Manufactured by:
Backyard Discovery
3305 Airport Drive, Pittsburg, KS 66762
800-856-4445

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J.P. Coenstraat 7, The Bridge, The Hague, 2595 WP, Netherlands Phone: 08005678990

14x10 EVANSTON STEEL WALL-MOUNTED LOUVERED PERGOLA

MODEL #: 2505049

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

BILT®

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3D INTERACTIVE INSTRUCTIONS
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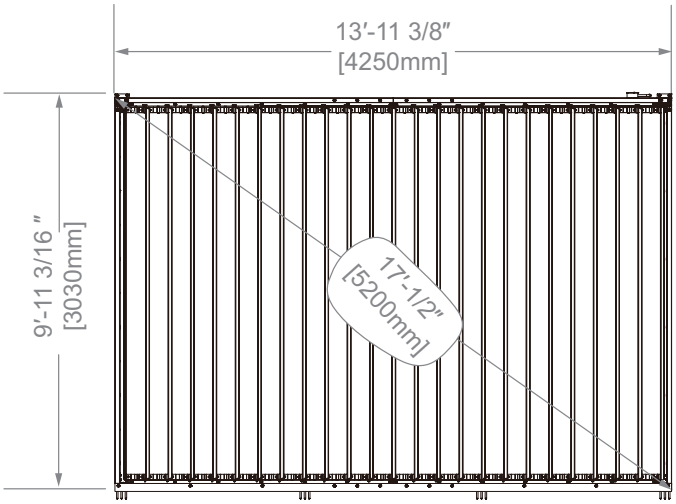
OWNER'S MANUAL - BASIC SETUP DIMENSIONS & ASSEMBLY NOTES

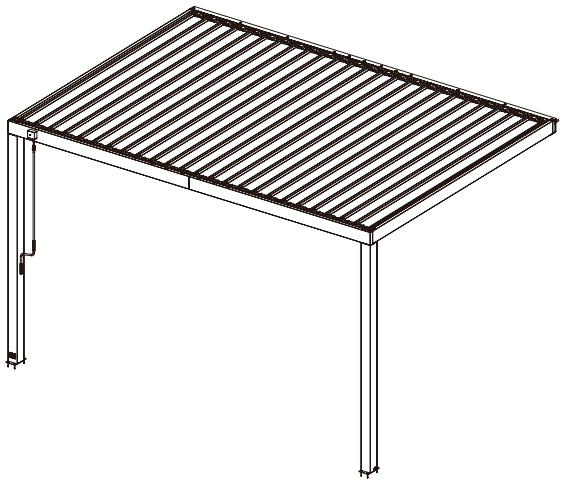
It is critically important that you start with square and level footings, concrete pad or deck to attach your structure.

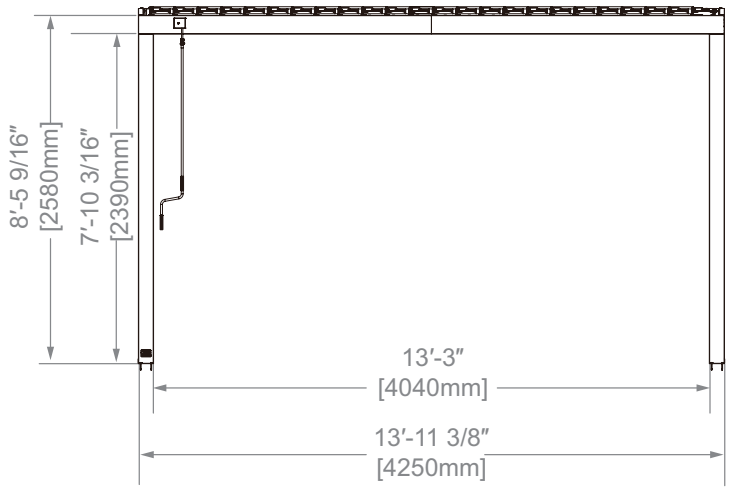
- Pay close attention to the items needed for each step. Make sure you are using the correct hardware for each step. Using incorrect hardware may result in improper assembly
- Remember to double check for underground utilities and overhead electrical lines

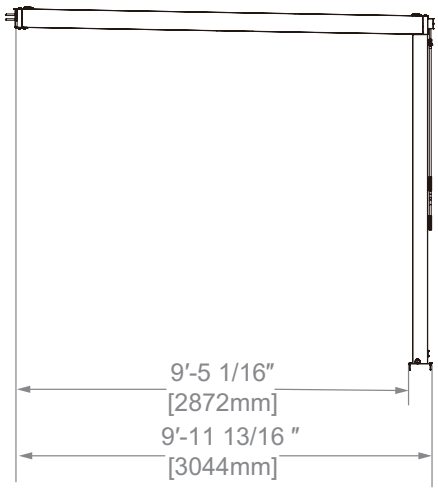
Post mounts are provided with your structure which allows you to permanently install your structure to a pre-existing or new wood or concrete surface. <u>See Anchor Instructions for further details and recommendations.</u>

- 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 attach the structure permanently to a house 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.



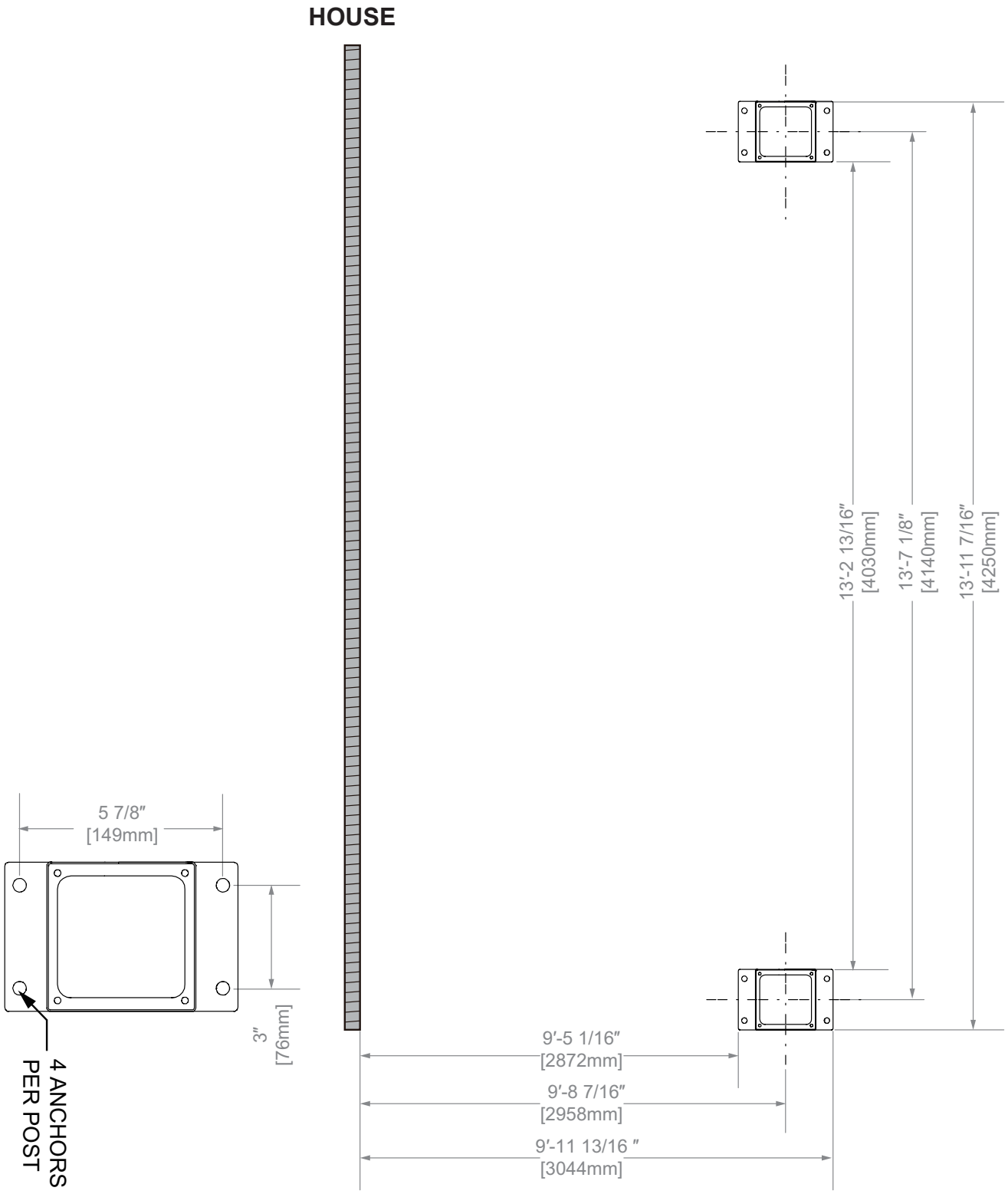






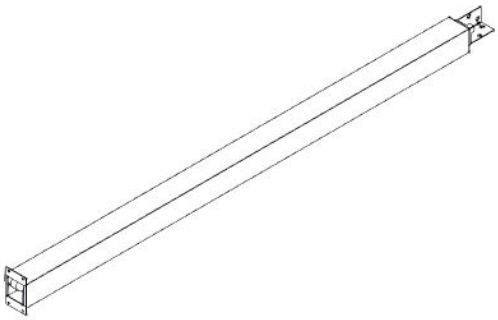
OWNER'S MANUAL - ANCHORING LAYOUT

NOTE: DIMENSIONS ARE TO ANCHOR PLATE ON BOTTOM OF POST EXCEPT WHERE NOTED.

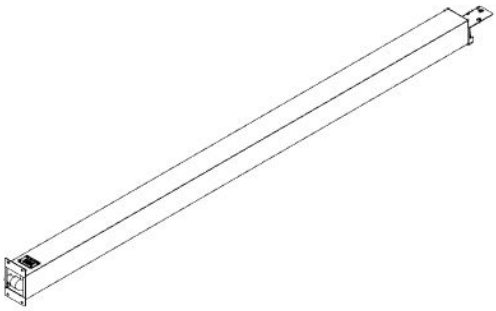


OWNER'S MANUAL - PARTS IDENTIFICATION

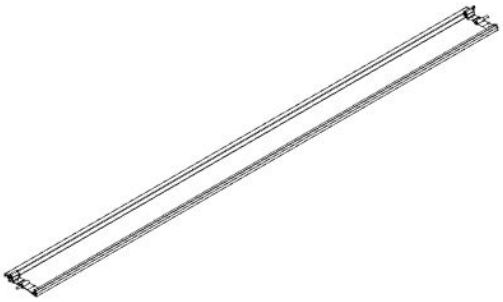
METAL COMPONENTS (NOT TO SCALE)



P02 POST - A4M01984
(x1) 4 5/16"x6 3/4"x99 1/2" (110x172x2527)



P03 POST - A4M02131
(x1) 4 5/16"x6 3/4"x99 1/2" (110x172x2527)



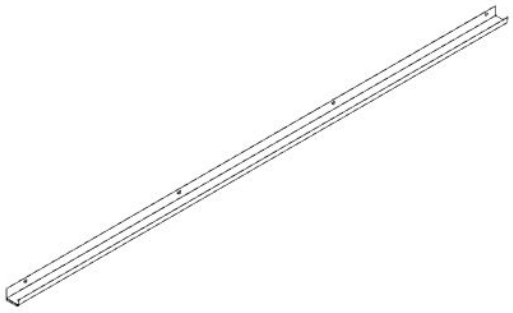
L01 LOUVER ASSEMBLY - A4M04137
(x24) 1 11/16"x7 5/8"x114 5/16" (42x194x2904)



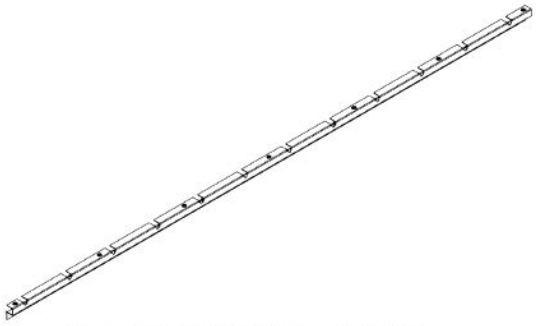
G01 LEFT GUTTER 10FT - A4M03478
(x1) 1 9/16"x1 15/16"x1117 5/16" (40x50x2838)



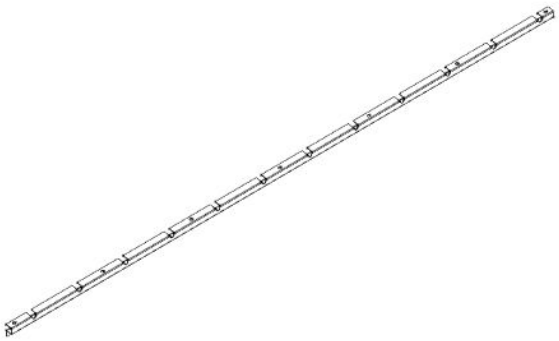
G02 GUTTER - A4M03481
(x1) 1 9/16"x1 15/16"x1117 5/16" (40x50x2838)



G03 GUTTER - A4M01998
(x1) 1 9/16"x1 15/16"x79 7/16" (40x50x2017)



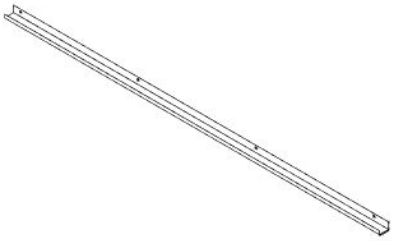
M01 LOUVER MOUNT - A4M01991
(x2) 1"x1 15/16"x79 5/16" (25x49x2015)



M02 LOUVER MOUNT - A4M01992
(x2) 1"x1 15/16"x79 5/16" (25x49x2015)

OWNER'S MANUAL - PARTS IDENTIFICATION

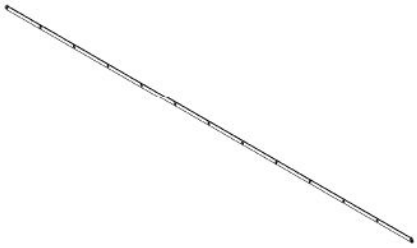
METAL COMPONENTS (NOT TO SCALE)



G04 GUTTER - A4M01999
(x1) 1 9/16"x1 15/16"x79 7/16" (40x50x2017)



F01 FLAT BAR - A4M02129
(x4) 1/16"x1"x79 5/16" (2x25x2015)



F02 LOUVER TIE STRAP - A4M02130
(x4) 1/8"x5/8"x81 7/16" (3x16x2068)



J1 SPLICE BRACKET - A4M02230
(x2) 1 5/16"x5 3/16"x39 3/8" (33.2x131.2x1000)



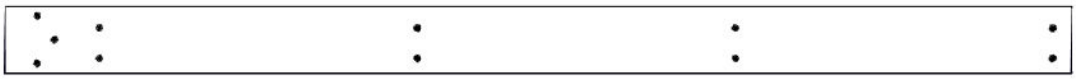
K1 WEATHER STRIP 14FT - A6P01104
(x1) 1 7/16"x5 1/4"x167 5/16" (36x134x4250)



B01 RIGHT BEAM ASSEMBLY - A4M03480
(x1) 1 7/16"x5 1/4"x114 1/2" (36x134x2908)



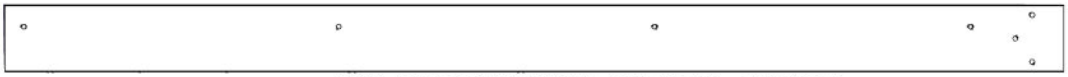
B02 LEFT BEAM ASSEMBLY - A4M03479
(x1) 1 7/16"x5 1/4"x114 1/2" (36x134x2908)



B03 BEAM - A4M01989
(x1) 1 7/16"x5 1/4"x83 11/16" (36x134x2126)



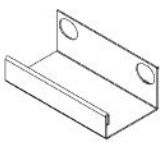
B04 BEAM - A4M01990
(x1) 1 7/16"x5 1/4"x83 11/16" (36x134x2126)



B05 REAR BEAM RIGHT ASSEMBLY - A4M04061
(x1) 1 7/16"x5 1/4"x83 11/16" (36x134x2126)



B06 REAR BEAM LEFT ASSEMBLY - A4M04062
(x1) 1 7/16"x5 1/4"x83 11/16" (36x134x2126)



G05 GUTTER SPLICE - A4M02004
(x1) 1 7/16"x2 1/16"x3 15/16" (36x52.5x100)



F06 SPACER - A4M02227
(x1) 1/16"x2 3/16"x2 3/4" (1.5x56x70)

OWNER'S MANUAL - PARTS IDENTIFICATION

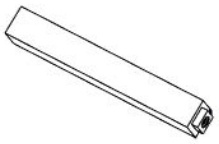
METAL COMPONENTS (NOT TO SCALE)



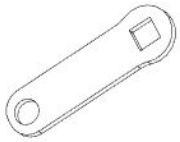
L02 LOUVER DRIVE SIDE PLATE - A4M04139
(x1) 1/16"x2 3/16"x6 9/16" (2x55x167)



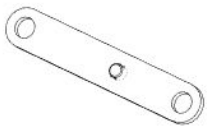
L03 LOUVER SIDE PLATE - A4M04138
(x47) 1/16"x2 3/16"x6 9/16" (2x55x167)



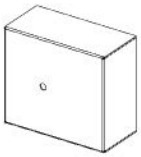
F05 KEY STOCK - A4M02226
(x1) 1/2"x1/2"x3 3/4" (13x13x95)



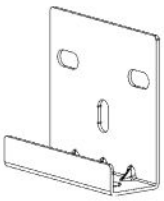
F04 LINKAGE STRAP - A4M02225
(x1) 1/8"x13/16"x2 5/8" (3x20x66)



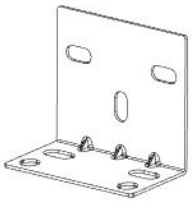
F03 LINKAGE STRAP - A4M02229
(x1) 1/2"x11/16"x3 13/16" (13x17x97)



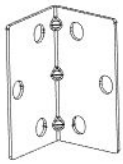
F07 COVER - A4M02228
(x1) 1 9/16"x2 7/8"x3 1/4" (39.5x73x82)



K03 WALL BRACKET - A4M03482
(x2) 2 1/8"x5 3/8"x5 15/16" (54x137x152)



K04 WALL BRACKET - A4M03483
(x2) 3 7/16"x5 7/16"x5 15/16" (87x138x152)



CB01 POST BRACKET - A4M04063
(x2) 2 15/16"x2 15/16"x5 1/4" (74.5x74.5x134)



H01 CRANK HANDLE - A4M04022
(x1)



L04 BODY HALF - A4M02132
(x1) 11/16"x2 1/2"x2 7/8" (17x64x73)



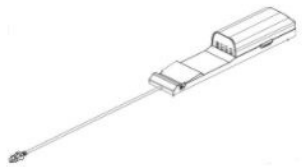
A6P00796 SILICONE
(x1)



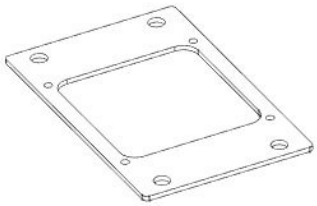
T01 BRACKET TEMPLATE - A6P01169
(x1) 1/8"x5 1/2"x83 3/4" (3x140x2127)



T02 BRACKET TEMPLATE - A6P01170
(x1) 1/8"x5 1/2"x84 3/4" (3x140x2152)



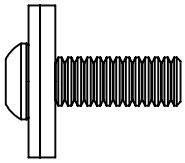
9240063 ELECTRICAL
(x1) ENCLOSURE



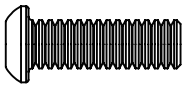
SHIM - A4M04024
(x4) 1/8"x4 3/8"x6 3/4" (3x110x172)

OWNER'S MANUAL - PARTS IDENTIFICATION

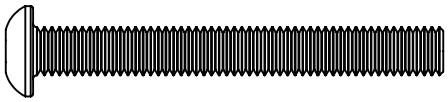
HARDWARE COMPONENTS



H101202 | TORX PAN HEAD 1/4-20x3/4 ASSY
(x118) | 1/4-20x3/4 ASSY



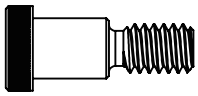
H101101 | TORX PAN HEAD
(x1) | 1/4-20x3/4" BLK



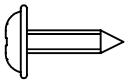
H101126 | TORX PAN HEAD
(x4) | 1/4-20x2 1/8" BLK



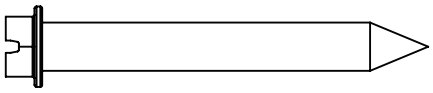
H101187 | BOLT PPH
(x1) | 8-32x1 1/8" BLK



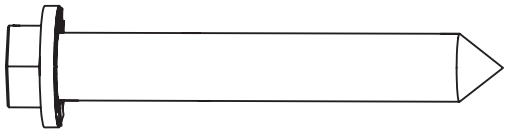
H101189 | LOW PROFILE SHOULDER BOLT
(x2) | 1/4-20x3/8" BLK



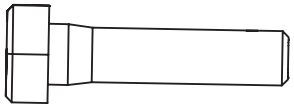
H100408 | SCREW PWH
(x96) | 8x1/2 BLK



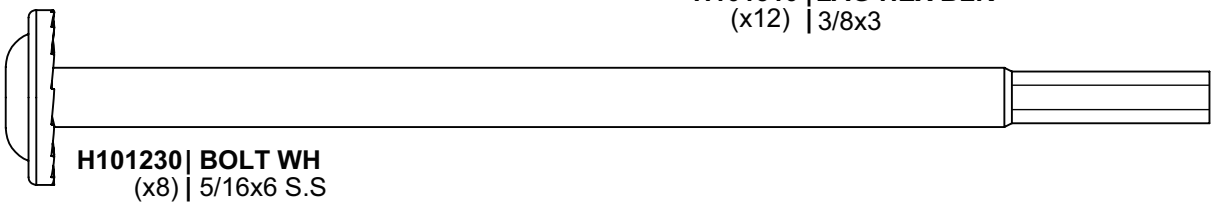
H101305 | CONCRETE ANCHOR
(x8) |



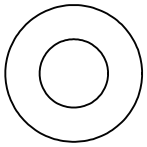
H101165 | CONCRETE ANCHOR
(x12) | 3/8x3" BLK



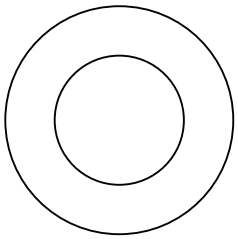
H100481 | BOLT HEX
(x10) | 5/16x1 1/4 BLK



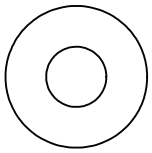
H101230| BOLT WH
(x8) | 5/16x6 S.S



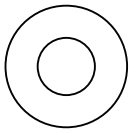
H100474 | WASHER FLAT
(x5) | 9x19 BLK



H100497 | WASHER FLAT
(x12) | 17x30 BLK



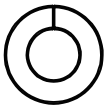
H100630 | WASHER FLAT
(x8) | 8x19 BLK



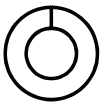
H101316 | WASHER FLAT
(x10) | 8.5x30 BLK



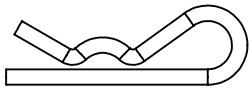
H100653 | NUT LOCK
(x2) | 1/4 BLK



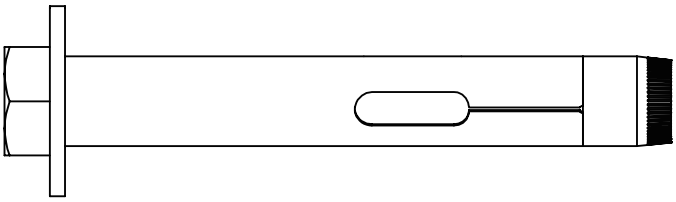
H100477 | WASHER SPLIT
(x10) | 5/16 BLK



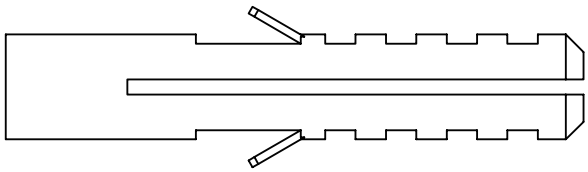
H100774 | WASHER SPLIT
(x1) | 1/4 BLK



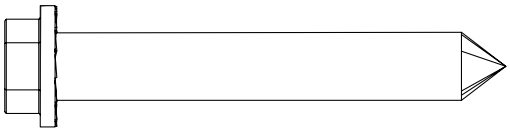
H101161 | COTTER PIN
(x48) |



H101313 | EXPANSION ANCHOR
(x12) |



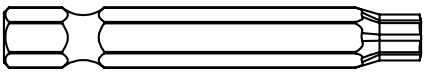
H101311 | PLASTIC ANCHOR
(x12) | 3/8



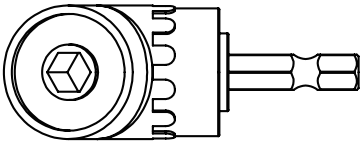
H101310 | LAG HEX BLK
(x12) | 3/8x3

OWNER'S MANUAL - PARTS IDENTIFICATION

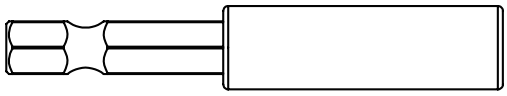
HARDWARE COMPONENTS



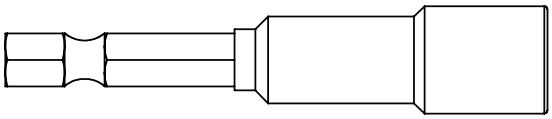
H100147 | TORX BIT
(x1) | T-30



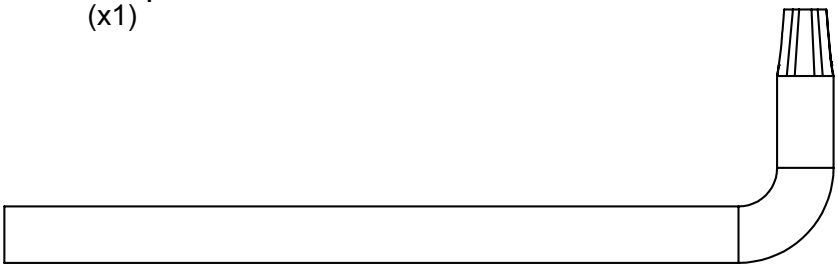
H101114 | RIGHT ANGLE
(x1) | **DRILL ADAPTER**



H101100 | MAGNETIC DRIVER
(x1)



H101106 | SOCKET DRIVER
(x1)



H100114 | TORX BIT
(x1) | T-30

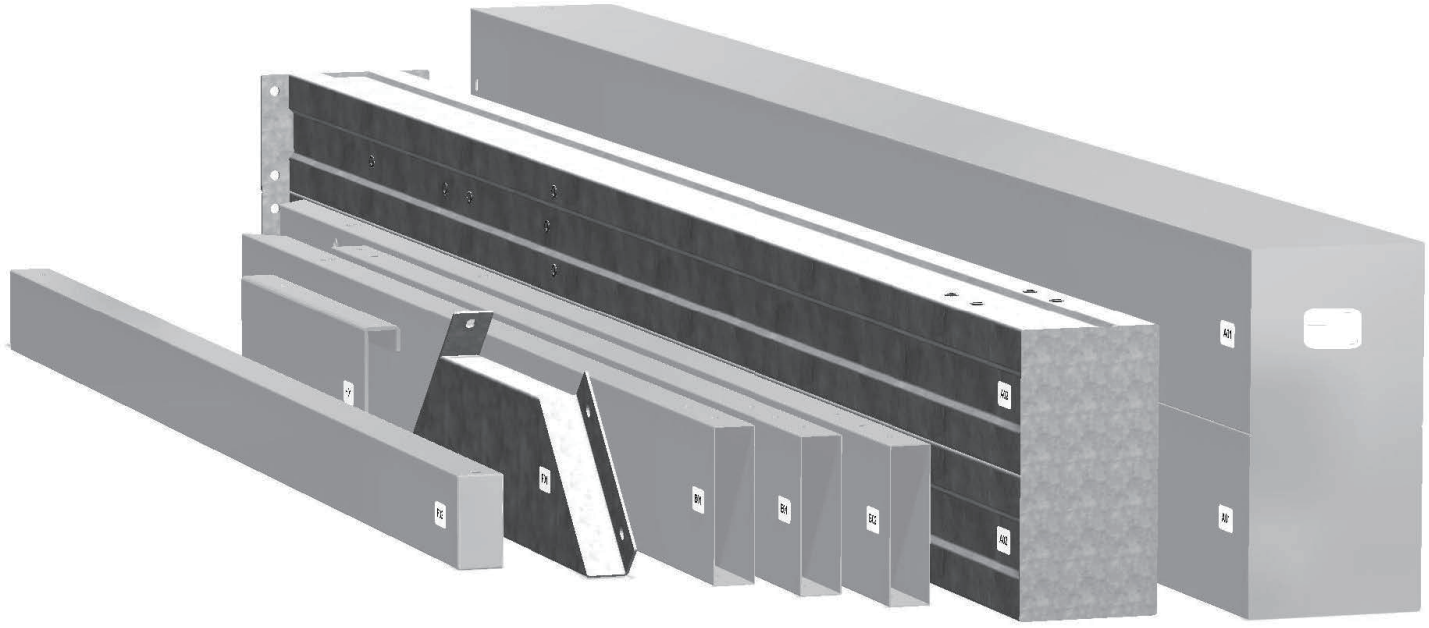
PRE-ASSEMBLY STEP 1 - SORTING PARTS

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 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 NUMBER.
IT IS RECOMMENDED TO LEAVE LOUVER ASSEMBLIES IN BOX UNTIL NEEDED.



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"



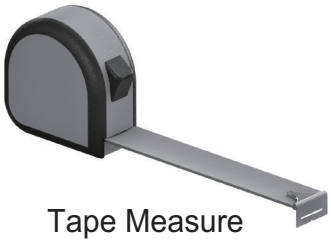
3/8" Drive Ratchet, 1/2" &
7/16" STD Sockets 1/2" & 7/16"
Deep Sockets



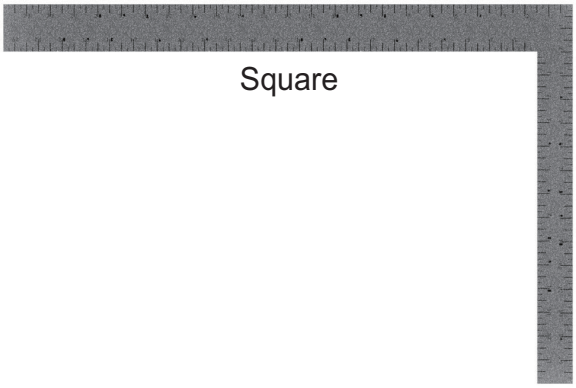
Claw Hammer



Rubber Mallet -
Optional



Tape Measure



Square

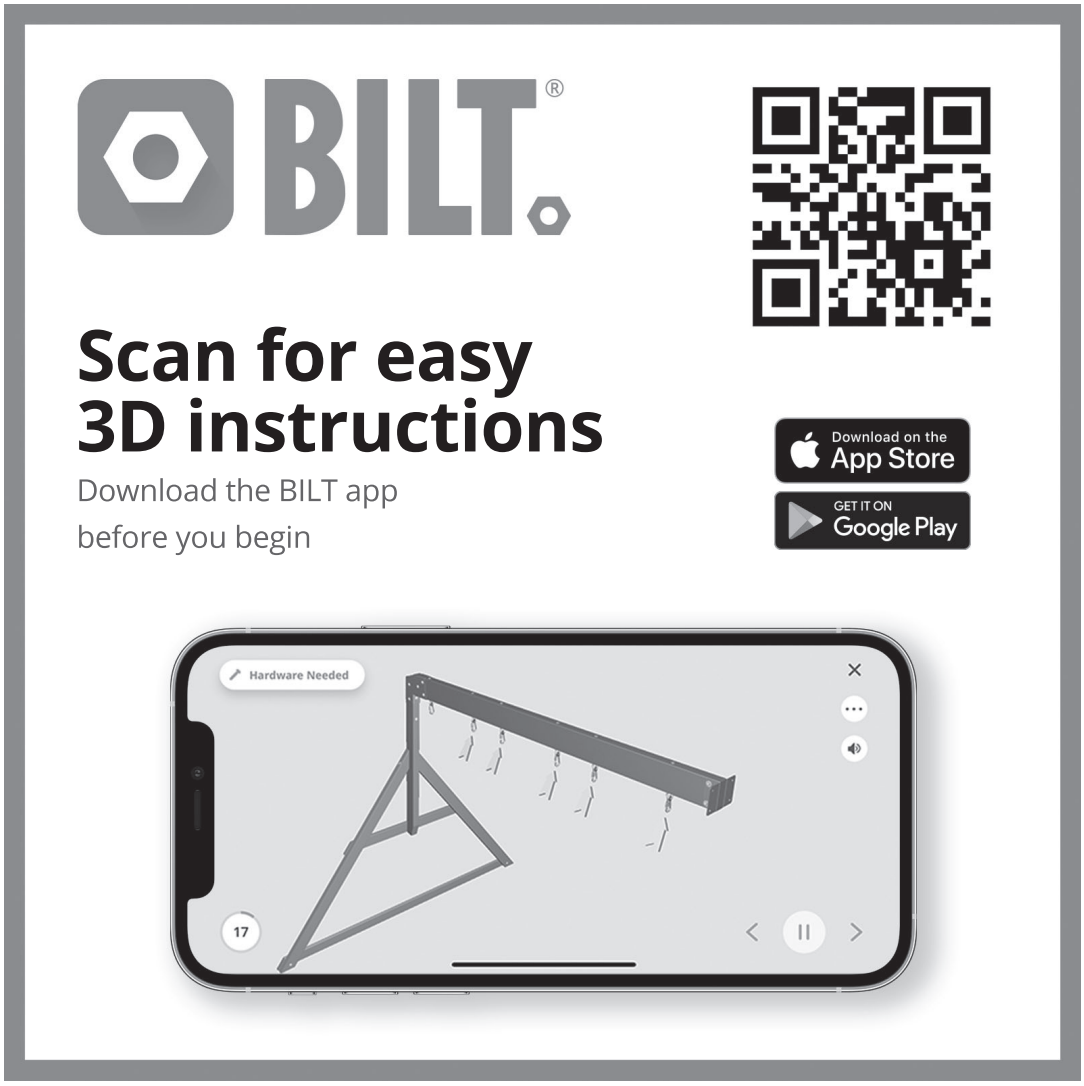


Level 24"

PRE-ASSEMBLY STEP 3 - CHOOSE YOUR ASSEMBLY METHOD

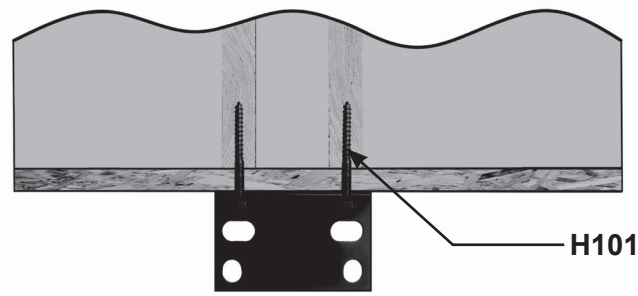
<u>There are several types of assembly instructions available to you.</u>

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)**

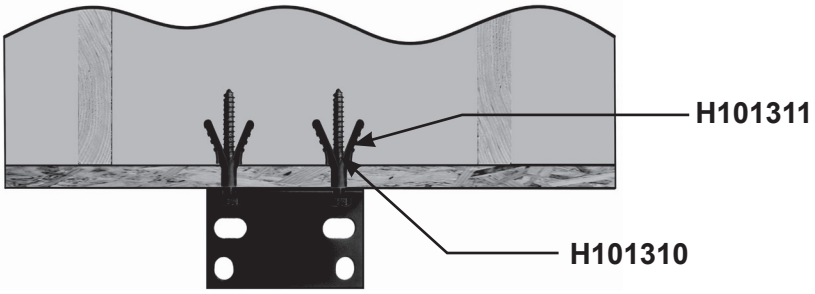


OWNER'S MANUAL - WALL ATTACHMENT TYPES

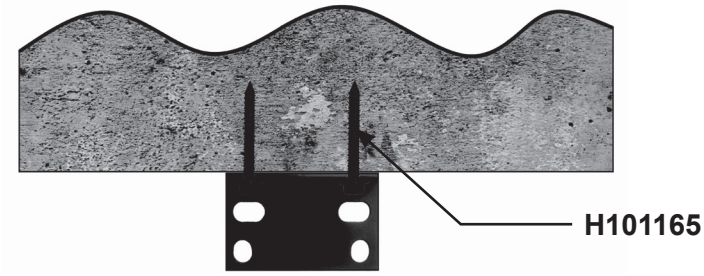
Determine which wall attachment type works best for your application. If unknown consult a licensed contractor. The recommended hardware below is provided. Backyard Discovery does not assume responsibility for any damages to your house.



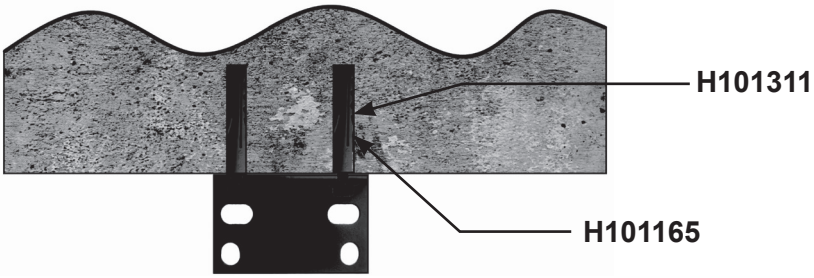
ATTACHING TO WALL WITH LAG SCREWS



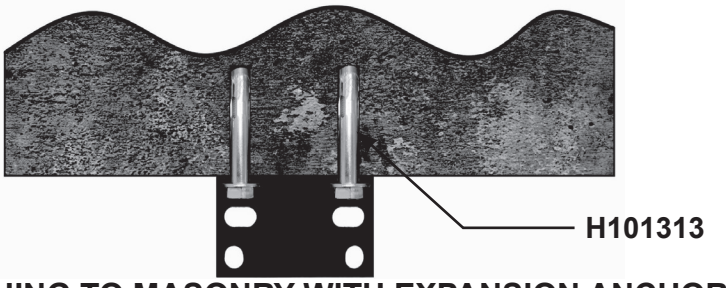
ATTACHING TO WALL WITH LAGS USING PLASTIC ANCHORS



ATTACHING TO MASONRY WITH CONCRETE ANCHORS



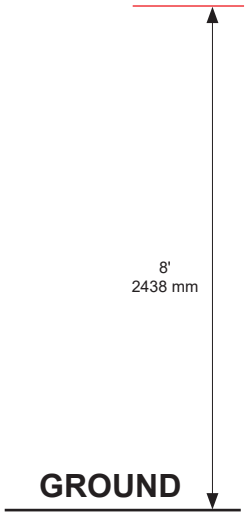
ATTACHING TO MASONRY WITH CONCRETE ANCHORS USING PLASTIC ANCHORS



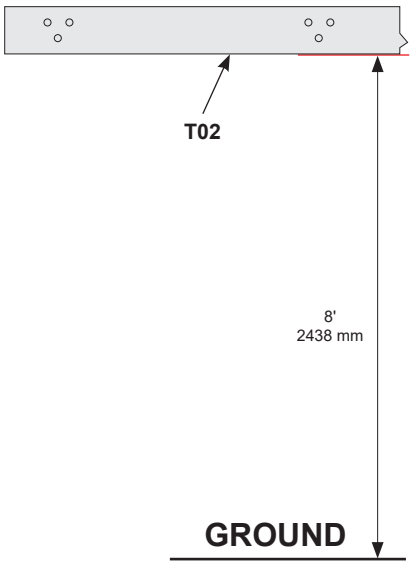
ATTACHING TO MASONRY WITH EXPANSION ANCHORS

STEP 1 - WALL BRACKET LOCATION LAYOUT

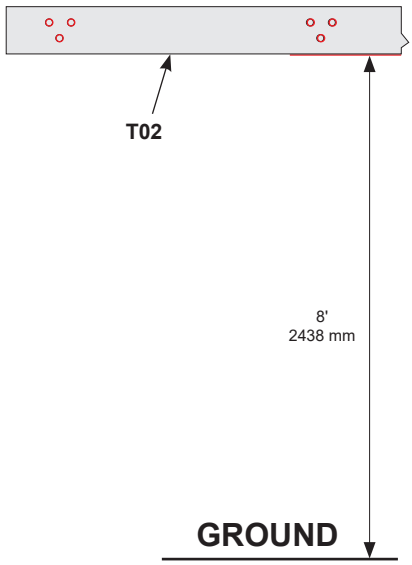
1. DRAW A STRAIGHT LINE 2438MM OFF THE GROUND.



