



EMISSIONS REMOVAL

KTM ADVENTURE 1050-1290

NOTE



Please read and understand all notes, precautions and warnings within this document before performing these procedures. It is solely you and/or the installer's responsibility to adhere to the guidelines of all factory torque specs and procedures mandated by the manufacturer of your motorcycle. Always wear the appropriate safety equipment. If you believe that these instructions are beyond your capabilities, you should seek out a professionally trained motorcycle mechanic to install any aftermarket product/s including these.

CALIFORNIA WARNING



The California Air Resources Board (CARB) does not permit the removal or alteration of OEM emission control devices unless certified by CARB, other than for racing vehicles on closed courses. These products are legal for use ONLY in competition racing vehicles and are not legal in California for use on public roads, streets or highways. Check your local laws and regulations to determine that compliance needed in your city or state.

- **Time:** 1 – 3 hours depending on experience.
- **Helpful links to remove the fuel tank:**
 - [YouTube instructions for fuel tank removal Adventure 1050-1190](#) (Or see our **Rottweiler Performance YouTube page**)
 - [PDF instructions to remove the Adventure 1290 R fuel tank.](#) (Or see our **'downloads/instructions' page.**)
- **Some suggestions:**
 - Pay attention to all bolts removed as they are mostly specific to the place that they came from. We will note any of this below.
- **Tools needed:** (Most can be found in your stock tool kit)
 - T20 Torx
 - T30 Torx
 - T40 Torx
 - 6mm Hex
 - Pliers or flat needle nose pliers



INSTRUCTIONS

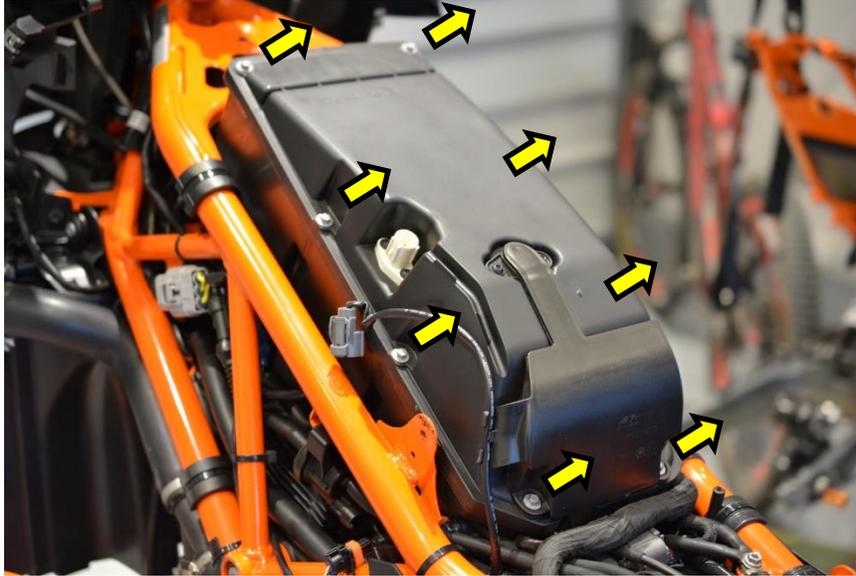
1. Remove plastic and fuel tank. (See links above for helpful instructions)



2. Remove the plug on the temperature sensor.



3. 6mm socket x 8 - Remove all 8 screws on the air box lid.



4. Pliers - Compress the crankcase breather line spring and remove the airbox lid.



5. T30 x 2 - Remove the velocity stacks.



6. Remove both front snorkels.



7. T30 or 8mm – Remove the front cylinder SAS cover.



8. Pull the airbox back and up and locate the SAS valve attached to the bottom of it.



9. Push the SAS valve off of its rubber stakes and off of the bottom of the airbox.



10. Through the side of the frame, locate the short line that connects the SAS valve to the bottom of the airbox and compress the spring clip holding it.



11. Remove the hose from the bottom of the airbox.



12. There is one more plugged drain hose attached to the bottom of the airbox. Trace it down, remove any rubber straps and now pull out the bottom portion of the stock airbox.



