



## **Silicone Air Intake Kit Part Number: 57-2046**

**2010-2022 Toyota 4Runner 4.0L  
2010-2014 Toyota FJ Cruiser 4.0L**

## **Installation Instructions**

For technical inquiries please email us at [tech@hpsperformanceproducts.com](mailto: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: 57-2046

Description	Prep	Part Number	Qty	Check
Silicone Tube	1	57-2046	1	
16" Vacuum Hose Tubing	2	HTSVH4-BLK	1	
Fuel Injection Hose Clamp	2	FIC-8	2	
Fuel Injection Hose Clamp	2	FIC-10	1	
Embossed Hose Clamp	2	EMSC-16-27	1	
T-Bolt Clamp	2	SSTC-86-94	1	
T-Bolt Clamp	2	SSTC-102-110	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.**
- **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 intake system while the engine is hot.**
- **For technical inquiries, please email us at [tech@hpsperformanceproducts.com](mailto: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.***

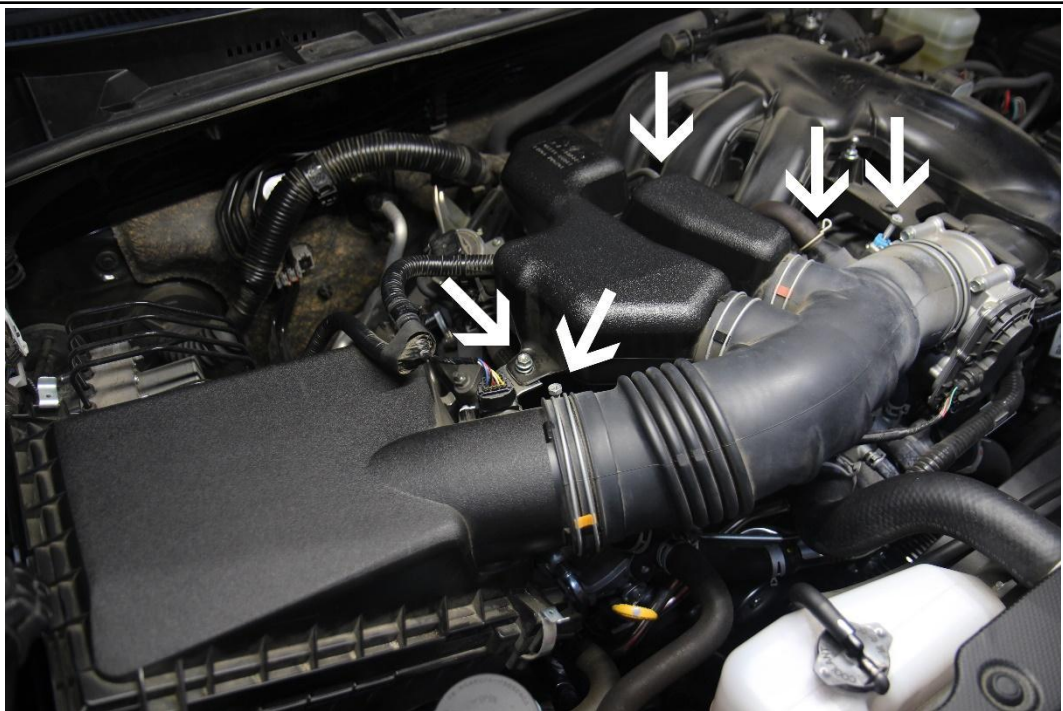
### **GETTING STARTED**

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.

