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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

2016-Up Chevy 1500 Summit
Front Bumpers

PART #:

FSC16HBL1/BSC16HBL1

INSTALLATION INSTRUCTIONS:

1. Unhook the fog light wire if present.
2. Remove the factory side brackets. There will be three 15mm bolts on each side.
3. Open the hood and remove the plastic radiator cover. There will be several push clips.
4. Remove the factory grille by removing four bolt on top and four bolts on the bottom. Also, there will be 6 clips that hold the grille in place.
5. Remove the factory bumper by removing the two 18mm bolts from each side of the frame. They will be facing down.
6. Lay the bumper down then remove the sensor and fog light wires (if present) from the bumper.
7. Also, remove the sensor holders from the factory bumper, They will be reused in the replacement bumper.
8. 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
9. Remove the tow hook bolts if present. Tow hooks will be reinstalled.
10. Install the support brackets to the outside side of the frame and reinstall the tow hooks. The driver side will only use one bolt. (Note: you may have to loosen the 21mm bolts of the 1" round bar that wraps around the body mount to install the support bracket.)
11. Reinstall the factory grille and plastic radiator cover.
12. If fog lights are present, mount them to the fog light brackets provided and then to to the Summit. Follow instructions in LBC16HBP to install.
13. 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.
14. Mount the license plate using 1/4" bolts to teh two slotted holes in teh center of the Summit.
15. Hook up the sensor and fog light wires. You will need to use the provided wire, butt connerctors and split loom for the outside sensors. Cut the wire and split loom in have and use half for each side. You can run them through the rectangle opening in the 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.
16. Make sure all nuts and bolts are tight!!

2016-Up Chevy 1500 Summit Front Bumpers FSC16HBL1/BSC16HBL1

TOOLS REQUIRED

Metric & SAE sockets
Metric & SAE wrenches

