

Fitting Instructions
for YewdaleDefiant[®] SkyShelf



Fitting Instructions

YewdaleDefiant[®] SkyShelf

(C56T & C57T)

Part no: 1051

yewdale.co.uk

SKYSHELF FIXING STRIP

Yewdale's SkyShelf is the perfect installation partner for the YewdaleDefiant® C56T or C57T overhead blind. It has been developed with the installer in mind, making it easier to ensure the blind is installed squarely within a recess.

Many ceiling recesses are not perfectly square. If an overhead blind is installed in an out-of-square recess, strain is put on different parts of the blind, potentially causing issues with the fabric and excessive tension on various parts of the system.

It can also cause the fabric to be pulled from the side channels, making the blind look unsightly and potentially causing unnecessary wear, damage and jamming. In all, a ceiling window's recess can cause a lot of issues to an overhead blind installation if it isn't square.

The Yewdale SkyShelf fits to the recess walls, providing a platform for the blind to be attached to. The blind is then able to be positioned so that it sits squarely, avoiding excess strain on the fabric.

Note : All SkyShelf fixing strips are supplied oversized and will need to be cut to fit the recess on site.



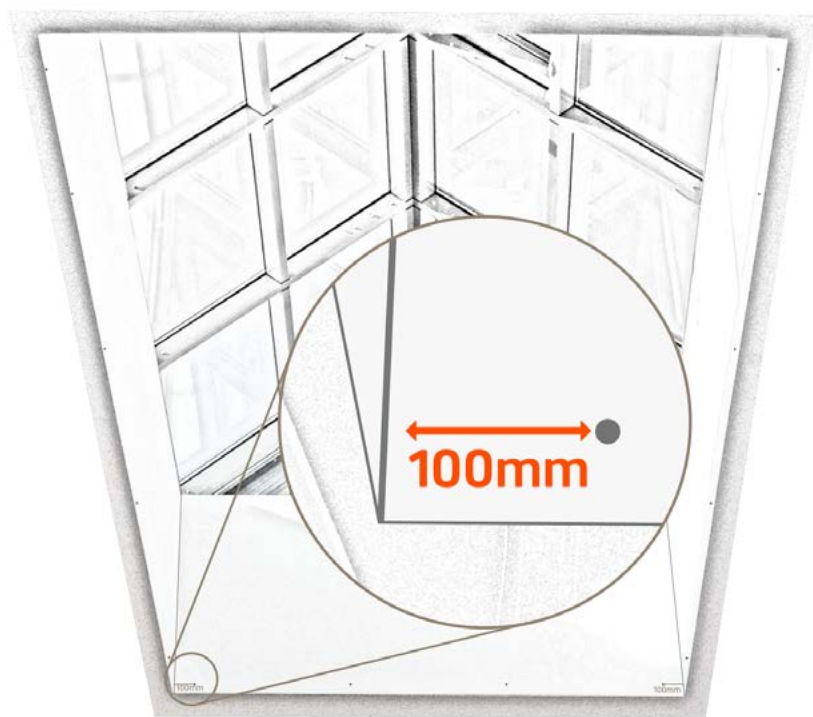


Step 1 - Mark & Drill

Drill and countersink holes in both headbox shelves, 100mm from each corner. Measure the gap between the drill holes at either end, and ensure that the drill holes are made at least every metre.

Drill holes in the recess wall, ready for suitable fixings for the shelves.

Note: Ensure there is adequate spacing between the final shelf position and the window to allow the headbox to be fitted and the cover to close.



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Step 2 - Headbox Shelf (Screw into wall)

Attach the headbox shelf that will hold the headbox with the constant tension springs (CTS) inside to the recess.

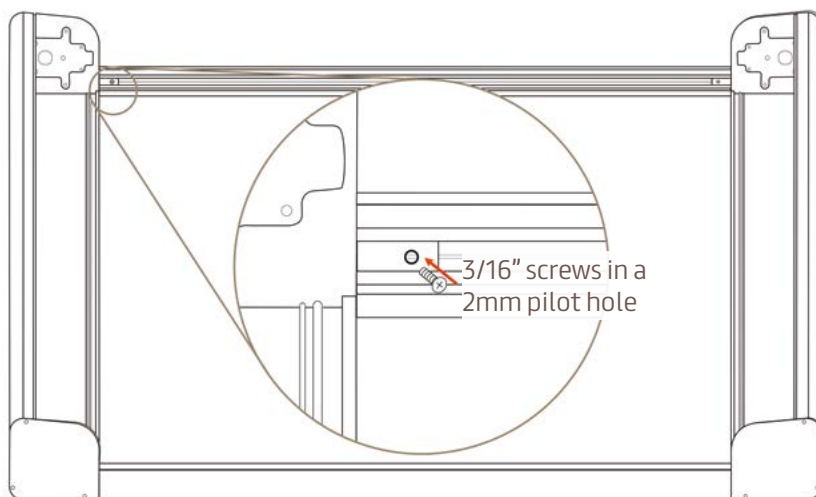




Step 3 - Assemble Frame

On a level surface (such as the floor), assemble the frame of the overhead unit. Both headboxes and side channels only, leaving the barrel with fabric to one side. If headbox covers are in place remove them by removing the safety screws from either end.

