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ENGINEERING**

Integrated Engineering's B8/8R SQ5 & Q5 3.0T Throttle Body Upgrade Kit Install Guide
IE Part Numbers: IEINSG2

Thank you for purchasing another high quality Integrated Engineering product! This instruction guide is used for installation of Integrated Engineering's Audi SQ5 & Q5 3.0T Throttle Body Upgrade Kit compatible with the Audi 3.0TFSI supercharged engine. This kit needs to be installed by a professional or an experienced technician. Integrated Engineering is not responsible for any damage caused by incorrect installation.

This throttle body upgrade is only compatible with an IE intake, and can not be used with the OEM intake system. Refer to performancebyie.com for other requirements.



Open your IE Throttle Body Upgrade Kit, inspect all components, and verify quantities.

IEINSG2 Kit Contents:

- (1) 80MM Throttle Body
- (1) Throttle Body Adapter Harness
- (1) Throttle Body Adapter Castings
- (1) 70MM Gasket
- (1) 80MM Gasket
- (1) Silicone Adapter
- (1) Silicone Vacuum Hose
- (2) 3 1/8" to 4" Hose Clamp
- (1) 90 Degree Elbow
- (1) Plastic Barbed Tube Fittings
- (2) Nylon Cable Ties
- (4) M6 Head Cap Screws
- (4) M6 head Cap Screws 50MM Length

Required Tools:

- Flat Head Screwdriver
- 6MM Allen
- T30 Torx Bit

Park your car on a level surface and apply the parking brake. Gain access to the engine bay by opening the hood, making sure it is securely propped open.



Remove upper engine cover by pulling straight up



Remove sound damper



Remove throttle body pipe hose clamp with a flathead



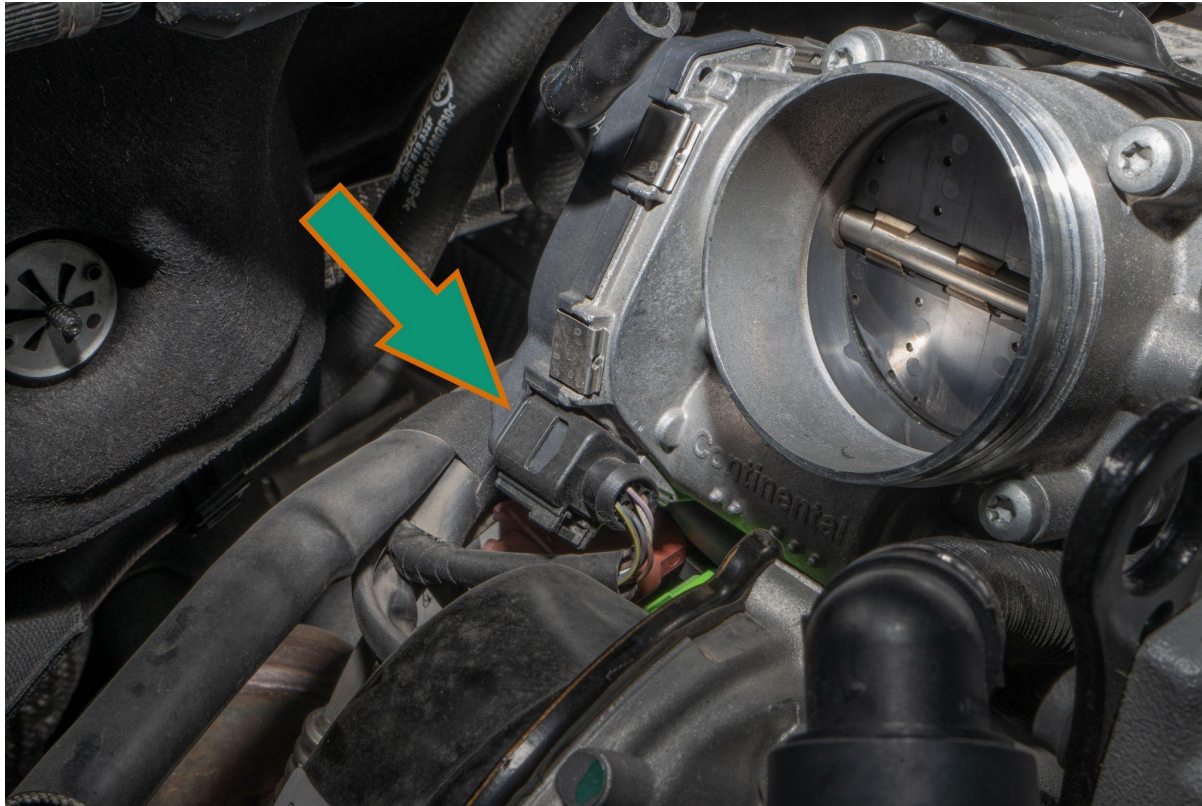
Remove vacuum line on the back side of the throttle body



