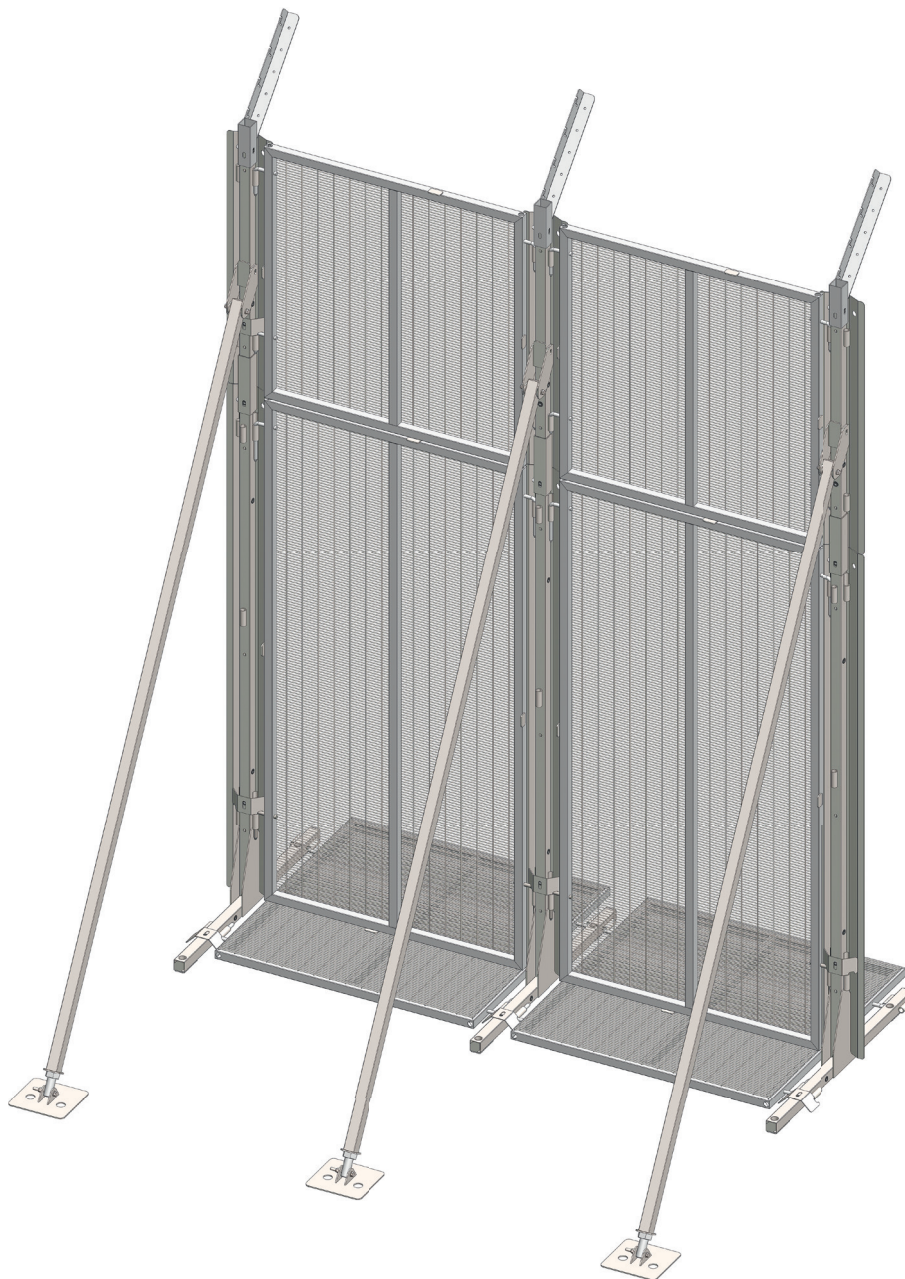High Security Portable Fence Systems
& HVM Barriers