Use the supplied 3/16" screws to secure the headboxes to the side channels through the lug. To fix the side channel to the headbox end plate lug, drill a 2mm hole through the outside of the side channel. The position for the hole can be marked for drilling by offering up the side channel to the lug of the end plate.



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Step 4 - Overhead Unit Held Up (Hold unit up and support on shelf)

Lift the frame resting the CTS end onto the fixed shelf. With the headbox securely resting on the shelf, lift the opposite headbox up into the recess to allow you space to fix the second headbox shelf. The framed unit should now be able to sit securely between the two headbox SkyShelves.

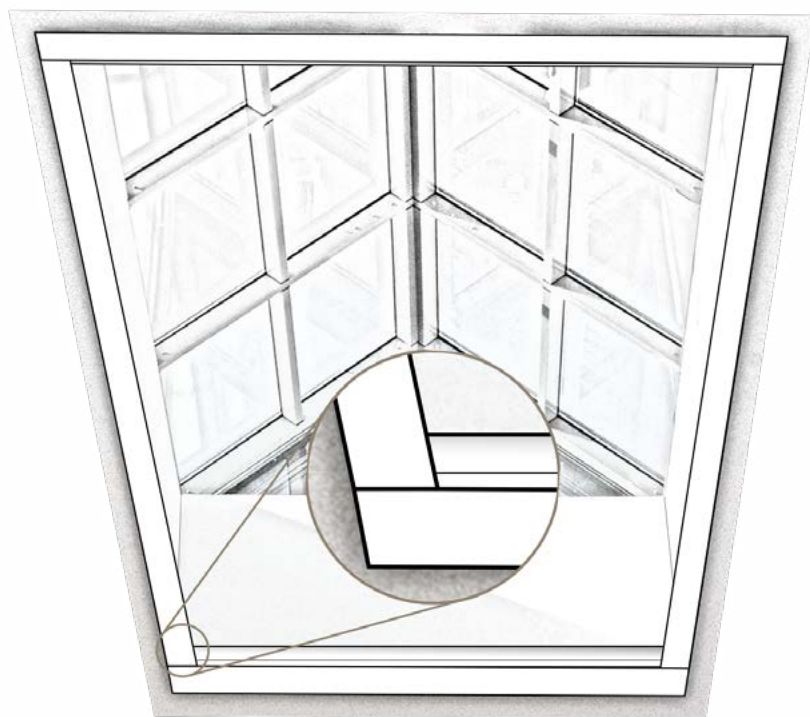
NB. This requires two persons to install safely.





Step 5 - Screw remaining shelves into place

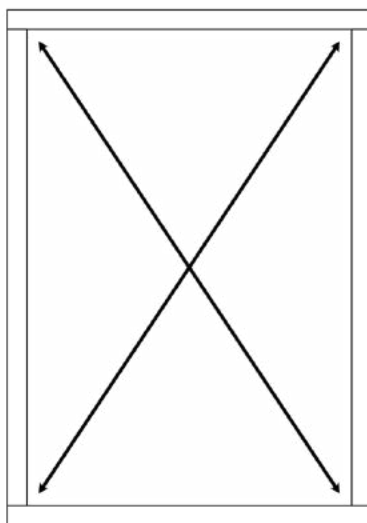
Measure and cut the side shelves to size to ensure they fit tight to the headbox shelf. Drill and counter sink holes along the side shelves and fix to the side recess ensuring the shelves are flush and level with the headbox SkyShelves. Take care not to damage the side channels when fixing the side SkyShelves.



Step 6 - Important - Diagonal Measurements

To ensure the blind is sitting square within the recess, measure diagonally from the inside corner where the side channels join the headboxes.

The two diagonal lengths should equal each other. If they aren't equal then the unit isn't sitting squarely. Starting with the CTS headbox, either slide the headbox to the left or right or rotate the headbox to a position that the diagonal measurements are equal. Secure this headbox to the recess wall (you may require packers to ensure the headbox is secured correctly). From the control headbox, measure the diagonals, again making any adjustments to the positioning of the headbox to ensure that the diagonal lengths are equal. Once positioned correctly fix to recess wall.



