

Fiat 500/595/695 Abarth Oil Cooler Fitting Instructions

Tools needed:

- Ratchet Set
- Torx Socket set
- Phillips screwdriver
- Adjustable Spanner
- 10mm spanner
- 5mm Allen Key
- Container to catch oil
- Safe access to the underside of the car

Kit includes:

- AIRTEC Motorsport oil sandwich plate
- 19-row oil cooler
- Oil cooler mounting bracket
- Oil cooler air guide
- 2x hose lines with fittings
- Hose line separator fitting
- Hose line support bracket
- 2x male oil fittings
- M6x20mm Hex Bolt
- M6x35mm Socket Head Bolt
- M6 Mudguard Washer
- 6x M6x16mm Hex Bolts
- 7x M6 Nyloc Nuts
- 12x M6 Pan Washers
- 2x M6x16mm Hex Bolts
- 3x M6 Mudguard Washers

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



Instructions:

1

To remove the bumper, remove the four Torx Screws along the top of the bumper and the six Torx Screws along the bottom of the bumper.



2

Remove the Phillips Screws on each side of the inner arch liner and two Torx Screws securing the bumper to the wing.



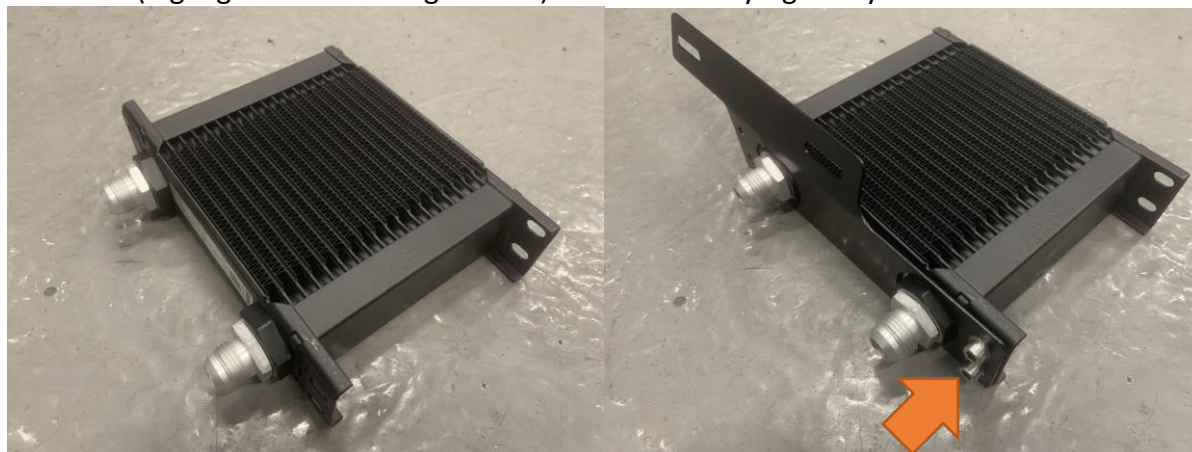
3

Un-clip each side of the bumper by pulling firmly but carefully and once free, lift the bumper forward so you can unplug the fog light wiring loom.



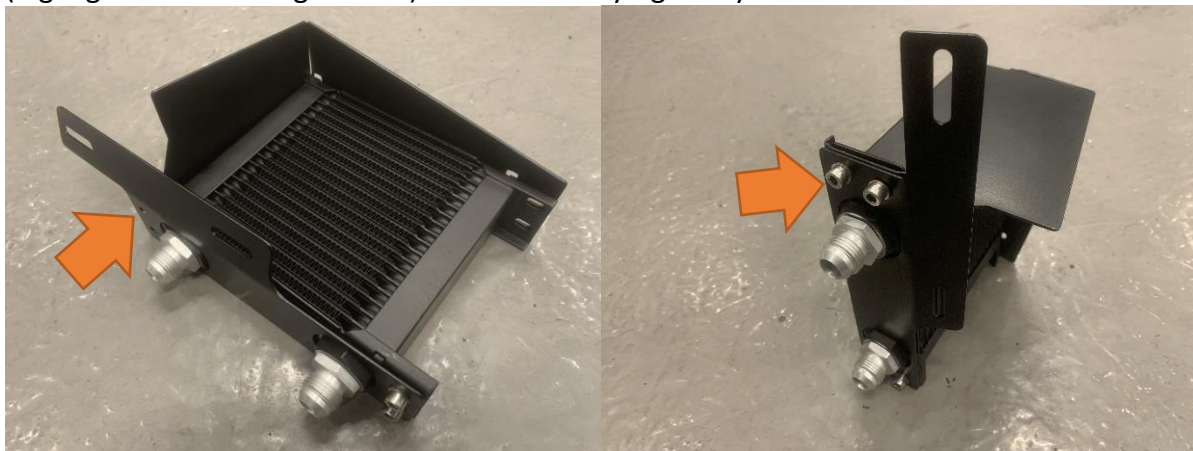
4

Fit the mounting bracket to the oil cooler – please ensure it is configured exactly as shown in the picture. Secure it with the lower two M6 Socket Head bolts, Nyloc Nuts with washers each side (highlighted with orange arrow) but do not fully tighten yet.



5

Now attach the air guide – please ensure it is configured exactly as shown in the picture. Secure it with the upper two M6 Socket Head bolts, Nyloc Nuts with washers each side (highlighted with orange arrow) but do not fully tighten yet.



