

INSTALL TIME: 1 hour

DIFFICULTY LEVEL: 3

TOOLS NEEDED: socket driver
12 mm socket
13 mm socket
13 mm wrench
T20 torx bit
flat head screwdriver



1. Start by removing the engine cover. This can be done by lifting at each corner of the cover. Then remove the electrical connector from the MAF sensor and loosen the intake pipe clamp. (Fig 1 and Fig 2)



Figure 1

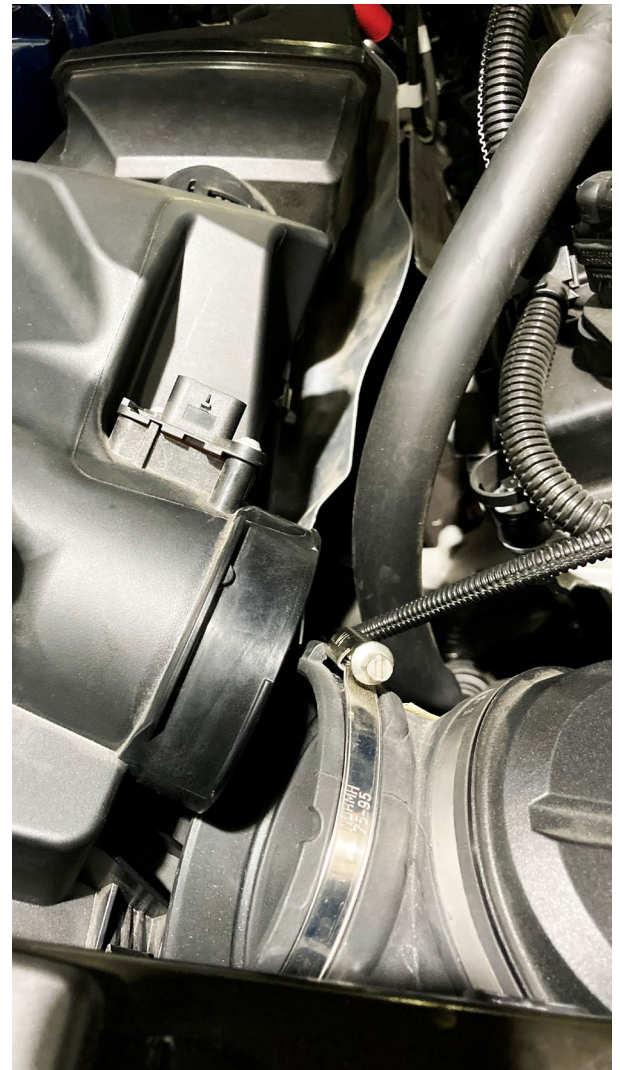


Figure 2

2. Move the air intake pipe away from the air box assembly. Then lift upwards to remove the entire air box assembly, including the aluminum heat shield and sound canister. (Fig 3)

