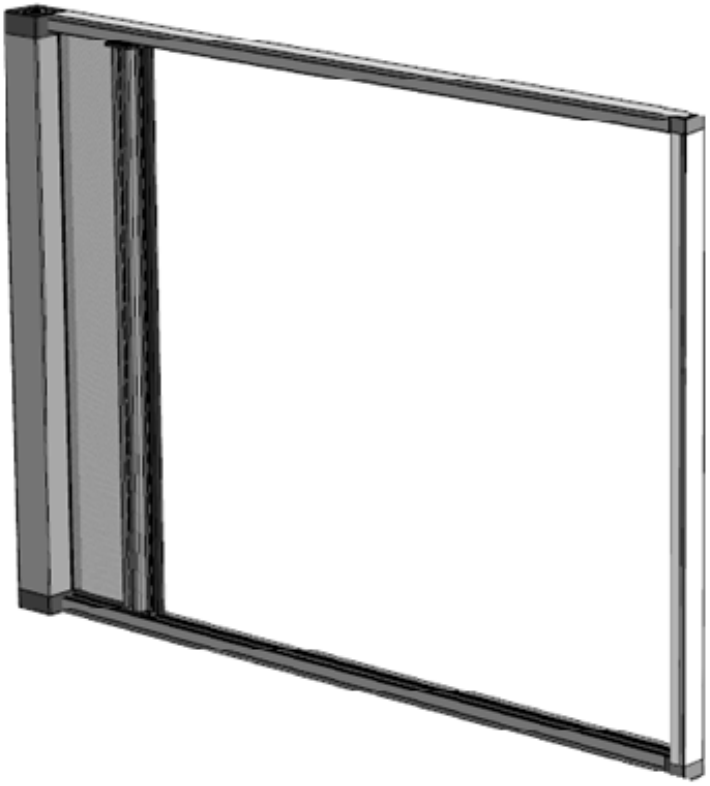
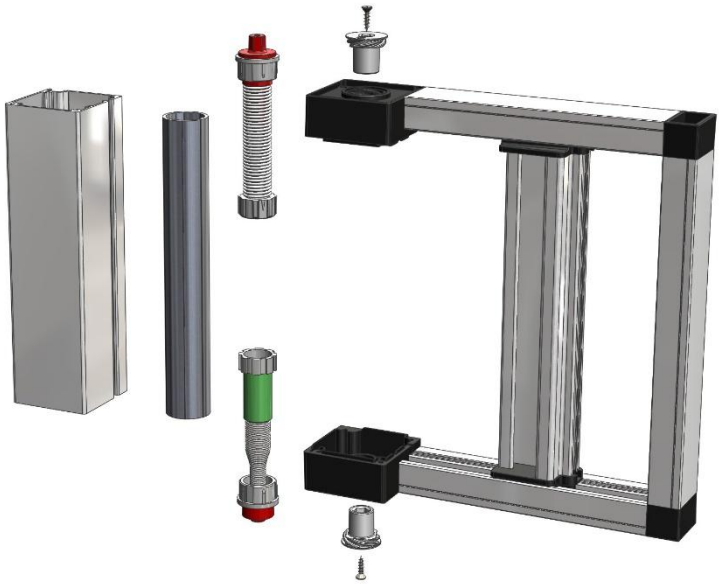
BetterView

PULL-ACROSS

Assembly & Rescreen





Tools:

Vinyl tape 3M double side tape	Cordless drill #1 Robertson bit	Scissors Utility knife 8mm Allen Key	Tape measure Industrial Grease	
				

1. Spring & speed reducer

a) Apply **3M 2-sided tape** onto roll-tube line.

b) Install **spring** into **roll-tube**.

WHITE = *Right* ⇨

BLACK = *Left* ⇦

*Spray **grease** while feeding.

c) Put **speed reducer** into end of tube opposite spring.

*** Match colour with spring.**

WHITE is *Left* ⇦

BLACK is *Right* ➡

2. Pull-bar

a) Affix **endcap** onto one end of **pull-bar** using **#6 x 3/8 flathead screws**.

b) Feed **mohair** along **pull-bar channel**. Cut excess, leaving **¼" projecting**.

c) Repeat step A on the other end and set aside.

3. Mesh

a) Unroll **mesh** onto table. Ensure zipper **fabric** side faces **up** ⬆ and **shiny** side faces **down** ⬇.

b) Cut off excess **zipper** & **spline** as shown.

c) Put a small bead of glue onto each **zipper end** at **pull-bar side**.

d) Feed **pull-bar** along **spline**.

e) Measure out from the **straight-edge** to **pull-bar** at both ends.
Measurement should be **identical**.

EXAMPLE

f) Centre **roll-tube** on top of **mesh**. Spacers between **roll-tube** & **straight-edge**.

g) Remove spacers and roll onto **mesh**.

h) Apply **3M vinyl tape** over mesh and roll-tube evenly.

i) Roll **mesh** and stack **zipper** neatly.

4. Housing

a) Place **rolled mesh** onto **housing back**.

b) Place corresponding **tensioner "A" or "B"** into centre of ***bottom*** **end cap** (idler end). Feed onto **zippers** and dry fit to **housing back**, and **speed reducer** into **tensioner**.


c) Affix **bottom housing endcap** onto **housing back** using **#6 x 1 ½ panhead screws**.

d) Reduce torque to **2** and screw **tensioner** to **speed reducer**, ensuring **tensioner** remains *flush* with **bottom of endcap**. ****DO NOT OVER TORQUE!***


e) Place corresponding **tensioner "A" or "B"** into centre of ***top*** **housing endcap**. Feed onto **zippers** and dry fit to **housing back,** and **spring** into **tensioner**.


f) Put **housing front** on and fit between **endcaps**.

g) Increase torque and affix **top endcap** to **housing back** using **#6 x 1 ½ panhead screws**.

h) Reduce torque to **2** and screw **tensioner** to **spring**, ensuring **tensioner** remains flush with **bottom of endcap**. **DO NOT OVER-TORQUE!*

i) Screw both endcaps to housing front using **#6 x 1 ½ panhead screws**.

5. Tensioning

a) Place **8mm** hex key into **tensioner** corresponding to **spring side "A" or "B".**

b) **Increase** tension:

i) "A" → Clockwise

ii) "B" → Counter-clockwise

*1 revolution = 1 turn

*To restart, pull **tensioner** out until spring unwinds. See "BetterView Install" guide.

6. Bench test

a) Draw & retract.

b) Ensure **pull-bar** latches at both ends.

c) Test in upright position.

*** Steps a & b will *not* accurately reflect operation after install.**