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## IE 8V RS3 Intercooler Install Guide

PART NUMBER: IETPCQ1

Thank you for purchasing another high-quality Integrated Engineering product! This instruction guide is used for the installation of IE's Intercooler Kit for Audi 8V RS3 applications. Professional or experienced technician installation is recommended and Integrated Engineering is not responsible for any damage caused by incorrect installation.



**Tools Required:**

Socket wrench and extensions

T25 Socket

T30 Socket

Hose Clamp

7mm Socket

Flat Head Screwdriver

Dremel and Sanding Drum

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



Jack up the car and remove Both front wheels



Remove 6 (Three on each side) T25 screws holding the fender liners to the bumper. If you prefer you can remove the fender liners entirely.





Pull back the front of the fender liner and remove the four (two on each side) T30 screws holding the bumper cover to the bottom of the front fender



Remove the two T30 screws (one on either side of the car) holding the back of the bumper cover to the front of the fender

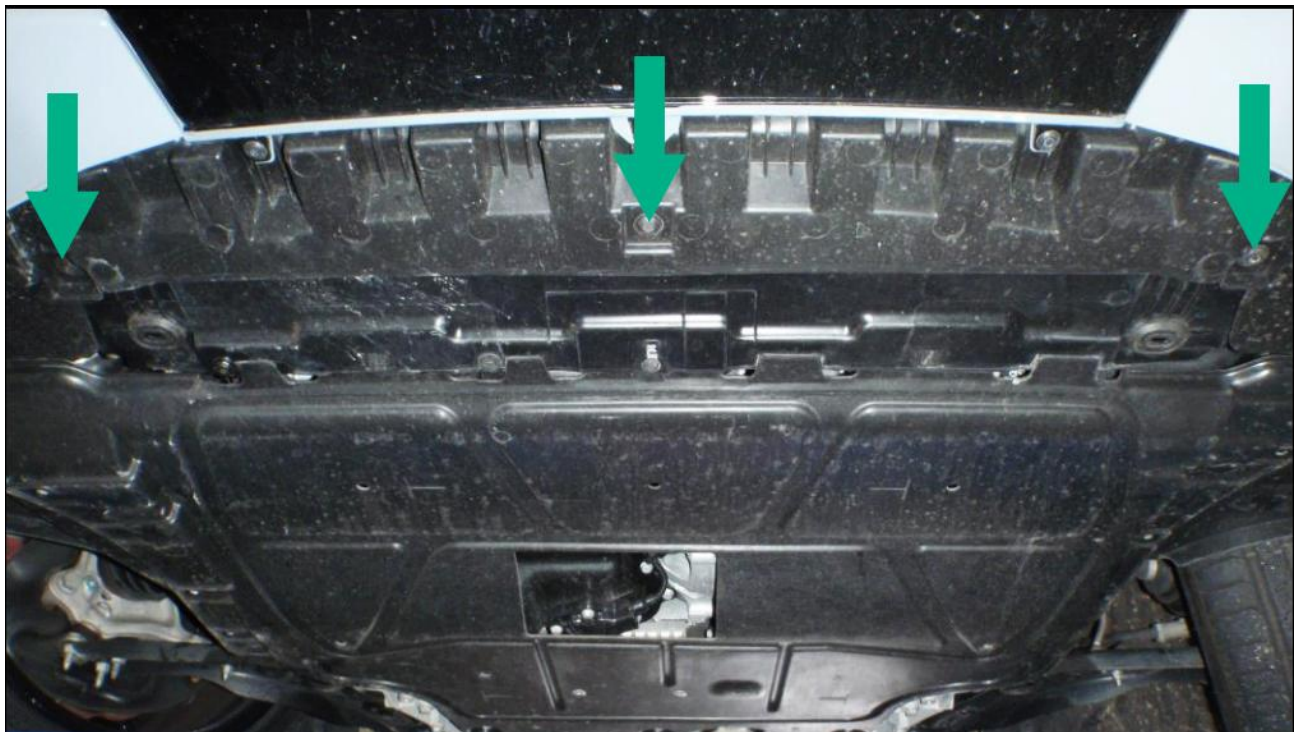




Remove the T25 torx screws under the front bumper on each side.



Remove the three T30 torx screws at the front of the under tray.



Remove three T30 screws from the top of the bumper cover.



Carefully pull each side of the bumper away from the fender to release the clips.





Carefully pull the bumper from the vehicle. Take care not to fully remove yet, there are a couple more things to disconnect.



Unplug park distance sensor harness.

