



Performance Strut Tower Bar Part Number: 42-100

**2016-2017 Lexus IS200T 2.0L Turbo
2018-2020 Lexus IS300 2.0L Turbo**

Installation Instructions

For technical inquiries please email us at tech@hpsperformanceproducts.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: 42-100

Line #	Description	Part Number	Qty
1	Center Aluminum Bar	451-100-AL	1
2	Left Strut Bar Bracket	431-100-L	1
3	Right Strut Bar Bracket	432-100-R	1
4	M12 x 1.75 x 100 mm Allen Bolt	91502A255	2
5	M12 x 1.75 mm Hex Nut	90870A105	2
6	M12 Split Lock Washer	91202A246	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@hpsperformanceproducts.com

PLEASE READ CAREFULLY BEFORE INSTALLATION!

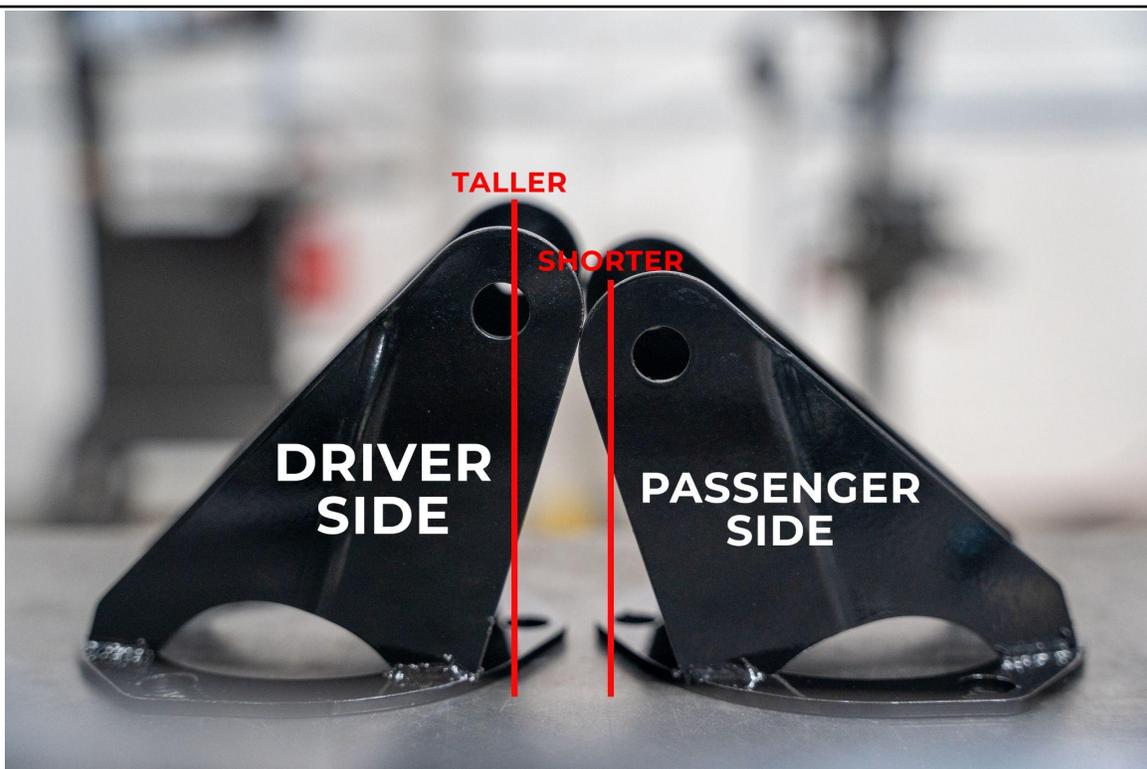
This installation is not for the novice customer. Install this product with EXTREME caution! Misuse of this product can destroy your engine! If you are not mechanically inclined, please have a professional automotive mechanic install this kit.

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

GETTING STARTED

1. Turn the ignition OFF and **disconnect the vehicle's negative battery cable**. If the engine has run within the past two hours let it cool down.

NOTE: Disconnecting the negative battery cable erases pre-programmed electronic memories. Write down all memory settings before disconnecting the negative battery cable. Some radios will require an anti-theft code to be entered after the battery is reconnected. The anti-theft code is typically supplied with your owner's manual. In the event your vehicles' anti-theft code cannot be recovered, contact an authorized dealership to obtain your vehicles anti-theft code. We also highly recommend NOT discarding any stock parts after the installation.



