



Please note this oil cooler kit may only be used with the Forge front mount intercooler. Other after market intercoolers including the OEM cooler may not enable you to fit this product.



Please thoroughly read through and familiarise yourself with these instructions in their entirety prior to beginning any part of the installation process of any component. Please also ensure the vehicle and engine has cooled down sufficiently to avoid risking possible skin burns or other injury. Please note Forge Motorsport would advise an oil change upon installation of this oil cooler with the Fiat recommended Abarth Selina 10w-50.

#### **TOOLS NEEDED:**

T30 Torx Bit and suitable drive

M10 Spanner or Ratchet and Drive

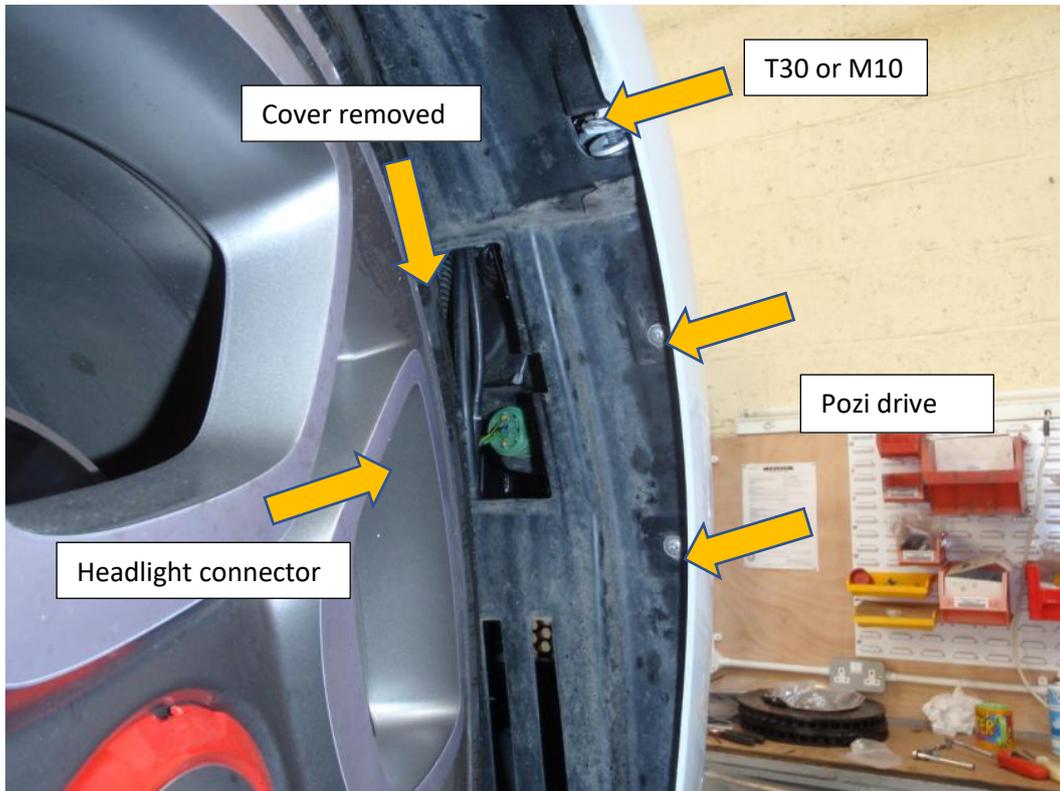
30mm spanner or a large adjustable

Approximately 0.9 l of Selina abarth 10w-50 recommended Abarth engine oil

5mm and 8mm allen keys

Phillips screw driver

1. Park the vehicle securely, then raise/jack the front of the car and support with axle stands so that the front wheels are clear of the ground. Open the bonnet/hood and start on the right-hand side. After turning the steering wheel, so the wheels are on full lock allowing access to the plastic cover (see photo below), take the cover off, you will now see the connector for the lights. To remove, push down on the small clip and pull backwards. Undo the T30/or M10 screw and the two Pozi drive/Phillips screws; repeat this operation on the left hand side.



