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**INTEGRATED  
ENGINEERING**

**Integrated Engineering's Volkswagen 2.0T Tiguan Intake Install Guide**  
**IE Part Numbers: IEINCW1**

Thank you for purchasing another high quality Integrated Engineering product! This instruction guide is used for installation of Integrated Engineering's Volkswagen Tiguan Intake compatible with the VW 2.0T 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.



*Open your IE Cold Air Intake Kit, inspect all components, and verify quantities.*

**IEINCW1 Kit Contents:**

- (8) M6 10mm Button head screws
- (8) M6 Washers
- (1) 90 Degree Nylon Barbed Tube Elbow
- (1) 3 $\frac{1}{8}$ " to 4" Worm Drive Clamp
- (3) 2  $\frac{3}{8}$ " to 3  $\frac{1}{8}$ " Worm Drive Clamps
- (1) 1 to 1  $\frac{5}{8}$ " Worm Drive Clamp
- (2) Rubber Grommets
- (2) M6 14mm Button Head Screws
- (2) Custom Moulded IE Intake Grommets
- (2) Rubber Vacuum Caps
- (2) Tight-Seal Bolt Clamps for soft hose
- (2) L-Shaped Mount Brackets
- (2) Intake Mount Bracket Grommet Sleeves
- Silicone Hose (Inlet to MAF)
- Silicone Hose (MAF to Bellmouth)
- Billet SIA Adapter
- Heat Shield Part A
- Heat Shield Part B
- Silicone Coolant Line
- Bulb Trim Seal
- IE Air Filter

**Required Tools:**

- T25 Torx Screwdriver/Socket
- Socket Wrench
- Socket Extension
- Flat head screwdriver
- Pliers
- 4mm allen key



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 the Vanity Cover by pulling straight up.



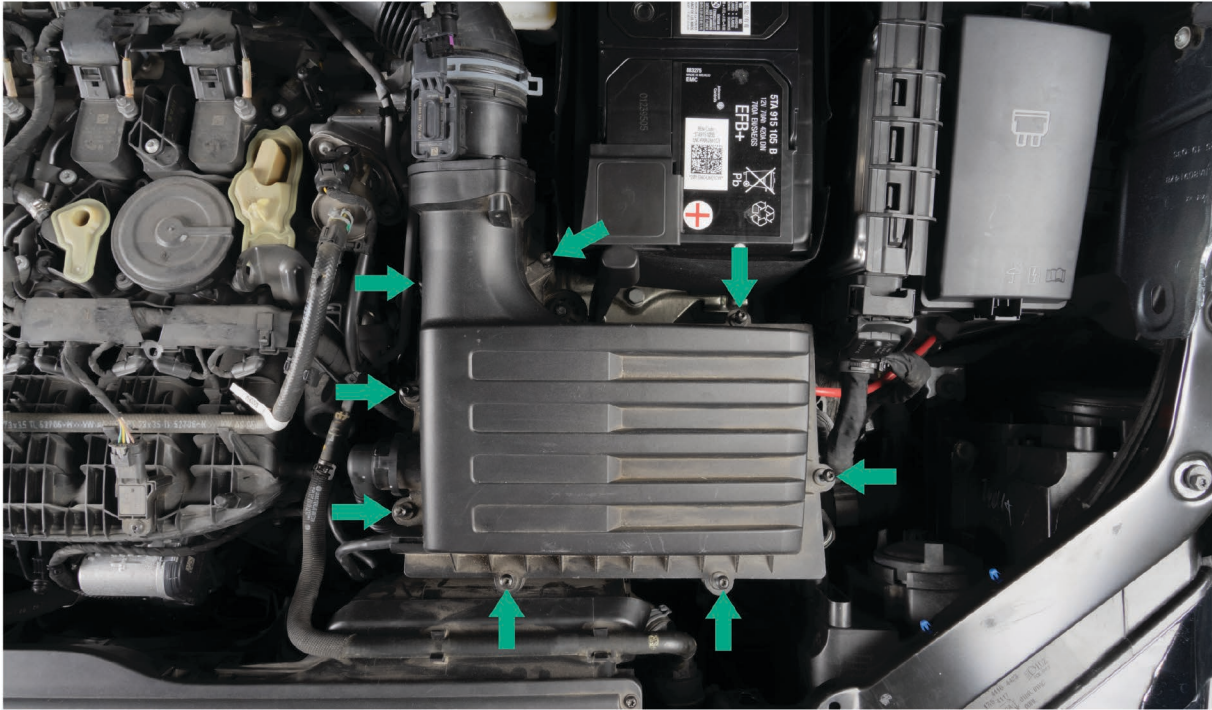


Remove MAF Connector by pushing back gray securing lock with flat head screwdriver, and then squeezing down on securing lock.





Use T25 Torx to remove 8 screws that secure the Airbox top lid



Remove Rubber Vacuum hose from Airbox.





Remove the secondary air hose by pinching on both sides and pulling away from the airbox.



Use a 7mm socket or flat head screwdriver to remove the turbo inlet pipe clamp.





Lift upper air box assembly up and out of the engine bay.



Remove two T25 Torx from the Airbox Scoop Cover.





Remove the Airbox Scoop Cover from the engine bay.

