



Performance Cold Air Intake Kit

Part Number: 837-501

Scion 2008-2015 xB 2.4L

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

Part Number: 837-501

Line	Description	Part Number	Qty
1	Upper Air Intake Pipe	529-30	1
2	Cold Air Extension Pipe	529-31	1
3	HPS Air Filter	HPS-4276	1
4	T-Bolt Clamp for 2.5" Hose	SSTC-67-75	1
5	T-Bolt Clamp for 3" Hose	SSTC-79-87	3
6	2.5" to 3" Reducer x 3" Long	P3SR-250-300-L3	1
7	3" Hump Coupler x 3" Long	P3SHC-300-L3	1
8	4mm Allen Head Bolt x 8mm Long	HW-B4-8	2
9	6mm Rubber Mount x 1" Tall	HW-RM6-100	2
10	6mm Flange Nut	HW-N6	2
11	6mm Flat Washer, 16mm O.D.	HW-FW6L	4
12	6mm Bolt x 12mm Long	HW-B6-12	1
13	6mm Bolt x 25mm Long	HW-B6-25	1
14	Short Ram Intake Bracket	529-27	1
15	Cold Air Intake Bracket	529-28	1
16	Sensor Bracket	529-29	1

- **Before installing any parts of this intake system, please read the instructions thoroughly.**
- **Verify the contents of this intake kit before disassembling your vehicle.**
- **DO NOT INSTALL IF ANY PARTS ARE MISSING OR DAMAGED. CONTACT tech@hpsperformanceproducts.com IMMEDIATELY. WE ARE NOT RESPONSIBLE FOR ANY DAMAGE CAUSED DUE TO IMPROPER INSTALLATION.**
- **Installation requires moderate mechanical skills. A qualified mechanic is highly recommended.**
- **Do not attempt to install the intake system while the engine is hot.**
- **This installation may require removal of coolant lines that may be hot.**
- **For technical inquiries, please e-mail 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 vehicle's anti-theft code cannot be recovered, contact an authorized dealership to obtain your vehicle's anti-theft code. We also highly recommend NOT discarding any stock parts after the installation.



2. Remove the front bumper. Start by removing the plastic clip and bolt, circled in the image, from the passenger and driver sides of the vehicle.



3. Remove the bolt and plastic clips from behind the wheel well on both the passenger and driver sides. The plastic clip will pry out, do not twist to remove.



4. Remove the bolts underneath the bumper with a 10mm socket. There are a total of 8 identical bolts along the edge of the bumper.



5. Lift the edges of the bumper away from the fender on both sides and carefully slide the bumper off the car. Place the bumper in a safe place.



6. Disconnect the mass air flow (MAF) sensor plug.



7. Using a 10mm socket or Phillips (cross) screwdriver, unscrew the clamp from the intake hose.



8. Unbuckle the three clips to to remove the top half of the air box.



9. Remove the clip holding the harness circled above. Then use a 10mm socket to remove the three bolts holding in the remainder of the factory air box.



10. Loosen the spring on the breather hose connected to the air hose, then pull the breather hose towards the front of the car to separate it from the main air hose.



11. Remove the sensor bracket from the air hose by pulling up. Once the bracket is removed, you can remove the air hose from the throttle body by removing the spring clip.



12. Place the reducing coupler onto the throttle body and secure it with a T-bolt clamp.



13. Remove the bracket on the emissions sensor with a Phillips (cross) screwdriver.



14. Install the supplied bracket using the factory screw.



15. Remove the MAF sensor from the factory air box and install it onto the HPS pipe with the included M4 Allen Head bolts. At this point, you can place the intake onto the throttle body without tightening it.



16. Install the mount onto the factory air box mounting plate. Use the included "S" bracket to brace the intake, using the supplied washer and 16mm long 6mm hex bolt. Sandwich the emission sensor bracket between the intake and "S" bracket and tighten down using the supplied washer and 6mm nut.



17. Plug in the MAF sensor. Reinstall the breather hose onto the intake pipe. At this point, you can secure the 3" hump coupler to the end of the pipe with one of the T-bolt clamps included.



18. Remove the clip holding the air snorkel behind the driver side headlight.



19. Remove the 2 bolts on the top and the plastic clip circled in the image. Once the bolts are removed, you can remove the tube from underneath.



20. Install the rubber vibration mount and bracket, securing the bracket to the mount with the supplied 6mm nut and washer. Slide the pipe into the opening and loosely fit the 12mm long, 6mm bolt and washer through the bracket to the pipe. Install the HPS filter to the end of the pipe.



21. Be sure to place the last T-bolt clamp over the hump coupler, and slide the cold air extension pipe into the coupler.

Final Steps

Once the intake has been positioned, tighten all of the clamps and secure all of the parts.

Reinstall the bumper

Upon completion of the installation, reconnect the negative battery terminal before you start the engine. Double check to make sure everything is tight and properly positioned before starting the vehicle.

Start the engine. Let the car idle for 3 minutes. Perform a final inspection before driving. Listen carefully for any odd noises, rattles and/or air leaks prior to taking it for a test drive. If any problems arise go back and check the vacuum lines, hoses and clamps that may be causing leaks or rattles and correct the problem.

Periodically, recheck the alignment of the intake system and make sure there is proper clearance around and along the length of the intake. Failure to follow proper maintenance procedures may cause damage to the intake and will void the warranty.