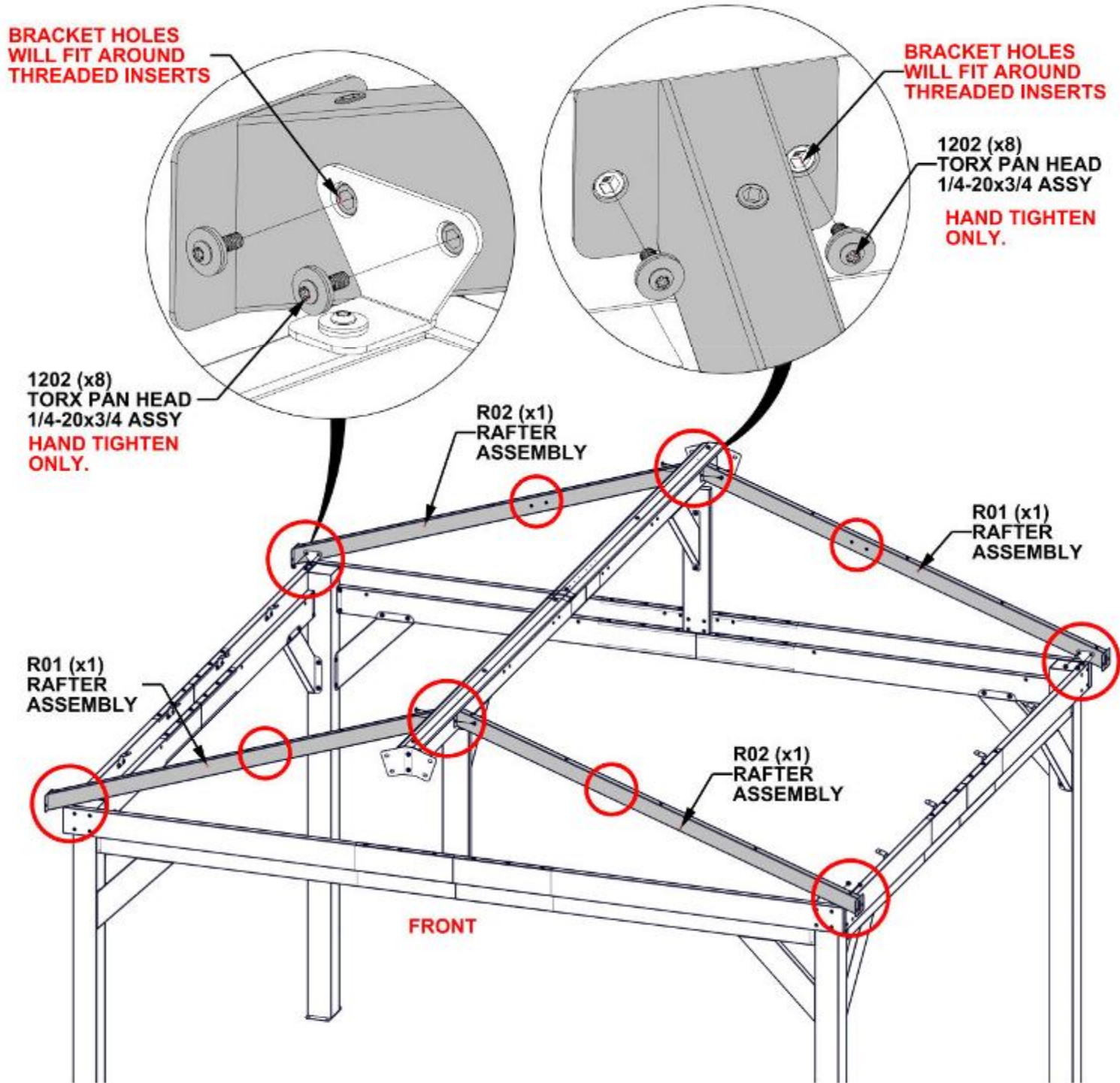


R01 RAFTER ASSEMBLY - A4M03522  
(x2) 86 3/8"x4 5/16"x3 1/8" (80x110x2194.6)



R02 RAFTER ASSEMBLY - A4M03523  
(x2) 86 3/8"x4 5/16"x3 1/8" (80x110x2194.6)

- INSERTS ON THE SIDE OF EACH RAFTER MUST FACE TOWARD THE INSIDE OF THE STRUCTURE AS SHOWN IN SMALL CIRCLES.
- ATTACH EACH RAFTER AT THE RIDGE AS SHOWN BELOW.
- ONCE SUPPORTED, ATTACH END OF RAFTER TO RAFTER BRACKETS AT TOP OF EACH POST.



STEP 29 - ROOF ASSEMBLY

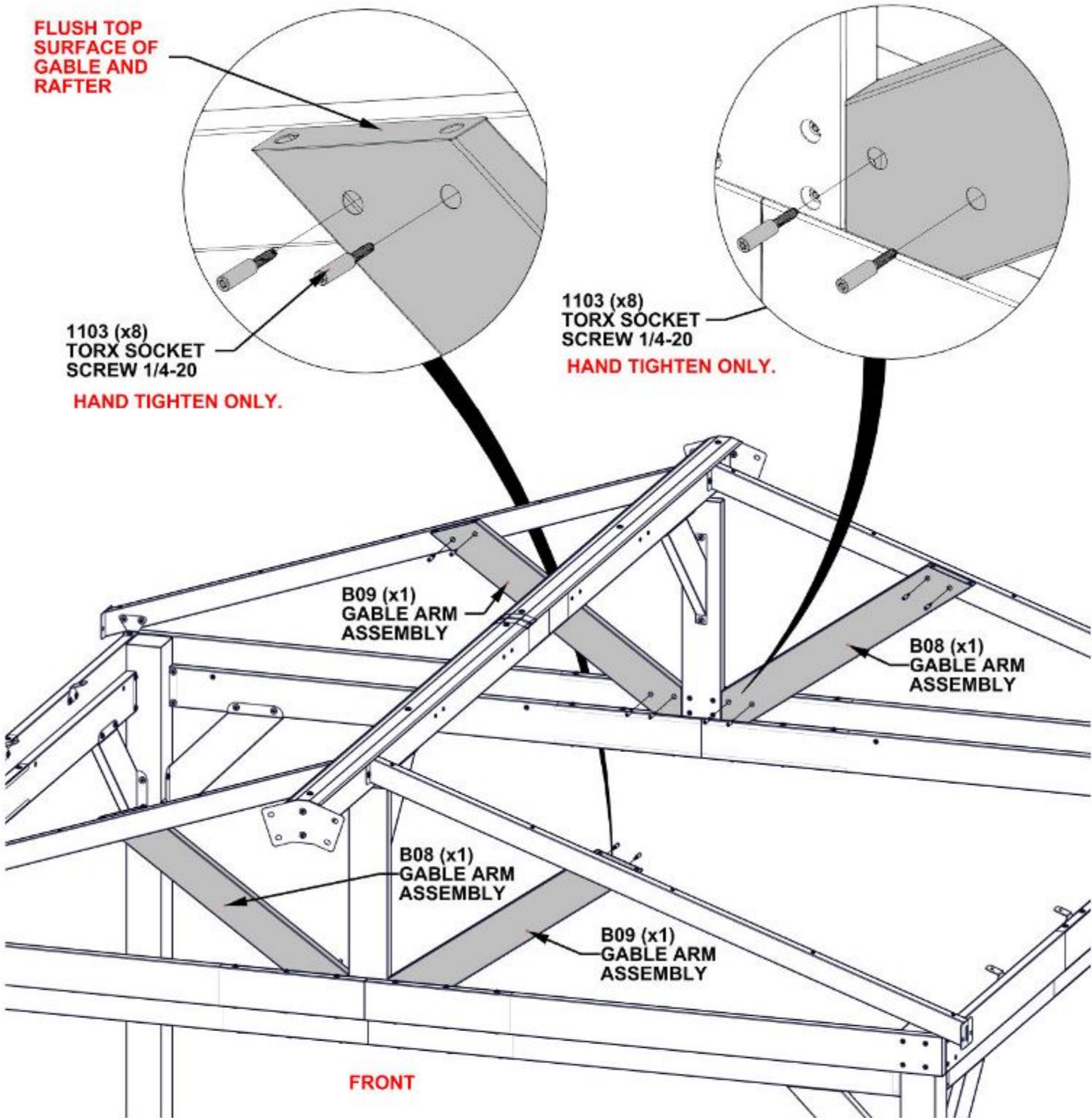
Qty	PartNo	Description
16	H101103	TORX SOCKET SCREW 1/4-20



B08 GABLE ARM ASSEMBLY - A4M03514  
(x2) 40 1/16"x5 1/4"x1 7/16" (36x134x1017)



B09 GABLE ARM ASSEMBLY - A4M03515  
(x2) 40 1/16"x5 1/4"x1 7/16" (36x134x1017)





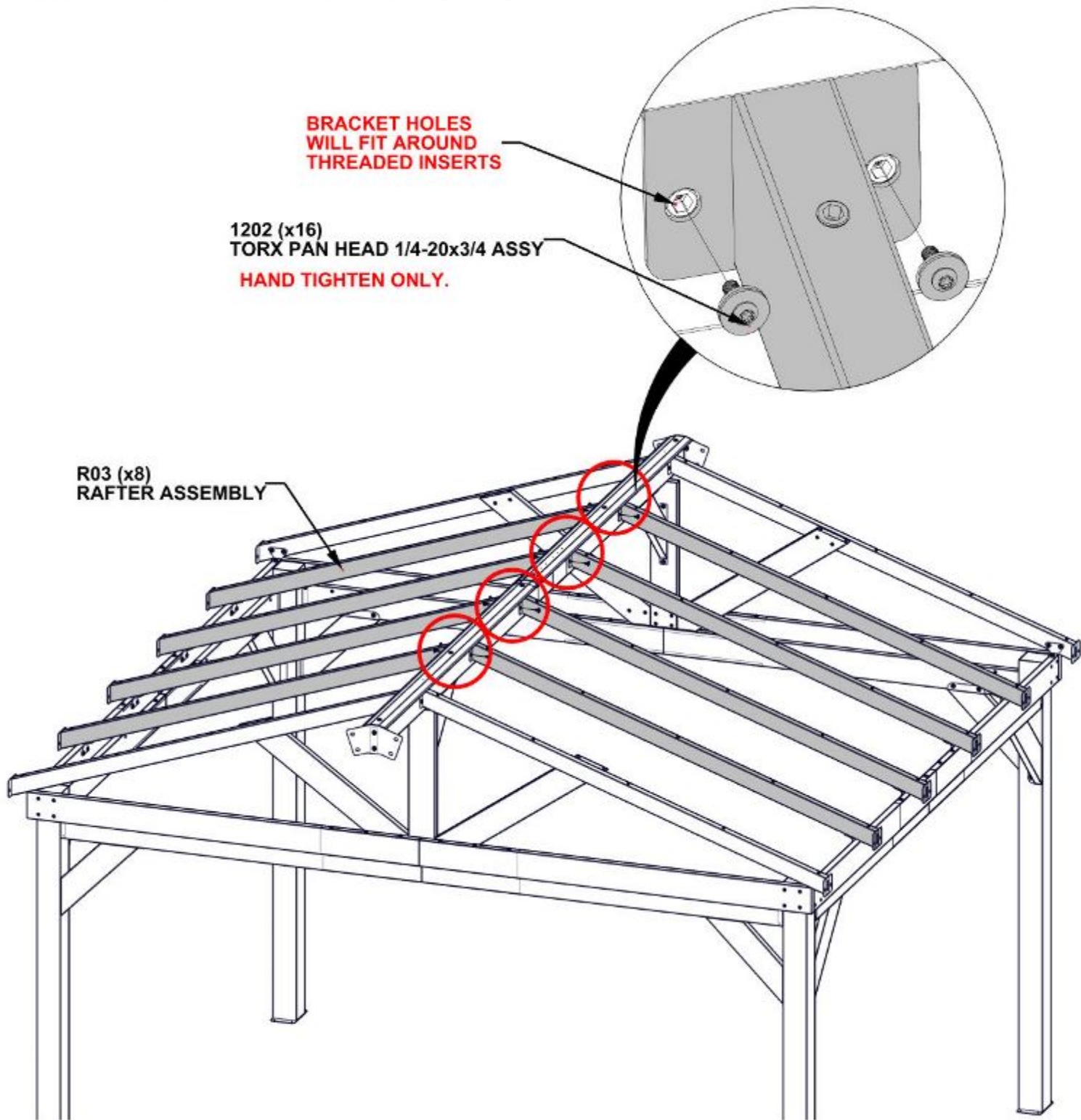
# STEP 30A - ROOF ASSEMBLY

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



R03 RAFTER ASSEMBLY - A4M03524  
(x8) 86 3/8"x4 5/16"x3 1/8" (80x110x219.6)

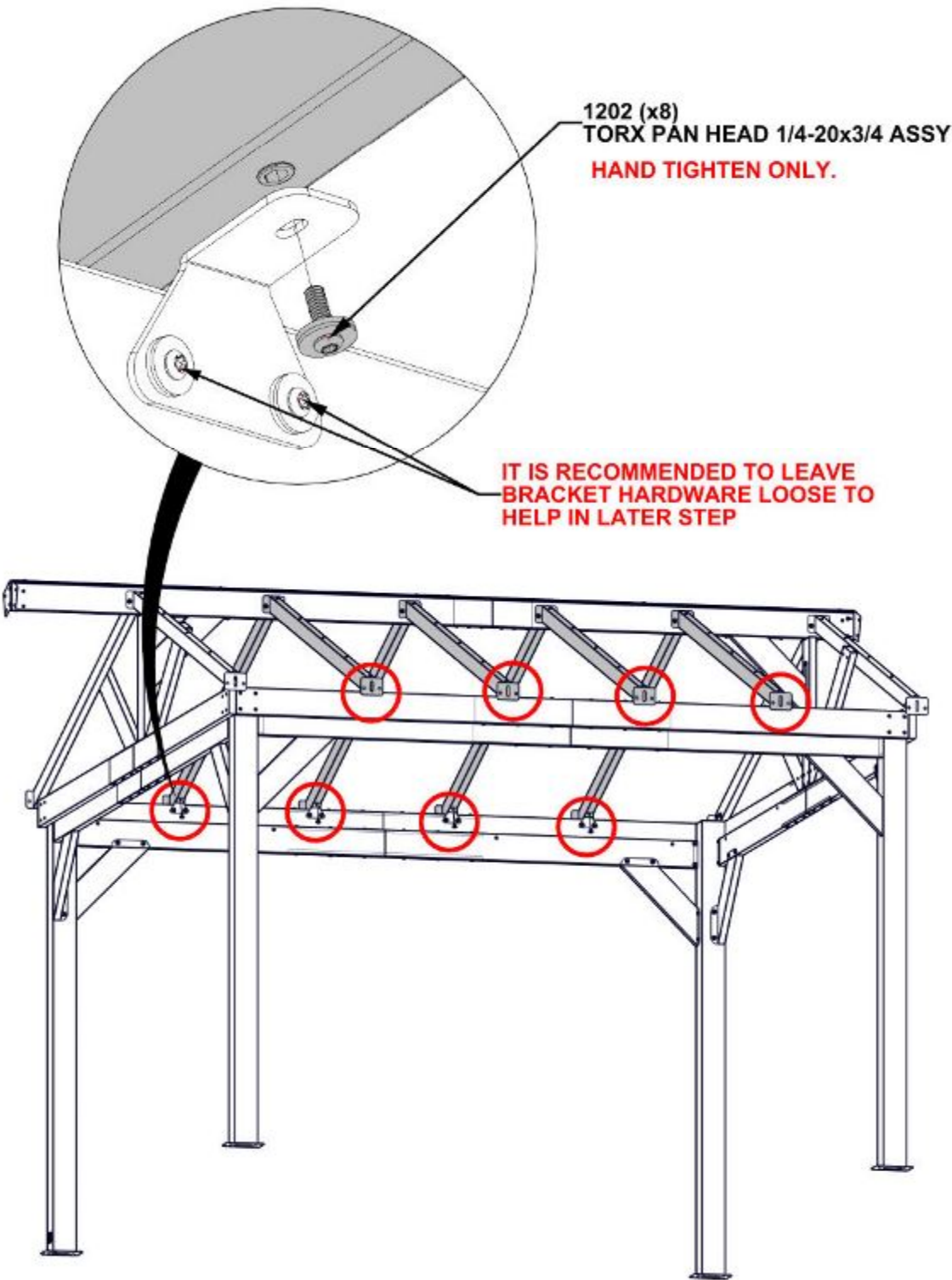
- ATTACH EACH RAFTER AT THE RIDGE AS SHOWN BELOW.



