

Make: Subaru

Model: 2018-2021 Subaru WRX/STI

Application: Ultimate Light Bar

PACKAGE CONTENTS					TOOLS	
QTY		QTY		QTY		
1	Ultimate Light Bar	2	1/4" Flat Washer	2	5/16" Lock Washer	Rivnut Tool (Included)
1	Skid Guard	2	3/8" Bolt Plate	2	5/16" Hex Bolt	Flathead Screwdriver
1	Lower Mounting Brace	2	3/8"-16 x .75" Hex Bolt			7/16", 9/16" Wrench/Socket
2	Upper Mounting Brackets	2	3/8"-16 x 1" Hex Bolt			3/8" drive extension
2	Upper Support Brackets	2	3/8"-16 x 1.75" Hex Bolt			10mm Socket
1	Rivnut Tool	6	3/8"-16 Hex Nut			12mm Socket
2	1/4" Rivnut	8	3/8" Lock Washer			13mm Socket
2	1/4"-20 x 3/4" Hex Bolt	6	3/8" Washer			Cutting Tool
2	1/4" Lock Washer	2	M8 x 25 Flanged Hex Bolt			

INSTALLATION INSTRUCTIONS



Remove front bumper cover and splash guard.

1



Remove the upper bumper beam by removing indicated bolts.

2



Remove the top plastic piece and intake snorkel.

3



Attach (2) Rivnuts to each of the metal tabs on the upper radiator support. Use a 9/16" Wrench to hold the nut while tightening with a 7/16" Wrench or Socket.

4

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Remove (2) M8 bolts from upper radiator brackets. Attach Upper Mounting Brackets and fasten with provided (2) M8 x 25 Flanged Hex Bolts.

5

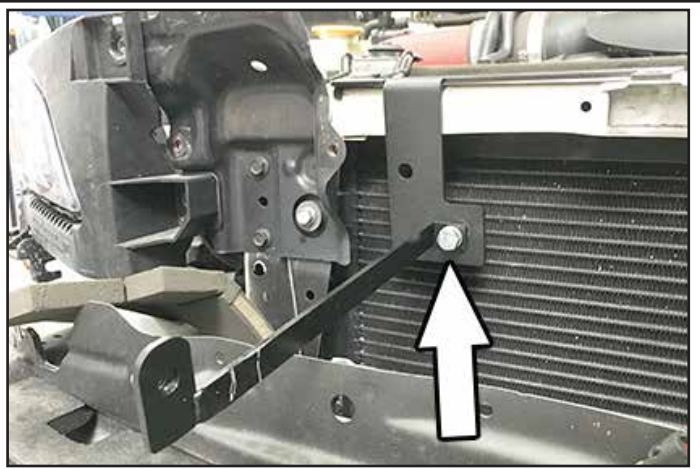


Image For Reference: Upper Support Brackets attach to the Upper Mounting Brackets like so in a later step. Note the orientation of the mounting flange with 5/16" bolt.

6



Reinstall upper plastic piece, intake snorkel, and upper bumper beam. Fasten upper brackets with (2) 1/4" Hex Bolts, Lock Washers, and Flat Washers.

7



Slip (2) 3/8" Bolt Plates into the slots shown underneath the car. Next, reattach front bumper cover.

8



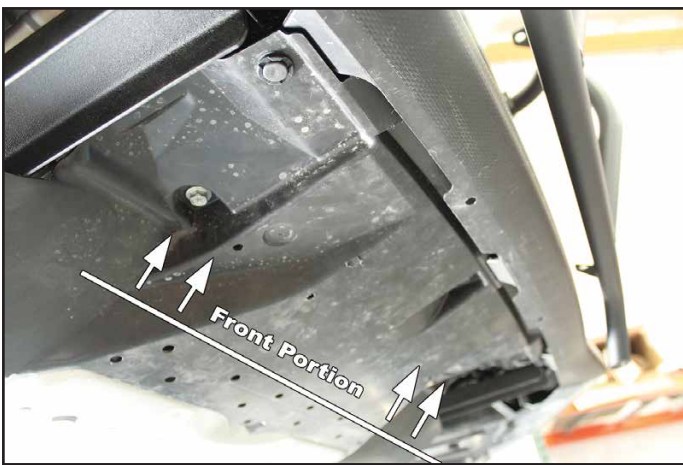
For WRX: Swing the Lower Mounting Brace over the metal plate. Take care not to damage any engine components above.