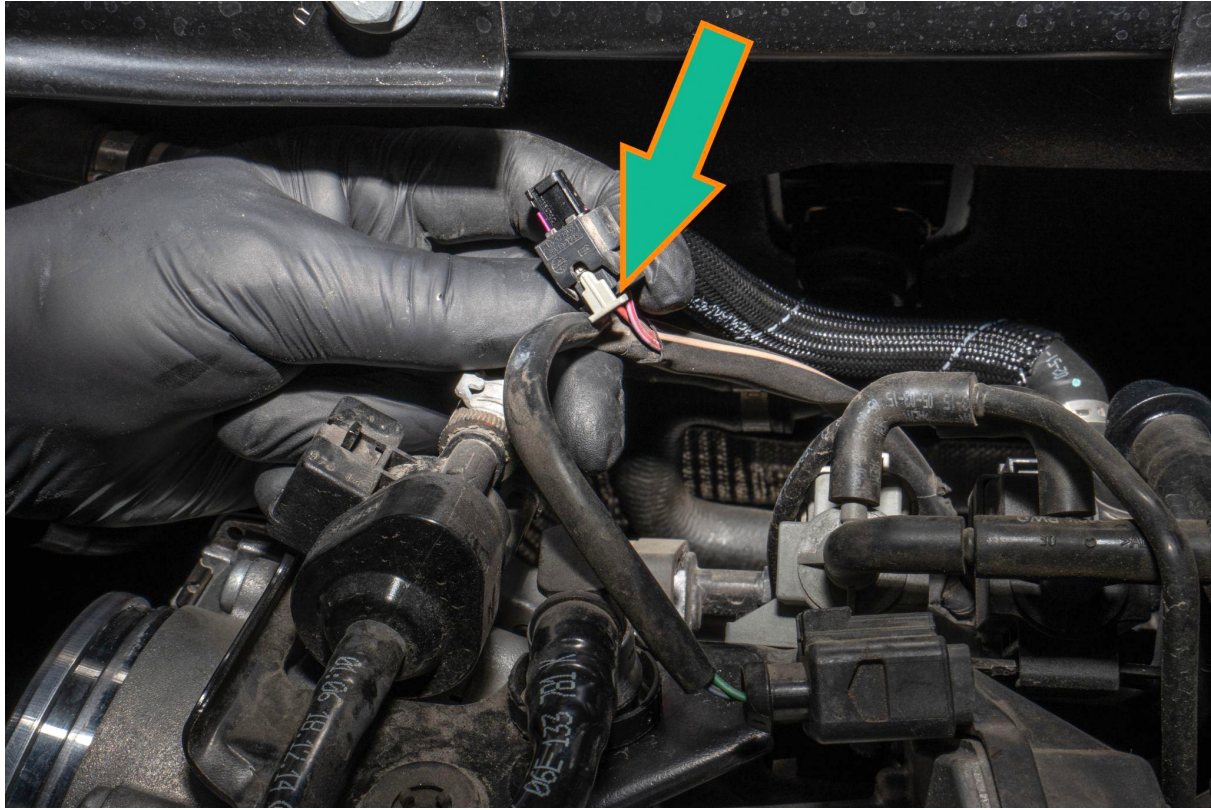
Remove throttle body pipe from throttle body and air box



