

BMS 2021+ G8X M2/M3/M4 S58 BMW Front Mount Intake Install Guide

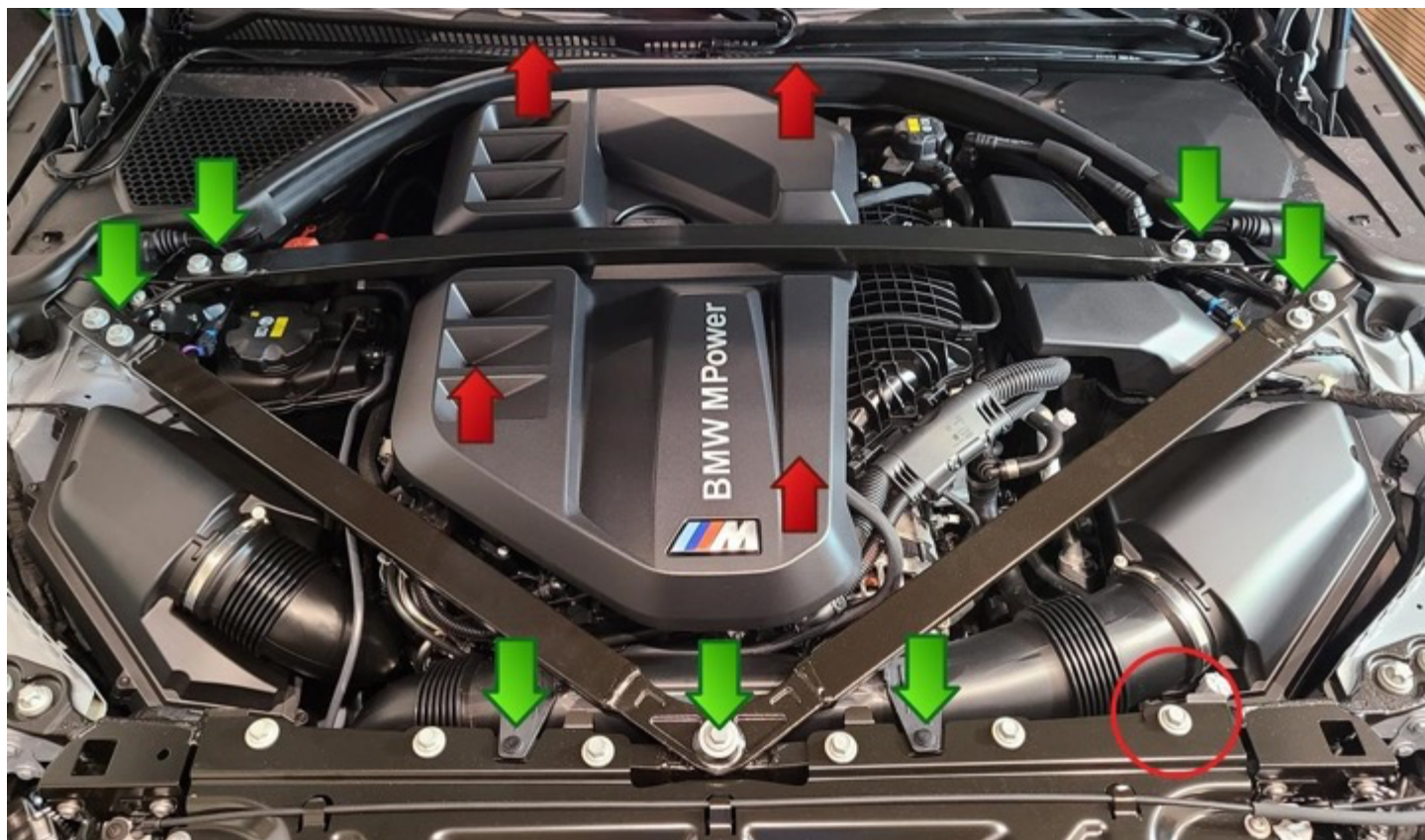
Last updated September 20, 2024

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Remove both strut braces by removing these (8) 15mm bolts and (1) 13mm center bolt. Then pull upward on the engine cover in the front and rear to remove. Remove the plastic tabs that hold the factory intake pipe on. Remove the 15mm bolt circled in red. (That's where the BMS intake tube bolts to)



Remove this sensor by squeezing the upper and lower tabs and pulling outward. It's a little tricky.



