



The goal of AMS is to provide the highest quality, best performing products available. By utilizing research and development, and rigorous testing programs AMS will never compromise the quality or performance of our products. In addition, AMS will only provide the finest customer service offering only parts and advice that are in the best interests of the customer. AMS 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 may not meet the legal requirements for use on public roads. Federal and state laws prohibit the removal, modification, or rendering inoperative of any part or element of design affecting emissions or safety on motor vehicles used for transporting persons or property on public streets or highways. Use or installation of performance parts may adversely affect the drivability and reliability of your vehicle, and may also affect or eliminate your insurance coverage, factory warranty, and/or new OEM part warranty. Performance parts are sold as-is without any warranty of any type. There is no warranty stated or implied due to the stresses placed on your vehicle by performance parts and our inability to monitor their use, tuning, or modification.

These instructions are provided as a guide only as there are many variables that cannot be accounted for concerning your particular vehicle, including but not limited to model year differences, model differences, the presence of non-OEM parts, and modifications that may already be or were previously installed. A basic knowledge of automotive parts and systems is helpful but a better understanding of the parts and systems on your particular vehicle may be required.

If you have any questions or issues at any time during the installation of your AMS product(s) please call us for technical assistance. The AMS tech line can be reached at 847-709-0530 during business hours.

Special Tools Required:

- A fuel line quick disconnect tool would be the proffered method to remove the stock fuel lines but if one is not available they can be cut off. This kit includes replacement lines.

Packing List:

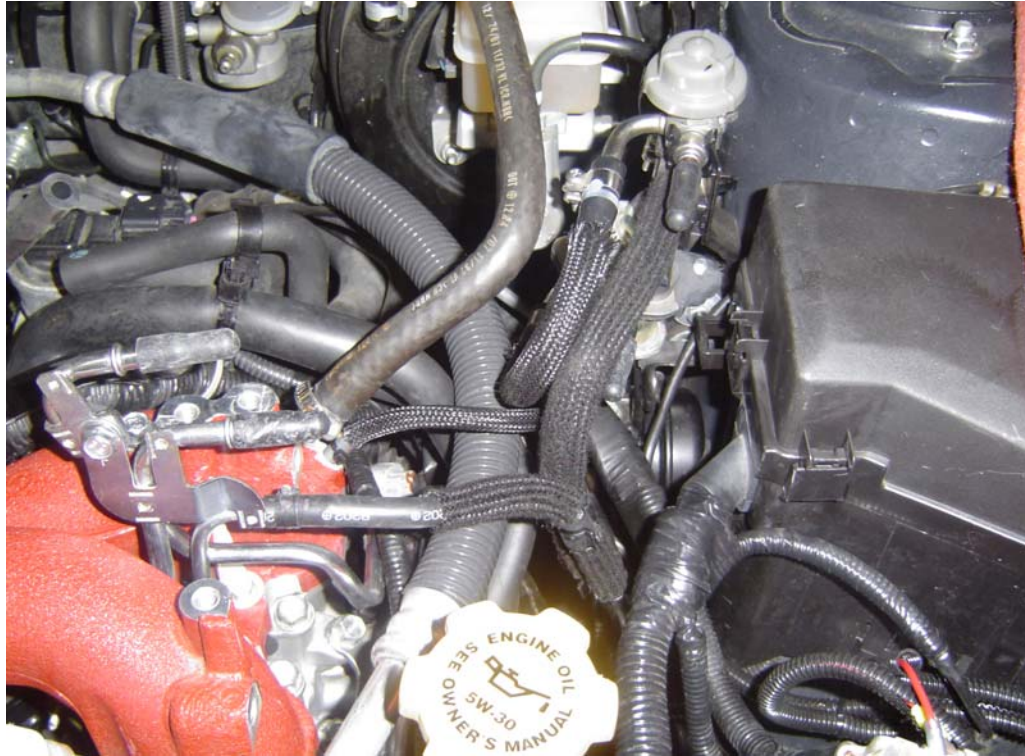
- 1 – Intercooler
- 1 – Intercooler piping kit
- 2 – Replacement fuel lines w/ #4 micro clamps
- 5 – 2.5" x 4.25" silicone couplers w/ clamps
- 1 – 2.75"-2.5" silicone reducer w/ clamps
- 2 – M8x25mm bolt w/spacer (BOV pipe bracket)
- 3 – M8x20mm bolt (intercooler brackets)
- 1 – M6x16mm bolt (pipe bracket)

