



120" / 305cm Protective EV Charging Cable Wall Arm

PREMIUM

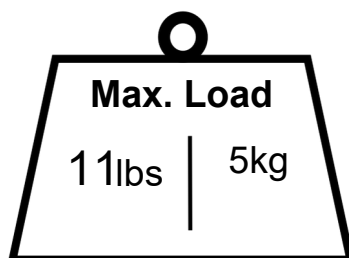


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For more information: www.barkanmounts.com



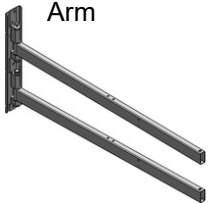
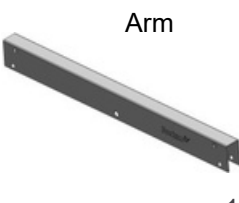
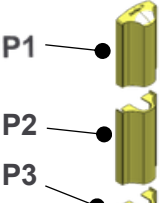
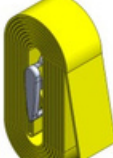
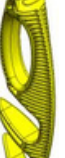
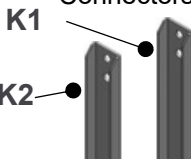
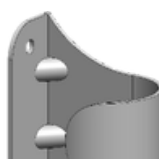
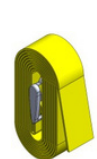
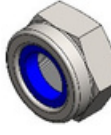
Safety instructions
and installation warnings
(provided separately) must be
read in full, before assembly.

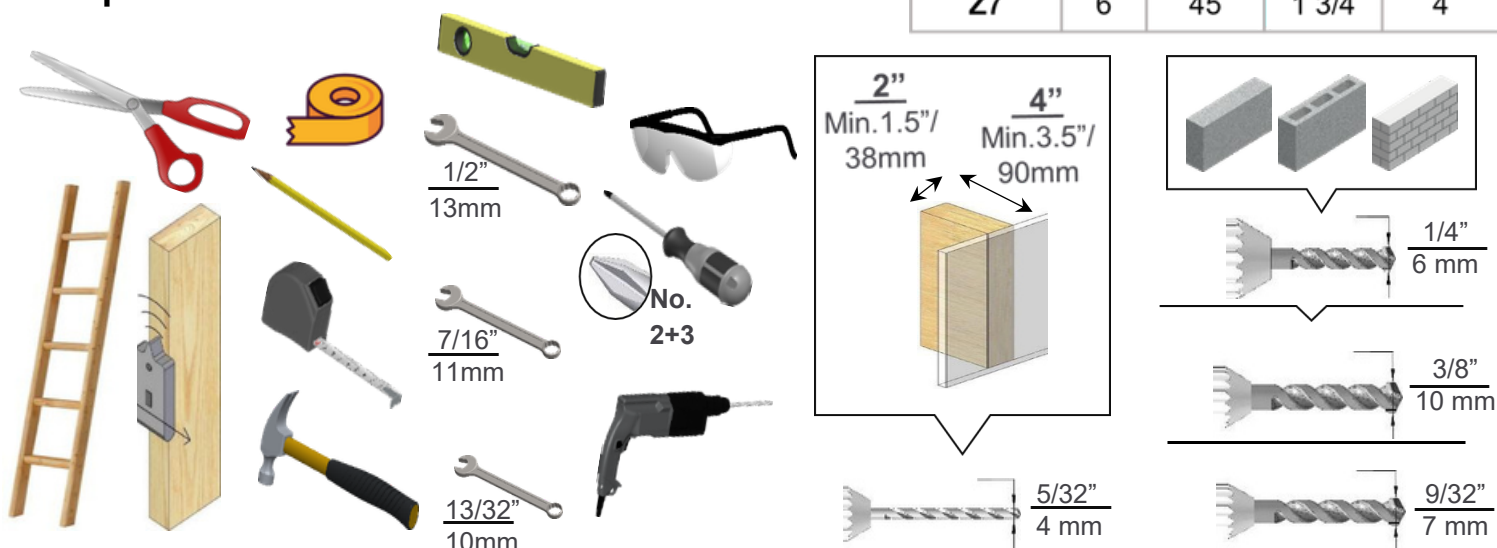


Download
assembly
instructions
with text

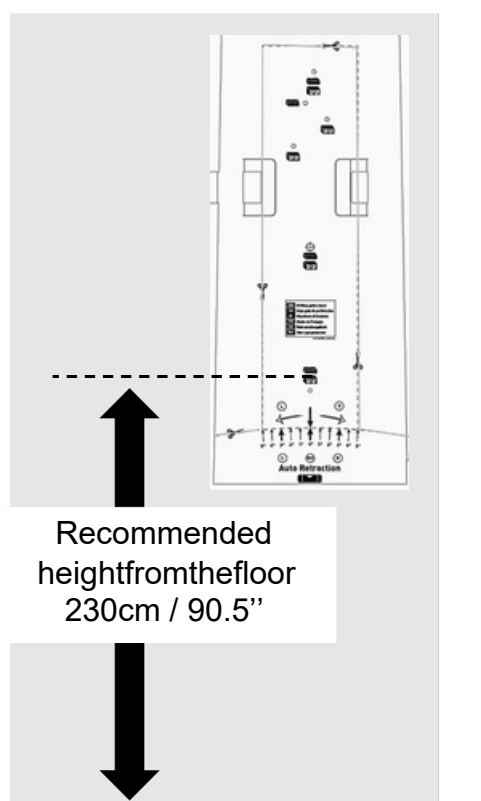


Included Parts not to scale

A1 Back Arm  x1	B1 Front Arm  x1	C1 Extension Arm  x1	D1 Drilling Template  x1	Wall Plate Covers  P1 P2 P3 x1																				
E1 Closed Arm Connector  x2	F1 Open Arm Connector  x1	G1 Strap Connector  x1	H1 Handle Strap  x1	I1 Handle  x1																				
J1 Cable Manager  x2	Bracket Connectors  K1 K2 x2	L1 Handle Holder  x1	M1 Control Box Bracket  x1	N1 Bracket Strap  x1																				
W1  x5	W2  x5	W3  x5	W4  x4	W5  x4																				
W6  x4	Z1  x4	Z2  x4	Z4  x20	Z6  x12																				
Z8  x16	Z9  x1	Z10  x8	<table border="1"> <thead> <tr> <th></th><th>M</th><th>L mm</th><th>L inch</th><th>pcs</th></tr> </thead> <tbody> <tr> <td>Z3</td><td>6</td><td>35</td><td>1 3/8</td><td>16</td></tr> <tr> <td>Z5</td><td>4</td><td>25</td><td>1</td><td>12</td></tr> <tr> <td>Z7</td><td>6</td><td>45</td><td>1 3/4</td><td>4</td></tr> </tbody> </table>			M	L mm	L inch	pcs	Z3	6	35	1 3/8	16	Z5	4	25	1	12	Z7	6	45	1 3/4	4
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Z3	6	35	1 3/8	16																				
Z5	4	25	1	12																				
Z7	6	45	1 3/4	4																				

Required Tools

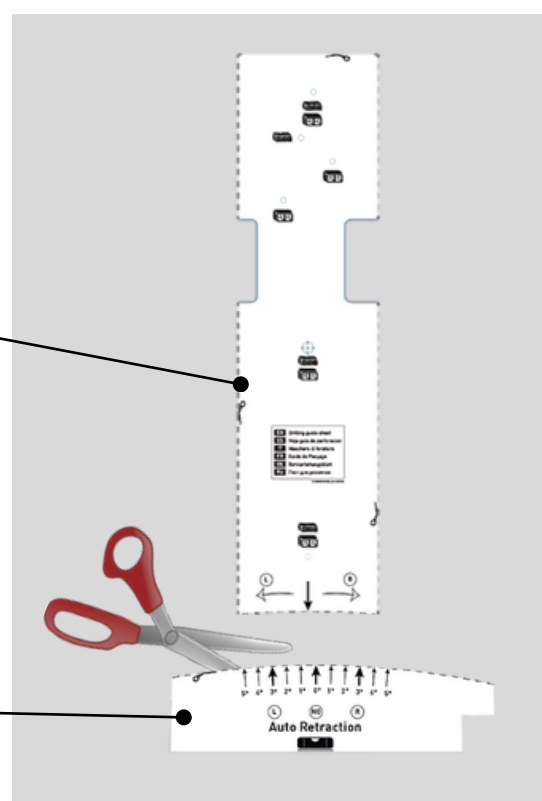
1. Mark the bottom hole of the wall plate using the drilling template.



2. Cut out the Retraction Angle Marker from the drilling template D1

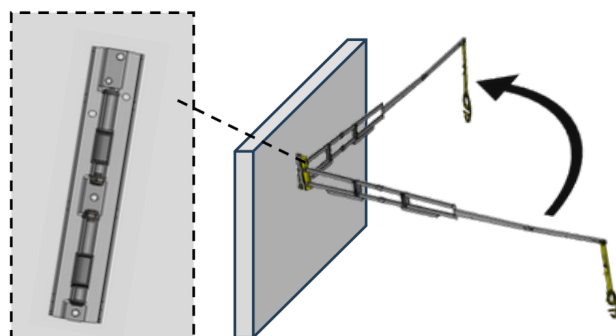
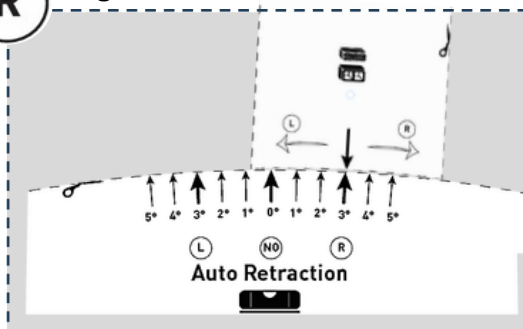
D1

Retraction Angle Marker

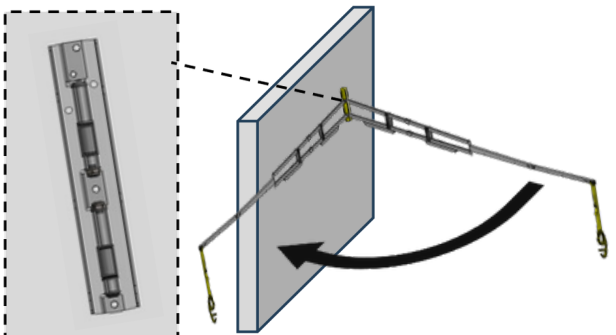
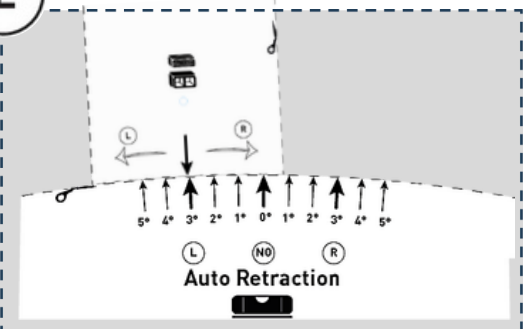


