



## 2022+ WRX Single Exit Exhaust

2024-11-13

PSP-EXT-354

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@PERRIN.com

Instant Chat off the main page of [www.PERRIN.com](http://www.PERRIN.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](http://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:

- The use of penetrating oil will greatly reduce the chances of damaging threads on bolts as they are removed.
- We highly recommend the use of anti-seize on threads of all bolts when reassembling.
- The use of lubricant on the hangers will aid in removal from car.
- New exhaust systems will have some odor and or smoke associated with the installation and break in process. Both should be eliminated within 100 miles of freeway driving. Also, stainless steel will discolor throughout the lifetime of the system. This is normal and not cause for concern.

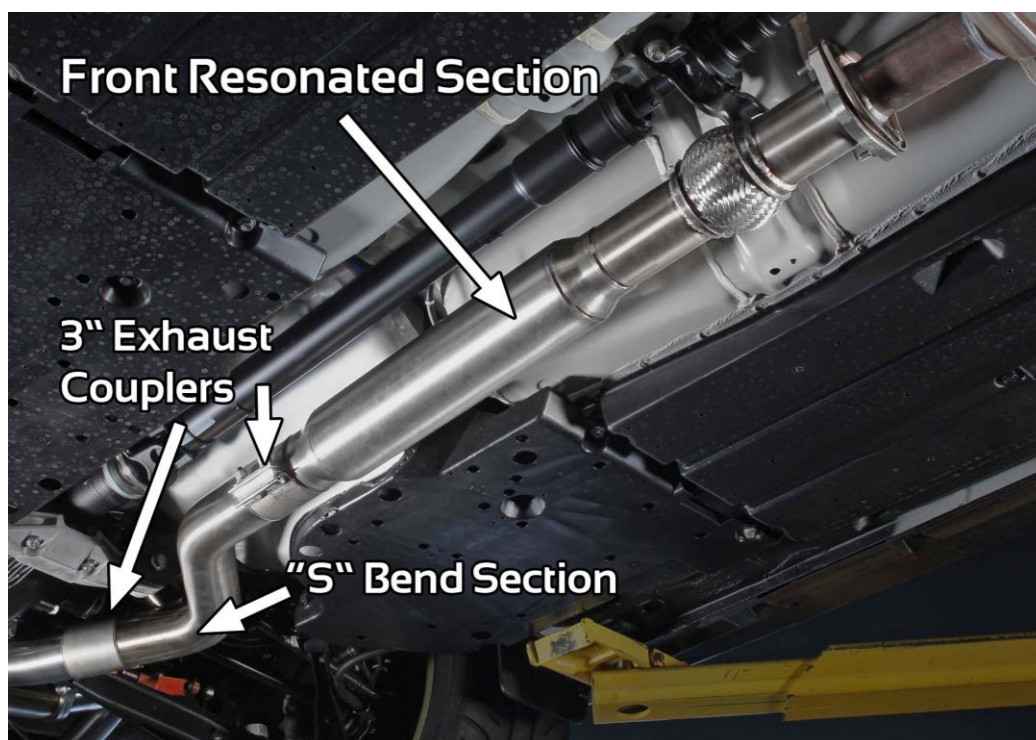
### Parts Included with the PERRIN Single Exit Exhaust:

| QTY | Part Number           | Description   |
|-----|-----------------------|---|
| 1   | X-PSP-EXT-354-3       | Rear Section, Single Exit w/ Chamber for 2022+ WRX      |
| 1   | X-PSP-EXT-354-4       | Tip, Slash Cut 4.5" OD                                  |
| 1   | XC-PSP-EXT-354-1      | Midpipe w/Resonator for 22+ WRX Brushed w/Flange welded |
| 1   | X-PSP-EXT-354-2       | S-Pipe for 22+ WRX Brushed                              |
| 2   | X-CLAMP-300DEC        | Coupler for 3.00" Exhaust Butted Tube Type              |
| 1   | X-CLAMP-312           | Clamp Size 312 T-bolt Type                              |
| 1   | X-ASM-EXT-109         | Gasket 3"ID   |
| 2   | X-BLT-37WS8-ZT        | 3/8" Split Washer                                       |
| 2   | X-BLT-3824CH8-ZY      | 3/8"-24 x1.5" Hex Bolt                                  |
| 2   | X-BLT-38NF8-ZY        | 3/8"-24 Nut   |
| 4   | X-BLT-37WSAEH-ZY      | 3/8" SAE Washer   |
| 2   | X-BLT-M8X40CH10.9-ZFT | M8 X 40 Hex Head 10.9 Bolt                              |
| 2   | X-BLT-M8NF-Z          | M8 Nut  |
| 4   | X-BLT-M8x25WF-Z       | M8 Fender Washer  |

