

# PERRIN

## Front Control Arm Brace for 2022+ WRX

2025-04-29

PSP-SUS-314

Thank you for purchasing this PERRIN product for your car! Installation of this product should only be performed by persons experienced with installation of after market 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:

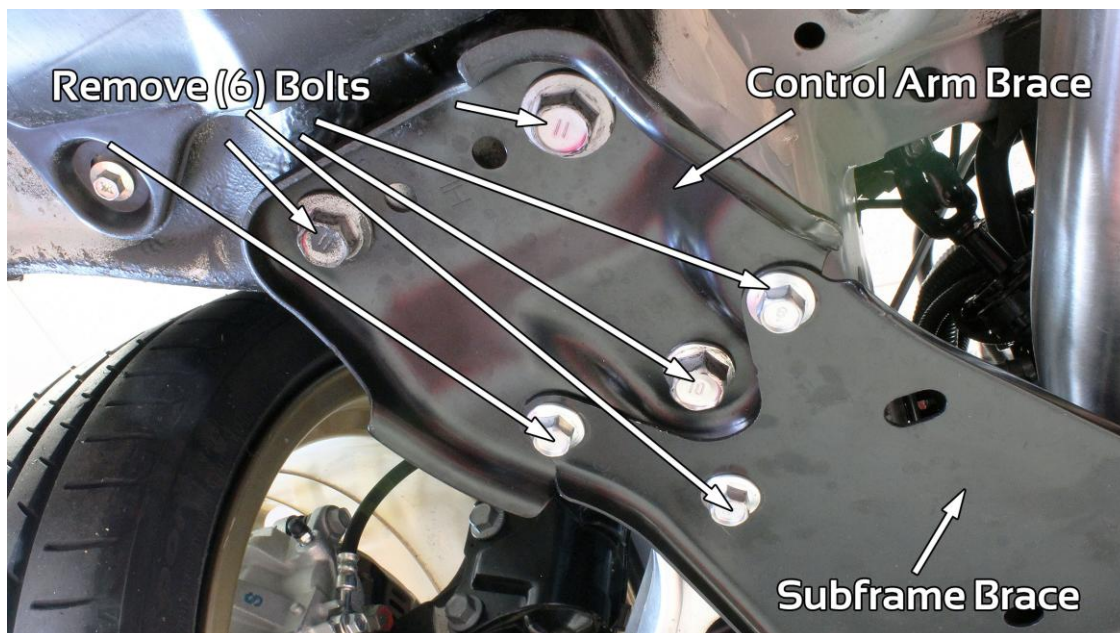
- A slight increase in NVH (Noise, Vibration and Harshness) will be noticed after the installation. This is due to the stiffer nature of the connection of the rear subframe to the chassis. This is completely normal and not something to be concerned with. Clunking of rear suspension is not normal and if found, checking of all bolts for tightness may be necessary.

### Parts Included with the PERRIN Front Control Arm Brace

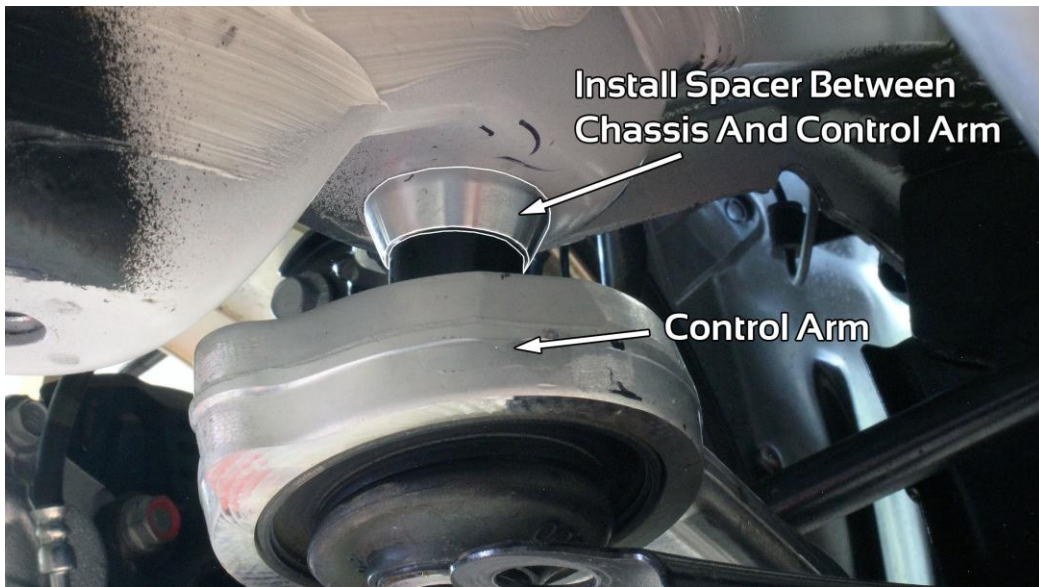
QTY	Part Number	Description
1	X-PSP-SUS-314L	Control Arm Brace Front Left 22+ WRX
1	X-PSP-SUS-314R	Control Arm Brace Front Right 22+ WRX
2	X-PSP-SUS-314-1	Spacer for Control Arm Brace Front 22+ WRX

