

ARM Motorsports

ARM MQB Intake Installation Guide



Required tools for this job:

- Flathead screwdriver - For any prying needs
- Pliers - To compress a spring clamp
- Hook pick - To assist in removing the vacuum line
- T25 Torx - To remove the airbox inlet
- 7mm hex - For the worm clamp holding intake duct to turbo inlet
- 8mm hex - For all the ARM worm clamps
- 10mm hex (only if you decide to use the ARM t-bolt clamp)

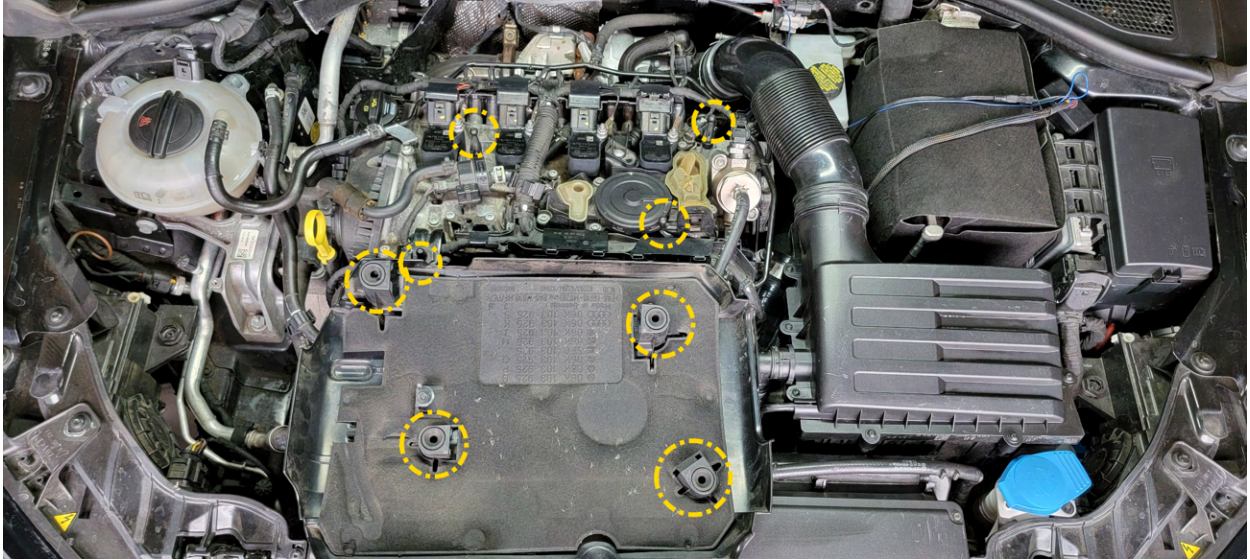
MQB Intake Contents:

- ARM Dry Air Filter
- ARM SAI Filter
- ARM Heat Shield
- ARM Reinforced Inlet Tube
- Rubber Trim
- [2] Rubber Grommets
- [1] 113/105mm T Bolt Clamp
- [1] 127/103mm Worm Clamp
- [1] 102/78mm Worm Clamp
- [1] 127/105mm Filter Worm Clamp

Removing The Stock Airbox

Step 1:

Start by removing the engine cover to help give some space. This is held in by 4 rubber grommets at each corner, pulling up with a little force at each corner will pop them out.