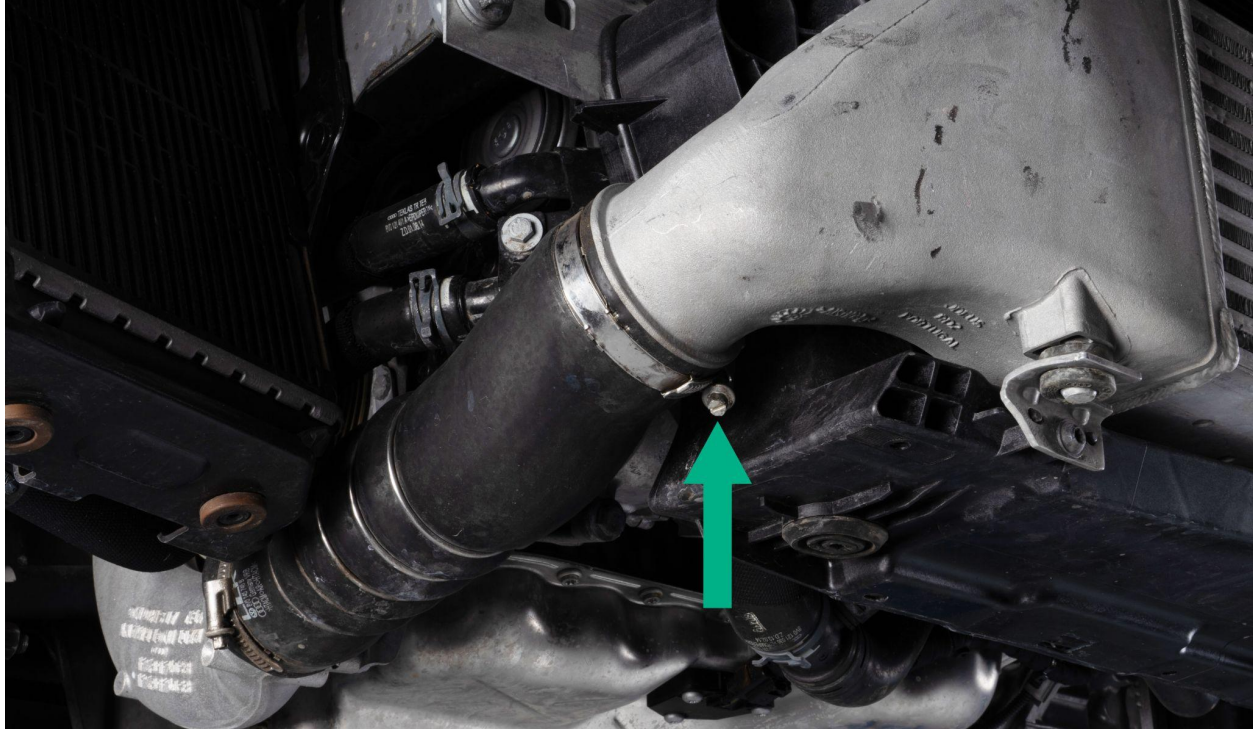


Clamp washer fluid hose above the connector, then disconnect headlight washer line.

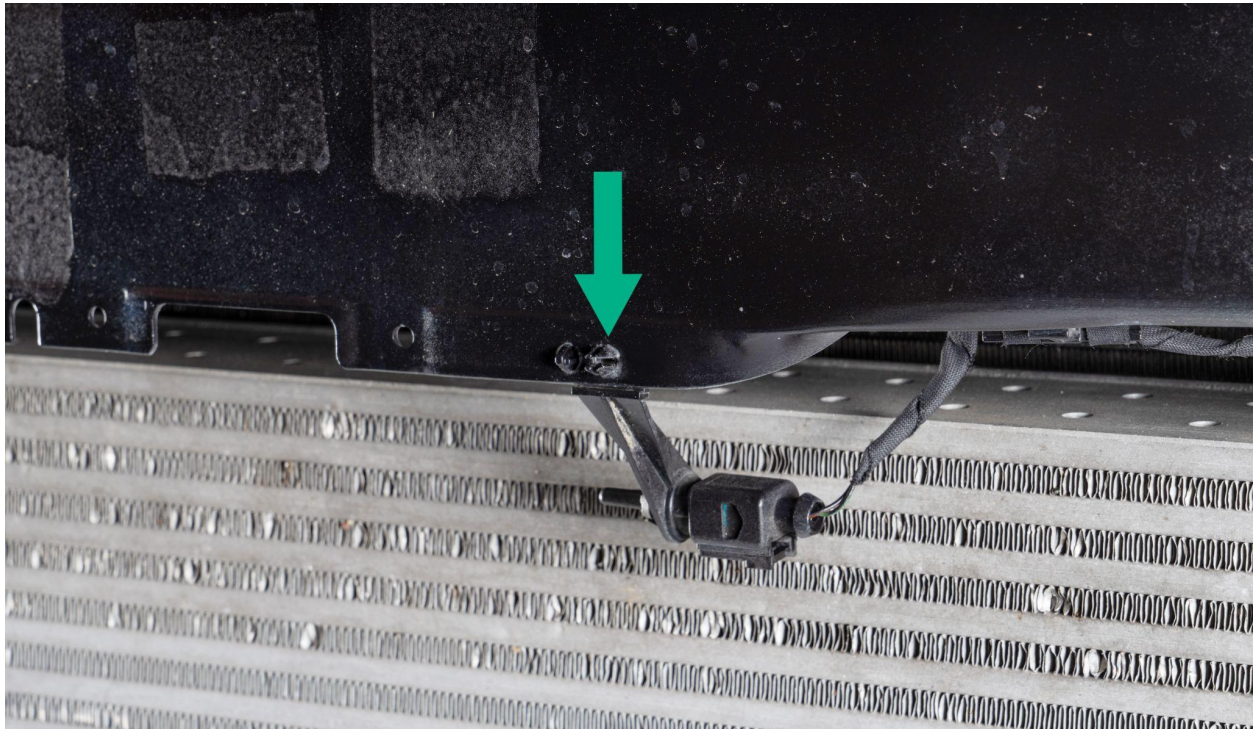




Set bumper aside, then remove two 7mm hose clamps on each side of the OEM Intercooler, then pull each hose off the intercooler