ARX High Security Portable Fence
Build Instructions

**Image shows a two panel 12′ (3.6m) fence line complete
with base panel, infill panels and razor wire brackets**

Parts List

Razor Wire Bracket
ARX-WELD-013 *(Optional Extra)*

4' (1.2m) Extension Infill Panel
ARX-ASSY-014 *(Optional Extra)*

8' (2.4m) Post Infill Panel
ARX-ASSY-013 *(Optional Extra)*

4' (1.2m) Extension Post
ARX-ASSY-004 *(Optional Extra)*

8' (2.4m) Panel
ARX-ASSY-002

Main Post
ARX-ASSY-001

ATTACK FACE

**12' (3.6m)
Brace Leg**
ARX-ASSY-011
(Optional Extra)

Securing Plate
ARX-PART-009

4' (1.2m) Panel
ARX-ASSY-003

SECURE SIDE
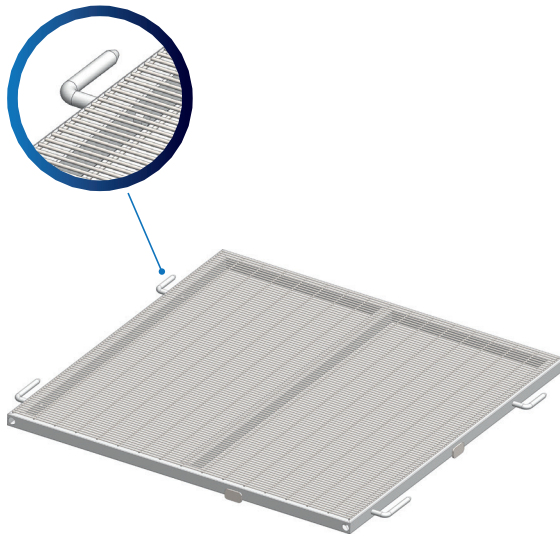
Step 1

Lay a **4' (1.2m) Panel (ARX-ASSY-003)** on the floor.
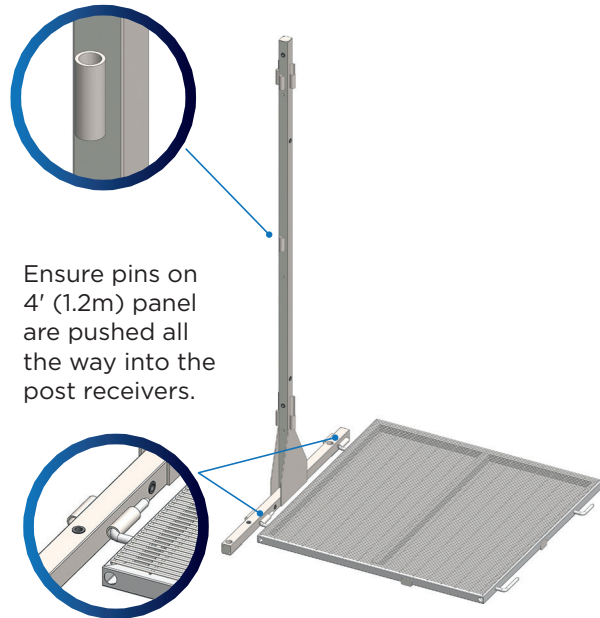
Mesh side needs to be on top.

Pins pointing away from secure side.

Step 2

Stand a **Main Post (ARX-ASSY-001)** upright.

Tube needs to be on secure side.

Ensure pins on 4' (1.2m) panel are pushed all the way into the post receivers.

Step 3

Stand up second **Main Post (ARX-ASSY-001)** as shown in Step 2.

Someone will need to hold the post upright.

Step 4

With two people, place in an **8' (2.4m) Panel (ARX-ASSY-002)**.

Mesh to outside, attack face.

Top pins are longer to help locate the panel, insert these first.

Drop the panel in so pins slide into bottom two receivers.

Step 5 *(12' (3.6m) Fence run only)*

For an 8' (2.4m) panel run, go to Step 8.

Attach one **4' (1.2m) Extension Post (ARX-ASSY-004)**.

Rivet nut needs to be on secure side.

Loosely secure in place with M12 x 25mm bolt to the top of the **Main Post (ARX-ASSY-001)**.

Step 6 *(12' (3.6m) Fence run only)*

Attach and loosely secure a second **4' (1.2m) Extension Post (ARX-ASSY-004)** as shown in Step 5.

