



12-16 Impreza/ 13-17 Crosstrek/ 14-18 Forester/ 15-20 WRX/Sti Ditch Light Bracket

Installation Instructions

Tools

10mm Socket & Ratchet
10mm Wrench
4mm Allen Key

Product ID SMK01001-01004

Document Updated 3/31/2021

Installation Difficulty Medium

Step 1



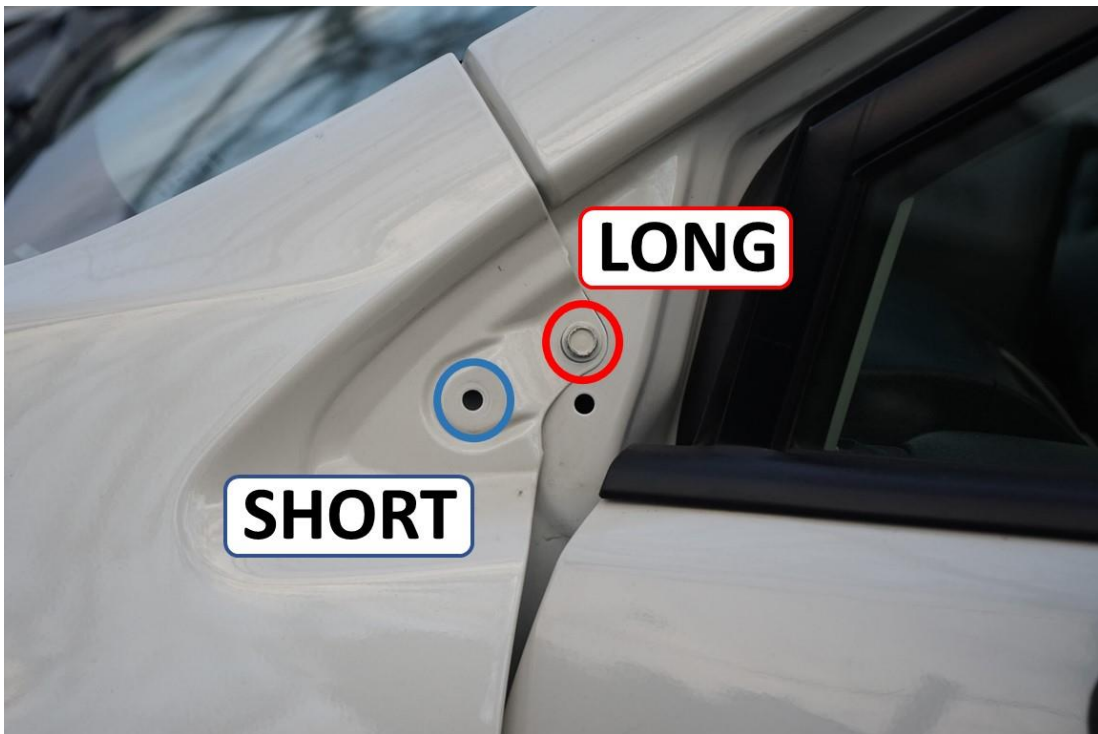
To start the install make sure you have all the mentioned tools and provided hardware. Open the door to about 60% open, grab the plastic panel as shown above and pull in a forward prying motion. This panel is secured with 3 pop fasteners so you should feel all 3 come loose

Step 2



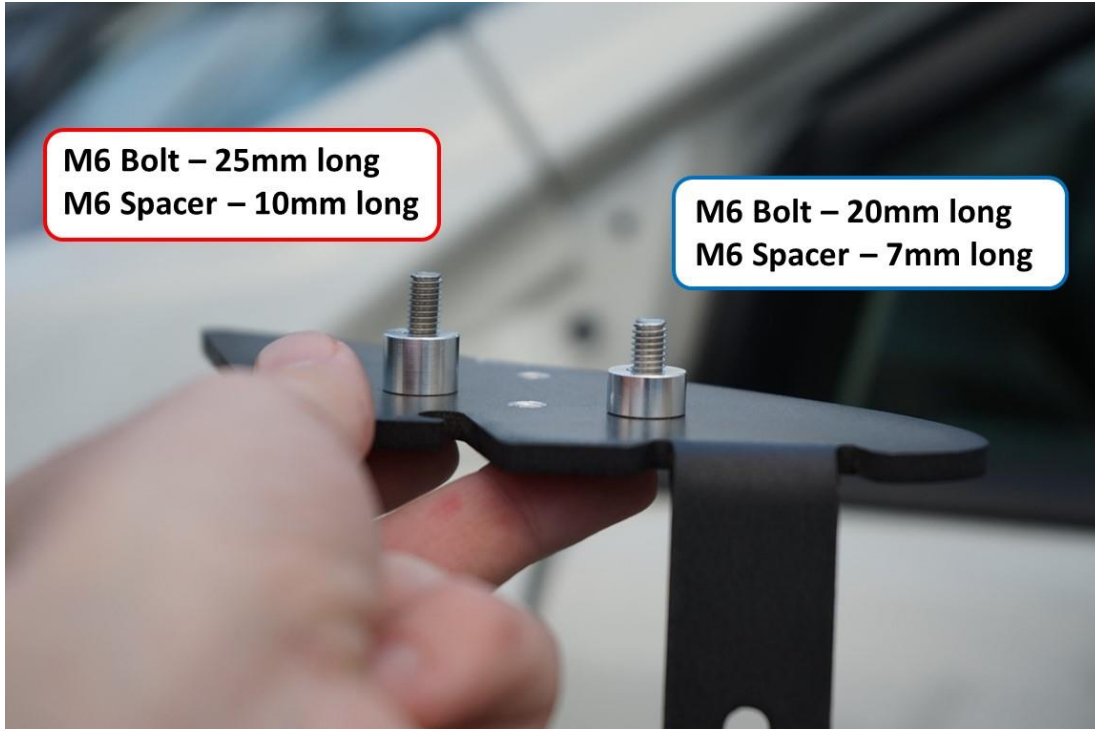
Under the panel you will find a M6 bolt, remove this with a 10mm socket and ratchet

