

PERFORMANCE BY



INSTALLATION GUIDE

IE POLY INTAKE SYSTEM FOR AUDI B8 S4
IEINCG5



This installation guide is for instructional purposes only. For best results, professional installation by an experienced technician is always recommended. By reading this guide you agree Integrated Engineering is not responsible for any damage or personal injury caused by incorrect installation.

DIFFICULTY



Expect 40 - 60 minutes on average

REQUIRED TOOLS

- Flathead screwdriver
- Phillips screwdriver
- T25 torx driver
- T30 torx driver
- 4mm allen wrench
- 8mm wrench
- Silicone Lube
- Trim Removal Tool

BEFORE YOU BEGIN

It is highly recommended to pre-read this entire guide ahead of your installation to familiarize yourself with each step. Always park your vehicle in a safe and level location and allow plenty of time for the engine bay and exhaust to completely cool. Locate and prepare your work space with each required tool listed above. Unbox all components and verify the contents and quantities before you begin. If anything is missing or damaged, please contact us for immediate help at support@performancebyie.com

REQUIRED PARTS

- No additional parts are required for this install

OPTIONAL PARTS

- IE Throttle Body Upgrade Kit (IEINCG3A)

SPECIAL NOTE:

This install guide has been photographed and written on a B8 S4. Some steps and factory hardware specifications may vary depending on vehicle model, year, and region. This guide is for reference purposes only. If you are unsure of the installation procedure for any individual step or part, please seek professional help before proceeding.



