



Installation Instructions

Rear License Plate Mount

SKU: M4550

2018 Jeep JL 4 Door

! IMPORTANT SAFETY GUIDE

- Your safety and the safety of others is very important.
- In order to help you make informed decisions about safety, we have provided the following warnings, safety precautions, installation instructions, and other important information to alert you to potential hazards that could hurt you or others.
- Please do a job safety analysis before each task to identify potential hazards for your situation and remove/protect against them.
- Use own good judgment and take your time.
- Check packaged materials immediately upon arrival to ensure that all listed parts are included and undamaged.

Read and understand all warnings, safety precautions, and instructions before installing this product.

SENSORS' FIELD OF VIEW WILL BE ALTERED WITH USE OF THE REPLACEMENT BUMPER.

WARNINGS

- **FAILURE TO OBSERVE THE FOLLOWING WARNINGS AND INSTRUCTIONS PROVIDED IN THIS MANUAL COULD LEAD TO SEVERE INJURY AND/OR DEATH.**
- **FOR PROFESSIONAL INSTALLATION ONLY. CARELESS INSTALLATION AND/OR OPERATION CAN RESULT IN SERIOUS INJURY, DEATH, AND/OR EQUIPMENT DAMAGE. ALL LIABILITY FOR INSTALLATION AND USE RESTS WITH THE USER OR CONSUMER.**
- **FAB FOURS, INC. ONLY APPROVES INSTALLING THIS PRODUCT ACCORDING TO THESE WRITTEN INSTRUCTIONS WITH THE HARDWARE PROVIDED. FAILURE TO INSTALL ACCORDING TO THESE INSTRUCTIONS WILL INVALIDATE THE WARRANTY. THIS INCLUDES, BUT IS NOT LIMITED TO, USING ALTERNATIVE INSTALLATION METHODS, HARDWARE, OR MATERIALS.**
- **THIS PRODUCT IS FOR OFFROAD USE ONLY.**





Installation Instructions

Rear License Plate Mount

SKU: M4550

2018 Jeep JL 4 Door

SAFETY PRECAUTIONS

- Always remove jewelry and wear eye protection.
- Always use extreme caution when jacking up a vehicle for work. Set emergency brake and use tire blocks. Locate and use the vehicle manufacturers designated lifting points. Use jack stands.
- Always use appropriate and adequate care in lifting components into place.
- Always ensure components will remain secure during installation and operation.
- Always wear safety glasses when installing this kit. A drilling operation will cause flying metal chips. Flying chips can cause serious eye injury.
- Always use extreme caution when drilling a vehicle. Always disconnect power before welding. Thoroughly inspect the area to be drilled (on both sides of material when possible) prior to drilling and relocate any objects that may be damaged.
- Always use extreme caution when welding a vehicle. Thoroughly inspect the area to be welded (on both sides of material when possible) prior to welding and relocate any objects that may be a fire hazard. When welding in a cab, make sure the interior surfaces are covered (*e.g.*, welding blanket) and a fire extinguisher is at hand.
- Always use extreme caution when cutting and trimming during fitting.
- Always tighten all nuts and bolts securely per installation instructions.
- Always route electrical cables carefully. Avoid moving parts, components that become hot, and rough or sharp edges.
- Always insulate and protect all exposed wiring and electrical terminals.
- Perform regular inspections and maintenance on mounts and hardware.
- Tire may rub at max turn or articulation.





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Overview

Congratulations on your new purchase of the rear license plate mount assembly.

Your mount was designed in 3-D from digitized data, CNC laser cut, fabricated, and powder coated... all in the U.S.A. Enjoy the fit and finish of a quality rear license plate mount from Fab Fours, Inc.





Installation Instructions

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SKU: M4550

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I. Tools Required

- Allen wrenches
- Socket set and wrenches
- Anti-seize (recommended)
- [splicing and extending equipment]

NOTE: YOU MUST REMOVE YOUR FAB FOURS' Y185X REAR BUMPER TO PROCEED.

II. DS Cover Plate Removal

1. Remove the 4 bolts that fasten on the driver side cover plate with a 7/32" Allen wrench and set aside; set this hardware aside as you will need this hardware to install the license plate mount.



Figure 1a & 1b. Driver side cover plate on Y1851 bumper.





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Rear License Plate Mount

SKU: M4550

2018 Jeep JL 4 Door

III. Removing OEM License Plate Light

1. Remove the OEM license plate light in the OEM bumper with a 10mm socket. Disconnect the light from the power cord after unfastening.