Loosen both clamps on the right and left airbox tubes with a flat head screwdriver or a 6mm socket and remove the factory airboxes.





Remove the plastic air inlets that were connected to both boxes and remove 6 rubber grommets that were connected to the bottom of the airboxes and inlets and put them with the factory airboxes for safe keeping. If left in place they could fall out and get lost over time.



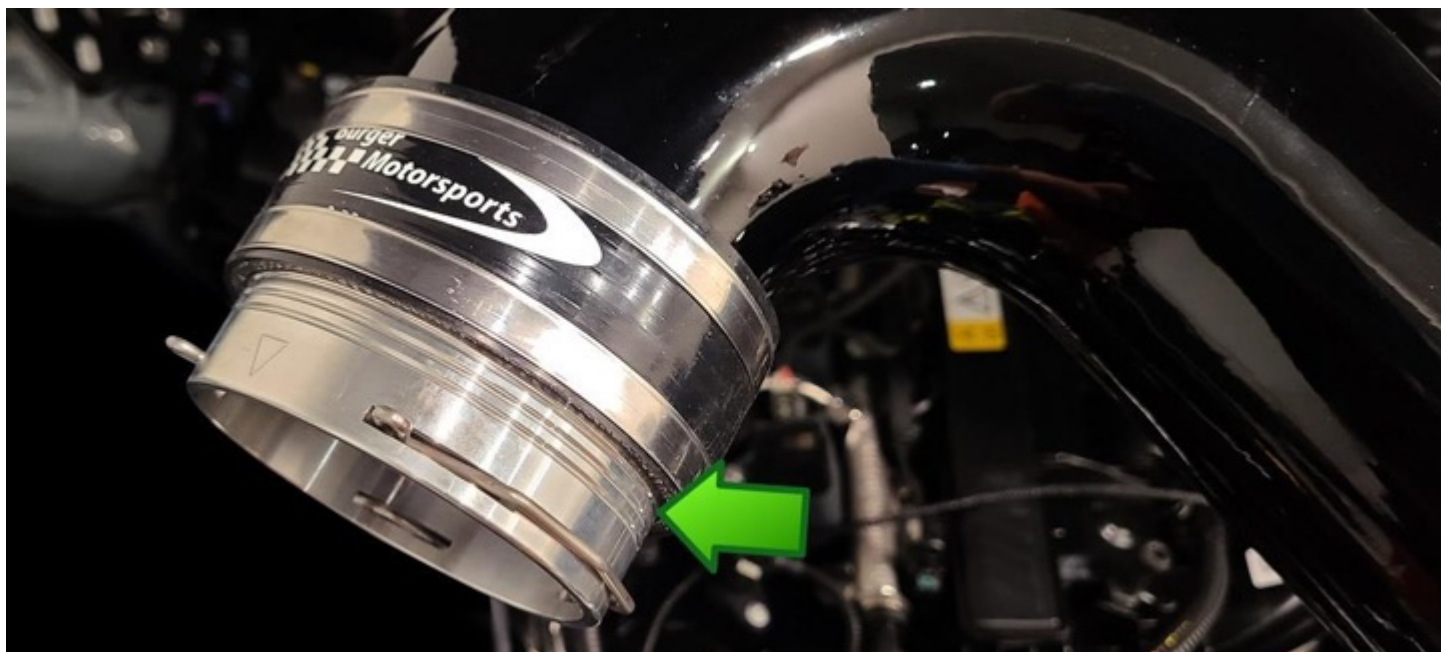
Now remove the factory plastic pipes from the turbo inlets by pulling up on the wire clips with a large screwdriver. These clips will need to be removed and reused on the BMS intake tubes.



Loosely assemble the front mount intake system outside of the vehicle. The shorter "L" pipe that goes to the filter goes on the left side (looking at the intake).



Now put the supplied BMS billet coupler together and clamp it to the intake tube. The black silicone piece should go just above the first groove. The green arrow below points to this first groove. Leave a little room between the machined billet piece and the intake tube inside the coupler. They shouldn't touch. Look inside to verify. Then tighten the clamps and put the factory clip inside the billet piece. The engraved arrow should be facing down and the open part of the clip should be between the arrow like the picture below.