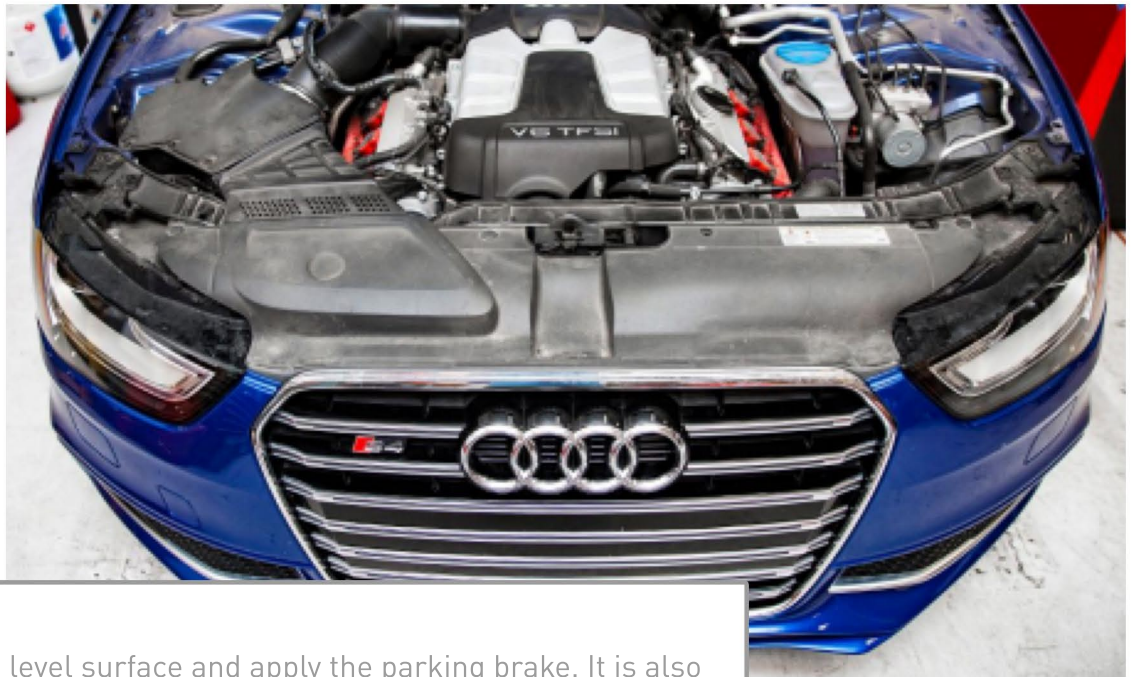
INCLUDED PARTS

- 01 - B8 S4 Rotomolded Airbox Assembly
- 02 - B8 S4 Rotomolded Airbox Hanger
- 03 - 3.5" STRAIGHT COUPLER FOR B8/B8.5 S4 INTAKE BELLMOUTH
- 04 - IE B8/B8.5 S4 3.5" ALUMINUM INLET PIPE
- 05 - SAI Adapter for Rotmoloded Intakes
- 06 - IE Replacement Air Filter
- 07 - SILICONE HOSE FOR B8/B8.5 S4 INTAKE THROTTLE BODY
- 08 - IE 1" Inlet Breather Air Filter (REV A, Metal Cap)
- 09 - SS Smooth-band Worm-drive Hose Clamp, 3 1/8" To 4" Clamp (3x)
- 10 - IE GROMMET MOUNT PIN FOR B8/B9 CAI (2x)
- 11 - SS Smooth-band Worm-drive Hose Clamp, 2-1/2" To 3-1/2"
- 12 - 18-8 Stainless Steel Socket Head Screw, M5 x 0.8 mm Thread, 16 mm Long (2x)
- 13 - Durable Nylon Tight-Seal Barbed Tube Fitting 90 Degree Elbow, 1/4" Tube ID, Blk
- 14 - IE CUSTOM MOLDED EPDM INTAKE GROMMET (BLACK, 60 DURO
- 15 - IE GROMMET LONG MOUNT PIN
- 16 - 18-8 Stainless Steel Socket Head Screw, M5 x 0.8 mm Thread, 25 mm Long

Some items may be partially assembled.



1



Park your car on level surface and apply the parking brake. It is also recommended to allow the car to cool before beginning this install procedure.

2



Remove the four push clips from the radiator cowling. Use a small flathead to depress the center pin of the clip, then pull to remove entire clip.

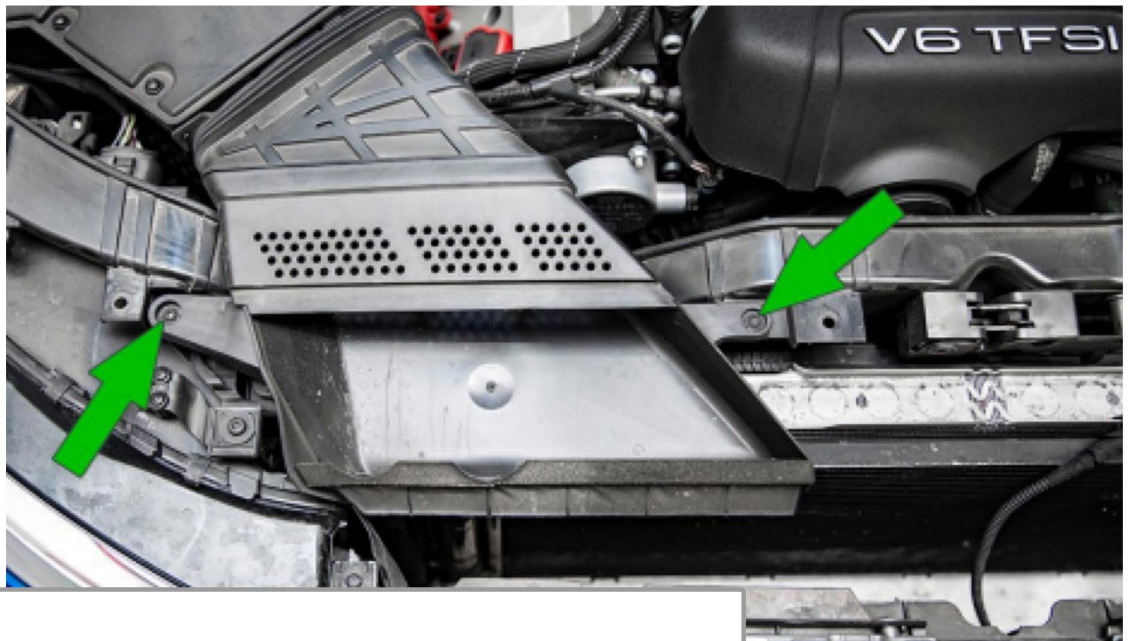


3



Carefully pull up on the edges of the cowl to release it, remove it from the vehicle and set aside.

4



Remove the two bolts from the intake snorkel using a T25 torx driver.



5



Disconnect the metal retaining clips and separate the inlet pipe from the airbox.