# STEP 30B - ROOF ASSEMBLY

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

- ATTACH END OF EACH RAFTER TO BRACKETS ALONG SIDE BEAMS.



# STEP 31A - ROOF ASSEMBLY

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



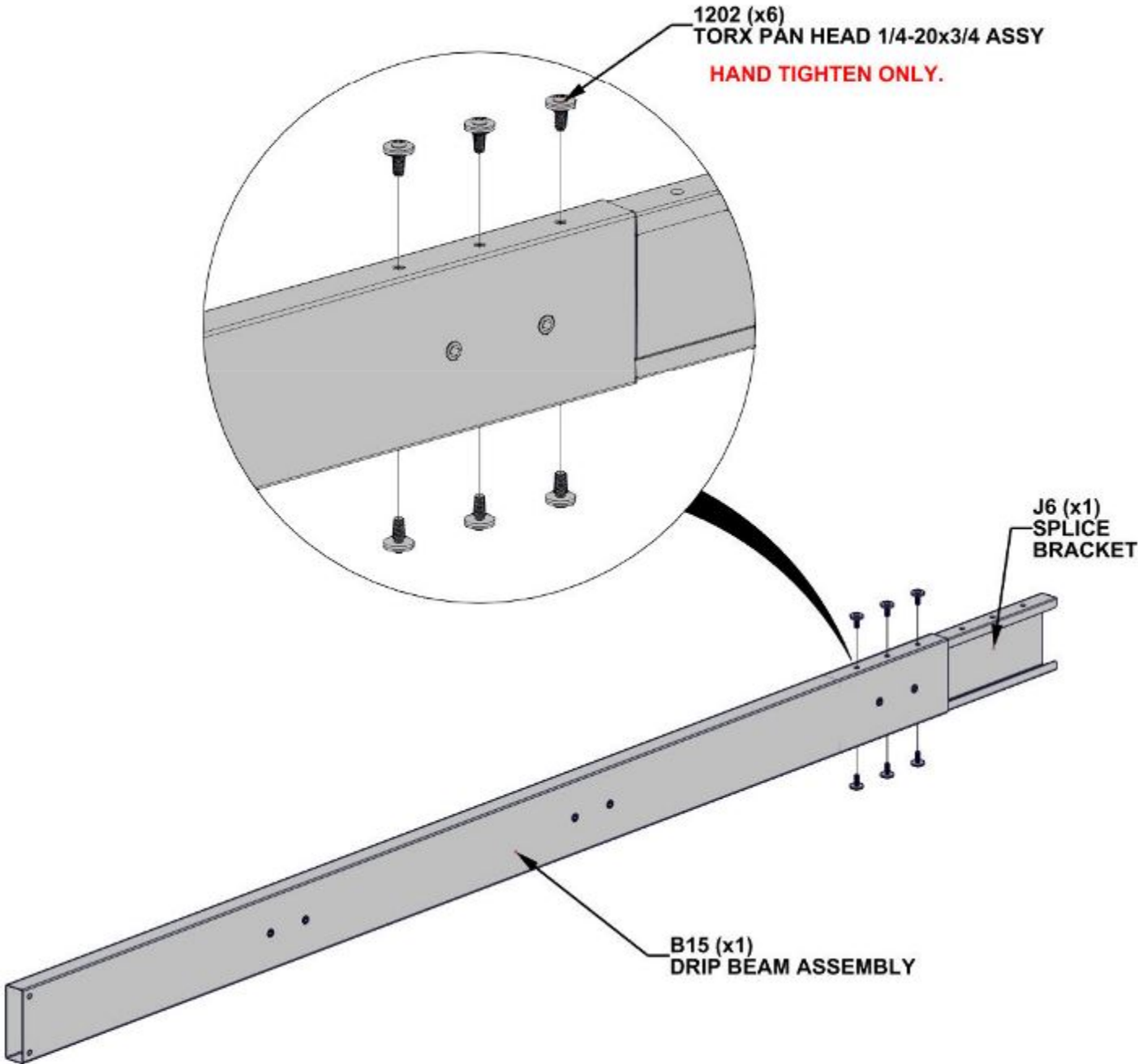
B15 DRIP BEAM ASSEMBLY - A4M04803  
(x2) 1 7/16"x4 13/16"x83 3/8" (36x122x2118.50)



J6 SPLICE BRACKET - A4M03806  
(x2) 19 11/16"x4 11/16"x32.5 (32.5x118.5x500)

- BEAM AND SPLICE MUST BE ORIENTED AS SHOWN BELOW. SLIDE J6 INTO B15  
AND LINE UP THREE HOLES TOP AND BOTTOM

- REPEAT THIS STEP TWICE



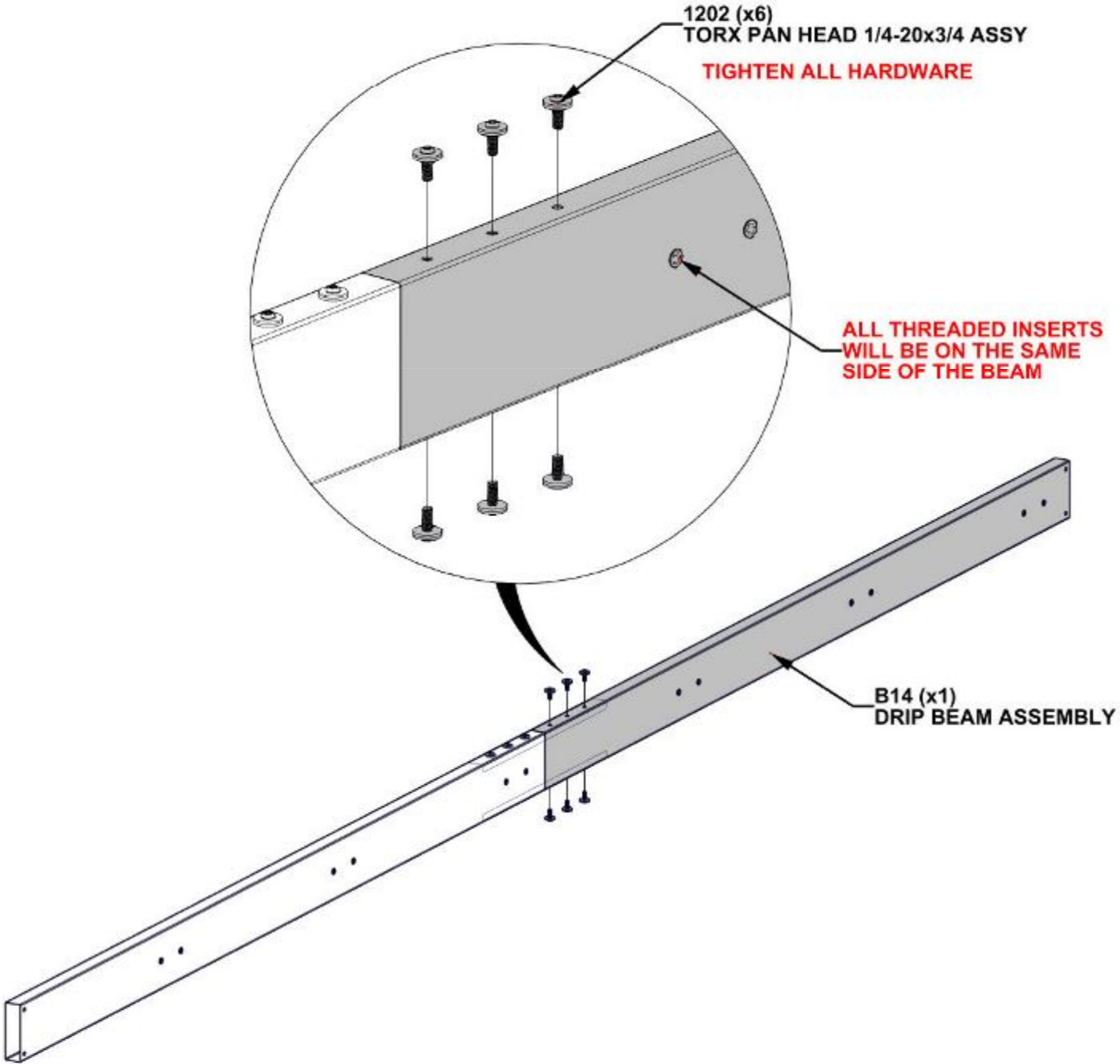
# STEP 31B - ROOF ASSEMBLY

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



B14 DRIP BEAM ASSEMBLY - A4M04802  
(x2) 1 7/16"X4 13/16"X83 3/8" (36x122x2118.50)

- SLIDE B14 ONTO SPLICE BRACKET.  
GENTLY TAP ENDS OF ASSEMBLY WITH  
RUBBER Mallet UNTIL GAP CLOSES.
- REPEAT THIS STEP TWICE





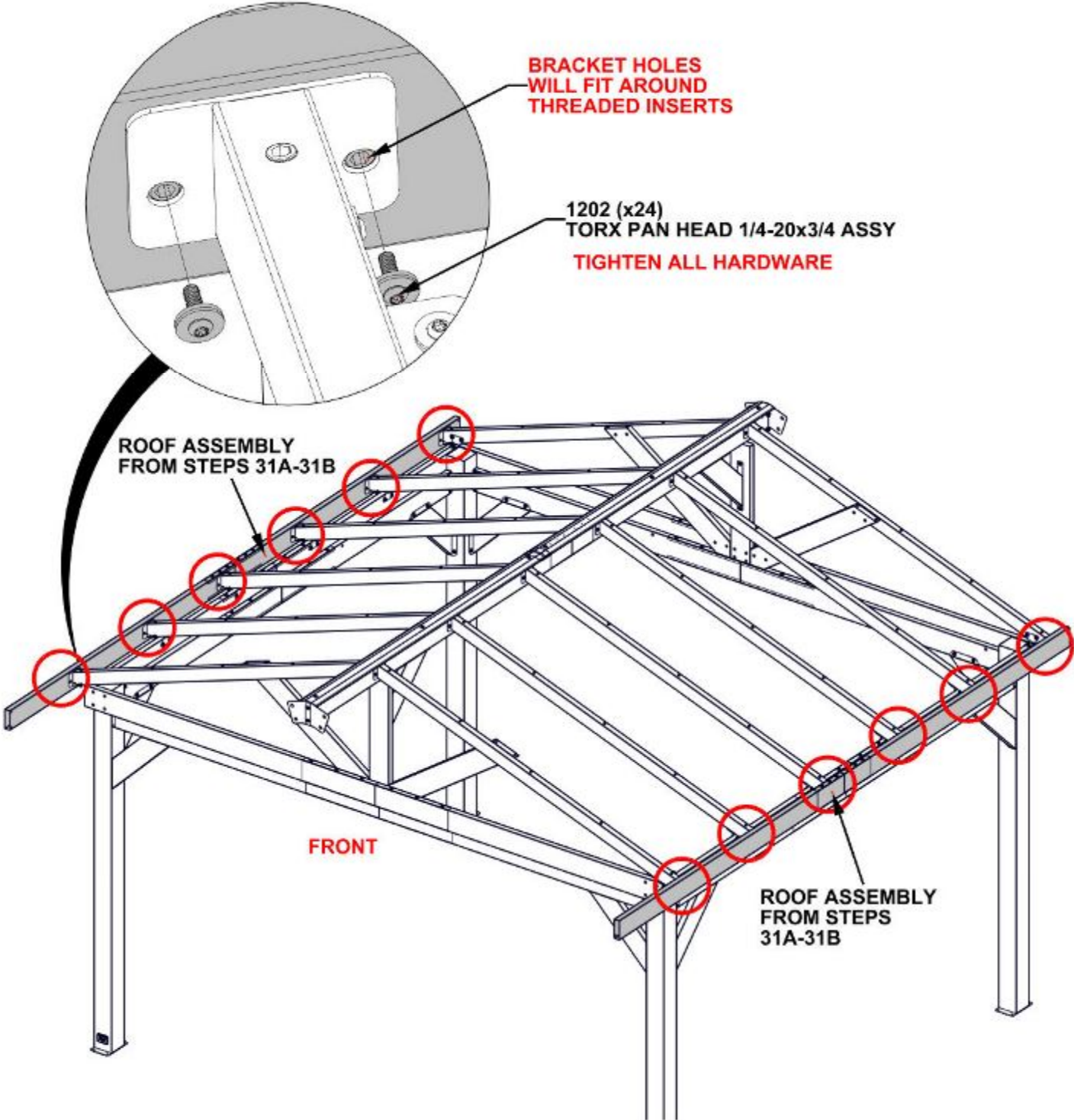
# STEP 31C - ROOF ASSEMBLY

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



ROOF ASSEMBLY FROM STEPS 31A-31B

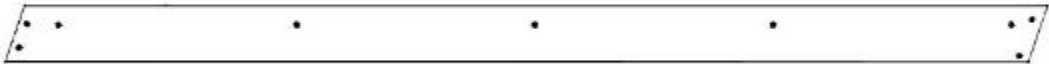
- WITH AT LEAST TWO ADDITIONAL PEOPLE, ATTACH BEAM ASSEMBLY TO RAFTER ENDS.
- BEAM ASSEMBLY MUST BE ORIENTED AS SHOWN BELOW WITH LONG OVERHANG TOWARD THE FRONT





# STEP 32 - ROOF ASSEMBLY

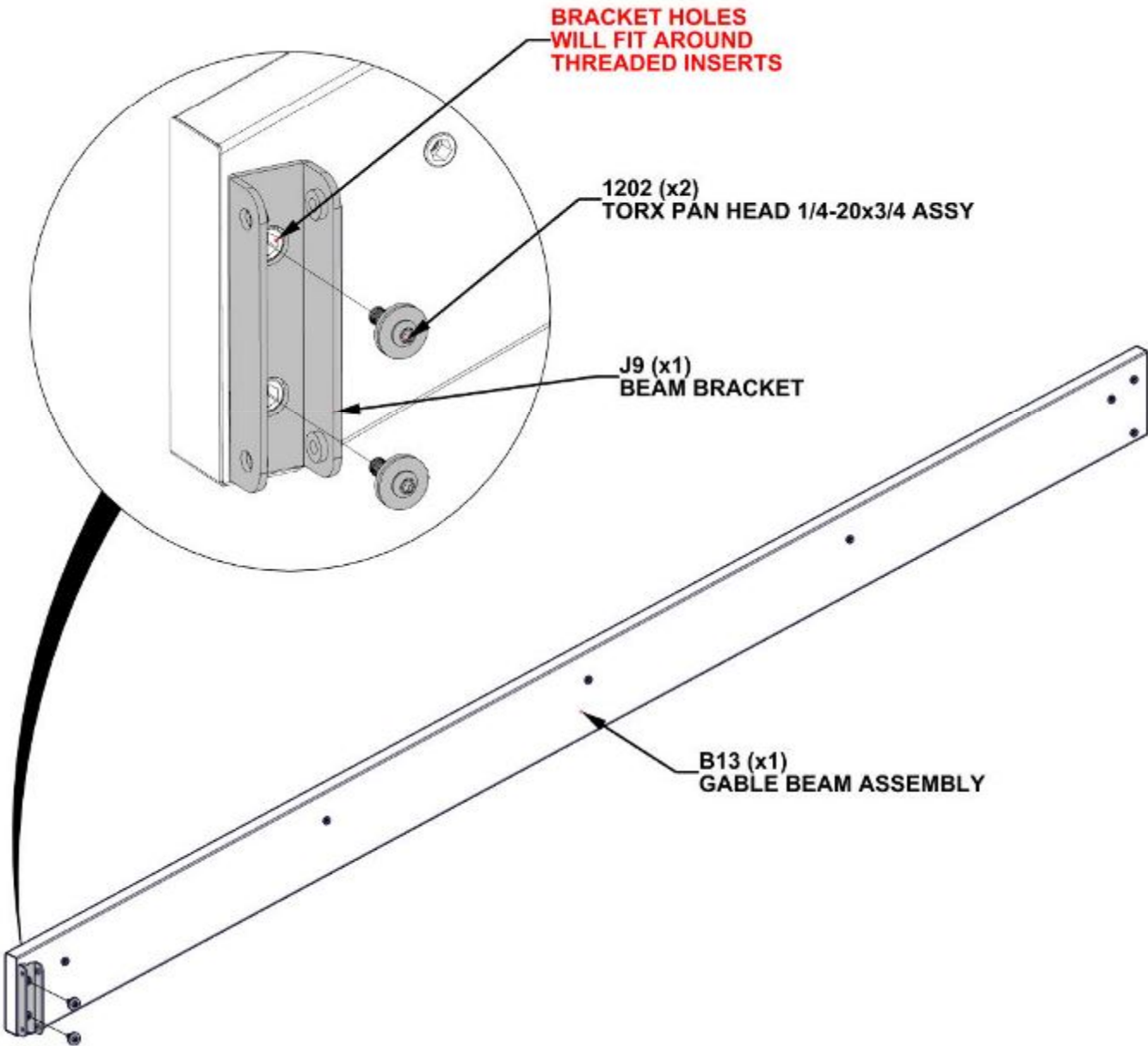
Qty	PartNo	Description
4	H101202	TORX PAN HEAD 1/4-20x3/4 ASSY



