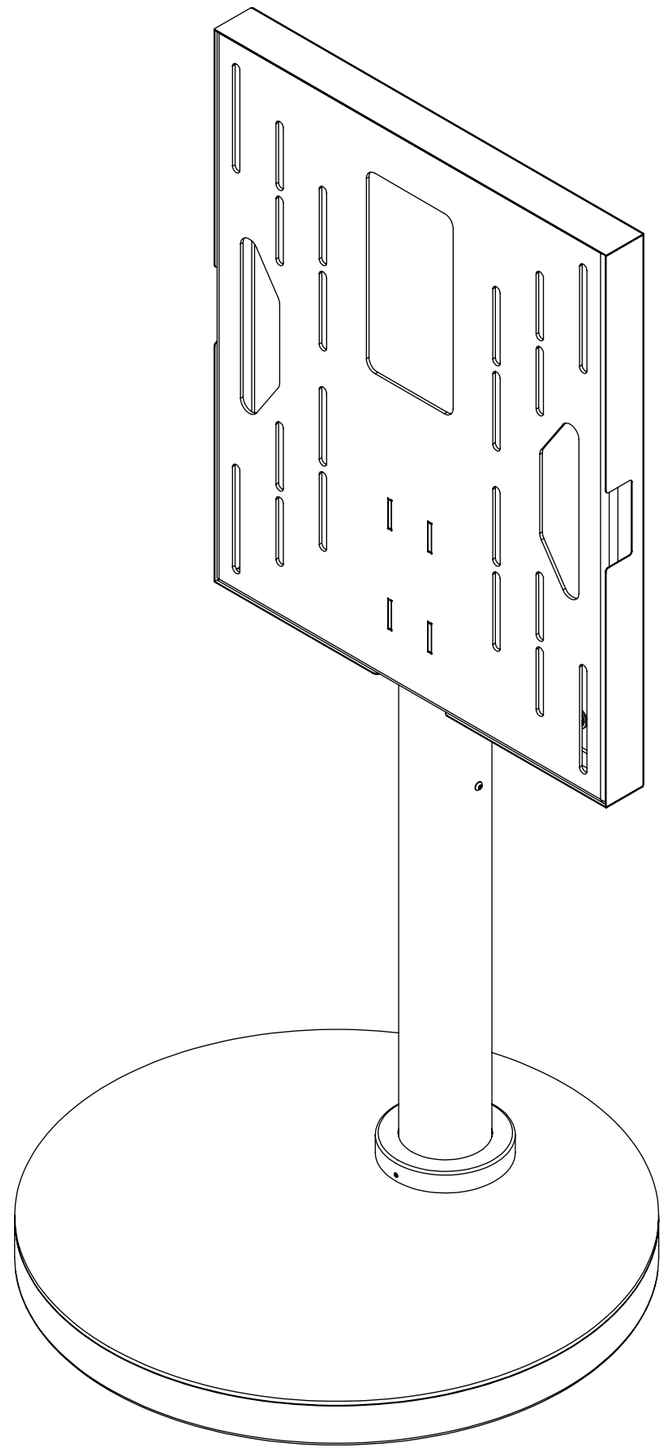


WARNING

It is the responsibility of the installer to warn all potential end users of the dangers of interfering with mechanisms during operation

