

# PERRIN

## PERFORMANCE

### 08+ WRX/STI SUBFRAME LOCKDOWN

2014-06-05

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](mailto:Tech@PERRINperformance.com)  
Instant Chat off the main page of [www.PERRINperformance.com](http://www.PERRINperformance.com)  
Or simply call our tech team at 503-693-1702

#### SUSPENSION INSTALLATION NOTE

Installation of this product is a modification to the vehicle suspension. As a result, the vehicle may handle differently than that of factory-equipped vehicles. 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 this vehicle safely may result in serious injury or death. Do not drive this 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 your owner's manual, service manual, instructions accompanying this product, and local laws before undertaking these modifications. You are responsible for the legality and safety of the vehicle you modify using these components.

#### Special Notes About Installation

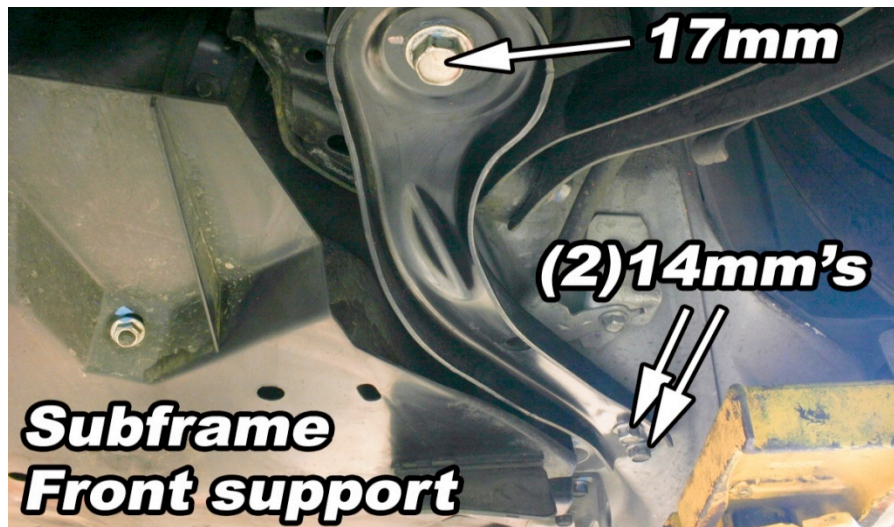
- With the installation of this kit, a slight increase in NVH (Noise, Vibration and Harshness) will be noticed. This is due to the stiffer nature of the connection of the rear subframe to the chassis. This is completely normal and not something to be concerned with. Clunking of rear suspension is not normal and if found, checking of all bolts for tightness may be necessary.
- A Jack or adjustable exhaust stand (for use on hoist) is necessary for installation when supporting rear subframe.

#### Parts Included with 2008 Impreza/WRX/STI Subframe Lockdown kit:

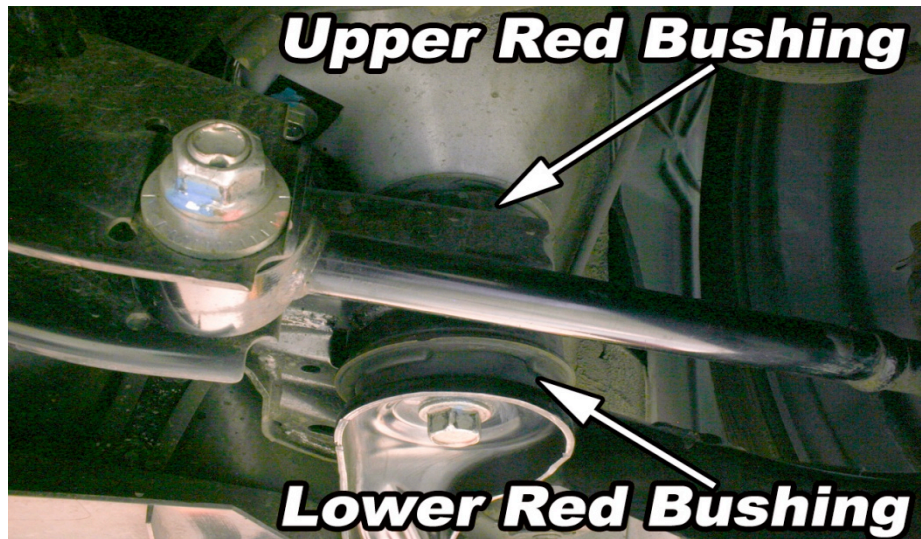
- (4) Upper Red Urethane bushings (4269)
- (4) Lower Red Urethane bushings (4268)

