

AIRTEC Fitting Instructions

M O T O R S P O R T

Vehicle:	Ford Focus ST Mk4
Product:	Intercooler
Part number:	ATINTFO55



Kit Contents:

1x AIRTEC Motorsport Intercooler	2x Mx25mm Socket Head Bolts
2x Billet Fitting Blocks	2x M6 Washers

Tools Required:

Ratchet and Socket Set	Torx Sockets
Trim Removal Tool/Flat-Blade Screwdriver	

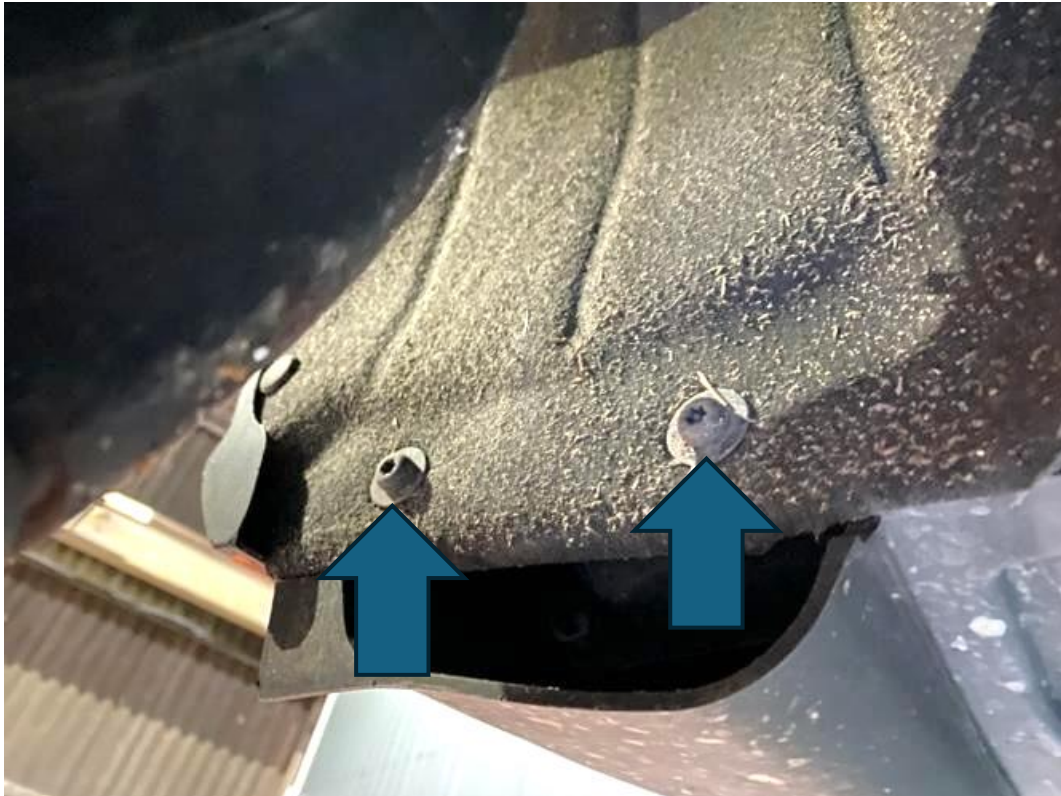
PLEASE THOROUGHLY READ THESE INSTRUCTIONS AND MAKE SURE YOU ARE FAMILIAR WITH THE STEPS BEFORE CARRYING THEM OUT

Instructions:

1. Start by removing 17 T27 screws from the under tray then remove the five 10mm screws from underneath of the front bumper as well as the six trim clips.



2. Now remove the two T27 screws from either side of the inner wheel arch liners.



3. Remove six 10mm bolts along the top of the bumper, plus the two trim clips and two T27 Torx screws.



4. You will now need to remove three trim clips from inside the inner wheel arch liners and then the one clip inside the wing that secures the bumper to the bracket each side.