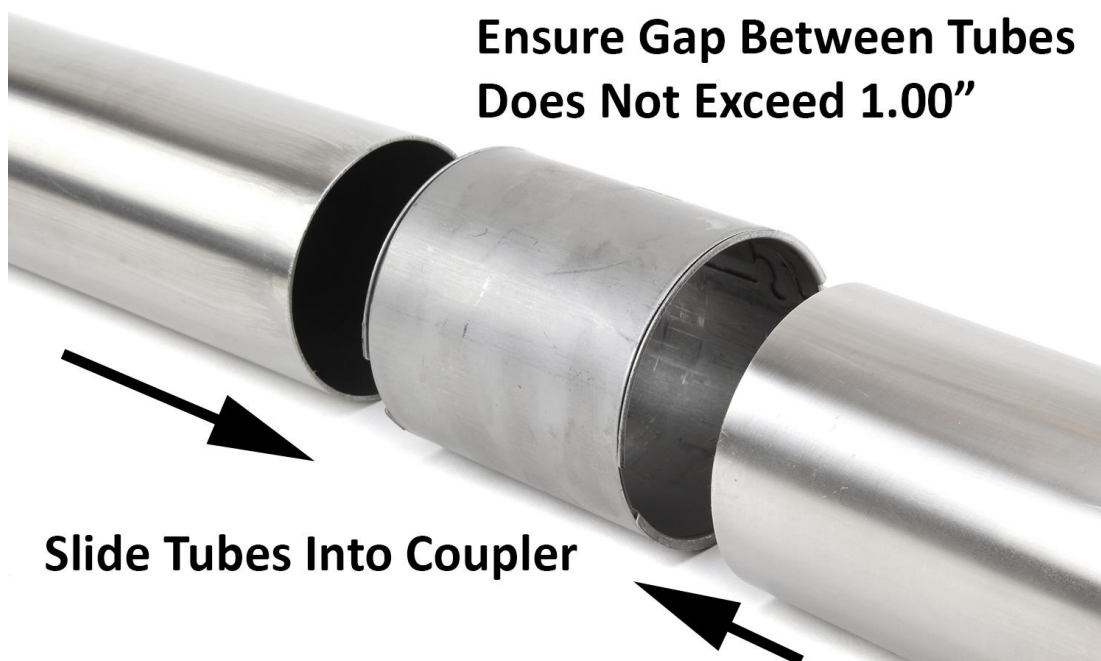
### Removal and Installation

1. Remove factory midpipe exhaust section and mufflers. Use factory service manual for additional details.
2. Remove donut gasket from OEM front pipe, then install supplied 3" gasket over flange.
3. Starting at the rear of the car, install PERRIN Single Exit Rear Section to the hangers.
4. Slide supplied 3" exhaust coupler over end of tube on PERRIN Rear Section roughly 2". Leave loose at this time.
5. Install PERRIN "S" Section into hanger and into 3" coupler in rear section.
6. Install PERRIN Front Resonated section into the 3" coupler in "S" section.
7. Align PERRIN Front Resonated section to the front pipe, then install supplied gasket between both parts. Loosely install supplied M8 hardware to secure PERRIN front section to the OEM front pipe. **NOTE: The rotation of this part will affect how the**

flanges line up. If they do not line up, rotate pipe 180 degrees. Also included is 3/8" hardware that can be used to secure the front section to other aftermarket front pipes.



8. Adjust both 3" exhaust couplers so they are equally covering both tubes. Then rotate so the bolts can be easily reached and do not hang down below the car. Snug down hardware to hold tubes in place.



9. Install supplied T-bolt clamp over rear section of exhaust, then install exhaust tip. Align tip to the desired rotation and length, then secure with T-bolt clamp. Tighten clamp to 5ft-lbs.
10. Snug hardware between PERRIN Rear Section and mufflers, then work toward the front of the car snugging both couplers and remaining hardware at the OEM front pipe connection.



11. Take note of flange alignment, rotation of tubes and position of exhaust tip. If system needs to be adjusted (left to right or lengthwise), loosen exhaust couplers and rotate pipes to fit. If a length adjustment is also needed, you can slide tubes out of couplers (making sure NOT to exceed a 1" gap between the tubes) or adjust the length of the tip. **NOTE: Tubes can be tight around rear differential, take time and adjust system so tubes have roughly 1/2" clearance around diff.**
12. Tighten (2) front nut and bolts to 15ft-lbs and tighten (4) rear bolts to 25ft-lbs of torque. Finally, tighten exhaust coupler to 40ft-lbs. **NOTE: Do not use an impact gun on these clamps or damage to the threads will occur!**
13. Start vehicle and check for leaks prior to driving vehicle. (NOTE: DO NOT START VEHICLE IN AN ENCLOSED AREA AS DEATH CAN RESULT FROM CARBON MONOXIDE POISONING. ALWAYS OPERATE IN A WELL-VENTILATED AREA!)

Questions, Comments and Suggestions Contact: [Tech@PERRIN.com](mailto:Tech@PERRIN.com)

Visit Our Website for Instant Chat Options at [www.PERRIN.com](http://www.PERRIN.com)

Call Our Tech Team at 503-693-1702