

LED Retrofit Turn Signal Lights for Jeep Wrangler

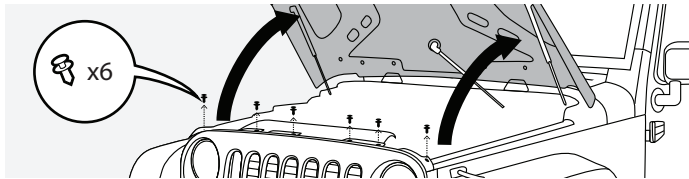
Manual ID: PIM-00000090-V002

IMPORTANT: READ CAREFULLY BEFORE ASSEMBLY AND USE.

- Installer of this product must have a good understanding of automotive electronics, systems, and procedures.
- **WARNING!** Whether it is replacing the headlight low beam, headlight high beam, or fog lights, always refer to the vehicle's owner's manual for detailed instruction on how such lights can be replaced. The instructions listed in this guide serves as a general reference and the steps detailed may not apply to your specific vehicle's make and model. Seek professional assistance when in doubt.
- **WARNING:** When working with electricity make sure all relevant safety procedures are followed. Always turn the key off and disconnect the battery before working on vehicle electronics, neglecting to do so may result in bodily harm and damage to sensitive electronic components. Never cut or splice a wire without first consulting a vehicle specific manual and using a digital multimeter (DMM) to verify the identity and purpose of the wire.
- This product contains strobe light(s), halogen light(s), high-intensity LEDs, or a combination of these components. Do not look directly into the lights. Momentary blindness and/or injury to the eyes could result.

Installation:

Step 1: Remove the Grille Assembly



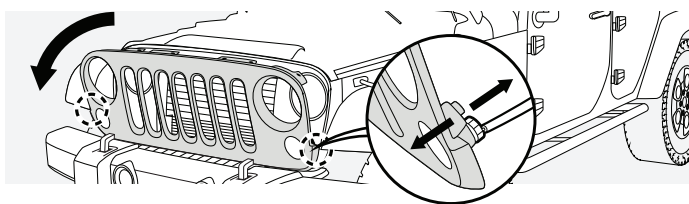
1.1 Open the hood.

TIP: In many newer Jeeps the hood can be opened completely and laid against the windshield making it much easier to work under the hood. When doing this always make sure any finished surfaces are protected to avoid damage.

1.2 Locate the six black plastic rivets along the top facing edge of the grille.

1.3 Remove all six rivets by using a flat head screwdriver to pry up on and remove the center section followed by the body of each rivet.

TIP: The center portion of the rivet does not have to come completely out to be able to remove the entire rivet. The center portion can be easily reassembled when reinstalling if removed completely.



1.4 Grab hold of the grille close to the base and pull it away from the vehicle with a firm tug being careful not to pull the grille too far away from the vehicle as the wiring for the turn/parking lights will still be attached at this point.

TIP: A towel may be placed between the grille assembly and the bumper to help prevent damage to the grill.

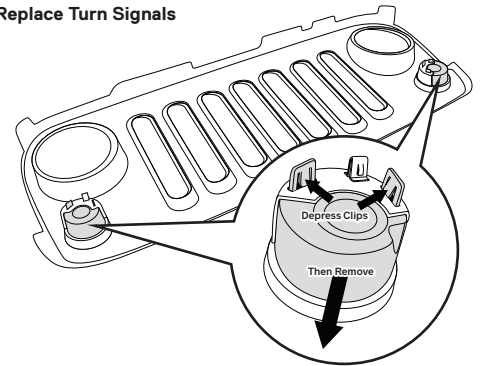
1.5 Tip the top edge of the grille away from the vehicle and carefully disconnect the wiring harness from the back of the two factory turn/parking lights.

NOTE: If your vehicle comes with locking style connectors, carefully slide the red locking tab toward the rear of the connector and then push the retaining tab to remove the connector.

1.6 Inspect for any other wires or lights attached to the grille and remove.

1.7 Remove grille from vehicle and place in a safe location.

Step 2: Remove and Replace Turn Signals



TIP: At this point it would be a good idea to plug the lights into the factory harness and test for proper operation.

2.1 Depress the tabs on the two retaining clips and remove the light. Repeat for both sides.

NOTE: The lights are side specific and are marked with an "L" for the driver side and an "R" for the passenger side.

2.2 Install the new turn signals making sure that both locking tabs are fully locked into the grille.

Step 3: Install the New Lights

3.1 Position grille on top of the bumper in preparation for installation.

3.2 Plug wiring harness into the turn signals making sure the red locking tabs are pushed forward into the locked position.

3.3 Line the bottom of the grille up against the front of the vehicle making sure the centering pin aligns with the centering hole while making sure that all of the metal retaining clips line up with their respective holes.

3.4 Push firmly but carefully on the bottom of the grille so that all of the clips seat in their holes.

3.5 Line up the top holes and put all six plastic rivets back into the top of the grille.

3.6 Carefully inspect the work area for anything that may have been unplugged or not reinstalled.

3.7 Check the function of your headlights and turn signals.

3.8 Close the hood and enjoy your new turn signals!

Specifications:

Input Voltage: 12 V DC
 Input Current: 0.6A Max