



## **Performance Strut Tower Bar Part Number: 42-107**

**2015-2019 Subaru Legacy 2.5L/3.6L  
2015-2019 Subaru Outback 2.5L/3.6L**

## **Installation Instructions**

For technical inquiries, please email us at [tech@hpsperformance.com](mailto:tech@hpsperformance.com)

In the email, please include the following information for faster response:

- Year / Make / Model / Engine of your vehicle.
- If it is a fitment issue, please include pictures showing the fitment problem.
- If there are missing parts, please list the part number(s) from the bill of materials on the 2nd page.
- Optional but recommended – Your contact phone number and preferred call back time.

You can also give us a call via 626-747-9200 for tech support Monday-Friday, 9:00am-5:00pm Pacific Time.

# Bill of Materials

## Kit Number: 42-107

Line #	Description	Part Number	Qty
1	Strut Bar Left Bracket	431-107-L	1
2	Strut Bar Right Bracket	431-107-R	1
3	Center Aluminum Strut Bar	451-104-AL	1
4	Washer, 3/8" Screw Size, 3/4" OD	91525A327	6
5	Allen Bolt, M12 x 1.50mm, 65mm Long	HW-B12X1.5X65	2
6	Flange Nut, M12 x 1.5mm	HW-N12X1.5	2



- Before installing any parts of this strut bar, please read the instructions thoroughly.
- Verify the contents of this strut bar before disassembling your vehicle.
- Report any defective or missing parts to HPS directly. The HPS dealer you purchased this product from might not have the replacement parts you need.
- Installation requires moderate mechanical skills. A qualified mechanic is highly recommended.
- Do not attempt to install the strut bar while the engine is hot.
- For technical inquiries, please email us at [tech@hpsperformance.com](mailto:tech@hpsperformance.com)

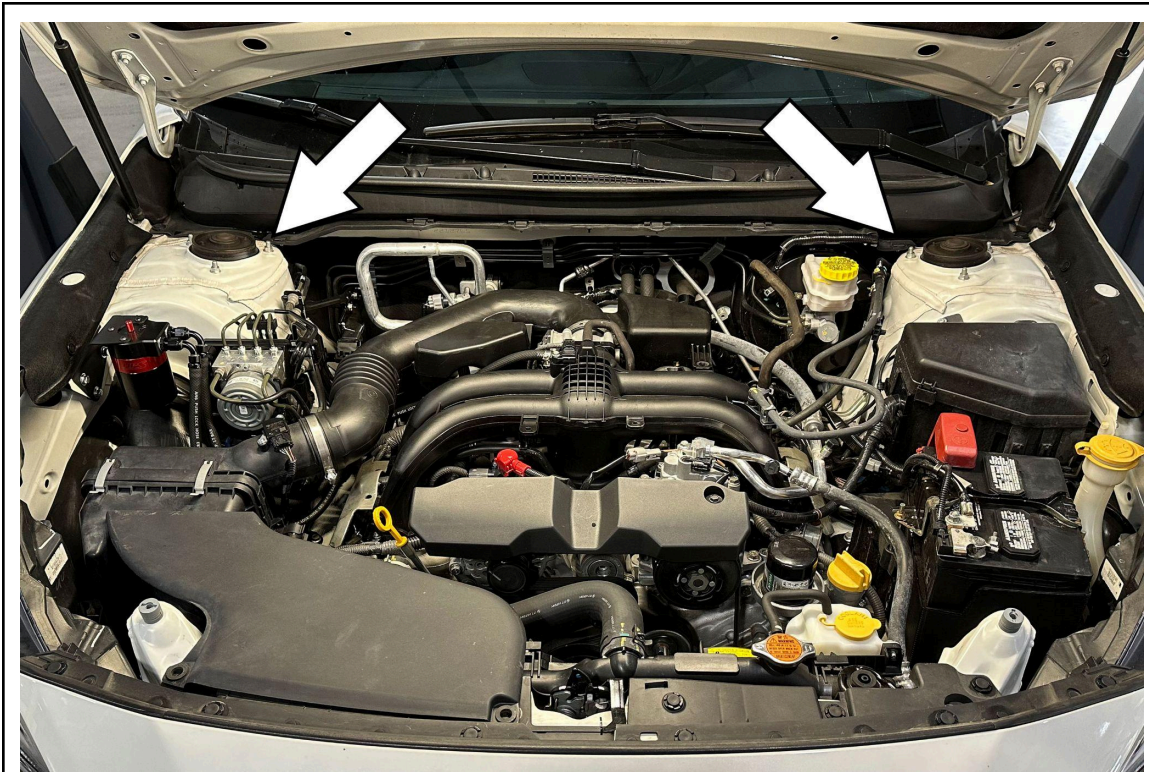
## **PLEASE READ CAREFULLY BEFORE INSTALLATION!**

This installation is not for the novice customer. Install this product with EXTREME caution! Misuse of this product can destroy your engine! If you are not mechanically inclined, please have a professional automotive mechanic install this kit.