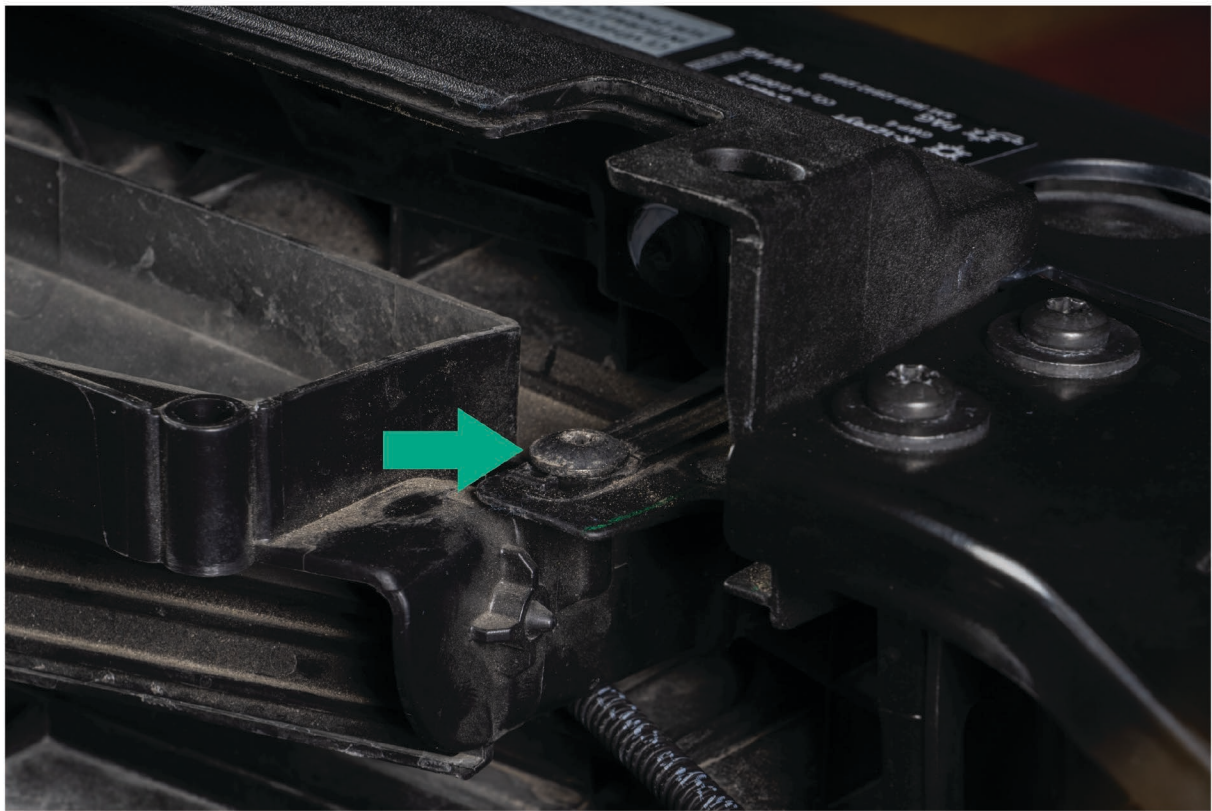
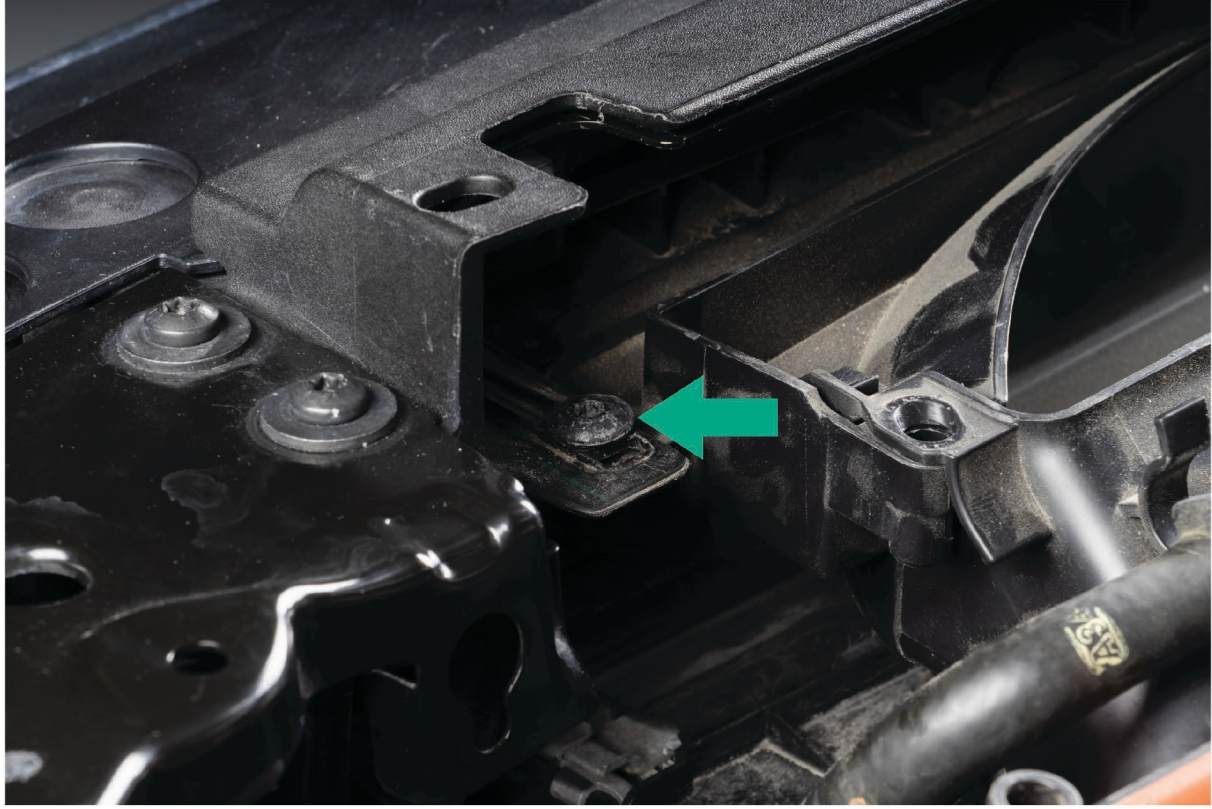


Remove coolant hose from retainer guides.



Remove two T25 screws from the Airbox scoop.







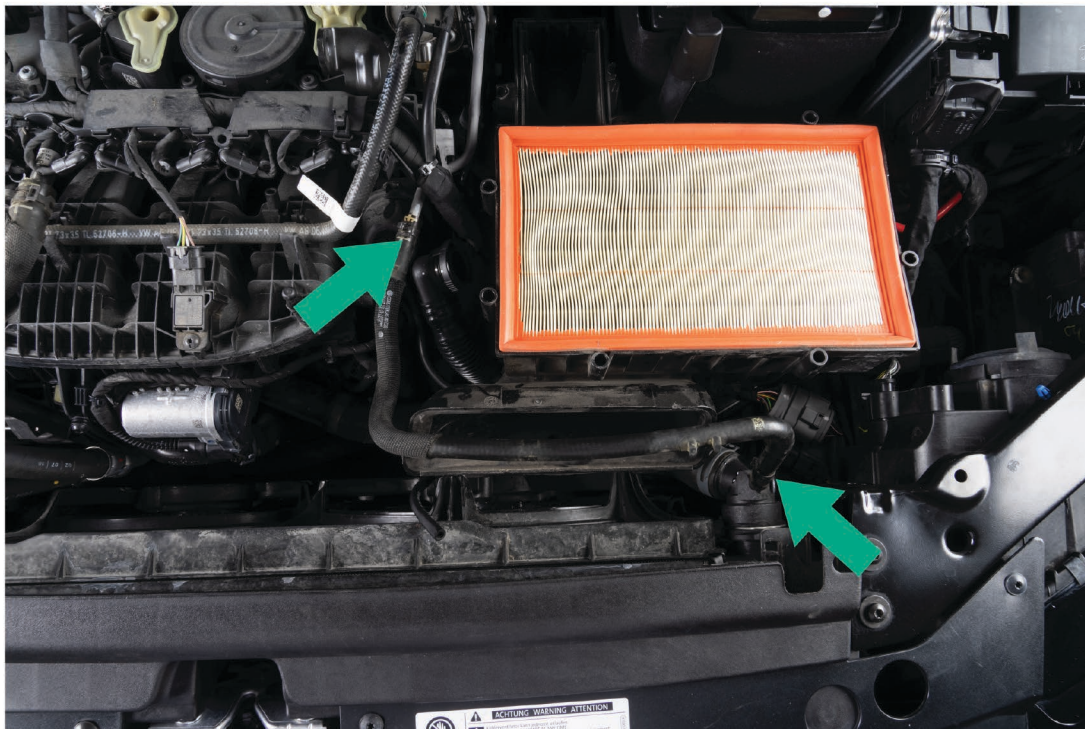
Use fingers to slightly pull up on Airbox scoop retainer tabs, then remove airbox scoop from engine bay.