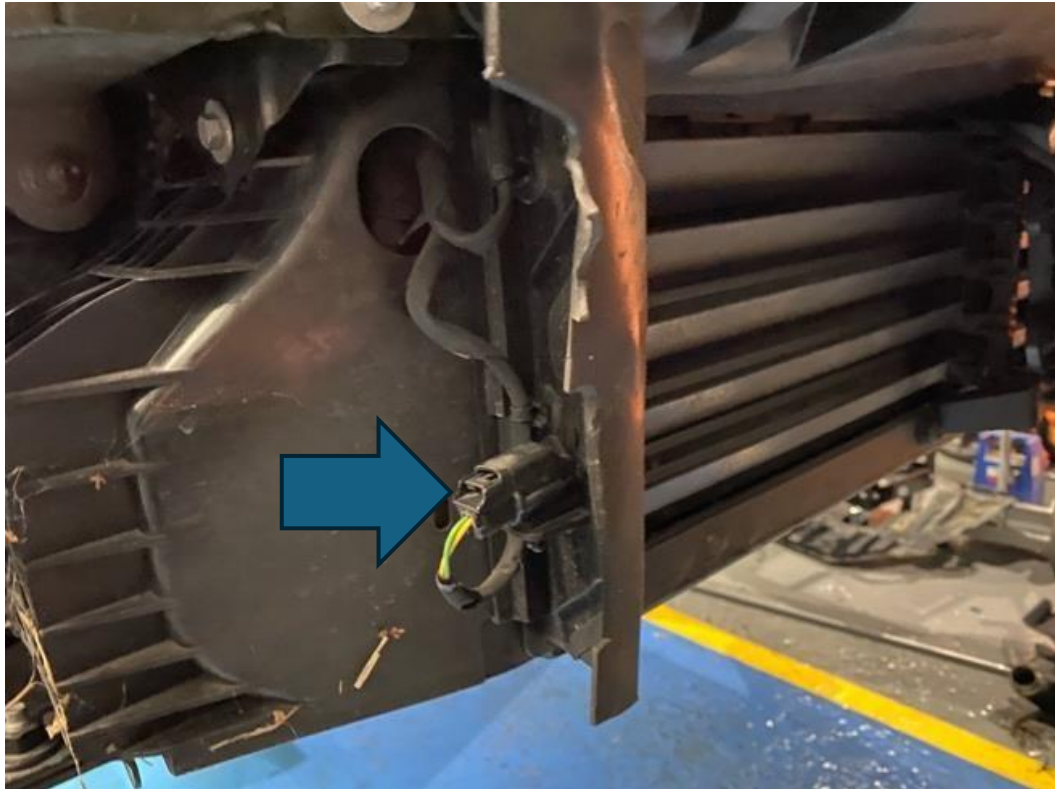
5. Release the bumper from the wing brackets by pulling carefully but firmly away from the car.



6. Now unclip the wiring harness from inside the driver's side inner wheel arch liner.



7. You will now be able to remove the front bumper and place it in a safe place. Then unplug the temperature sensor and unclip the wiring loom from the front surround. You can then remove the lower surround by applying pressure on the locating tabs.



8. Remove the four trim clips along the top of the upper surround and then squeeze the clips on either side to release the surround.



9. Remove the plastic trim in front of the crash bar and set aside.



10. Now remove the four 10mm bolts on the sides of the crash bar and the eight 15mm bolts securing the crash bar to the car.



11. Unclip the radar wiring harness then remove the radar by undoing the two T27 screw. You can then lift the radar up and out to remove it.



12. Unclip the wiring harness from the plastic surround.



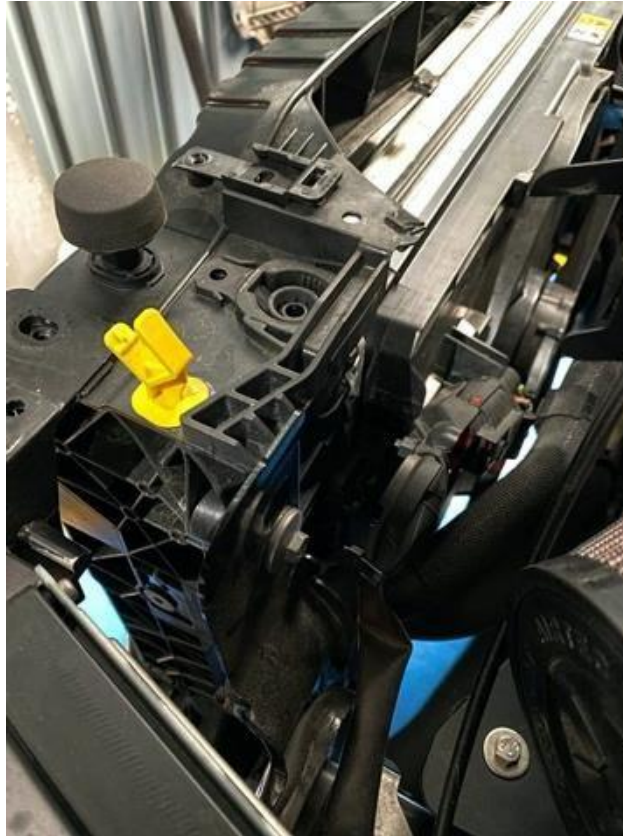
13. Remove the bonnet latch by undoing the T27 screw for the sensor and the two 8mm for the latch itself. You can then unclip the cable from the clips on the surround, unplug the wiring and place the latch aside.