Step 3



These are the two holes that we will be mounting the bracket to. Keep the holes in mind with reference to the bolt that will coincide with them.

Step 4



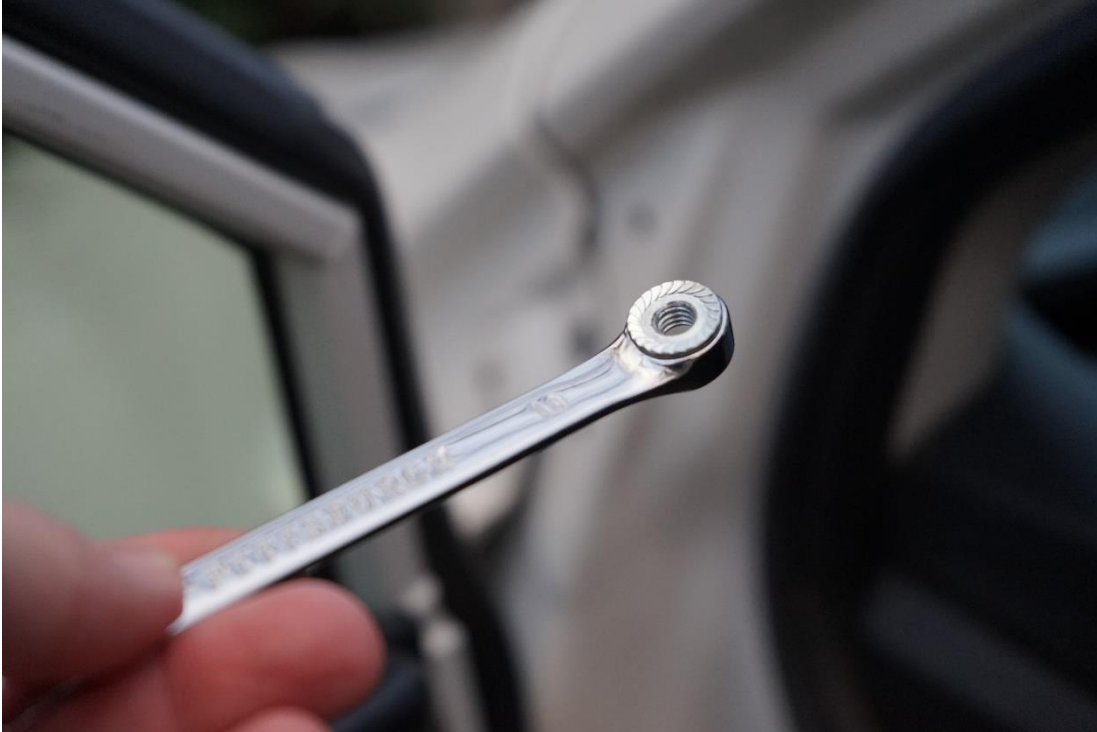
Above is how the hardware should be assembled on the bracket. The shorter of the two is closest to the arm that extends.

Step 5



SLOWLY bring the bracket to the vehicle, be sure to keep the bracket tilted backwards to prevent the spacers from sliding off. Get the shorter bolt into the open hole. Then use the allen to engage the longer bolt into the threaded hole in the frame. Do Not tighten, leave this loose.

Step 6



Now place the provided M6 lock nut into the 10mm wrench. It is advised to use tape or something to keep this from falling out as it is likely to fall into the fender (a spare is provided).

Step 7



You will need to snake the wrench head up into the fender. If you can grab the shorter screw head pull it out slightly to give yourself room to get the M6 nut behind the threads. Use the 5mm allen to engage

Step 8



Once both bolts are threaded you can snug up both, you have a slight amount of wiggle room so make sure the bracket isn't contacting the body anywhere. Once set tighten both bolts (Do not over tighten)

Step 9



Once installed you can now run your harness through the fender (remove the felt liner in the engine bay to see through the fender).

Step 10



Once installed and wired be sure to securely mount your new lights! (shown with optional GoPro mount)

Additional Notes

It is advised to check all the hardware after roughly 100 miles of driving to make sure no hardware has moved or loosened.

When checking the bracket is properly aligned use a sheet of paper to slide around the perimeter of the bracket to make sure it isn't making contact with the body of the vehicle.

Optional - Add 3M foam stripping to the top of the bracket if you are worried about the bracket contacting the body under heavy vibration. No proof of this happening has been found but varying levels of off-road use may cause contact.