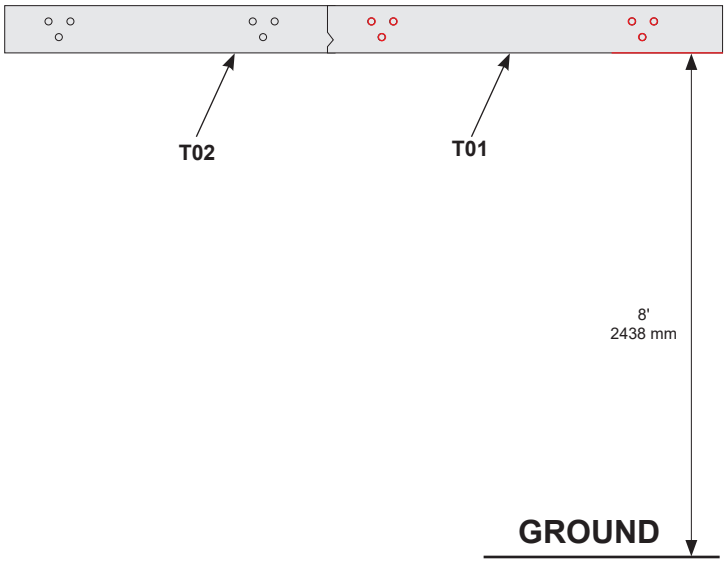
2. ALIGN THE BOTTOM OF T02 WITH THE STRAIGHT LINE AND KEEP IT LEVEL BY USING A 24" LEVEL.



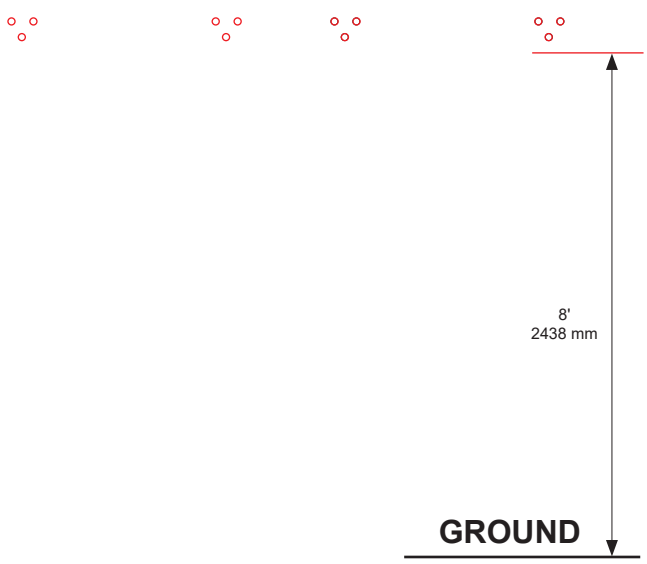
3. DRAW 6 CIRCLES ACCORDING TO HOLES IN T02.



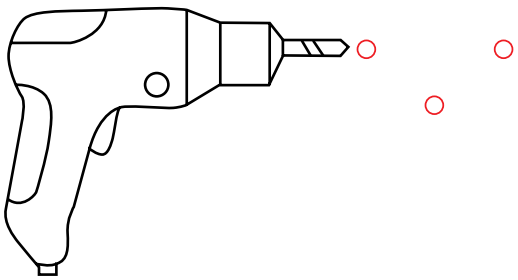
4. ALIGN T01 WITH T02 AND KEEP T01 LEVEL BY USING A 24" LEVEL.

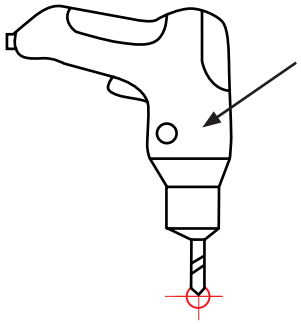


5. DRAW 6 CIRCLES ACCORDING TO HOLES IN T01.



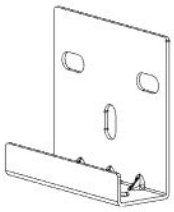
6. DRILL INTO THE WALL AT THE CENTER OF EACH CIRCLE. DRILL SIZE DETAILS ARE OUTLINED IN STEP 2A-E, DEPENDING ON WHAT ANCHORS YOU ARE USING.



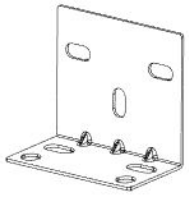


CRITICAL: ALL HOLES MUST BE LEVEL ACROSS THE 4 BRACKETS.

STEP 2A - WALL BRACKET INSTALLATION USING CONCRETE ANCHORS



K03 WALL BRACKET - A4M03482
(x2) 2 1/8"x5 3/8"x5 15/16" (54x137x152)

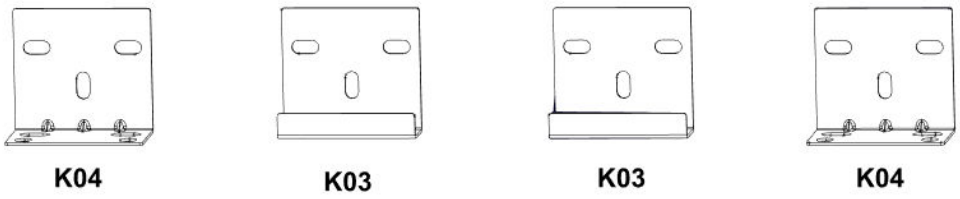


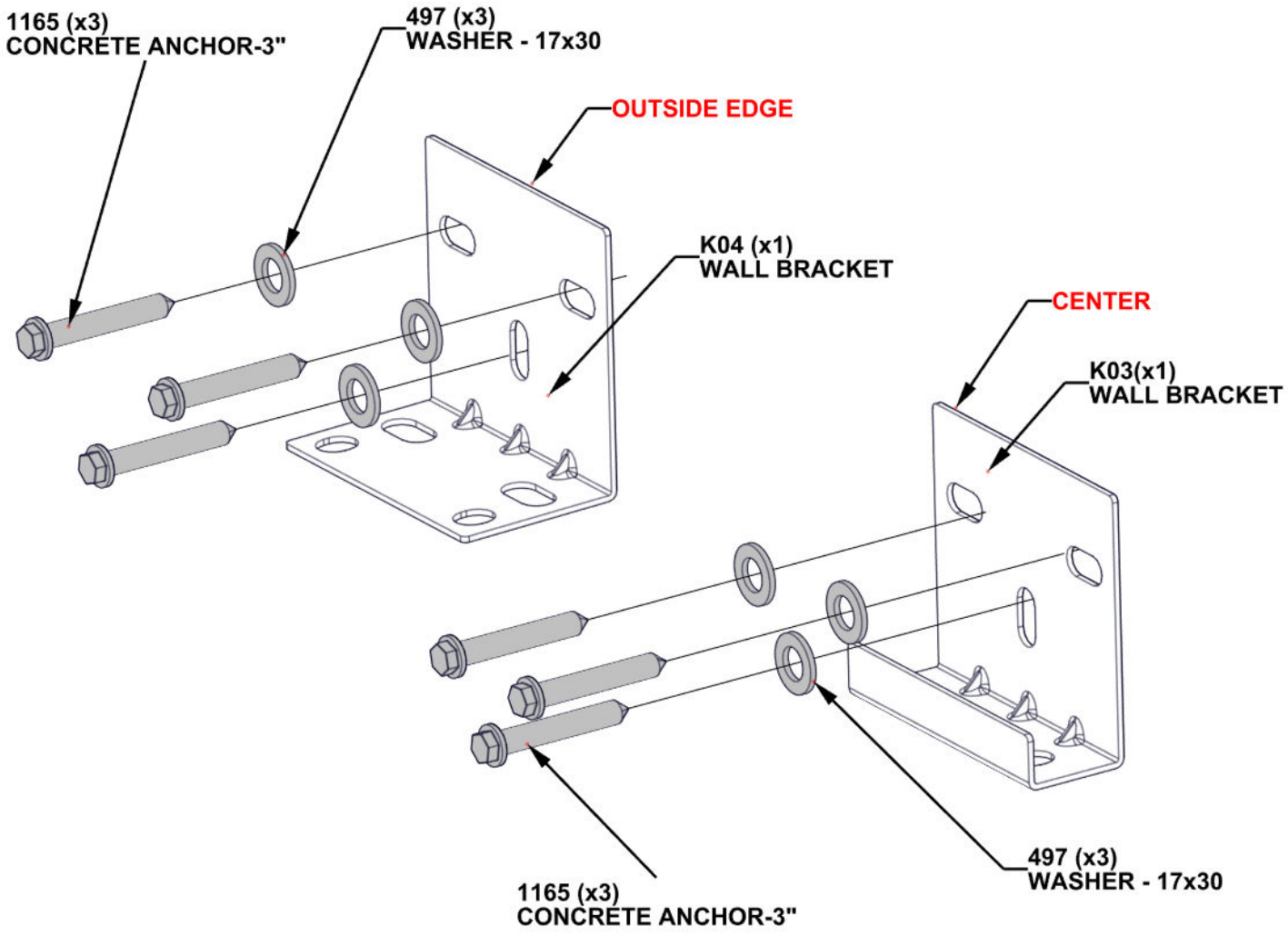
K04 WALL BRACKET - A4M03483
(x2) 3 7/16"x5 7/16"x5 15/16" (87x138x152)

Qty	PartNo	Description
12	H100497	WASHER FLAT 17x30 BLK
12	H101165	CONCRETE ANCHOR 3/8x3" BLK

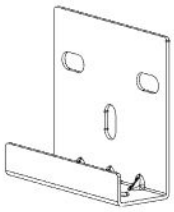
- DRILL 12 Φ5/16"/8mm HOLES IN THE WALL ACCORDING TO LAYOUT IN STEP 1.
- INSTALL WALL BRACKETS WITH CONCRETE ANCHORS.
- THE INSTALLATION HEIGHT OF WALL BRACKETS WILL BE A LITTLE HIGHER THAN THE HEIGHT OF P02 (POST), SO THE TOP HAS A SLIGHT ANGLE TO FACILITATE DRAINAGE.
- REPEAT THIS STEP TWO TIMES.

BRACKET LAYOUT

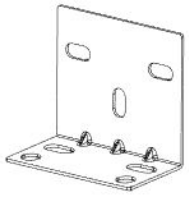




STEP 2B - WALL BRACKET INSTALLATION USING CONCRETE ANCHORS AND PLASTIC ANCHORS



K03 WALL BRACKET - A4M03482
(x2) 2 1/8"x5 3/8"x5 15/16" (54x137x152)

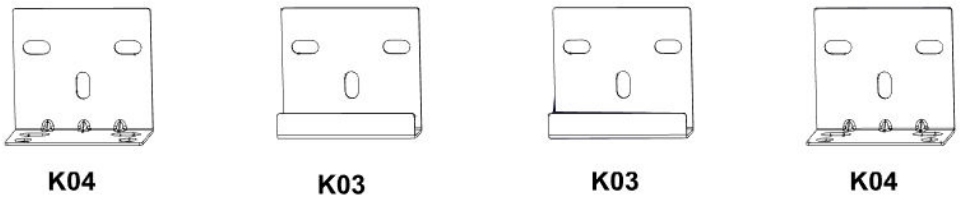


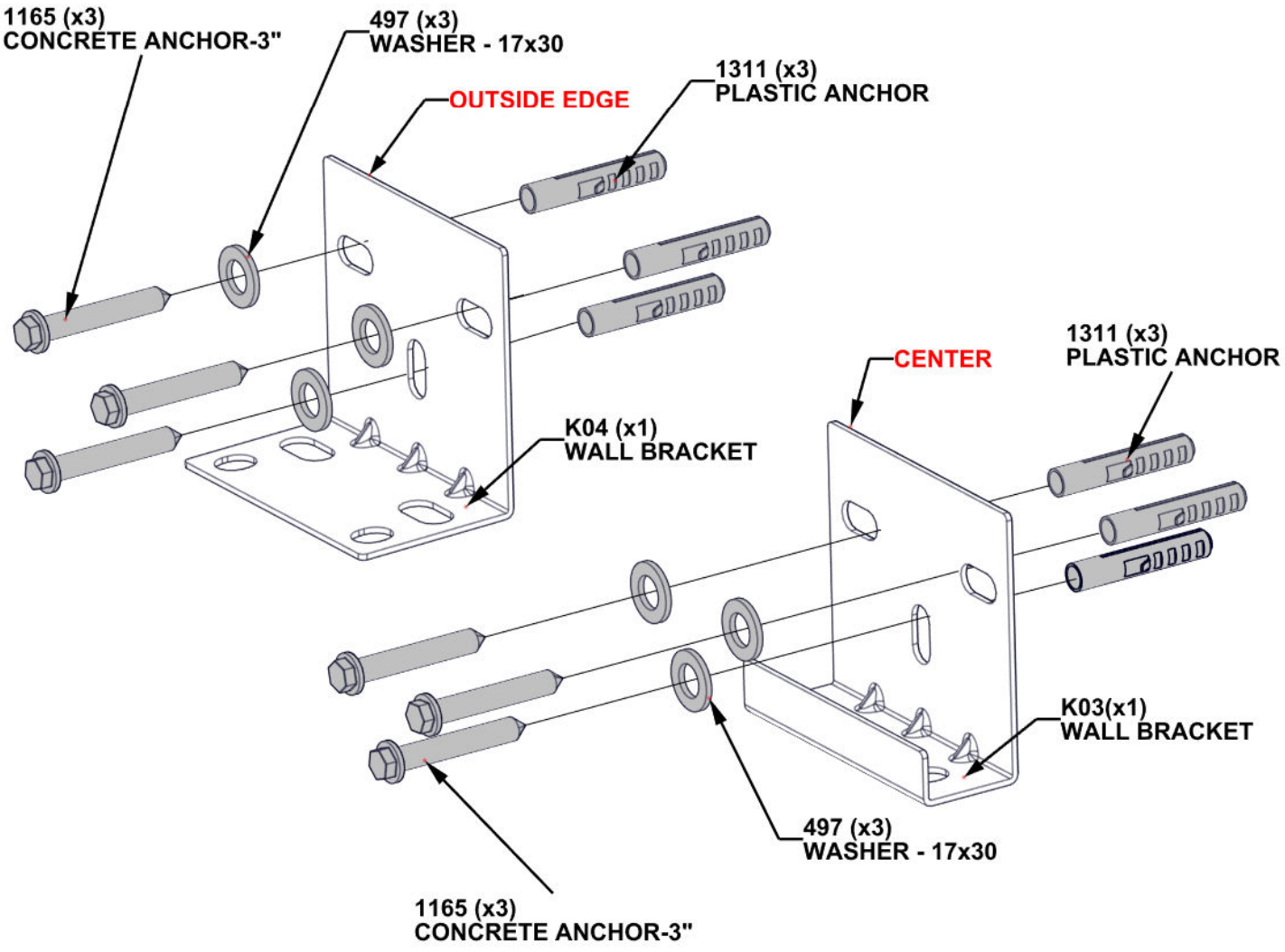
K04 WALL BRACKET - A4M03483
(x2) 3 7/16"x5 7/16"x5 15/16" (87x138x152)

Qty	PartNo	Description
12	H100497	WASHER FLAT 17x30 BLK
12	H101311	PLASTIC ANCHOR
12	H101165	CONCRETE ANCHOR 3/8x3" BLK

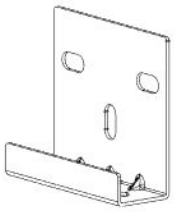
- DRILL 12 Φ1/2"/12mm HOLES IN THE WALL ACCORDING TO LAYOUT IN STEP 1.
- INSTALL WALL BRACKETS WITH PLASTIC ANCHORS AND CONCRETE ANCHORS.
- THE INSTALLATION HEIGHT OF WALL BRACKETS WILL BE A LITTLE HIGHER THAN THE HEIGHT OF P02 (POST), SO THE TOP HAS A SLIGHT ANGLE TO FACILITATE DRAINAGE.
- REPEAT THIS STEP TWO TIMES.

BRACKET LAYOUT

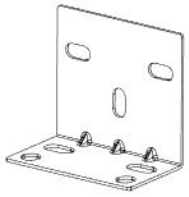




STEP 2C - WALL BRACKET INSTALLATION USING LAG SCREWS



K03 WALL BRACKET - A4M03482
(x2) 2 1/8"x5 3/8"x5 15/16" (54x137x152)

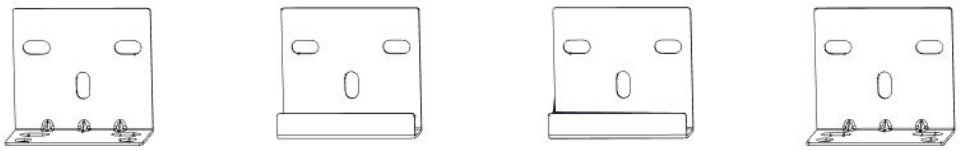


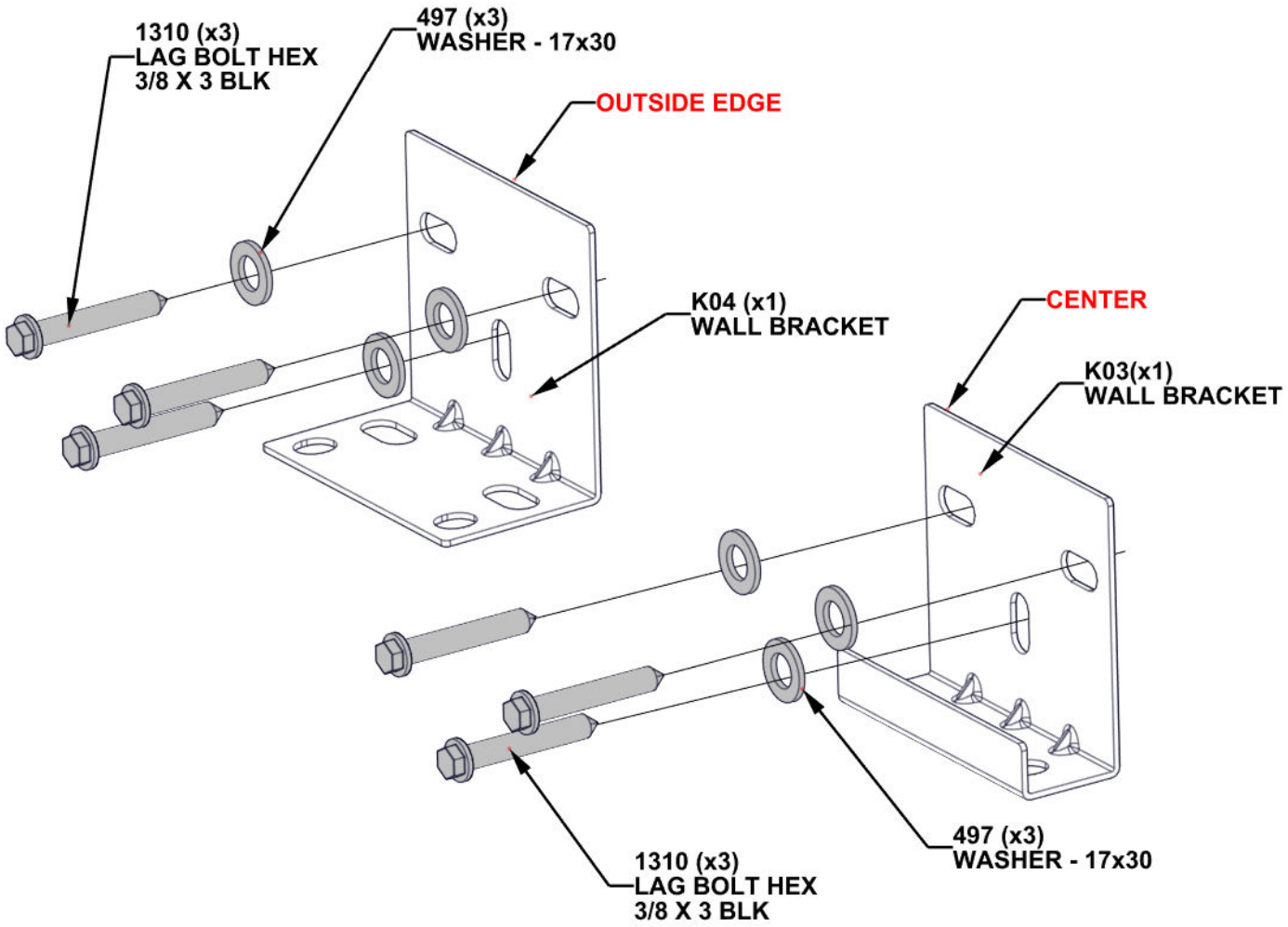
K04 WALL BRACKET - A4M03483
(x2) 3 7/16"x5 7/16"x5 15/16" (87x138x152)

Qty	PartNo	Description
12	H100497	WASHER FLAT 17x30 BLK
12	H101310	LAG BOLT HEX 3/8 X 3

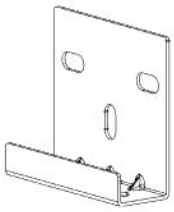
- DRILL 12 Φ1/4"/7mm HOLES IN THE WALL ACCORDING TO LAYOUT IN STEP 1.
- INSTALL WALL BRACKETS WITH LAG SCREWS.
- THE INSTALLATION HEIGHT OF WALL BRACKETS WILL BE A LITTLE HIGHER THAN THE HEIGHT OF P02 (POST), SO THE TOP HAS A SLIGHT ANGLE TO FACILITATE DRAINAGE.
- REPEAT THIS STEP TWO TIMES.

BRACKET LAYOUT

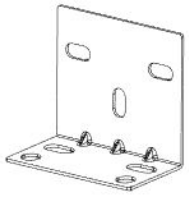




STEP 2D - WALL BRACKET INSTALLATION USING LAG SCREWS AND PLASTIC ANCHORS



K03 WALL BRACKET - A4M03482
(x2) 2 1/8"x5 3/8"x5 15/16" (54x137x152)

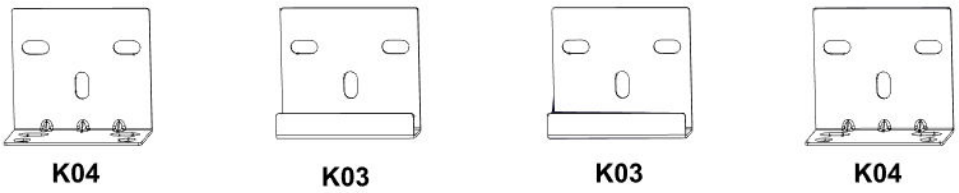


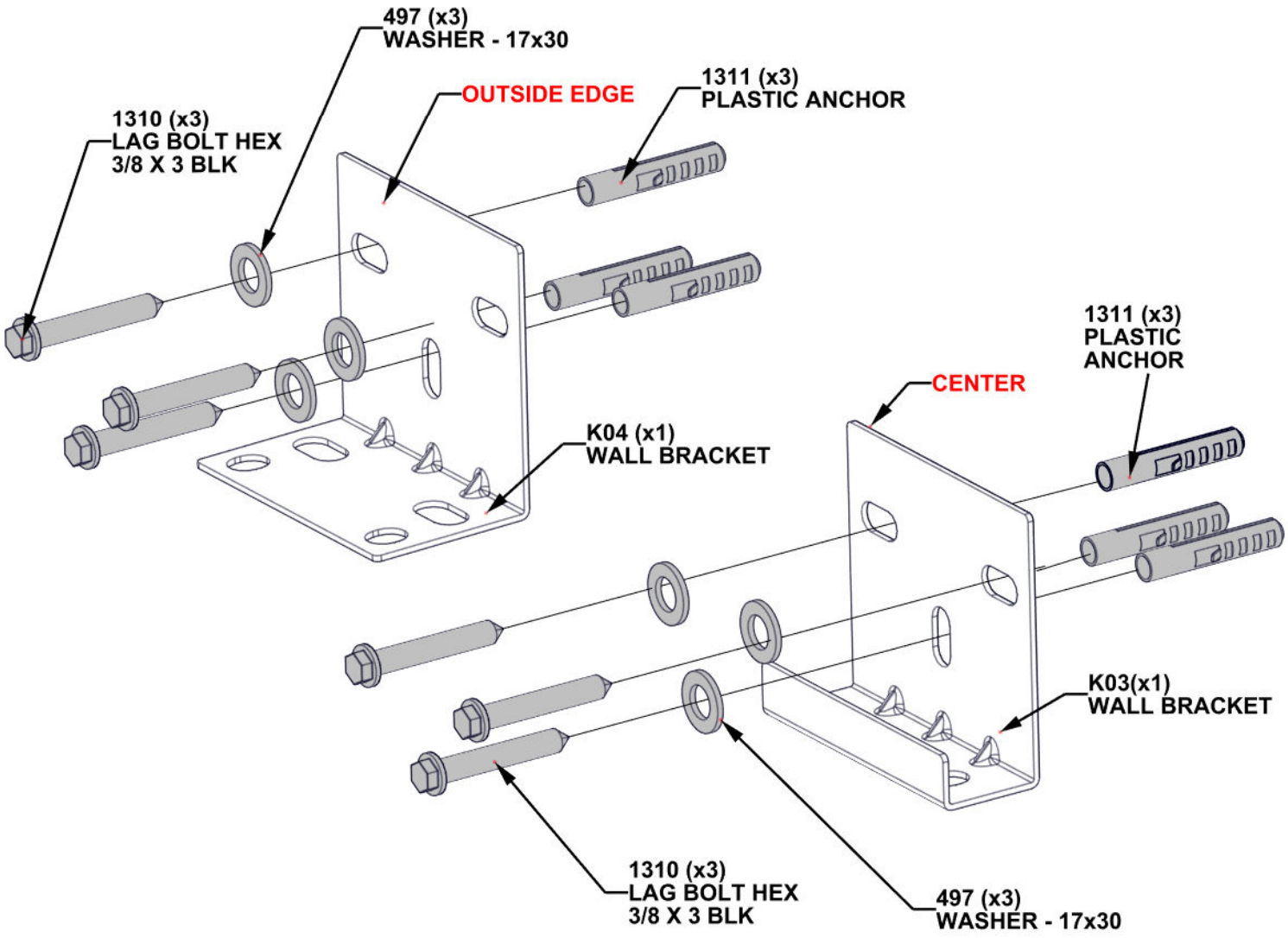
K04 WALL BRACKET - A4M03483
(x2) 3 7/16"x5 7/16"x5 15/16" (87x138x152)

Qty	PartNo	Description
12	H100497	WASHER FLAT 17x30 BLK
12	H101311	PLASTIC ANCHOR
12	H101310	LAG BOLT HEX 3/8 X 3

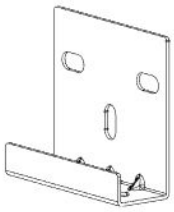
- DRILL 12 Φ1/2"/12mm HOLES IN THE WALL ACCORDING TO LAYOUT IN STEP 1.
- INSTALL WALL BRACKETS WITH PLASTIC ANCHORS AND LAG SCREWS.
- THE INSTALLATION HEIGHT OF WALL BRACKETS WILL BE A LITTLE HIGHER THAN THE HEIGHT OF P02 (POST), SO THE TOP HAS A SLIGHT ANGLE TO FACILITATE DRAINAGE.
- REPEAT THIS STEP TWO TIMES.

BRACKET LAYOUT

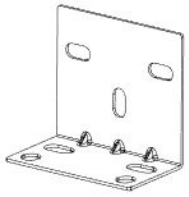




STEP 2E - WALL BRACKET INSTALLATION USING EXPANSION ANCHORS



K03 WALL BRACKET - A4M03482
(x2) 2 1/8"x5 3/8"x5 15/16" (54x137x152)

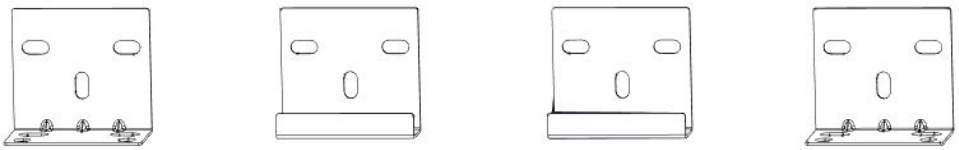


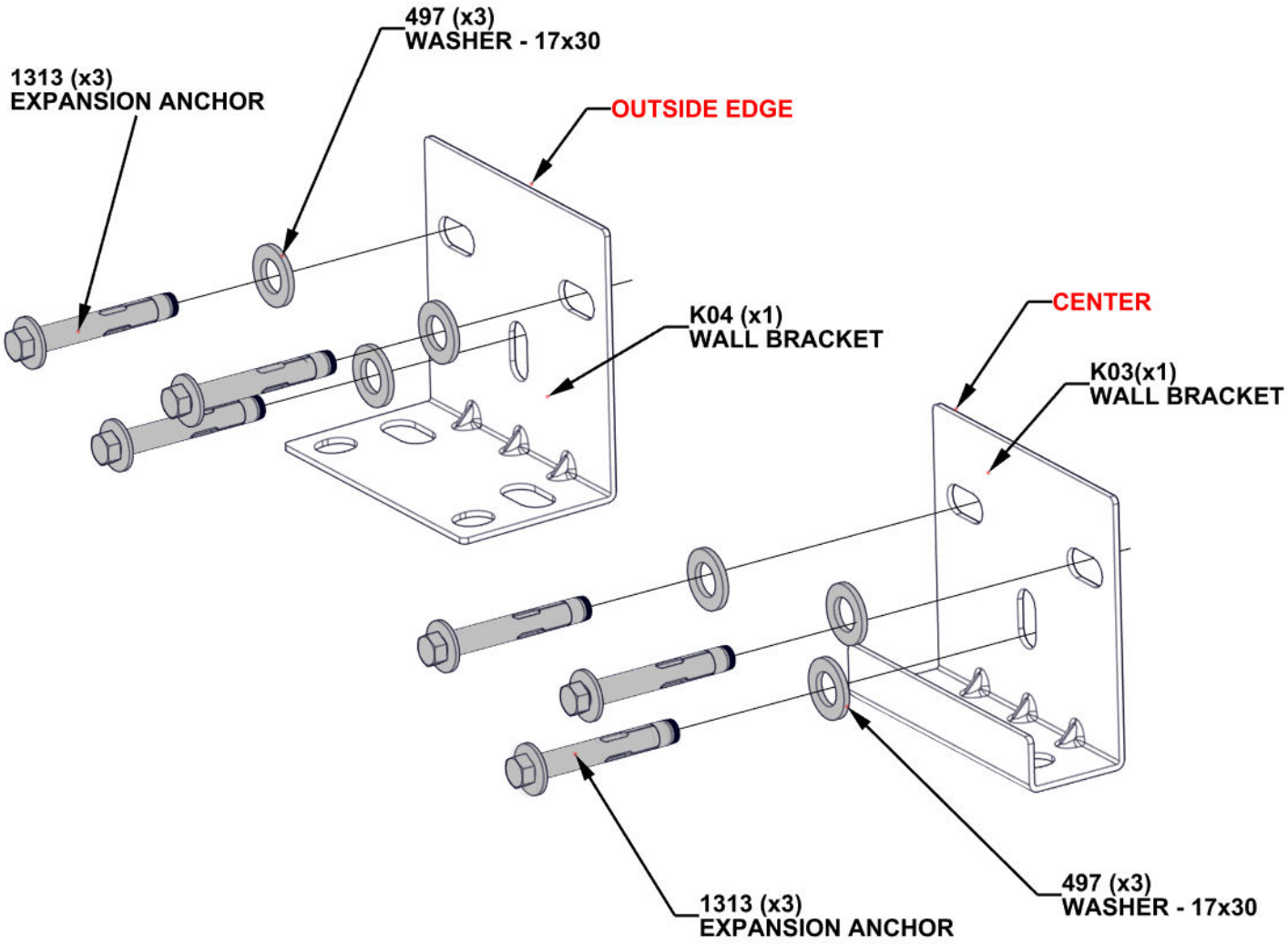
K04 WALL BRACKET - A4M03483
(x2) 3 7/16"x5 7/16"x5 15/16" (87x138x152)

Qty	PartNo	Description
12	H100497	WASHER FLAT 17x30 BLK
12	H101313	EXPANSION ANCHOR

- DRILL 12 Φ3/8"/10mm HOLES IN THE WALL ACCORDING TO LAYOUT IN STEP 1.
- INSTALL WALL BRACKETS WITH EXPANSION ANCHORS.
- THE INSTALLATION HEIGHT OF WALL BRACKETS WILL BE A LITTLE HIGHER THAN THE HEIGHT OF P02 (POST), SO THE TOP HAS A SLIGHT ANGLE TO FACILITATE DRAINAGE.
- REPEAT THIS STEP TWO TIMES.

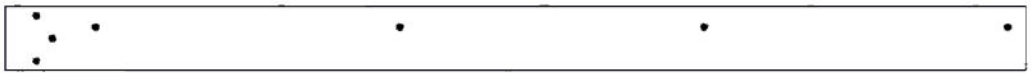
BRACKET LAYOUT





STEP 3A - REAR BEAM ASSEMBLY

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

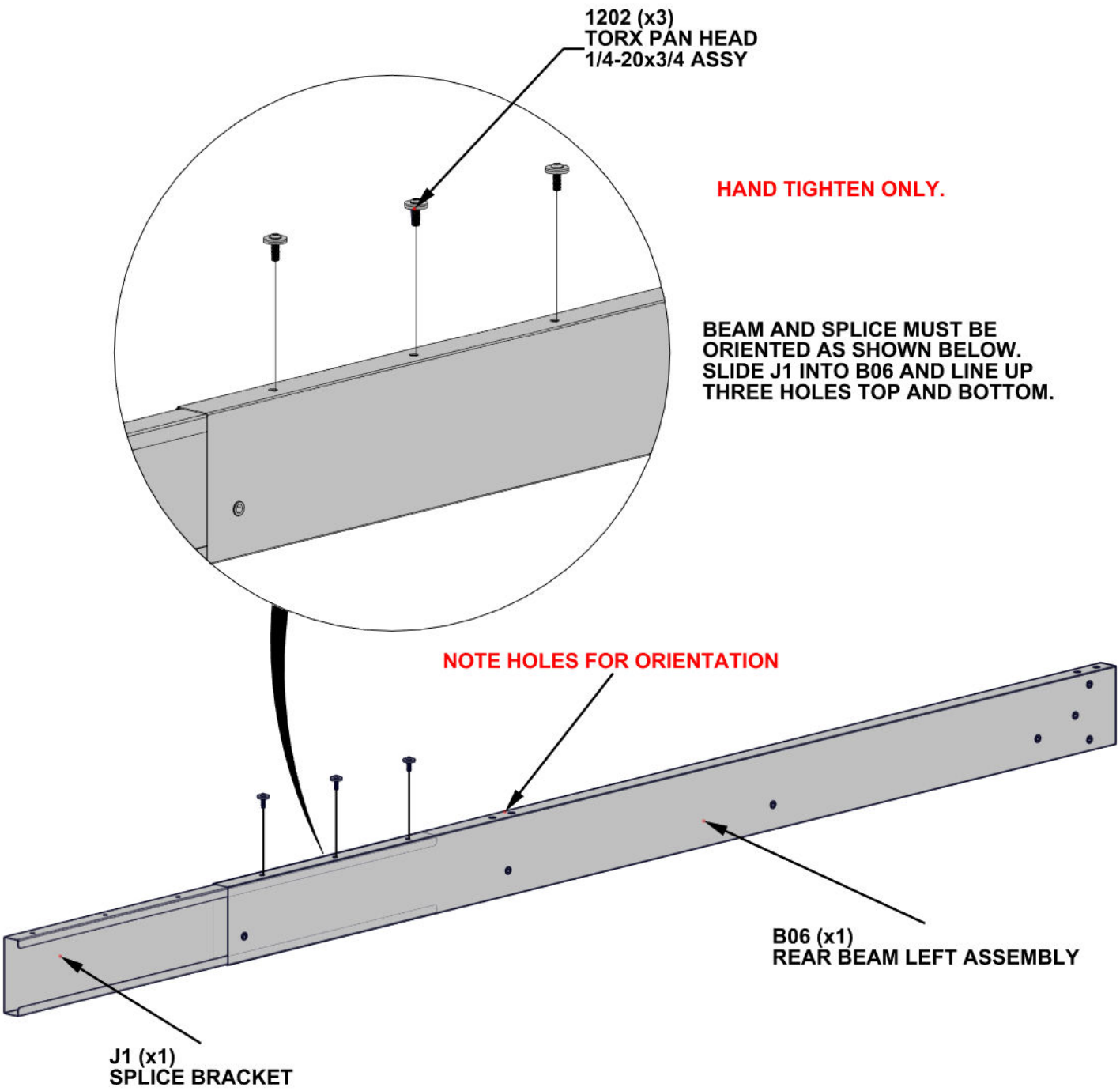


B06 REAR BEAM LEFT ASSEMBLY - A4M04062
(x1) 1 7/16"x5 1/4"x83 11/16" (36x134x2126)



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

- FOR EASE OF ASSEMBLY, WE RECOMMEND USING SAWHORSES FOR STEPS 3A - 7.



