



INSTALLATION GUIDE
Part Number GRM113090BLK/RED
Last Updated 08/21/2024

GRIMMSPEED 2022+ WRX RADIATOR SHROUD INSTALL GUIDE



FITMENTS:

- 2022+ Subaru WRX

TOOLS NEEDED:

- 10mm Socket and Ratchet
- 3mm Allen Key
- 2.5mm Allen Key
- Flat Head Screwdriver

THINGS TO NOTE:

- This is a fairly basic installation and should only take 20-30 minutes to complete
- Be sure to follow recommended torque specs during the install.
- No ECU tuning or re-calibration is required after installation.

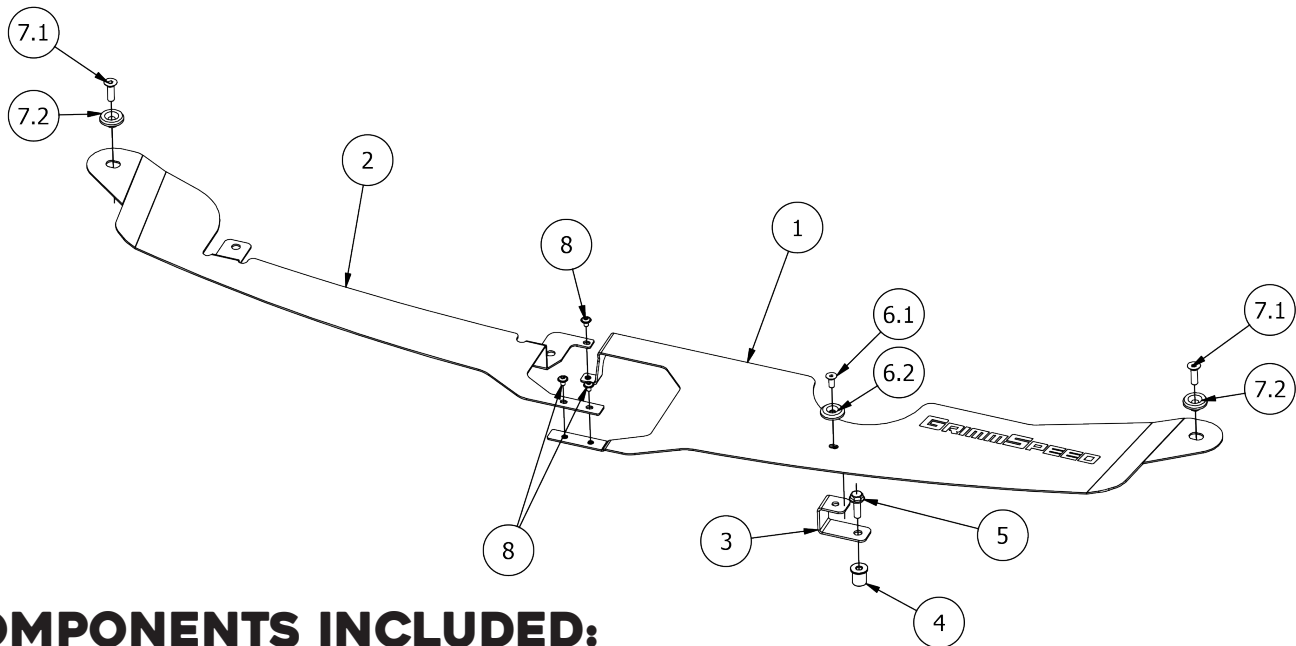
PRODUCT DISCLAIMER:

United States 48 State Compliant:

California/New York Residents please see Prop 65.

This is a Race Only product that is to be used solely for competition, it cannot be used on vehicles that are operated on public streets, roads or highways. Its use is limited to closed-course and open-course racing that is formally sanctioned by a recognized racing organization. Any other use including recreational use could be in violation of local, state and federal laws.

