

PERRIN

2008-14 Rear Diff Lockdown System

2020-12-09

PSP-SUS-535

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

Instant Chat off the main page of 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

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 dead-blow hammer is highly recommended to ensure the PERRIN Diff Lockout Spacer does not get damaged.
- For all hatchback models, we highly recommend removing rear muffler section to gain access to rear differential bolts. Follow manufacturers removal instructions.
- Some aftermarket swaybars may have to be removed to gain access to bushings and bolts. Follow manufacturers removal instructions.

Parts Included with PERRIN Differential Lock Down:

- (2) Differential Lockout Spacer
- (4) Differential Support Lockdown Bushings

Installing Rear Differential Lockout Spacers

1. Park car on level surface. Using a suitable commercial hoist or jack, raise car and support on jack stands.
2. Locate rear differential bushings pressed into rear subframe. Remove one of two 17mm nuts securing differential to bushings pressed into subframe. **NOTE: If stud comes out with nut, remove nut from stud and re-install into differential.**
3. Lubricate outside of PERRIN Diff lockout with a small amount of anti-seize or grease.
4. Align PERRIN Differential Lockout Spacer with PERRIN logo facing toward back of car. Using a hammer, carefully tap spacer into subframe a small amount to hold it in place.

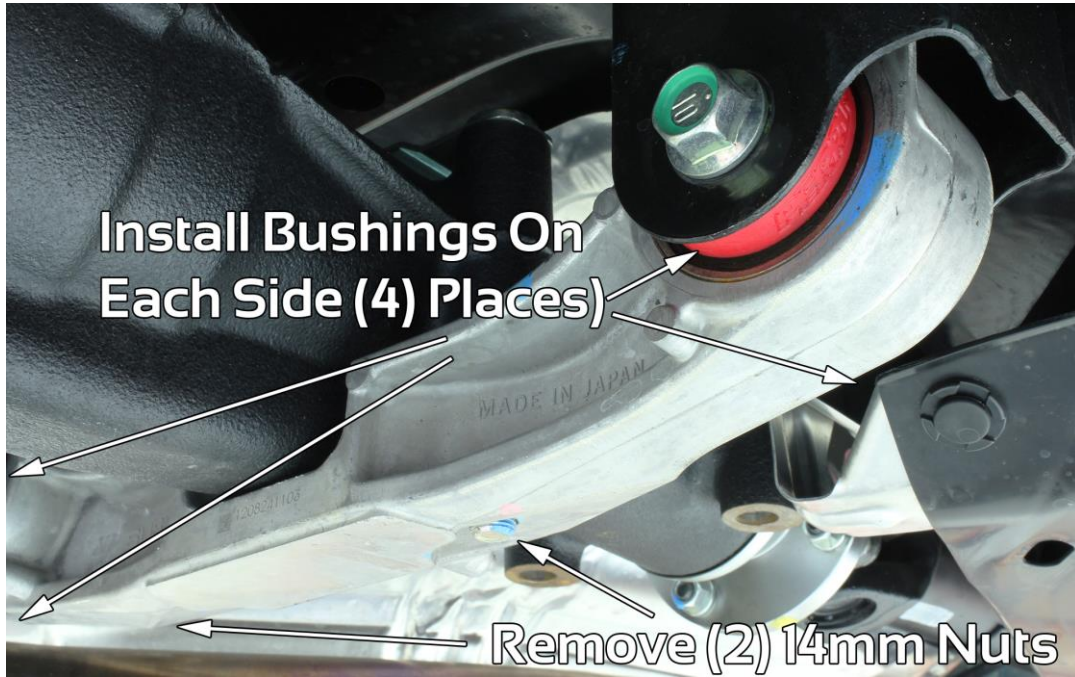


5. Install 17mm nuts about 1 full turn. **NOTE** This is done to protect the studs during the next step.
6. Continue to tap spacer into subframe until it is relatively flush with subframe. **NOTE: Make sure it goes in as square as possible during this step, or damage may occur in the following steps.**

7. With spacer tapped in, slowly tighten nuts to continue to press PERRIN Diff Lockdown Spacer into subframe. Tighten to 50-ft-lbs of torque. **NOTE: Bushing should go in straight during this step, if it appears to be going in crooked, tap one side to straighten it out before tightening to 50 ft-lbs.**

Installing differential front support bushings

1. Using high quality jack, slightly lift differential to relieve tension on bushings.
2. Remove aluminum differential support from sub frame and differential. (2) 14mm nuts hold support to differential, and (2) 17mm through bolts and nuts hold differential support to subframe.
3. Install red urethane bushings next to OEM rubber bushings, around center mounting points. Make sure to do this to both left and right OEM bushings. **NOTE: 2 bushings install on each side of bushing.**



4. Reinstall differential support brace into subframe making sure red bushings stay in place.
5. Install nuts securing differential support to differential and tighten nuts to 40-ft-lbs.
6. Install bolts through subframe and differential support. Then install nuts and tighten to 40 ft-lbs. **NOTE: Wiggling diff around and jacking up diff will aid in getting bolts to pass through subframe and diff support.**
7. Remove jack supporting differential, and lower car from jack stands.
8. Take car for test drive and listen for noises. There will be some additional drivetrain noise, this is completely normal. If clunks are heard, check that all bolts are tight and take for another test drive.

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

Visit Our Website for Instant Chat Options at www.PERRIN.com

Call Our Tech Team at 503-693-1702