

IMPORTANT

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

PRODUCT INFORMATION



Estimated installation time:

45-60 minutes

CUSTOMER SUPPORT



Contact us by email:
service@joytutus.com

JOYTUTUS help center:



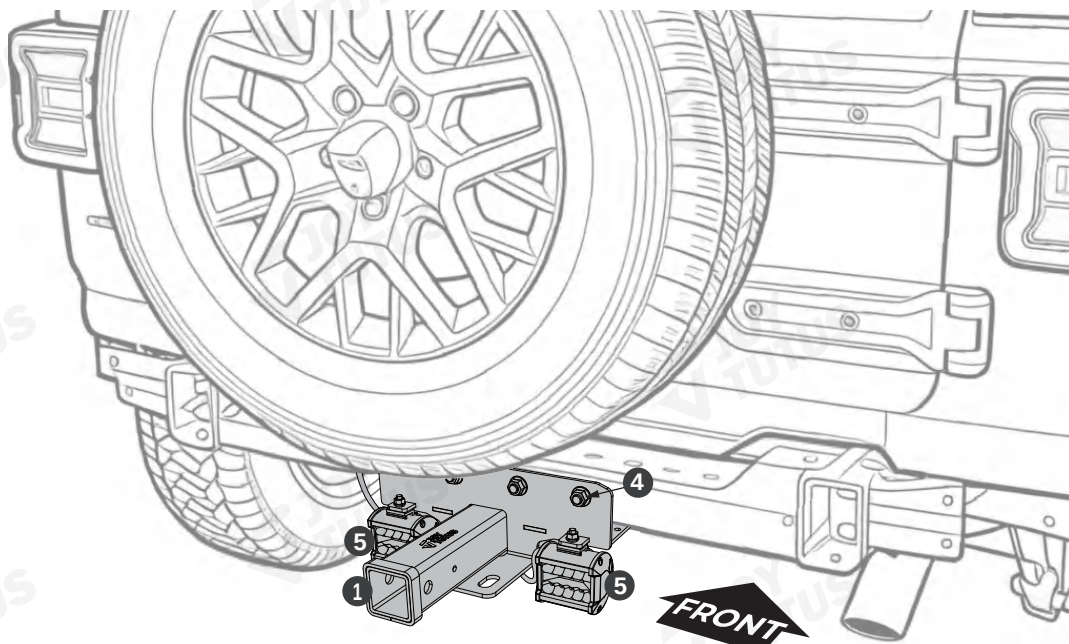
<http://support.joytutus.com>

Installation Instructions



INSTALLATION COMPLETION DIAGRAM

This wiring is intended for the Wrangler JL model. If you are using a different model, it is recommended to test the positive and negative terminals with a multimeter during installation.
It is recommended that a qualified wiring professional perform the installation.



✓ INSTALLATION METHOD

STEP 1:

Required accessories:

7  M8*25 Hex Head Bolt x2

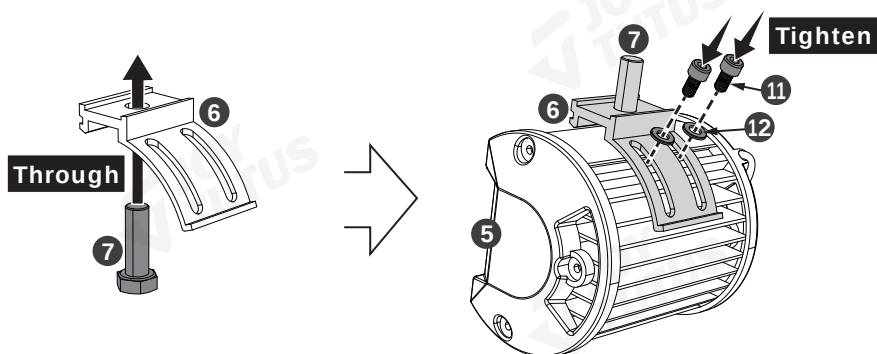
5  Waterproof Light x2

6  Light Mounting Bracket x2

11  M5x12 Hexagon Socket Head Cap Screw x4

12  M5 Flat Washer x4

13  S=4 Hexagon Socket Wrench x1



STEP 2:

Required accessories:

2  M12x110 Hex Head Bolt x4

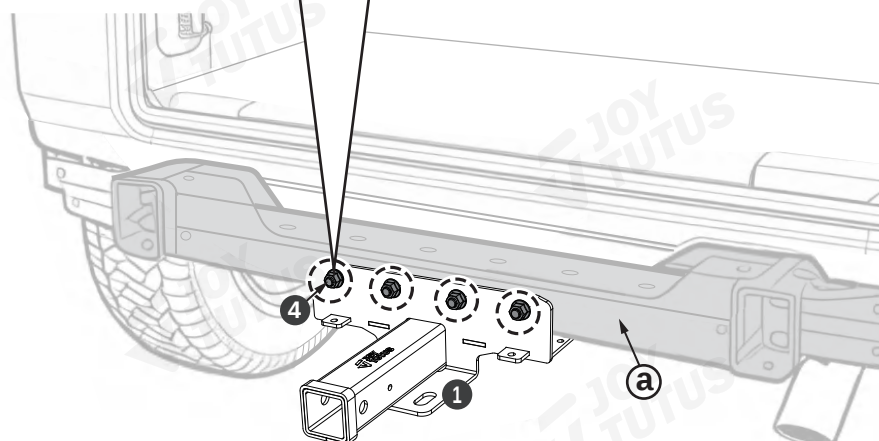
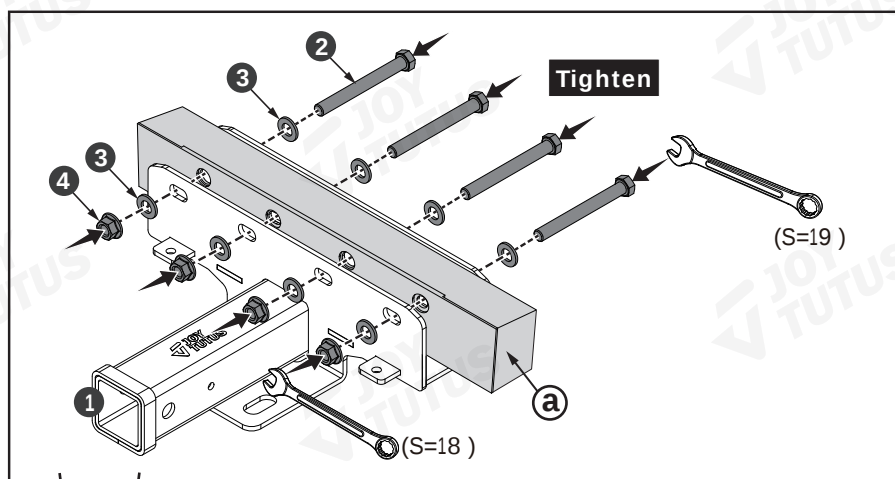
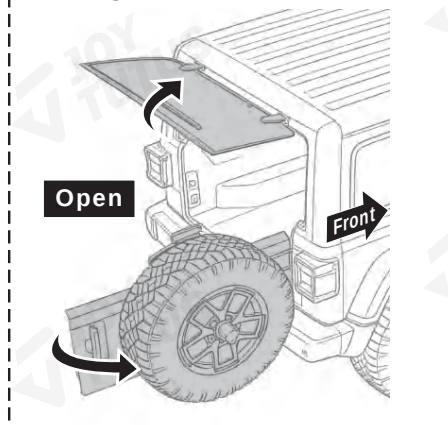
3  M12 Flat Washer x8

4  M12 Hex Flange Nut x4

 S=18 Open-End Wrench (Self-supplied) x1

 S=19 Open-End Wrench (Self-supplied) x1

PREMISE:



STEP 3:

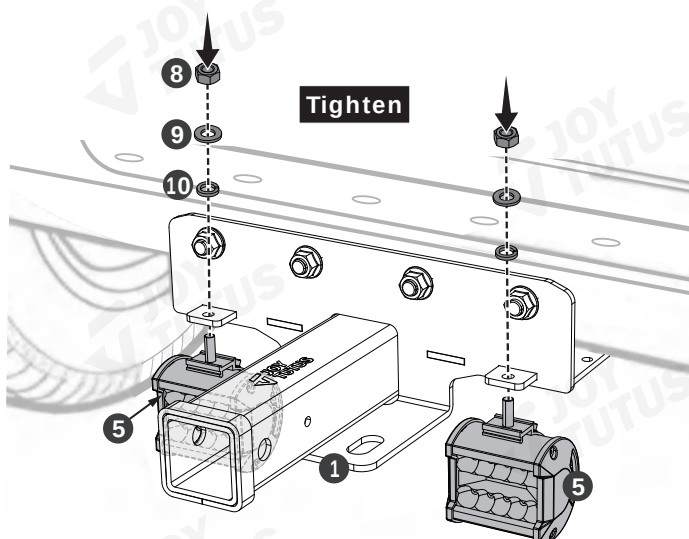
Required accessories:

8 
M8 Hex Nut x2

9 
M8 Flat Washer x2

10 
M8 Spring Washer x2

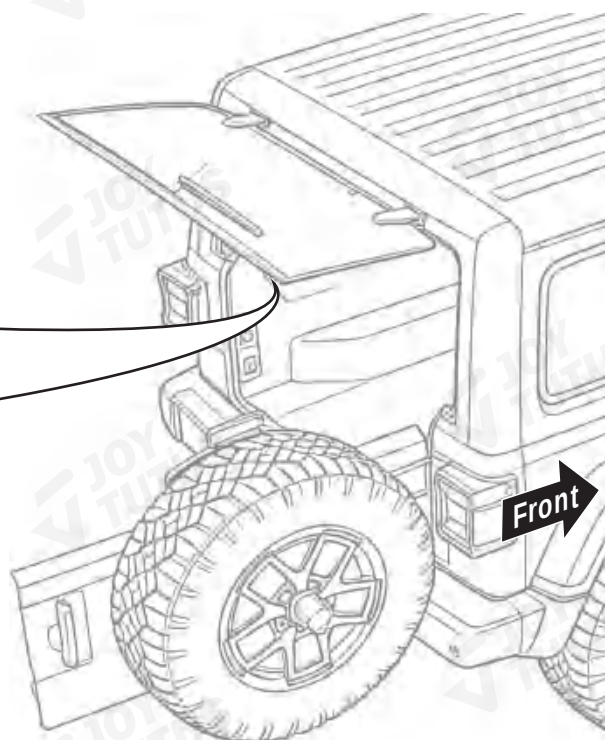
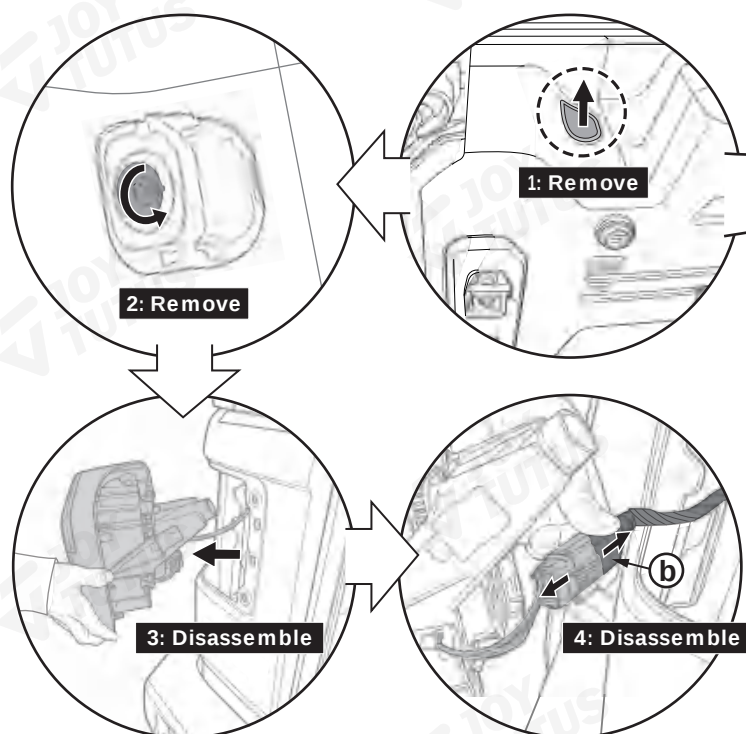