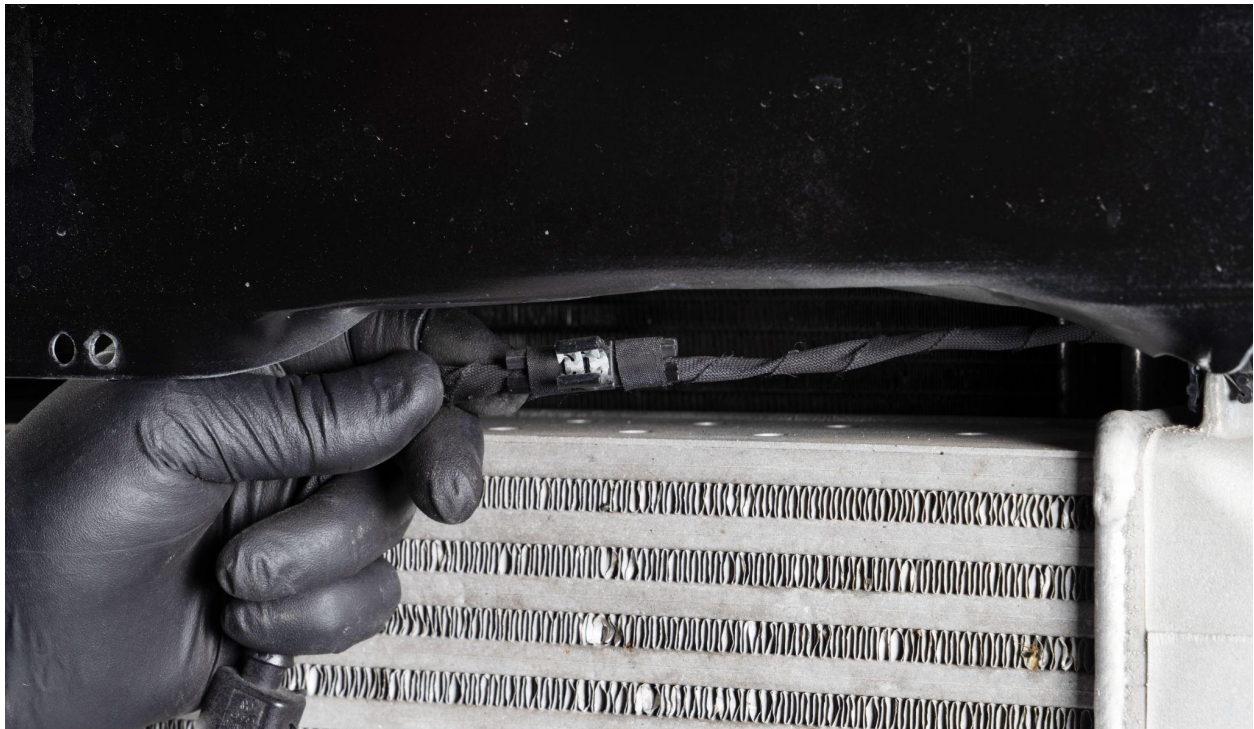
With a flathead, push in the center of the ambient temp sensor to release it from the crash bar.





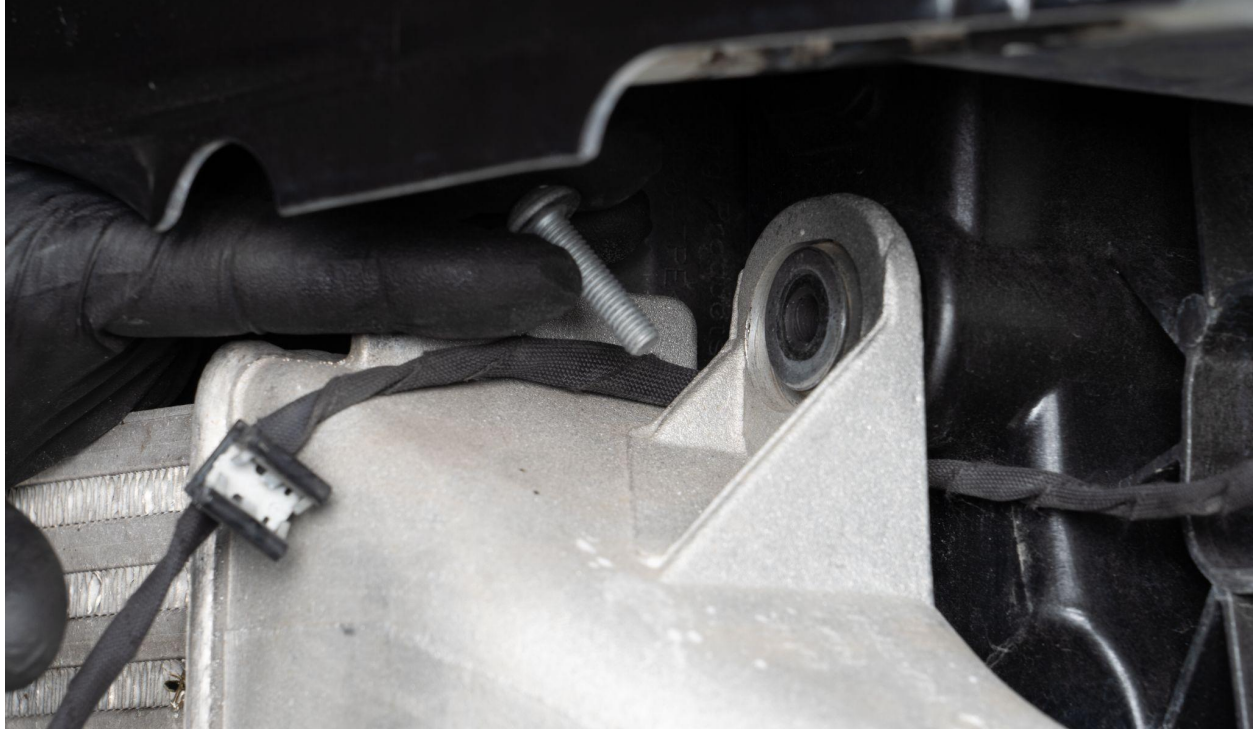


Unclip two wire retainer clips.

