



**BLACK HORSE
OFF ROAD®**

TEL: 1-866-XANATOS

INSTALLATION INSTRUCTIONS

LD2 REAR BUMPER

2019-24 RAM 1500 (Incl. Rebel Trim & Excl. 19-24 Ram 1500 Classic)

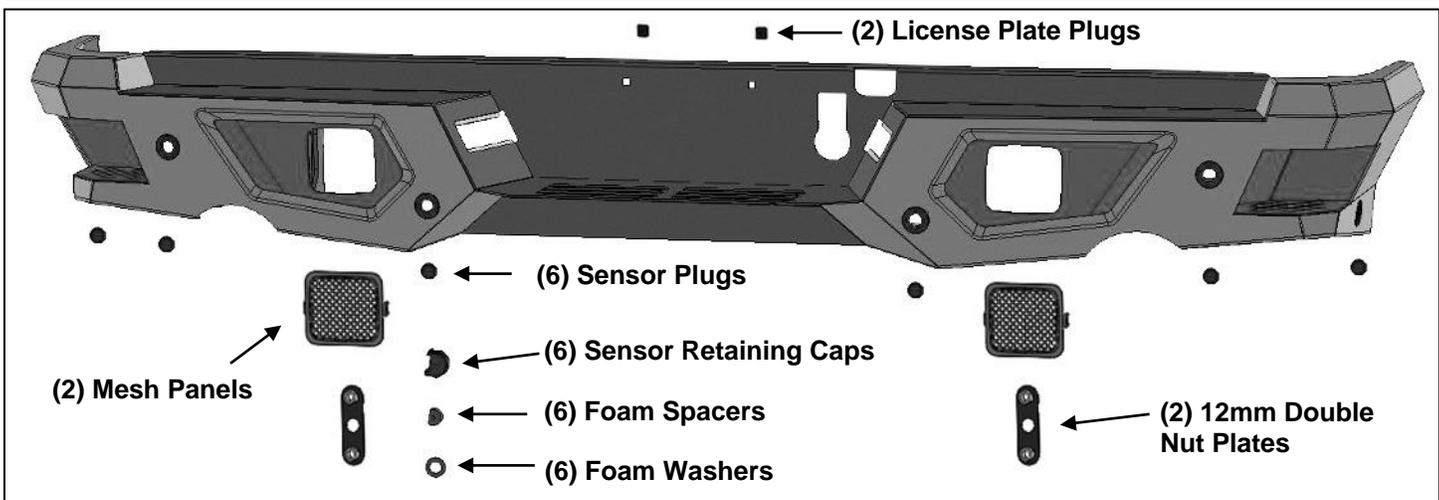
PART#ARB-RA19/ARB-RA19-KIT

LD2 REAR BUMPER

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PARTS LIST:

1	LD2 Rear Bumper	2	12mm Double Nut Plates
2	Mesh Panels	4	6-1.0mm x 20mm Combo Bolts
2	License Plate Plugs	4	6mm Flange Nuts
6	Sensor Hole Plugs	2	4mm x 10mm Button Head Bolts
6	15.5mm x 25mm x 2mm Foam Washers	4	4mm x 12mm x 1mm Flat Washers
6	20mm x 10mm Foam Spacers	2	4mm Lock Washers
6	Retaining Caps	2	4mm Hex Nuts
1	Sensor Cover Kit	12	Self-Tapping Screws
4	12-1.75mm x 35mm Hex Bolts	10	Wire Ties
4	12mm x 37mm x 3mm Flat Washers	1	4mm Hex Wrench
4	12mm Lock Washers	1	2.5mm Hex Wrench



PROCEDURE:

REMOVE CONTENTS FROM BOX. VERIFY ALL PARTS ARE PRESENT. READ INSTRUCTIONS CAREFULLY BEFORE STARTING INSTALLATION. BUMPER IS HEAVY, ASSISTANCE IS HIGHLY RECOMMENDED TO AVOID POSSIBLE INJURY OR DAMAGE TO THE VEHICLE. ON MODELS WITH DUAL EXHAUST, ALLOW EXHAUST TO COMPLETELY COOL BEFORE STARTING INSTALLATION.

