



D38 Grille w/ 10" LED Light Bar 2018+ JL

Contents:

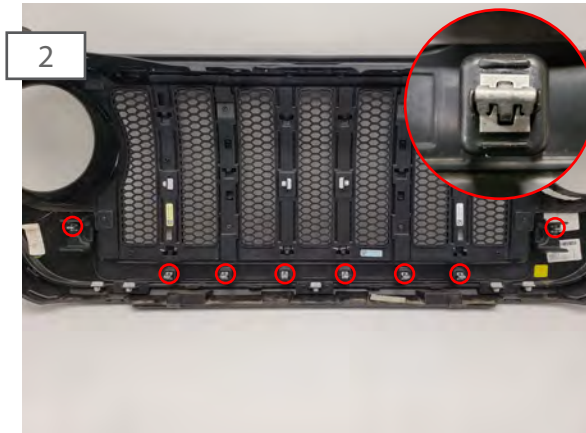
- (1) Grille
- (1) 10" LED Light Bar
- (1) LED Light Bar Wiring Harness
- (1) LED Light Bar Bracket
- (1) LED Light Bar Hardware Kit
- (8) Push Clips
- (2) Grille Lights
- (2) Grille Light Wiring Harnesses

Tools:

- Trim Panel Removal Tool
- Flat Head Screw Driver
- 1/4" Drill Bit & Drill
- Cutting Tool
- 10mm Socket
- T30 Torx Bit
- Ratchet
- Zip Ties
- Pliers
- Allen Wrench



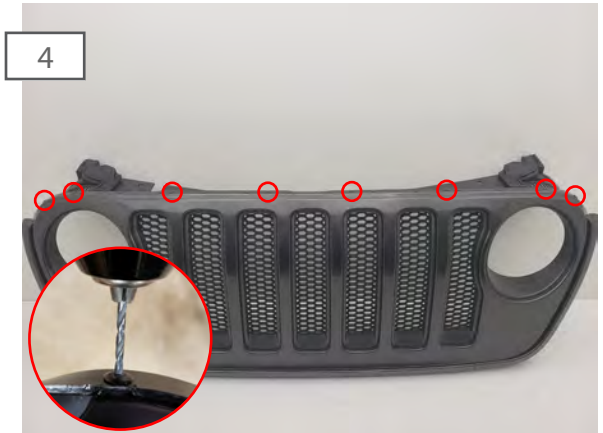
Begin by removing the (6) upper push pins using a trim panel removal tool. Carefully pry the grille away from the vehicle, and remove the grille.
****Note:** White circles indicate locations of the metal retaining clips to pry away from vehicle to remove



Using a flat head screw driver, remove the (8) metal retaining clips. Transfer the clips to the new grille.



Using a trim panel removal tool, carefully pry up on the grille weather-stripping unclipping it from the factory grille. This will be transferred to the new grille in a later step.



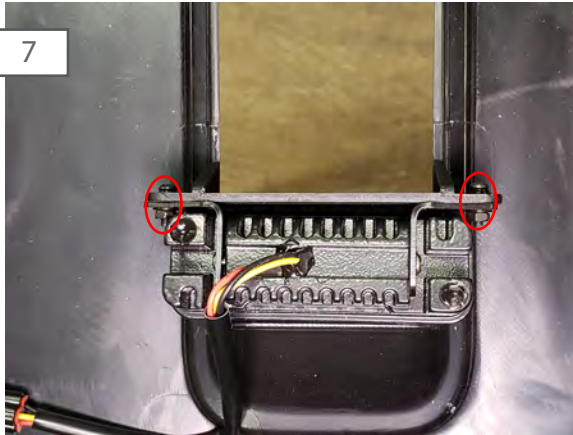
Using a drill & 1/4" drill bit, drill out the (8) metal pop rivets securing the upper portion of the internal factory grille support to the grille. ****Note:** Be sure to hold the back of each rivet with pliers to prevent the rivet from spinning.



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Using a cutting tool, cut and separate the textured portion of the grille support from the painted portion of the grille. Use the red dotted lines above as a reference.



6
Using the supplied (8) push pins, transfer the grille support to the new grille. Then install the factory grille weather-stripping that was removed in Step 3.



7
Install the (2) grille lights to the grille using the (4) M4 screws, washers, and nuts.

Wiring Harness Install:



8
Using a trim panel removal tool, locate and remove the (2) lower push clips securing the back portion of the front fender liner in place.



9
Locate and remove the (3) 10mm screws securing the front portion of the front fender liner in place.



10
Carefully fold back the front factory liner to gain access to the factory fender harness plug. Folding the liner back, prevents the need to remove the one time use outer factory plastic pop rivets. Unplug the factory harness. **Note: Replacement pop rivets are not included.



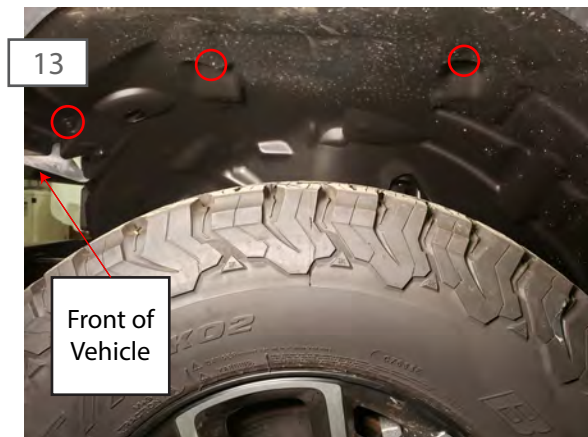
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Factory Fender to D38 Grille Light Harness Diagram: Plug in the supplied "T" harness between the chassis plug and factory fender plug. Route the wiring harness to the grille light and plug in.
**Note: If optional D38 fender flares are not being installed, proceed to Step 13.



