CTS Turbo MK7 GTI FMIC Install Instructions



Included in the kit: 450hp Core, 2x Silicone Tubes, 3x M8x20mm bolts, 3x M8 nuts, 4x gear clamps, 1x SAI Bracket

Have the following tools at hand:

- 13mm Socket
- 12mm Socket
- 8mm Socket
- 1/8 Drill bit
- 9mm Drill bit
- T25 Torx

Make sure the car is cooled off before starting the install.

Step 1: Raise the vehicle on jackstands or hoist. Raise the hood. Remove the grille by undoing 2x T25 torx screws on top and carefully pulling it loose from the top (pull towards you). Pull the grille UP free from the car (pull straight up).



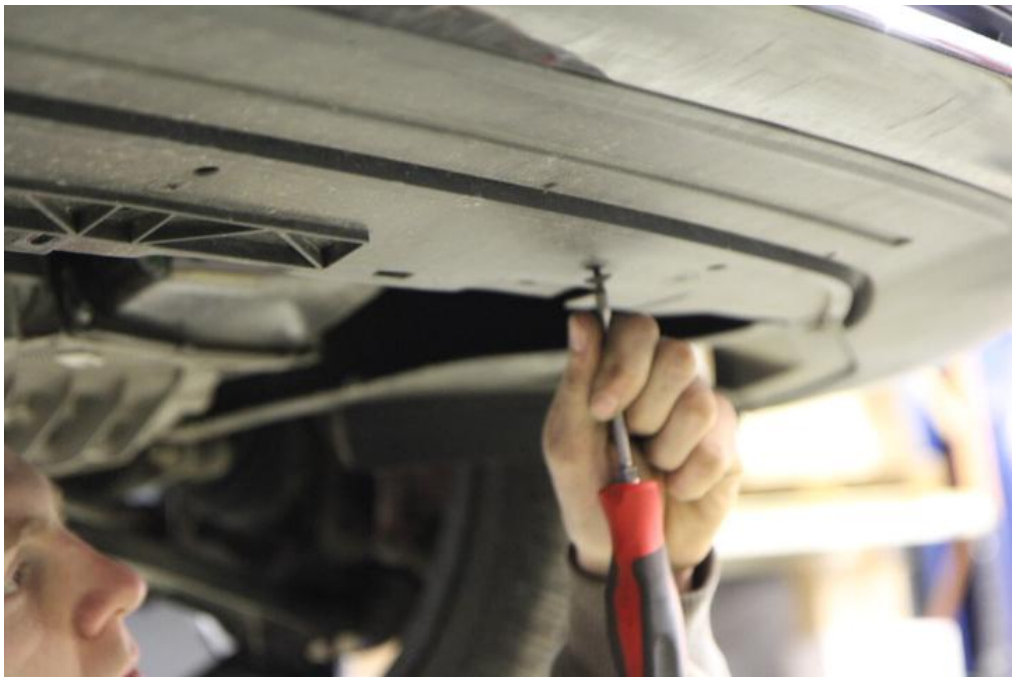
Step 2: Remove 3x fender liner screws on both sides of the car.



Step 3: Remove 8x splash guard screws from the bottom of the car. Remove splash guard.



Step 4: Remove 7x screws under the bumper.