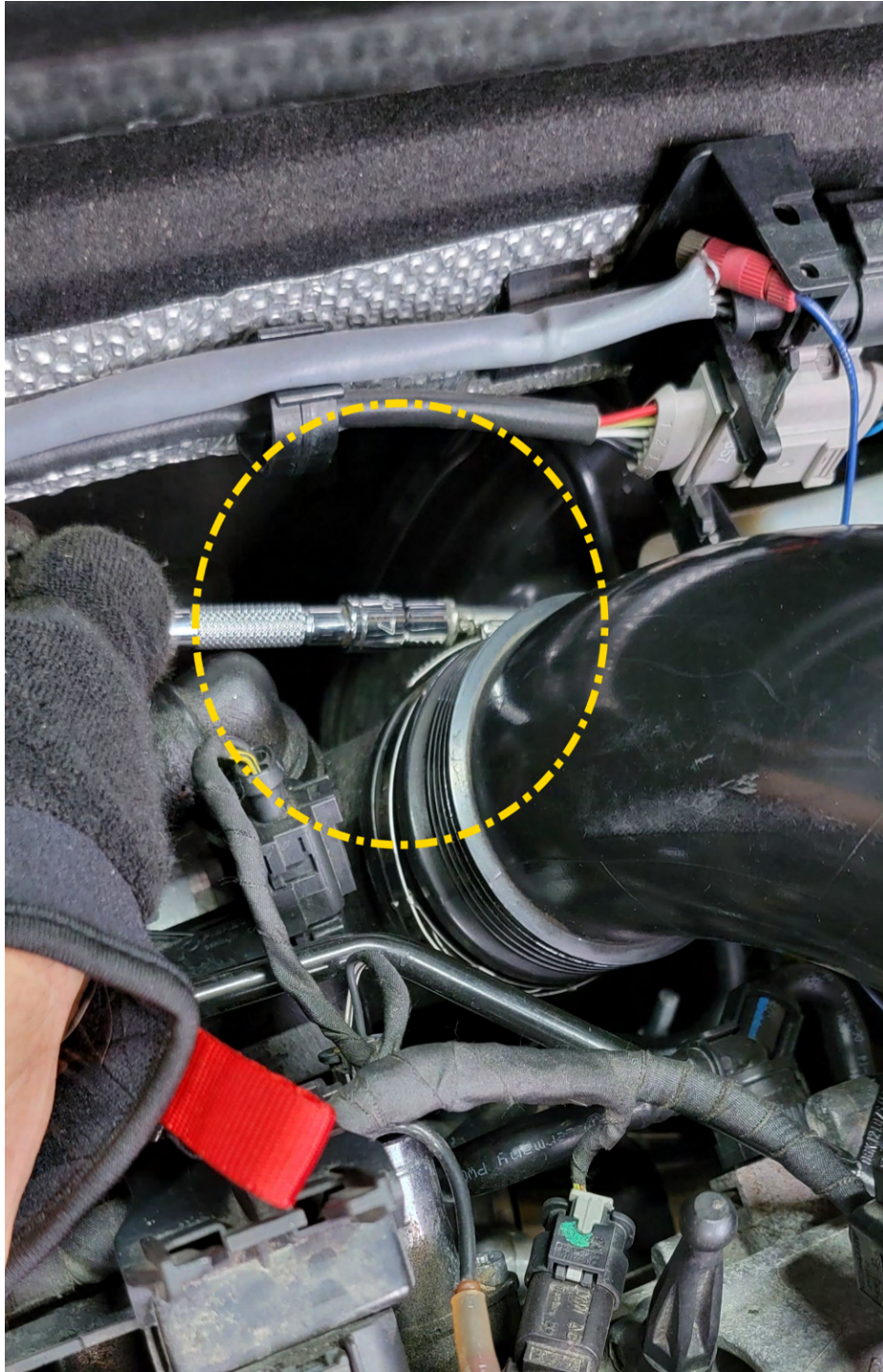
Step 2:

Using pliers, compress the spring clamp holding the intake duct to the airbox. Once you compress it, wiggle it back off of the connection point.



Step 3:

Using either a flathead screwdriver, or a 7mm hex socket, remove the worm clamp holding the intake duct to the turbo inlet pipe.



Step 4:

Once both ends have been undone, you can fully remove the intake duct.



Step 5:

Using the help of a hook pick, gently wiggle the pick into the vacuum line to carefully assist yourself in pulling it off of the airbox.



