HPS

Performance Strut Tower Bar
Part Number: 42-105

Kia 2018-2021 Stinger 2.0L Turbo
Kia 2022-2023 Stinger 2.5L Turbo
Kia 2018-2023 Stinger 3.3L V6 Twin-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: 42-105

Line #	Description	Part Number	Qty
1	Left Strut Bar	42-105-L	1
2	Right Strut Bar	42-105-R	1
3	Center Strut Bar	42-105-C	1
4	Bolt, M8 x 1.25mm, 35mm Long	90128A277	4
5	Hex Nut, M8 x 1.25mm	90870A103	4
6	Split Lock Washer, M8	91202A238	4

- **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**
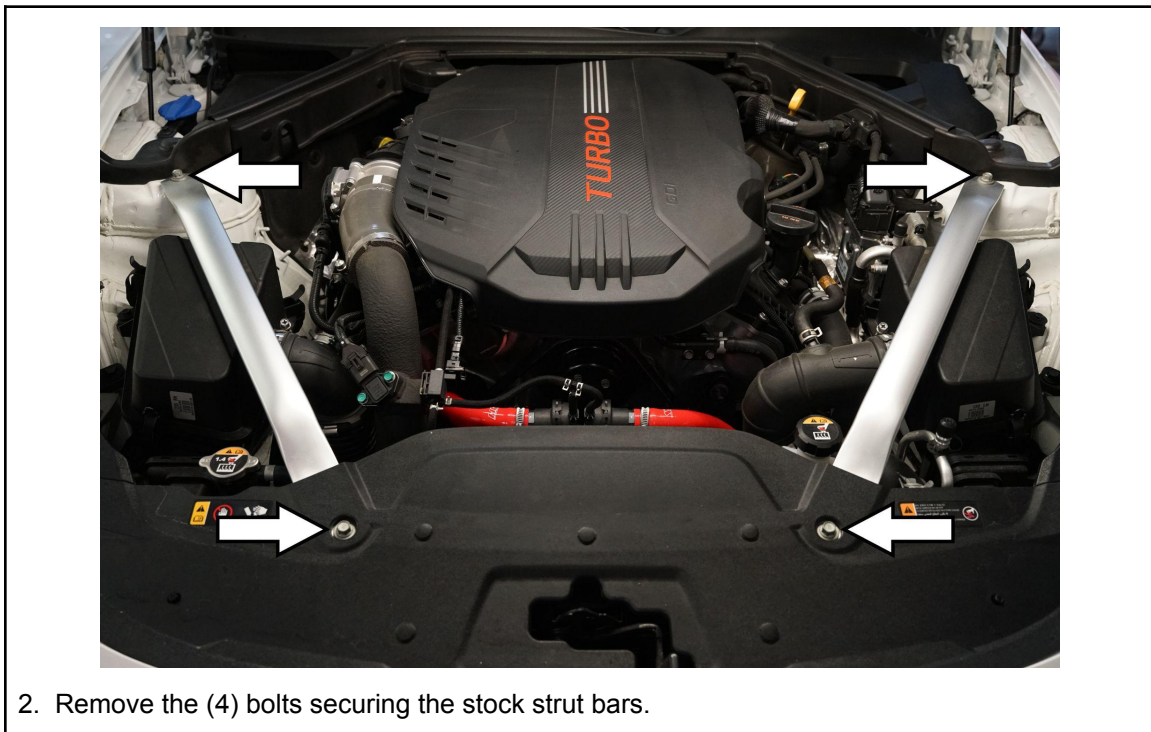
PLEASE READ CAREFULLY BEFORE INSTALLATION!

