



Rear Bumper with Tire Carrier Mount and Third Brake Light Part: JL03T



Fit: 2018 - Current

Jeep Wrangler JL



TO AVOID BEING SCRATCHED, PLEASE PROTECT THE SURFACE OF THE TAILGATE VENT COVER CAREFULLY.



REMOVE CONTENTS FROM BOX. VERIFY ALL PARTS ARE PRESENT.



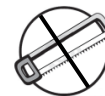
READ INSTRUCTIONS CAREFULLY BEFORE STARTING INSTALLATION.



PLEASE USE SAFETY GLASSES & ENSURE TO BLOCK VEHICLE MOVEMENT DURING INSTALLATION PROCESS



60-180 min



Cutting Not Required



Drilling Not Required



support@trailfx.com



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POLISHED STAINLESS STEEL – LIMITED LIFETIME
POWDER COATED BLACK – 3 YEARS

REAR BUNPER INSTALLATION PARTS LIST

Qty	Part Description	Qty	Part Description
4	M12x110 Outer Hex Bolts(wire teeth: 25mm)	1	M12x30 Hex Bolts
9	M12x37x3 Flat Washer	5	M14X1.5X40 Outer Hex Bolts
5	M12 Spring Washer	5	M14X28X2.5 Flat Washer
4	M12 Hex Nuts	5	M14 Spring Washer

Hardware Part list Illustration (For Reference)



TIRE CARRIER INSTALLATION PARTS LIST

Qty	Part Description	Qty	Part Description
1	M12x120 Outer Hex Bolts	4	M8x16x1.5 Flat Washer
1	M12 Tie Rod Assembly (SET)	2	M8 Spring Washer
4	M12 (O.D :27mm) Tie Rod Gasket	2	M8 Nuts
2	M12x70 (Wire teeth: 25mm) Outer Hex Bolts	11	M8x25 Outer Hex Bolts
5	M12x30x2 Flat Washer	11	M8x16x1.5 Flat Washer
3	M12 Spring Washer	11	M8 Spring Washer
2	M12 Nuts	2	Bearing model 32007x1,30205x1
1	M12x35 Outer Hex Bolts	1	Cap over bearing (Q235)
2	M8x25 Outer Hex Bolts	1	M6x8 Hex Socket Countersunk Flat Head Screw Bolt
1	Locating Nut	1	M24 Crown Nut
1	Plastic Block		

Hardware Part list Illustration (For Reference)**THIRD BRAKE LIGHT BRACKET INSTALLATION PART LIST**

Qty	Part Description	Qty	Part Description
4	M6x20 Outer Hex Bolts	4	M6 Nuts
8	M6x12x1.5 Flat Washer	4	M6 Spring Washer

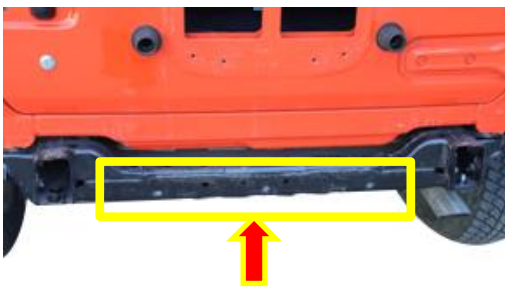
Hardware Part list Illustration (For Reference)**INSTRUCTION PROCEDURE**

1. Remove the factory installed rear bumper. Raise the TrailFX bumper up into place and align the (4) holes on the frame with the holes on the hitch plate on the bumper.
2. Install the M12x110mm hex bolts to secure the hitch plate to the rear frame. Should be kept loose at this time.
3. Install the M12x35mm hex bolts on the driver's side, on the passenger side. Level the bumper and torque the bolts.

4. Place washer over rear bumper post, then place tire carrier on top, then another washer. Once the tire carrier has been place over post, swing it to the closed position and latch it into place. Secure it with the already installed bolts (No Washers).
5. Install the tire carrier connecting plate at the end of the vehicle and secure to the holes in the bumper using the supplied bolts, washers and hardware.
6. Carefully place the plastic block on top of the post over the tire carrier portion.
7. Connect the tire carrier and the connecting plate with tie rod assembly
8. Locate tire mounting bracket on the tire carrier by guiding the bracket studs into the holes on the tire carrier. Determine the best position for your tire size and then tighten all hardware on mounting bracket.
9. Re-Install any previously unclipped wiring harnesses.
10. Installation completed.