B13 GABLE BEAM ASSEMBLY - A4M03519  
(x2) 88 13/16"x5 1/4"x1 7/16" (36x134x2255)

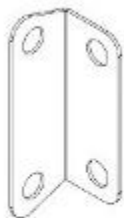
J9 BEAM BRACKET - A4M03807  
(x2) 5 9/16"x1 5/16"x4 9/16" (140.57x33.20x116)

- REPEAT THIS STEP TWICE



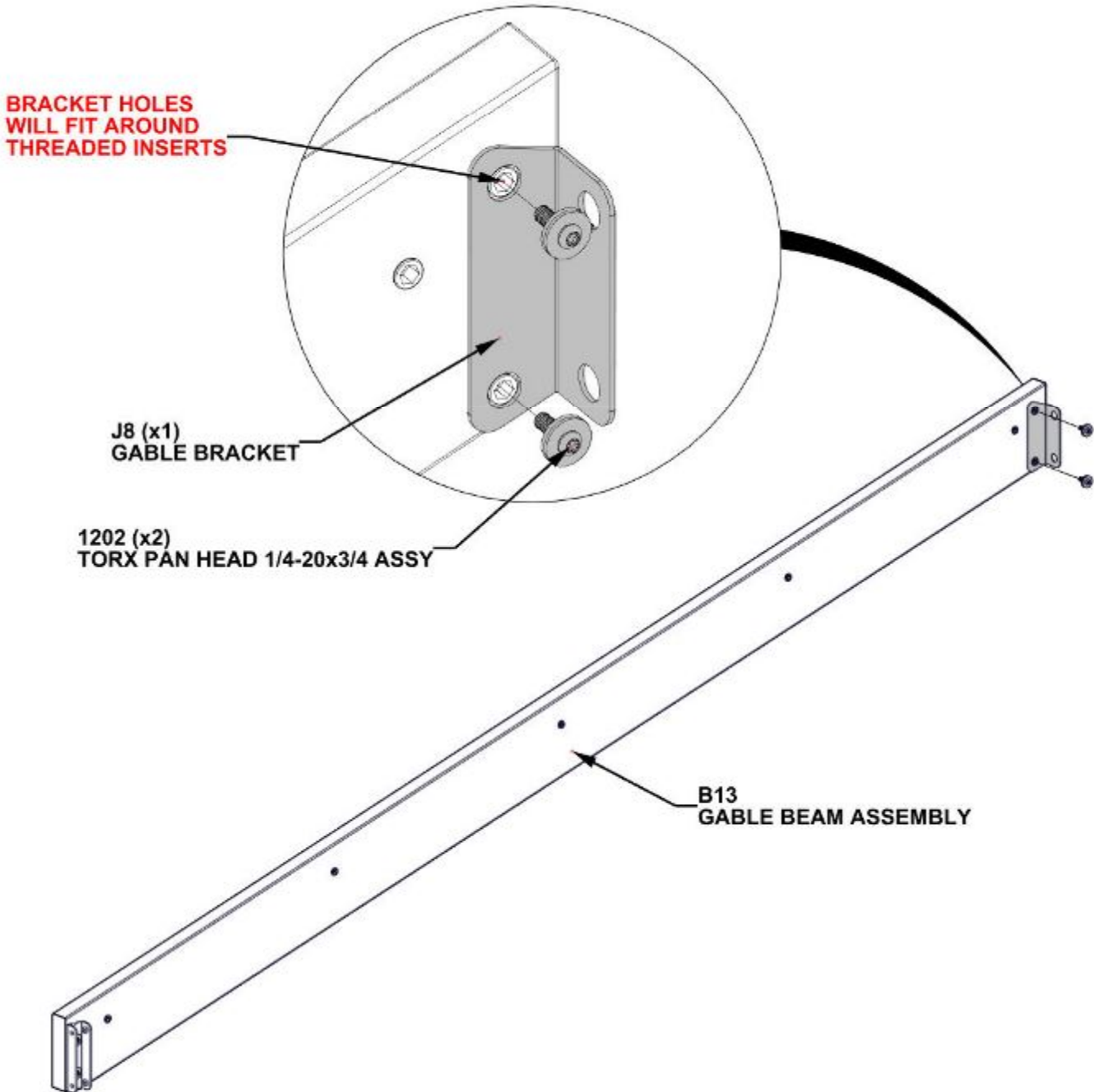
# STEP 33 - ROOF ASSEMBLY

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



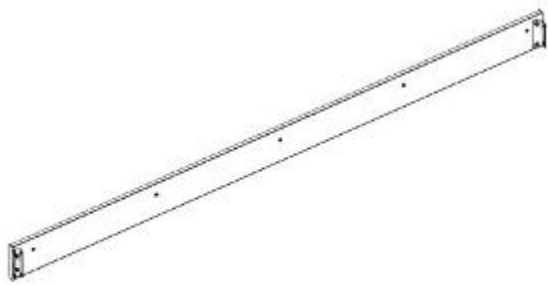
J8 GABLE BRACKET - A4M03804  
(x2) 4 13/16"x1 9/16"x1 9/16" (40x40x123)

- REPEAT THIS STEP TWICE



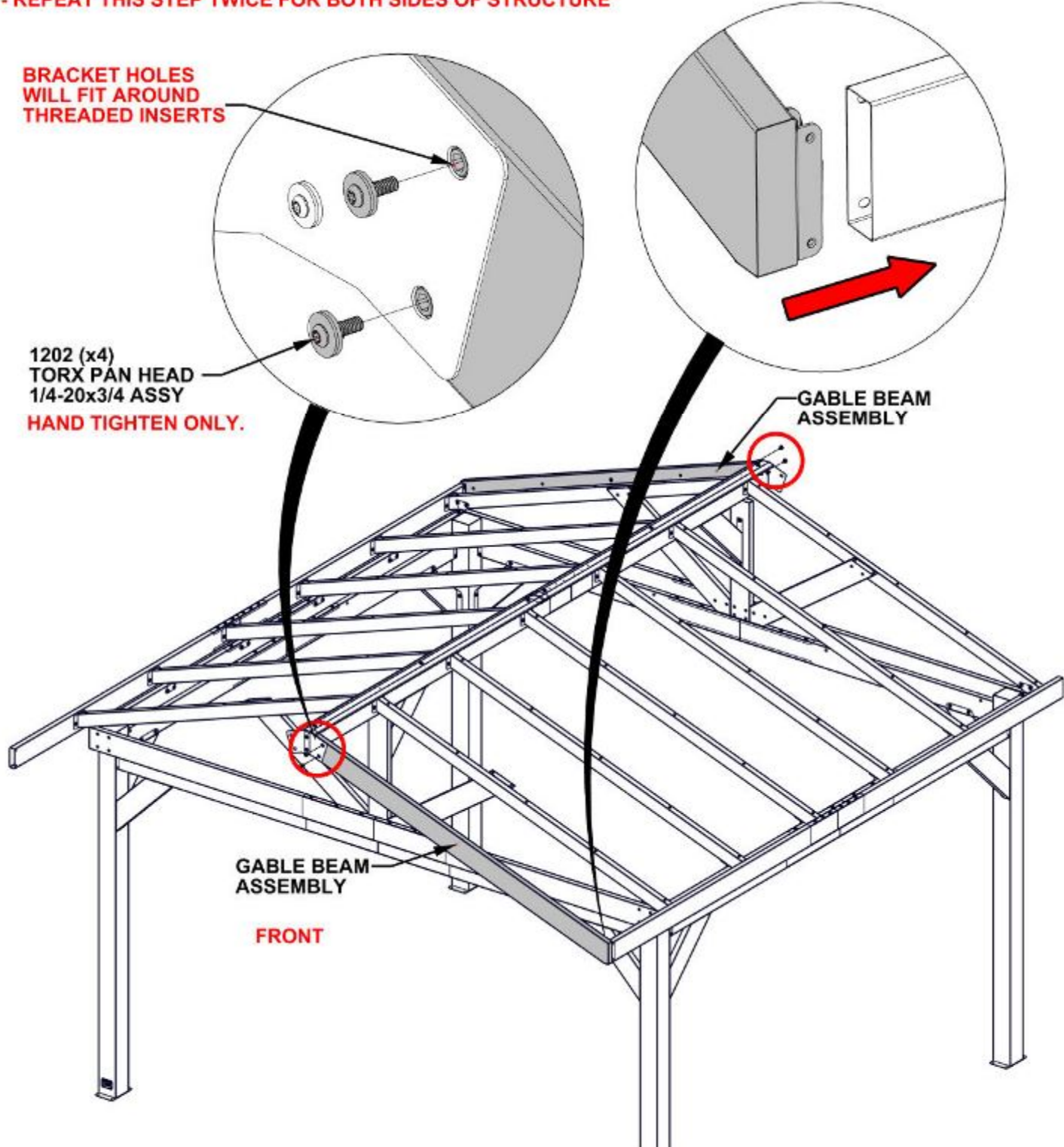
# STEP 34A - ROOF ASSEMBLY

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



ROOF ASSEMBLY FROM STEPS 32 - 33

- WITH AT LEAST TWO ADDITIONAL PEOPLE, ATTACH GABLE BEAM ASSEMBLY.
- REPEAT THIS STEP TWICE FOR BOTH SIDES OF STRUCTURE

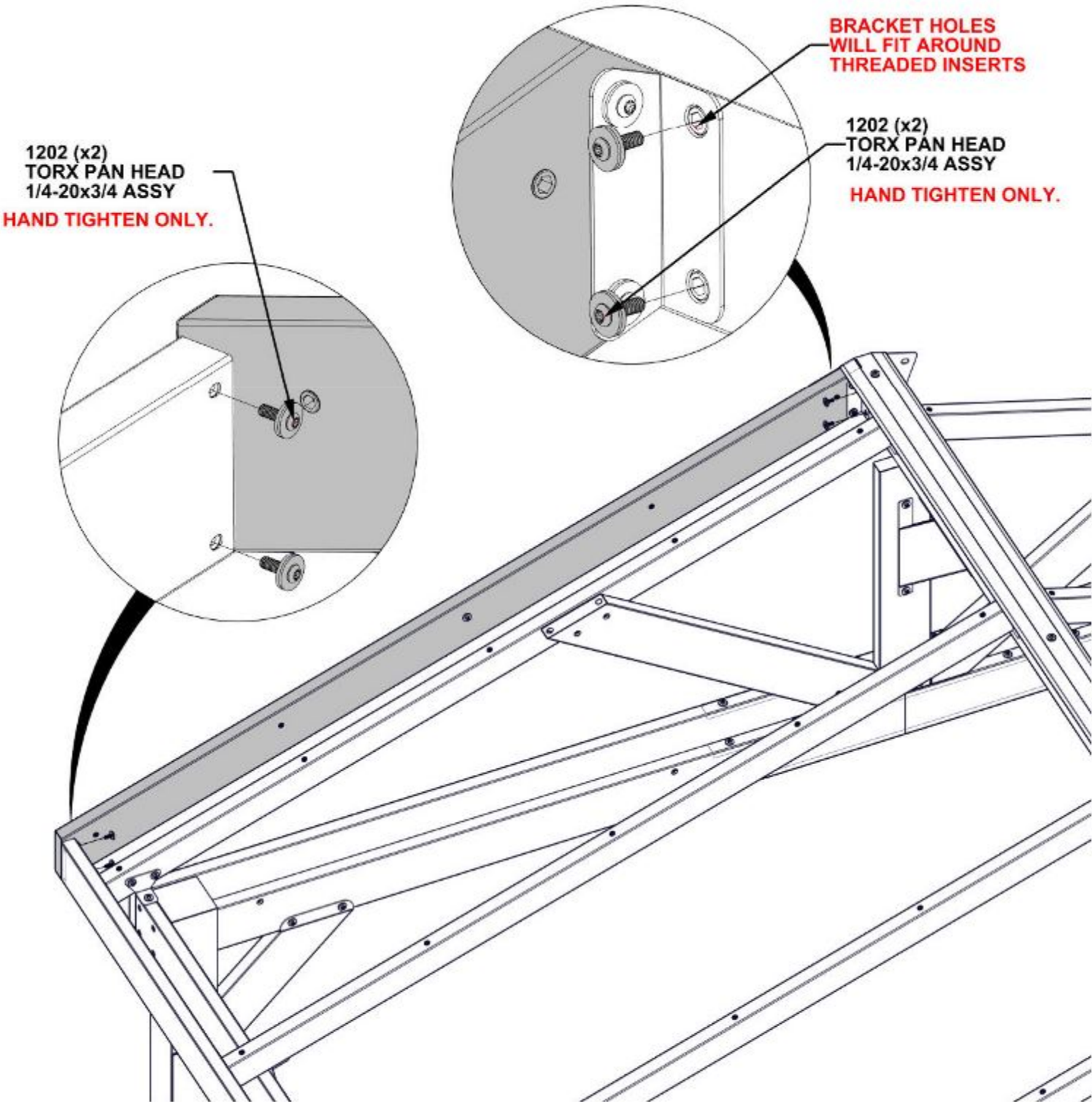




# STEP 34B - ROOF ASSEMBLY

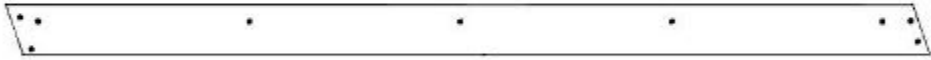
Qty	PartNo	Description
8	H101202	TORX PAN HEAD 1/4-20x3/4 ASSY

- REPEAT THIS STEP TWICE FOR BOTH SIDES OF STRUCTURE.