3. Use adhesive tape to attach the angle marker to the drilling template according to the desired auto retraction.

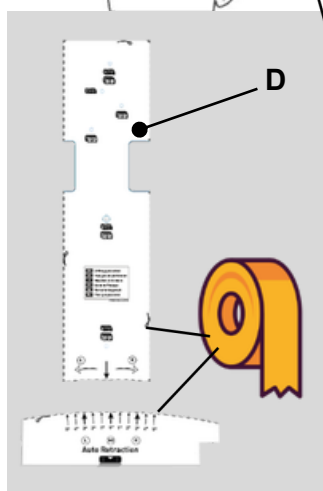
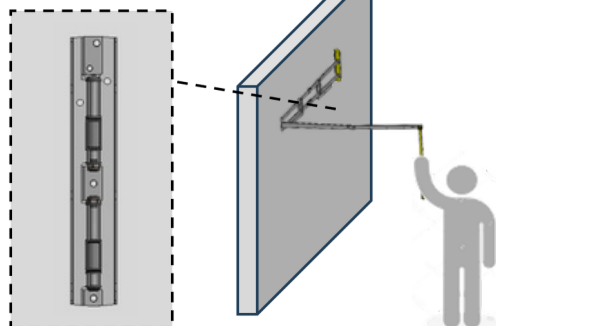
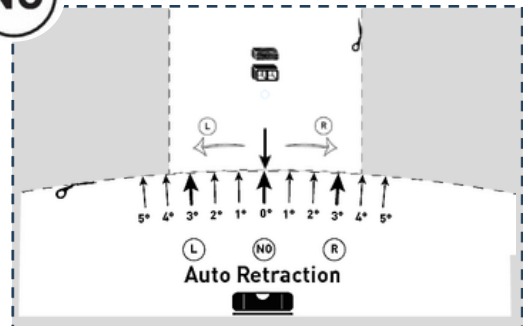
R Right automatic retraction



L Left automatic retraction

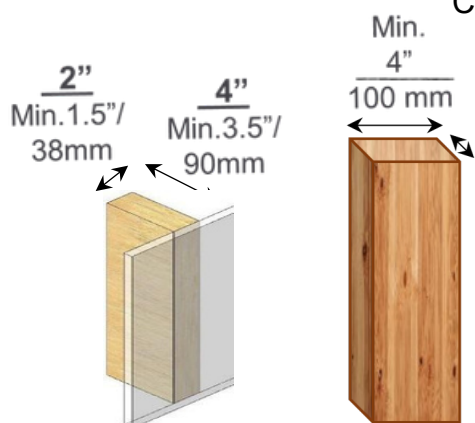


NO No automatic retraction

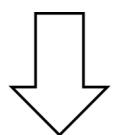


4.

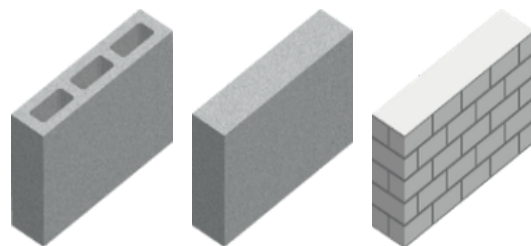
Continue according to your mounting base



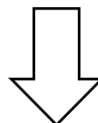
Wood stud / post



4a



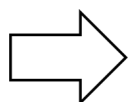
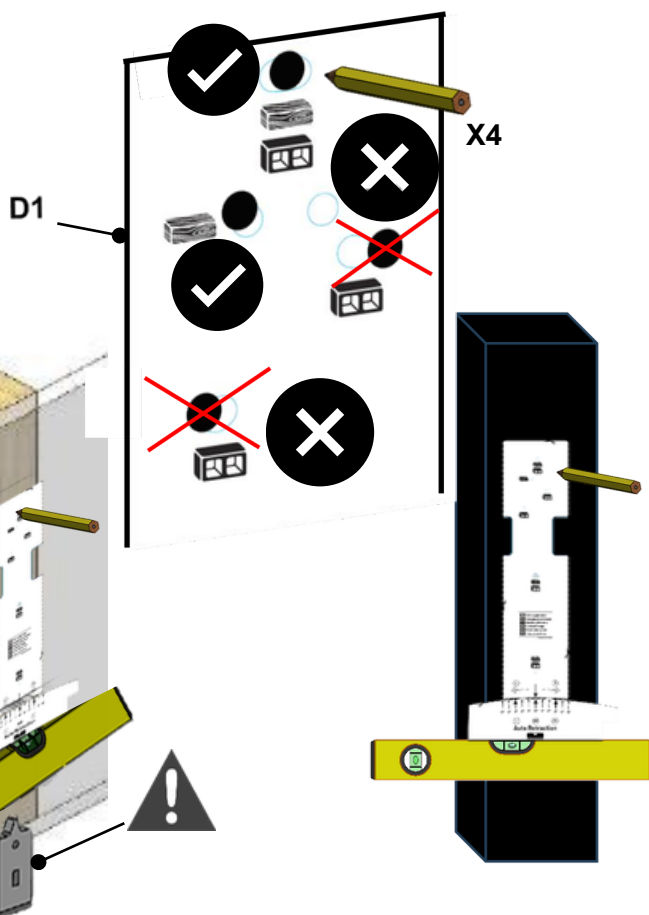
Concrete wall / blocks



4b

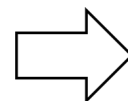
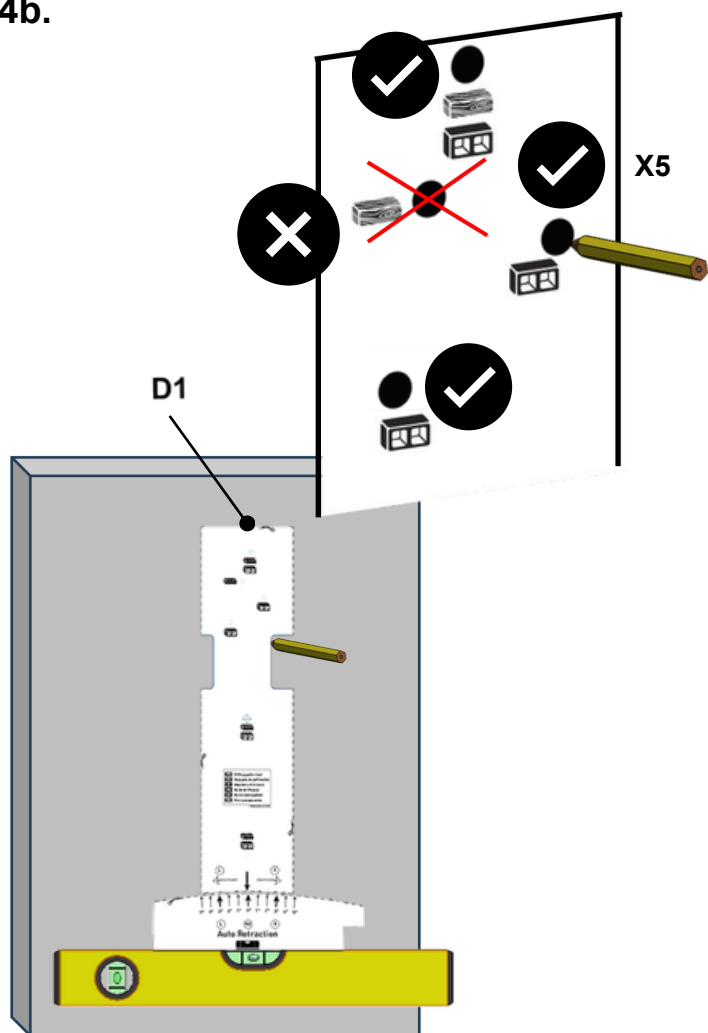
Level the angle marker of the drilling template D1, then mark the holes according to the desired retraction.

4a.



5a

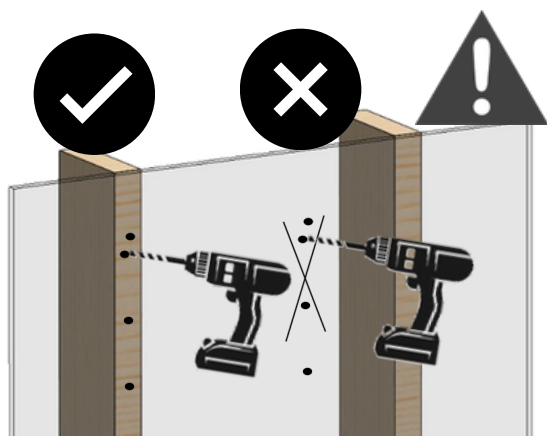
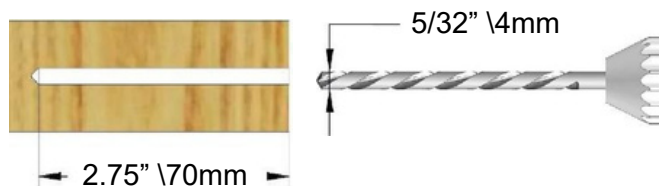
4b.



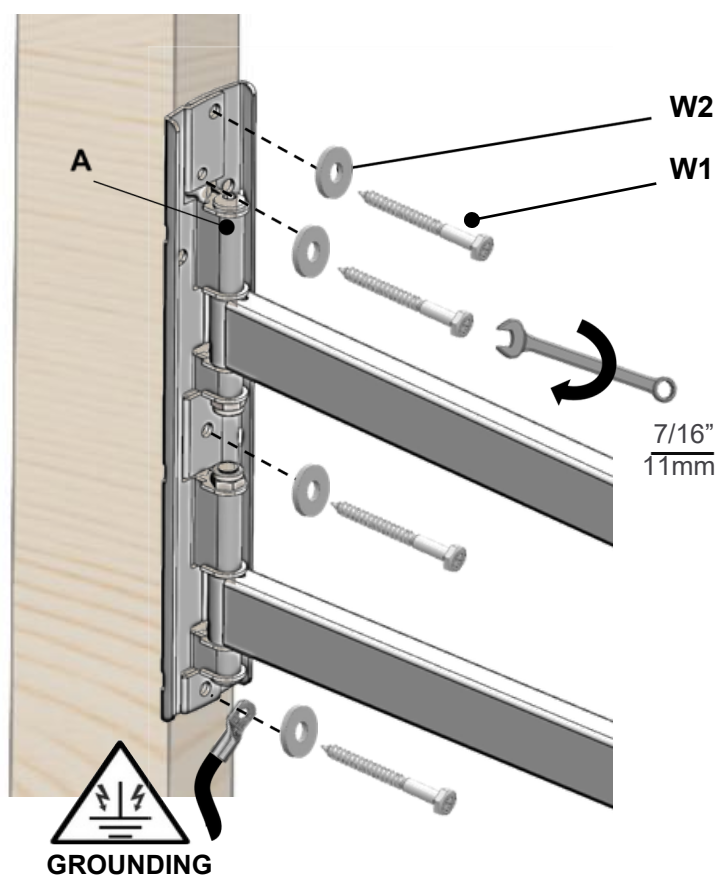
5b

- 5a.** Make sure all the holes are drilled into the stud.

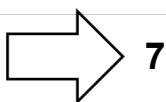
Drill with 5/32" \4mm drill bit.



Assemble the back arm **A** to the wall, using **W1** screws and **W2** washers.