A: Install Rear Bumper

STEP 1



Install Rear Bumper

M12x110x4 Bolts
M12x37x3x8 Flat Washers
M12 x4 Spring Washers

STEP 2



Put C type connecting plate into the passenger side

STEP 3



Install the M14x1.5x40x3 Outer Hex Bolts
 M14x28x2.5 x 3Flat washers
 M14x3 spring Washers on the driver's side, on the passenger side
 M14x40x2 bolts
 M14x28x2.5x 2Flat washers
 M14x2 spring Washers
 M12x30x1 Outer Hex Bolts
 M12x37x3x1 Flat washers
 M12X1 Spring Washers

STEP 4



The rear bumper Install completed

B: Install Tire Carrier



STEP 1

M8x25x 8 bolts
 M8x16x1.5 x8 flat Washers
 M8x 8 Spring Washers (or the original bolts)



STEP 2

Install Plastic Block

M8x25 x 2bolts
 M8x16x1.5x4 Flat Washers
 M8x2 spring washers, one plastic block



STEP 3

Put in bearing



STEP 4

Put in M24 Crown nut and fixed by locating nut

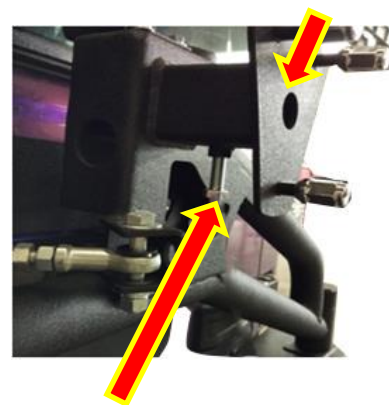
STEP 5



M12x70x2 bolts
M12x30x2x4 Flat Washers
M12 x2 Spring Washers one set of Tie Rod Assembly four Tie Rod Gaskets

STEP 6

Use M12x120 bolts and the original cap nut



Use M12x35 bolts

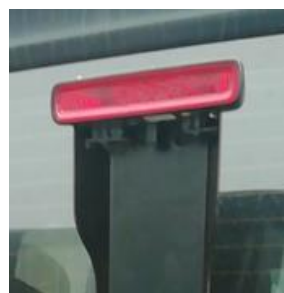
STEP 7



THIRD BRAKE LIGHT BRACKET

M8x25x3 bolts
M8x16x1.5x3 flat washers
M8x 3 Spring Washers
M6x20 x4 bolts
M6x4 Nuts M6x12x1.5x8 flat washers
M6 x 4 Spring Washers)

STEP 8



Install the original third light bolts.
Recheck hardware count as per the part list.

STEP 9



Tire carrier Installation completed.

STEP 10



Installation completed.

NOTE:

- ❖ License plate mount available on TrailFX website as an optional accessory for purchase.

PRODUCT CARE

1. Periodically check the product to ensure all fasteners are tight and components are intact.
2. Regular waxing is recommended to protect the finish of the product.
3. **Use ONLY Non-Abrasive automotive wax.** Use of any soap, polish or wax that contains an abrasive is detrimental and can scratch the finish leading to corrosion.
4. Aluminum polish may be used to polish small scratches and scuffs for **Stainless Steel finish.**
5. Mild soap may be used to clean the product for both **Stainless Steel and Black finish.**

FAQ's**1. Mounting bracket are not getting installed properly.**

In some cases Illustration images shown in Installation manual may not be the exactly same as per actual vehicle images ,also if Driver / Passenger side mounting brackets are very identical in the design, suggest referring Parts Identification guide to avoid fitment issue.

2. Products are thumping / rattling after installation.

Please ensure that all required mounting brackets / hardware's are installed & tighten correctly. Suggest using white lithium / regular grease between the metal to metal contact surfaces.

3. Missing / Excess Hardware.

Recheck hardware count as per the part list.

4. Product not installing properly.

Ensure make model year, cab length and bed size of your vehicle is listed in the application. All installation steps are followed correctly.

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