

PERRIN

Transmission Mount for WRX/STI

2015-03-18

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:

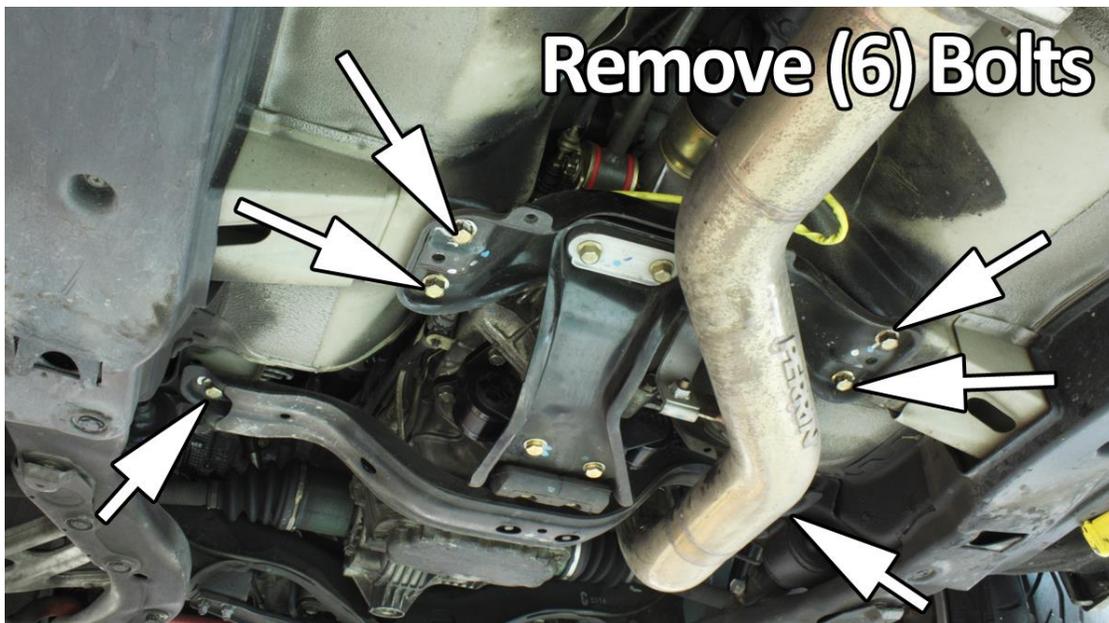
- The use of a factory service manual is highly recommended for installation. These can be purchased online at <http://techinfo.subaru.com>.
- Expect added NVH during all driving situations especially under high load in 1-2nd gear.

Included Parts with PERRIN Transmission Mount Kit:

- (1) PERRIN Transmission Mount
- (1) 5spd Adapter Plate
- (2) 3/8" Washers
- (2) 3/8-24x1.25" Bolts