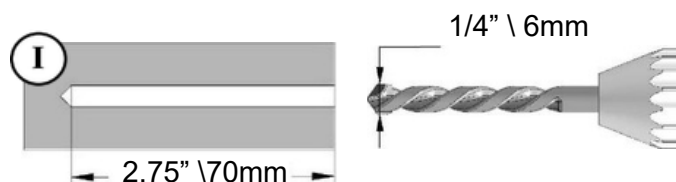


Grounding: Be advised-The mount must be grounded. The grounding must be performed by a licensed electrician according to the safety regulations of the local electricity authority.

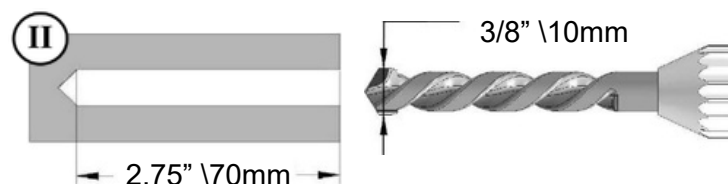


- 5b.**

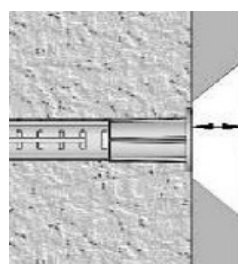
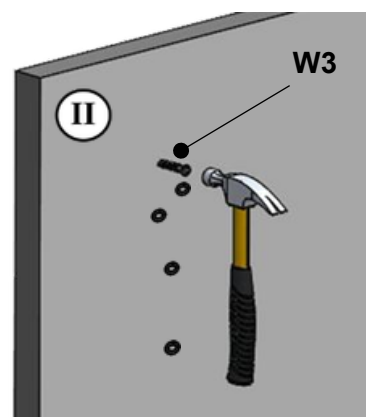
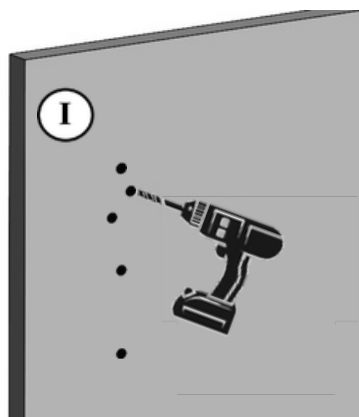
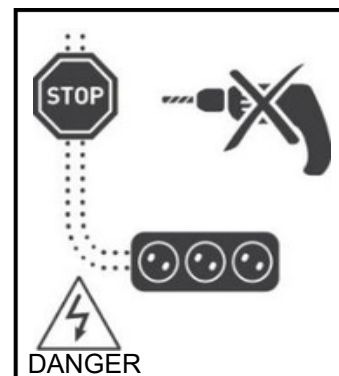
First use 1/4" \6mm drill bit.



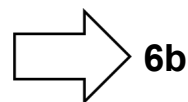
Afterwards use 3/8" \10mm drill bit.



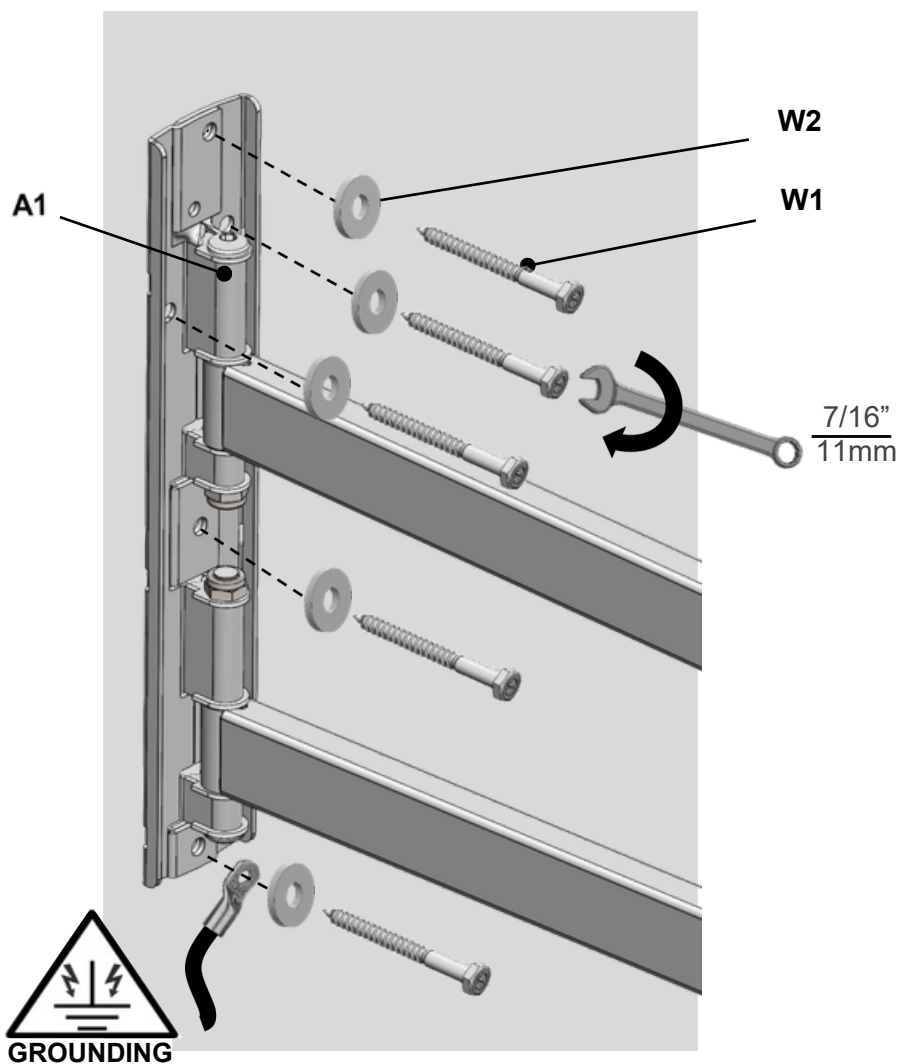
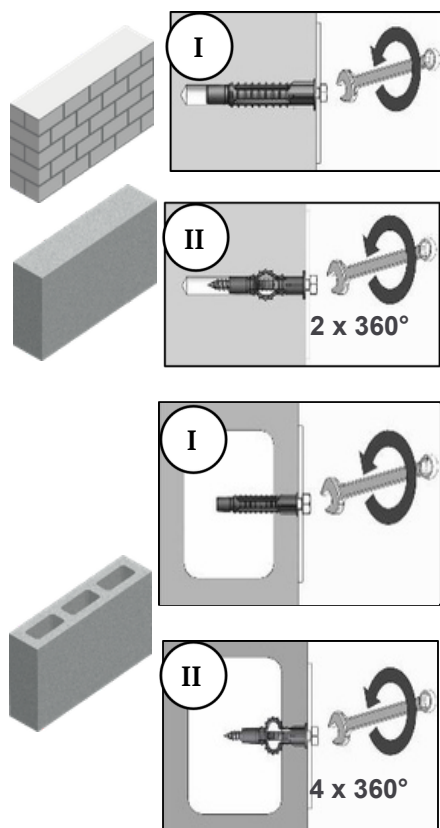
Make sure there are no electrical/water lines in the wall before drilling and then drill according to the markings



The **W3** anchor must be sunk at least 3/8" \ 10 mm into the plaster coating.

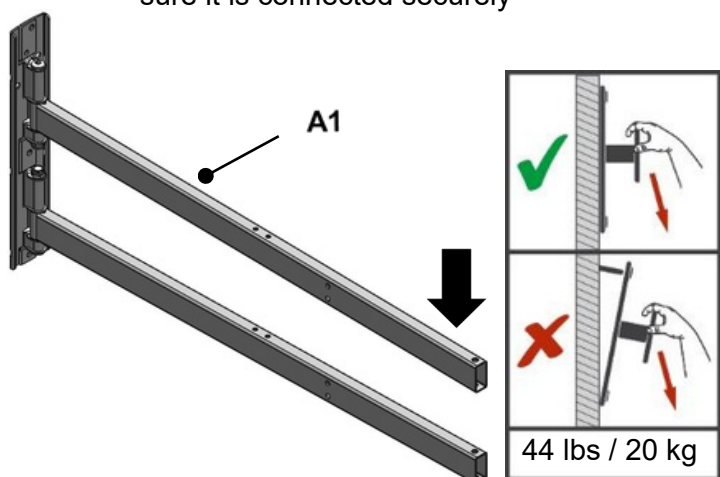


- 6b.** Assemble the back arm **A1** to the wall, using **W1** screws and **W2** washers.

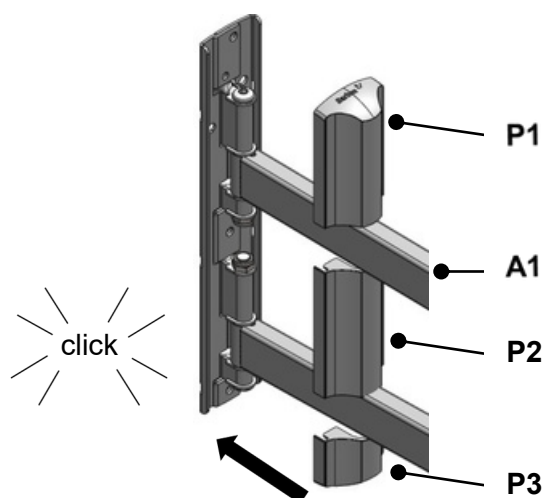


Grounding: Be advised - The mount must be grounded. A licensed electrician must perform the grounding according to the safety regulations of the local electricity authority.