Step 7 *(12' (3.6m) Fence run only)*

Slide in a **4' (1.2m) Panel (ARX-ASSY-003)**.
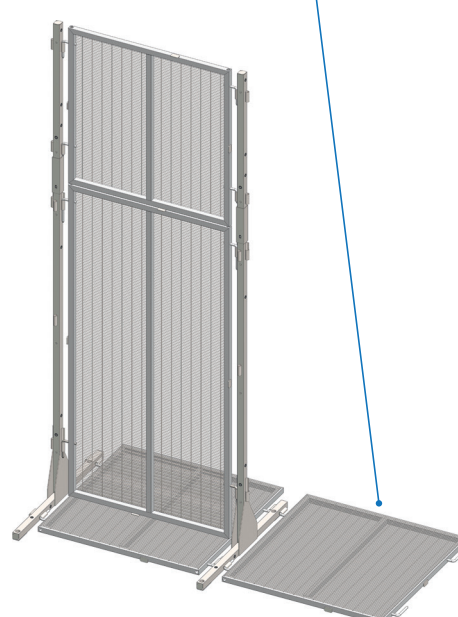Mesh to outside, attack face.
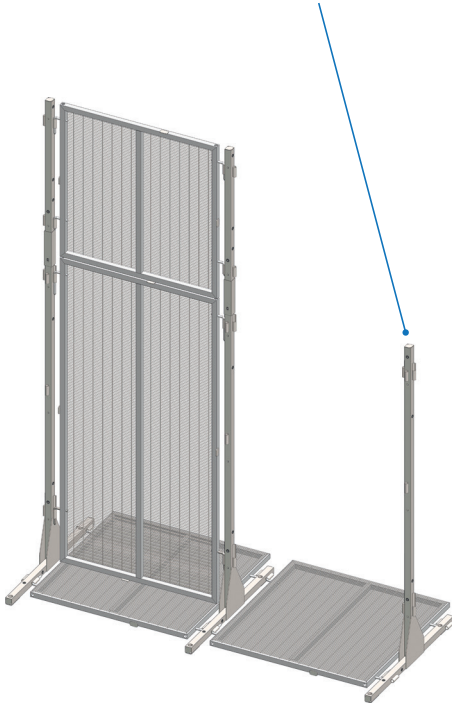Ensure all pins are seated in each receiver.

Step 8

ADDING ANOTHER BAY

Place another **4' (1.2m) Panel (ARX-ASSY-003)** to the base, ensuring it is pushed all the way forward.
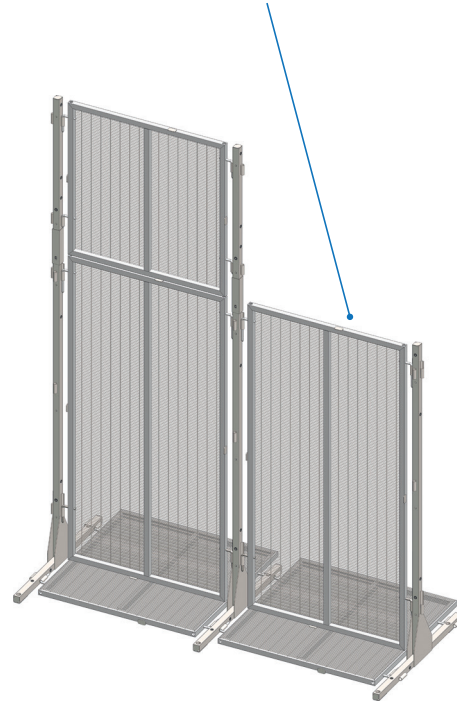
Step 9

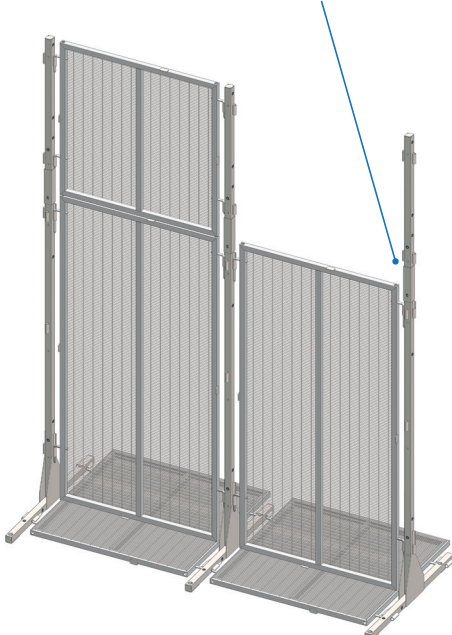Add another **Main Post (ARX-ASSY-001)**.