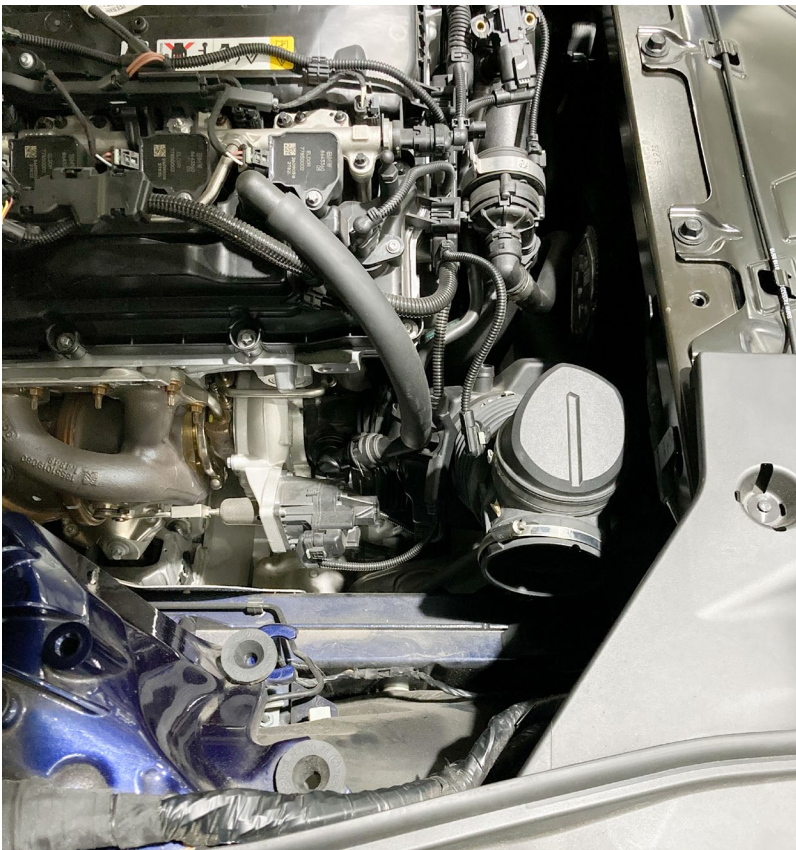


Figure 3

3. Remove the heat shield and sound canister from the air box assembly using a T20 torx bit (6 locations). (Fig 4, Fig 5 and Fig 6)



Figure 4



Figure 5



Figure 6

4. Remove the sound canister from the air box assembly. Using a flat head screwdriver lift upward on the slotted area. Install large rubber cap in place of sound canister. (Fig 7 and Fig 8)



Figure 7

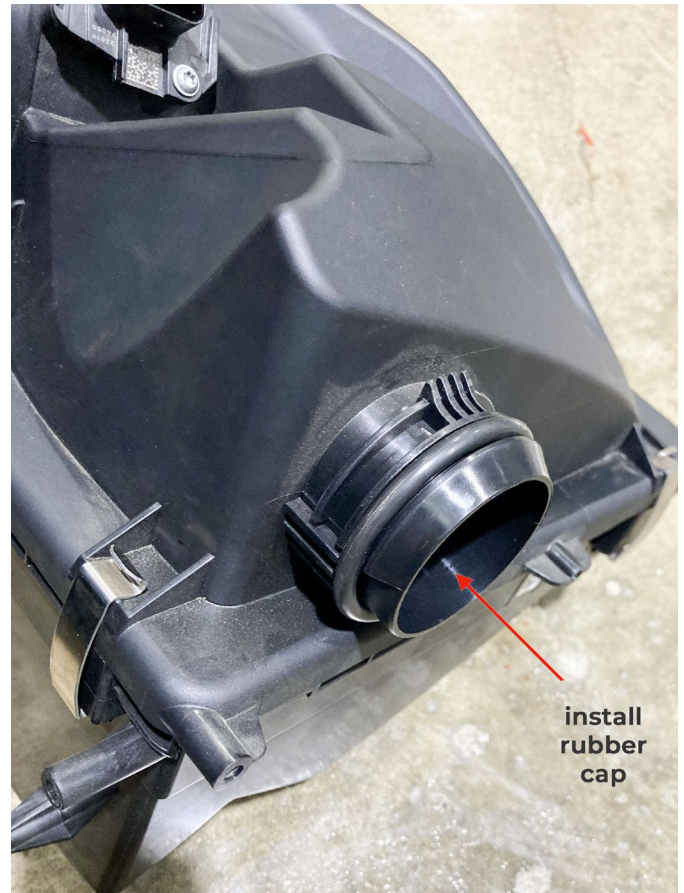


Figure 8

5. Unclip the wire harness routing clamp and lift upward on the retaining ring around the turbo inlet. There are tabs above and below the turbo inlet, so you will need to lift both of them. Do not remove air intake pipe yet. (Fig 9 and Fig 10)