Press the throttle body wiring harness connector and remove



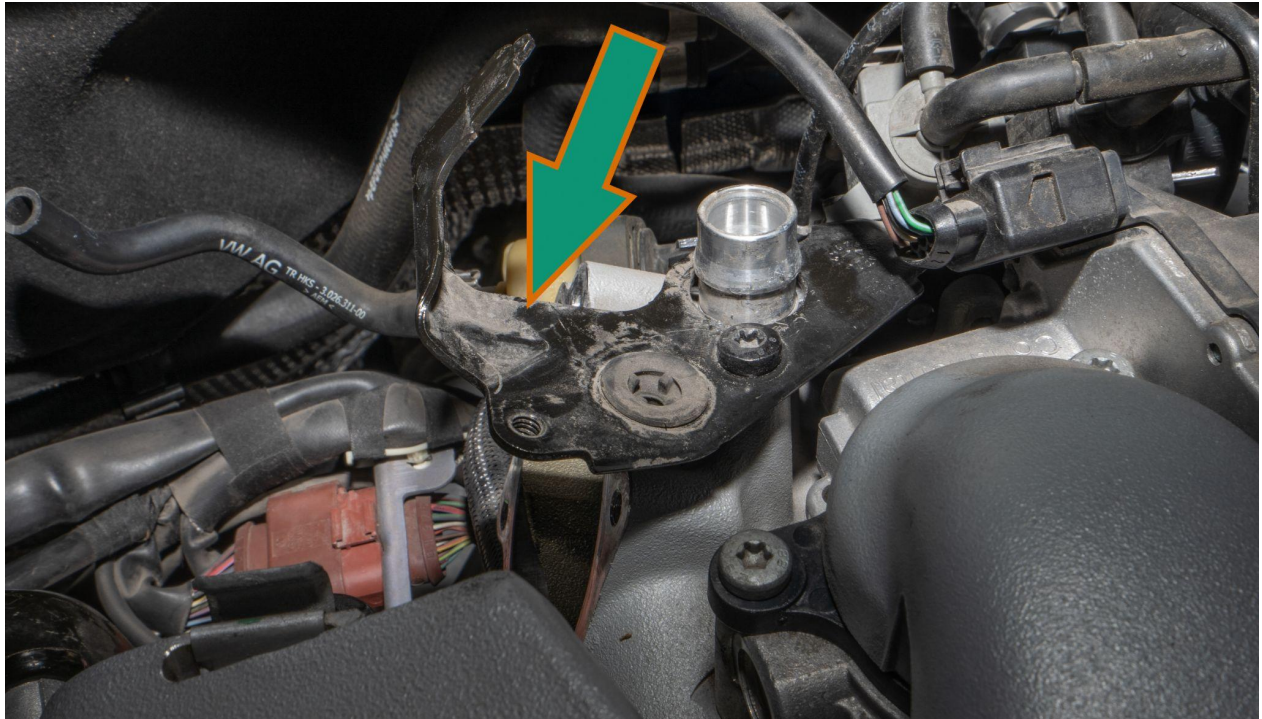
Release connector lock and remove it from the purge valve