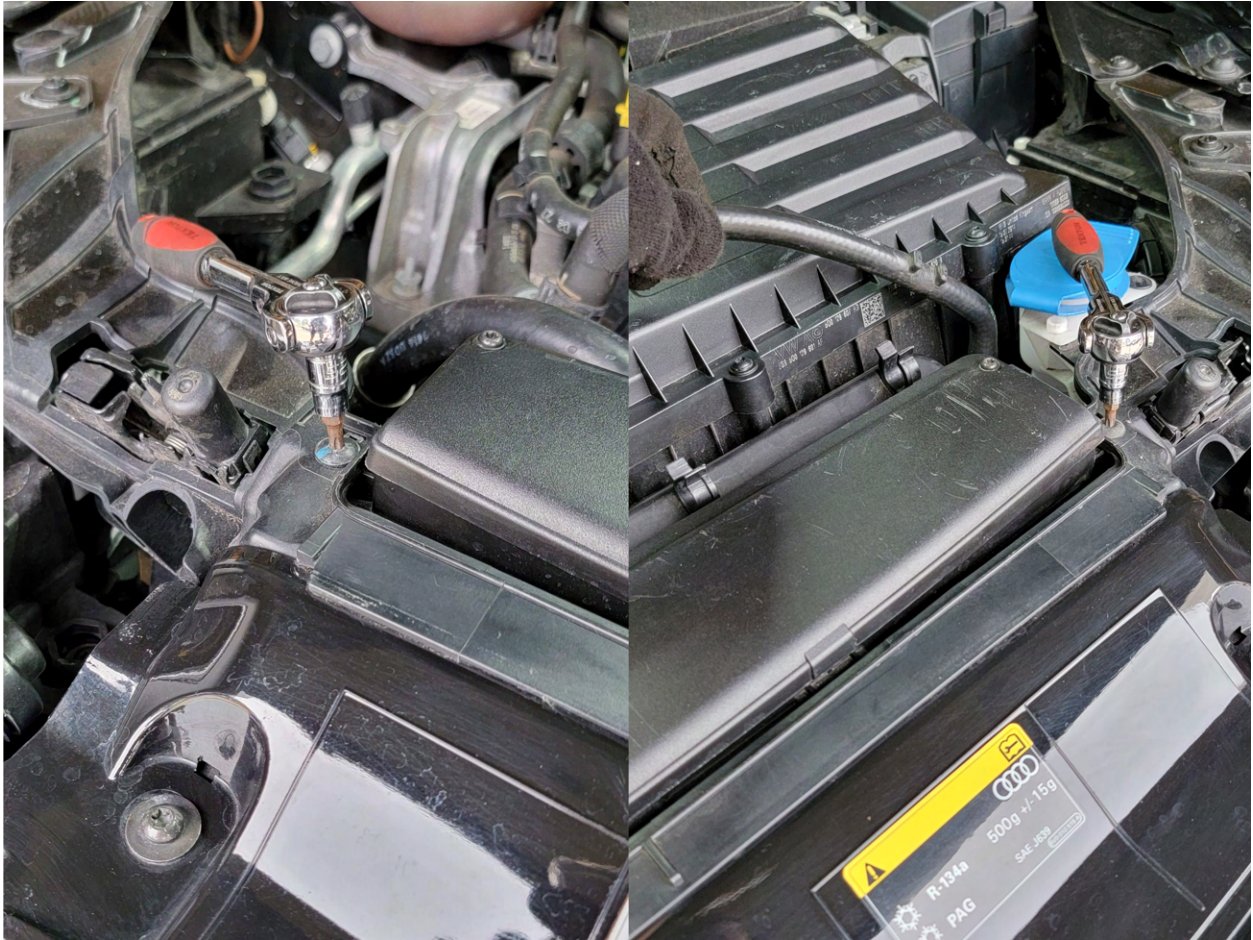
Step 6:

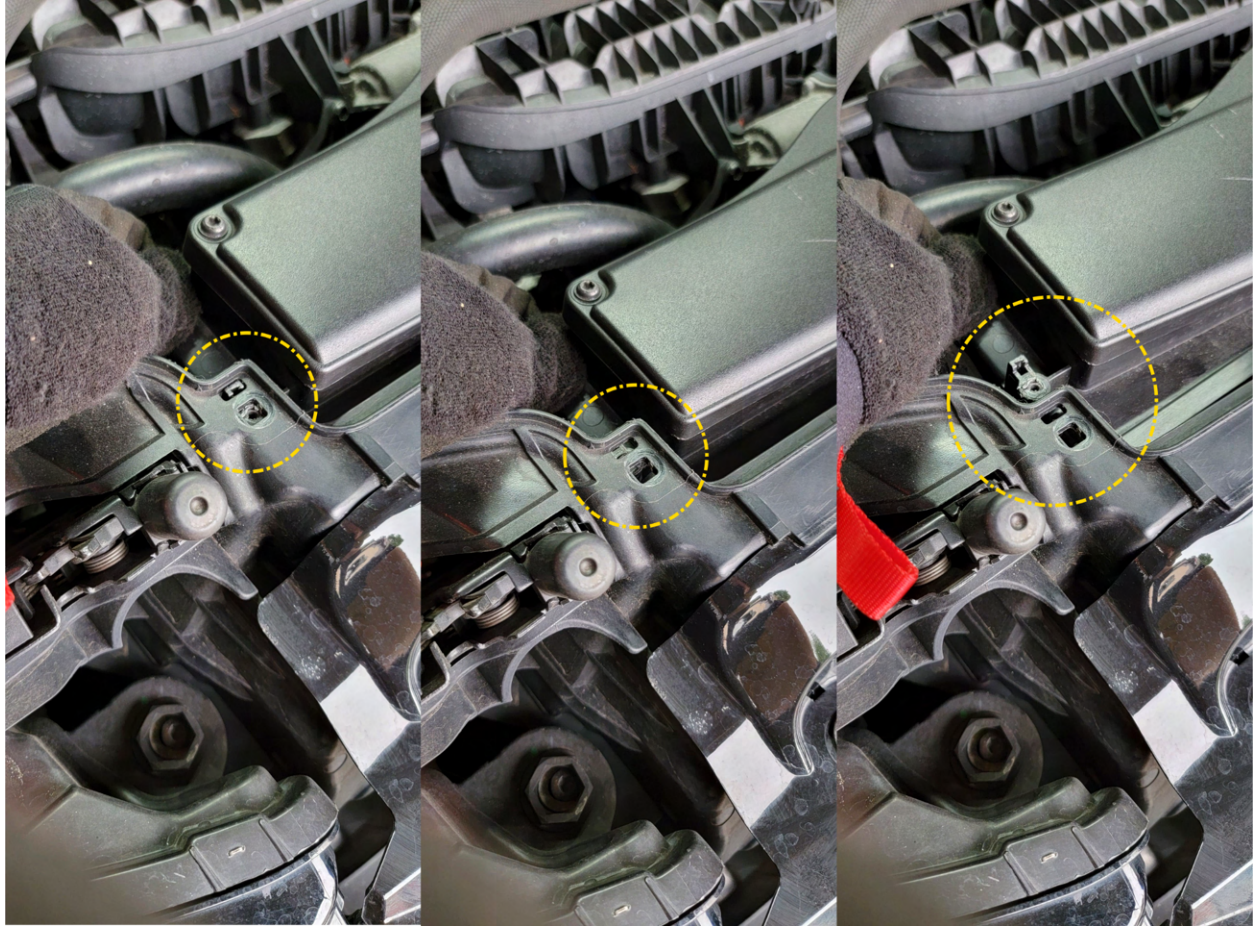
Remove the SAI (secondary air injection) adapter by pinching the 2 ends and wiggle it free.



Step 7:

To help yourself in the removal of the airbox, it's a good idea to also remove the airbox inlet, this is held in by 2 T25 torx bolts. Before removing the bolts, pop out the coolant line that is snapped to this inlet (Picture 1). The airbox inlet will then be pushed down slightly to free it from the locking tabs (Picture 2).





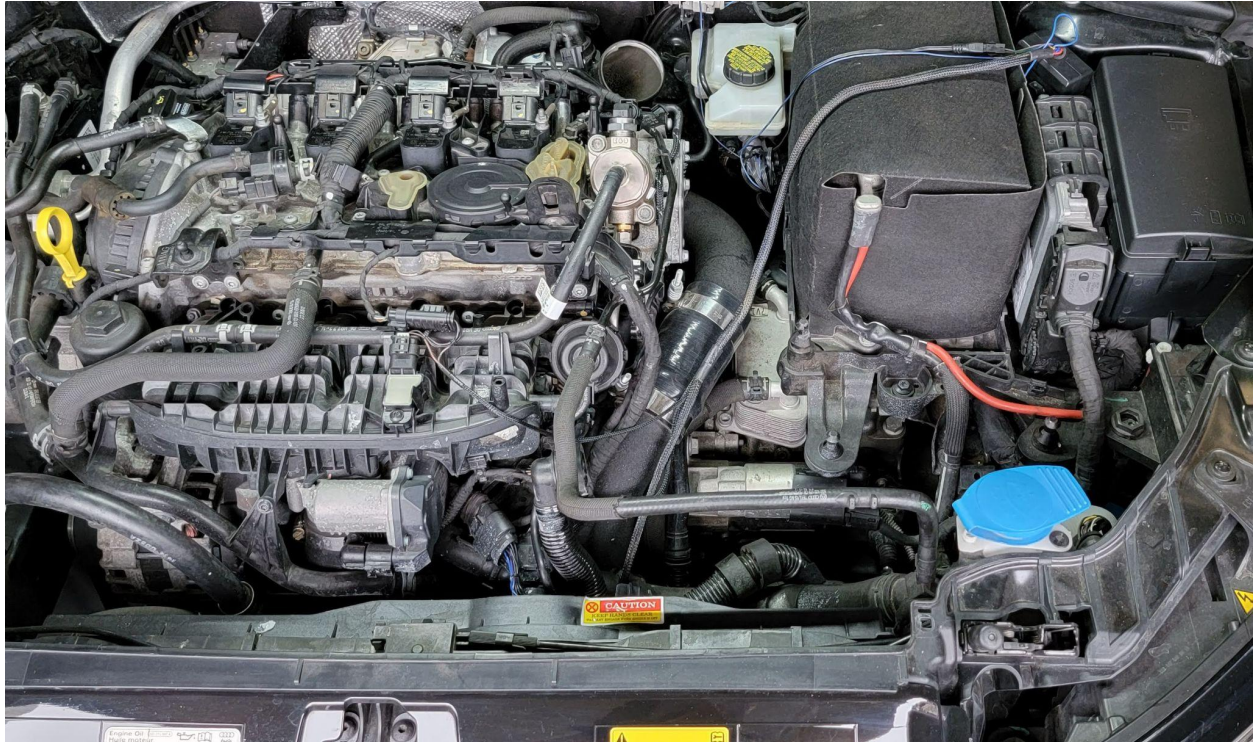
Step 8:

At this point the airbox is only held in by 3 rubber grommets, pry at each location to pop them out of the plastic mounting points that hold the airbox down.



Step 9:

After both have come out, pop the third grommet out. (this is located almost dead center of the airbox, so just pull directly up and you will feel it once it comes out)
Then, with just a little bit of maneuvering, the airbox can be removed from the engine bay.



Installing The ARM MQB Intake

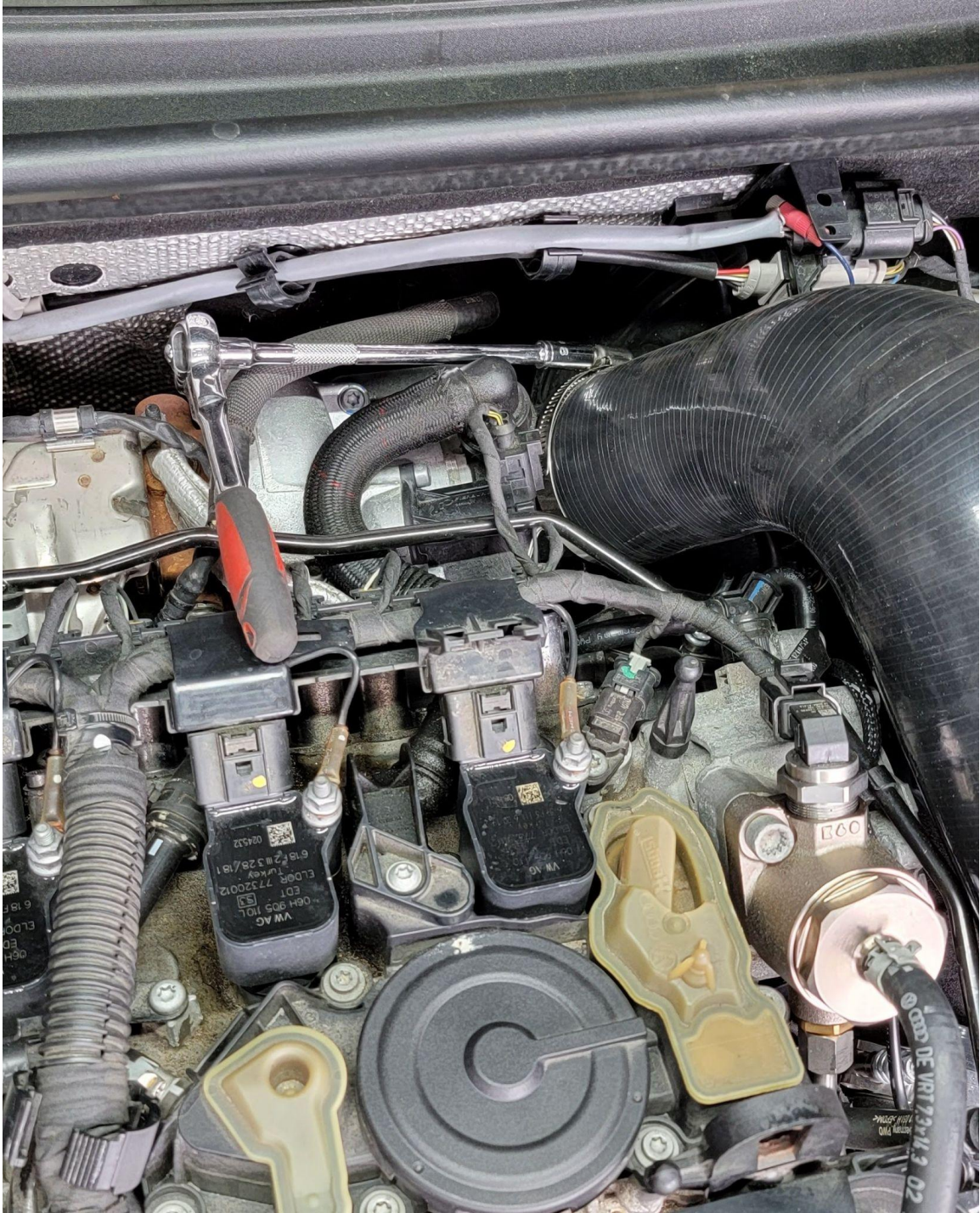
Step 1:

Start with putting the 78-102mm worm clamp over the smaller end of the silicone pipe, then put the silicone tube onto the turbo inlet pipe.



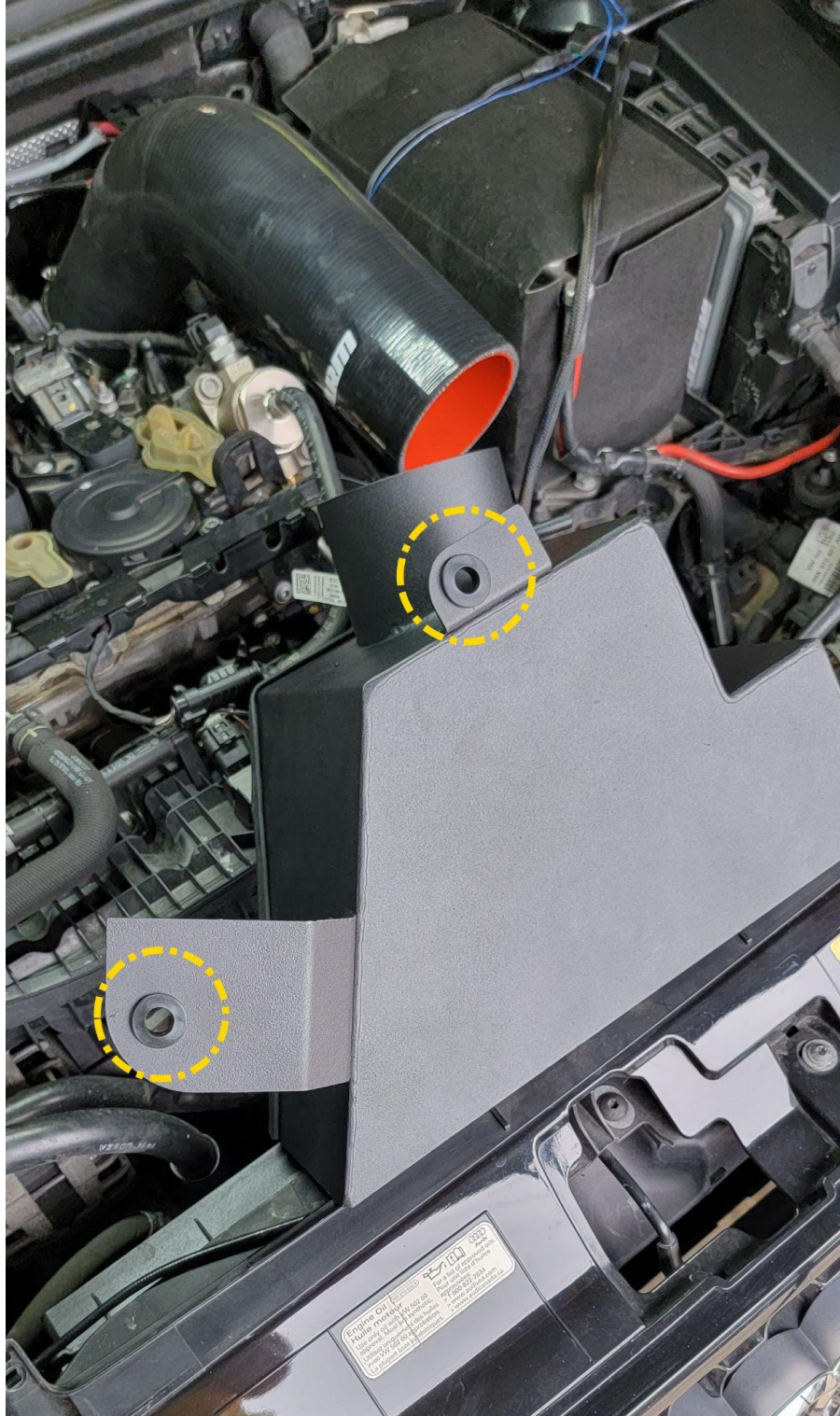
Step 2:

Making sure that the hose and clamp are past the flared end of the inlet, tighten down to 4nm or just about 35in lbs.