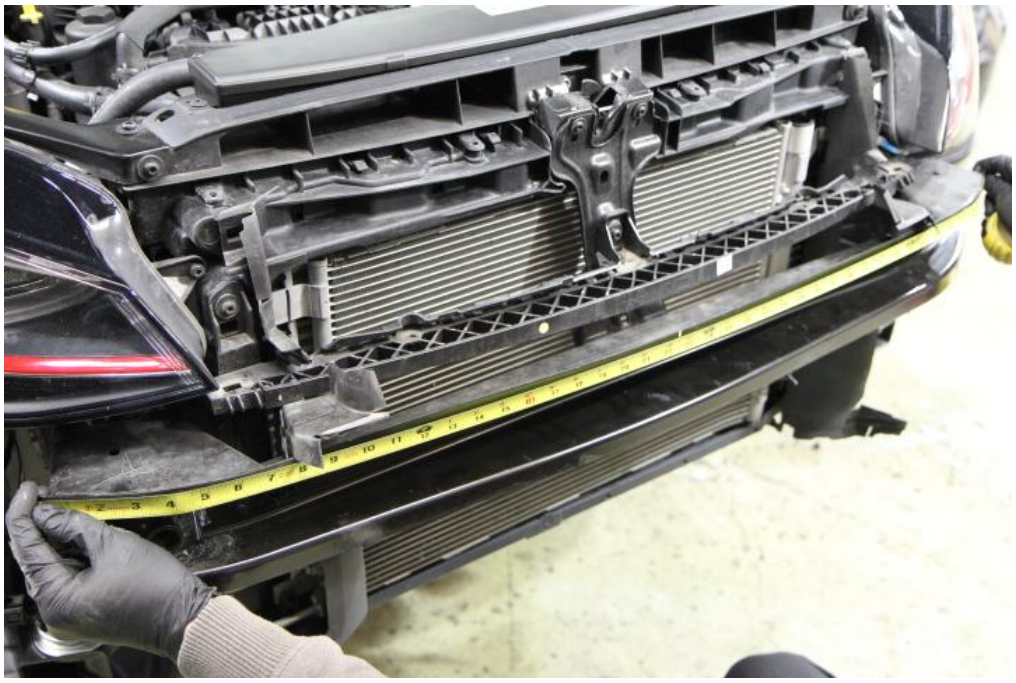


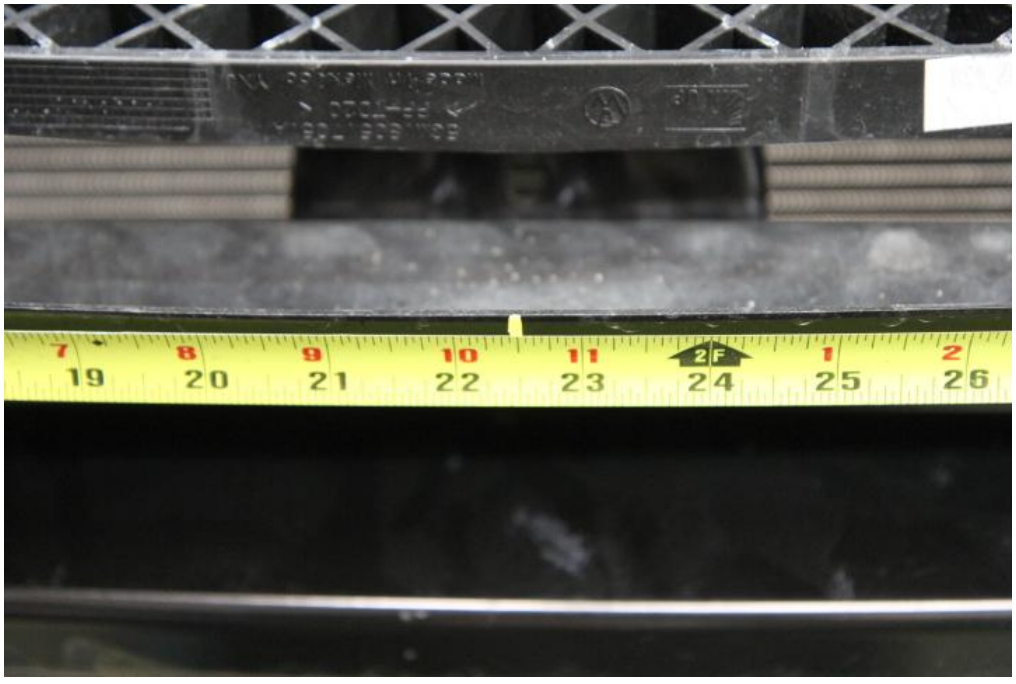
Step 5: Remove the bumper. Pull off the sides of bumper from the wheel well. Unclip the retaining tabs next to each headlight. Pull bumper forward and free from the car. Disconnect foglight harnesses.