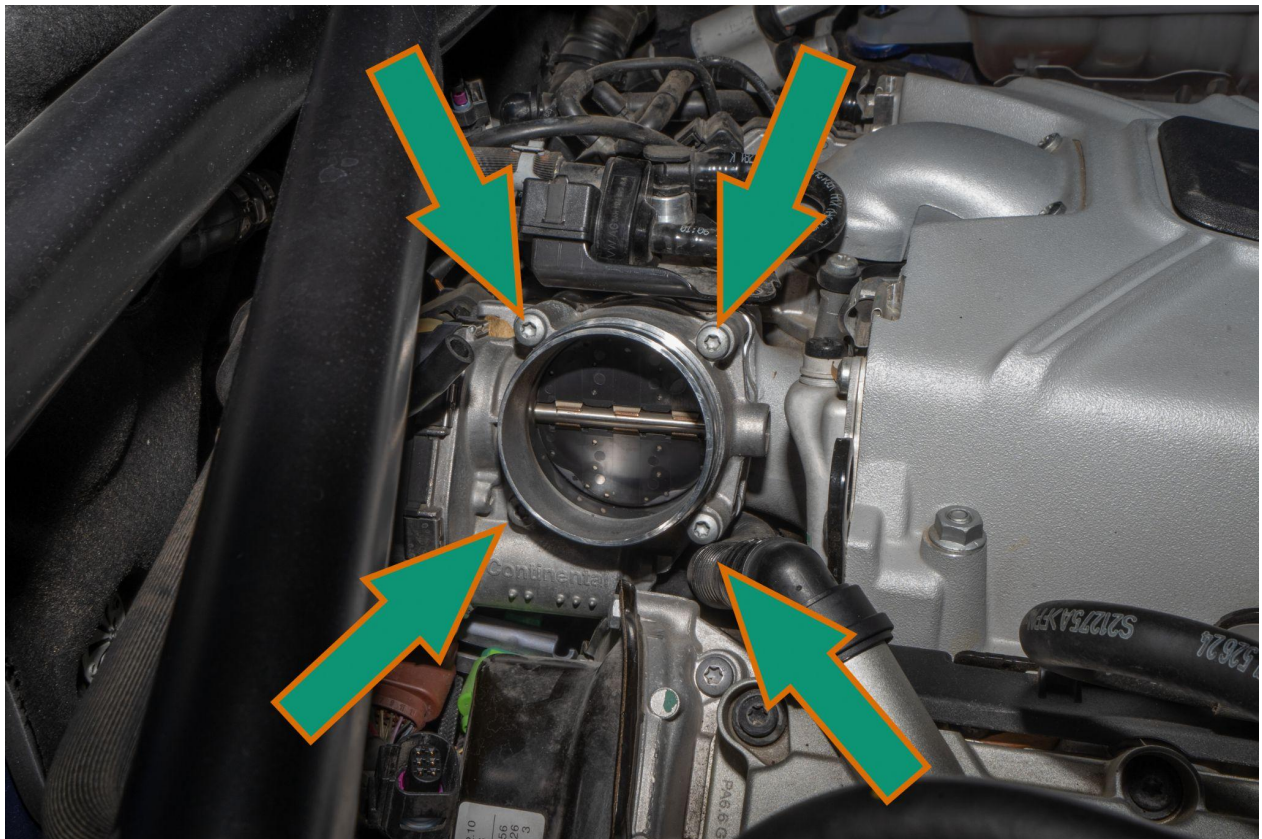
Remove purge valve to supercharger hose by pressing and releasing tabs on the side