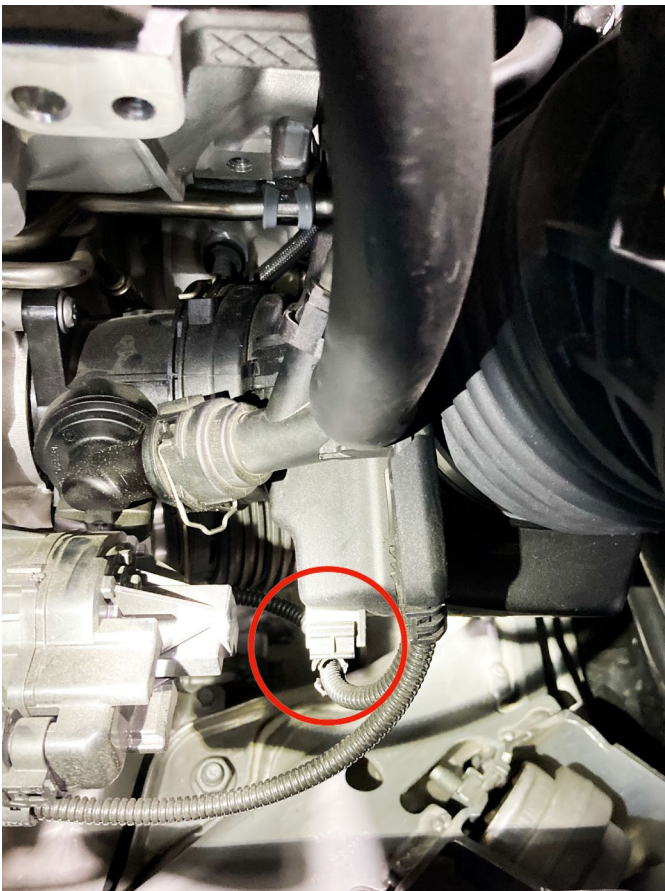


Figure 9



Figure 10

6. Remove the fitting on the intake pipe by squeezing the plastic retainer. Then remove air intake pipe from engine bay. (Fig 11 and Fig 12)