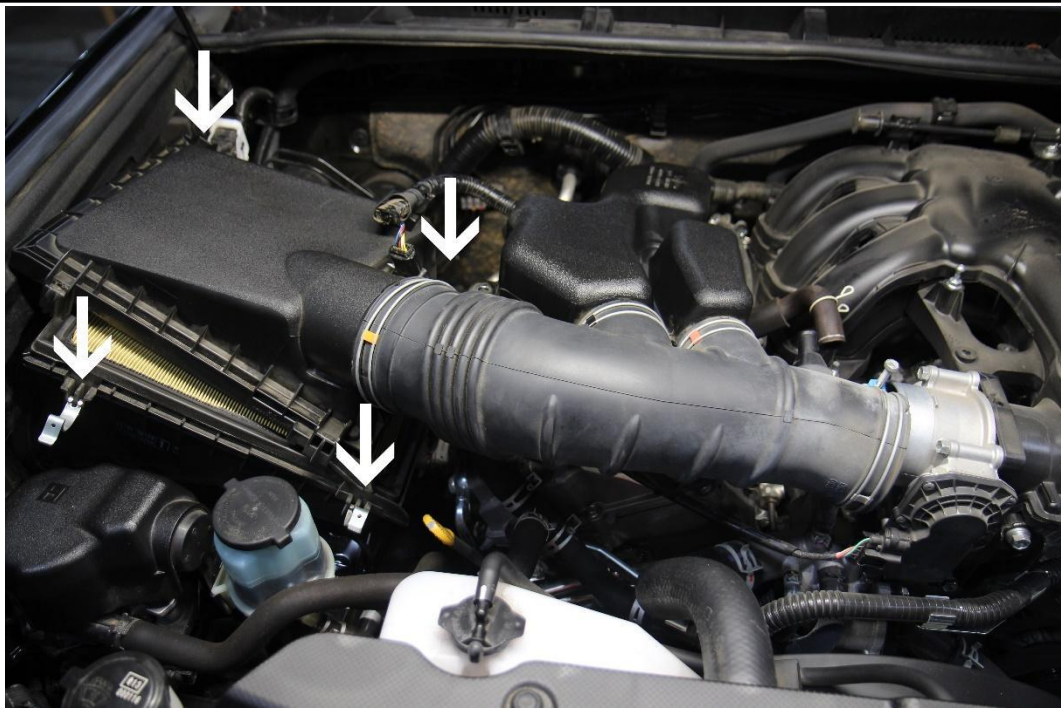
NOTE: Disconnecting the negative battery cable erases pre-programmed electronic memories. Write down all memory settings before disconnecting the negative battery cable. Some radios will require an anti-theft code to be entered after the battery is reconnected. The anti-theft code is typically supplied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



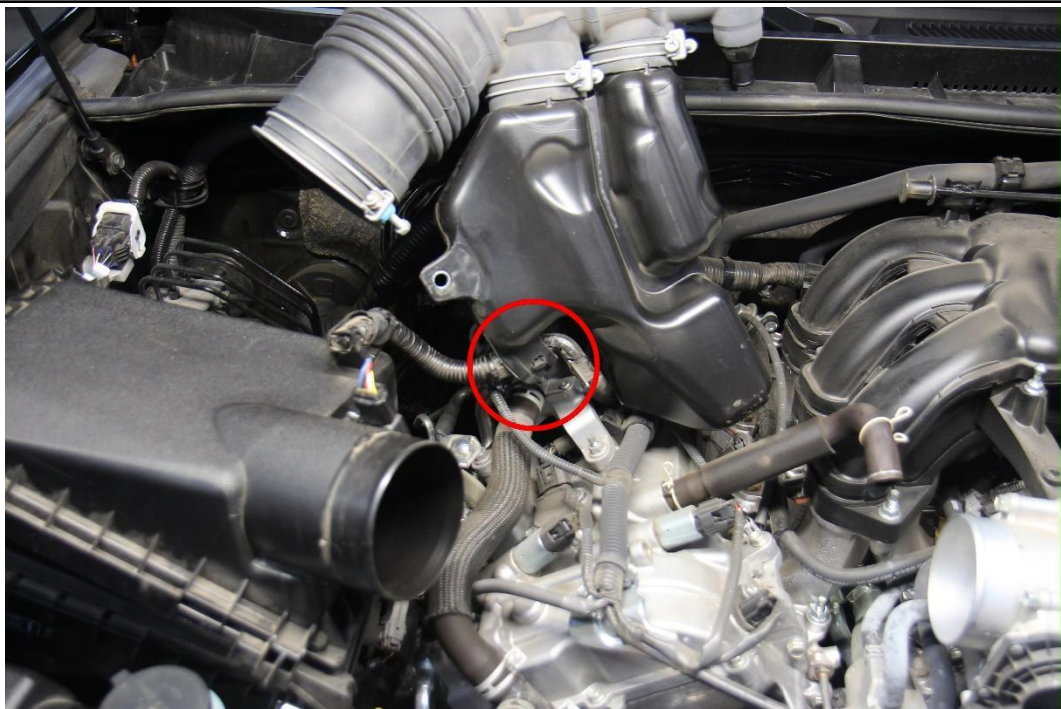
1. Remove the engine cover.



