

## Billet Intake for 2019+ G Chassis BMW X3 X4 X5 X6 X7 Install

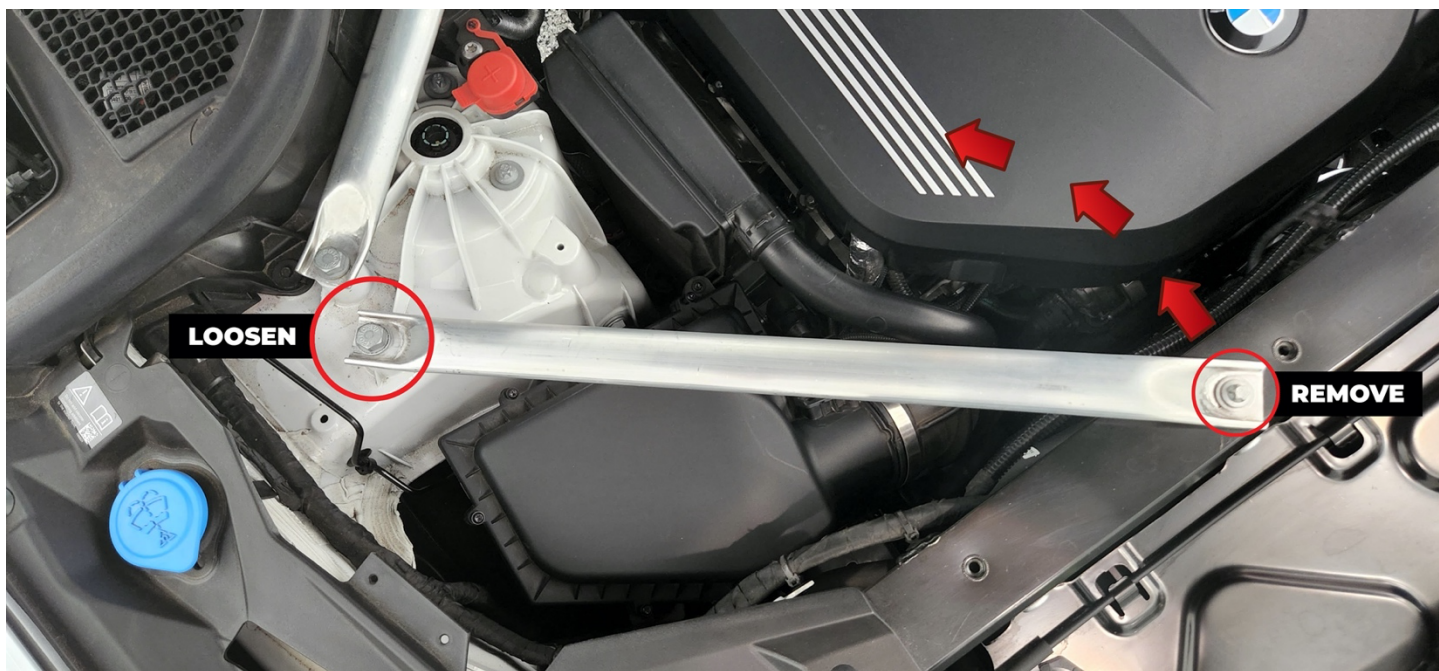
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First rotate the strut brace out of the way by loosening 18mm the bolt on the strut tower and completely removing the lower E12 E torx bolt. A 10mm socket can be used if you don't have the E12 specially socket. This will give you needed room to access the factory intake.



Unplug the MAF sensor. Remove the factory airbox lid by loosening all 5 of the T25 torx bolts.