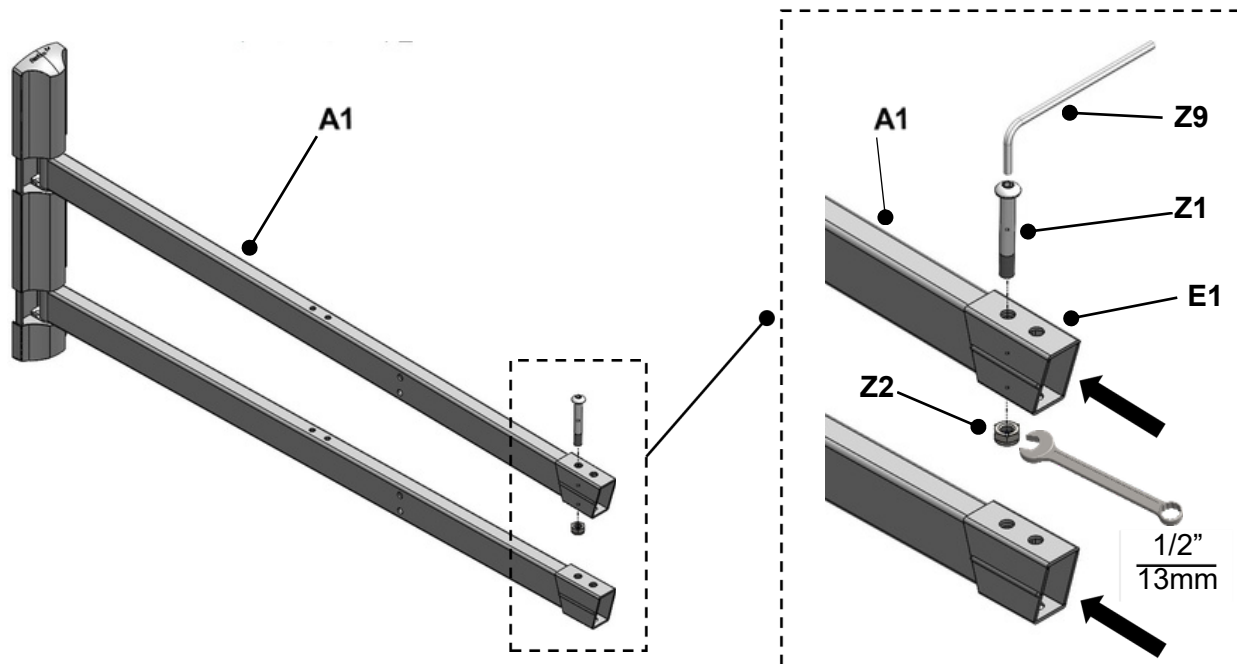
- 7. Weight test**
Apply force on the edge of the upper back arm **A1** and make sure it is connected securely



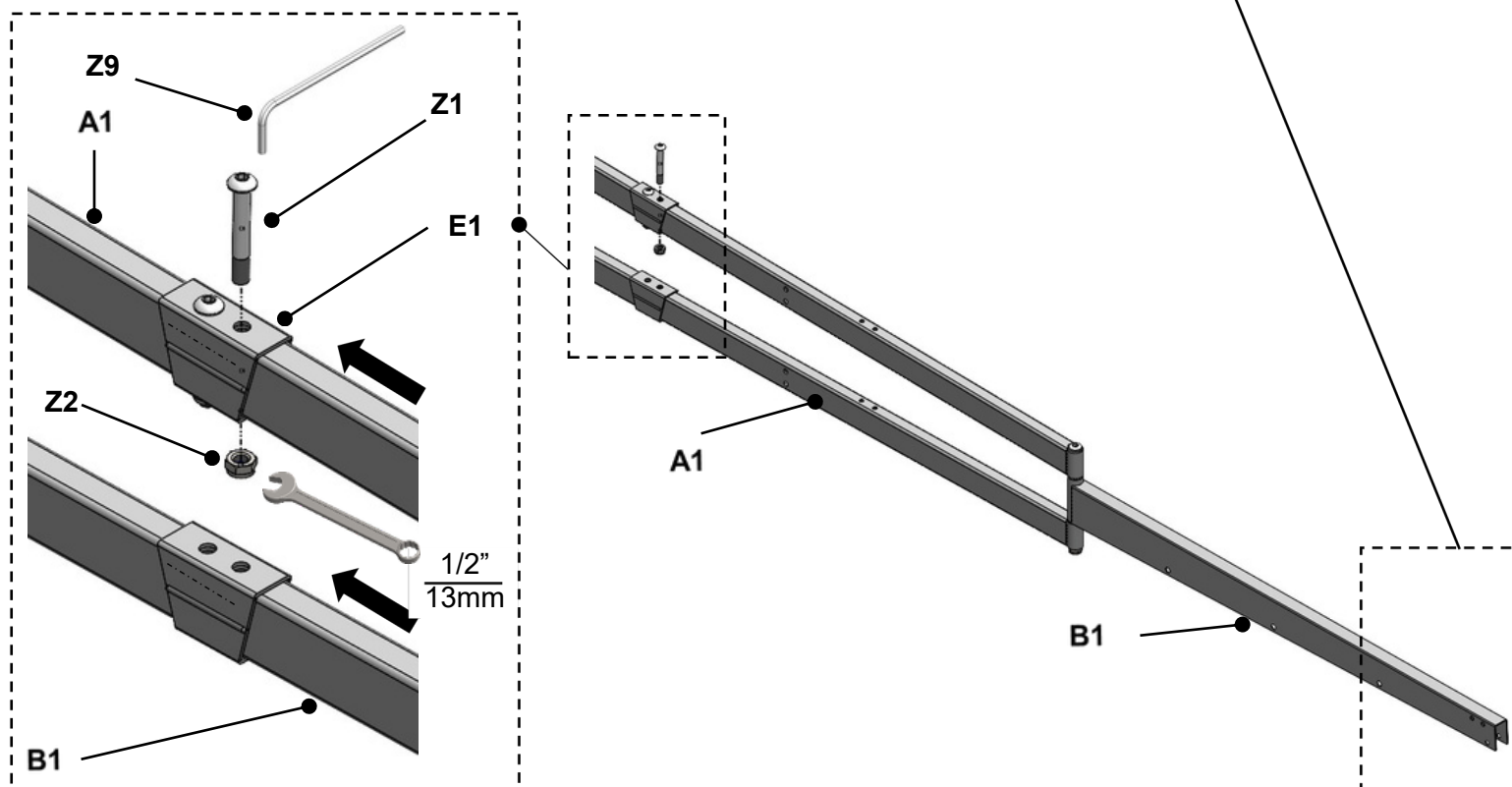
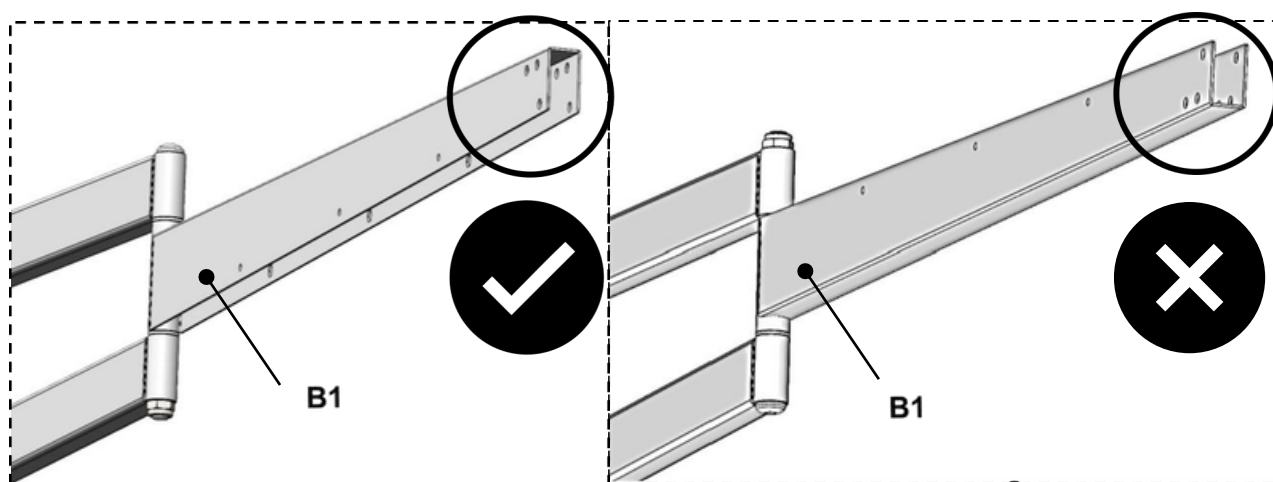
- 8.** Assemble the wall plate covers **P1-3** and snap them into place



9. Assemble both closed arm connectors **E1** on the back arm **A1**. Tighten only the upper one using **Z1** screw and **Z2** nut.

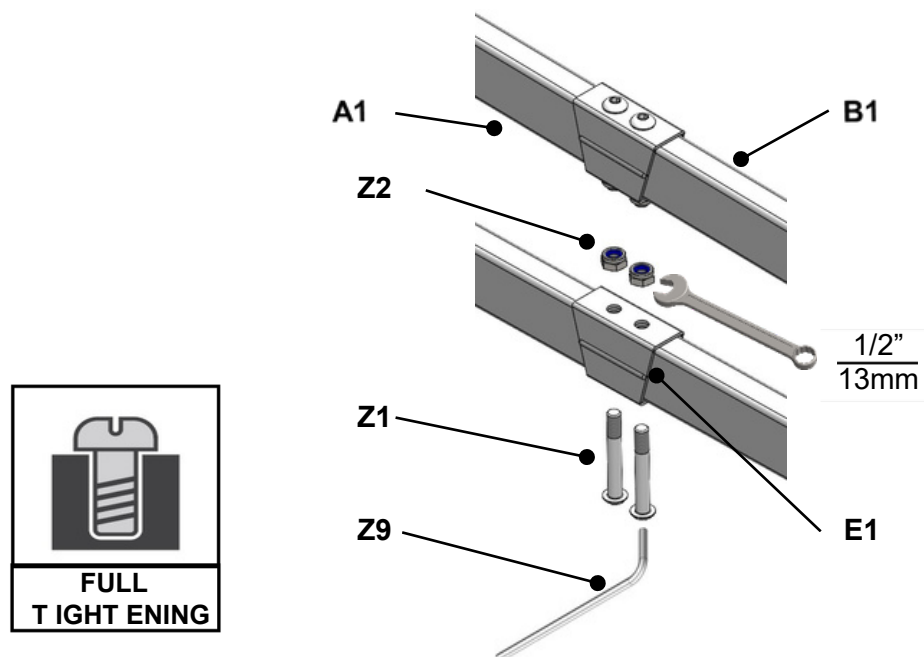


10. Assemble the front arm **B1** to the closed arm connectors **E** and tighten it to the upper one using **Z1** screw and **Z2** nut. Make sure the front arm **B1** is facing up and not down.