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.
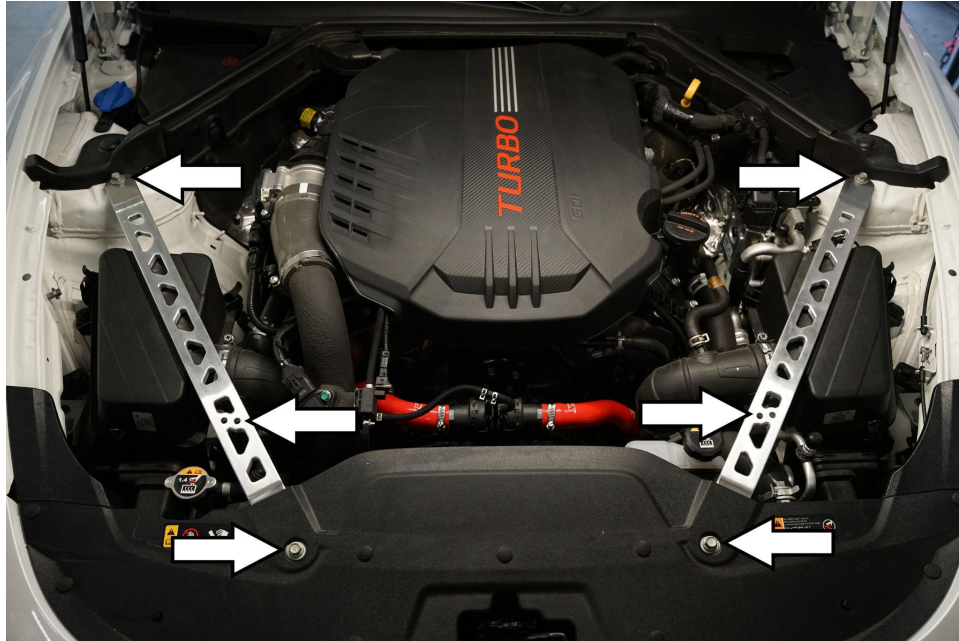
GETTING STARTED

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.
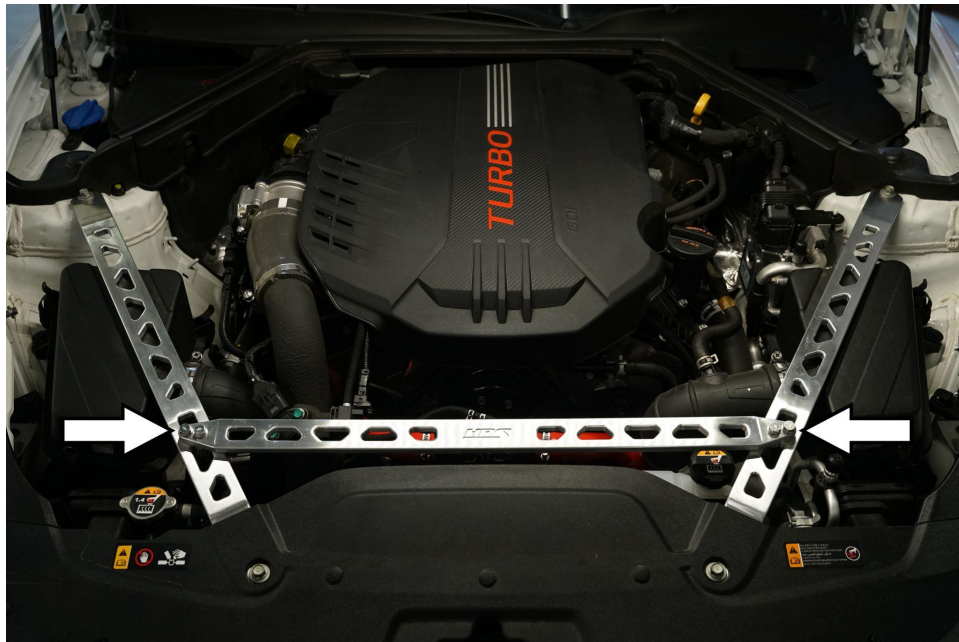
NOTE: Disconnecting the negative battery cable erases pre-programmed electronic memories. Write down all memory settings before disconnecting the negative battery cable. Some radios will require an anti-theft code to be entered after the battery is reconnected. The anti-theft code is typically supplied 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. Remove the (4) bolts securing the stock strut bars.

3. Remove the stock strut bars and replace them with 42-105-L (driver side) and 42-105-R (passenger side). Loosely reinstall the (4) original mounting bolts. Make sure the mounting holes on each bar are oriented as shown in the image above.

4. Install 42-105-C using the provided hardware (4) M8 bolts, (4) M8 split washers, and (4) M8 hex nuts as shown in the image above. Be sure to install the split washers and the M8 hex nuts on the underside of the strut bars with the bolt installed from the top down. Fasten all of the mounting hardware for the strut bars.

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 2018-2023 Kia Stinger 3.3L V6 Twin-Turbo

	HPS Performance Air Intake Kit **Part Number 827-672**
	HPS Silicone Radiator Hose Kit **Part Number 57-1964**
	HPS Performance Drop-In Air Filter **Part Number HPS-4573-8384**
	HPS Silicone Breather BOV Hose Kit **Part Number 57-2045**

Contact an authorized HPS Performance dealer or

visit us at hpsperformanceproducts.com for more details