Installation Instruction:

1. Remove the factory top mount intercooler including mounting brackets.
Remove the front bumper and factory crash beam.
Remove the factory battery.
Remove the factory fuel feed/return line between intake manifold and driver side inner fender (quick disconnect tool preferred).







2. Install the AMS intercooler with supplied hardware (AMS crash beam optional)

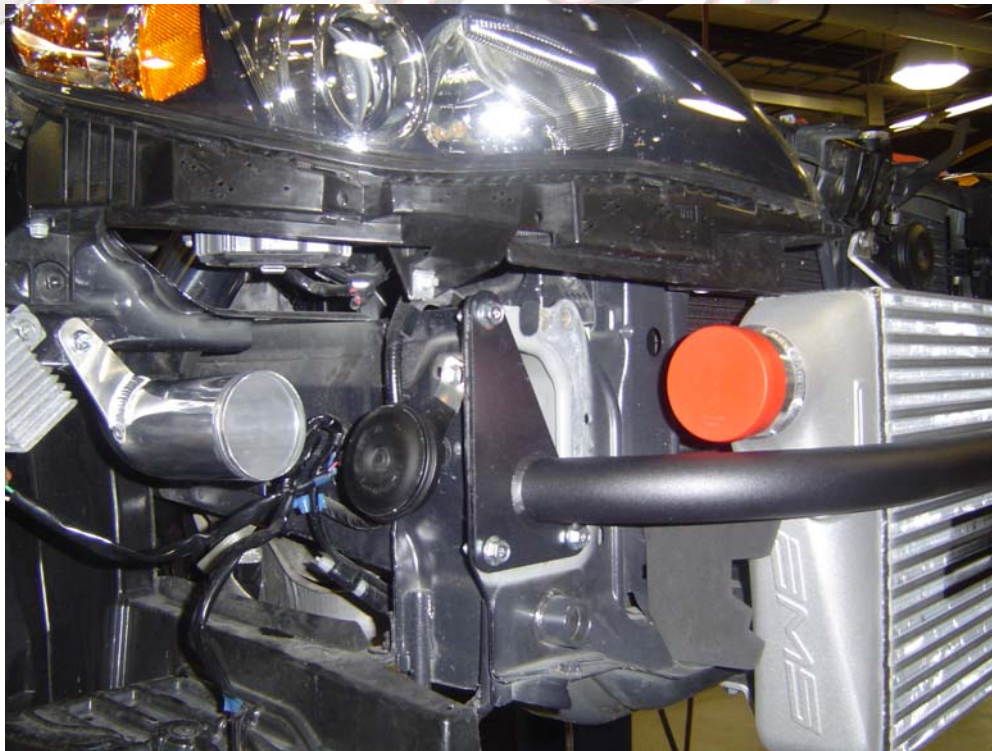




3. Install the AMS turbo outlet silicone hose by gently sliding it under the intake manifold.



4. Install the intercooler pipe from turbo silicone outlet to the passenger side inner fender (leave bracket loose). Re-position horn if needed.