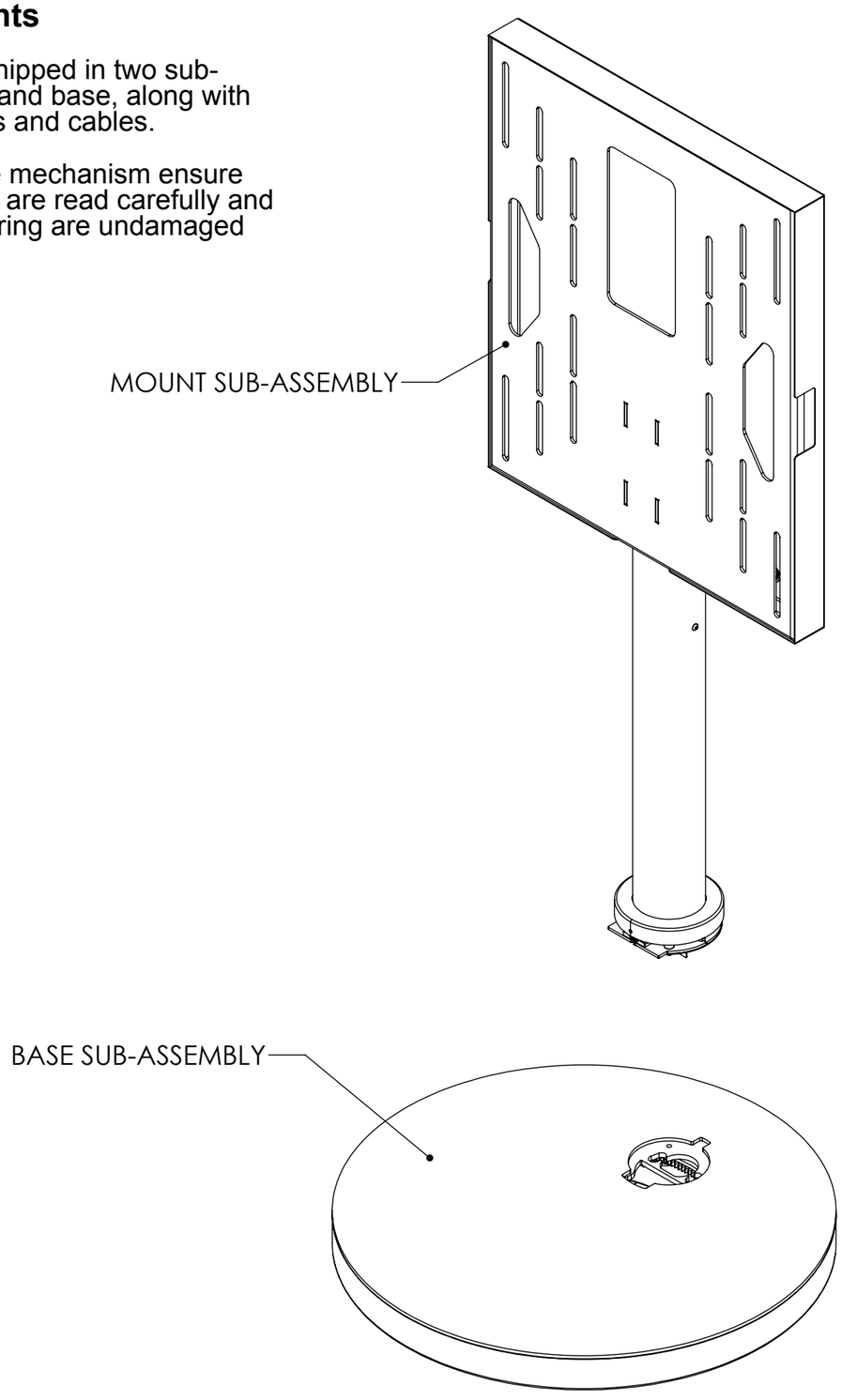
IMPORTANT

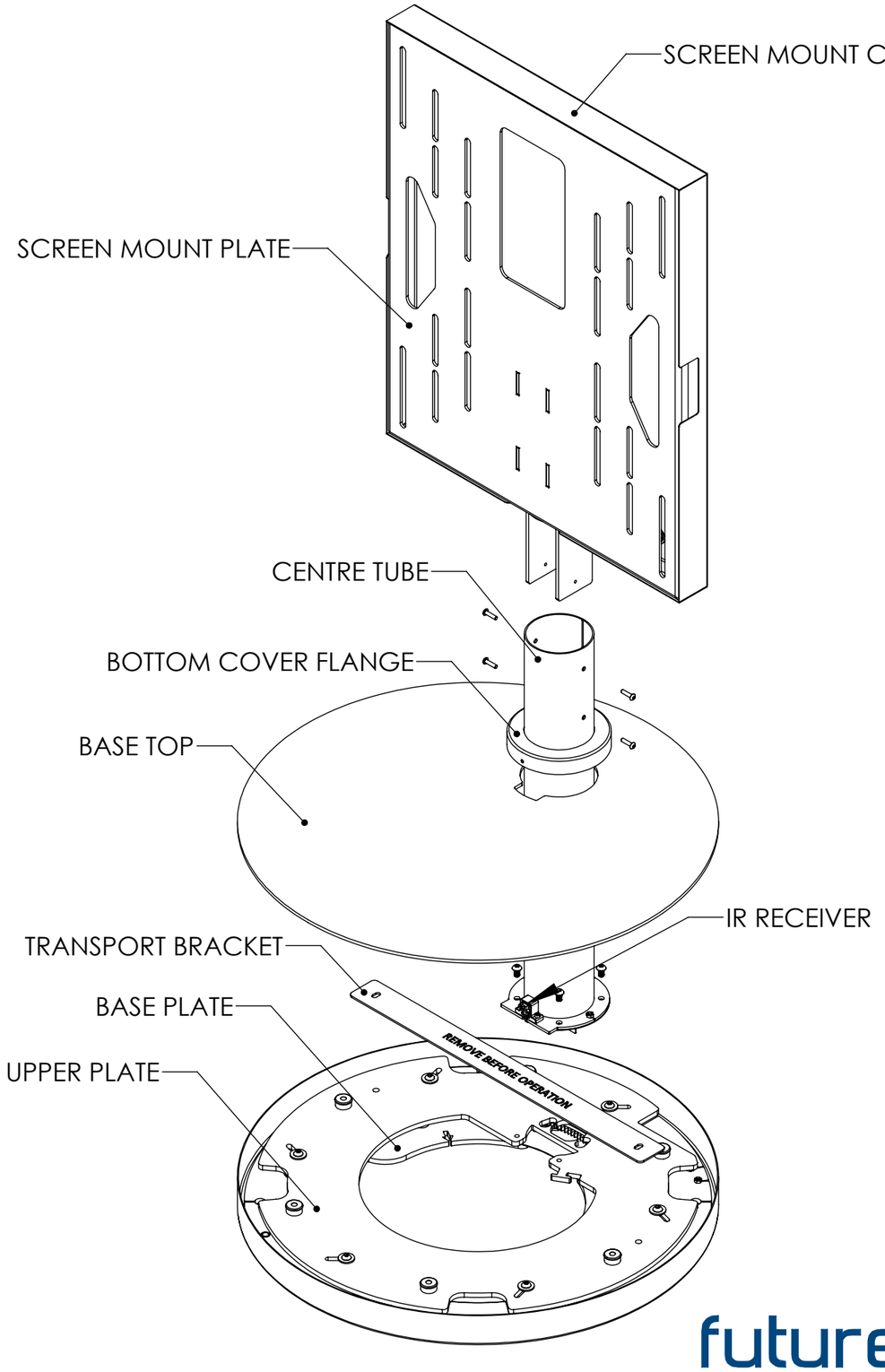
Mechanisms which lift or move weights need to be checked on a yearly basis for any damage which may result in an accident

