# 2018+ STI COLD AIR INTAKE

2023-12-06 PSP-INT-326

Thank you for purchasing this PERRIN product for your car! Installation of this product should only be performed by persons experienced with installation of aftermarket performance parts and proper operation of high performance vehicles. If vehicle needs to be raised off the ground for installation, the installer must use proper jacks, jack-stands and/or a professional vehicle hoist for safety of the installer and to protect property. If the vehicle is lifted improperly, serious injury or death may occur! Please read through all instructions before performing any portion of installation. If you have any questions, please contact our tech department prior to starting installation. We can be reached in any of the following methods:

Email Tech@PERRINperformance.com
Instant Chat off the main page of www.PERRINperformance.com
Or simply call our tech team at 503-693-1702

**WARNING: This product can expose you to chemicals including Lead which is known to the State of California to cause cancer birth defects or other reproductive harm. For more information, go to www.P65Warnings.ca.gov**

GENERAL MODIFICATION NOTE

Modifications to any vehicle can change the handling and performance. As with any vehicle extreme care must be used to prevent loss of control or roll-over during sharp turns or abrupt maneuvers. Always wear seat belts, and drive safely, recognizing that reduced speeds and specialized driving techniques may be required. Failure to drive a vehicle safely may result in serious injury or death. Do not drive a vehicle unless you are familiar with its unique handling characteristics and are confident of your ability to maintain control under all driving conditions. Some modifications (and combinations of modifications) are not recommended and may not be permitted in your state or country. Consult the owner's manual, service manual, instructions accompanying these products, and local laws before purchasing and installing these modifications. You are responsible for the legality and safety of the vehicle you modify using these components.

## SPECIAL NOTES:

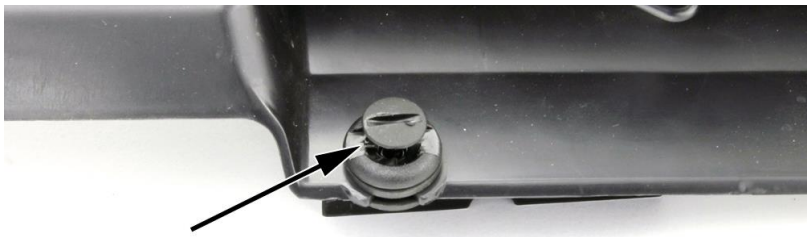
- This intake is safe to run on a stock car or a stock car with cat back exhaust. If any other modifications are done, a custom ECU recalibration is required. Contact a professional tuner for further information on how this can be done.
- **Before installing new filter, excess oil must be mopped up. Especially around base where it connects to the intake pipe. We recommend removing both sets of clamps and wipe the oil from the clamps and the surfaces that they touch on the filter. This will ensure that during the tightening of the filter, the clamps will not slide off.**
- We recommend that your filter should be cleaned at least once a year or every 10,000 miles, depending on local dust and pollutant levels.
- To clean your foam filter, simply remove the outer filter from the cage, then follow the directions from a foam filter clean kit (can be purchased at any local ATV/offroad vehicle store). **NOTE: Use of improper cleaners and oils will damage filter and void warranty.**
    - Clean the filter with water and a biodegradable degreaser such as Simple Green.
    - Let filter dry completely then apply the special foam filter oil to it while massaging it into the foam.
    - Mop up excess oil (especially around base of filter where it connect to intake pipe).
- Foam filter oil must be used (these are thick and sticky compared to the others) to oil the filter. NEVER use the typical K&N oil to oil this filter. This type of oil is too thin and will fall off the filter in a short period of time and filter will NOT capture dirt as it was designed to.