Bend evap purge valve bracket up



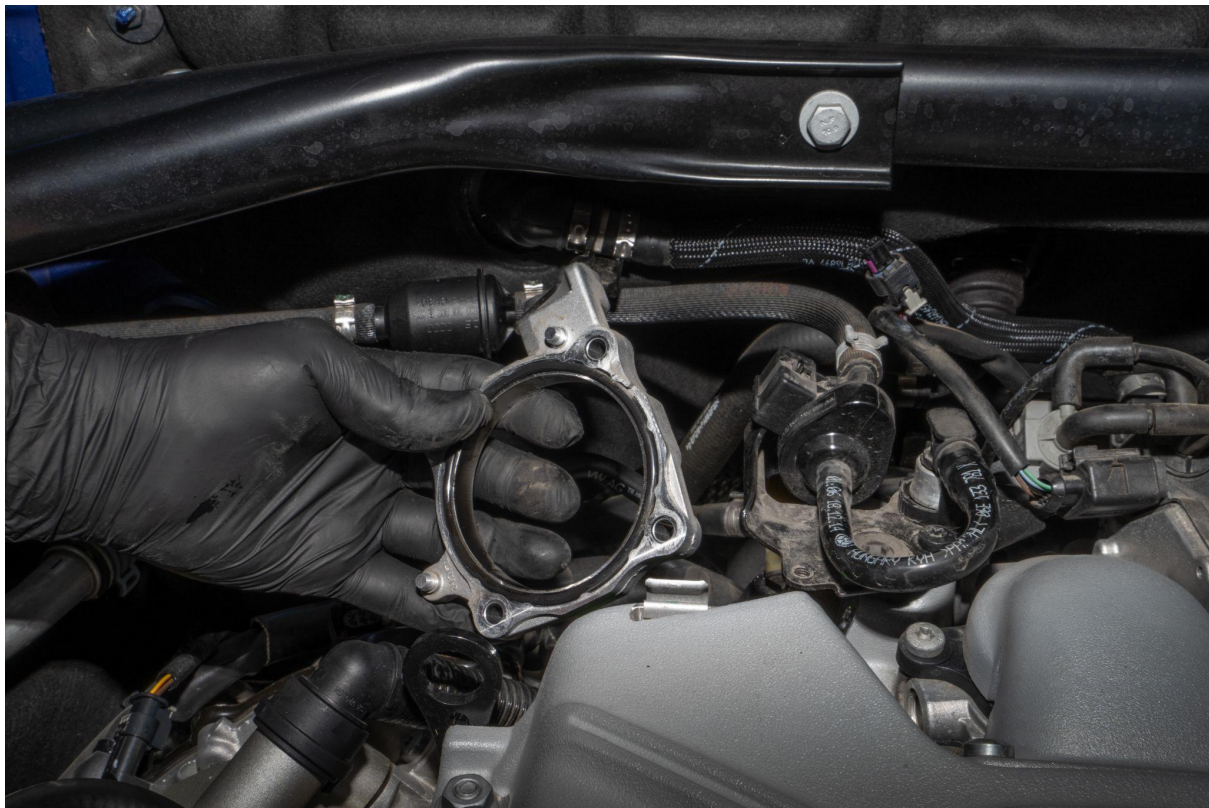
Remove 4 torx 30s from throttle body



Remove throttle body



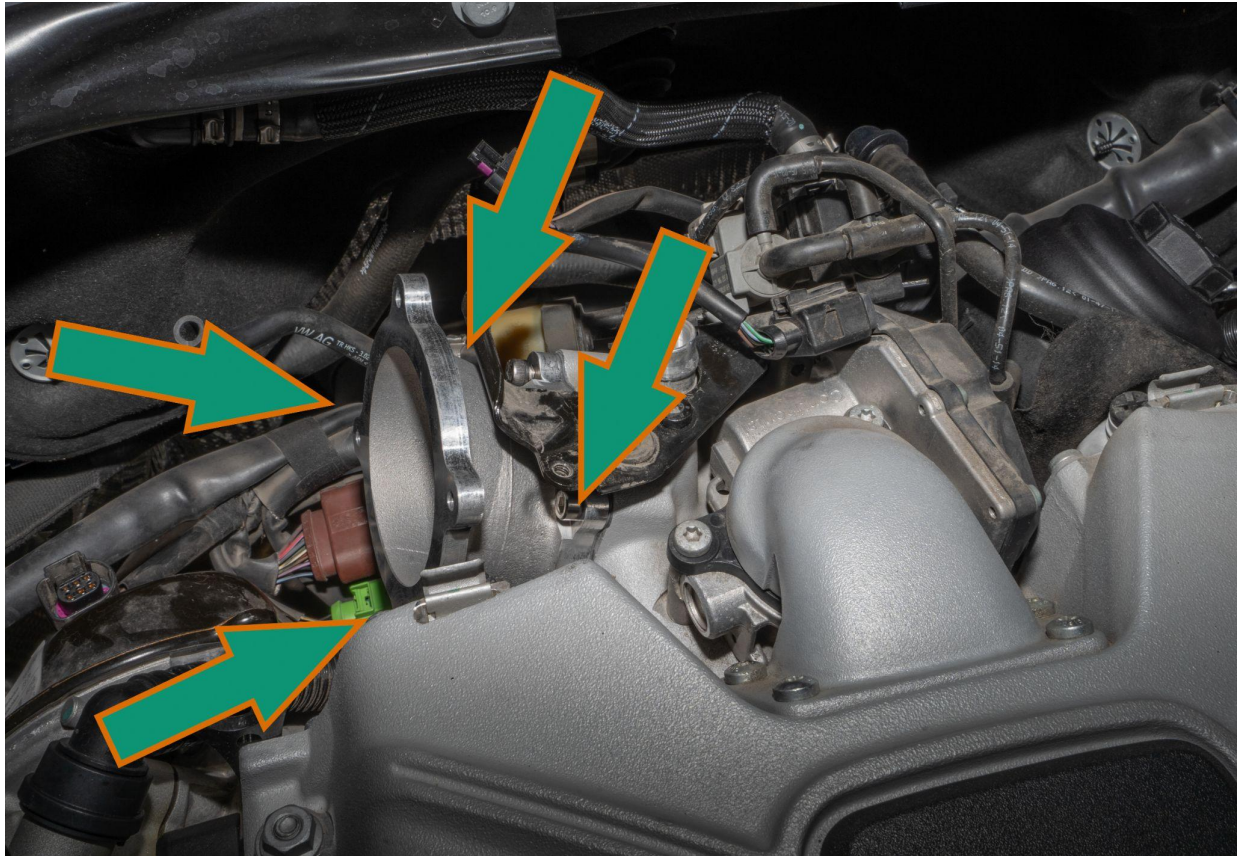
Remove throttle body spacer



Place gasket onto throttle body spacer and install for 5mm Allen bolts in throttle body adapter