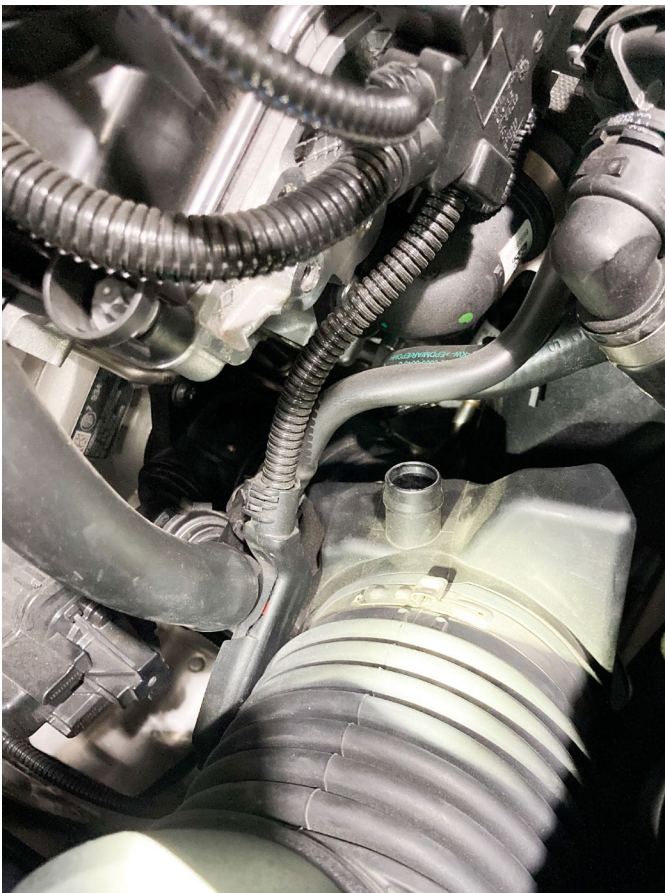


Figure 11

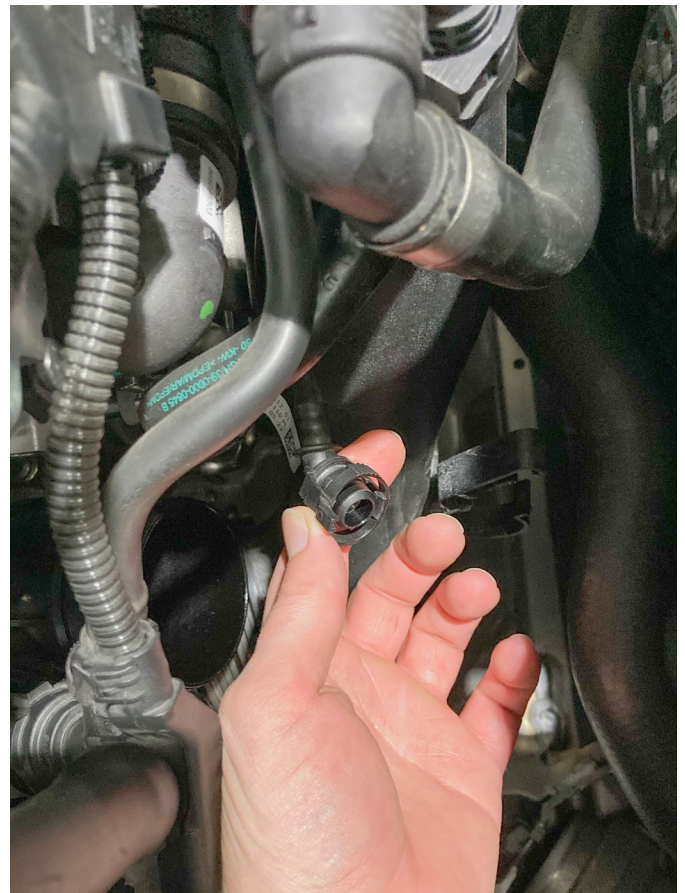


Figure 12

7. Install the catch can mounting bracket. First, remove the OEM bolt on the strut tower using a 13 mm socket. Then, using the provided hardware install the mounting bracket.

The flange bolt will go in the through hole and you will need to thread on the flange nut in the wheel well. (If your vehicle is lowered, you will need to jack up the passenger side.)

Thread in the black phosphate hex head bolt tighten using a 13 mm socket. Tighten the flange bolt using a 12 mm socket. Finally, install the catch can using the (2) M8 bolts provided with a lock washer and a flat washer. Tighten the catch can using an open ended 13 mm wrench. (Fig 13, Fig 14 and Fig 15)



Figure 13



Figure 14



Figure 15

8. Install the hoses on the OEM fittings. Using the provided aluminum fittings, install the 3/8" hose. The female fitting with the shorter hose will be installed into the plastic connector that was removed earlier. The longer hose with the male fitting will need to be routed through the OEM hoses to be in a similar location as the female fitting. (Fig 16 and Fig 17)



