



EVOMS Cayenne TT V-Flow Installation Instructions

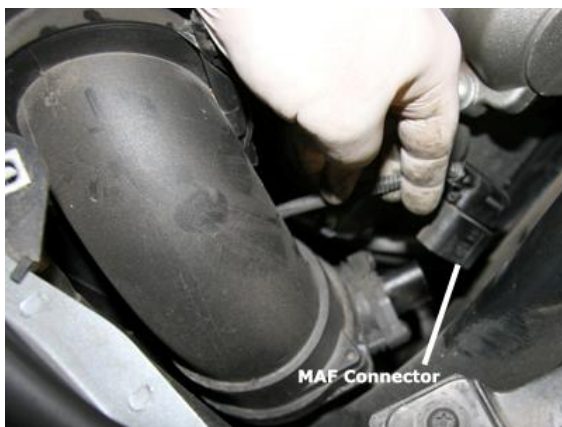
Passenger's Side OEM Air Box Removal:



1) Using a flat head screw driver, remove the plastic OEM engine covers by unscrewing the large plastic hold down clips. These only require a ¼ turn to remove.



2) NOTE: The passenger's side engine cover also has a T-20 Torx that must be removed



3) Unclip the MAF (Mass Air Flow Meter) connector.



4) Remove the OEM air box cover by rotating the two locking bolts 180 degrees and then pulling them straight up. You will need to do this with a pair of pliers.

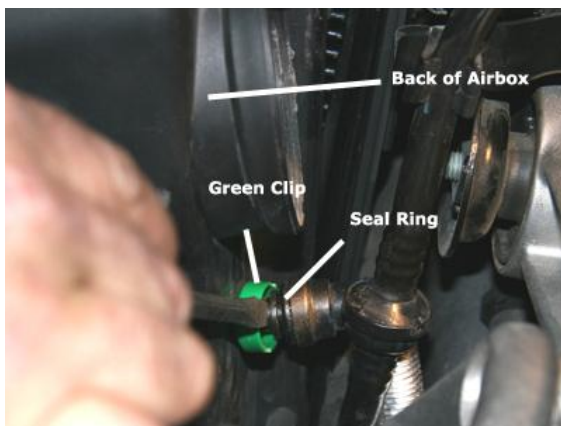


5) Using a 7mm ratchet, loosen the hose clamp that secures the MAF tube to the turbo inlet tube. This clamp is not shown in this photo and it is located on the downward side of the MAF housing.

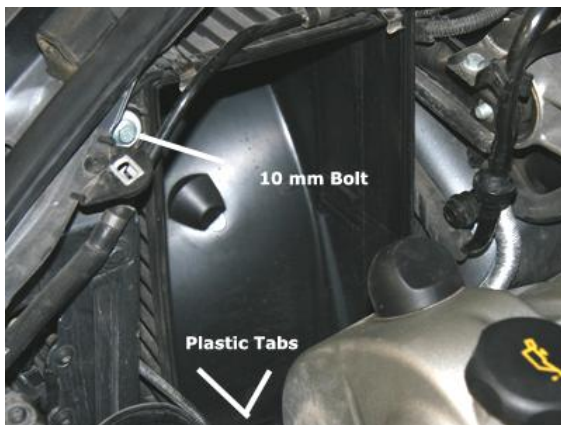
IMPORTANT NOTE: Be sure to note the orientation of the Mass Airflow Meter and the exact direction the head of the meter is pointing. It fits between the engine valve cover and the boost pipe. This is the direction that you will have to reinstall it in a later step. Additionally, this MAF / MAF housing has directional flow. Be sure that it gets reinstalled in the same direction.



Once this clamp is loose, remove the MAF tube which is connected to the MAF housing. NOTE: You may have to twist and/or pry on it with a flathead screwdriver. BE CAREFUL not to tug on it too hard as the pipe that it connects to is plastic and can break with too much force.



6) Remove the air ride connection that is located on the back of the air box assembly. First pop off the green vent clip with a small flat head screwdriver or pick. Next, push the seal ring away from the air box with a flathead screwdriver as shown in the photo to disconnect the air ride vent line.

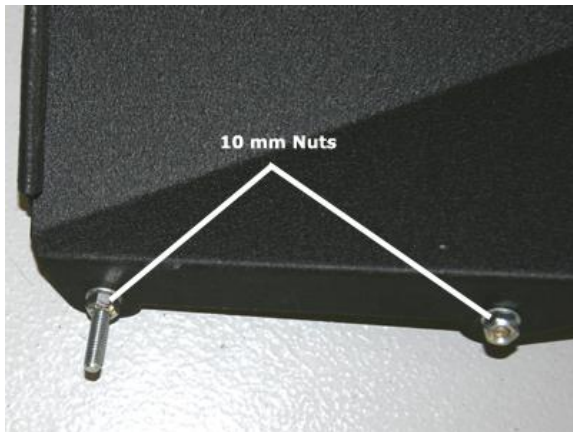


7) Remove OEM air box cover and filter. This will pull out at this point exposing the air box back housing as shown in this photo.

