

## 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.

## CONTACT

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**RANCH HAND**  
PROTECT YOUR TRUCK



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# INSTALLATION INSTRUCTIONS

### DESCRIPTION

2014-15 Chevy 1500 Summit  
Front Bumper

### PART #:

FSC14HBL1/BSC14HBL1

## INSTALLATION INSTRUCTIONS:

1. Unhook the fog light wires if present.
2. Remove the factory side brackets. There will be three 15mm bolts on each side.
3. Also remove two 7mm screw fro each fender well.
4. Remove the painted plastic bumper.
5. Open the hood and remove the plastic radiator cover. There will be several push clips.
6. Remove the factory grille by removing four bolt on top and four bolts from the bottom. Also, there will be 6 clips that hold the grille in place.
7. Remove the factory bumper by removing the two 18mm bolts from each side of the frame. They will be facing down.
8. Lay the bumper down then remove the sensor and fog light wires (if present) from the bumper.
9. Remove the two black bumper mounting plate by removing the three 15mm bolts. The bolts will be used to install the Ranch Hand Summit Frontend.
10. Remove the tow hook bolts if present. Tow hooks will be installed.
11. Install the support brackets to the outer side of the frame and reinstall the tow hooks. The driver side will only use one bolt.
12. Reinstall the factory grill and plastic radiator cover.
13. Reinstall the painted plastic bumper. Remember to reinstall teh 7mm screws in the fender well.
14. If fog lights are present, mount them to the fog light brackets provided and then to the Summit Follow instructions in LBC08HBP to install.
15. Mount the Summit to the frame by reusing the 15mm factory bolts. Level the Summit and then tighten bolts. Use the 1/2" carriage bolts to mount the frontend to the support brackets.
16. Mount the license plate using 1/4" bolts to the two slotted holes in the center of the Summit.
17. Hook up the sensor and fog light wires. You can run them through the rectangle opening in teh uprights just below the top plate. Also, there are three small holes in the back of the top plate to zip tie the wire in place. Adjust the lights sensors if needed.
18. MAKE SURE ALL NUTS AND BOLTS ARE TIGHT!!

## TOOLS REQUIRED

- Metric & SAE sockets
- Metric & SAE wrenches
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## 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.