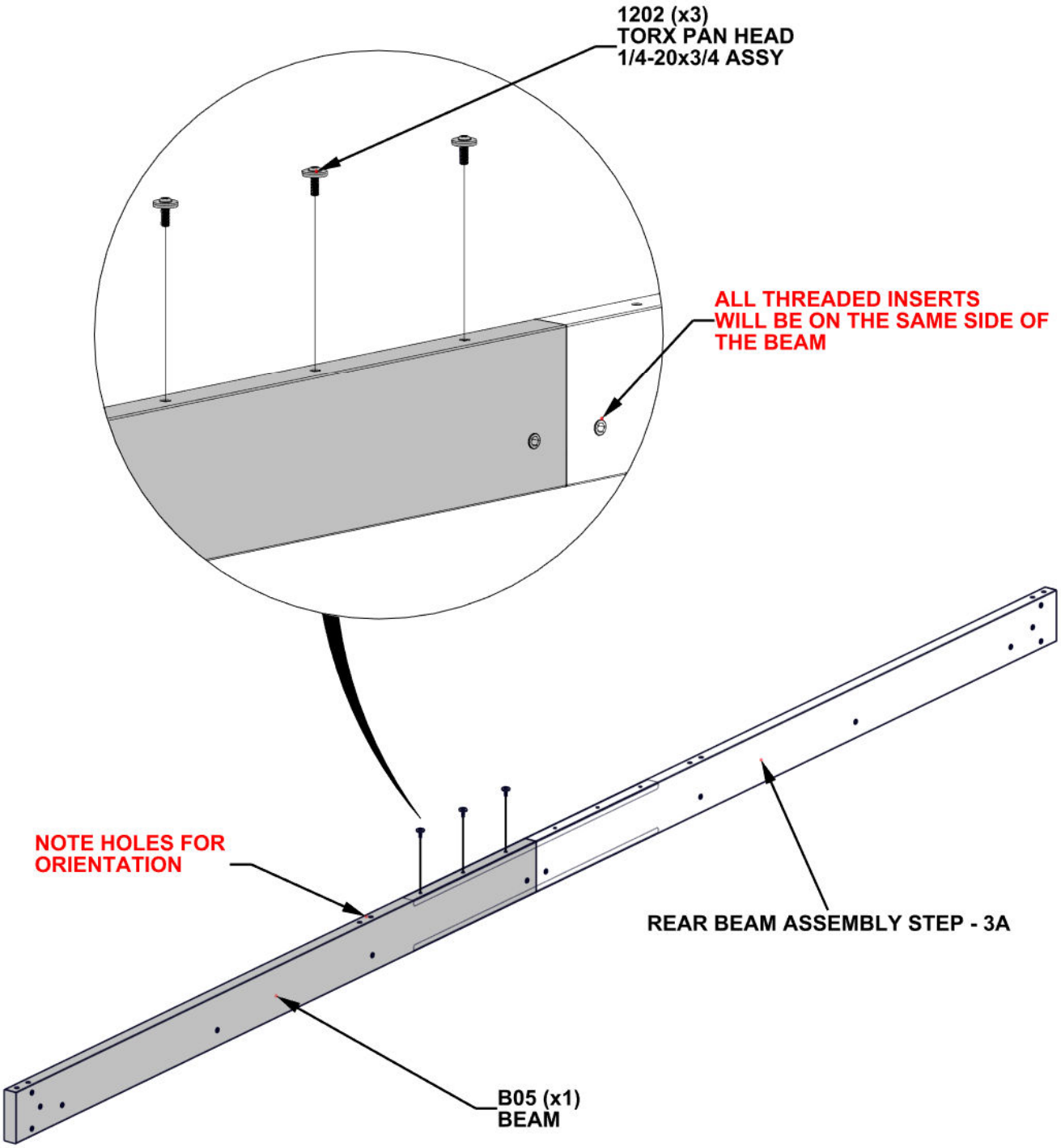
STEP 3B - REAR BEAM ASSEMBLY

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

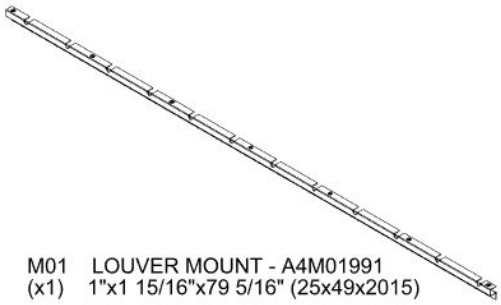


B05 REAR BEAM RIGHT ASSEMBLY - A4M04061
(x1) 1 7/16"x5 1/4"x83 11/16" (36x134x2126)

- SLIDE B05 ONTO SPLICE BRACKET. GENTLY TAP ENDS OF ASSEMBLY WITH RUBBER MALLET UNTIL GAP CLOSES, THEN TIGHTEN ALL BOLTS ON BEAM.



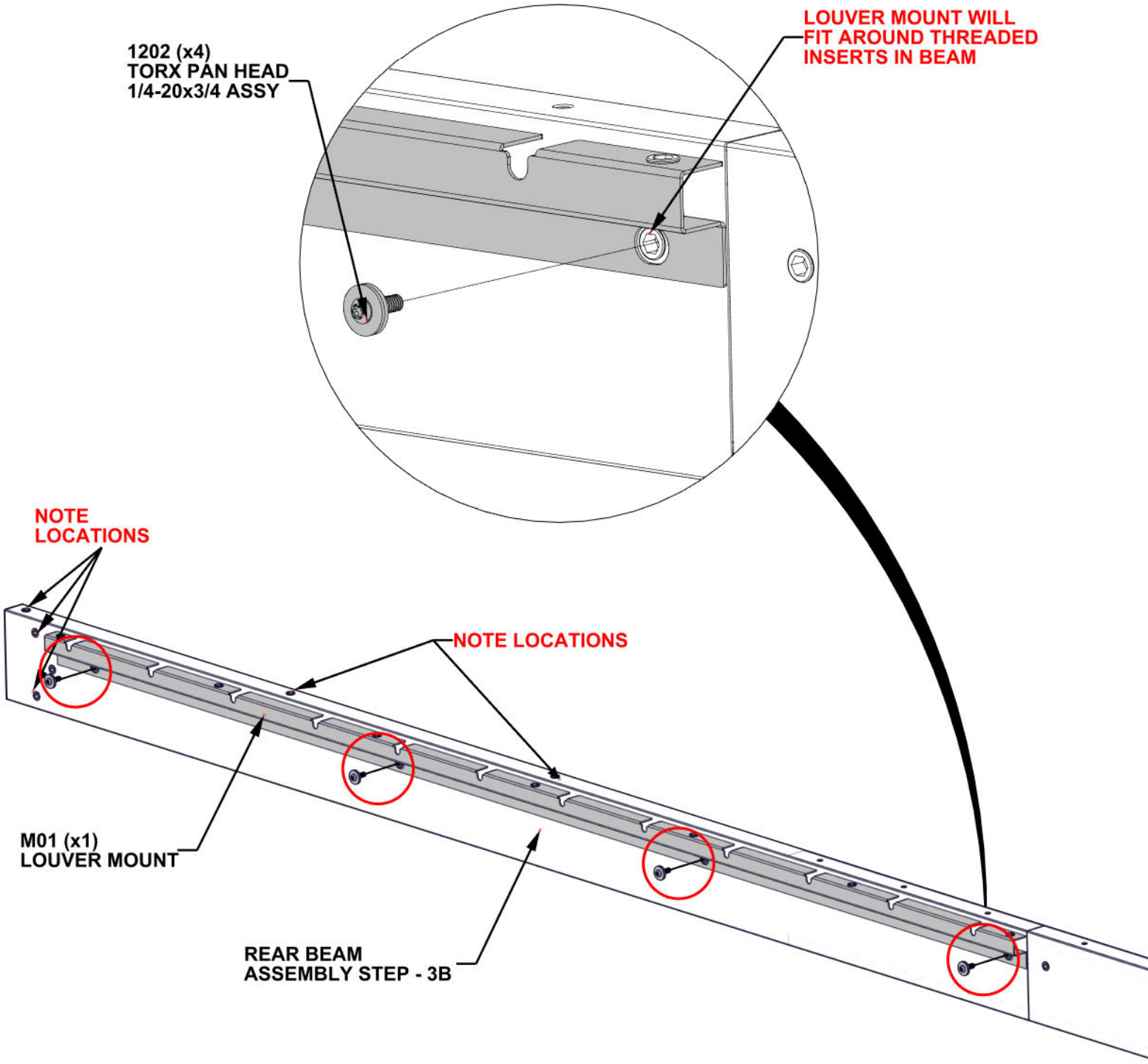
STEP 4A - REAR BEAM LOUVER MOUNT



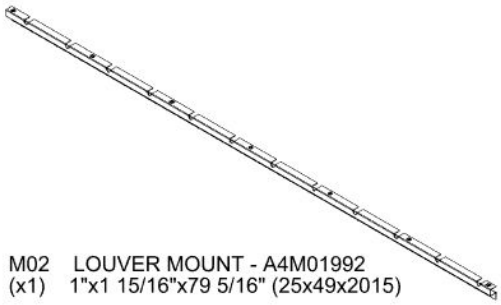
M01 LOUVER MOUNT - A4M01991
(x1) 1"x1 15/16"x79 5/16" (25x49x2015)

Qty	PartNo	Description
4	H01202	TORX PAN HEAD 1/4-20x3/4 ASSY

- HAND TIGHTEN ONLY.



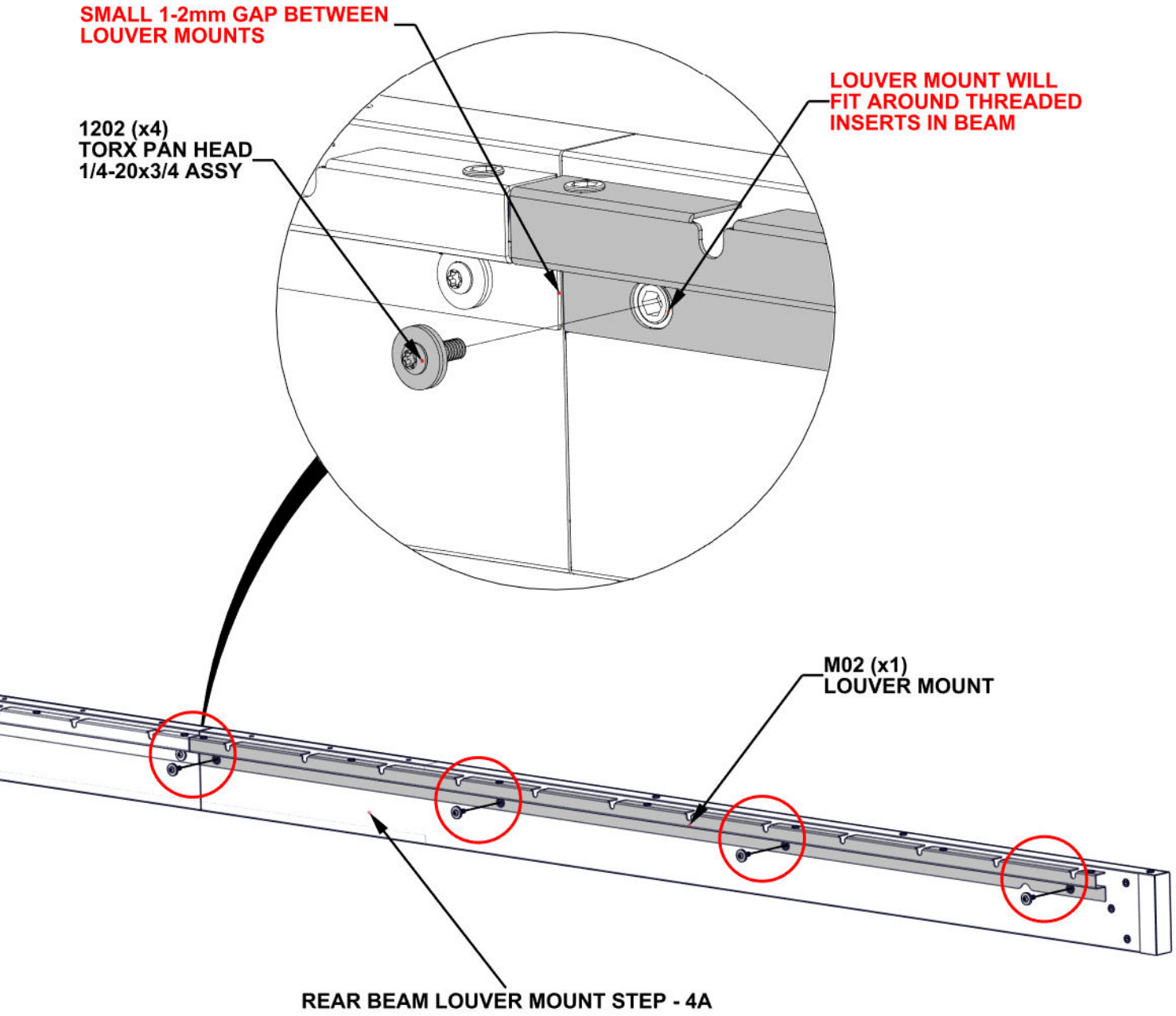
STEP 4B - REAR BEAM LOUVER MOUNT



M02 LOUVER MOUNT - A4M01992
(x1) 1"x1 15/16"x79 5/16" (25x49x2015)

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

- HAND TIGHTEN ONLY.



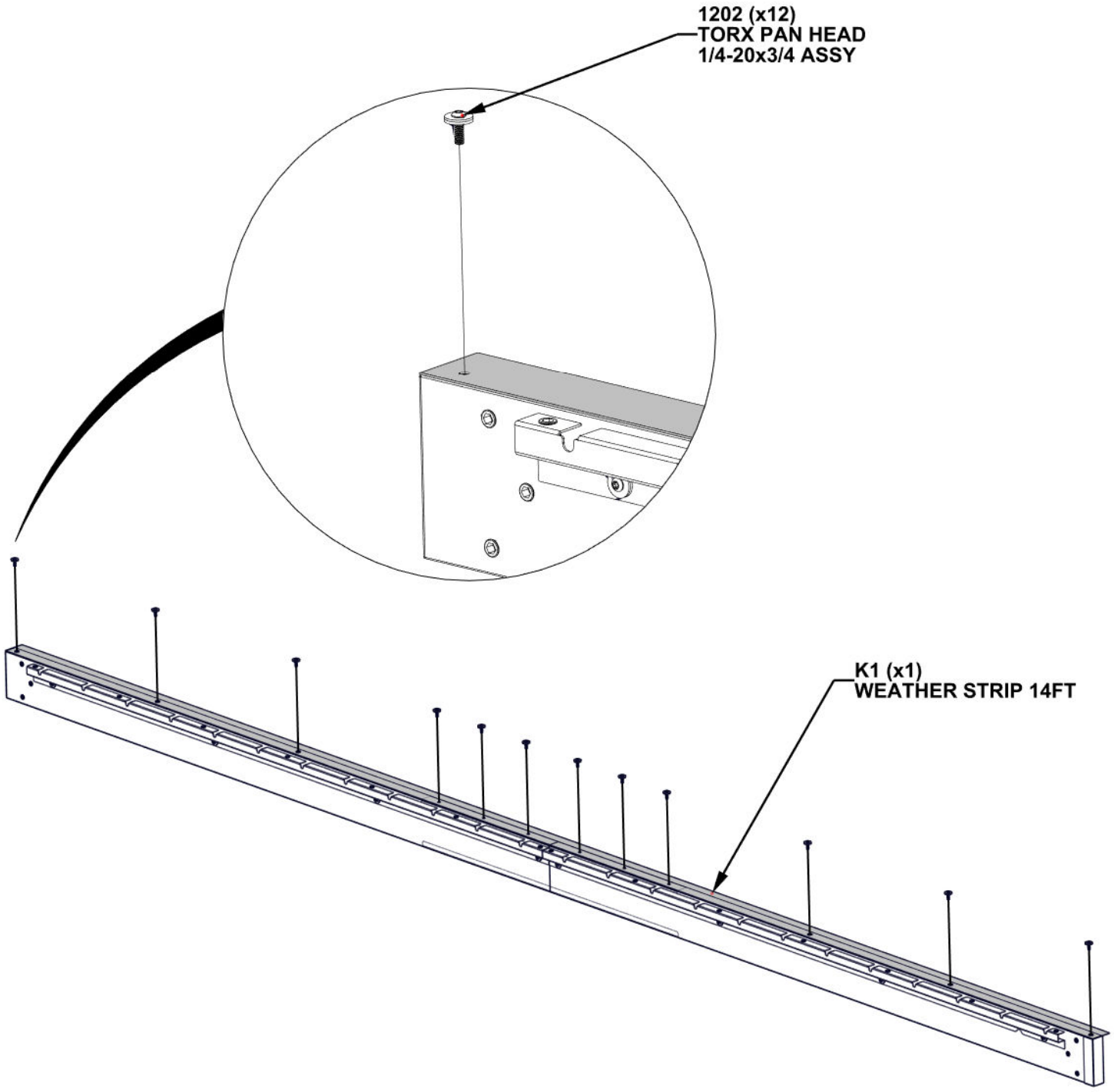
STEP 5 - REAR BEAM WEATHER STRIP

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

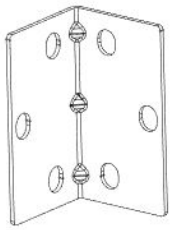


K1 WEATHER STRIP 14FT - A6P01104
(x1) 1/16"x2 7/16"x13'-11" 5/16" (1.6x61x4250.4)

- ALIGN SCREW HOLES.



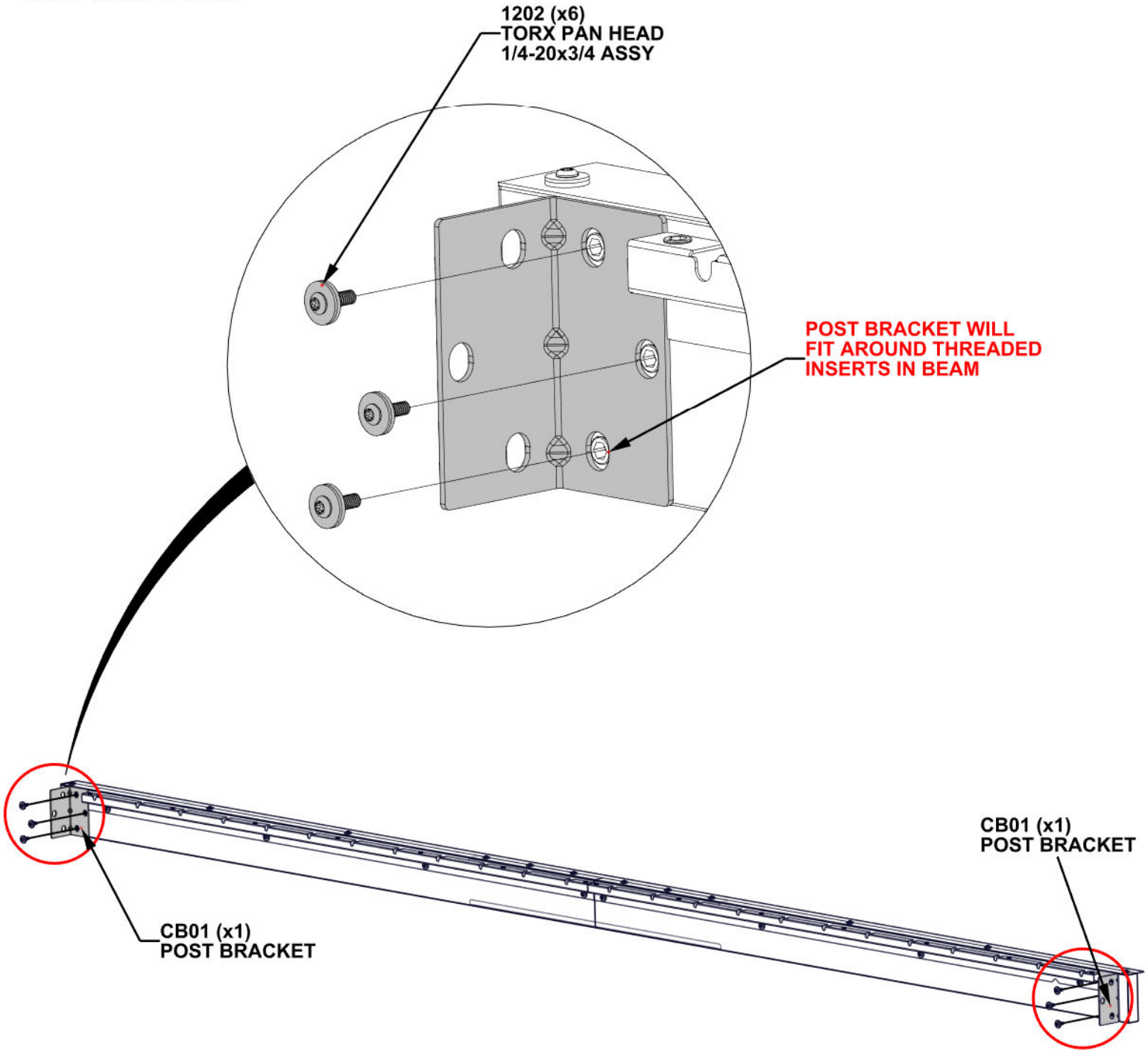
STEP 6 - REAR BEAM POST BRACKET



CB01 POST BRACKET - A4M04063
(x2) 2 15/16"x2 15/16"x5 1/4" (74.5x74.5x134)

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

- HAND TIGHTEN ONLY.



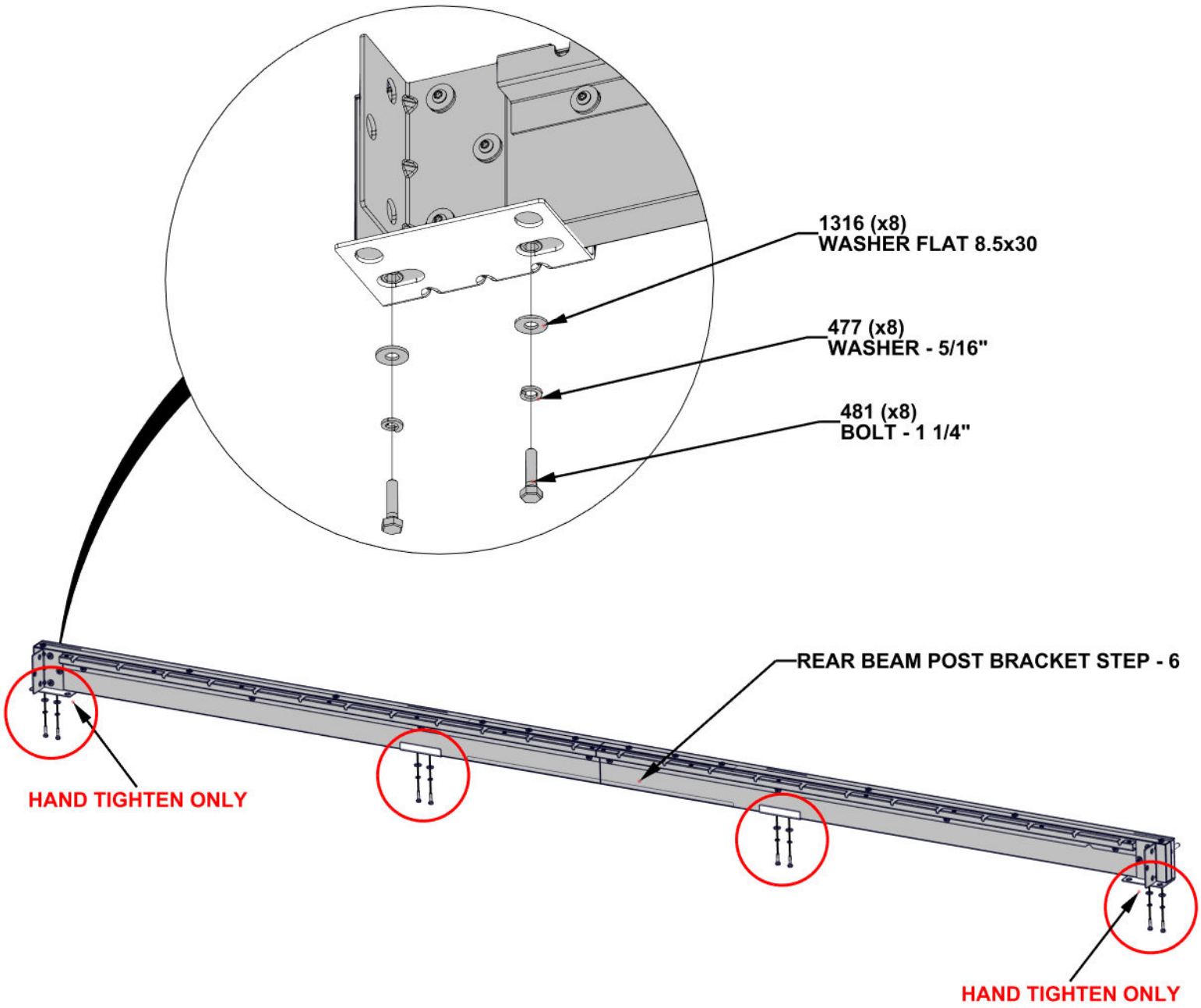
STEP 7 - REAR BEAM ASSEMBLY



REAR BEAM POST BRACKET
STEP - 6

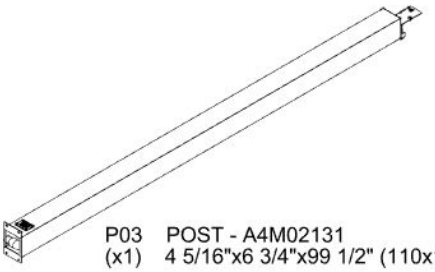
Qty	PartNo	Description
8	H100477	WASHER SPLIT 5/16 BLK
8	H101316	WASHER FLAT 8.5x30 BLK
8	H100481	BOLT HEX 5/16x1 1/4 BLK

- WITH THE HELP OF ANOTHER ADULT, ATTACH REAR BEAM ASSEMBLY TO WALL BRACKETS.
- ALIGN SCREW HOLES.
- TIGHTEN ALL HARDWARE FROM PREVIOUS STEPS.



STEP 8A - LEFT FRAME ASSEMBLY

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



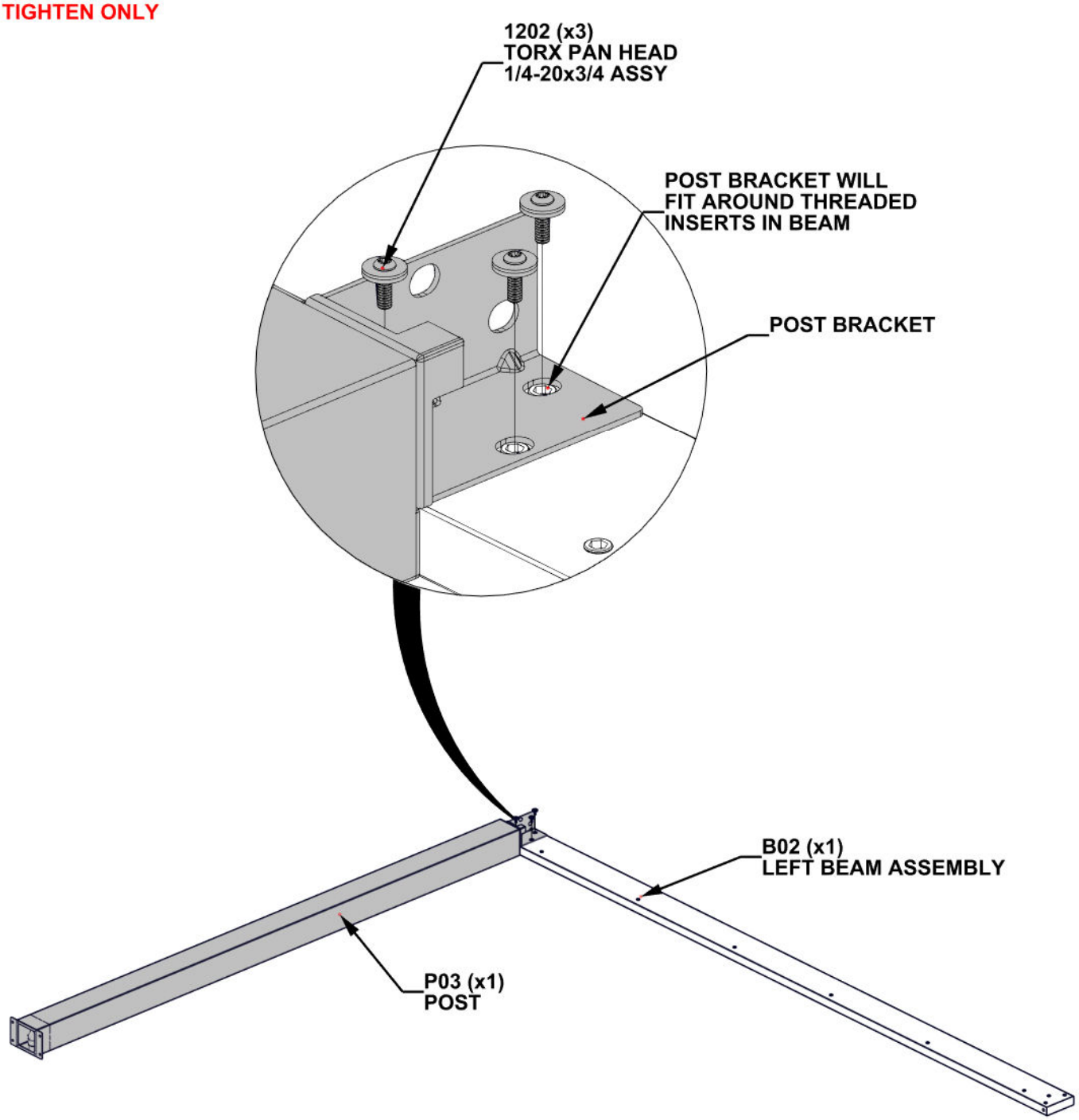
P03 POST - A4M02131
(x1) 4 5/16"x6 3/4"x99 1/2" (110x172x2527)



B02 LEFT BEAM ASSEMBLY - A4M03479
(x1) 1 7/16"x5 1/4"x114 1/2" (36x134x2908)

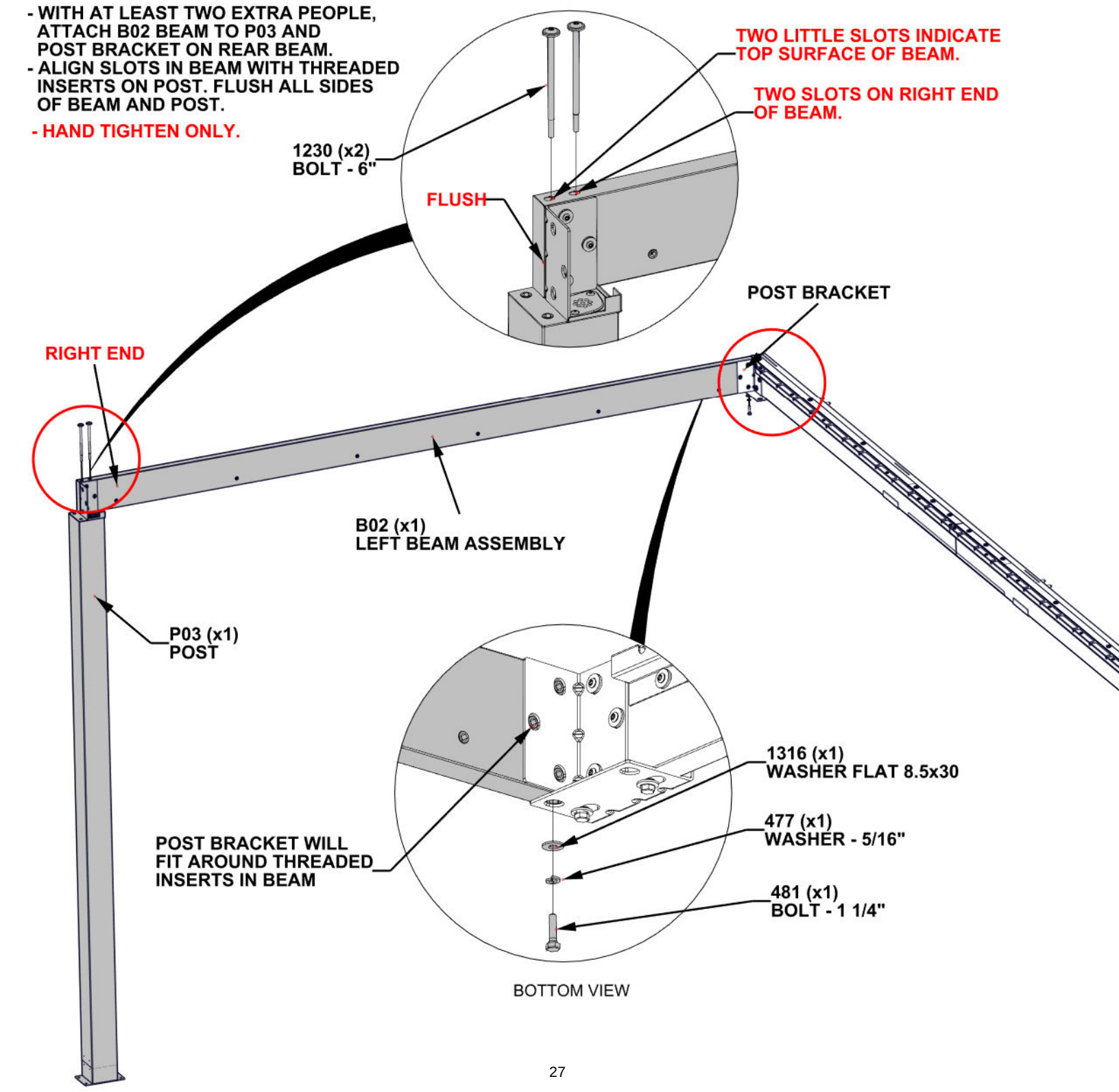
- ATTACH B02 BEAM TO POST BRACKET ON P03.

- HAND TIGHTEN ONLY



STEP 8B - LEFT FRAME ASSEMBLY

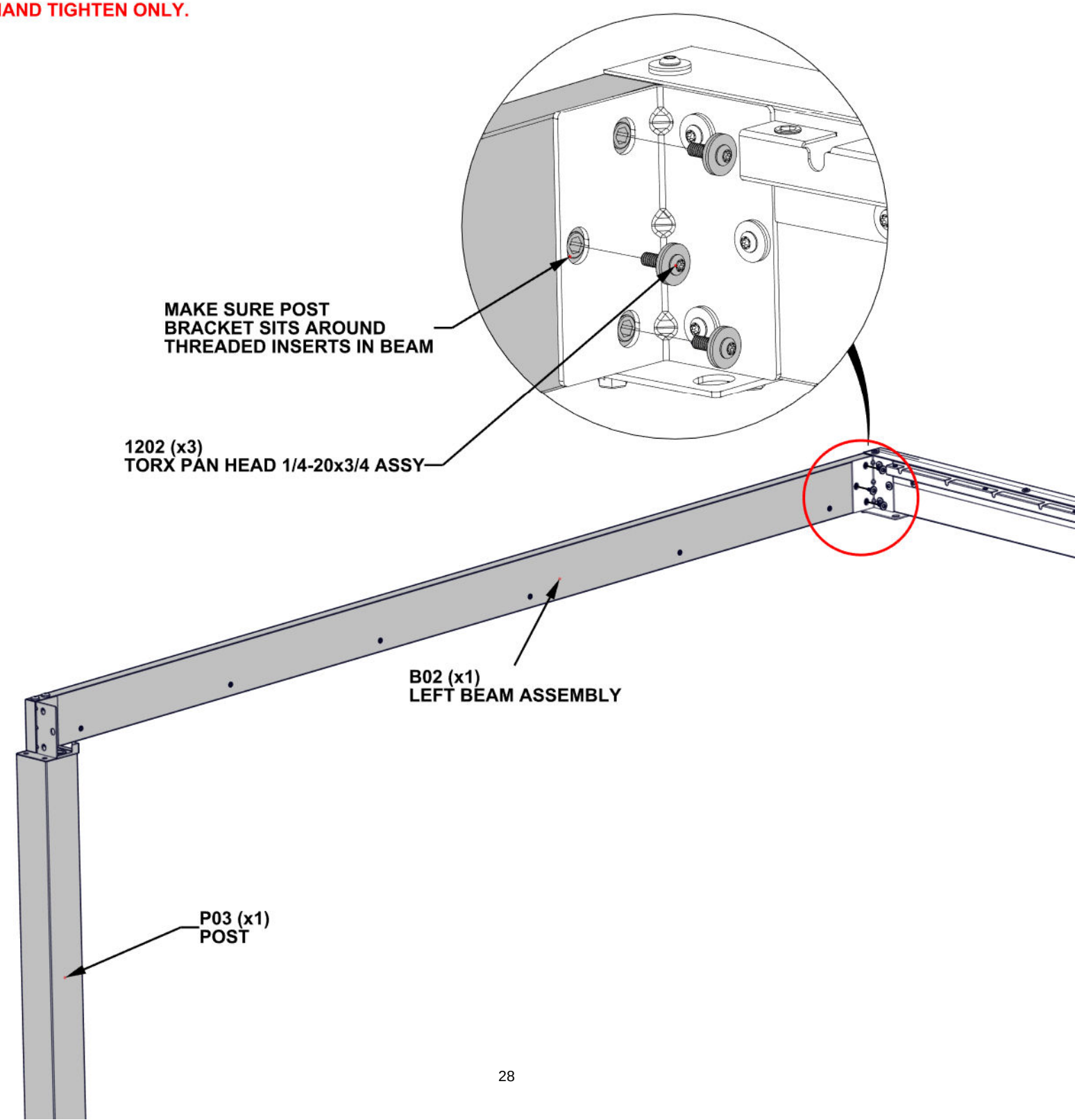
Qty	PartNo	Description
1	H100477	WASHER SPLIT 5/16 BLK
1	H101316	WASHER FLAT 8.5x30 BLK
2	H101230	BOLT WH 5/16x6 S.S.
1	H100481	BOLT HEX 5/16x1 1/4 BLK



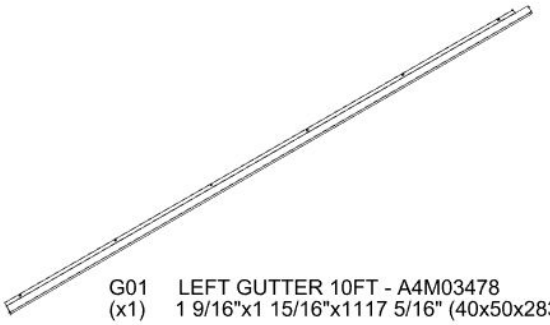
STEP 8C - LEFT FRAME ASSEMBLY

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

- HAND TIGHTEN ONLY.



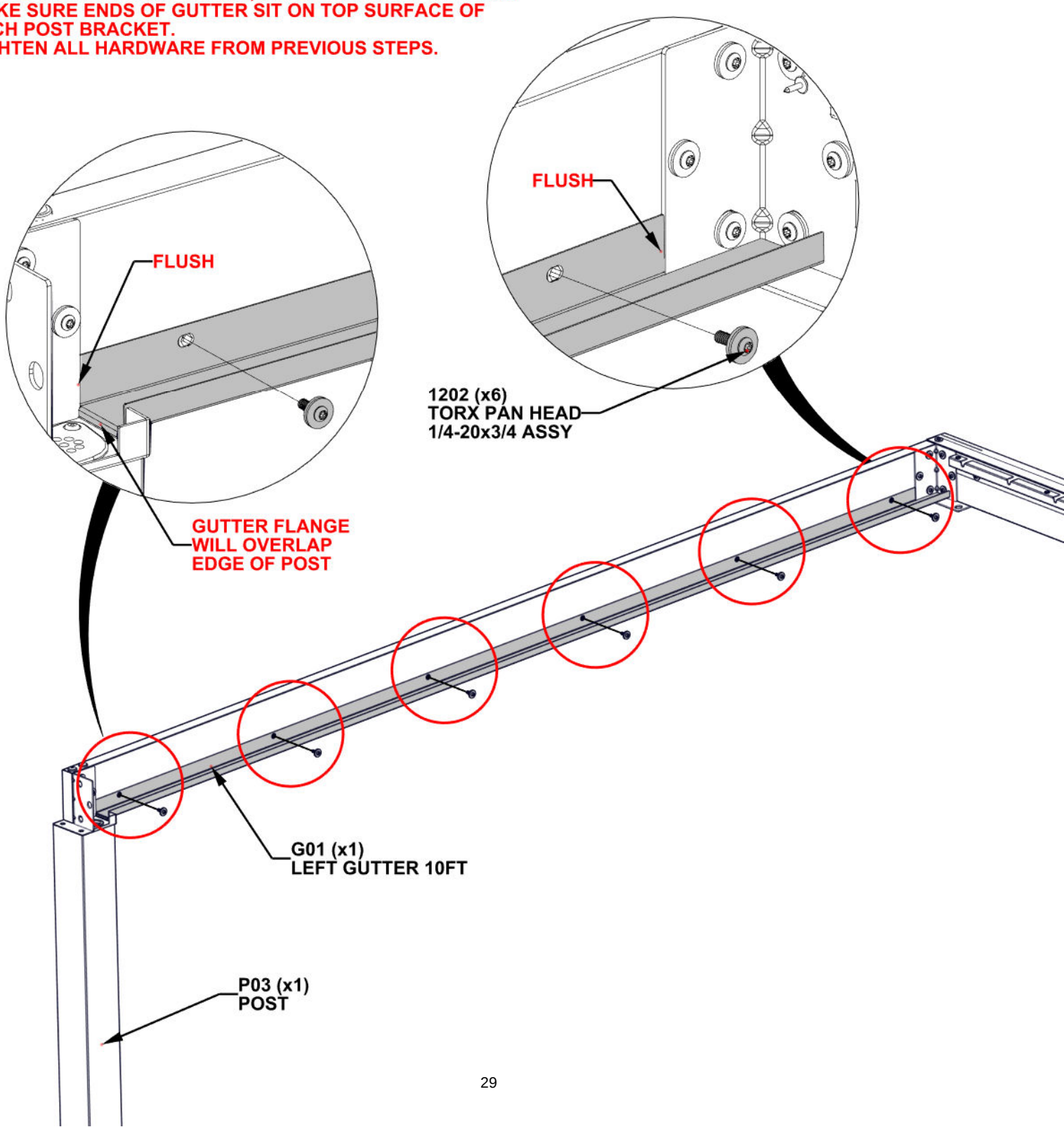
STEP 9 - LEFT GUTTER ATTACHMENT



G01 (x1) LEFT GUTTER 10FT - A4M03478
1 9/16"x1 15/16"x1117 5/16" (40x50x2838)

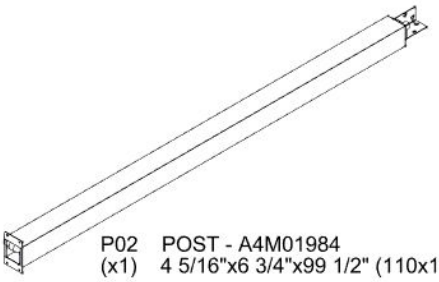
Qty	PartNo	Description
6	H101202	TORX PAN HEAD 1/4-20x3/4 ASSY

- WITH AN ADDITIONAL PERSON, ATTACH GUTTER TO BEAM.
- MAKE SURE ENDS OF GUTTER SIT ON TOP SURFACE OF EACH POST BRACKET.
- TIGHTEN ALL HARDWARE FROM PREVIOUS STEPS.



