



## Vapor Barrier Instructions

For All 1963-1991 Full Size Jeeps



### Notes:

- 1. This procedure requires removing & reinstalling door panels**
2. Note: please read through all instructions prior to removing or installing any part. If you do not feel comfortable with the instructions or in your ability to install or modify your vehicle, please take to a reputable mechanic to have them perform the installation. BJ's Off-Road can not and will not determine your ability to install this kit, and the extent of our warranty and liability only cover the components of this kit, and do not cover improper installation, abuse, neglect, labor rates, etc. Contact us with any questions prior to installation.



Thanks for purchasing our Vapor Barriers! When installed correctly, these 6 Mil sheets will keep water away from your wooden/paper door cards and away from entering the interior (note that door drain holes must be cleaned / clear).

Most of these old Jeeps have had these either removed, sliced up or reinstalled improperly leading to the destruction of door cards, electronics and rusting of the door sill and floorboards. Some trimming of the plastic may be necessary when installing. Lay barriers in a warm sunny location or use hairdryer to relax wrinkles from shipping.

**1. Removal of existing door card and vapor barrier: (This is per door)**

- a. Remove the 2 screws holding the window/door unlock switches with phillips head screw driver.
- b. Front door – remove 2 small screws holding chrome/faux wood piece to armrest. These are underneath, phillips
- c. Remove both screws holding armrest to door. Phillips
- d. Remove 25 torx bit screw holding door handle on
- e. Remove 4 chrome screws along bottom of door card. Phillips
- f. Gently pull one side at a time to release the door clips that run down each side of the card. 3 to 4 on each side. There are specific removal tools for these or you can use needle nose plyers to squeeze them to release. It is typical that these will breakaway from the back of the door card. The door card is made from paper. If this happens, you can replace those with modern plastic interference push type pins.

**2. Remove Door Speaker**

- a. If equiped, remove door speaker. 4 Phillips head screws. Unplug speaker.

**3. Remove Old Vapor Barrier (If it's still there)**

- a. The original used glue that adhered directly to the paint. Slowly peel this away. If some of this sticks and tears, just leave it. No need to scrape it off. Make sure it's smooth.
- b. Take note of where the original barrier was glued to the door. This is where you will add the strip caulk to install the new one. This is important! This is what helps route the water down and back inside the door.



#### 4. Inspect inside of door

- a. This is a good time to inspect the inside of the door for problems or future problems. Make sure electrical connections are clean and tight. Use zip ties to hold them connectors together.
- b. Look for any exposed wiring. Wire that is rubbing on metal. Correct and or fix.
- c. Make sure all bolts and screws are tight.
- d. Lubricate the lock mechanism with silicone grease, etc.
- e. Make sure all drain holes inside the bottom of the door are clear
- f. Reattach black door deadening rectangle if it is laying in the bottom of the door. If curled, take some time to flatten this piece. Use some 3M spray (77 or higher) adhesive on the back of it and the inside of outside door surface. This gives the door and more solid sound when it closes. A trick of the car business.
- g. This is great time to clean the inside of the door, etc.

#### 5. Apply Caulk Strips

- a. If you still have your old barrier, look at the gray glue areas on the plastic to show you where to apply the strip caulk on the door. There are enough pieces of caulk in the kit to do all doors. Stretch or roll the 12 inch pieces in your hands until the strip caulk is about 2 feet long. It does require much caulk to hold the plastic in place. Generally, the caulk is applied along the top, down the sides and around the holes in the door. You will also apply a circle around the speaker enclosure.
- b. **DO NOT APPLY CAULK TO BOTTOM OF DOOR!!!** (Except a inch or so to piece between the 2 larger tucked pieces, front doors only)

#### 6. Install new Vapor Barrier

- a. Hold and align at top. Don't press into caulk yet. Get the remainder of the barrier aligned with the holes, window/door switches & speaker.
- b. Press barrier into the caulk.

#### 7. Tuck Barrier into door at bottom

- a. The front doors have 3 places that the barrier tucks back into the door. Just in front of the speaker bracket, behind the speaker bracket and another area toward the back of the bottom of the door. These will be obvious.

#### 8. Reinstall speaker with 4 phillips head screws

- a. **The kit includes 2 squares for the back of the speaker** (Not original from Jeep, but a good idea to protect the speaker cones)
- b. Place plastic squares over speaker hole
- c. Push speaker into plastic
- d. Use 4 Phillips speaker screws to reattach the speaker (Be sure you've plugged it back in)
- e. Trim excess plastic from squares from around speaker.



**9. Reinstall Door Card**

- a. Reverse the removal instructions from Part 1

**10. Tailgate Vapor Barrier**

- a. This barrier does not require strip caulk and is held in place by the existing door card/luggage strip screws. Lay flat on top of tailgate, place door card on top, reinstall screws.