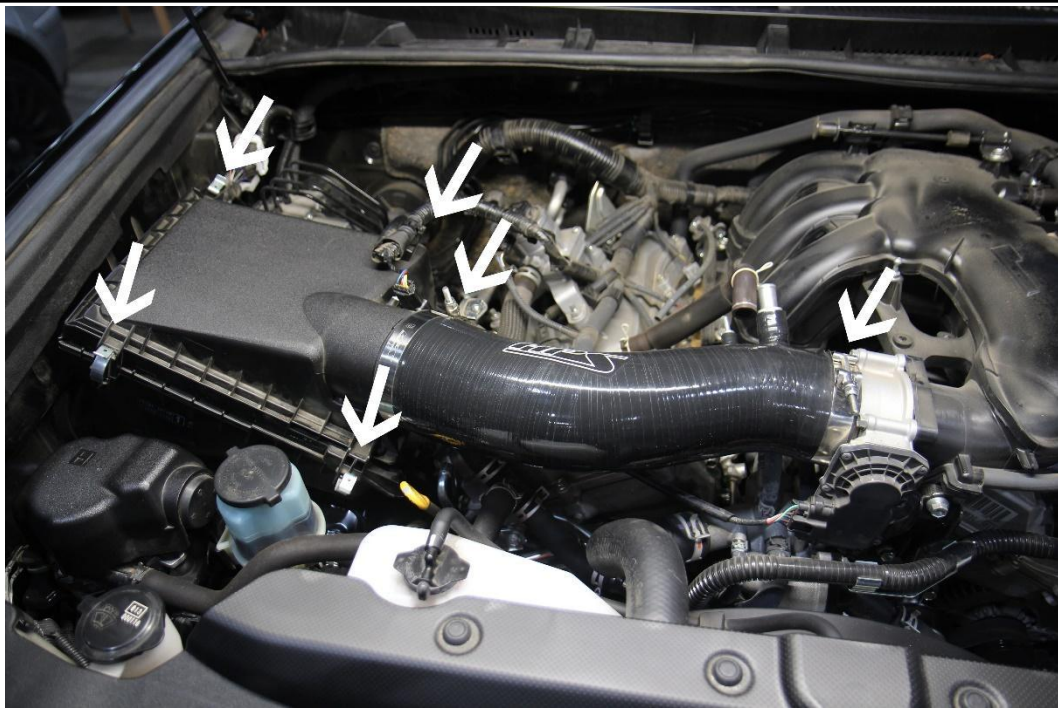
2. Loosen the intake clamps at the throttle body and the air box. Disconnect the PCV hose located next to the throttle body on the intake. Disconnect the vacuum hose located behind the intake resonator. Then, remove the 10mm bolt to disconnect the intake resonator mount.



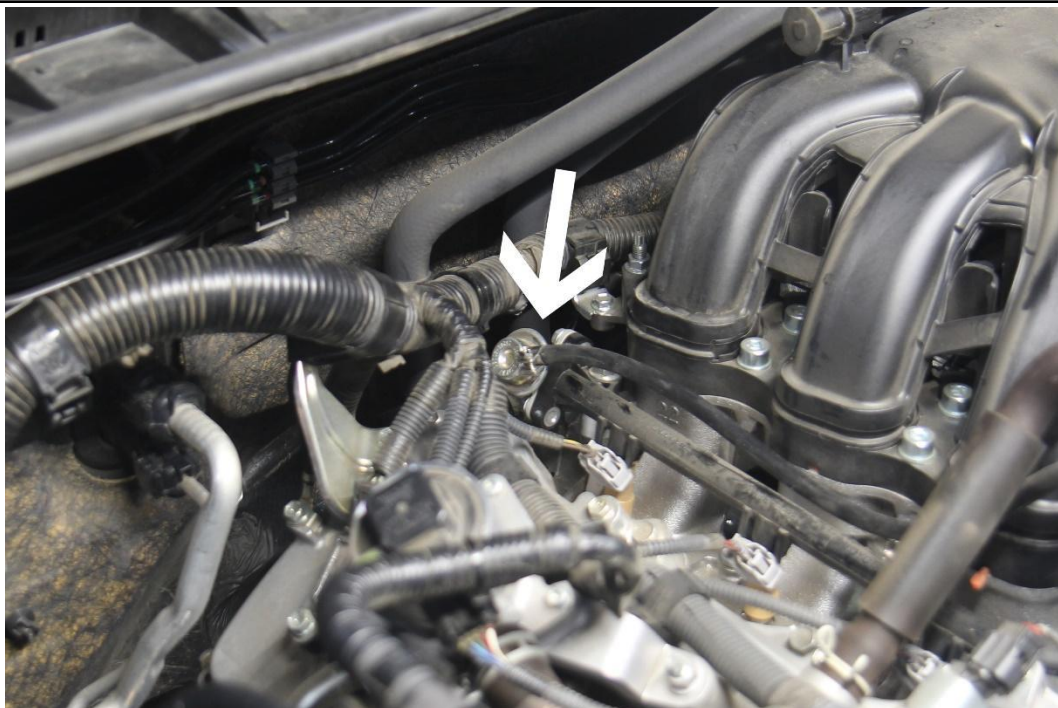
3. Unclip the 4 clips that hold the upper intake box in place. Move the intake box up and over to the side so that there is space to remove the OEM intake.