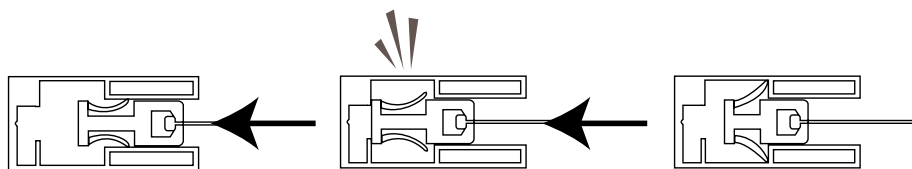
Diagonals
must be
equal

There should be no need to fix the side channels to either the side SkyShelf or recess wall as they will be held in place under tension.

NB. To operate correctly, the blind MUST be fixed level across the width.



7. Insert the barrel and fabric into the head box, making sure the fabric rolls from the bottom of the barrel.
8. If it is electric control, drill an exit hole for the electric cable and insert the fabric and barrel into the head box, feeding the supply cable through and refer to motor instructions for setting limit stops.
9. If it is crank control, insert the fabric and barrel into the headbox, making sure the blind locates securely within the crank mechanism.
10. Feed the PVC insert up into the side channel (with the fluted end towards the fabric head box) making sure the zip locates within the insert.
11. Push the PVC insert home within the side channel making sure the fins are braced against the interior of the side channel.



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12. Making sure the CTS boxes are in position (they can be slid left/right if needed) so that the tension cord is in line with the anchor points at each end of the bottom bar, release sufficient cord from the CTS to allow you to attach it onto the bottom bar (you will need to use a small screwdriver or similar through the metal loop to pull the cord from CTS box as it is under tension). The tension can be locked using any 3-4mm metal shaft such as a hex key or screwdriver inserted into the hole in the side of the CTS box.

CTS Locking Point



- NB. The CTS boxes can be dangerous if not used correctly. Eye protection must be worn at all times.

DO NOT release the cord to allow it to travel back into the CTS unit at speed. It must be fed back into the unit slowly and under careful tension, or damage will occur!



Connect constant tension ring to the hooks on both sides of the bottom bar.



13. Run blind back and forth making sure it operates correctly. When the blind is in a closed position, check the distance from the edge of the zip to the inside of the cheek, both sides need to be equal. Centralise as required by sliding the barrel sleeve across.
14. Attach the cover onto the head box by inserting the cover into the head box groove. Swing to the closed position and apply pressure to click the cover into its home position.
15. Fix cover using the two safety screws previously removed.
16. For programming instructions, please refer to enclosed leaflet.

If PVC insert needs removing for any reason insert the PVC insert removal tool into the PVC insert (approx. 20mm from the bottom).

Twist insert tool by 90 degrees and pull the PVC insert out of the side channel being careful not to disturb any fixings. When the PVC fins are visible, simply remove the insert from the side channel using your hand.

PVC insert removal tool: Part Number 930006 (sold separately)

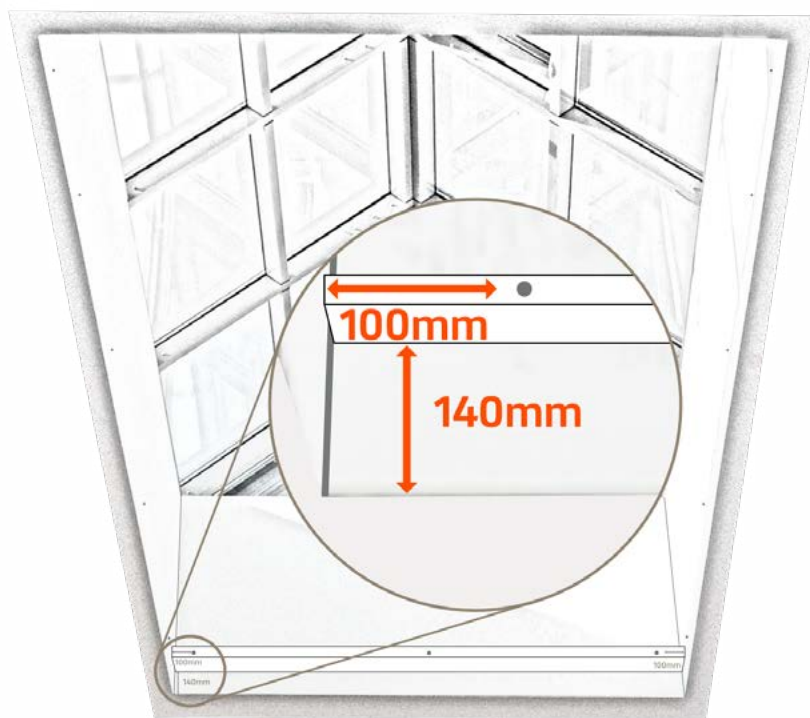


NB. Some rippling may occur at the edges of the fabric and the CTS boxes do make a noise while in operation.

