

Kia Ceed GT Intercooler Fitting Instructions

Tools needed:

- Ratchet and Socket Set
- Extension Bar
- Trim Tool
- Flat-Bladed Screwdriver
- 5mm Allen Key
- Pliers

Kit Includes:

- 1x AIRTEC Motorsport Intercooler
- 4x Pro Hoses Silicone Hoses
- 2x Alloy Pipes
- 1x 80mm Jubilee Clip
- 7x 70mm Jubilee Clip
- 3x M8x16mm Hex Head Bolts
- 2x M8 Large Washer
- 1x M8 Nyloc Nut
- 2x M8 Small Washer
- 2x M6x70mm Socket Head Bolt
- 1x M6x12mm Socket Head Bolt
- 4x M6 Mud Guard Washers
- 2x M6 Nyloc Nuts
- 2x M6x16mm Hex Head Bolts
- 2x M6 Mud Guard Washers
- 190mm Vac Line
- 340mm Vac Line

PLEASE THOROUGHLY READ THESE INSTRUCTIONS AND MAKE SURE YOU ARE FAMILIAR WITH THE STEPS BEFORE CARRYING THEM OUT



Instructions:

1. Start by removing the four plastic clips from the top of the slam panel in the engine bay.



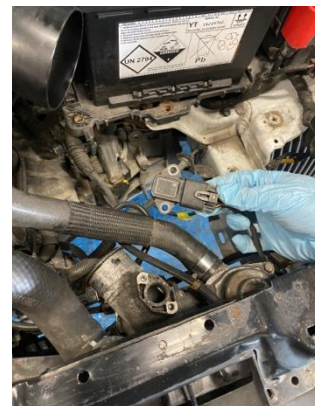
2. Remove your original or AIRTEC Motorsport (pictured here) intake from the engine bay by undoing the jubilee clip and using a 10mm socket and 5mm Allen Key to release the three fixings.



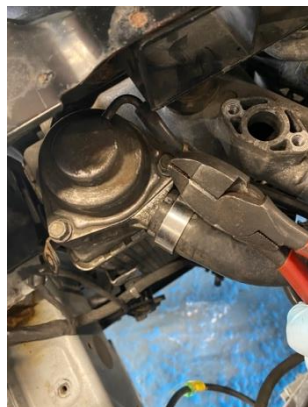
3. Release two 8mm bolts from both arch liners and unclip the front bumper from the wings. You will also need to disconnect the headlight washer by gently pulling it to release it from the washer hose.



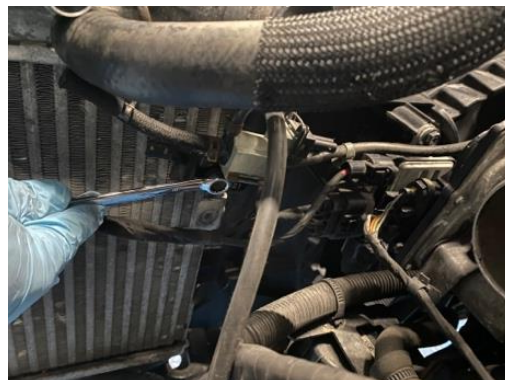
4. You can now remove the top boost pipe using a 8mm socket then and then remove the sensor form the top of the intercooler using a 10mm socket.



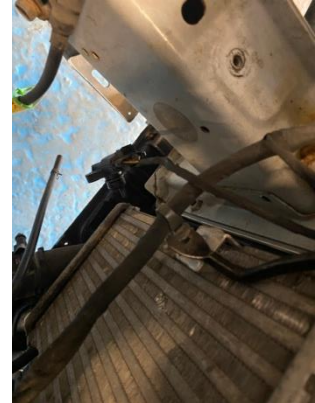
5. Locate the re-circ valve and release the clip securing the vacuum hose to it, then undo the jubilee clip to remove the larger hose from it.



6. Now release the vacuum from the back of the intercooler and unbolt the bracket from the intercooler using a 10mm spanner.



7. Remove the two 10mm bolts securing the scoop to the intercooler then unclip the wiring from the back of the intercooler.



8. You can now remove the lower boost pipe by using an 8mm socket and then the original intercooler can be removed from the car.



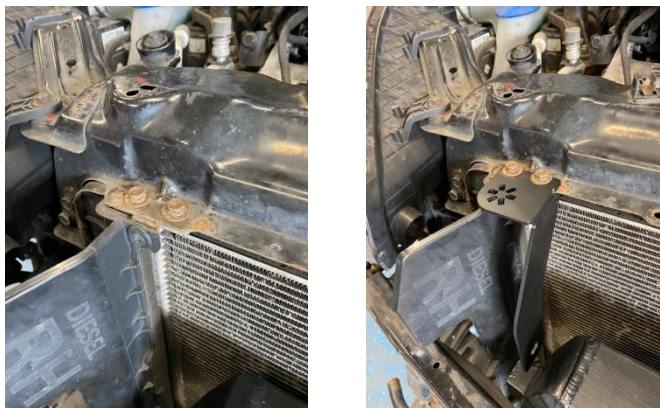
9. The re-circ valve can now be removed from the intercooler using a 10mm socket. You will also need to unplug and unbolt the horn from the crash bar by using a 10mm socket.



10. Secure the larger supplied intercooler bracket in place using the supplied two M6x65mm Socket Head bolts with mud guard washers and M6 Nyloc Nuts through the crash bar.



11. Remove the two 10mm bolts from the top of the slam panel then reinstall them with the second intercooler bracket in place as shown.



12. The intercooler can now be placed behind the crash bar and the brackets can be secured to the intercooler. Install the right-hand side by using the two supplied M6x16mm Hex Head bolts with M6 mudguard washers, then install the left-hand side using one M8x16mm bolt with an M8 washer.



13. Install the lower bracket onto the intercooler using the supplied M8x16mm Hex Head bolt with M8 washer. Then secure the bracket to the crash bar by reusing the 10mm bolt removed in Step 9 for the horn. Secure the horn to the back of the bracket using the supplied M8x16mm bolt with two small washers and a Nyloc nut.



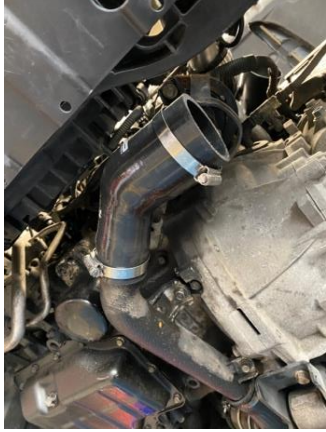
14. Install the silicone hose onto the right-hand side of the intercooler then install the alloy pipework, which the sensor and re-circ valve can also be refitted to. Then secure the other silicone pipe to the throttle body. Also connect the wiring to the boss underneath the alloy pipework by using the M6x12mm bolt with washer.



15. The vacuum hoses can now be removed and replaced with the new supplied hoses. Replace the shorter hose with the provided 190mm vac hose and the longer one with the 340mm vac hose.



16. You can now install the silicone reducer onto the original alloy boost pipe before installing the other end to the supplied alloy pipework as shown. Install the last silicone pipe to the intercooler complete the boost pipe set up. Make sure to secure all of the pipes using the provided jubilee clips and fully tighten.



17. Finally, check that everything has been secured correctly in place and reinstall the front bumper in reverse of removal.



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