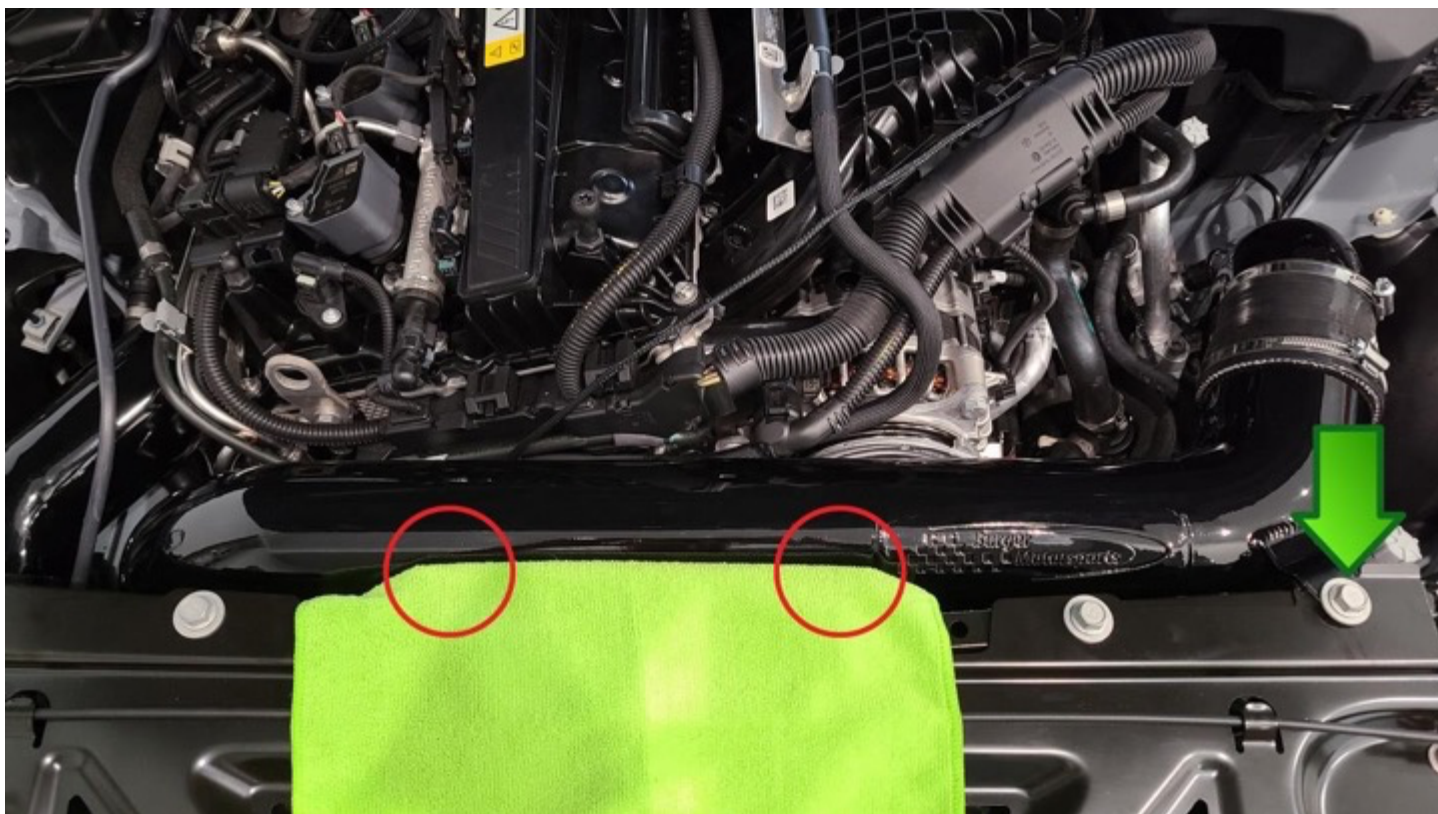
Put the factory clip in the other shorter tube built-in coupler. It only goes in one way. Place the supplied O-ring gasket inside this tube to ensure a perfect seal.