GrimmSpeed is not responsible for any vehicle damage or personal injury that may occur due to an installation error, product misuse, or removal of GrimmSpeed products. GrimmSpeed highly suggests that a trained professional conduct the installation on all products. GrimmSpeed is not responsible for damaged products due to incorrect installation.



COMPONENTS INCLUDED:

Item	Quantity	Part Number	Description
1	1	GS-113087BLK/RED	GrimmSpeed Radiator Shroud - Driver's Side
2	1	GS-113088BLK/RED	GrimmSpeed Radiator Shroud - Passenger's Side
3	1	GS-113089	GrimmSpeed Radiator Shroud Mounting Bracket
4	1	GS-099057	M6x1.0 Rubber Rivet Nut
5	1	B02040	M6x1.0-20mm JIS Bolt - Clear Zinc Plated
6.1	1	GS-113097A	M5x0.8 Flat-Head Screw
6.2	1	GS-113097B	GrimmSpeed M5 Dress-Up Washer
7.1	2	GS-113096A	M6x1.0 Flat-Head Screw
7.2	2	GS-113096B	GrimmSpeed M6 Dress-Up Washer
8	3	B06001	M4x0.7-6mm Flanged Stainless Button Head Cap Screw

BEFORE YOU BEGIN:

Turn off the ignition. Loosen battery terminal and disconnect the negative battery terminal cable. Allow the vehicle to sit for a minimum of 5 minutes to drain any remaining charge from the charging system.

- 1 Using a flat head screwdriver, remove the two plastic fasteners securing the intake duct to the factory radiator shroud. You should be able to turn the inner section counter-clockwise 1/4 turn to pop it up and then pull out the rest of the clip. With the clips removed, pull the intake duct out of the engine bay. Set these parts aside as they will be reinstalled later.



- 2 With the intake duct out of the way, we can work on removing the factory radiator shroud. There are 3 more plastic pop clips across the shroud that hold it in place. You will also need to remove the two 10mm bolts securing the headlight mounting tabs to the core support. Once all of the hardware is removed, you can remove the factory cover.



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With the factory radiator cover out of the way, you should see an open hole right in front of the radiator cap. Grab the M6 Rubber Rivet Nut from the included hardware kit and press it in to place in this hole as shown below.