Figure 16

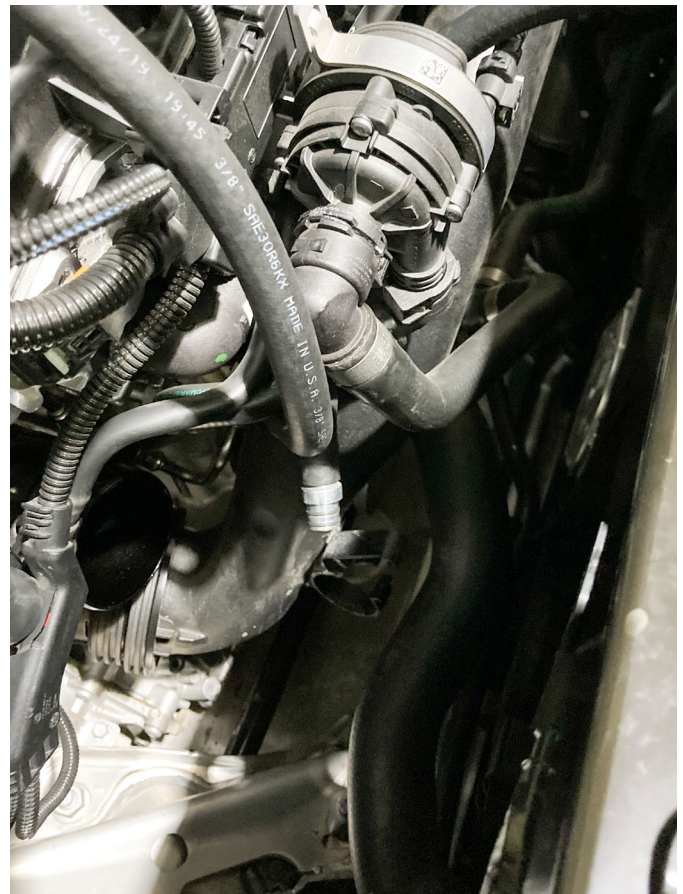


Figure 17

9. Re-seat the metal retaining clip on the OEM air intake pipe. (Fig 18 and Fig 19)



Figure 18



Figure 19

10. Place air intake pipe into OEM location, but do not connect to turbo. First, install the male fitting in the air intake pipe. Then, install the air intake to the turbo. Finally re-install the wire harness to the small clip on the intake. Route hoses to the catch can. The shorter hose will route to the bottom of the catch can inlet. The longer hose will need to be routed to the top fitting. (Fig 20 and Fig 21)