Step 6: Remove the foam crashbar. Measure 22.5" from the right side of the car and mark the center line.

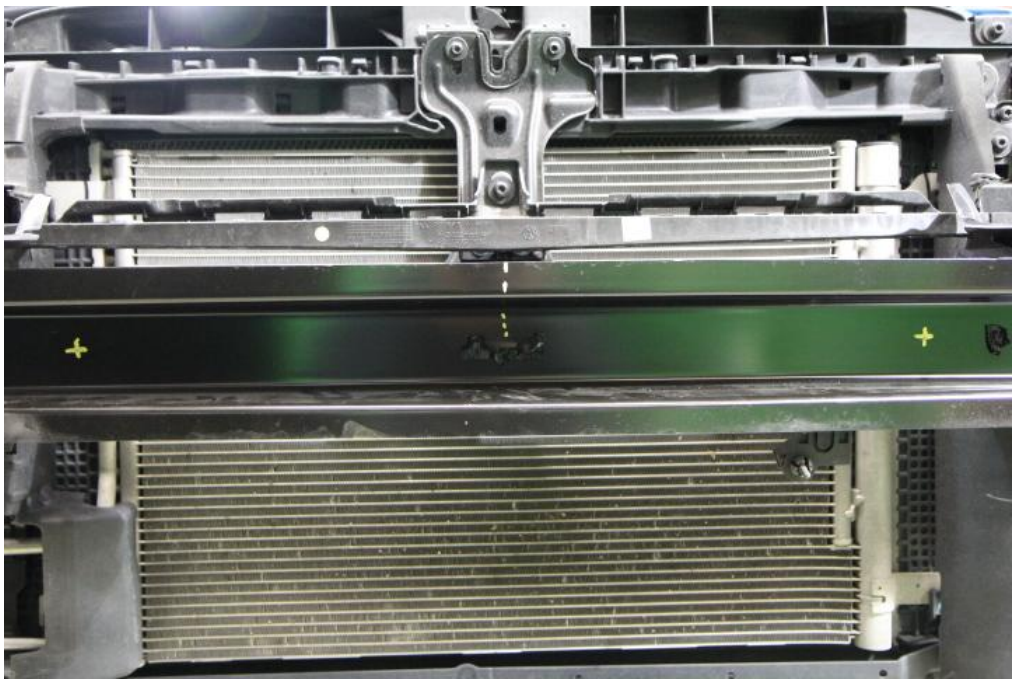




Step 7: Measure 11.75" from the middle of the right hole on intercooler mounting bracket and mark the center line.



