



## **20+ GMC 2500/3500 HD Roll Pan**

Covers installation of PN: BHP5007



1. Remove factory bumper and hitch. To remove hitch, bed will need to be raised up a few inches from frame. Measure gap between cab and bed before removal to ensure you position it correctly on reinstallation. Remove all body bolts for the bed and lift bed for just enough room to slide factory hitch out of the frame rails. **Use caution and do not allow contact with front of bed and truck cab during this process.**
2. Once bumper and hitch have been removed, you will now remove spare tire, spare tire carrier, and spare tire heat shield from frame of truck.
3. Reposition bed in proper location as noted from previous step. You can fully tighten all mounting bolts for bed.
4. It is now time to install behind roll pan hitch (if you have purchased one).
5. If equipped with back up sensors, it's now time to drill holes in roll pan for them. We recommend doing this before painting to avoid any paint damage during installation process. Mark locations as shown, we recommend using masking tape to protect fiberglass and aid with measuring process. **\*\*\*MAKE SURE YOU TRANSFER ONE SENSOR AT A TIME TO THE ROLL PAN\*\*\***. Back up sensors all have a unique bezel for their location and have a specific notch that will dictate their location. They will need to remain in their correct positions for proper operation.

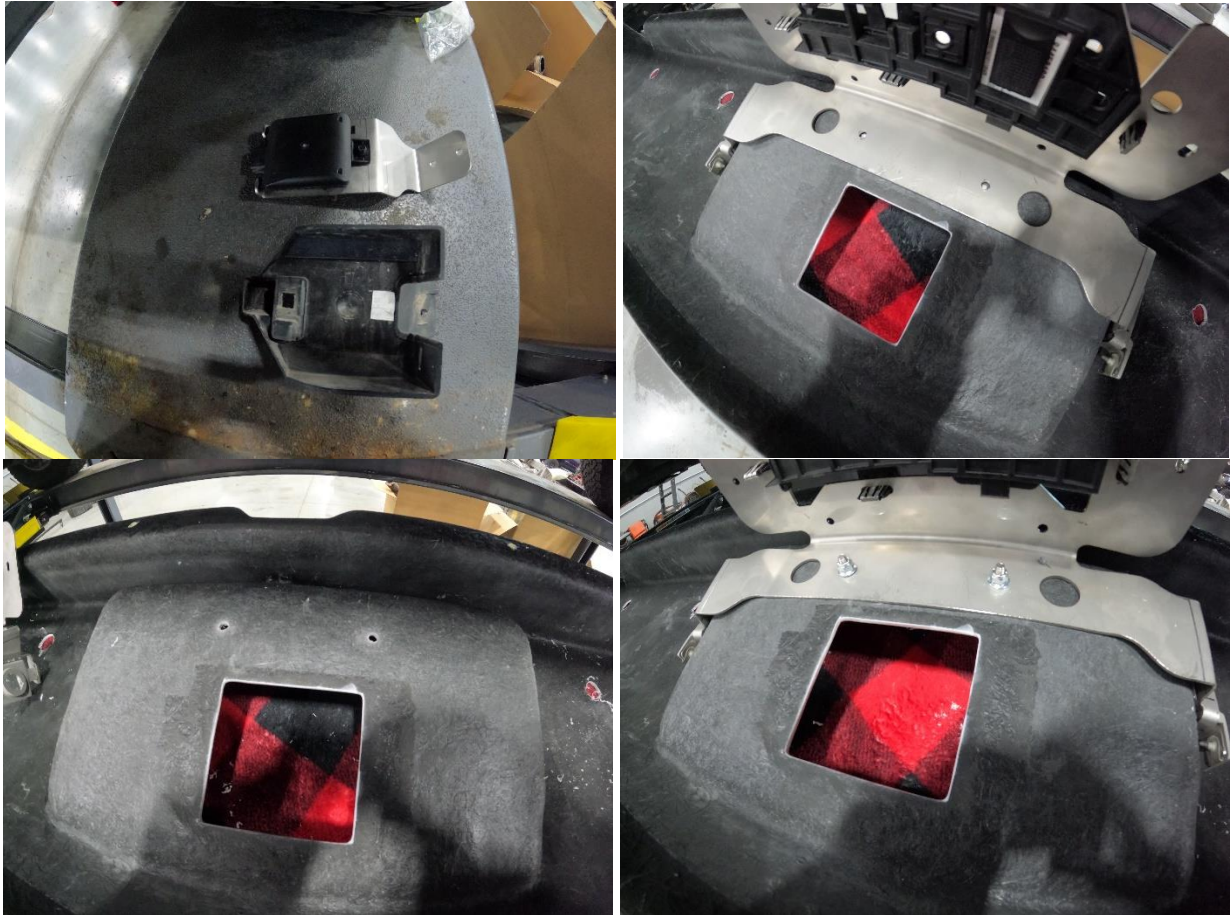
**PICTURE ON NEXT PAGE**



6. After locations are all marked, and you have verified they are correct you may now drill a 1/8<sup>th</sup> inch hole in center of each location. Finished hole will be 1". We strongly recommend using a 15/16" hole saw and using a file to open holes up one at a time. Sensor bezel will be used as a gauge, making it easy to know how it needs to be removed. Fiberglass will file very easily, so use light pressure and check it often with sensor bezel. Remove sensor and bezel one at a time from factory bumper to ensure correct notch is on correct location. Transfer sensor and bezel keeping locations correct until you have completed all four holes. If you have filed a little too much off, and sensor is not as tight in the pan as you wanted, you should still be ok after it comes back from getting painted.



7. After roll pan has been painted, install bracket for rear license plate lights. You will be using factory light housing, screw, and J nut. It will attach to new bracket as shown in picture. Lights are specific left to right, install them in corresponding locations. With lights fully installed into bracket, position bracket into place and lights should center up in holes on roll pan with bracket flat against roll pan as seen. If you are having any issue with fitment, verify that you have light housing on the correct side as they are labeled RH and LH. From back side, drill a ¼" hole in locations shown, through the roll pan and attach bracket to roll pan with provided hardware. You will want to assemble this with a supplied nut on the back side of roll pan.





8. Depending on vehicle options, you may have a bracket with two modules attached to it behind rear license plate. This is the module for trailer tire pressure monitors and key fob range extender antenna. It can now be transferred to the BHP bracket, please see attached photo.