Install throttle body spacer and tighten the four 5mm Allen bolts

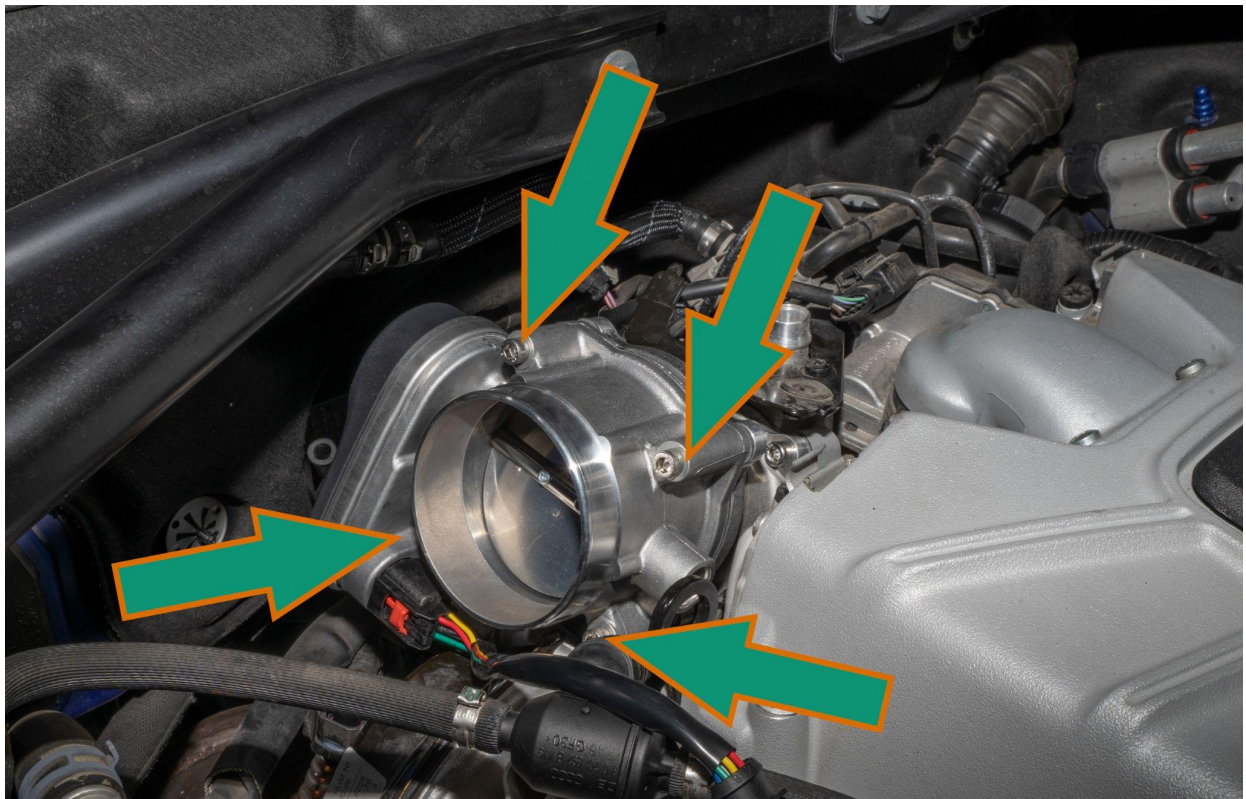


Place throttle body gasket on throttle