



NISSAN R35 GT-R Alpha Charge Pipes

Installation 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 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 Performance product(s) please call us for technical assistance. The AMS Performance tech line can be reached during business hours at 847-709-0530 for AMS Performance products only.

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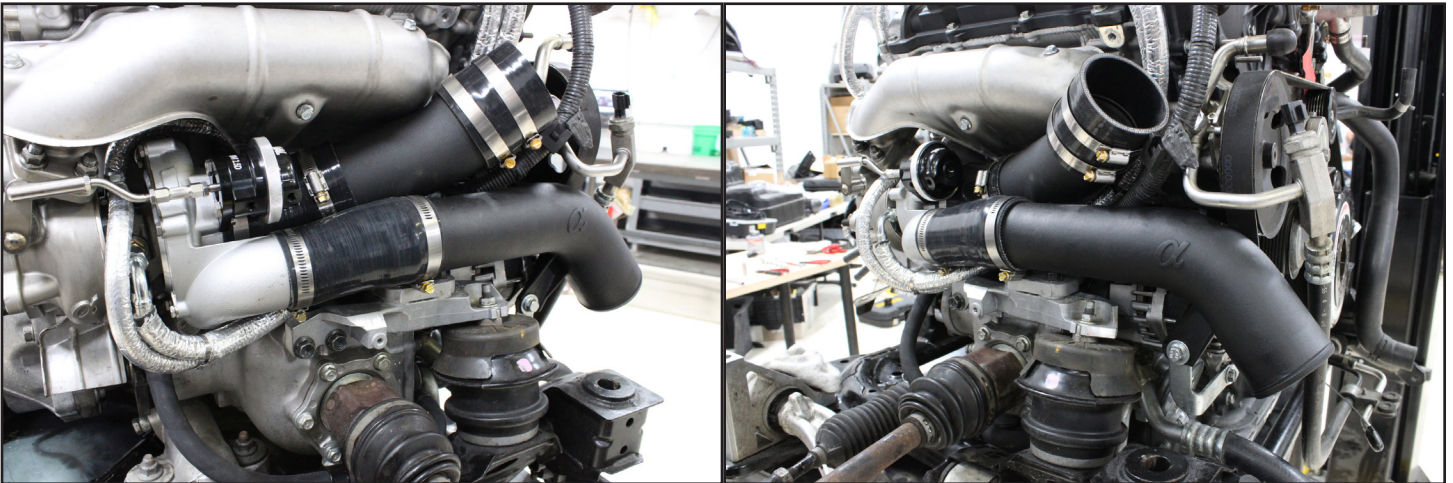
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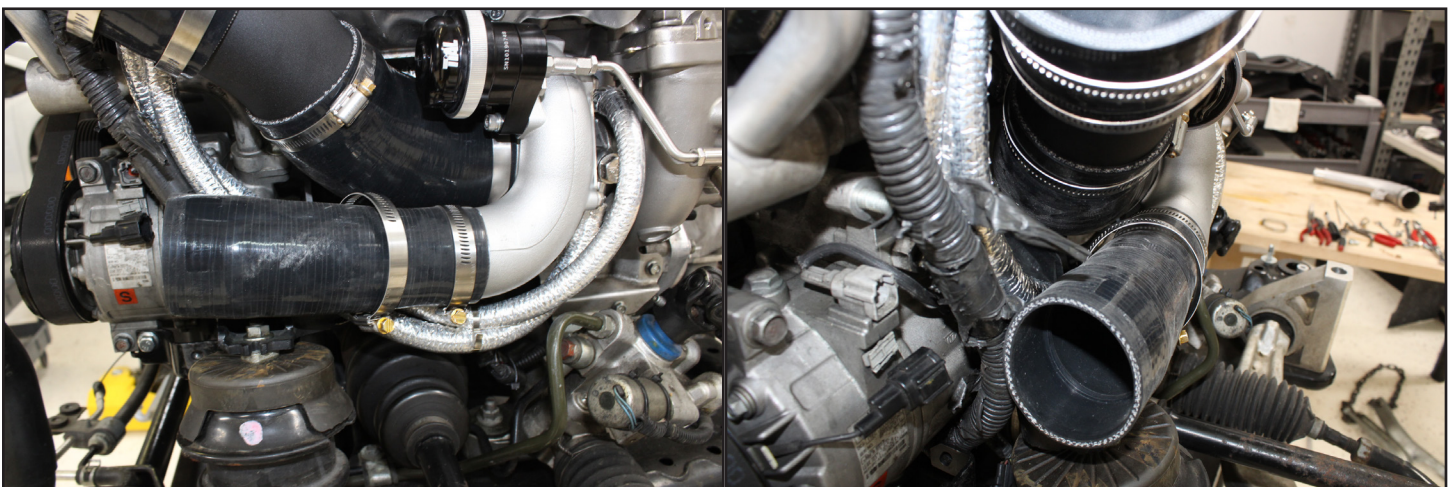
Note: These instructions are designed to be used in conjunction with steps 15 and 25 of the Omega 9,11,13, and 14 turbo kit instructions.