SKYSHELF BOX STRIP

Step 1 - Mark & Drill

Mark and drill 10mm clearance holes along one side of the 19mm side of the SkyShelf Box Strip. The end drill points should be 100mm from either end and then spaced evenly across the length at 1 metre intervals. On the opposite side drill 4mm holes, this will enable you to screw the strip into the recess and fill the first hole with the supplied grommets.





2. Mark and drill the recess so the bottom of the SkyShelf Box Strip is 140mm up from the bottom of the recess for 120mm Headboxes and 125mm for 90mm Headboxes
3. Fix the four sections of the Box Strip to the recess.



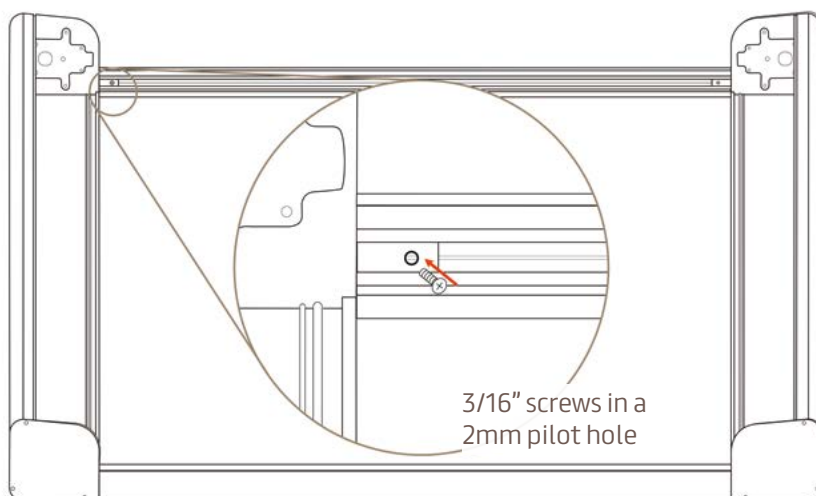
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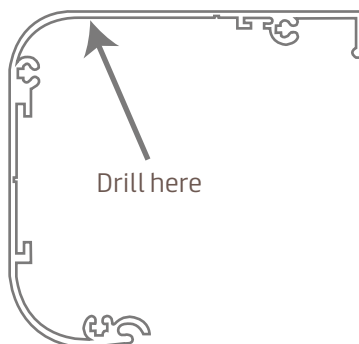
Step 4 - Assemble Frame

On a level surface (such as the floor), assemble the frame of the overhead unit. Both headboxes and side channels only, leaving the barrel with fabric to one side.

Use the supplied 3/16" screws to secure the headboxes to the side channels through the lug. To fix the side channel to the headbox end plate lug, drill a 2mm hole through the outside of the side channel. The position for the hole can be marked for drilling by offering up the side channel to the lug of the end plate.



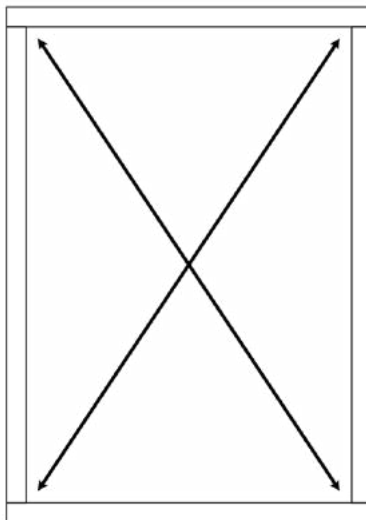
5. Drill a 3.8mm fixing hole in the top of the head box approx 20mm from edge. Fixing holes should be equally spaced and no more than 1m apart to ensure head box is fixed completely level.





6. Lift the complete frame and fix CTS headbox to the underside of the SkyShelf box profile. With the CTS headbox fitted and the control headbox being supported, ensure you fit the blind squarely but measuring diagonally from the inside corners where the side channels join the headboxes.

