



BMW 135i/335i

Intercooler

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 M-F, 9AM-PM Central time at 847-709-0530 for AMS products only.

### **Packing List:**

- Intercooler
- 2 Couplers
- 4 Clamps

### **Installation Instruction:**

1. Remove the undertray.



2. Pull back on both of the spring clips holding the intercooler piping to the intercooler. Then disconnect the piping from the intercooler.



3. Twist the tabs holding the air guide to the intercooler and remove.

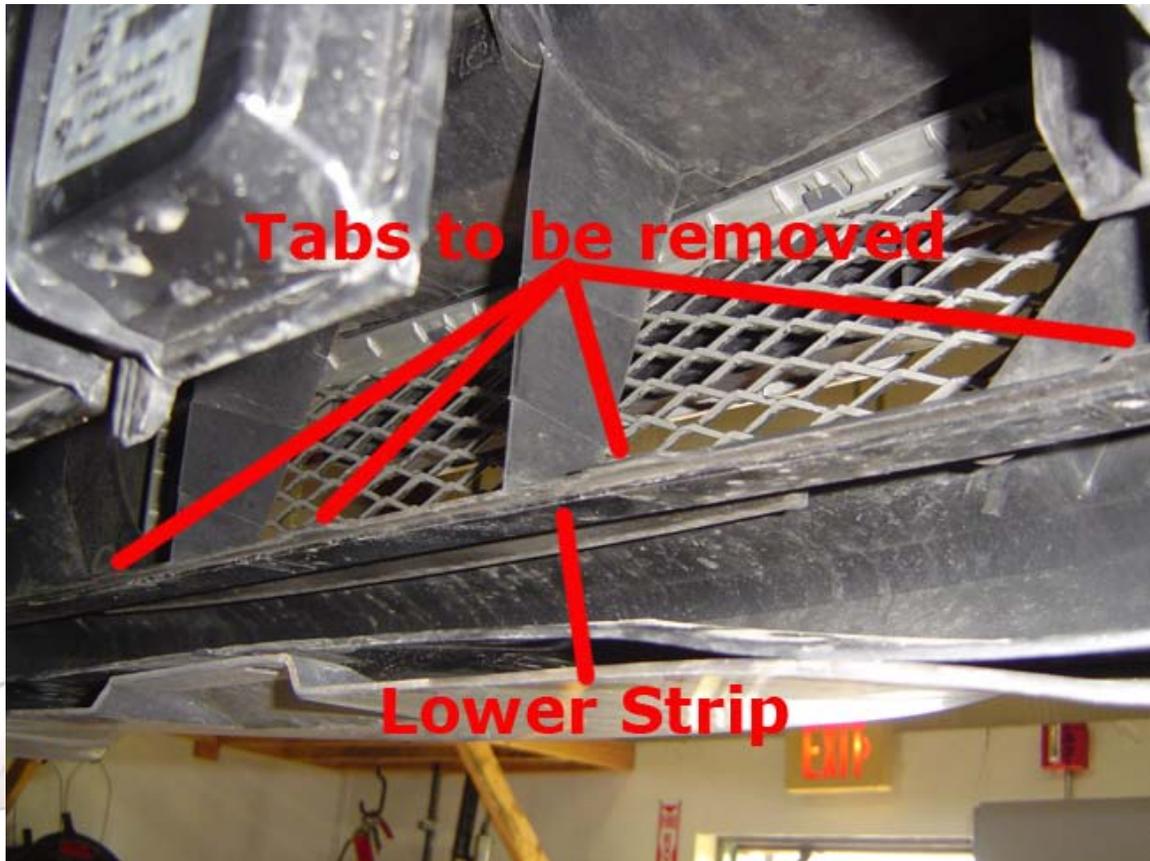


4. Twist the tabs and disconnect the fan shroud from the intercooler.



5. Remove the T25 screws on each side of the intercooler and remove the intercooler.
6. Now you can remove the couplers that connected the rest of the intercooler piping to the stock intercooler. This needs to be done VERY CAREFULLY so the piping is not damaged. The couplers are held on by metal bands that need to be cut off. The best tool for the job is a cut off wheel or a 90 degree angle grinder. Cut a little at a time and check your progress. The intercooler piping is very difficult to replace and expensive if it is damaged.

7. In front of the intercooler area there are two horizontal parts of the bumper that must be trimmed. The lower strip needs to be cut level with the top strip and the tabs must be cut off of the top strip.



8. You can now install the intercooler and couplers. Be sure when putting the intercooler in place that the tabs catch and support the fan shroud. The short piece of silicone goes on the passenger side and in most cases loosely installing it on the intercooler pipe before putting the intercooler in place makes things easier. The driver's side coupler can be installed once the intercooler is already in place. The couplers may take some working to get into place as they are direction specific. The clamps will be difficult to get to. In most cases a 8mm/5/16 swivel socket, long extension and ¼" ratchet help get into the tight spots.
9. Re-install undertray.