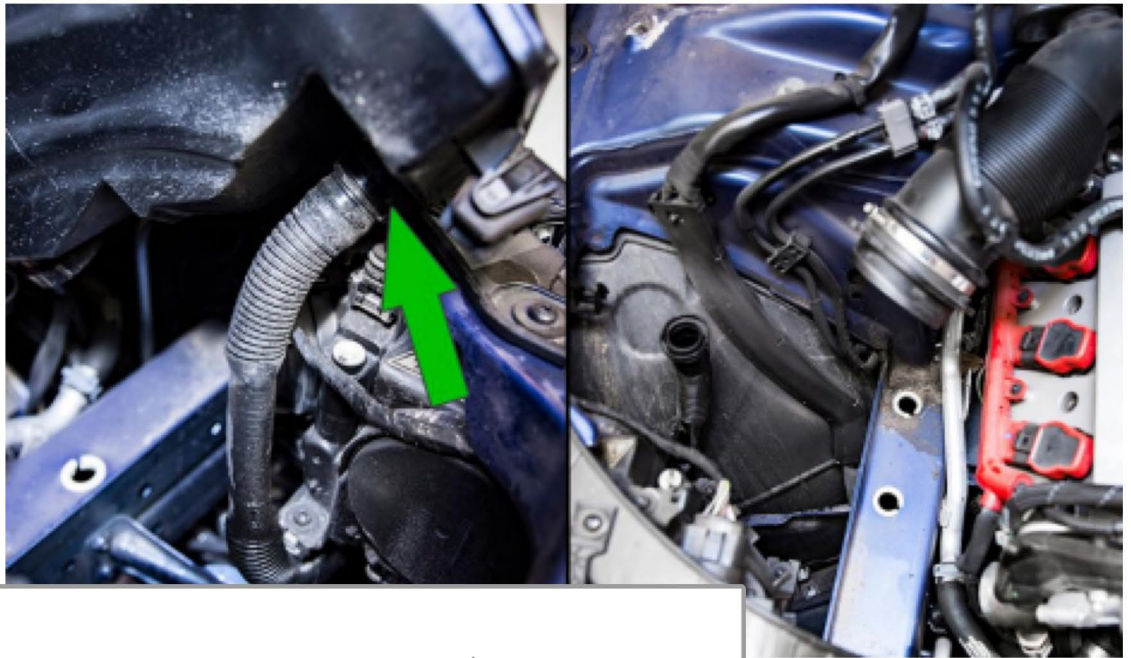
6



Pull back on the airbox to disconnect it from the fender bracket, then pull up to disconnect the box from the lower grommets. Do not completely remove the airbox in this step. You will then remove the side fender bracket with a T30 torx driver.

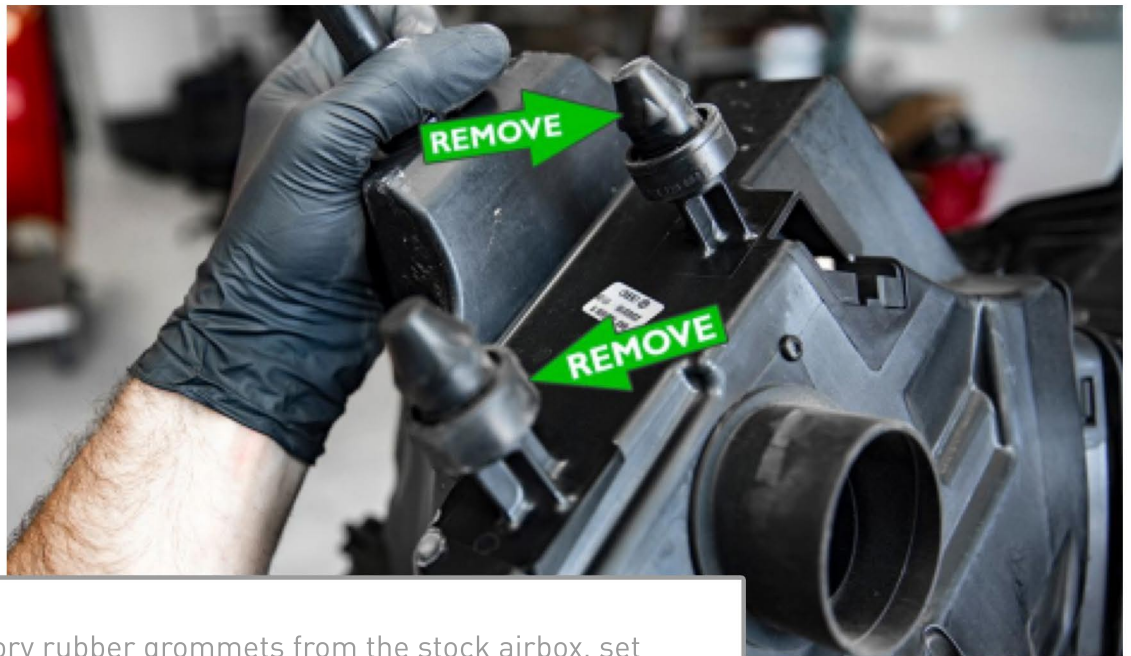


7



Carefully pull the airbox up and disconnect the SAI (secondary air injection) hose from the underside of the airbox. Remove the airbox completely.

8



Remove the factory rubber grommets from the stock airbox, set them aside for reinstall. Note: If you do not see these grommets on the airbox, they may be in the frame rail.



