INSTALLATION INSTRUCTIONS

<u>IMPORTANT NOTICE</u>: 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.

2009-18 DODGE 1500 GRILL GUARDS PART # GGD09HBL1

NOTE: WILL NOT FIT THE 2009-12 SPORT MODELS

- 1. Remove the tow hooks if present. There will be three (18mm) bolts on each tow hook. They will be installed later.
- 2. Remove the plastic bumper insert. Note: On the 2009-12, the insert can be trimmed and reinstalled after the grill guard is installed. On the 2013, remove the plastic insert by removing four 10mm bolts.
- 3. **Note**: It is optional, but it is easier to install the brackets by removing the air dam. It is held on by two (10mm) bolts and several white clips.
- 4. Remove the bottom two bumper (18mm) nuts, from each side. Remove the factory bolts. You will have to use a hammer to remove them.
- 5. On the passenger side frame, there is a tab that you will need to flatten.
- 6. Place two 7/16" bolts through the holes of the mounting bracket and slide into the lower frame holes. If you have tow hooks make sure you reinstall the factory angle bracket for the tow hooks.
- 7. **Note**: Before you tighten the bolts make sure the outside of the brackets measure about 40 3/16".
- 8. Remove the upper factory (18mm) nut. Also remove the nut and washers from the outside 7/16" bolt.
- 9. Add one ½" washer over the top bolt. Place the bottom bracket over the two bolts and reinstall the nuts. The bottom of the bracket should almost touch the air dam. **Note**: On models without tow hooks, you will have to use a washer over the top and bottom bolt on the passenger side.
- 10. Use a utility knife to cut an oval hole in the air dam directly below the bottom bracket. If you removed the air dam, cut off the outside slotted embossment and reinstall the air dam.
- 11. Mount the grill guard to the top brackets. Use the black carriage bolts to install.
- 12. Level the grill guard and tighten bolts.
- 13. Slide the other bottom bracket with the two holes through the opening of the air dam that you cut. Use two ½" bolts to install.
- 14. Mount the other end of the bracket to the bottom hole of the grill guard using a black carriage bolt.
- 15. Reinstall the tow hooks. Measure and trim the plastic bumper insert and reinstall.
- 16. 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.