Package Contents

Each FME will be shipped in two sub-assemblies; mount and base, along with all necessary fixings and cables.

Before installing the mechanism ensure that the instructions are read carefully and that all parts and wiring are undamaged and secure.





Mechanism Positioning

The FME enables a screen to be rotated up to 60˚ in both directions from center.

Software allows intermediate positions to be learnt and selected using the IR remote.

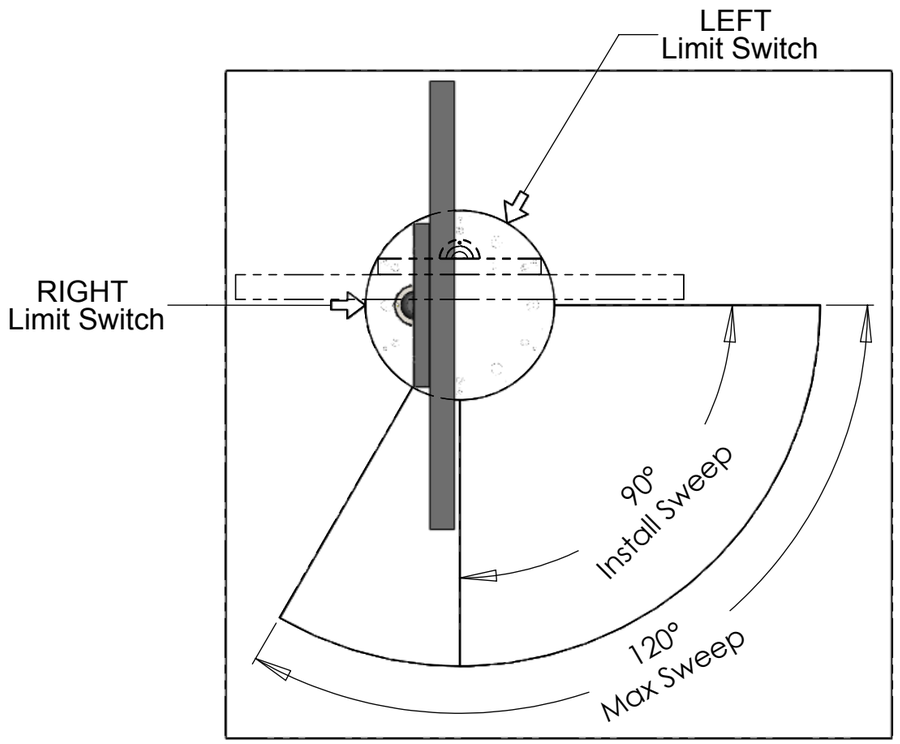
! IMPORTANT !

In installations where the full 120˚ of travel is not required or possible it is important that the RIGHT end switche can be seen to ensure accurate and consistent positioning of the mechanism.

