



# GR Corolla CPLT Intake

## INSTALLATION INSTRUCTIONS



### Tools needed:

- Ratchet
- 10mm socket
- 8mm socket
- Pliers
- Phillips head screwdriver
- Flat head screwdriver

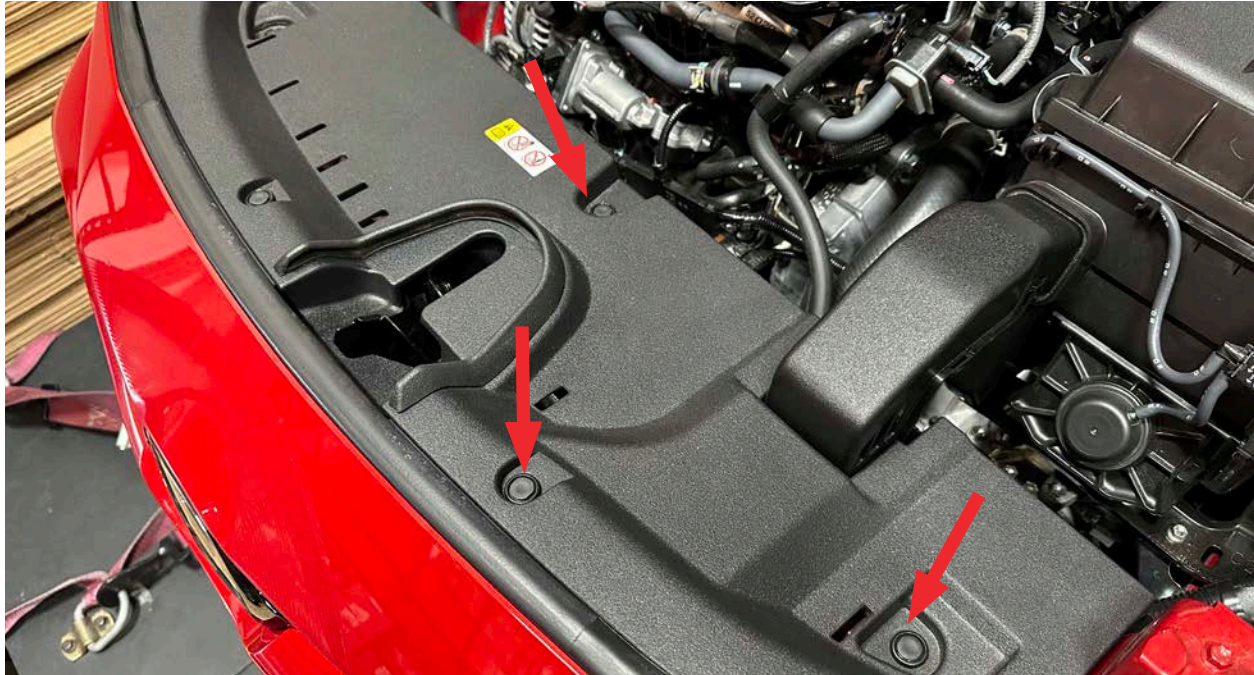
### Vehicle Fitment:

- 2023+ Toyota GR Corolla





1. Remove the OEM Radiator Shroud Cover by removing the pop clips with a flat head screwdriver.



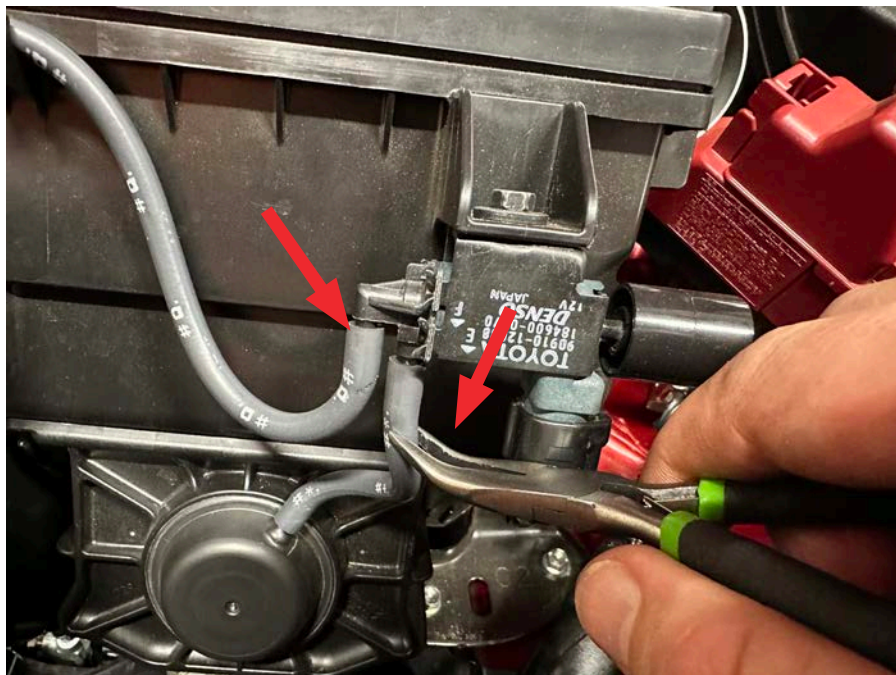


2. Remove the vacuum hose shown below and replace with included vacuum cap. This hose junction is located just next to the OEM ribbed intake coupler.