9



Pull up on the hose clip to release the fuel line from the intake pipe, safely set fuel line outside the clip.

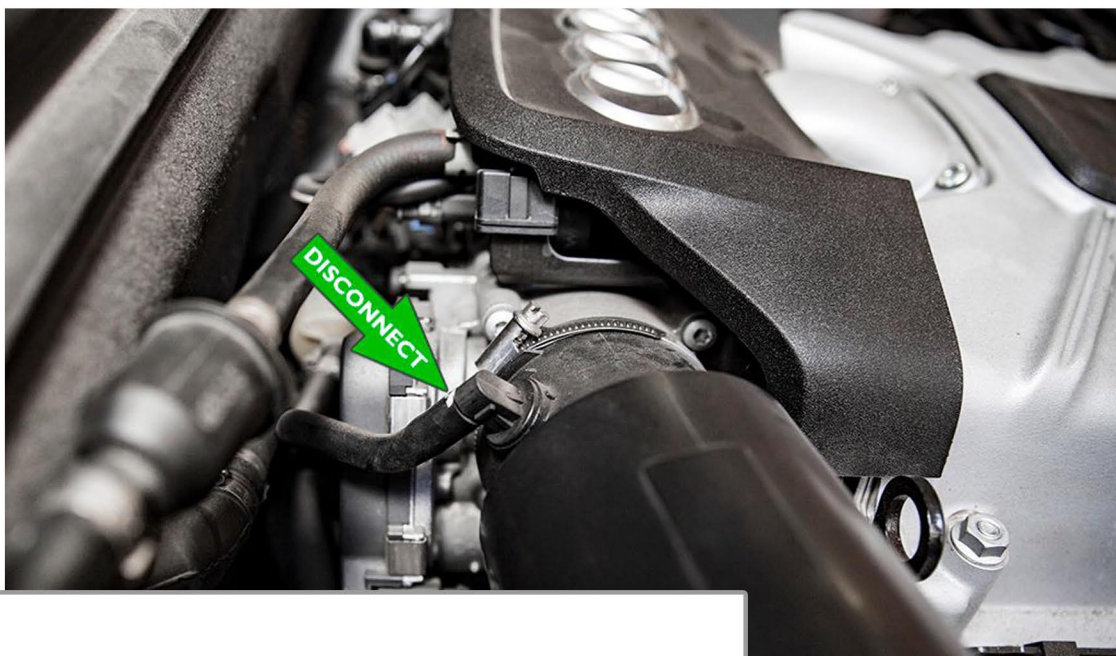
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Carefully pull to release the EVAP line from the rear of the intake pipe.

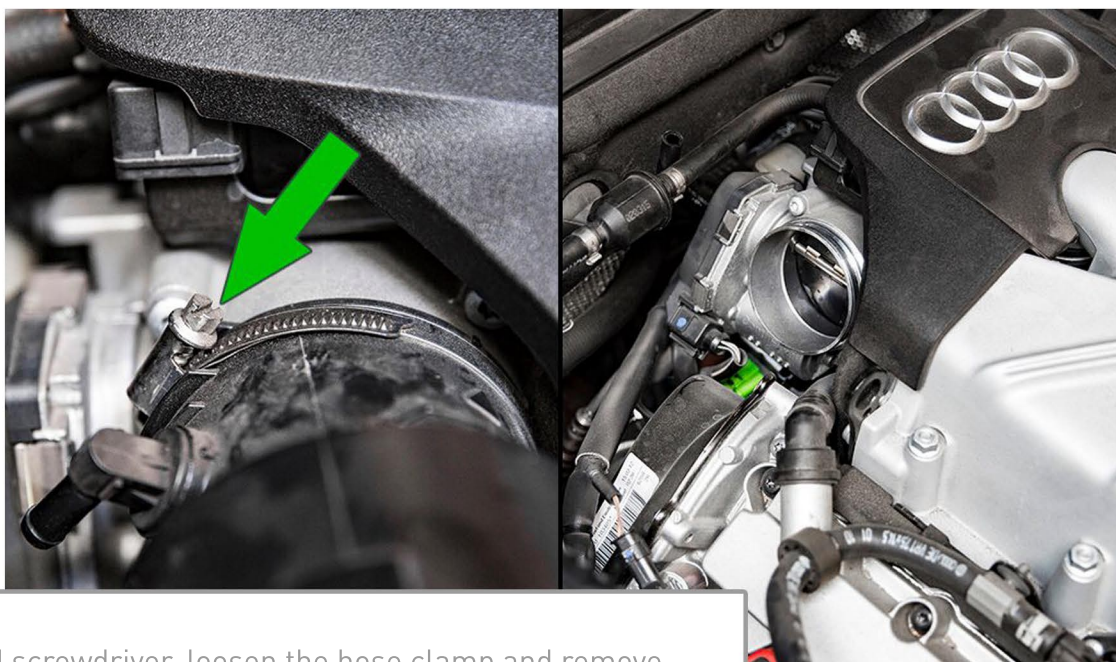


11



Disconnect the vacuum line from the intake pipe by carefully pulling it off the barb fitting.