13. Remove the rear cylinder SAS cover.



14. Unplug the SAS valve's electrical connection. You will pull up on this particular connection's locking tab.

15. There are two options for the next step.

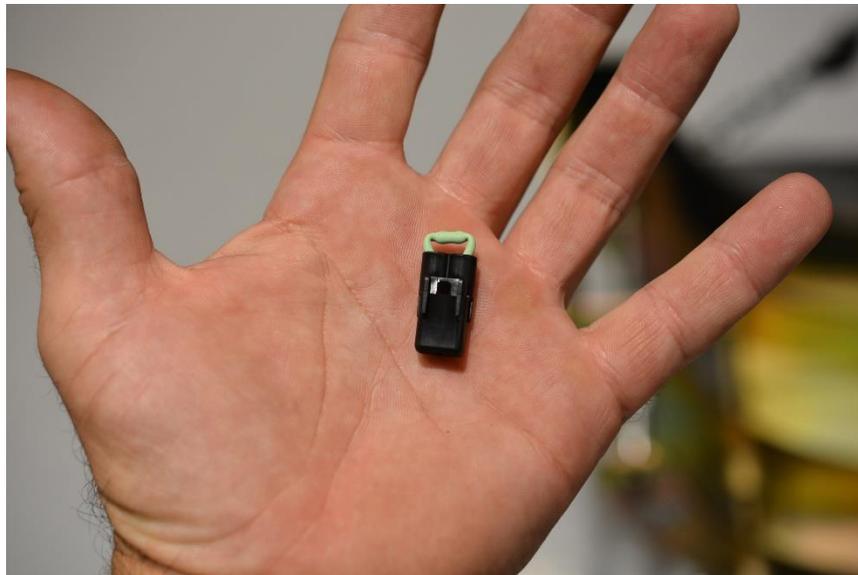
- a. Option A: Cut the hose and extract the complete SAS system.
- b. Option B: Using pliers, remove one of the permanent straps and disconnect the hose from the SAS cover. (Pictured)



16. Extract the SAS system completely by bringing it up through the frame. You should end up extracting the parts below.



17. Locate the SAS dongle (smaller of the two) and insert it into the plug at the harness.





18. Tie strap it up and away so that it will not interfere with any moving objects such as the fans.



19. Take a moment, realize the importance of what you are about to do, and affix the Rottweiler SAS plates to the sides of the engine, displaying the 'R' symbol (which will just get covered up anyway) with the utmost pride.