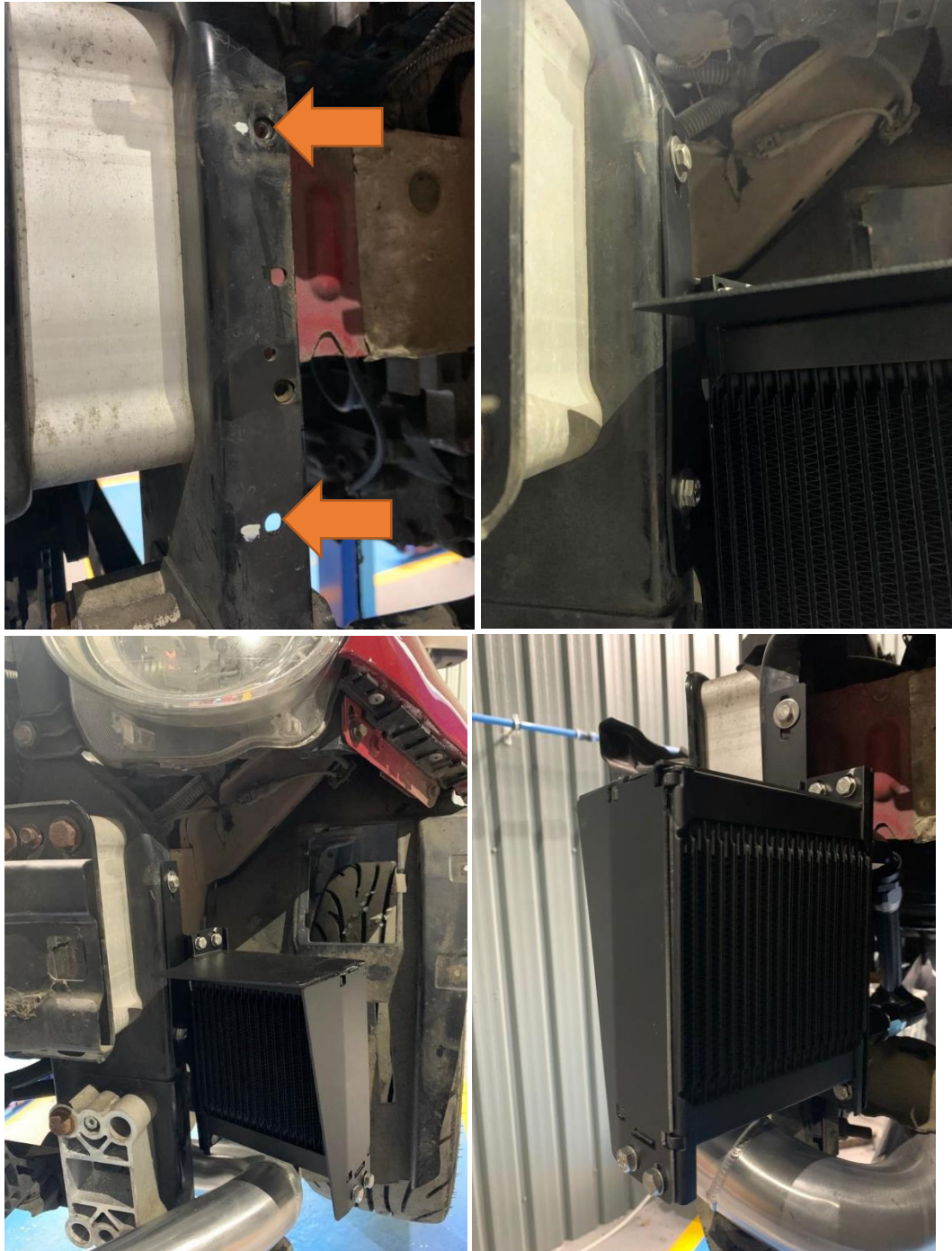
6

Now secure the guide in place with the lower two M6 Socket Head bolts, Nyloc Nuts with washers each side (highlighted with orange arrow) and once fitted all of the nuts and bolts on the bracket and guide can be fully tightened.



7

The oil cooler will mount to the nearside/passenger side (if right-hand drive) radiator support. It fits into the holes marked with orange arrows, the top one is threaded and the bottom one requires a nut and washer on the back. Secure the oil cooler in place here using the supplied M6 bolts, Nyloc Nuts and washers.



8

Once happy with the position, attach the hose lines to the oil cooler and fully tighten. The shorter hose fits the top, the longer hose fits the bottom. Begin routing them behind the radiator, along the top of the lower crossmember.



9

Attach the hose line separator to secure the hoses to the support bracket, as shown. Fit the bracket to the mounting hole in the crossmember using the supplied bolt and washer.



10

Remove the oil sandwich plate (highlighted with orange arrow) located on the front of the engine on the off-side/driver's side. It's held in place with six T30 Torx Bolts. Be sure to have something to hand to catch any spilt liquid.



11

Attach the male fittings to the AIRTEC Motorsport sandwich plate and fully tighten using an adjustable spanner. Then fit in place on the engine using the original seal and bolts. Once in place, attach the top and bottom hoses from the oil cooler and fully tighten. Check the fittings on the oil cooler and sandwich plate are all tight.



12

Refit front bumper in reverse of Steps 1 to 3 and top engine oil up until level is correct. It should require approximately 1-litre. Check all fittings are tight after engine is running.