

REPLACEMENT MESH MANUAL FOR RETRACTABLE SCREEN FOR PATIO DOOR

Here are the tools you'll need to install your replacement mesh:

- Fiberglass mesh – same size of your actual mesh
If your screen is standard height, you will need a mesh of:
75 3/8" (1910mm) long by 48" (1219mm) wide.
- Masking tape
- Star-tipped screwdriver
- Flat-head screwdriver
- 4mm **Allen** key
- Hot glue gun

1. Before you remove the retractable screen door frame off the patio door, identify the interior with your masking tape.
2. First, you need to remove the 2 screws at the top and bottom that hold the retractable screen door to the patio door frame and remove the central fixed hook.
3. Take the Novascreen retractable screen door frame off the patio door.
4. Lay the screen door frame horizontally on a table.
5. Take off the black handle.
6. If you have a height adjustment extension on your frame, you'll need to remove it with a screwdriver.
7. Undo the screw (at the top and at the bottom) that hold the rails in the screen door casing, put the rest of the framing aside and work with just the retractable screen door casing to begin replacing the mesh.
8. Undo the 2 screws on the fixed cap with the round ferrule, opposite the one with the "Made in Canada" sticker.



9. Take hold of the roll and remove it from the casing.
10. Undo the 2 screws on the mechanized cap - the one with the “Made in Canada” sticker. Remove the sticker. You need to remove the retaining pin that’s underneath it and the mechanism (round piece) that you’ll need to restore the tension.
11. Put the casing aside.
12. Remove the 2 sliders at the ends of the handle extrusion.
13. Remove the mesh on the handle extrusion by sliding it off. From the mesh you have just removed, you’ll need to save the nylon strap that was inside the handle. **Make sure you keep the double-sided tape on the strap.**
14. Take the mesh off the roller.
15. Take your new screen mesh. Place the nylon strap on the edge of the mesh. This strap has double-sided tape on both sides. Fold it back once to cover this nylon strap.
16. Turn over the mesh completely.
17. To help with this, place a piece of masking tape on the end of the strap.
18. To insert the mesh in the aluminium handle, you must give the nylon strap a ½ turn as you begin to insert it, and then slide the mesh gently into the handle extrusion at the location designed for this purpose. If you do not make this extra ½ turn as shown, the mesh may slide back out of the handle.
19. Replace the sliders on the handle extrusion. The mesh must line up with the end of the sliders; add a dab of hot glue to hold it in place.
20. Place the handle extrusion so that the side you have marked with the masking tape faces upwards.

21. Install the mesh onto the roller. To install the new mesh on the roller, follow the lines engraved on it. Place masking tape on the mesh installed on the roller.
22. Hold the roller in your hands and slowly roll the mesh onto the roller. The weight of the handle will allow you to roll it more tightly.
23. Place the casing on the table with the weatherstrip on the top and insert the roll into the casing keeping the handle extrusion identified with the masking tape faces upwards.
24. Replace the fixed cap on the casing by inserting the ferrule on the roller into the hole in the fixed cap, and attach it with the two screws.
25. Insert the round mechanism on the spring rod. Install the mechanized cap and fix everything in place with the two screws.
26. You will need a support point, or the help of another person, to hold the casing in place while you re-tension the spring. Using a 4 mm Allen key, give the round mechanism 7 to 8 full turns in a clockwise direction. Lock everything in place with the retaining pin.
27. To hold everything in place, use a small piece of masking tape or re-use the “Made in Canada” sticker.
28. Reinstall the rails on the retractable screen door casing with the 1" (25.4mm) screws.
29. Reinstall the black handle.
30. Replace the Novascreen retractable screen door to the patio door frame with the two 1" (25.4mm) screws.
31. Replace the central fixed hook using a 1"(25.4mm) screw in the lower pre-drilled hole.