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** For customers who also purchased D38 Fender Flares (J131663-JL), plug the D38 fender harness into the D38 grille light harness as seen above.

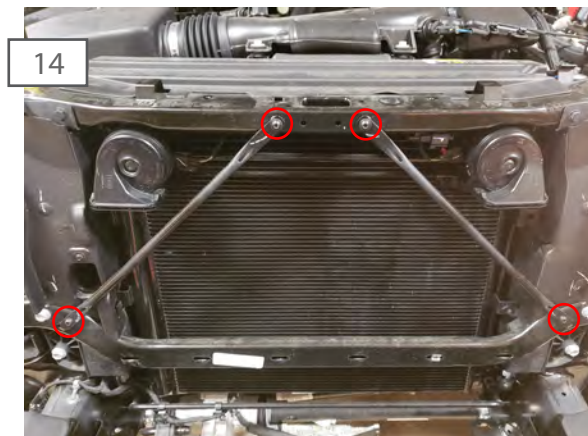


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Front of Vehicle

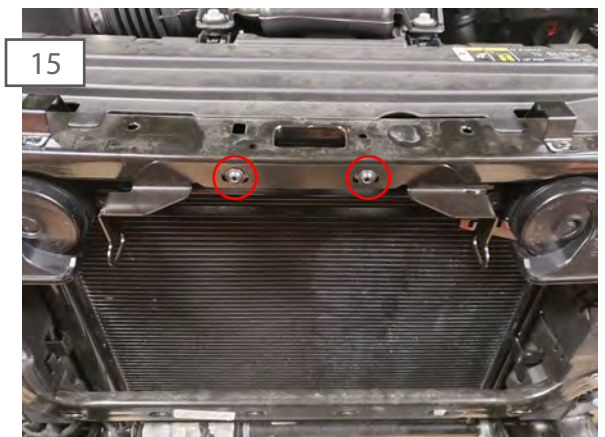
Reinstall the (3) 10mm screws and (2) push clips to secure the fender liner back in place.

Light Bar Install:



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Locate, and remove the (4) T30 torx bit bolts securing the support braces to the factory radiator support. Remove the (2) support braces from the vehicle.



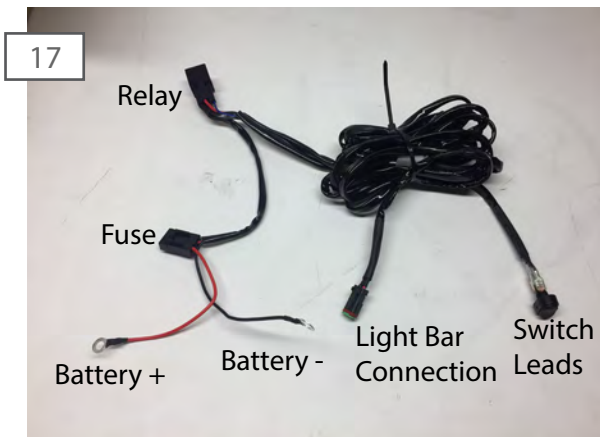
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Mount the LED light bar bracket using (2) of the factory T30 torx bolts removed from the previous step.



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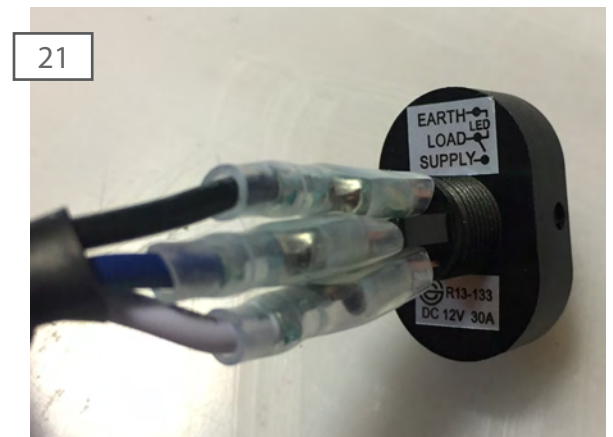
Using the supplied M8x1.25 bolts, loosely install the LED light bar to the light brackets. **Note: No not pinch the wiring between the light and the bracket. The wiring should be on the passenger side of the light. Feed the wiring connection through the radiator support as seen in Step 19.



Wiring Overview:
 Battery +
 Battery -
 Switch Leads
 LED Light Connector



Feed the LED light bar wiring through the radiator support. Plug the light into the light bar harness, and ensure the plugs clip together.



Connect the wiring to the switch as seen above.
 Earth - Ground,
 Load - Light Bar Positive
 Supply - 12V Battery.



Connect the Red ring terminal to the positive (+) battery terminal. Connect the Black ring terminal to the negative (-) battery terminal. Secure the relay out of the way.



Feed the switch wiring through a firewall grommet into the interior of the vehicle. Mount the switch as desired.



Temporarily install the grille. Adjust the LED light bar as desired. Remove the grille to tighten the LED bolts. Carefully press in the lower portion of the grille until it clicks in place. Then secure the upper portion using the factory (6) push clips. Installation is now complete.