

-INSTALLATION TIME-

Approximate installation time: 20-30 minutes

-TOOLS REQUIRED-

- “Non-scratching” pry/trim tool



-PARTS INCLUDED-

- Left & Right BumperShellz™



-ATTENTION-

Read and understand all instructions before installing or using this product. Your BumperShellz™ have been specifically designed to fit your truck, so no modifications to your original equipment bumper should be necessary to successfully install your BumperShellz™. If you are uncomfortable installing BumperShellz™ yourself, please contact a qualified professional.

- If your bumper has any significant pre-existing dents, you may want to remove the bumper and try to pound some of these out. Small dings and rust can usually be directly covered by BumperShellz™ if trim lines between plastic trim/step pad and exposed steel bumper are in their original shape. A distorted bumper will negatively affect the fit of your BumperShellz™.
- Your BumperShellz™ are assembled to your bumper by tucking the perimeter flange under the existing plastic trim pieces. It is usually sufficient to lift the edge of the trim in these areas with a non-scratching pry tool and progressively sliding the flange underneath the trim and, unless otherwise specified, should not require removal of the trim.
- Your BumperShellz™ are secured in place with 3M™ Automotive Acrylic Foam Attachment Tape. Optimal temperature for installation is between 20°C (68°F) to 38°C (100°F) and **never below** 15°C (60°F). If ambient temperature is below 15°C, a hair dryer or heat gun may be used at your discretion to warm the bumper surface. BumperShellz™ should be acclimated at “room temperature” prior to installation.
- Make sure your bumper is clean, dry, and free of debris. Use a cleaner that will remove oil/grease to clean bumper surface, followed by wiping the bonding surface areas of your bumper **thoroughly** with regular isopropyl rubbing alcohol and a clean lint-free white cotton rag or clean disposable toweling. Do not use shop rags which may have dirt or oily residues. For superior results use [3M brand Prep Solvent 70](#) or similar products available at many auto stores.

-INSTALLATION -

NOTE: We recommend Dry-Fitting all BumperShellz pieces to their specific locations **BEFORE** removing ANY of the red backing strips from the tape. Make sure all pieces are correct, i.e., you have received all pieces shown above, with or without sensor holes, etc., color/pattern is correct, and that all are undamaged. There should not be any (or extremely minimal) bumper surface visible once flanges are slid under trim and sensor holes (if present) are centered over sensor trim. Dry Fitting is also good practice for lining up each piece and guiding it into place, visualizing how to do it when the backing strips are removed and the tape is **STICKY**. Note that once the backing is removed we cannot give full credit for return.

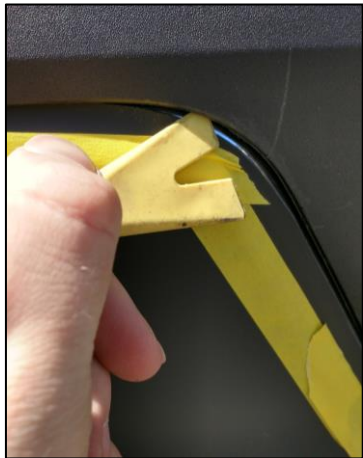
- Peel red backing off the tape strips on the back surface of your BumperShell.
- Start at the outboard corner and tuck the BumperShellz flange under the step pad trim. It may be necessary to use a non-scratching trim tool to lift the trim/step pad at the corner sufficiently to slide the BumperShell in to place without putting too much stress on the flanges; like using a shoehorn. Try to avoid putting much pressure on taped areas until sure the BumperShell is in its proper position.



- Tuck remaining top edge BumperShellz™ flanges by gently and progressively prying up the trim edge and sliding the flange underneath. Do not use excessive force, as this may damage your BumperShellz™ and/or trim. If the BumperShell is not going on with reasonable effort, a flange is probably hung up somewhere.

NOTE: For Matte finishes, it is a good practice to tape along the trim areas to protect the surface from any abrasion the trim tool may cause.

- Tuck opposite end (towards license plate) flange under center



trim piece. This can be done by slightly lifting the edge of the trim with your non-scratching prying device. Pull the BumperShellz around the corner (outboard-to-inboard) until inboard flange tucks fully under center step pad trim.

NOTE: If factory reverse sensors are present, clearance holes have been provided. Some slight positioning adjustment may be needed to center the sensor within the cut-out holes **before** applying pressure to the taped areas. Repositioning of the BumperShellz is usually possible **IF** only slight contact between the pressure sensitive tape and the bumper has occurred.



- Repeat assembly process for opposite side
- Use firm pressure on all taped areas against the bumper for at least 30 seconds to assure good adhesion transfer.

NOTE for Maximum Adhesion: The acrylic foam tape used to adhere your BumperShellz is “pressure sensitive”, so making sure there is sufficient pressure applied to each of the taped areas is vital to achieve optimum adhesion of your BumperShellz™ to your bumper. It is also recommended that you come back a few hours later, or the next day, to give each BumperShellz piece another pressure rub to ensure the best adhesion. Allow the tape adhesive to set up for at least 24 hours before washing your truck. Maximum adhesion is reached after 3-5 days in temperatures above 70 degrees, longer if it is cooler. Once the adhesive has fully bonded to a properly prepared bumper surface, it is nearly impossible to remove the BumperShellz without damaging them.



-CARE-

Care for your BumperShellz™ like you would any fine paint finish. Use high quality cleaning products designed specifically for car care.

Gloss finishes: Oftentimes, minor scratches can be buffed out on the gloss finishes. Rubbing compounds can be used with a mechanical buffer, for deeper scratches.

Matte finishes are much more susceptible to abrasions, leaving a "glossy sheen" on the finish, which are generally permanent. Do not attempt to buff out scratches/abrasions on your matte finish, as this will generally make the damage worse. Avoid excessive friction when trying to remove anything stuck to the matte finish surface and keep cleaning rags/water clean and abrasive free. Aggressive brush-type car washes are not recommended, as they can abrade the matte finish. Brushless car washes are acceptable.