1. Start installation by removing the license plate, **(Figure 1)**. Next, remove the (2) factory hex bolts behind the license plate, **(Figure 2)**. Locate and unplug the main wire harness from the Bumper, **(Figure 3)**. Release the clips holding the main wire harness to the Bumper.
2. Place blocks or jack stands under the bumper to support it during hardware removal. Once the bumper has been safely supported, remove the (4) factory bumper bolts, (2 per side), and slide the rear bumper off the end of the frame, **(Figures 4 & 5)**. **WARNING!** Assistance is required to hold the bumper in place during hardware removal and to prevent the bumper from falling. Move the bumper to a flat, clean surface.
3. Unplug and remove the license plate lights, trailer plug, remote key antenna and sensors if equipped, **(Figures 6—8)**. Release the wiring harness from the back of the bumper.
4. Align the remote antenna to the front of the mounting tabs on the back of the LD2 Bumper. Use (2) 4mm Button Head Bolts, (4) 4mm Flat Washers, (2) 4mm Lock Washers and (2) 4mm Hex Nuts to attach the remote key antenna to the Bumper, **(Figure 9)**.
5. **Determine if lights will be installed to the bumper, (lights not included)**
Light Cover Panel installation, do not install lights with the Mesh Panels:
 - a. Select (1) Mesh Panel.
 - b. Attach the Panel to the Passenger/Right side of the Bumper with (2) 6mm Button Head Combo Bolts and (2) 6mm Flange Nuts, **(Figure 10)**.
 - c. Repeat previous **Steps** to attach (1) Mesh Panel to the Driver/Left side.**Light installation, (light not included):**

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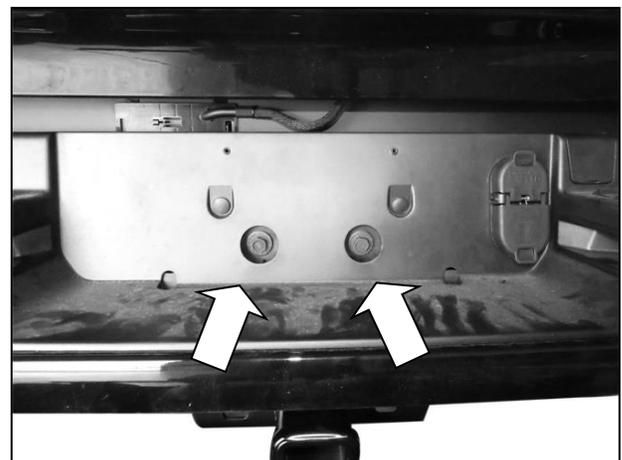
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- a. Select (1) Light. Follow the light manufacturer's instructions to attach light to the tab above the square hole in the Bumper, **(Figure 10)**. Repeat to attach (1) Light to the Driver/Left side.
- b. Follow light manufacturer's instructions to properly wire the light.
6. **Determine if the vehicle is equipped with parking sensors**
Models without rear sensors:
 - a. From the front of the bumper, push the included Plastic Plugs into sensor mounting holes, **(Figure 11)**.**Models equipped with rear sensors:**
 - a. Select the outer sensor.
 - b. Select (1) Foam Washer. Remove the OE washer from the front of the sensor. Place the provided Foam Washer onto the front of the sensor, **(Figure 12)**.
 - c. Slide the sensor into the sensor mount on the back of the LD2 Bumper. Place (1) Foam Spacer onto the end of the sensor. Push (1) Sensor Retaining Cap onto sensor mount and snap into place, **(Figure 13)**.
 - d. Repeat the previous **Steps** for the remaining (3) or (5) sensors as equipped.
7. With assistance, position the LD2 Bumper up to the factory hitch mounting brackets. Temporarily, support the weight of the Bumper. **WARNING:** To avoid possible injury or damage to the vehicle, do not proceed until the Bumper is fully and safely supported.
8. Reuse the factory hardware to attach the factory license lights to the mounting tabs, **(Figure 14)**.
9. Insert the trailer plug into the opening in the LD2 Bumper, **(Figure 14)**. Reinstall the factory wiring harness.
10. Attach the Driver/Left side of the Bumper to the frame with (2) 12mm Hex Bolts, (2) 12mm Lock Washers, (2) 12mm Flat Washers and (1) 12mm Double Nut Plate, **(Figures 15 & 16)**. Repeat this **Step** to attach the Passenger/Right side of the Bumper to the frame. Do not tighten hardware.
11. Slowly open the tail gate and check for clearance. Level and adjust the Bumper. Tighten all hardware.
12. Insert the (2) License Plate Plugs to attach the license plate to the LD2 Bumper, **(Figure 17)**.
13. Plug in all wiring harnesses.
14. Do periodic inspections to the installation to make sure that all hardware is secure and tight.

To protect your investment, Do not use any type of polish or wax that may contain abrasives that could damage the finish. Mild soap may be used to clean the Rear Bumper assembly.