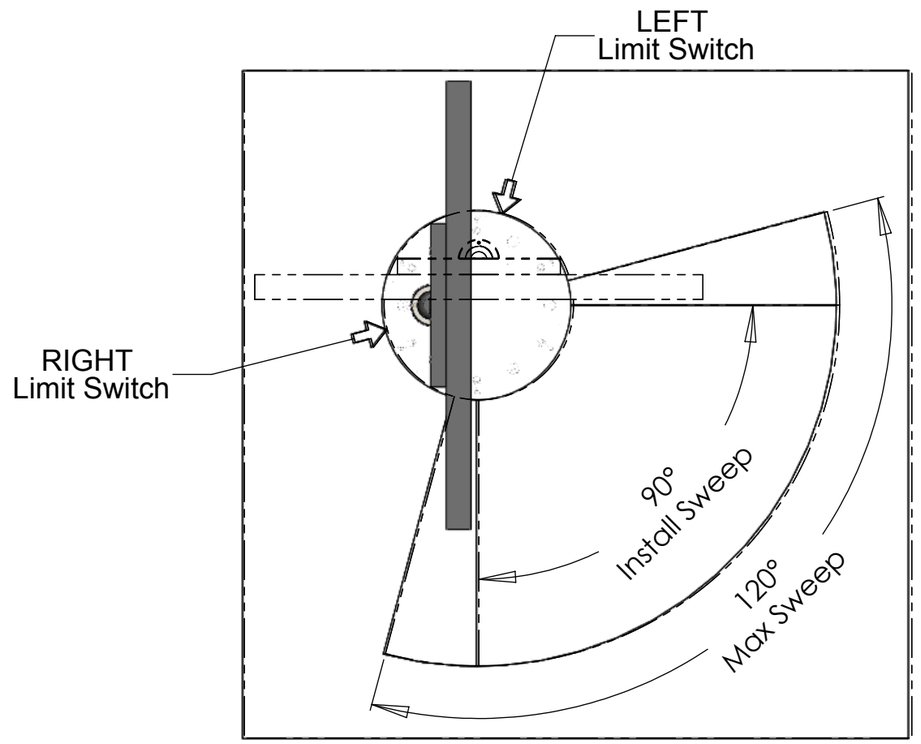
If there are obstructions that prevent the mechanism being able to rotate 120˚ the RIGHT limit switch must be positioned within the installation sweep angle.

A new LEFT limit position can be set using the IR remote (see Page 4).

CORRECT INSTALLATION



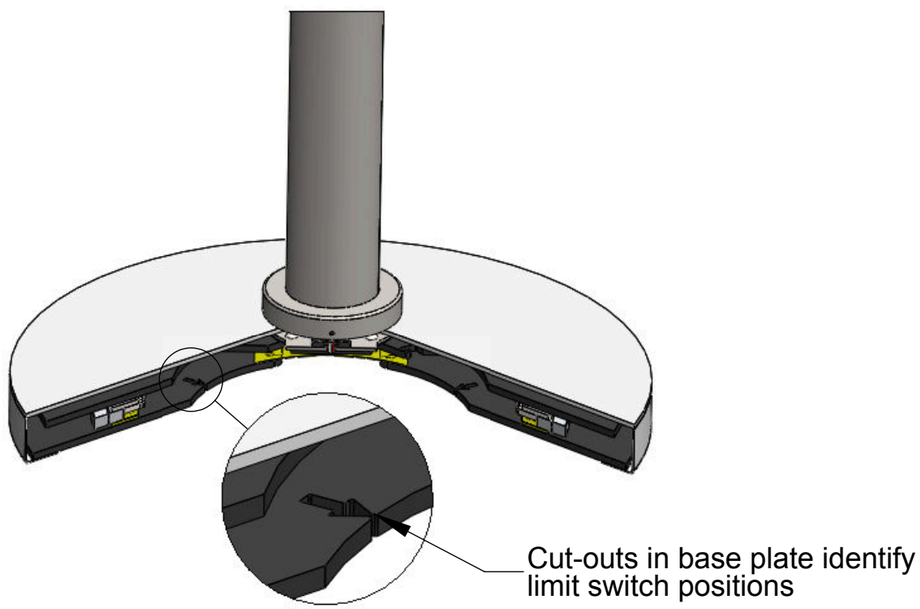
INCORRECT INSTALLATION



Arrow cut-outs in the base plate show each limit switch position, these should be used when positioning the mechanism.

