

LED REAR BUMPER REFLECTOR LIGHTS

(2018+ WRANGLER JL - SAHARA, RUBICON, & MOAB only)

INSTALLATION INSTRUCTIONS

CONTENTS

(1) LH Light
(1) RH Light
(4) Scotchlok Connectors
(2) Zip Ties

TOOLS REQUIRED

7, 8, 16, 19mm Socket &
Wrenches
Ratchet
Flat Blade Screw Driver
Pliers

STEP 1



For this install, you will need access to the back of the factory reflectors. To do so removal of the bumper will be required.

STEP 2



Begin by removing the rear most fender liners from both sides of the bumper. Use an 8mm socket to remove the (3) screws.

STEP 3



Behind the fender liners removed in Step 2, remove the (4) 16mm bumper brace bolts on both sides of the bumper.

STEP 4



On the driver side of the bumper, locate and unplug the bumper's electrical connector. Then, disconnect the wiring harness clip from the support bracket.

STEP 5



Remove the (2) 18mm bolts securing the center of the bumper to the vehicle.

STEP 6



With a helper supporting the bumper, remove the (2) 16mm nuts securing the bumper to the vehicle. Repeat the process on the opposite side of the bumper.



STEP 7

Using a 7mm socket, remove the screw securing the factory reflector to the vehicle. Then, press the reflector out of the bumper.



STEP 8

Feed the wires through the hole at the bottom of the reflector opening. Before pressing the light into the bumper, ensure the wiring is routed behind the lights clip.

STEP 9



Repeat Steps 7-8 to install the LH LED reflector light.

STEP 10



Re-install the bumper to the vehicle using the original mounting hardware following Steps 2-6 in reverse order.

STEP 11



From inside the vehicle cargo area, remove the tail light bolt cover on each side, and then remove (1) 10mm bolt securing the tail light into the vehicle. Firmly pull the tail light from the vehicle and unplug the wiring harness by sliding the red lock back, and pressing the retaining tab.

At this time, neatly route the LED reflector light harness through to the tail light mounting point.

STEP 12



Peel back some of the electrical insulation to gain access to chassis side of the tail light wiring. Using (2) scotchlok connectors per side, splice into the vehicle reverse lamps using the diagram below. The LED lighting will power on with the reverse lamps.

LED Wire Color	-	Vehicle Reverse Light Circuit
Green (+)	-	White/Tan (LH Side) / White/Violet (RH Side)
Black (-)	-	Black (-)



STEP 13

Engage the vehicle parking brake, and with a helper, test the lighting for proper functionality. Once tested and working, re-install the vehicle tail lights. Secure the harness under the vehicle as necessary.

Installation is now complete.