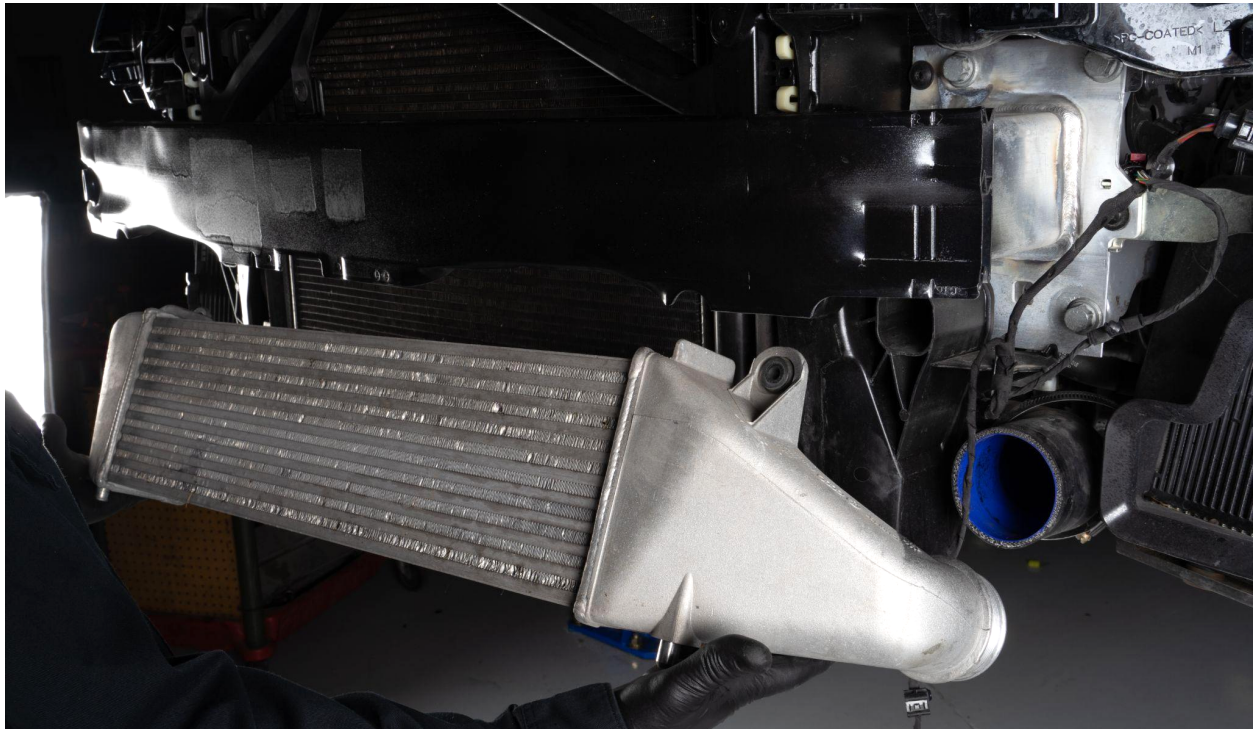




Remove two (One on each side) T30 upper retaining screws from the top of the intercooler



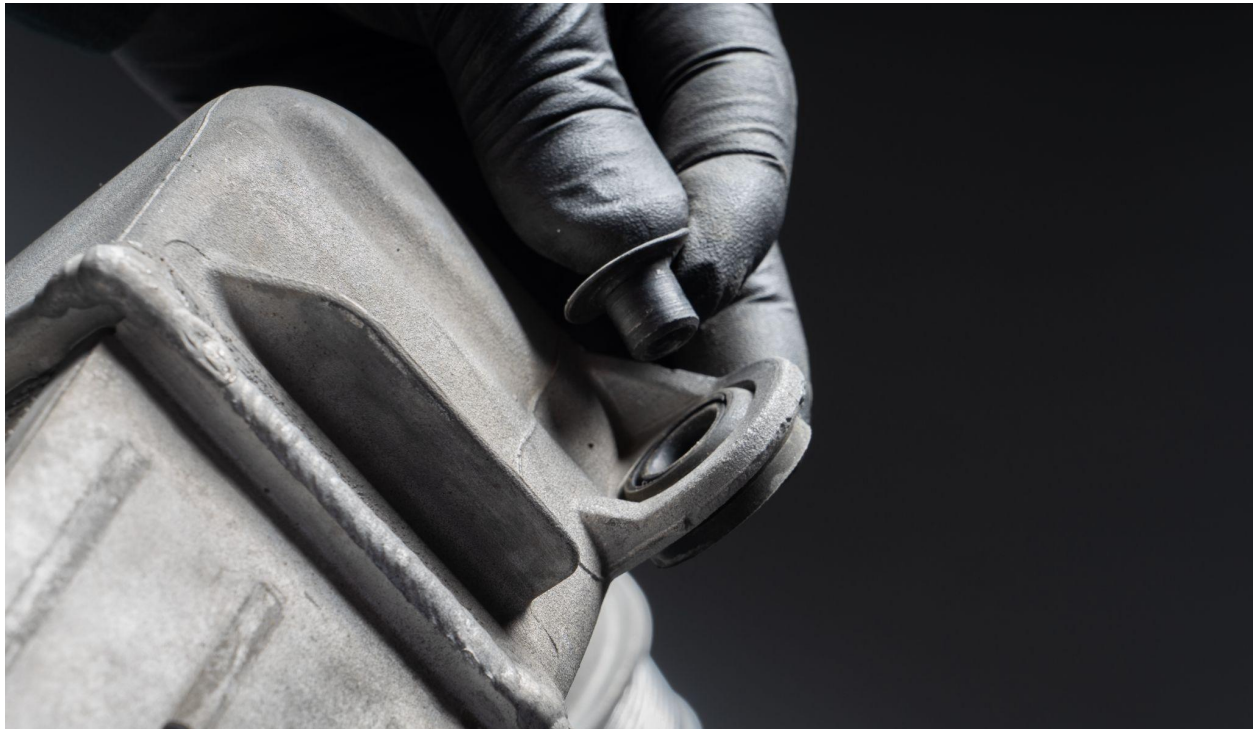
Lift up on the intercooler to pop it out of mounting grommets, then drop down and remove factory intercooler.



