

TOYOTA TA24 THROTTLE BODY INLET

INSTALL INSTRUCTIONS

Introduction ///

The goal of AMS Performance is to provide the highest quality, best performing products available. By utilizing research and development, and rigorous testing programs AMS Performance will never compromise the quality or performance of our products. In addition, AMS Performance will only provide the finest customer service offering only parts and advice that are in the best interests of the customer. AMS Performance was built on a foundation of integrity. This is who we are. This is what you can count on.

A vehicle modified by the use of performance parts and tuning may not meet the legal requirements for use on public roads. AMS Performance makes no claims of compliance unless otherwise stated on a per-product basis. Use or installation of performance parts and tuning may adversely affect the drivability and reliability of your vehicle, and may also affect or eliminate your insurance coverage, factory warranty and new OEM part warranty. There is no stated or implied guarantee by AMS of continued OEM vehicle warranty, insurance coverage, or emissions compliance, due to the stress placed on your vehicle by performance parts and our inability to monitor its use, tuning or modification.

These instructions are not intended to be a comprehensive guide for installation as there are many variables that may affect your particular vehicle, including but not limited to model year differences, sub-model/trim/optional equipment differences, the presence of non-OEM parts, or other modifications that may have previously been completed. A basic understanding of automotive parts and systems and novice mechanical skills should be all that is necessary for installation, but certain circumstances may necessitate professional installation.

AMS Performance is committed to providing quality support for our products. If you are in need of technical support, installation help, or a replacement component, our Customer Service Team is available directly via telephone at 847-709-0530, or digitally via the contact form linked here: amsperformance.com/support

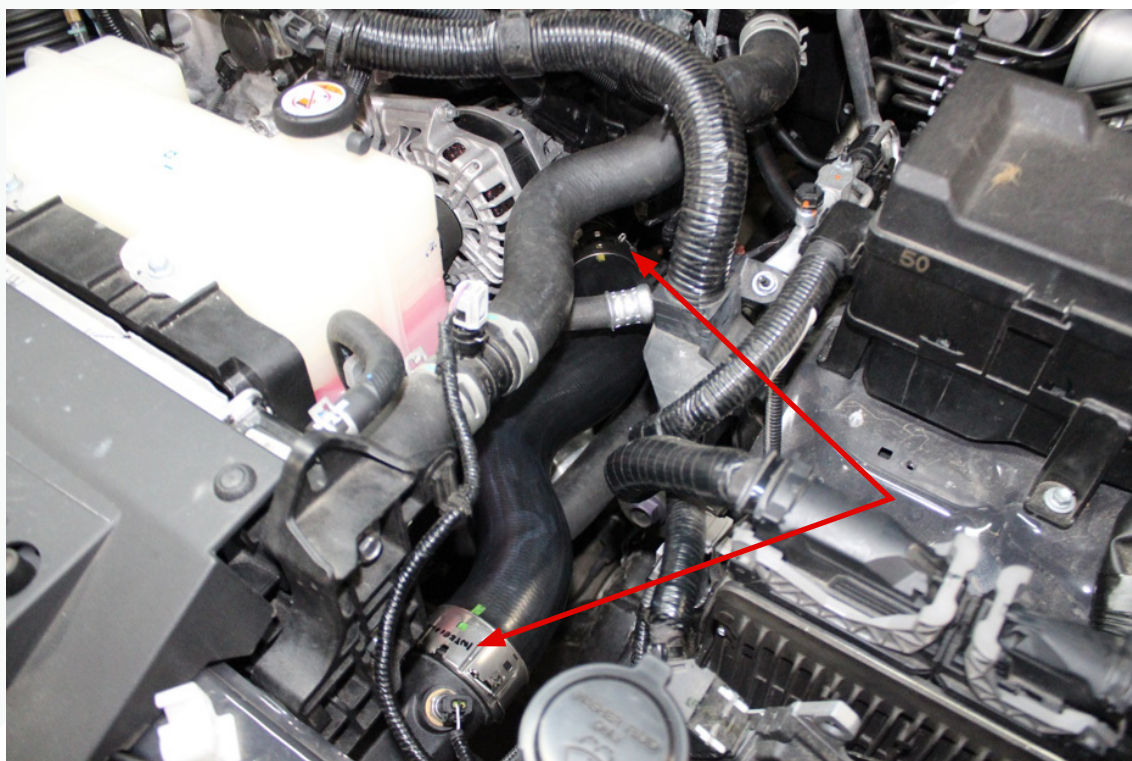
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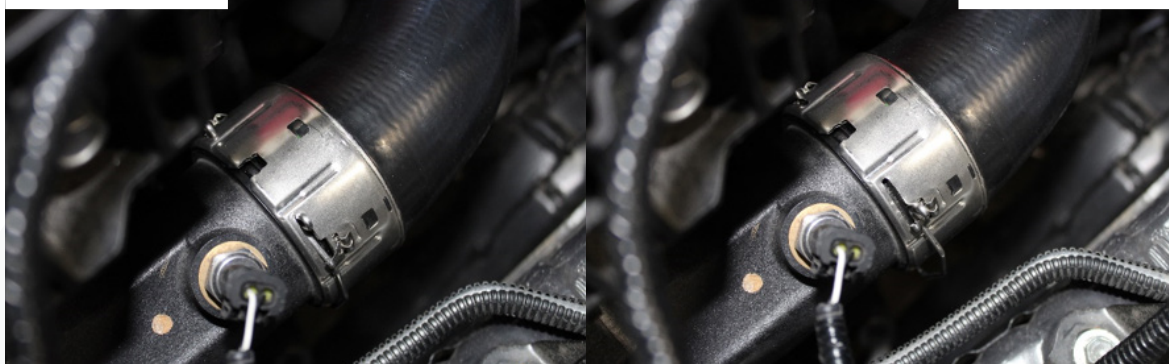
REMOVAL