Step 3:

Before installing the ARM airbox, make sure to insert the included rubber grommets onto the brackets from the airbox.



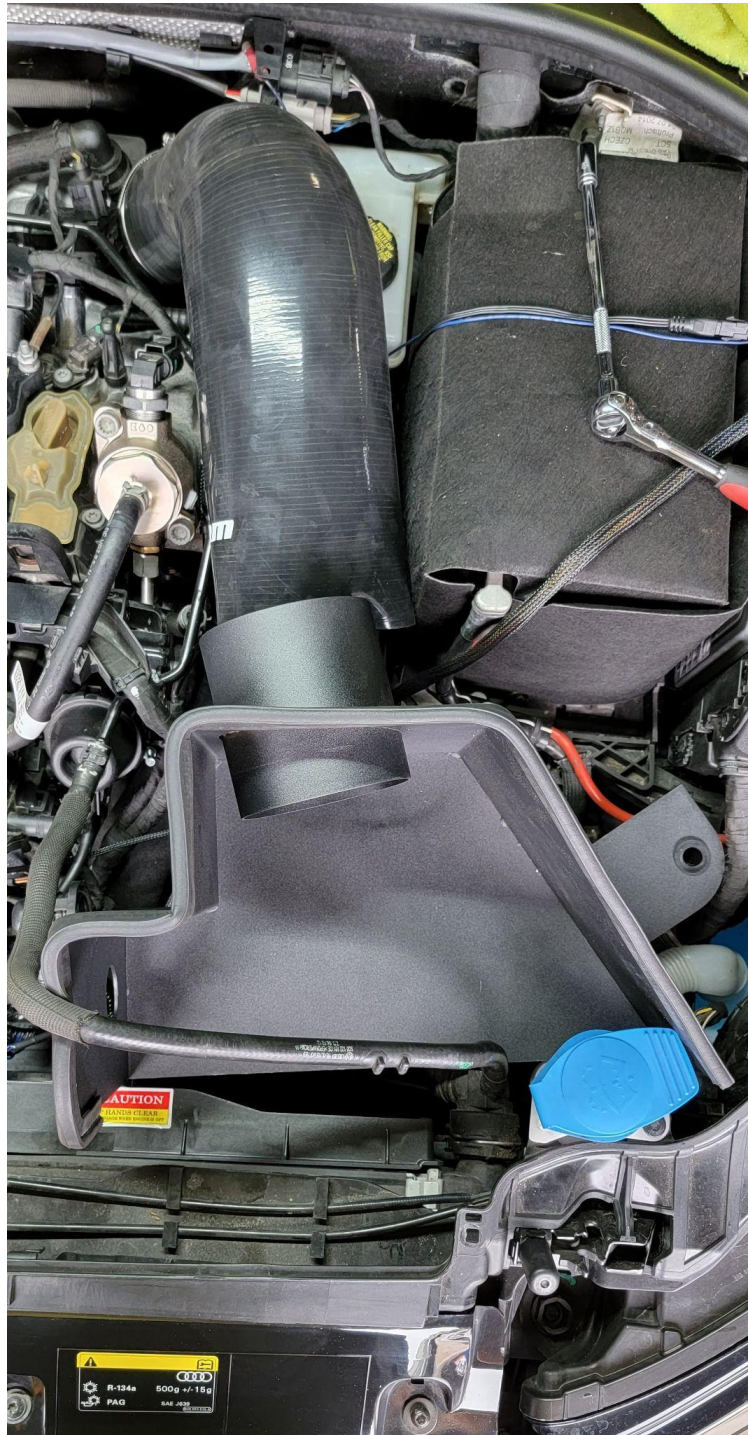
At this point you get to make a decision for what clamp you want to use, the filter will use its supplied worm clamp. For the silicone to airbox clamp, we include both a worm

clamp and a t-bolt clamp. Take your pick. If you really want to be unique, use both and tell your friends it's because of how much power you make.



Step 4:

Start by getting the intake under the coolant hose, at that point the intake pipe should be resting on top of the silicone hose. Now is when you do a little bit of pushing and pulling to get the hose onto the pipe and getting the grommets to line up.



Step 5:

Once fully seated, tighten clamp to 4nm or just about 35in lbs.



