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Ford Bronco Sport, S1 Fog Light Kit



Ford Bronco Sport Fog Light Kit Instructions

Tools Required

- 7mm Socket Wrench
- 7/16" Socket Wrench
- 3mm Allen Wrench
- 10mm Wrench and Deep Socket
- Trim tool or Flathead Screwdriver
- Circuit test light, or Multimeter

1. To begin, turn the wheels toward the driver side, place vehicle in park and turn the engine off.



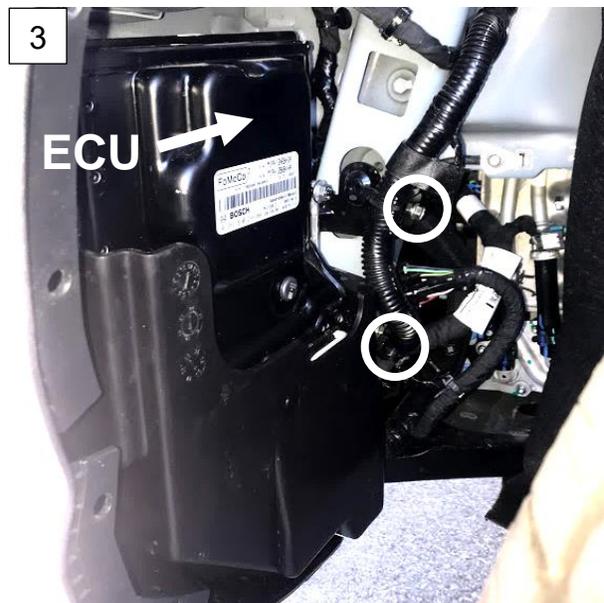
2. With the trim tool, or flathead screwdriver, remove the five plastic fasteners in the front of the driver side wheel well. With the 7mm socket, remove the single fastener on the underside of the bumper.



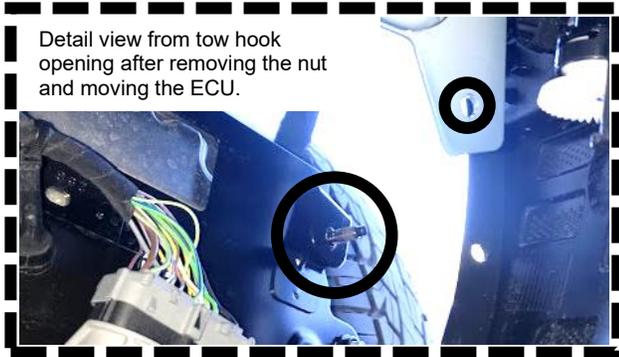
3. Gently pull the inner fender well up and rest the bottom edge on the front wheel upright to reveal the area behind the fog light.

For this install, the ECU on the driver side will need to be moved out of the way.

Pull the plastic harness clip off the stud in the bottom circled location. Use the 10mm socket wrench to remove the two bolts in the circled locations.



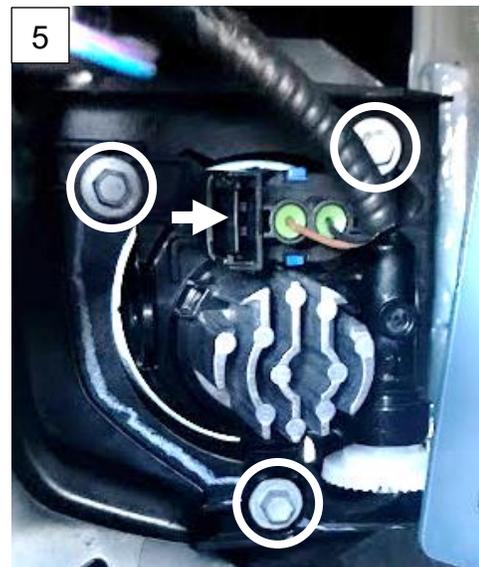
4. The last fastener holding the ECU onto the mount will need to be removed by reaching through the driver side tow hook opening and removing the nut with the 10mm wrench. A detailed view into the tow hook opening is shown below. The upper circled location is the mount and the lower circled location is the stud.