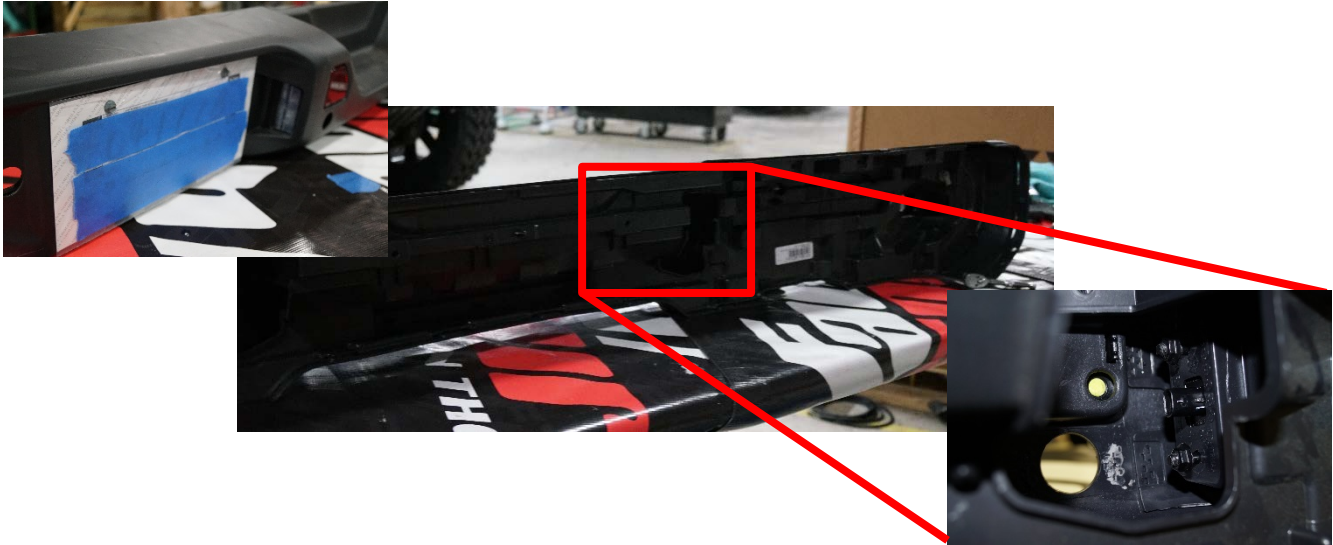


Figure 2a-c. Inserting the OEM license plate light into the M4550 license plate bracket.

2. Insert the OEM light in the M4550 license plate bracket as shown in figure 2. Fasten down with the plastic nuts included with the OEM light using the 10mm socket again.



Figure 3a & 3b. Inserting the OEM license plate light into the M4550 license plate bracket.





Installation Instructions

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SKU: M4550

2018 Jeep JL 4 Door

IV. Splice and Extend OEM Light Harness

1. First find and locate the tag connector where it plugs into the light (attached to the wiring harness for the back-up sensors). Cut the OEM wire about halfway from the connector and where the wire branches off from the wiring harness.



Figure 4. Inserting the OEM license plate light into the M4550 license plate bracket.

2. Using the supplied connectors connect one end of the supplied wire to the OEM tag light. The black wire goes to ground, and the red wire connects to the power supply.

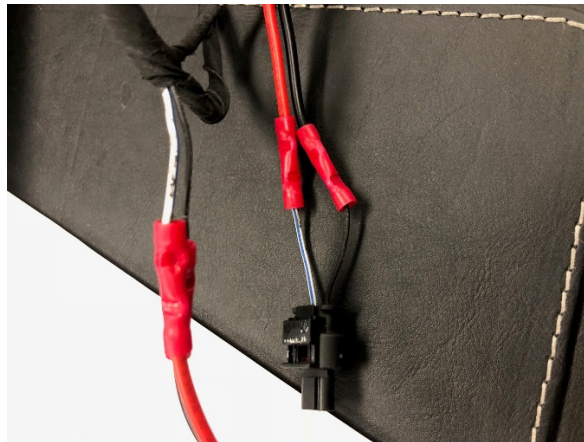


Figure 5a & 5b. Inserting the OEM license plate light into the M4550 license plate bracket.





Installation Instructions

Rear License Plate Mount

SKU: M4550

2018 Jeep JL 4 Door

3. Thread the free end of the supplied wire through the mount bracket of the Y185X bumper and between the body and the bumper. Cut excess wire that you do not need for reach. Connect the OEM connector to the tag light and connect the free ends to the extended wire using the remaining two connectors provided.

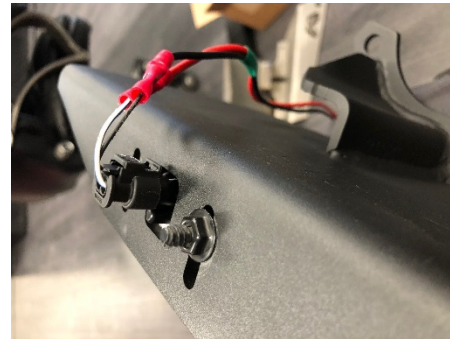
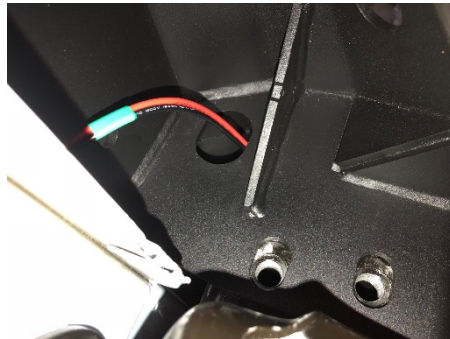


Figure 6a & 6b. Wiring connections for M4550 bracket installation.

4. Connect the tag light wire to the tag light installed in the license plate bracket already. Turn lights on to check that all connections are correct and if functions properly; with

V. M4550 Bracket Installation

1. Place the assembled M4550 bracket on the driver side of the Y185X bumper and line up the mount holes with the mount holes previously used for the cover plate. Install the 3/8" SS hardware removed earlier.





Installation Instructions

Rear License Plate Mount

SKU: M4550

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Figure 8a & 8b. Installed M4550 bracket on installed Y185X bumper.

2. Re-install the Y185X bumper carefully. Be mindful of the bracket and take care that it does not scratch the vehicle while installing. Zip tie the wire to the bracket using the half-moon shaped hole on the gusset (see Figures 3a and 3b).



Figure 9a & 9b. Wiring connections for M4550 bracket installation.

VI. License Plate Installation

Install your license plate with the SS hardware included with your license plate bracket. Use the longer (1") bolts on the two upper mount holes and use the shorter (3/4") bolts on the two lower mount holes. The upper bolts will go through both the plate backing and the cover backing.

VII. Maintenance/Care

- Periodically check and tighten all nuts.
- Stripped, fractured, or bent bolts or nuts need to be replaced.