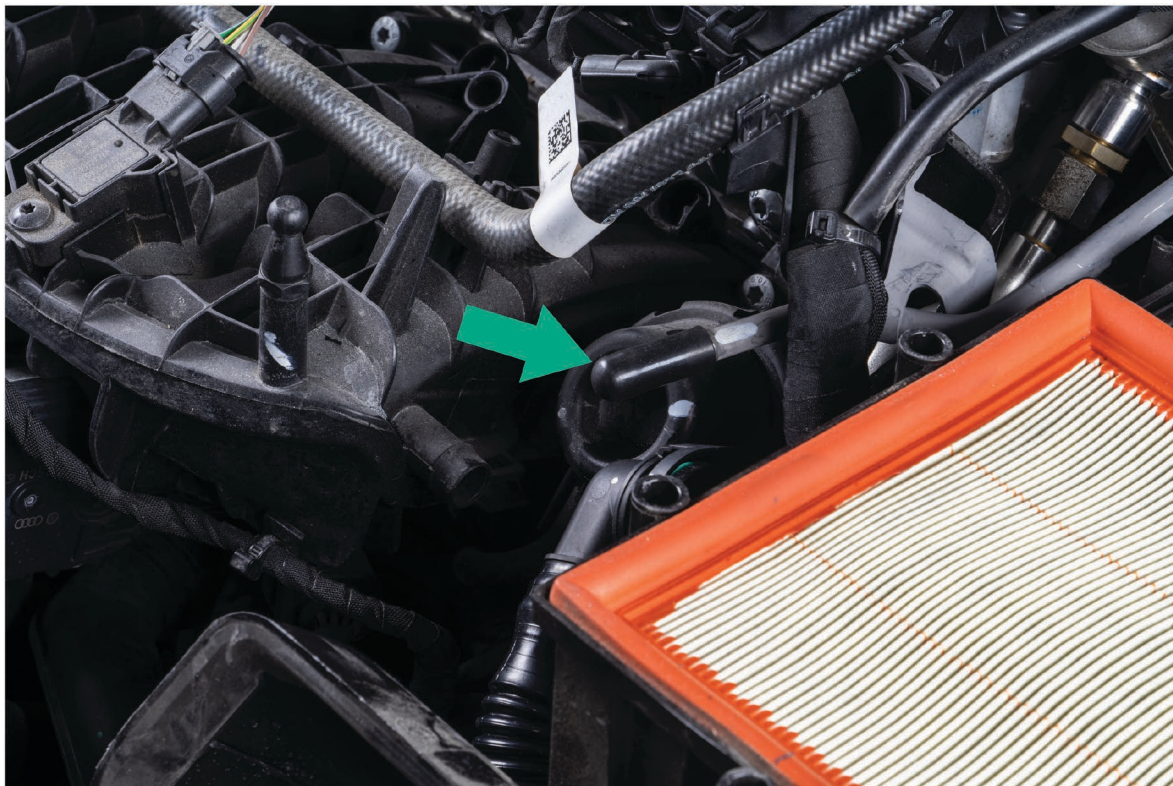


Using pliers, slide back two coolant hose clamps. Do not remove coolant lines yet.





Before removing coolant line, ensure that the coolant has cooled, then remove coolant hose and install supplied vacuum caps on coolant hose barbs to prevent excess coolant from leaking.

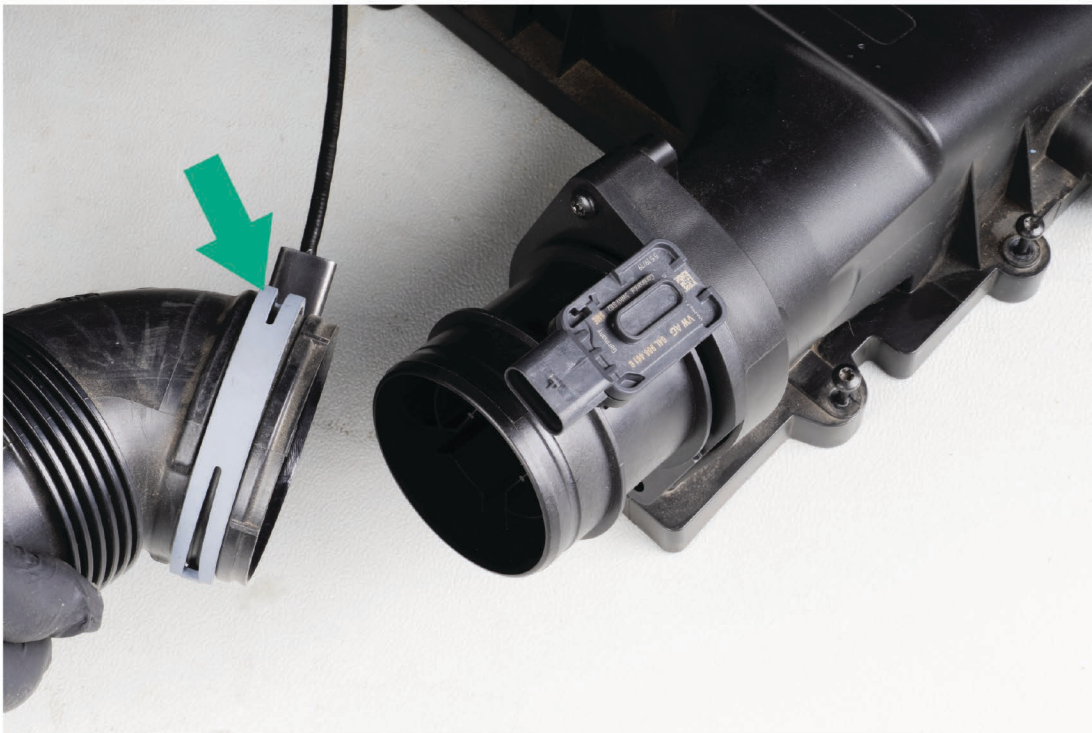




Lift the lower portion of the airbox out of the engine bay by gently pulling straight up.