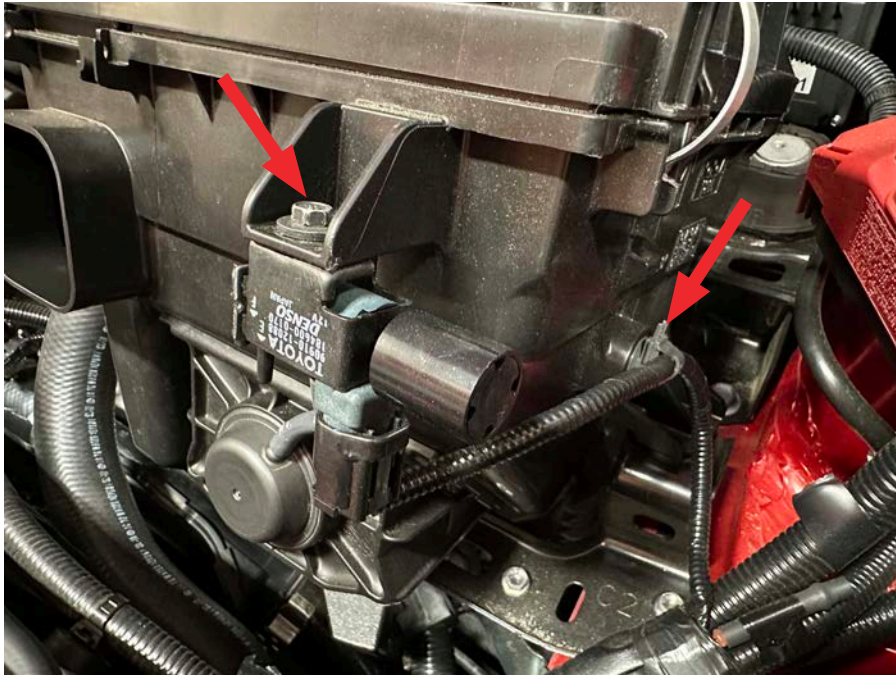




3. Remove the hose from step 2 completely by following it from its start, along the airbox to the air-box flap solenoid attached to the front of the airbox. Remove the hoses from the solenoid carefully. Twisting before pulling down is recommended.

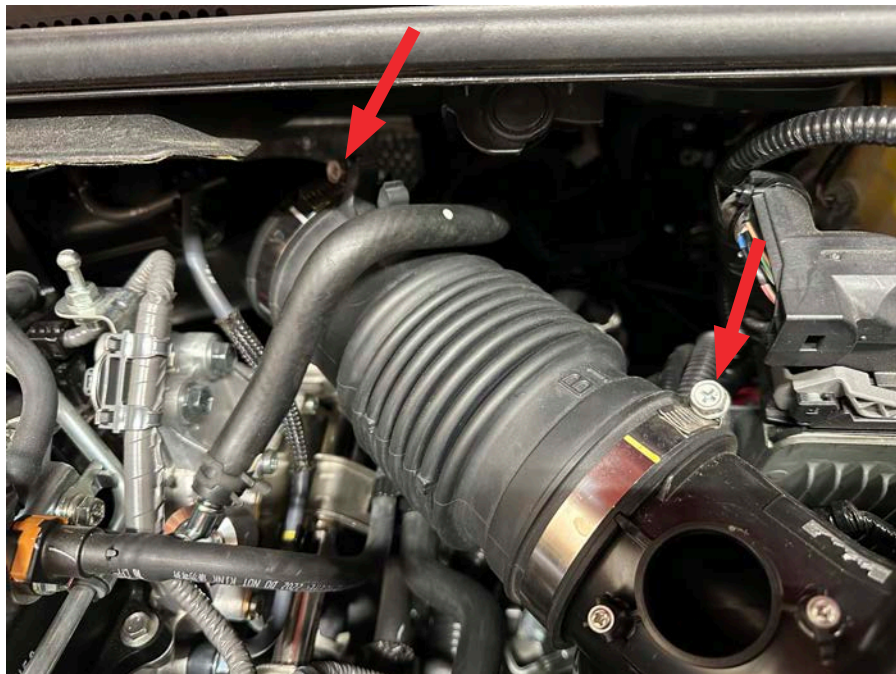
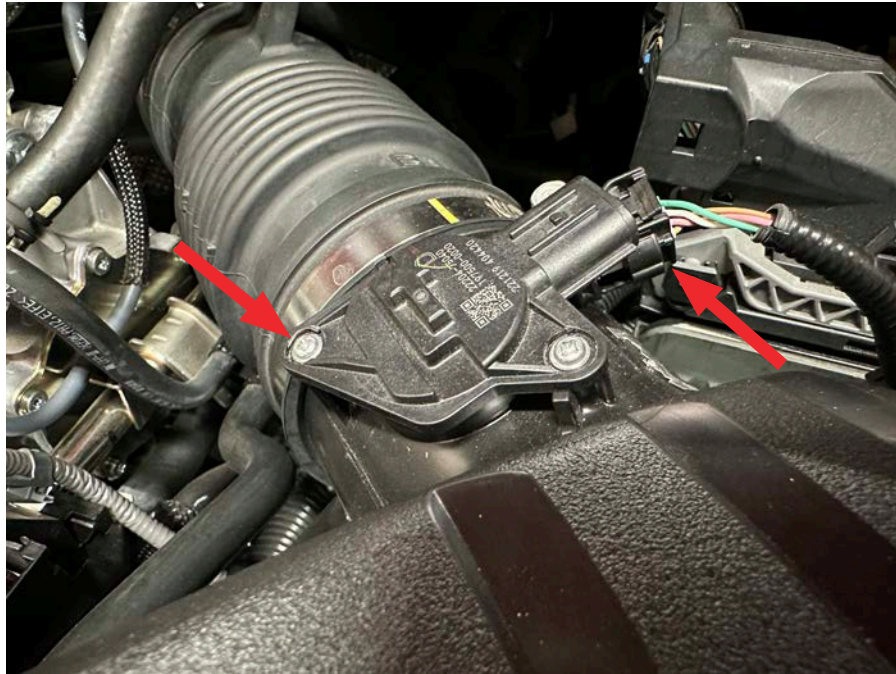


