

Bronco Mission Tube Door Installation Guide – Draft Copy

For Part # 45-1046 (Front) and Part # 45-1049 (Rear)

Installation Video: <https://youtu.be/z9HejiJCabg>

Tools You'll Need

(Most are included in the Bronco Tool Kit)

- 10mm wrench/ratchet/socket
 - 13mm wrench/socket + ratchet
 - 6mm Allen key/hex key or socket + ratchet
 - Rivnut tool
 - Drill
 - 11/32" or 9mm drill bit
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Step-by-Step Install Guide

Step 1: Get Your Bronco Ready

Find your Bronco (should be easy enough, right?) and park it on level ground. If you have a Bronco Tool Kit, grab it—if not, use the tools listed above.

Step 2: Unbox Everything

Open the boxes, lay out all the parts, and check that everything is there. Keep the hardware in one place so nothing gets lost.

Step 3: Remove the Factory Doors

1. Push the mirrors forward.
2. Roll down the windows (this helps avoid damage when removing the doors).
3. Open the door and locate the power connector in the forward door jam.
4. Flip back the cover, pull the connector to release it.
5. Find the lower hinge bolt (13mm socket) and remove it.
6. Locate the upper hinge bolt (also 13mm socket) and remove it.

7. Lift the door straight up and off the hinges.
8. Store the doors in a safe spot.

Repeat for all four doors.

Step 4: Install the Front Beauty Panels

1. Locate the top front panel.
2. Remove the bolts fastening the top door hinge to the body (13mm socket).
3. Find the small black bolts in the door jam and remove them (10mm socket or wrench—ratchet wrench makes this easier).
4. Grab the large beauty panel and place it over the area.
5. Start all bolts and snug them up, but don't fully tighten yet.
6. Attach the lower beauty panel the same way.
7. Align everything and tighten all bolts to factory specs.

Step 5: Install the Rear Beauty Panel

1. Find the rear beauty panel.
2. Locate the top rear door hinge—some Broncos have a bolt in the top hinge. If yours does, remove it and set it aside.
3. Locate the two 6mm nutserts in your hardware bag.
4. Drill a hole (11/32" or 9mm bit) into the open location on the door hinge attached to the body.
5. Use a rivnut tool to install the nutserts.
 - If your top hinge had a bolt, install a nutsert only on the bottom hinge.
 - If the top hinge has only a hole, install nutserts in both the top and bottom hinges.
6. Align the rear beauty panel with the hinges and secure it using the supplied M6 Allen bolts and flat washers.
7. Tighten everything down.

Step 6: Install the Tube Door Hinges

What You'll Need:

- M6 x __ Allen bolts (4)
- M6 flat washers (4)
- Front Driver Side: Upper hinge = L1 bracket, Lower hinge = L2 bracket
- Rear Driver Side: Upper hinge = M1 bracket, Lower hinge = M2 bracket

How to Install the Hinges:

1. Start with the **front door hinges**.
2. For the **top hinge**, insert the bolt and flat washer **from the bottom** of the door mount on the body.
3. Place the hinge over the mount, inserting a **nylon washer** between the hinge and the OEM door mount.
4. Secure with a flat washer and the supplied nylock nut.
5. Repeat the same process for the **upper rear door hinge**.

Step 7: Mount the Tube Doors

What You'll Need:

- 6mm Allen key/socket
- 13mm wrench
- Ratchet (if using a socket Allen)
- 4x M6 bolts with flat washers

Mounting the Doors:

1. Slightly angle the hinges outward from the Bronco body.
2. Grab the door and guide it over the **upper and lower latches**.
3. Adjust the hinges so the door sits flush with the body.
4. Align the striker with the slam latch, ensuring it locks properly.
5. Install all four bolts, making them snug but not fully tight.
6. Check the door height and latch engagement.
7. Tighten all bolts, then open and close the door a few times to test fitment.

8. Ensure the slam latch is tight—check the two small Allen bolts securing it.
9. If needed, add **red Loctite** to these bolts for extra security (not required, but recommended since tube doors take some abuse).

Final Step: Door Removal & Storage Tips

- Once the doors are set up, **only the bolts need to be removed** for quick removal.
 - The hinges stay attached to the doors, making reinstallation easy.
 - Keep all mounting hardware in a safe place so you don't have to hunt for it later.
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You're Done!

Your Bronco now has a fresh set of tube doors! Take it for a spin, enjoy the open-air feel, and make sure everything stays snug. If anything feels off, give it a quick tweak—better safe than sorry!