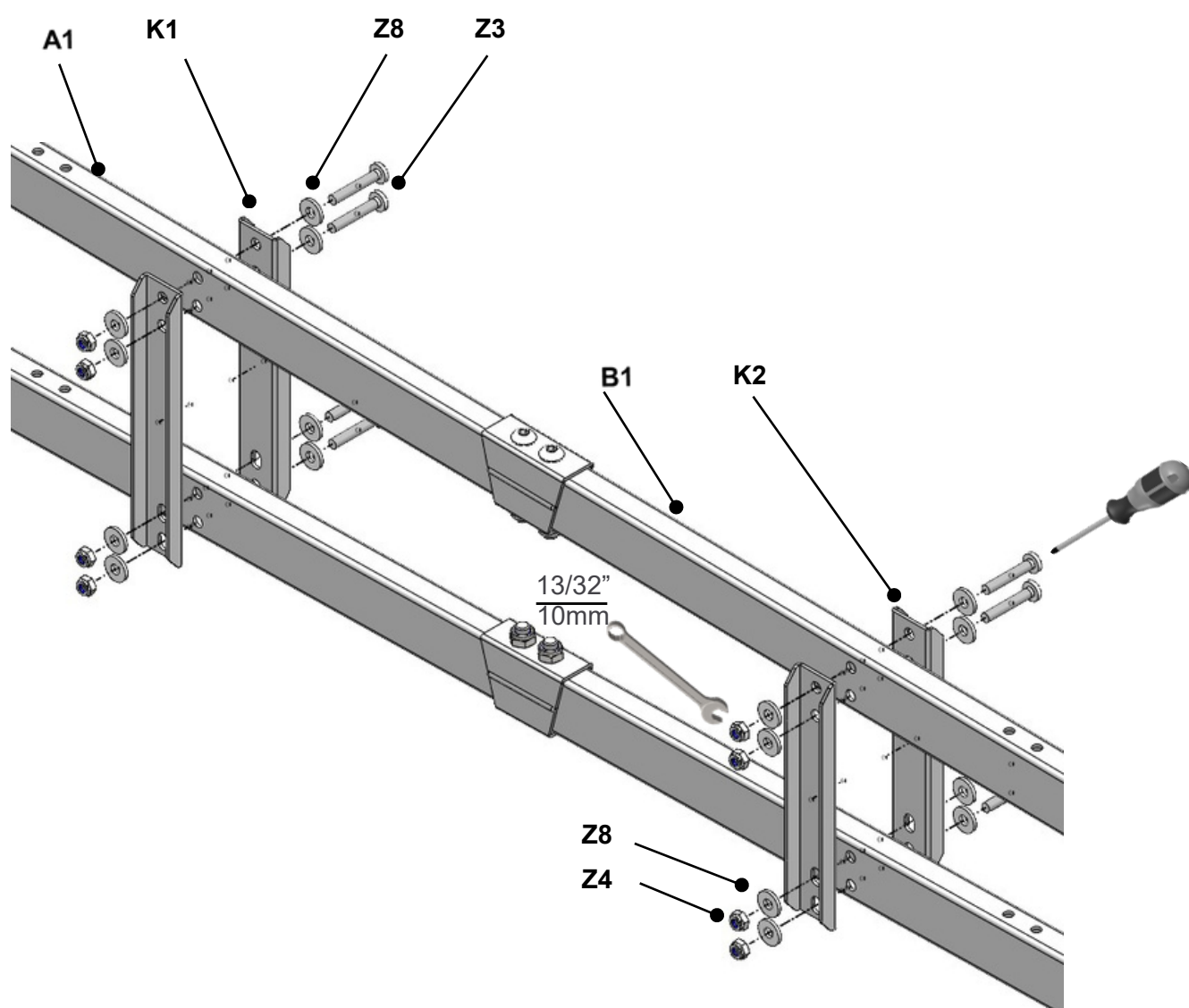
11.

Tighten the bottom closed arm connector **E1** to the arms using **Z1** screws and **Z2** nuts.

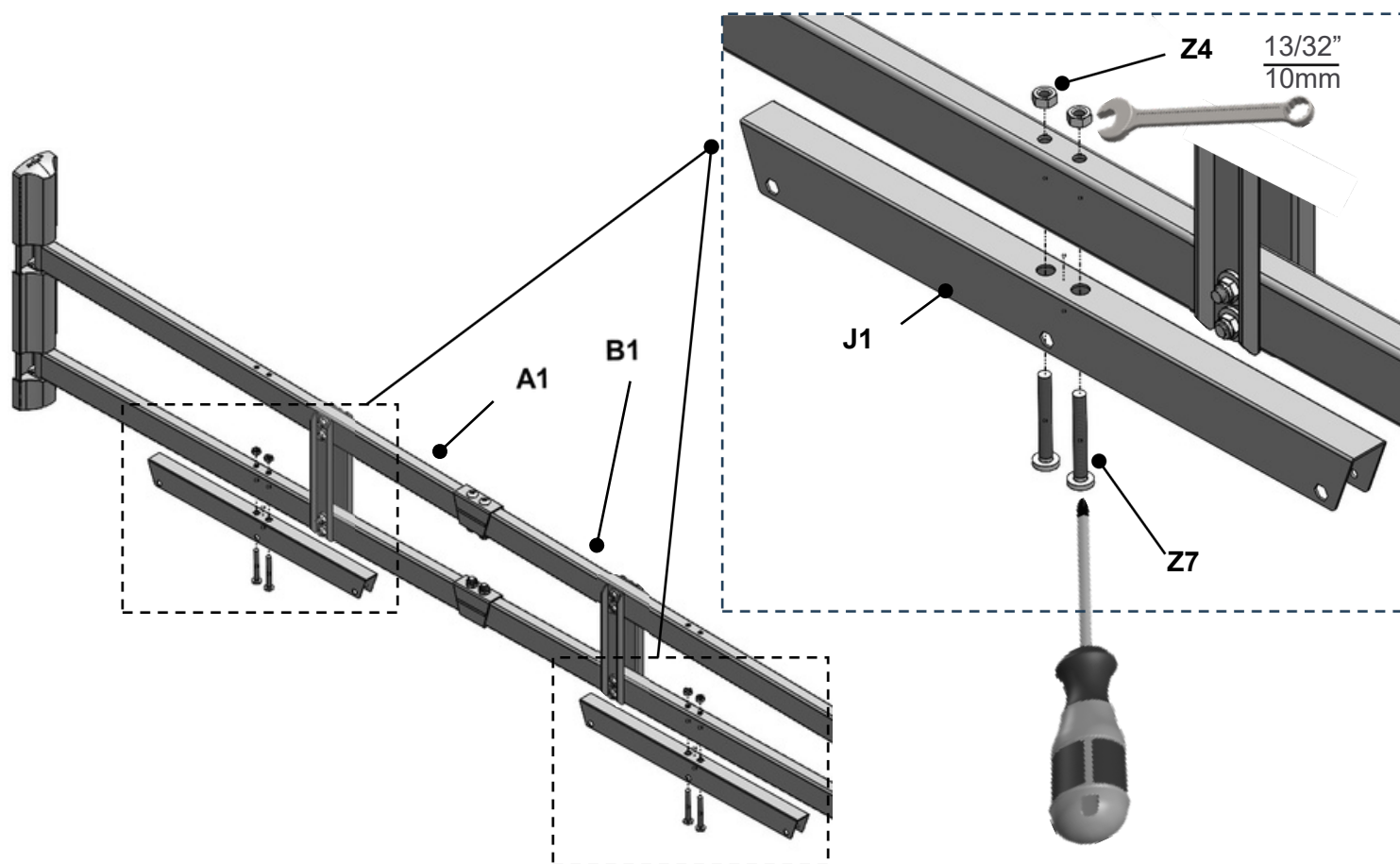


12.

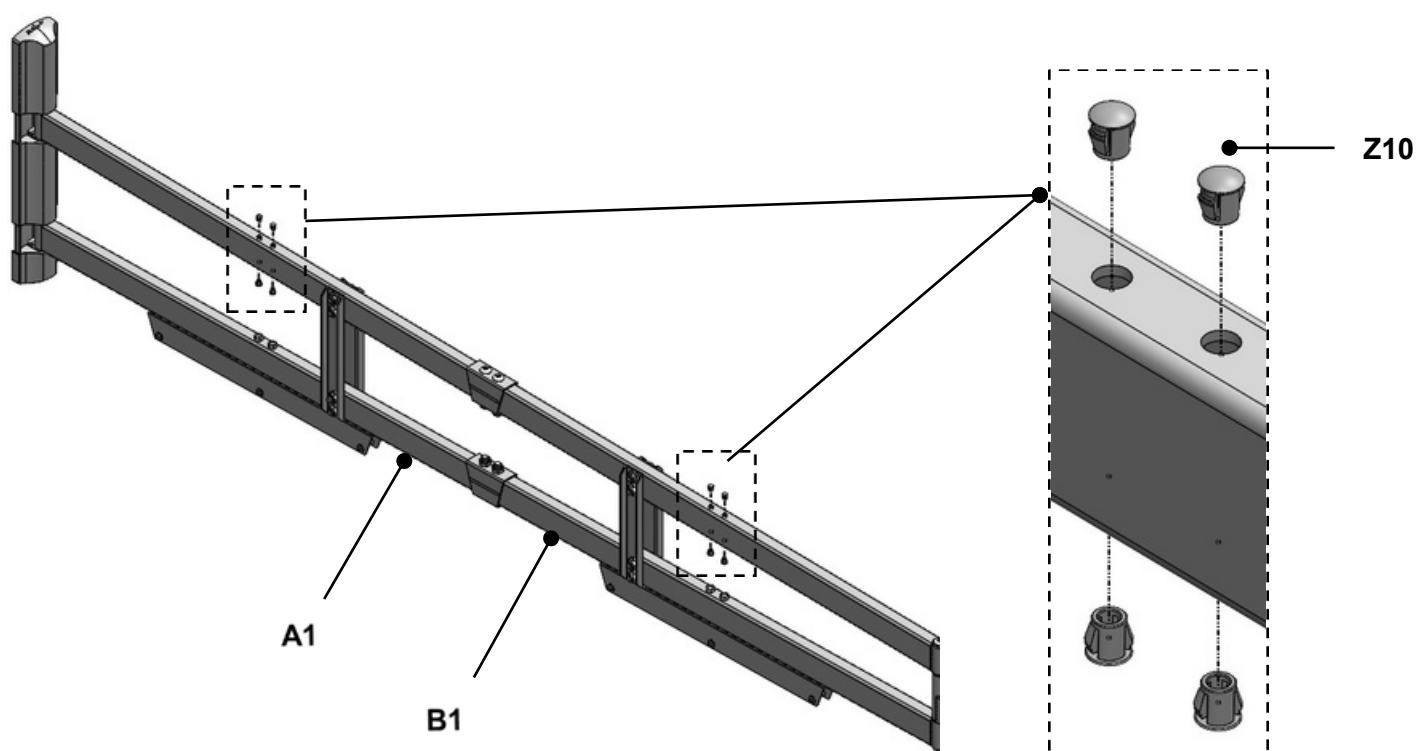
Assemble the vertical connectors **K1** to the back arm **A1**, and the vertical connectors **K2** to the front arm **B1**. Tighten them using **Z3** screws, **Z4** nuts, and **Z8** washers.