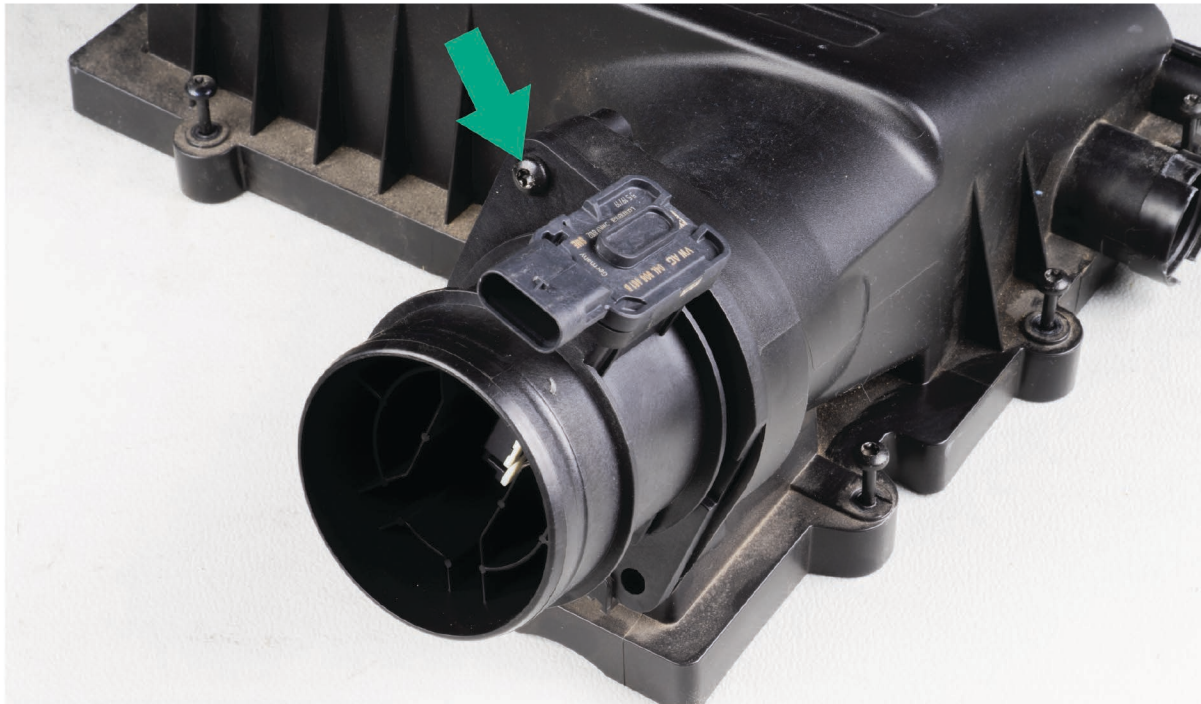


Use pliers to squeeze the hose clamp and remove the hose from the MAF sensor.





Remove T25 Torx from MAF and twist counter clockwise to remove.



Install the 25-40 hose clamp, then insert the secondary air hose barb into the silicon hose, and tighten the clamp.

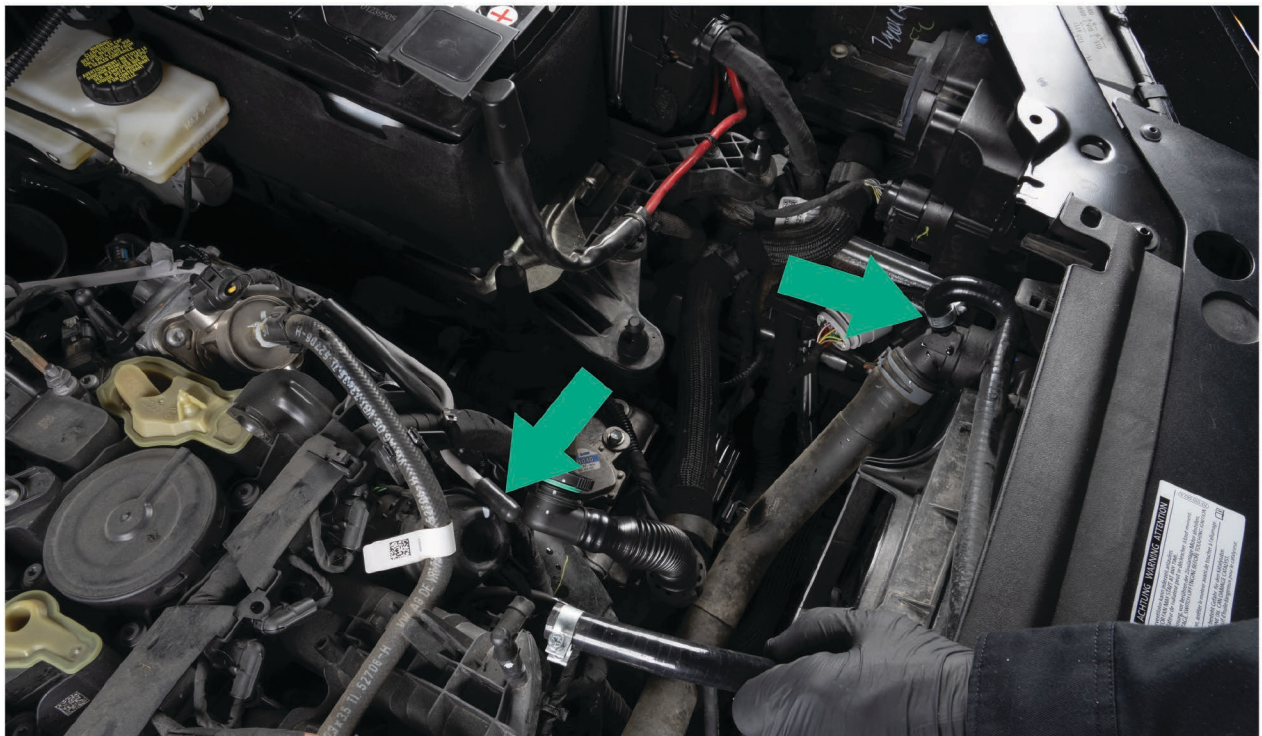




Install the vacuum fitting into the silicon hose.



Remove Vacuum caps and install silicone coolant hose then use a 7mm socket or screwdriver to tighten hose clamps.

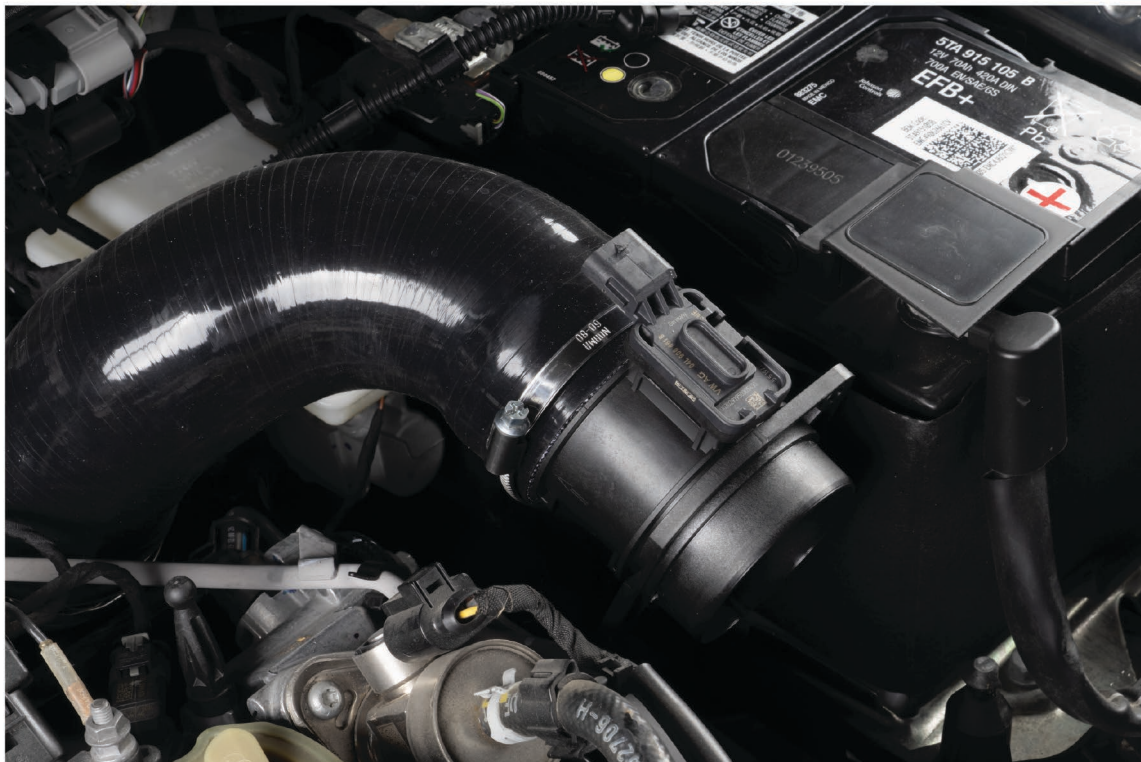




Loosely Install factory 60-80 hose clamp around turbo inlet silicone hose, then install on turbo inlet.