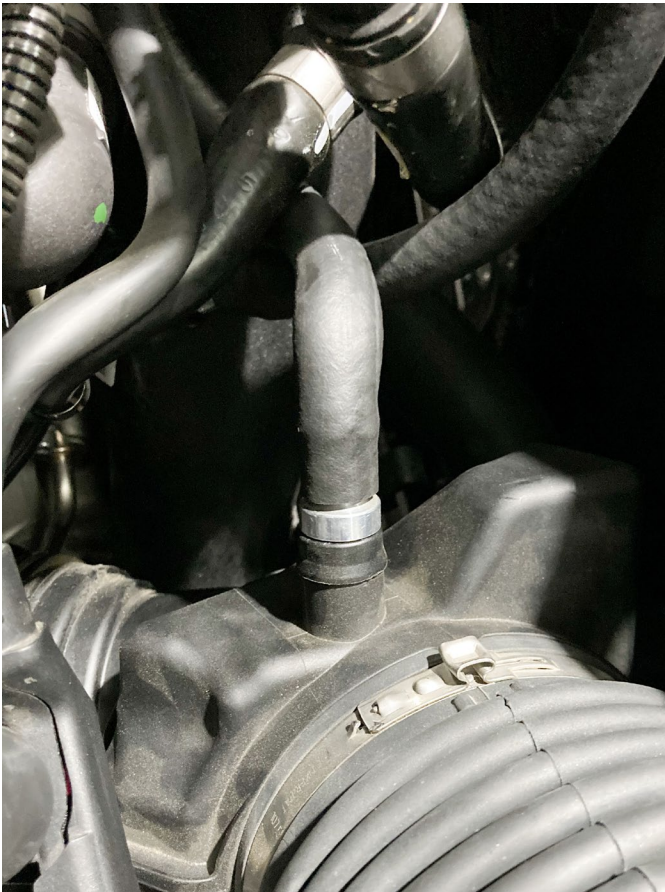


Figure 20

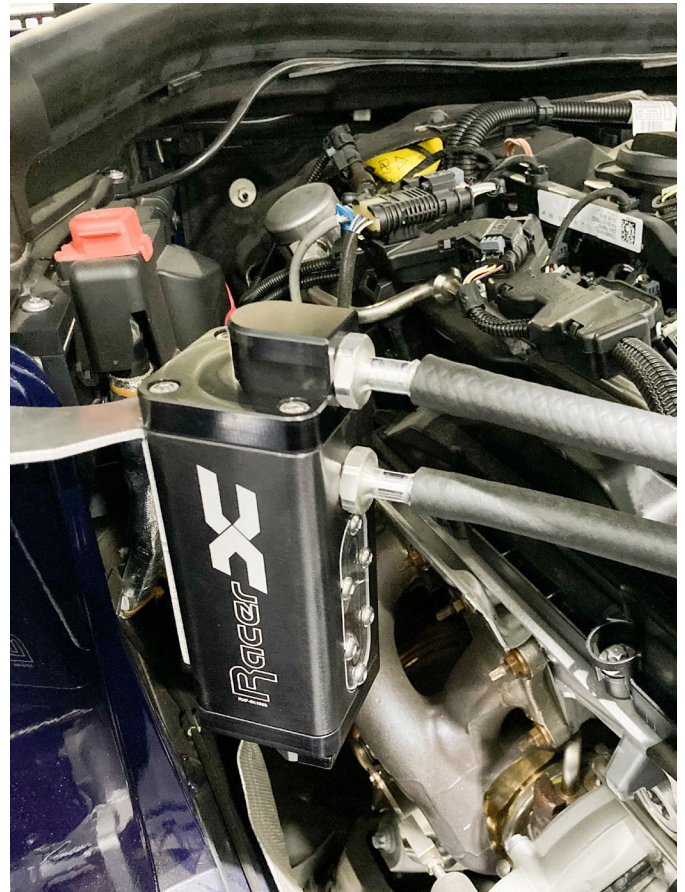


Figure 21

11. Lightly lubricate hoses and press onto the hose barbs. Finally, re-install the engine cover. Be sure to route the lines so that the cover can seat properly.

Installation is complete. (Fig 22 and Fig 23)

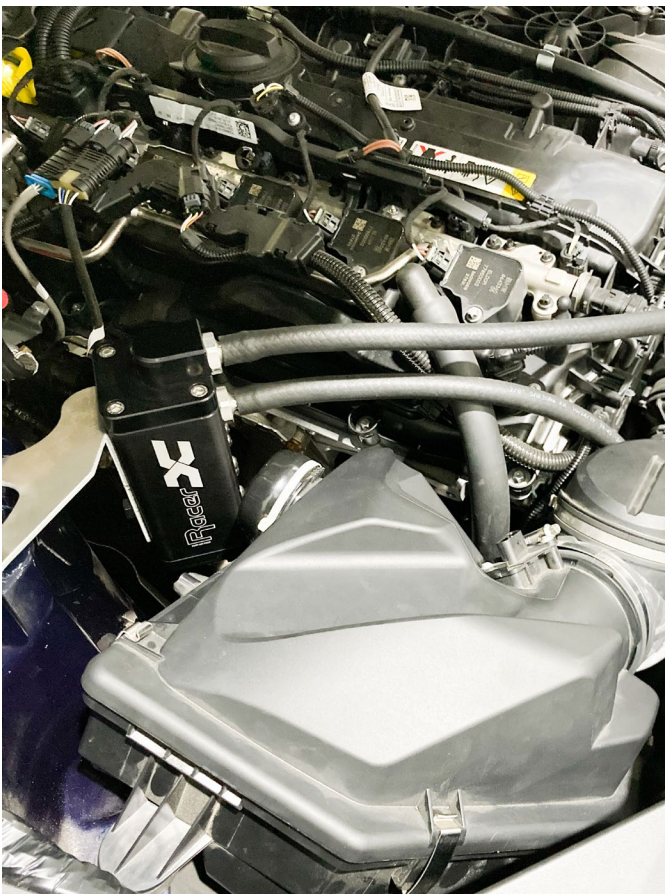


Figure 22



Figure 23