1. Starting with the passenger side, locate the shorter straight silicone and two hose clamps. Loosely install the silicone on the compressor cover.
2. The longer of the two cast charge pipes is the passenger side. Install the charge pipe into the silicone and mount it with the short M8 bolt and washer.

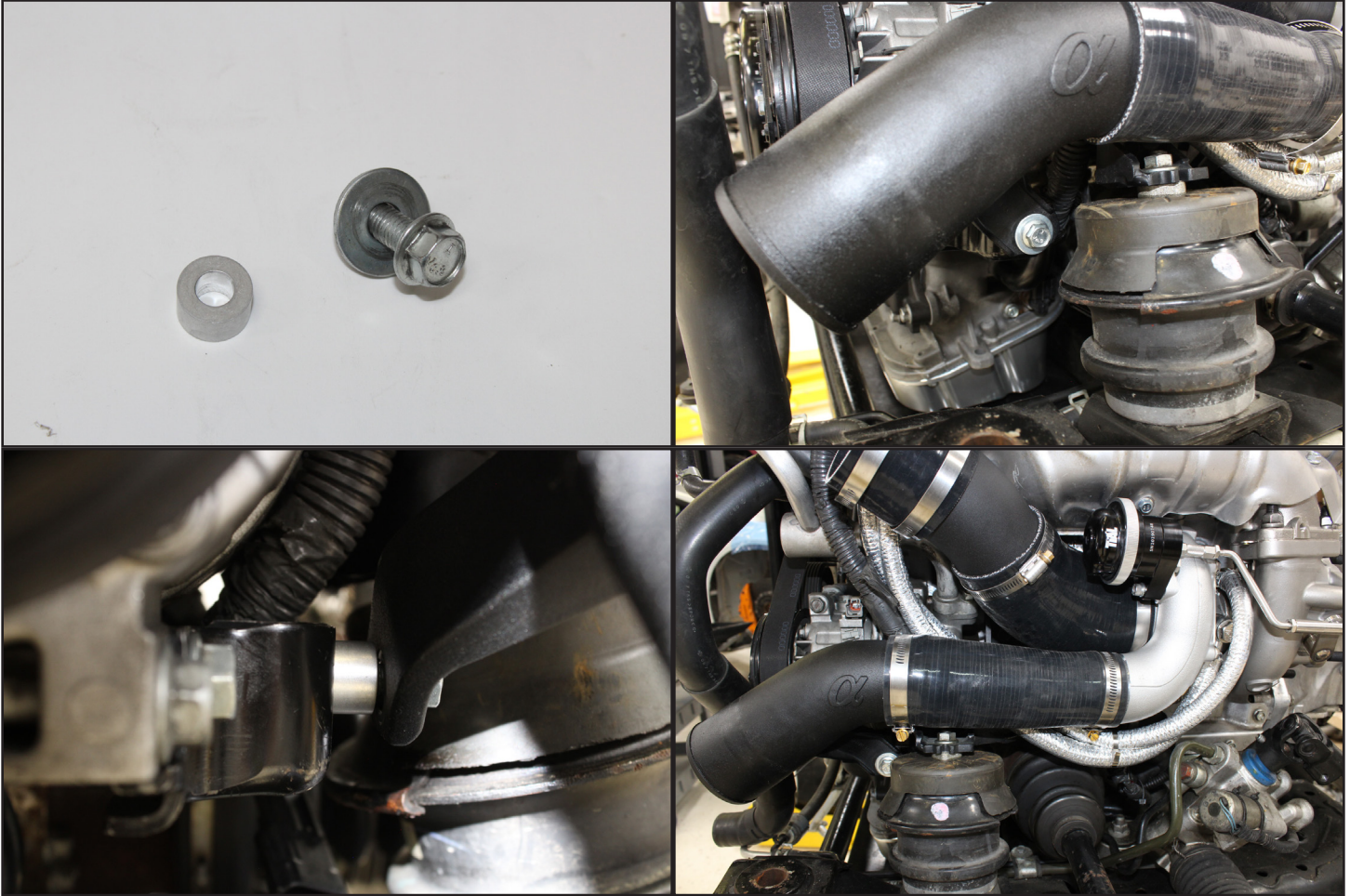
Note: You may need to clock the silicone to suck the charge pipe closer to the engine.