# STEP 35 - ROOF ASSEMBLY

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

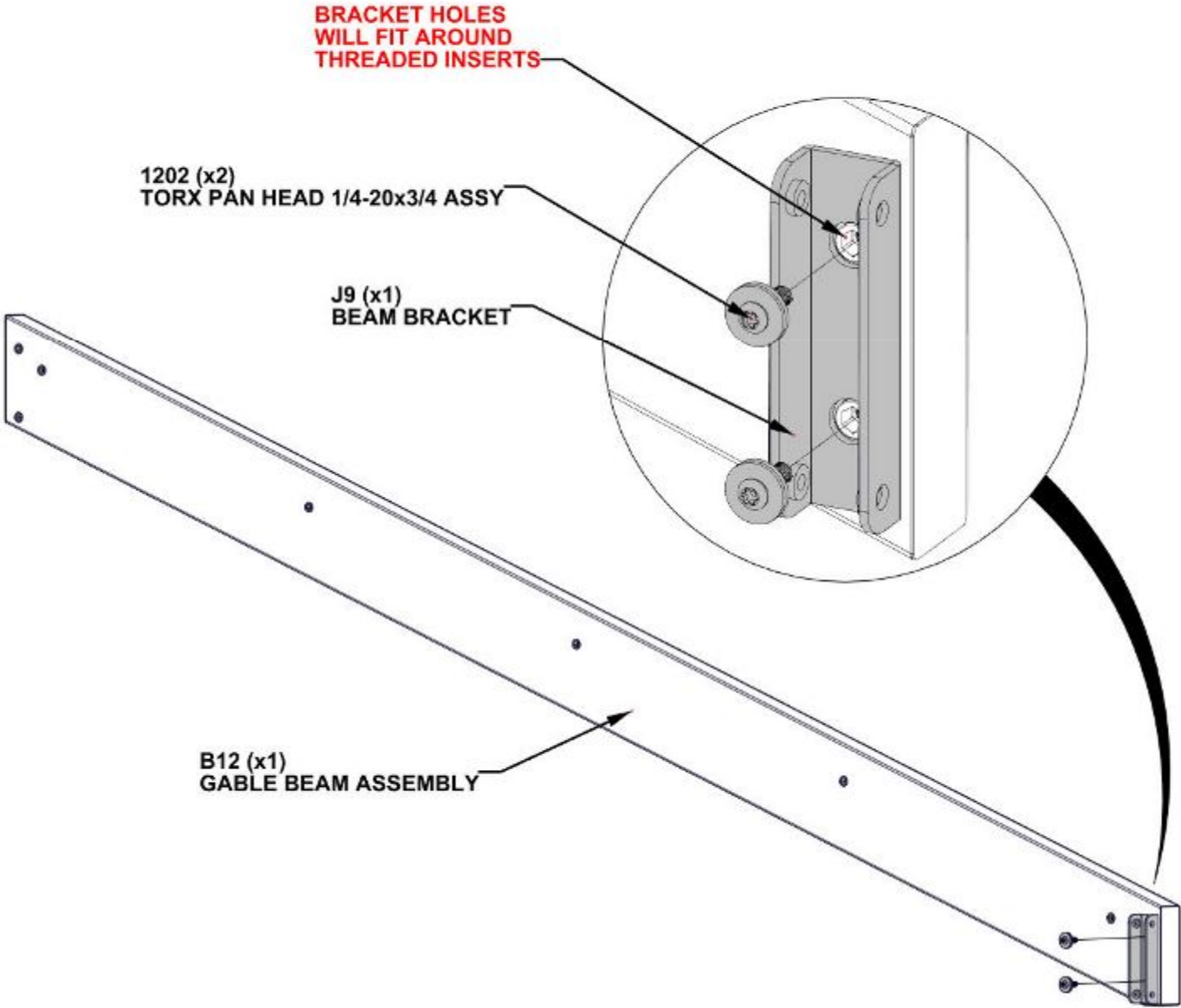


B12 GABLE BEAM ASSEMBLY - A4M03518  
(x2) 88 13/16"x5 1/4"x1 7/16" (36x134x2255)



J9 BEAM BRACKET - A4M03807  
(x2) 5 9/16"x1 5/16"x4 9/16" (140.57x33.20x116)

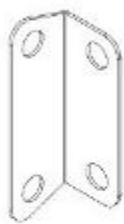
- REPEAT THIS STEP TWICE





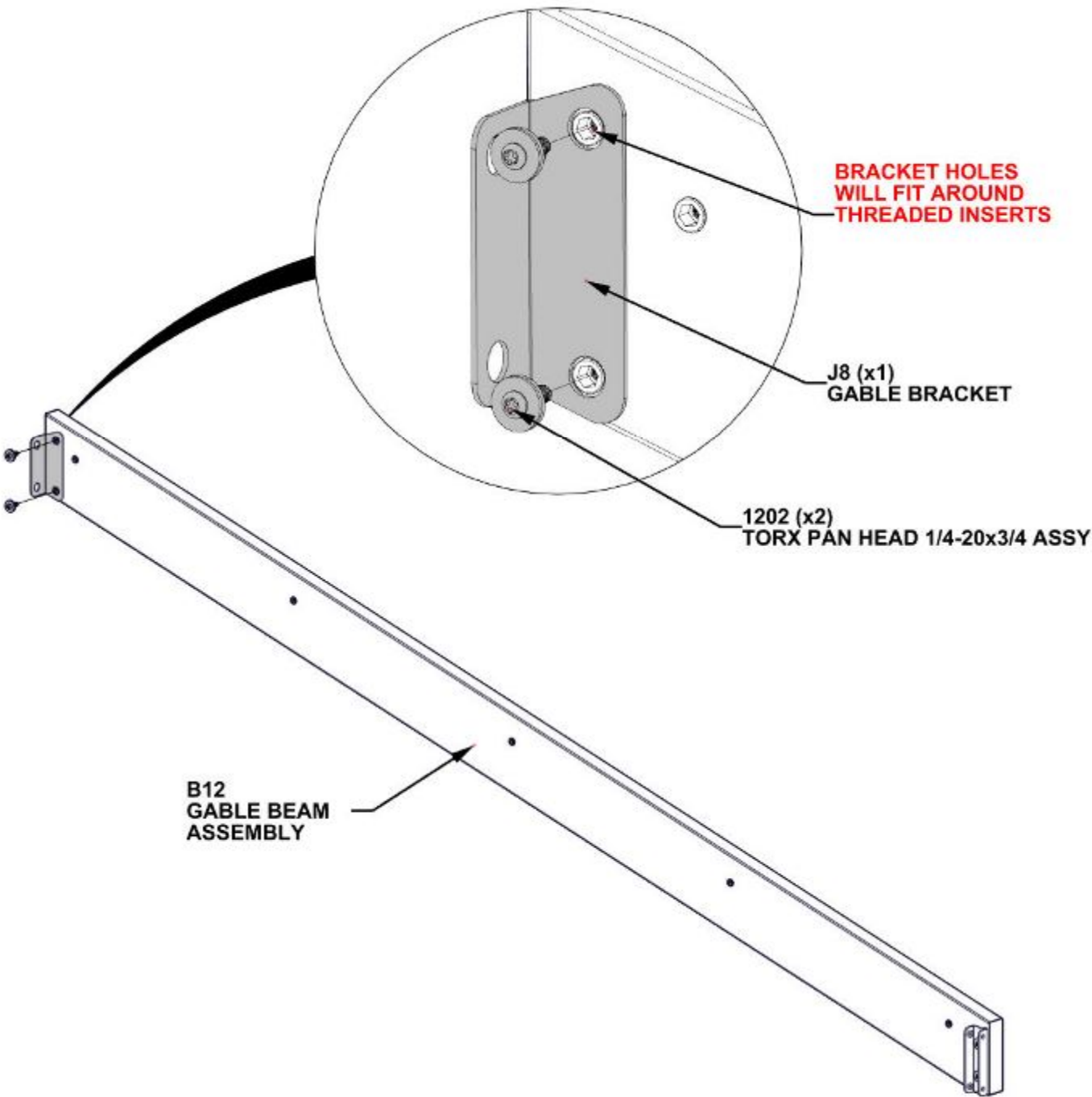
# STEP 36 - ROOF ASSEMBLY

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



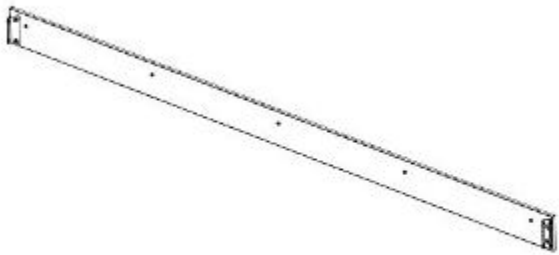
J8 GABLE BRACKET - A4M03804  
(x2) 4 13/16"x1 9/16"x1 9/16" (40x40x123)

- REPEAT THIS STEP TWICE



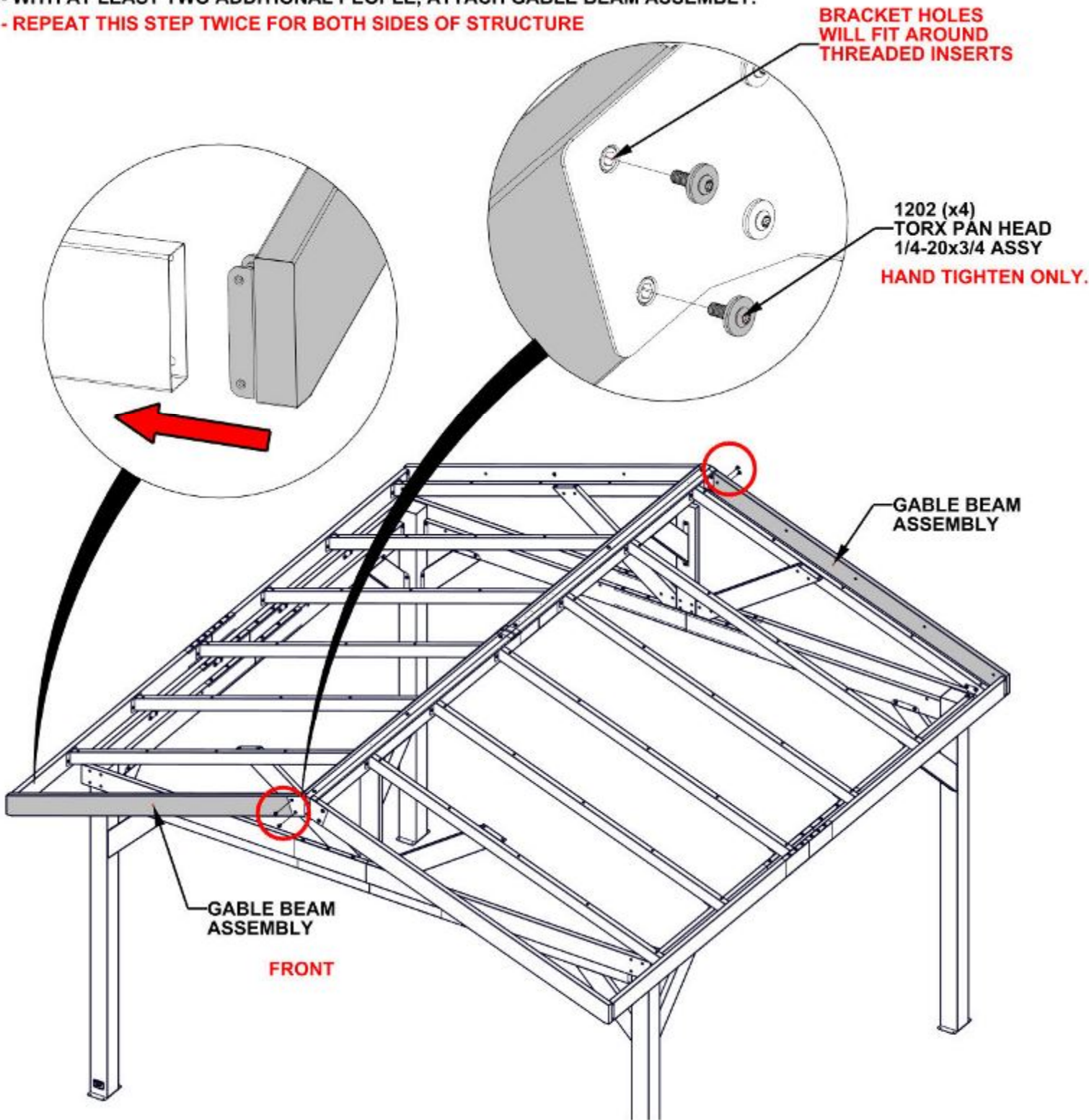
# STEP 37A - ROOF ASSEMBLY

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



ROOF ASSEMBLY FROM STEPS 35 - 36

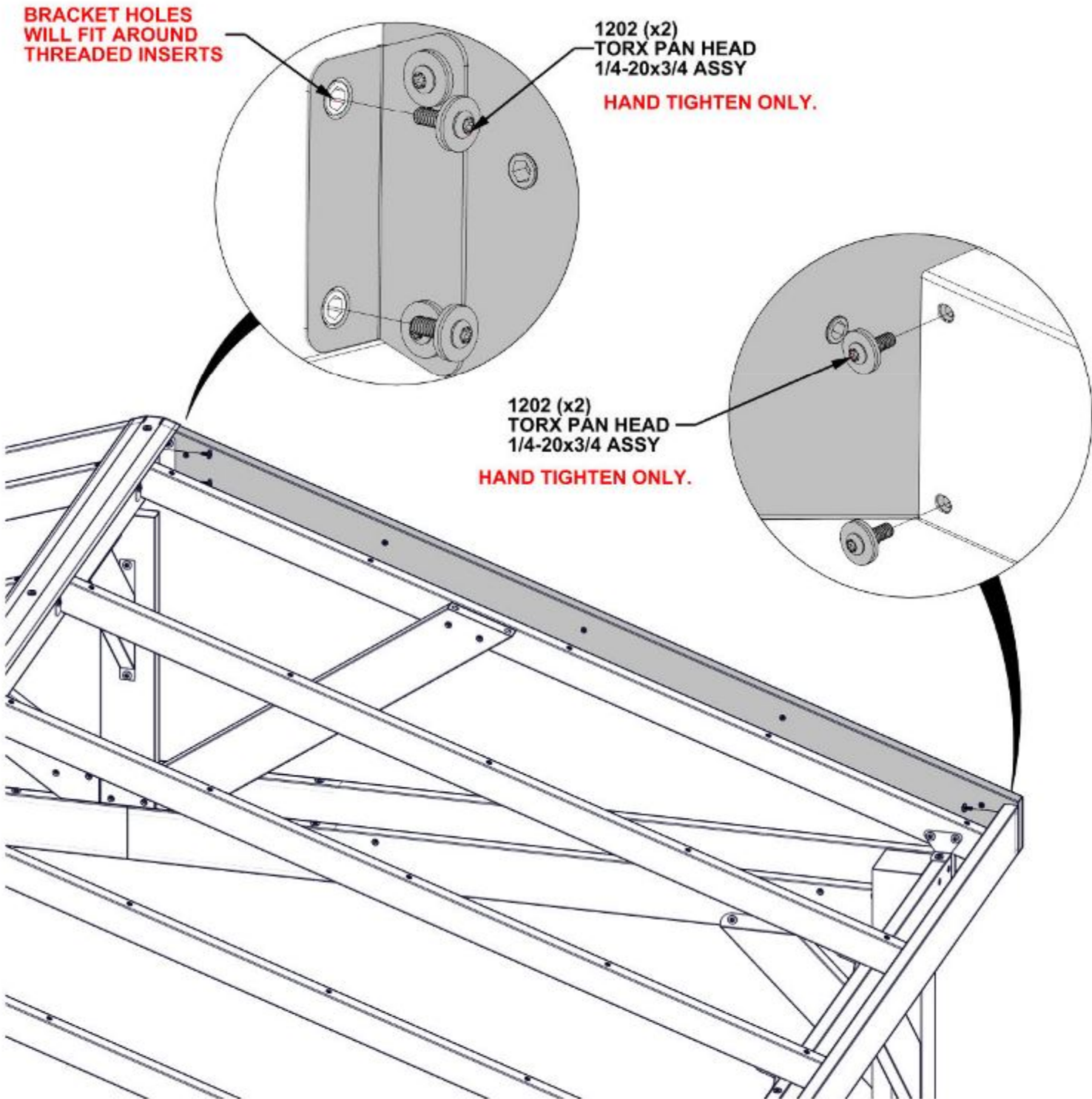
- WITH AT LEAST TWO ADDITIONAL PEOPLE, ATTACH GABLE BEAM ASSEMBLY.
- REPEAT THIS STEP TWICE FOR BOTH SIDES OF STRUCTURE



# STEP 37B - ROOF ASSEMBLY

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

- REPEAT THIS STEP TWICE FOR BOTH SIDES OF STRUCTURE.

