

ULTRIK INTERCOOLER BELLOWS UPGRADE KIT INSTALLATION INSTRUCTIONS

P/N NME5006

The ULTRIK Intercooler Bellows upgrade kit is designed to improve the seal between the intercooler and plenums with a much more durable bellows. Great for stock intercoolers, recommended for cars with the pulley upgrades or our Water-to-Air Intercooler (NME5005).

KIT CONTENTS



INSTALLATION SUMMARY

Installation of the bellows requires the removal of the intercooler.

The Bellows Upgrade kit consists of two pieces, the larger one for the intercooler 'inlet' side (supercharger side) and the smaller one for the intercooler 'outlet' side (intake manifold side). The smaller piece fits rather snugly, so it is recommended you install it first, then the larger one which slips on easily. The larger bellows fits loosely, but the factory clamp WILL create a tight seal.

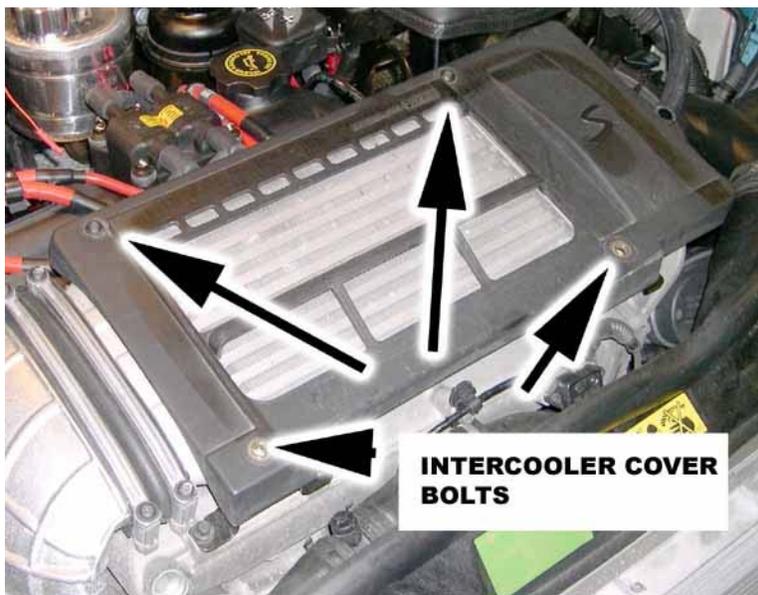
You will be working on top of the engine - be careful not to drop any parts into the engine compartment.

When you remove the intercooler, be careful not to let any debris enter the intercooler or plenums.

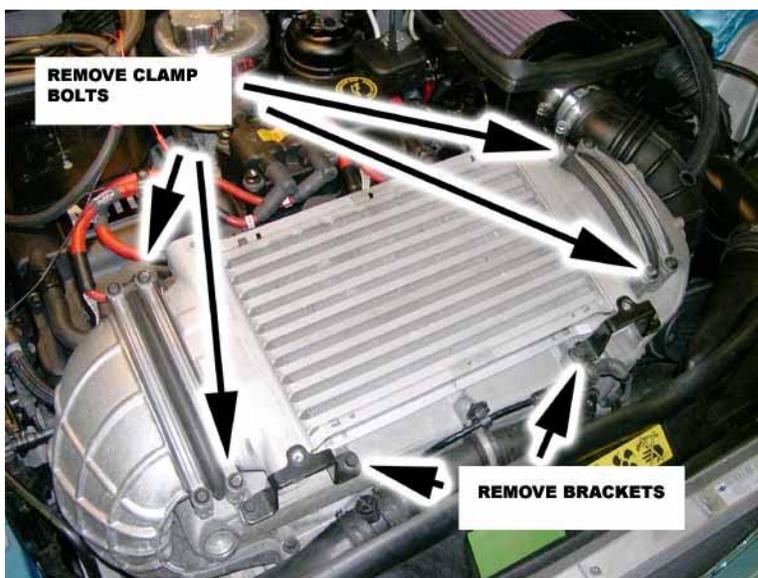
Disconnect the battery when working in the engine compartment.

INSTALLATION INSTRUCTIONS

1. Remove the intercooler cover by removing the 4 retaining Torx bolts as shown.



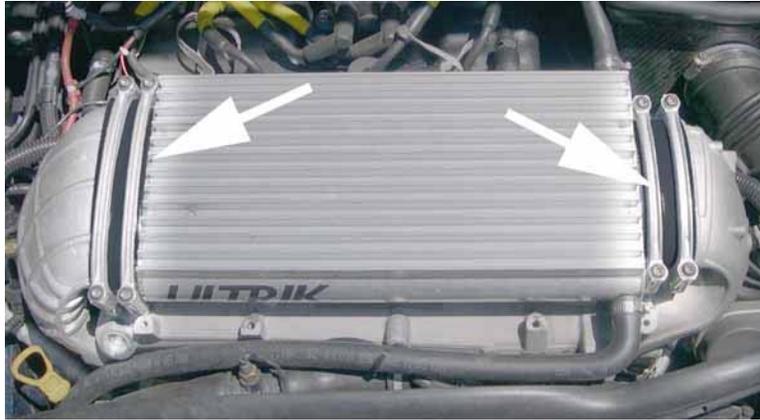
2. Remove the intercooler by removing the 4 support bolts as shown. Then remove the bellows clamping bolts and remove the clamps. When removing the intercooler, it may be necessary to push the intercooler all the way to one side while lifting the other end. After freeing one side, pull out to remove the unit.



3. Below is a photo with the intercooler removed.



4. Remove the clamp and bellows.
5. Begin by installing the smaller bellows onto the right side (intake manifold side) and loosely assemble the clamp. It may be necessary to use some lubricant on the bellows as the fit can be tight. A small putty knife may be helpful to slip the bellows onto the intercooler. Be careful not to damage the bellows.
6. Install the larger bellows onto the other plenum and loosely fit the clamp. The bellows will fit 'loosely', but the clamp WILL create a tight seal. Installation will be easier if you force the bellows onto the plenum as far as it will go.
7. Install the intercooler onto the right side bellows. Again, it may be necessary to use some lubricant and the putty knife to fit the intercooler onto the bellows.
8. Push the intercooler as far right as it will go and slip the left side bellows onto the intercooler.
9. Once the intercooler is in position with both bellows attached and properly positioned, re-install the clamps. Tighten the clamp bolts to 9 Nm (7 ft-lb).
10. Re-install the bracket bolts, then the cover, all torqued to 9 Nm (7 ft-lb). Loctite is recommended on these bolts as they tend to come loose over time.



11. Reconnect your battery. Remove any tools or parts in the engine bay, then start the motor.
12. With the engine running, listen for any 'hissing' sounds that indicates a vacuum leak. If this sound is absent, you are ready to go!

Happy Motoring!