12



Using a flat head screwdriver, loosen the hose clamp and remove the stock intake pipe from the vehicle.

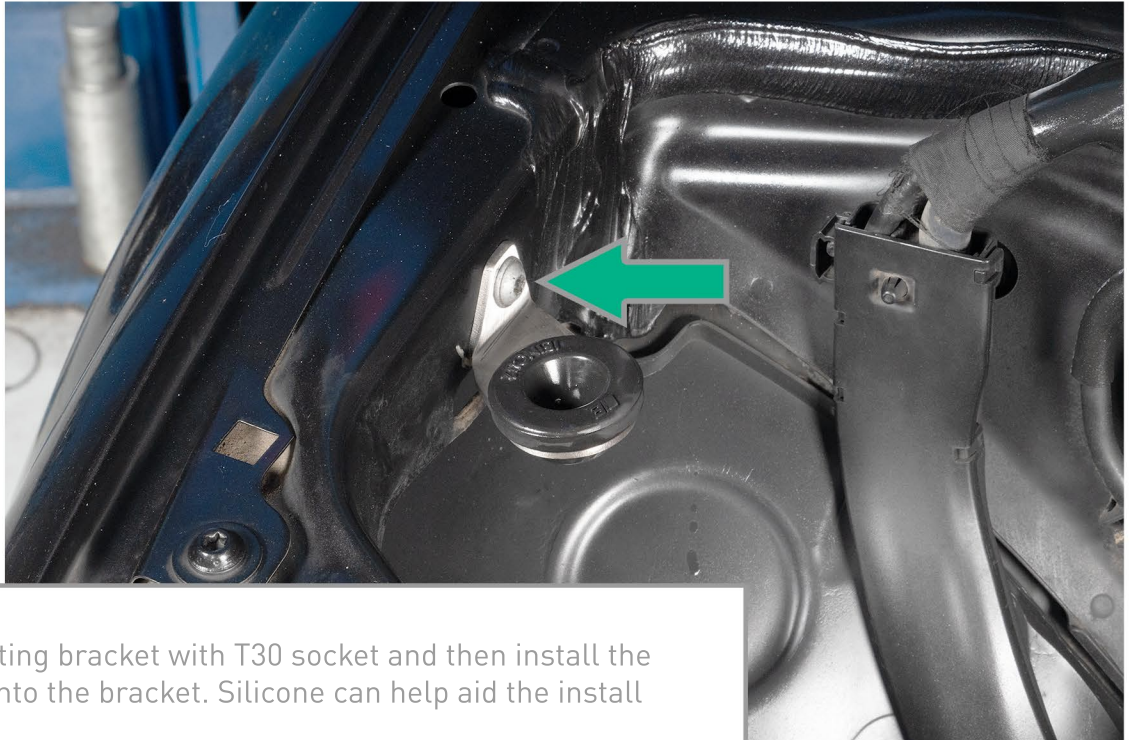


13



Now is the time when if you have purchased the optional IE Throttle Body Upgrade, you can install it. Refer to the IEINCG3A product page at PerformancebyIE.com for install instructions.

14



Install the mounting bracket with T30 socket and then install the rubber isolator into the bracket. Silicone can help aid the install



15



Install two small mounting tabs on the bottom of the intake using 4mm Allen socket. Hand tighten. Overtightening may result in removing the mounting nut.

16



Install longer mounting tab onto the upper location also using a 4mm socket



17



Install vacuum barb into vacuum hose located behind the throttle body.