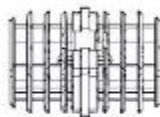




# STEP 38A - PURLIN ASSEMBLY

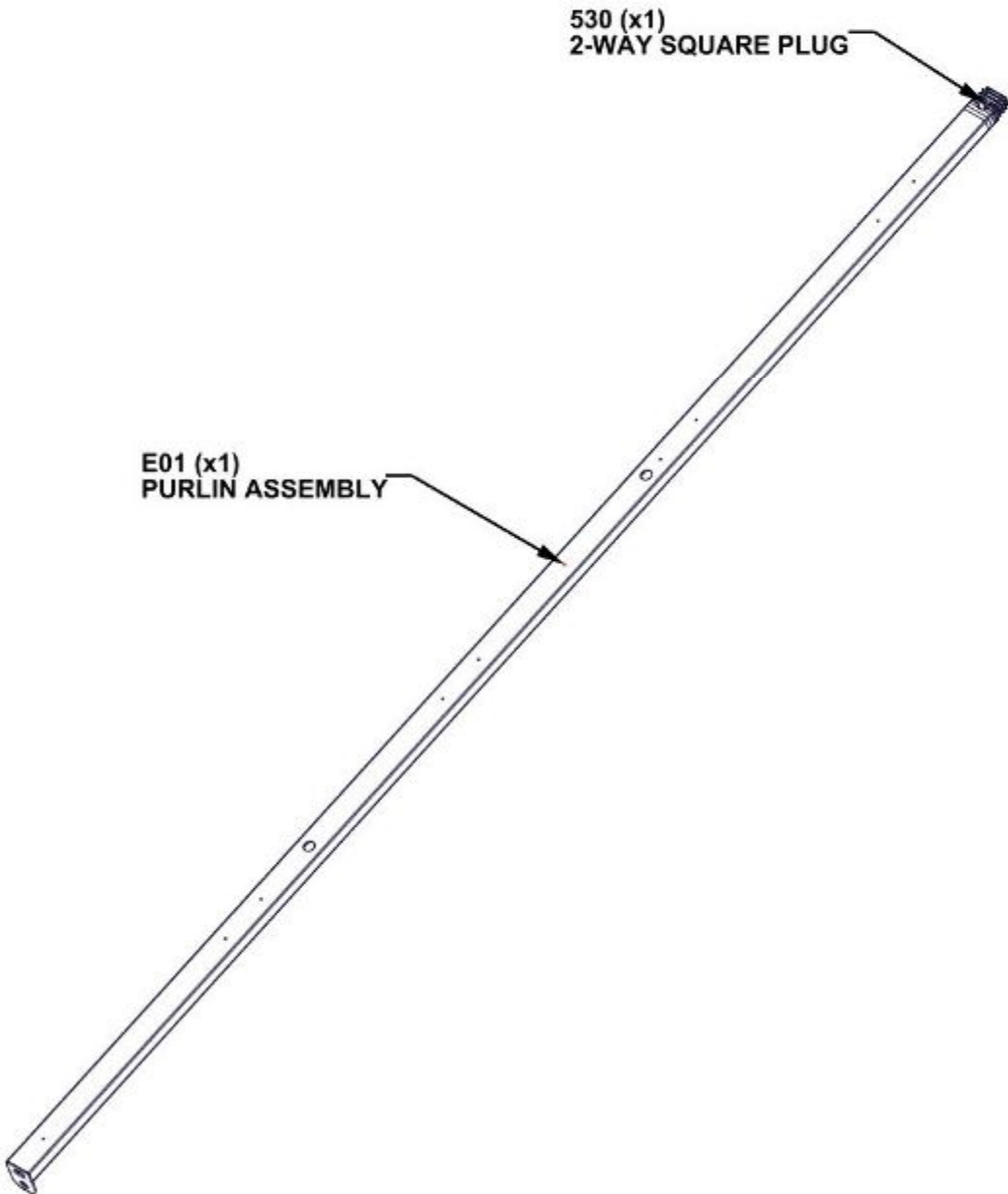


E01 PURLIN ASSEMBLY - A4M04804  
(x10) 1 9/16"X1 15/16"X78 5/8" (40x50x1997.60)



A6P00530 2-WAY SQUARE PLUG  
(x10)

- ATTACH 2-WAY PLUG (530) TO E01 PURLIN.
- USE A RUBBER Mallet TO TAP 2-WAY SQUARE PLUG INTO END OF PURLIN.
- REPEAT THIS STEP 10 TIMES.



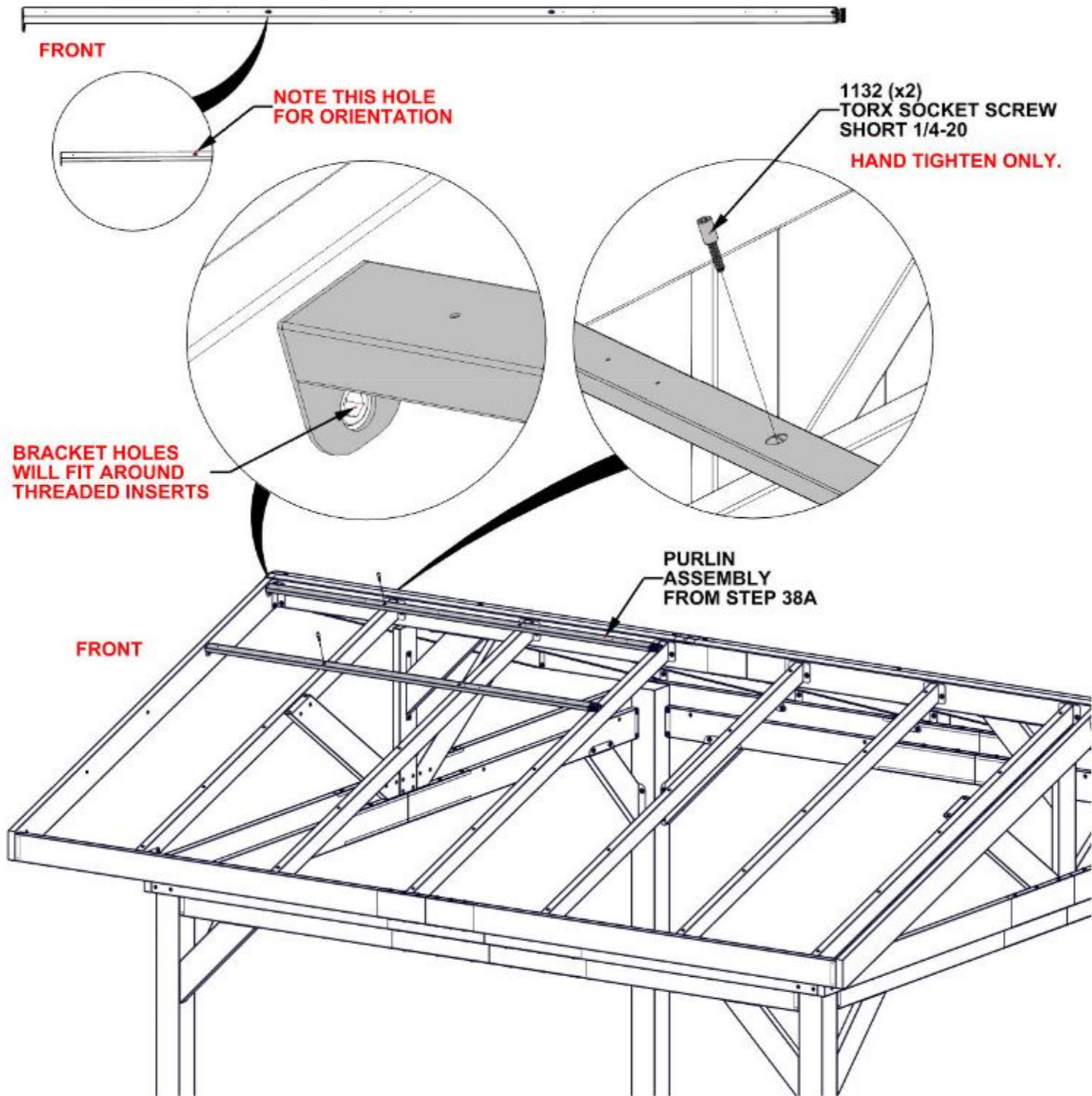
# STEP 38B - ROOF ASSEMBLY

Qty	PartNo	Description
2	H101132	TORX SOCKET SCREW SHORT 1/4-20



PURLIN ASSEMBLY FROM STEP 38A  
(x2)

- WITH ONE EXTRA PERSON, ATTACH TWO PURLIN ASSEMBLIES FROM 38A.
- STARTING AT THE RIDGE AND WORKING DOWN WILL MAKE IT EASIER TO INSTALL PURLIN ASSEMBLIES.





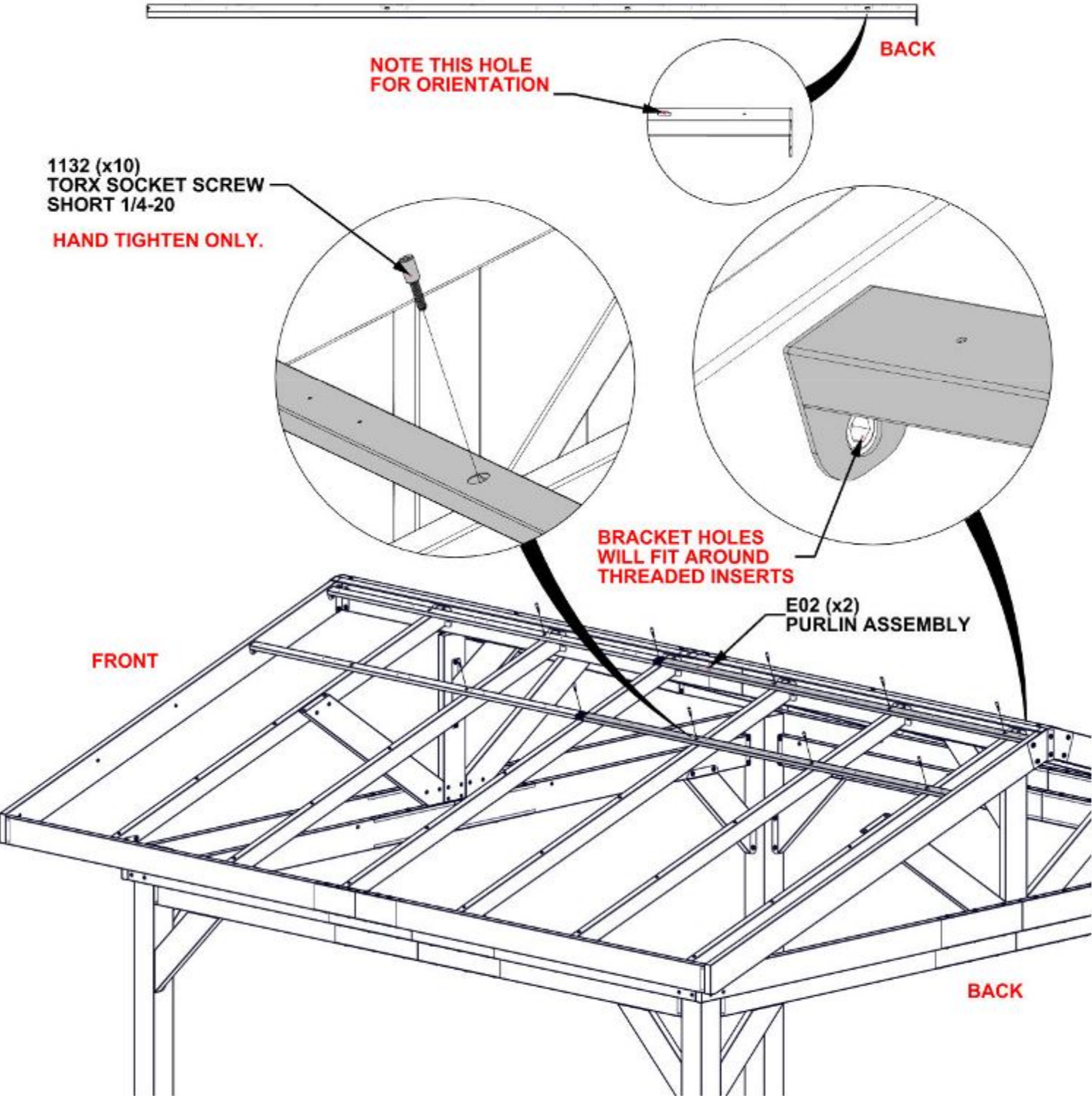
# STEP 38C - ROOF ASSEMBLY

Qty	PartNo	Description
10	H101132	TORX SOCKET SCREW SHORT 1/4-20



E02 PURLIN ASSEMBLY - A4M04805  
(x2) 87 15/16"x1 15/16"x1 9/16" (40x50x2234.40)

- WITH ONE EXTRA PERSON, ATTACH TWO E02 PURLINS.
- STARTING AT THE RIDGE AND WORKING DOWN WILL MAKE IT EASIER TO INSTALL PURLIN ASSEMBLIES.



STEP 38D - ROOF ASSEMBLY

Qty	PartNo	Description
48	H101132	TORX SOCKET SCREW SHORT 1/4-20

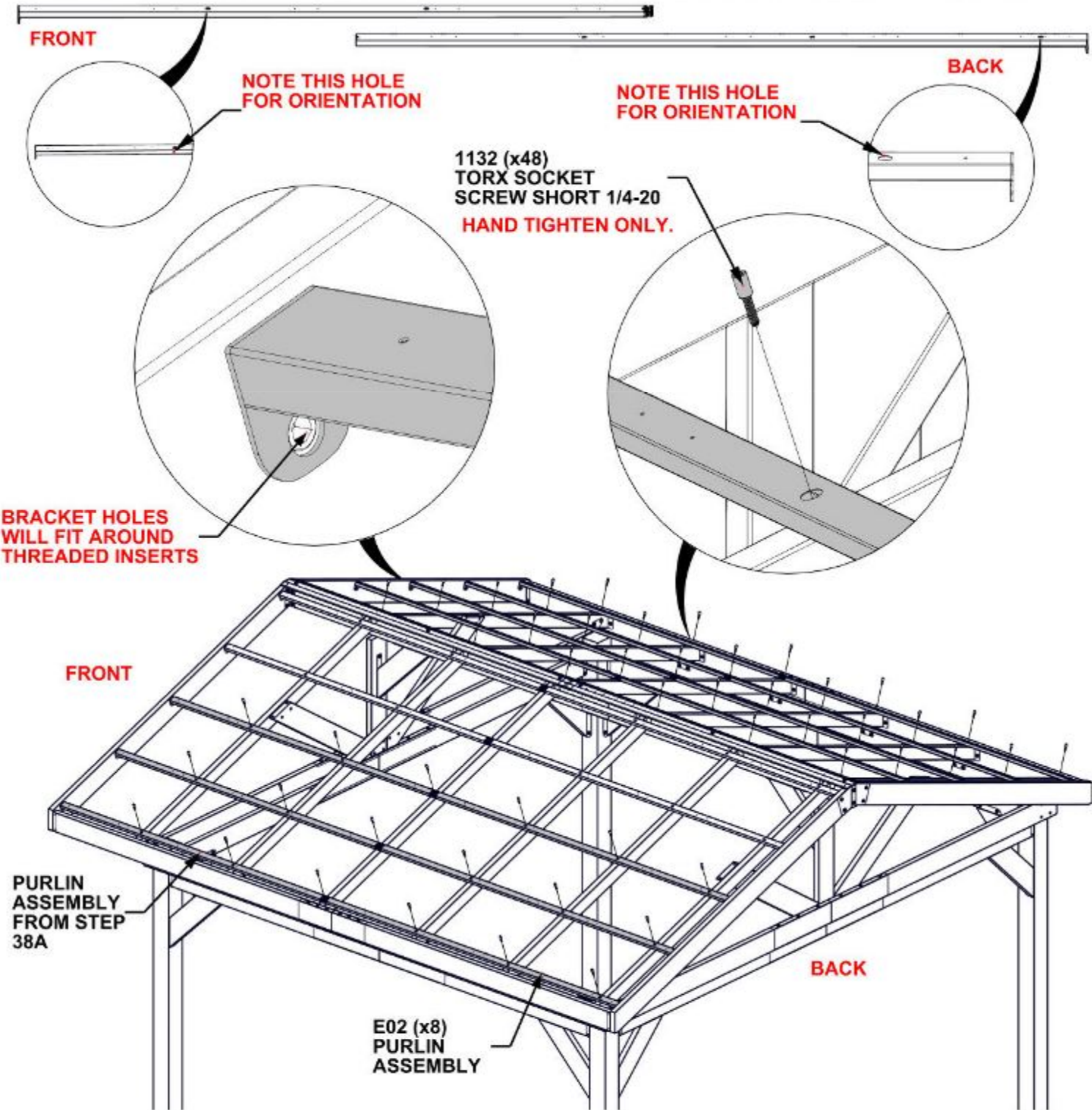


PURLIN ASSEMBLY FROM STEP 38A  
(x8)



E02 PURLIN ASSEMBLY - A4M04805  
(x8) 87 15/16"x1 15/16"x1 9/16" (40x50x2234.40)

- WITH ONE EXTRA PERSON, ATTACH REMAINDER PURLINS IN THE SAME WAY AS PREVIOUS TWO STEPS .
- STARTING AT THE RIDGE AND WORKING DOWN WILL MAKE IT EASIER TO INSTALL PURLIN ASSEMBLIES.