3. On the drivers side you will need the longer straight silicone and shorter cast charge pipe. Loosely install the silicone with two clamps.

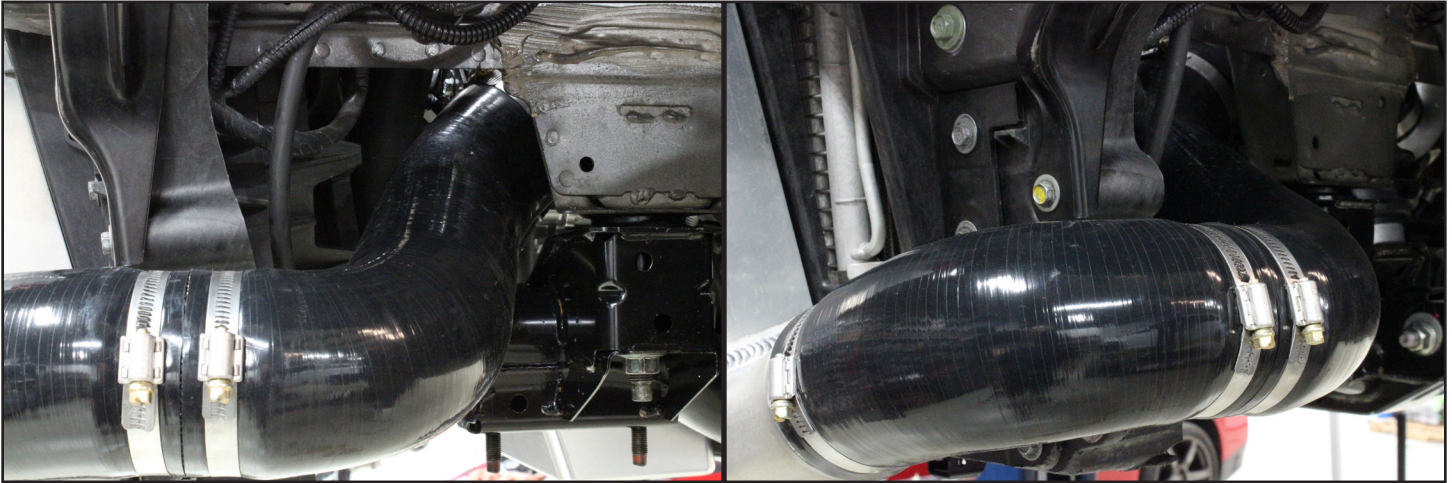


4. Install the charge pipe into the silicone and mount it using the longer bolt and washer. You will also need to install the spacer on the back of the charge pipe to space it away from the alternator.