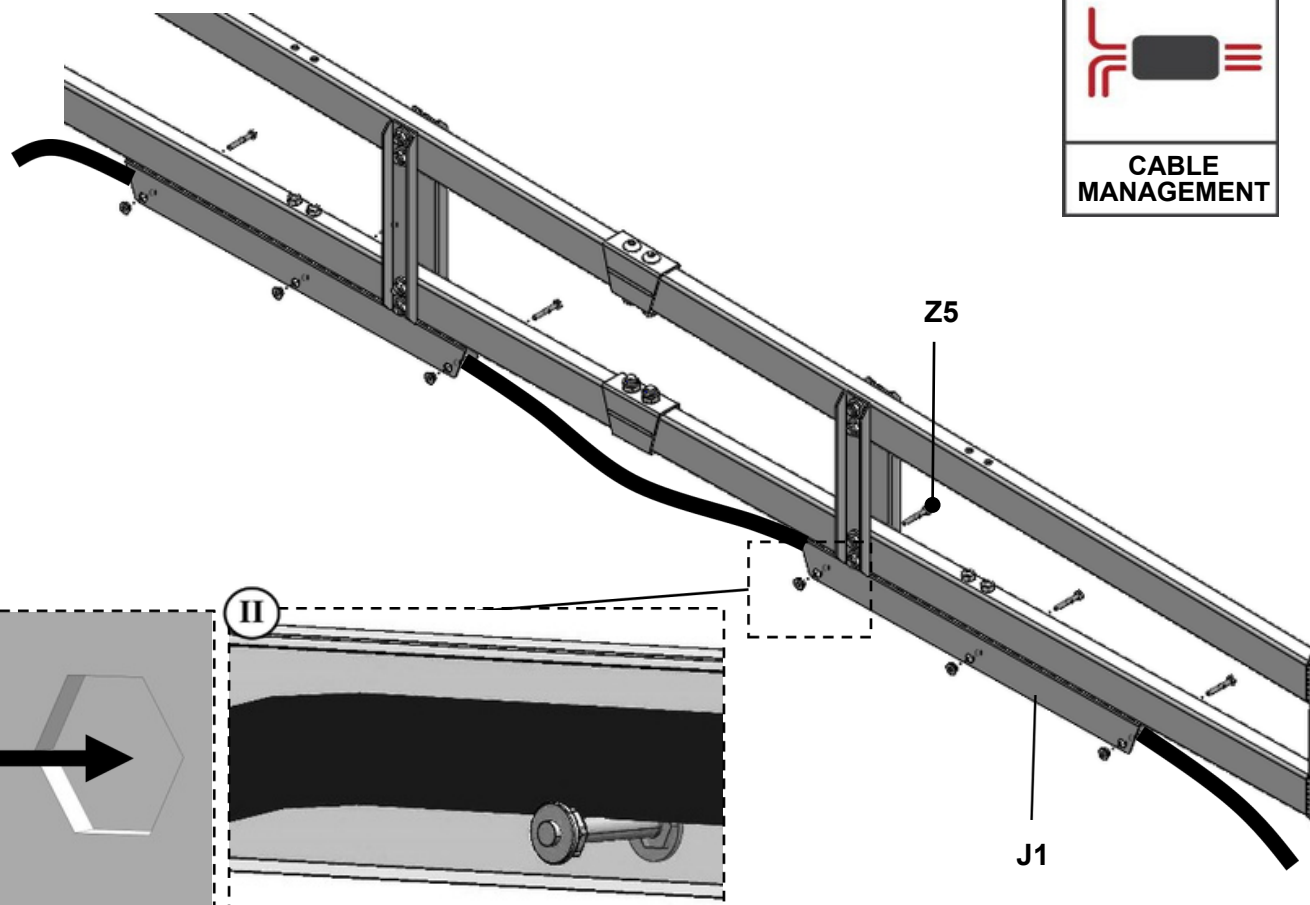
- 13.** Assemble the cable managers **J1** to the back and front arms **A+B**. Tighten them using **Z7** screws and **Z4** nuts.



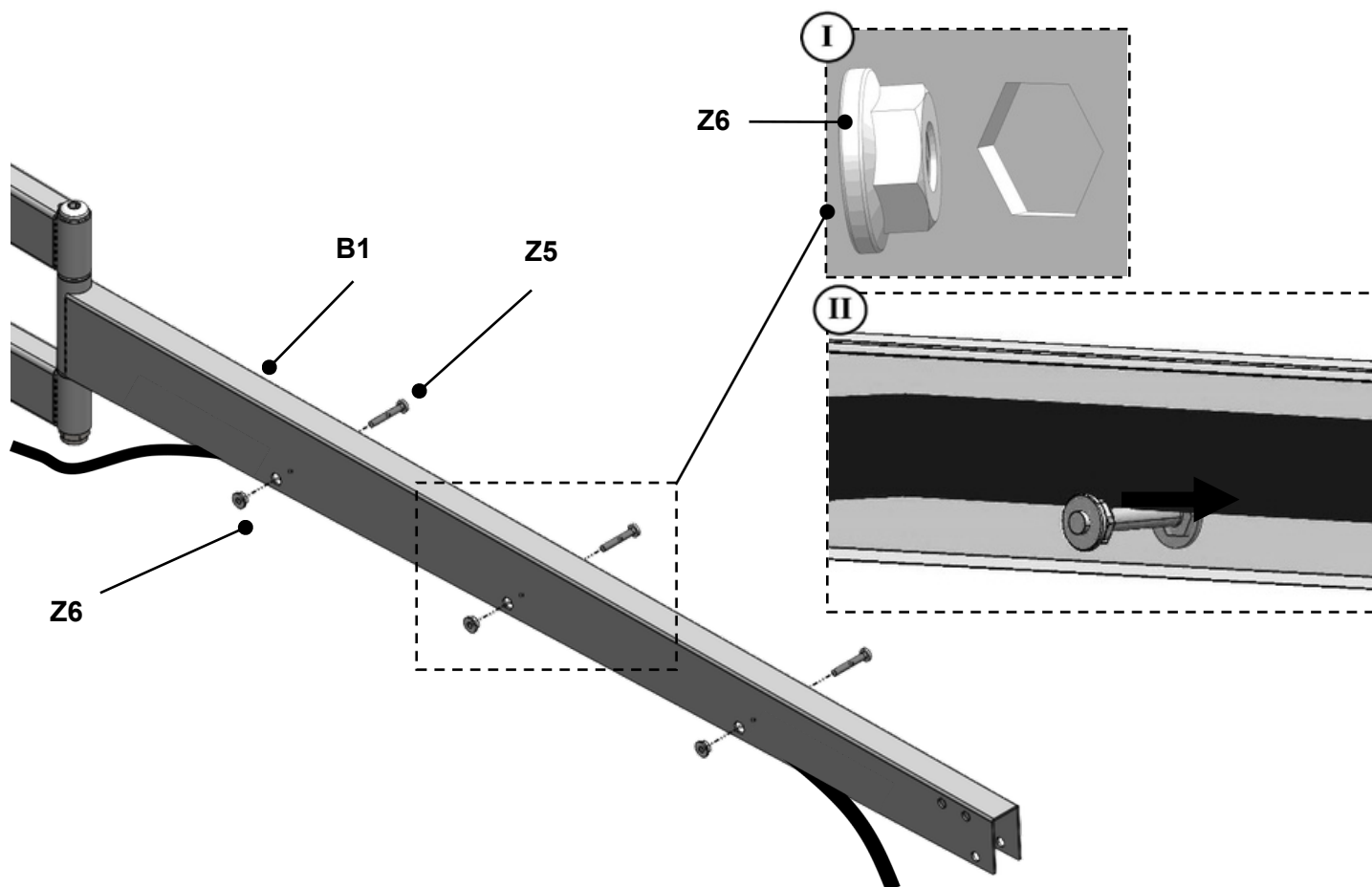
- 14.** Assemble caps **Z10** in the unused holes at the upper part of back arm **A1** and front arm **B1**



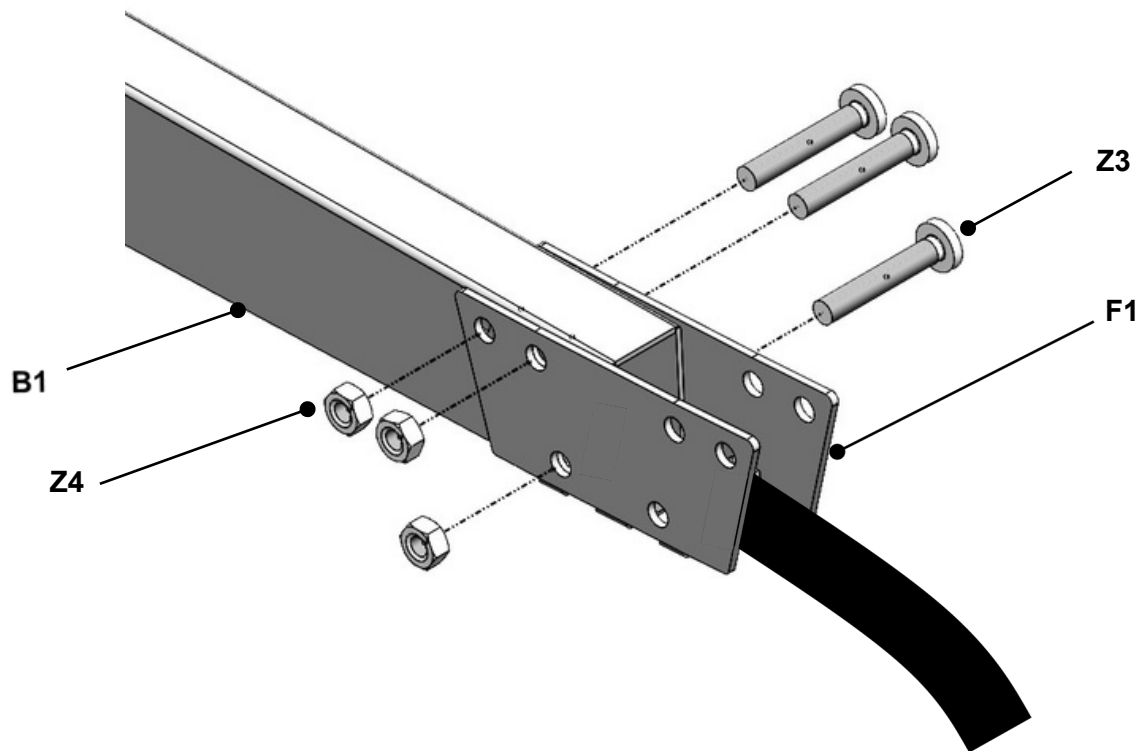
15. Insert the cable to the cable manager **J1** and lock it by inserting **Z5** screws under it. Tighten **Z6** nuts on the screws.