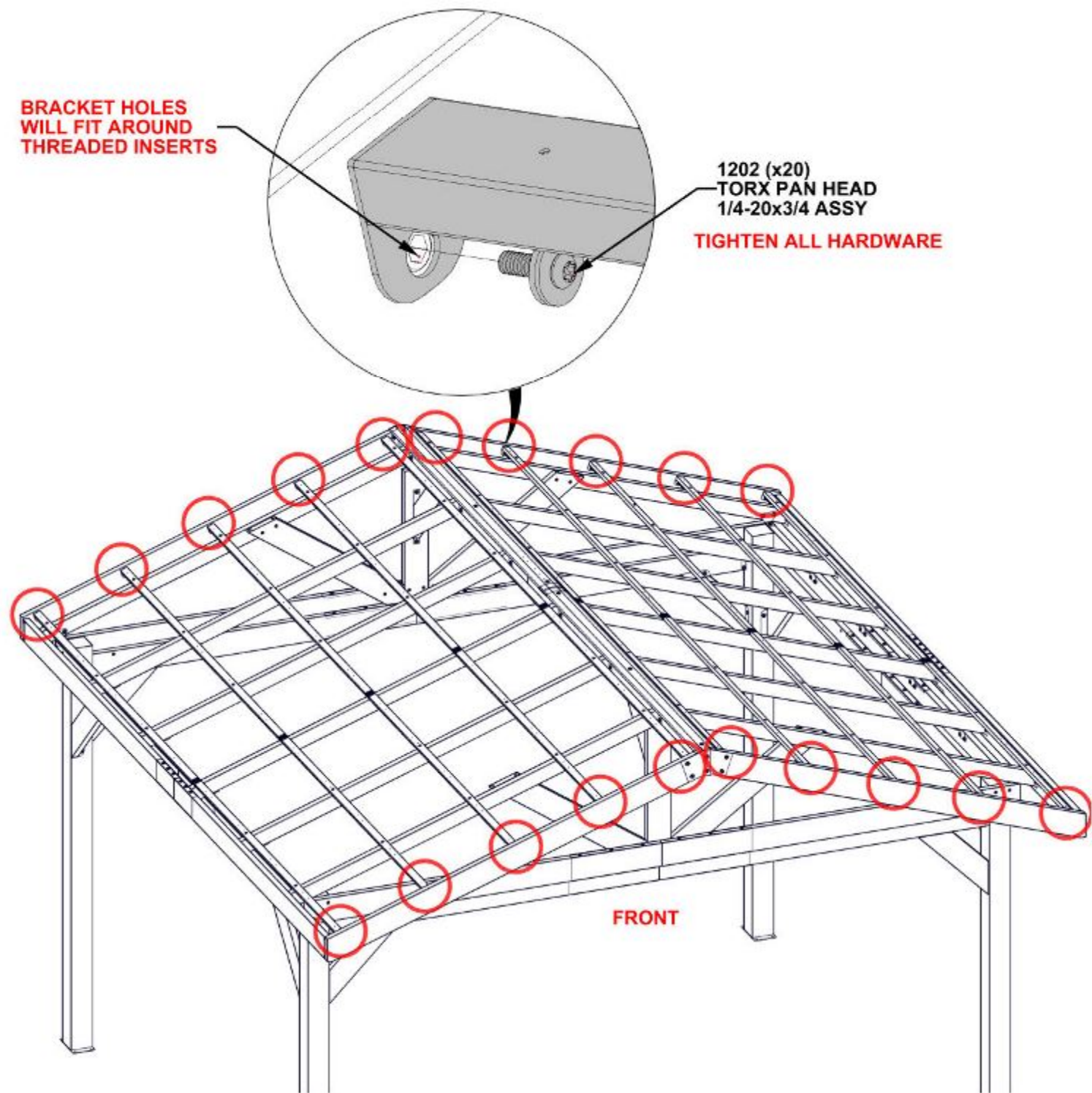




# STEP 38E - ROOF ASSEMBLY

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

- ONCE PURLINS HAVE BEEN INSTALLED,  
TIGHTEN ALL HARDWARE FROM PREVIOUS STEPS.



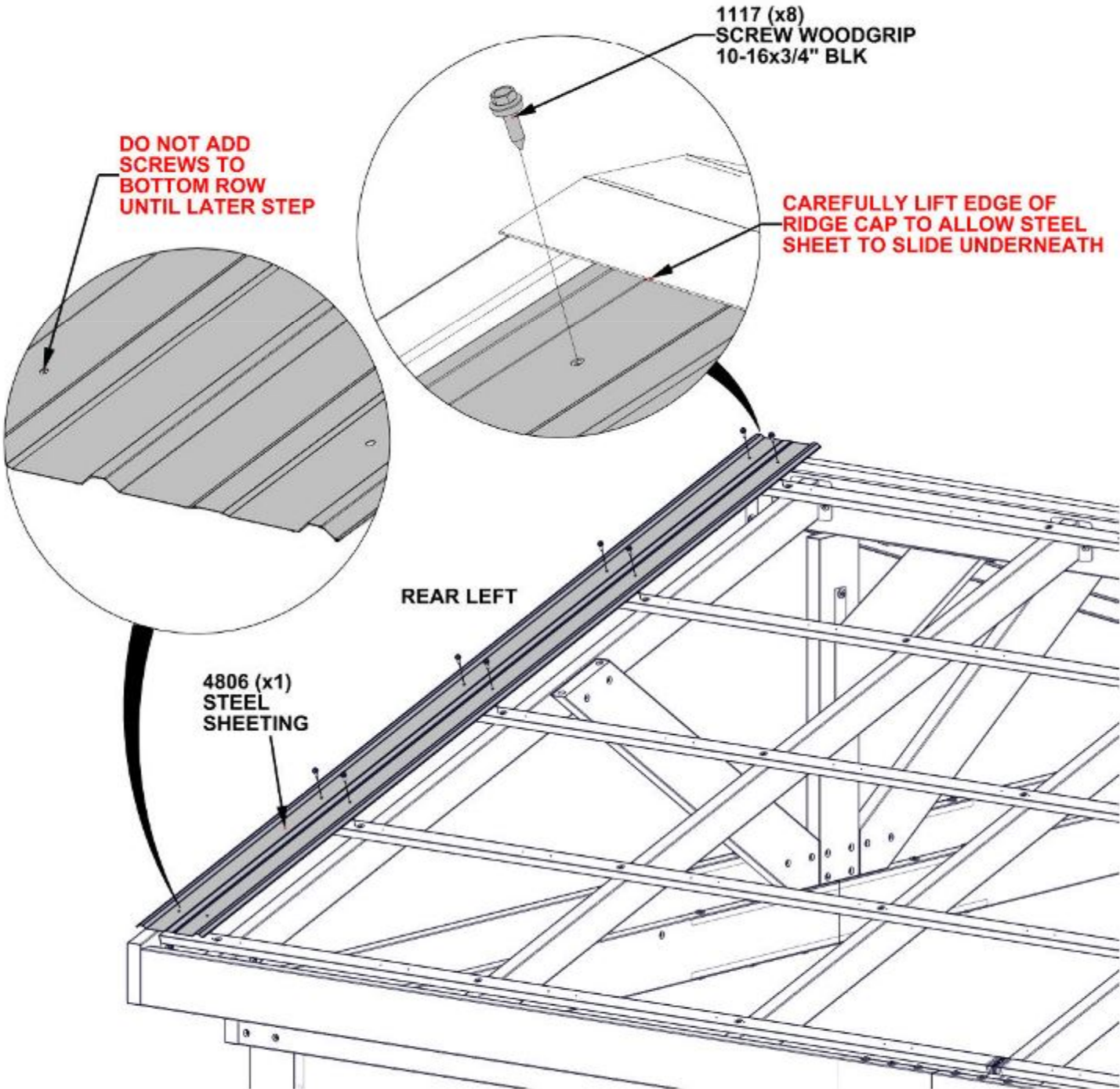
# STEP 39 - ROOF ASSEMBLY

Qty	PartNo	Description
8	H101117	SCREW WOODGRIP 10-16x3/4" BLK



A4M04806 STEEL SHEETING  
(x1)

- **WARNING: GLOVES ARE RECOMMENDED WHEN HANDLING STEEL ROOF PIECES.**
- REMOVE PROTECTIVE FILM.
- SLIDE ROOF SHEET UP, MAKING SURE IT SLIDES UNDERNEATH THE RIDGE CAP.
- STARTING AT THE LEFT SIDE AND WORKING TO THE RIGHT, LINE UP THE HOLES IN THE ROOF SHEET WITH THE PILOT HOLES IN THE PURLINS.





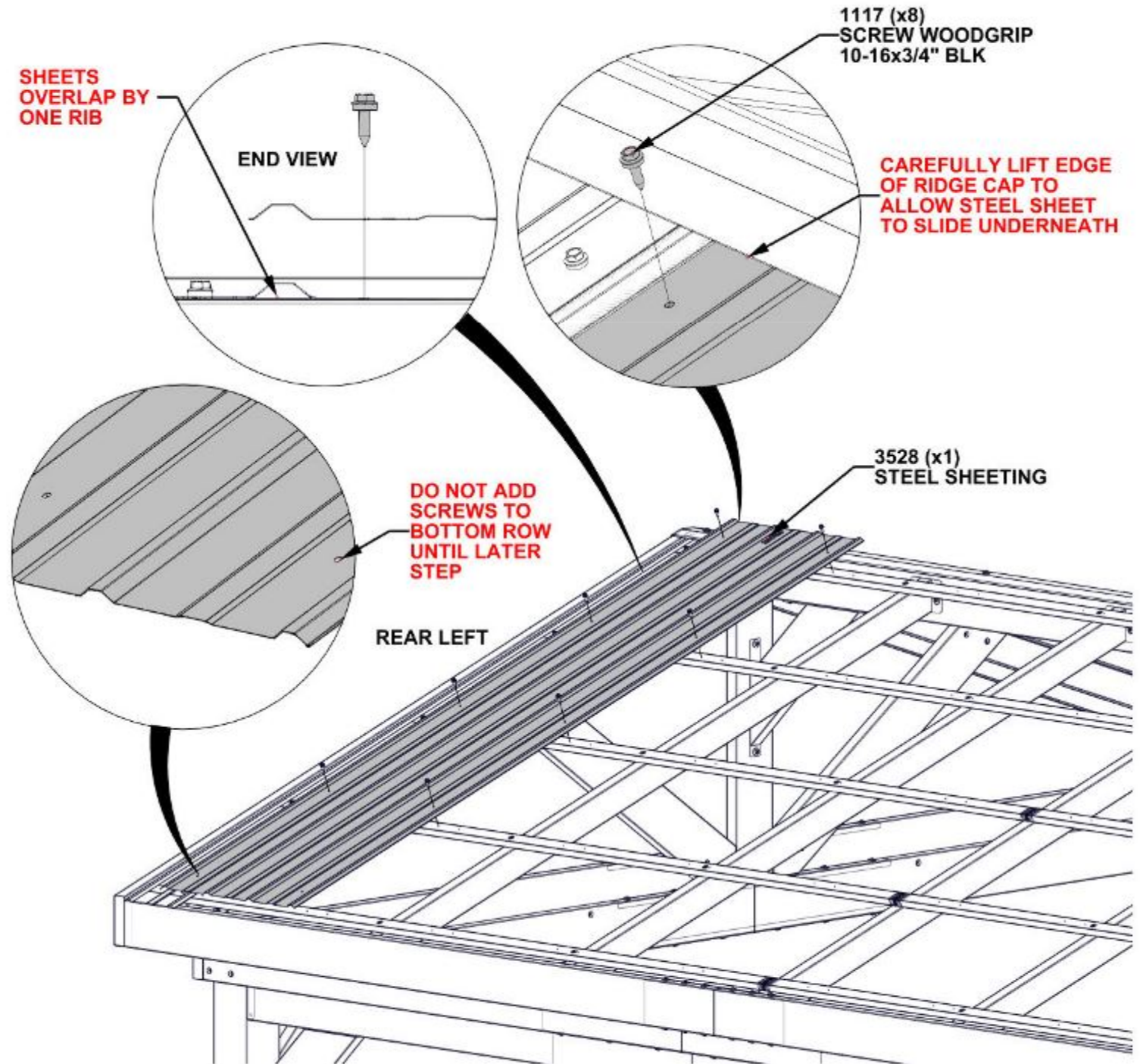
# STEP 40 - ROOF ASSEMBLY

Qty	PartNo	Description
8	H101117	SCREW WOODGRIP 10-16x3/4" BLK



A4M03528 STEEL SHEETING  
(x1)

- **WARNING: GLOVES ARE RECOMMENDED WHEN HANDLING STEEL ROOF PIECES.**
- REMOVE PROTECTIVE FILM.
- SLIDE ROOF SHEET UP, MAKING SURE IT SLIDES UNDERNEATH THE RIDGE CAP.
- STARTING AT THE LEFT SIDE AND WORKING TO THE RIGHT, LINE UP THE HOLES IN THE ROOF SHEET WITH THE PILOT HOLES IN THE PURLINS.





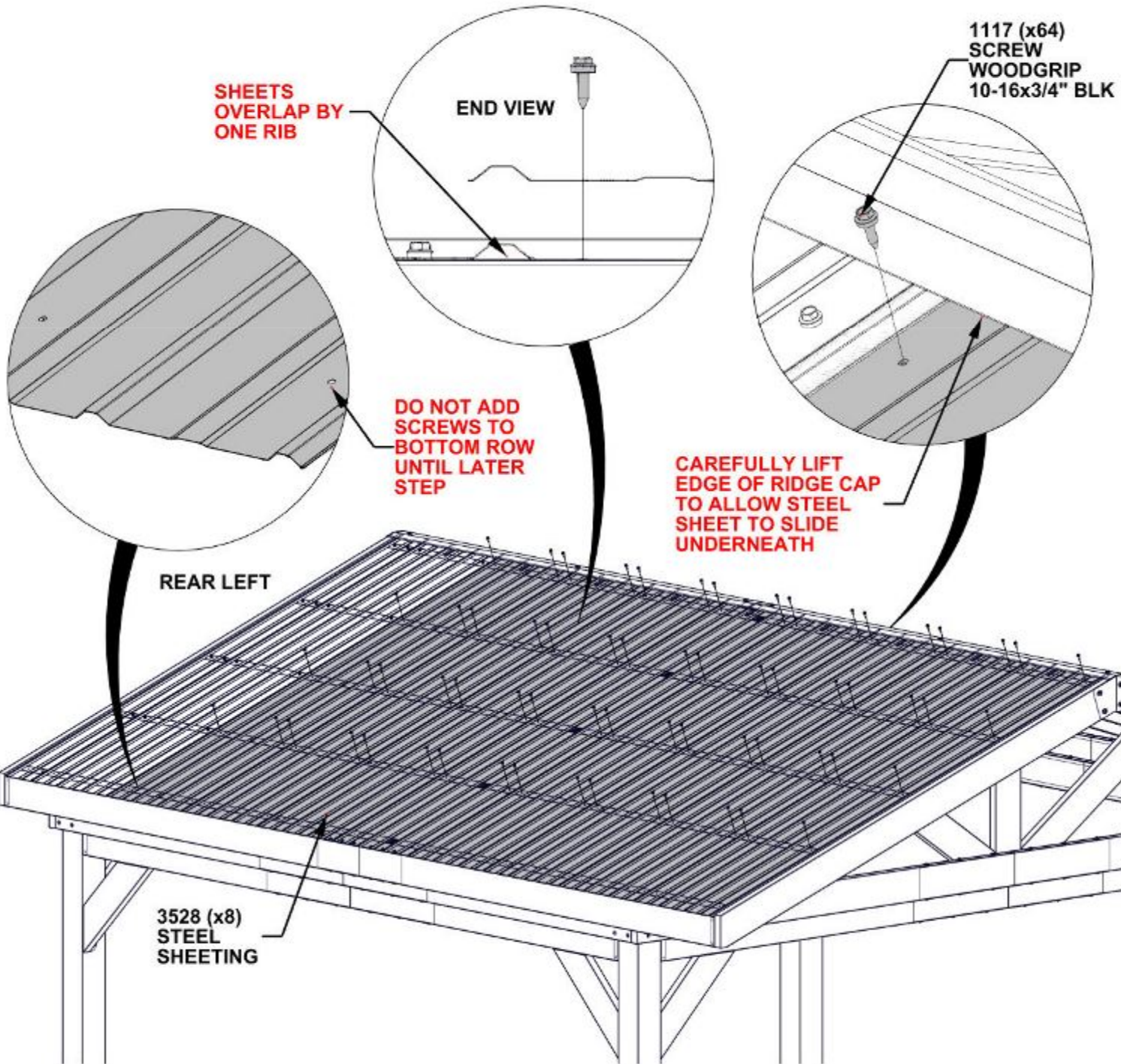
# STEP 41 - ROOF ASSEMBLY

Qty	PartNo	Description
64	H101117	SCREW WOODGRIP 10-16x3/4" BLK



3528 STEEL SHEETING - A4M03528  
(x8) 87"x18 7/8"x1/4" (7x480x2210)

- **WARNING: GLOVES ARE RECOMMENDED WHEN HANDLING STEEL ROOF PIECES.**
- REMOVE PROTECTIVE FILM.
- REPEAT PREVIOUS STEP FOR REMAINDER OF LEFT SIDE.
- ATTACH AND FULLY TIGHTEN ALL SCREWS ON EACH ROOF SHEET BEFORE ATTACHING THE NEXT ONE.