4. Unplug the flap solenoid from the harness and remove it from the airbox. There is an 8mm screw on the bracket and a harness clip on the side of the box. Save the solenoid for later.

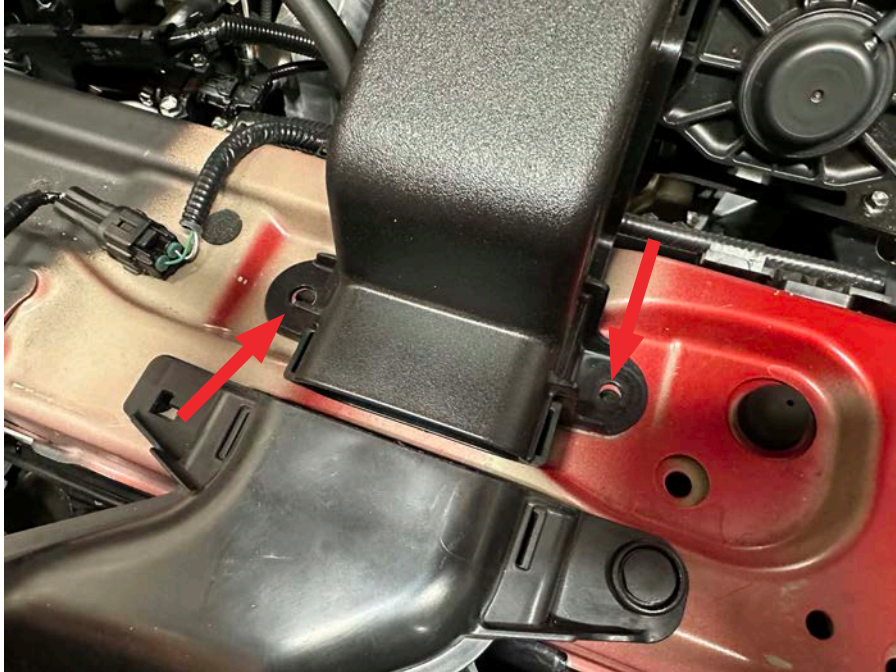




5. Unplug the MAF sensor and remove the philips head screws. Then remove the MAF sensor from the airbox. Once the sensor is removed, loosen the hose clamps on each end of the ribbed air tube.

