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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 Ford F-150 Summit
Front Bumper

PART #:

FSF15HBL1

INSTALLATION INSTRUCTIONS:

1. To remove the factory bumper, you will need to remove the center plastic insert from the bumper. There will be several clips that hold it in place. This will allow you to have access to the bumper bolts.
2. If an Adaptive Cruise Control Module is present, located on the driver side, it will need to be unplugged and removed. It will be installed later.
3. Remove the four bumper nuts. Two on each frame rail.
4. Unplug the fog lights if present.
5. There will be two more nuts, one located on each frame rail, that needs to be removed from the back-side of the bumper
6. When removing the factory bumper, there will be three plastic push pins that will need to be removed from the top of the bumper.
7. Remove the factory tow hooks if present.
8. There is a driver (GGF15HBBDBL) and passenger (GGF15HBBPBL) side bottom bracket. Mount the bottom brackets to the bottom of the frame and then the tow hooks. Use the factory bolts to install.
9. If tow hooks are NOT present, use the hex nut tab provided to install the bottom brackets.
10. Leave the brackets loose enough so that they can be moved to line up the replacement bumper grill guard.
11. Mount the Adaptive Cruise Control Module to the Adaptive Cruise Bracket (FSF15HACBBL) provided. Use the 1/4" x 1 1/2" bolts provided. Use the four plastic spacers between the adaptive cruise bracket and the rectangular plastic cover. Mount the bracket to the angle iron that is located on the underside of the top plate with 5/16" bolts. The A.C.C. module will face forwards.
12. Mount the replacement front bumper to the outside of the bottom brackets with 1/2" x 1 1/2" bolts. Line up the bumper from side to side then tighten the bottom bolts to the frame.
13. Line up the bumper to the truck. The holes are slotted so the bumper can be raised or lowered. It can also be leaned forwards or back. Then tighten the bolts.
14. There is a driver (FSF15HTBDBL) and passenger (FSF15HTBPBL) top bracket. Use the factory double bolt-bracket to mount the top bracket to the frame. Mount the single holed side of the bracket to the outside of the upright. If you have fog lights, the fog light bracket will mount to the same hole. Use 1/2" x 1 3/4" bolt to install (Note: use instructions LBF15HBP to install fog light to fog light bracket).
15. Plug in fog light wire and adjust fog lights.
16. Make sure all nuts and bolts are tight!!

2015-Up Ford F-150 Summit Front Bumper FSF15HBL1

TOOLS REQUIRED

Metric & SAE sockets
Metric & SAE wrenches