Remove two (One on each side) t30 screws that fasten the two lower intercooler mounts



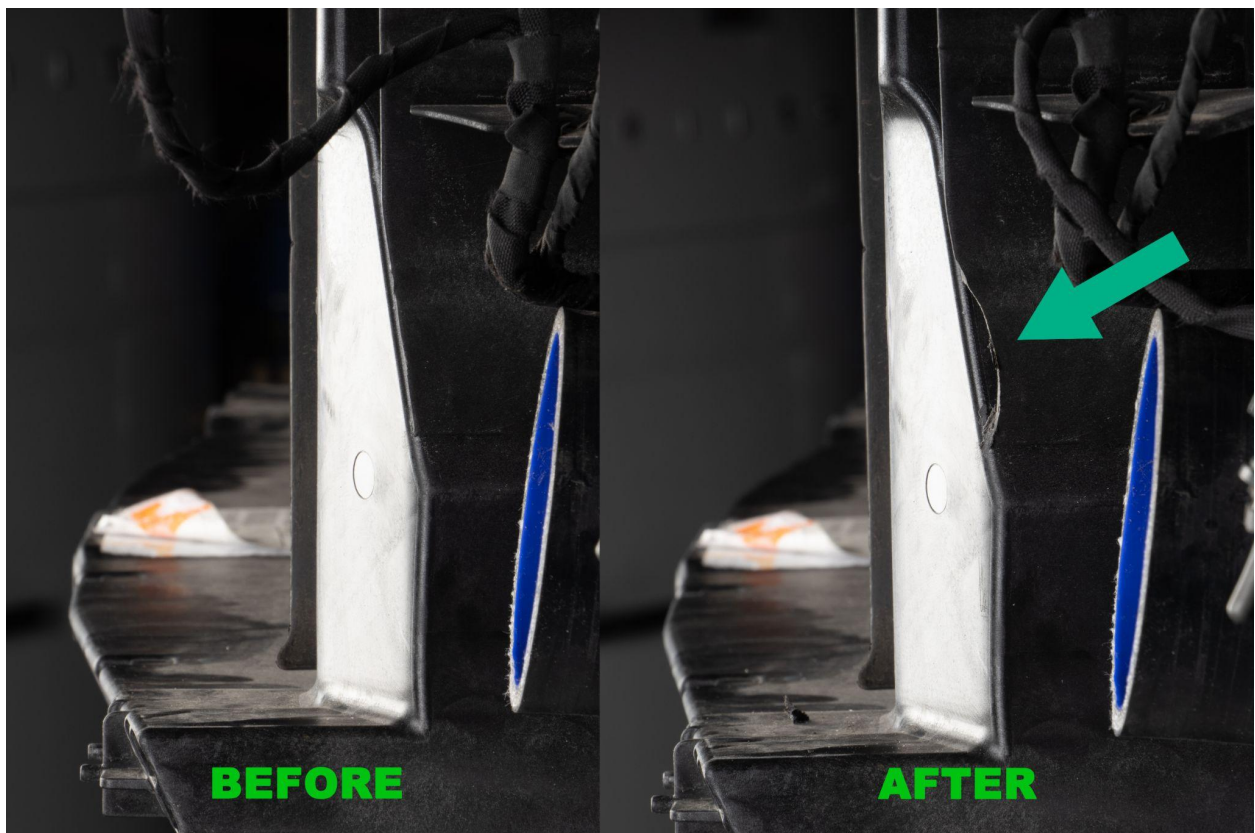
Remove factory grommets from top mounts of intercooler by removing center portion first, then pressing out surrounding grommet.

