

Kaynemaile Interior Folding Screen Installation Guide.

These instructions are designed to guide you through the installation of the Kaynemaile Folding Screen System. We recommend you take time to read all the information thoroughly before beginning the installation or unpacking any of the components. Failure to follow the instructions may result in a system fault or component damage and void the material warranty.

Preparation

The Kaynemaile screen is a 'final fix' item and should not be installed until all other adjacent trade work is completed. Before beginning the installation ensure that the following preparation has been carried out: the work area should be clear of dirt and debris. The substrate must be level and true across the whole length or the track sections will not align and the screen will not function correctly. Ensure the substrate is suitable for the weight and operational requirements of the track. If packers are used between the track and the substrate ensure the packers are of suitable size to prevent the track moving during operation. When drilling or cutting ensure all debris is removed from the track and track components. Ensure operating instructions are followed and the screen functions correctly before leaving installation site. Ensure all packing material is disposed of correctly.

Installation Checklist & Feedback

Complete the installation checklist at the back of this document and forward to info@kaynemaile.com to register your product warranty.

We welcome your questions and feedback.

Folding Screen Overview

A Top Track

- A1 Curved & shaped sections
- A2 Service end
- A3 Intermediate section
- A4 Adjustable section
- A5 Joiner Pins

B Folding Screen

- B1 Folding screen (shown bundled)
- B2 Dual castor and brake
Note: fixed end screens have one dual castor and brake set at the moving end only. Non-fixed end screens will have dual castor and brake sets at both moving ends.
- B3 Upper castor
- B4 Lower castor

C Accessories

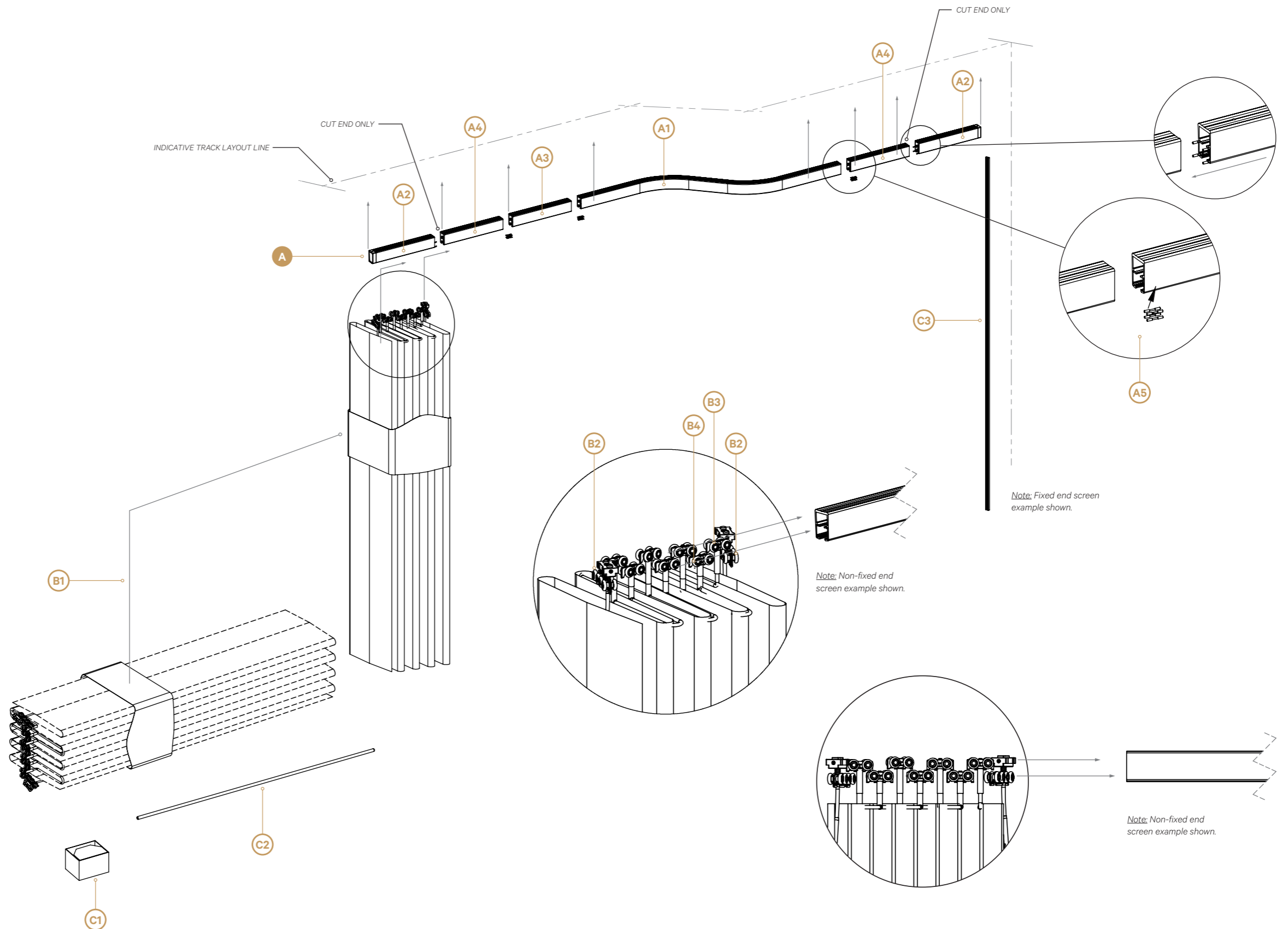
- C1 Fixings & spares
- C2 Operating Wand
- C3 Low profile track (for fixed end screens only)
- C4 Low profile track saddles

Installation Sequence

- 1 Install Track
- 2 Install Screen
- 3 Install Accessories
- 4 Check Installation and Function

Note: All parts are shown for information only. Your exact components may vary based on requirements.

Important: Ensure eye and ear protection is used during installation. Hand tools should be used by competent installers only.

