

# PERRIN

## PERFORMANCE

### WRX 5spd Shifter Bushings

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Thank you for purchasing the PERRIN Shifter Bushings. Only persons experienced in the installation and proper operation of drive train systems should perform installation of these parts. *Please read through all the instructions before performing the installation.*

#### **SPECIAL NOTES:**

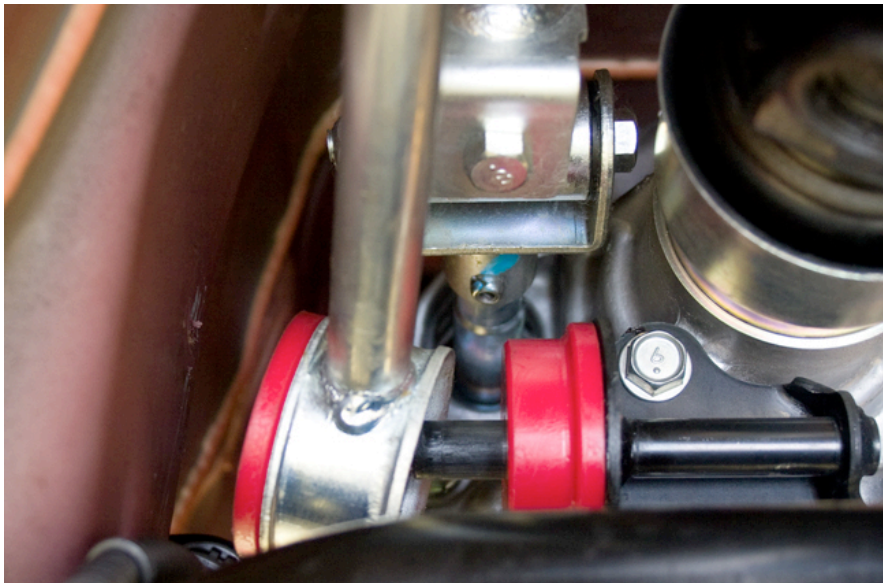
- The use of a factory service manual is highly recommended. These can be purchased online at <http://techinfo.subaru.com>
- A slight increase in vibration may be felt in shifter after installation, which in turn will give you much crisper shifting.

#### **Parts Included with the PERRIN Shifter Bushings:**

- (2) Shifter Bushings (2684)
- (1) Grease Packet

#### **Shifter 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) Locate Lower Shifter linkage on back of transmission. This linkage attaches to tranny and to chassis connected by a green-ish colored rod.
- 3) Remove lower tranny support braces to gain easier access to bushings. Support tranny using jack. Remove bolts securing transmission braces to chassis. Use both 17mm, and 14mm sockets to remove bolts.
- 4) Lower Transmission down to expose lower shifter bushing. Loosening the engine pitch-stop mount will aid in dropping the transmission. This mount is located under intercooler, between engine and firewall.
- 5) Once Lower shifter linkage is exposed, remove linkage from tranny.
  - Remove 12mm nut and flat washer from bushing bracket. Slide lower shift linkage and bushing off of bracket. Pry bushing out of lower linkage.
- 6) Once bushing is removed from lower linkage, install bushings on each side of lower linkage. Apply grease to intake and outside of bushings where they contact shifter rod.



- 7) Reinstall lower shifter linkage back onto tranny, and retighten nut or bolt. (5spd customers, tighten nut to 13ft-lbs)
- 8) If removed, reinstall tranny supports back to chassis, and tighten bolts. 17mm bolts, tighten to 103ft-lbs and 14mm bolts, tighten to 51ft-lbs.
- 9) Double check tightness of all hardware and connections, and double check for smooth shifter action.
- 10) Lower vehicle from jack stands, and proceed to test drive car.

**For questions & comments please contact [TECH@PERRINPERFORMANCE.COM](mailto:TECH@PERRINPERFORMANCE.COM)**

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