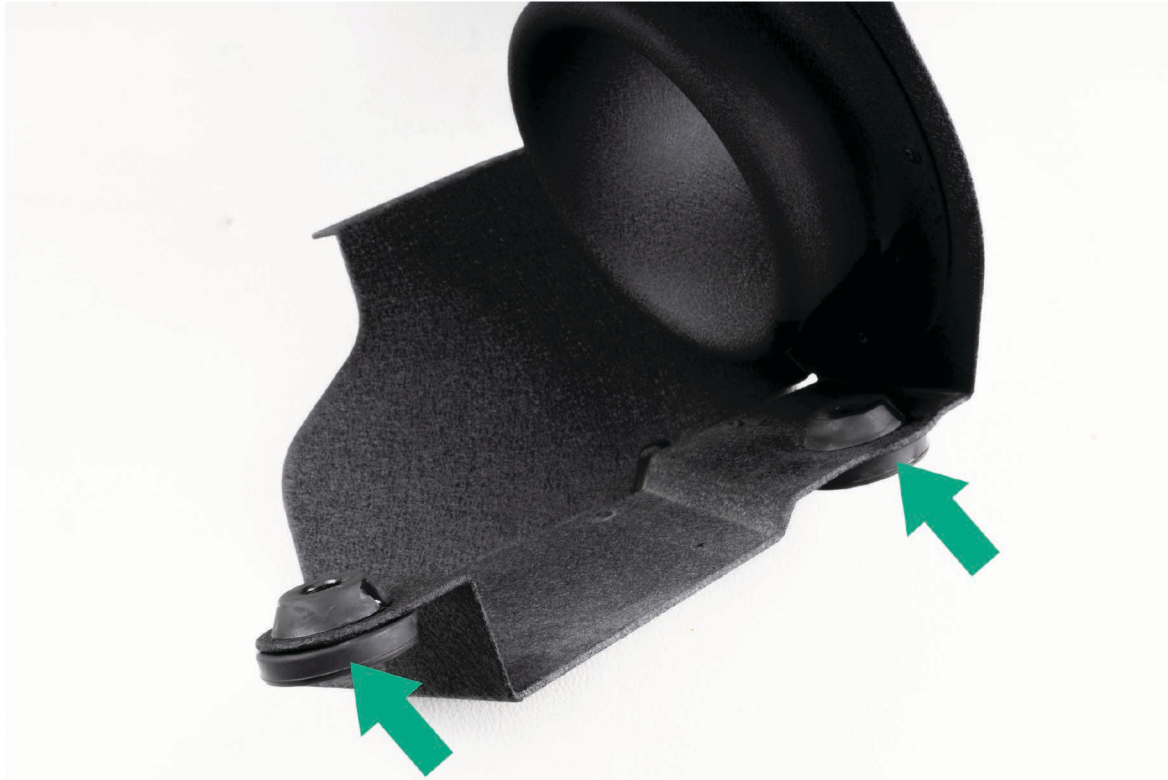


Install 60-80 hose clamp on MAF side of inlet hose, then insert MAF sensor into silicon hose. Pay special attention to the direction of airflow on the MAF sensor.

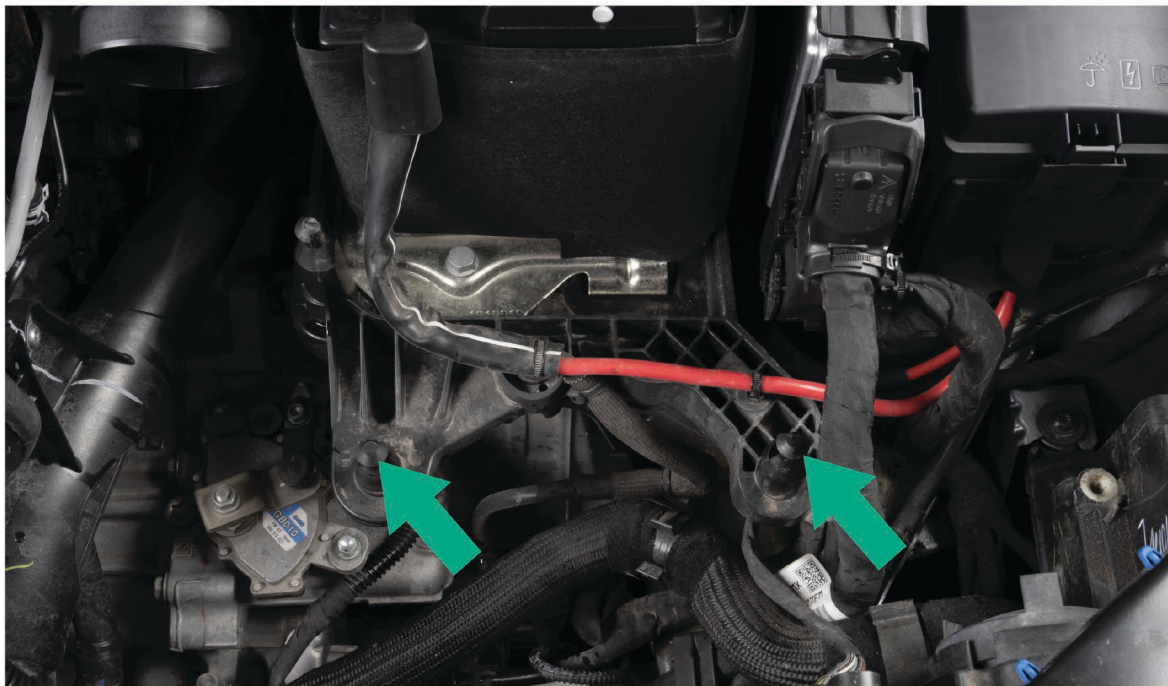




Install 2 supplied rubber grommets at the bottom of the heat shield.



Locate 2 alignment tabs and install the filter portion of the heat shield by pressing grommets onto tabs. Some lubrication can make this easier.