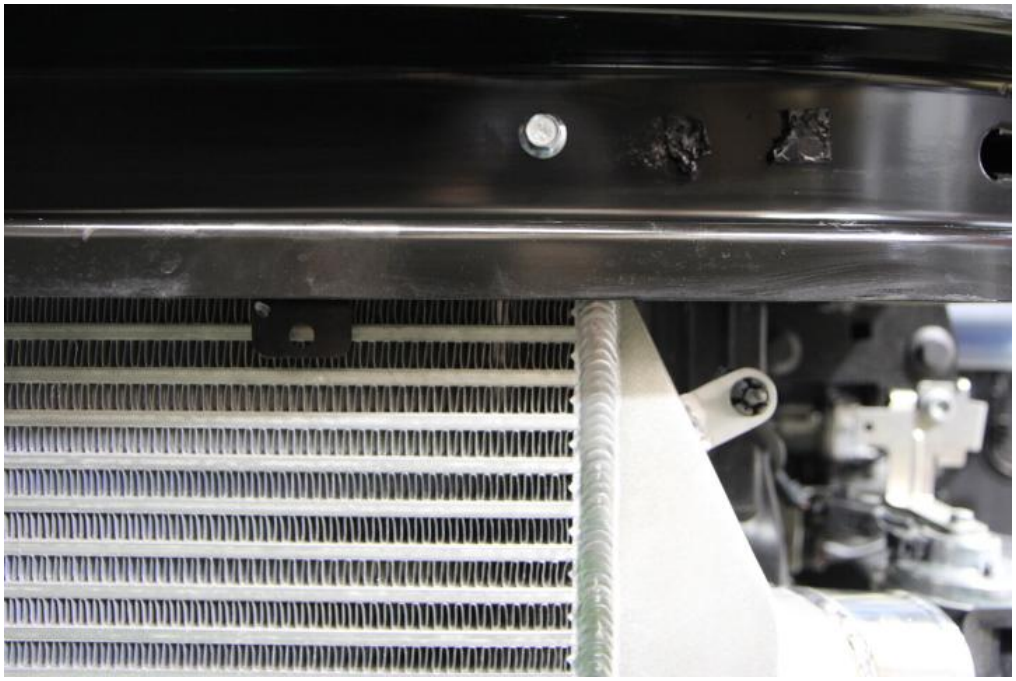
Step 8: On the crashbar, mark 11.75" to the left and right of the center line. Mark mounting holes, try to align mounting holes in the middle of the crash bar.



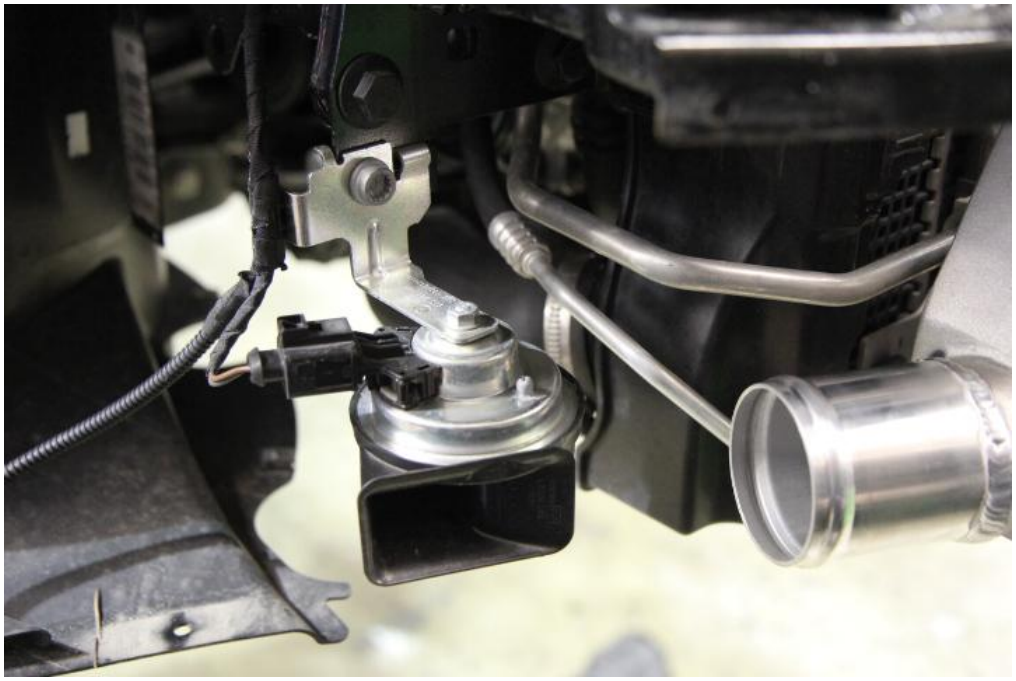
Step 9: Center-punch and drill mounting holes. Start with a small drill bit and work your way up to 9mm. Be careful not to damage the A/C condenser.