9. If vehicle has side object detection sensors, you need to remove sensors from factory bumper. They will be installed using a supplied new bracket and factory hardware. They will mount to the bedside and retain factory location and functionality using new bracket and mount to truck bed instead of bumper. Factory sensors and new sensor brackets are not side specific, both will work in left or right positions. Install using measurements provided using a 1/4" drill bit. Make sure to use provided washer for optimal installation.



10. Remove factory wire harness, noting location as some of the factory retainers will be utilized in corresponding locations. This will be like factory positions but not exact. See attached photo for reference. Factory harness retainers will go into light bracket from top side and provide proper support for bumper wire harness.



11. With the help of an assistant, you may hold roll pan up to truck and use masking tape to help secure it in place. While the assistant is holding roll pan, make sure you are centered on truck by checking gaps on either end. Make any adjustments as needed before drilling. After fitment is verified, drill two  $\frac{1}{4}$ " holes in outer locations going through lip on roll pan and bed of the truck. See pictures for reference if needed. Install provided hardware as shown, you may now tighten both screws. **Make sure to not overtighten, you will want to go slightly past snug. Make sure fiberglass parts are not damaged by only using hand tools.** Using a properly fitting screwdriver, hold screw stationary and tighten nut from the back side using a 10mm ratchet wrench or similar.





12. When drilling both center holes, you will want to push down on center of roll pan to ensure you get proper gap between roll pan and tailgate during opening and closing.  
**NOTE: Some have tighter gaps than others will.** It's always best to check this by opening tailgate slowly and observing bottom edge before drilling center holes. When installed properly, there should not be any contact between the two parts.

13. Now secure both front bottom corners to the bedside. Tape roll pan tight to bedside using masking tape and drill two ¼" holes in locations provided. Proper installation will hide the plastic washer that goes between roll pan and body. Once holes are drilled, install and tighten remaining screws and washer.



14. Plug in main bumper harness, side object sensors, trailer tire pressure module and key fob antenna.



15. Verify all mounting screws are fully tightened.

16. Once all fasteners are tightened, you may **slowly** lower the tailgate manually to check clearance between tailgate and mounting screws for roll pan. This can be done while looking in from the top at the gap while the gate fully opens. If you have contact with screws, you will need to adjust tailgate hinge, making sure clearance is proper to avoid contact when fully opened. Most trucks will not need any adjustment and should have clearance between screws and tailgate without any issue as is.

17. Start truck and verify no warning lights are present, installation is now complete.

Any Questions, Comments, or Feedback?

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