

## **RANCH HAND**

**1-800-366-9712**

### **INSTALLATION INSTRUCTIONS**

**2010 - up DODGE RAM 2500 & 3500**

**PART # GGD101BL1 / GSD101BL1 / PBD101BL1**

1. Remove the tow hooks by removing four 13mm bolts and 15mm nuts from each tow hook. They will be remounted during the grill guard install. (Note: You will need a long extension and a swivel to remove the two inner nuts).
2. Install the mounting brackets with the offset towards the outside of the vehicle. Use four 7/16" x 1 1/2" bolts to install each bracket. (Note: Make sure the brackets are 40 1/8" apart or less).
3. Remove the two 18mm factory bumper nuts from the side of the frame. Place three washers over each bolt and install the bottom brackets. Reinstall the factory nuts.
4. Mount grill guard by using four 7/16" x 2" carriage bolts and flange nuts on each side. Place bolts through the upright, mounting bracket and then the tow hook, if present. (Note: Uprights go to the outside of the brackets.)
5. Tilt the grill guard as needed so that the loops follow the headlights. Tighten all the carriage bolts.
6. Use a 1/2" x 1 1/2" bolt to mount the bottom bracket to the upright strap.
7. *MAKE SURE ALL NUTS AND BOLTS ARE TIGHT!*

### **WARNING**

Special care should be exercised in the handling, storage and installation of Kaspar 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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