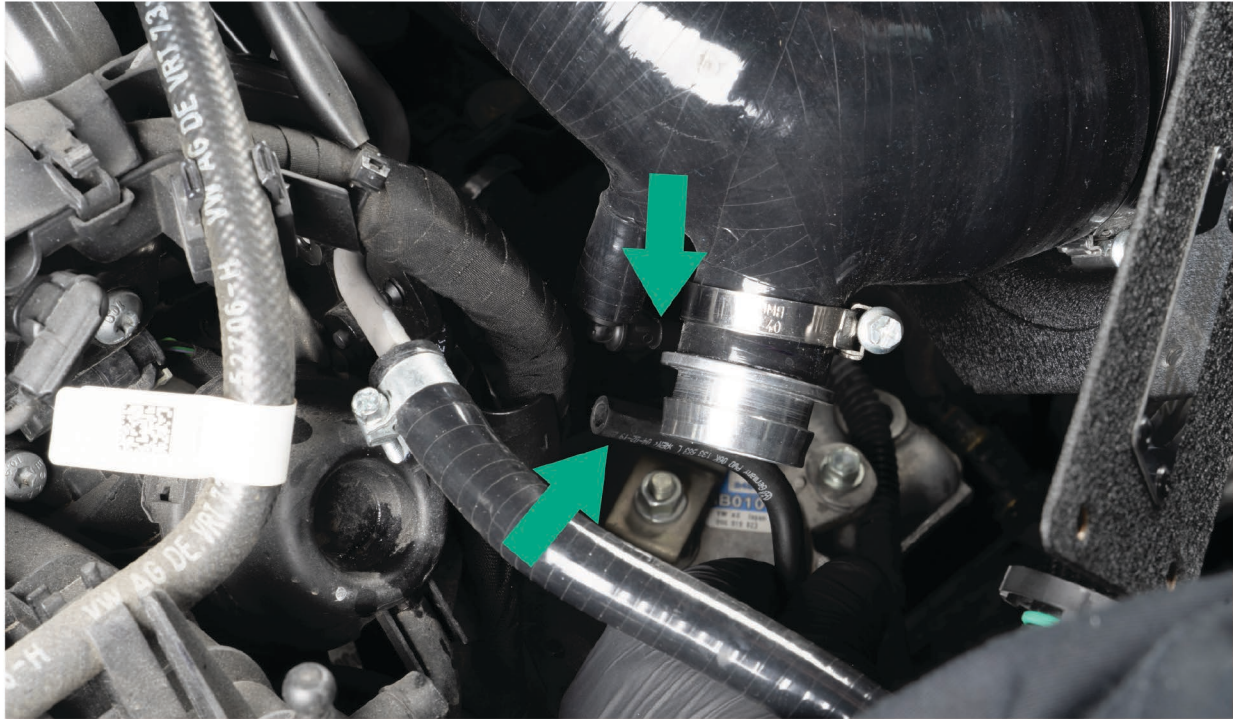


Loosely install 80-100 hose clamp onto Bellmouth side of silicon hose, and 60-80mm clamp on MAF side of silicon hose. Then install silicon pipe on MAF and Bellmouth.

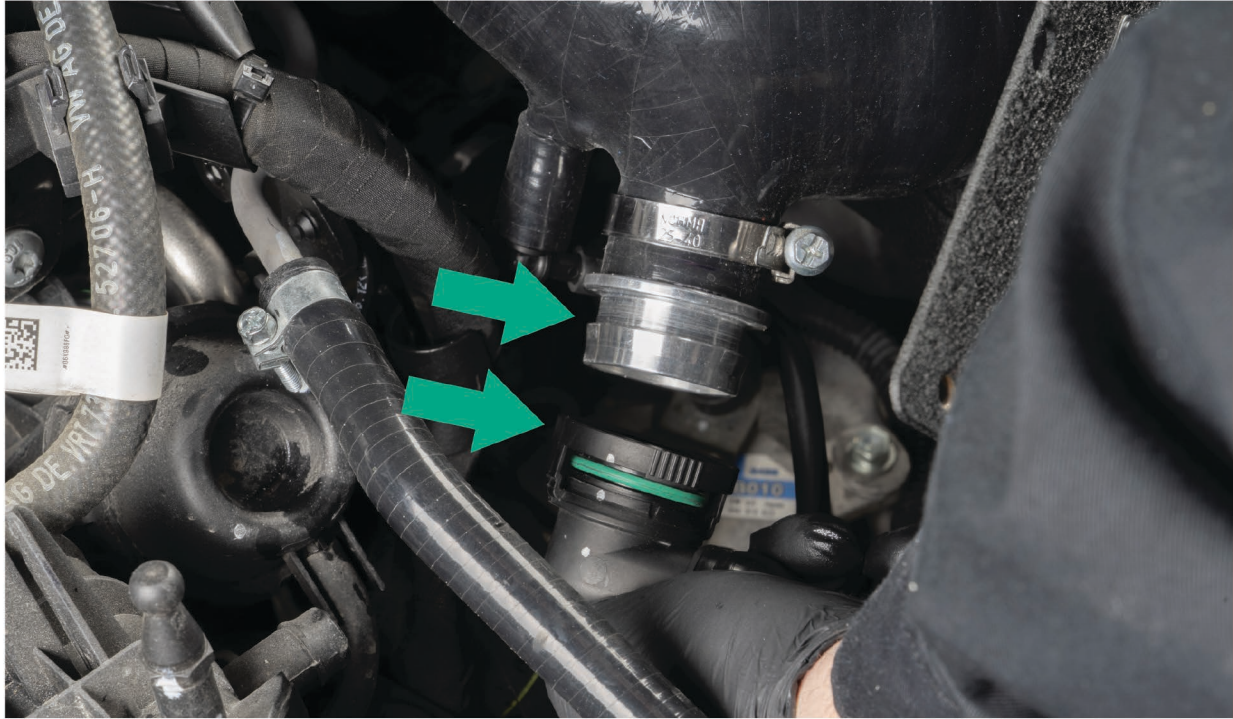




Install vacuum hose onto L Shaped barb.



Install SAI hose onto aluminum barb.



