

Installation Manual

Product

Mud Flaps



Fitment

2015 - 2021 WRX/STI

BEFORE YOU START

Suggested Tools

- Pick Tool
- Phillips Screwdriver
- Standard Flat Head Screwdriver
- 3/8" Ratchet
- 4mm Allen Key Socket
- 10mm Wrench
- 19mm Socket (Lug Nuts)
- Impact Gun
- Torque Wrench
- Floor Jack
- Jack Stands
- Anti-Seize

What's Included

Front Flap Set

- Front RH & LH Mud Flaps
- Front RH & LH Brackets
- 8x M6x1 Barrel Clips
- 4x M6x1x20 Hex Head Screws
- 4x M6x1x16 Hex Head Screws
- 8x M6 Washers

Rear Flap Set

- Rear RH & LH Mud Flaps
- Rear RH & LH Brackets
- 6x M6x1 Barrel Clips
- 6x M6x1x20 Hex Head Screws
- 2x M6x1x16 Hex Head Screws
- 2x M6x1 Nylon Insert Lock Nut
- 10x M6 Washers



CAUTION

- Make sure you have all necessary tools before beginning installation.
- This document uses a 2020 STI for the installation process. Your experience may vary slightly depending on year and model.
- Please reference your **Factory Service Manual** for specific part removal instructions on your specific vehicle.

Factory Service Manuals can be purchased at: <https://techinfo.subaru.com/>

SAFETY CHECK

- Safety glasses are recommended.

PART 01

PREPARING FOR INSTALLATION

Raising the Car

1. Lift car off ground and secure appropriately
2. Remove wheels from vehicle and set aside

PART 02

FRONT MUD FLAP INSTALLATION

Liner Disassembly and Flap Install

Note: Photos show installation of LH side mud flaps

1. Remove three (3) visible clips using a Phillips screwdriver to release the center portion of the clip ([Reference 01](#))
2. Remove the single lower clip under side skirt (set aside as this will be reused later) ([Reference 02](#))

REFERENCE 01



REFERENCE 02



FRONT MUD FLAP INSTALLATION

Liner Disassembly and Flap Install

Note: Photos show installation of LH side mud flaps

3. Pull back wheel arch liner
4. Position three (3) barrel clips onto the tabs from which the clips were removed

Note: The barrel/threaded portion of the clip should be hidden inside of the fender. (Reference 03)

A pick tool can be helpful to align the barrel nut to the hole. (Reference 04)

REFERENCE 03



REFERENCE 04



5. Replace wheel arch liner making sure it tucks underneath the fender (Reference 05)
6. Position the bracket so that the stepped bent tab is closest to the outside of the vehicle and the lower tab feeds between the wheel arch liner and the side skirt
7. Secure bracket to vehicle over the wheel arch liner by using an M6x16 screw and washer and attaching to the lowest positioned barrel clip (Reference 06)

REFERENCE 05



FRONT MUD FLAP INSTALLATION

8. Secure a barrel clip to the bracket over the inside hole (Reference 07)
9. Resecure the lower clip under the side skirt through the mounting bracket – be sure to secure all three pieces together. **Note:** If you struggle with this step a “X-Mas” tree clip can be substituted

REFERENCE 06



REFERENCE 07



10. The mud flap can now be installed to the bracket. For the inner most mount use the remaining M6x16 screw and washer. For the top two mounts use the M6x20 screws and washers. Secure all hardware so that it is tight but does not drastically deform the flap. Use of anti-seize recommended for salty/corrosive environments. (Reference 08)
11. Repeat steps 1-10 to install the mud flap on the opposite side
12. Reinstall wheels and make sure lugs have been set to the appropriate torque

REFERENCE 08



REAR MUD FLAP INSTALLATION

Liner Disassembly and Flap Install

1. Remove two (2) visible clips using a pick tool or flathead screwdriver (Reference 09)
2. Remove forward most clip from underneath vehicle connecting the painted bumper to the wheel arch liner (set aside as this will be reused later) (Reference 10)
3. Pull back outer splash guard to expose the middle mounting location – position a barrel clip over this hole

Note: Make sure to position the barrel clip in the correct orientation. (Reference 11 + 12)

REFERENCE 09



REFERENCE 10



REFERENCE 11



REFERENCE 12



REAR MUD FLAP INSTALLATION

4. Replace wheel arch liner making sure it tucks underneath the fender (Reference 13)
5. Prepare rear bracket by positioning one barrel nut clip on the top part of the bracket (Reference 14)
Note: Make sure the arc in the bracket matches the wheel arch
6. Position the bracket between the liner and the painted bumper (Reference 15)
7. Place a barrel clip over bottom hole making sure to capture the painted bumper with the bracket (Reference 16)
Note: The clip may need to be opened slightly for this step for ease of installation. A pick tool can be helpful to align the barrel nut to the hole.

REFERENCE 13



REFERENCE 14



REFERENCE 15



REFERENCE 16



REAR MUD FLAP INSTALLATION

8. Resecure clip to the underside holding the painted bumper to the wheel arch
9. Mud flaps are now ready to install
10. Use M6x16 screw for the top mount to the bracket. Use three (3) M6x20 screws for the bottom three mounts.

(Reference 17)

The innermost mount will be secured on the opposite side with the provided M6x1 locking nut and washer.

(Reference 18)

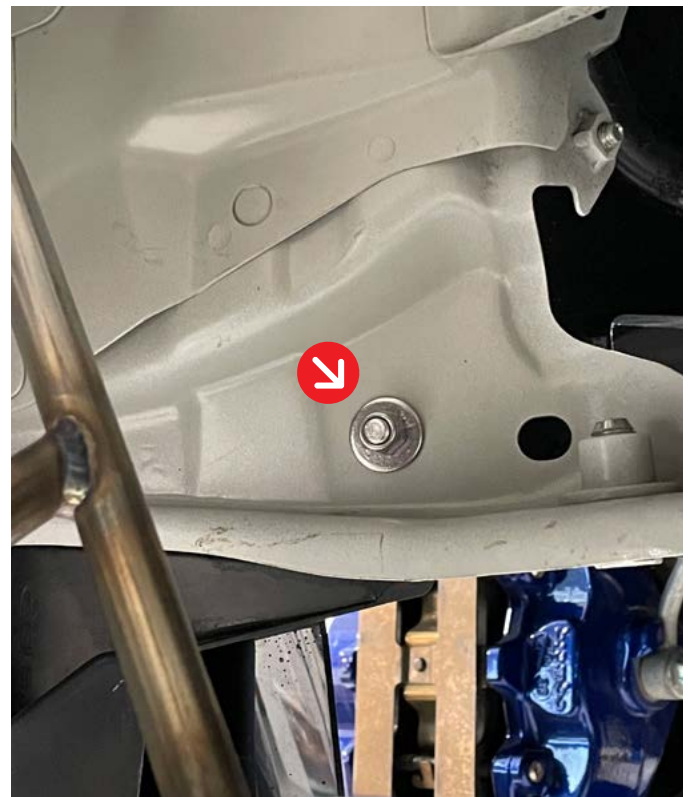
Note: Secure all hardware so that it is tight but does not drastically deform the flap. Use of anti-seize recommended for salty/corrosive environments.

11. Repeat steps 1-9 to install the mud flap on the opposite side
12. Reinstall wheels and make sure lugs have been set to the appropriate torque
13. Safely lower vehicle

REFERENCE 17



REFERENCE 18



Finished



If you have questions or need help with your install or parts questions, please reach out to us:

Email: support@vtcar.com | **Phone:** 802.655.3533

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