

**IMPORTANT NOTICE:** 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.

**NOTE: EXCLUDING KING RANCH AND PLATINUM MODELS WITH ALUMINUM TAILGATE PANEL.**

### TOOLS REQUIRED

- Ratchet and extension
- 7/16", 5/8" & 11/16" sockets and/or wrenches
- 10mm, 13mm, 15mm
- 5/32" Allen wrench
- Flat & Phillips screwdriver
- Cutting pliers
- Wire crimpers
- Butt connectors



Please read through the entire set of instructions before continuing with installation to familiarize yourself with the process, save time, and make sure that you have all the correct tools and parts needed to complete this installation. More detailed instructions can be found on our website.

### DISASSEMBLY INSTRUCTIONS

1. Remove license plate.
2. Remove spare tire lock.
3. Disconnect the factory trailer plug and remove from bumper.
4. Unplug the factory license plate lights.
5. If sensors are present, remove the sensors and harness from factory bumper.
6. Remove the top plastic part of the bumper. To remove this part, you will need to squeeze the plastic clips (located on the bottom side of the bumper) together and push up.
7. Remove the (2) 10mm bolts that are located on the plate that is located on top of the receiver hitch. (You will need to bend/flatten the tabs before installing the bumper).
8. Remove the (2) side metal bumper pieces from the truck. There will be (4) 15mm bolts on each side.

### PREPPING AND INSTALLING THE MIDNIGHT BACK BUMPER

To prepare for installation, begin by laying out the included components. Please inspect all parts of your new Midnight product before installing. If any parts are missing or damaged, please contact Customer Service Team, [customerservice@ranchhand.com](mailto:customerservice@ranchhand.com), immediately before proceeding with installation.

1. Begin by unwrapping the bumper and checking that all parts are accounted for.
2. Mount the license plate to the back plate using 1/4" button head bolts and keps.
3. From the back side of the bumper, install the spare tire lock bracket. The flat with the round notch goes to the top. Use 1/4" button head bolts and keps to install.
4. Place the light bracket in position over the light insert. Secure both the light inserts and brackets to the bumper using the 1/4" button head bolts and keps (7x per side).
5. Repeat this step for both the passenger and driver side of the bumper.
6. Install the bumper by using the 7/16" hardware.
7. Before tightening the bolts, slide the trailer plug through the trailer plug opening and make sure it fits. Adjust bumper as needed then tighten hardware. (On 2021-up models you will need to remove the "knock out" tabs).
8. Cut the factory license plate wires. Strip wires and use butt connectors to install provided license plate lights.

### FOR VEHICLES WITH SENSORS

**NOTE:** ON 2015-20 MODELS YOU WILL NEED TO USE PIGTAILS FOR THE OUTSIDE SENSORS.

1. If your vehicle has OEM parking sensors, remove the "knock outs" and install grommets.
2. Using the grommets provided in the included bolt pack, reinstall the OEM sensors. Place the grommet in the holes of the bumper. Once grommets are in, apply WD-40 around the inside of the grommet to help guide the sensor into place without damaging it. Push the sensor through the grommet from the back side of the insert.
3. Secure the harness using tape or zip-ties.