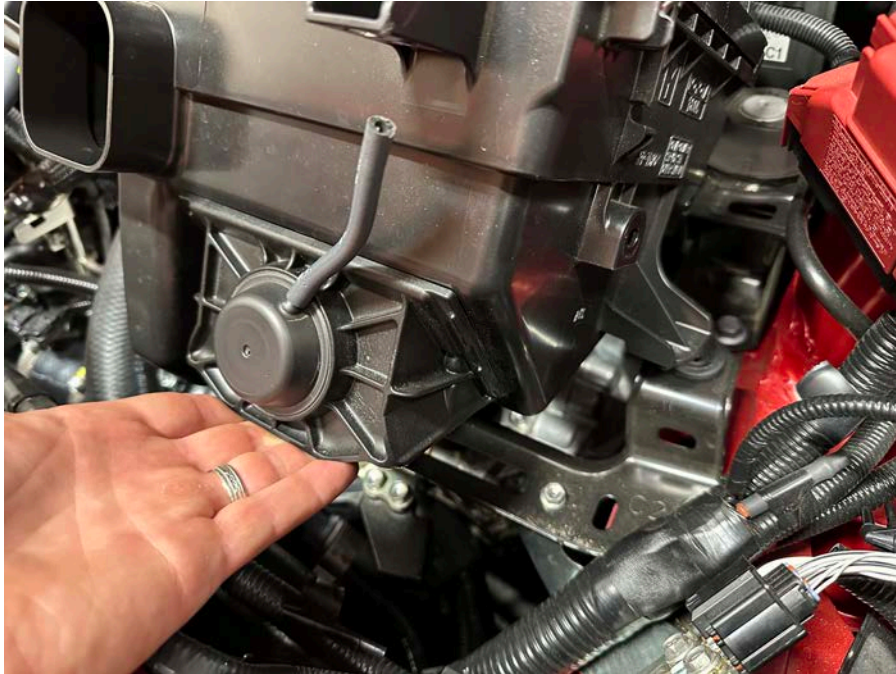


6. Remove the clips holding the airbox scoop, then pull the airbox scoop out of the airbox.





7. Remove the airbox from the engine bay by pulling up off of the rubber mounts. Then remove the ribbed air hose.





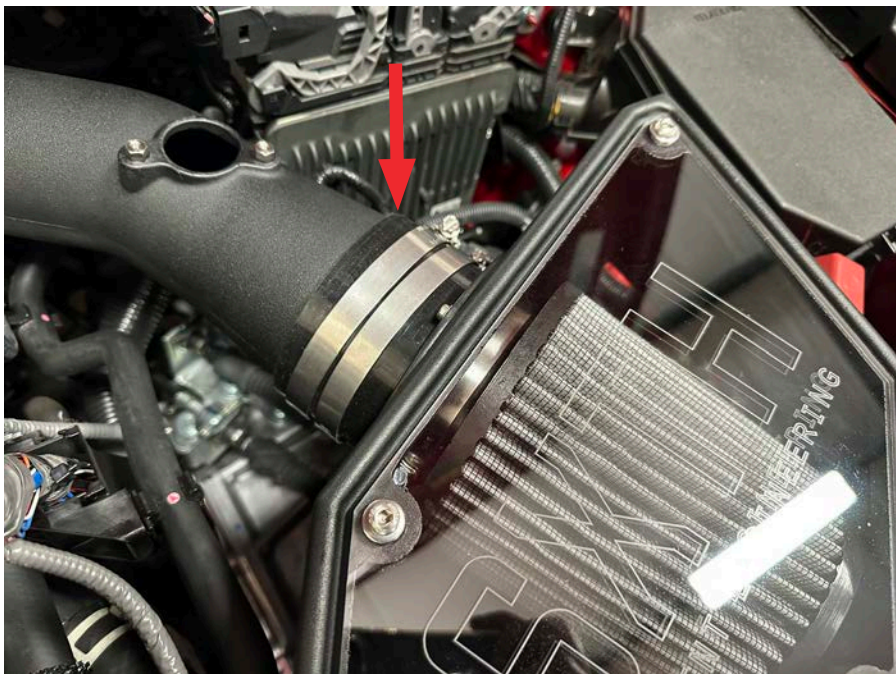


8. Using the OEM clamps from the OEM ribbed hose, install the SXTH hose with the hump on the turbo inlet pipe. Only tighten the back clamp hand tight at this time. Once that is tight, install the SXTH intake tube and remaining hose as shown below, leaving the clamps loose.





9. Drop the SXTH airbox into the bay, popping the feet of the box into the OEM mounting locations. You'll have to angle the box and get the hose connected to the airbox at the same time.





10. Rotating the tube might be necessary for a perfect fit. Once the tube is rotated correctly, the hoses will line up where the hose clamps will be right past the lips on the mating parts. Tighten the hose clamps as shown below. Then using the supplied hardware, install the MAF sensor as shown below, then plug it in.







11. Using an OEM pop clip removed earlier, secure the mounting bracket on the SXTH airscoop. After that, install the OEM airbox flap solenoid as shown below with the OEM 8mm screw from earlier. Plug the solenoid in once it is mounted.



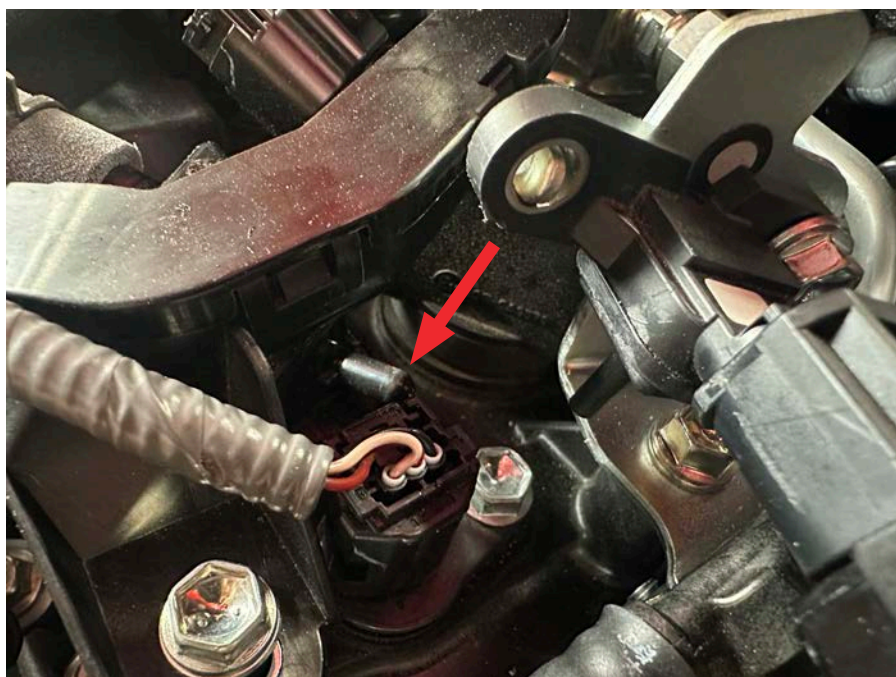
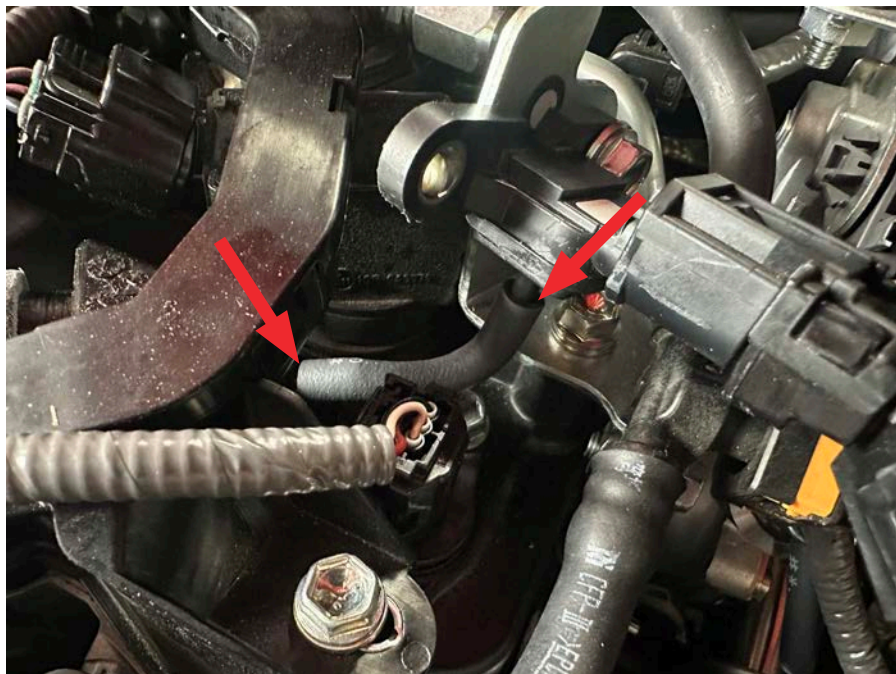


