

Quadratec® 7" LED Headlight Installation Brackets

**Installation Manual: for Jeep Wrangler ('18 - Current)
JL & JLU Vehicles #97109.020X**



PARTS LIST:

Headlight Brackets - QTY 2
H13 to JL Wiring Harnesses – QTY 2
Pulse Width Modulation (PWM)
or
Wiring Harness - QTY 2
(Quadratec GEN II Headlamps ONLY)

REQUIRED TOOLS:

Safety Glasses
10mm Socket, Extension & Ratchet
4mm Hex/Allen Wrench Key
Phillips Head Screwdriver
Small Flat Blade Screwdriver

⚠ CAUTION ⚠

READ ALL SAFETY MESSAGES AND UNDERSTAND ALL INSTRUCTIONS BEFORE ATTEMPTING TO INSTALL THIS PRODUCT. ALWAYS WEAR SAFETY GLASSES DURING INSTALL.

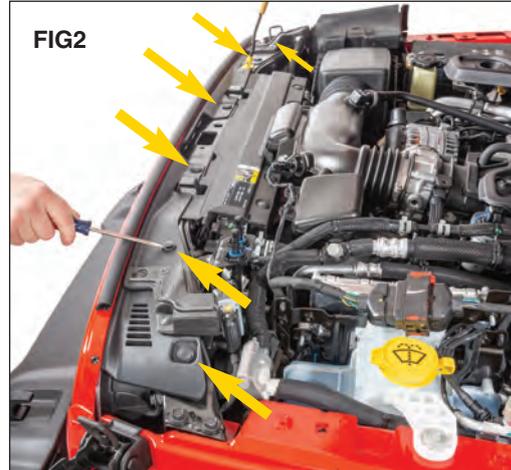


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Headlight Brackets Installation for '18 - Current JL Wrangler



Put on safety glasses. Open the hood of your Jeep®. Put the prop rod into the correct slot to hold hood open (FIG 1).



Locate the six plastic fasteners that secure the front grille to the upper body support (FIG 2).



Pry up the plastic fasteners (6 total) using a small flat blade screwdriver. First remove the center, then remove the body of each plastic retainer (FIG 3). Set rivets aside in a safe place for re-installing the grille.



Gently tilt the grille forward and then gently pop the lower portion of grille from its (8) retaining clips. (FIG 4).



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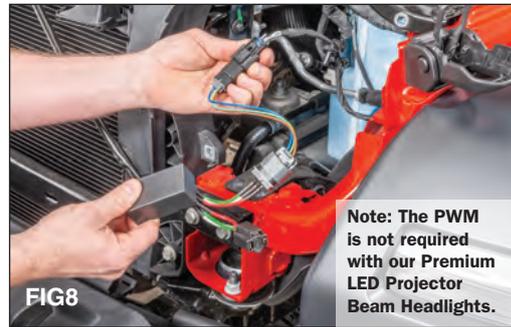
Remove the original headlights using a 10mm socket. Save hardware. (FIG 5)



Disconnect the headlights by depressing the black latch & pull outward. (FIG 6)



Connect the JL adapter harness to the vehicle harness. You will hear a "click" when fully engaged (FIG 7)

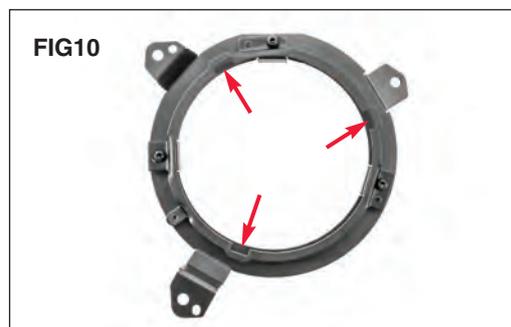


Note: The PWM is not required with our Premium LED Projector Beam Headlights.

Connect the PWM harness to the JL adapter harnesses, you will hear a "click" when fully engaged. (FIG 8)



On your new headlight brackets, remove the 3 screws holding the trim ring using a Phillips head screwdriver. (FIG 9)

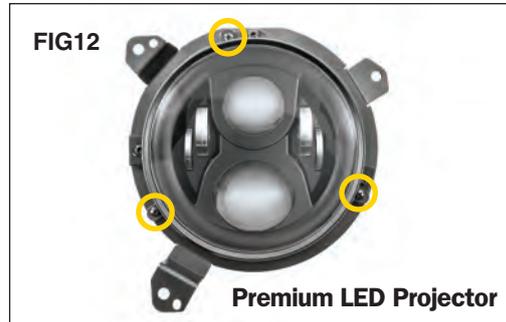
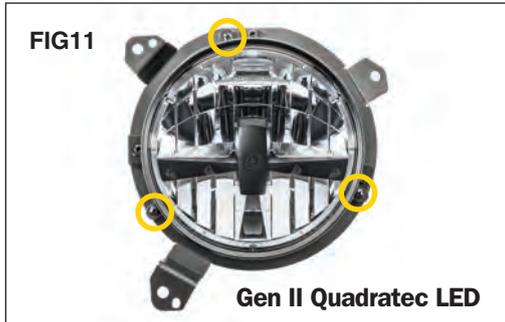


Lay your headlights in place, making sure they are lined up with the notches in the bracket and secure using the trim ring and 3 Phillips head screws. (FIG 10)



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Connect the new LED headlight harness to the other connector on the Pulse Width Modulation (PWM) Harness (FIG 13A) or JL adapter harness. (FIG 13B)

On the Premium LED Projector Beam Headlights you will hear an audible "click" when connector is fully engaged.



Carefully stow the wiring and or PWM into the headlight bucket area. Be careful not to pinch any wires. (FIG 12)

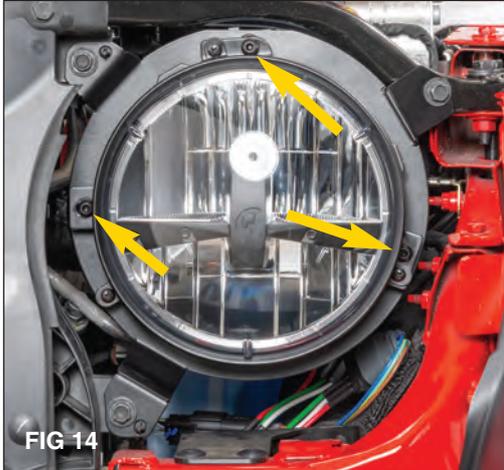


Align the three tabs on the headlight bracket with the vehicle and install using the 3 original bolts. (FIG 13)



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Headlight Brackets Adjustment:



Repeat all above steps for the passenger side headlight.

Always check the aim of your headlights before driving and adjust as needed using a 4mm Hex/Allen Wrench Key on the adjusting screws. (FIG 14)
Note: If you need to aim them down use only the lower 2 adjustment screws. For upward adjustment use only the top center screw.

Reinstall the Grill in the reverse order of the disassembly. (FIGS 4,3, &2)

JL installation is complete.



⚠ CAUTION ⚠

ALWAYS CHECK TURN SIGNAL AND HEADLIGHTS FUNCTION BEFORE DRIVING AFTER HEADLIGHT AND GRILLE INSTALLATION.



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