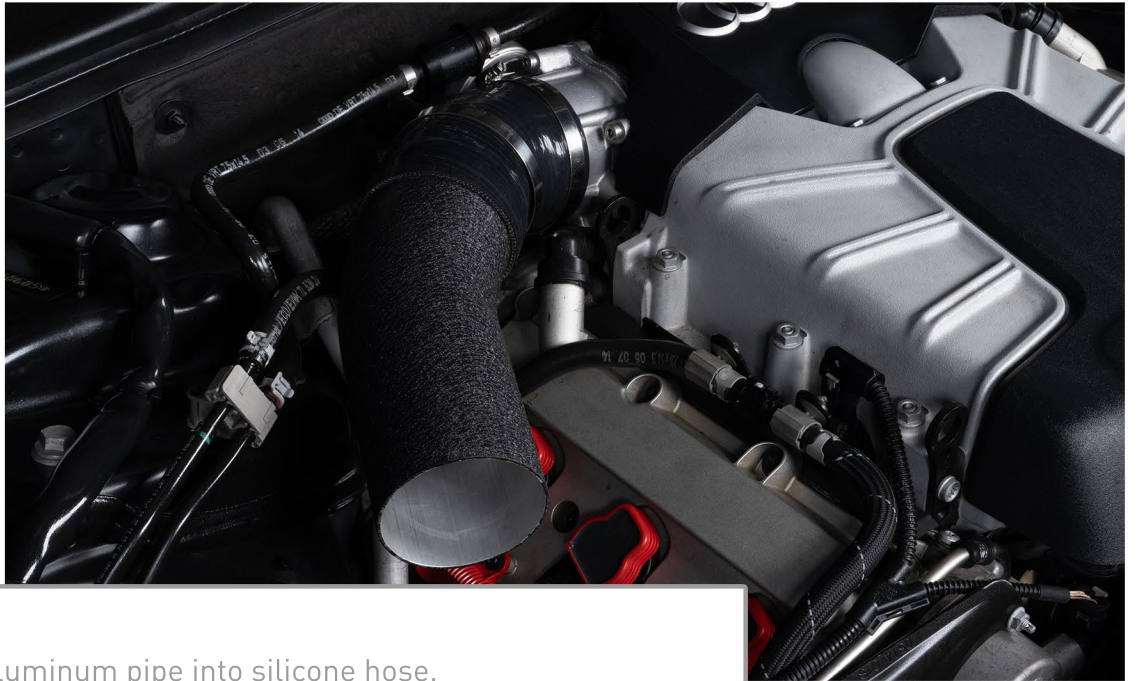
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Loosely install silicone hose to the manifold and plug the vacuum barb into place.



19



Loosely install aluminum pipe into silicone hose.

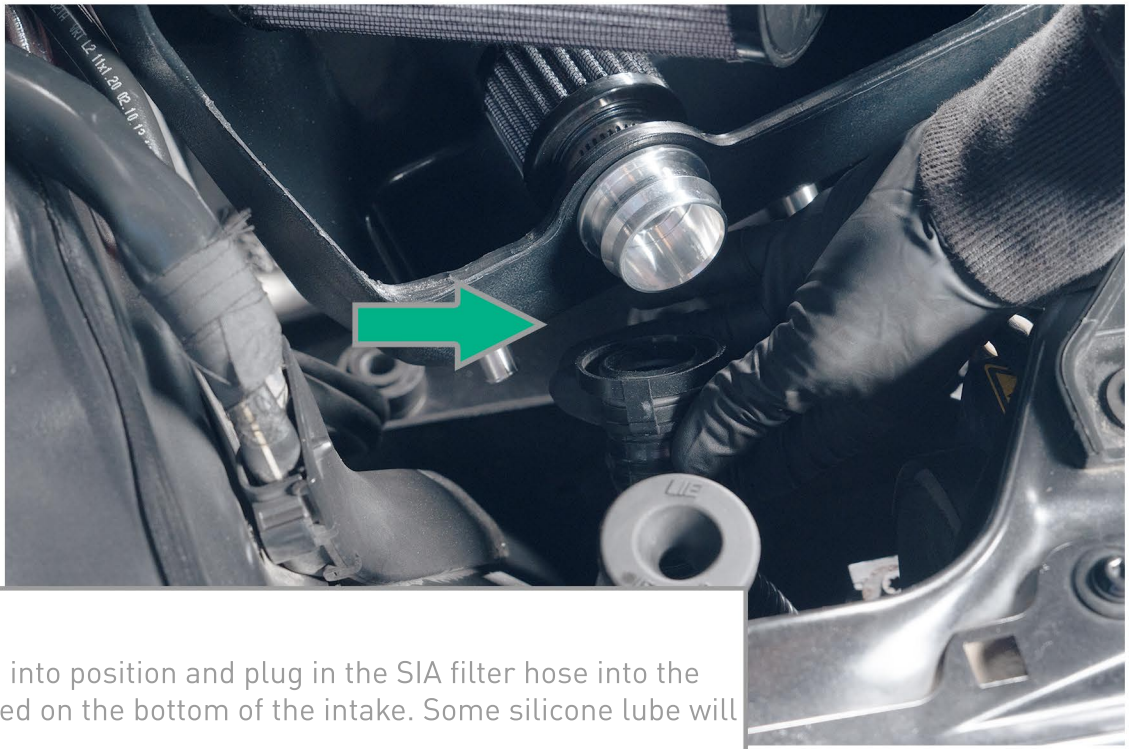
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Loosely install the silicone coupler onto intake



21



Lower the intake into position and plug in the SIA filter hose into the small filter located on the bottom of the intake. Some silicone lube will help with install.