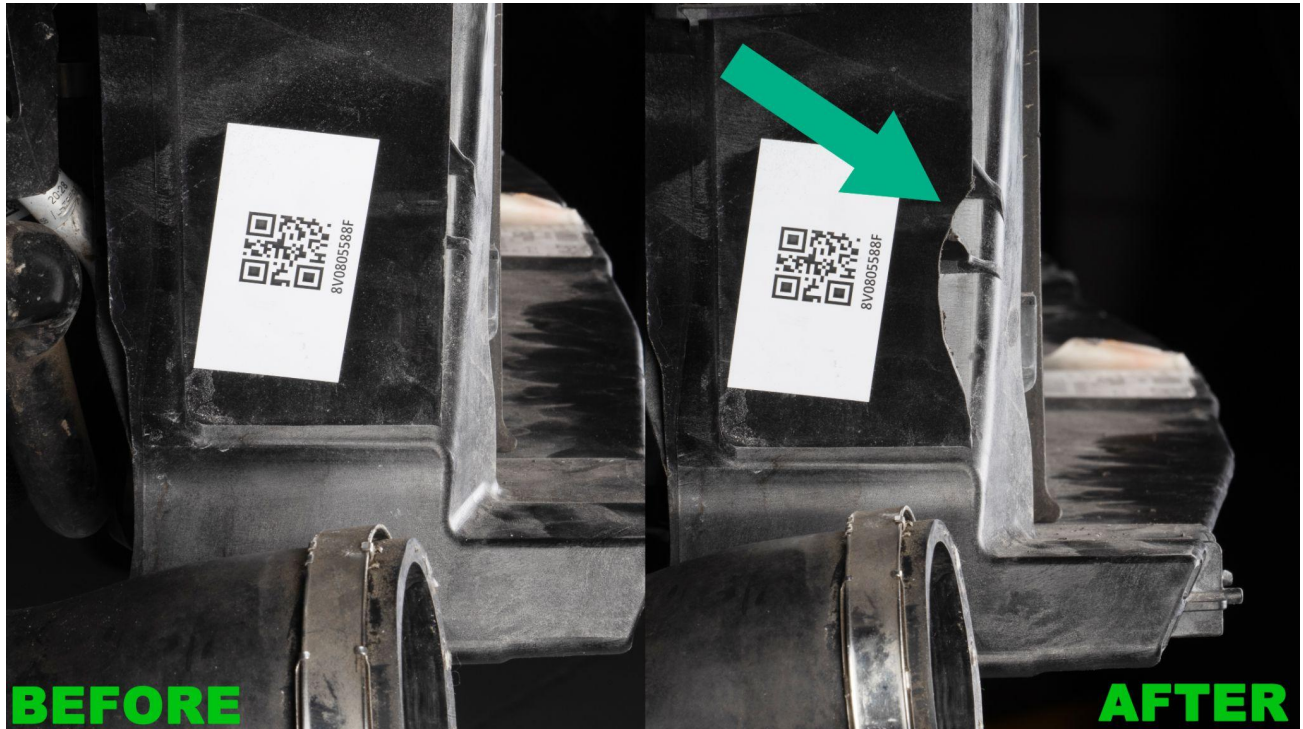






Using a Dremel and a sanding drum, carefully sand back about a 1/4 of an inch on each side in the marked locations of the core support.

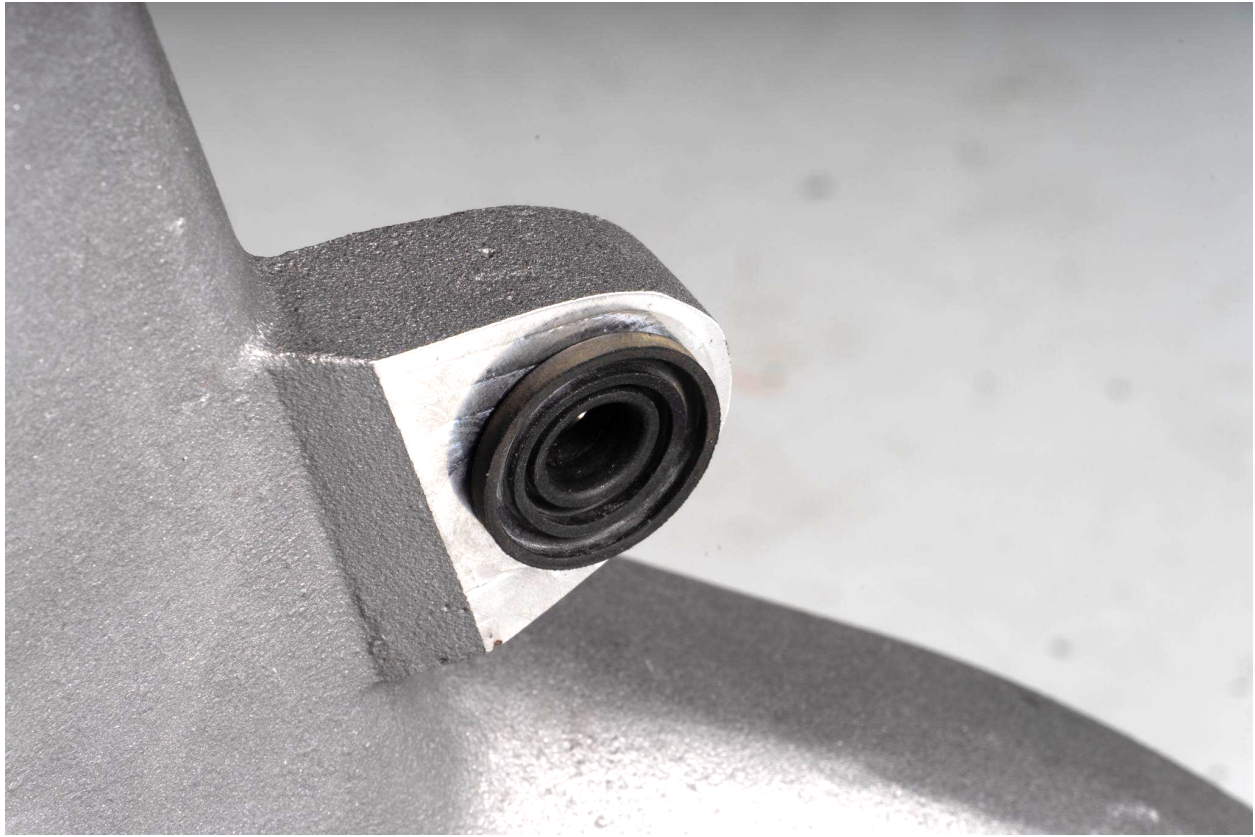




Insert the mounting grommets on each side of the intercooler top mounts. First the rear portion, then the front piece