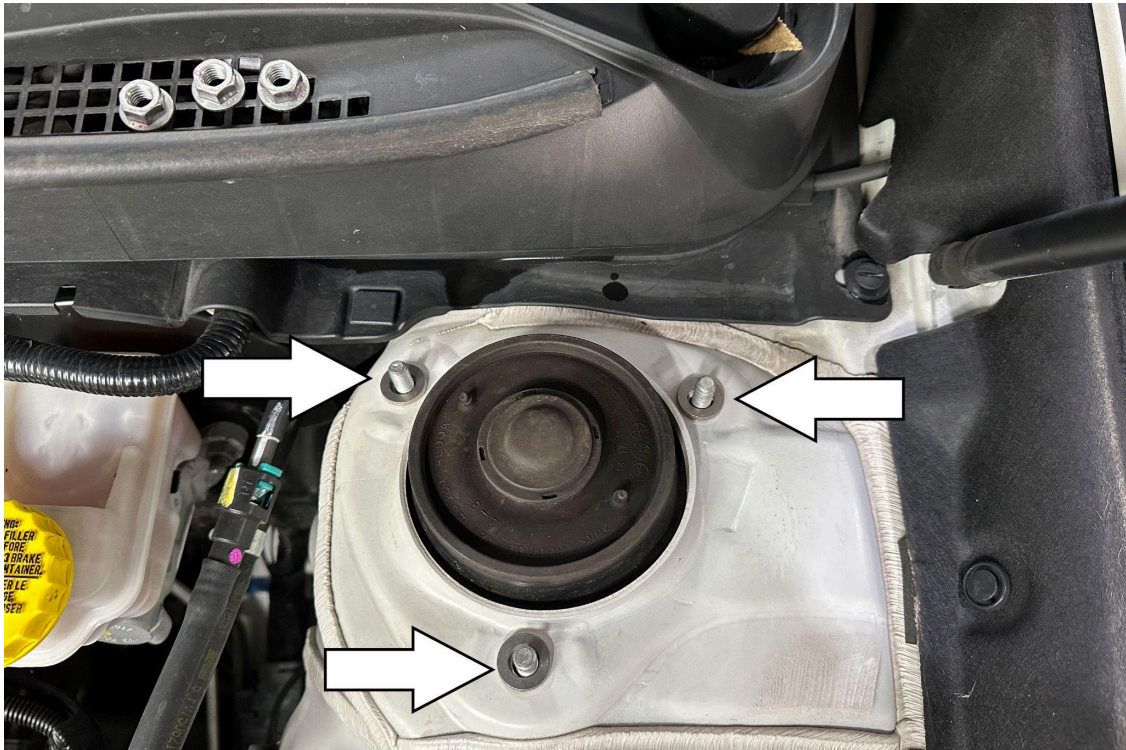
***NOTE: HPS holds no responsibility for any engine damage that results from misuse of this product.***