STEP 10A - RIGHT FRAME ASSEMBLY

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

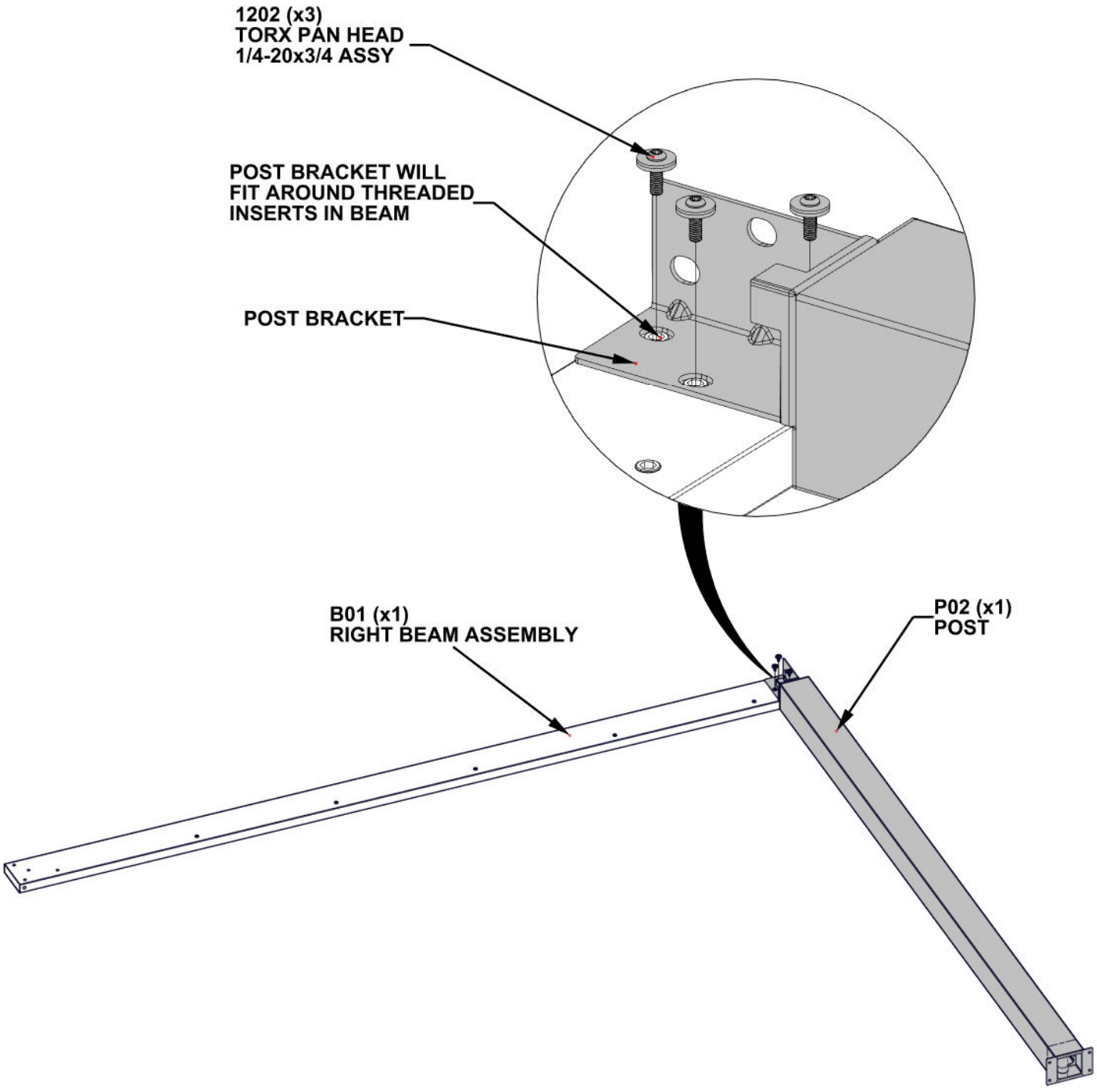


P02 POST - A4M01984
(x1) 4 5/16"x6 3/4"x99 1/2" (110x172x2527)



B01 RIGHT BEAM ASSEMBLY - A4M03480
(x1) 1 7/16"x5 1/4"x114 1/2" (36x134x2908)

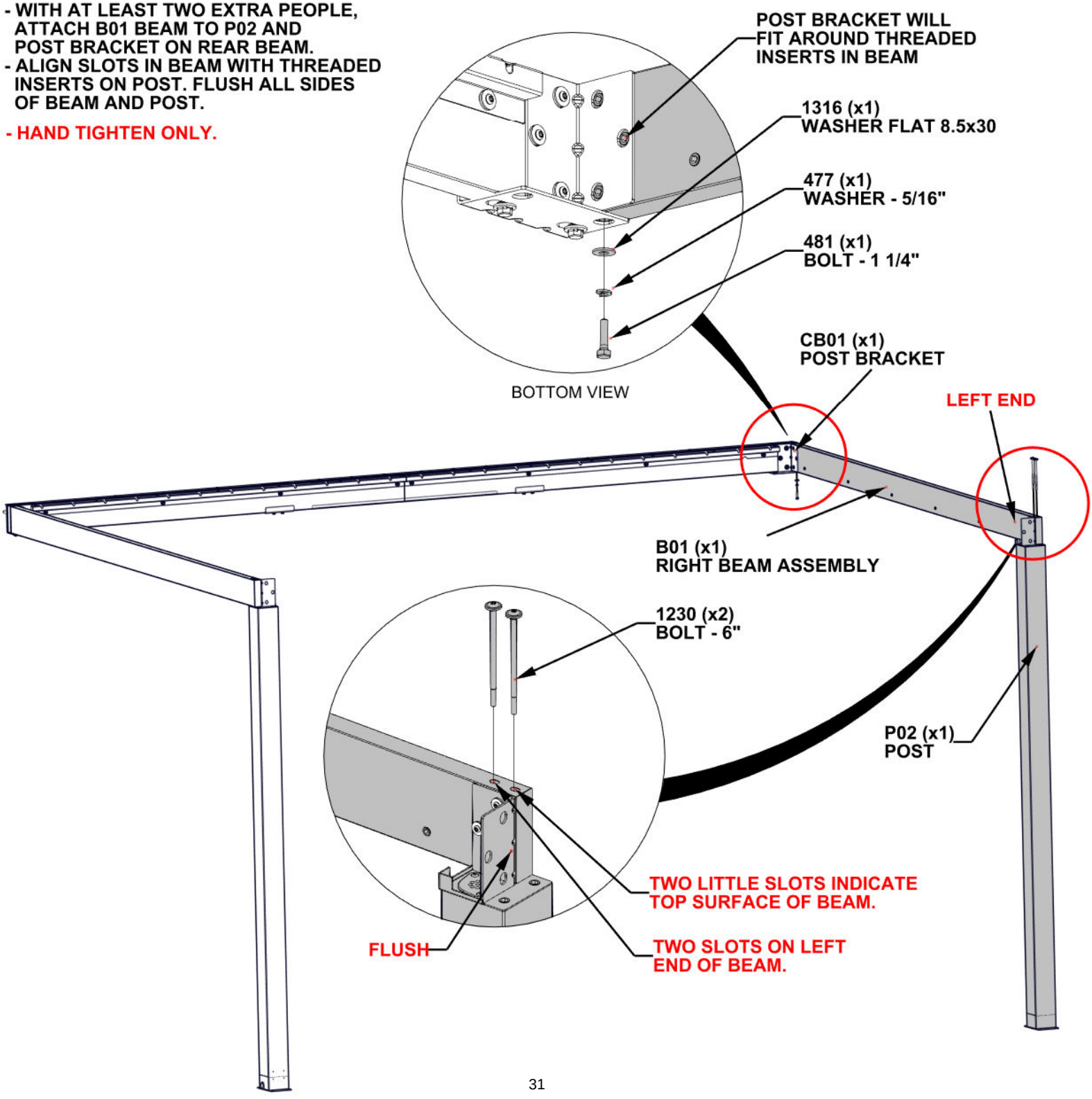
- ATTACH B01 TO POST BRACKET ON P02.
- HAND TIGHTEN ONLY



STEP 10B - RIGHT FRAME ASSEMBLY

Qty	PartNo	Description
1	H100477	WASHER SPLIT 5/16 BLK
1	H101316	WASHER FLAT 8.5x30 BLK
2	H101230	BOLT WH 5/16x6 S.S.
1	H100481	BOLT HEX 5/16x1 1/4 BLK

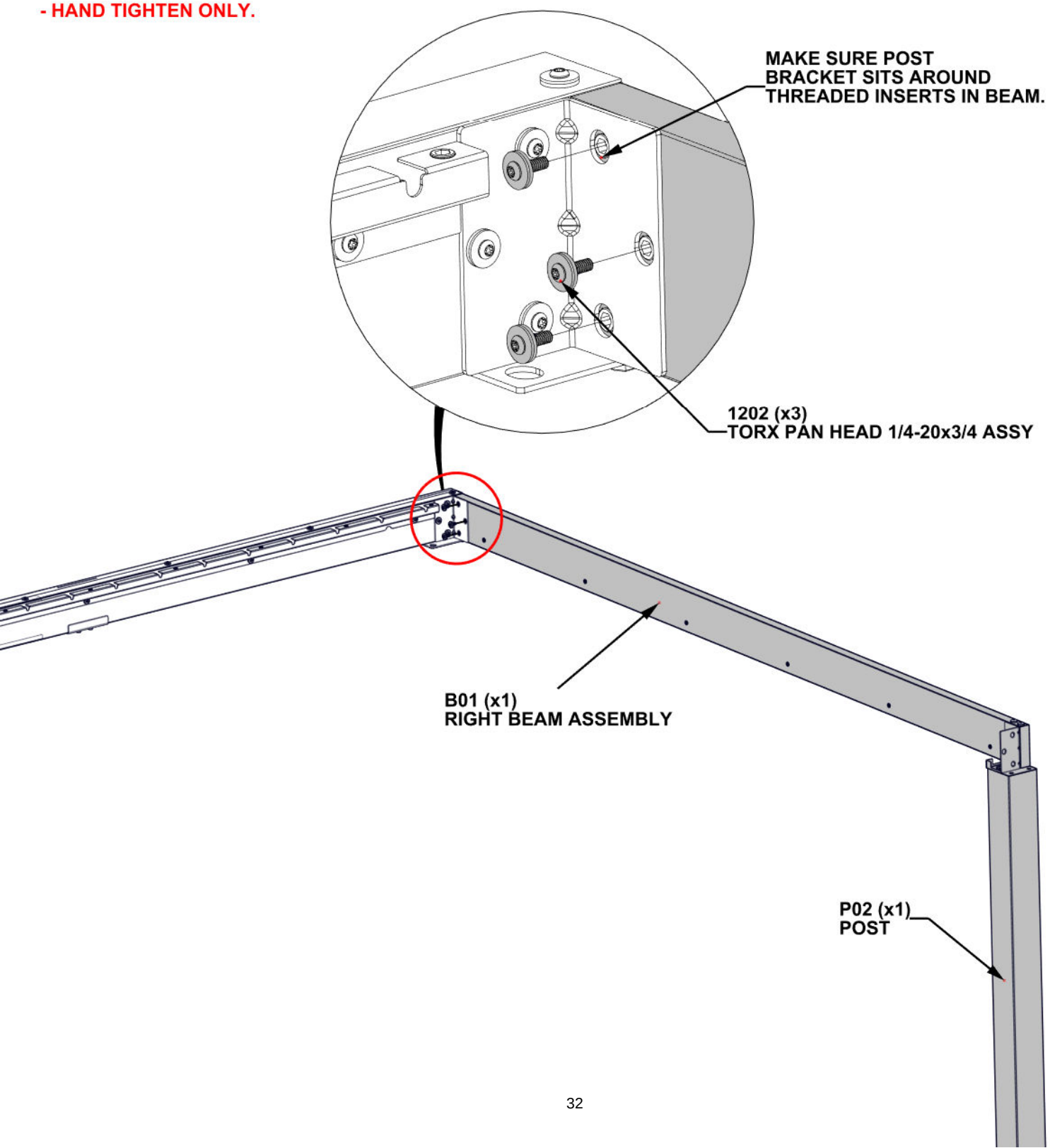
- WITH AT LEAST TWO EXTRA PEOPLE, ATTACH B01 BEAM TO P02 AND POST BRACKET ON REAR BEAM.
- ALIGN SLOTS IN BEAM WITH THREADED INSERTS ON POST. FLUSH ALL SIDES OF BEAM AND POST.
- HAND TIGHTEN ONLY.



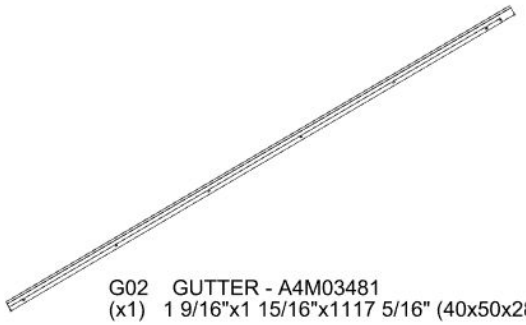
STEP 10C - RIGHT FRAME ASSEMBLY

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

- HAND TIGHTEN ONLY.



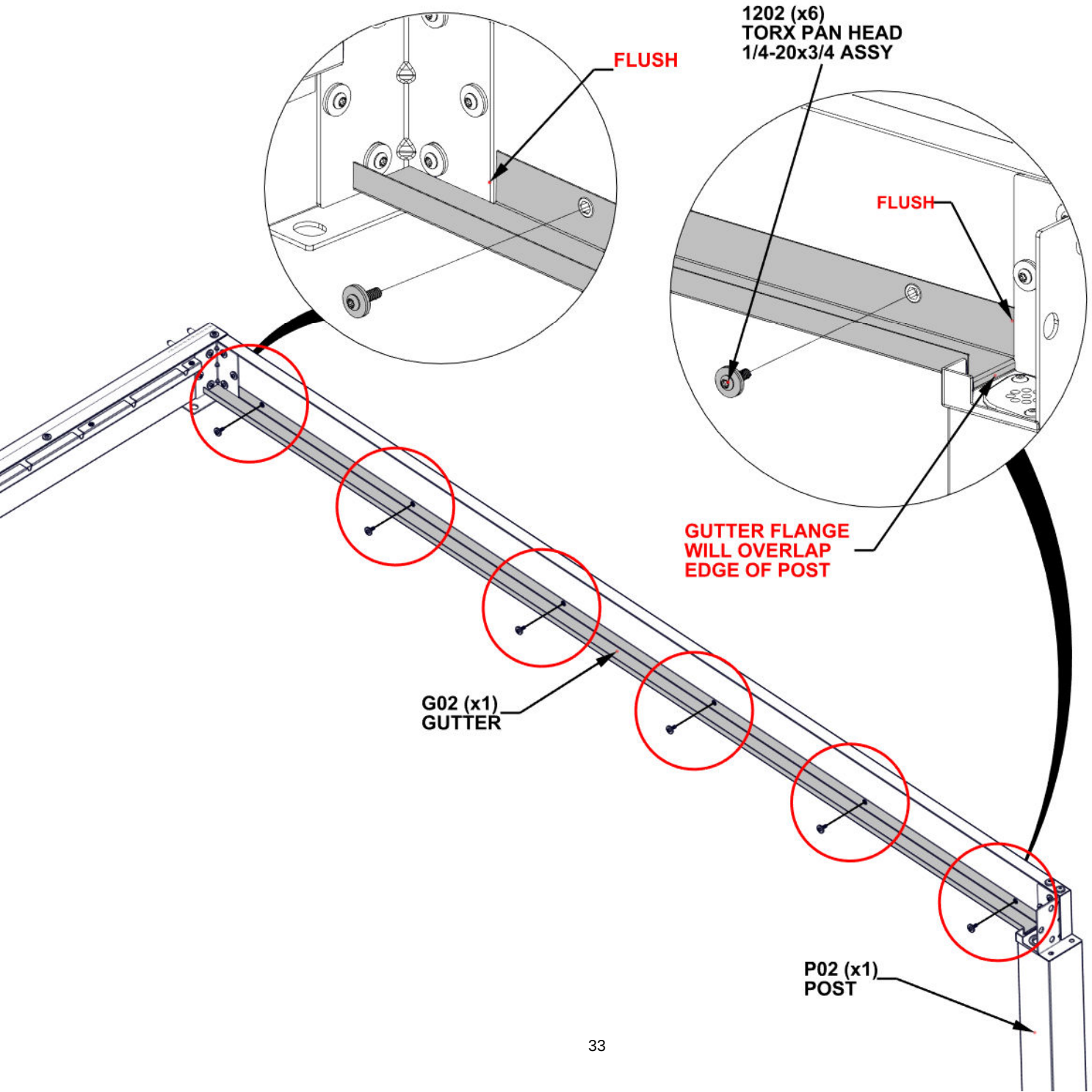
STEP 11 - RIGHT GUTTER ATTACHMENT



G02 GUTTER - A4M03481
(x1) 1 9/16"x1 15/16"x1117 5/16" (40x50x2838)

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

- WITH AN ADDITIONAL PERSON, ATTACH GUTTER TO BEAM.
- MAKE SURE ENDS OF GUTTER SIT ON TOP SURFACE OF EACH POST BRACKET.
- TIGHTEN ALL HARDWARE FROM PREVIOUS STEPS.

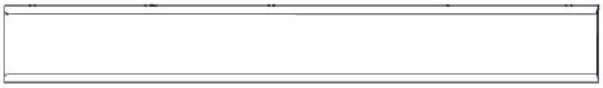


STEP 12 - FRONT BEAM ASSEMBLY

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

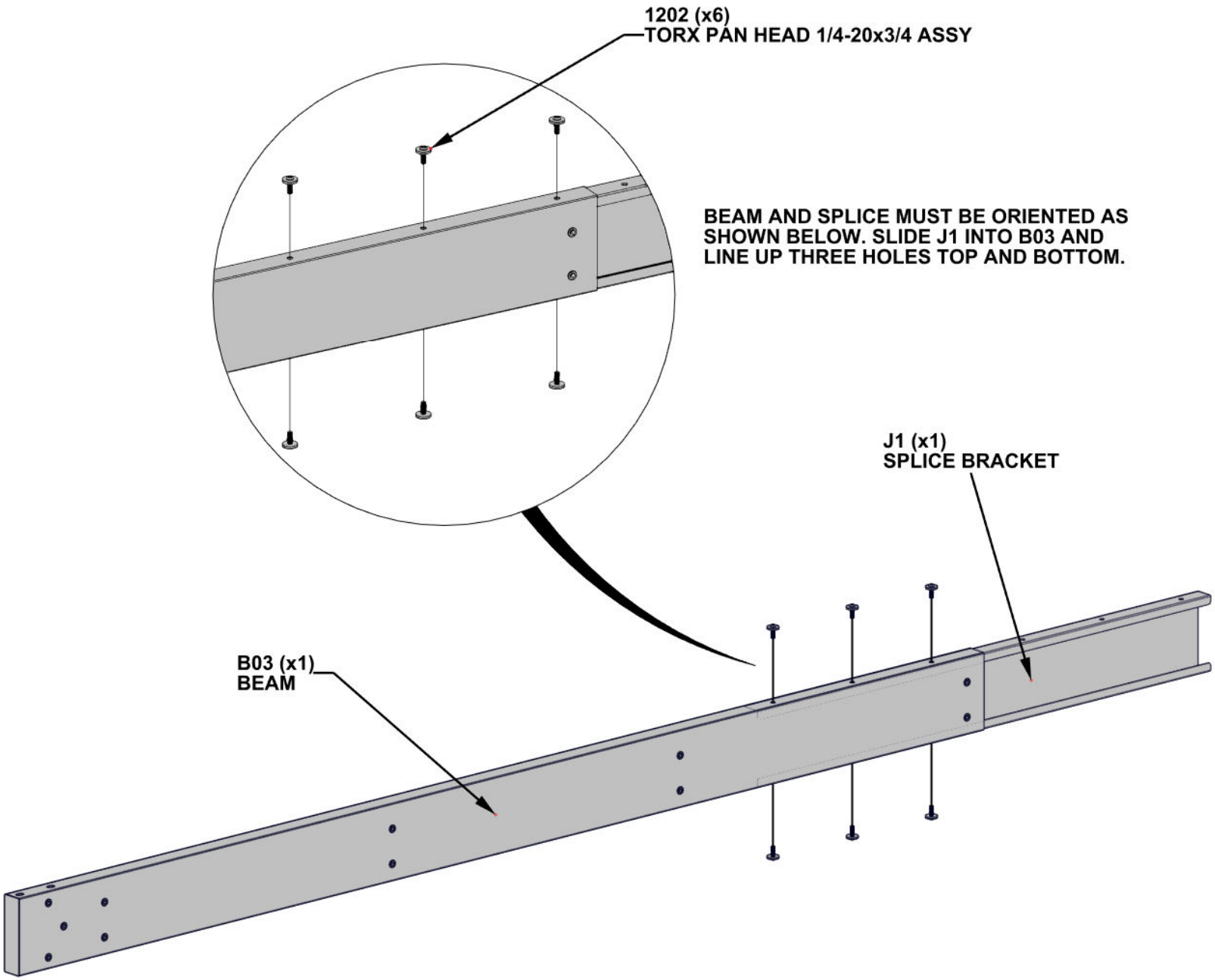


B03 BEAM - A4M01989
(x1) 1 7/16"x5 1/4"x83 11/16" (36x134x2126)



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

- HAND TIGHTEN ONLY.



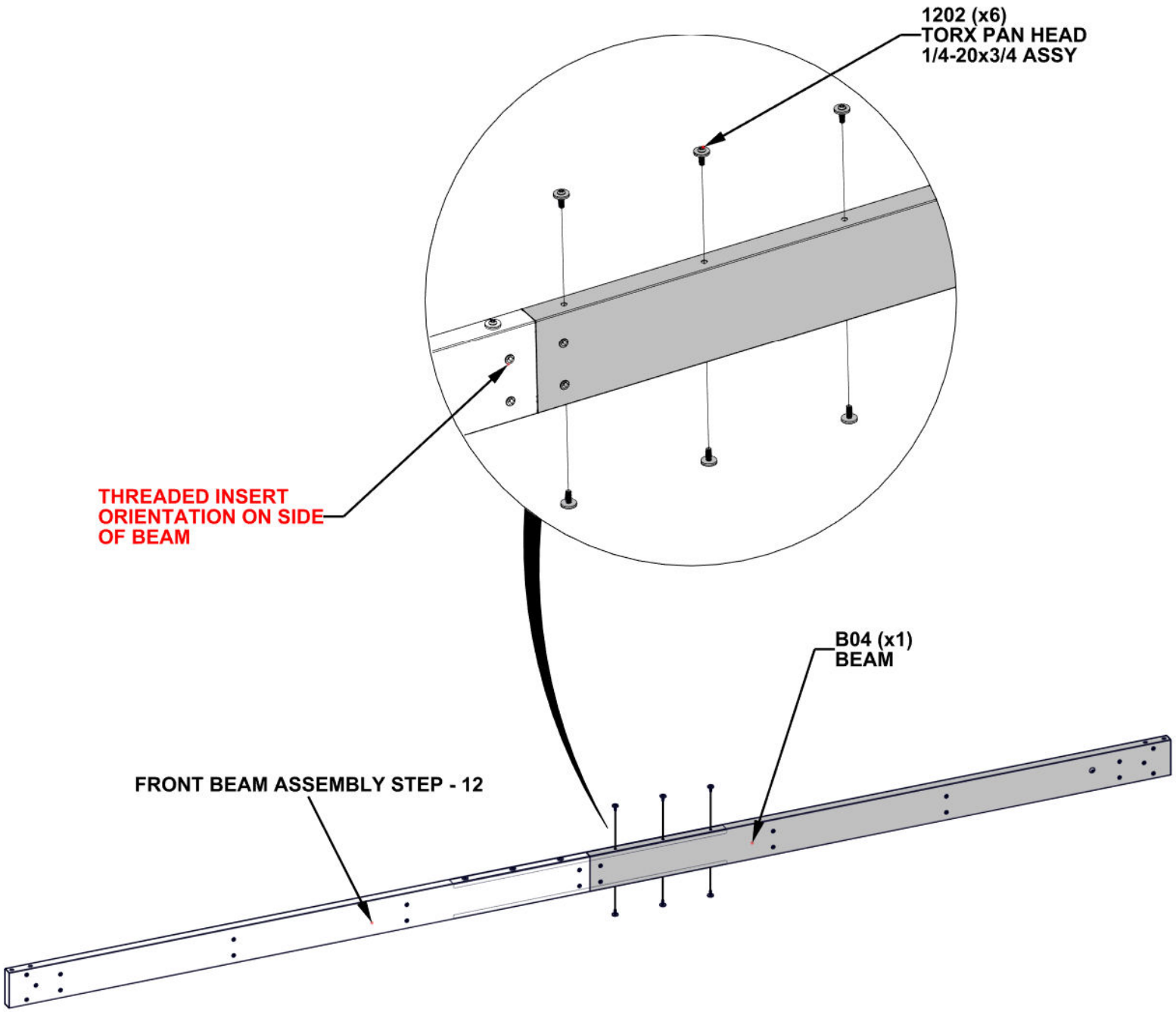
STEP 13 - FRONT BEAM ASSEMBLY

Qty	PartNo	Description
6	H101202	TORX PAN HEAD 1/4-20x3/4 ASSY0



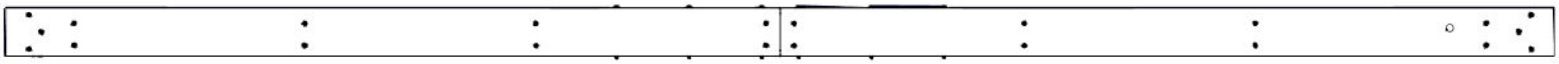
B04 BEAM - A4M01990
(x1) 1 7/16"x5 1/4"x83 11/16" (36x134x2126)

- SLIDE B04 ONTO SPLICE BRACKET.
- GENTLY TAP ENDS OF ASSEMBLY WITH RUBBER MALLET UNTIL GAP CLOSES, THEN TIGHTEN ALL BOLTS ON BEAM.



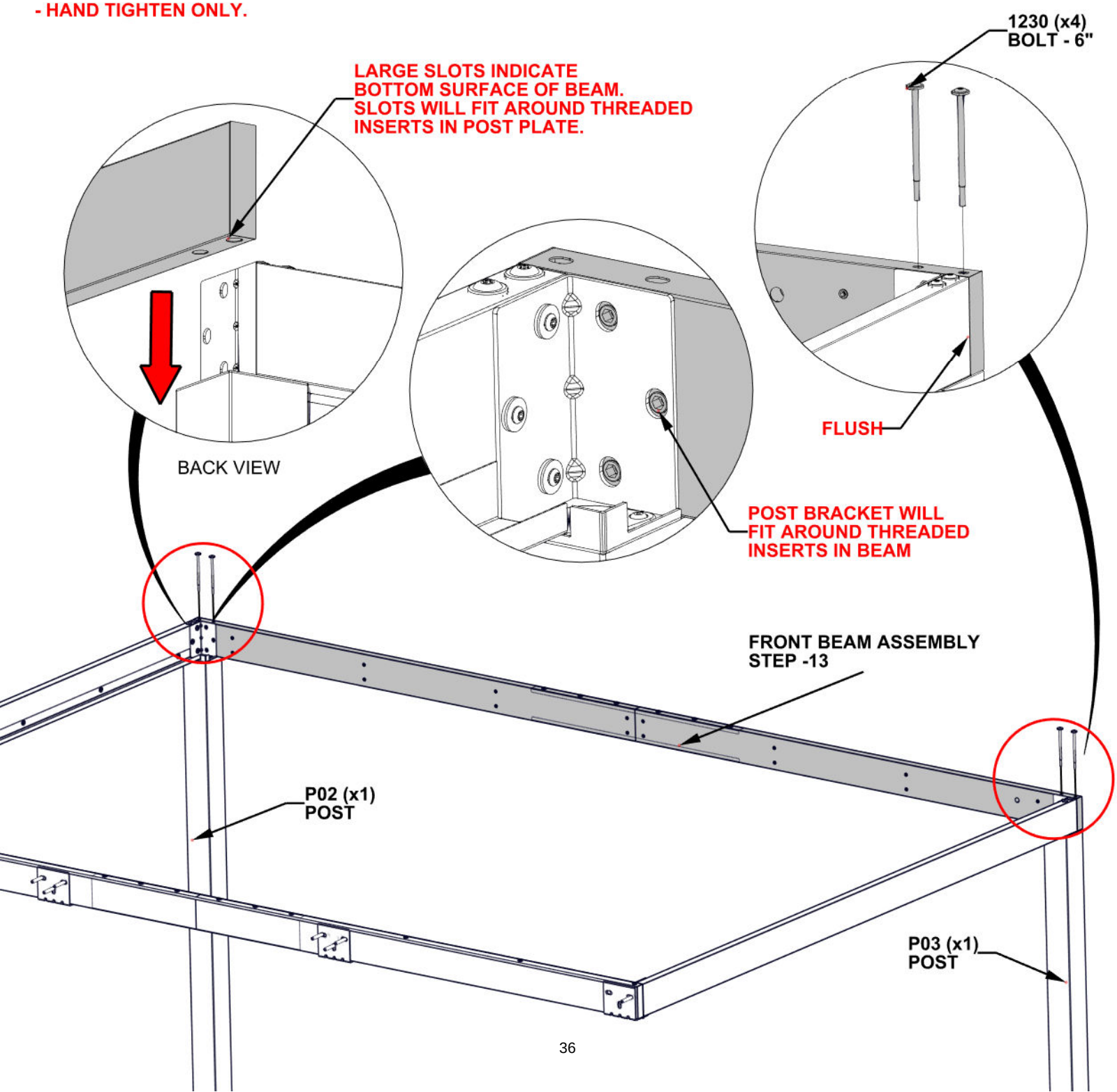
STEP 14A - FRONT FRAME ASSEMBLY

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



FRONT BEAM ASSEMBLY
STEP - 13

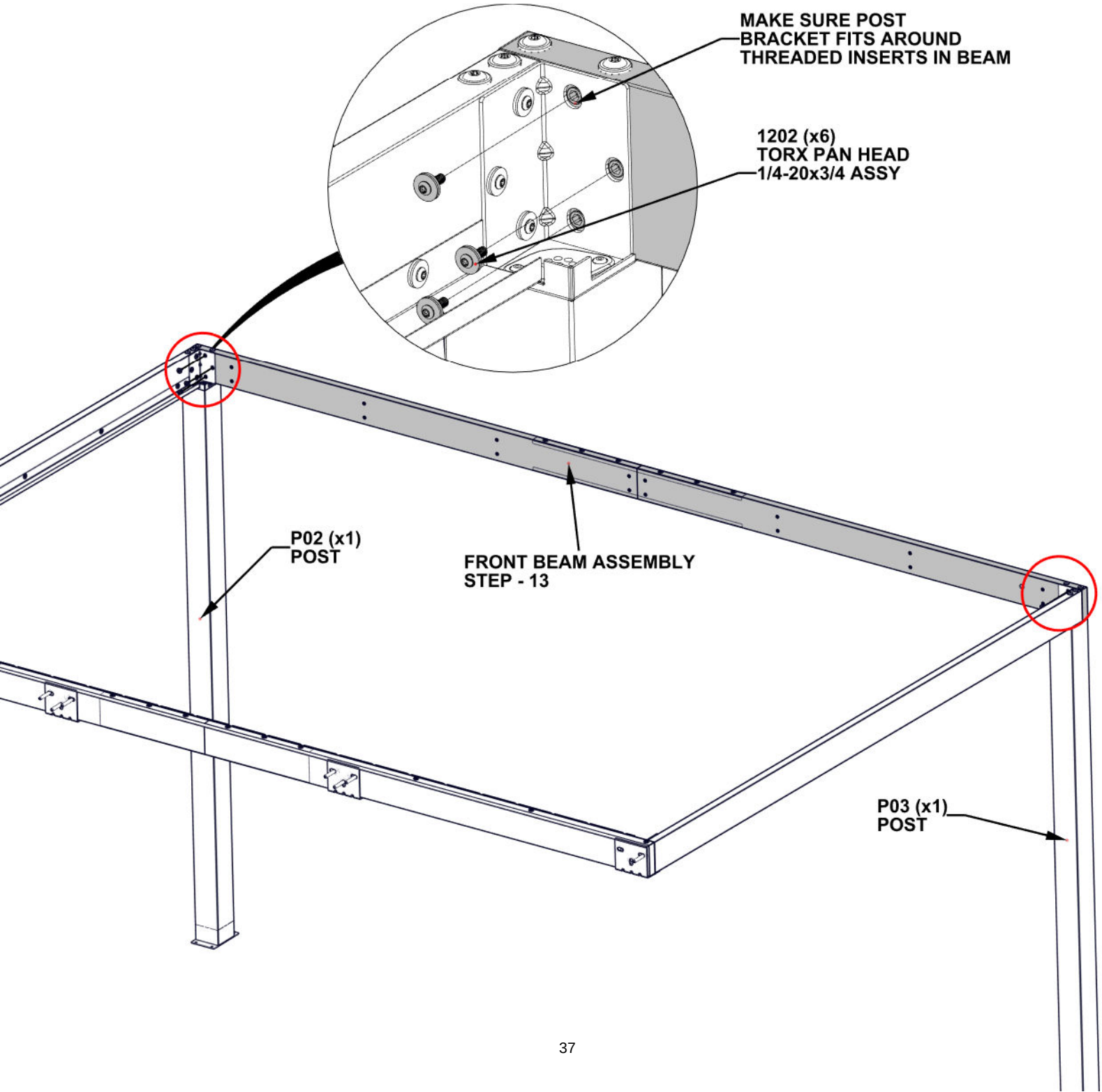
- WITH AT LEAST TWO EXTRA PEOPLE, ATTACH BEAM ASSEMBLY FROM PREVIOUS STEPS TO P02 AND P03 POST.
- ALIGN SLOTS IN BEAM WITH THREADED INSERTS ON TOP PLATE. FLUSH ALL SIDES OF BEAM AND POST.
- HAND TIGHTEN ONLY.



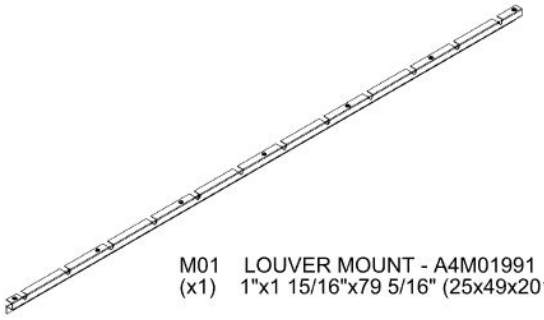
STEP 14B - FRONT FRAME ASSEMBLY

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

- TIGHTEN ALL HARDWARE FROM PREVIOUS STEPS.

