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## **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.

# **2011-16 FORD SUPER DUTY GRILL GUARD PART # GGF111BL1**

*(You can also mount this grill guard on the F-450s/ F-550s but will need to order an extra bolt package. Part # is GGF114BP.)*

*NOTE: You will need to cut openings in the air dam for the straps.*

1. You can cut the openings in the air dam from the front or back.
2. From the front, find the center of the air dam. Measure out 19 ½” and 21 ½” on each side and mark. Measure 3 7/8” and 4 7/8” from the bottom and mark. The openings should be approximately 1” x 2” and be 39” apart.
3. From the back, you will see two small circles that are 24 ¼” apart. Measure from the outside of those circles 7 3/8” and 9 3/8” and mark. Measure 3 7/8” and 4 7/8” from the bottom and mark. The openings should be approximately 1” x 2” and be 39” apart.
4. Remove the four factory 18mm bumper bolts, two on each side.
5. On most 4x4s, there will be a bracket that is located on the bottom of the frame. Remove this bracket.
6. Slide the hex head bolt tab from the inside of the frame facing out. Install the bottom bracket, one 3/8” spacer, one 5/16” spacer and the support bracket over the bolts. Use a ½” washers, lock washers and nuts to install. Make sure the top holes of the support bracket line up with the holes of the bumper bracket. Then tighten nuts.
7. Use two ½” x 2 ¼” bolts, on each side, with washers to mount the grill guard to the bumper. Use ½” washers, lock washers and nuts to install.
8. Use ½” x 1 ½” bolts to mount the straps of the grill guard to the bottom brackets.
9. Center the grill guard from side to side and make sure grill guard is level. Tighten all nuts and bolts
10. **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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