12. Install the OEM radiator shroud using the OEM pop clips.





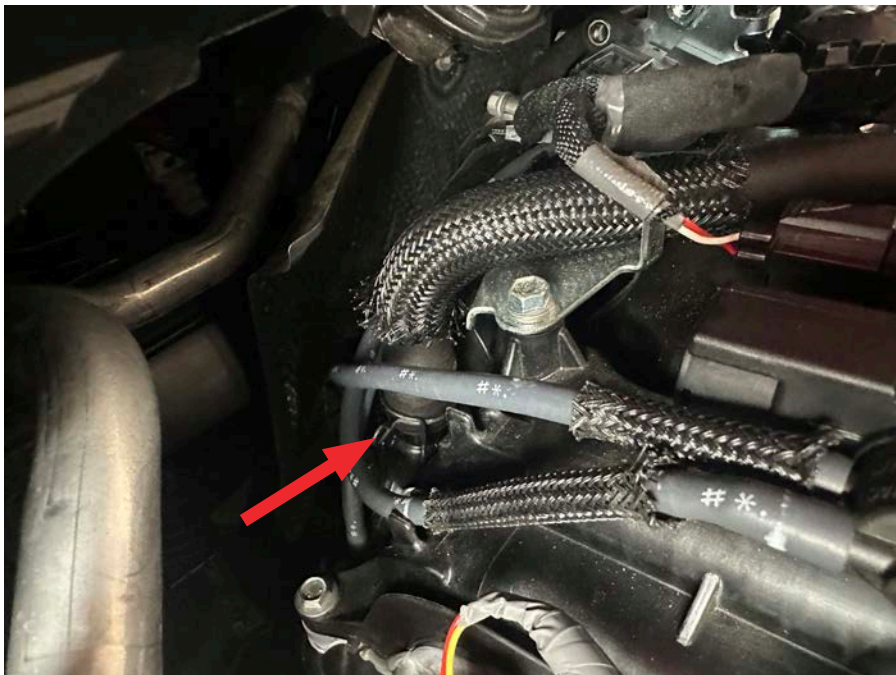
13. With the engine cover removed, locate the vacuum sensor on top of the engine. Remove the vacuum hose connecting the sensor to the valve cover. With the OEM vacuum hose removed, install supplied vacuum cap on the valve cover nipple.







