













Hood Protector

Installation Instructions

TG/TS 5N17

Chev Silverado 2500/3500 (Diesel) 2017-up

PARTS LIST

- Hood protector 
- Adhesive pedestals (9) 
- Torx head screws (9) 
- Nylon shoulder washers (9) 
- Metal mounting brackets (4) 
- Abrasion pads (4) 
- Bumpons (6) 
- Surface cleaner (2) 
- Re-usable tape strips (1) 
- Pedestal locating template (1) 

TOOLS AND SUPPLIES REQUIRED

- T45 Torx bit or 7/32" Allen key
- Measuring tape
- Masking Tape
- Clean cloth or soft paper towel
- Felt pen or grease pencil
- Hair dryer or heat gun

INSTALLATION

Ensure the vehicle is clean and completely dry before installation. This product uses a 3M adhesive that requires installation and curing temperatures of 15° to 43°C (60° to 110°F) for 1 hr to develop maximum adhesion to the hood surface. Failure to install this product at the proper temperature or allow adequate curing time before use is not covered under warranty.



CARE

Hand clean the protector using a mild soap and water solution or plastic cleaner only. Avoid automatic car-wash equipment where a brush and/or soft cloth may come in contact with the hood protector. Touch-less style automatic car-wash equipment is less likely to harm the hood protector.

SERVICE

Periodically check to confirm the protector is securely attached to the hood.

WARNINGS

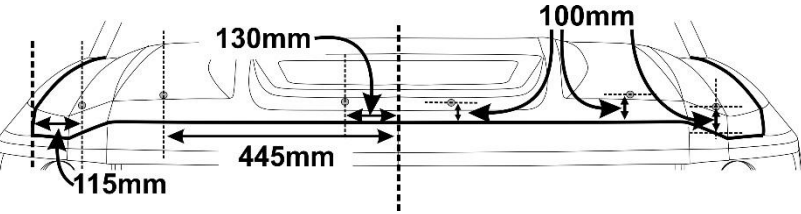
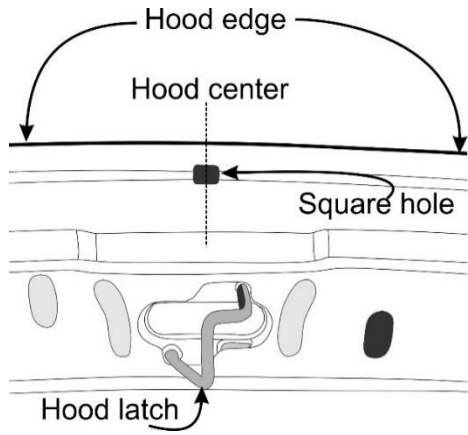
Do not pull/push on the protector when opening/ closing the hood.

NOTE

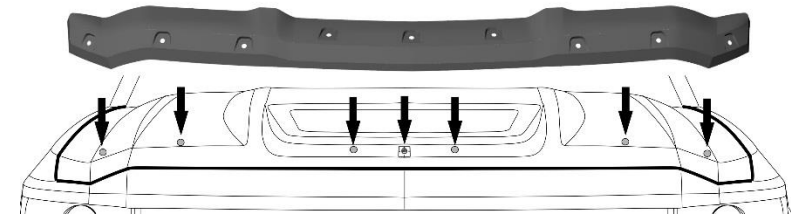
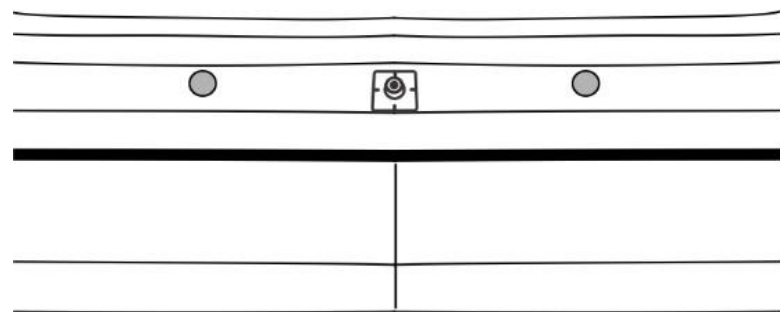
On some vehicles it may be necessary to adjust the hood bumpers and/or latch for proper clearance.

