

# AIRTEC MOTORSPORT Fitting Instructions

<b>Vehicle:</b>	Fiat 500
<b>Product:</b>	Intercooler
<b>Part number:</b>	ATINTFT1



## Kit Contents:

<ul style="list-style-type: none"><li>1x AIRTEC Motorsport Intercooler</li><li>7x Pro Hoses Silicone Hoses</li><li>1x 45-degree Alloy Pipe</li><li>1x Short Straight Alloy Pipe</li><li>1x 90-degree Alloy Pipe</li><li>1x Tow Eye Boss</li><li>1x Large Pipe with Bracket</li><li>1x Short Pipe with Bracket</li></ul>	<ul style="list-style-type: none"><li>16x Jubilee Clips</li><li>2x M8x16mm Socket Head Bolts</li><li>2x M8x25 Washers</li><li>4x M6 Mudguard Washers</li><li>2x Nyloc Nuts</li><li>2x M6x16mm Button Head Bolts</li><li>3x P-Clips</li></ul>
---	--

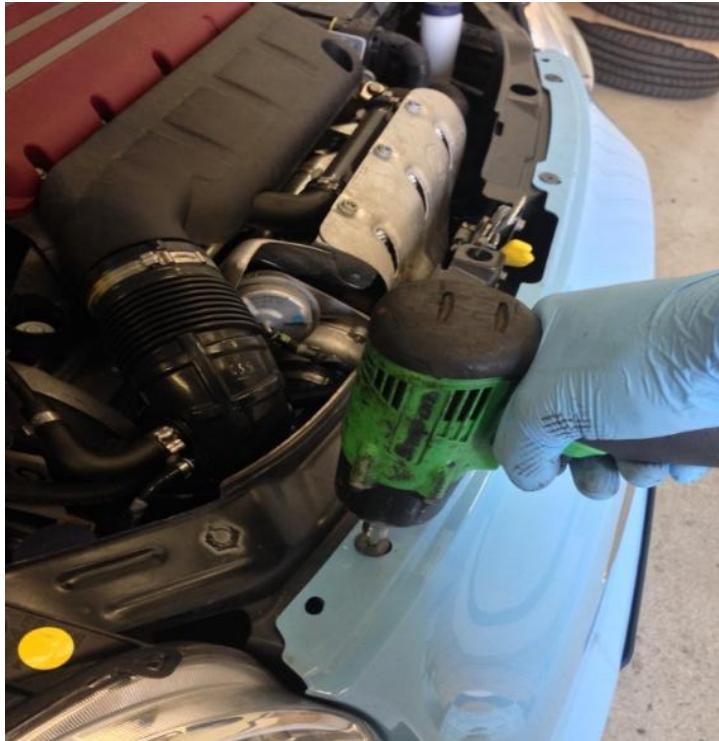
## Tools Required:

<ul style="list-style-type: none"><li>Ratchet and Socket Set incl. Torx Sockets</li><li>Crosshead Screwdriver</li></ul>	<ul style="list-style-type: none"><li>Jubilee Clip Flexi-Driver</li><li>Drill and Drill Bits up to 10mm</li></ul>
---	---

**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 Torx screws along the top of bumper and six Torx screws along the underside of the bumper.



2. Remove the Crosshead screws on each side of the inner arch liner as well as the two Torx screws securing the bumper to the wing, as shown.



