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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

94-01 Dodge 1500 & 94-02
Dodge 2500/3500
Legend Grille Guard

PART #:

GGD94IBL1

INSTALLATION INSTRUCTIONS:

1. There is a driver's side and passenger's side top mounting bracket. Hold bracket against the side of the bumper bracket. Cut out part of the original bumper cover (as per drawing). Repeat for other side.
2. Use a 1/2" bolt to mount each bracket. When mounting, leave at least 1/4" clearance between the bumper and mounting brackets.
3. Remove the license plate and the license plate bracket. Bolt the license plate to the bumper.
4. Remove the two front bolts from each side of the frame.
5. If your truck has an air dam, remove the Torx screws that hold it up.
6. Place two 1/2" x 1 1/2" bolts in the bottom holes of the grille guard. Mount the grille guard using two 1/2" x 1 1/2" bolts and nuts in the top holes.
7. Center the grille guard from left to right.
8. There is a driver and passenger bottom mounting bracket. Mount the brackets by using the bolts which were removed earlier. Add a flat washer and lock washer to each bolt. (Bolt the bottom mounting bracket (D) below the upright bottom bracket.)
9. Tighten the bottom bolts first then the top bolts. Adjust the grille guard by loosening the front two bumper bolts from each side; open hood to check for clearance. Tighten bolts with an air impact wrench if possible.
10. Re-attach the air dam to bumper. You may want to notch the air dam around the bottom for a better fit.
11. Make sure all nuts and bolts are tightened!!

94-01 Dodge 1500 & 94-02 Dodge 2500/3500 Legend Grille Guard GGD941BL1

TOOLS REQUIRED

Metric and SAE sockets and wrenches

PARTS LIST

