

## CONTACT

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**RANCH HAND**  
PROTECT YOUR TRUCK

## MAINTENANCE/CARE

- Periodically check and tighten all fasteners.
- Stripped, fractured, or bent bolts or nuts need to be replaced.
- After washing of the vehicle make sure to fully dry all surfaces

## SENSOR DISCLAIMER

PLEASE NOTE PARKING SENSORS ARE EXTREMELY DELICATE AND MUST BE HANDLED WITH CARE!

Do NOT touch or shift the clear rubber grommet that surrounds the sensor face. DO NOT glue housing into place until orientation and functionality is determined.

## APPENDIX

### Troubleshooting Vehicle Sensors

- Start with a general inspection of the sensor fitment. Check that both the sensors and the sensor clips are fully secure and the sensors are properly centered in the housing.
- Confirm plastic housing is in the correct mounting holes. Misplaced sensor housings could compress sensor and give false readings or faults.
- Use a clean microfiber to wipe the front face of the sensor.
- Inspect connection. Be sure that the sensor is firmly seated into the harness.
- Run through several start cycles (i.e. fully turn the vehicle on and off).
- Finally, disconnect the battery to reset the sensors.

## WARNING

*If your vehicle has adaptive cruise, please ensure that your adaptive cruise is working correctly once the Ranch Hand bumper is installed. Adaptive cruise may need to be cleaned or adjusted to ensure it functions properly. See your owner's manual for care of the adaptive cruise.*

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.

## SAFETY

- In order to help you make informed decisions about safety, we have provided installation instructions and other information.
- These instructions alert you to potential injury hazards
- Please do a job safety analysis before each task to identify potential hazards for your situation and remove/protect against them.
- You must use your own good judgment.
- Read and understand all safety precautions and instructions before installing this product

## HAZARD

**FAILURE TO OBSERVE THESE INSTRUCTIONS COULD LEAD TO SEVERE INJURY OR DEATH.**

- Always remove jewelry and wear eye protection.
- Always use extreme caution when jacking up a vehicle for work. Set emergency brake and use tire blocks. Locate and use the vehicle manufacturers designated lifting points. Use jack stands.
- Always use appropriate and adequate care in lifting components into place.
- Always insure components will remain secure during installation and operation.
- Always wear safety glasses when installing this kit. A drilling operation will cause flying metal chips. Flying chips can cause serious eye injury.
- Always use extreme caution when drilling on a vehicle. Thoroughly inspect the area to be drilled (on both sides of material) prior to drilling, and relocate any objects that may be damaged.
- Always use extreme caution when cutting and trimming during fitting.
- Always tighten all nuts and bolts securely per installation instructions.
- Always route electrical cables carefully. Avoid moving parts, components that become hot and rough or sharp edges.
- Always insulate and protect all exposed wiring and electrical terminals.
- Always perform regular inspections and maintenance on mounts and related hardware.



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# INSTALLATION INSTRUCTIONS

### DESCRIPTION

2015-Up Chevy/GMC  
2500HD/3500HD Summit Back  
Bumper

### PART #:

SBC151BLSL

## INSTALLATION INSTRUCTIONS:

1. NOTE: If sensors are present, do not disconnect!
2. Remove the license plate. Then disconnect the license plate lights.
3. Unhook and remove the trailer plug.
4. Remove two 13mm bolts located on top of the receiver hitch that connects the bumper to the receiver hitch.
5. Remove the two 21mm bolts that connect the receiver hitch to the bottom of the frame.
6. Loosen the four 21mm nuts that connect the receiver hitch to the bottom of the frame which will allow the receiver hitch to hand down.
7. Remove the two 15mm bolts from the side of the frame. One on each side.
8. Remove four 18mm nuts from the side of the frame. Two on each side.
9. To remove the bumper, push down while pulling the bumper out of the frame. This can be a little difficult. Loosening the last two bed bolts will allow more space to remove brackets from the frame.
10. Lay the bumper down and then remove the sensors and wiring harness.
11. Before installing the Ranch Hand bumper, you will need to tighten up the receiver hitch bolts and nuts in steps 5 & 6. Use the two metric flange nuts provided to reinstall the 21mm bolts.
12. You will need to remove the spare tire lock from the factory bumper. You will need to pry open the prongs until the lock can be removed.
13. Once the lock is removed, remove the center ring of the bracket that holds the lock in place (the part that has the prongs). This ring will be used to hold the lock the Ranch Hand bumper. (Note: Be sure to bend the prongs back into place.
14. Install the lock into the Ranch Hand bumper. Set the ring over the lock from the back side and press on.
15. Install the license plate with the 1/4" bolts and nuts provided.
16. If sensors are present, install the rubber grommets in the four 1" holes in the skirts. If not, install the rubber plugs.
17. Install the Ranch Hand bumper by using the provided (2) 1/2" bolt tabs and (1) 3/8" bolt tab per side.
18. In the top front holes, use the 3/8" bolt tabs and nuts provided.
19. Level the bumper then tighten all nuts and bolts.
20. Install the trailer plug into the large hole in the back plate.
21. Install the license plate lights and reverse lights. Wire as needed.

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### TOOLS REQUIRED

Metric SAE sockets

### PARTS LIST