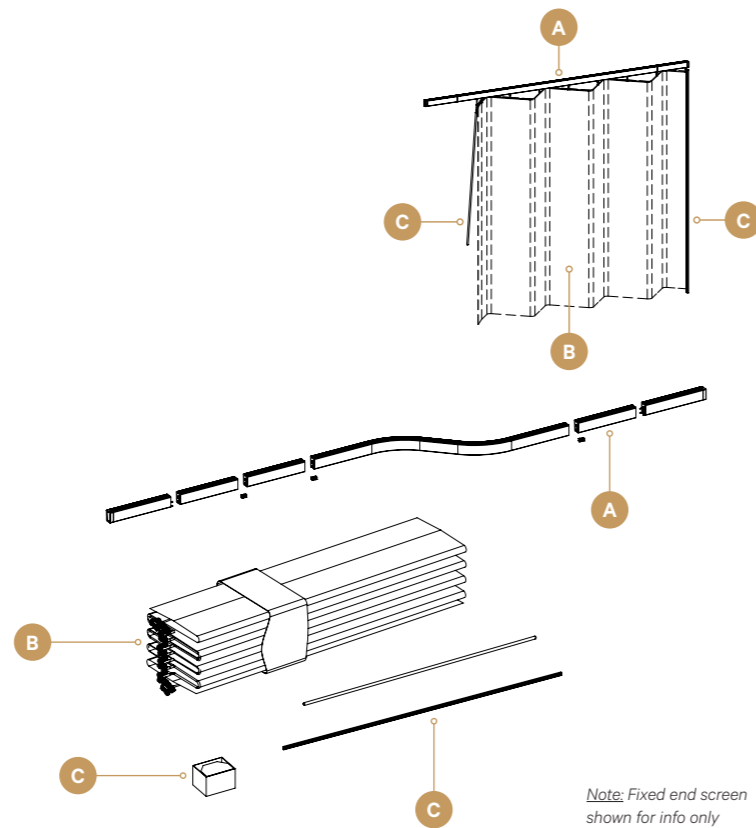


Need more detail? See over.

Folding Screen— Component Overview

Exact components may vary. Refer to your packing list and contract documents for your specific screen details.

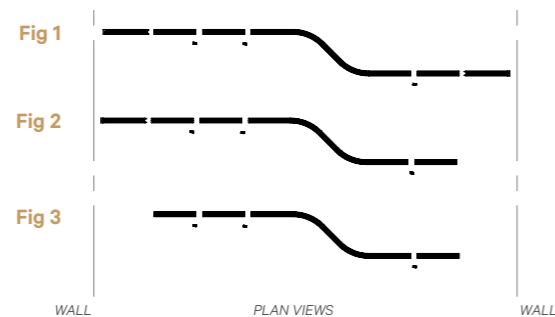
A	Track
B	Folding Screen
C	Accessories



Folding Screen—Track Installation Types

There are three different track types based on whether your screen starts or finishes against a wall or into an open space. Define yours before beginning the installation.

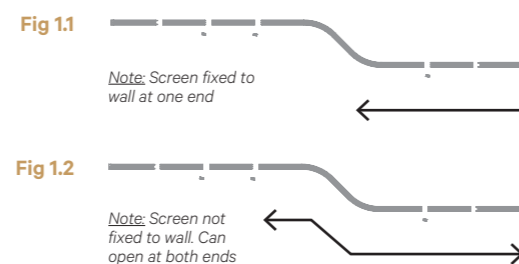
Fig 1	Wall-to-wall
Fig 2	Wall-to-room
Fig 3	Room-to-room



Folding Screen—Screen End Types

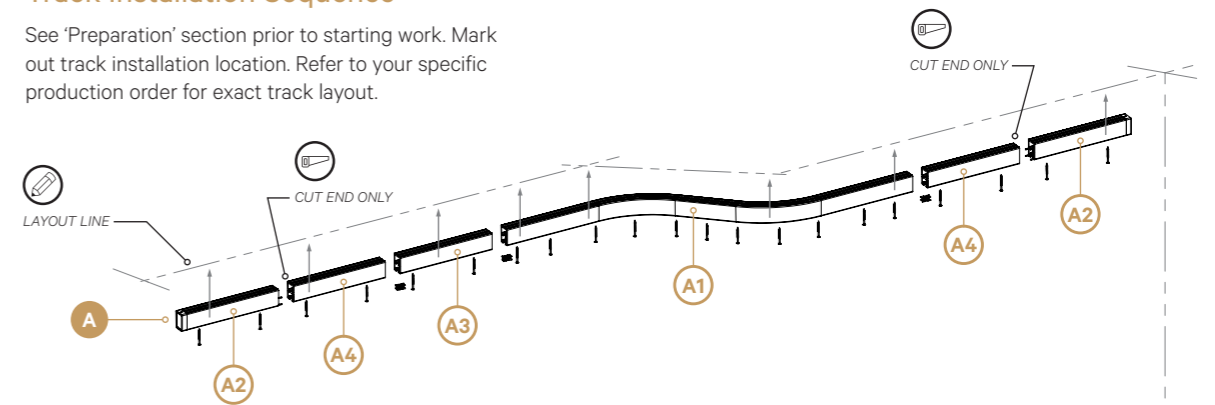
There are two different screen types. Define yours before beginning the installation.

Fig 1.1	Fixed end
Fig 1.2	Non-fixed end



1. Track Installation Sequence

See 'Preparation' section prior to starting work. Mark out track installation location. Refer to your specific production order for exact track layout.