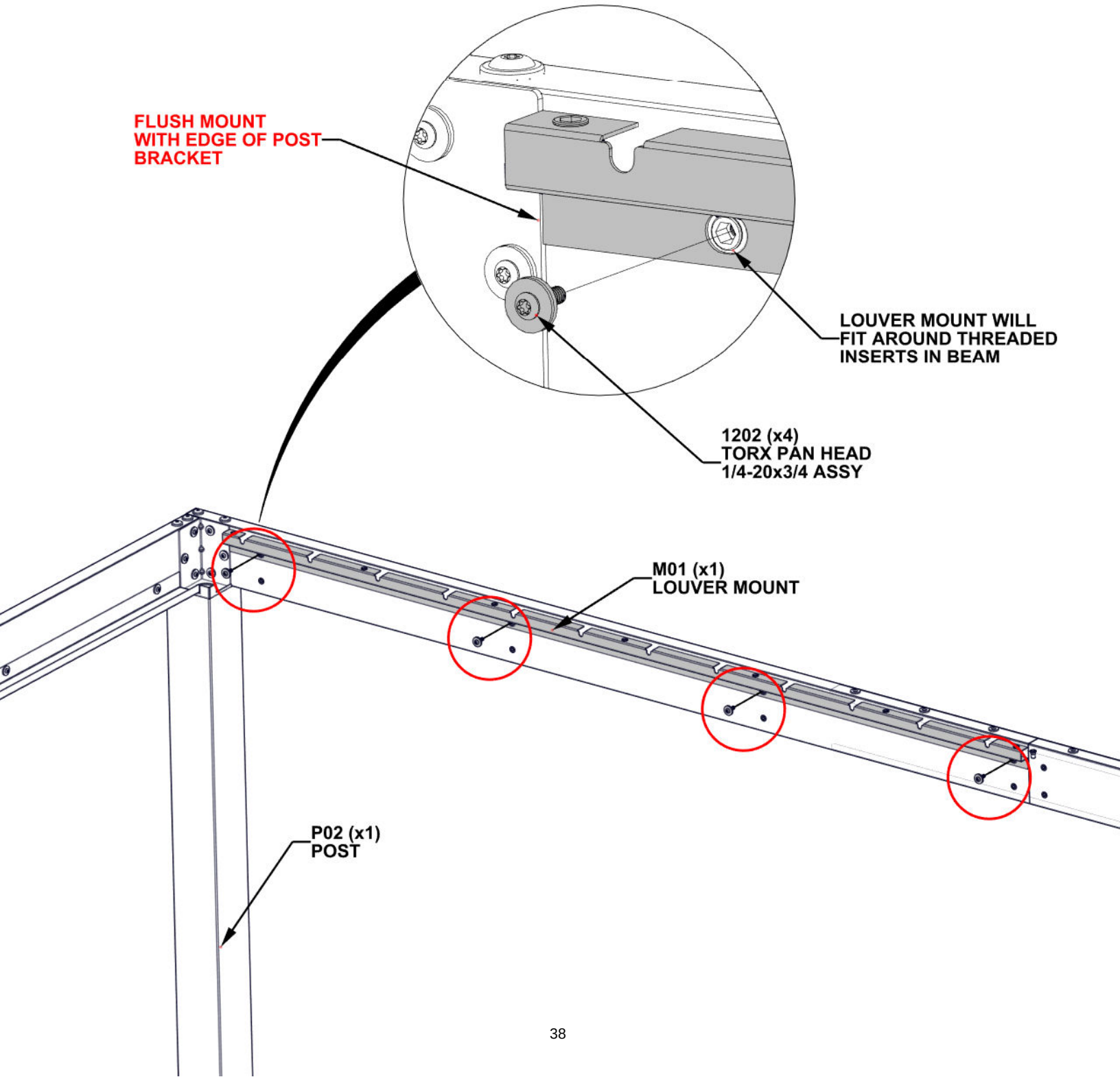


STEP 15 - FRONT BEAM LOUVER MOUNT ATTACHMENT

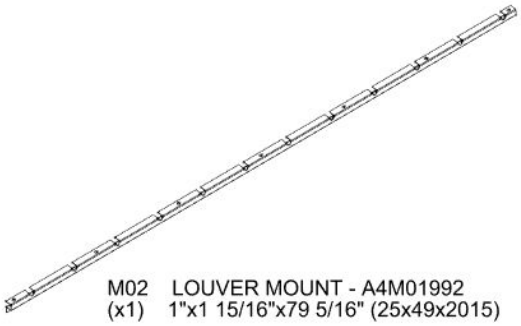


M01 LOUVER MOUNT - A4M01991
(x1) 1"x1 15/16"x79 5/16" (25x49x2015)

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

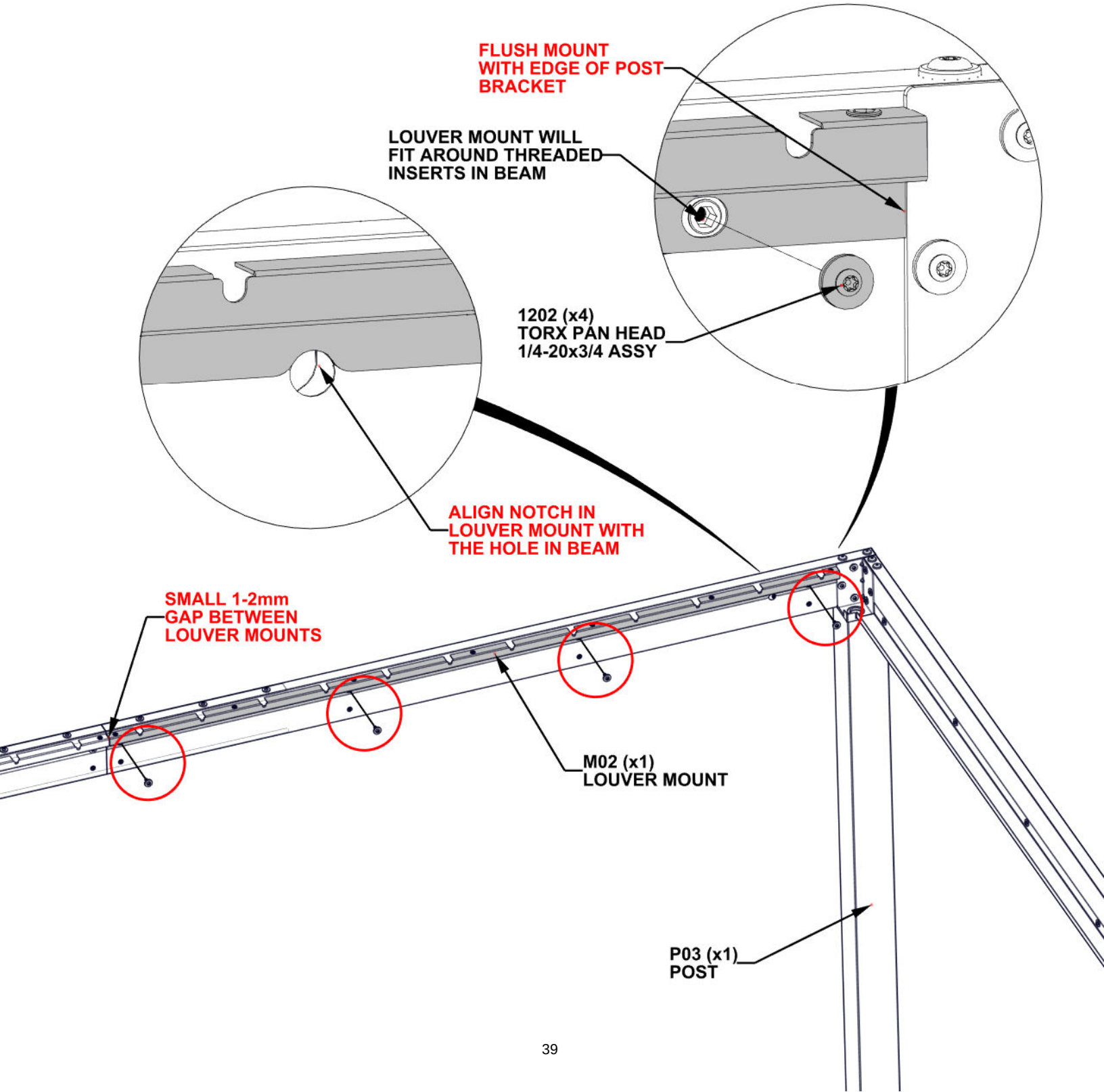


STEP 16 - FRONT BEAM LOUVER MOUNT ATTACHMENT

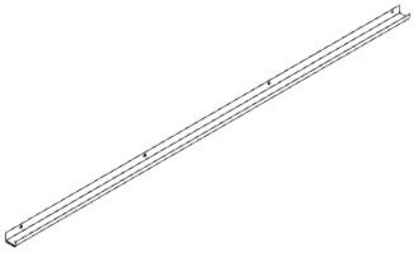


M02 LOUVER MOUNT - A4M01992
(x1) 1"x1 15/16"x79 5/16" (25x49x2015)

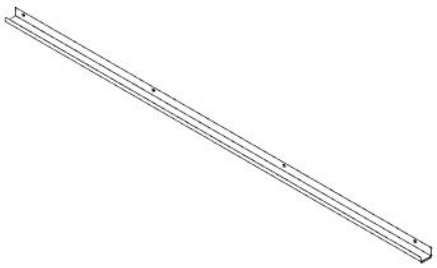
Qty	PartNo	Description
4	H101202	TORX PAN HEAD 1/4-20x3/4 ASSY



STEP 17A - FRONT BEAM GUTTER ATTACHMENT



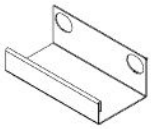
G03 GUTTER - A4M01998
(x1) 1 9/16"x1 15/16"x79 7/16" (40x50x2017)



G04 GUTTER - A4M01999
(x1) 1 9/16"x1 15/16"x79 7/16" (40x50x2017)



A6P00796 SILICONE
(x1)

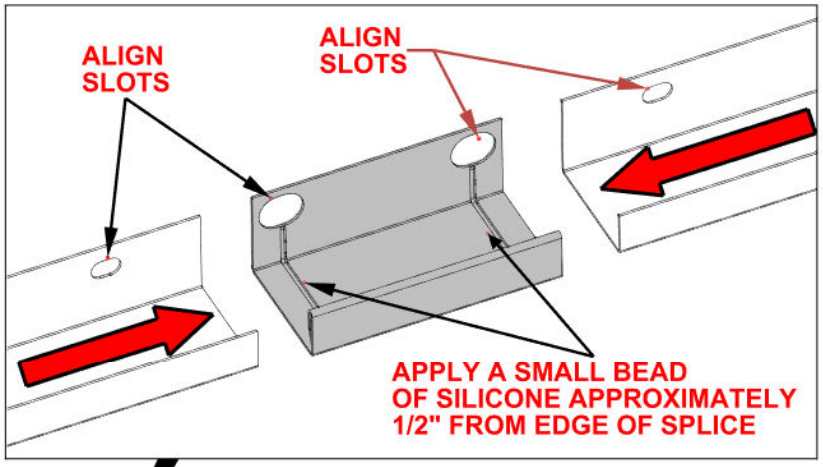


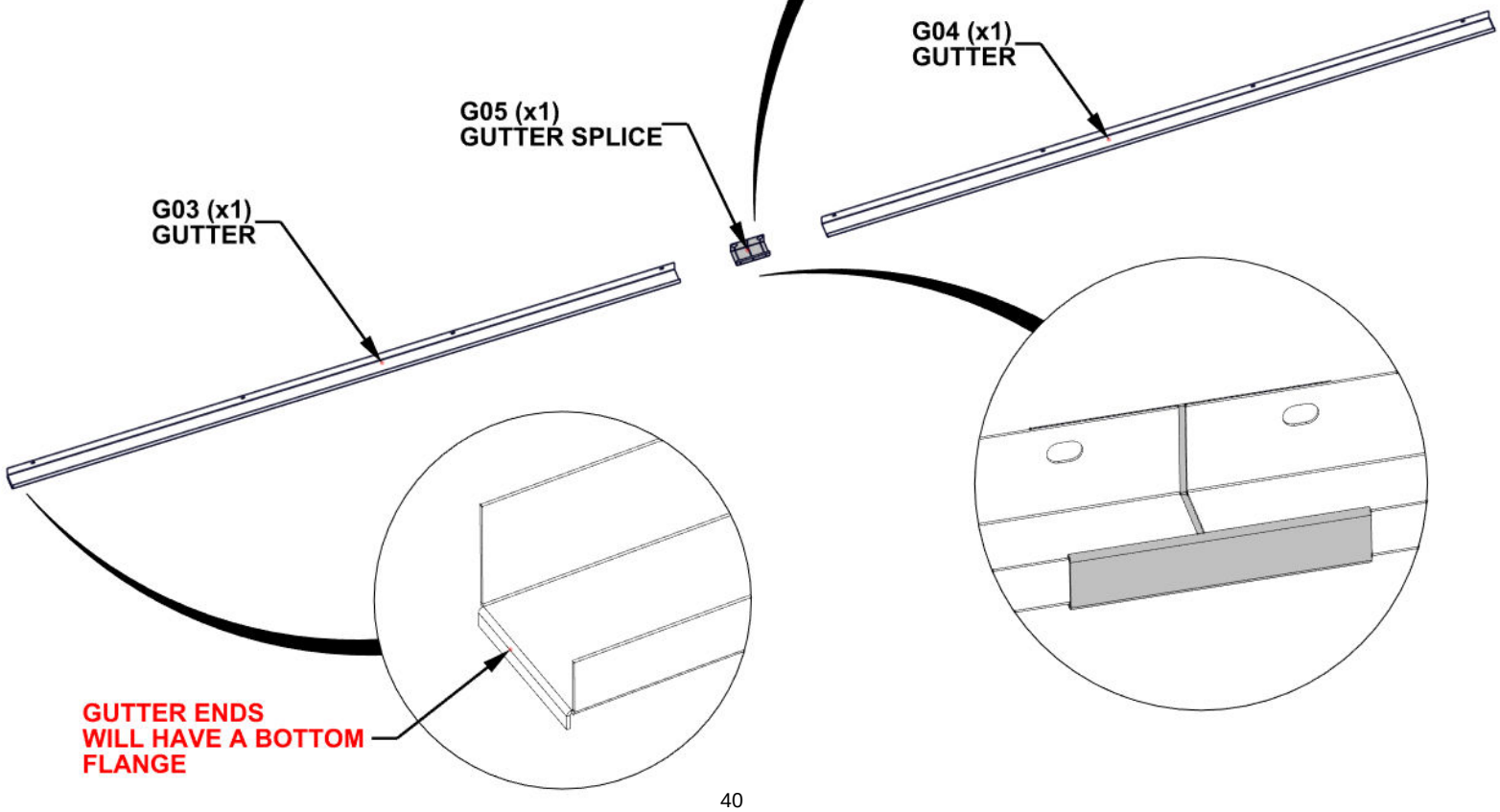
G05 GUTTER SPLICE - A4M02004
(x1) 1 7/16"x2 1/16"x3 15/16" (36x52.5x100)

- MEASURE APPROXIMATELY 1/2" [12.7mm] FROM EACH END OF GUTTER SPLICE AND APPLY A FINE BEAD OF SILICONE.
- SLIDE BOTH G03 AND G04 GUTTERS INTO SPLICE, ALIGNING SLOTS (ENDS WILL ALMOST BE TOUCHING).
- WIPE OFF ANY EXCESS SILICONE USING A RAG OR PAPER TOWEL.

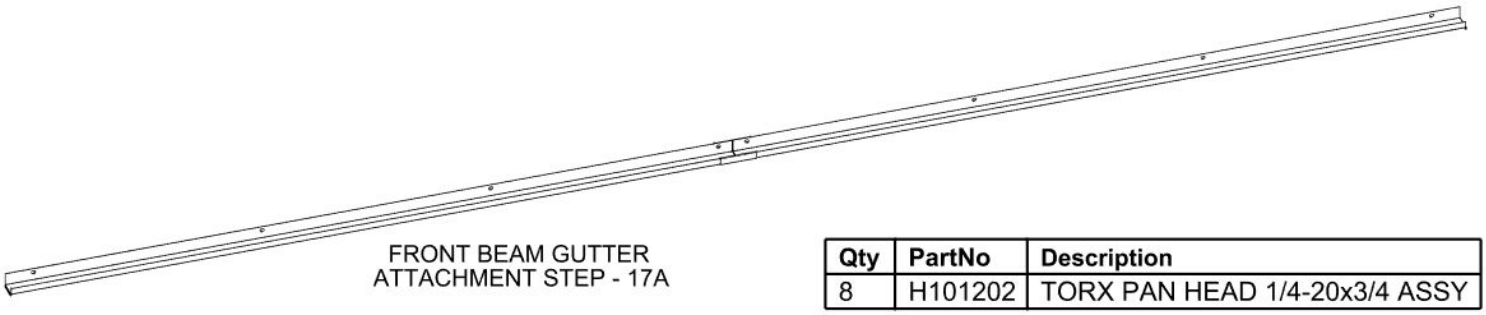
TIP: GLOVES ARE RECOMMENDED WHEN APPLYING SILICONE.

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





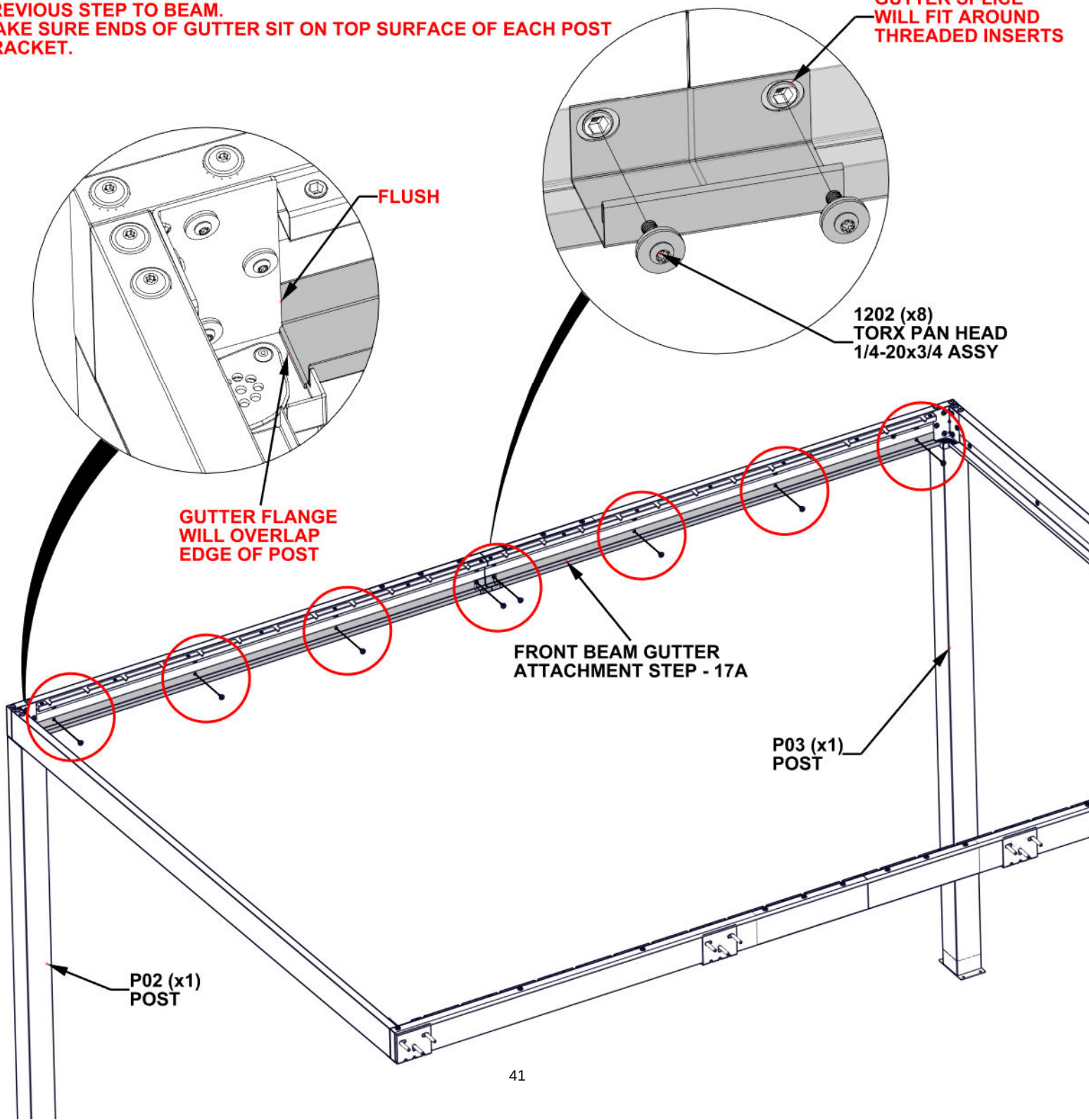
STEP 17B - FRONT BEAM GUTTER ATTACHMENT



FRONT BEAM GUTTER
ATTACHMENT STEP - 17A

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

- WITH AT LEAST TWO PEOPLE ATTACH GUTTER ASSEMBLY FROM PREVIOUS STEP TO BEAM.
- MAKE SURE ENDS OF GUTTER SIT ON TOP SURFACE OF EACH POST BRACKET.



STEP 17C - FRONT BEAM GUTTER ATTACHMENT

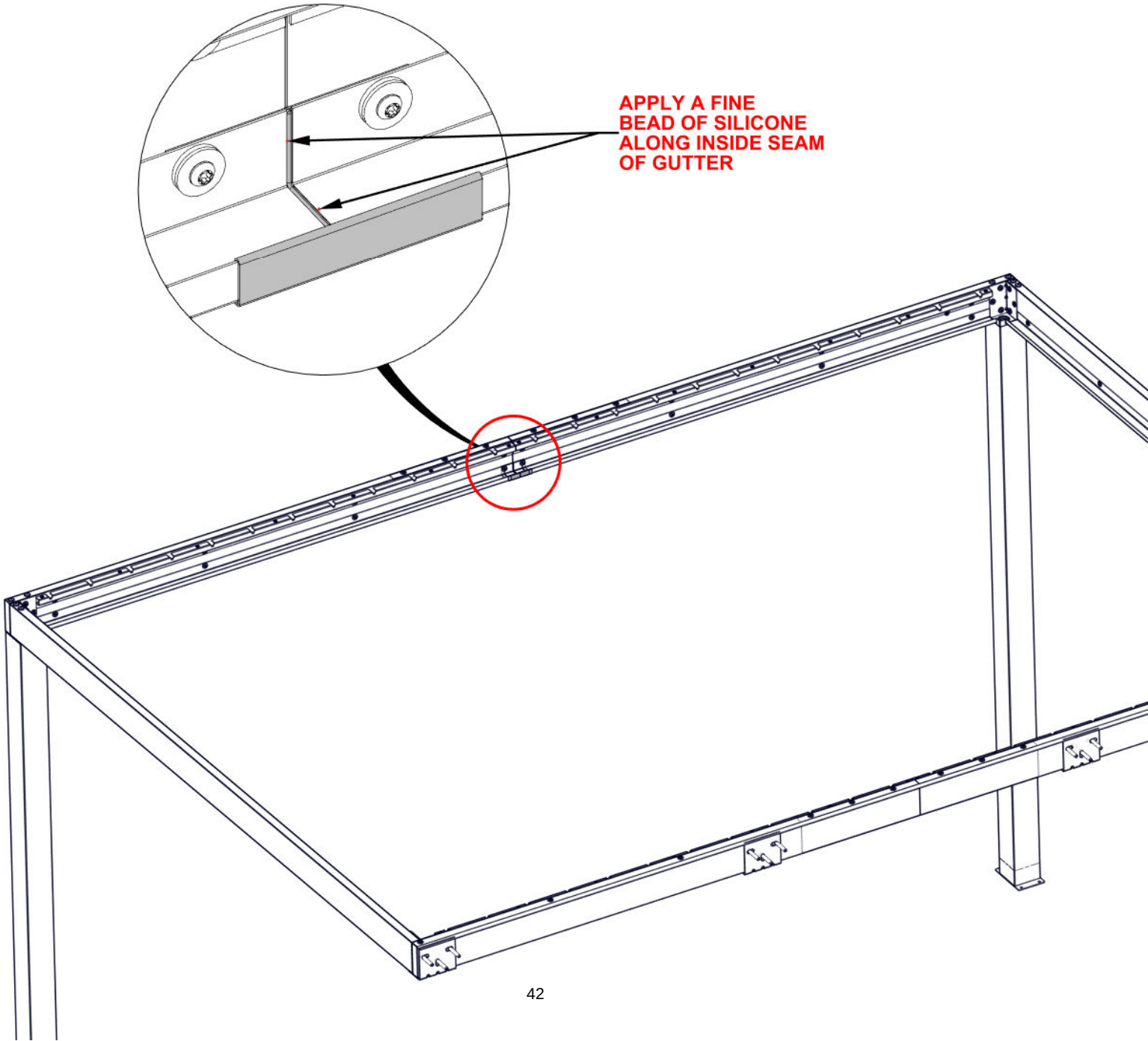


A6P00796 SILICONE
(x1)

- APPLY A FINE BEAD OF SILICONE ALONG INSIDE SURFACE OF GUTTER WHERE TWO GUTTER PIECES MEET.
- SMOOTH SILICONE ALONG SEAM, WIPING EXCESS USING A RAG OR PAPER TOWEL.

TIP: GLOVES ARE RECOMMENDED WHEN APPLYING SILICONE.

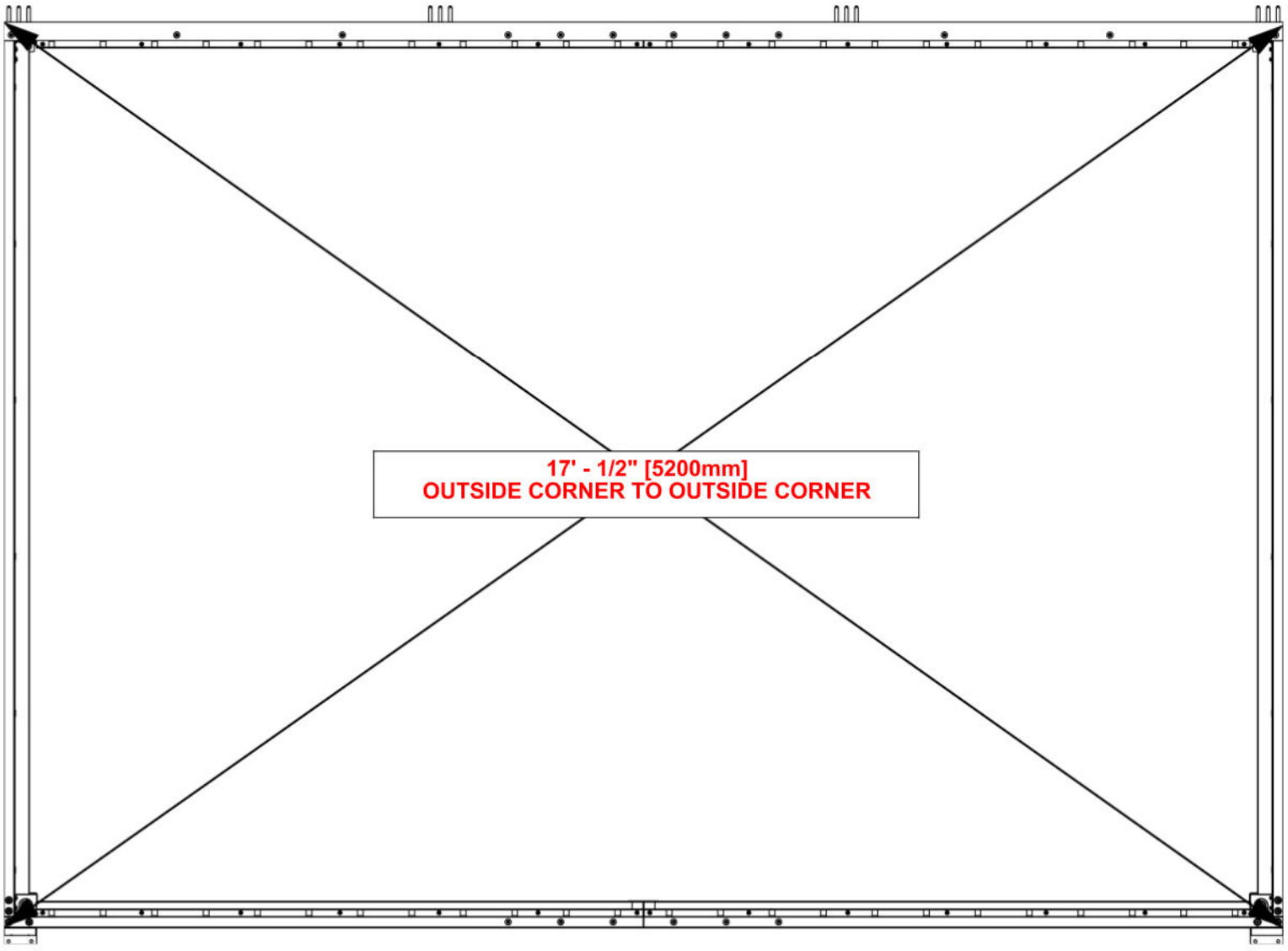
MAKE SURE SURFACE OF GUTTER IS CLEAN, DRY, AND FREE OF ANY DIRT/DEBRIS.



STEP 18 - SQUARE STRUCTURE

**CRITICAL: SQUARE ASSEMBLY BEFORE PROCEEDING TO NEXT STEPS.
ONCE SQUARE, MAKE SURE ALL HARDWARE HAS BEEN
TIGHTENED FROM PREVIOUS STEPS.**

MEASUREMENTS TAKEN FROM OUTSIDE CORNER TO OUTSIDE CORNER OF STRUCTURE



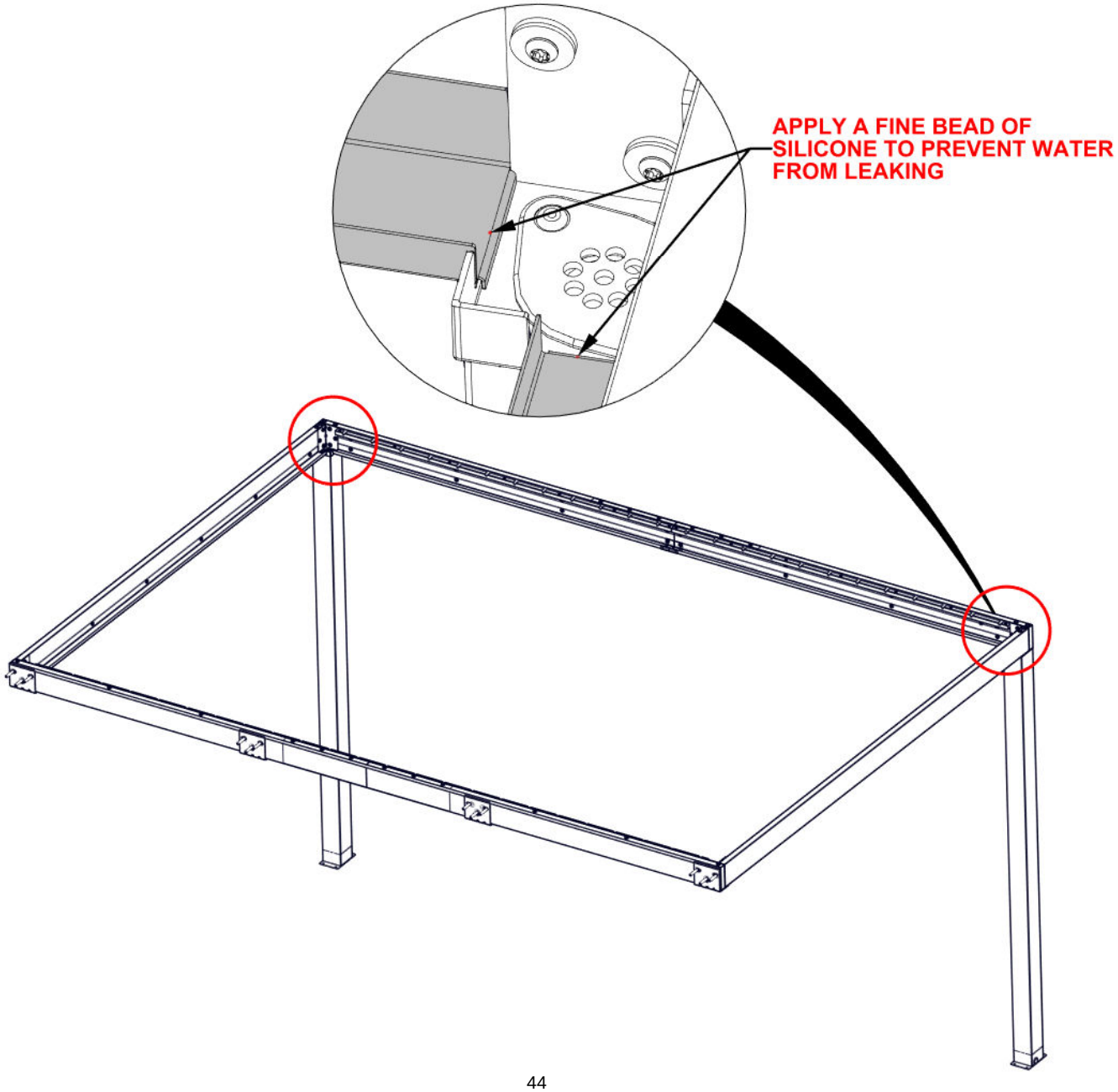
STEP 19 - GUTTER SEALANT



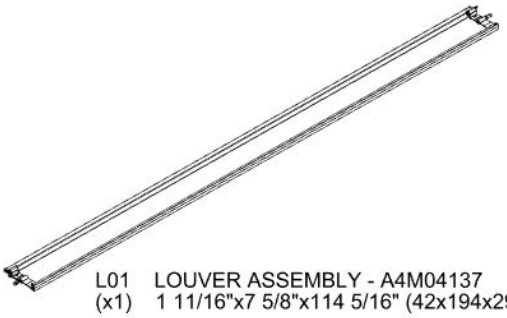
A6P00796 SILICONE
(x1)

- APPLY A FINE BEAD OF SILICONE ALONG INSIDE SURFACE OF GUTTER WHERE GUTTER PIECES MEET POST.
- SMOOTH SILICONE, WIPING EXCESS USING A RAG OR PAPER TOWEL.
- REPEAT THIS STEP FOR ALL GUTTER ATTACHMENT POINTS AT EACH POST.

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



STEP 20 - DRIVE LOUVER ASSEMBLY



L01 LOUVER ASSEMBLY - A4M04137
(x1) 1 11/16"x7 5/8"x114 5/16" (42x194x2904)



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

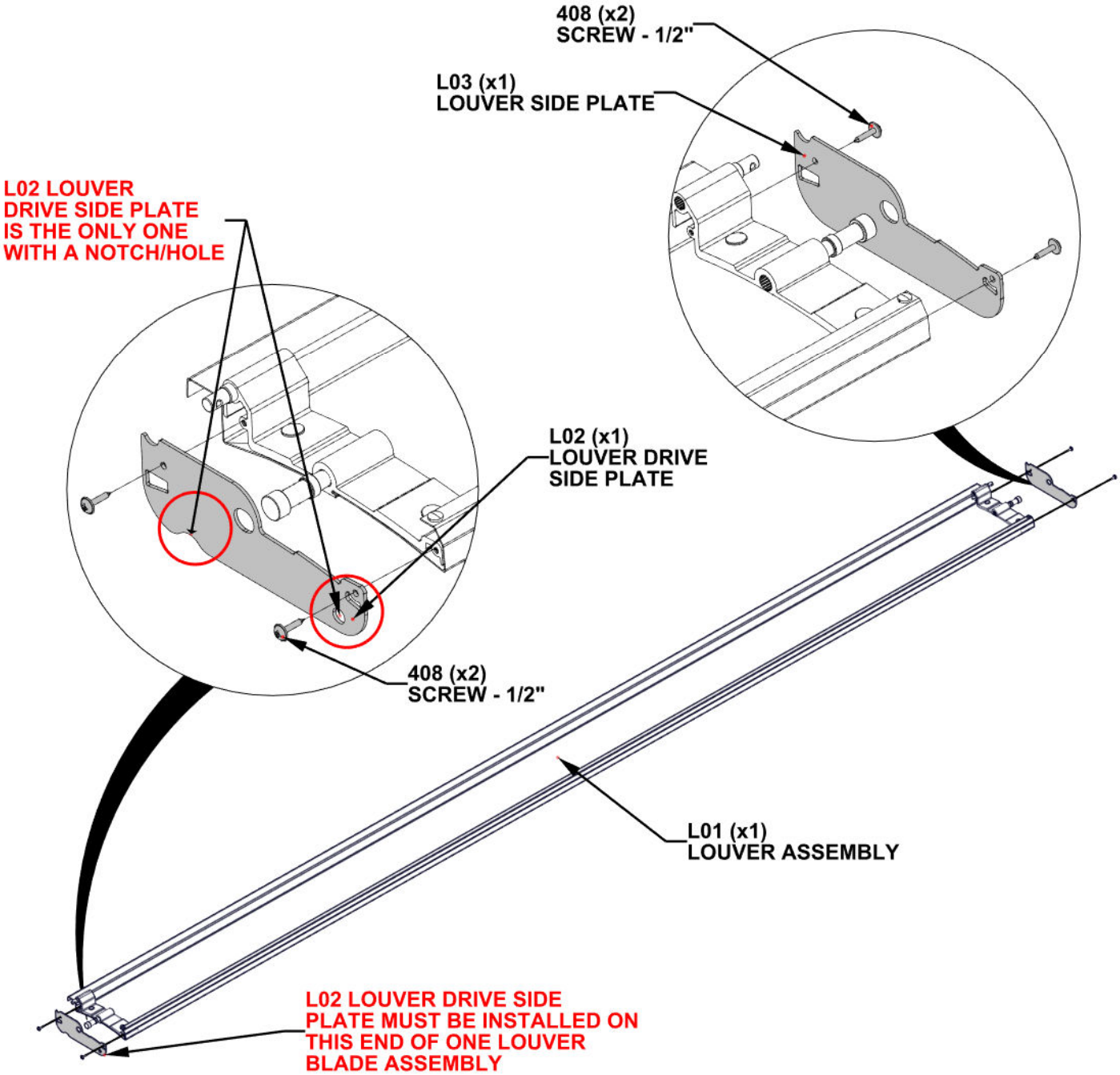


L03 - LOUVER SIDE PLATE - A4M04138
(x1) 1/16"x2 3/16"x6 9/16" (2x55x167)

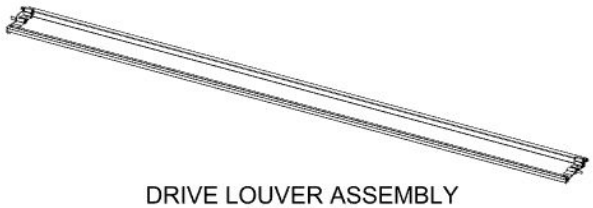
Qty	PartNo	Description
4	H100408	SCREW PWH 8x1/2 BLK

- DO NOT OVERTIGHTEN SCREWS.

FOR EASE OF ASSEMBLY, WE RECOMMEND USING SAWHORSES FOR THIS STEP.

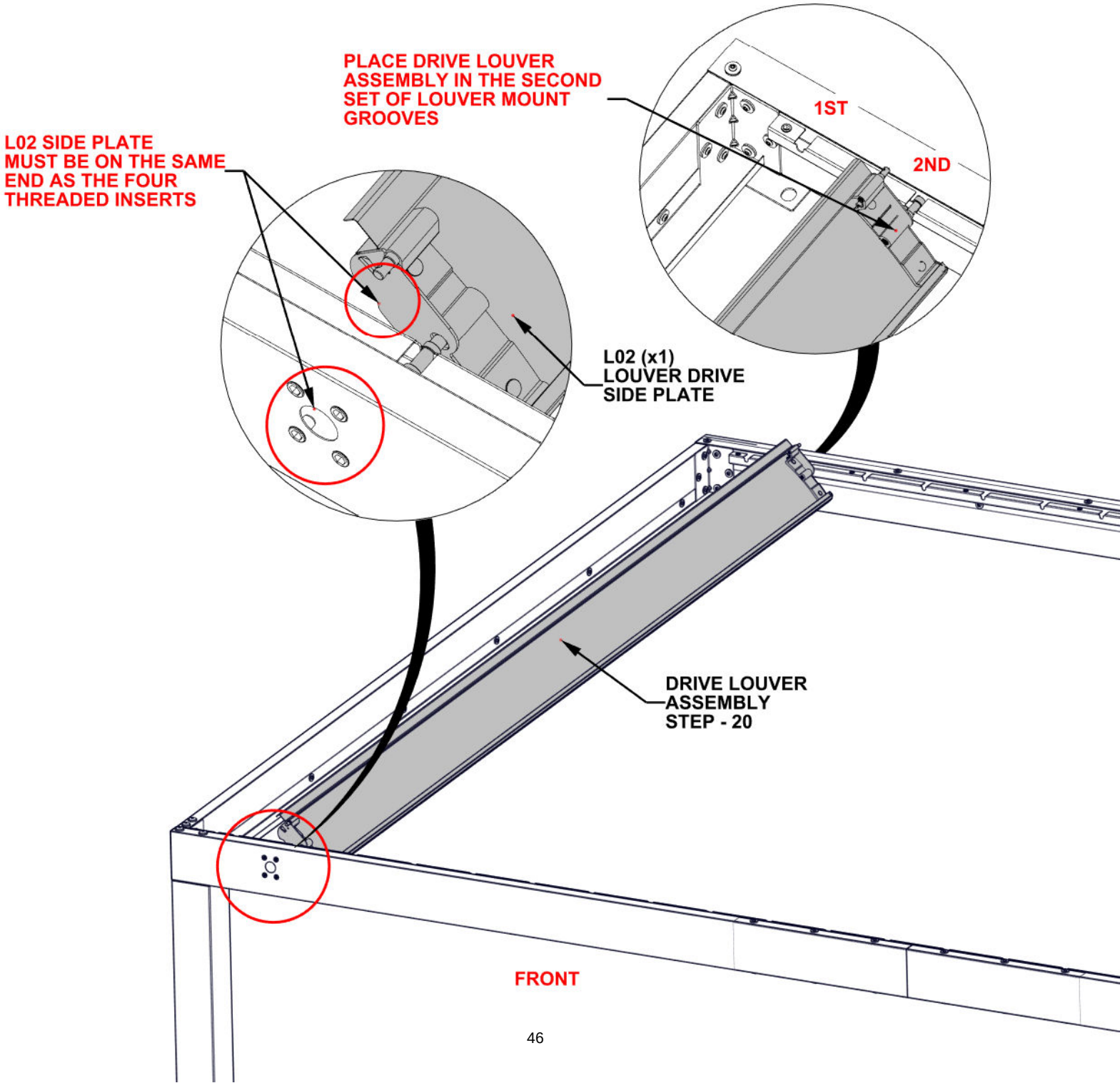


STEP 21 - DRIVE LOUVER ASSEMBLY

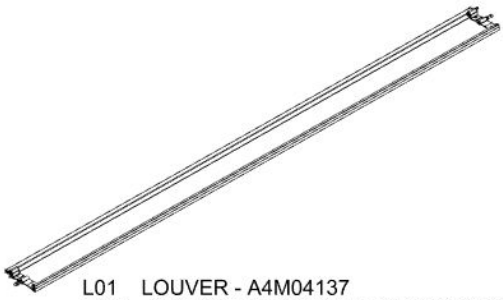


DRIVE LOUVER ASSEMBLY
STEP - 20

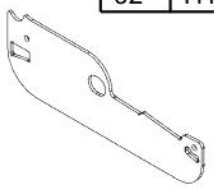
- ORIENTATION OF LOUVER WILL BE DETERMINED BY THE SIDE BEAM WITH FOUR THREADED INSERTS.
- PLACE DRIVE LOUVER FROM PREVIOUS STEP IN THE SECOND SET OF LOUVER MOUNT GROOVES. L02 DRIVE PLATE WILL BE ON SAME SIDE AS FOUR THREADED INSERTS IN BEAM.