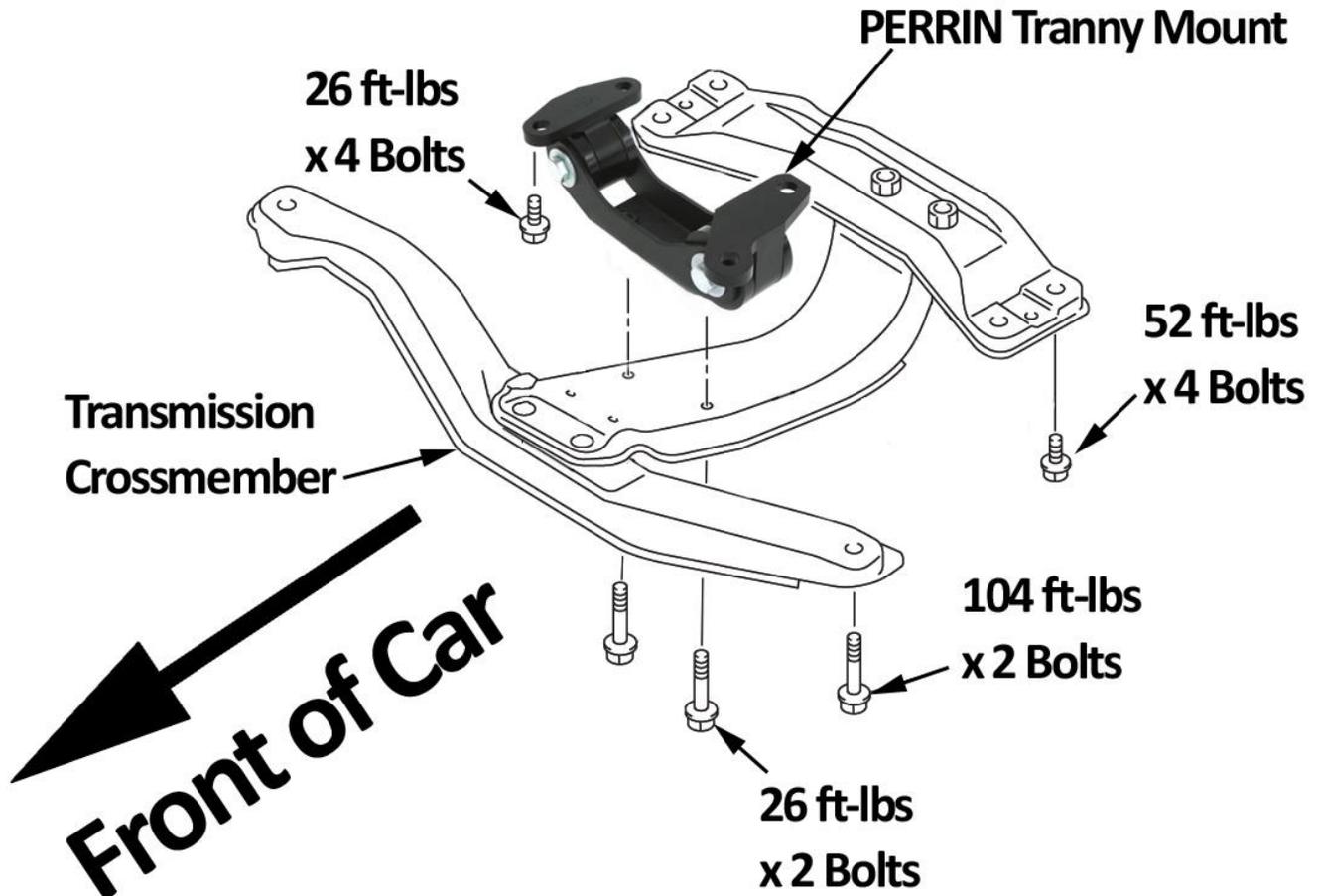
Installation Instructions

1. Raise car off ground using professional hoist or jack and jack stands.
2. 2008+ models will need to remove heat shield located above downpipe and below driveshaft. Simply remove all 12mm bolts securing this to chassis and transmission crossmember.
3. Loacte transmission cross member and place a jack or threaded jack stand under transmission and support. Using below diagram, remove (2) 17mm and (4) 14mm bolts shown.



4. Locate rear O2 sensor on downpipe and follow wire were it clips to transmission crossmember. Remove clips to free wire from crossmember. **NOTE: Failure to do this can result in damage to O2 sensor.**
5. Slowly drop jack until it can be removed from car. **NOTE: Transmission will drop a couple of inches but still be held in place during this process.**

6. Locate and remove (2) 14mm nuts securing transmission crossmember to differential mount. Remove transmission crossmember from car.
7. Locate and remove (4) 14mm bolts securing transmission mount to transmission. Remove transmission mount from car.
8. Making sure that arrows on feet are pointing toward front of car and that the white PERRIN Logo is facing toward back of the car, install PERRIN Mount to transmission using OEM bolts removed earlier. Tighten (4) bolts to 26ft-lbs. **NOTE: It may be easier to access the (4) bolts by removing the M10 bolts and nuts holding all parts of the mount together. If this is done, make sure that you orient the part properly during re-assembly. Then tighten nuts and bolts to 45-50ftlbs.**
9. Install transmission crossmember up toward chassis and to PERRIN Transmission mount using supplied 3/8-24 bolts and washers. Leave bolts roughly 1 full turn loose for now. **NOTE: If you have a 5spd manual transmission, make sure and place included "5SPD Spacer" between PERRIN Mount and transmission crossmember before proceeding.**
10. Place jack or threaded adjustable jack stand under crossmember and raise crossmember and transmission up until crossmember almost touches the chassis.
11. Reinstall transmission crossmember bolts removed earlier, but leave loose. Remove jack or jack stand from crossmember. **NOTE: This step may require some adjusting of crossmember to holes to line up. Do not force bolts into holes to line up, rather use a small pry bar to align.**



12. Using above diagram as a guide, tighten bolts starting with (6) holding transmission crossmember to chassis, then (2) bolts securing crossmember to PERRIN tranny mount.
13. If removed earlier, install exhaust heat shield back to chassis. Tighten all bolts to 15ft-lbs.
14. Lower car from jack stands and take car for test drive.
15. Listen for clunking sounds, or clicking type sounds. If you find any of these sounds, recheck all hardware for tightness. If no sounds are found, installation complete! **NOTE: It is normal to hear whining type sound under heavy load in 1st, 2nd, and 3rd gears.**

Questions, Comments and Suggestions Contact: Tech@PERRINperformance.com
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