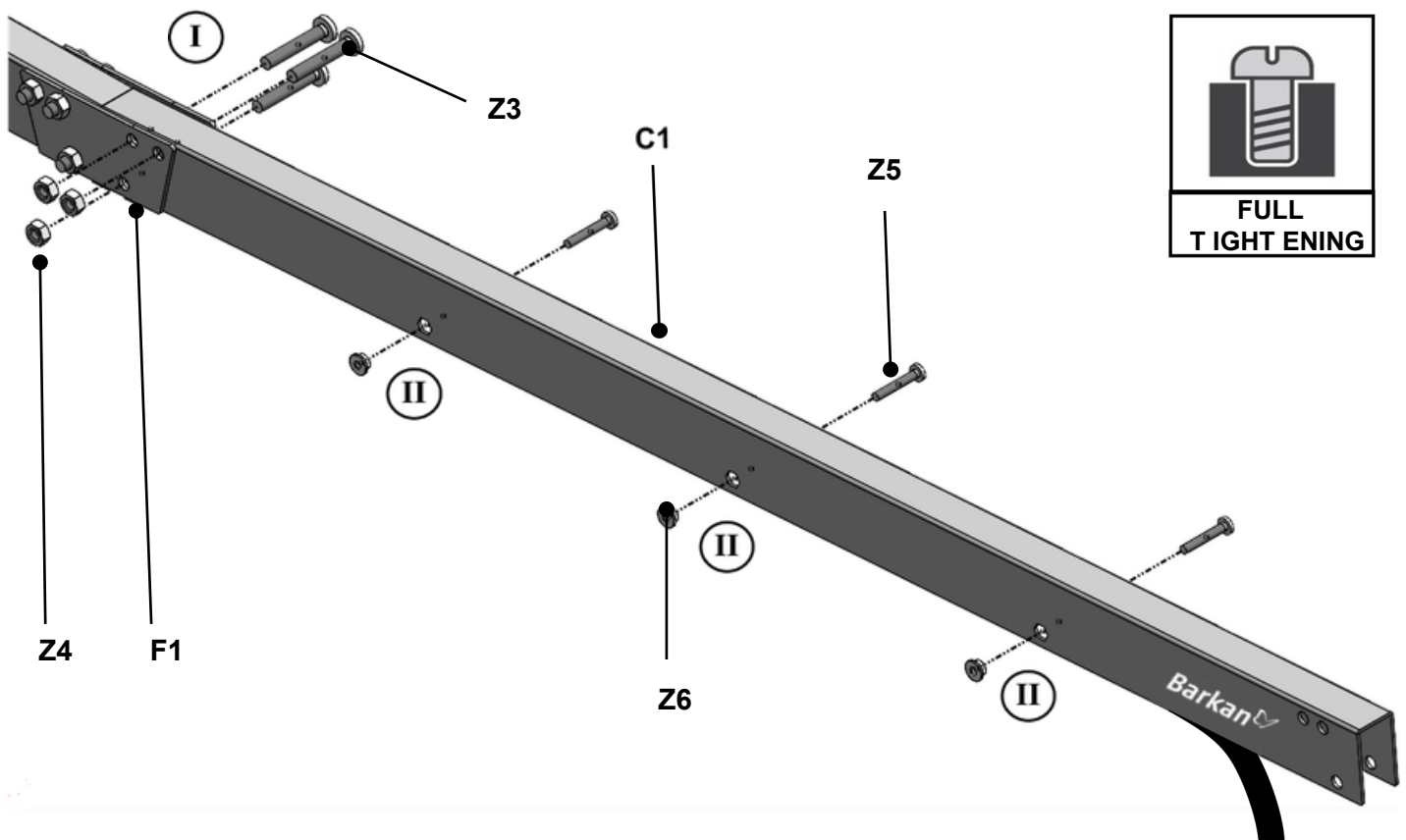
16. Lock the charging cable inside the front arm **B1** by inserting **Z5** screws and **Z6** nuts under it.



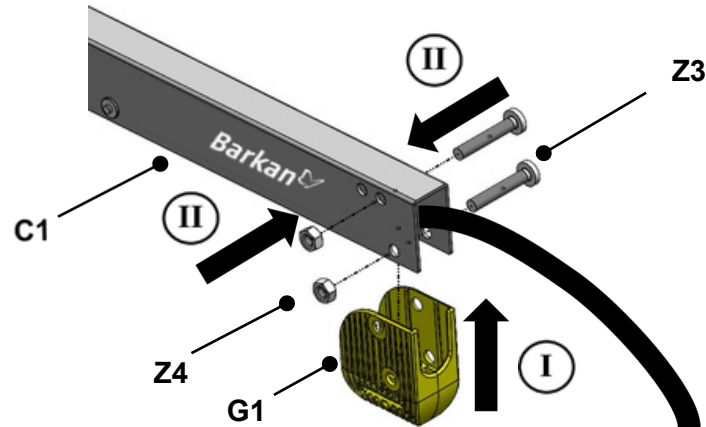
- 17.** Place the charging cable inside the open arm connector **F1**. Assemble the open arm connector **F1** to the front arm **B1**, so it locks the charging cable in its place. Tighten it using 2 **Z3** screws and **Z4** nuts, so that the charging cable runs between the upper and the lower screws.



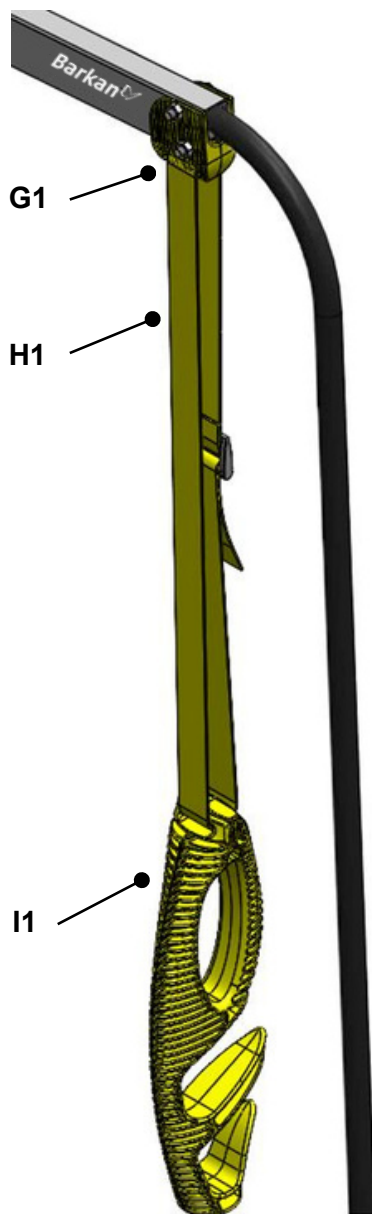
- 18.** I- Connect the extension arm **C1** to the open arm connector **F1**. Tighten it using 2 **Z3** screws and **Z4** nuts, so that the charging cable runs between the upper and the lower screws.
- II- Lock the charging cable inside the extension arm **C1** by inserting **Z5** screws and **Z6** nuts under it.



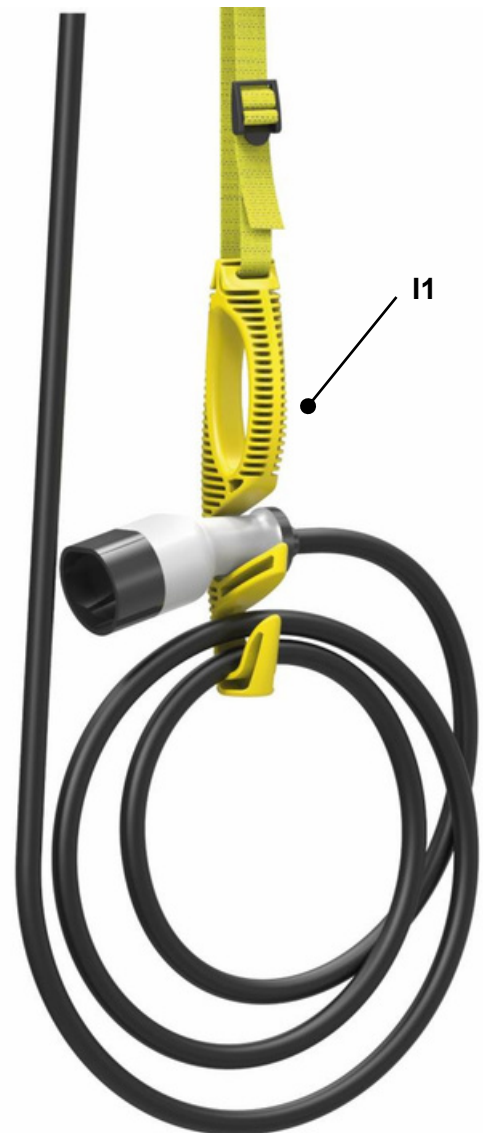
- 19.** Assemble the strap connector **G1** to the extension arm **C1** and tighten it using 2 **Z3** screws and 2 **Z4** nuts, so that the charging cable runs between the upper and lower screws.



- 20.** Thread the handle strap **H1** through the strap connector **G1** and the handle **I1** and secure it with the buckle. Adjust the strap to the desired height.



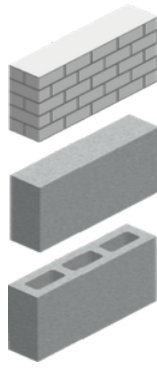
- 21.** When finished charging, place the charging plug in the designated handle **I1** and coil the excess cable on it. Rotate the mount to a place where it is not a safety hazard.



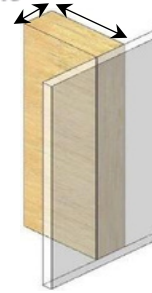
Optional: Hang the Handle Holder

continue according to your wall type

22.



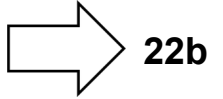
Min.
35 mm
1.5"



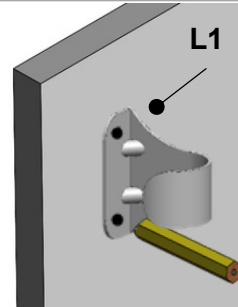
Min.
90 mm
3.5"



Min.
100 mm
4"



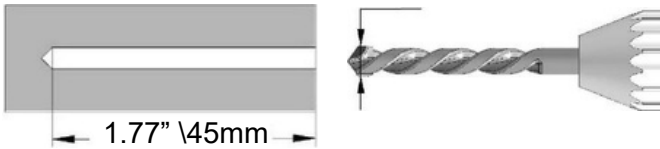
22a. Hold the handle holder **L1** against the wall and mark the holes on the wall according to the desired position.



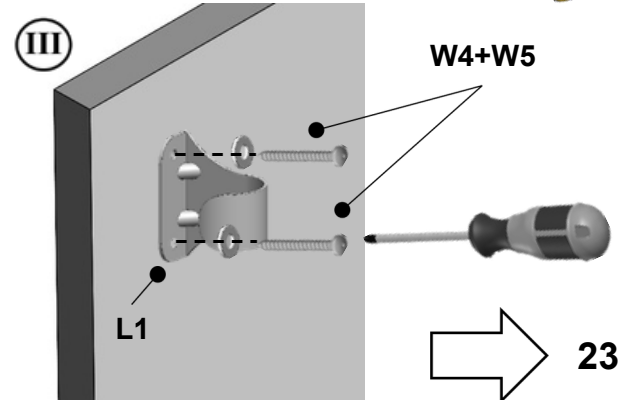
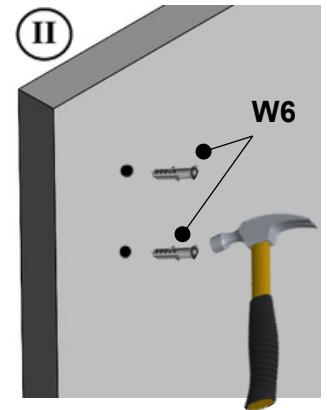
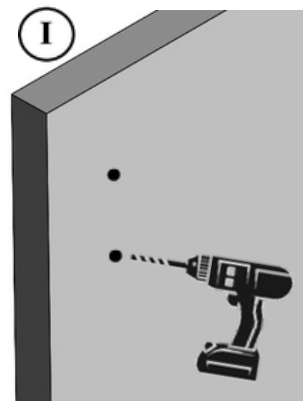
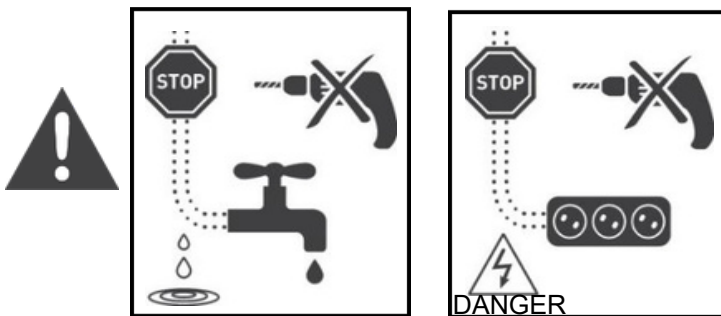
Drill holes, insert 2 **W6** anchors, and assemble the handle holder **L1** using 2 **W5** screws and 2 **W4** washers.

