



INSTALLATION MANUAL

FBG245BLR

Level of Difficulty

Moderate

Installation difficulty levels are based on time and effort involved and may vary depending on the installer level of expertise, condition of the vehicle and proper tools and equipment.

Parts List

Qty	Description
1	Winch plate, WPG245BL1
1	License plate bracket, FBLPRCBP
2	Mounting plates
1	DS Light bracket
1	PS Light bracket
1	DS Air duct bracket
1	PS Air duct bracket
1	Grill insert 2
4	Rubber grommet
12	Hex head bolt, 1/2"-13 x 1 3/4", grade 8
24	Flat washer, 1/2"
12	Lock washer, 1/2"
12	Hex nut, 1/2"-13
4	Hex head bolt, M10-1.50 x 45mm
4	Flat washer, 7/16"
4	Lock washer, 7/16"
12	Black button head bolt, 1/4"-20 x 3/4"
12	Black kep nut, 1/4"-20
1	Sport front bumper

* Footnote

Tools Required

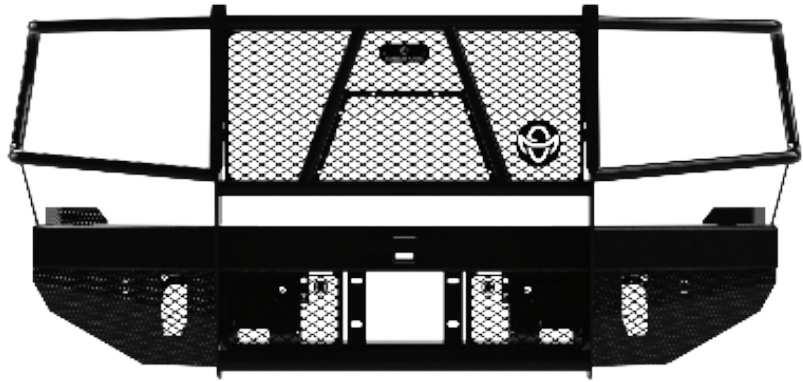
Ratchet	Extension (optional)
Torque wrench	Torx bit, T-15
Allen wrench, 5/32"	Pry tool
SAE Socket set	Metric socket set
SAE Wrenches	Metric wrenches
Flat screwdriver	Utility knife
18mm ratchet wrench(optional)	

Torque Specifications

1/2" bolt gr5	75 ft-lbs.
1/2" bolt gr8	110 ft-lbs.
M10 bolt	34 ft-lbs.

Use above torque setting unless otherwise noted

Product Photo



NOTICE

Visit www.ranchhand.com for a full-color copy of this instruction manual, as well as helpful videos, guides and much more!

Before you begin installation, read all instructions thoroughly.

Proper tools will improve the quality of installation and reduce the time required.

Always disconnect the vehicle battery before removing sensors or disconnecting wiring harnesses. Ranch Hand is not responsible for sensor miscalibration or accidental deployment of airbags during installation.

Always mark the orientation of sensors prior to removal from the factory bumper. Many vehicle sensors are calibrated to a particular orientation, and reinstallation sideways or upside down will impact vehicle performance. A piece of masking tape, a grease pencil, or other mark to indicate the sensor's original orientation will help to ensure proper re-installation.

Fits 2024-up GMC 2500HD/3500HD.

You will lose your tow hooks.

Periodic inspection of your product should be performed to ensure all hardware and / or components remain secure.

To help prevent damage to the product or vehicle, refer to the specified torque specifications when securing hardware during the installation process.

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.

Maintenance

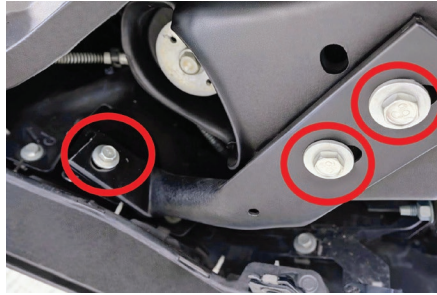
Mild automotive detergent may be used to clean the product. Do not use dish detergent, abrasive cleaners, abrasive pads, wire brushes or other similar products that may damage the finish.