Step 10

Add another **8' (2.4m) Panel (ARX-ASSY-002)**.

Step 11 *(12' (3.6m) Fence run only)*

Add another **4' (1.2m) Extension Post (ARX-ASSY-004)**.

Loosely secure in place with M12 x 25mm bolt.

Step 12 *(12' (3.6m) Fence run only)*

Add **4' (1.2m) Panel (ARX-ASSY-003)**.

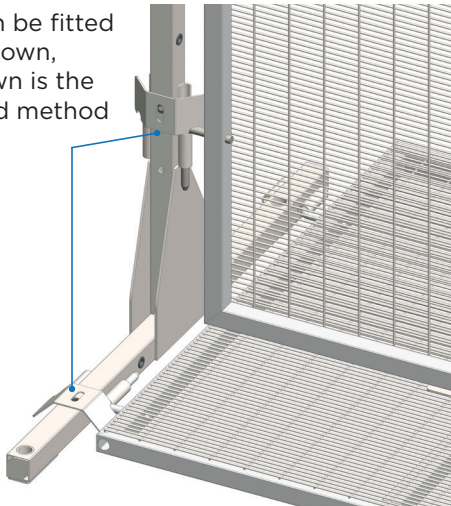Keep repeating sequence until the fence is the desired length

Step 13

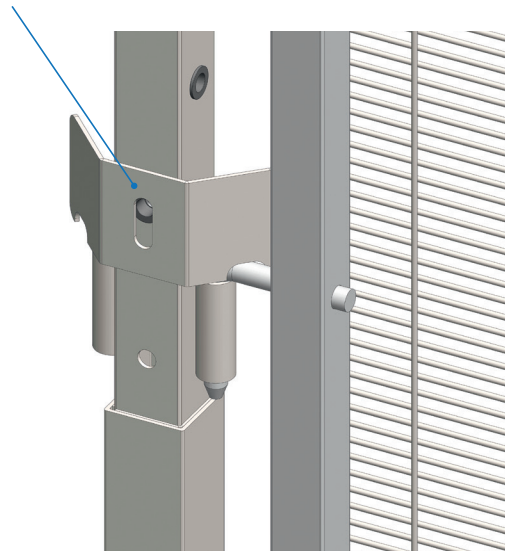Add **Securing Plates (ARX-PART-009)** to lock panels into place.

Use a M12 x 25mm bolt to fix into position.

Two securing plates are used in the lower section, one secures the 4' (1.2m) panel in the bottom, the other secures the 8' (2.4m) panel.

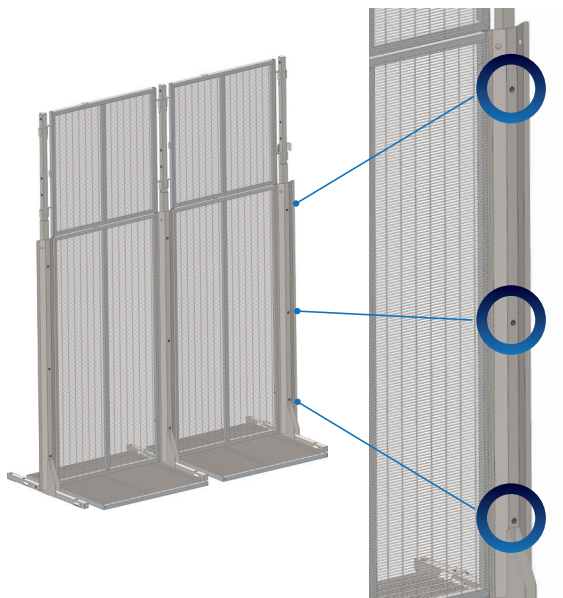They can be fitted upside down, but shown is the preferred method of fixing.

