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# TAILGATE REINFORCEMENT & OVERSIZE SPARE TIRE CARRIER MOUNTING BRACKET KIT

(2018+ WRANGLER JL)

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## INSTALLATION INSTRUCTIONS

### CONTENTS

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- (1) Tailgate Reinforcement Bracket
- (2) Spare Tire Carrier Mounting Brackets
- (6) Spacers
- (2) Tire Bumpers
- (4) M10x1.50 55mm Allen Bolts
- (8) M8x1.25 55mm Hex Bolts
- (8) M8 Washers
- (8) M8 Flange Nuts
- (4) Hinge Spacers
- (3) Push Pins
- (1) MP Concepts Cover
- (1) 3rd Brake Light Bracket
- (3) Lug nuts
- (2) M8x1.25 20mm Allen Bolts
- (2) M8 Flat Washers.

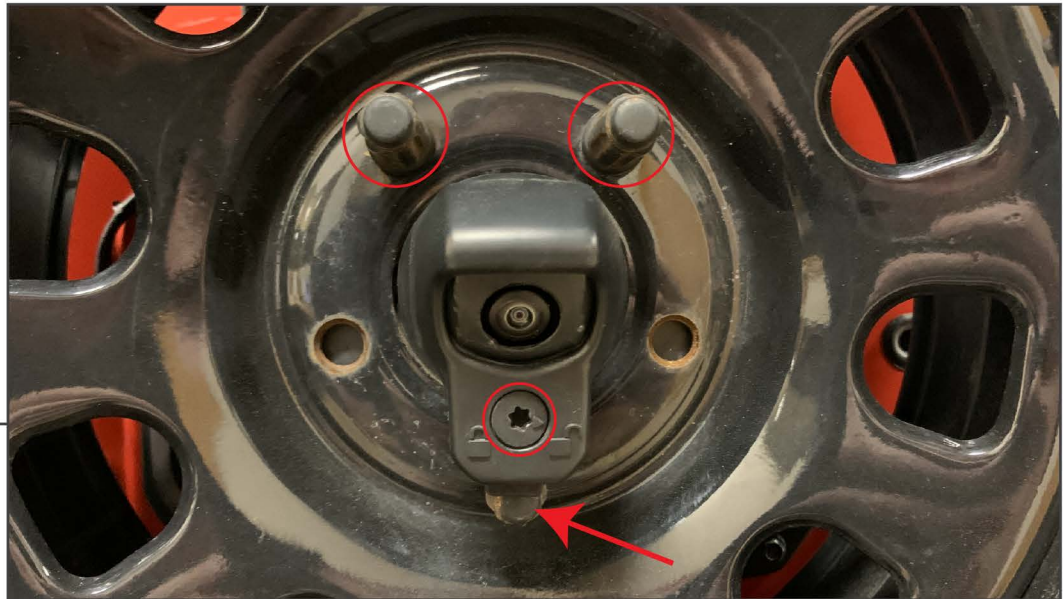
### TOOLS REQUIRED

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- T25, T55 Torx Bit
- 5mm, 6mm Allen Key
- 13mm Socket
- Socket Wrench
- Torque Wrench
- Lug Nut Sockets
- Side Cutters

SKU # J137874-JL

**STEP 1**



Unlock the reverse camera cover and remove it from the vehicle. Using the lug socket, remove the spare tire lug nuts, then remove the tire from the vehicle.

**STEP 2**



Using a soft pry tool, remove the inner tailgate cover. Unclip the third brake light and reverse camera connectors.



**STEP 3**

Pull the wiring harness through the tailgate. Using a 13mm socket, remove the (8) bolts securing the tire carrier to the tailgate.