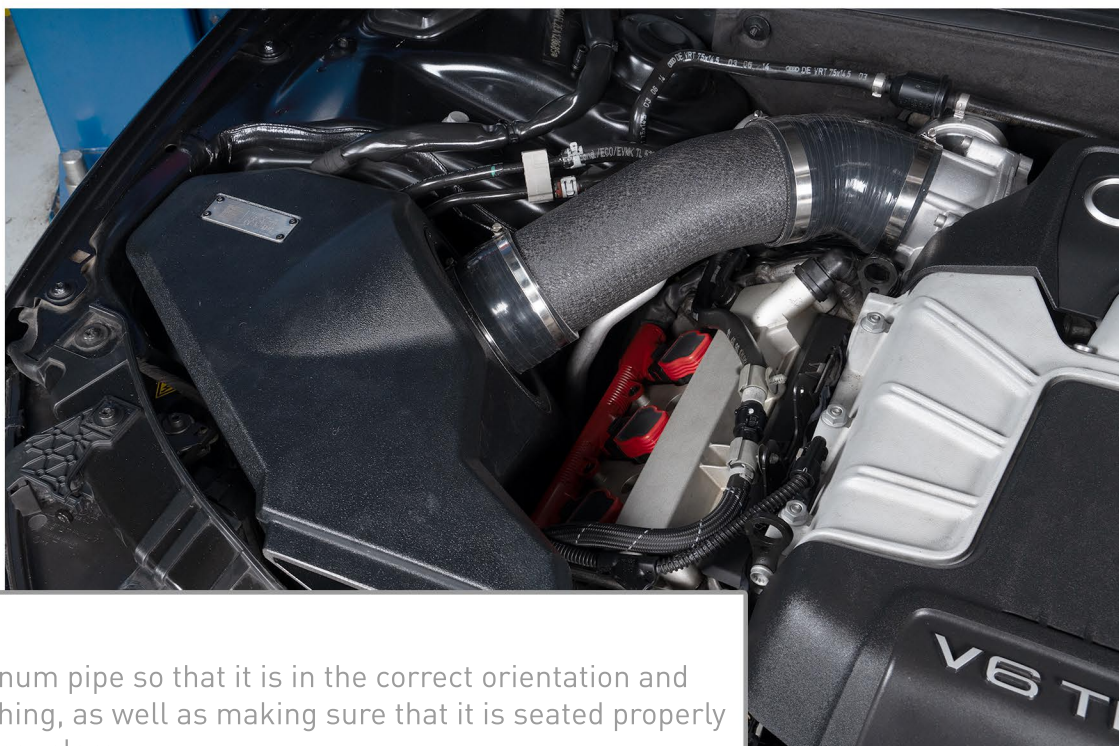
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Press the intake down into the three rubber isolators. The bottom two will have to be done with feel since they aren't very visible.



23



Adjust the aluminum pipe so that it is in the correct orientation and not rubbing anything, as well as making sure that it is seated properly into the silicone couplers.

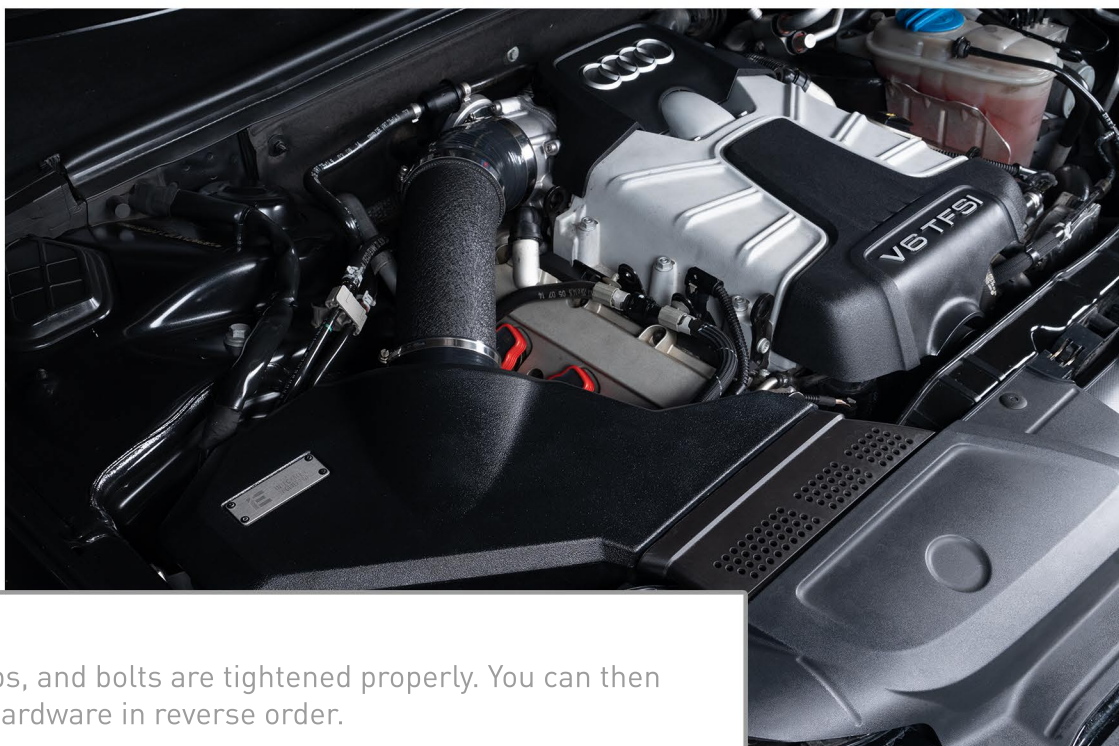
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Reinstall OEM Snorkle onto the radiator support.