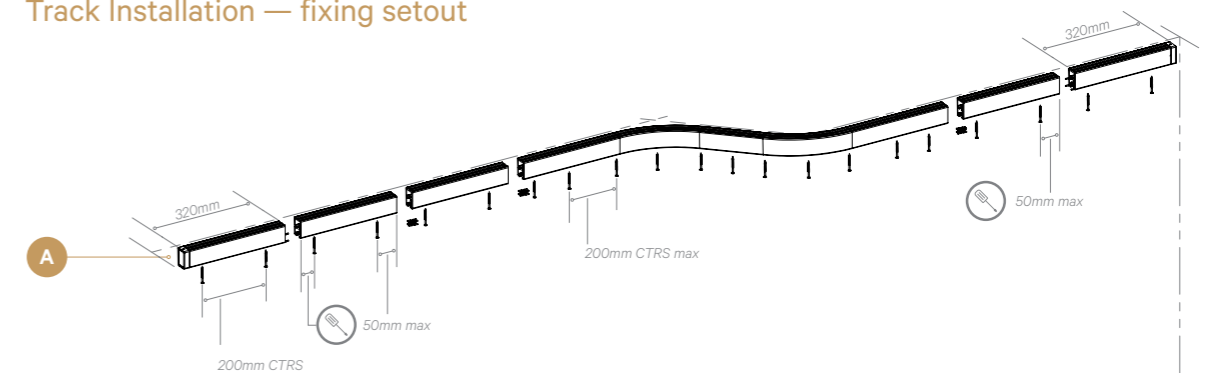
INSTALL SEQUENCE

1. Check fixing locations and mark-up track line
2. Install curved or shaped sections first (A1)
3. Install service end sections (A2)
4. Install intermediate sections. **Do not cut these sections (A3)**
5. Install adjustment sections. Cut to fit this section as required (A4)
6. Uninstall service end to allow for installation of the mesh screen (A2).

Notes:

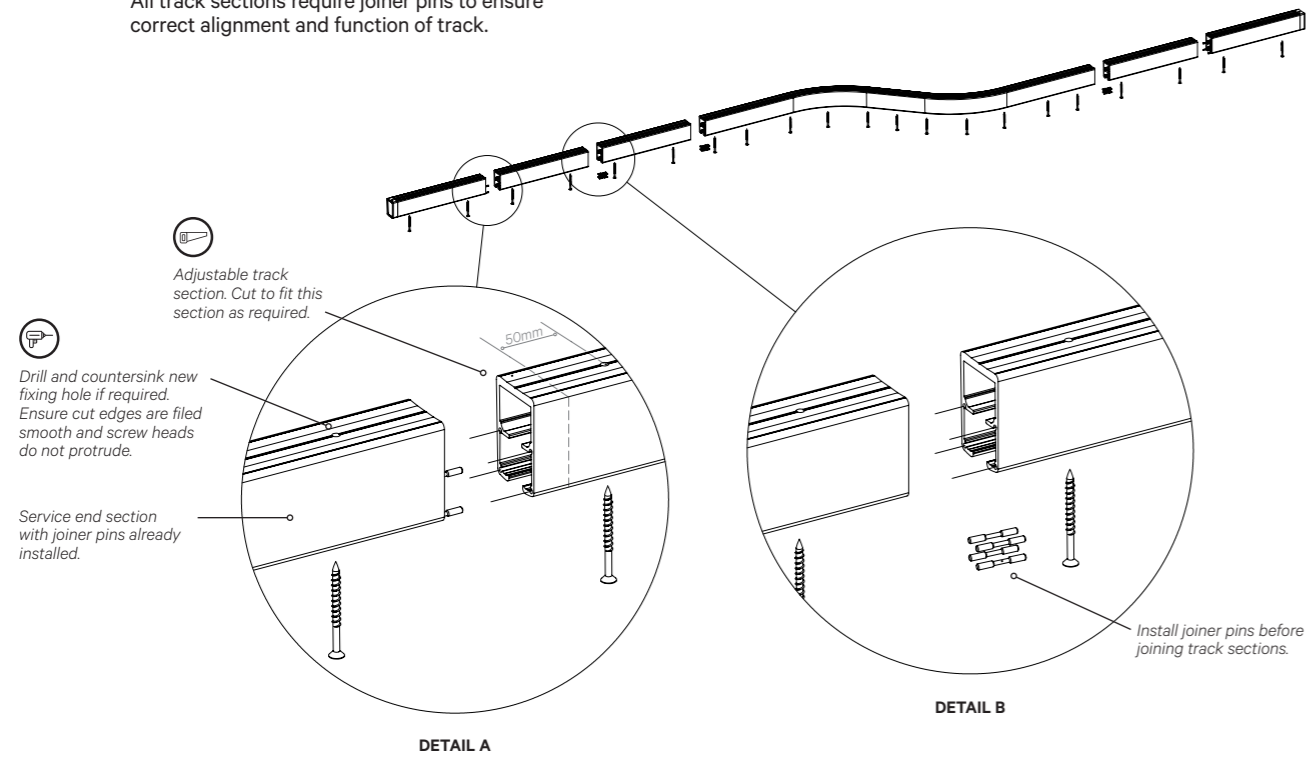
- Track layout varies. Refer to your production order for exact layout.
- Curved track is shown for information purposes only.
- Do not recess the track
- Do not paint or plaster track
- Cut adjustable track section only

2. Track Installation — fixing setout



3. Track — Joiner Pin Install

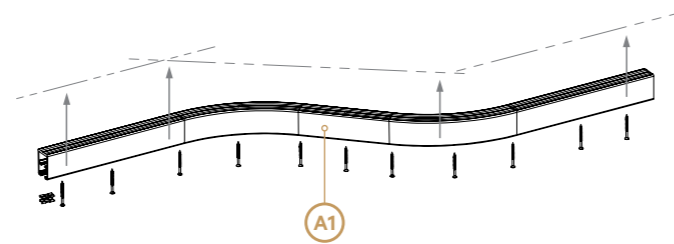
All track sections require joiner pins to ensure correct alignment and function of track.



