



9. Route the harness wire back over the frame and above and around the shackle located directly in front of the passenger rear tire and fender liner. Then route the wire through the opening into the rear wheel well.



10. Connect the included DT Extension Wire to the harness and route the wire behind the rear fender liner, securing it with zip ties.

Tip: you may wish to remove the tree clips holding the passenger wheel well fender liner in place to gain better visibility.



11. Route the wire in front of the rear shock and through the opening toward the back of the vehicle. Next, route the wire from the rear fender liner into the rear bumper, pulling any remaining slack.

Open the tailgate and route the wire into the cargo area to connect it to the input harness on the light bar. Test thoroughly and aim the light bar in the desired direction to complete the installation.

**NEED MORE HELP?**

Scan the QR code to link to our installation video online!

We've taken the time to test our products on your vehicle. We can guarantee compatibility and fitment the first time - no guessing game! If you need more help with installation, watch our step-by-step video to walk you through the process.



Please contact **Diode Dynamics** should you have any questions about the installation or wiring process, at **314-205-3033** (9a-5p CST) or **contact@diodedynamics.com**.

Do you have any suggestions for improving this guide? Please let us know!

**This installation guide is for the following SKUs:**

**DD6091** Jeep 2018 Hardtop Bracket Kit  
**DD6110** Jeep 2018 SS30 Hardtop LED Kit White Flood

**DD6112** Jeep 2018 SS30 Hardtop LED Kit Amber Flood

# DIODE DYNAMICS

PERFORMANCE LIGHTING TECHNOLOGY

## 2018+ Jeep JL Wrangler Hardtop Light Bar Kit Installation Guide



Thank you for your purchase of this custom-designed LED light bar kit for your 2018+ Jeep JL Wrangler! This kit utilizes both factory mounting points and included hardware to mount the bracket to the vehicle.

**3 YEAR  
 WARRANTY**

**Tools Needed:** 10mm ratchet, 10mm socket



**WATCH THE INSTALLATION VIDEO ONLINE!**

Scan the QR code on page 4



1. Open the hatch and locate the four 10mm bolts holding the back glass brackets in place. Remove two of the 10mm bolts from one side of the vehicle. Be sure to only remove two bolts at a time to provide enough support to the back glass.

*See inside for further instructions.*



2. Using one hand to support the back glass, set the bracket into place. Then reinstall the 10mm bolts. Repeat for the other side of the vehicle.



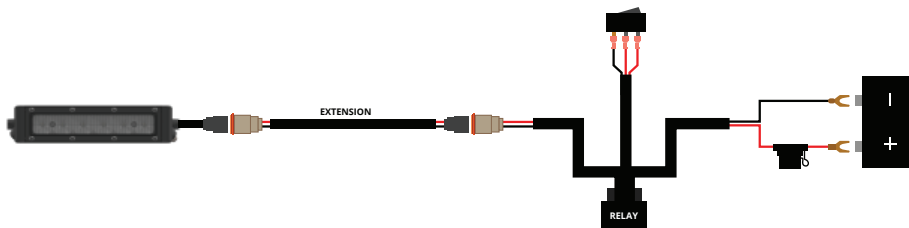
3. Close the hatch and mount your light bar to the brackets using the included 10mm bolts.

Tip: we recommend hand-tightening the light bar to the brackets on both sides first before fully tightening the bolts in place.



4. Open the hatch and route the wiring behind the glass and tuck it into the channel behind the weather stripping as shown in the picture to the left. You may also choose to use the included adhesive wire clips to secure the wiring in place.

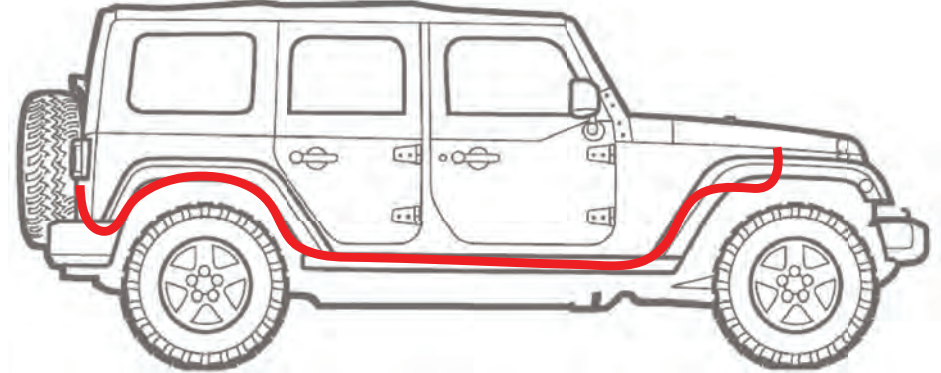
### Wiring Instructions



5. Determine a suitable location to mount the switch and route the switch to that location. We recommend unplugging the toggle switch from the harness to route the wire more easily. If needed, drill an appropriate-sized hole for the switch. Then reconnect the wires to the switch and mount it.

6. Connect the split ring terminals on the harness to the battery. The black (ground) wire should be connected to the negative battery terminal and the red (positive) wire should be connected to the positive battery terminal.

Mount the relay. We recommend mounting it near the battery.



7. Route the harness output wire through the small opening in the engine bay to the passenger wheel well, located between the battery and the passenger fender.

Tip: you may wish to remove the tree clips holding the passenger wheel well fender liner in place to gain better visibility.



8. Route the wire over the top of the frame rail and secure the harness wire to another wire or fixed point using zip ties. Then route the harness wire along the frame rail toward the rear wheel well and secure using zip ties.

See back for further instructions.