14. Remove the OEM PCV hose on top of the engine. Save the OEM clamps for use with the new SXTH hose.





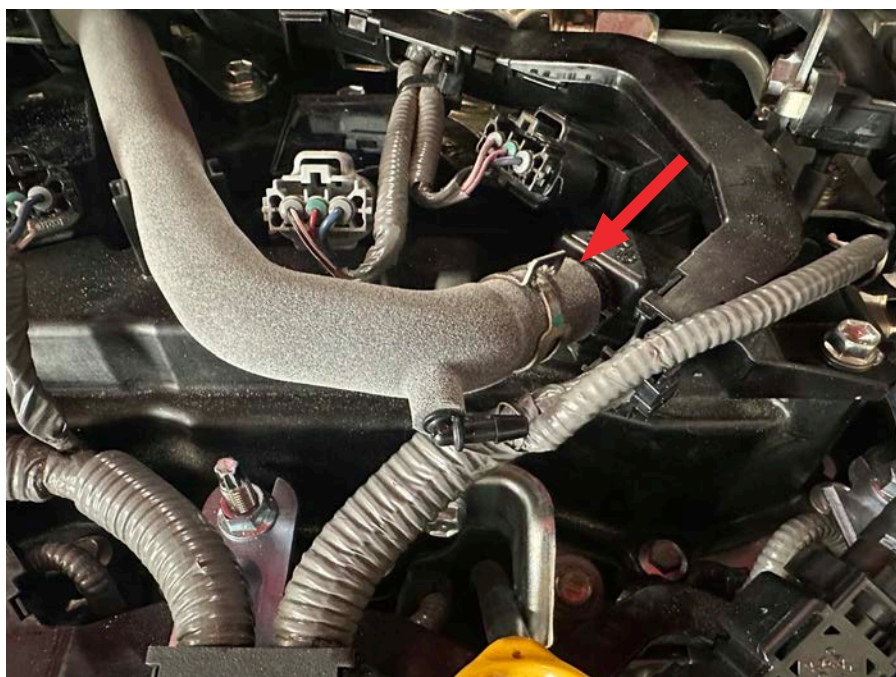
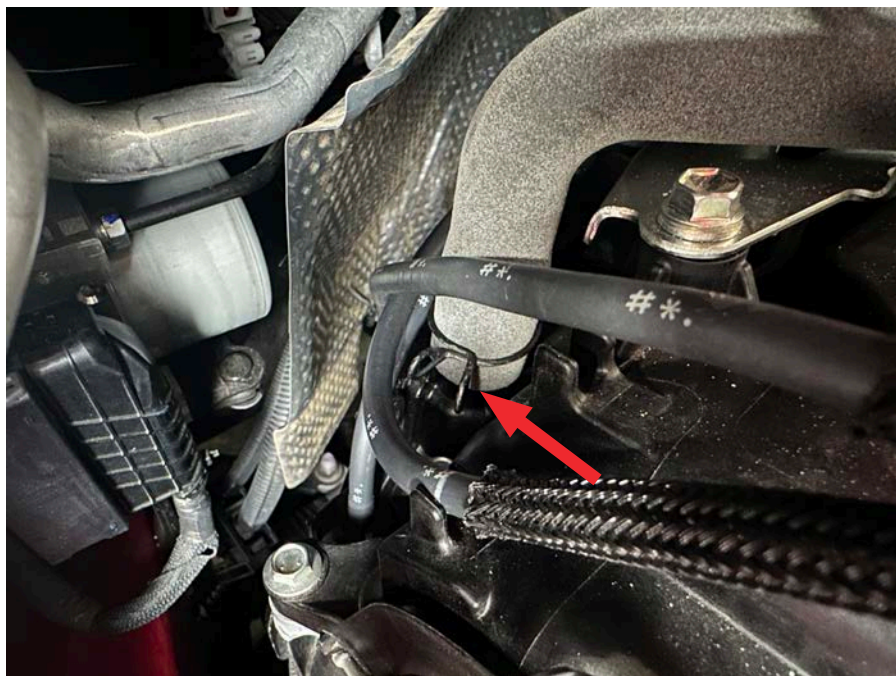
15. Transfer the OEM clamps on to the new SXTH PCV hose. Please note, hose shown below is prototype grey. Production hoses will be black.







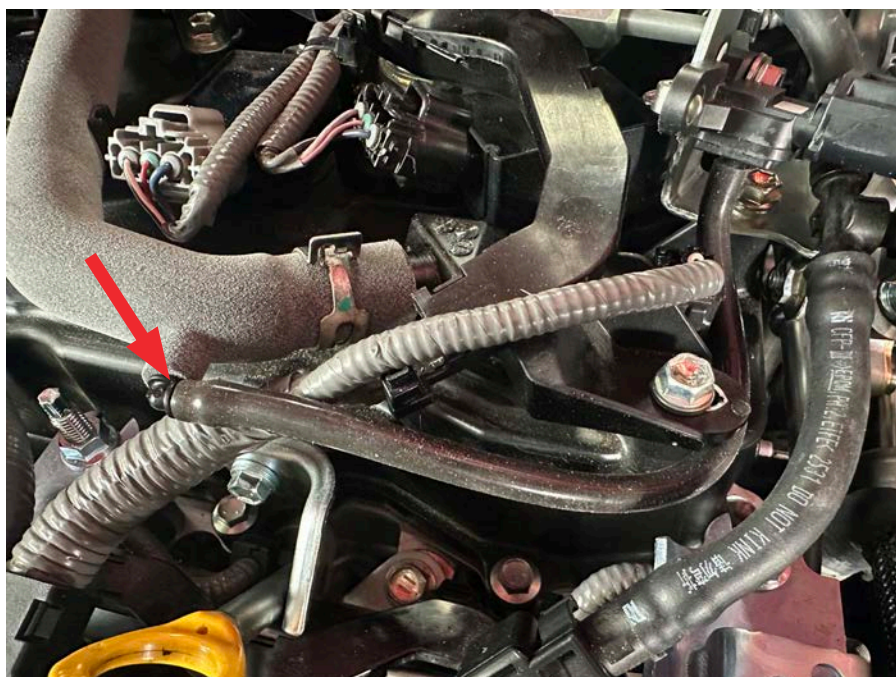
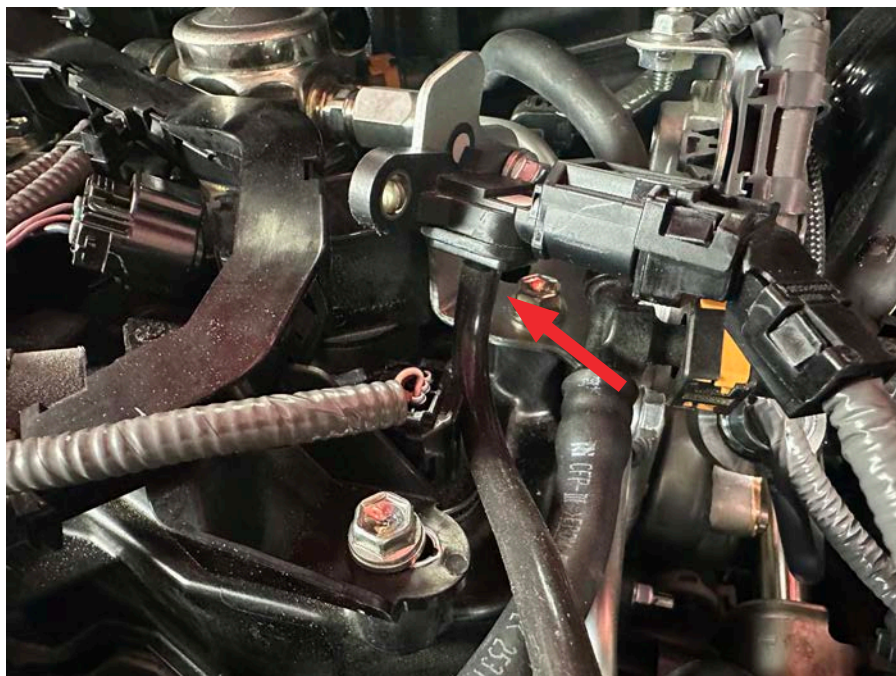
16. Install the new SXTH PCV hose, starting at the back of the engine. Secure with the OEM clamps.