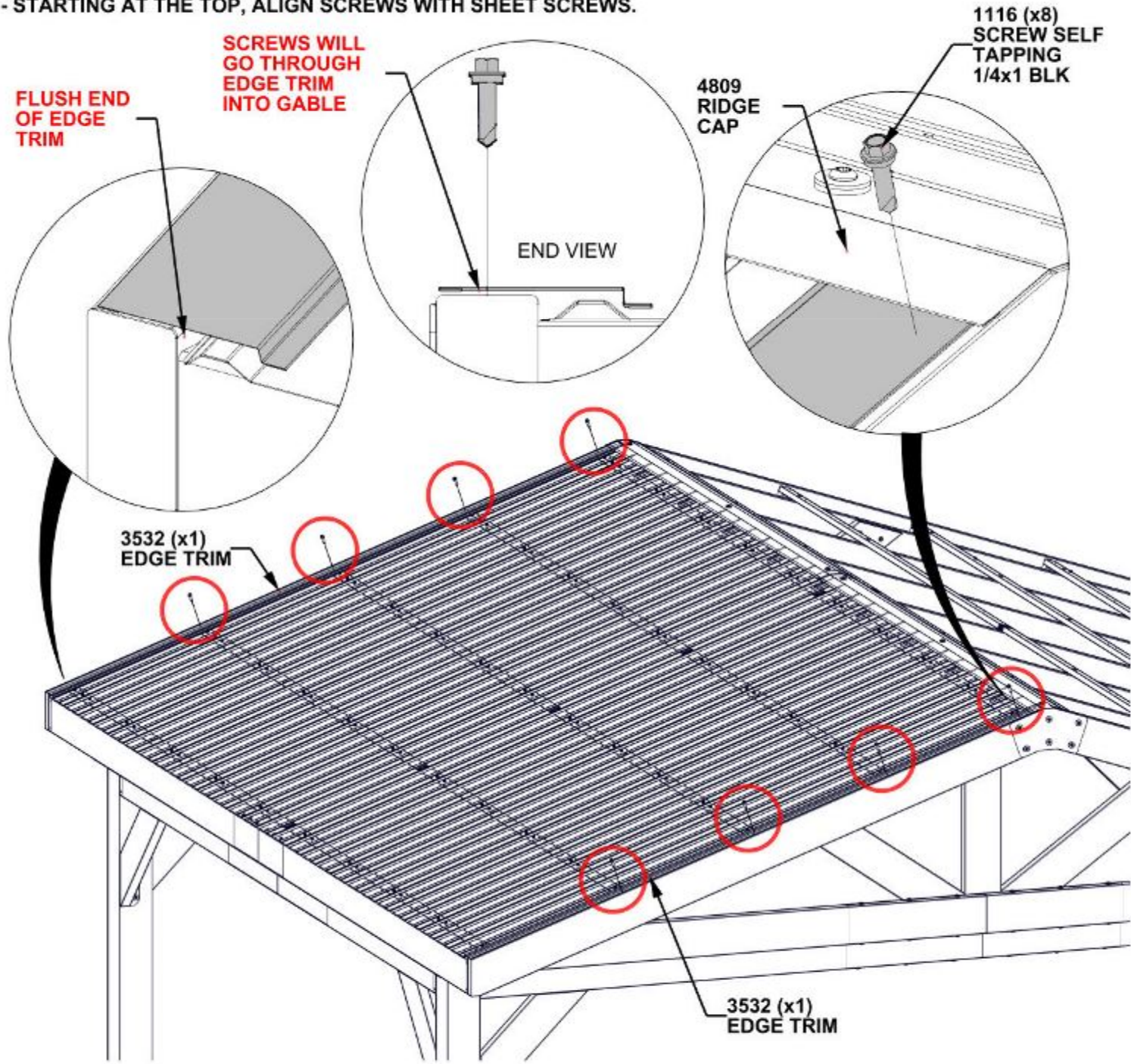
# STEP 42 - ROOF ASSEMBLY

Qty	PartNo	Description
8	H101116	SCREW SELF TAPPING 1/4x1 BLK



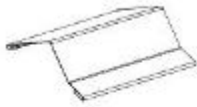
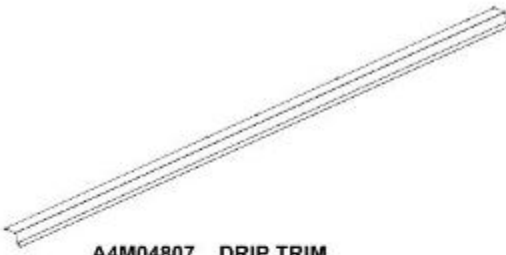
A4M03532 EDGE TRIM  
(x2)

- DUE TO MULTIPLE LAYERS OF METAL ON THE DRIP EDGE, IT IS RECOMMENDED THAT A 1/8" (3mm) DRILL BIT BE USED TO CREATE STARTER HOLES.
- WARNING: GLOVES ARE RECOMMENDED WHEN HANDLING STEEL ROOF PIECES.
- REMOVE PROTECTIVE FILM.
- SLIDE EDGE TRIM UNTIL ONE END IS POSITIONED UNDERNEATH RIDGE CAP AND OTHER END IS FLUSH WITH END.
- STARTING AT THE TOP, ALIGN SCREWS WITH SHEET SCREWS.

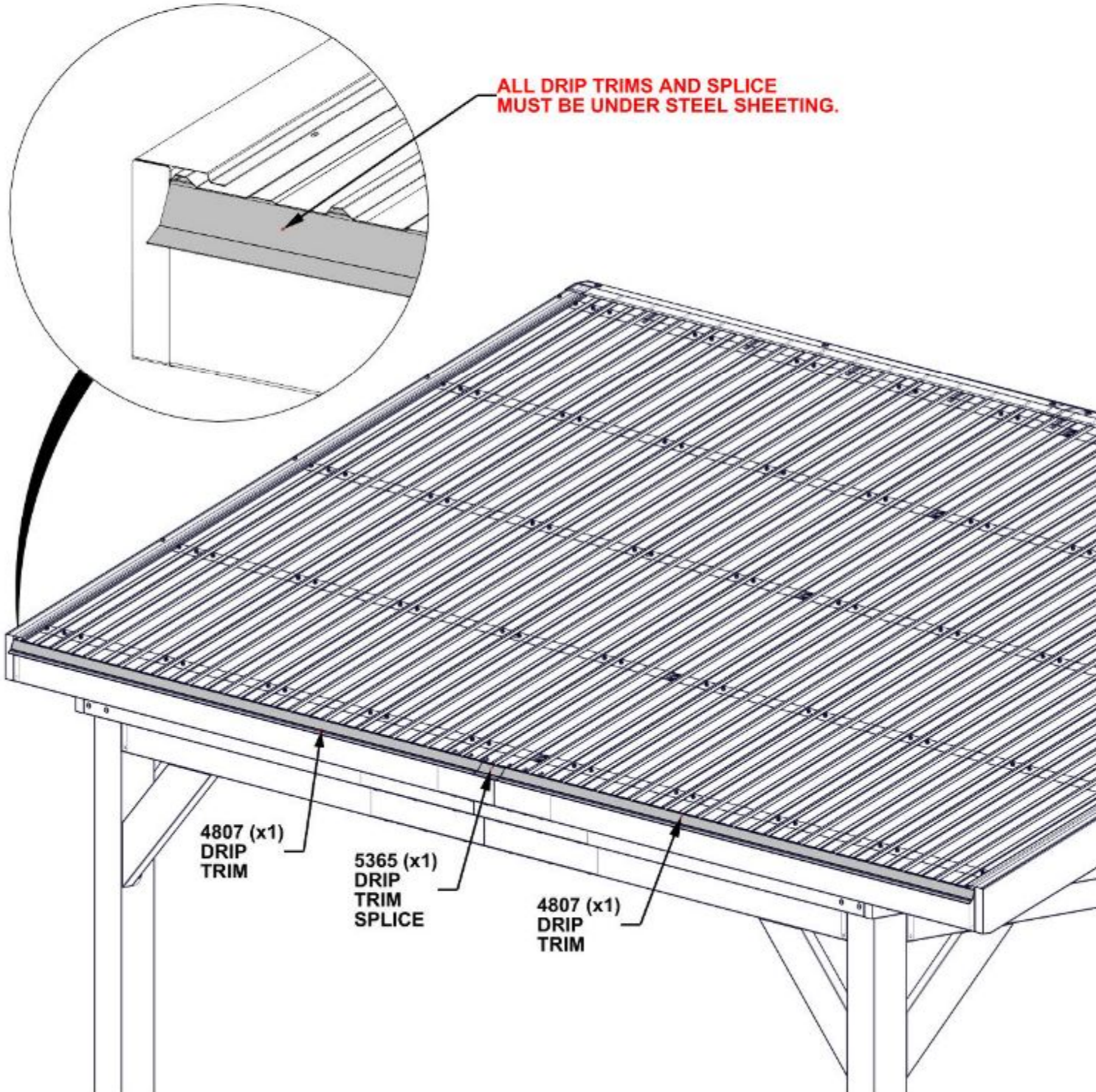




# STEP 43A - ROOF ASSEMBLY



- REMOVE PROTECTIVE FILM.
- WITH ONE EXTRA PERSON, ORIENT DRIP TRIMS AND DRIP TRIM SPLICE UNDER ALL STEEL SHEETINGS.

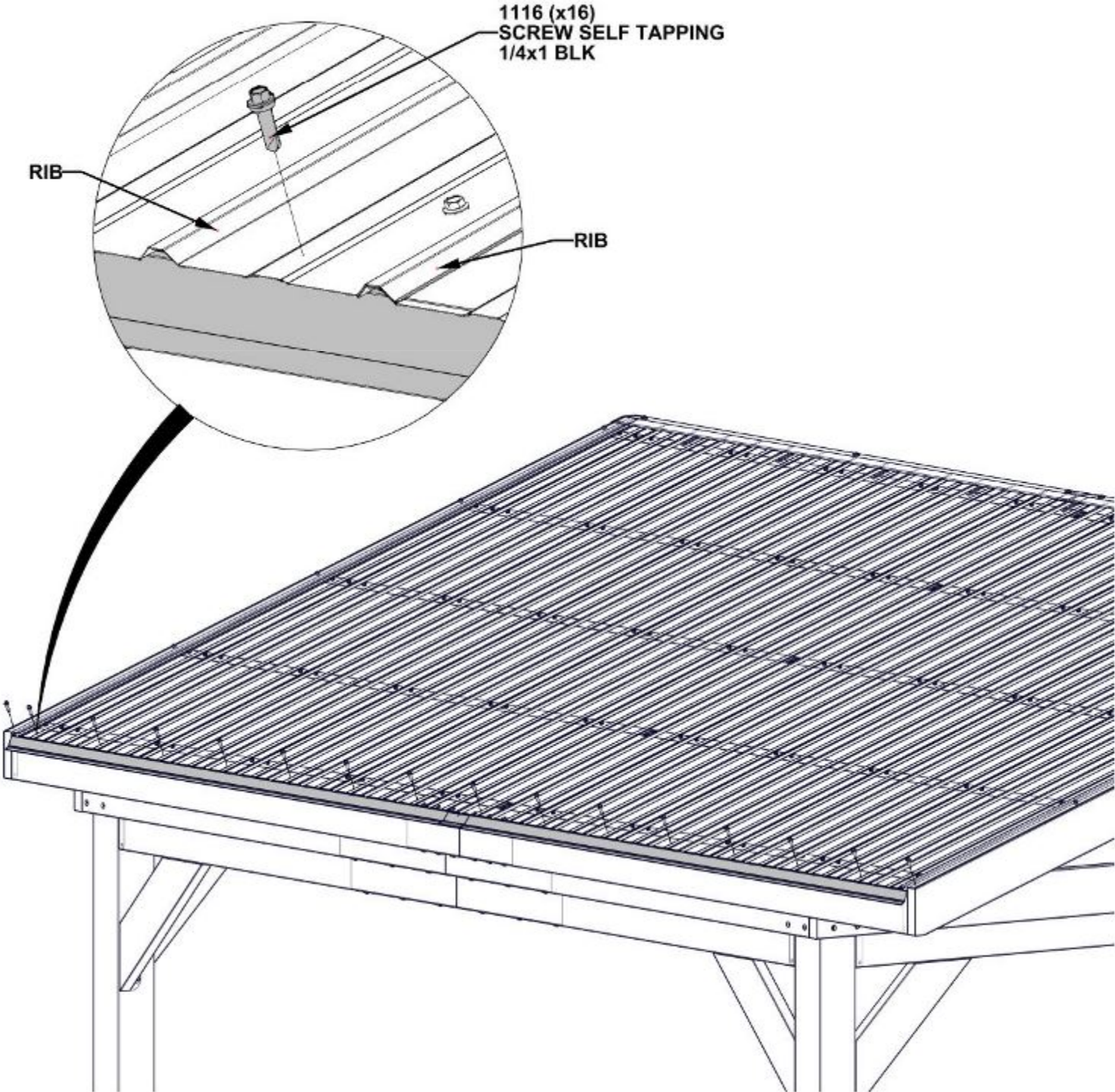




# STEP 43B - ROOF ASSEMBLY

Qty	PartNo	Description
16	H101116	SCREW SELF TAPPING 1/4x1 BLK

- DUE TO MULTIPLE LAYERS OF METAL ON THE DRIP EDGE, IT IS RECOMMENDED THAT A 1/8" (3mm) DRILL BIT BE USED TO CREATE STARTER HOLES.
- WARNING: GLOVES ARE RECOMMENDED WHEN HANDLING STEEL ROOF PIECES.
- STARTING IN THE FRONT CORNER, ATTACH SCREWS SPACING EVERY OTHER RIB.