4. Install Curved or Shaped Sections

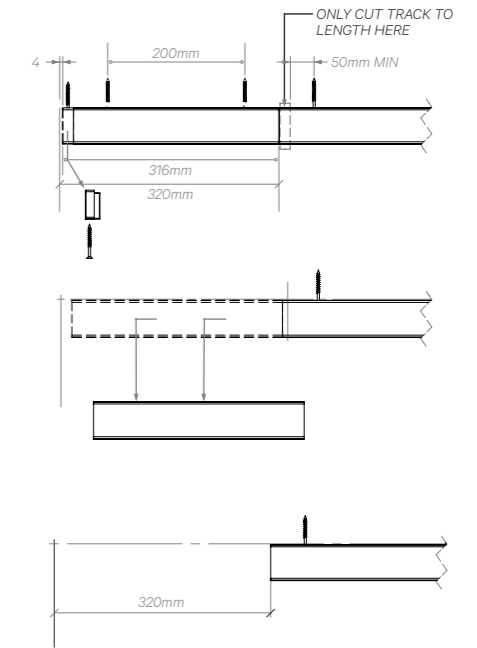
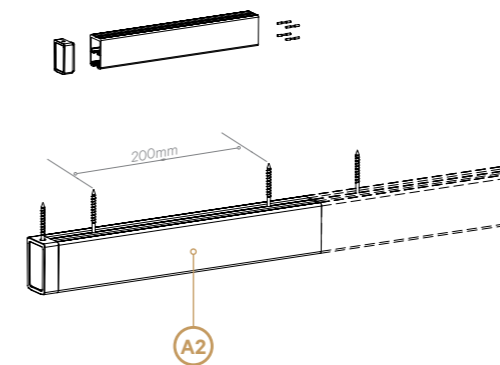
1. Mark-out and check fixing locations
2. Install joiner pins at both ends
3. Counter sunk screw holes are pre-drilled in the track at set intervals based on your layout. End fixing location should not exceed 50mm (2in) to end of track.

Note: May not be applicable to your specific layout.



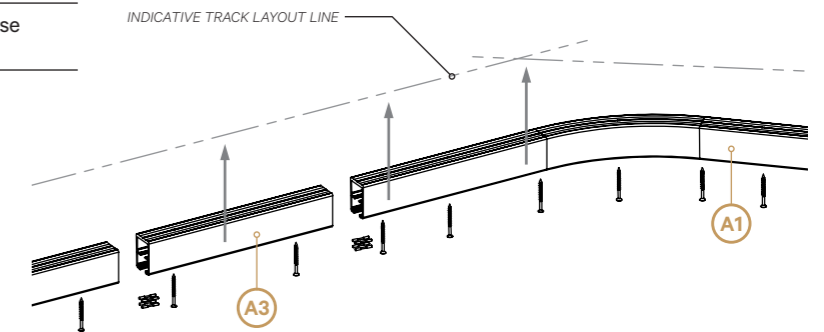
5. Install Service End Section

1. If track is to be fixed against a wall ensure clearance is maintained for 2mm packer component
2. The service end section is designed to be easily removable to allow for the installation of the screen into the track and for maintenance of the screen and track components.
3. Note that joiner pins will typically be pre-installed to this section.
4. If your screen is not next to a wall you may be able to remove the screen by removing the end cap only.



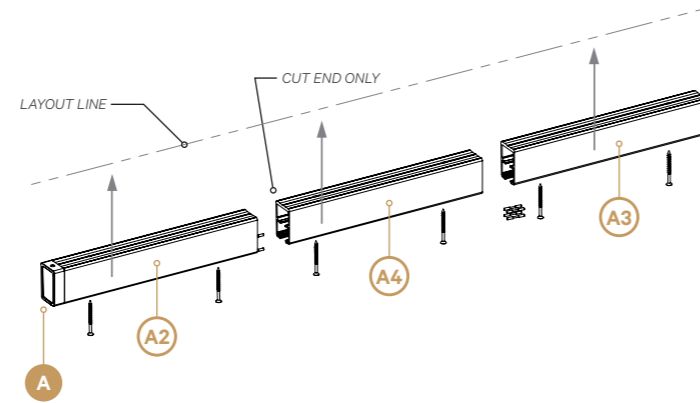
6. Install Intermediate Sections

1. Do not cut intermediate sections
2. Install joiner pins at each end of these sections.



7. Install Adjustment Sections

1. The adjustment section is supplied oversize to allow you to adjust the overall track layout on site by cutting the intermediate section as required. No other sections of the track should be cut.
2. Only cut these sections (A4) where indicated on track. Track will be labelled to assist
3. File and clean all cut ends to ensure burrs and sharp edges are removed
4. Do not install joiner pins into this section. Joiner pins are installed in the service end section.