## Parts Included with the PERRIN Cold Air Intake:

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| **(1) 2.75"ID filter** | **X-PSP-INT-324-2** |
| **(1) Intake tube** | **X-PSP-INT-326BK or RD** |
| **(1) Mounting Bracket** | **X-PSP-INT-326-1** |
| **(2) Clamps** | **X-CLAMP-048** |
| **(1) Silicone 2.75"ID Coupler** | **X-PSP-INT-213BK** |
| **(2) M4x10 Screws** | **X-BLT-M4X0.7X10** |
| **(1) 7/16" Extra Thick Washer** | **X-BLT-43WSAEH-ZY-ET** |
| **(2) M6 Fender Washers** | **X-BLT-M618WF-SS** |
| **(1) M6x20 Hex bolt** | **X-BLT-M6X20CH10.9-Z** |

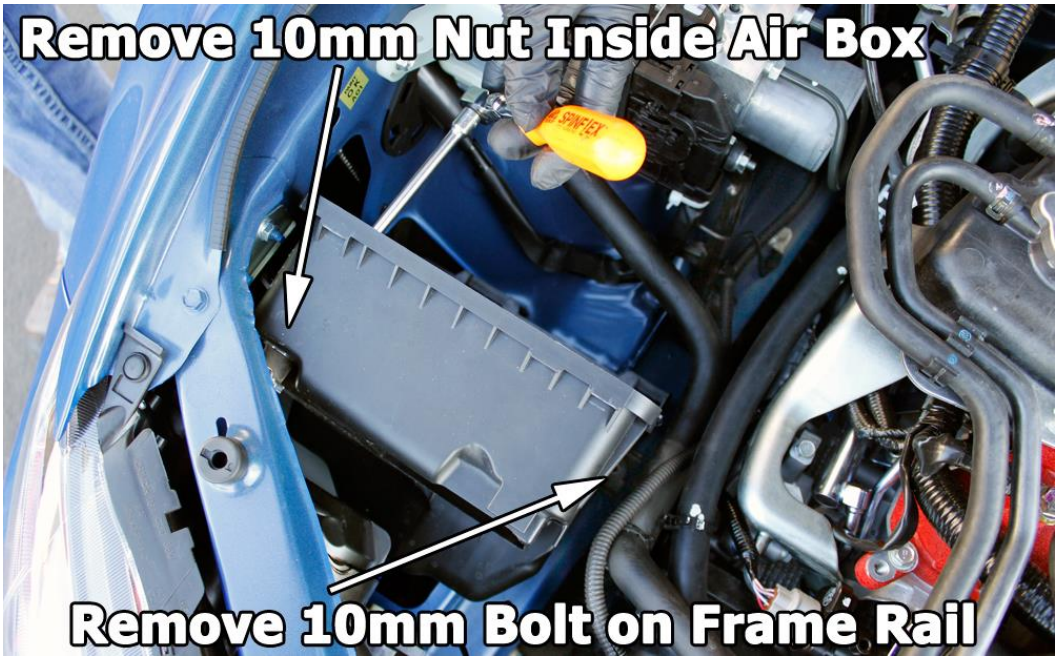
## Installation

1. Disconnect negative terminal of vehicle battery. **NOTE: This will reset the ECU, so any custom ECU calibration may be lost and may need to be reflashed.**
2. Remove (2) plastic fasteners holding air scoop to car by turning 90 degrees with a flat head screwdriver or using panel popper tool.