Product Registration and Warranty

Ranch Hand stands behind our products with industry-leading warranties. To get copies of the product warranties, register your purchase or provide feedback, visit: warranty.curtgroup.com/surveys

Step 1

Remove the bumper side brackets. There will be (2)15mm bolts to the frame and (1)15mm to the bumper on each side.



Step 2

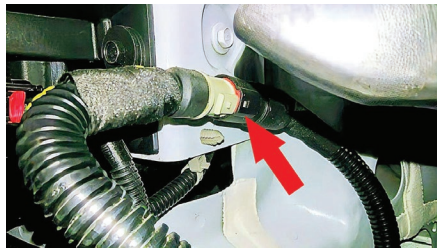
Remove the tow hooks.

Step 3

If fog lights and/or sensors are present, unplug the main wiring harness located on the passenger side frame.

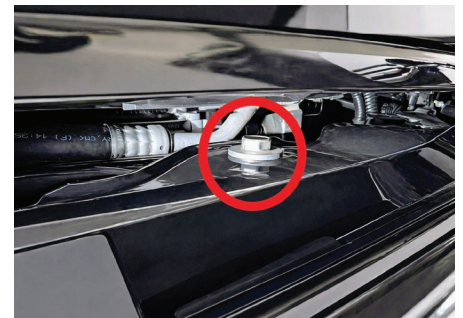
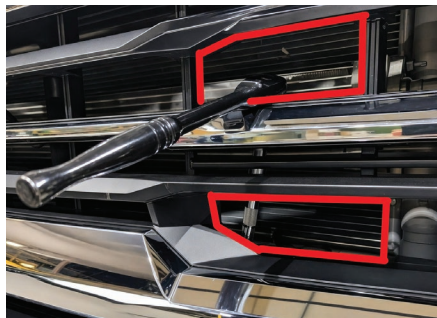
Step 4

On diesel models, disconnect the block heater plug located on the driver side frame as well.



Step 5

Remove the bottom and top bumper bolts. You can get to the bottom bolts through either of these openings of the grille insert. The top bumper bolts can be accessed through the opening between the grille and bumper. Remove the bumper.

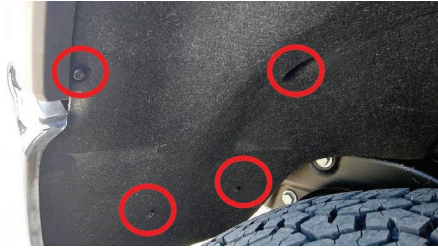


Step 6

If you cannot remove the bumper by Step #5, you will need to continue to Step #7. otherwise, skip to Step #13.

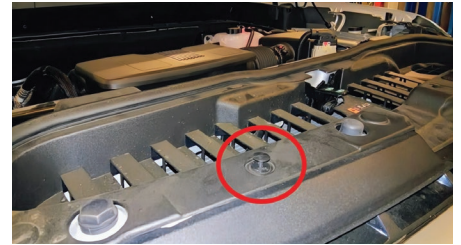
Step 7

To remove the factory bumper, you will need to remove the factory grille. You will need to remove the side panels first. Start by removing the inner fender well screws. This will allow you to get to the back side of the plastic clips. There will also be a small screw in the corner that need to be removed before the side panel can be pulled off.



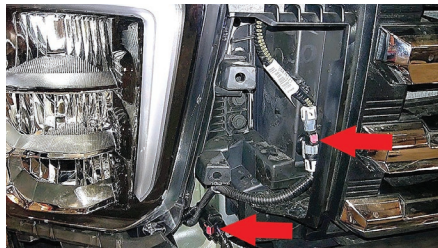
Step 8

Remove the factory grille. Open the hood and remove the hood release latch by removing (2) T15 screws. Remove the (10) plastic clips holding the upper radiator support cover.



Step 9

Disconnect the sensor/fog light wiring harness. Also, if vehicle is installed with a front camera, unhook the connector. The grille can then be removed by removing (4) 10mm bolts on top and pulling the grille away from the truck to release the clips.



Step 10

Remove the factory bumper by removing the (2) 18mm bolts from each side of the frame. They will be facing down.

