

PERRIN

PERFORMANCE

Rear Shift Rod Bushing for BRZ / FR-S

2013-03-28

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

SPECIAL NOTES:

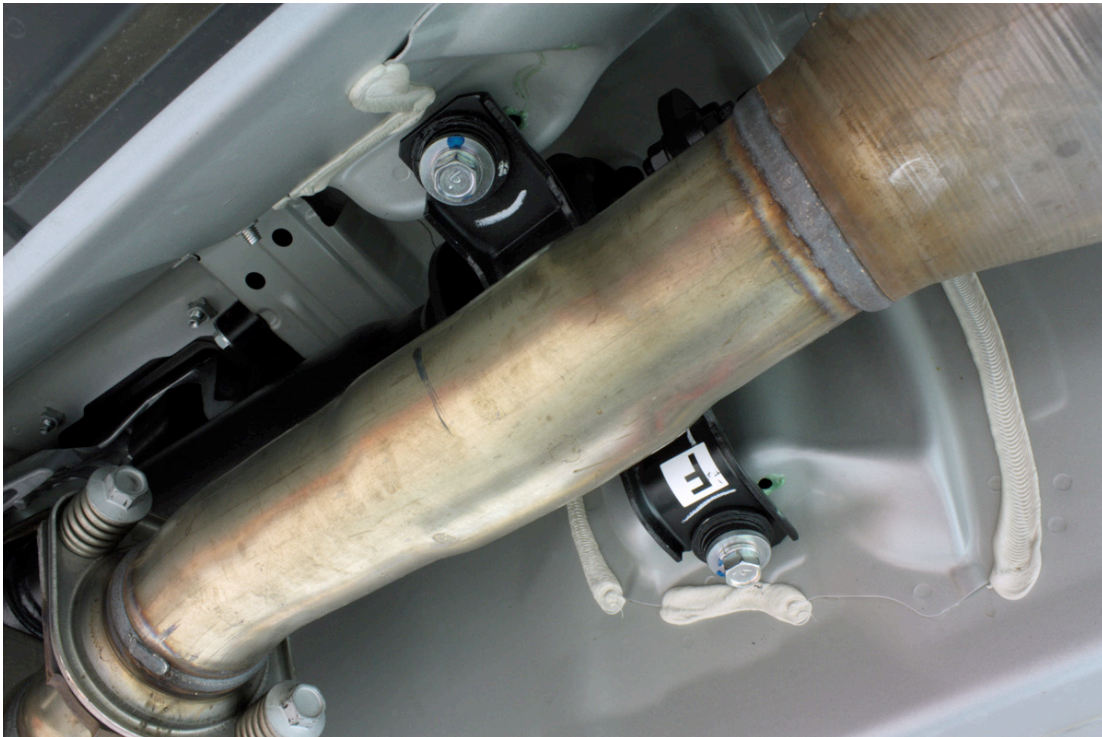
- The use of a factory service manual is highly recommended. These can be downloaded online at <http://techinfo.subaru.com>
- A slight increase in vibration may be felt in shifter after installation, which in turn will give you much crisper shifting.
- Make sure and put a good amount of grease on rod and ID of bushing before installation.

Parts Included with the PERRIN Rear Shift Rod Bushing:

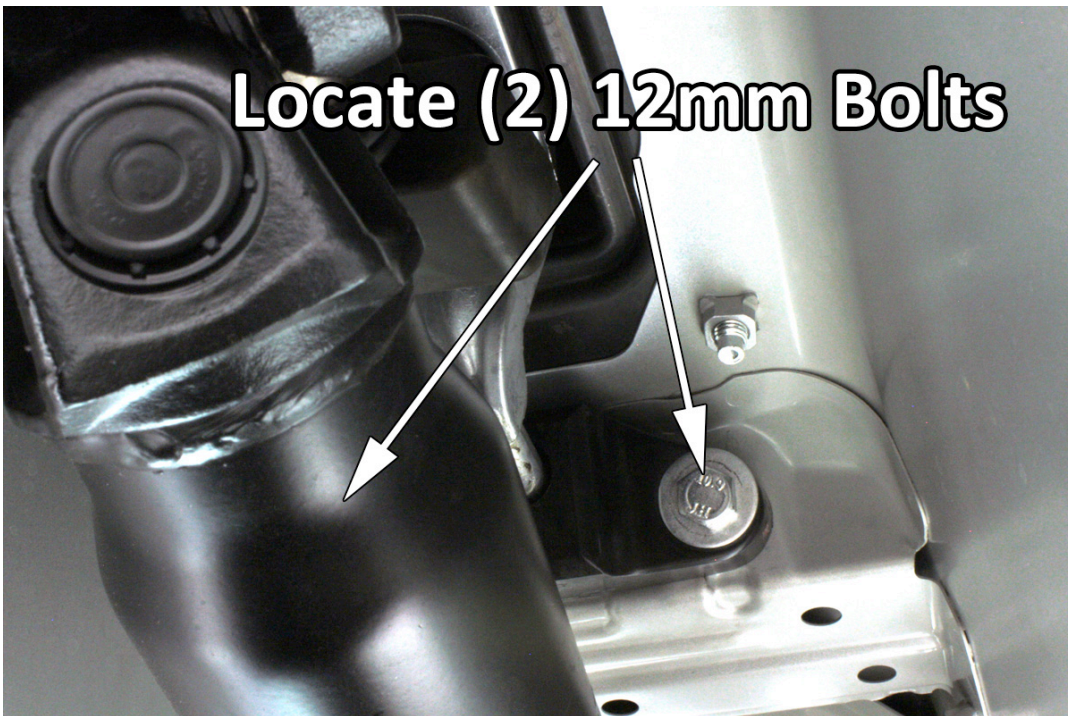
- (1) Rear Shifter Bushing w/sleeves
- (2) M8x40 Hex Bolts
- (2) M8 Fender Washers
- (1) Grease Packet

Rear Shift Rod Bushing Instructions:

- 1) Raise vehicle onto jack stands or use commercial vehicle hoist. NOTE: NEVER WORK ON A VEHICLE SOLELY SUPPORTED BY A JACK!
- 2) Place transmission into neutral.
- 3) Locate driveshaft center carrier bearing and remove (2) 14mm bolts securing it to the chassis.
- 4) Pull driveshaft down and to the left of the exhaust system. This is done to access rear shifter bushing and the hardware that secures it to chassis.



- 5) Locate Lower Shifter linkage above driveshaft behind transmission. Follow this back to where the linkage mounts to the chassis and locate the OEM rear shifter bushing. Remove (2) 12mm bolts holding rear shifter bushing to chassis.



- 6) Lower shift rod down and slide off OEM bushing.
- 7) Clean off rear part of rod and apply supplied grease to end of rod. Apply grease to inside of PERRIN Rear Shift Bushing. Slide PERRIN Rear Shift Bushing onto rod, making sure PERRIN Logo is facing down toward ground. **NOTE: This is a tight fit, some twisting and pulling will be needed.**
- 8) Using supplied M8 bolts and fender washers, secure PERRIN Rear Shift Bushing Mount to chassis and tighten bolts to roughly 15ft-lbs.
- 9) Reinstall (2) bolts securing drive shaft center bearing support to chassis. Tighten bolts to 38 ft-lbs.
- 10) Double check tightness of all hardware and connections, and double check for smooth shifter action.
- 11) Lower vehicle from jack stands, and proceed to test drive car.

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