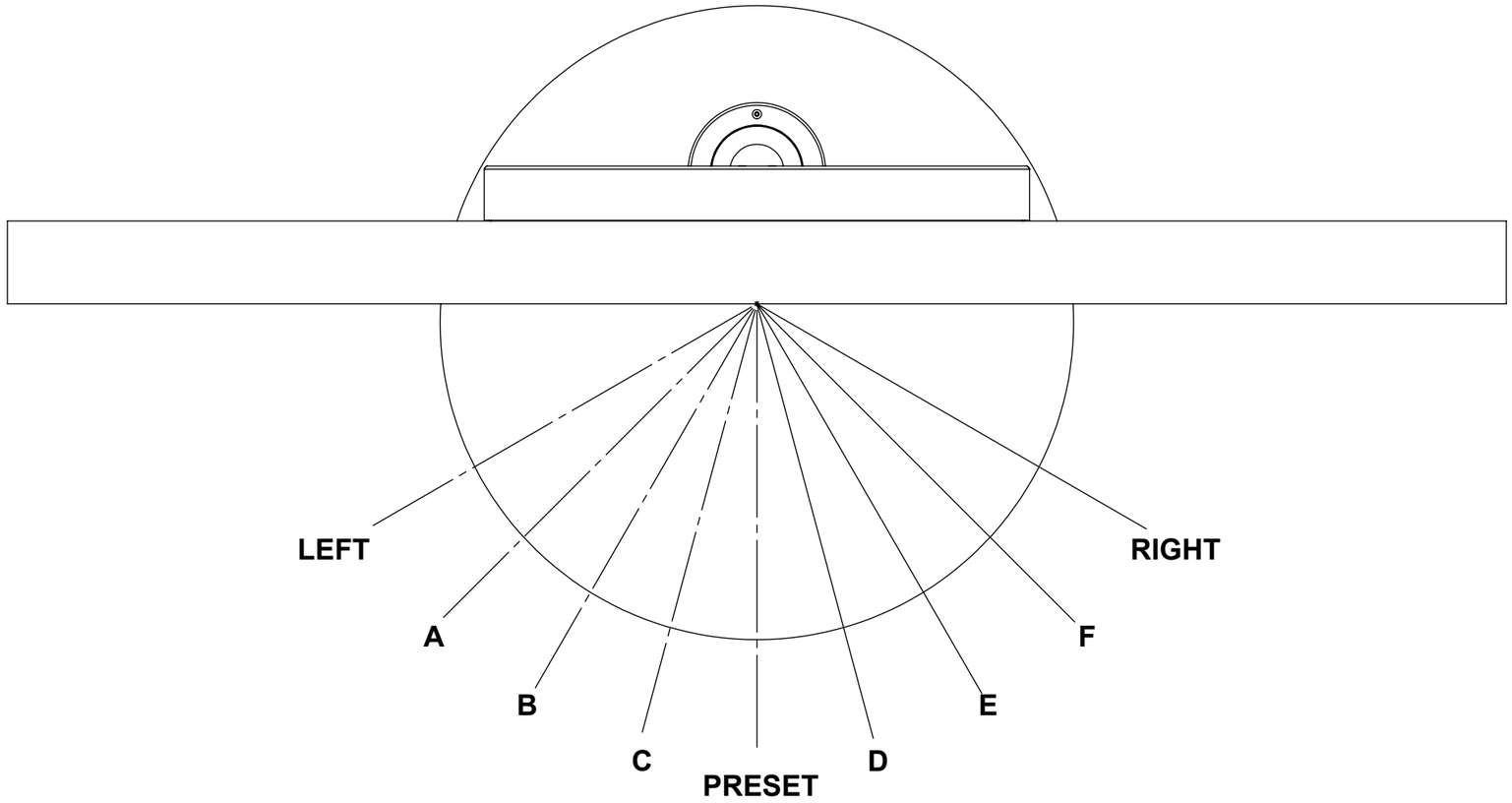
The installation sweep angle shares an end point with the maximum sweep angle, allowing the RIGHT limit switch to be seen.

The installation sweep angle works within the maximum sweep angle so neither limit switch can be seen during normal operation.



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Mechanism Control



PRESET POSITIONS

Preset positions become active once the mechanism has travelled fully LEFT and fully RIGHT or a maximum LEFT limit is set.

To adjust presets press STOP in the desired position then STORE and you'll have a 2 sec window to press PRESET or buttons A-F to save that position to that particular button.

If the power is cut while the mechanism is moving its position will need to be re-referenced (see Mechanism Reset).

Until referenced, the mechanism will not be able to access stored positions and will only be able to move right in short pulses.

SETTING LEFT LIMIT

If the full 120° travel cannot be used because of physical obstructions the LEFT limit can be programmed by stopping the mechanism at the desired position and pressing STORE then LEFT.

This limit can be cleared by pressing STORE then STOP then LEFT.

If the LEFT limit is set by the installer the preset positions will be equally spaced between this new travel sweep.