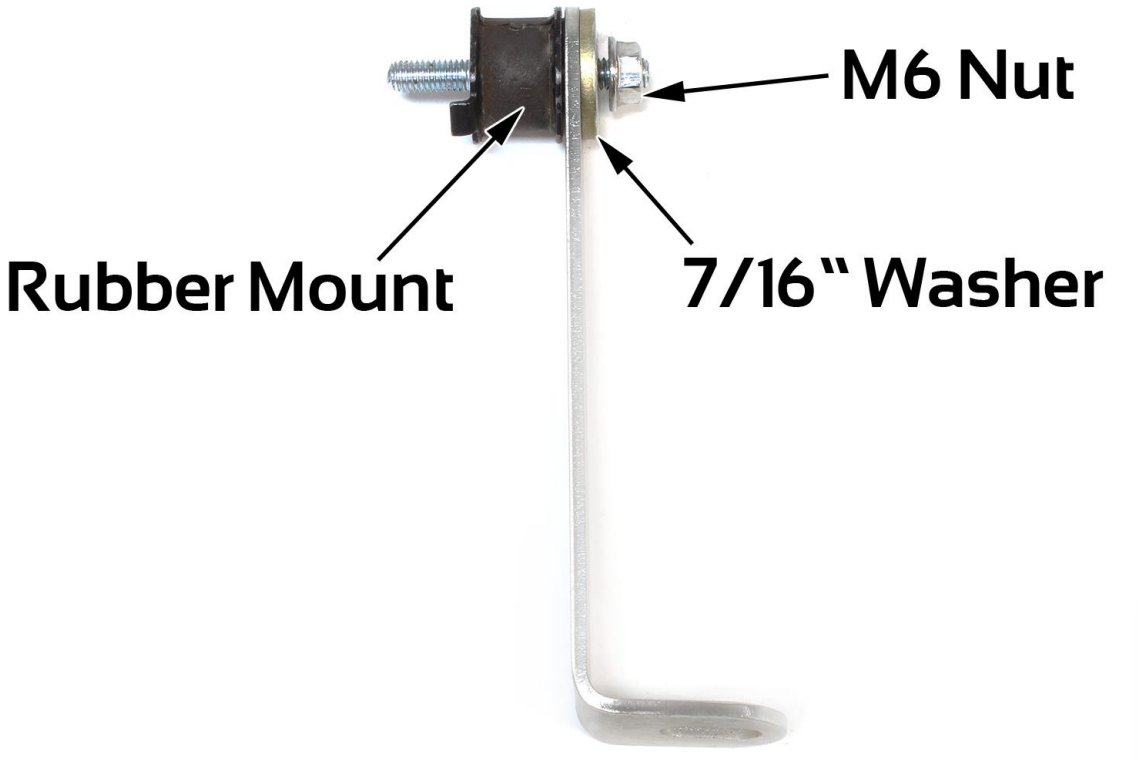


**Use Flat Head Screw Driver or Panel Popper Tool**

3. Loosen hose clamp securing rubber intake hose to turbo inlet pipe. Do this until hose clamp is completely loose around rubber hose.
4. Unplug MAF sensor, flip (2) metal clips to free rear section of air box, unsnap MAF harness and rubber hose from side of air box. Carefully remove rear section of air box, air filter and rubber hose from turbo inlet pipe in one step.
5. Remove 10mm nut located inside of air box (as shown) and 10mm bolt securing lower section of air box to chassis.