**STEP 4**

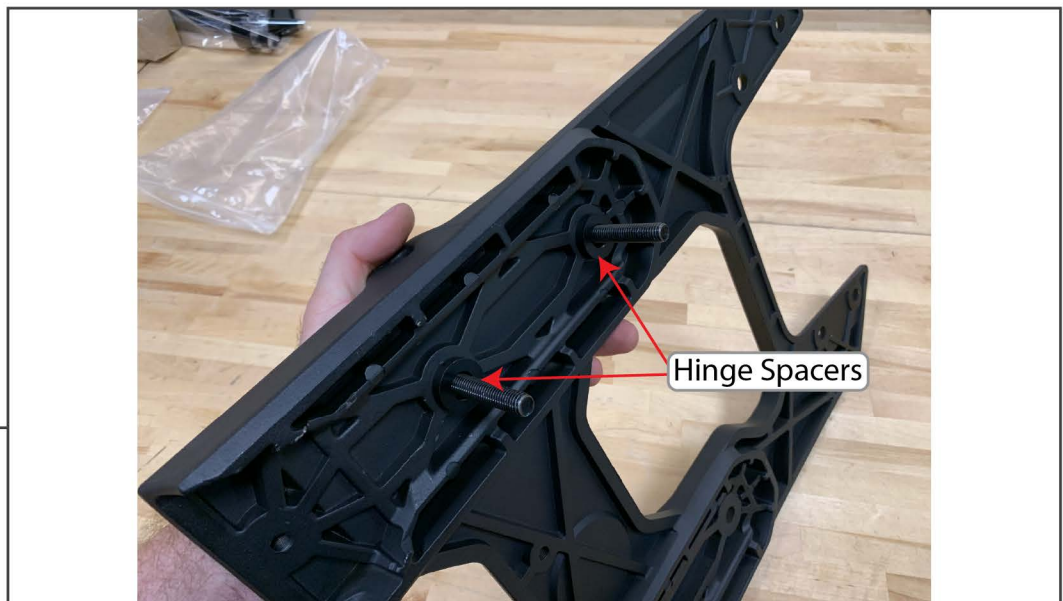
Apply masking tape to the tailgate and the body of the vehicle. Draw straight lines across the tape so that you can align the tailgate after you remove the hinge hardware. Carefully cut the masking tape between the body panels before loosening the hinge bolts.





**STEP 5**

Using a T55 Torx bit, remove the (4) fasteners securing the tailgate hinge to the vehicle.



**STEP 6**

Press the Allen bolts through the hinge brace. Slide the hinge spacers onto the bolts. Do this for both upper and lower hinge mounting locations. Install the brace to the vehicle. Before tightening the bracket all the way ensure the lines made in step 4 line up. If they don't line up, use a soft pry tool to raise the tailgate as needed. Then tighten the Allen bolts to 35 ft-lbs.

**STEP 7**



Remove the factory rubber bumpers. Using cutters, trim the factory tailgate vent.

**STEP 8**



Identify the tire carrier brackets and spacers shown above.

**STEP 9**



Secure the upper bracket and spacer to the vehicle using the supplied hex head bolts. Torque to 13 ft-lbs.

**STEP 10**



Secure the lower bracket and spacer to the vehicle using the supplied hex head bolts. Trim the tailgate vent as needed so that it does not interfere with the bracket. Torque to 13 ft-lbs.



**STEP 11**



Firmly hold the base of the tire bumper and screw it into the tailgate. You must apply firm pressure while twisting the bumper clock-wise into the tailgate. .

**STEP 12**



Peel off the tape backing from the MP Concepts logo and install as shown. Press the (3) plastic push pins into the (3) remaining holes.

**STEP 13**



Using a T25 Torx bit, remove the 3rd brake light assembly from the factory tire carrier.

**STEP 14**



Using a T25 Torx bit remove the (2) screws securing the brake light to the assembly. Unplug the 3rd brake light from the light harness and remove the light from the assembly.





**STEP 15**

Install the 3rd brake light to the supplied bracket using the factory screws.



**STEP 16**

Install the factory tire carrier to the new upper and lower brackets using the supplied flange nuts. Torque to 13 ft-lbs. Trim the tire bumpers so that they touch the tire when the tire is mounted to the tire carrier. Install the (2) supplied 3rd brake light mounting lug nuts on the top and (1) factory lug nut on the bottom. Torque to 59 ft-lbs.

**STEP 17**

Feed the 3rd brake light wiring harness through the wheel. Plug the harness into the 3rd brake light. Then mount the 3rd brake light bracket to the upper mounting lug nuts using the supplied Allen bolts and washers.

**STEP 18**

Feed the factory wiring harness back into the tailgate. Reconnect the camera and 3rd brake light plugs. Reinstall the interior trim panel. Install and lock the reverse camera cover. Installation is now complete.