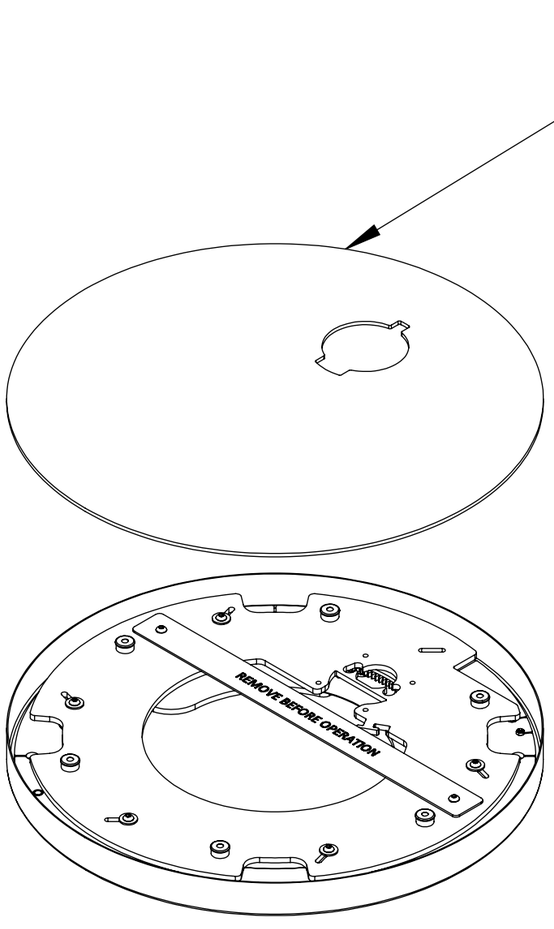
MECHANISM RESET

If the mechanism does not see one of the limit switches for a long period of time its position counting may lose accuracy.

To re-reference the position counting simply send the mechanism to the RIGHT position.

If the full 120° sweep is not being used the mechanism must be able to be sent to the RIGHT limit (see Page 3 for details).

Installation



1.

Remove Base Top from Base sub-assembly.

2.

Remove 4 x M4 bolts from Center Tube and lift off screen mount.

3.

Mount the Center Tube to the Base Top Plate using 4 x M6x12 bolts supplied.

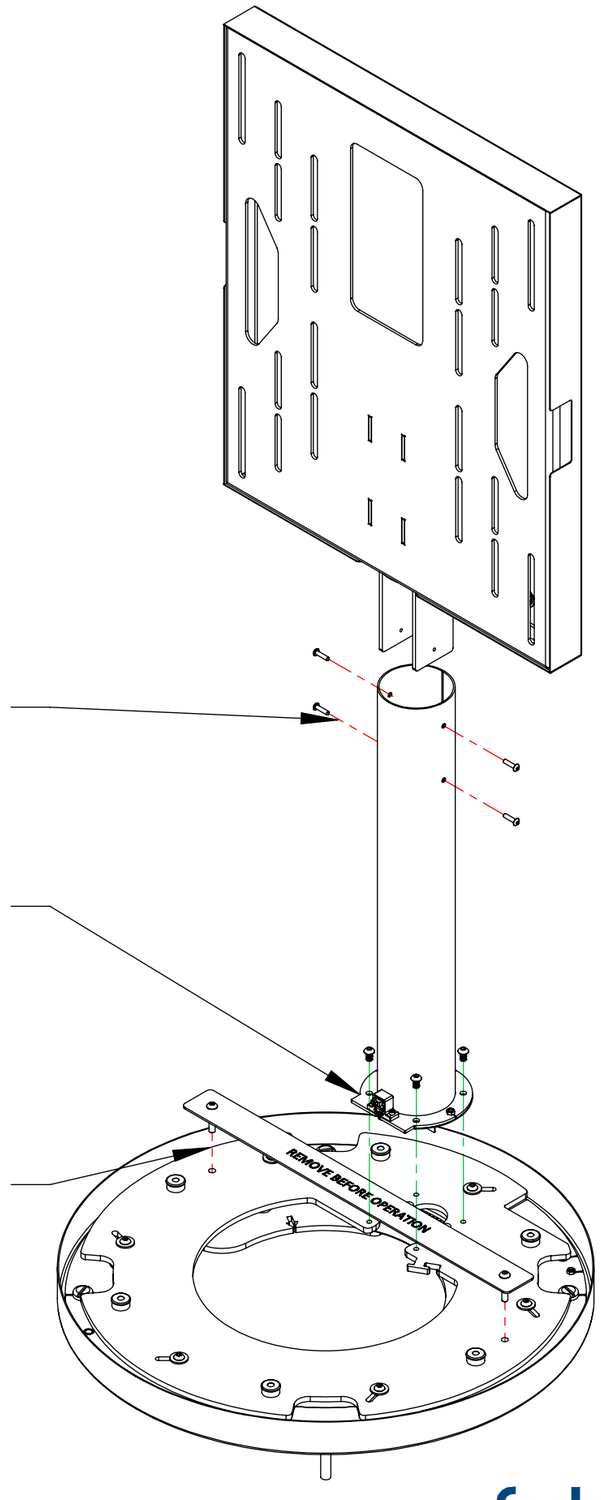
Note: The tube must be orientated so that the IR receiver is facing in the direction shown.

4.