8. Remove Service Ends

1. Remove the service end (A2) to allow for installation of the screen

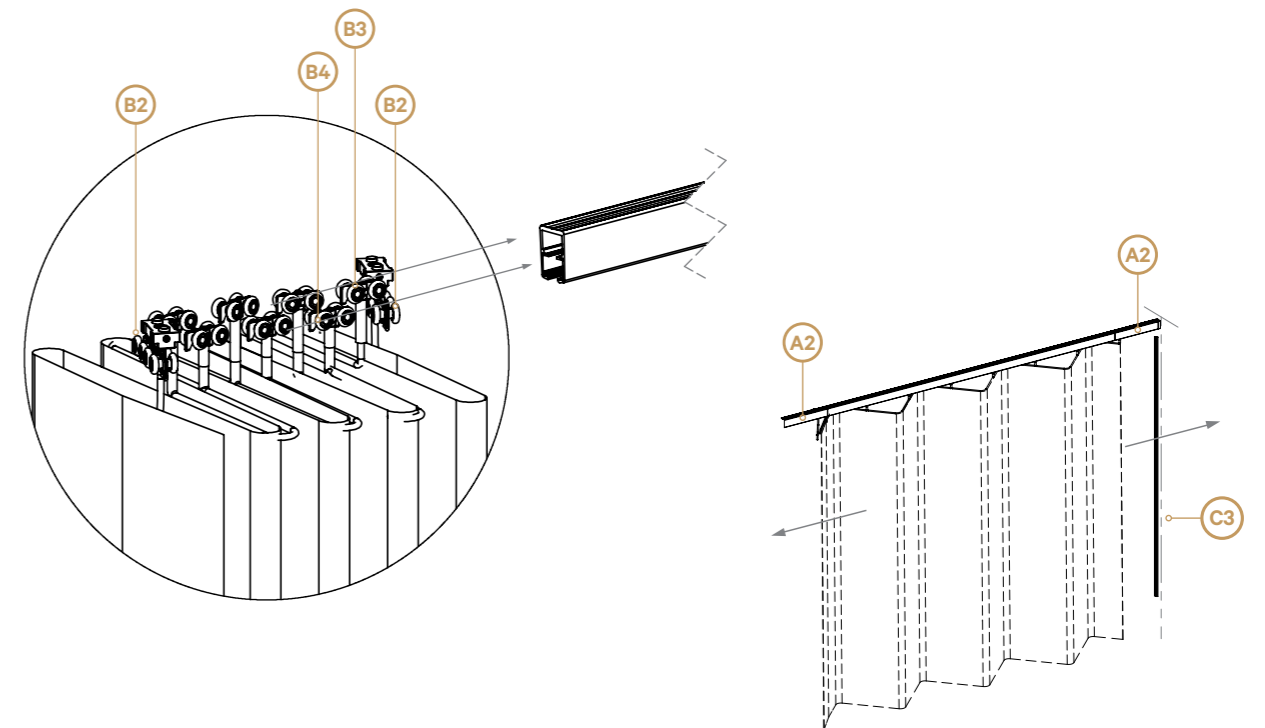
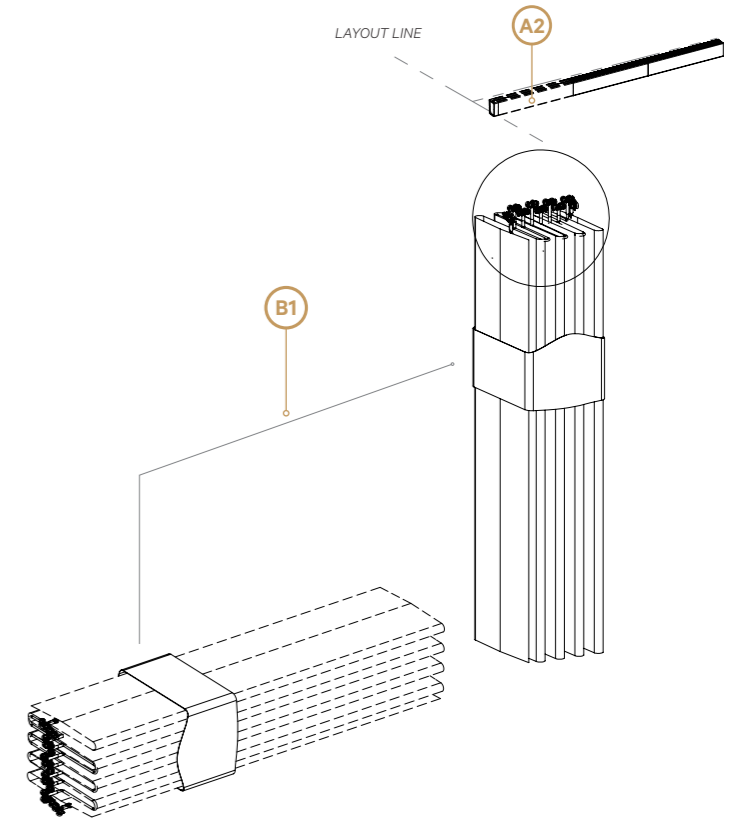
Note: If your screen has two service ends you do not need to remove both ends.

See section 5 image.

9. Screen Installation Overview

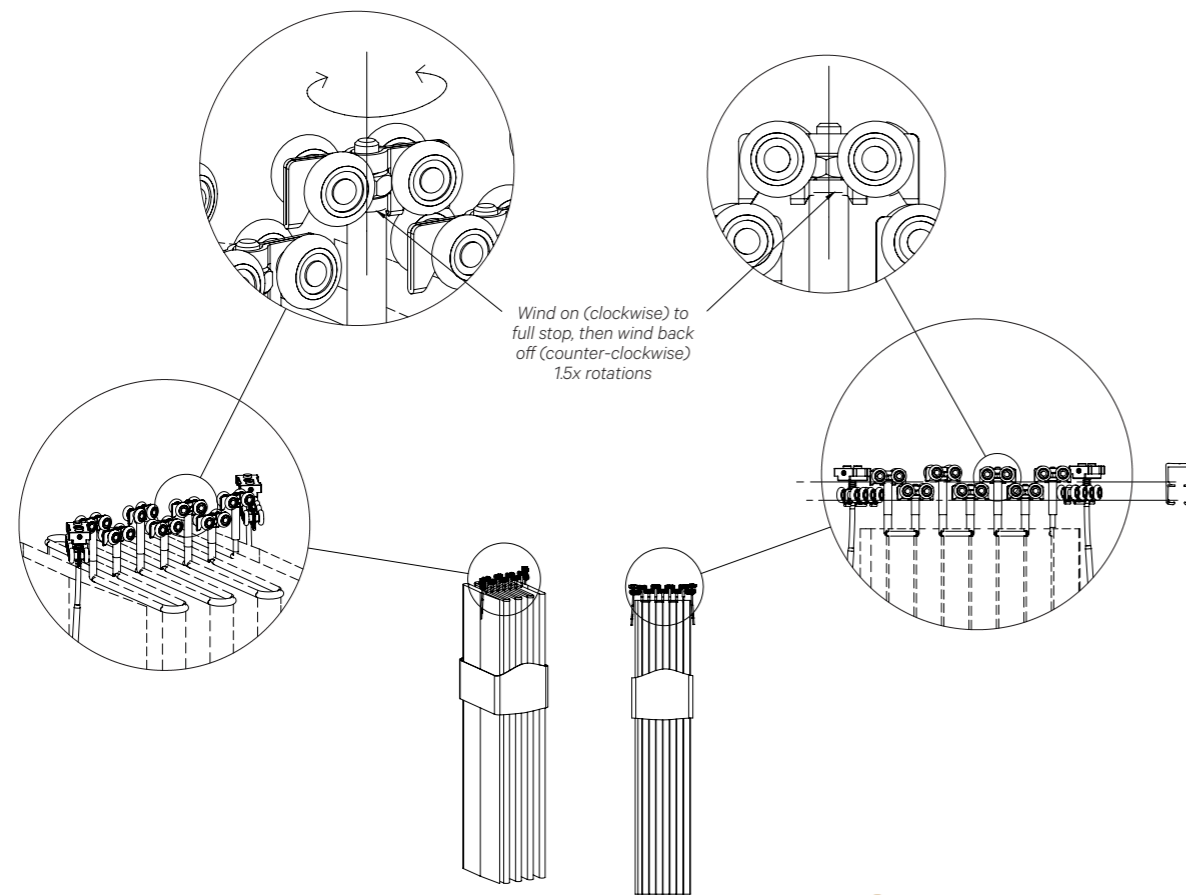
1. Remove section A2 (service end). See section 8
2. To assist installation leave the screen wrapped together. The wrapped screen bundle is easier to lift up to the track
3. Locate correct screen end in preparation for installing into the track. Each end will be clearly labelled with a tag
4. Set castor heights before installing into track (see castor installation—section 10)
5. Load castors in correct order into the correct level of the track section
6. Ensure short castors are loaded into lower track section and tall castors are loaded into upper track section
7. Slide the whole screen to the opposite end of the installed track
8. Install service end of track (A2). See section 8
9. Carefully un-wrap bundle, then fully open out screen.