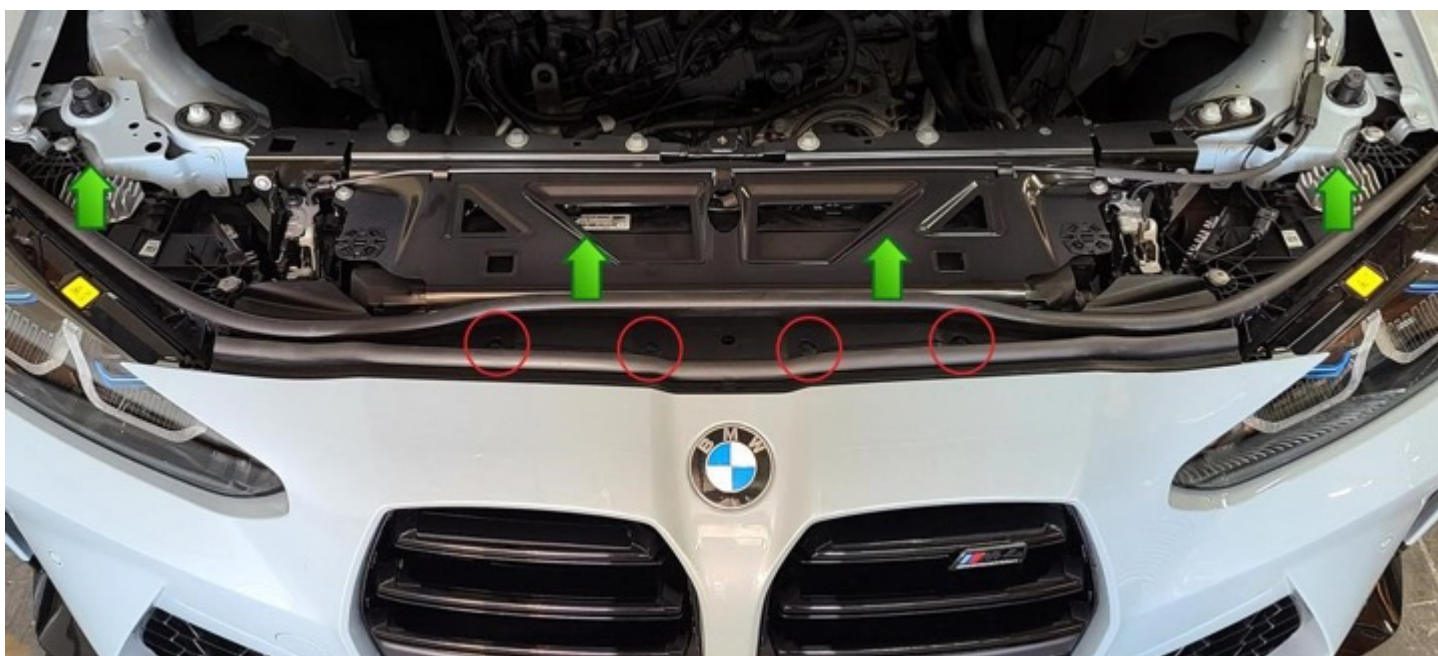
Now attach this short tube to the vehicle. Make sure the factory clip is secure and the tube is locked into place.



