

# PERRIN

## Differential Lockdown for 02-07 WRX/STI

2025-07-15

PSP-DRV-534

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@PERRIN.com](mailto:Tech@PERRIN.com)

Instant Chat off the main page of [www.PERRIN.com](http://www.PERRIN.com)

Or simply call our tech team at 503-693-1702



**WARNING:** This product can expose you to chemicals including Lead which is known to the State of California to cause cancer birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

### SUSPENSION INSTALLATION NOTE

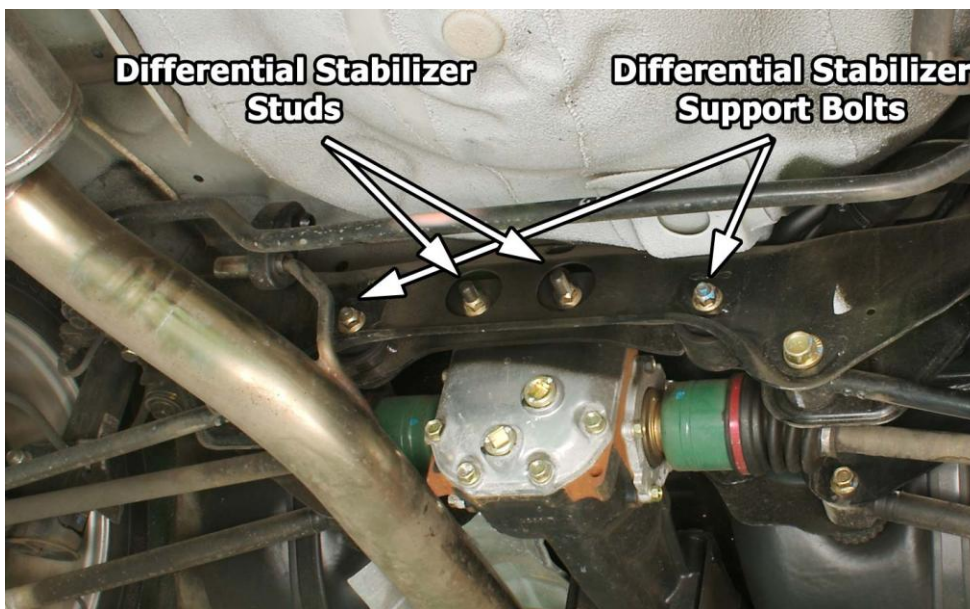
Installation of this product is a modification to the vehicle suspension. As a result, the vehicle may handle differently than that of factory-equipped vehicles. As with any vehicle extreme care must be used to prevent loss of control or roll-over during sharp turns or abrupt maneuvers. Always wear seat 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:

- A slight increase in NVH (Noise, Vibration and Harshness) will be noticed after the installation. 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.

### Parts Included with the PERRIN Diff Lockdown

QTY	Part Number	Description
4	X-PSP-SUS-530	Bushing for Diff Lockdown Rear Mounts (smaller) for 2002-2007 WRX/STI
2	X-PSP-SUS-521	Bushing for Diff Lockdown Front Mounts (larger) for 2002-2007 WRX/STI



### Installation Of Rear Differential Support Bushings

1. Park car on a smooth level surface. Using a suitable commercial hoist or jack, raise car and support on jack stands remove rear wheels.
2. Support rear differential using jack or adjustable stand. Remove two nuts securing differential stabilizer to differential. Using stud removal tool, or Jam nut technique, remove studs from rear differential cover.
3. Remove two bolts and nuts securing differential stabilizer to rear subframe. Lower differential slightly to allow for clearance to remove bolts.



4. Remove differential stabilizer from sub frame, then install (4) smaller red urethane bushings around the inside of the OEM bushings. There are (2) bushings that go on each side of each bushing.
5. Reinstall differential support brace into chassis using bolts to hold in place and leave bolts loose.
6. Raise differential back into car, line up stud holes with differential support holes and reinstall studs.
7. Tighten differential stabilizer support bolts to 70ft-lbs. Tighten nuts on studs protruding through sub frame to 70 ft-lbs.
8. Locate differential front support beam and the (2) outer bolts securing it to chassis.
9. Remove passenger side large bolt securing front support beam to chassis, and two bolts securing plate to chassis.



10. Pull down front support brace until enough room is made to place bushings on top of OEM bushings. (Note: make sure to leave round steel plate on chassis with small tabs facing down)
11. Reinstall plate back onto chassis and tighten bolts to 25ft-lbs.
12. Install large bolt through bushing and tighten to 100ft-lbs.
13. Repeat this process on the driver's side of car.
14. Lower jack from differential, then remove car from jack stands and take for a test drive. Ensure that no clunking is heard during the test drive. If clunking is heard, recheck the entire installation. If further clunking is heard, please contact the tech department.

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