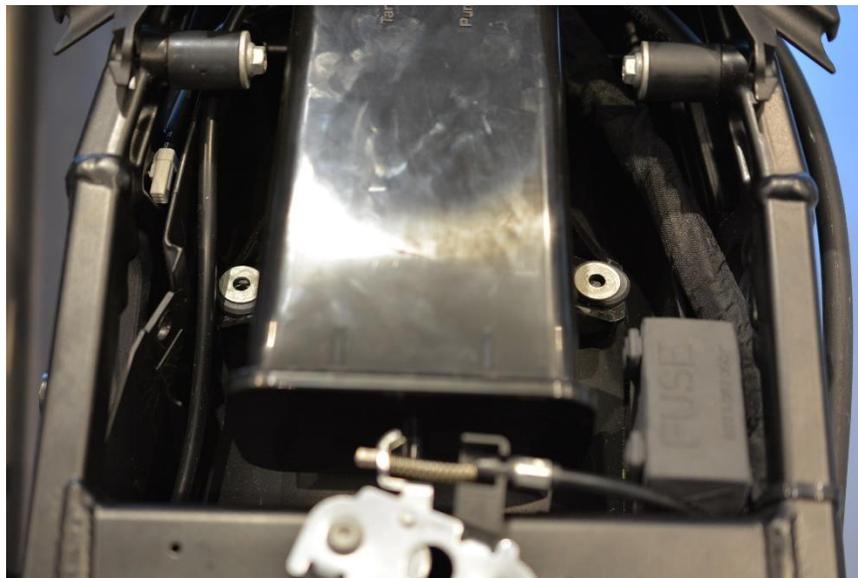
FRONT CYLINDER



REAR CYLINDER



20. T20 - Remove the screws on the charcoal canister.

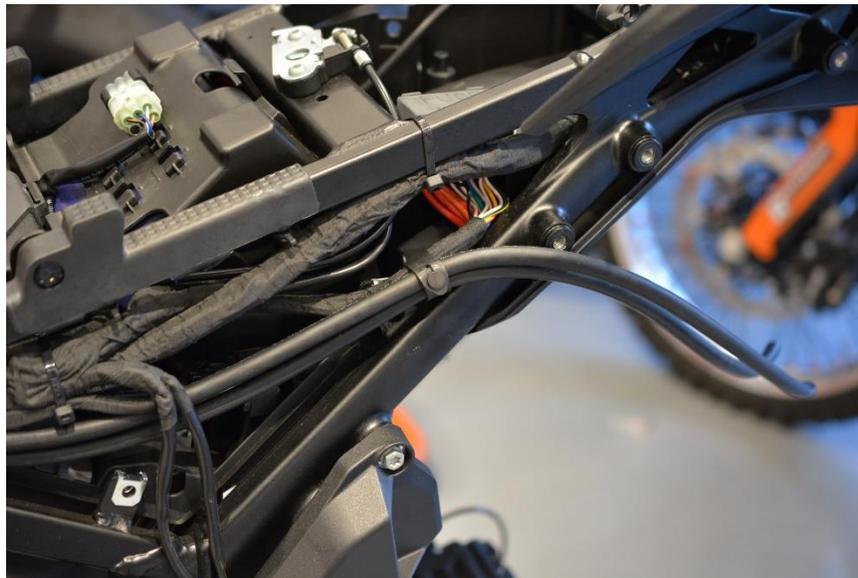


21. Disconnect both lines and remove the charcoal canister.



22. Locate the two hoses shown below and pull them through from the back to the middle of the bike just behind the airbox.

- a. NOTE: Most of the time you do not need to remove the left side pod to remove these lines. You can pull on them and they should come through. They are secured by a rubber strap that is attached to the fuse wiring so if there is too much resistance you may have to remove the side pod and extract the hoses in that way.



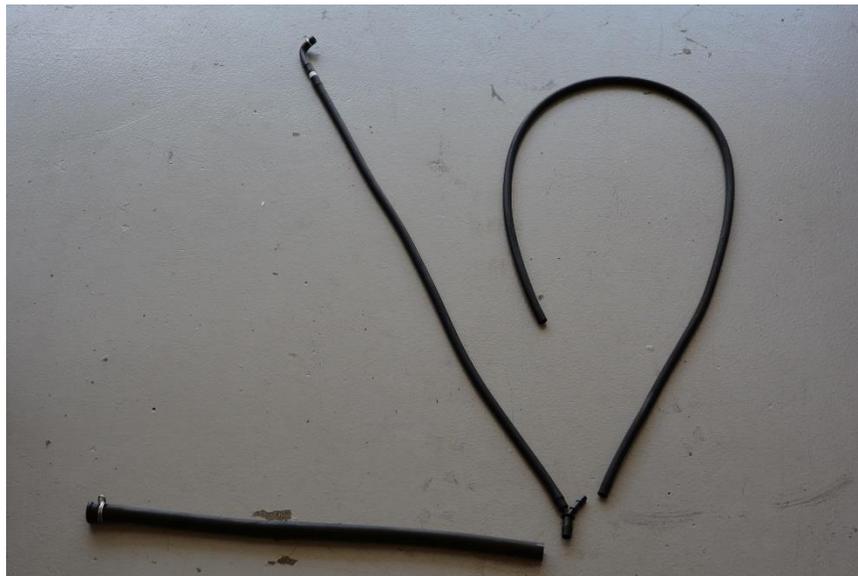
23. Identify the thick plugged hose on the left side of the lower part of the engine. There is a group of hoses and it is the only thick one.



24. Trace it up and locate the 'Y' connector and disconnect it.



25. Extract the 'Y' connector and the two hoses attached to it.



26. Use the longer rear hose as a replacement drain hose and connect it to the white barbed fitting and 90-degree hose that attached to the right side of the top of the fuel tank. Guide it up through the front of the frame so that when the fuel tank is reattached it will be positioned to be reattached. It should travel from the right fuel cap spigot to the left-hand side of the engine along with the other hoses already there.



27. Locate the canister valve on the left side of the upper frame and disconnect the front hose. This leads to a 'Y' connector that splits and goes to the throttle bodies and draws a slight vacuum.





28. Plug the front line with the 8mm thumb screw. Tie it to the frame with a zip tie. You may also shorten this hose if desired before plugging it.



29. Disconnect the plug and plug in the supplied canister dongle.



30. Remove the canister valve from the frame and extract it and the rearward hose.





31. Zip tie the canister plug as shown to the frame.





You are now ready to reassemble the motorcycle. You should have the parts shown below removed from the bike and left over.



**THANK YOU FOR YOUR INTEREST IN ROTTWEILER PERFORMANCE,
WHERE YOUR ADVENTURE IS OUR PASSION!**