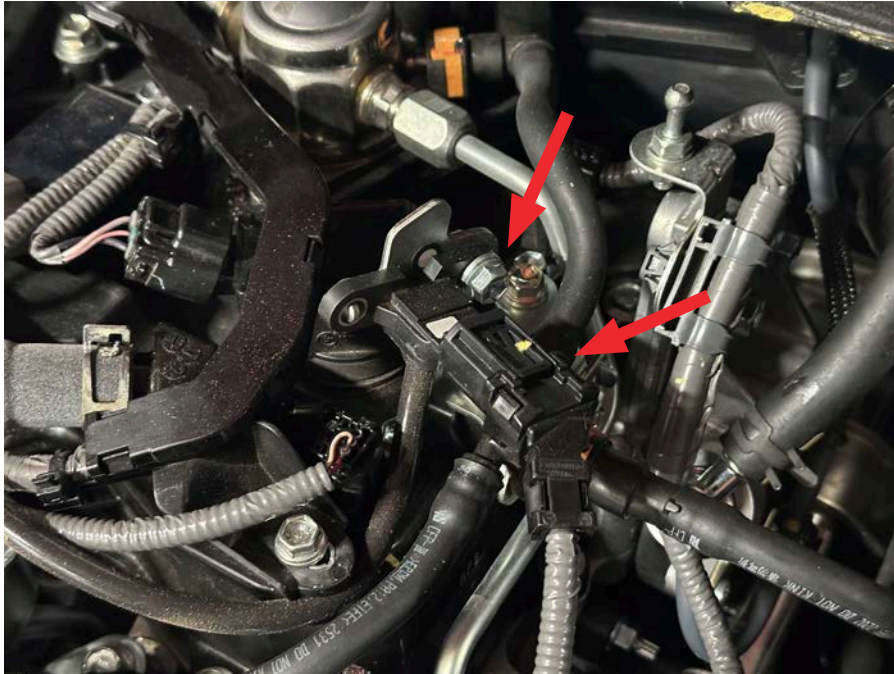


17. Install SXTH supplied vacuum hose on to the OEM vacuum sensor. Route to the new PCV tube fitting. Make sure hose has smooth flow with no kinks, then connect it to the fitting. Trim if necessary. Skip to step 22.





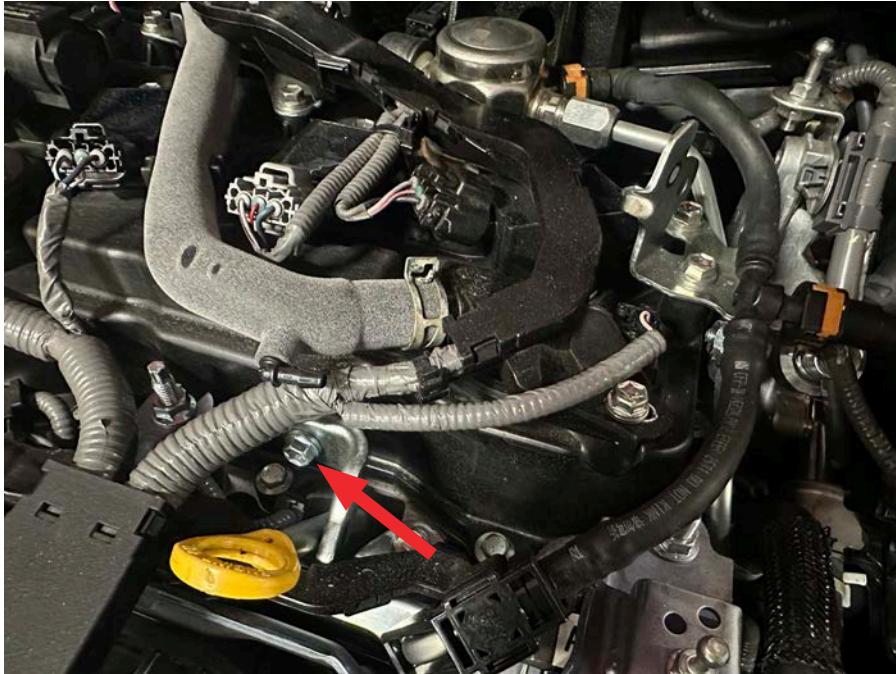
18. If you happen to have our Vac Sensor Relocation, start by removing the vac sensor wire harness connector and 10mm bolt.