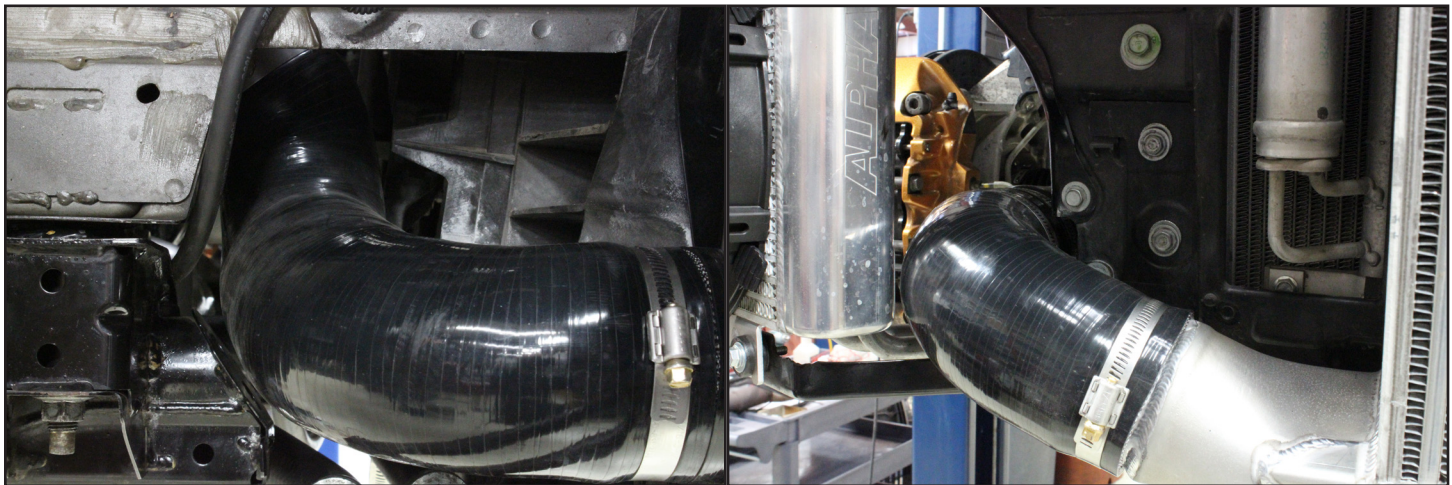


5. The charge piping kits includes silicone that routes from the cast compressor outlets to the inlet of the intercooler. If you already have an Alpha Intercooler setup, the 90-degree silicone will be changed. The old silicone is not a full 3" all the way through as the X kit silicone is.

6. Locate the left side compressor outlet kit silicone. Install the long S style silicone with the loose 45-degree bend on the cast compressor outlet pipe. Next install the supplied 3" jumper pipe. Last, install the 90-degree silicone with the longer leg on the intercooler. Leave all the hose clamps loose to adjust before tightening. Adjust as necessary, then finish tightening all the hose clamps starting from the cast outlet to the intercooler. The pictures below are shown without the washer bottle installed.



7. Locate the right-side compressor outlet kit silicone. Install the long S style silicone with the tight 45-degree downward bend on the cast compressor outlet pipe. Next install the supplied 3" jumper pipe. Last, install the 90-degree silicone with the longer leg on the intercooler. Leave all the hose clamps loose to adjust before tightening. Adjust as necessary, then finish tightening all the hose clamps starting from the cast outlet to the intercooler.



8. This completes the Alpha Charge Pipe Instructions. Refer to the Omega 9,11,13, and 14 installation instructions for the rest of the install.