

PERRIN

2022+ BRZ/GR86 Axle-back Exhaust

2022-09-19

PSP-EXT-368

Thank you for purchasing this PERRIN product for your car! Installation of this product should only be performed by persons experienced with installation of after market 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
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:

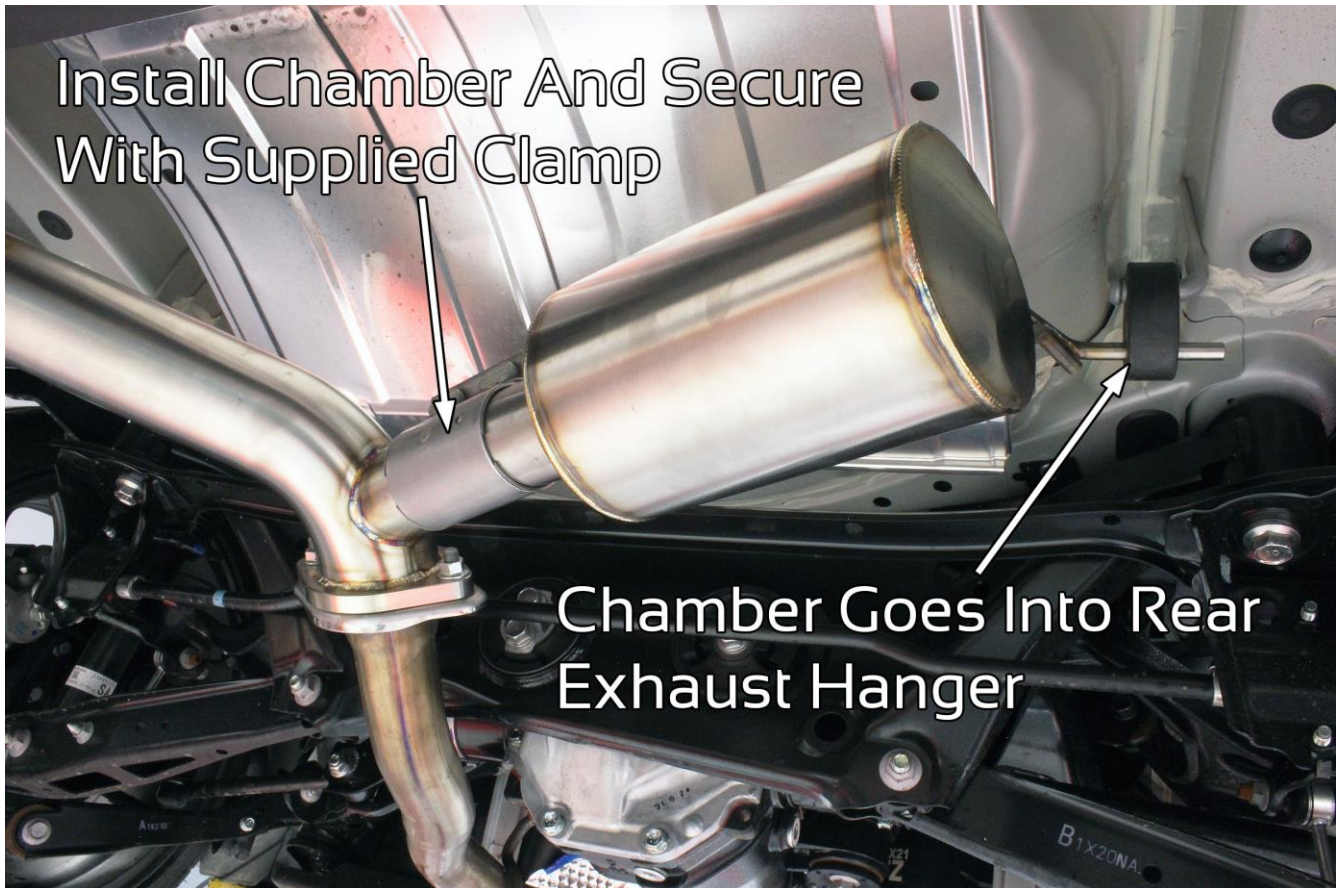
- The use of penetrating oil will greatly reduce the chances of damaging threads on bolts as they are removed.
- We highly recommend the use of anti-seize on threads of all bolts when reassembling.
- The use of lubricant on the hangers will aid in removal from car.
- New exhaust systems will have some 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 Axle-back System:

1	XC-PSP-EXT-368-2	Axle back w/Helmholtz Chamber Port 3.0" for 2022+ BRZ
1	X-PSP-EXT-368-3	Axle back Chamber Only for 2022+ BRZ
1	X-ASM-EXT-109	Gasket 3"ID
1	X-CLAMP-113	Coupler for 2.25" Exhaust Butted Tube Type
2	X-AMP-EXT-107	Shaft Collar 3/8"ID for exhaust hangers



1. Remove OEM muffler from car but keep hardware as this will be reused. Use factory service manual for additional details. It can be helpful to have a second person on hand to help as the OEM muffler is heavy.
2. Remove OEM donut gasket from mid-pipe.
3. Install PERRIN Axle back into rear hanger as shown and to mid-pipe in one step.
 - a. Place gasket between flanges and secure with bolts and nuts removed previously.
 - b. Leave bolts loose at this time.
4. Install supplied clamp to side port on axle back, then install supplied chamber into clamp and into rear exhaust hanger.
5. Begin to tighten (2) bolts that secure axle back and at the same time align tip to the bumper opening. Hand tighten bolts at this time.



6. Adjust the rotation and length of chamber to further align tip with bumper. Once tip is in the desired location, check that exhaust clamp is centered over gap in tube, then tighten clamp to 40ft-lbs
7. Proceed with tightening down (2) bolts and nuts to 25ft-lbs.
8. Install (2) supplied 3/8" Collar clamps to exhaust hangers on axle-back.
 - a. Adjust the location of these left to right, to fine tune the tip location.
 - b. Adjust the location of these (squeeze together) to reduce the amount of movement of the axle back.
9. 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
Visit Our Website for Instant Chat Options at www.PERRIN.com
Call Our Tech Team at 503-693-1702