## **GETTING STARTED**

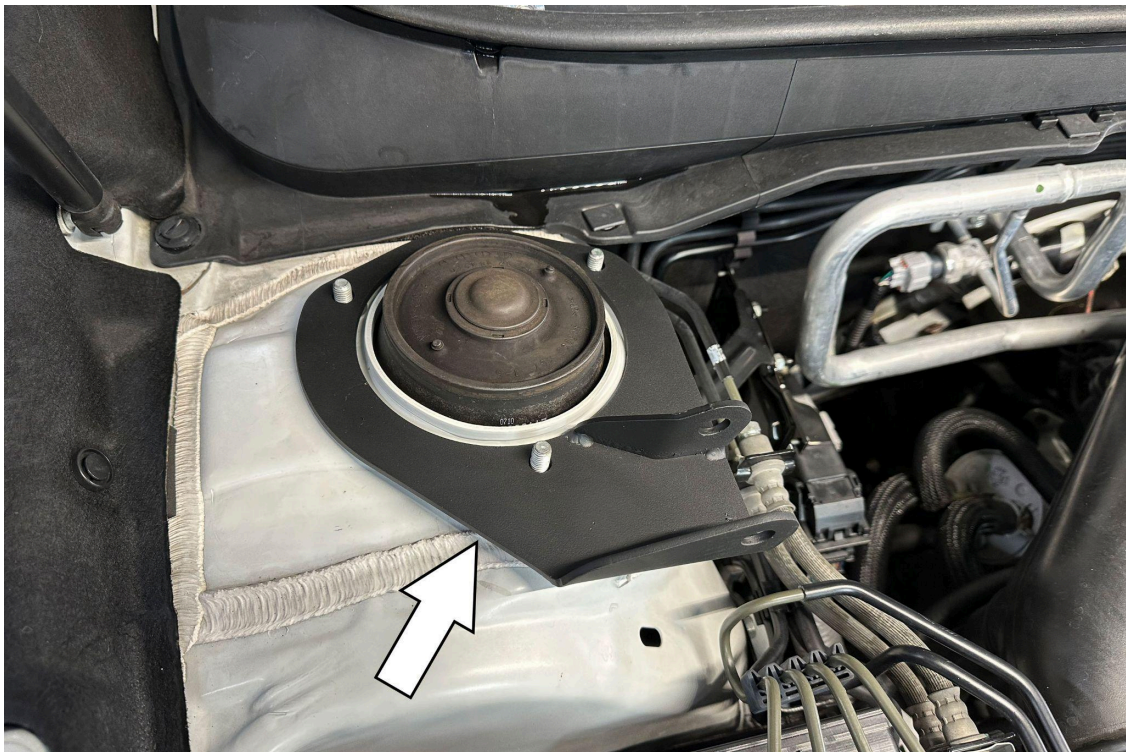
1. Turn the ignition OFF. If the engine has run within the past two hours, let it cool down.



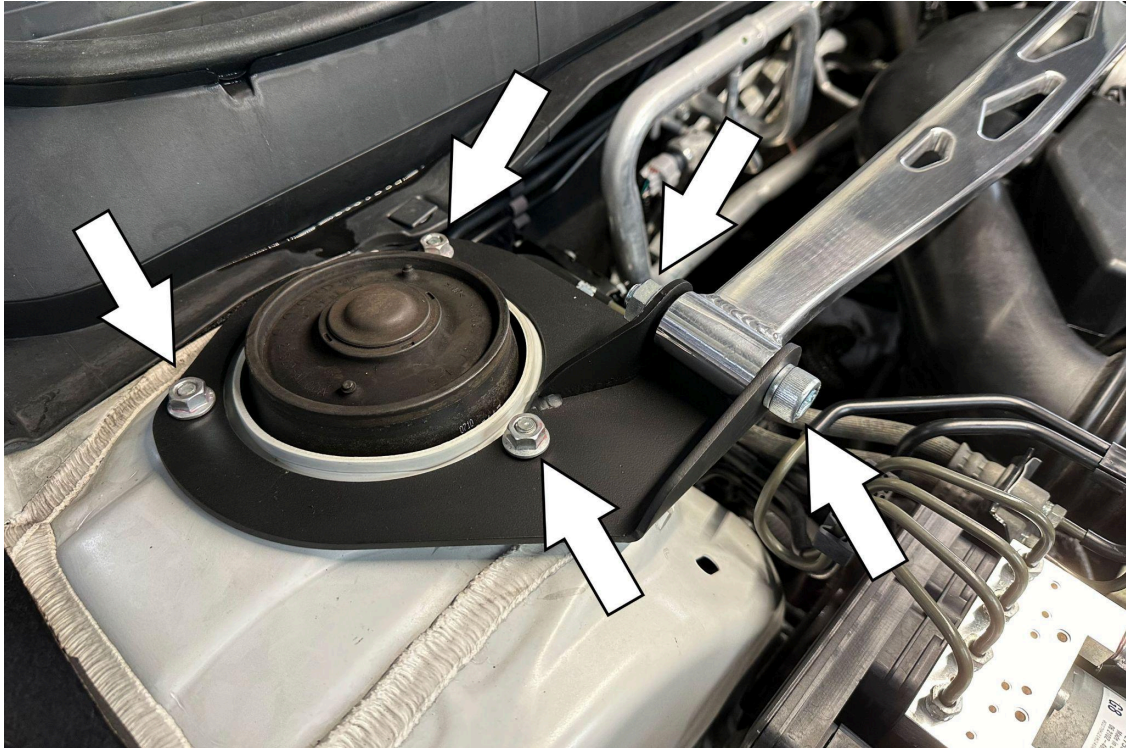
2. Remove the (6) original nuts on the strut tower.