If you have a 12' (3.6m) fence, you will need to install an extra securing plate to the 4' (1.2m) extension post as shown below.
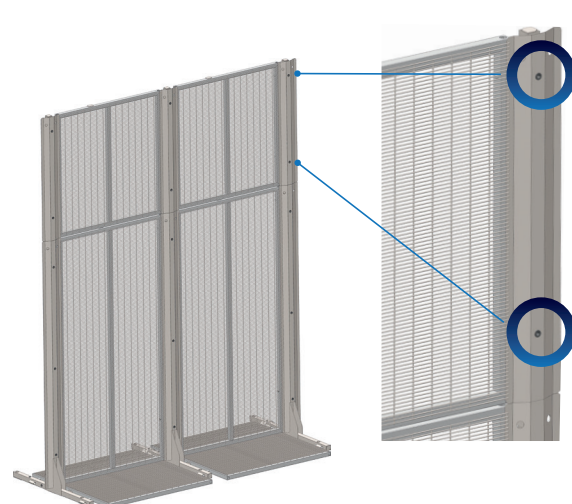

At this point tighten all bolts in **Extension Posts (ARX-ASSY-004)**.

Post Infill Panel *(Optional Extra)*

Secure the **Post Infill Panel (ARX-ASSY-013)** with three M12 x 60mm bolts from the secure side, through the plain holes in the **Main Post (ARX-ASSY-001)** and then into the panel.
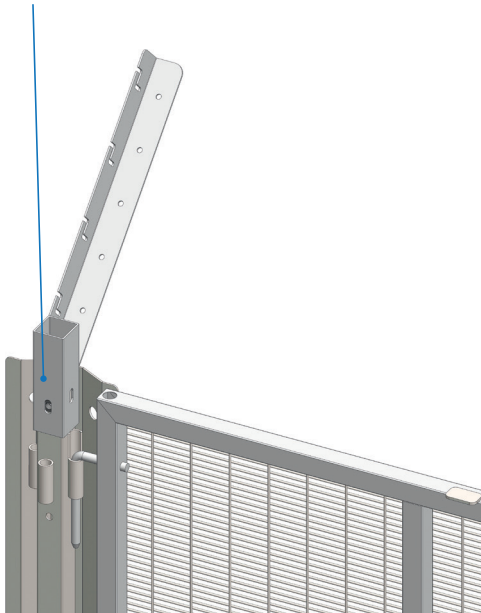
For the **Extension Infill Panel (ARX-ASSY-014)**, secure with two M12 x 60mm bolts through the plain holes in the **4' (1.2m) Extension Post (ARX-ASSY-004)** and then into the panel.
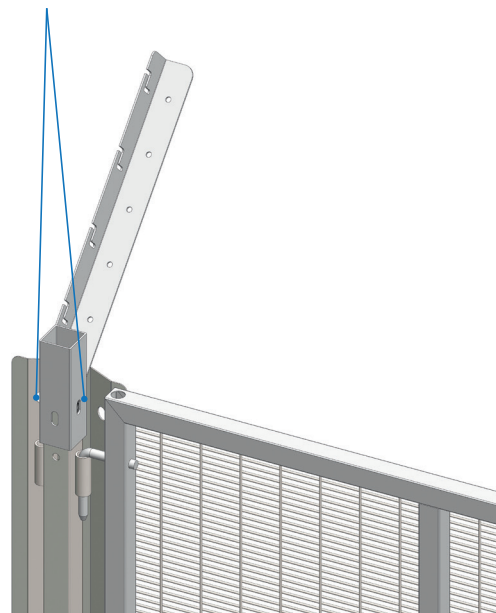

All bolts need to be secure to pull the infill panels up against mesh front.