14. Remove the headlights at this stage by undoing one T27 screw each side and unclipping the wiring plug.
15. You will now need to undo the two 10mm bolts on the underside of the front surround and a further two on the back of the surround.



16. Release the clips for the rad pack by squeezing them and pushing them in (one clip each side). Undo the two 10mm bolts at the top of the surround and remove. You will need a second person to help remove it.



17. The bonnet will now need to be supported via a different method as the bonnet strut is removed with the surround.



18. Unclip the intercooler pipework and remove the intercooler by squeezing the two clips at the top. It will then swing forward and down.



19. You can now install your new AIRTEC Motorsport intercooler by inserting the billet fitting blocks provided in the kit and securing using the bolts and washers supplied. Then reconnect the pipework.



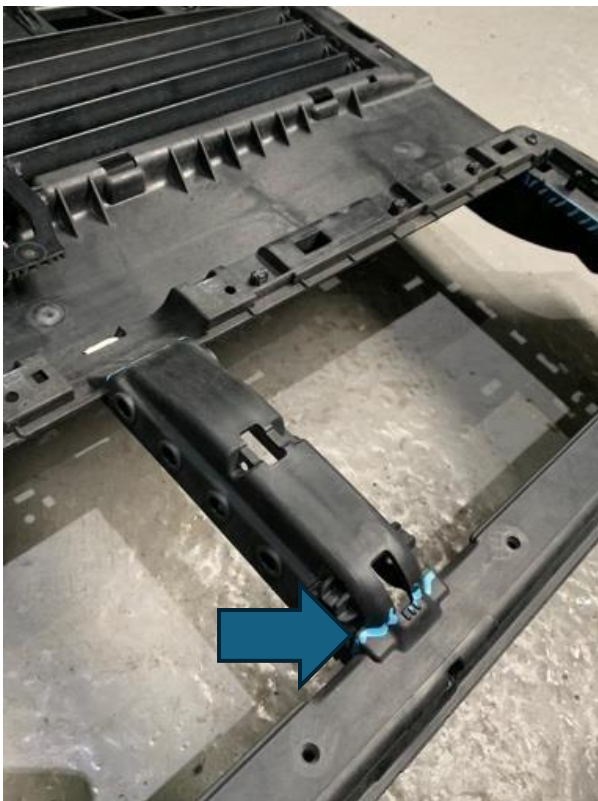
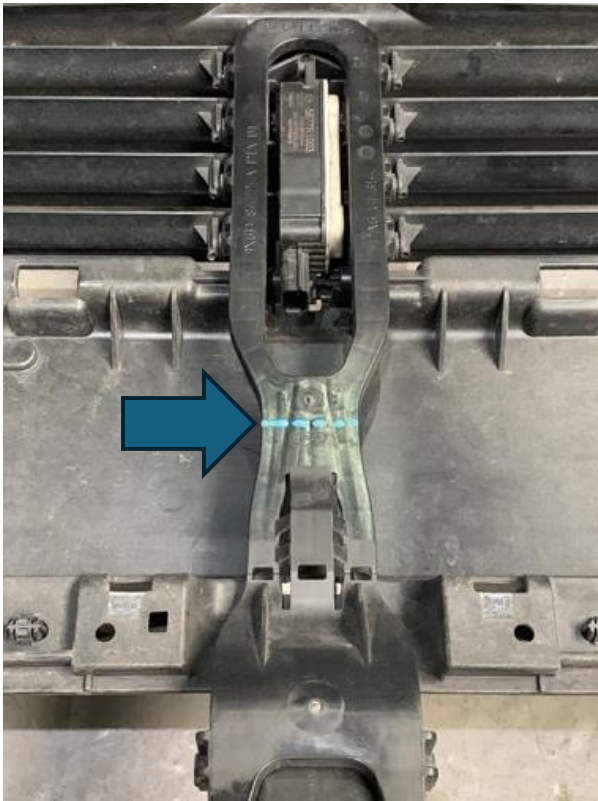
20. The next step is to refit the intercooler / rad pack surround, but before fitting you will need to remove the lower flaps and cut the plastic to allow the larger intercooler to fit.



21. Start by applying pressure on the surrounding clips of the lower section this will allow you to remove the flaps.



22. Now cut where the markings are shown in the pictures below.



23. Your casing should now look like this. You can now reinstall in reverse of removal.



24. Finally, refit the crash bar, headlights and front bumper in reverse of removal.