Step 11

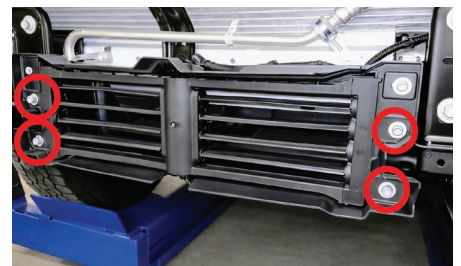
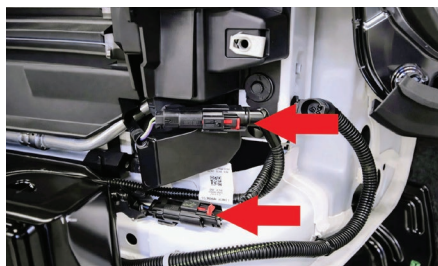
Reinstall the factory grille, plastic radiator cover and side panels.

Step 12

Lay the bumper down then remove the sensor and fog light wiring harness and block heater plug (if present) from the bumper. You will have to remove the (2) large black bumper support plates to remove sensors.

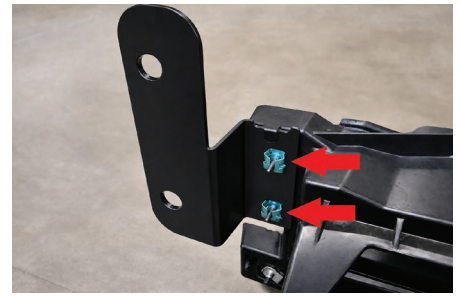
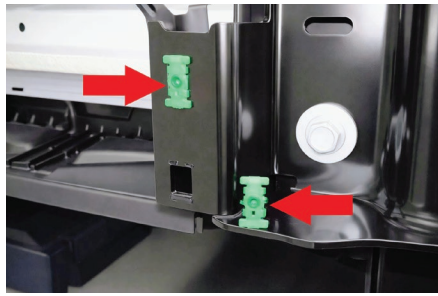
Step 13

Unplug and remove the lower louvered air duct panel.



Step 14

Pop out the clips and insert them in the brackets provided.



Step 15

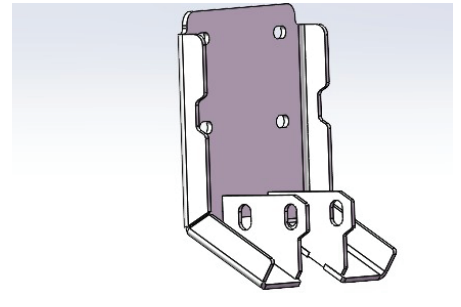
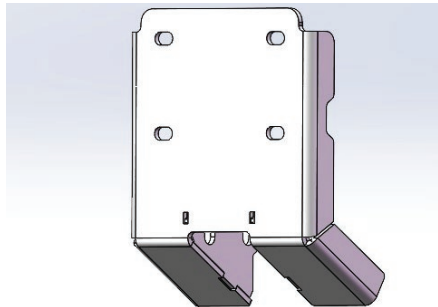
Remove the (2) black bumper mounting plates by removing the (4) 15mm bolts. The bolts will be used to install the replacement bumper.

Step 16

Mount the winch/winch plate to the bumper. Follow instruction WPG245BL1 to install.

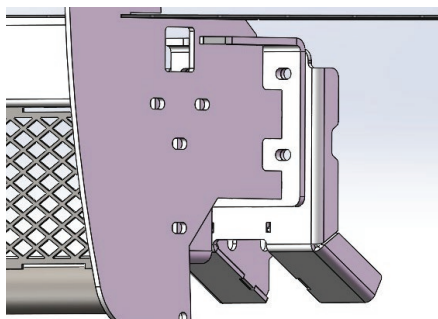
Step 17

Mount the frame plates to the frame by using 1/2" x 1 3/4" bolts, washers, lock washers and nuts.



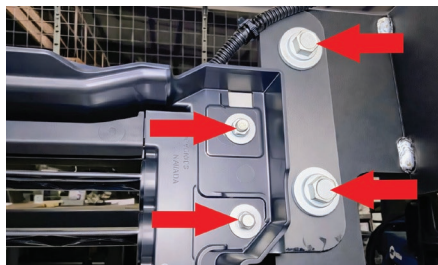
Step 18

Mount the frontend to the frame by using M10 x 45mm bolts, 7/16" washers and lock washers. Level the frontend and then tighten bolts. Only mount the outside bolts for now.