NOTES

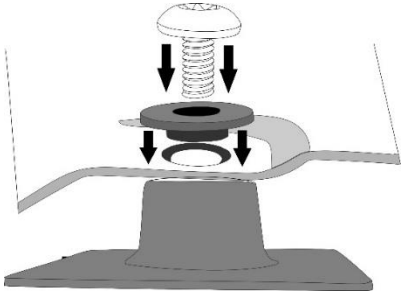
- In place of the T45 Torx bit, a 7/32" size Allen key will work.
- Do not use a power drill to turn in either the Torx head screws or the Phillips head screws.
- Use caution to not over-torque any of the screws.



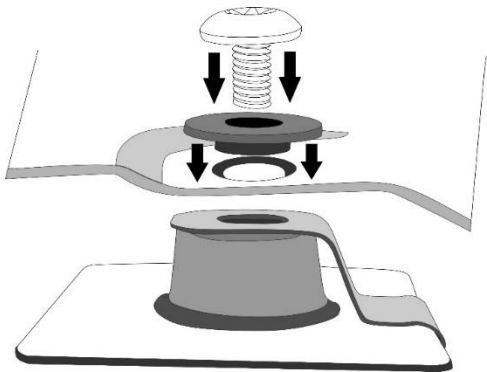
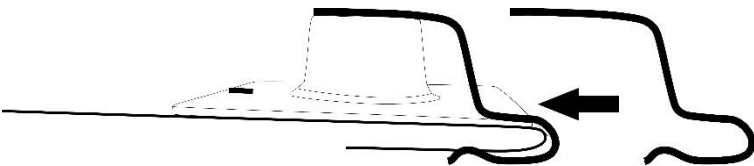
100mm = 4"	130mm = 5"
115mm = 4 ½"	445mm = 17 ½"



1. Use one of the surface wipes provided and wipe down the area (approximately 15cm (6 in.) from the hood edge) where the hood protector will be installed. Wipe dry with a soft cloth or paper towel. This will remove any wax or grease and will ensure a cleaner surface for the adhesive to bond to.
2. Mark the center of the hood at the edge. See the illustration for the simplest way to locate the center of the hood.
3. Place bumpons in locations shown in the illustration. Note that bumpons must be placed on the hood, not the hood protector. If they are placed on the hood protector, they will wear through the paint on your hood!
4. Determine the location for the center mounting pedestal. See the illustration for the exact location.
5. Permanently fasten the center pedestal to the hood by peeling the red protective backing off. Carefully place it on the hood surface in the position as illustrated. Use care with this step as once the pedestal has been placed on the hood, it will be very difficult to remove. It is critical to get this pedestal correctly mounted as its location will dictate the hood protector's final position.
6. Place the hood protector on the center pedestal and bumpons. Center the protector on the hood.



Note, on some vehicles the seam sealer just under the hood edge is quite thick. It may be necessary to open up the metal mounting brackets to allow them to slide over the hood edge. Alternatively, trim back the seam sealer in those locations.

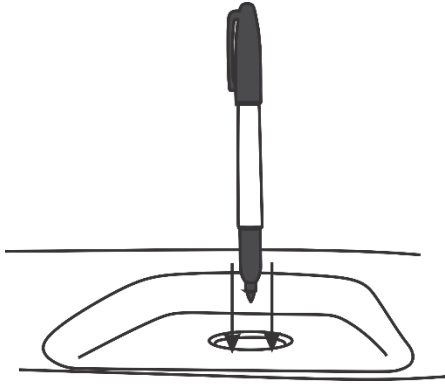


7. Assemble a Torx head screw and shoulder washer as illustrated and thread a screw through the hood protector and into the center pedestal. Check that the hood protector is straight and centered on the hood. Tighten the screw so it's snug but not tight.

8. Keeping hood protector in position, locate the two pockets on each side as shown. Directly in front of these, at the hood edge, place an abrasion pad on the **underside** of the hood. The abrasion pad is oriented with the long edge aligned with the edge of the hood and centered under the pocket.