body, and install four 5mm Allen bolts





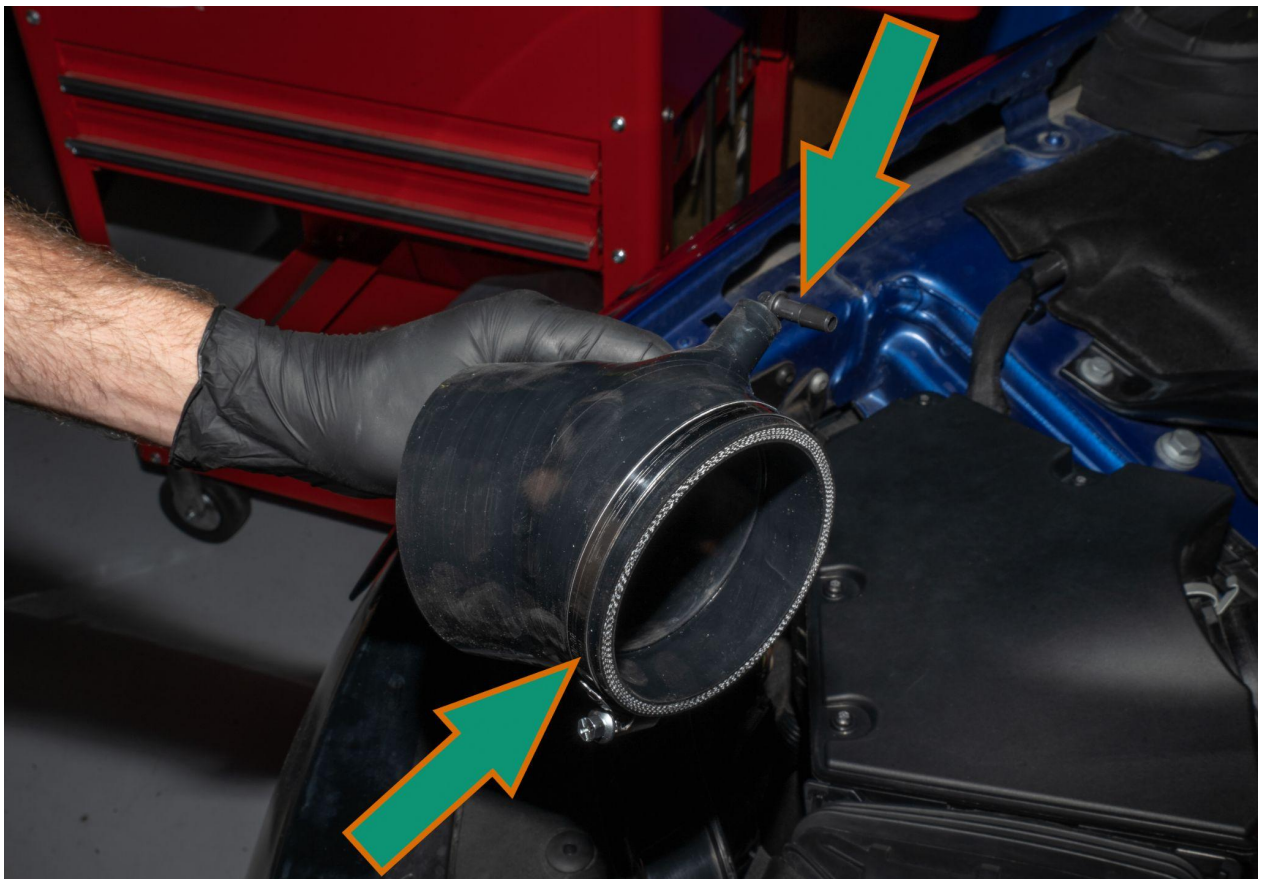
Install throttle body and tighten four 5mm Allen bolts