#### Installation:

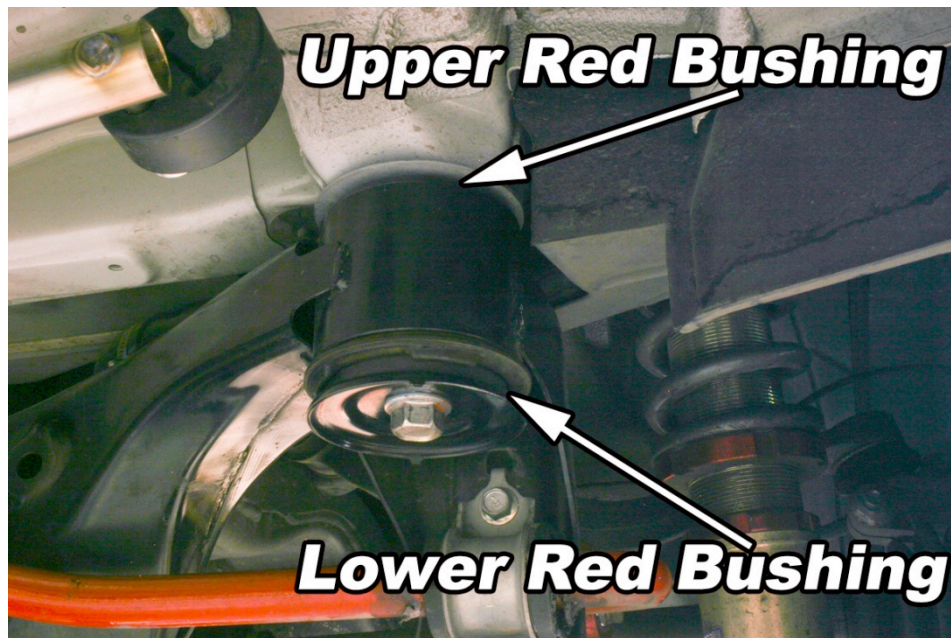
1. Raise car onto jackstands or use commercial available hoist to raise car in air enough so tires do not touch the ground.
2. Locate rear subframe and its (4) main attachment points at each corner. Loosen (4) 17mm bolts roughly 4 full turns.



3. Locate front right front support frame and remove (2) 14mm bolts. Now completely remove 17mm bolt from chassis.
4. Pull sub frame down roughly 1" and insert upper red urethane bushing into mount. **NOTE: Bushing fits under large silver washer (on Chassis side) and inside rubber bushing (nestled in small groove).**



5. In one step, install lower red urethane bushing inside lower bushing groove (should stay put), then reinstall sub frame support using 17mm bolt to secure to chassis. Thread bolt into chassis roughly 4 turns. **NOTE: If bolt is difficult to thread into chassis, a jack or adjustable exhaust stand will help to raise toward chassis.**
6. Reinstall (2) 14mm bolts to secure forward part of sub frame support.
7. Continue to left side and follow same steps. Do not tighten any bolts completely until installation is completed.



8. Locate right rear sub frame mounting point and remove 17mm bolt and large lower washer. **NOTE: Depending on catback exhaust installed, it may be easier to remove rear muffler section.**
9. Pull sub frame down roughly 1" and insert upper red urethane bushing into mount. **NOTE: Bushing fits under large silver washer (on Chassis side) and inside rubber bushing (nested in small groove).**
10. In one step, install lower red urethane bushing inside lower bushing groove (should stay put), and reinstall 17mm bolt and large washer removed. Thread bolt into chassis roughly 4 turns. **NOTE: If bolt is difficult to thread into chassis, a jack or adjustable exhaust stand will help to raise toward chassis.**
11. Continue to left side and follow same steps.
12. With all (8) urethane bushings installed, tighten (4) 17mm bolts to 100ft-lbs, and (4) 14mm bolts to 25ft-lbs.
13. Take car for test drive, and listen for strange noises. Slight increase in gear whine, and overall NVH may be noticed, but no clunking should occur. IF clunking is found, recheck all bolts to ensure they are tightened to spec.

**Questions, Comments and Suggestions Contact: [Tech@PERRINperformance.com](mailto:Tech@PERRINperformance.com)**  
**Visit Our Website for Instant Chat Options at [www.PERRINperformance.com](http://www.PERRINperformance.com)**  
**Call Our Tech Team at 503-693-1702**