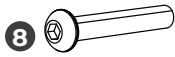
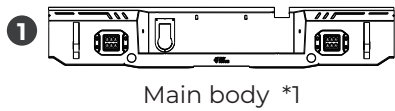


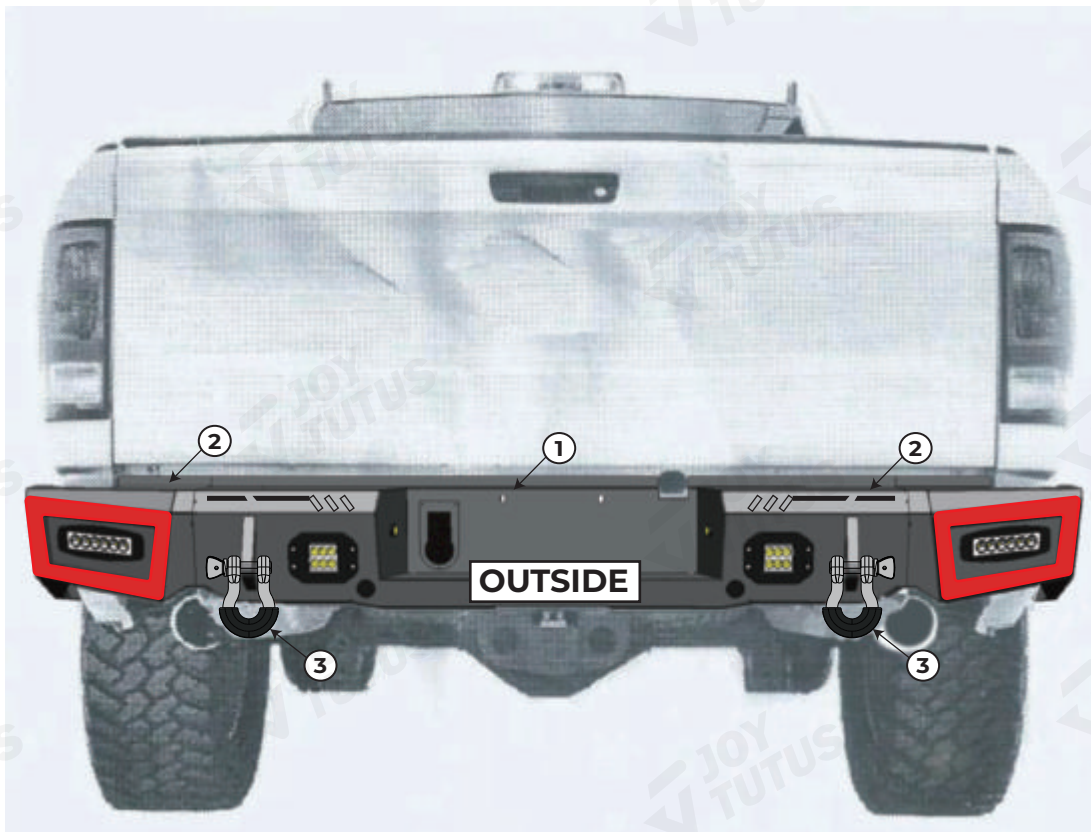
✓ IMPORTANT

Before installation, please make sure that all accessories are ready.
(As shown in the picture below)

✓ PRODUCT INFORMATION



✓ INSTALLATION COMPLETION DIAGRAM



CUSTOMER SUPPORT

Contact us by email:
service@joytutus.com

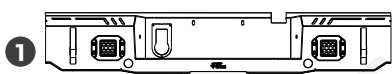
JOYTUTUS help center:

<http://support.joytutus.com>

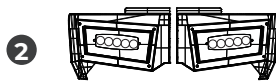
INSTALLATION METHOD

STEP 1: Assemble the new bumper.

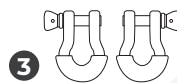
Required accessories:



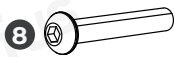
1 Main body *1



2 Flanking left and right *2



3 D-ring *2



8 M10X30 Button
Head Bolt *8



9 M10 Spring Washer *8



10 $\varnothing 10 \times 20 \times 1.0$ Flat Washer *16

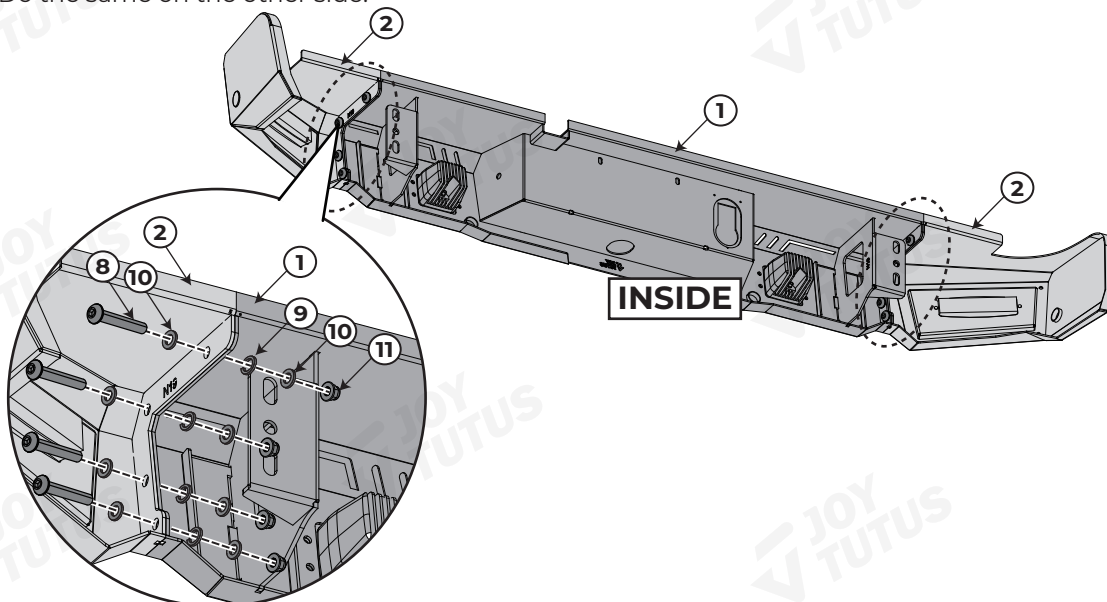


11 M10 Flange Nuts *8

You need to prepare the 6mm, 19mm sockets, torque wrench, and ratchet wrench by yourself.

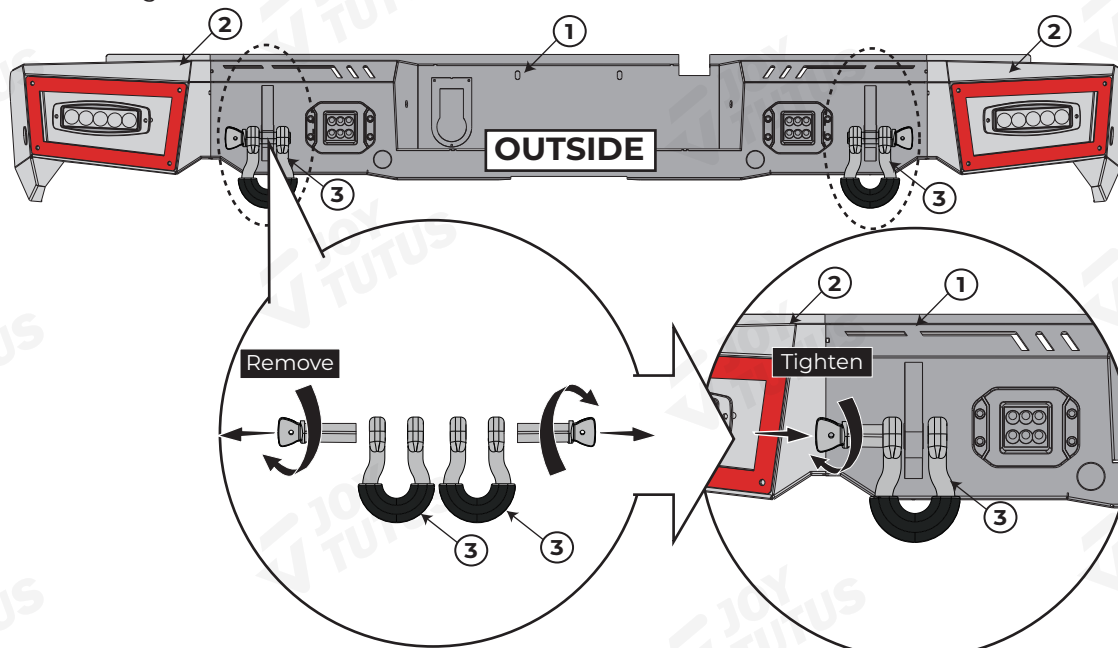
STEP 1-1

- 1) Fix the main bumper body and wing with parts [8],[9],[10],[11].
- 2) Do the same on the other side.

