



Performance Front Strut Tower Bar

Part Number: 42-115

BMW 2019-2024 330i 2.0L
BMW 2020-2024 M340i 3.0L

Installation Instructions

For technical inquiries, please email us at 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-4:30pm Pacific Time.

Bill of Materials

Kit Number: 42-115

Line #	Description	Part Number	Qty
1	Strut Bar, Driver Side	451-115-R	1
2	Strut Bar, Passenger Side	451-115-L	1
3	Bolt, M10 x 1.25, 25mm Long	95735A625	2
4	Bolt, M8 x 1.25mm, 60mm Long	95735A461	2
5	Flat Washer, M10, 20mm OD	93475A280	2
6	Flat Washer, M8, 24mm OD	HW-FW8L	2
7	Flange Nut, M10 x 1.25mm	96194A203	2
8	Flange Nut, M8 x 1.25mm	HW-N8	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

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

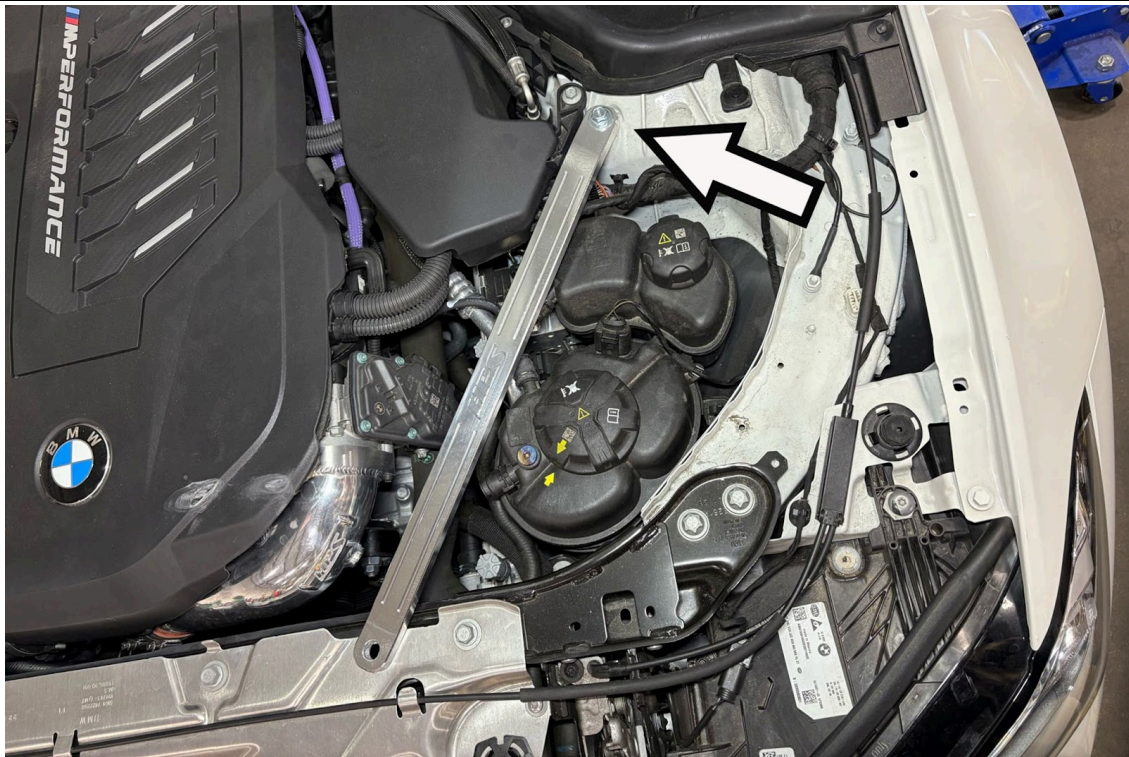
1. Turn the ignition OFF. If the engine has run within the past two hours, let it cool down.



