

PERRIN

PERFORMANCE

08+ WRX/STI SUBFRAME LOCKDOWN

081109

Thank you for purchasing the PERRIN Subframe lockdown kit. Persons experienced in the installation and proper operation of Subaru suspension and drivetrain components should only perform installation of this part. Please read through all the instructions before performing the installation.

Special Notes About Installation

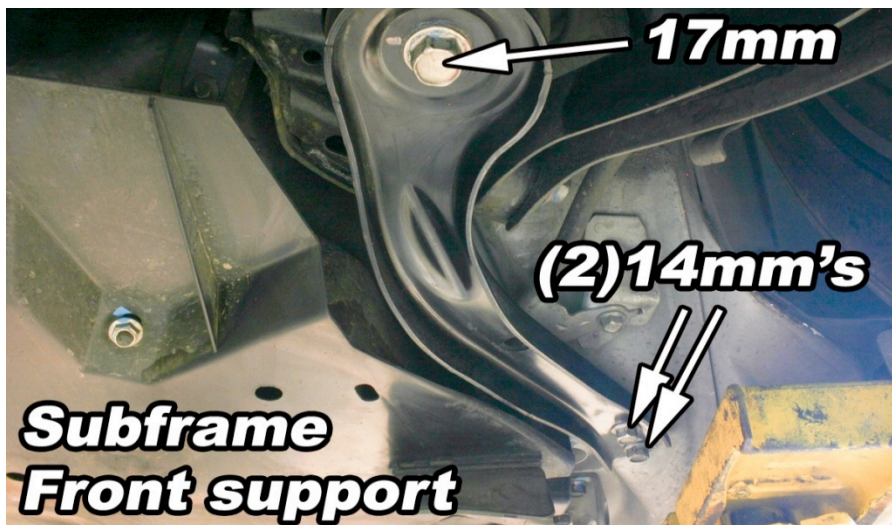
- With the installation of this kit, a slight increase in NVH (Noise, Vibration and Harshness) will be noticed. This is due to the stiffer nature of the connection of the rear subframe to the chassis. This is completely normal and not something to be concerned with. Clunking of rear suspension is not 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:

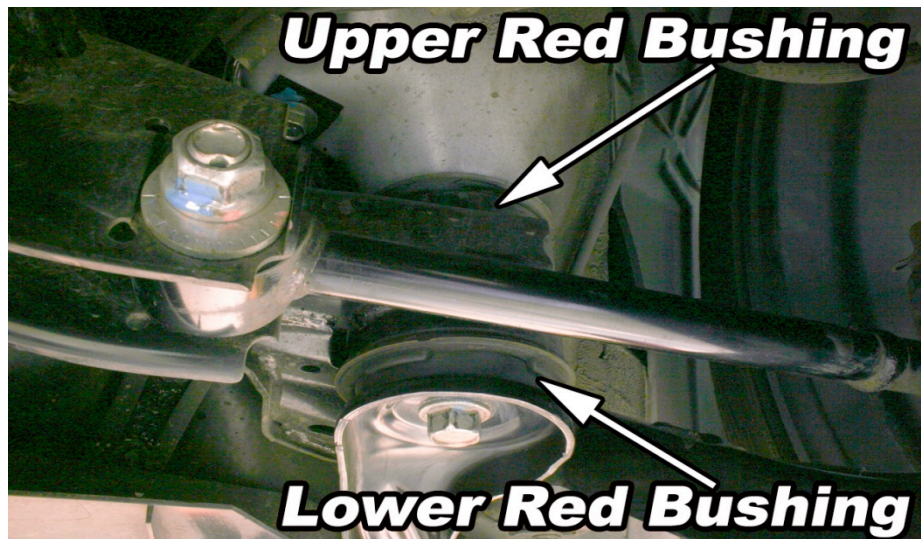
- (4) Upper Red Urethane bushings (4269)
- (4) Lower Red Urethane bushings (4268)

Installation:

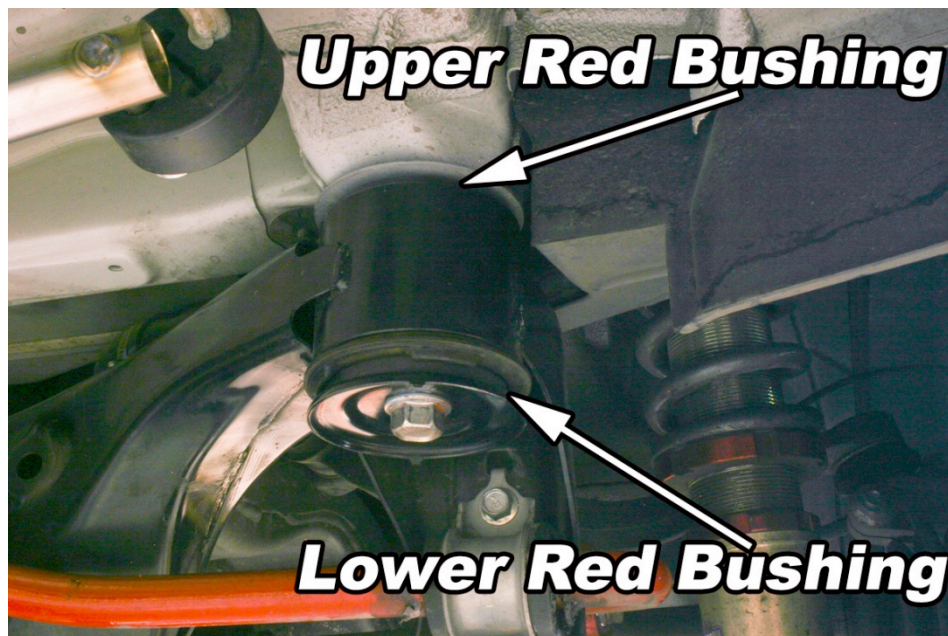
1. Raise car onto jackstands or use commercial available hoist to raise car in air enough so tires do not touch the ground.
2. Locate rear subframe and its (4) main attachment points at each corner. Loosen (4) 17mm bolts roughly 4 full turns.



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 (nestled 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 wine, 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.

FOR QUESTIONS & COMMENTS PLEASE CONTACT

TECH@PERRINPERFORMANCE.COM

503-693-1702