

PERRIN

2015+ WRX COLD AIR INTAKE

PSP-INT-325BK & PSP-INT-325RD

Vehicle Fitment Chart:

2015-18 SUBARU WRX H4-2.0L Turbo

2017-09-05

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

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:

- The use of a factory service manual is highly recommended and can be purchased or downloaded online at <http://techinfo.subaru.com>.
- We recommend that your filter should be cleaned at least every 20,000 miles, depending on local dust and pollutant levels. A special dry flow filter cleaning kit is available from our website and dealers. NOTE: Use of other cleaners and oils will damage filter and void warranty.

Parts Included with the PERRIN Cold Air Intake:

(1) 2.75"ID filter	X-PSP-INT-324
(1) Intake tube	X-PSP-INT-325-1BK or RD
(1) Heat Shield	X-PSP-INT-325-6BK or RD
(1) MAF Extension Harness	X-PSP-INT-325-5
(1) Mounting Bracket	X-PSP-INT-323
(2) M8X20 SS Cap Screw	X-BLT-M8x20CS-SS
(4) M8 Fender Washer	X-BLT-M8x25WF-Z
(3) M8 Nuts	X-BLT-M8NF-Z
(2) M4x10 Philip Pan Screws	X-BLT-M4X0.7X10
(2) Aluminum Spacer	X-ASM-ITR-202
(3) M6 Fender Washers	X-BLT-M618WF-SS
(1) M6x40 Hex bolt	X-BLT-M6X40CH10.9-Z
(1) M5 Hex Wrench	X-BLT-M5KHS
(15") Door Trim	X-TRM-002

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. Remove Scoop from car and retain fasteners as these will be reused.



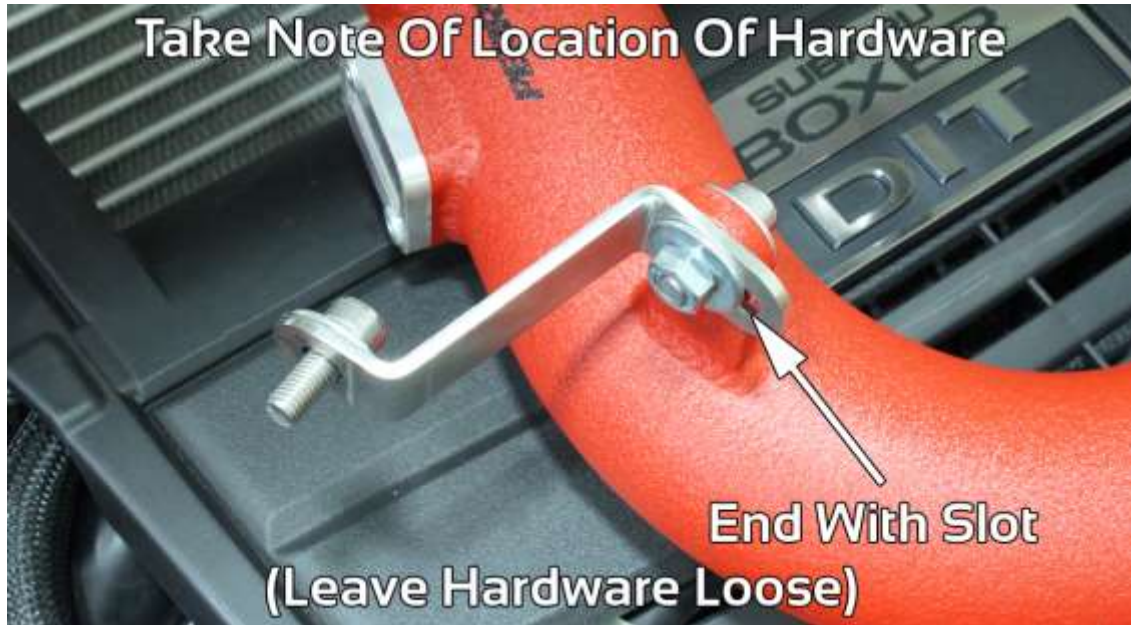
**Use Flat Head Screw Driver
or Panel Popper Tool**



3. Locate and remove (3) M6 nuts and (1) M6 bolt as shown in above picture. Unclip (2) latches holding the air box together and remove front half from car. **Note: This can be kind of tight as you must maneuver lower section of air box out.**
4. Unplug MAF sensor from air box.
5. Pull remaining air box out of fender area enough to expose hose clamp securing rubber intake hose. Loosen clamp and remove air box from car, leaving only the rubber tube left behind.
6. Locate and remove lower hose clamp and M6 nut as shown in picture below.
7. Remove remaining rubber and plastic intake hose from car. See picture on next page to show an alternative view from under the car.



8. Remove MAF sensor from OEM intake and install into PERRIN intake tube using supplied M4 screws.
9. Using supplied M8 hardware, install bracket to PERRIN intake tube as shown in picture below. Take note that the end with the slot goes onto intake side. Tighten hardware using fingers as this will need to be adjusted in a later step.



10. Set intake tube with bracket into fender area and install into OEM rubber hose. Leave hose clamp loose at this time.
11. Install M8 bolt and washer through bracket and into hole in chassis as shown below. Take note of the 2015-2017 mounting hole is different than the 2018+ mounting hole.



Above picture shows the 2015-2017 WRX mounting location.



12. Install supplied M8 washer and nut to bolt, on backside of chassis. Tighten hardware with fingers only as this will need to be adjusted in future steps.



13. Mount lower portion of PERRIN intake to chassis. See picture below:
- For 2015-2017 models, loosely install M6x40 bolt, M6 fender washers, M6 nut and a single spacer (as shown below) into upper hole in bracket on PERRIN intake (making intake sit lower in chassis). Leave slightly loose for now.
 - For 2018+ models, loosely install M6x40 bolt, M6 fender washers, M6 nut and two spacers into lower hole in bracket on PERRIN intake (making intake sit higher in chassis). Leave slightly loose for now.



14. Install supplied MAF extension harness to MAF sensor and OEM plug (You can see installed in picture above step 13).
15. Locate and remove ground bolt and wire on frame rail.



16. Locate and remove (2) screws on side of ECU.



17. Install PERRIN heat shield onto ECU and secure with screws removed in previous step. **Note: shield fits around headlight plug and harness, take care not to damage or force this to fit.**
18. Secure front portion using M6 bolt, ground, and supplied M6 washer as shown below. **Note: Ensure that front of shield is NOT on top of wire harness (shown in picture below). Some bending or "tucking" of shield may be necessary.**



19. Install supplied rubber trim on top edge of heat shield.



20. Set air filter on top of intake tube and check for clearance with fender liner. Adjust intake around until filter does not touch and snug down both M8 bolts and nuts securing bracket to intake and chassis. Then tighten M6 bolt and nut, securing lower portion of intake to chassis.
21. Install intake scoop temporarily to check for clearances once more time. Ensure that filter does not contact scoop.



22. Remove air scoop and filter and tighten all M8 bolts to roughly 15ft-lbs. **Note: Using a closed end box wrench to reach nut behind fender brace makes this much easier to tighten.**
23. Tighten M6 bolt and nut to roughly 6ft-lbs.
24. Install air filter to intake tube and secure with hose clamp.
25. Reinstall air scoop to chassis and secure with OEM plastic fasteners.
26. 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.

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