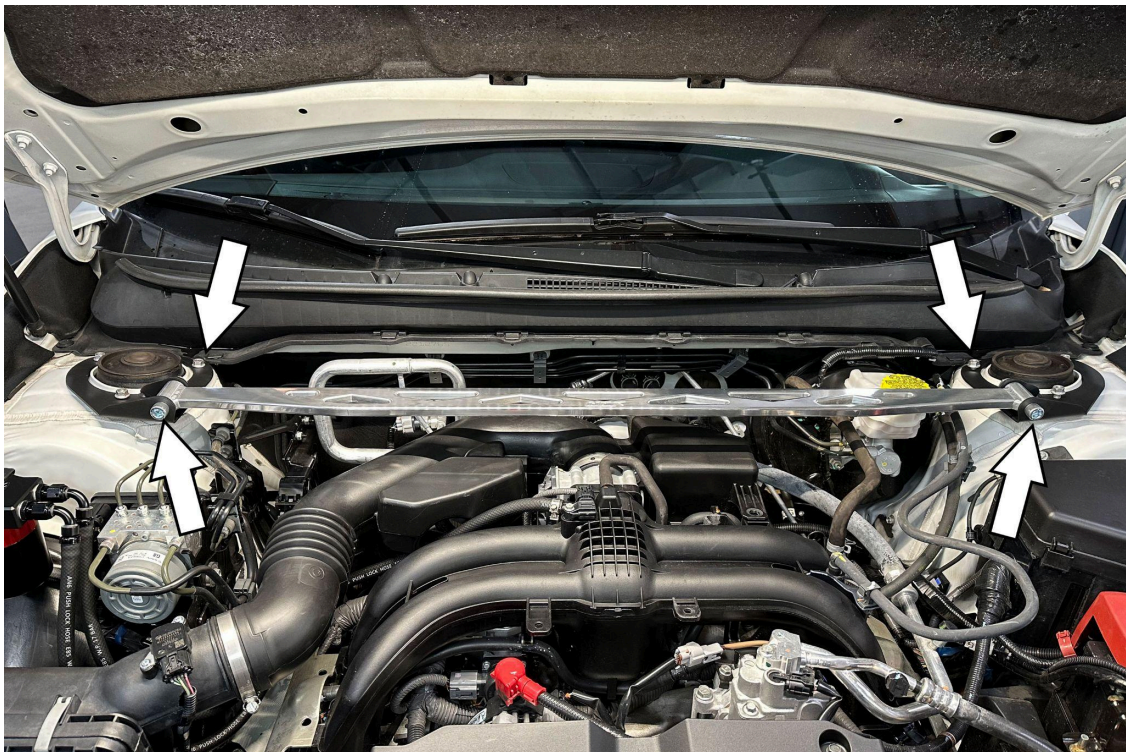
3. Install the provided (6) oversized washers onto the strut mount studs. There are (3) on each side.



4. Install the provided strut bar brackets on top of the washers that were installed in step 3.



5. Loosely reinstall the original strut tower nuts on both strut towers. Loosely install the HPS strut bar using the provided (2) Allen head bolts and (2) flange nuts.