1. Disconnect the negative terminal on the battery.
2. Unlock the spring clips on the driver's side charge pipe located at the intercooler and throttle body. Remove the charge pipe.



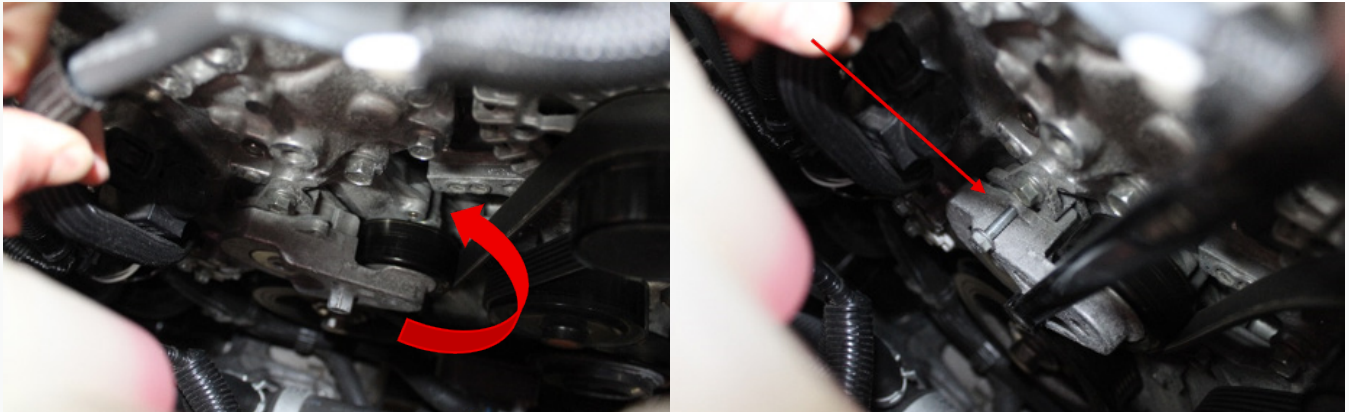
LOCKED

UNLOCKED



3. Compress the serpentine belt tensioner and remove the belt. You can insert an M6 bolt or pick into the ear to hold the tensioner compressed.

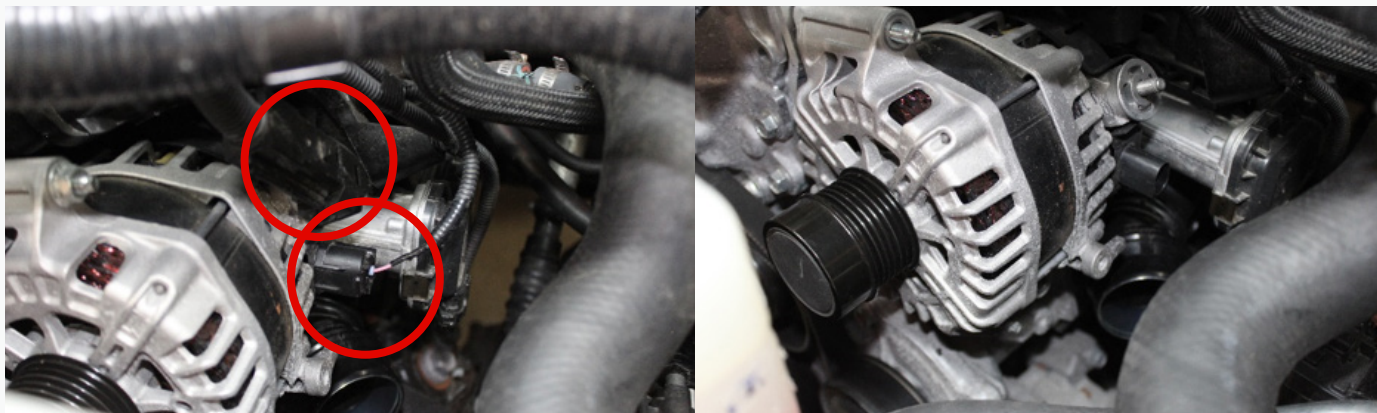
Note: Hybrid models skip this step and continue to step 6)



