

# RANCH HAND

1-800-366-9712

## **INSTALLATION INSTRUCTIONS**

2003 -`09 DODGE RAM 2500 & 3500

2006-`09 DODGE MEGA CAB 1500 / 2500 / 3500

**PART # GGD061BL1**

### **DIESEL ENGINE:**

1. Unhook fog light wires. Remove two 10mm bolts from turbo cooler. Remove rubber grommets. This is needed for the removal of the factory bumper bolts.
2. To remove factory bumper, remove nuts from factory bumper bolts. Raise one side of the turbo cooler to help get factory bolts out of the frame and bumper.
3. Remove the tow hooks. Place mounting brackets inside bumper using 7/16" bolts. Hand tighten. (Note: Make sure you have at least 34 5/8" between the inside of mounting brackets.)
4. Replace bumper. Raising turbo cooler will help with the install of the factory bolts. Make sure bolts are facing out.
5. Use 3 to 4 flat washers for spacers over the factory bolts. Place bottom-mounting bracket over bumper bolts and reinstall factory nuts.
6. Mount grill guard by using eight, four on each side, 7/16" x 2" carriage bolts and flange nuts. Place bolts through the mounting bracket, upright and then the tow hook, if present. (Note: Uprights go to the inside of the brackets.)
7. Make sure hood is able to open and close and then tighten carriage bolts.
8. Center from left to right and then tighten mounting bracket bolts.
9. Use 1/2" bolts to mount bottom bracket to upright strap.
10. Hook up fog light wires.

### **GAS ENGINE:**

1. Remove plastic cover in the front bumper if present. (Note: It is easier to remove the 4 push clips with a Philips screwdriver from the backside of the bumper.)
2. Slide mounting bracket through opening of the bumper from the backside of the bumper. Use 7/16" bolts for mounting. Hand tighten. (You need at least 34 5/8" between the inside of mounting brackets.)
3. Mount bottom brackets by removing factory nuts that hold bumper to frame. Use 3 to 4 flat washers for spacers. Hand tighten.
4. Mount grill guard by using eight, four on each side, 7/16" x 2" carriage bolts and flange nuts. Place bolts through the mounting bracket, upright and then the tow hook, if present. (Note: Uprights go to the inside of the brackets.)
5. Make sure hood is able to open and close and then tighten carriage bolts.
6. Center from left to right and then tighten mounting bracket bolts.
7. Use 1/2" bolts to mount bottom bracket to upright strap.

***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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