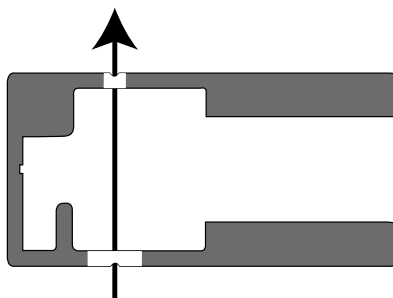
The two diagonal lengths should be equal to each other. If they aren't equal then the unit won't be fitted squarely. Once you are sure that the two diagonal lengths are equal, secure the control headbox to the SkyShelf.



NB. This requires two persons to install safely.

NB. To operate correctly, the blind **MUST** be fixed level across the width.

7. Once both headboxes are securely fitted, fit the side channels. Do this by drilling a 10mm access hole in the front and a 4mm fixing hole in the back using the indents and space these out at 800mm intervals. The 10 mm hole can be filled with the supplied grommet once secured in place. See below:



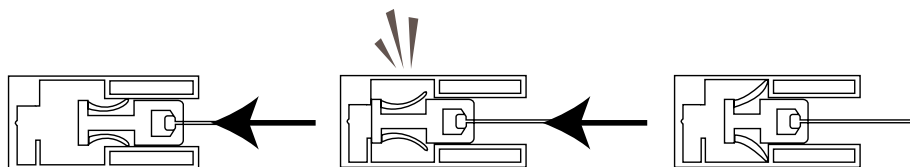
Face Fix

NB. You may wish to pre-drill holes for side channels before blind is lifted into position.