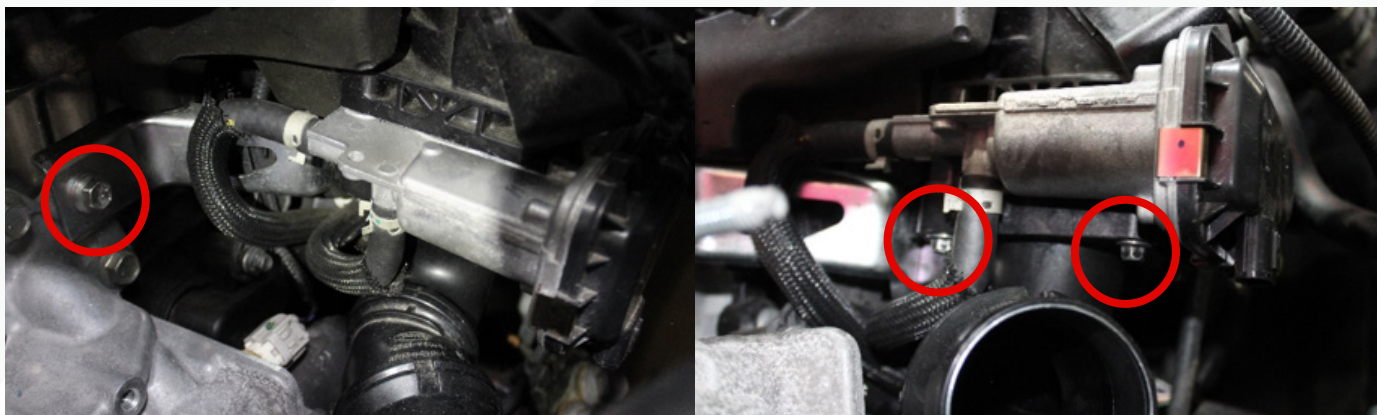
4. Unclip the engine harness from the bracket.