STEP 22 - LOUVER ASSEMBLY



L01 LOUVER - A4M04137
(x23) 1 11/16"x7 5/8"x114 5/16" (42x194x2904)

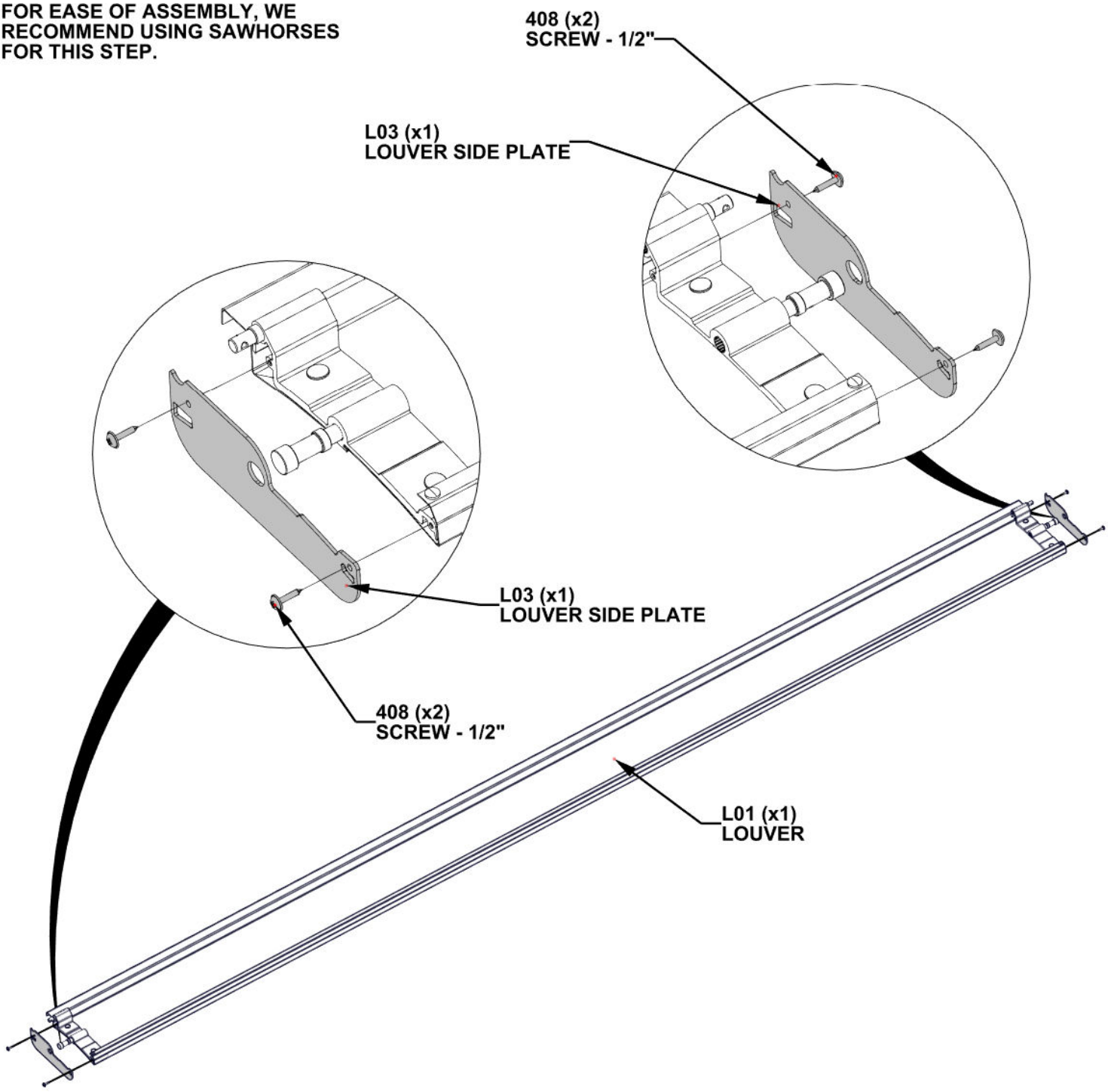


L03 LOUVER SIDE PLATE - A4M04138
(x46) 1/16"x2 3/16"x6 9/16" (2x55x167)

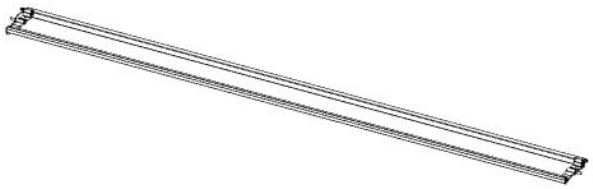
Qty	PartNo	Description
92	H100408	SCREW PWH 8x1/2 BLK

- REPEAT THIS STEP 23 TIMES.
- DO NOT OVERTIGHTEN SCREWS.

FOR EASE OF ASSEMBLY, WE RECOMMEND USING SAWHORSES FOR THIS STEP.

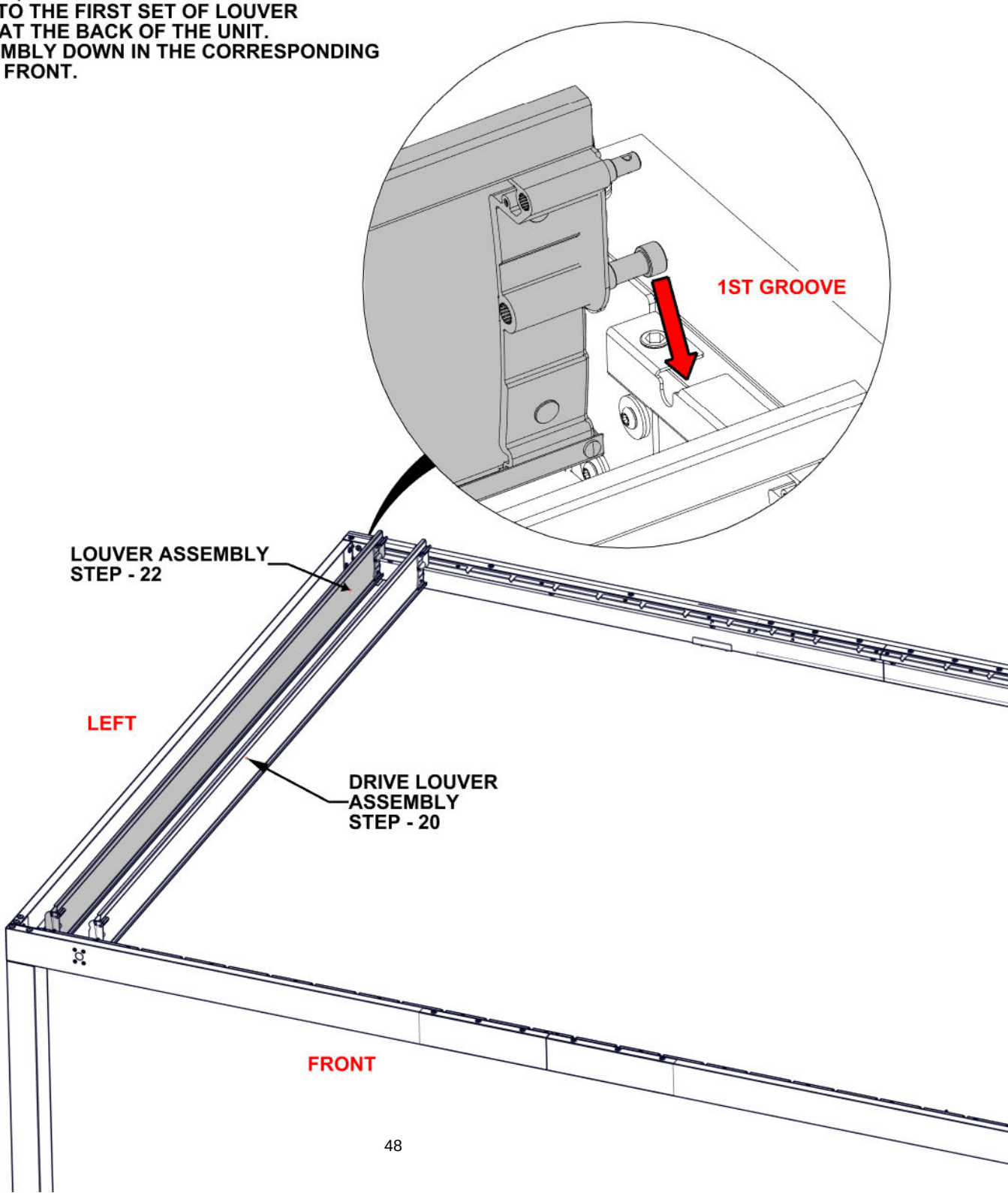


STEP 23A - LOUVER INSTALLATION



LOUVER ASSEMBLY
STEP - 22

- STARTING AT LEFT, PLACE THE LOUVER ASSEMBLY FROM STEP 22 INTO THE FIRST SET OF LOUVER MOUNT GROOVE AT THE BACK OF THE UNIT.
- PLACE THE ASSEMBLY DOWN IN THE CORRESPONDING GROOVES IN THE FRONT.

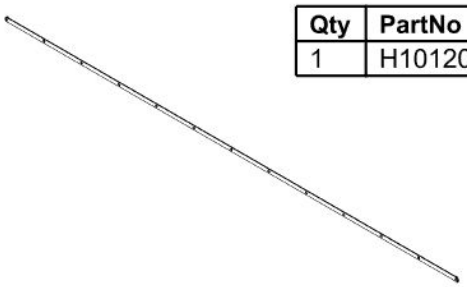


STEP 23B - LOUVER INSTALLATION

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

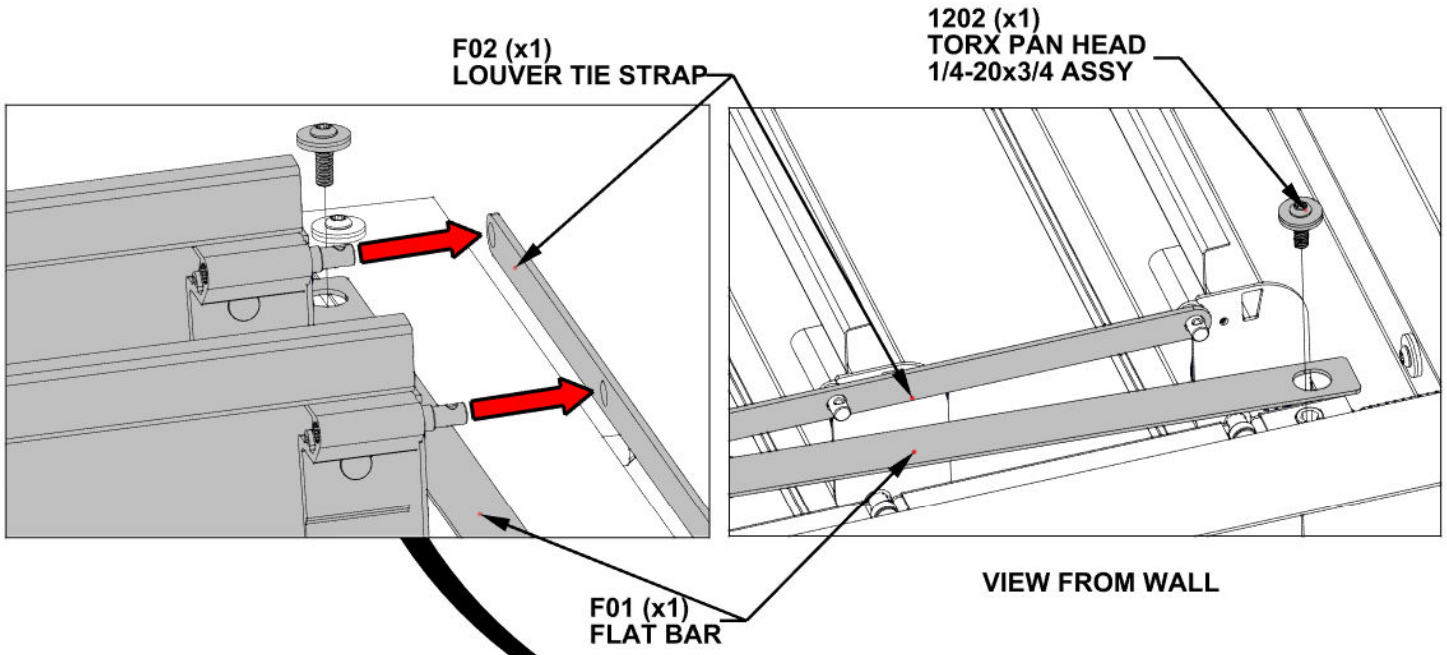


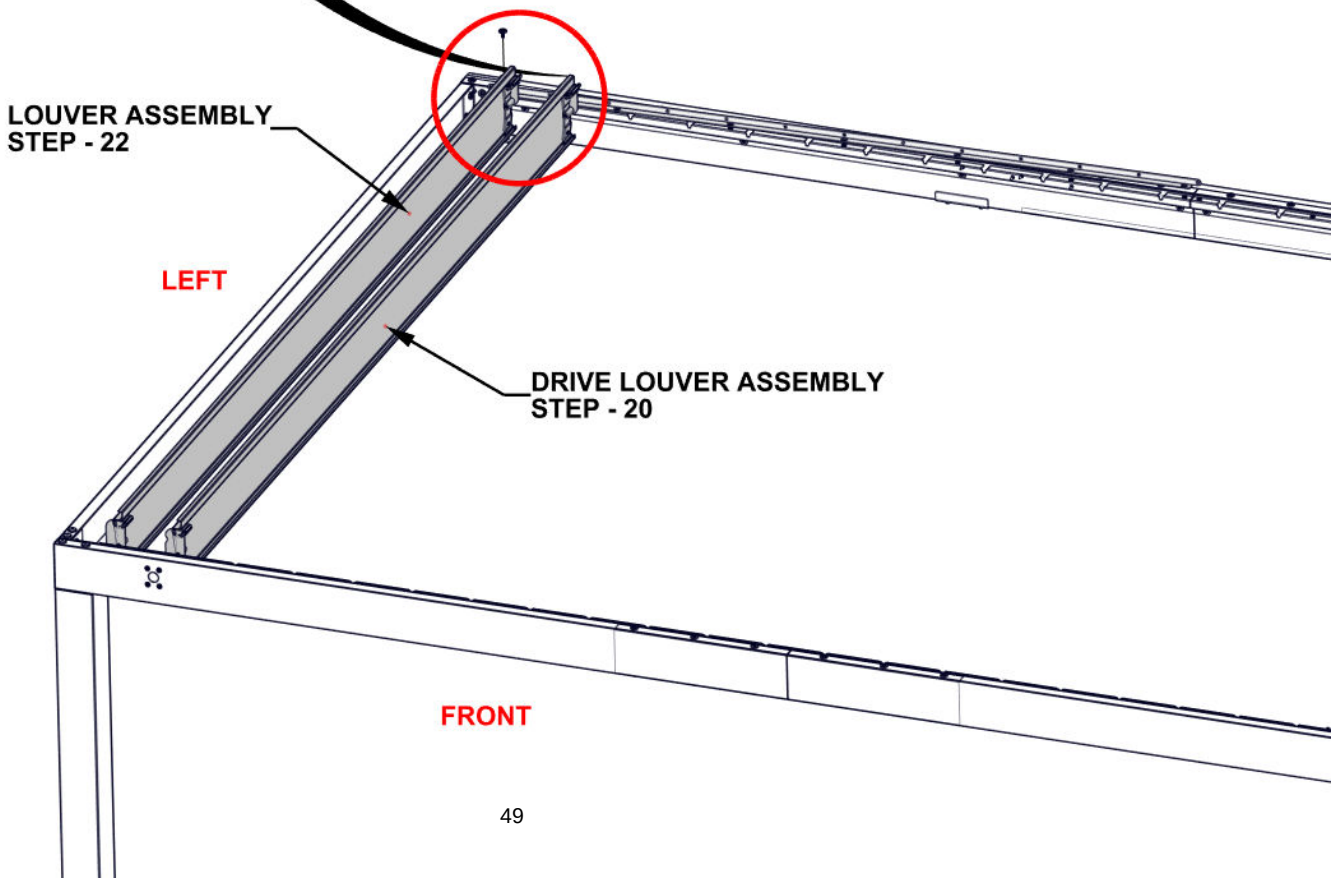
F01 FLAT BAR - A4M02129
(x1) 1/16"x1"x79 5/16" (2x25x2015)



F02 LOUVER TIE STRAP - A4M02130
(x1) 1/8"x5/8"x81 7/16" (3x16x2068)

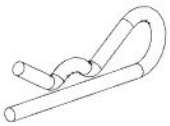
- ON THE BACK SIDE, INSTALL FLAT BAR AND INSTALL ONE BOLT TO HOLD IN PLACE.
- ATTACH LOUVER TIE STRAP AND SLIDE OVER PINS ON LOUVER ASSEMBLIES.



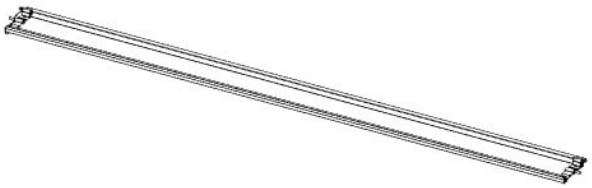


STEP 23C - LOUVER INSTALLATION

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

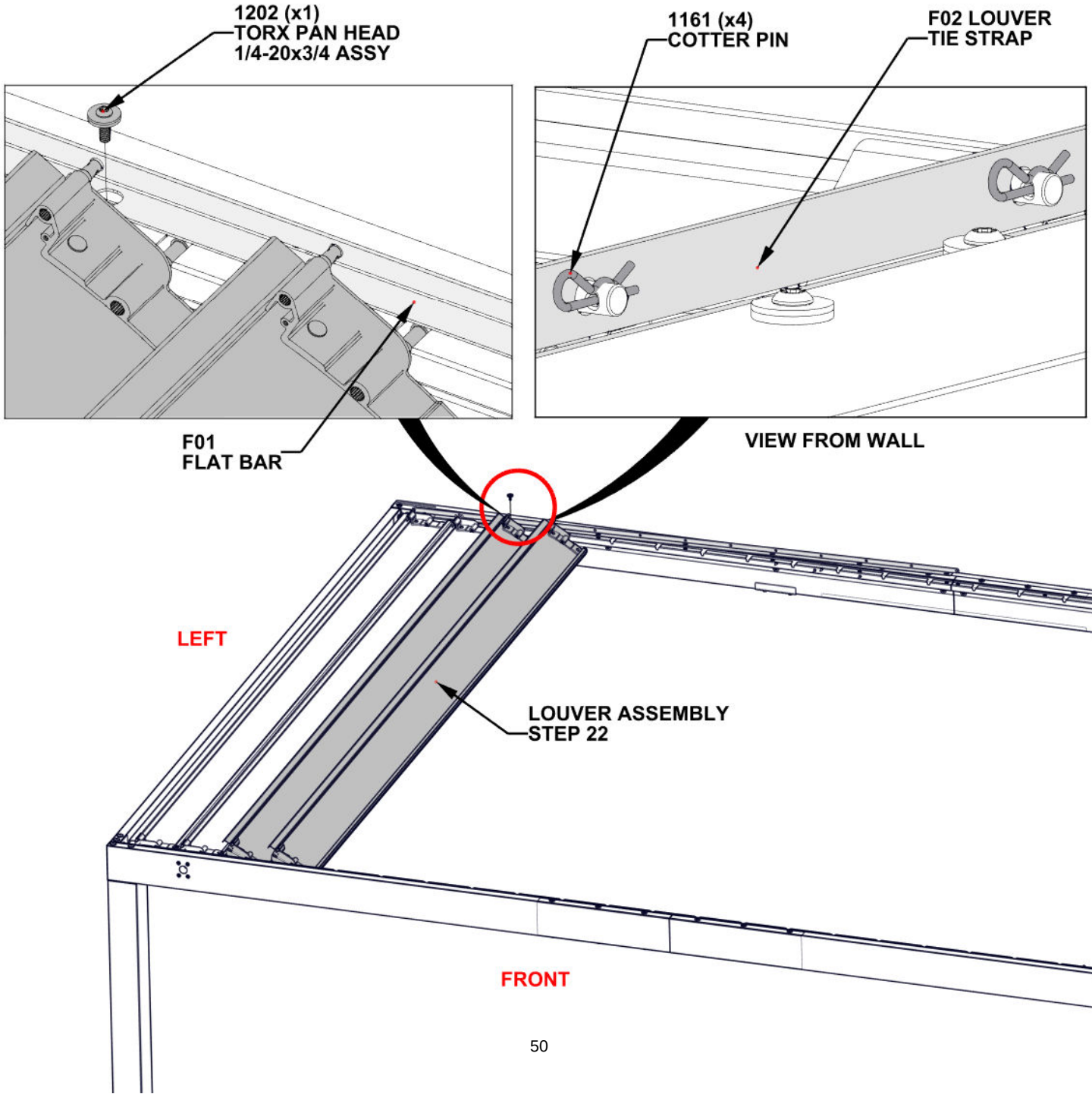


H101161 COTTER PIN
(x4)

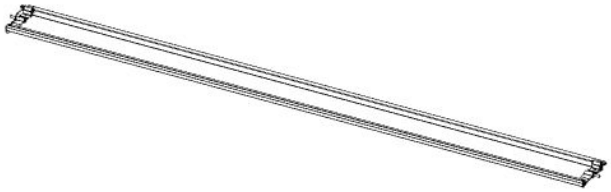


LOUVER ASSEMBLY STEP - 22
(x2)

- ON THE BACK SIDE, LIFT TIE STRAP AND FLAT BAR 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 FRONT OF UNIT.
- MAKE SURE ALL LOUVER BLADE ASSEMBLIES ARE ORIENTED IN THE SAME DIRECTION.
- ATTACH COTTER PINS TO EACH OF THE INSTALLED LOUVER BLADES ON THE BACK SIDE.



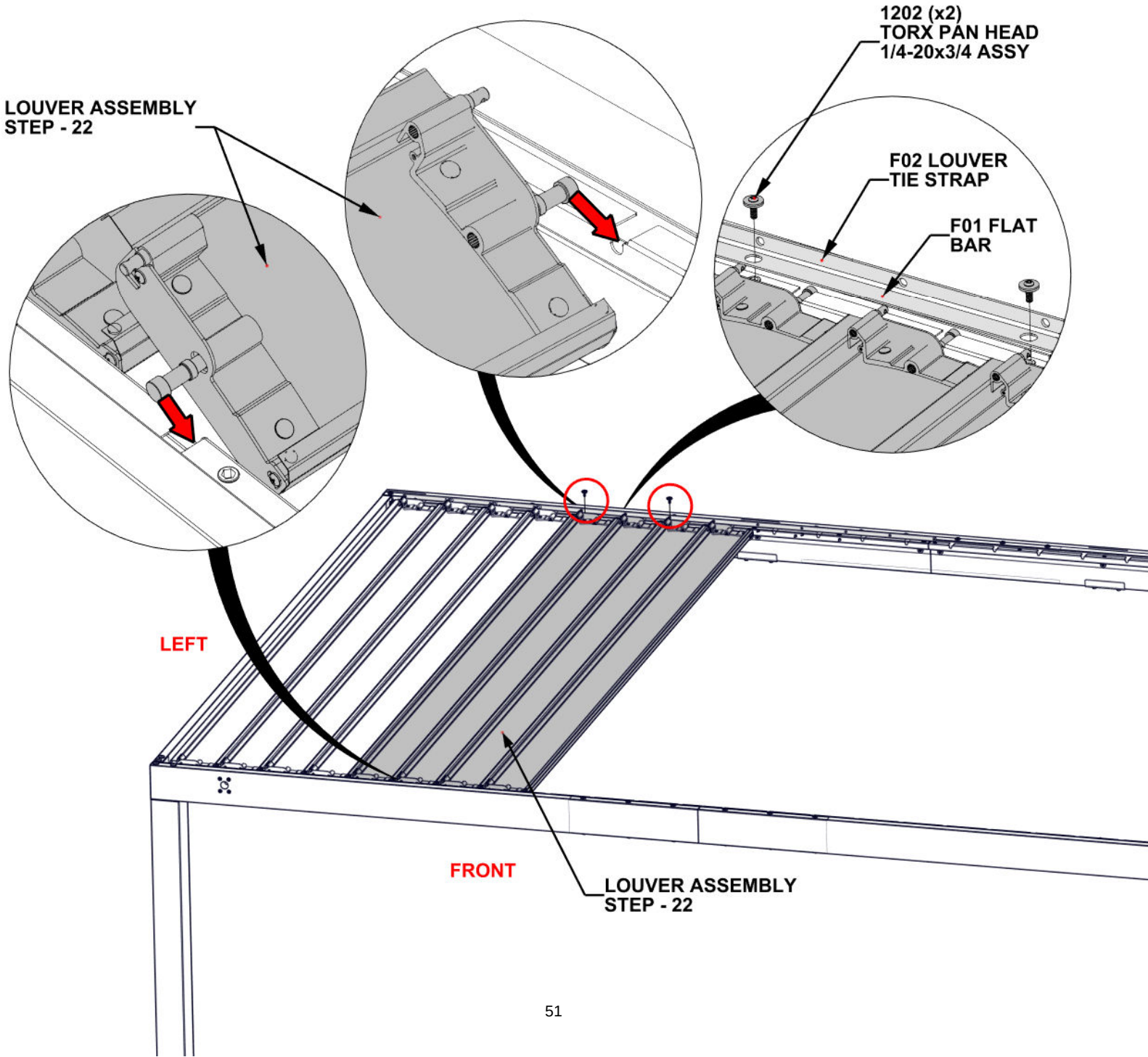
STEP 23D - LOUVER INSTALLATION



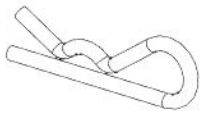
LOUVER ASSEMBLY STEP - 22
(x4)

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

- ON THE BACK SIDE, LIFT TIE STRAP AND FLAT BAR 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 FRONT OF UNIT.
- MAKE SURE ALL LOUVER BLADE ASSEMBLIES ARE ORIENTED IN THE SAME DIRECTION.
- ATTACH FLAT BAR WITH TWO BOLTS.

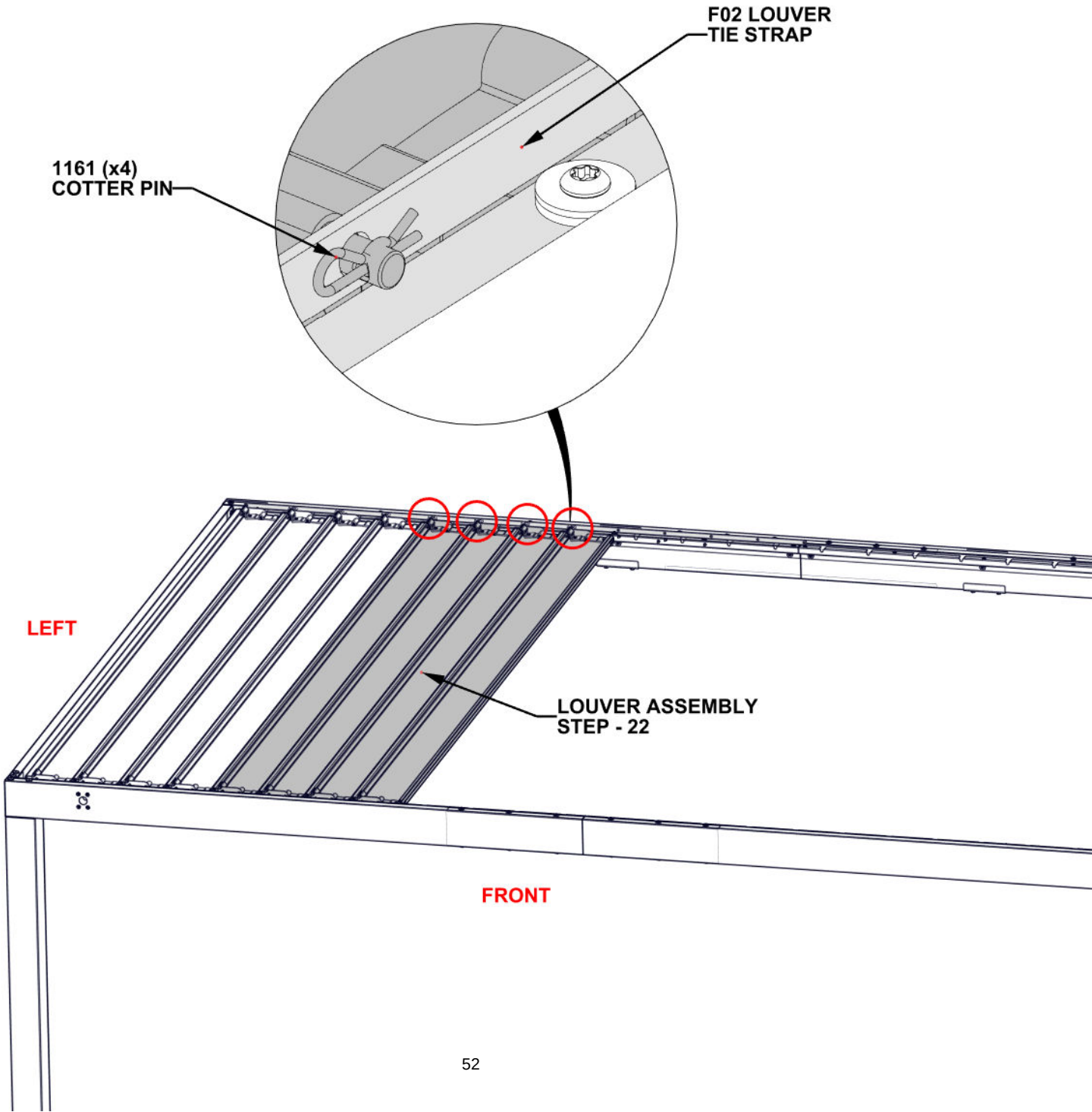


STEP 23E - LOUVER INSTALLATION



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 BACK SIDE.



STEP 23F - LOUVER INSTALLATION

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

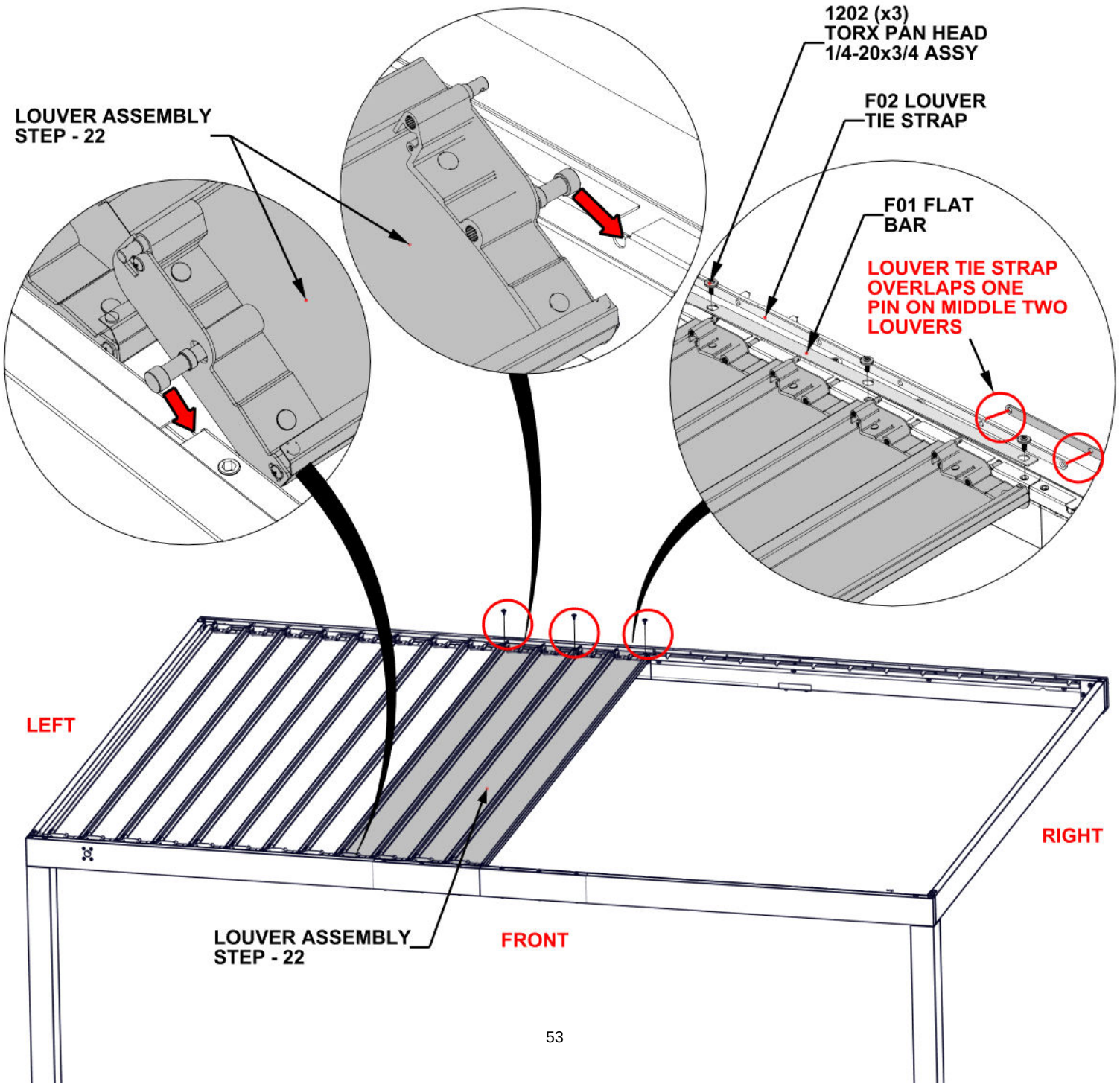


LOUVER ASSEMBLY STEP - 22
(x4)

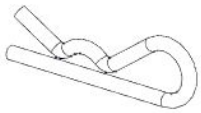


F02 LOUVER TIE STRAP - A4M02130
(x1) 1/8"x5/8"x81 7/16" (3x16x2068)

- ON THE BACK SIDE, LIFT TIE STRAP AND FLAT BAR 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 FRONT OF UNIT.
- MAKE SURE ALL LOUVER BLADE ASSEMBLIES ARE ORIENTED IN THE SAME DIRECTION.
- ATTACH FLAT BAR WITH THREE BOLTS.

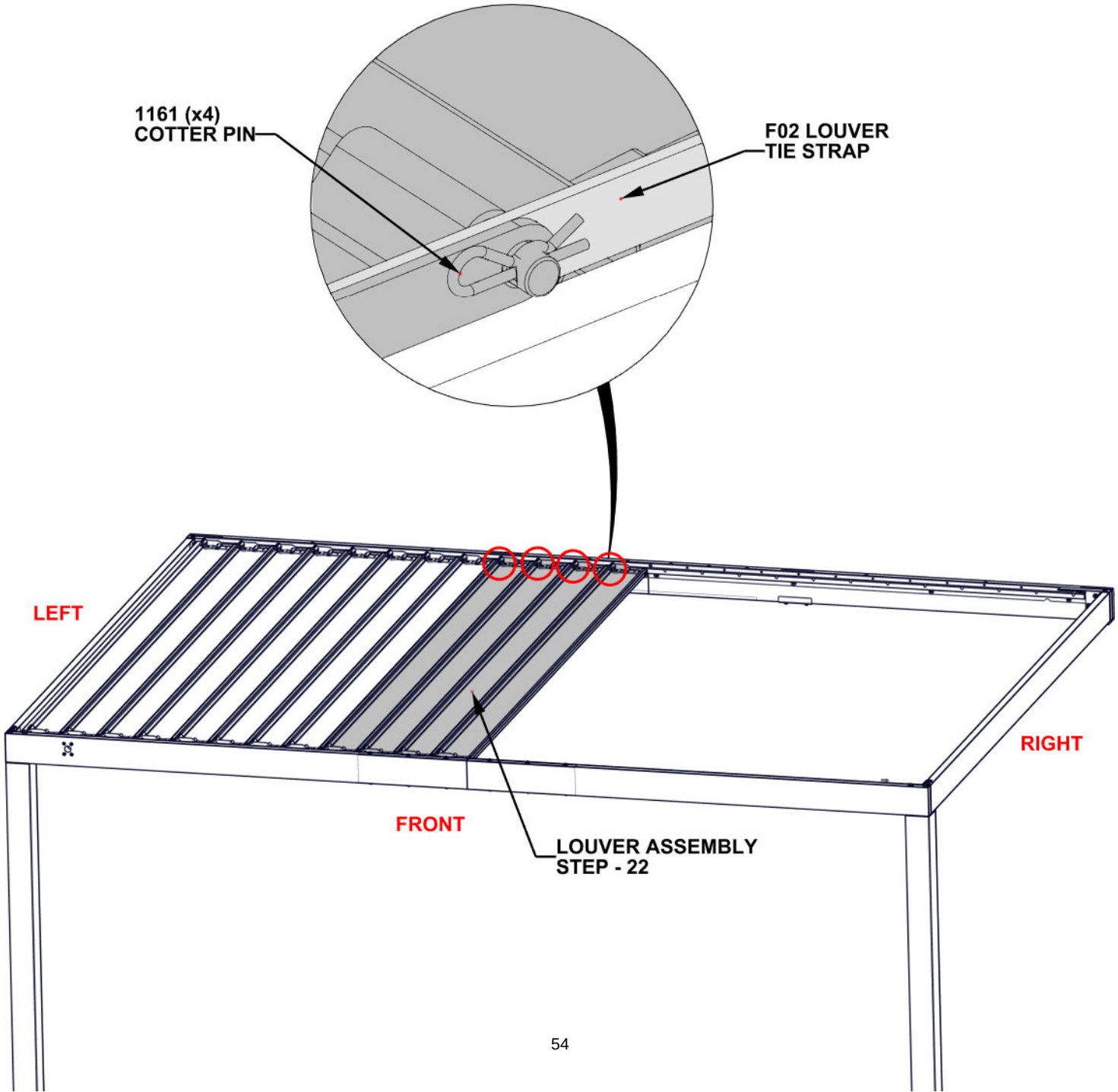


STEP 23G - LOUVER INSTALLATION



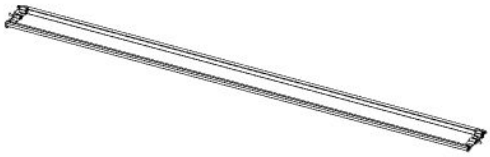
H101161 (x4) COTTER PIN

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

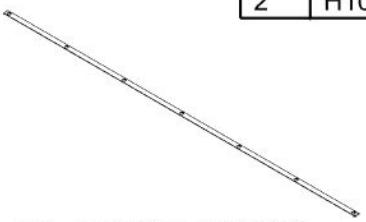


STEP 23H - LOUVER INSTALLATION

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

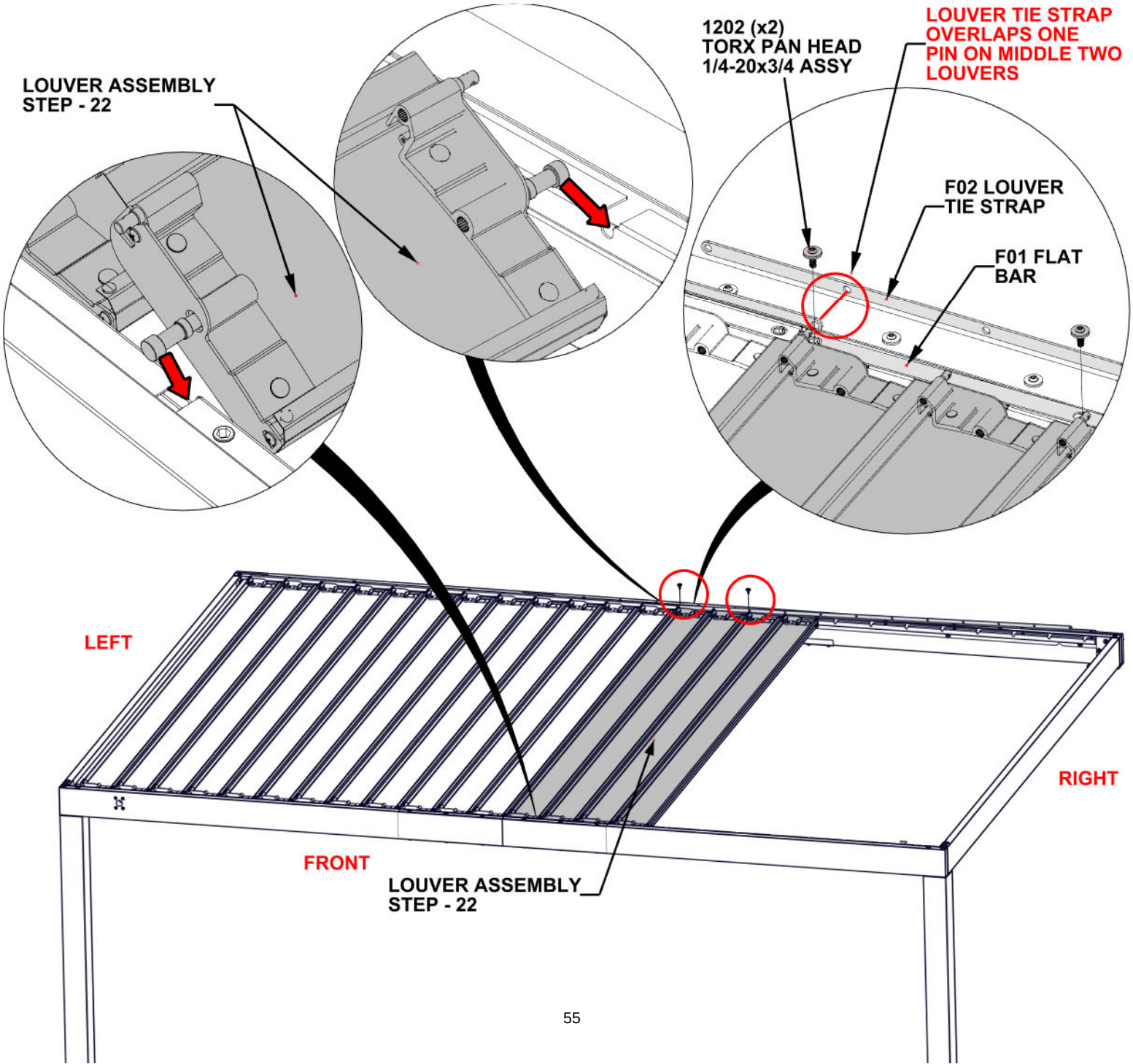


LOUVER ASSEMBLY STEP - 22
(x4)

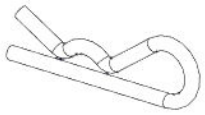


F01 (x1) FLAT BAR - A4M02129
1/16"x1"x79 5/16" (2x25x2015)

- ON THE BACK SIDE, LIFT TIE STRAP AND FLAT BAR 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 FRONT OF UNIT.
- MAKE SURE ALL LOUVER BLADE ASSEMBLIES ARE ORIENTED IN THE SAME DIRECTION.
- ATTACH FLAT BAR WITH TWO BOLTS.