### Installation PERRIN Front Control Arm Brace

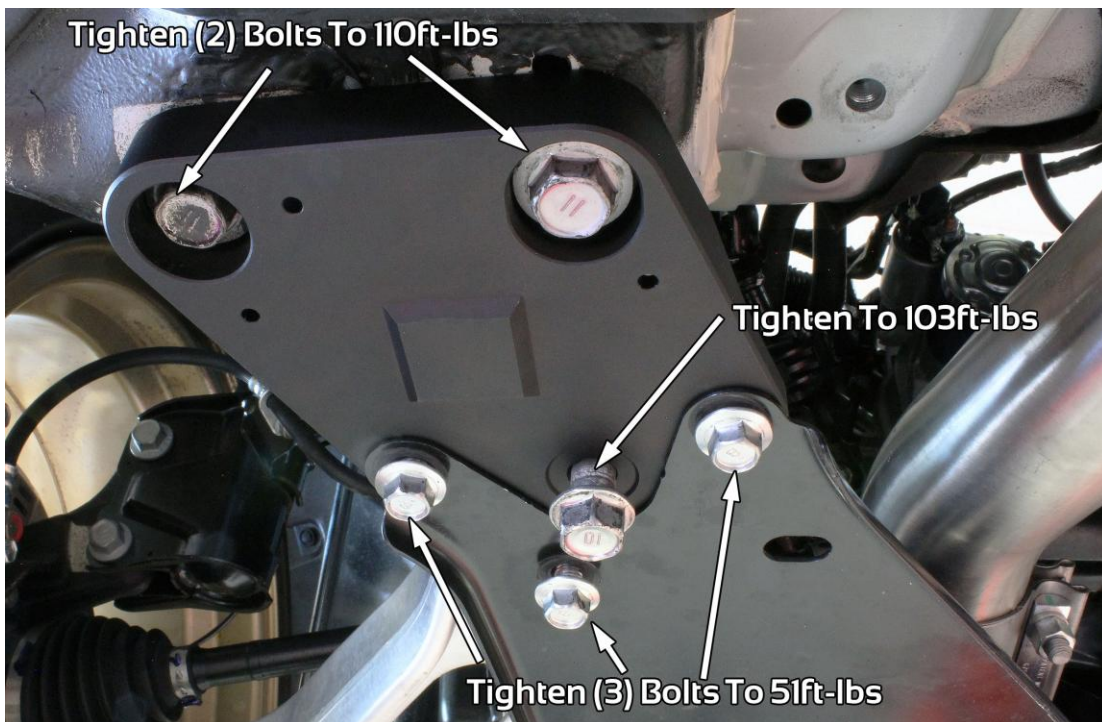
- Raise car onto jackstands or use commercially available hoist to raise car in air enough so tires do not touch the ground.
- Locate left front control arm brace and remove (6) bolts as shown below. **NOTE: When removing the long bolt securing the control arm to the chassis, it may look very corroded when it is removed. We recommend applying some oil or a penetrating lube to the entire bolt to help control any future corrosion.**



3. Install supplied spacer between control arm and chassis with the large diameter touching the chassis as shown.



4. Install left PERRIN Front Control Arm Brace between control arm and subframe brace as shown, then loosely install all bolts into their correct holes. Hand tighten each one, then back them all off 1 turn. **NOTE: If (3) smaller M10 bolts do not easily thread into holes, you may need to loosen the other M10 bolts securing the subframe brace to the subframe, then proceed with hand tightening them all.**
5. Tighten long M14 bolt to 103ft-lbs, then tighten (2) shorter M14 bolts to 110ft-lbs, and tighten (3) M10 bolts to 51ft-lbs.





6. Locate nut and bolt securing front of control arm to the subframe. Loosen roughly 1 full turn (more is ok), then retighten bolt to 70ft-lbs. This is done to remove a slight amount of binding that occurs from dropping the rear part of the control arm down. **NOTE: The Subaru manual suggests doing this with the car on the ground, but this can be very difficult to do unless you are on ramps or an alignment rack. If you are concerned about following the factory service manual, have your alignment shop perform this step.**



7. Proceed with installing the right-side PERRIN Control Arm Brace.
8. Lower jack from jack stands, 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