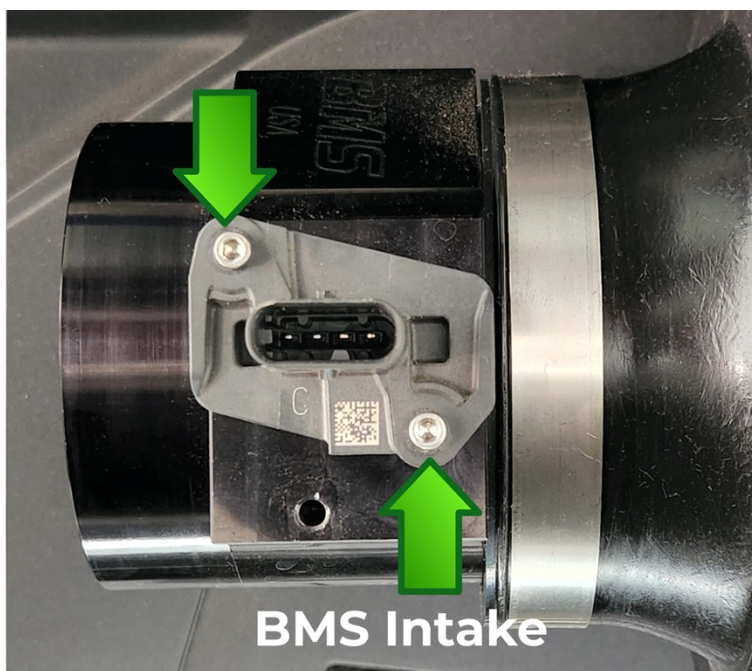
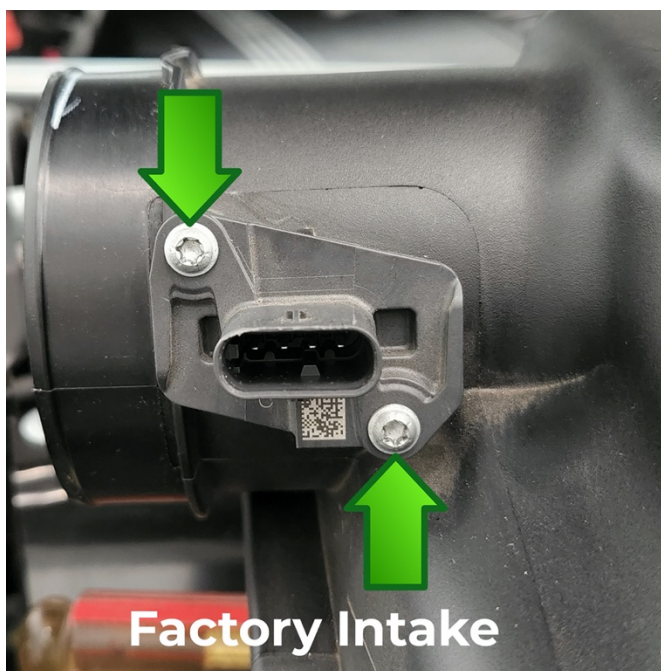




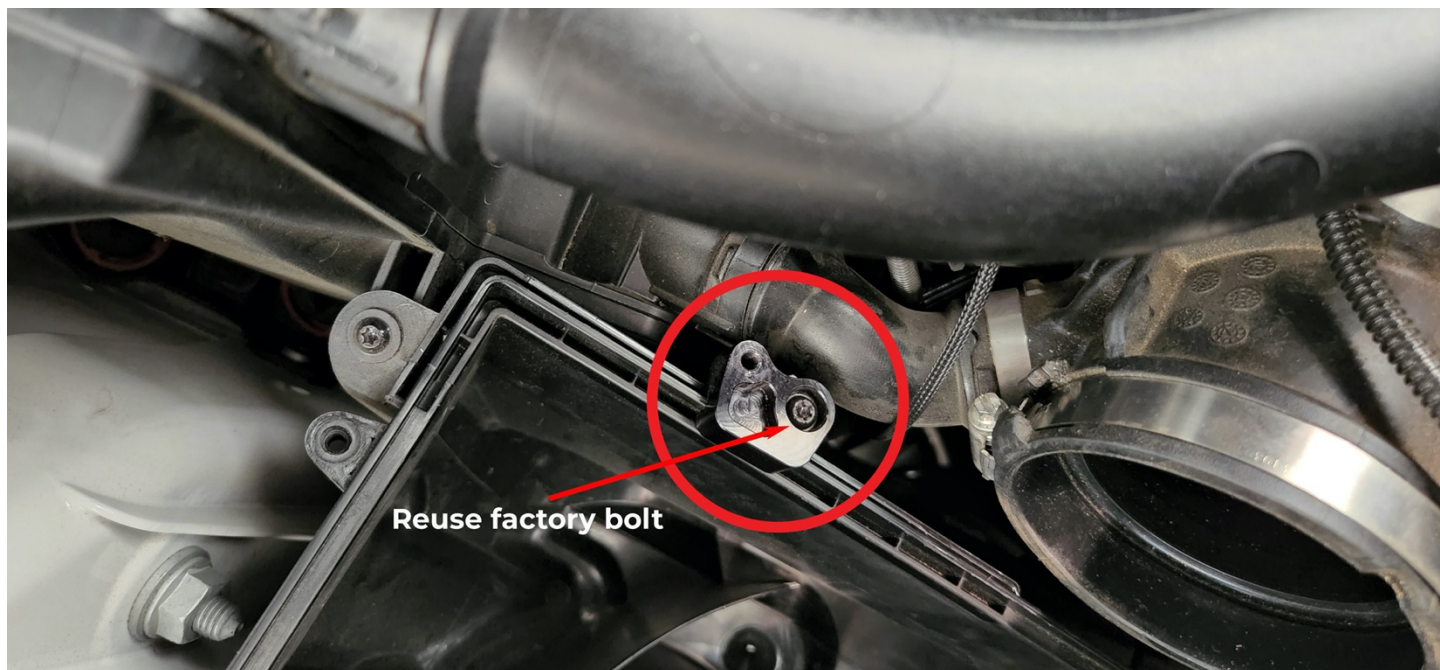
**Factory T25 Torx Bolt**

Take the middle torx bolt out from under the MAF sensor and put it aside. It will be used to bolt down the BMS intake bracket to the factory airbox bottom.