Razor Wire Bracket *(Optional Extra)*

Using the **Razor Wire Bracket (ARX-WELD-013)** on an 8′ (2.4m) panel, secure bracket to top of **Main Post (ARX-ASSY-001)** using one M12 x 25mm bolt.
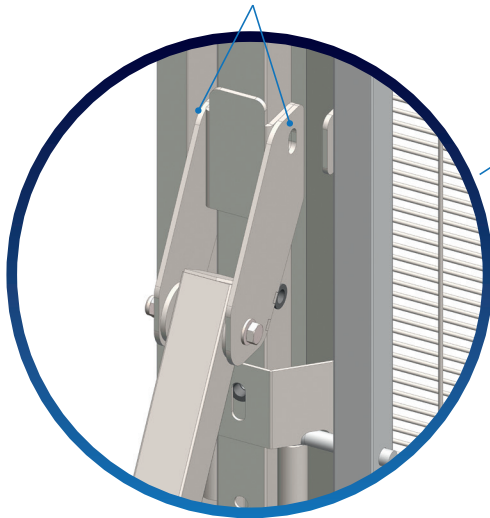
For adding the **Razor Wire Bracket (ARX-WELD-013)** to the **4′ (1.2m) Extension Post (ARX-ASSY-004)**, use two M12 x 25mm bolts, one either side.
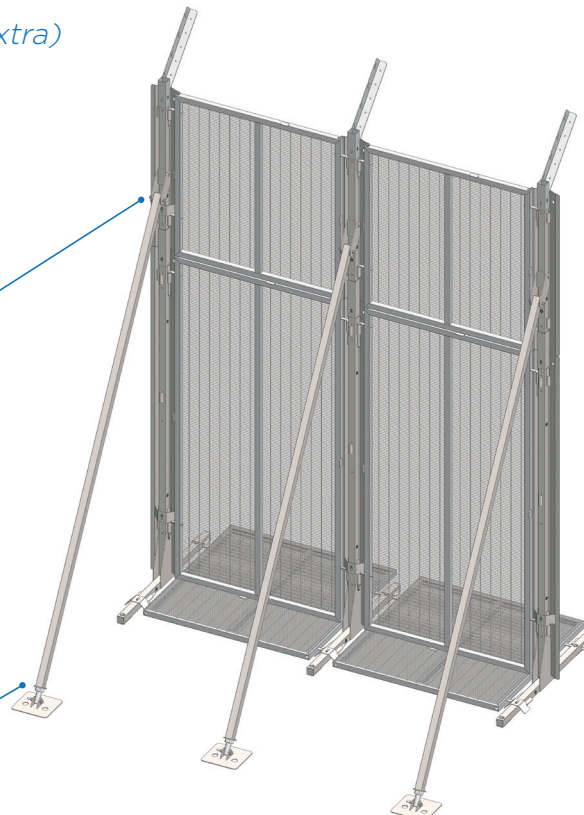
12′ (3.6m) Brace Leg *(Optional Extra)*

If you wish to install the **12′ (3.6m) Brace Leg (ARX-ASSY-011)**, secure it to the **4′ (1.2m) Extension Post (ARX-ASSY-004**) with two M12 x 25mm bolts.

