

Tesla Model 3 EVglass Installation Guide

Foam Rubber/Nano Tape Sample

Before installing the panels attach the provided sample of foam seal/nano tape to a piece of glass to become familiar with the product and process of attachment and removal. Peel off the release liner on the nano tape and stick it to a convenient piece of clean glass using firm pressure. The adhesion is strongest on the glass followed by the polycarbonate then the foam seal. Remove then tape by carefully peeling the nano tape from the glass, the bond is very strong but no residue is left on the surface.

Install The Front Panel First

1. Remove and carefully unroll the EVglass panels, they are under tension and may unroll with significant force.
2. Installation can be done with one person, but it is much easier with a second set of hands.
3. If installing during the winter keep the interior of the car warm as you install the EVglass to ensure that no condensation or frost has formed on the glass roof.
4. Clean the glass roof thoroughly with isopropyl alcohol or glass cleaner before installing with special attention to the outer edge where the EVglass is secured.
5. Remove the protective plastic sheet on the inside (seal side) of the panel, the outer protective cover can be removed after installation.
6. Re-position both front seats to the full back position and lower the seat backs to provide lots of space to work with the front panel.
7. There are six clear plastic mounting clips included in the package, these are used to help hold the panel in position as you peel back the release liner and attach the panel. One edge of the clip is inserted between the headliner and glass roof and the opposite edge supports the panel. On the front panel use one clip on each short edge side and two on the longer front and back.
8. Maneuver the panel into the car and sit in either front seat, the curved end goes toward the windshield with the seal facing up.
9. Hold the panel up in the middle and carefully align with the glass roof, insert the mounting clips to hold the panel in place.
10. Locate the pull tabs for the release liner, they are labeled 1 and 2 and in which direction to be pulled. The mounting clips are removed one at a time ahead of the release liner.
11. Precautions when removing the release liner and attaching the panel:
 - a. When starting to pull the release liner, ensure that the nano tape is not being pulled from the foam seal.
 - b. Remove the release liner and attach in short (15cm, 6") sections at a time.
 - c. The nano tape is very difficult to remove without damaging the foam rubber seal once attached so be very careful to properly align the panel before attaching.
 - d. Go from side-to-side 15cm/6" at a time pulling back the release liner and attaching the panel, this will ensure that the panel is symmetrical.

- e. Do not drag the seal/nano tape over the headliner when aligning or attaching, push the headliner back away from the seal if necessary to avoid damage to the seal and/or sticking to the headliner. Do not pull the release liner with excessive force, it can break.
 - f. While attaching the panel hold the panel close to the glass roof, this will help hold the shape.
 - g. Pull the release liner in a horizontal direction parallel to the panel seal/nano tape, pulling in a downwards direction on the release liner will stretch and deform the nano tape as it sticks to the glass.
12. Ensure that the panel is aligned, and you are holding the panel close to the roof, locate the pull tab labeled #1 and peel off a short 15cm/6" section, press that section firmly against the glass roof.
 13. Move from side to side pulling and sticking short sections while holding the panel close to the glass roof.
 14. When finished removing and securing the panel make your way along the edge of the panel pushing up firmly against the panel to ensure all areas are fully attached.
 15. Remove the protective plastic sheet from the panel.

Installing the Rear Panel

1. Installation can be done with one person, but it is much easier with a second set of hands.
2. Clean the glass roof thoroughly with isopropyl alcohol or glass cleaner before installing with special attention to the outer edge where the EVglass is secured.
3. Rear window defroster lines: The nano tape seal must not be allowed to stick to the defroster lines due to the likelihood of the lines being damaged when the panel is removed. A strip of clear static cling plastic (with release liner) is included in the bag with the mounting clips; this material can be cut to size and secured over the defroster lines where the nano tape seal attaches to the glass. Cut only a thin strip to cover the defroster line to ensure that the nano tape has plenty of contact area between the lines. An alternative to using the static cling plastic is to use a light skim of vaseline applied with a Q-tip over the defroster lines to prevent the nano tape from sticking.
4. Remove the protective plastic sheet on the inside (seal side) of the panel, the outer protective cover can be removed after installation.
5. There are six clear plastic mounting clips included in the package, these are used to help hold the panel in position as you peel back the release liner and attach the panel. One edge of the clip is inserted between the headliner and glass roof and the opposite edge supports the panel. On the rear panel use two clips at the front and two on each side.
6. Position the front seats all the way forward.
7. Fold the rear panel to allow you to pass it through a rear door with the seal facing up and the long straight forward side towards the front.
8. As you pass the folded panel through the door allow it to unfold with the rear curved edge passed over the rear head rests.

9. As you guide it towards the back lift each side past the headliner above the doors so that is against the glass roof. Don't slide the edge over the headliner material, if it is too tight pull the panel back a little which will provide more room to lift the panel.
10. Continue to push the panel towards the back, lifting the back of the panel will help. Push the panel back enough that the front edge will fit against the glass at the front. Allow a very small gap at the front so that the release tape can be peeled back (2mm, 1/8").
11. Hold up the panel in the center and position it evenly across the glass roof. Install the mounting clips at the front and sides.
12. Locate the pull tabs for the release liner, they are labeled for which to pull first and in which direction.
13. The nano tape is very difficult to remove without damaging the foam rubber seal once attached so be very careful to properly align the panel before attaching.
14. Support the weight of the panel and hold close to the glass to maintain a proper fit during installation.
15. Go from side-to-side 15cm/6" at a time pulling back the release liner and attaching the panel, this will ensure that the panel is symmetrical. Remove the mounting clips ahead of the release liner as you go.
16. Do not drag the seal/nano tape over the headliner when aligning or attaching, push the headliner back away from the seal if necessary to avoid damage to the seal and/or sticking to the headliner.
17. Pull the release liner in a horizontal direction parallel to the panel seal/nano tape, pulling in a downwards direction on the release liner will stretch and deform the nano tape as it sticks to the glass.
18. Ensure that the panel is aligned, and you are holding the panel close to the roof, locate the pull tab labeled #1 and peel off a short 15cm/6" section, press that section firmly against the glass roof.
19. Move from side to side pulling and sticking short sections while holding the EVglass close to the roof. The rear section of the seal does not require nano tape on the glass side.
20. When finished removing and securing the panel make your way along the edge of the panel pushing up firmly against the panel to ensure all areas are fully attached.
21. Remove the protective plastic from the panel.
22. For extra security of the panel re-install the EVglass mounting clips.
23. Occasionally inspect the panel to ensure it is secured properly, do not drive the car if the panel is not properly secured.