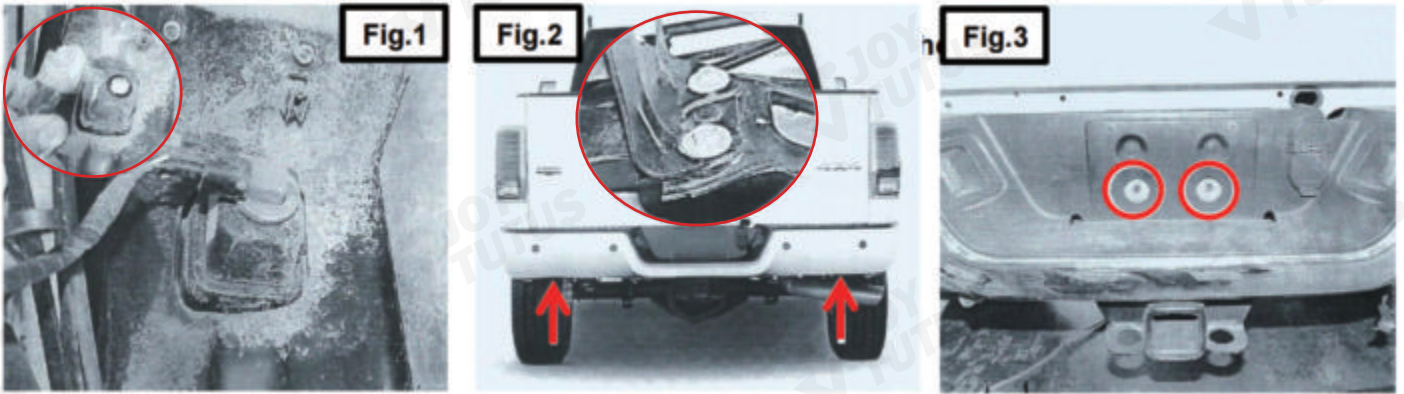


STEP 1-2

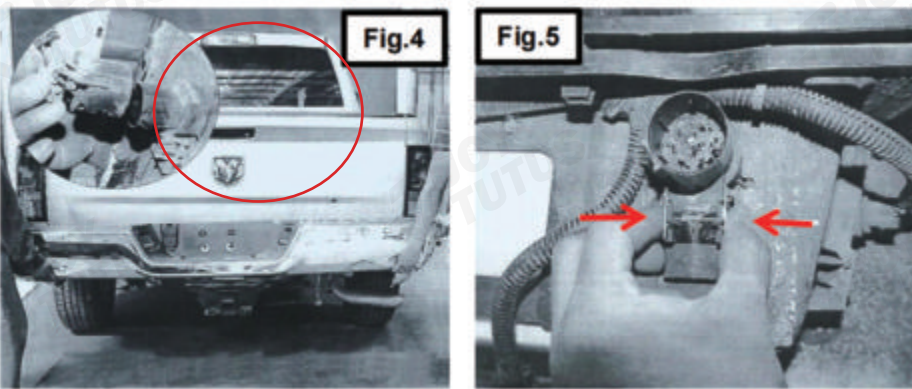
Just install the D-rings on both sides.



STEP 2: Remove the original bumper.







- 1) From beneath the vehicle, locate and disconnect the factory license plate light. Repeat this step on the opposite side. (Fig. 1)
- 2) Using an 18mm socket, locate and remove the two factory bolts securing the bumper to the frame. Repeat on the opposite side. (Fig. 2/ Fig. 3)



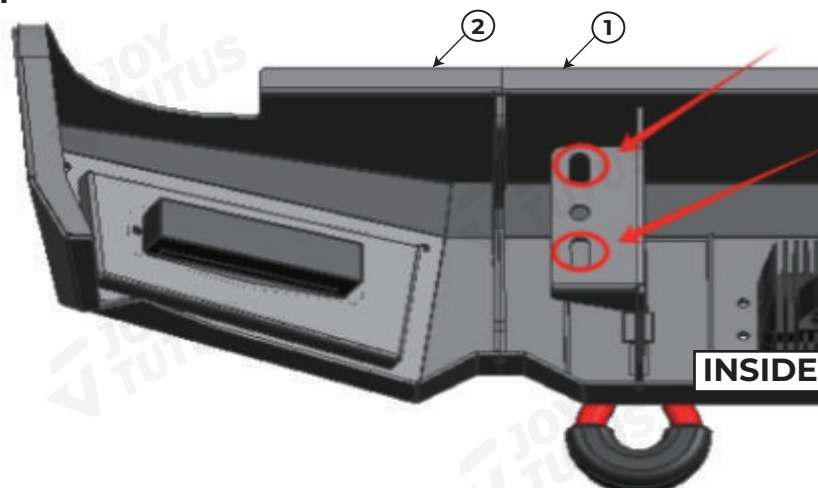
- 3) Locate and remove the locking clip from the trailer wiring harness. Then, remove the factory bumper from the vehicle. (Fig. 4)
- 4) Working behind the bumper, locate and remove the trailer hitch wiring harness by firmly pressing on both retaining clips (Fig. 5). Detach the harness from the factory bumper and set it aside for later use.