Ensure leg is at approximately 30°. To adjust length, rotate the base plate to required position and lock off with second M36 nut.
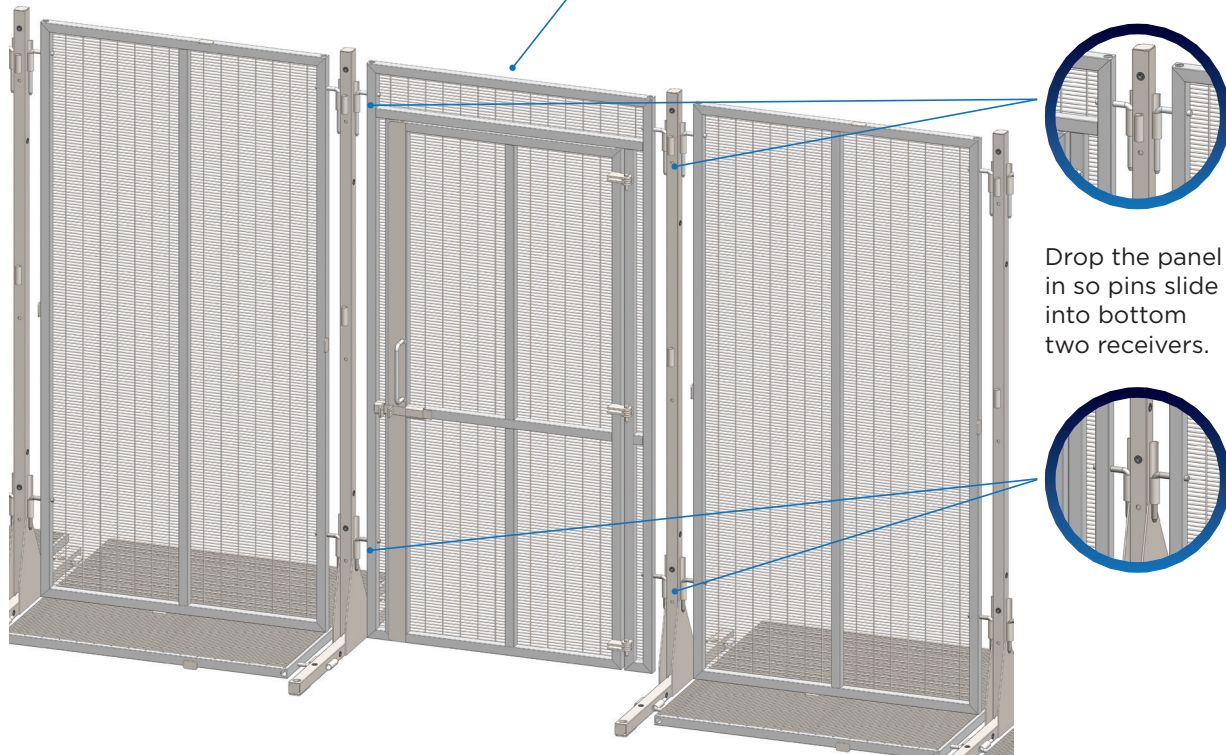
Pedestrian Gate *(Optional Extra)*

With two people, place in an **8' (2.4m) Pedestrian Gate Panel (ARX-ASSY-020)** between two **Main Posts (ARX-ASSY-001)**.

Mesh to outside, attack face.

Top pins are longer to help locate the panel, insert these first.

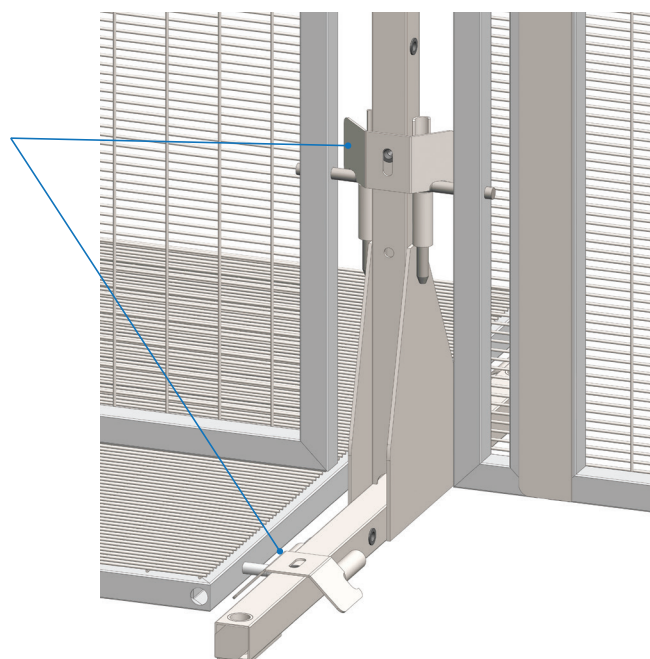Drop the panel in so pins slide into bottom two receivers.

Add **Securing Plates (ARX-PART-009)** to lock the pedestrian gate panel into place.

Use a M12 x 25mm bolt to fix into position.

Two securing plates are used in the lower section, one secures the 4' (1.2m) panel in the bottom, the other secures the 8' (2.4m) panel.

They can be fitted upside down, but shown is the preferred method of fixing.

ARX SECURITY

High Security Portable Fence Systems
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