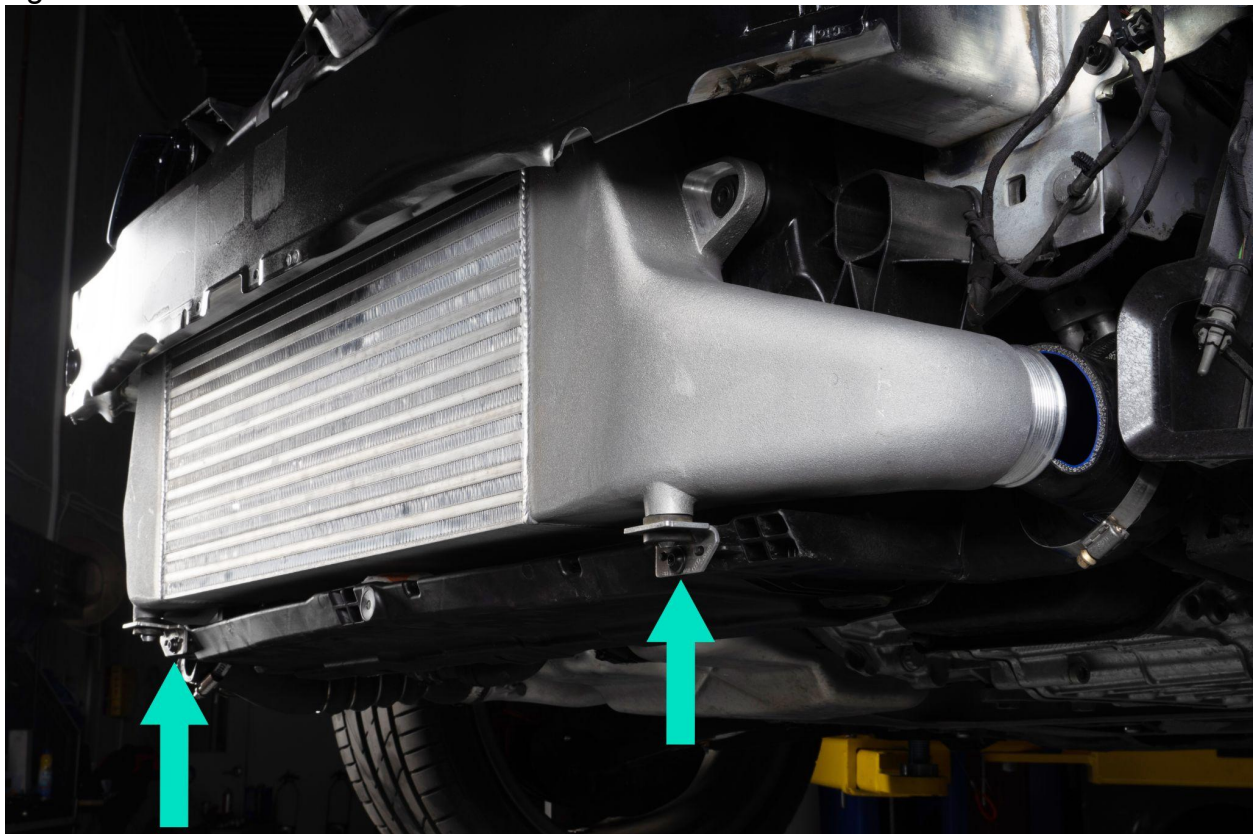
Stick on the two included EPDM Foam pieces on the outlined areas on the front, top corners of the intercooler end tanks



Install the OEM bottom mounts onto the pin mounts and carefully lift into position behind crash bar.