2. Identify strut tower brackets from left and right or driver side and passenger side. The driver's strut tower bracket is taller than the passenger's side strut tower bracket.



3. Remove the strut tower nuts from the left and right strut towers using a 14mm socket.



4. Remove the OEM strut tower plate on each side.

NOTE: THE HPS STRUT BAR WILL NOT INSTALL PROPERLY IF THE STOCK PLATES ARE NOT REMOVED.



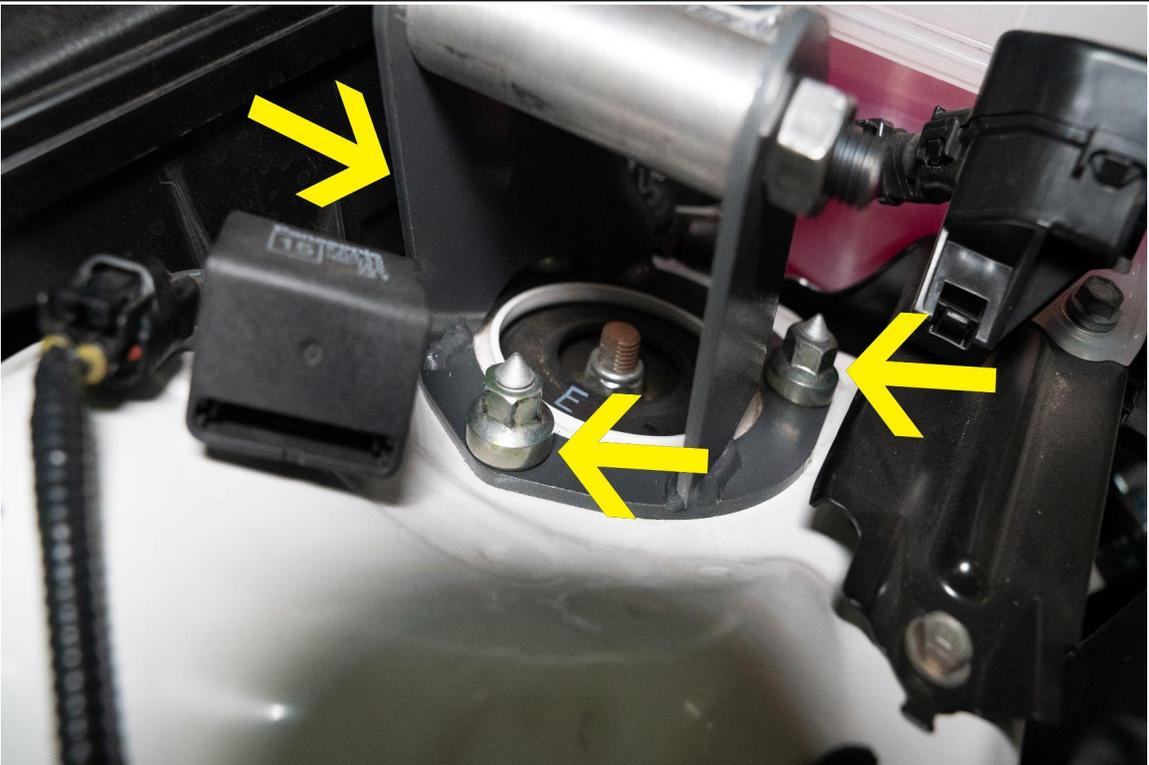
5. Loosely install the strut tower brackets onto the designated sides.



6. Slide the provided M12 Allen bolts on both sides to attach the strut bar to the strut tower brackets.



7. Thread on the provided M12 split lock washers first and then M12 nuts onto the backside of the M12 bolts.



8. Torque down the top 3 strut tower suspension nuts to the manufacturer's specifications.



9. Torque down the M12 Allen bolts and the M12 nuts to 80 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.

Reconnect the negative battery terminal before you start the engine.

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 Lexus IS200t / IS300 2.0L Turbo



HPS Silicone Radiator Coolant Hose Kit

[Part Number 57-1829](#)



HPS Performance Air Intake Kit

[Part Number 827-633](#)



HPS Intercooler Charge Pipe

[Part Number 17-122](#)



HPS Turbo Resonator

[Part Number 17-131](#)

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