9. Temporarily place a mounting pedestal at the edge of the hood where the abrasion pad is and slide a bracket over each, as illustrated.

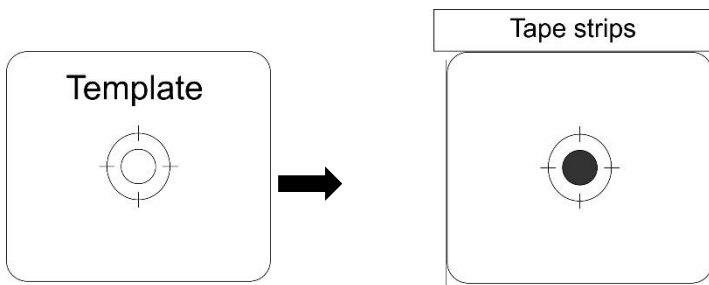
10. As illustrated, assemble a Torx head screw and a shoulder washer and install them in the four positions from Step 9. Only thread the screw in a couple of turns as this is just a temporary step to hold the hood protector in position while other pedestal positions are determined. You may need to adjust the position of the mounting pedestal slightly to align with the hole in the hood protector. **Ensure the hood protector is straight and centered on the hood.**

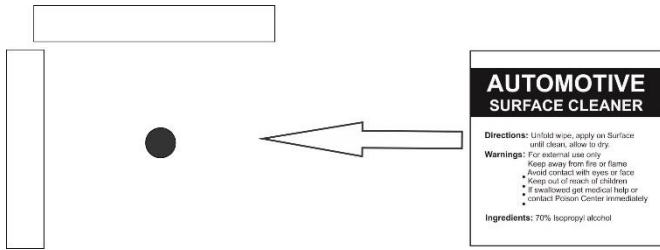


11. Once hood protector is centered, take a felt marker (a fine point Sharpie works best) and insert it into the hole in each of the remaining “pockets” of the hood protector. Keeping the marker perpendicular to the hood surface, mark the hood surface with a dot. *****NOTE- IF YOUR HOOD HAS PAINT PROTECTION FILM, A PERMANENT MARKER MAY STAIN THE FILM. USE A DRY-ERASE MARKER OR A GREASE PENCIL.*****

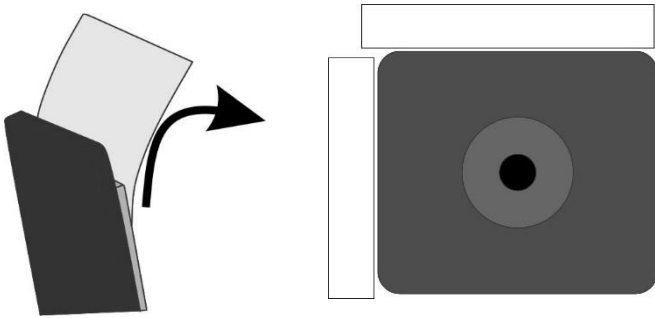
12. Remove the Torx head screws from the mounting pedestals. Remove the hood protector. *****Do not remove the temporarily installed pedestals.**

13. Locate the pedestal positioning template and place the template over a dot on the hood. Ensure the template is square to the hood edge. Using two of the repositionable tape strips, outline the template on two adjacent sides. Repeat for all dots. Depending on the application, it may be necessary to cut the tape strips in half to ensure there are enough to outline all locations. *****Outline the temporarily installed pedestals as well, then remove them.**

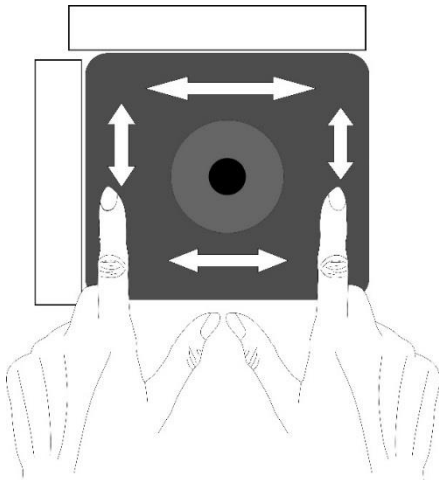




14. Using the automotive surface cleaner provided, clean an area approximately the size of the mounting pedestal at each location. Wipe dry with a clean cloth or paper towel. Take care to not contaminate the hood surface after it has been cleaned. Any surface contaminants will reduce the effectiveness of the adhesive.