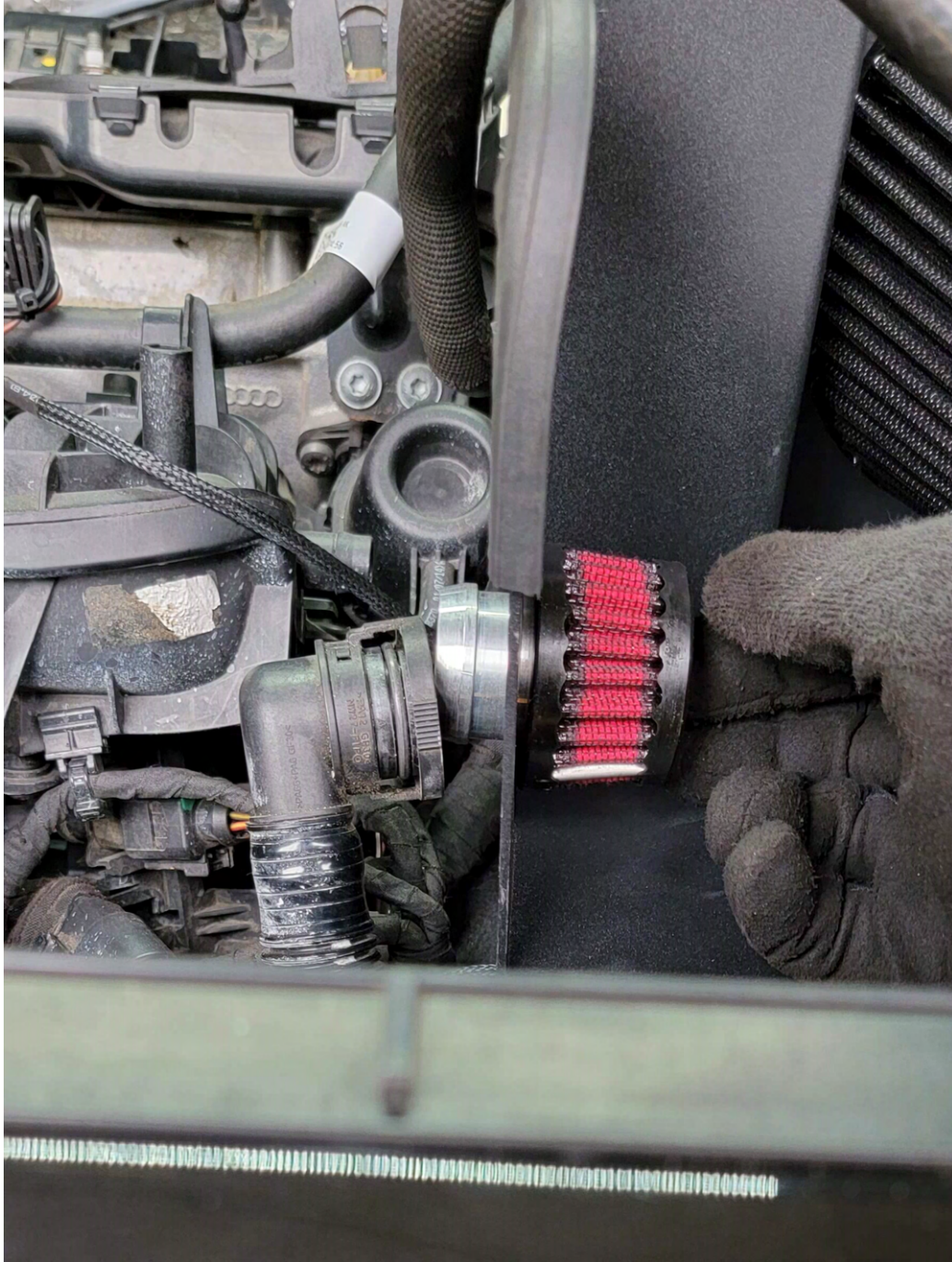
Step 6:

Slip the filter onto the airbox pipe and once again tighten to 4nm or about 35in lbs.



Step 7:

If your car has the SAI adapter, then push the included mini filter through the open hole and snap the pinch lock ring onto the filter.



Step 8:

At this point you can now reinstall the stock airbox inlet.
*Quick note, if you actually look into the airbox inlet, you'll notice that holes you think would be there are actually covered up. If you want, you can just remove this inlet and not reinstall it, or you can cut out the plastic so air does pass through.

Step 9:

Reinstall the engine cover, do a quick cleanup and enjoy your new ARM MQB Intake!



If you have any questions about the installation process please contact us at getarmed@armmotorsports.com

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