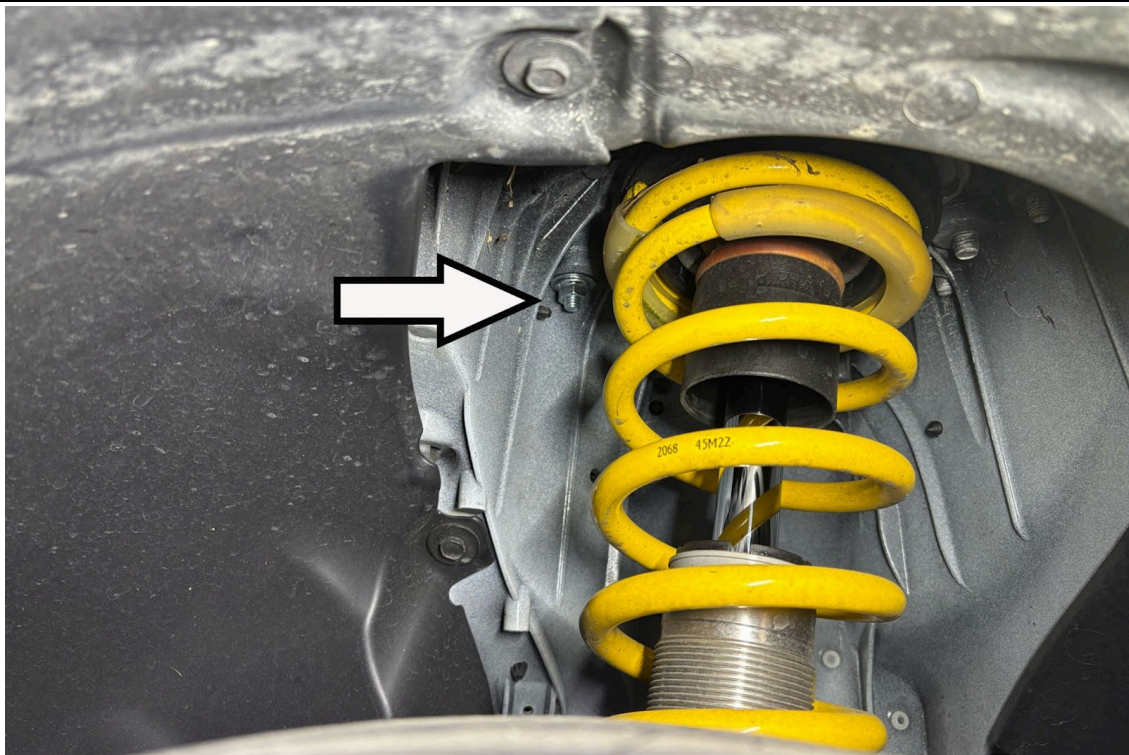
2. Using the designated jack point, raise the front driver side until the wheel is fully off the ground.



3. Slip an M8 washer onto one of the provided M8 bolts. Then apply a small amount of Loctite to the end of the M8 bolt.



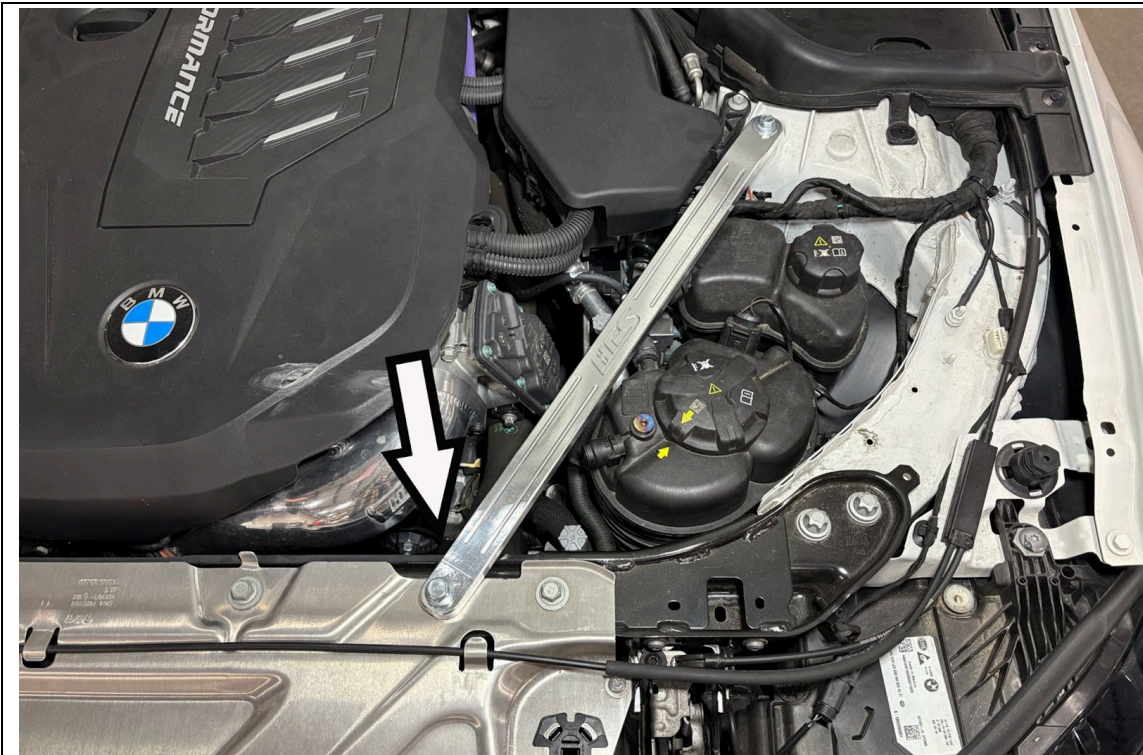
4. Position the driver-side strut bar over the strut tower and radiator support. Insert the M8 bolt and washer through the strut bar and strut-tower mounting holes.