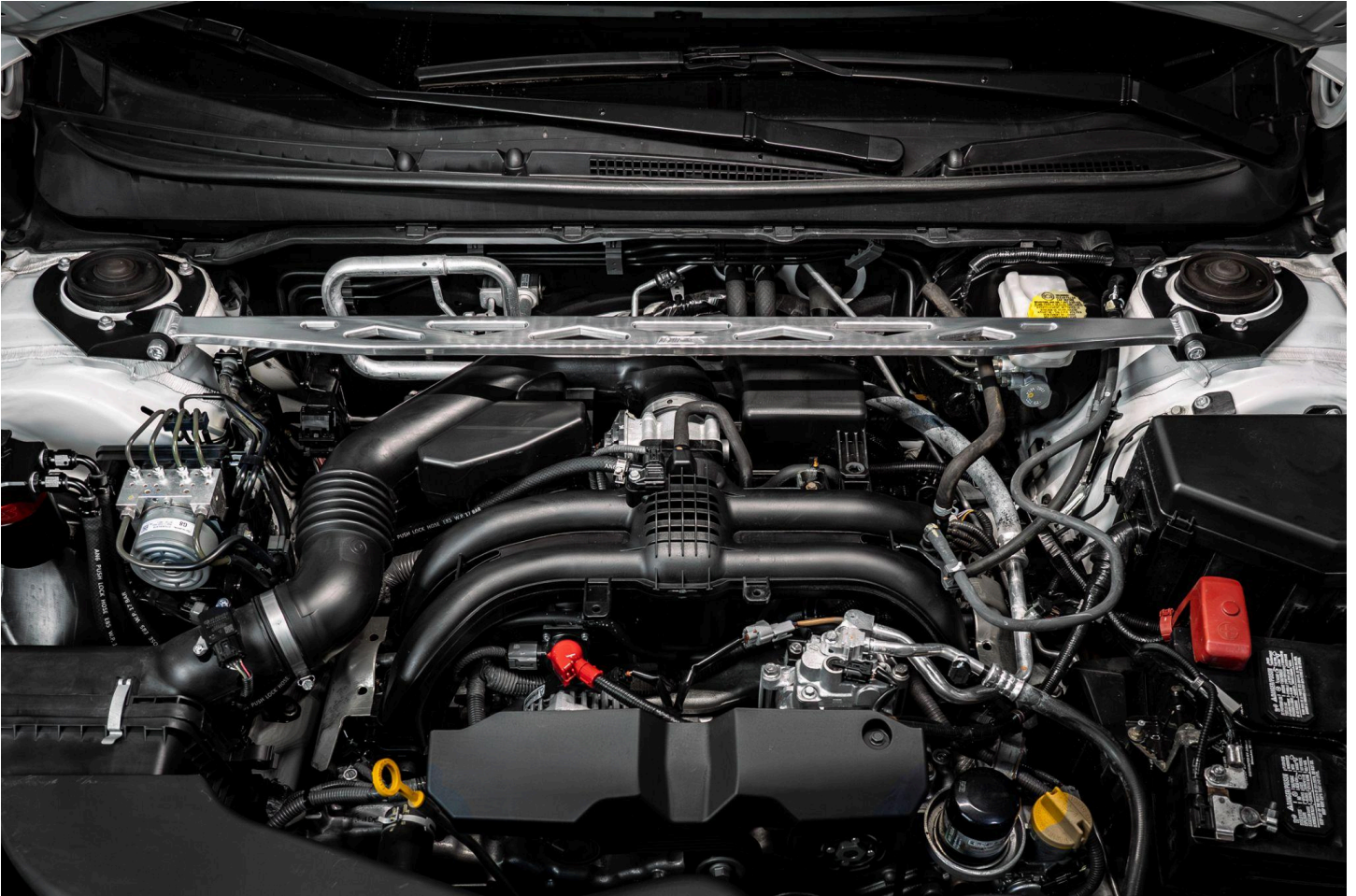


6. Fasten the (6) original strut tower nuts to 14.5 ft-lbs. Then, fasten the (2) Allen head bolts on each side of the strut bar to 86 ft-lbs.

## **FINAL STEPS**

Once the strut bar has been installed, check for clearance around and along the length of the strut bar. Damage to the strut bar and/or your vehicle may occur if the strut bar is installed incorrectly.

Periodically, recheck the tightness of the hardware and alignment of the strut bar to make sure there is proper clearance around and along the length of the strut bar. Failure to follow proper maintenance and installation procedures will void the warranty.



**Also available for**

**Subaru 2015-2019 Legacy 2.5L/3.6L & Outback 2.5L/3.6L**



**HPS Performance Oil Catch Can Kit  
(ONLY fits 2.5L models)  
Part Number [860-006](#)**



**HPS Performance Panel Air Filter  
Part Number [HPS-452421](#)**



**HPS Performance Stainless Steel Magnetic  
Oil Drain Plug  
Part Number [MDP-M16x150](#)**

**Contact an authorized HPS Performance dealer or  
visit us at [hpsperformance.com](http://hpsperformance.com) for more details**