

# #EFO



# BUMPER SHELLZ™

By **ecological**

## 2018-2019 F150 Front Bumper Cover

Installation Instructions

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### -INSTALLATION TIME-

Approximate installation time: 35-50 minutes

### -SUGGESTED TOOLS-

- Isopropyl Alcohol/clean rags
- Plastic (non-scratch) trim tool, Credit cards
- Needle-nose pliers

### - PARTS INCLUDED – configuration may vary

**1 center cover with 14 rubber clip spacers and 2 additional tape pieces**  
**AND/OR**  
**2 side covers**



### -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. If after reading these instructions you have any further unanswered questions, please check out the FAQ's on our website. You may also call our customer service number (844-918-3688) for help between 8 am to 5 pm Pacific Time, M-F. Any modification or unintended use of this product shall immediately void all manufacturer warranties. The manufacturer disclaims all liability for injuries to persons and property resulting from modifications to, or unintended use of this product.

### -PREPARATION-

**The extent to which you follow these preparation steps will determine the quality of the adhesion and fitment of your BumperShellz. Please read and follow all steps.**

- 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 secured in place with the highest quality 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 the 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, Adhesion Promoter 94**, or similar products available at many auto stores.

### -INSTALLATION -

**NOTE:** Dry-Fit 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, color/pattern is correct, and that all are undamaged. There should not be any (or extremely minimal) bumper surface visible once the bumper cover is placed on the bumper. 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.**

## SIDE COVER INSTALLATION INSTRUCTIONS

1. Clean off the entire surface of the bumper with isopropyl alcohol and a clean cloth. Also ensure the bumper is at least at the temperature mentioned in "PREPARATION."
2. Install side bumper covers first. Remove red backing from 3M tape. Start by wrapping cover around the corner of the bumper. Utilize a trim tool and/or credit card to create a gap between the rubber trim and bumper. Guide the edge of the cover under the spacer.



(Note: with more sensitive finishes such as Matte Black, you may want to use masking tape to protect certain areas of the cover from being damage by your trim tool)

3. Before putting pressure on the taped areas of the BumperShellz, do a final check to make sure you are happy with the position of the cover. Ensure the center facing edge of the cover is pushed as far toward the center of the bumper as possible and the corner flanges are tight against the bumper. This will be very important if also installing a center cover to ensure the Center overlaps the side covers satisfactorily. Repeat on opposite side.

## CENTER COVER INSTALLATION INSTRUCTIONS

4. Begin removing stock bumperettes/plastic bumper grill insert. Use plastic trim tool, or flat head screwdriver covered in tape to carefully pry off this piece. If you can access the backside of the bumper, the grill insert can be more easily removed if you can squeeze the clips with pliers. Remove the two side pieces before proceeding to the center piece Note: If there is a front license plate bracket attached, remove this before removing the bumperettes.
5. If your bumper cover set includes the optional 2 side covers for a full bumper set, apply the included extra strip of 3M tape over the vertical strips of tape on each side of the cover. First remove the red backing to the installed vertical strip of 3M tape. Then remove the white backing to the additional 3M tape. Lay the additional tape over the preinstalled tape to double the thickness.



1. Remove red backing to preinstalled tape
2. Remove white backing to additional tape
3. Install directly over top to create a double thickness



## Modification Guide For F150's WITHOUT Front Tow Hooks:

If your front bumper does not have tow hook openings in the lower valance, you will either need to completely remove the lower plastic trim to proceed with the installation, or trim this area of the cover back to make room for the tow hook plug. White guidelines have been provided on the backside of your BumperShellz as a guide for trimming this area away. Use a Dremel, file or hand belt sander to remove all material within the white guide lines. The white guide lines themselves should be sanded until only a sliver of white remains. After that, place your BumperShellz against the bumper to check the clearance side you have cut, continue to make modifications for proper fit if needed.

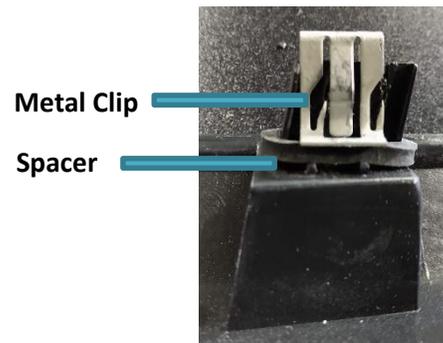
**These white guide lines are provided ONLY as a reference, and a help. Use of the white guide lines or cutting into the BumperShellz is left entirely to the discretion of the customer. By electing to use these lines by cutting into the BumperShellz, or making any other permanent alterations, the customer is waiving his ability to return the product.**

6. Install center cover by first removing red backing from tape. Apply center cover over center bumper section, with the edges overlapping the side covers (if present). Use care to make sure the cover is centered on the bumper before tucking the lengthened tabs underneath the rubber trim on the top of the bumper. These tabs have been provided for convenience to aid installation. The cover should evenly overlap each of the side covers (if present) and should be positioned to sit down properly in the valley where the grille insert will be reinstalled. Use a plastic trim tool or credit card to pry up the rubber trim enough to slip the top edge of the cover all the way underneath. Make sure the cover is fully pressed against the bumper and that the lower edge is tucked in to the channel of the lower valance panel.



7. To reinstall the stock plastic bumper grille insert and bumperettes, first remove all metal clips. Use a flat head screw driver or pliers to bend them out slightly to make them easier to remove. Keep track of them for use later.

8. Install one rubber spacer over each clip tab, followed by reinstalling the metal clip. During deinstallation, some of the teeth for these clips may have bent outward. Use needle nose pliers to bend the teeth back into shape. Be careful not to over-bend them which could cause them to snap off.



9. Re-install the stock grille insert by aligning the tabs/clips with the slots in the bumper. Begin with the center section, and then move on to the sides. Push the grille insert on firmly. This may require a firm tap at each of the clip locations to seat the clips. DO NOT apply excessive pressure away from the immediate clip areas, as this may result in damaging the plastic insert.
10. Put firm pressure on all areas of the cover where the 3M tape is present to adhere the cover to the surface of the bumper.

**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. Please refer to "removal instructions" in the BumperShellz FAQ section on the website, should removal be necessary.