

<u>IMPORTANT NOTICE</u>: Be sure to inspect and test fit product before having it coated or painted. Ranch Hand will not be responsible for the cost of the coating if any problems with fit or finish are not noted and addressed beforehand.

2019-up DODGE RAM 1500 SUMMIT BUMPER PART # FSD19HBL1C

**** YOU WILL LOSE YOUR TOW HOOKS ON THIS APPLICATION **** **** MAKE SURE THE BOTTOM OF FRAME IS CLEAR OF ANY WELD SPLATTER ****

- 1. Remove tow hooks (if applied). Use 18mm and 21mm sockets to remove.
- 2. Remove the front inner fender well. Remove the three 8mm screws from the fender and loosen the two 8mm screws located on the frame.



- 3. Unplug the sensor/fog light wiring harness (if applied). It is located on the driver side frame.
- 4. Remove the bumper by removing the three 18mm nuts on each side.



5. Remove the tow hooks (if applied). Loosen the 18mm bolt that goes through the frame to the body mount. On tow hook models, cut off the rubber boot from around the bolt.



----- WARNING ------

Special care should be exercised in the handling, storage and installation of 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. Rev. 2021



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6. There is a driver and passenger mounting bracket. Mount the bracket to the bottom of the frame.



- 7. Install the metric bolt (provided) with a washer through the front frame hole.
- 8. For the back hole, use one large and one small spacer washer. Place over the factory bolt and hand tighten.
- 9. Mount the Summit to the bracket by using the ¹/₂" hardware provided. Center the bumper and then tighten bolts. If not centered, you can move the mounting brackets a little until centered. Also tilt the Summit back or forwards to line up the loops to the headlights. Once lined up tighten bolts.
- 10. Install the top mounting brackets. Use the 7/16" hardware to install them to the frame. Use $\frac{1}{2}$ " hardware to install to the uprights. Tighten all bolts. *See Drawing 1*
- 11. To install the fog lights, follow instructions on LBD19HBP.
- 12. Remove the sensors and fog lights along with the wiring harness from factory bumper.
- 13. If sensors are present, install the rubber grommets into the Summit bumper. Install the sensors into the grommets. (*You may want to use a little WD-40 into the grommet to help with sensor install*). The four outside sensors will be installed horizontally like how they were installed in the factory bumper. The two center sensors will be set at a 45degree angle. (*This is critical*). *See Drawing 2*
- 14. Plug in the sensors. (*On some applications you will need to unclip the sensor/fog light connector from the frame. You can zip tie it to the frame*). Also, there are two small holes in the center of the top plate that the wiring harness can be clipped, or zip tied to keep it secure. *MAKE SURE ALL NUTS AND BOLTS ARE TIGHT!*

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