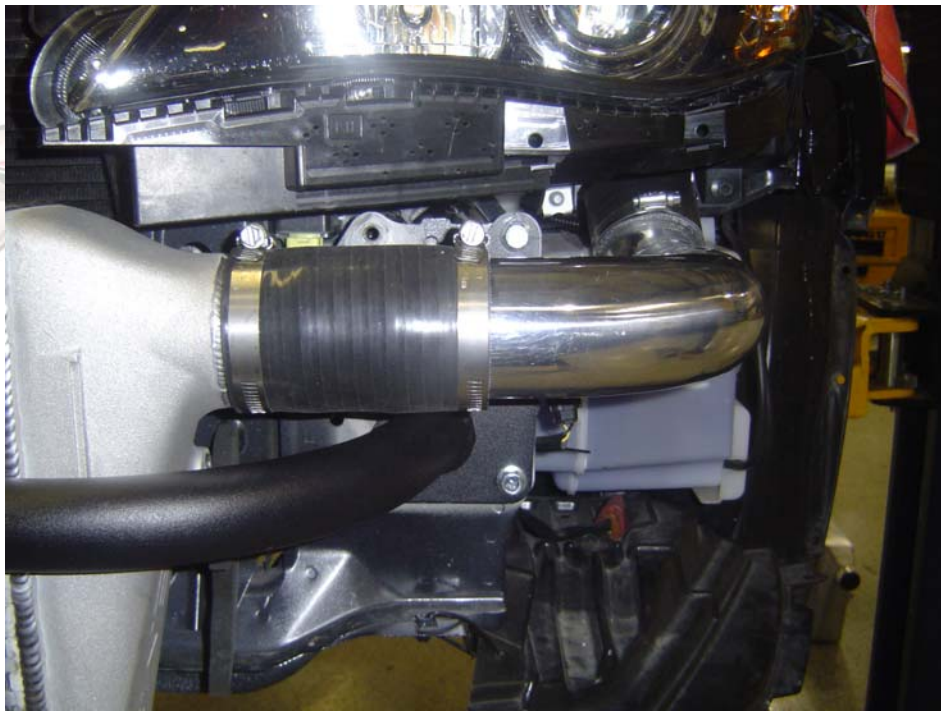
5. Install the second intercooler pipe. Now you can position the bracket from the first pipe and tighten it with the provided hardware.