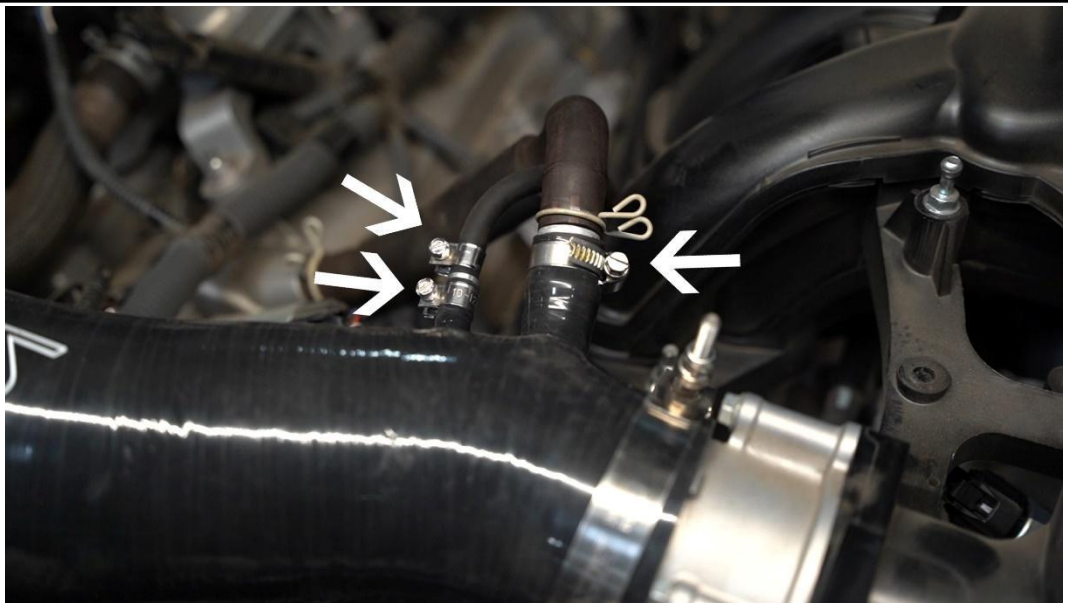
4. Flip the stock intake so the MAF harness clip is exposed. Use a flat head screwdriver to unclip the harness from the resonator and remove stock intake assembly.



5. First, install the HPS silicone tube onto the throttle body with the provided T-bolt clamp SSTC-86-94, then onto the stock air box outlet with the provided T-bolt clamp SSTC-102-110. Attach the stock air box back in place and fasten the 4 clips.



6. Remove the stock vacuum hose from the fuel pressure regulator and replace it with the HPS vacuum hose, part number HTSVH4-BLK, then secure the vacuum hose with the provided FIC-8 clamp.



7. To install the vacuum hose, slip the clamp FIC-10 onto the intake then install the vacuum hose onto the intake barb with the clamp FIC-8. To install the PCV hose, slip the EMSC-16-27 clamp onto the intake then install the PCV hose back onto the intake barb.



8. Install the engine cover.

## Final Steps

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

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.



**Also available for:**  
**2010-2022 Toyota 4Runner 4.0L**  
**2010-2014 Toyota FJ Cruiser 4.0L**

**HPS Silicone Radiator + Heater Coolant Hose Kit**

**Fits 2010-2014 Toyota FJ Cruiser 4.0L V6**

**[Part Number 57-1611](#)**



**HPS Silicone Radiator Coolant Hose Kit**

**Fits 2010-2022 4Runner 4.0L V6**

**[Part Number 57-1730](#)**





**HPS Silicone Heater Coolant Hose Kit**

**Fits 2010-2022 4Runner 4.0L V6**

**[Part Number 57-1694](#)**



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