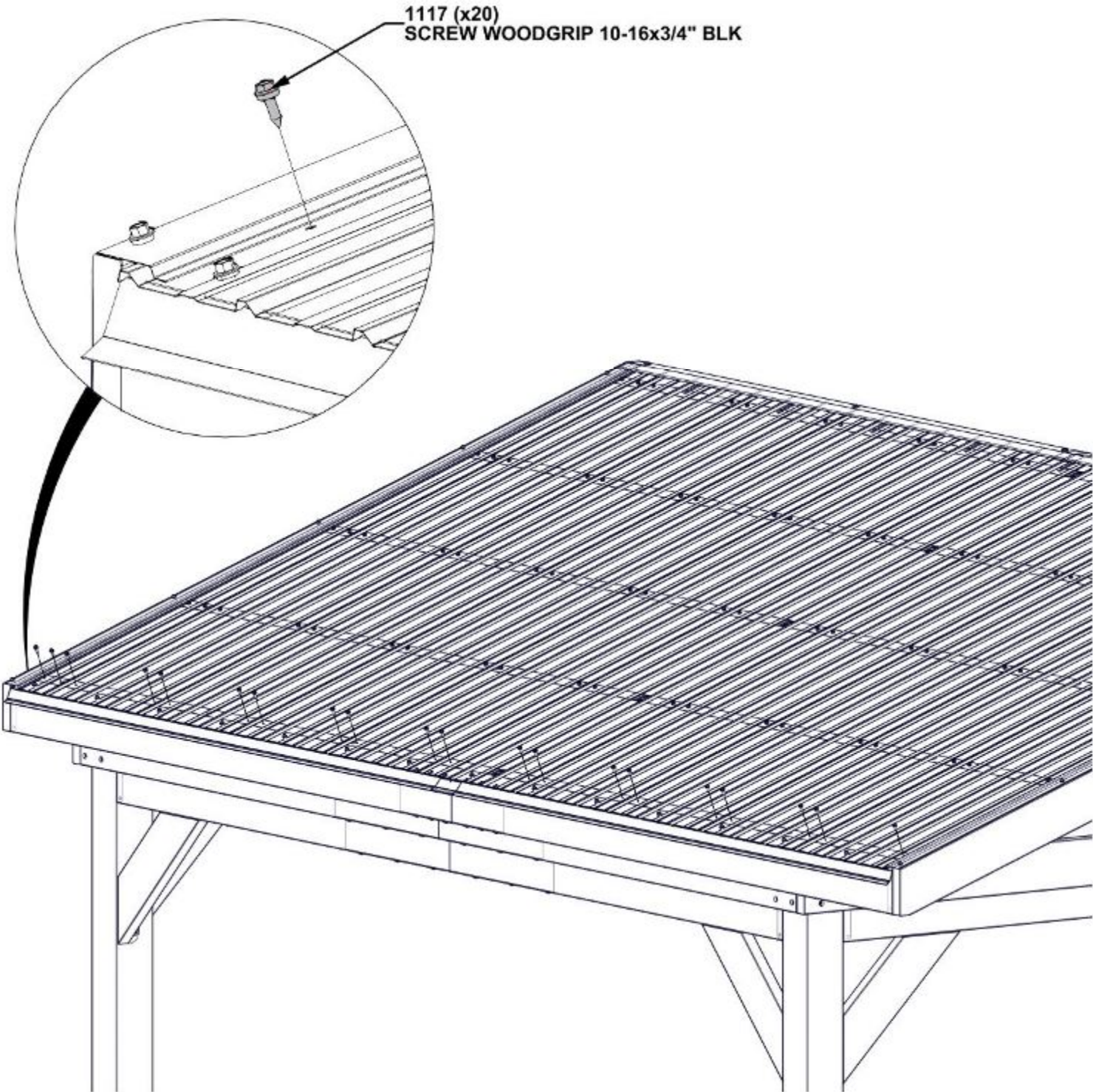




# STEP 43C - ROOF ASSEMBLY

Qty	PartNo	Description
20	H101117	SCREW WOODGRIP 10-16x3/4" BLK

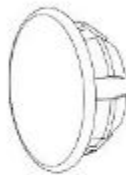
- ADD SCREWS TO THE BOTTOM ROW AND TIGHTEN ALL HARDWARE.



**REPEAT ROOF ASSEMBLY STEPS 39 - 43C  
TO INSTALL SHEETMETAL ON OPPOSITE SIDE OF ROOF**

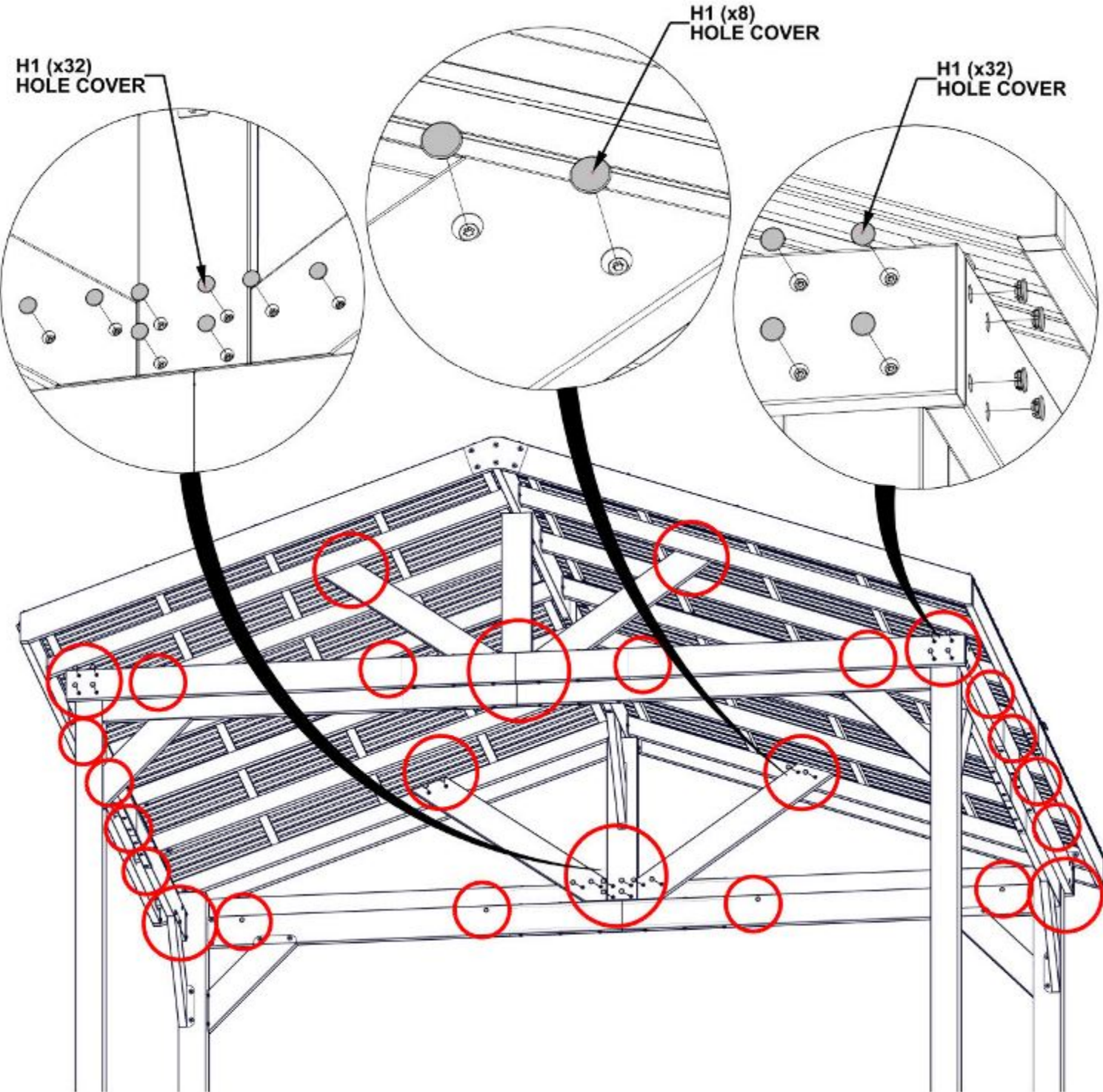


# STEP 44 - STRUCTURE ASSEMBLY



A4M01352 HOLE COVER  
(x72)

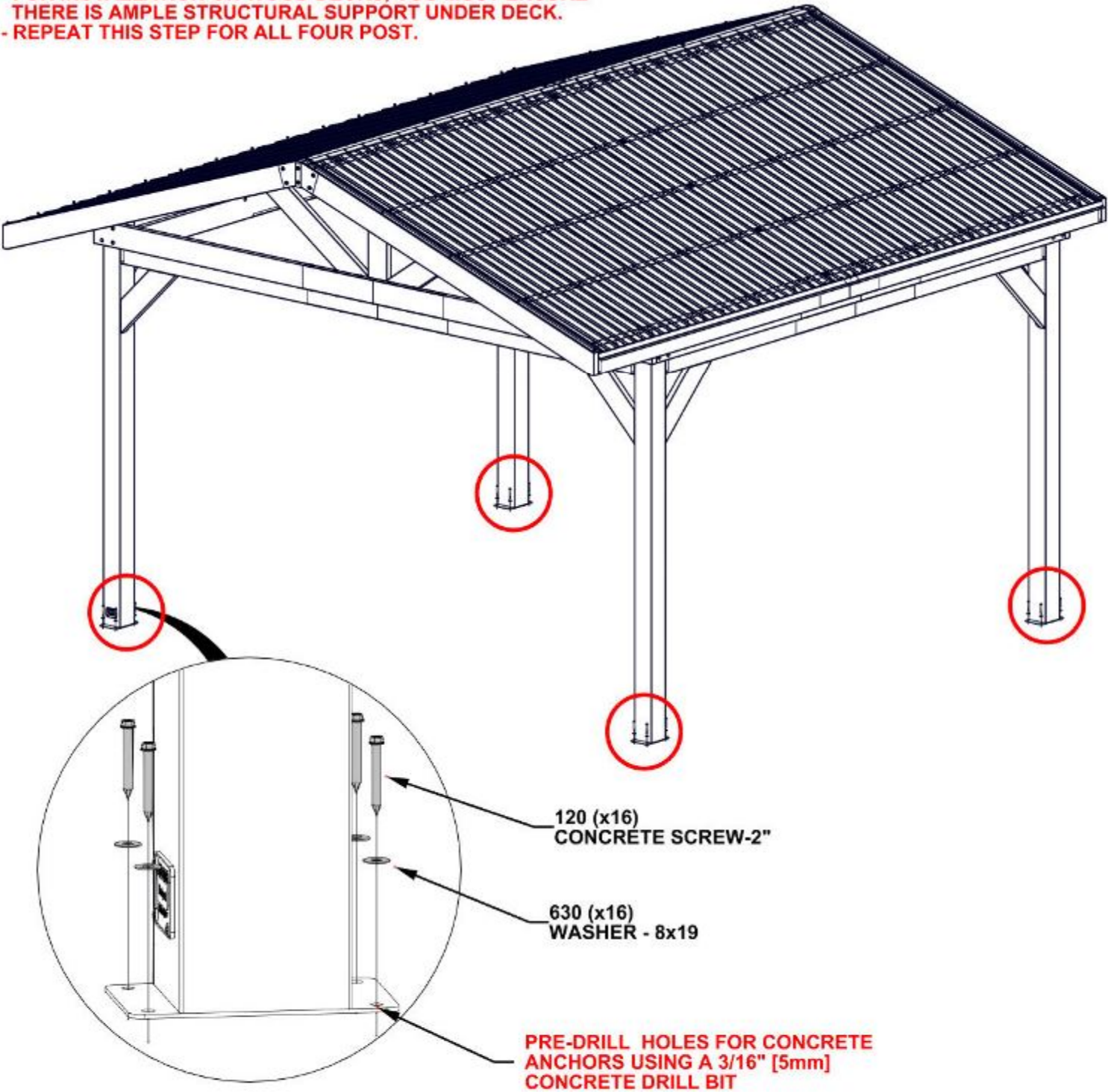
- USE A SMALL PIECE OF WOOD AND RUBBER Mallet TO TAP HOLE COVERS IN.
- DO NOT TAP DIRECTLY WITH A HAMMER AS YOU MAY DAMAGE THE POWDER COAT FINISH ON PRODUCT.



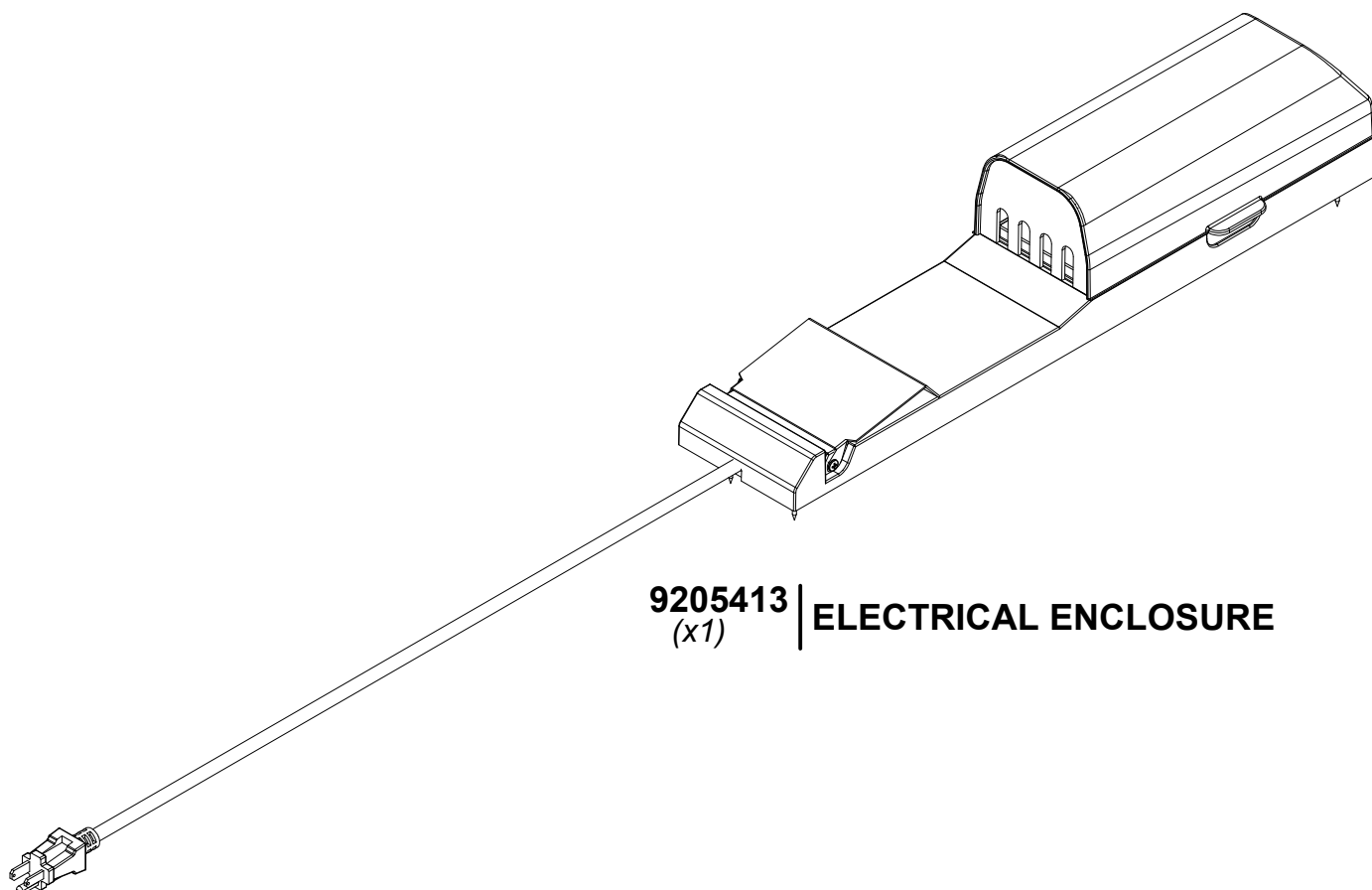
# STEP 45 - ANCHORING

Qty	PartNo	Description
16	H100630	WASHER FLAT 8x19 BLK
16	H100120	CONCRETE ANCHOR

- 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 POST.







**9205413**  
(x1) | **ELECTRICAL ENCLOSURE**

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.