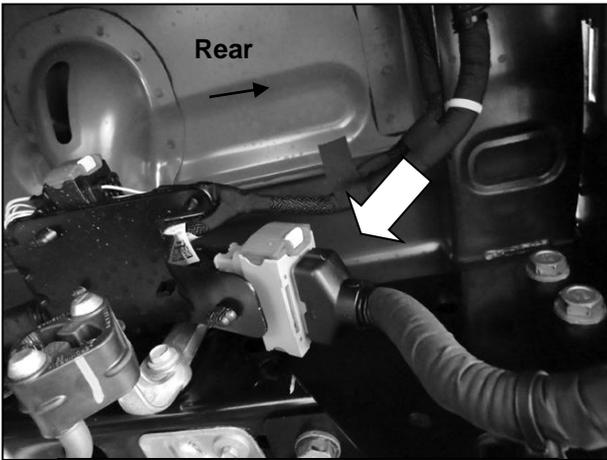


(Fig 1) Remove License Plate



(Fig 2) Remove the (2) factory bolts behind the license plate

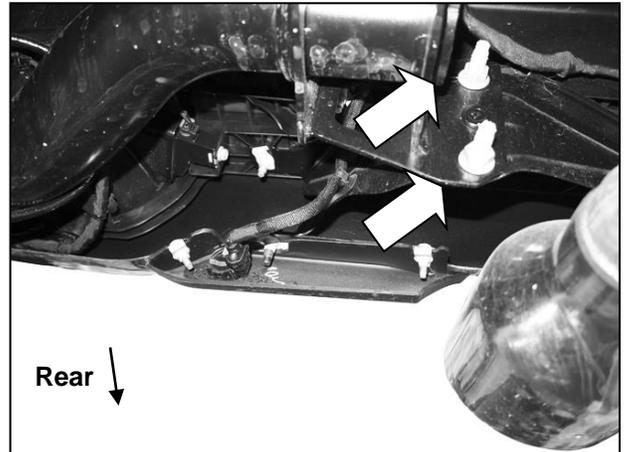
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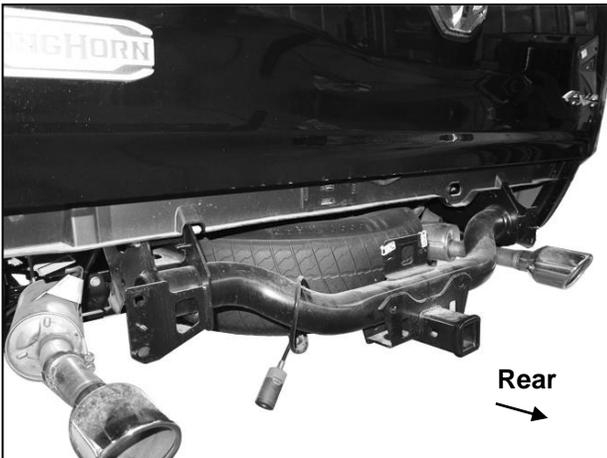
(Fig 3) Unplug the main wire harness

WARNING! Do not remove bumper bolts unless the bumper is properly supported on blocks or it may fall.

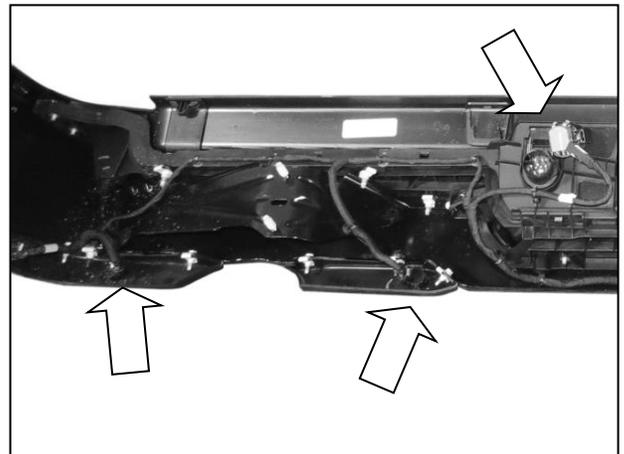
Models with dual exhaust, allow exhaust to completely cool before starting installation