Note: If your screen has been supplied on a short length of track attached to the castors then use this to assist the installation process if possible. If site conditions allow then use a material lift to raise the screen to working height of and feed the castor sets in to position.

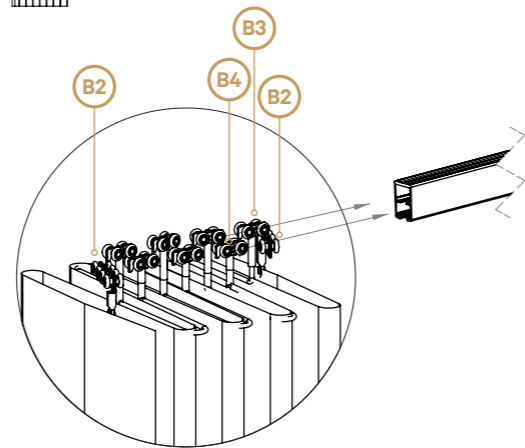


10. Castor Installation Setup

- To set the correct castor height prior to installing into track:
 - Wind castors clockwise until finger tight then unwind counter-clockwise 1.5x turns. Do not over-tighten when winding castors.



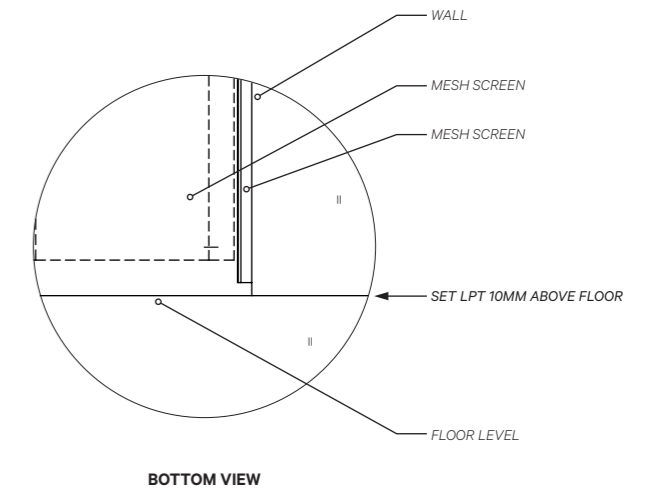
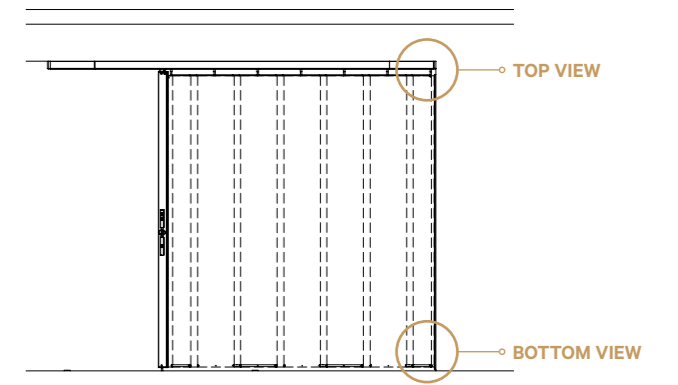
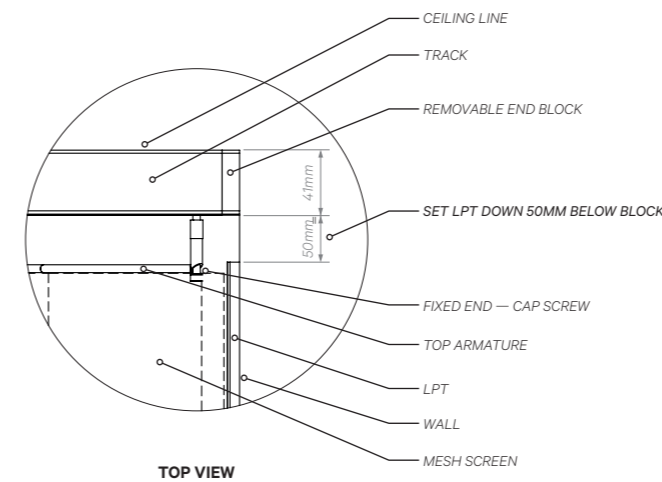
- Ensure short castors are loaded into lower track section and tall castors are loaded into upper track section.
- Where dual castors are at either ends of the screen, ensure they are loaded in to the lower sections of the track.
- To install brake component: ensure castor goes in lower track section and brake component goes in upper track section (see Brake Installation—section 12).



