

# Ford Transit MS-RT intercooler fitting instructions

## Tools needed:

- Socket set
- Torx socket set
- Trim tool or flat headed screwdriver
- Jubilee flexdriver or 7mm socket

## Kit Includes:

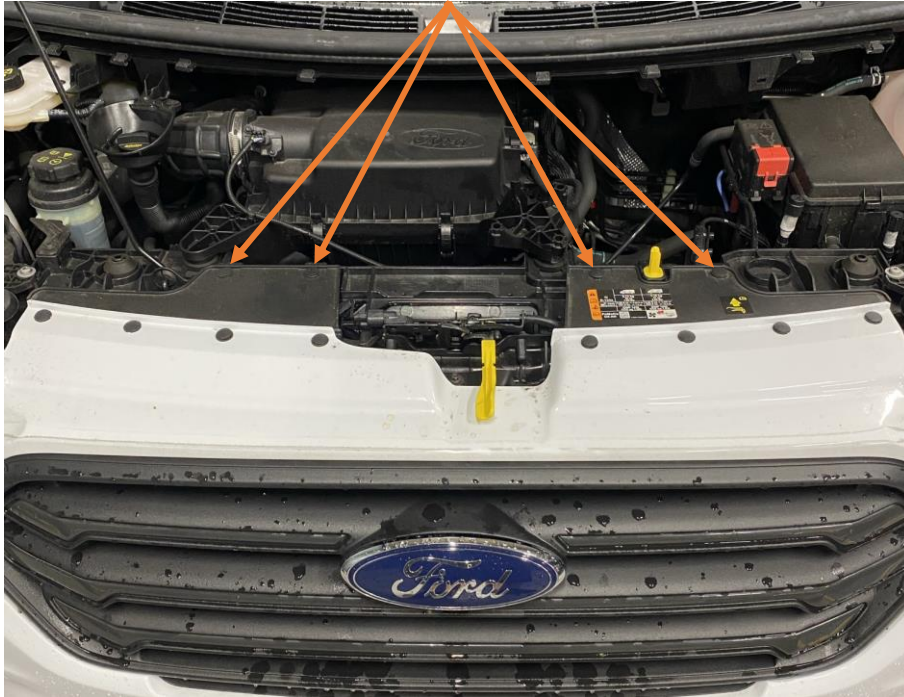
- AIRTEC full height intercooler
- 2 x Bracket
- 2 x Side scoops
- 2 x M8 spacers
- 2 x M8 x 40mm cap head bolts
- 8 x M8 washers
- 2 x M8 nuts
- 2 x M8 x 10mm hex bolts
- 4 x M6 cap head bolts x 12mm
- 4 x M6 washer

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

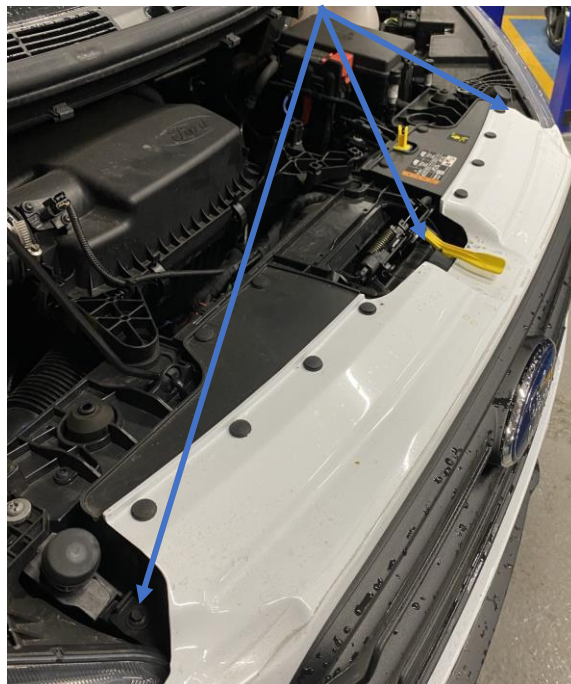


## Instructions:

1. Open the bonnet and secure.
2. Remove 4 x plastic along the top using a trim removal tool.



3. Undo the 3 x 8mm bolts also along the top.



4. Remove the number plate and then the 2 x 10mm bolts underneath.



5. Undo the 2 x T27 holding in the headlights and unclip the plug before removing the headlight by lifting it up at the back to clear the tab and then remove from the van.



