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
07-13 Chevy/GMC
1500/2500/3500 Ex. Cab 6'6"
Bed

PART #:
RSC071E6B4W

INSTALLATION INSTRUCTIONS:

1. Check Kit Contents for accuracy.

2. Vehicle Preperation: Remove factory running boards and hardware (if applicable)

3. Start by locating the driver side running step. To do so, locate the largest step. The largest step will go towards the front of the vehicle. (Note: Some models have a straight cut end with a cap, straight cut end goes towards the rear tire.)

4. Locate the factory threaded mounting holes located under the door on the vertical part of the floor pan. Next, locate the last mounting position on the pinch weld near the back of the cab. Install a 8mm tinerman clip in the upper hole right above the pinch weld mount. (Note: quad/extended cab models will use 2 tinnerman clips inthe upper mounts on both sides. (Note: some models may have existing 8mm nuts welded in the pinch weld on each side. Four additional 8mm x 1" hex bolts may be required.)

5. Align the running step brackets with the factory bolt hole locations (Note: Be sure the larger step is towards the front of the vehicle. Start all three upper 8mm x 25mm hex bolts, 8mm flat washers, and hand tighten. Next, start the 3/8" carriage bolts, 3/8" nuts, 3/8" lock washer, and 3/8" flat washers on the bottom part of the bracket and hand tighten)(Note: The carriage bolts will start at the bottom of the bracket and then go through the pinch weld with the nut and both washers on top)

6. After final positioning, there will be a small gap in between the lower part of the bracket and the pinch weld. Starting with the lower part of the bracket and the pinch weld. Starting with the lower bolt hole locations, torque each bolt to 15-20 ft./lbs. This will load the brackets to the body. Next torque the upper bolt locations to 15-20 ft./lbs.

7. Repeat steps 3-6 for the passenger side. This concludes the installation.

PARTS LIST

NOT LISTED

TOOLS REQUIRED

- Metric and SAE sockets

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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.

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