



1.877.287.8634

## **INSTALLATION INSTRUCTIONS**

**IMPORTANT NOTICE:** Be sure to inspect and test fit product before having it coated or painted. Ranch Hand will not be responsible for the cost of the coating if any problems with fit or finish are not noted and addressed beforehand.

### **2010-18 DODGE RAM 2500 & 3500**

#### **PART # FBD101BLRS / BTD101BLRS / FSD101BL1S / BSD101BL1S**

**Note:** \* Do NOT unplug sensors. If sensors are unplugged, you will need to take it back to the dealer to have them re-flashed.

**Note:** \* On the 2013-18 models, you will need to cut the factory bumper bolts off.

**Note:** \* You will need to trim the inner fender to prevent the fender liner from getting caught on the tire when traveling

1. Unhook factory fog light wires if present.
2. Remove the plastic cover from the bottom of the bumper. It will have four push clips on the back of the cover and five push clips that you can remove through the front opening of the bumper.
3. Remove the bumper by removing four 18mm nuts located on the side of the frame. There are two on each side. *(Note: For diesel motors, remove the top plastic grill cover. It will have four push clips. Remove two 13mm bolts from the turbo cooler and remove rubber bushing. From under the truck, remove the bolt assembly from the frame by pushing the turbo cooler up and away from the truck.)*
4. There is a driver and passenger mounting plate. The mounting plate will mount to the outer side of the frame with the angle iron sitting on top of the frame. Use two ½” x 4” bolts to install.
5. If the truck has sensors use the rubber grommets provided to put in the six sensor holes. If truck does not have sensors use the rubber button plugs to fill in the holes.
6. Mount the front bumper replacement to the mounting plates using eight ½” x 2” bolts. Center the front bumper replacement to the truck and tighten bolts.
7. The factory inner fender will slide into the opening of the end cap. Cut the fender liner even with the bottom of the end cap.
8. Use the directions for LBD09HBP to install fog lights and brackets.
9. Remove the factory tow hooks from the factory bumper. Using the factory bolts, install the tow hooks to the tow hook brackets located in the bottom insert or below the formed channel.
10. Remove the sensor harness from factory bumper if sensors are present. Install sensors into the rubber grommets.
11. Install the license plate to the bottom insert with four ¼” bolts. On the winch frontends, install the license plate to the receiver hitch license plate bracket provided.
12. **MAKE SURE ALL NUTS AND BOLTS ARE TIGHT!**

### ----- WARNING -----

Special care should be exercised in the handling, storage and installation of Ranch Hand equipment.

The actual weight of each piece of equipment will vary depending on style and model. The weight of the equipment is sufficient in volume to warrant special care, assistance and in some instances, the use of mechanical equipment during the transfer and installation of the equipment. Do not assume a position directly under the equipment during installation. Be sure the equipment has been connected and stabilized during installation to prevent falling or shifting of positions.

Periodically check tightness of bolts to make sure they are tight, and unlikely to fail.

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