6. At this time install the AMS small battery kit or relocate your factory battery to the trunk.

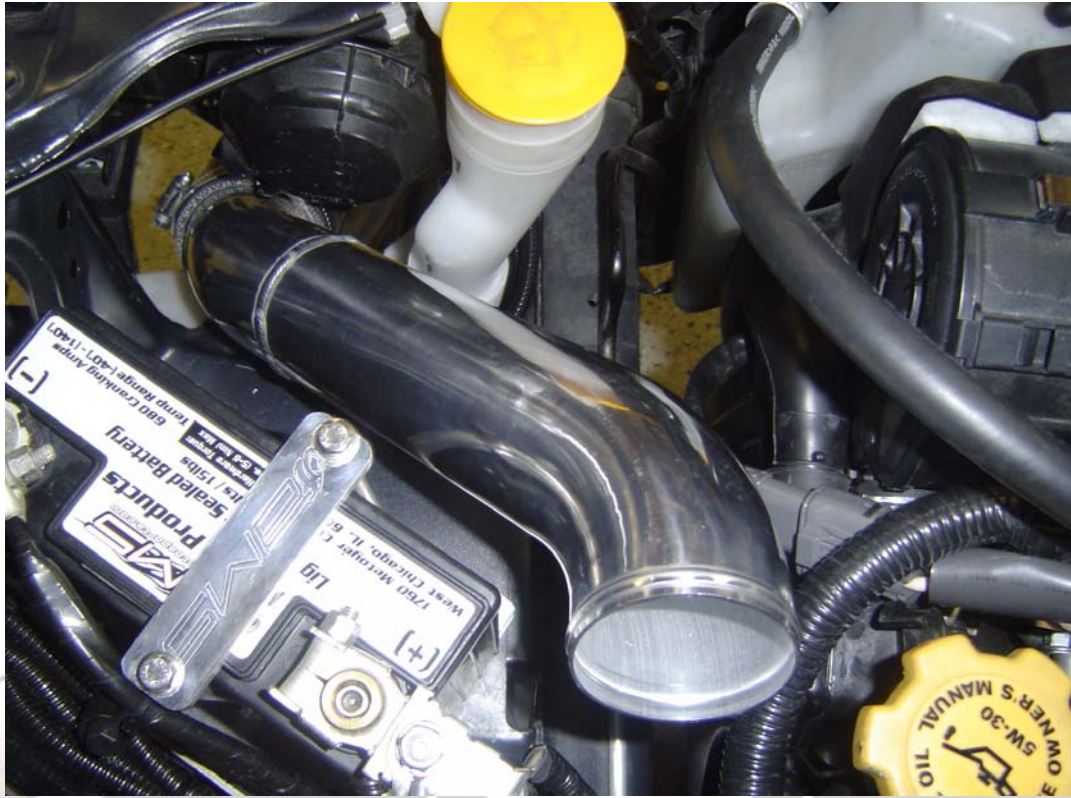


7. Now install the first intercooler outlet pipe with silicone coupler bolted on facing the battery.





8. Install the next intercooler pipe that goes right next to the battery (it's two 45 degree pipes welded together, the longer 45 degree piece faces upwards).



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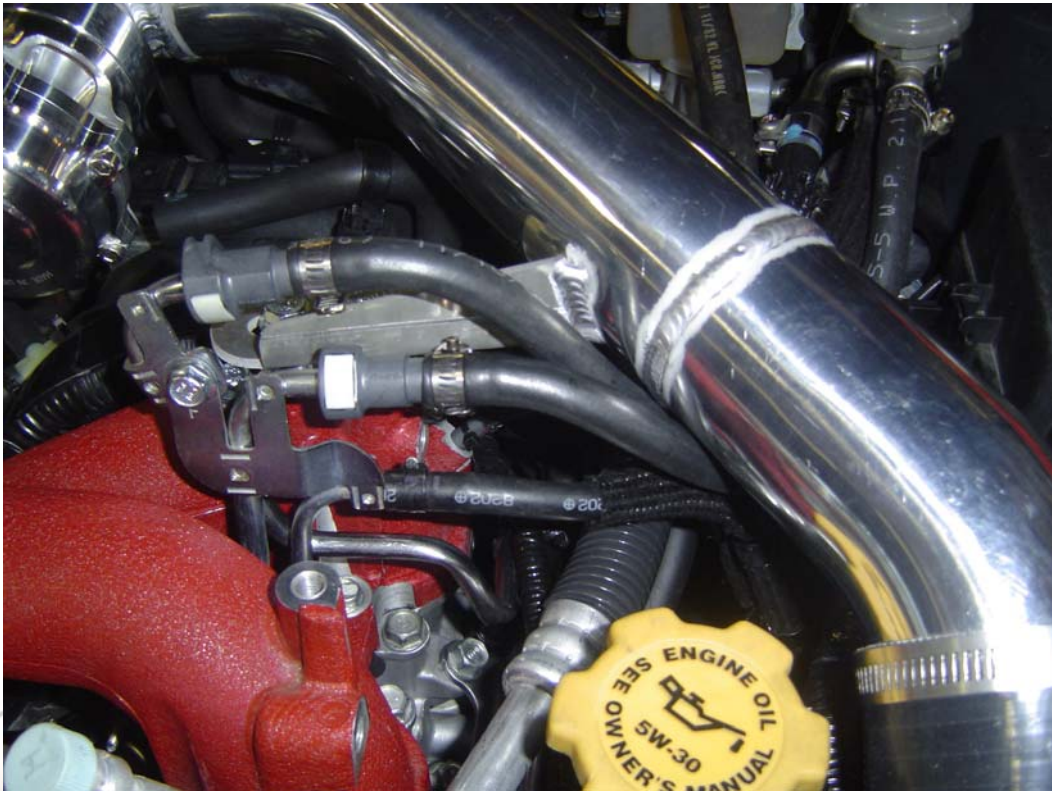
9. Install the reducer coupler on the throttle body and install the Tial blow off valve on the last intercooler pipe.



10. Install the blow off valve intercooler pipe and connect the vacuum line to the blow off valve. Bolt the intercooler pipe to the intake manifold with your factory hardware.



11. Install the new AMS provided fuel lines.



12. At this point a boost leak test should be done to ensure there are no leaks or loose connections. And also upon first start up check for any fuel leaks around the new fuel lines.

13. The last step in this install is to trim from bumper and lower engine cover. Trim just enough to clear the intercooler core. Trim a little bit at a time to ensure too much material isn't taken off.