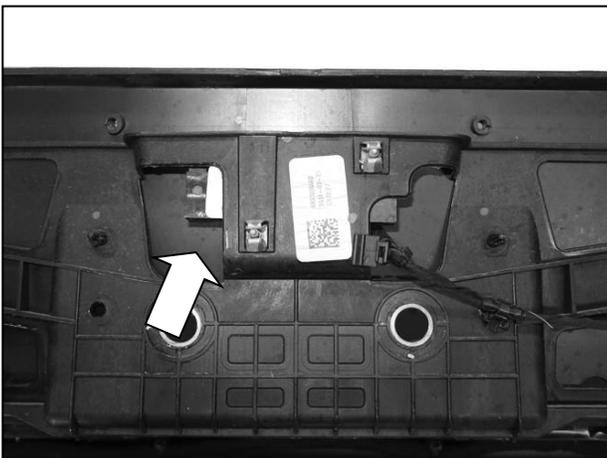
(Fig 4) Remove (2) factory bolts, per side, from behind the bumper (Driver/Left side pictured)



(Fig 5) Bumper completely removed



(Fig 6) Unplug the sensors, trailer plug, license plate lights and remote key antenna from the wire harness. Release the wire harness from the back of the bumper.



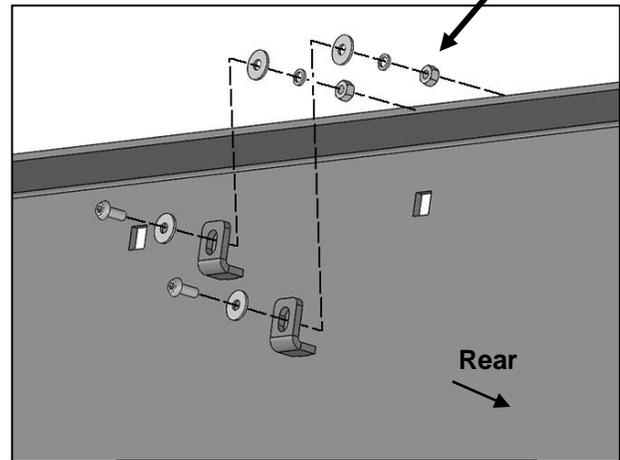
(Fig 7) Remove rear remote key antenna from behind bumper (arrow)

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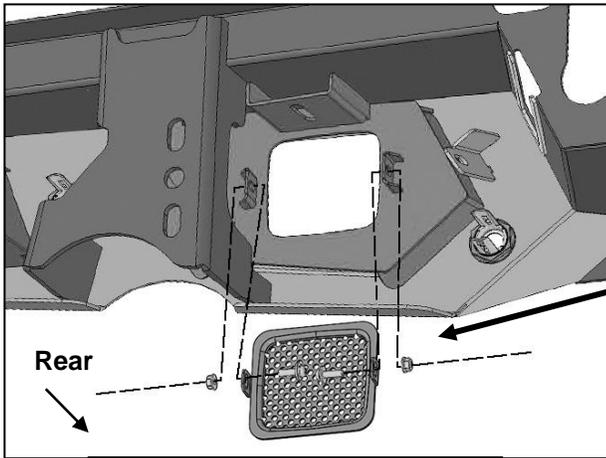


(Fig 8) Remote key antenna

- (2) 4mm Button Head Bolts
- (4) 4mm Flat Washers
- (2) 4mm Lock Washers
- (2) 4mm Hex Nuts