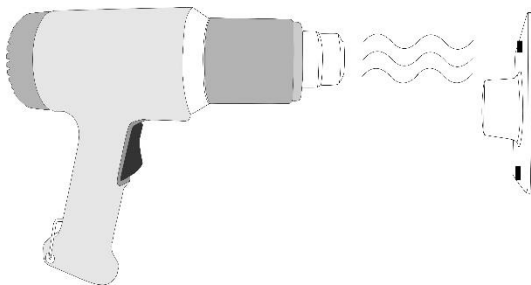


15. Peel the red protective backing off one of the adhesive pedestals. Carefully place it on the hood surface exactly where the tape outline is. **Use care with this step as once the pedestal has been placed on the hood, it will be very difficult to remove.** Repeat for all locations.

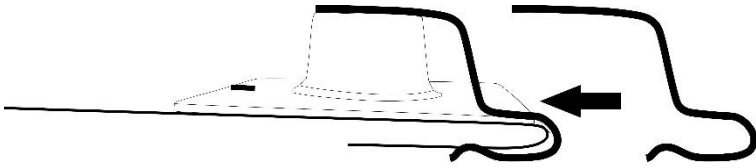


16. "Wet out" pedestal bases to ensure the adhesive is thoroughly bonded to the hood.

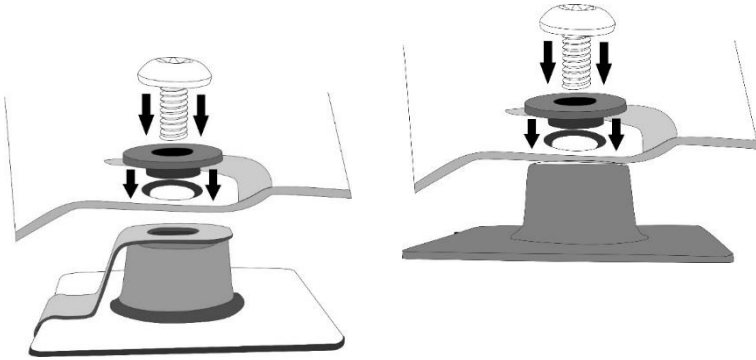
****NOTE** While the bond between pedestal and hood is very good, using a heat gun to warm the pedestal bases to 40°C (105°F) and wetting them out a second time will ensure the best bond possible.**



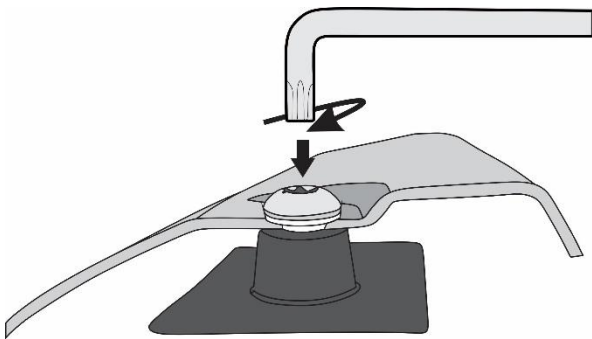
Use caution not to overheat the pedestal or damage the paint!!



17. Slide metal brackets over the two pedestal positions on each side of the hood and place the hood protector on the bumpons and pedestals.



18. Place a Torx head screw through a shoulder washer and into each hole in hood protector. Ensure the shoulder portion of the washer slides into the hole in the hood protector. Loosely thread the screw into the mounting pedestal. See illustration for orientation of the shoulder washer. Repeat for all locations.



19. Ensure the hood protector is centered on the hood and using a T45 Torx key, tighten the screws into the pedestals. Start in the center position and work outwards. Ensure the shoulder washers are seated properly. Do not overtighten.

Thank you for purchasing a Tough FormFit Guard hood protector!