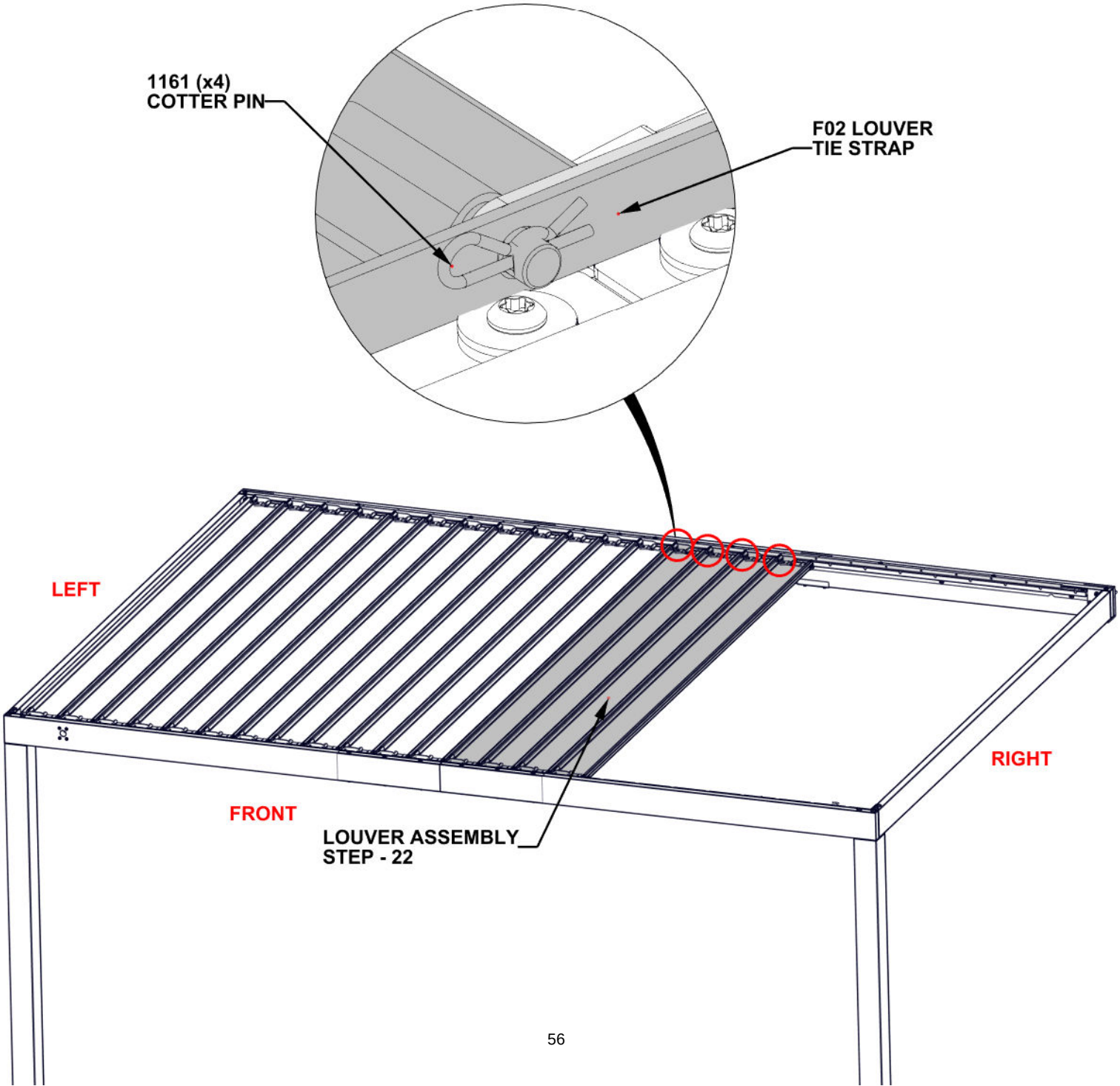


STEP 23I - LOUVER INSTALLATION

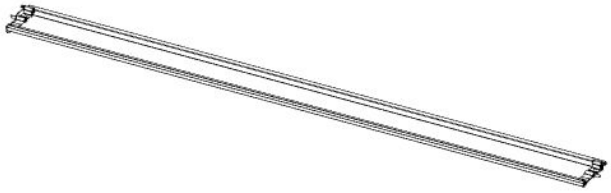


H101161 COTTER PIN
(x4)

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



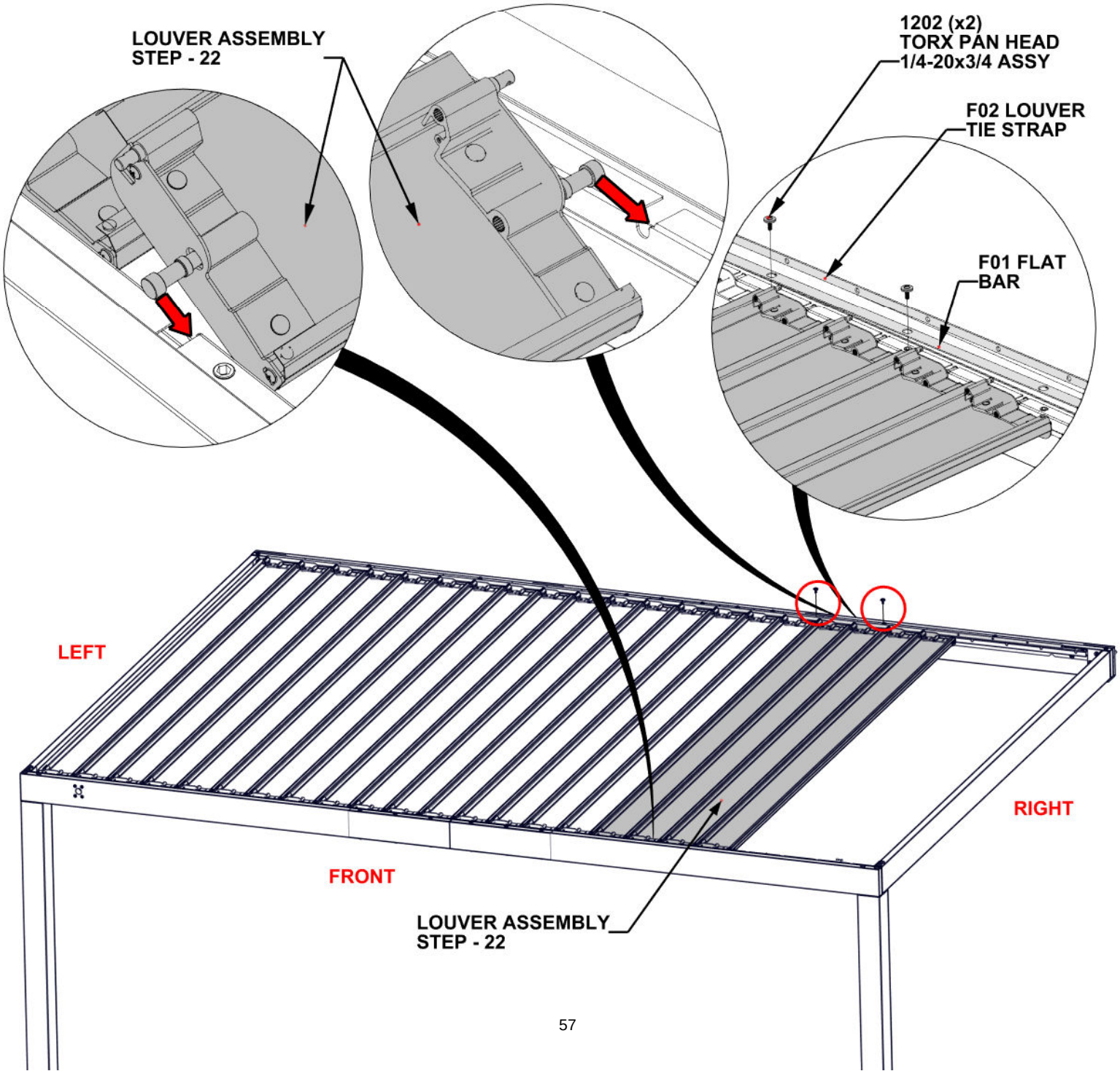
STEP 23J - LOUVER INSTALLATION



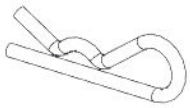
LOUVER ASSEMBLY STEP - 22
(x4)

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

- ON THE BACK SIDE, LIFT TIE STRAP AND FLAT BAR 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 FRONT OF UNIT.
- MAKE SURE ALL LOUVER BLADE ASSEMBLIES ARE ORIENTED IN THE SAME DIRECTION.
- ATTACH FLAT BAR WITH TWO BOLTS.

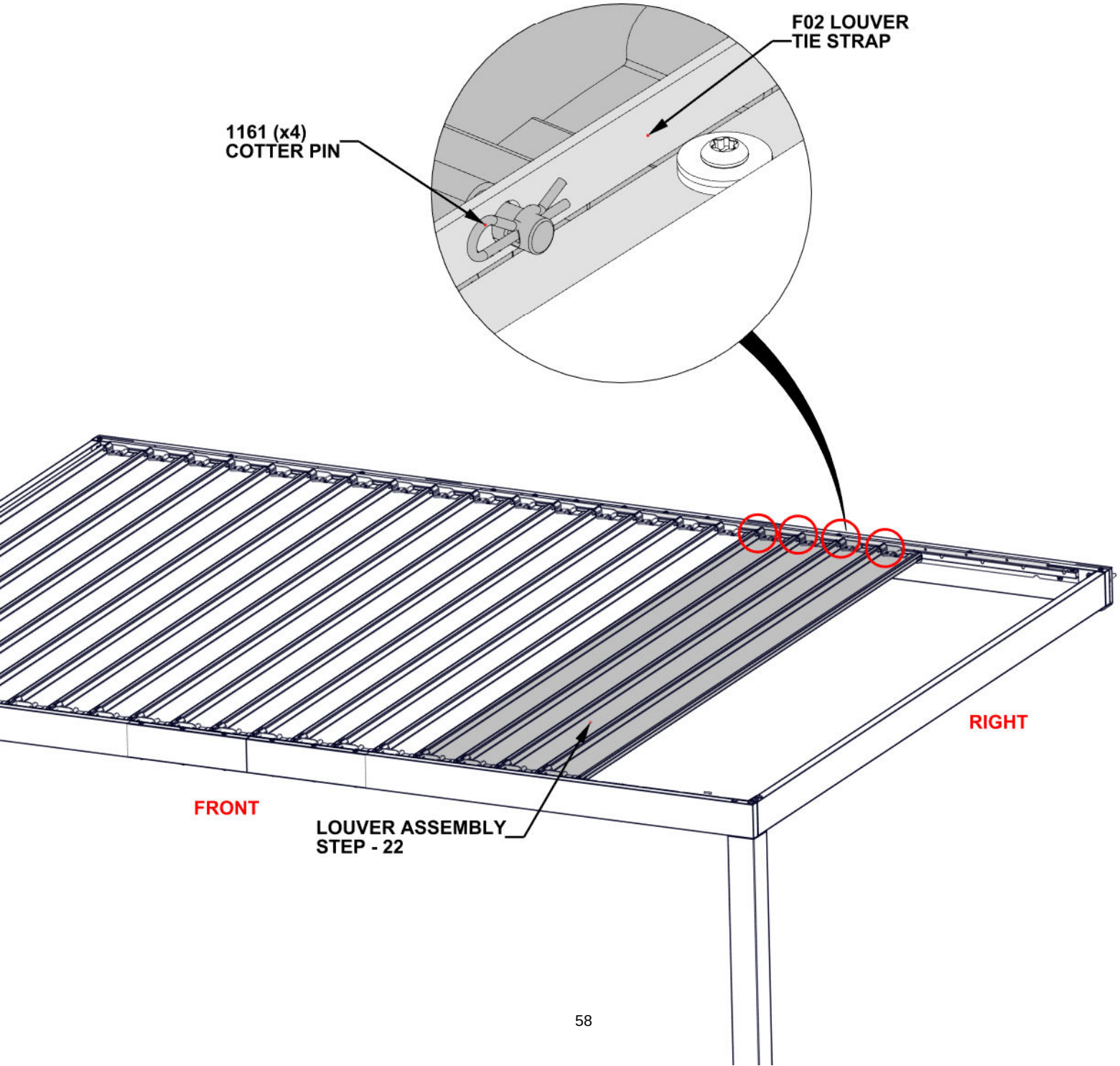


STEP 23K - LOUVER INSTALLATION

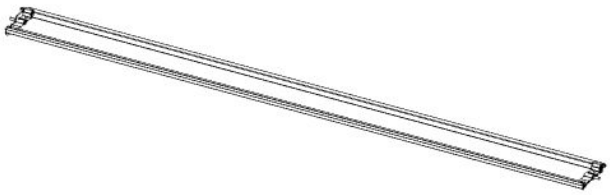


H101161 COTTER PIN
(x4)

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



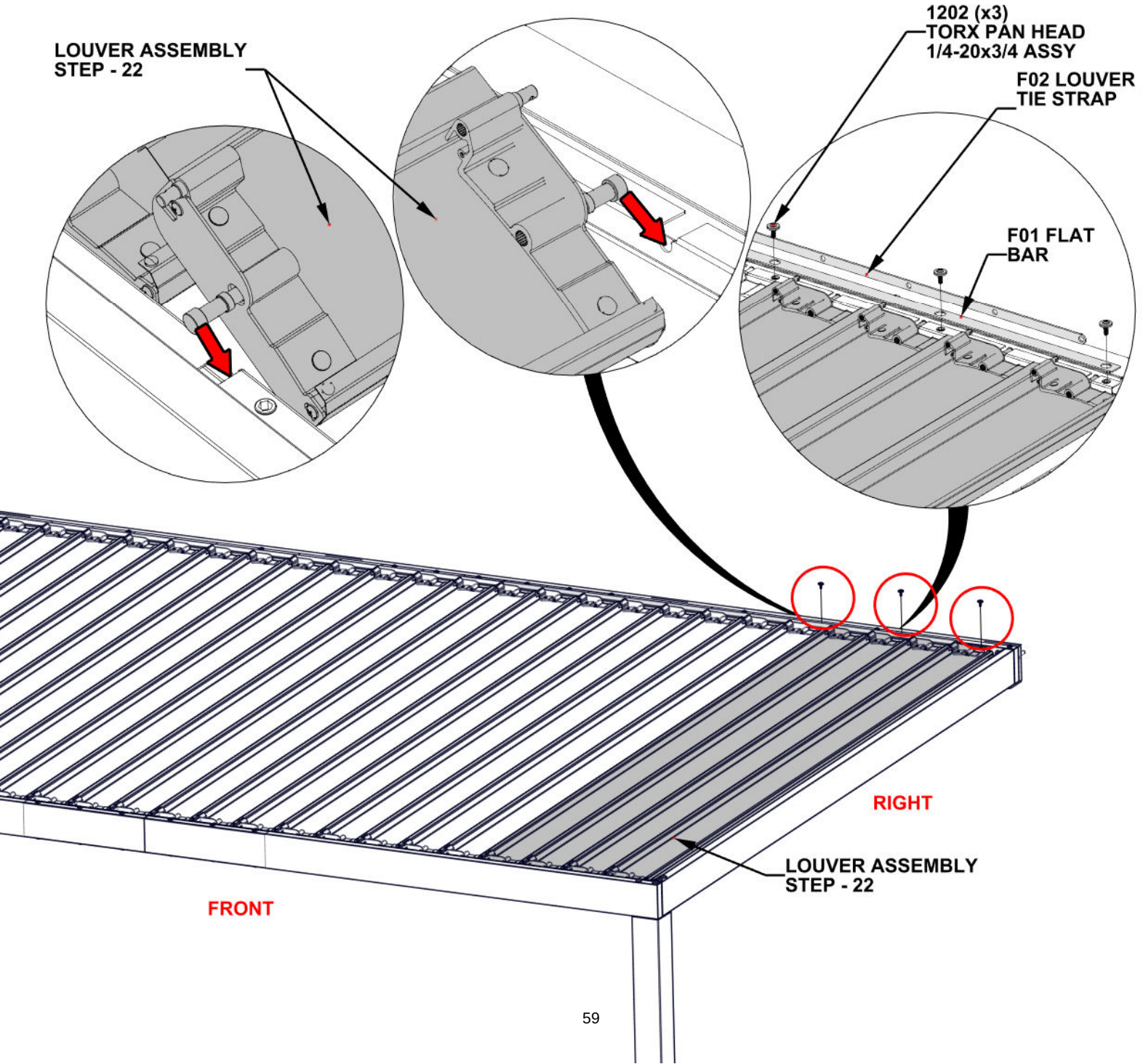
STEP 23L - LOUVER INSTALLATION



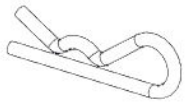
LOUVER ASSEMBLY STEP - 22
(x4)

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

- ON THE BACK SIDE, LIFT TIE STRAP AND FLAT BAR 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 FRONT OF UNIT.
- MAKE SURE ALL LOUVER BLADE ASSEMBLIES ARE ORIENTED IN THE SAME DIRECTION.
- ATTACH FLAT BAR WITH THREE BOLTS.

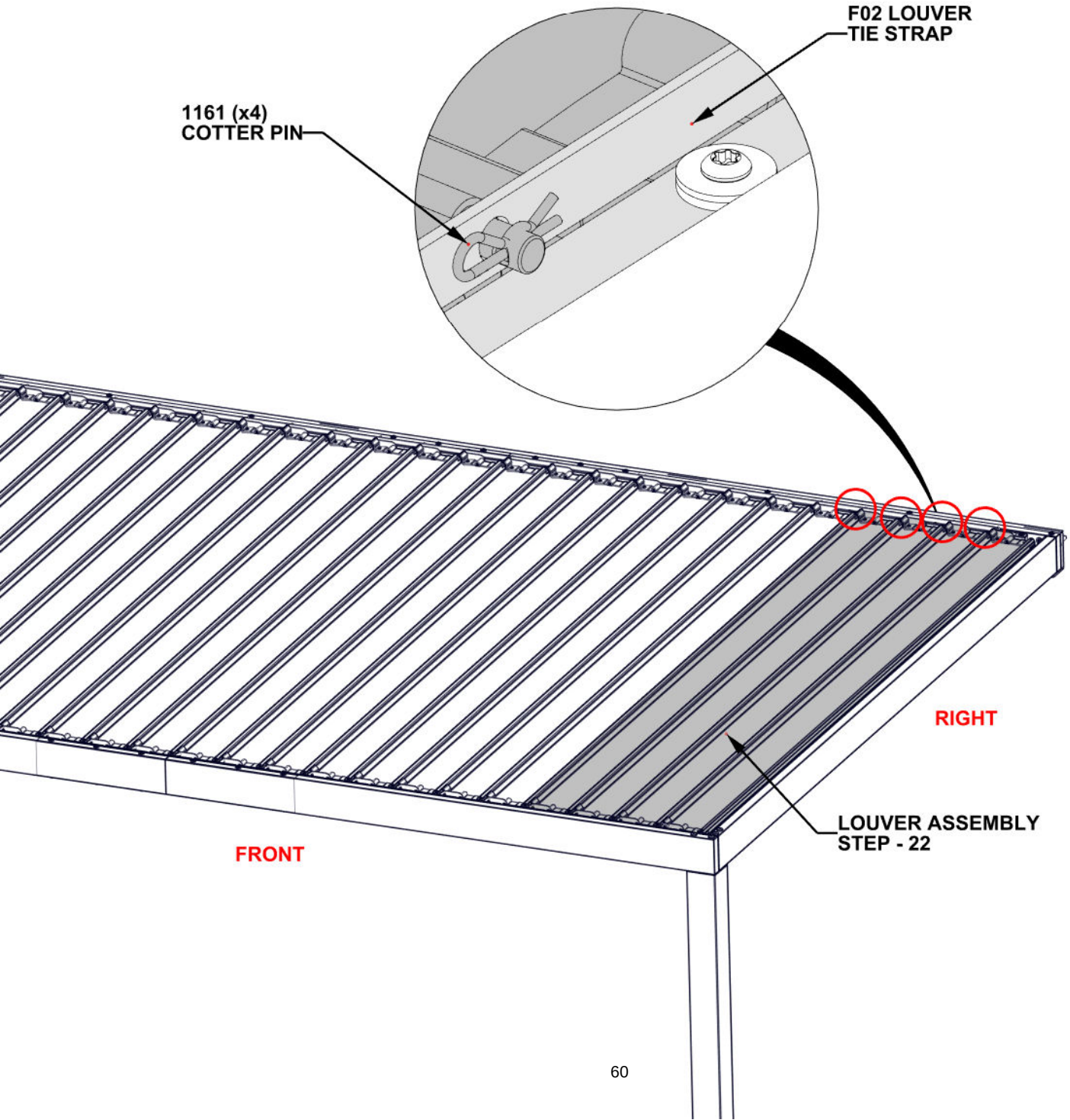


STEP 23M - LOUVER INSTALLATION

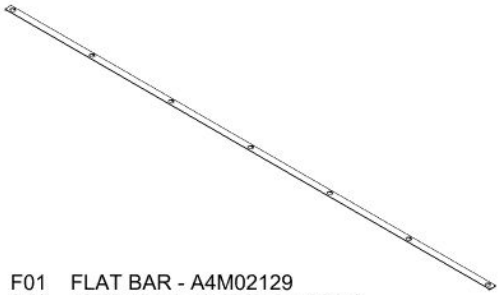


H101161 COTTER PIN
(x4)

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



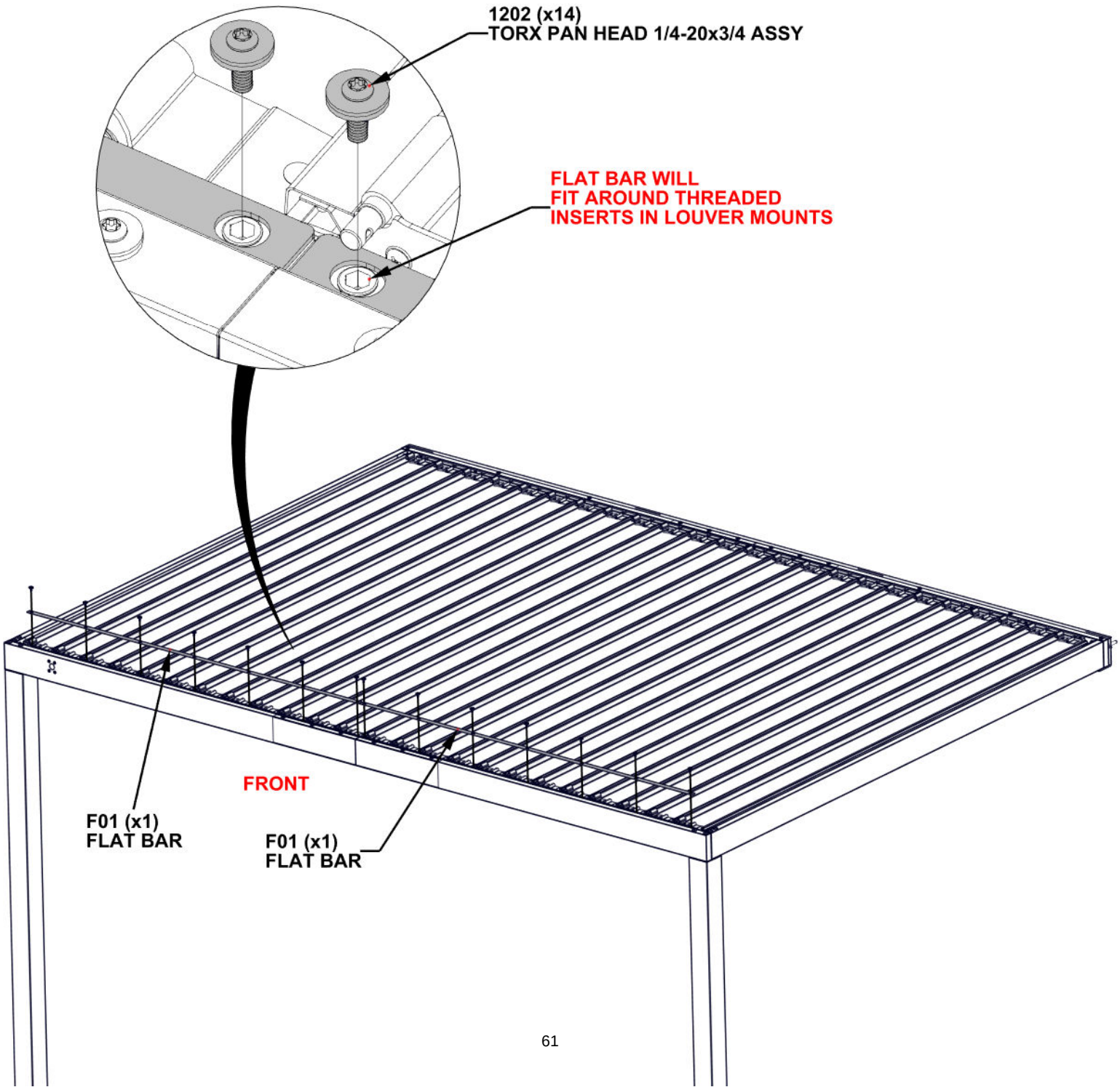
STEP 24 - LOUVER INSTALLATION



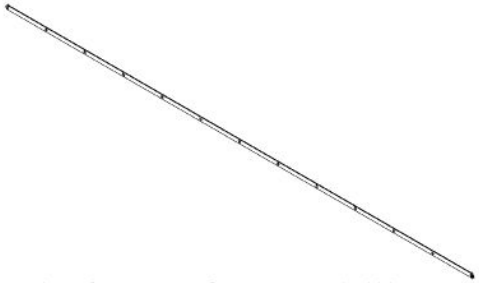
F01 FLAT BAR - A4M02129
(x2) 1/16"x1"x79 5/16" (2x25x2015)

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

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

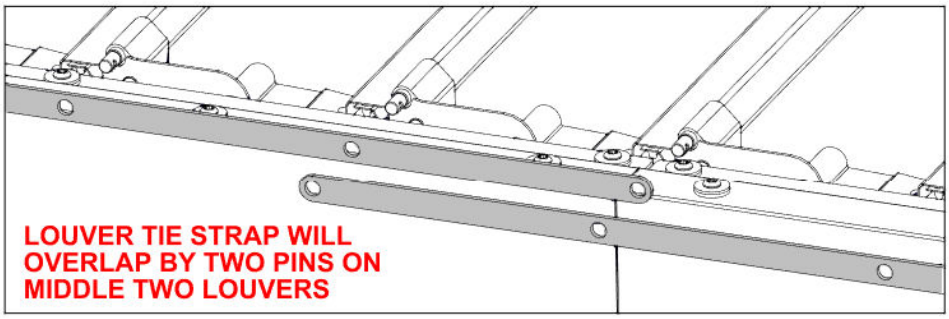


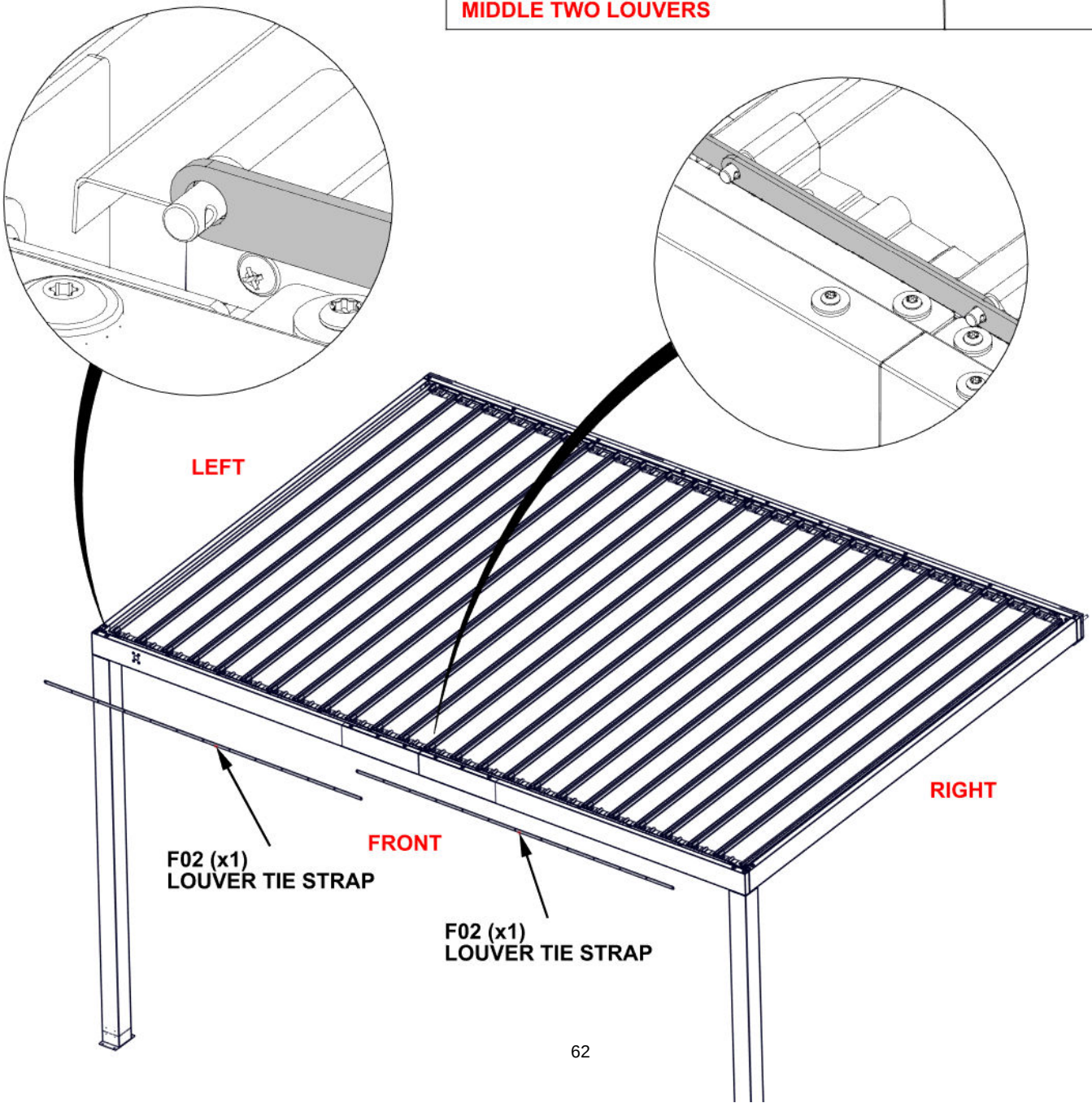
STEP 25A - LOUVER INSTALLATION



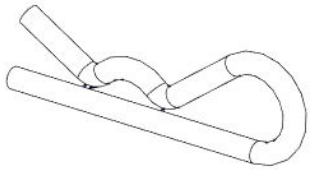
F02 (x2) LOUVER TIE STRAP - A4M02130
1/8"x5/8"x81 7/16" (3x16x2068)

- LOUVER TIE STRAPS WILL CONNECT ALL LOUVERS TO ONE ANOTHER.
- STARTING ON THE LEFT AND WORKING TO THE RIGHT, CONNECT LOUVERS USING TIE STRAPS. OVERLAP TIE STRAPS TO HOLD MIDDLE LOUVERS TOGETHER.



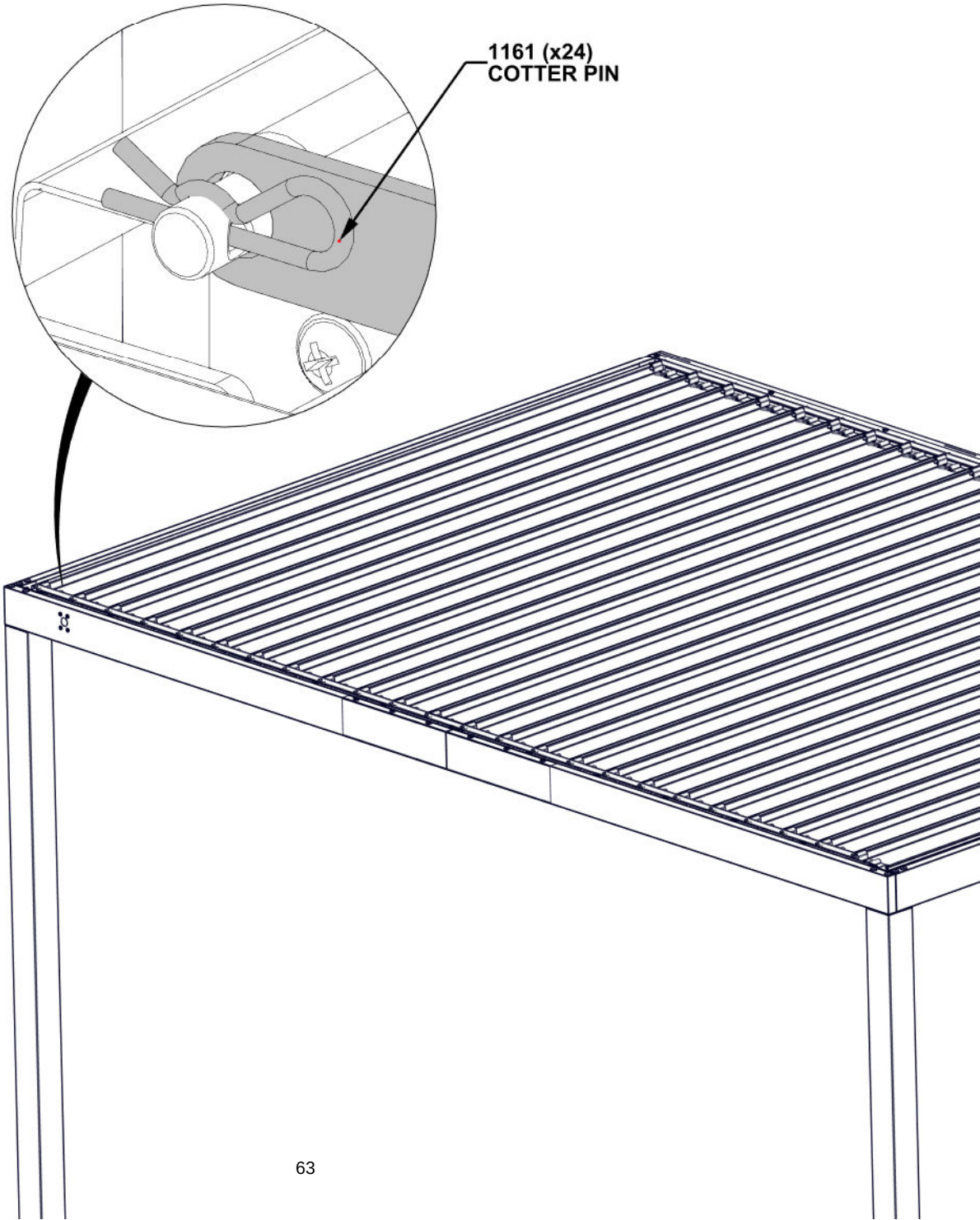


STEP 25B - LOUVER INSTALLATION



H101161 (x24) COTTER PIN

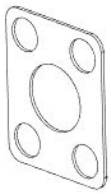
- INSTALL COTTER PINS ON EACH LOUVER TO HOLD TIE STRAP IN PLACE.
- CONFIRM ALL HARDWARE HAS BEEN TIGHTENRED FROM PREVIOUS STEPS.