Step 19

Mount the louvered air duct and brackets to the inside bolts of the replacement bumper.



Step 20

Mount the license plate using 1/4" black button head bolts and nuts to the bottom grille insert.

Step 21

Hook up the sensor and fog light wires. Use the rubber grommets to install the sensors. You can run the wires through the square opening in the mounting brackets just below the top plate.

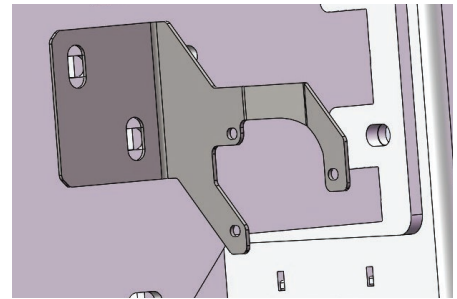
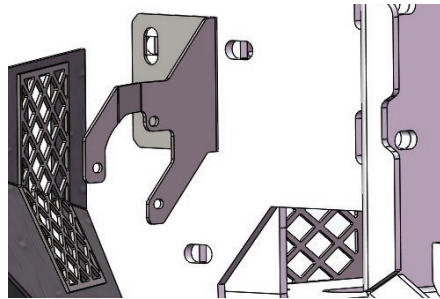
Step 22

On the driver's side end cap, there is a knock-out plug. If you have a diesel motor, punch out the opening to install the block heater plug.



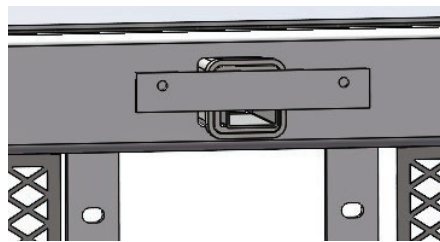
Step 23

Install the fog lights into the light brackets. Use (3) 1/4" black button head bolts and nuts. Mount the light brackets to the uprights as shown.



Step 24

Mount the license plate to the receiver hitch license plate bracket using 1/4" bolts and nuts. Then mount the bracket in the receiver hitch using a hitch pin (not provided).

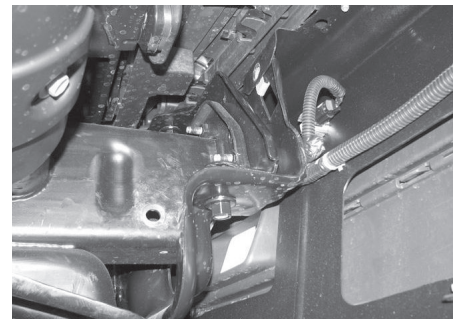
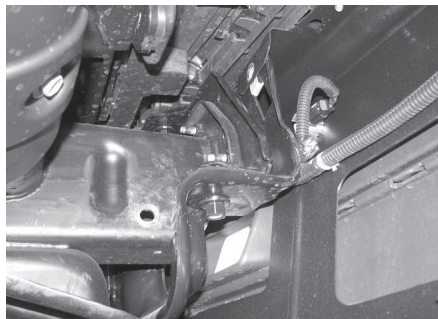


Step 25

If the vehicle does not have a camera, install small insert by using the 1/4" black button head bolts and nuts.

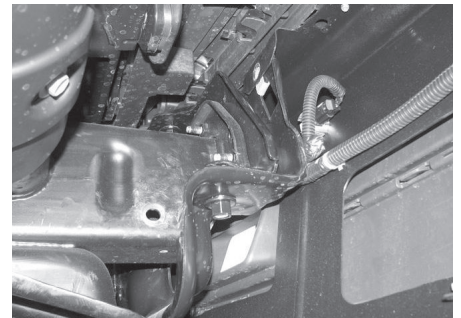
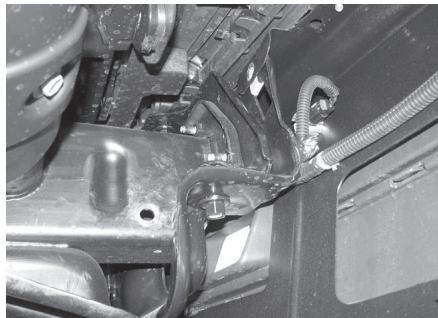
Step 2