9



Loosely fasten the Lower Mounting Brace to the Bolt Plates using (2) 3/8" Hex Nuts, Lock Washers, and Flat Washers. Trim the splash guard (refer to instructions below).

10



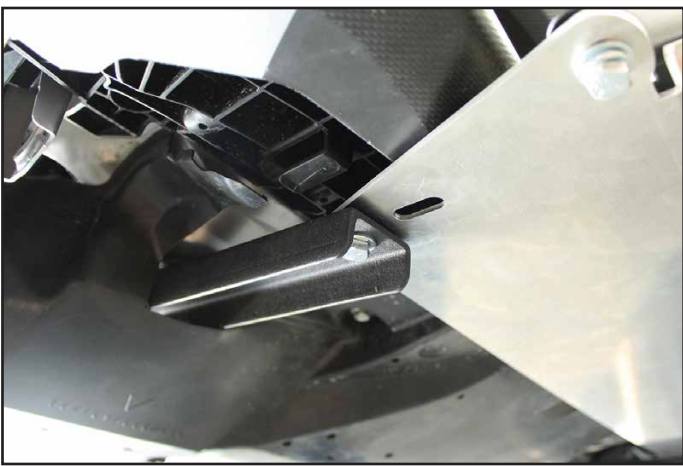
Reattach the splash guard using the factory clips and M8 bolts. NOTE: Just attach the front portion for now. Leave the rear unattached so you can access the Lower Mounting Brace nuts for tightening later.

11



Slide the Skid Guard between the brace and bumper cover. Loosely fasten Ultimate Light Bar to Skid Guard with (2) 3/8" x .75" Hex Bolts, (2) Lock Washers, and (2) Flat Washers.

12



Loosely fasten the rear mounting slot on the skid guard to the Lower Mounting Brace with (1) 3/8" x 1" Hex Bolt, (2) Flat Washers, (1) Lock Washer, and (1) Hex Nut per side.

13



Slip driverside Upper Support Bracket through the grille, like shown above. Note that the bracket will slide through the hole directly below the hole where the Ultimate Light Bar lines up with the grille.

14



Align Upper Support Bracket to Ultimate Light Bar and fasten loosely using (1) 3/8"x1.75" Hex Bolt, (1) 3/8" Lock Washer, & (1) 3/8"Washer. Take note of the orientation of the bracket with welded nut facing outward.

15



Attach the Upper Support Bracket to the Upper Mounting Bracket using a 5/16" Hex Bolt and Lock Washer with a 3/8"-drive extension.

16

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Guide the extension through the hole in the grille shown above.

Note: Do not tighten all the way yet.

17



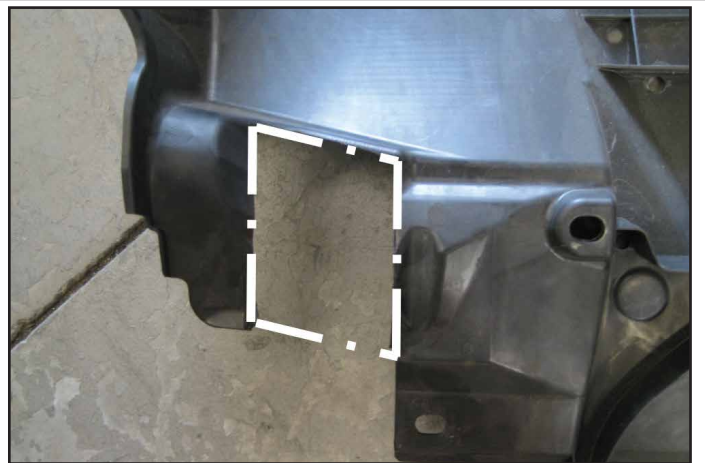
Repeat last four steps on the passenger side Upper Support Bracket. The assembly should now look like the image above. Torque all 5/16" bolts to 19 ft-lbs and 3/8" bolts to 33 ft-lbs.

18



Returning underneath the vehicle, reach behind the splash guard and pull it down so you can access the (2) Lower Mounting Brace nuts and tighten them. Next, proceed to reattach the remaining factory clips securing the rest of the splash guard.

19



Trimming Splash Guard for WRX: Cut the splash guard as shown and reattach prior to/above Skid Guard.

20



Trimming Splash Guard for STI: Cut the splash guard as shown and reattach prior to/above Skid Guard.

19



Completed assembly shown above.

20