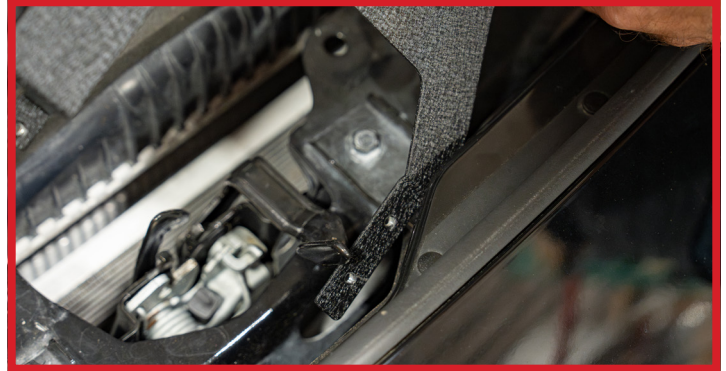


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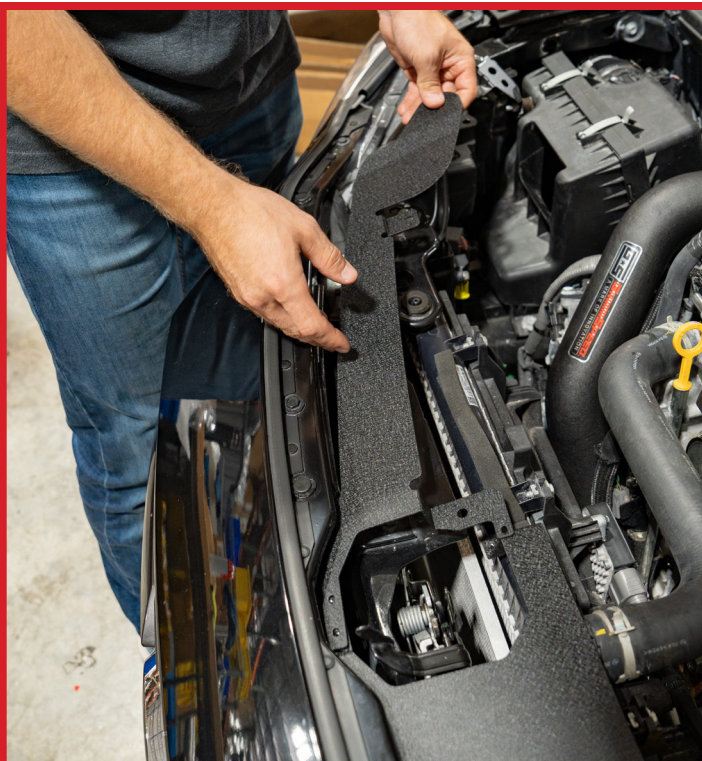
Grab the Radiator Support Mounting Bracket and the M6 Bolt included in your hardware kit and install them onto the radiator shroud as shown below. With a 10mm socket, tighten the bolt until it will not go any further to ensure that the rubber rivet nut is fully compressed and the bracket is securely mounted to the core support.



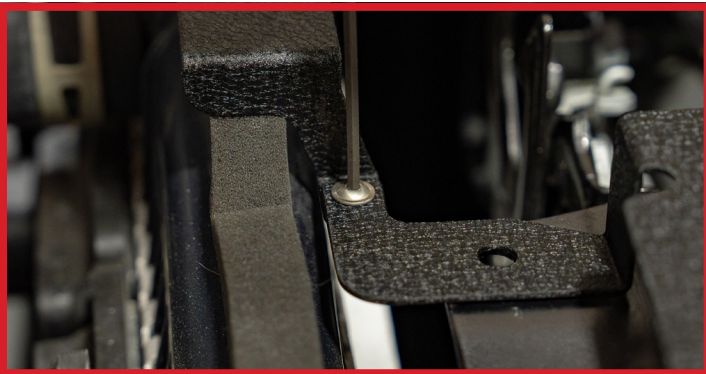
- 5** You can now begin installing the GrimmSpeed Radiator Shroud. Starting with the driver's side (the piece with the Logo), feed the front edge under the hood latch and lay the Shroud across the top of the radiator. The middle mounting hole should line up with the threaded insert on the mounting bracket we installed in the last step.



- 6** Before securing the driver's side of the Radiator Shroud into place, set the passenger's side of the Shroud in place as well. The small mounting holes where the two halves of the Shroud meet should line up as shown here.



- 7** Grab the three small M4 screws included in your hardware kit and use them to bolt the two halves of the Radiator Shroud together using a 2.5mm allen key. These bolts are very easy to loose if they are dropped down into the radiator/fan assembly, so we suggest adding a dab of grease to the end of your allen key to stick to the bolt while installing. Leave these somewhat loose for now to allow for some adjustment.



- 8** Grab the two larger Dressup Washers and their matching M6 bolts from your hardware kit and use them to secure the Radiator Shroud to the headlight mounting points as shown below using a 3mm allen key. Torque these bolts to no more than 12 ft/lbs.



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Secure the Radiator Shroud to the Mounting Bracket we added earlier with the last remaining smaller Dress-up Bolt/Washer combo. You can tighten this bolt to 7.5 ft/lbs. With the last of the Radiator Shroud hardware in place, you can fully tighten the three M4 bolts securing the two halves of the Radiator Shroud.



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The last step is to reinstall the factory intake duct into the engine bay by inserting it into the opening in the air box and securing it to the GrimmSpeed Radiator Shroud using the two plastic pop clips we removed at the beginning of this install.





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