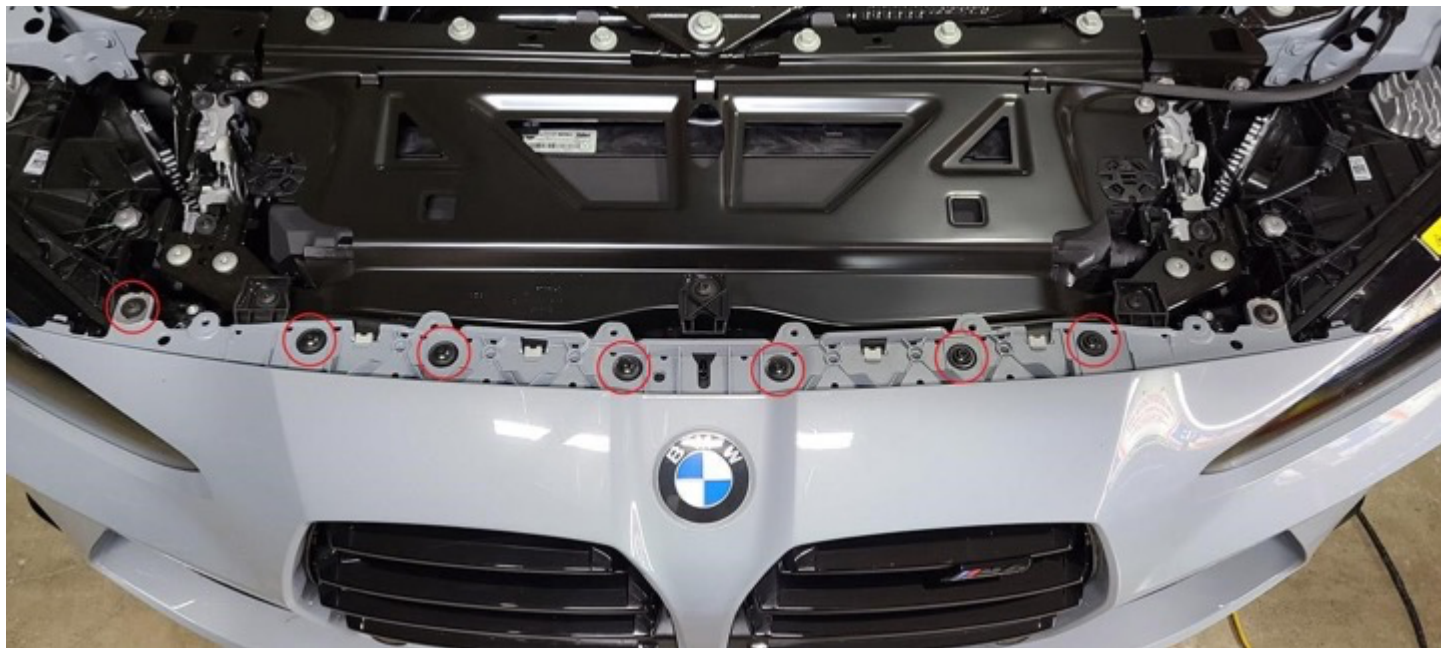
Cover the two circled metal tabs with a towel or tape to avoid scratching the large BMS intake tube. Loosely attach the filter to the end of the tube and click the pipe to the turbo inlet. Then bolt the 15mm bolt with the green arrow back into the bracket. Plug in the wire you removed.



To start the front bumper removal process, peel up the weather stripping with the green arrows. Then remove the plastic clips circled in red.



Remove the T25 torx screws under the cover.



Now securely raise the front of the vehicle with jack stands or put in on a lift. Remove the right and left front wheels and remove the front half of the right and left plastic front wheel well covers by removing all the circled 8mm screws. Next disconnect the parking sensor and ambient temperature sensor in the wheel well. If your vehicle is equipped with active cruise control, there will be a 3rd sensor (not shown) to disconnect.

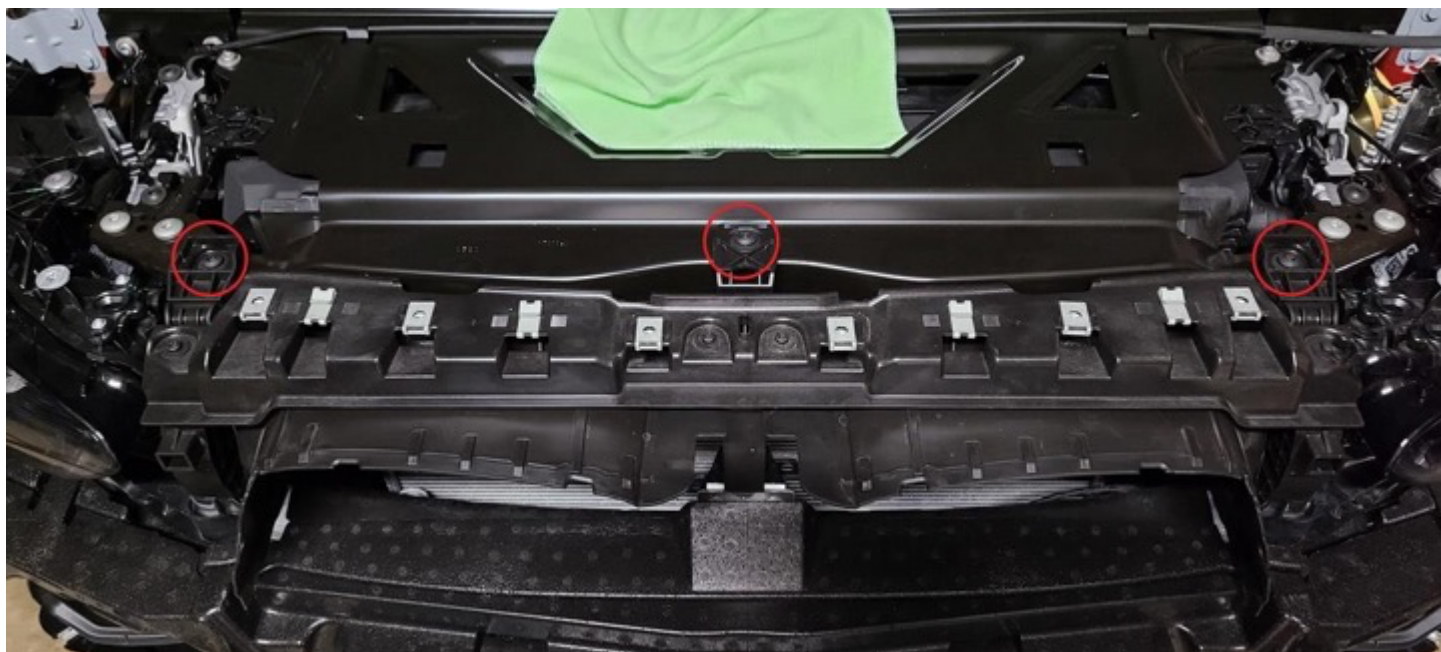
Now remove all the 8mm screws and a few plastic tabs below the bumper cover.