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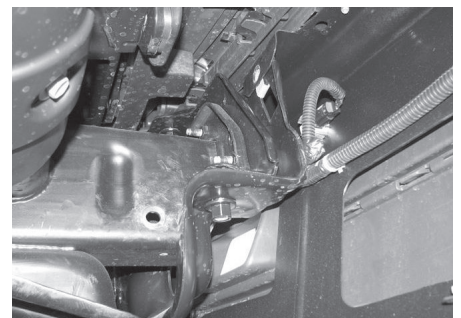
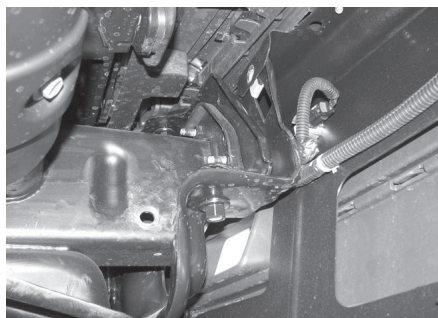
Step 3

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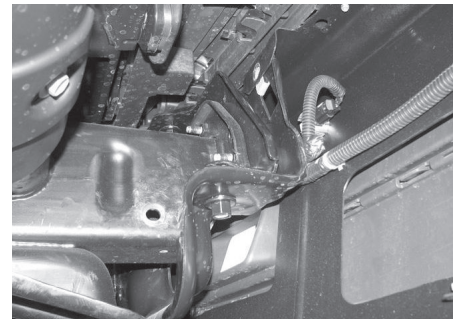
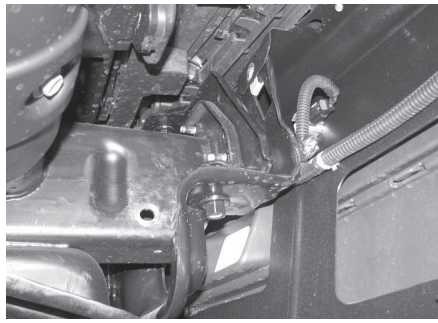
Step 4

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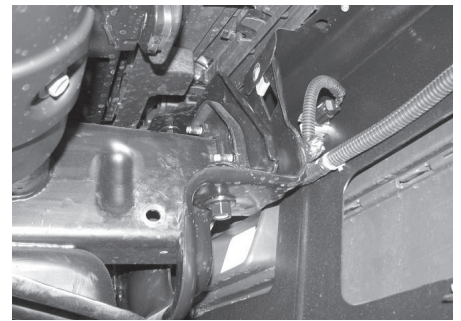
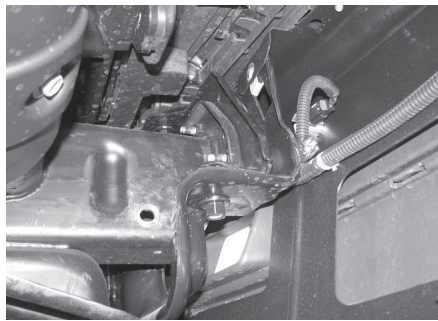
Step 1

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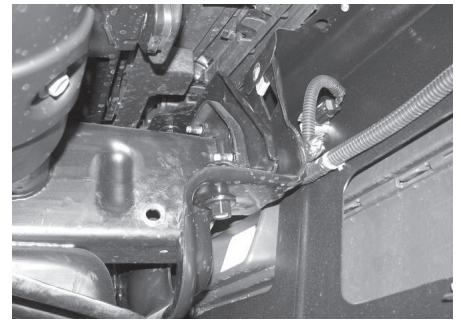
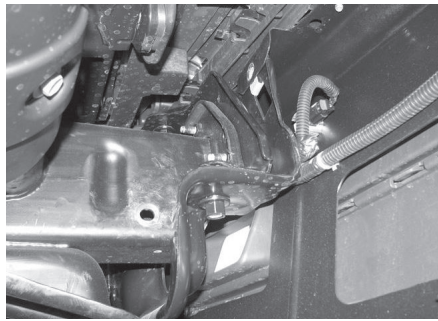
Step 2