11. Accessories Installation — fixed end only

LOW PROFILE TRACK FOR FIXED END SCREENS

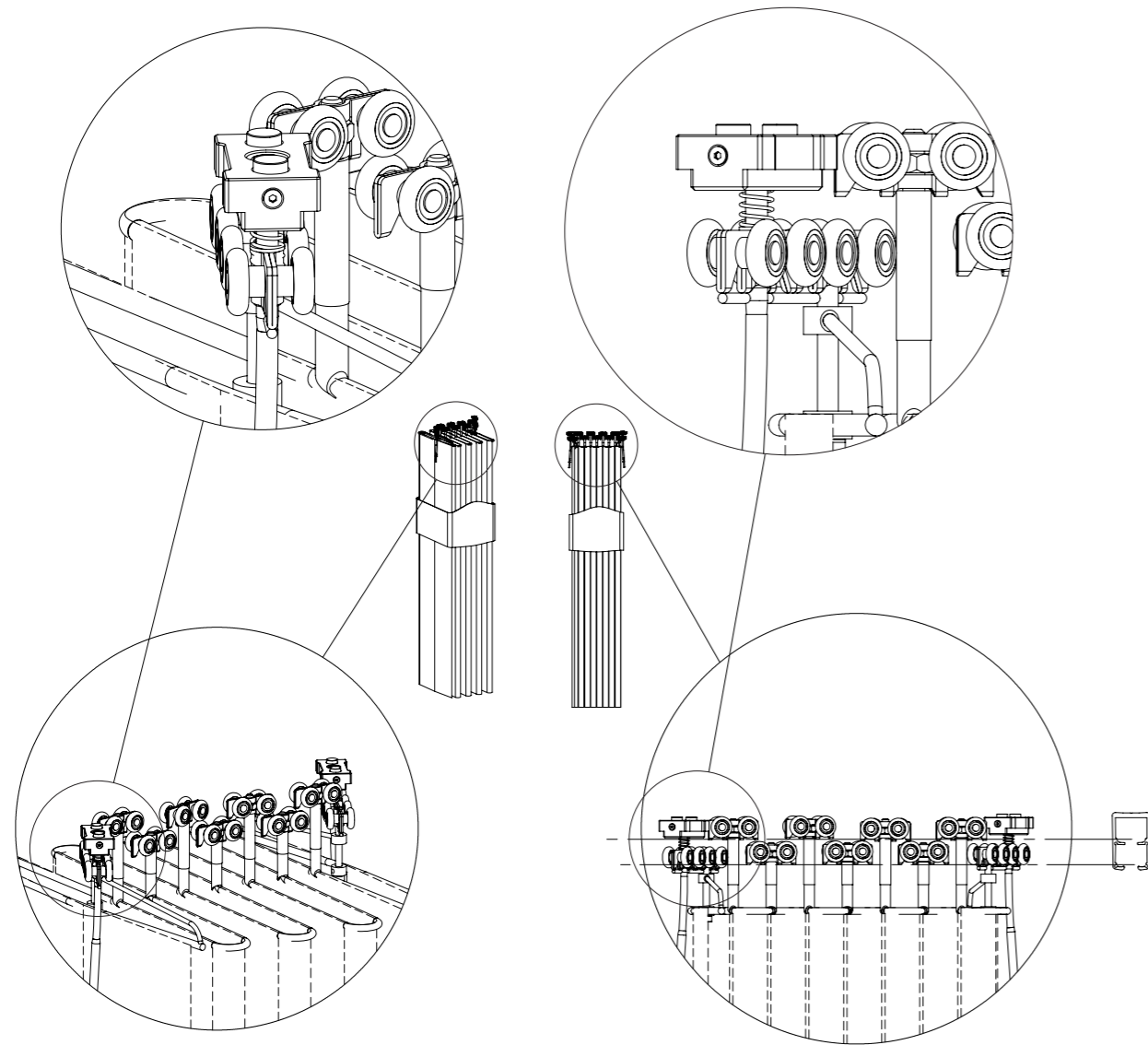
- Ensure vertical mounted low profile track is set to a minimum of 50mm down from the underside of the top track
- Ensure vertical mounted low profile track (LPT) is set at a maximum of 10mm from the finished floor level
- Low profile track may be supplied oversize. Cut to length on site if required
- Screw fix vertical track to wall. Ensure track is screw fixed at 50mm from ends and at the pre-drilled locations every 200mm.



Note: Screen should finish approx. 10-25mm above finish floor. The screen has been manufactured to the supplied finish height.

12. Brake Installation

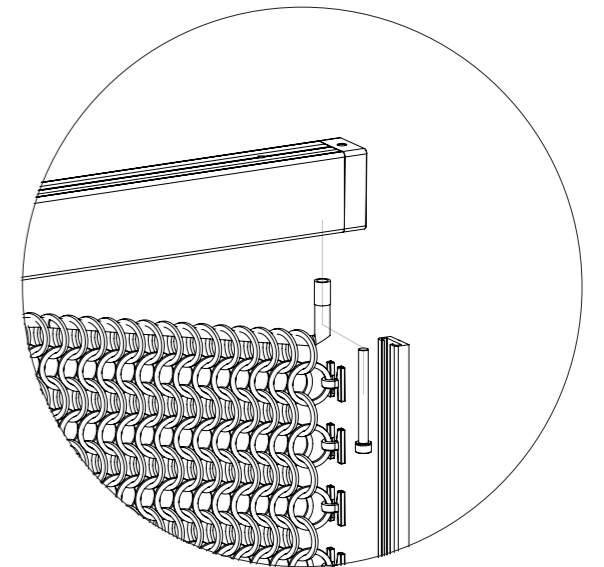
1. The operating wand handle of the screen has a spring operated braking component above the castor set. The operating wand handle fixes to a flexible attachment point
2. To install brake component: ensure castor set goes in lower track section and brake component goes in upper track section
3. If you have a dual directional or non-fixed end screen, you will have this setup at both ends of the screen. Ensure both sets are installed as per above
4. The wand castor set must go in the track last. If it does not then the armature may flip the wrong way during operation.
5. Once the mesh screen is correctly installed attach the operating wand to the flexible attachment point.