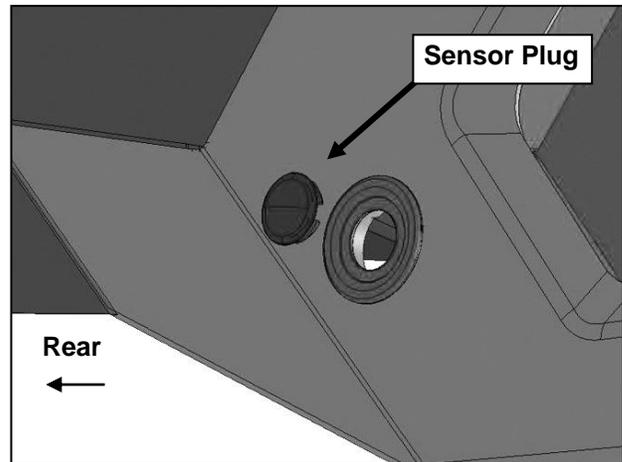


(Fig 9) Attach remote antenna to the back of the LD2 Bumper



- (2) 6mm Button Head Combo Bolts
- (2) 6mm Flange Nuts

(Fig 10) Attach Mesh Covers to the back of the LD2 Bumper

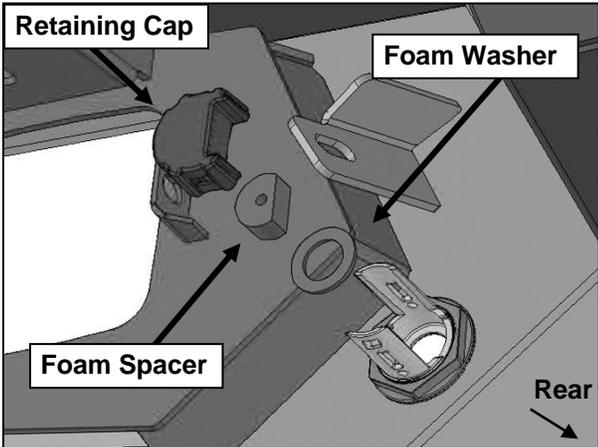


(Fig 11) Push Plugs into the sensor mounts



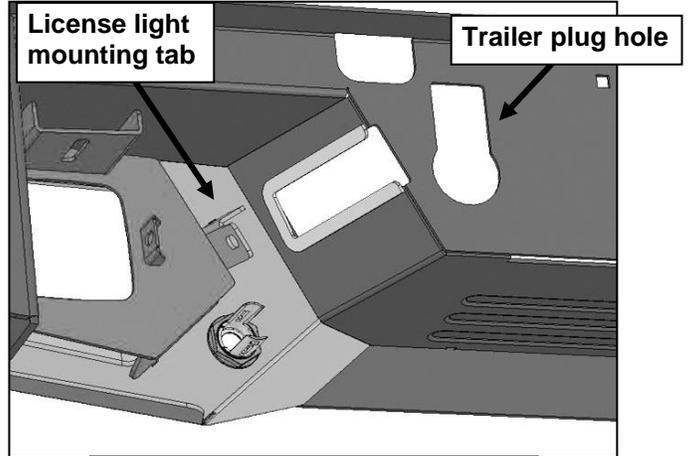
(Fig 12) Remove OE sensor washer and place the provided Foam Washer onto the front of the sensor

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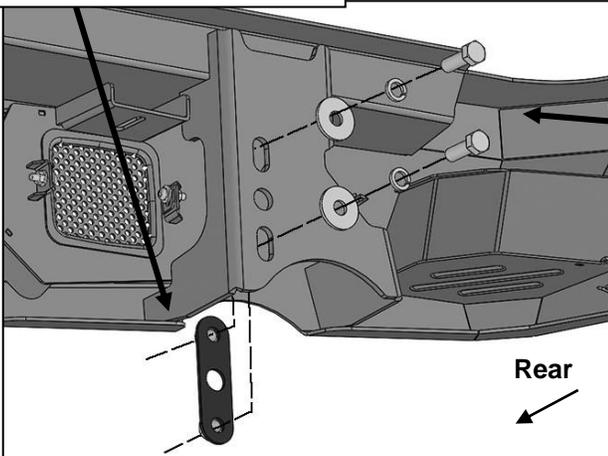
(Fig 13) Insert sensor into the Mount. Place Spacer onto sensor. Snap Retaining Cap onto sensor

WARNING! Do not crawl under bumper unless it is properly supported on blocks or stands or the bumper may fall.



(Fig 14) Attach the factory license light to the mounting tabs

(1) 12mm Double Bolt Plate

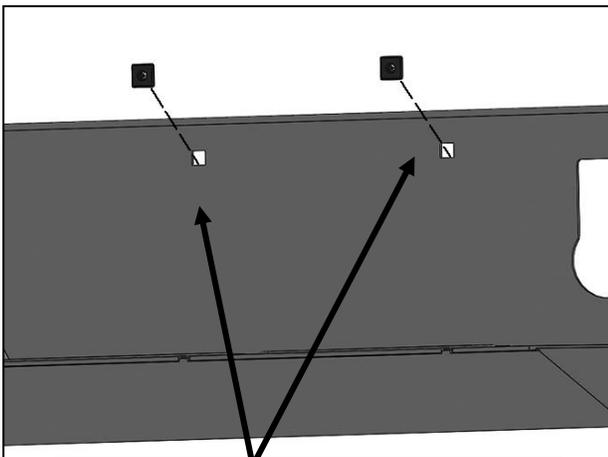


**(2) 12mm Hex Bolts
 (2) 12mm Lock Washers
 (2) 12mm Flat Washers**

(Fig 15) Attach the driver/left side of the Bumper to the end of the frame



(Fig 16) Driver/left side of Bumper installed



(Fig 17) Insert (2) License Plate Plugs