6. Undo the T20 and 1 x T15 holding the plastic guard on the edge of the bumper to the inner arch.



7. You can reach underneath the van and disconnect the two DRL plugs



8. Pull the edges of the bumper to release.

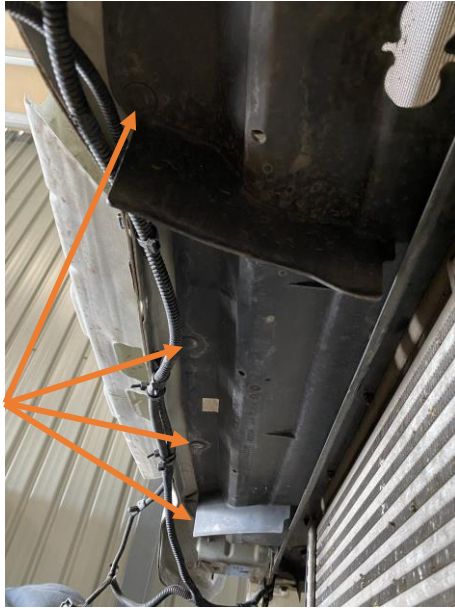
9. Whilst one person holds the bumper unclip the four clips in the middle of the bumper, two will be visible once the headlights are removed and the other two are in the front grill and will require a long flat head screwdriver or similar to release.



10. Pull the bumper away just enough that you can undo the 4 x parking sensors and the place the bumper somewhere safe.
11. Remove the one plastic clip each side where the side air guides connect to the radiator cradle.

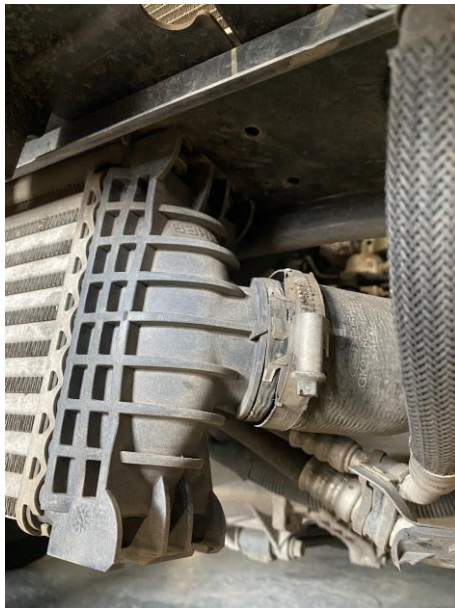


12. Remove the 4 x plastic clips holding the plastic guide to the crash bar.



13. Unclip the coolant hoses from the radiator cradle.

14. Disconnect the intercooler hoses from the intercooler by undoing the jubilee clips using a flexidriver or 7mm socket.



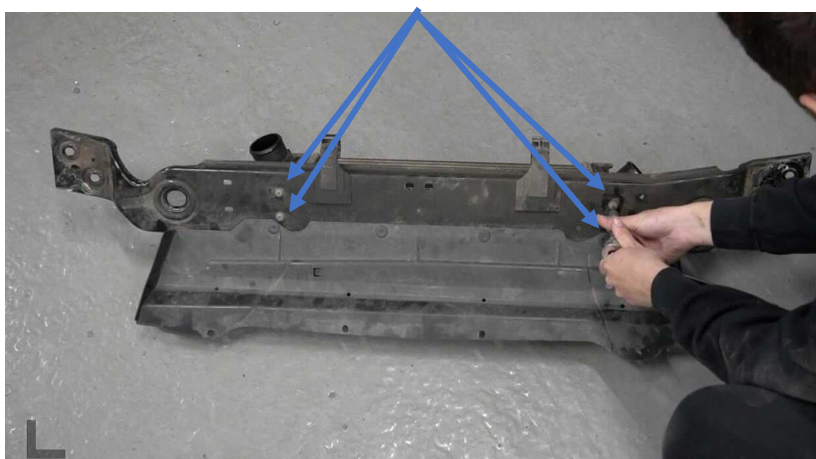
15. Undo the 4 x 10mm bolts holding the radiator cradle in, have someone there to support the radiator as you lower the cradle.



16. With the cradle removed from the van you can then take off the plastic guide by removing the 4 x plastic clips holding it on.



17. Remove the intercooler by undoing the 4 x 10mm bolts holding it to the cradle.



18. Reattach the cradle to the van using the original bolts you removed and clip the coolant hoses back in and clip the side air guides back in.
19. Attach the side brackets to your new AIRTEC Motorsport intercooler using the supplied M8 bolts with washers, do not fully tighten at this stage though.



20. Place the provided through bosses in the crash bar and using a second person have them lift the intercooler into place whilst you insert the M8 bolt and then place a washer and nut on and tighten but not fully. Do this for both sides.



21. Using the second person still get them to align the intercooler so that is level and in the middle. Once happy with the positioning proceed to tighten all of the M8 bolts.



22. Attach the side scoops with the provided M6 bolts and washers.



23. Attach the hoses to the intercooler and tighten the jubilee clips.



24. Reattach the bumper in the reverse order of the removal.