

-INSTALLATION TIME-

Approximate installation time: 20 minutes

-TOOLS REQUIRED-

- Prying tool (plastic trim removal tool, rigid putty knife wrapped in tape, etc.)
- Flat head screwdriver
- Pliers



-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 the BumperShellz™ yourself, please contact a qualified professional.

-PREPARATION-

- 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. On this model, we highly recommend removing the four push-pin clips (two per side) that attach at the bottom of either end of the bumper cap. With these removed, it will be much easier to pry areas of the step pad up at your discretion to increase the ease of installation. Use a trim tool, flat head screwdriver and/or pliers to grab the head of the clip and pull it out. It is possible these clips could be damaged when removing them. Replacement clips are available at most auto parts stores.
- 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.

- Begin your BumperShellz™ installation by peeling red backing off the tape strips on the back surface of your BumperShell. **Try not to allow tape to contact bumper until BumperShell is in its proper/final position.**
- Start at the lower inboard corner flange and tuck it and the rest of the inboard side flange under the center trim. Then gently pry up the step pad edge at the upper inboard corner and begin tucking the top perimeter flange under the step pad trim edge using the same technique of lifting and sliding. Do not use excessive force, as this may damage your BumperShellz™ and/or trim. If the BumperShellz™ are not going on, a flange is probably hung up somewhere on the trim.
- Before completely tucking in the top perimeter flange, tuck the outboard upper corner of your BumperShellz™ under the trim and then finish tucking in the top flange. Finally, tuck in the outboard side flange and then lower outboard corner.

NOTE: If you have factory reverse sensors, a clearance hole has been removed from the area in front of the sensor. Some slight adjustment may be needed to center the sensor within the hole **BEFORE** pressing down on the tape.

- If any clips were removed, you can now replace them while making sure the BumperShellz™ remain in the proper position at all times. The BumperShellz should now be snugly fit over the steel bumper.
- Press the BumperShellz™ against the bumper in all taped areas and hold for 30 seconds to make sure the tape is adhered.

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:** Minor scratches can often be buffed out. Rubbing compounds can be used with 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. Abrasive brush-type car washes are not recommended, as they can abrade the Matte finish. Brushless car washes are acceptable.