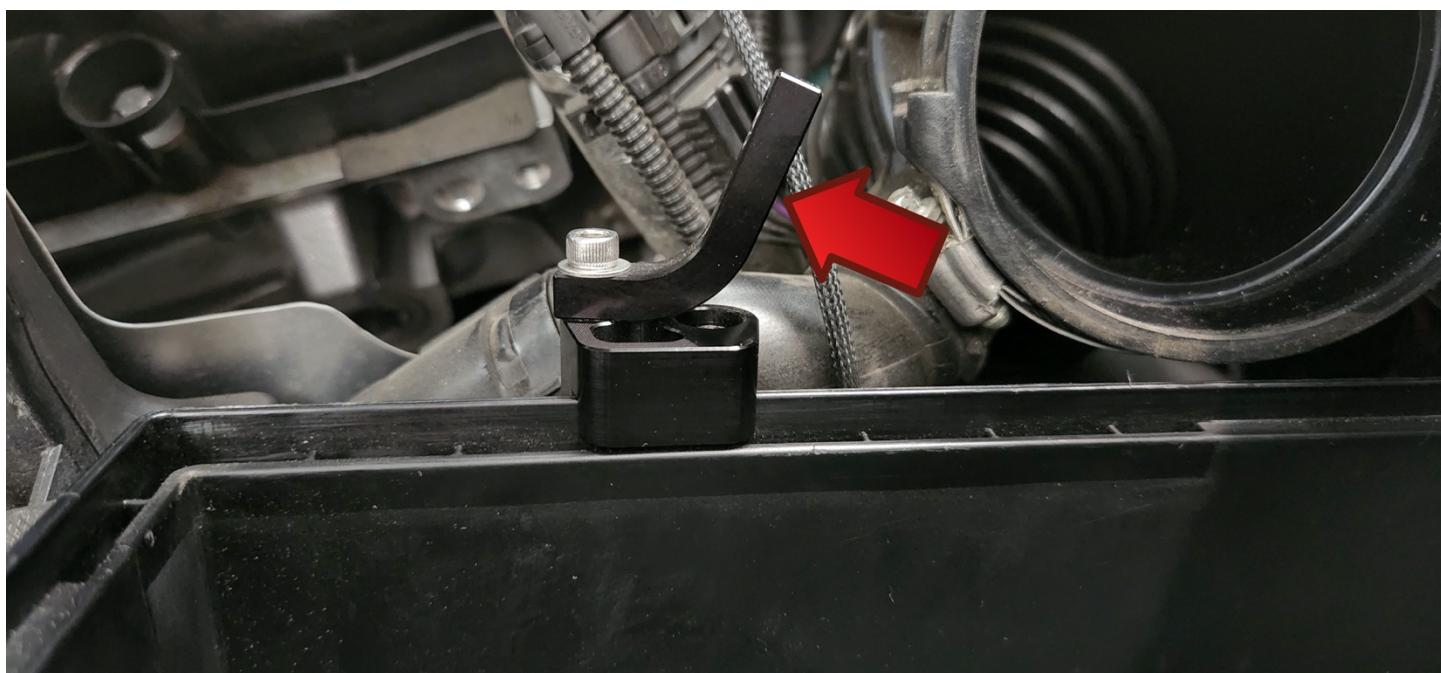
Remove the MAF sensor by unscrewing the two T15 torx bolts. These factory bolts will not be used with the BMS intake. Place them back in the holes they were removed from in the factory airbox for safe keeping. Next bolt the MAF sensor to the BMS intake with the supplied allen bolts. It can only bolt in one way. Don't use the factory bolts. They won't fit and could damage the BMS intake.



Bolt the bottom of the BMS intake bracket to the middle hole on the right side of the factory airbox bottom using the factory torx bolt you removed in the previous step. Be careful not to over tighten the bolt or it will strip the fragile plastic threads.



Next loosely bolt the curved "J" bracket to the bracket and BMS intake tube under the MAF sensor. The shorter part of the "J" bracket attaches to the airbox bracket adapter. Longer part to the intake itself.





Attach the cone filter to the BMS intake tube. The filter should slide all the way down to the MAF sensor housing. Place the intake with the filter in the vehicle and loosely attach the top part of the "J" bracket to the intake. Rotate the BMS intake to the correct position the "J" bracket bolts are tightened to a flat surface on the intake and airbox bracket. Tighten the inlet tube hose clamp around the BMS intake. Now tighten the "J" bracket screws. Plug the MAF sensor wire back in. Replace the strut brace to the correct position and the installation is complete!