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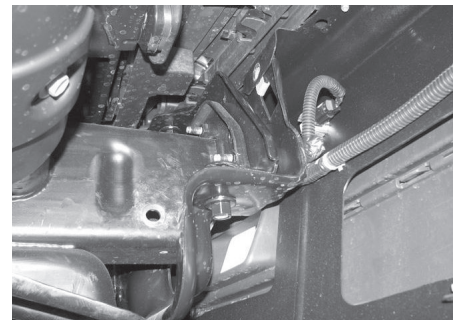
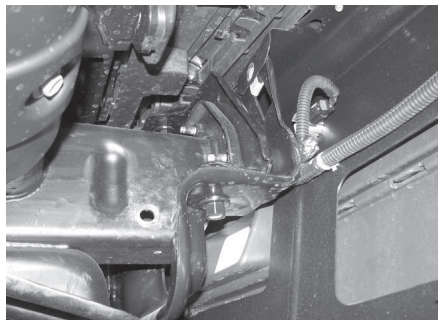
Step 3

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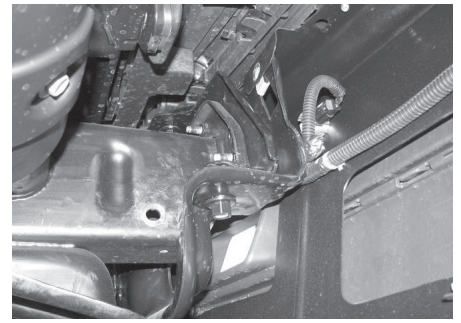
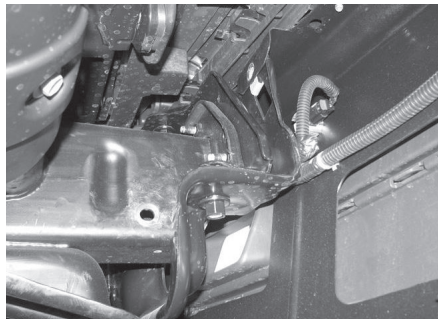
Step 4

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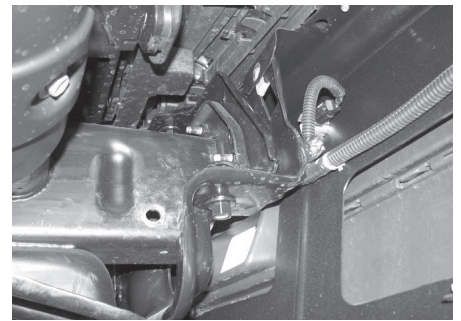
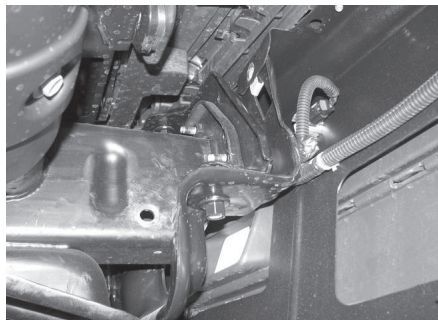
Step 1

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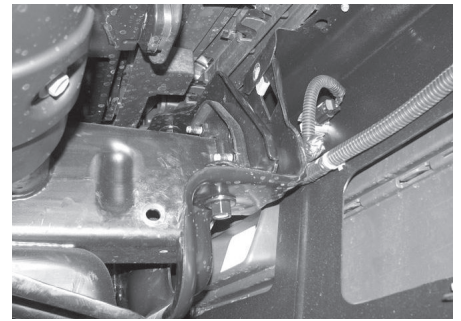
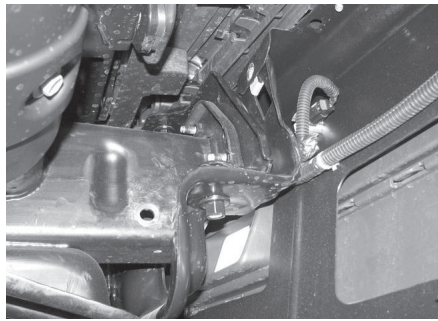
Step 2

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Step 3

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Step 4

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