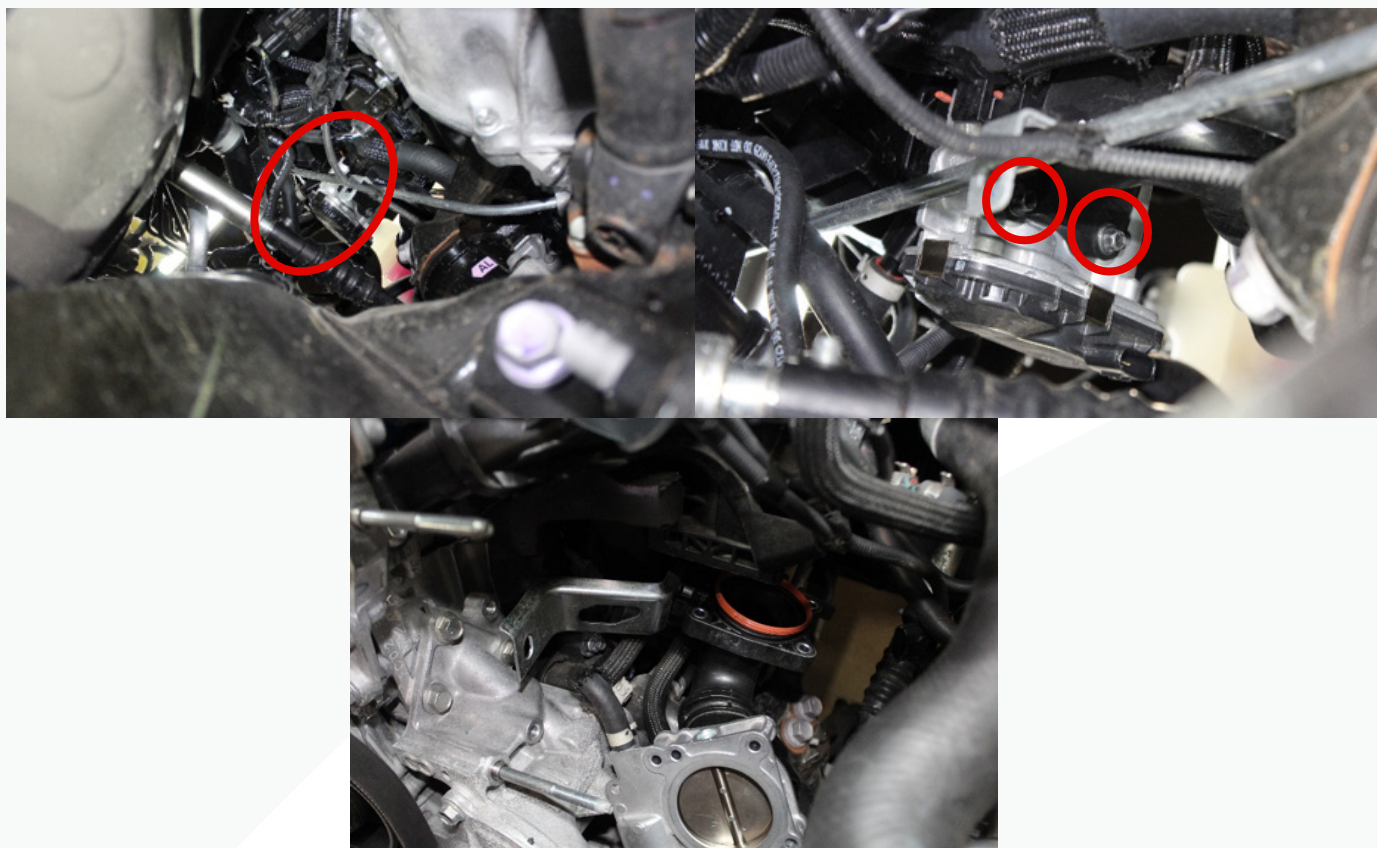
5. Unplug alternator harness and power wire. Remove the (3) fasteners and remove alternator.



6. Remove the bolt holding the throttle body bracket to the engine and the front (2) bolts holding on the throttle body inlet.



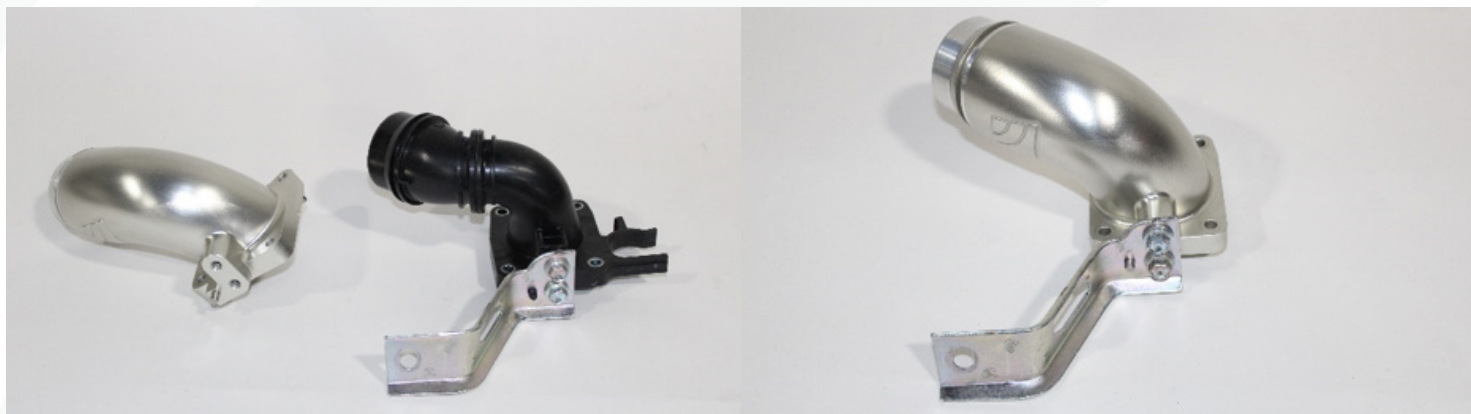
7. Underneath the car you can access the rear (2) bolts on the throttle body inlet.



8. Remove the throttle body inlet through the top of the engine bay.

INSTALLATION

9. Swap the bracket and gasket from the old throttle body inlet to the new throttle body inlet.





10. When installing the throttle body inlet, the bolt closest to the bracket will need to be walked in gently before clearing the housing and able to thread back in.



11. Reinstall everything in reverse order.

Congratulations, your new AMS TA24 Throttle Body Inlet is now installed. Enjoy!