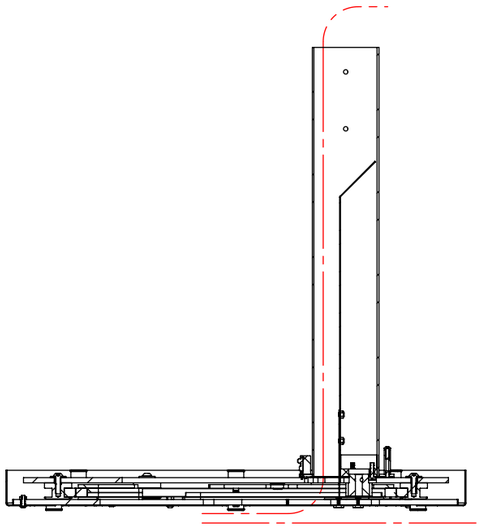
Remove the red Transport Bracket from the base.

! IMPORTANT !

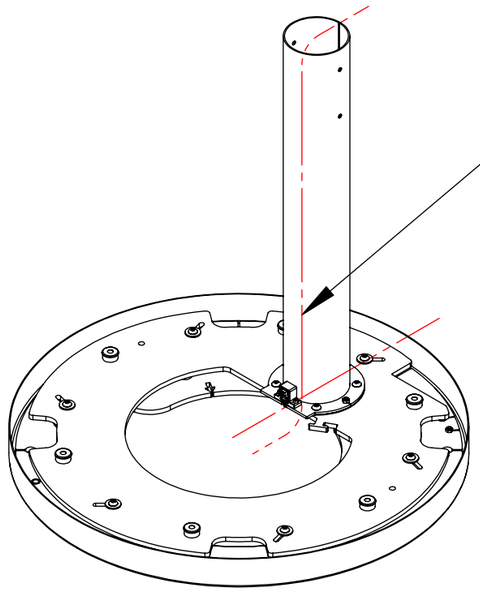
This must be removed before operating the mechanism.



Installation



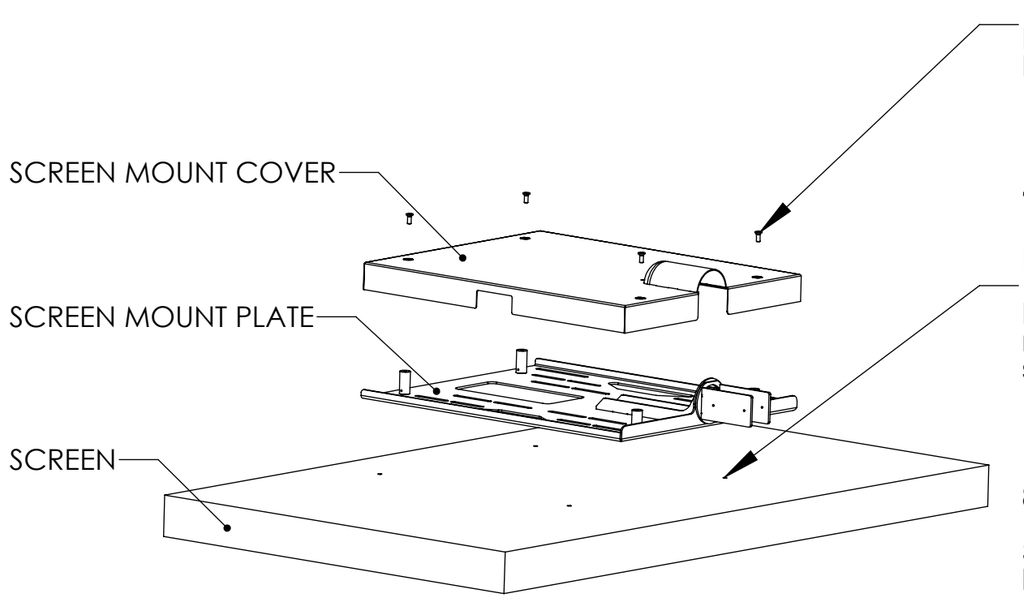
SIDE ELEVATION



5.

Run screen cables up Center Tube.

Screen and power cables can terminate in the center of the mechanism or run out underneath to another location.



6.

Remove Cover from Screen Mount by releasing 4 x M6 CSK bolts.