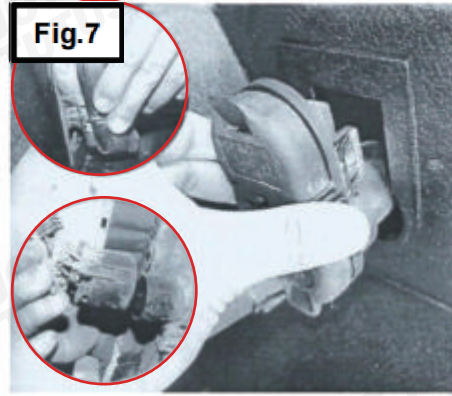
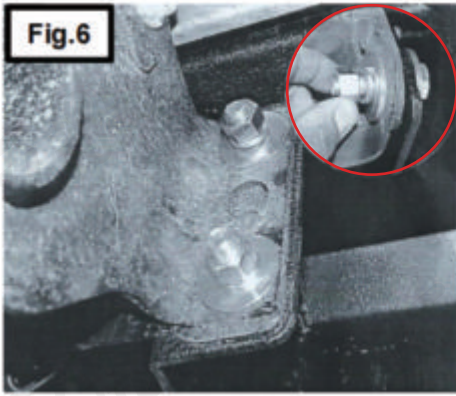
STEP 3: Install the new bumper.

Required accessories:

- | | | | |
|--|---|--|--|
| 
④ M12X40 Hex Head Bolt *4 | 
⑤ M12 Spring Washer *4 | 
⑥ $\Phi 12 \times 30 \times 2.0$ Flat Washer *8 | 
⑦ M12 Hex Nuts *4 |
|--|---|--|--|

Installation Diagram





- 1) With the help of an assistant, position the supplied bumper onto the vehicle. Align the bumper's mounting holes with the corresponding holes on the vehicle frame.
- 2) From behind the bumper, insert a supplied M12 x 40mm hex head bolt with an M12 flat washer through the aligned bumper and frame hole. On the front side of the frame, slide on another M12 flat washer followed by an M12 spring washer. Thread the supplied M12 hex nut onto the bolt and tighten securely using an 18mm wrench. Repeat this process for the remaining bolt on this side, and then complete both bolts on the opposite side. (Fig. 6)
- 3) Route the factory trailer hitch wiring harness through the designated shaped hole in the new bumper. Reinstall the hitch receiver locking clip to secure the harness in place. (Fig. 7)
- 4) Connect the license light. Congratulations, your installation is complete.

Installation Images Disclaimer :

All installation images provided are for reference purposes only. The actual product may vary slightly from the images shown. However, the installation process remains the same.




Safety Reminder:

For your safety, please regularly inspect all accessories connected to the vehicle to ensure they are securely fastened and functioning properly.

Important Electrical Notice:

This bumper includes integrated LED lights that require proper power connection. Incorrect installation may cause permanent damage to the lights or your vehicle's electrical system, and could pose a safety risk. If you are not experienced with vehicle wiring, we strongly recommend having the connections made by a qualified professional installer.

Light Parameter Display:

Light name	Light model	Photo	Quantity	Power	Input voltage	Protection rating
Work light 4	D4		2	18W	10-30V DC	IP 67
Work light 5	D5		2	18W	10-30V DC	IP 67
license light	D7		2	10w	12v	IP 67

WARNING

FCC STATEMENT :

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference.
- (2) This device must accept any interference received, including interference that may cause undesired operation.

Warning: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- (1) Reorient or relocate the receiving antenna.
- (2) Increase the separation between the equipment and receiver.
- (3) Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- (4) Consult the dealer or an experienced radio/TV technician for help.

FCC Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.