

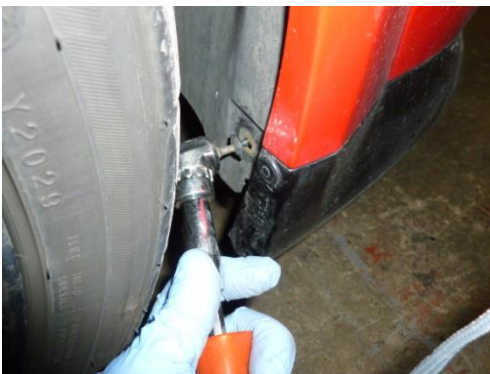
Astra Mk5 1.6 Airtec Intercooler fitting instructions



1. Remove front grill (3 x T25 Torx bolts) then pull upwards, be careful not to break clips.



2. Remove the 4 x T20 screws, securing the inner wheel arch liner to the bumper



3. Bottom of bumper - remove 3 securing pins by pulling centres of pin out first



4. Un-clip both sides of the bumper by carefully but firmly towards you



5. Disconnect the fog light wiring 'Blue clips'
6. Remove 2 plastic clips, un-clip bumper and carefully remove (disconnect Airflow sensor on back of bumper grill)



7. Remove foam end caps of crash bar and drill out alloy rivets as shown



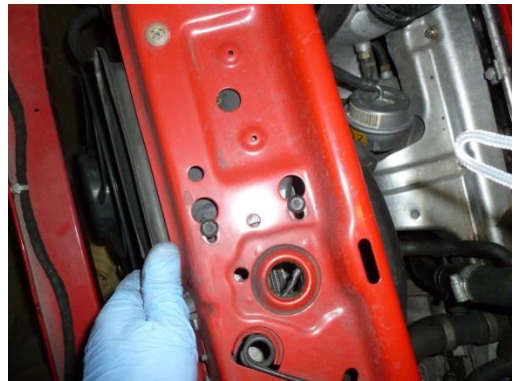
8. Remove 10mm bolt securing washer bottle



9. Remove the 6 x 13mm bolts securing the slam panel (3 each side)



10. To remove slam panel, lift upwards, un-clip Air feed pipe and un-clip wiring loom from panel so it's free to be removed and placed to one side.



11. Remove standard intercooler by undoing 1x 10mm nut & 1 E8 torx bolt



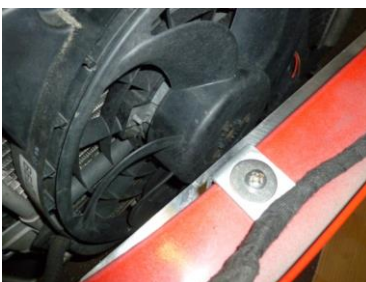
12. Unclip wiring loom from bottom of intercooler and remove intercooler



13. With intercooler and pipework removed, it's time to fit your new Airtec intercooler!



14. Drill 2 x 5mm holes (no bigger) and secure with screws provided (Tip. Use the lower securing brace to help position the intercooler before drilling). Once intercooler is secure install lower brace as shown



15. Reposition horns on top of each other as shown



16. Now it's time to install the boost pipes, take the 90 degree reducer (50mm-60mm) and place 50mm end onto the turbo compressor housing, then connect the alloy straight joiner as shown



17. On to the right hand side and install the 45 degree silicon hose from the kit onto the intercooler , then install 'S' alloy boost pipe as shown and bolt to original intercooler fixing stud as shown, fit hump hose to throttle body, then once happy with position tighten hoses and fit securing bolt for Alloy boost hose



18. With the slam panel fitted check clearance of alloy boost pipe to the panel itself, if required install protective edging supplied, if hitting readjust alloy boost pipe and silicon hoses to give you enough clearance.

19. Installing protective edging as shown



20. All whats left to do now is refit bumper etc in reverse order of removal. Please note trimming needed for bottom of bumper fixing to subframe.

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lower prices = AIRTEC cooling solutions**