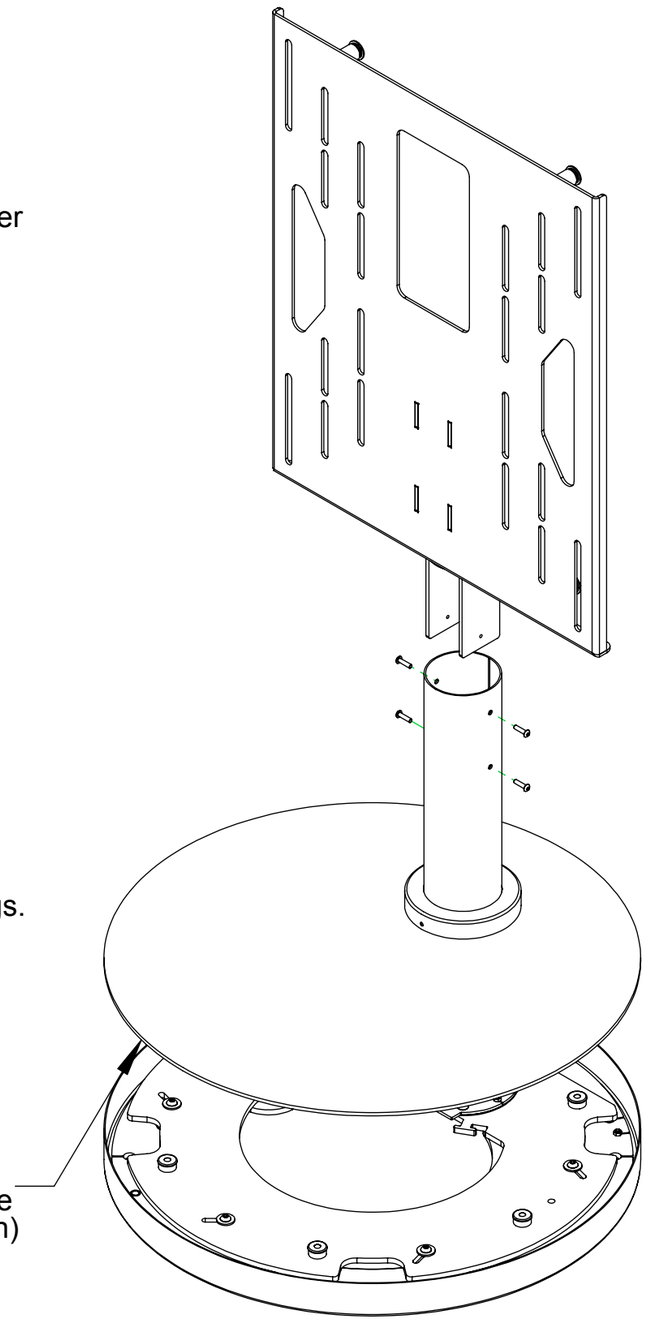
7.

Fix screen to Screen Mount using appropriate fixings.

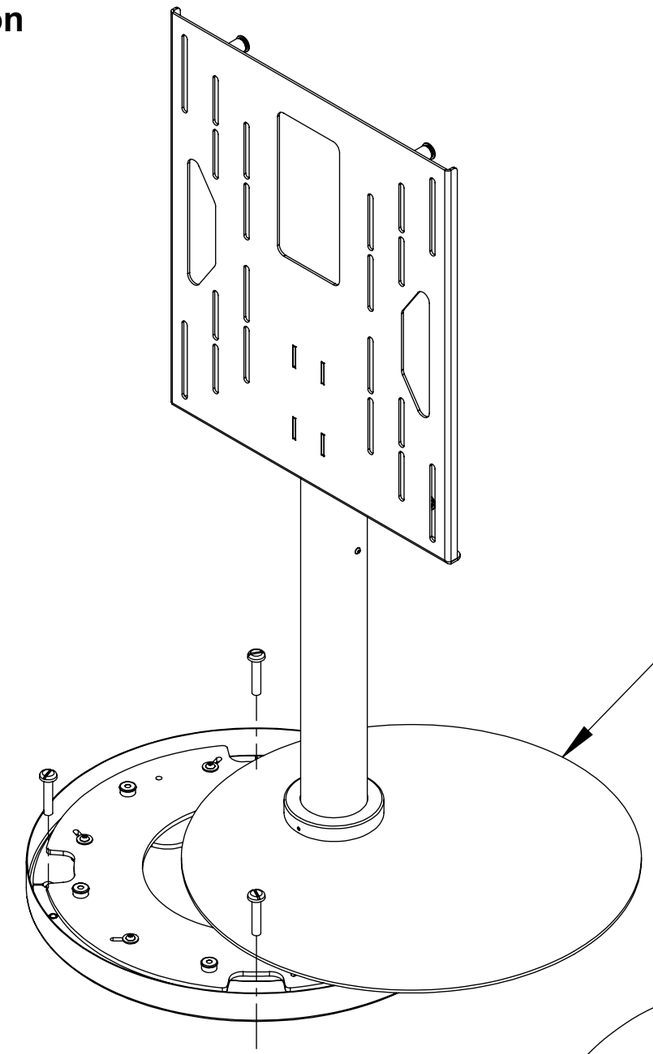
Note: Spacers may be required if the screen mounting holes are recessed or if the back of the screen is not flat.

8.

Slide Base Top and Bottom Cover over Center Tube before remounting Screen Mount (screen not shown)



Installation



9.

Power mechanism to the RIGHT position and position the base so that all criteria mentioned on **Page 3** are satisfied.

10.

Return mechanism to its central position, rotate base top as shown and fix to the floor through 4 x ∅ 12mm fixing holes.

11.

Make any adjustments to the vertical position of the TV and remount Back Cover.