3. Unclip each side of the bumper and carefully bring forward to allow the fog lights to be disconnected.



4. With the bumper off, remove the 10mm bolts securing the standard intercoolers in place.



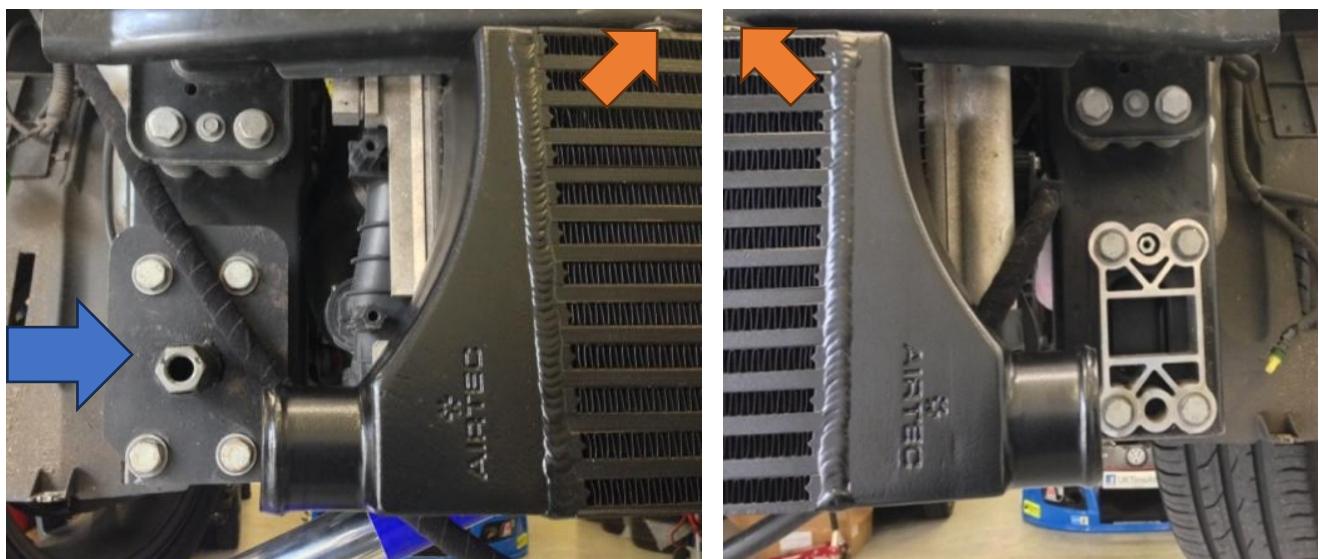
5. Then remove all pipe work joining the two intercoolers. The entire assembly should look like this when removed.



6. You can then remove the lower front crash bar and standard intercooler brackets.



7. Install the replacement tow eye boss provided in the kit (blue arrow) reusing the original bolts. Then with help from a second person, place the intercooler in position central to the crash bar fixings, as shown. Then carefully mark on the upper crash bar where the two bolt holes will locate (orange arrows).



- Once the crash bar is marked and you're happy it is centred and equal, drill two 10mm holes and then use the bolts, nuts and washers supplied in the kit to secure it in place. When secure, install the lower support bracket provided from underneath with the remaining bolts and washers supplied.



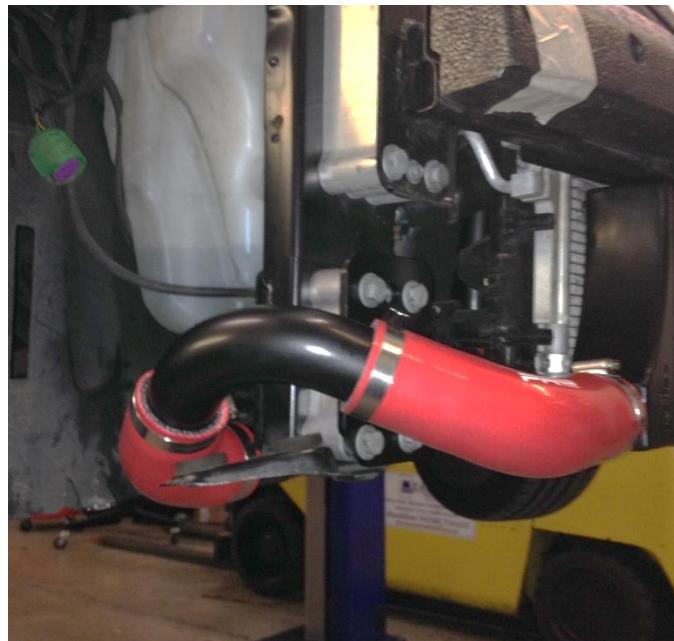
- Now loosen the horn mounting bracket on adjust the position as shown. Then install the supplied P-Clips around the lower washer pipe, as shown.



10. You can now fit the intercooler pipework supplied.

**Please note:** there are 14 connections, which means there's a lot of potential adjustment. It is best to get all connections and pipework in place on the car before any jubilee clip is fully tightened. Please study the layout below carefully.

All smaller diameter pipework is on the **left-hand side** and larger diameter on the **right-hand side**.



Left-hand side uses smaller diameter pipework



Right-hand side uses larger diameter pipework

11. Finally, once happy with the fitment, fully tighten all clips and secure brackets reusing the original bolts. The refit the bumper in reverse of removal.

**Please note:** The original under tray cannot be refitted without modification due to the much larger pipe work.