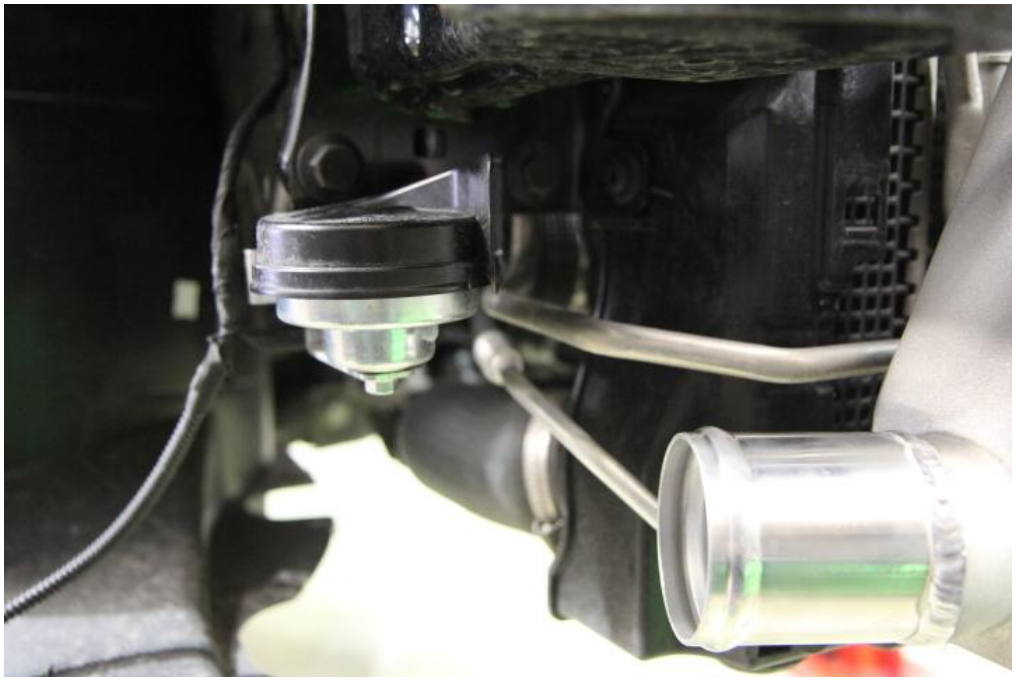


Step 10: Remove the temperature sensor from the mounting bracket, install the intercooler using supplied M8 bolts, and reinstall the temperature sensor as shown.