Use 9/32 7mm drill bit

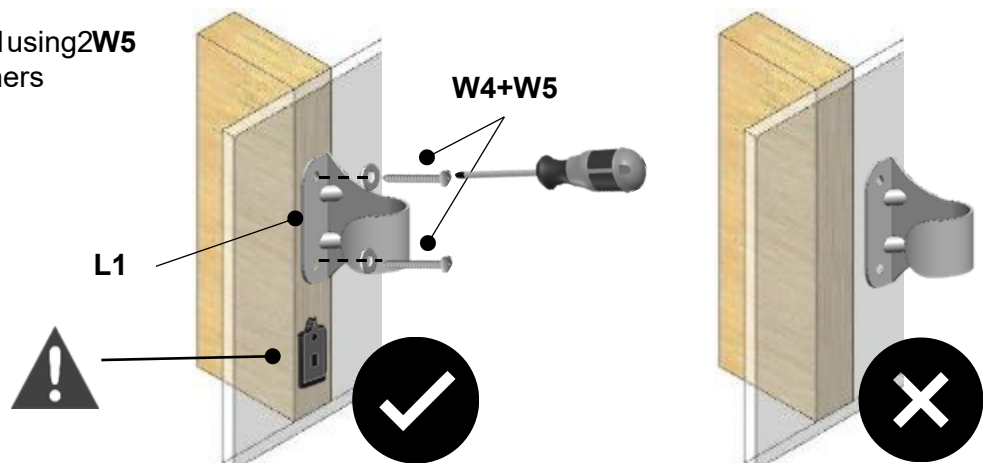
9/32 7mm



Make sure there are no electrical/water lines in the wall before drilling and then drill according to the markings



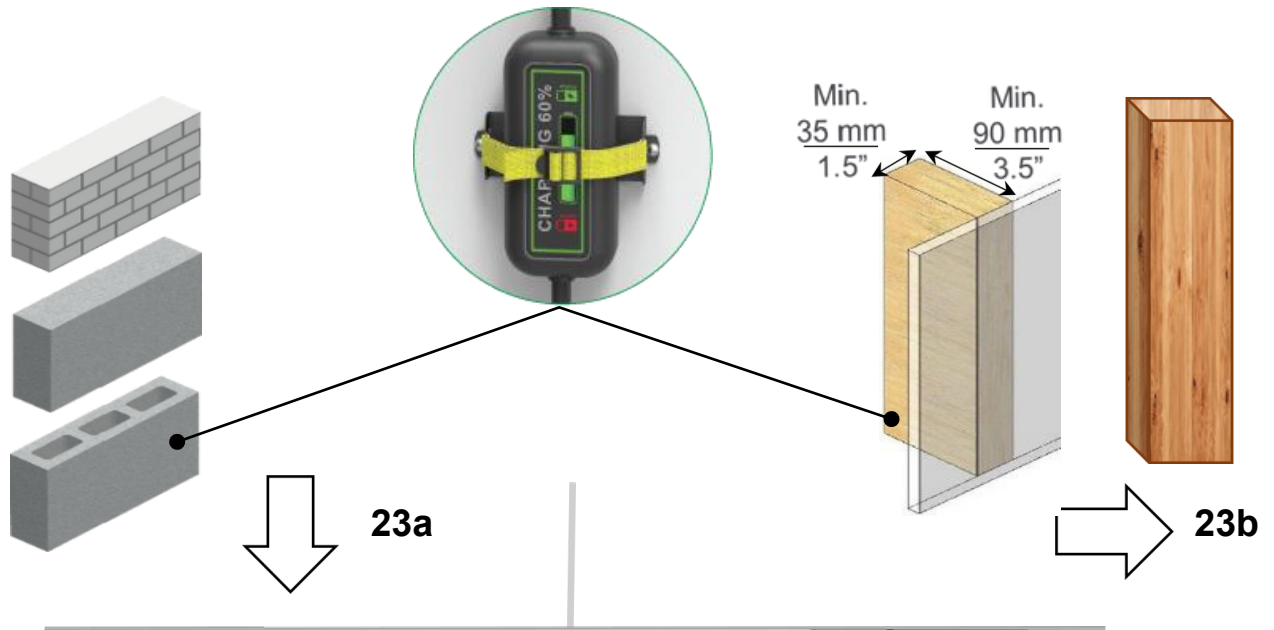
22b. Assemble the handle holder **L1** using 2 **W5** screws and 2 **W4** washers



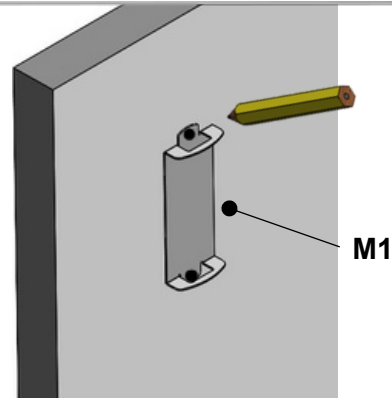
23.

Optional: Hang the Control Box

continue according to your wall type

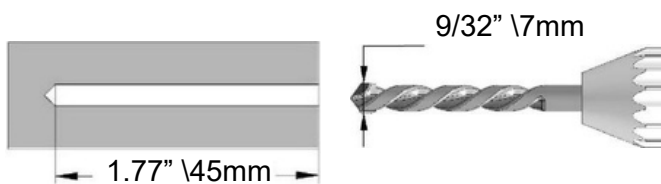


- 23a.** Hold the control box bracket **M1** against the wall and mark the holes on the wall according to the desired position.

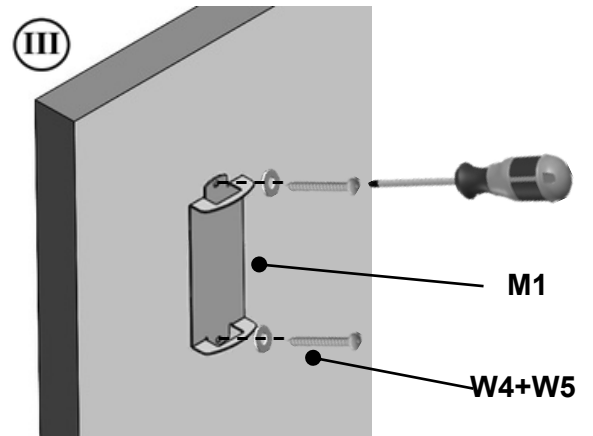
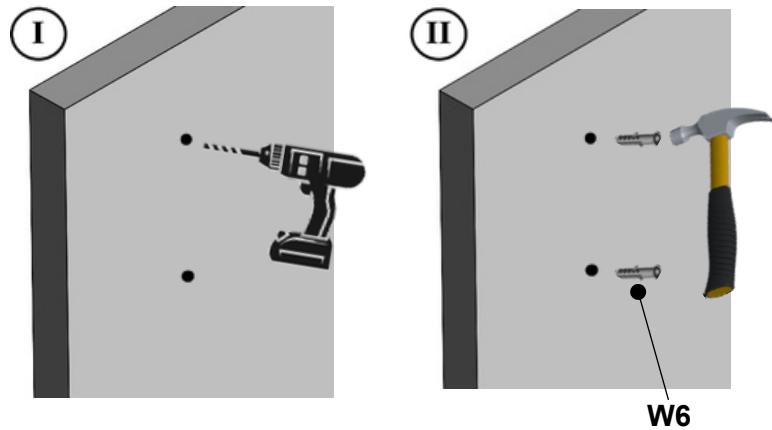
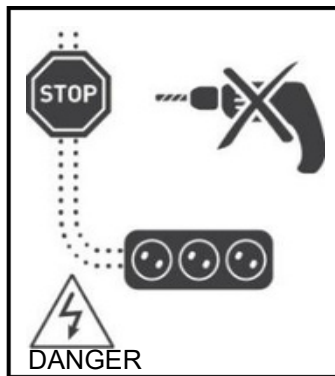


Drill holes, insert 2 **W6** anchors, and assemble the control box bracket **M1** using 2 **W5** screws and 2 **W4** washers.

Use 9/32" \7mm drill bit



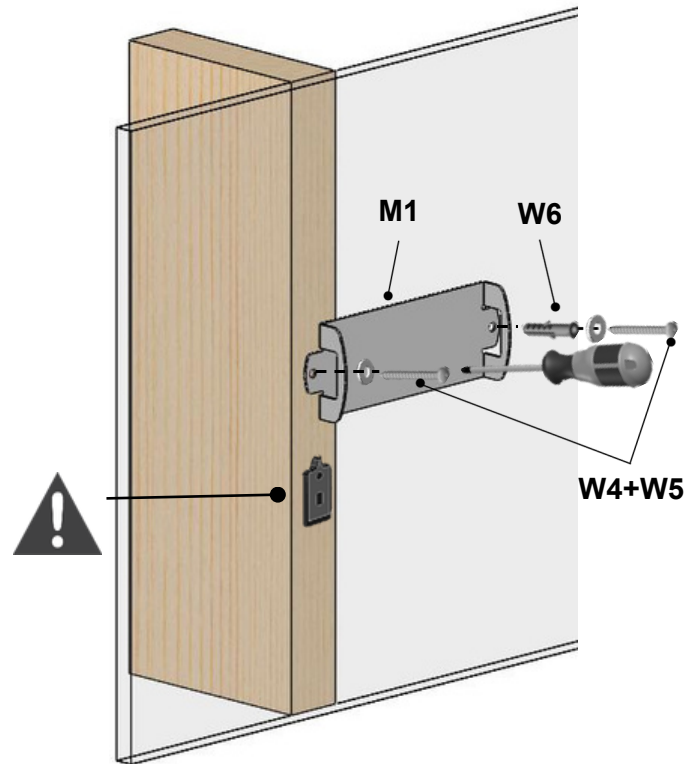
Make sure there are no electrical/water lines in the wall before drilling and then drill according to the markings



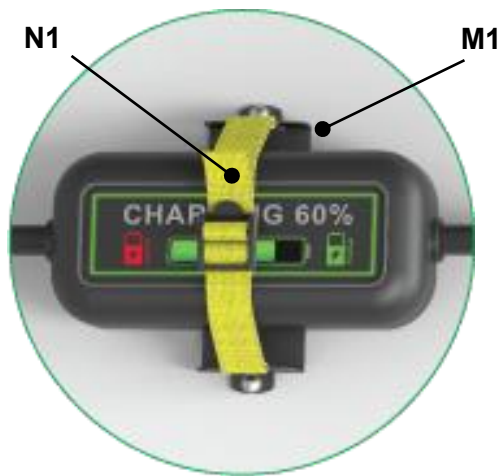
24

23b.

Assemble the control box bracket **M1** using **W5** screws, **W4** washers and **W6** anchor.



24. Thread the bracket strap **N1** through the control box bracket **M1**. Place the charger box into the control box bracket **M1** and secure it by tightening the bracket strap **N1**.



25. Periodic Care

Biannual safety inspection	Secured to wall	Tightened bolts	Lubricated hinges
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC			



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