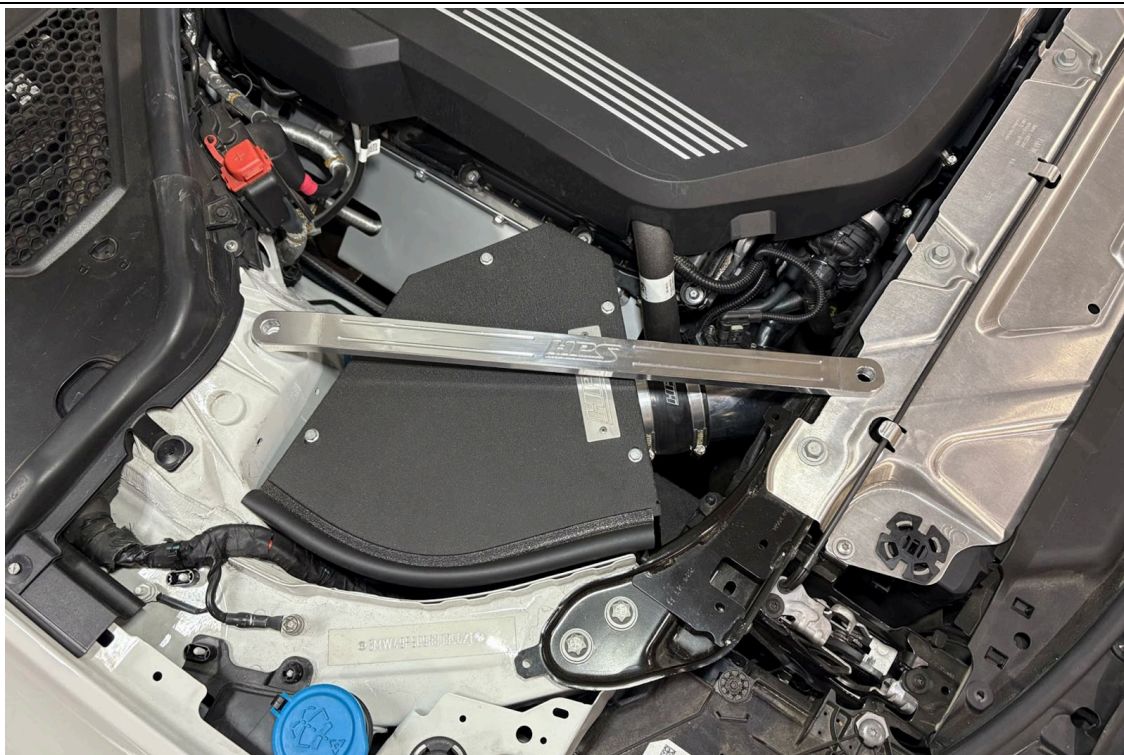
5. Secure the M8 nut onto the M8 bolt on the underside of the strut-tower mounting point.



6. Slip an M10 washer onto the provided M10 bolt. Then apply a small amount of Loctite to the end of the bolt.



7. Insert the M10 bolt and washer through the strut bar and into the mounting hole on the radiator support. Secure the bar using a provided M10 nut.



8. Repeat steps 2 through 7 on the passenger side.



9. Check for proper positioning of both bars and tighten all hardware.

FINAL STEPS

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

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



Also available for BMW 2019-2024 330i 2.0L



HPS Performance Charge Pipe Kit
Part Number [17-158](#)



HPS Performance Air Intake Kit
Part Number [827-770](#)



HPS Titanium Coolant Bleeder Screw
Part Number [HW22-1001](#)



HPS Magnetic Drain Plug
Part Number [MDP-M12x150](#)

Also available for BMW 2020-2024 M340i 3.0L



HPS Performance Turbo Heat Shield

Part Number [94-001](#)



HPS Performance Charge Pipe Kit

Part Number [17-159](#)



HPS Performance Air Intake Kit

Part Number [827-771](#)



HPS Titanium Coolant Bleeder Screw

Part Number [HW22-1001](#)



HPS Magnetic Drain Plug

Part Number [MDP-M12x150](#)

Contact an authorized HPS Performance dealer or
visit us at hpsperformance.com for more details