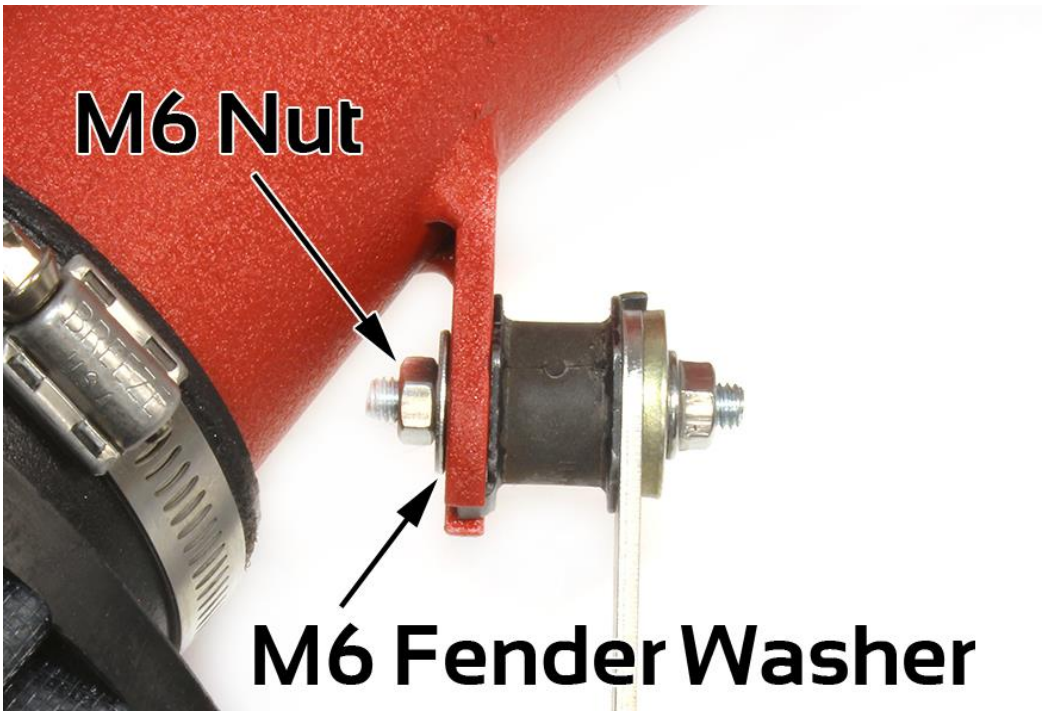

6. Remove front section of air box from vehicle.
7. Using a 10mm socket, remove (2) nuts securing upper air box mounting bracket and rubber mount. Remove bracket with rubber mount from chassis and using 10mm socket then remove nut securing rubber mount to bracket. This rubber mount will be used in next step.
8. Install rubber mount with stepped side of mount into bracket as shown. Then place the extra thick 7/16" washer onto stepped side of mount (sticking out past the bracket) and secure with flanged M6 nut removed from previous step. If installed properly, rubber mount will not rotate when nut is tight.



9. Install supplied bracket (with rubber mount) to threaded hole in frame rail and secure using supplied M6 bolt and fender washer. Leave loose until air intake pipe is mounted.




10. Install supplied silicone coupler to turbo inlet hose making sure to push coupler at least .50” past the bump on the end.
11. Install (2) supplied clamps over coupler and leave loose until final step.
12. Remove air filter from bag, remove both clamps and wipe off excess oi from the body as well as the rubber base (inside and out). Reinstall the clamps to the filter making sure to just snug the upper/larger filter. Do not over tighten this larger clamp.
13. Install air filter to end of tube with MAF sensor installed.
14. Remove MAF sensor from factory air box, place into PERRIN intake tube and secure using supplied M4 screws.
15. Install intake tube into coupler and over rubber mount.
16. Secure intake tube to rubber mount using M6 nut removed from previous step, and supplied M6 fender washer.



17. Adjust intake tube so filter and other parts are at least 3/8” away from chassis and other immovable objects.
18. Tighten 10mm bolt securing bracket to chassis. Tighten 10mm nut securing rubber mount to intake tube.
19. Adjust clamps and tighten around silicone coupler.




20. Re-install plug/harness to MAF sensor making sure that small tab locks into place.
21. Reconnect negative terminal on battery and attempt to start the car. The engine will crank over a few extra times more than normal, the first time you start it. This is normal after reconnecting the battery.
22. If engine starts and runs as normal proceed with test drive. If engine stumbles and has any check engine lights, recheck the installation (especially the MAF sensor being plugged in completely) and clear any codes and restart the engine. If you are still experiencing engine stumbling, call PERRIN Tech support.

## Tuner Info for Custom ECU Calibrations

- If using a Cobb Accessport, please use the calibration listed with the AEM intake system as this uses the same MAF sensor Scaling and will run the car properly without Check Engine Lights.
- MAF Scaling we have used to create custom calibrations for the ECU are available to professional tuners upon request. This MAF scaling can be used by your tuner to allow them to easily recalibrate the ECU to run properly with custom tunes. Recalibrating the ECU for this intake is NOT necessary for a stock car with a stock tune, this is only for cars with custom tunes or other aftermarket parts installed.

**Questions, Comments and Suggestions Contact: Tech@PERRIN.com**
**Visit Our Website for Instant Chat Options at www.PERRIN.com**
**Call Our Tech Team at 503-693-1702**