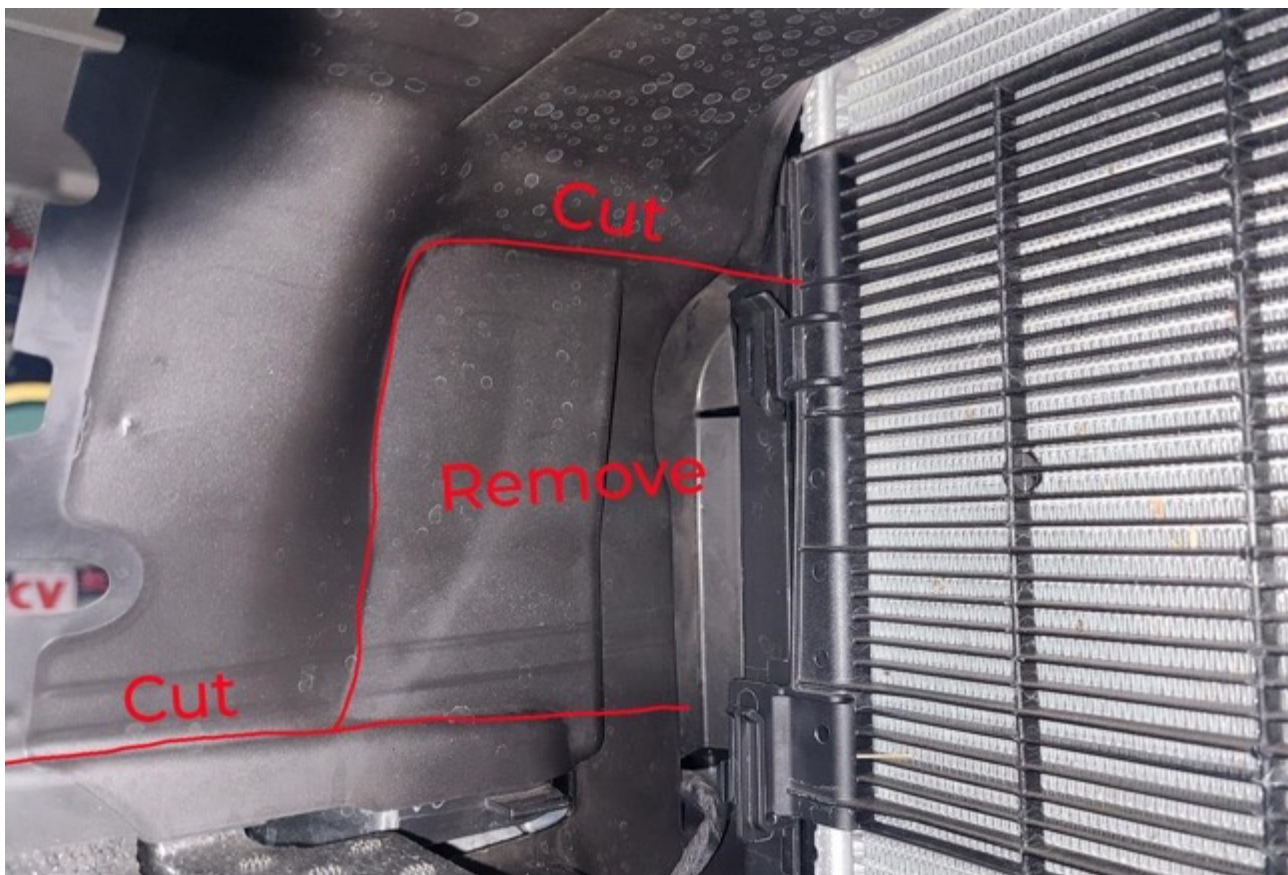
Now remove the four long black 8mm screws on the right and left side of the bumper cover that hold the bumper cover to the fender and have another person help you carefully pull the bumper cover off and move it to a safe location.