STEP 26 - LOUVER MECHANISM



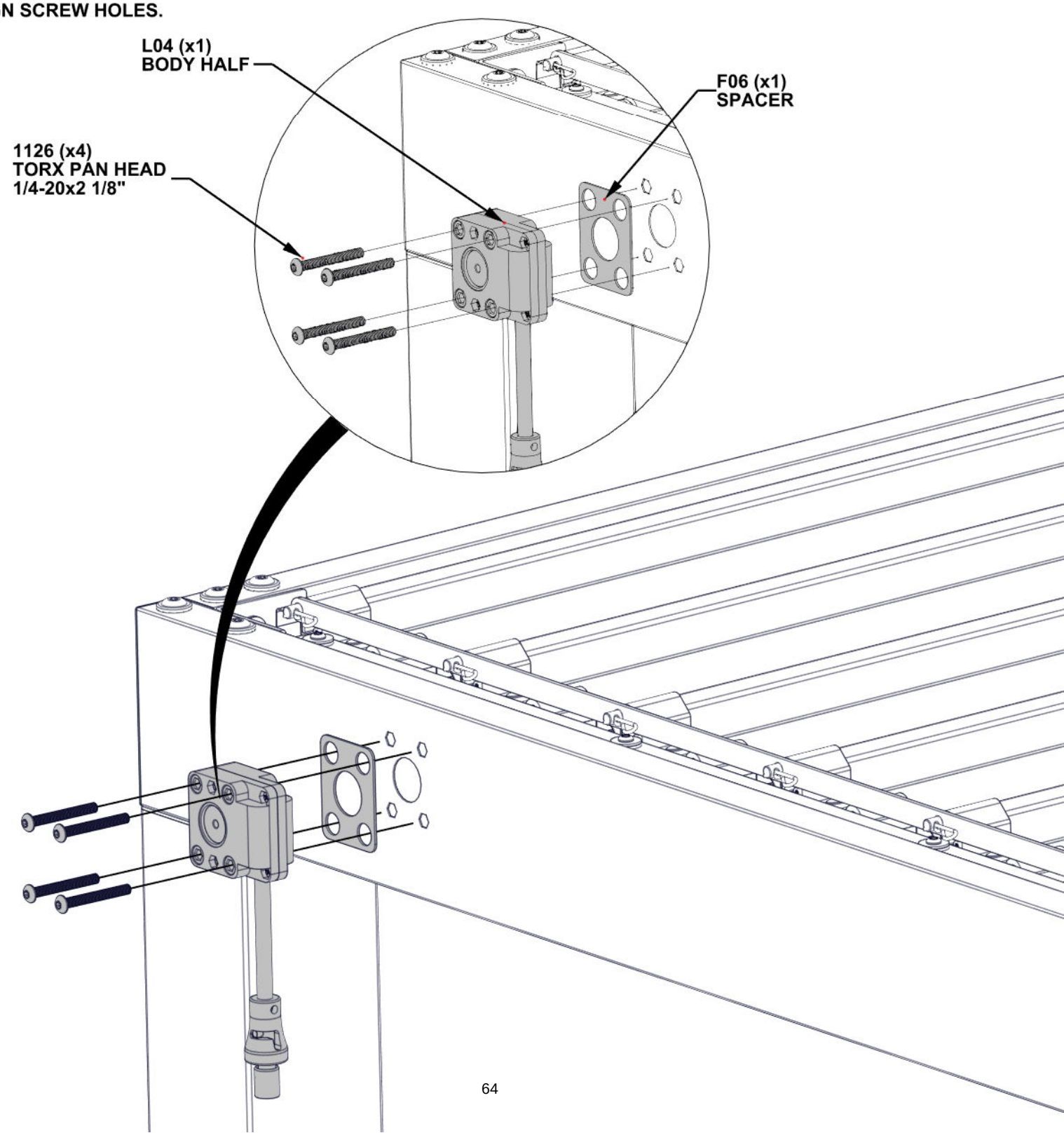
L04 BODY HALF - A4M02132
(x1) 11/16"x2 1/2"x2 7/8" (17x64x73)



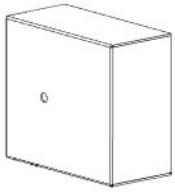
F06 SPACER - A4M02227
(x1) 1/16"x2 3/16"x2 3/4" (1.5x56x70)

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

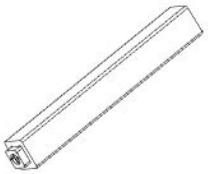
- ALIGN SCREW HOLES.



STEP 27 - LOUVER MECHANISM



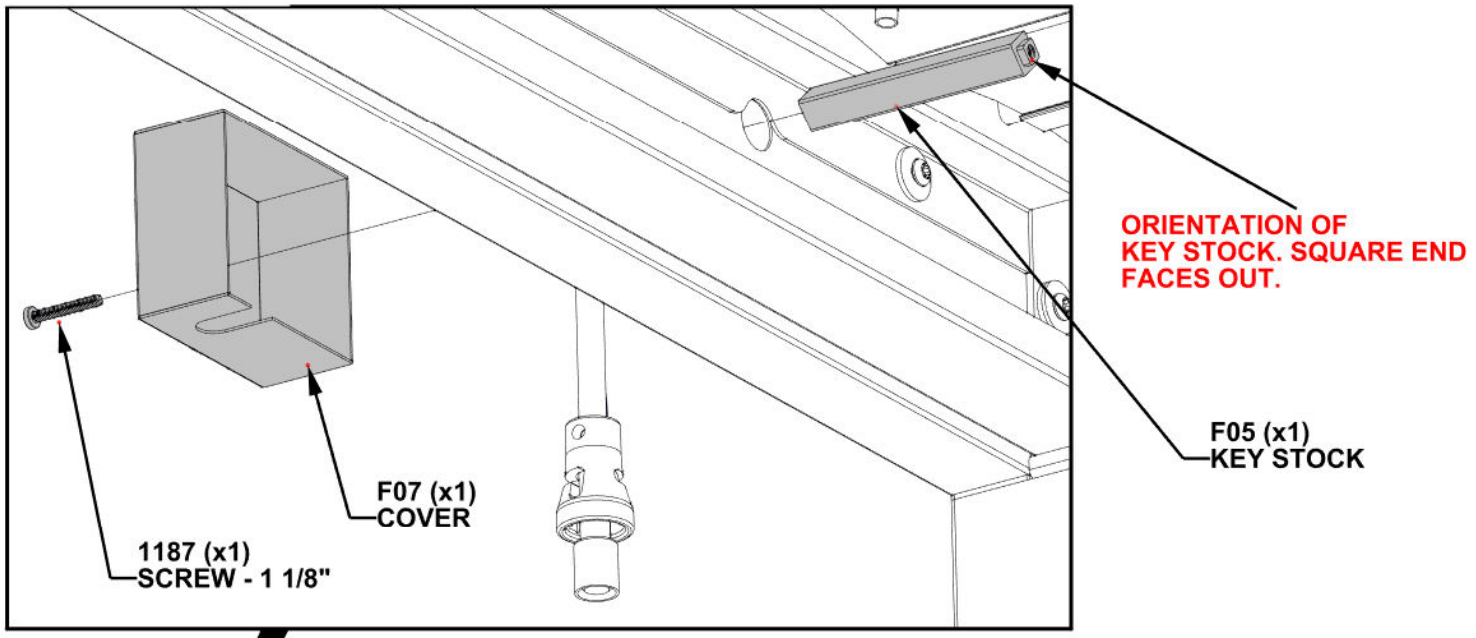
F07 (x1) COVER - A4M02228
1 9/16"x2 7/8"x3 1/4" (39.5x73x82)

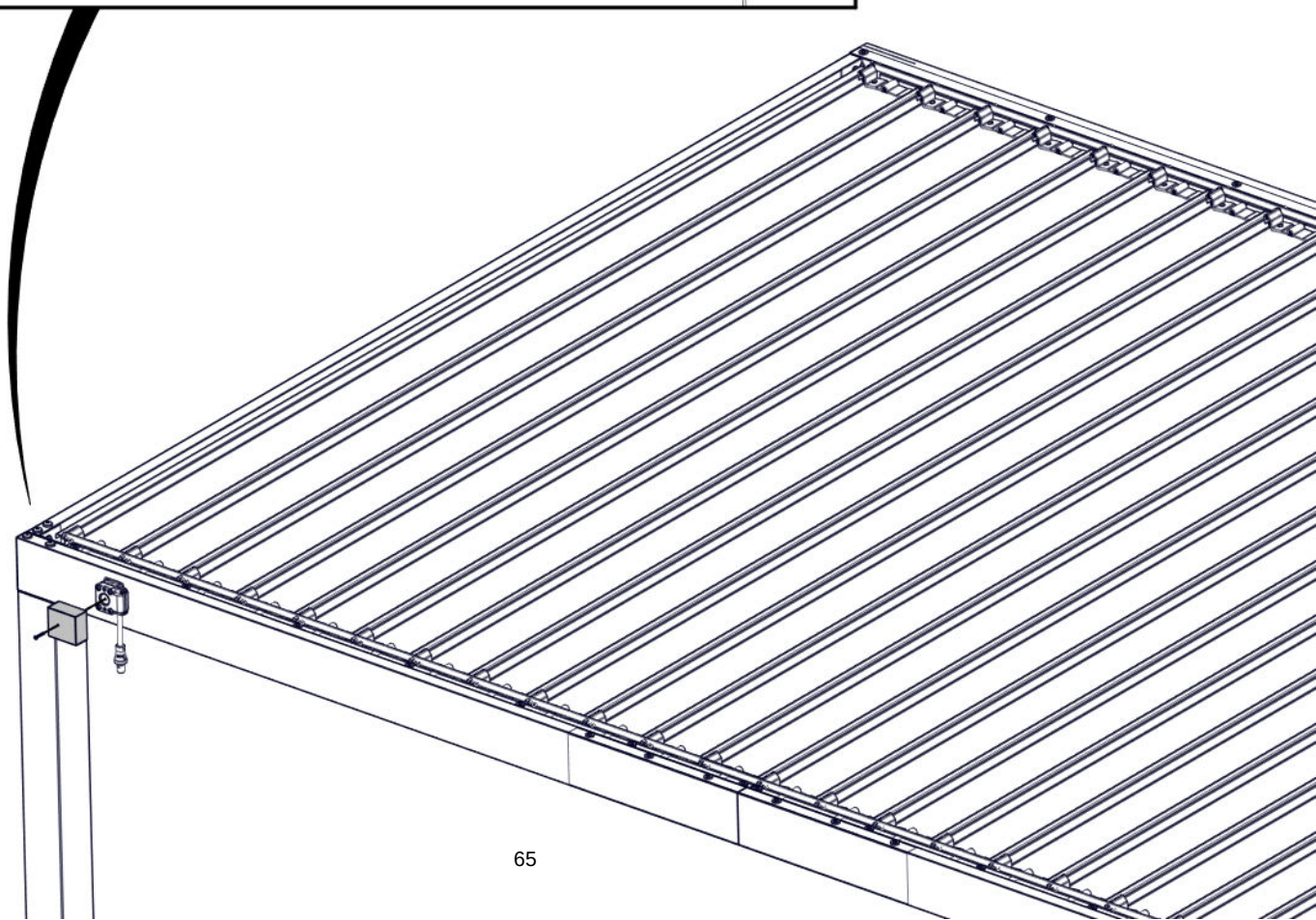


F05 (x1) KEY STOCK - A4M02226
1/2"x1/2"x3 3/4" (13.0x13.0x95)

Qty	PartNo	Description
1	H101187	BOLT PPH 8-32x1 1/8 BLK

- ALIGN SCREW HOLES.



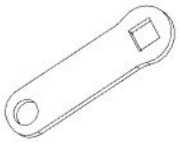


STEP 28A - LOUVER MECHANISM

Qty	PartNo	Description
2	H100474	WASHER FLAT 9x18 BLK
1	H100653	NUT LOCK 1/4 BLK
1	H101189	LOW PROFILE SHOULDER BOLT 1/4-20x3/8" BLK



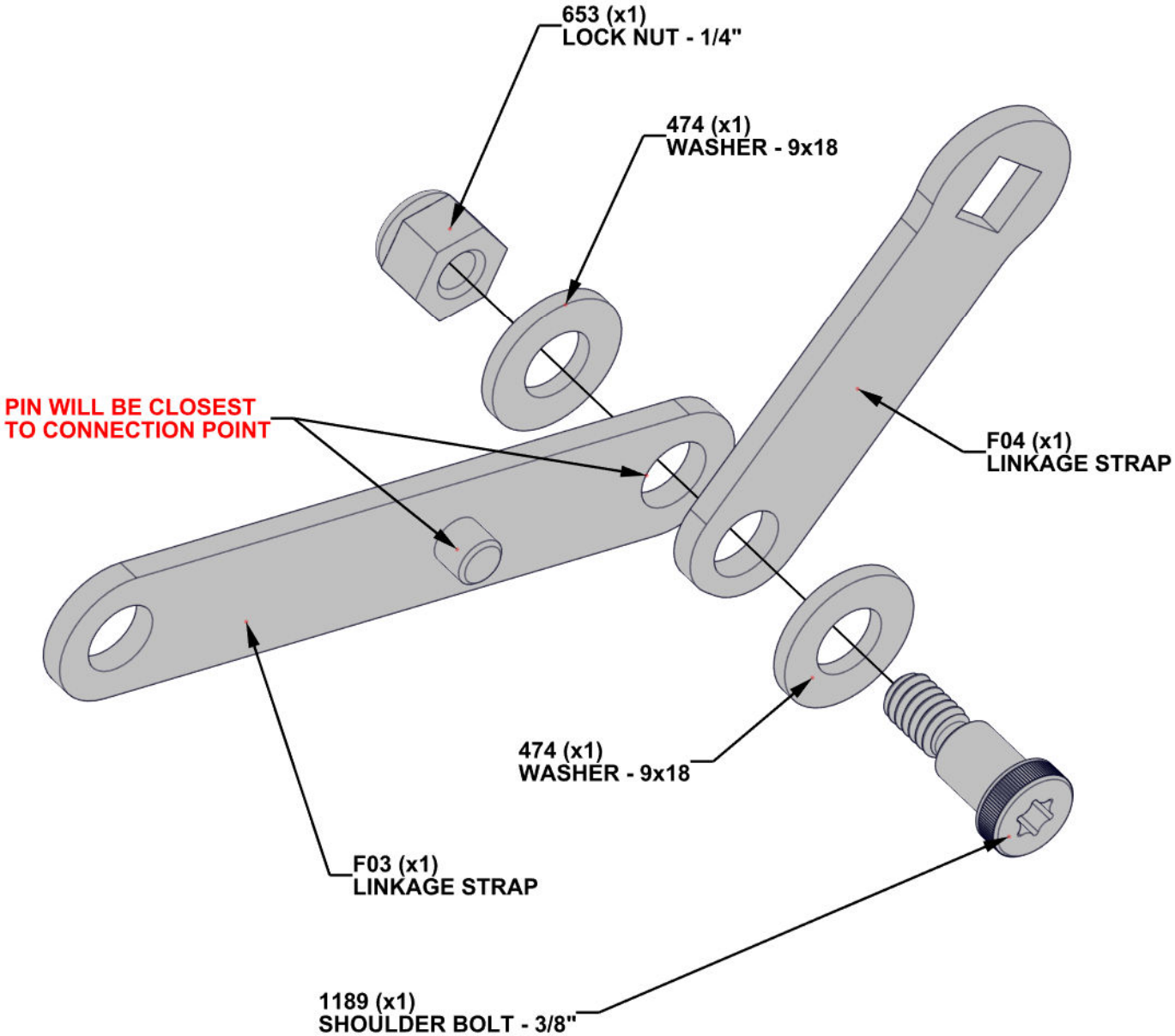
F03 LINKAGE STRAP - A4M02229
(x1) 1/8"x11/16"x3 13/16" (3x17x97)



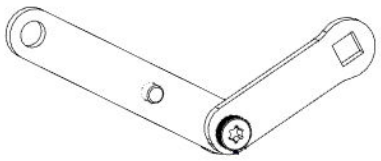
F04 LINKAGE STRAP - A4M02225
(x1) 1/8"x13/16"x2 5/8" (3x20x66)

- LINKAGES MUST BE ORIENTED AS SHOWN BELOW.

- DO NOT OVERTIGHTEN HARDWARE.
- LINKAGES SHOULD BE ABLE TO ROTATE FREELY.



STEP 28B - LOUVER MECHANISM

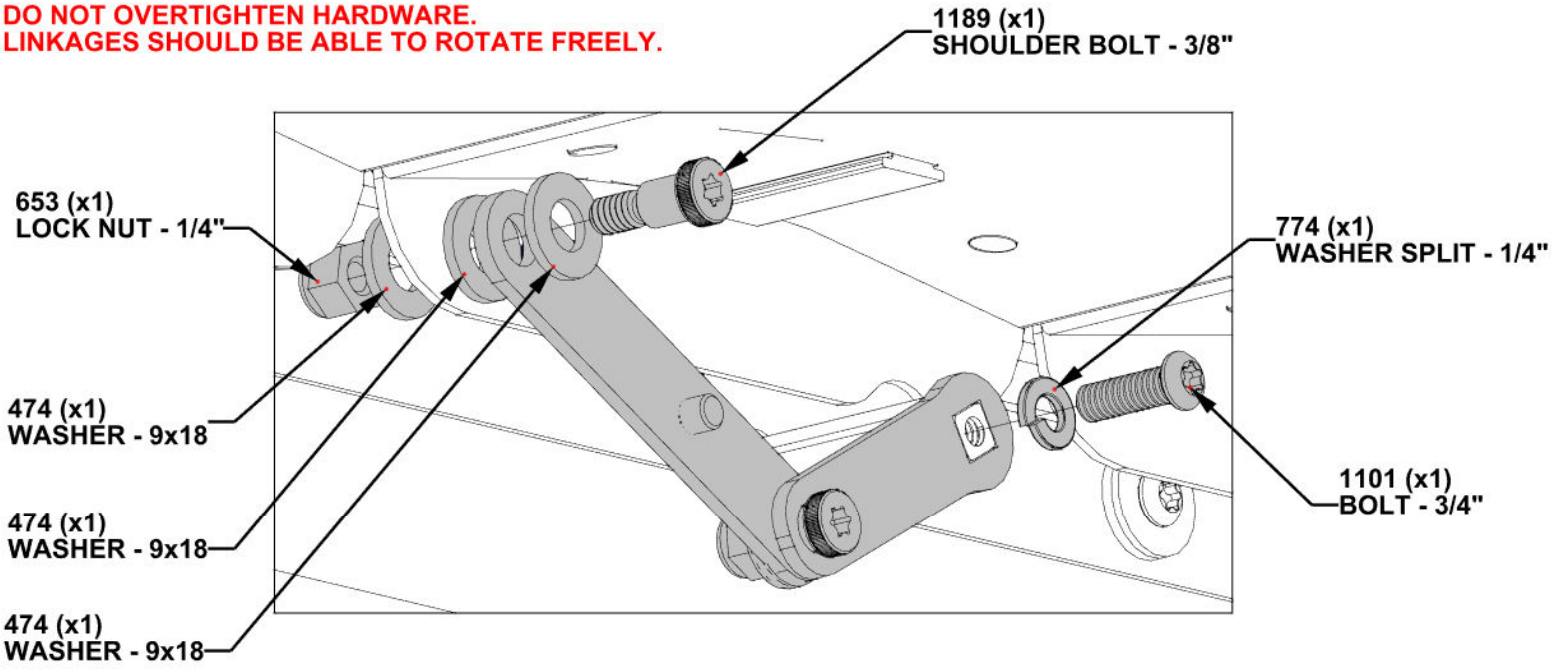


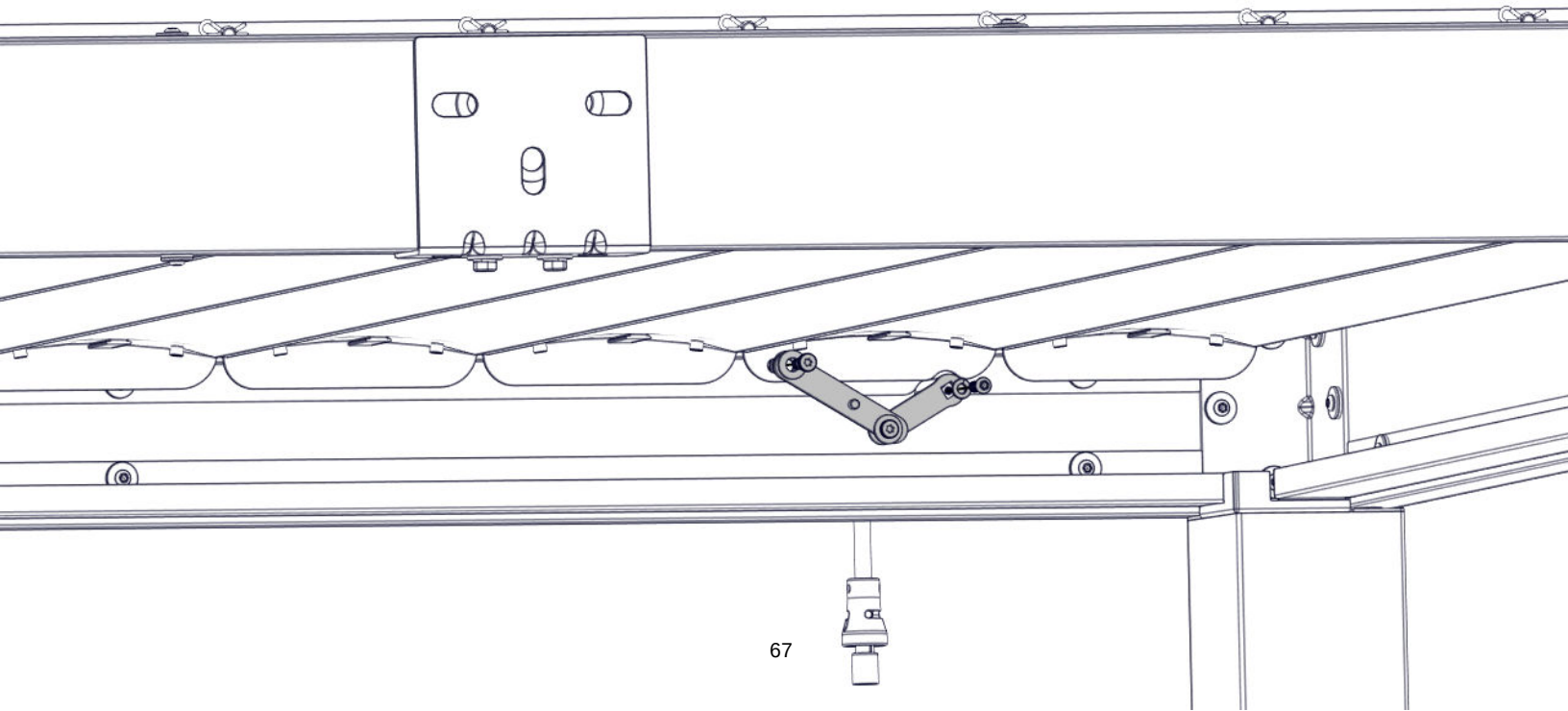
LINKAGE ASSEMBLY
STEP - 28A

Qty	PartNo	Description
1	H100774	WASHER SPLIT 1/4 BLK
3	H100474	WASHER FLAT - 9x18 BLK
1	H101101	TORX PAN HEAD 1/4-20x3/4"BLK
1	H100653	NUT LOCK 1/4 BLK
1	H101189	LOW PROFILE SHOULDER BOLT 1/4-20x3/8" BLK

- LINKAGES MUST BE ORIENTED AS SHOWN BELOW.

- DO NOT OVERTIGHTEN HARDWARE.
- LINKAGES SHOULD BE ABLE TO ROTATE FREELY.



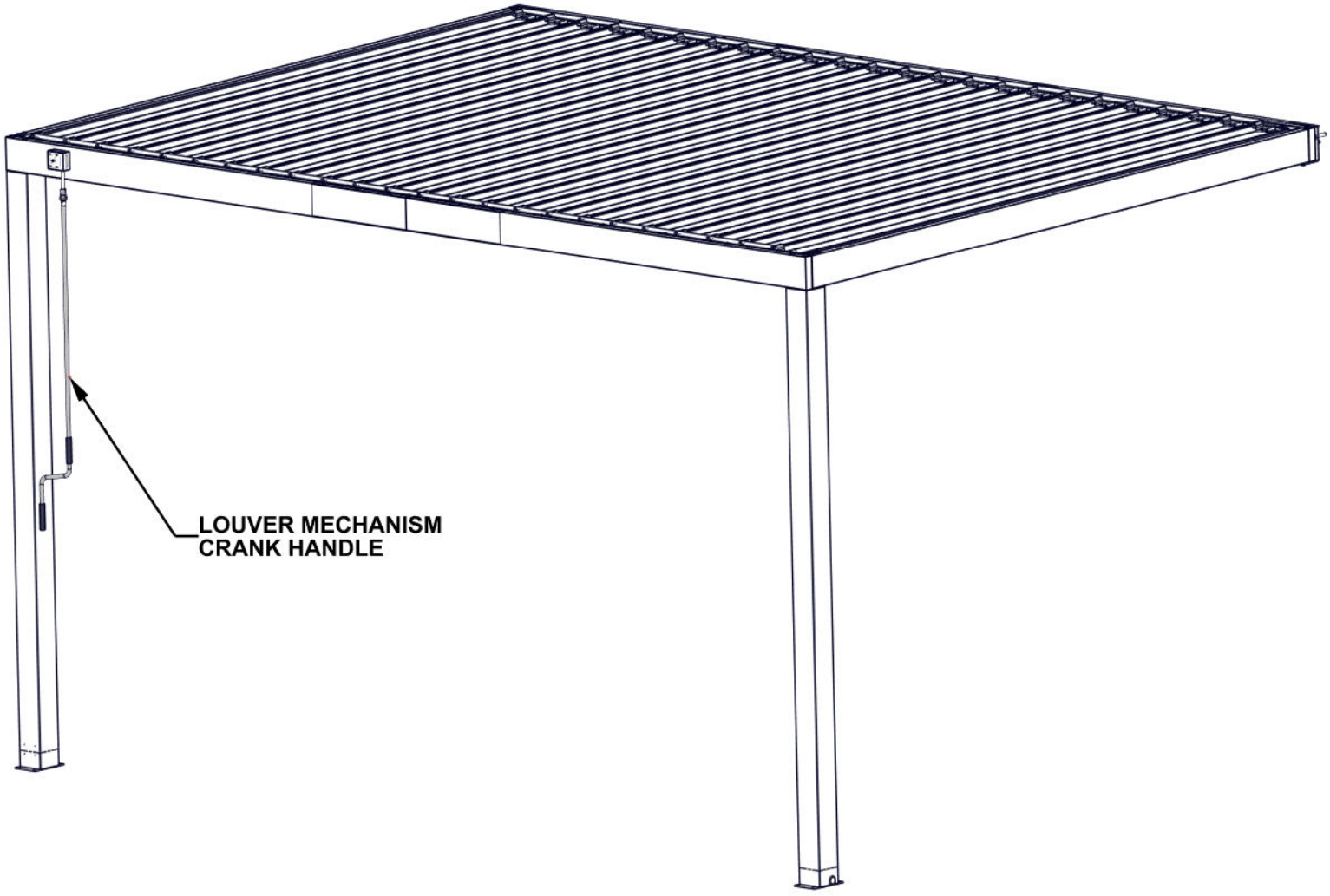


STEP 28C - LOUVER MECHANISM

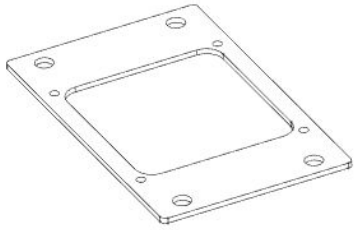


H01 CRANK HANDLE - A4M04022
(x1)

- CONNECT CRANK HANDLE TO MECHANISM. TURN HANDLE TO LOCK IN PLACE.



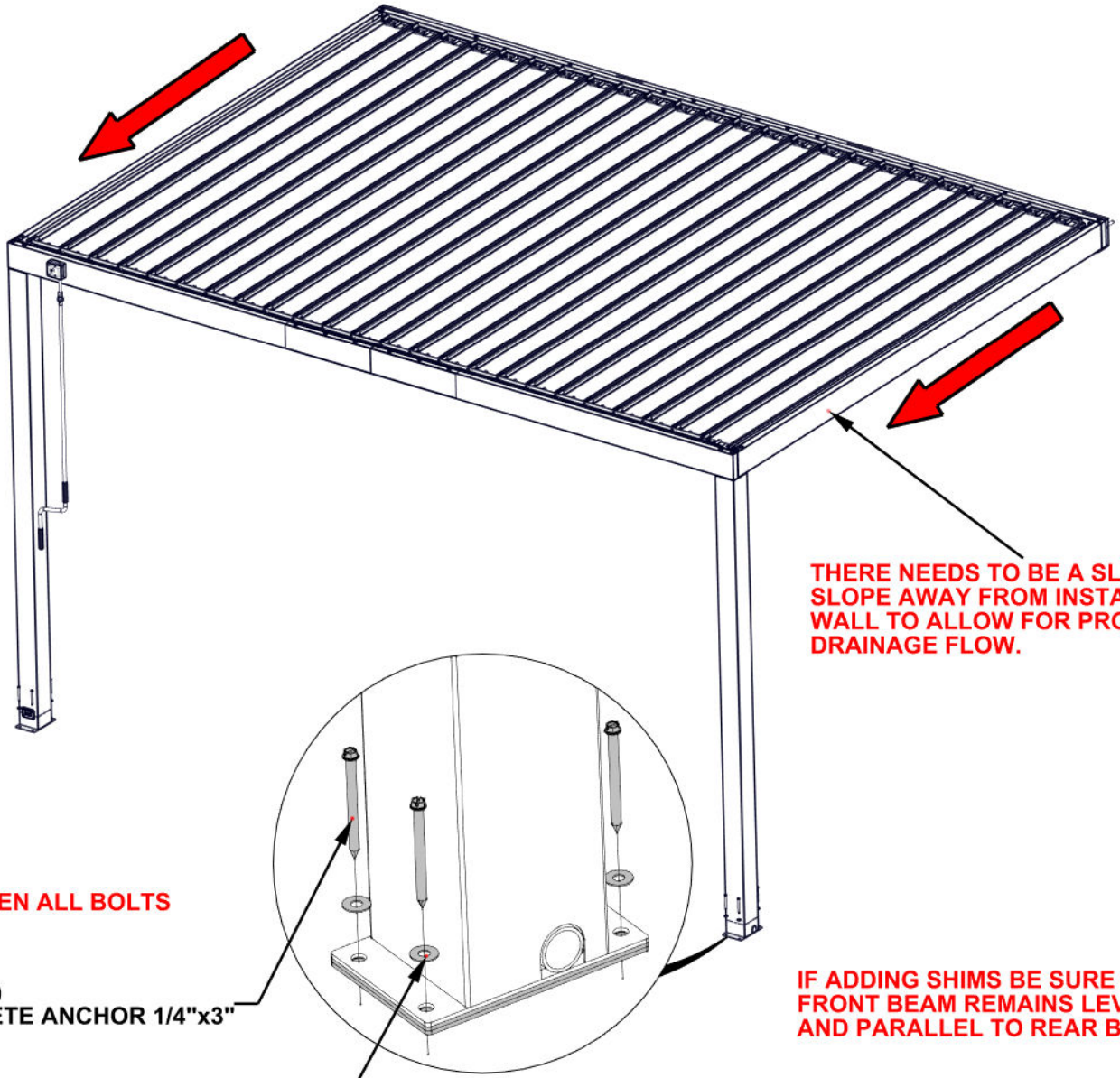
STEP 29 - PERGOLA ANCHORING



A4M04024 SHIM
(x4)

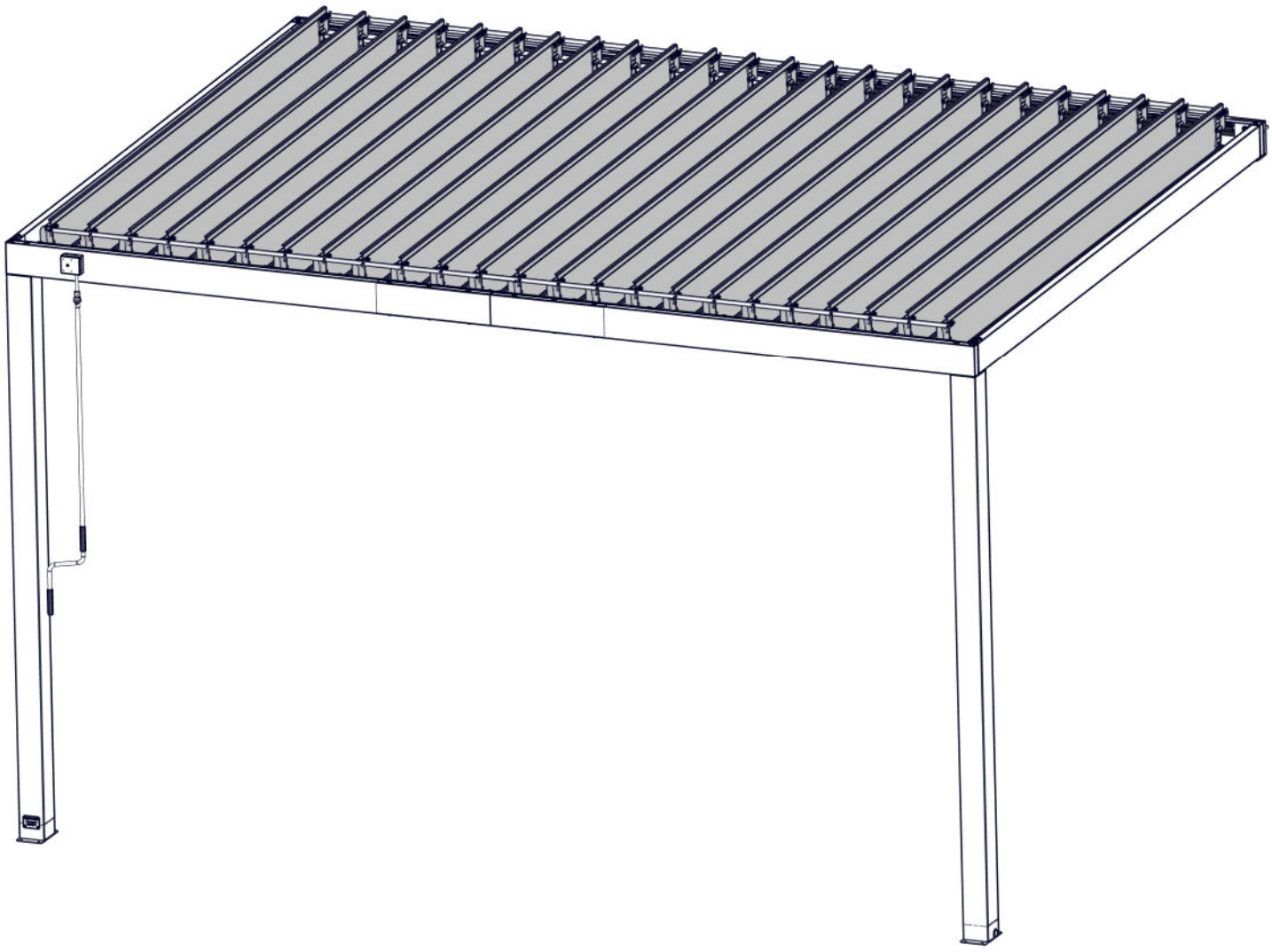
Qty	PartNo	Description
8	H100630	WASHER FLAT 8x19 BLK
8	H101305	CONCRETE ANCHOR 1/4"x3" BLK

NOTES:
- 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.
- PRE-DRILL HOLES FOR CONCRETE ANCHORS USING A 3/16" CONCRETE DRILL BIT.
- REPEAT THIS STEP FOR TWO POSTS.
-THERE NEEDS TO BE A SLIGHT SLOPE AWAY FROM INSTALLATION WALL TO ALLOW FOR PROPER DRAINAGE FLOW.

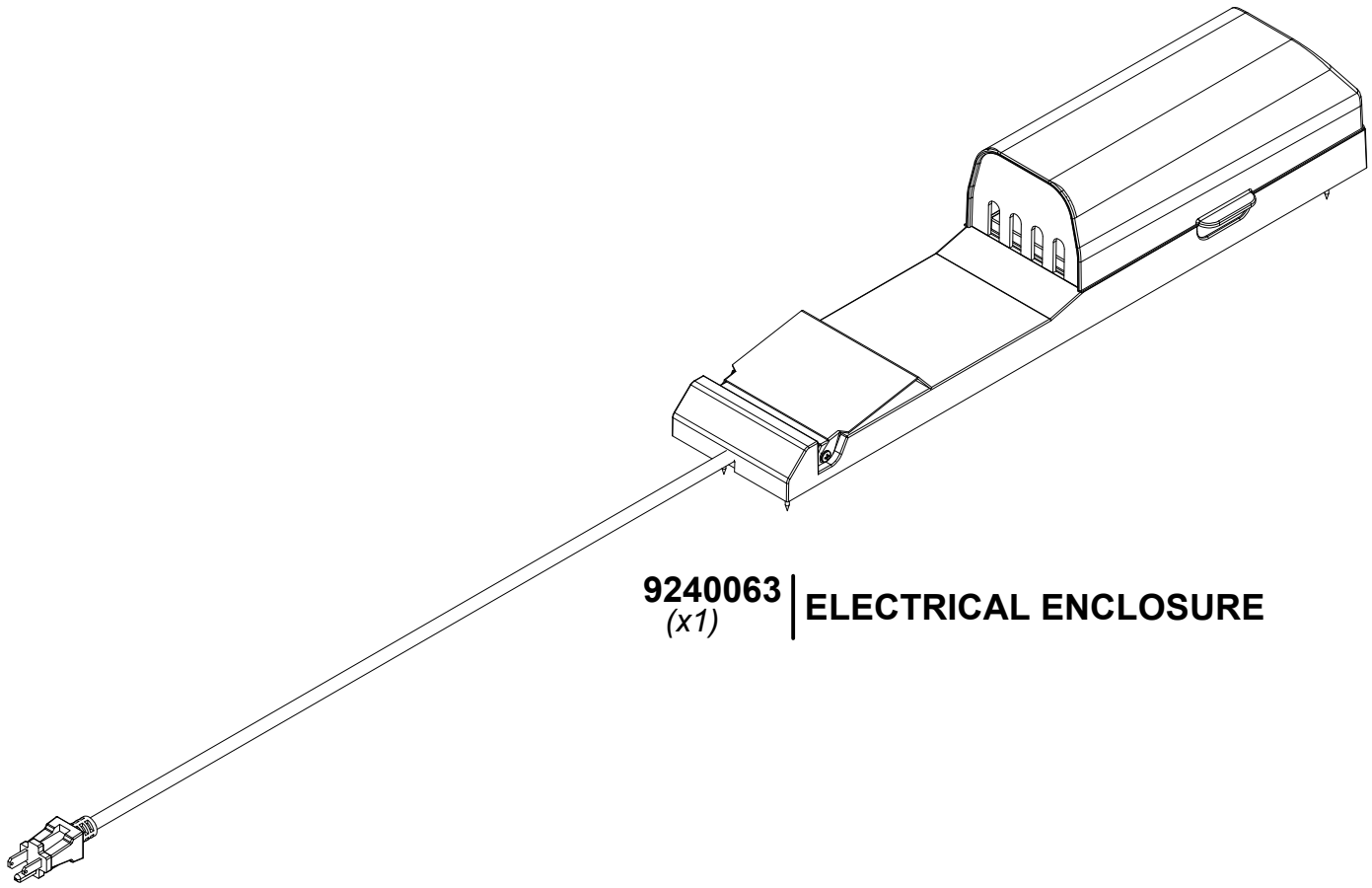


STEP 30 - PREVENTATIVE MAINTENANCE

NOTE - IT IS IMPORTANT TO TAKE CAUTION WHEN HIGH WINDS OR WINTER WEATHER SUCH AS ICE OR SNOW IS EXPECTED. IF INCLEMENT WEATHER ARISES, IT IS RECOMMENDED TO TURN LOUVERS INTO THE FULLY OPEN (UPRIGHT) POSITION. THIS WILL PREVENT DAMAGE TO THE STRUCTURE AND DECREASE THE CHANCES OF STRUCTURE OR LOUVER DAMAGE.



PowerPort™



9240063 *(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.