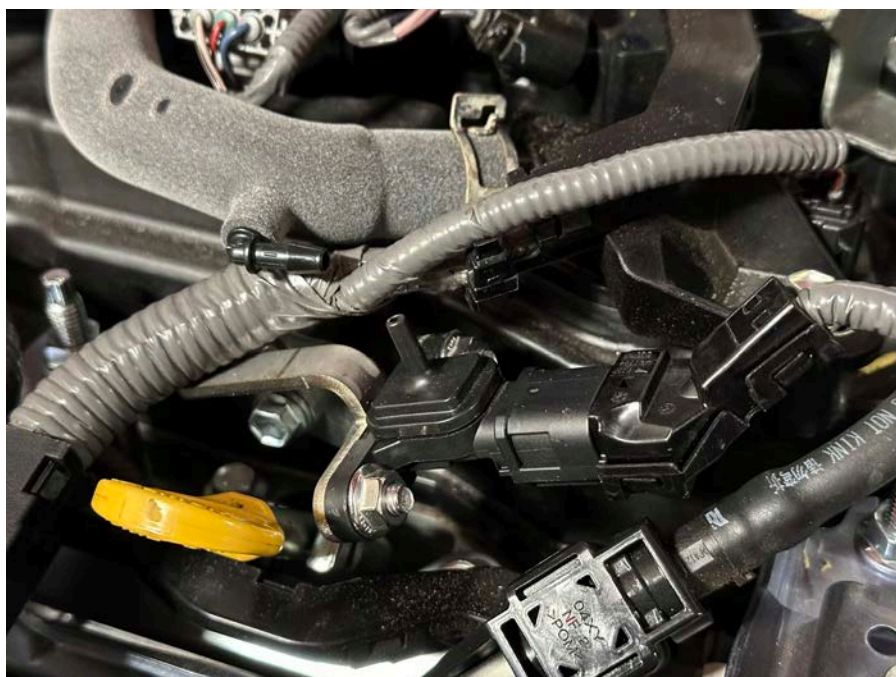
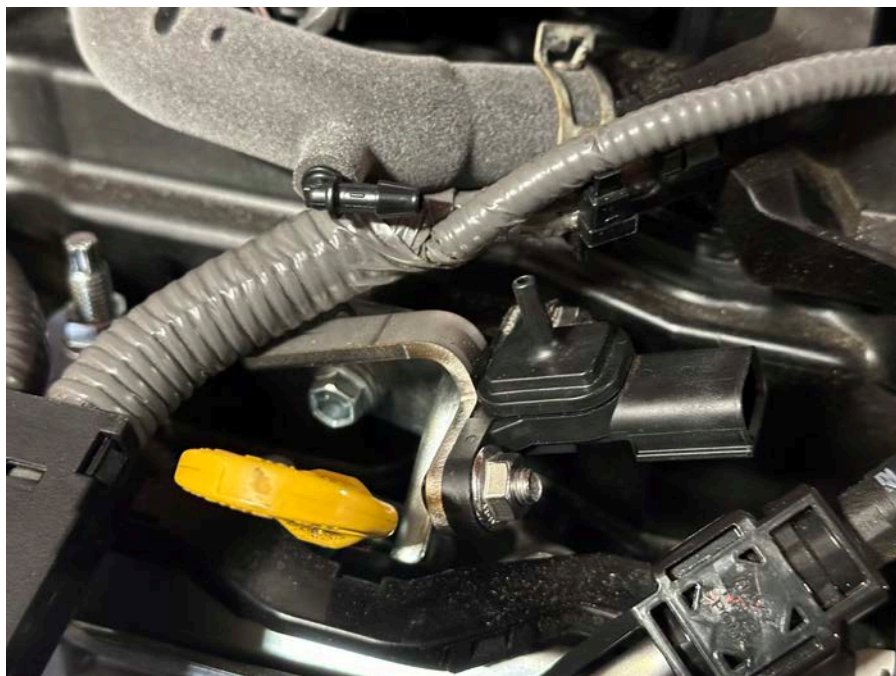


19. Remove any vacuum line from the sensor to the new SXTH PCV hose and remove the sensor from the car. Remove the bolt holding the dipstick to the engine. With the sensor removed, attach the sensor to the SXTH bracket using the supplied hardware as shown below.





20. Install the bracket/vac sensor combo as shown below, using the OEM bolt removed earlier. Then plug in the connector.



21. Trim and install vacuum hose connecting the PCV tube to the vac sensor.







22. Re-install engine cover and you're all done! Enjoy your new intake!





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