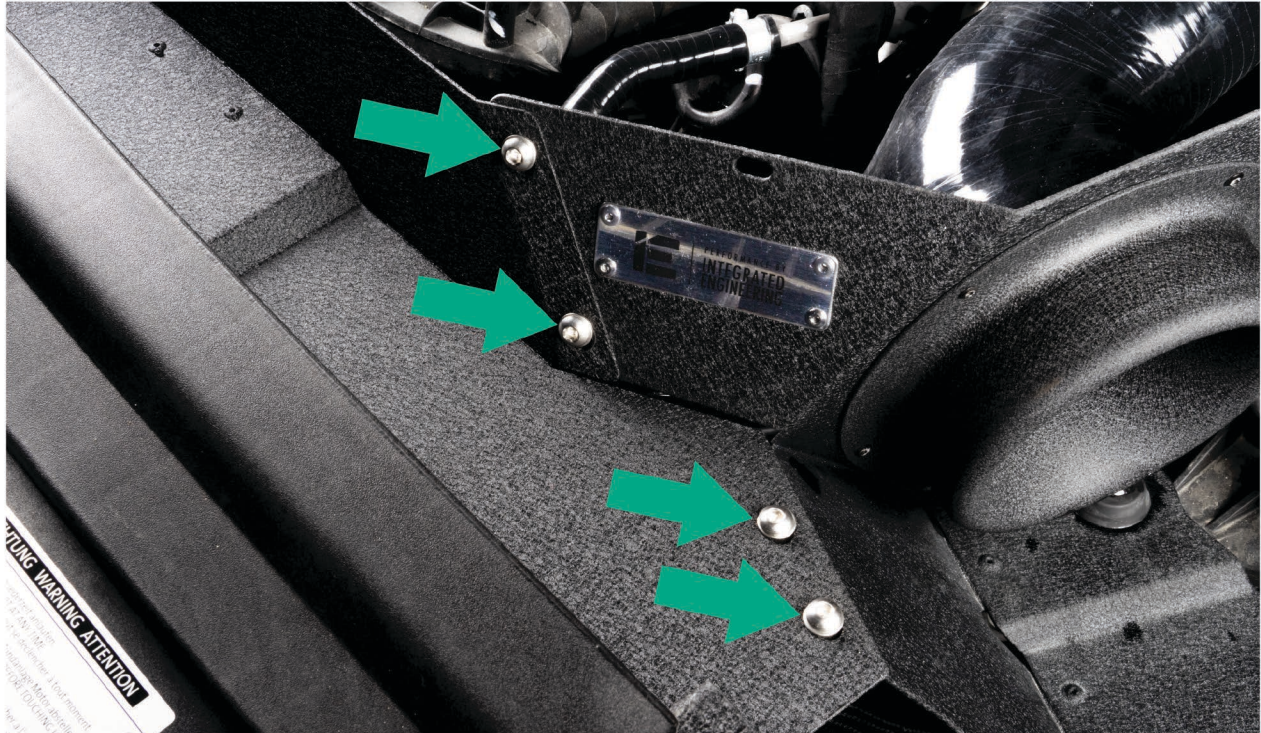


Using 4mm Allen bolts and washers, loosely install L shaped brackets to intake scoop on each side.





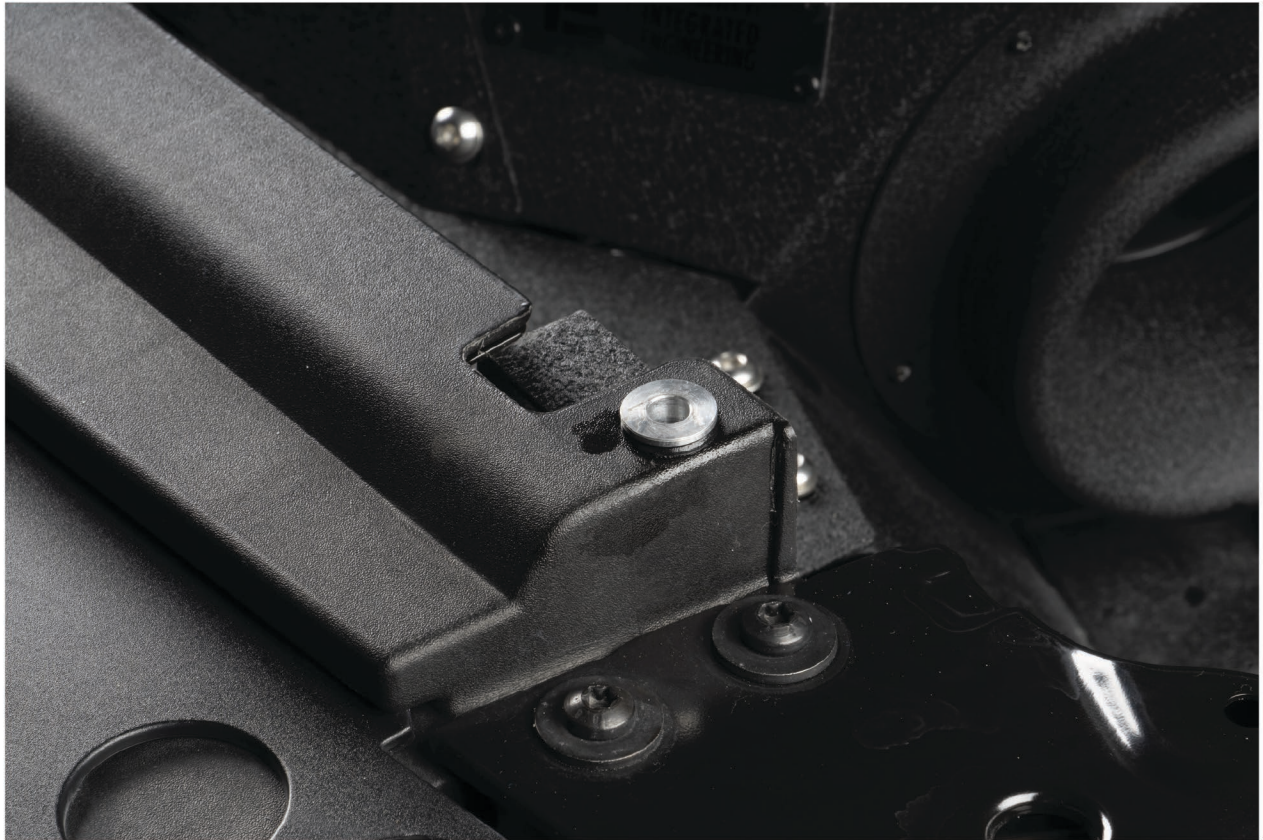
Loosely Install Four 4mm bolts and washers into the heat shield to connect the scoop to the airbox portion of the heat shield.



Install two rubber grommets into factory radiator core support, then press aluminum bushings into rubber grommets.











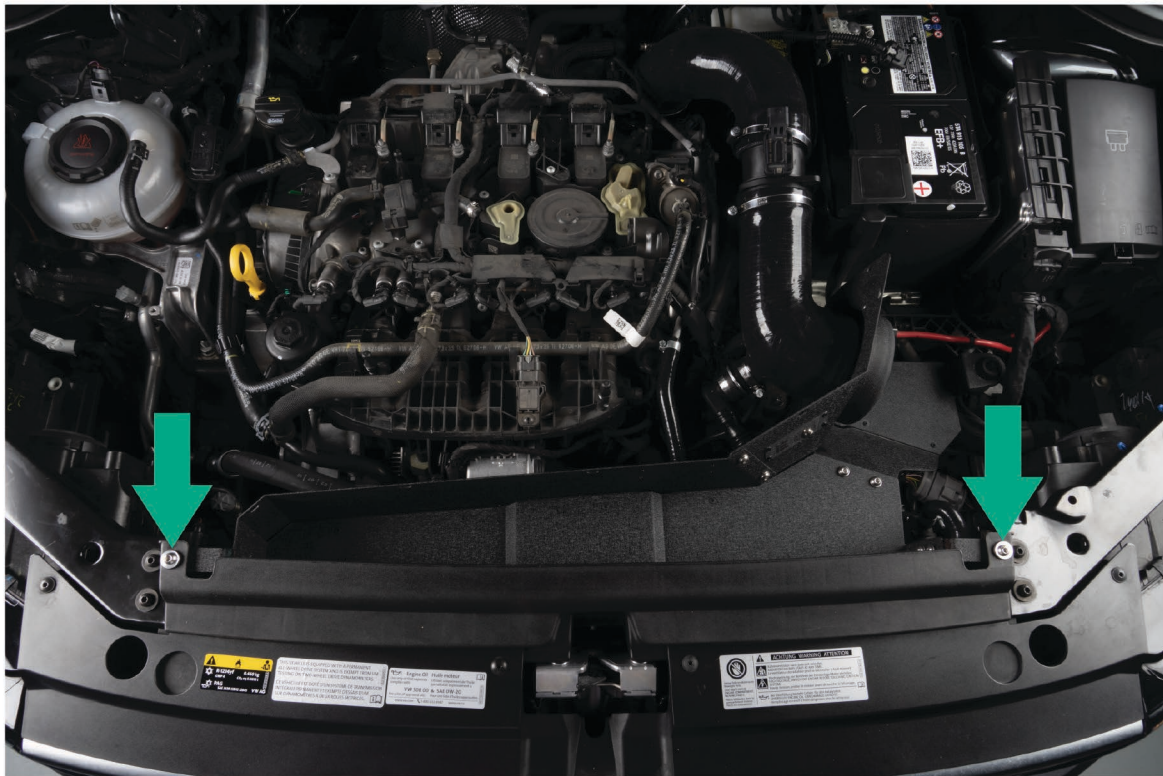
Install two 4mm bolts to secure the scoop to the radiator core support.