13. Fixed End Armature Installation

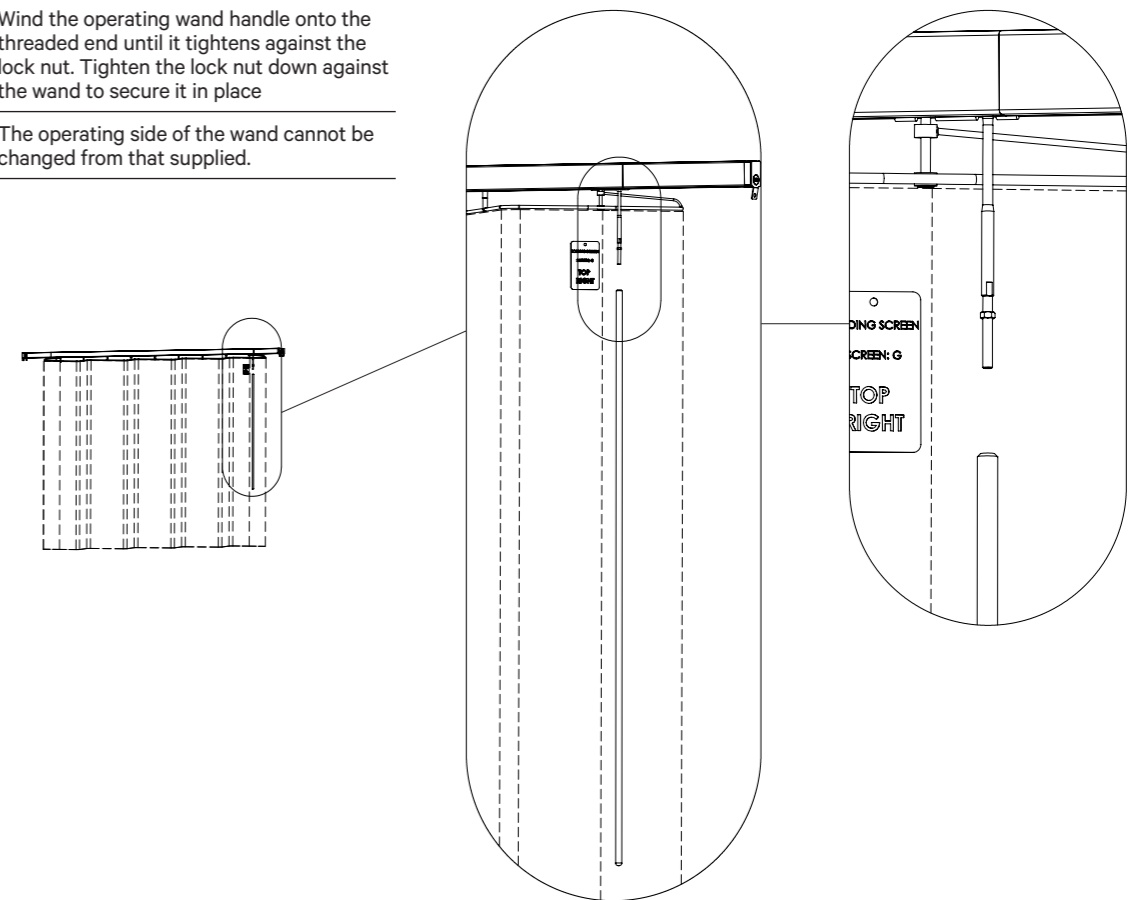
1. Attach fixed end armature into track end block with fixings supplied.

Note: applies to fixed end screens only.



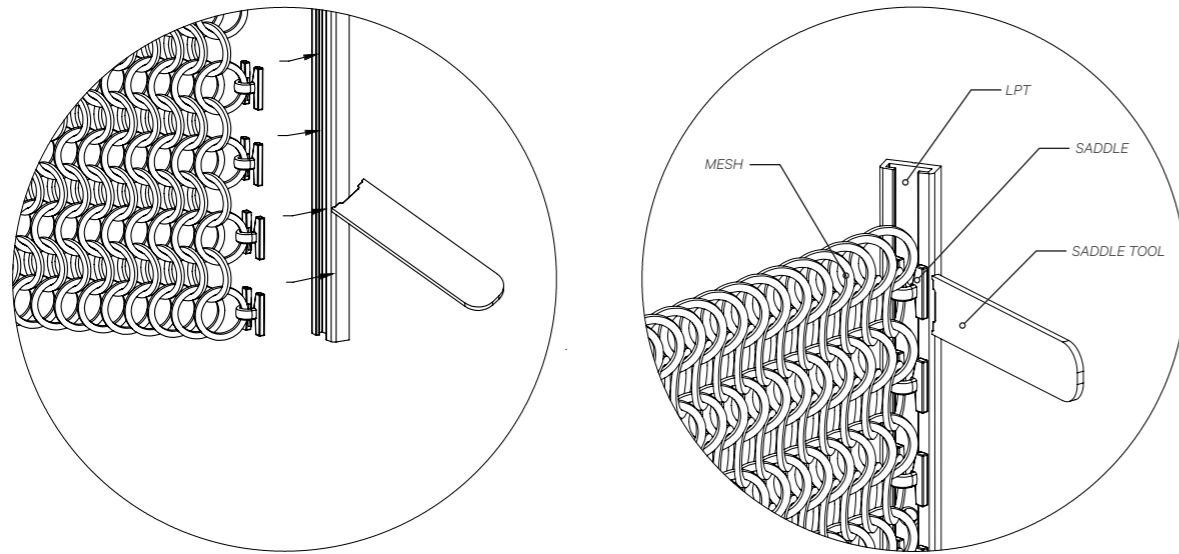
14. Wand Installation

1. Wind the operating wand handle onto the threaded end until it tightens against the lock nut. Tighten the lock nut down against the wand to secure it in place
2. The operating side of the wand cannot be changed from that supplied.



15. Mesh saddle installation

1. The fixed end of mesh clips into the vertical track using the supplied saddles. Saddles are typically pre-installed on the mesh.
2. Clip in the saddles using the supplied saddle tool. Insert one leg into edge of track and press other leg into track firmly.
3. Start saddle installation from the top and work down the screen.
4. Note saddles are only used on every second row of mesh.



16. Quality Control and Checks

1. Ensure all track sections are flush and track is level
2. Ensure all screw heads through the track are countersunk and do not protrude into the brake block travel path
3. Check all castors are running smoothly without bumping or dragging in the track
4. Ensure the screen brake is holding and releasing correctly
5. Check mesh bottom edge line is consistent when fully opened
6. Check all top armatures fold correctly and are not twisting during use
7. Check all saddles are clipped in to vertical edge track (if applicable)
8. After final inspection remove all tags and labels (except for operating labels)
9. Recycle all packaging materials appropriately
10. Ensure operating and warranty documentation remains with the screen and is supplied to the customer.