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8. Insert the barrel and fabric into the head box, making sure the fabric rolls from the bottom of the barrel.
9. If it is electric control, drill an exit hole for the electric cable slide outlet grommet onto the motor cable, push the cable through the exit hole and fit the grommet into position. and insert the fabric and barrel into the head box, feeding the supply cable through and refer to motor instructions for setting limit stops.
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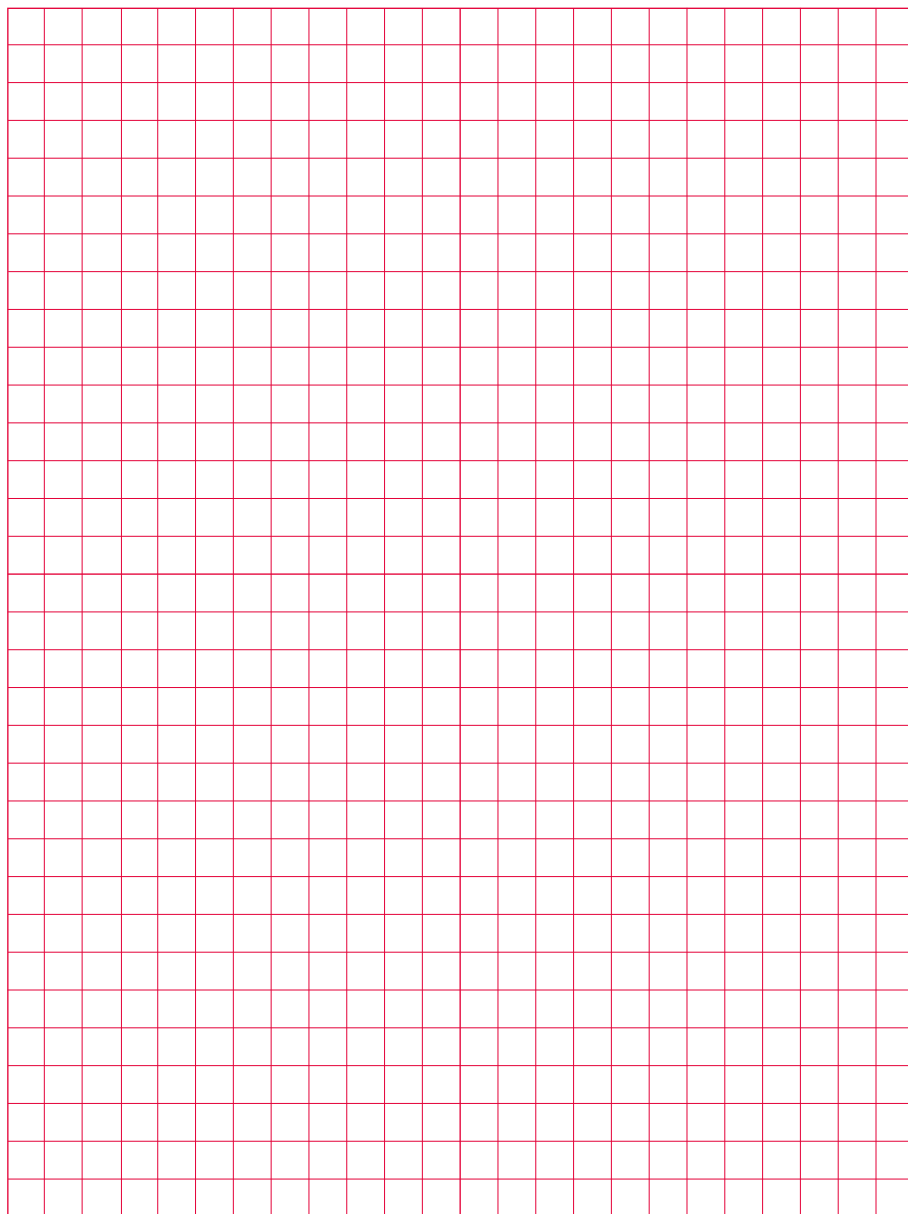
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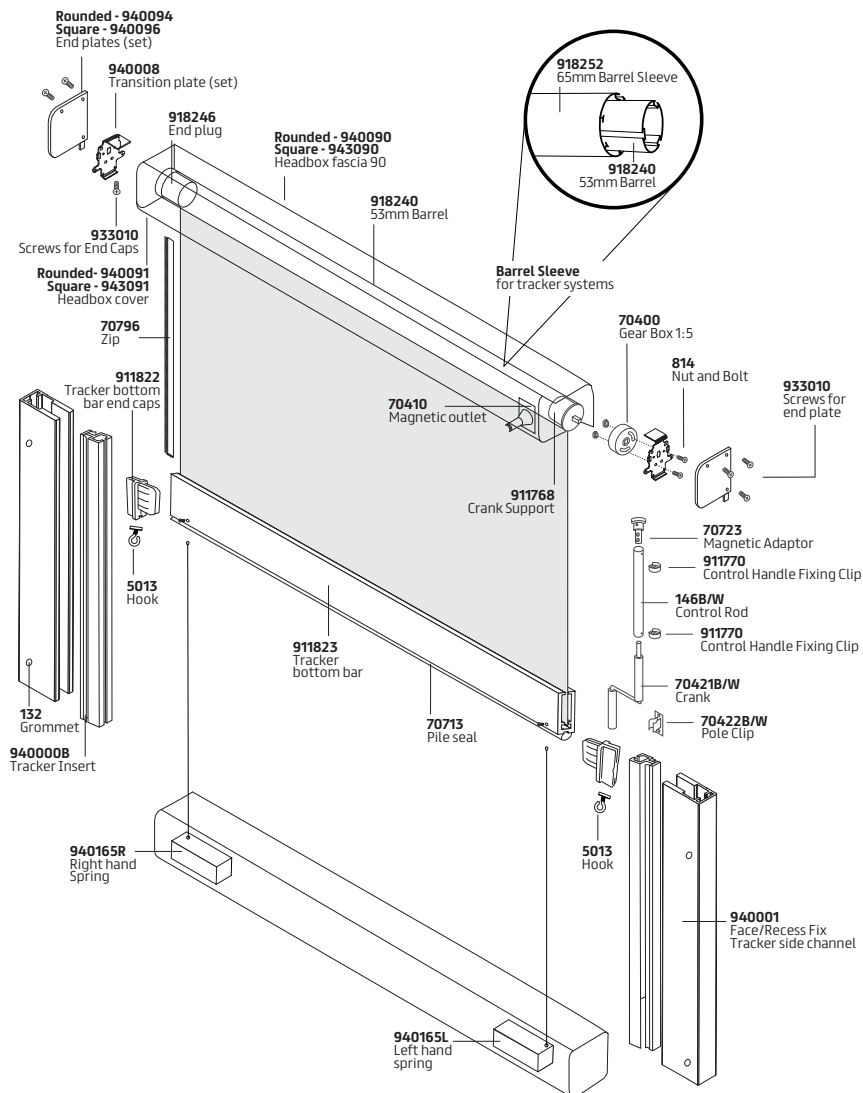
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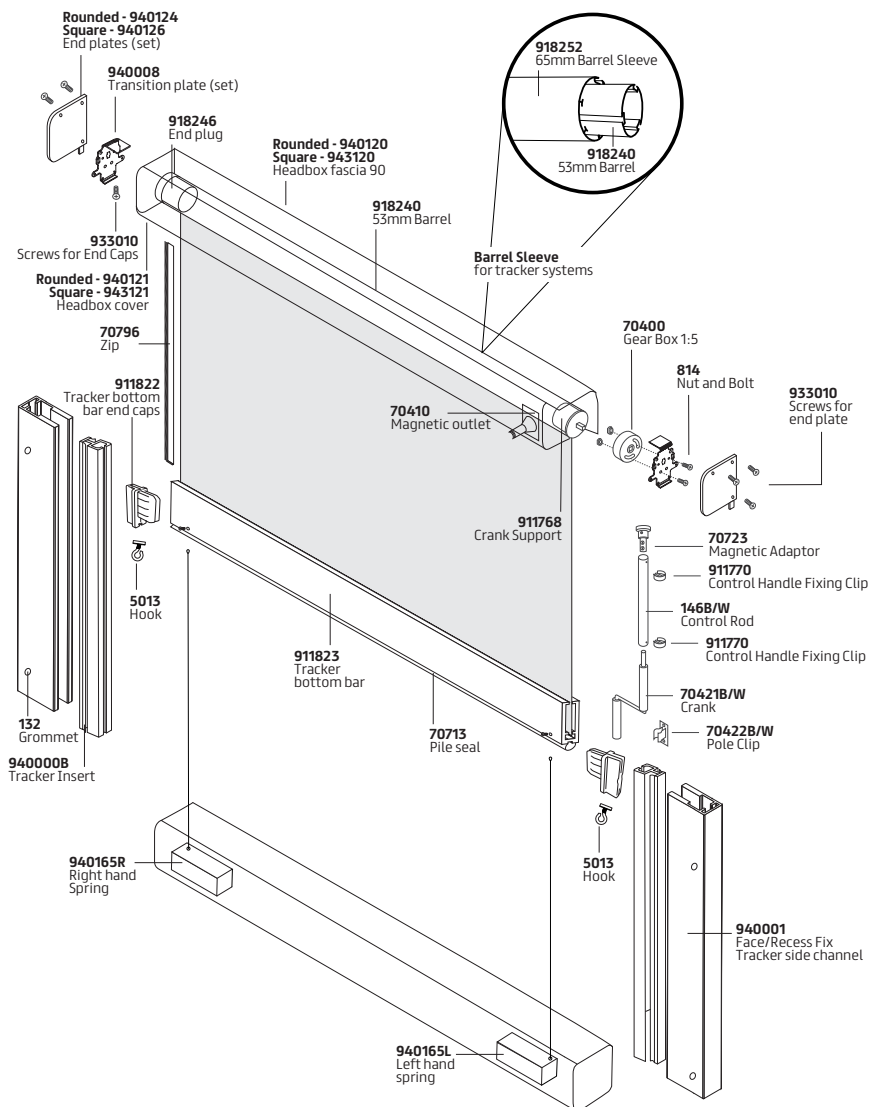
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C56/90T Overhead Crank Control Cassette:



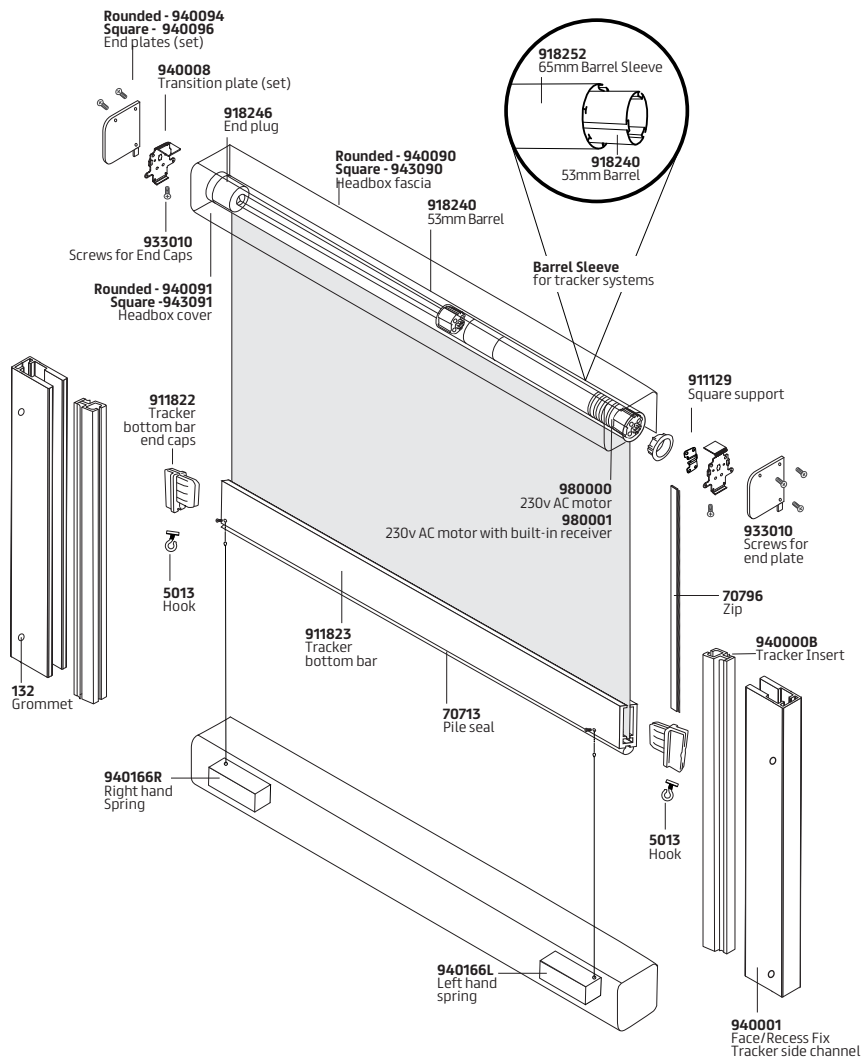
C56/120T Overhead Crank Control Cassette:



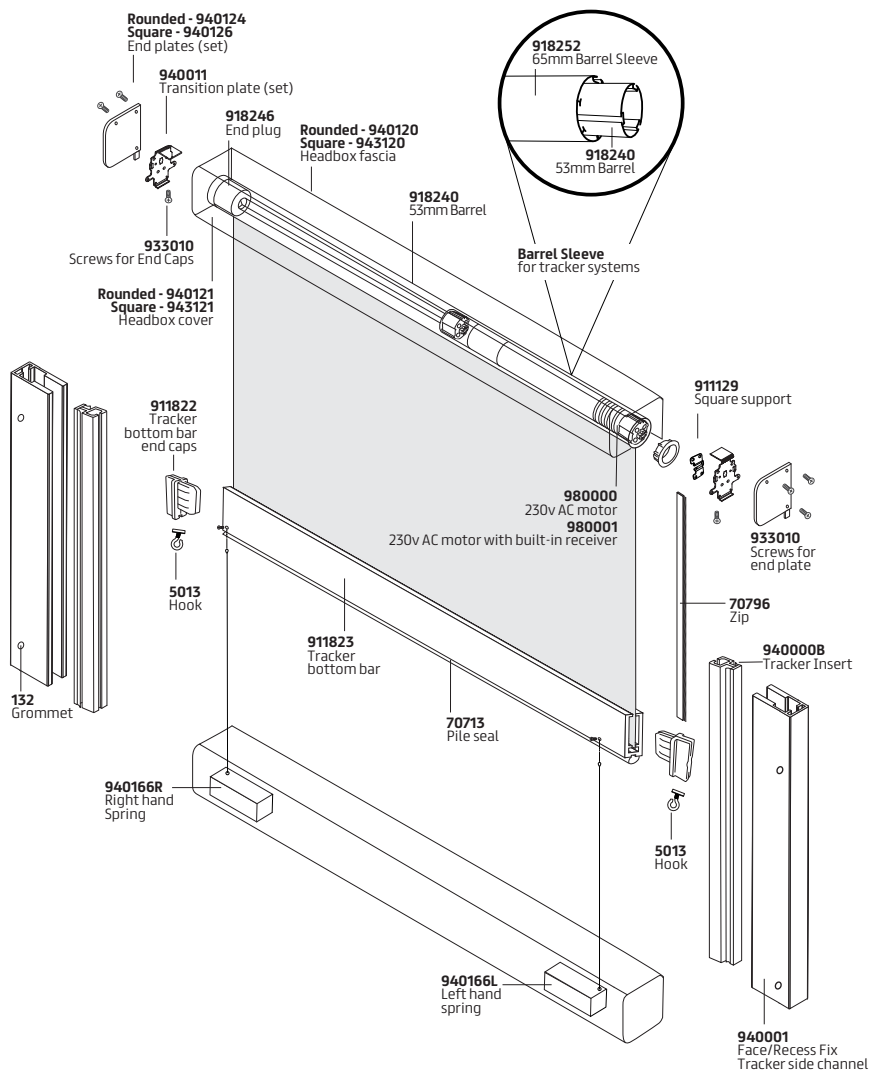
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C57/90T Overhead Electric Control Cassette:



C57/120T Overhead Electric Control Cassette:





Head Office:

Enterprise Way,
Wickford, Essex, SS11 8DH
Call: +44 (0)1268 570900
Email: sales@yewdale.co.uk

London Office & Showroom:

4 Sutton Lane,
London, EC1M 5PU
Call: +44 (0)203 818 5905

For more information on all
Yewdale products, please call
the sales department.



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