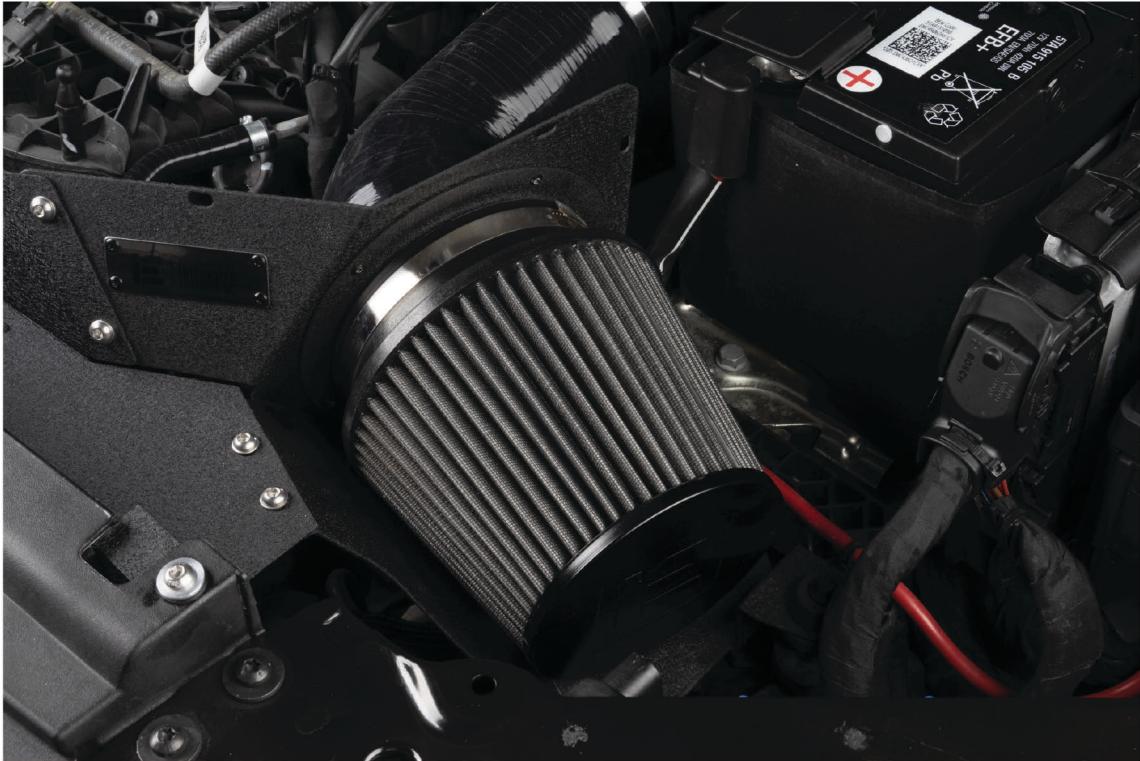


Adjust/align heat shield inlet scoop, then tighten all bolts securing the L brackets and radiator core support.

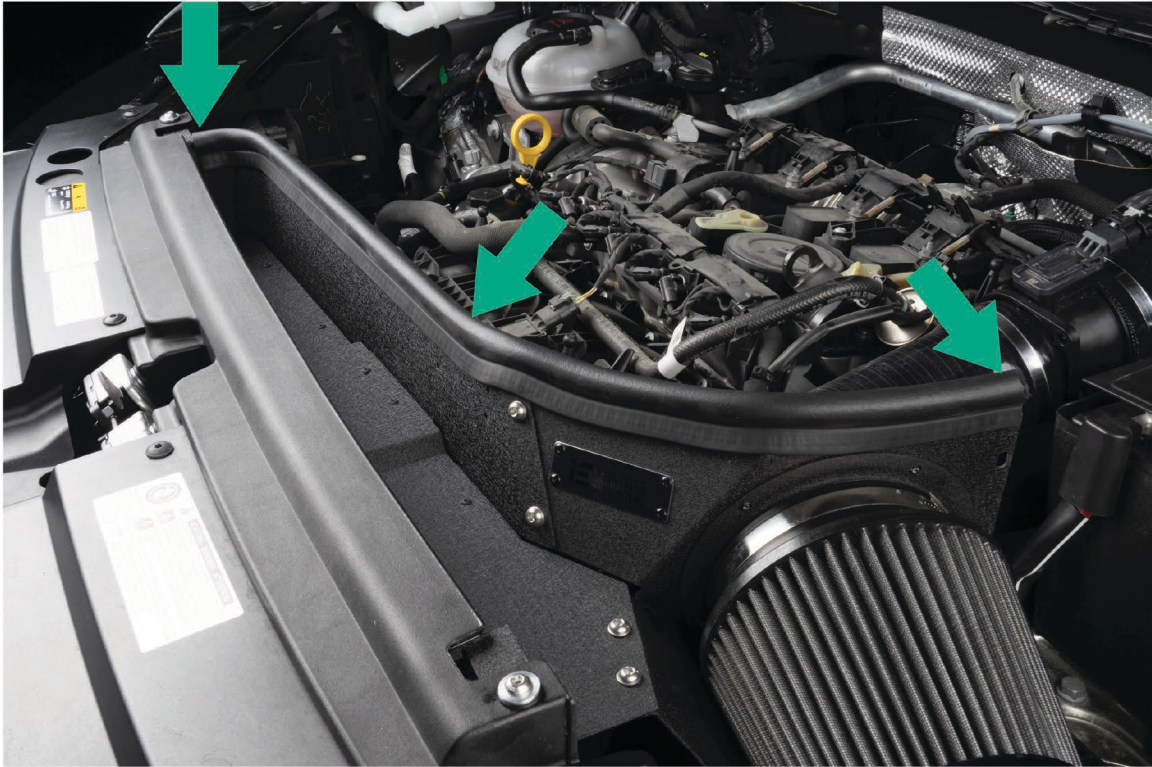




Reinstall MAF connector, install air filter, then tighten all hose clamps.



Install Rubber Bulb trim on the top edge of the heat shield.





Enjoy the performance, looks, and the sound of your new IE Cold Air Intake System!



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](http://www.performancebyie.com)