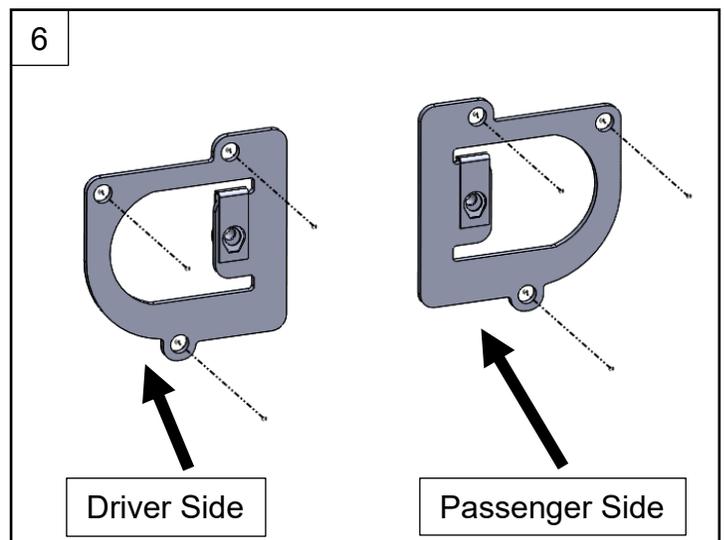
5. The ECU can now be gently moved out of the way to access the region behind the fog light. (Driver side only)

Unclasp the fog light harness connector from the light by pressing in on the arrowed tab and pulling away from the OEM fog light.

With the 7mm socket wrench, remove the three circled OEM fog light mounting screws. Place the light aside.



6. With the three OEM fog light screws from step 5, mount the driver side Baja Designs S1 fog light bracket. Leave the S1 light off until the next step.

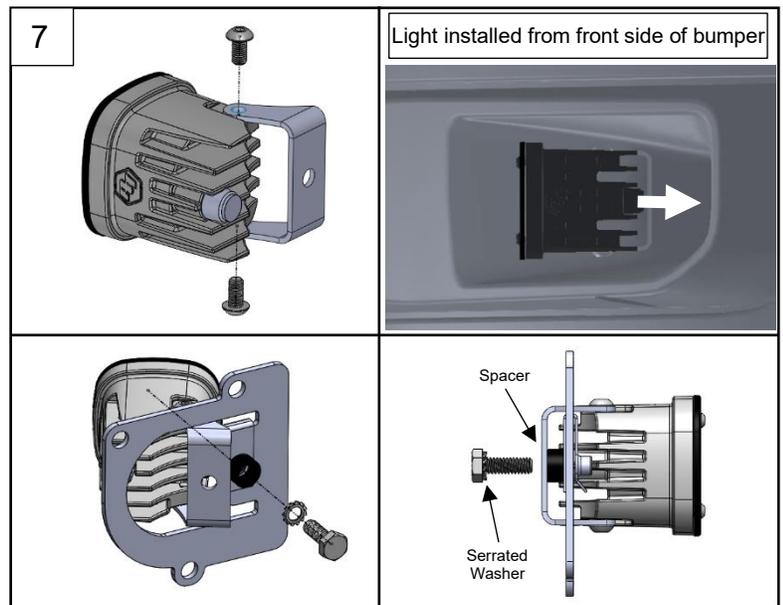


7. With the 3mm Allen wrench and two of the small pan head bolts, mount the S1 bracket to the driver side light.

The driver side S1 will have the white branding on the front of the light right side up and the BD logo on the housing facing the driver side. (Refer to the image in step 6)

Place the light into the fog light opening **from the front of the bumper**, around the mounting bracket, and place the spacer in between the fog light mounting bracket and the S1 bracket.

Thread the 7/16" hex head bolt through the provided serrated washer, S1 bracket, spacer and into the fog light bracket.

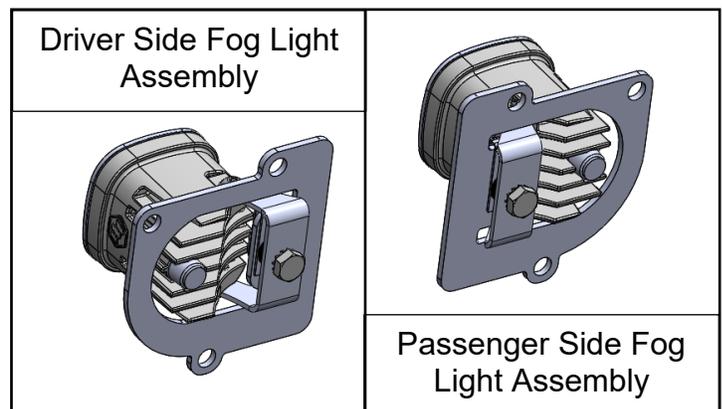


8. Locate the fog light plug 'n play adapters. For a moment, turn on the vehicle, headlights, and fog lights. Using the circuit test light, or multimeter, determine which wire on the OEM fog light connector has (+) voltage and which wire is ground (-).



9. Turn vehicle off. Plug in the wiring adapter. Trace the (+) wire through the harness adapter. The (+) wire will need to be inserted into the provided plug in the (B) pin location. The ground will then be inserted into the (A) location.

10. Replace the ECU (Driver side only), fender well, and all associated fasteners. Repeat steps (1-2) and (5-10) for the opposite side.



Re-torque all the fasteners after 100 miles.

Tie wires away from all hot, sharp, and/or rotating components.

Your install is now complete! Thank you for choosing Baja Designs.