Connect throttle body wiring harness



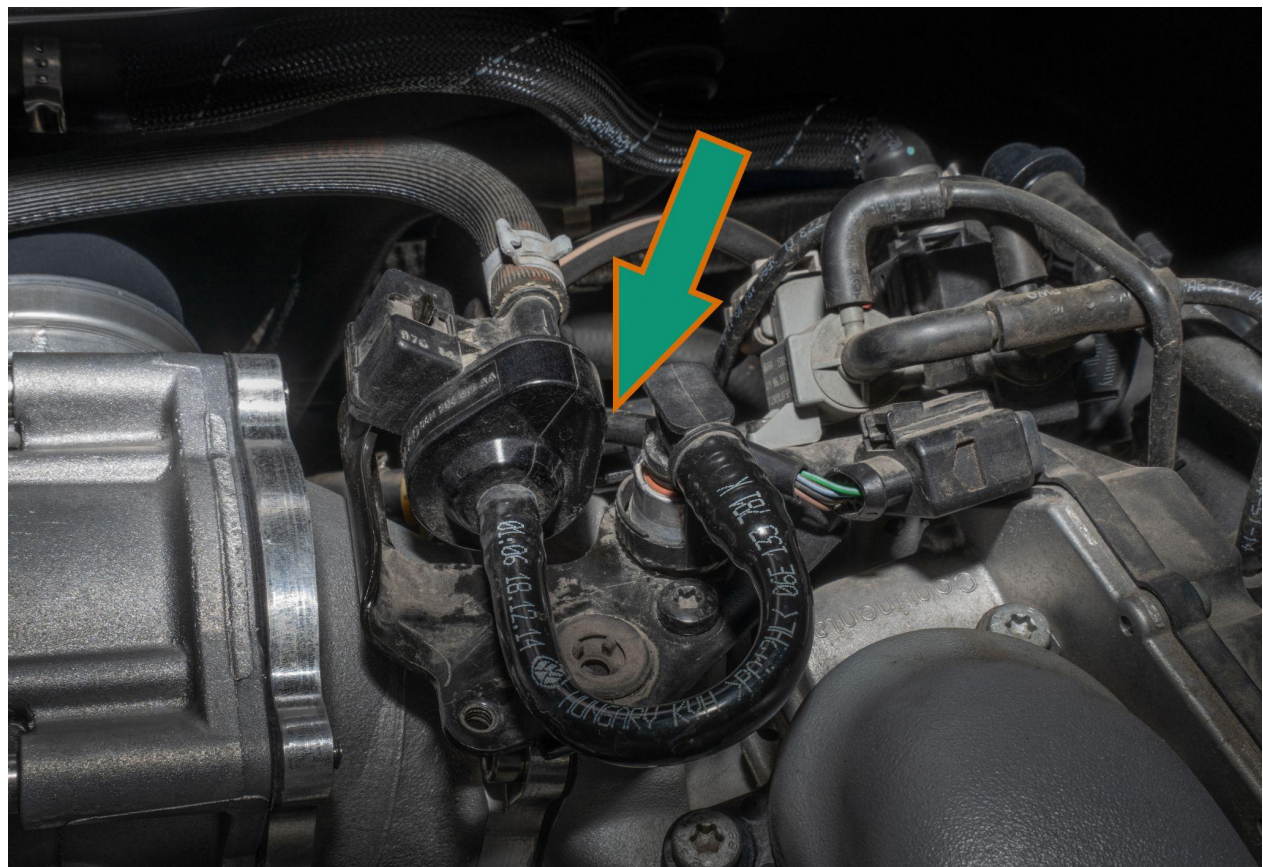
Install vacuum nipple and hose clamp onto silicone coupler



Install silicone coupler and tighten hose clamp



Reconnect evap purge valve and install connector



Finalize the installation by then installing or reinstalling either the IE Performance Intake System, or another compatible Intake. Then use your IE Powerlink and Flash Wizard to flash the required software.



Enjoy the performance, looks, and the sound of your new IE Throttle Body!



Thank you for purchasing another Integrated Engineering product. We are dedicated to serving your VW/Audi engine and 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.

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Integrated Engineering
801.484.2021
sales@performancebyie.com
www.performancebyie.com