Tighten both bottom mounts

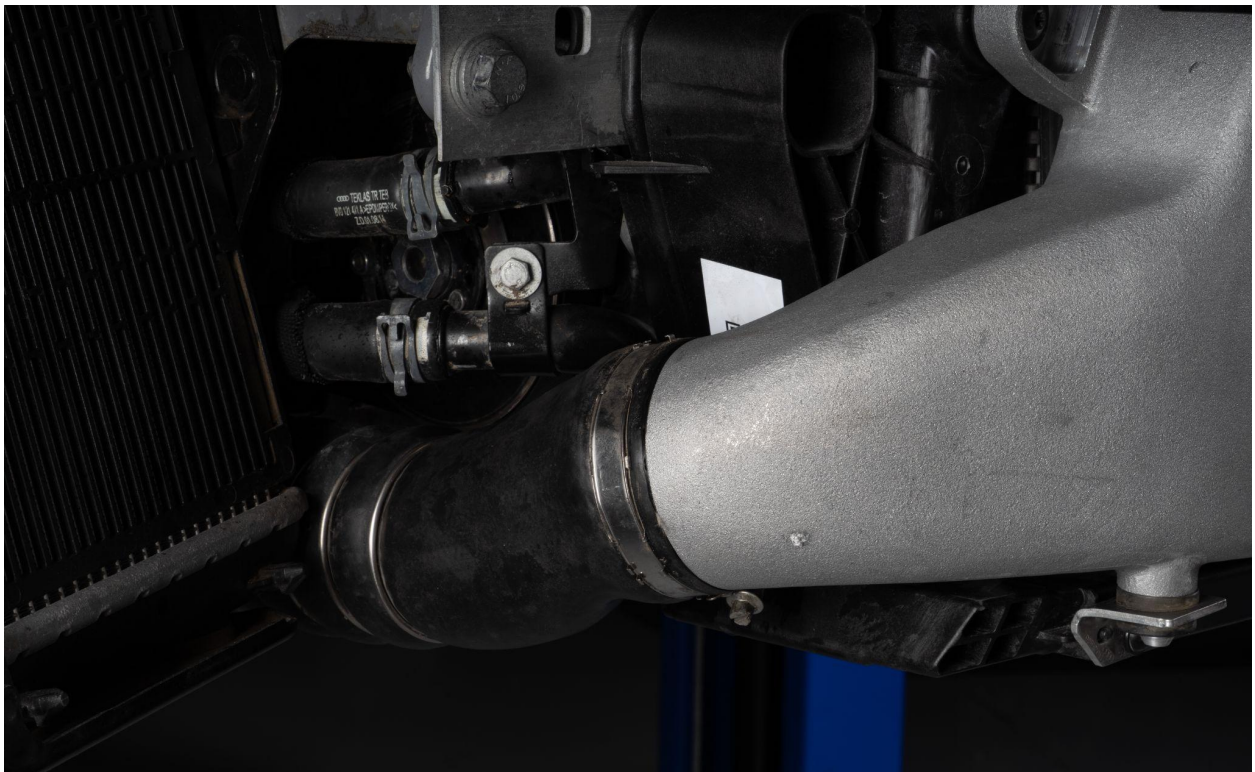




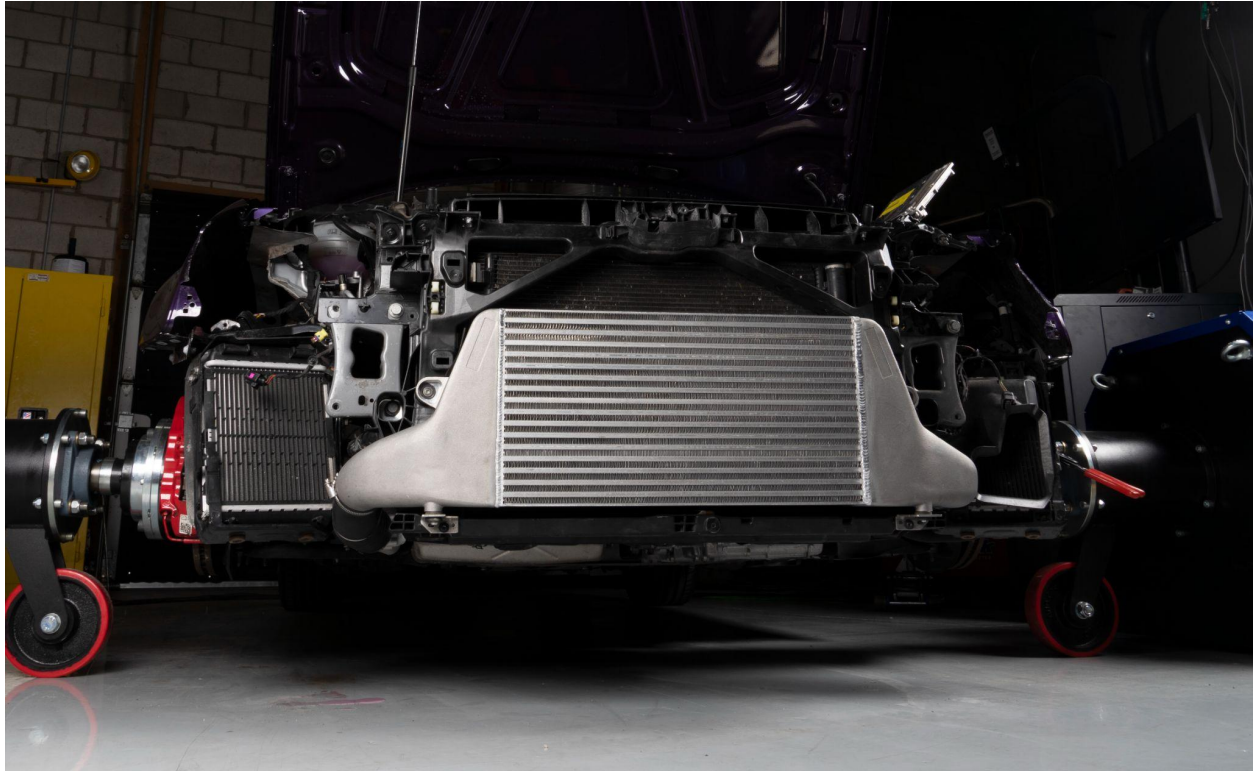
Install OEM hardware on the top intercooler mounts.



You can now install all the trim, bumper, fender liners, and wheels in reverse order.



Enjoy the look and performance of your new IE RS3 Intercooler!



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.

Integrated Engineering  
801.484.2021  
sales@performancebyie.com  
[www.performancebyie.com](http://www.performancebyie.com)

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