Remove the three T30 torx screws. And pull this piece up. It's attached to the car in 3 places below the 3 pillars. It will take some force.



Now cut the upper plastic radiator shroud out by doing the lower cuts first with tin snips or similar tool. Then remove it from the vehicle by removing the plastic tabs and cut holes for the intake tubes to pass through on both sides.



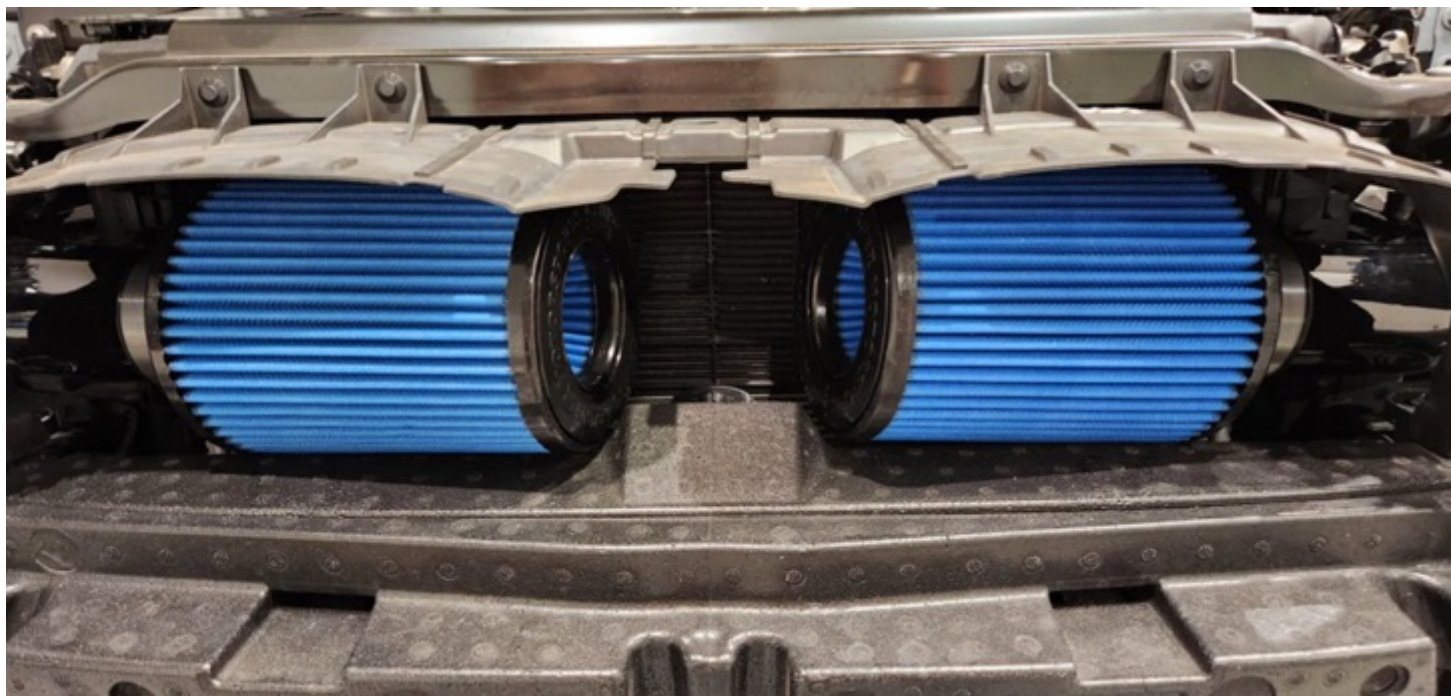
It should look like this. How accurate the cuts are is up to you.