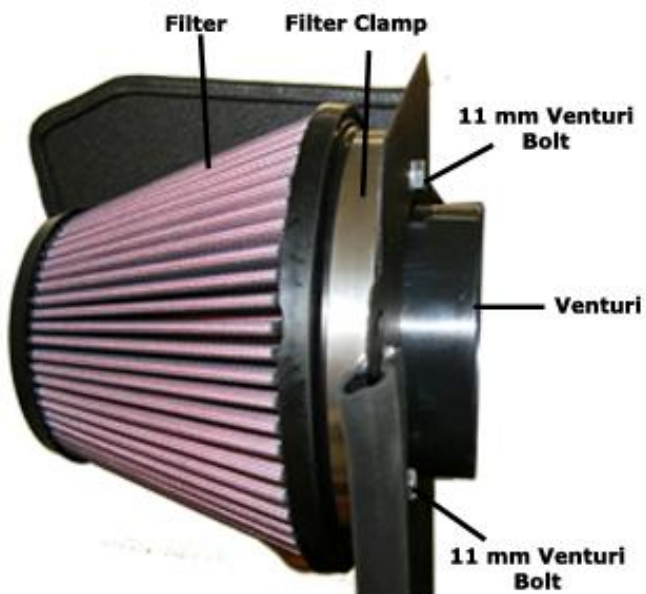
Remove the 10 mm bolt that holds the remainder of the air box in place. Remove the remaining portion of the air box. NOTE: Once the 10 mm bolt has been removed, there are still two plastic tabs holding the air box in place. These tabs fit into grommets in the frame rail which secure it. Simply lift the box straight up with some force to disengage them and remove the air box from the engine compartment



Passenger's Side V-Flow Installation:



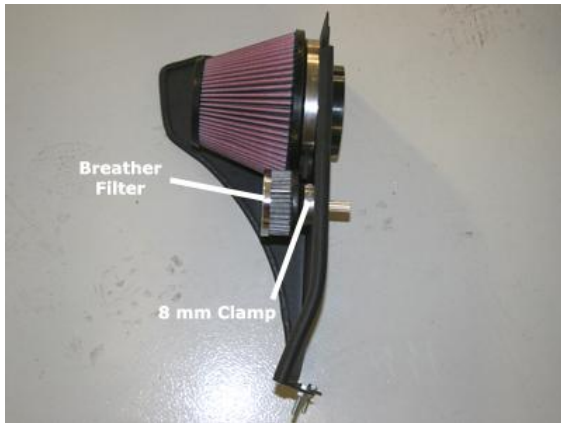
8) Tighten the supplied 10 mm nuts and bolts to the bottom of the EVO heat shield. NOTE: Make sure that there is a washer on both sides of the 10 mm nut.



9) Attach the supplied Venturi to the heat shield with the supplied 11 mm bolts.

Attach the supplied filter to the heat shield by pushing the mouth of the filter over the Venturi opening and tighten.

NOTE: DO NOT OVER TIGHTEN THE FILTER CLAMP TO THE VENTURI



10) Insert the supplied billet aluminum air ride breather filter adapter through the heat shield as shown.

Attach the supplied small breather filter to the air ride filter adapter. Tighten the clamp down using an 8 mm ratchet.

Using a Phillip's head screw driver, disconnect the OEM MAF housing from the OEM curved MAF tube that connected to the OEM air box.

Reinstall the OEM MAF housing back into OEM turbo intake pipe. This should be installed like it was originally back in step #5. **Be sure that the flow direction is correct and the MAF head orientation is the same as it was originally between the engine valve cover and boost tube.**



11) Place the V-Flow heat shield assembly into the engine compartment.

Push the bolts at the bottom of the V-Flow heat shield through the rubber grommets located on the frame rail where the OEM air box was located.

Re-attach 10 mm bolt that secures the heat shield to the engine compartment.



Re-install air ride connection.



12) Secure the top of the supplied V-Flow red silicone intake tube to the venturi using a 7 mm ratchet. Secure the bottom of the red silicone hose to the MAF housing a 6 mm ratchet.

Driver's Side V-Flow Installation:

-Please repeat same steps taken to install passenger's side V-Flow.

We hope you enjoy the additional power that the Cayenne TT V-Flow adds to your vehicle. Be sure to clean the air filters every 6000 miles with our cleaner kit. If you have any installation or technical questions, you can contact us at:

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