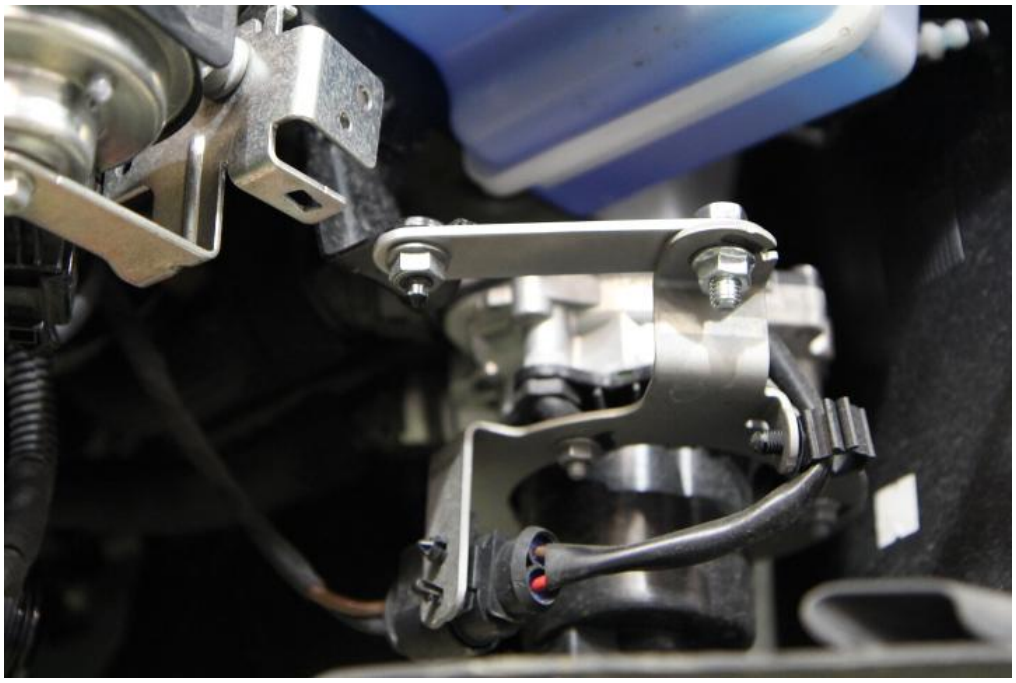


Step 11: Flip the horn on right side on car. Repeat on other side as shown.

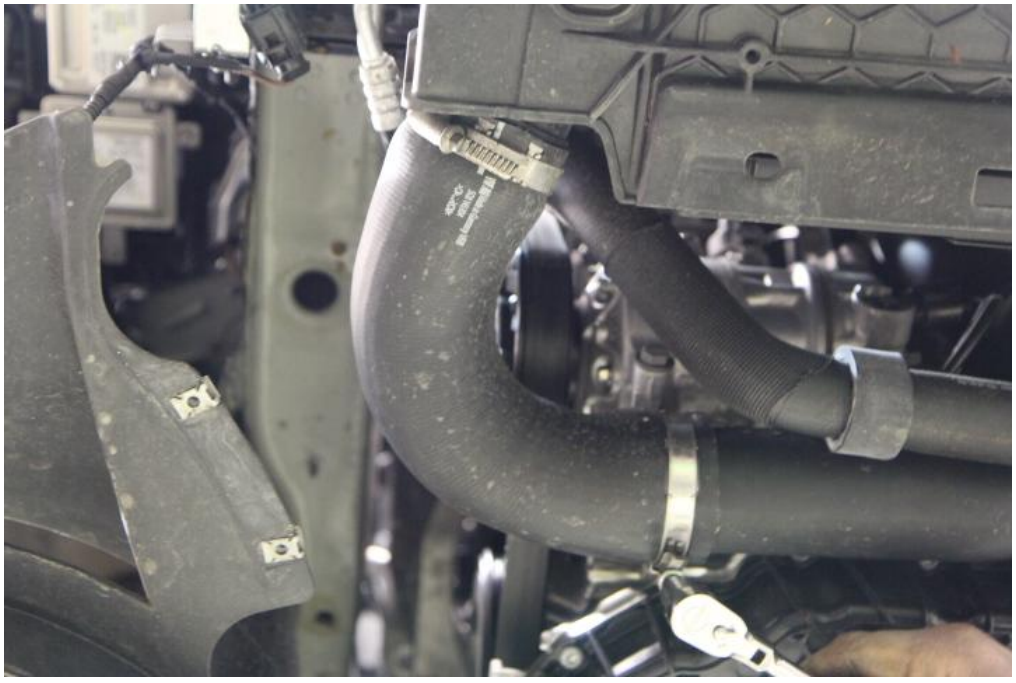




Step 12: **OPTIONAL**, this step applies only to cars with SAI system - remove the mounting bolt for SAI pump, loosen the second mounting bolt on the back. Install supplied bracket to move pump out of the way.



Step 14: Remove factory intercooler hoses from both sides of factory intercooler.





Step 15: Install CTS Turbo hoses, do not overtighten clamps.



Step 16: Remove two plastic covers from the bumper as shown.





Step 17: Reinstall bumper, plug in foglights. Reinstall splash guard and fender liner.



You are done!