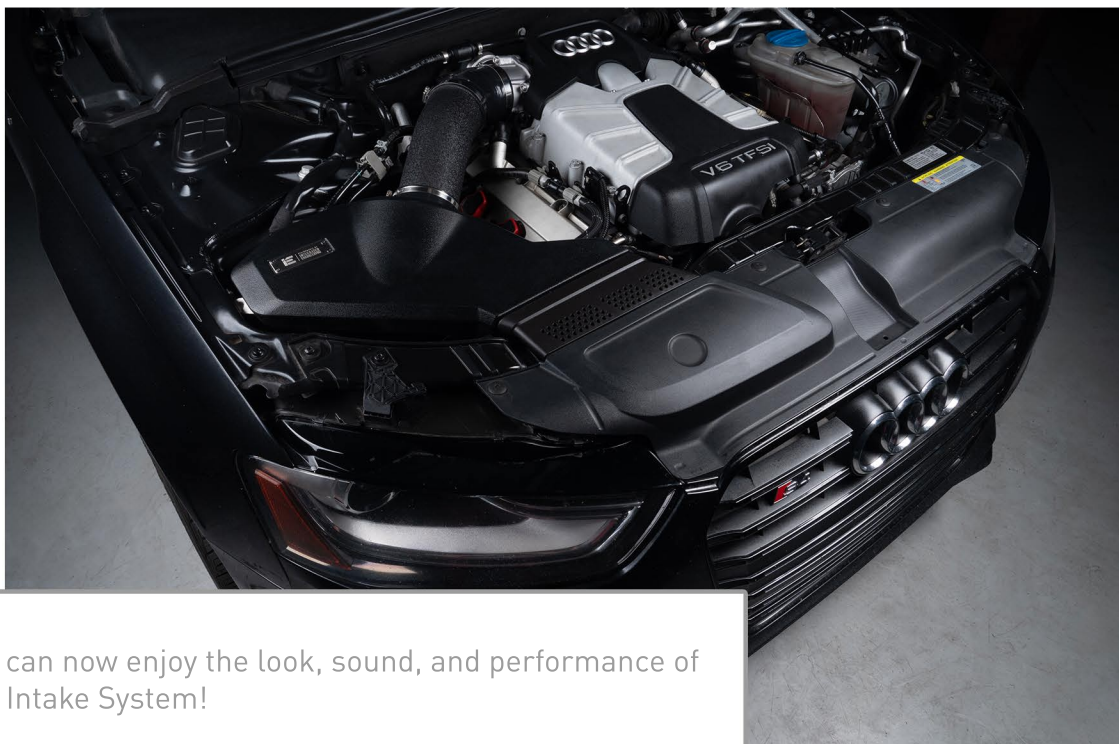


25



Ensure all clamps, and bolts are tightened properly. You can then reinstall all OE hardware in reverse order.

26



You're done! You can now enjoy the look, sound, and performance of your new IE Poly Intake System!



ENJOY!

Thank you for purchasing an Integrated Engineering product. We are dedicated to serving your performance needs. Please check our website frequently for new product releases. If you have any questions or concerns about this product please do not hesitate to contact us.



HOW WAS YOUR INSTALL?



Stoked?

Awesome! Please leave a review.
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Bummed?

Sorry, let us make it right.
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