



## **RANCH HAND**

# **INSTALLATION INSTRUCTIONS**

### **SPORT BACK BUMPER**

**SBC111BLSL: 2011 – up CHEVY/GMC 2500HD/3500HD**

1. If reverse sensors are present, remove the sensor from the factory bumper. **DO NOT DISCONNECT THE SENSOR WIRES.** Zip-tie the sensors to the frame to prevent damaging when installing the bumper.
2. Unplug license plate wiring harness from truck or unhook license plate lights and wiring harness from bumper.
3. If trailer plug is present, remove plug. Remove plug by twisting plug and pulling through the opening of the bumper. Unhook wires and remove.
4. Remove the two 21mm bolts that attaches the receiver hitch to the bottom of the bumper.
5. Remove one 15mm bolt from each side of the frame.
6. Remove two 18mm nuts from each side of the frame.
7. Remove one 21mm bolt from the bottom of the frame.
8. Remove the factory bumper.
9. Set the trailer plug in the hole in the left corner of the back plate. From the backside, mark through the ¼” holes onto the trailer plug for holes to be drilled. Drill two 7/32” holes. Use the two 3/16” bolts from the front side to install.
10. If reverse sensors are present. Remove the four plastic plugs from the skirts and install the rubber grommets.
11. Mount the Ranch Hand bumper to the frame. The mounting brackets will mount to the inside of the frame. Use two ½” x 1 ½” bolt in the rear two holes. Use one 3/8” x 2” bolt in the front hole for each bracket.
12. Mount the receiver hitch to the bracket welded behind the back plate of the bumper. Use two ½” x 1” bolts.
13. Use two ½” x 1 ½” bolts to replace the ones that was removed in #6 that attaches the receiver hitch to the frame.
14. To install the license plate lights, reuse the license plate harness. You will have to cut off the ends.
15. Install the license plate by using four ¼” bolts.
16. Install the sensors into the rubber grommets. You may want to use a small amount of silicon to help secure the sensor in the grommet.

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### **WARNING**

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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.