13mm Open-End Wrench
(Self-supplied) x1



STEP 4:

Required accessories:

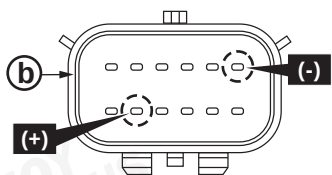

T40 Torx wrench
(Self-supplied) x1



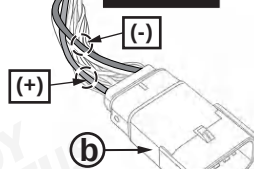
STEP 5:

Strip the insulation from the positive and negative wires at the original wiring connection points. **Ensure that the stripping positions of the two wires (positive and negative) are staggered by 30 mm to avoid overlap.**

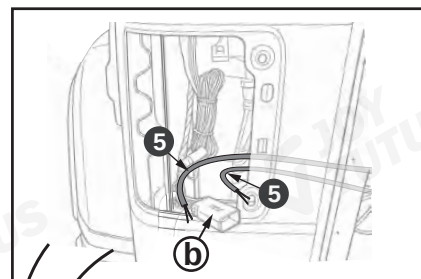
PREMISE: Wiring Position



Peel off



Route the ⑤ wires from inside the vehicle to the outside



Through

Note: It is for peeling, not cutting

STEP 6:

Required accessories:

⑭

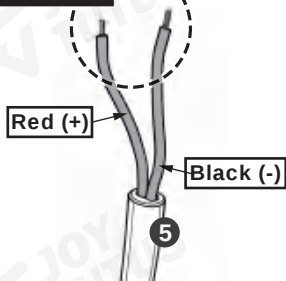
250m m Nylon Cable Tie x8



Waterproof Tape (Self-supplied) x1

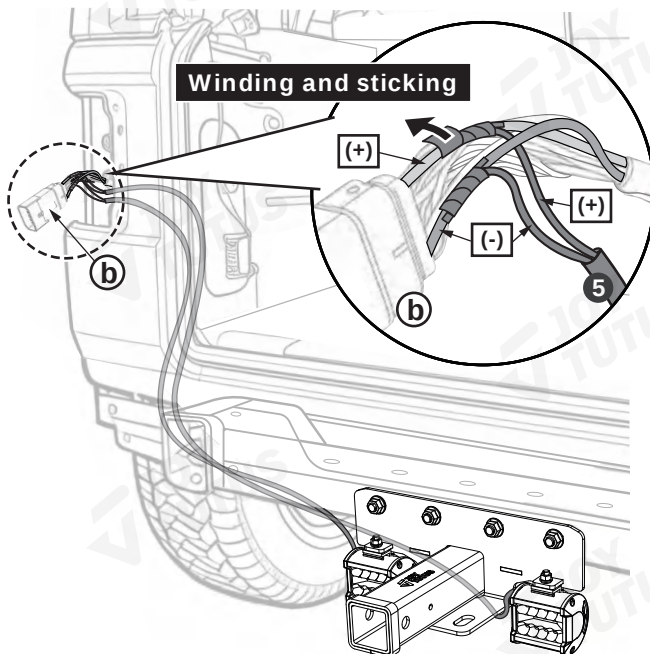
PREMISE:

Peel off



Note: It is for peeling, not cutting

Winding and sticking



The black line in ⑤ is the negative terminal, and the red line is the positive terminal. Please ensure that they correspond correctly to the positive and negative terminals in (b).

Use an appropriate ⑭ amount of cable ties to secure the wires as needed.

STEP 7:

Reverse the order of substeps 1 to 4 in Step 4 to reinstall the original vehicle parts.