Now assemble the rest of the intake tubes as shown and loosely connect the couplers. U-bend goes on the right side (looking at the car) and the short "L" tube goes on the left side.



Position the air filters as shown. Get them even for best looks. Tighten all clamps and make sure all the couplers are secure. Put the engine cover and strut braces back on.



Now replace the cut plastic radiator shroud by attaching the plastic clips. Click the 3 support columns back into place. Carefully replace the bumper cover. Tighten the upper bumper cover torx screws first to adjust and perfect the gap between the bumper and the hood.



Completed.

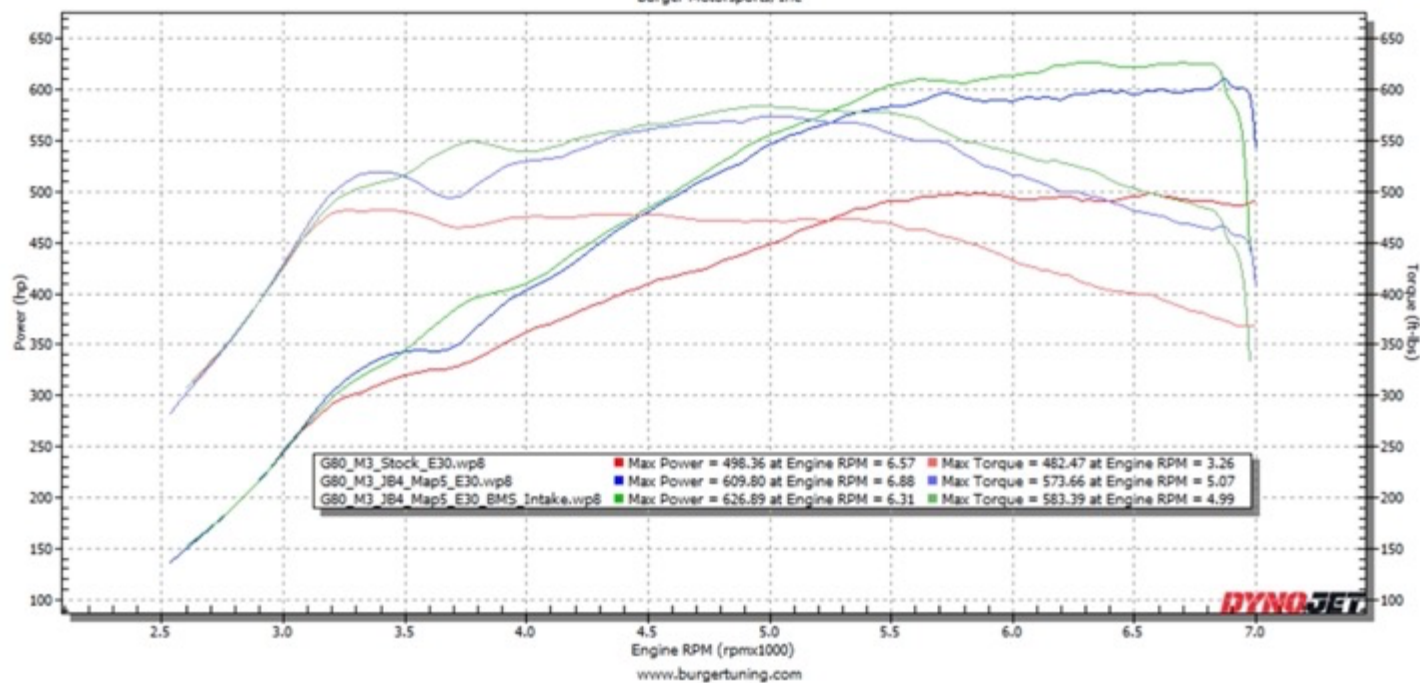


Dyno Results

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CF: STD Smoothing: 5



 **WARNING:** Cancer and reproductive harm
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Purchase S58 JB4 Tuner [here](#).

Replacement air filters can be purchased [here](#).

Filter oil and cleaning kits can be purchased [here](#).

