

PERRIN

Strut Brace for 10th Gen Honda Civic

2019-08-08

PHP-SUS-050

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

Instant Chat off the main page of 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 in 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:

- Bar may be tight fitting if car has been in an accident. Take extra time aligning each side before final tightening.
- If Camber adjustment pins are removed after installation, make sure and loosen all (8) strut bar cap bolts, as well as nuts before making final camber adjustments.

Parts Included with the PERRIN Front Strut Brace:

- (1) Pair of Left and Right feet
- (2) Strut Foot Caps
- (1) Crossbar
- (8) M6x14 Button Head Cap Screw
- (4) M10 Flanged Nuts
- (1) M4 Hex Wrench



Strut Brace Installation Instructions:

1. Remove (4) front most OEM strut top nuts using a 14mm socket.
 - a. If equipped, remove black steel plate from top of strut towers. This will require removing all 6 strut top nuts.

2. Set both strut bar feet onto strut tops as shown in pictures and install supplied M10 nuts, but leave 1-2 turns loose.
3. Line up bar on feet so there is roughly the same amount resting in each foot. **NOTE: Some misalignment may be noticed during this step, this is normal and to be expected. The bars are not designed to bottom out on the inside of the foot, so expect there to be a gap from the end of the bar to the inside of the foot.**
4. Set supplied strut bar caps onto each foot and install supplied hardware but leave loose until both sides are done. Finger tighten each bolt so that the cap evenly sits on foot. **NOTE: Some wiggling of bar during this step can help align caps with bar and foot better.**
5. Tighten all nuts on strut tops to 25ft-lbs. **Note: OEM nuts use a 14mm socket and nuts supplied with strut bar are 15mm. Having a thin wall socket or smaller 1/4" drive socket will aid in tightening down nuts holding strut feet to chassis.**
6. Starting with the inner, working toward the outer bolts on each foot, hand tighten them making sure there is an even gap all the way around. Using proper 1/4" drive or 3/8" torque wrench, tighten all (8) M6 socket cap screws to 5ft-lbs, then to 10ft-lbs or 96 to 120in-lbs. **DO NOT OVER TIGHTEN!!** Using supplied M4 short arm wrench to hand tighten is also acceptable, just make sure to tighten then down evenly.



7. If bar appears to be slightly misaligned to engine, simply loosen the (8) M6 bolts and adjust bar by sliding in and out of each foot, then retighten hardware.
8. **DO NOT CLOSE THE HOOD IF INSTALLING ON A TYPE-R MODEL!**
 - a. Locate windshield washer hose connected to aluminum hood vent.
 - b. Disconnect rubber hose from white plastic union on left side of car.





- c. Using pliers, squeeze sides of plastic hose connectors and remove from aluminum vent.
- d. Remove center and left plastic hose connectors, then relocate hose to underside of aluminum vent as shown.
- e. Reinstall left plastic hose connector and snap into aluminum vent from underside.
- f. Bend down both left and right sides where plastic hose connectors are attached.



Questions, Comments and Suggestions Contact: Tech@PERRIN.com
Visit Our Website for Instant Chat Options at www.PERRIN.com
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