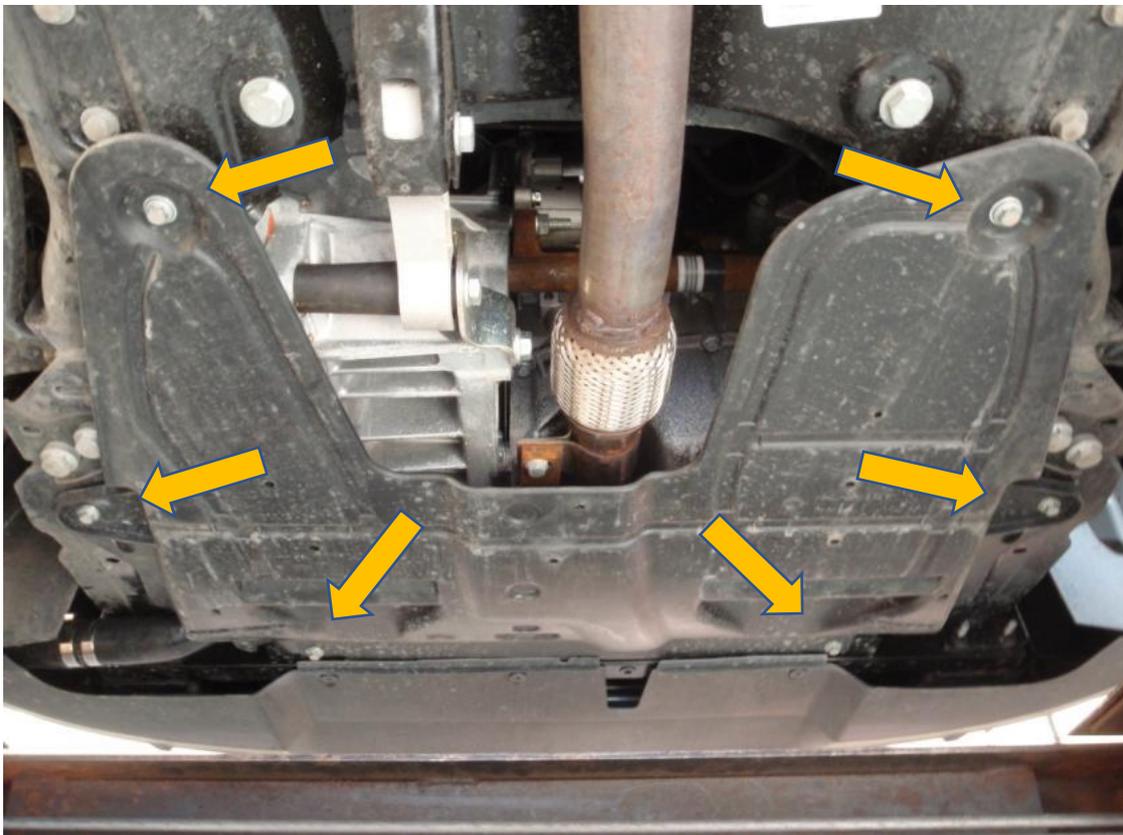
2. Additionally on the left-hand side you will need to pull back the arch liner. You should see another connector (see below). Pull the clip down and pull away to disconnect.



3. Looking under the car up at the arch liner there is a pozi drive/Phillips screw, undo this on both sides of the vehicle.



4. Undo the six bolts on the under tray using a 10mm socket and ratchet and remove.



5. Undo the three T30 screws holding the bumper to the chassis.



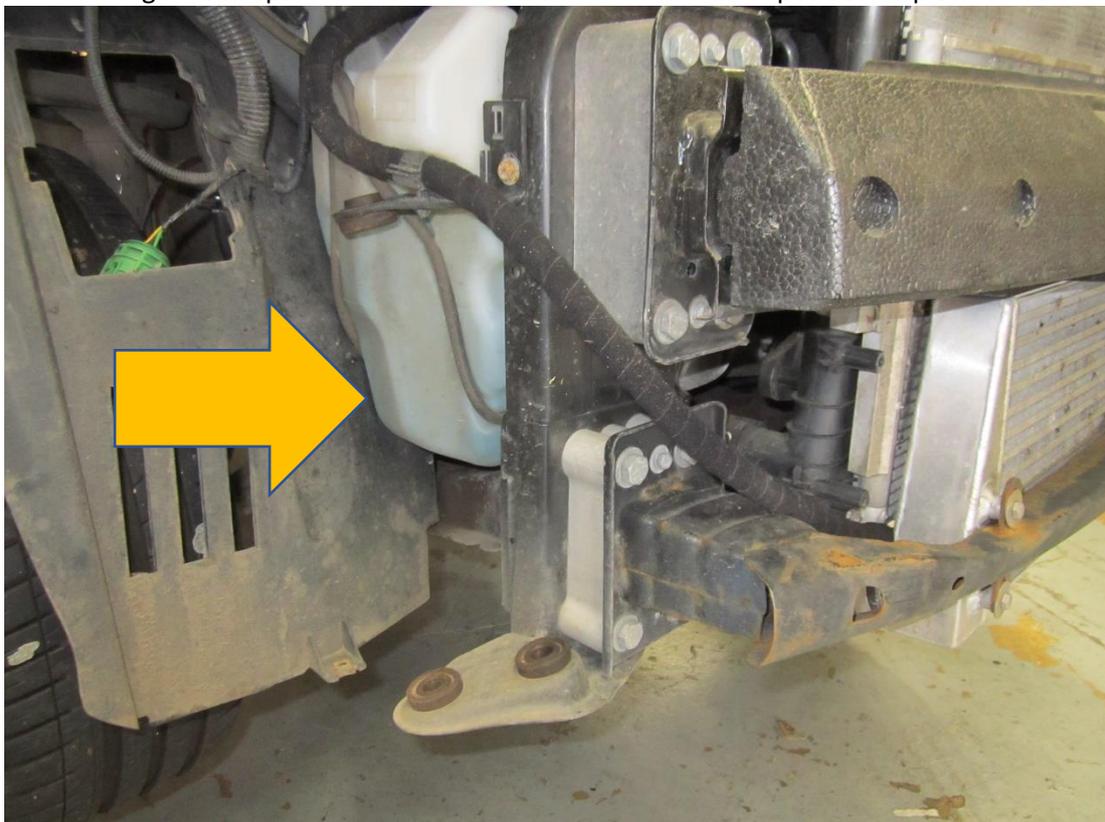
6. Pull the bumper away from the wing in the direction of the arrows with a firm but even pressure, taking care not to bend the bumper too much as this may crack the top edge.



7. Undo the last four T30 screws taking care as there will be nothing holding the bumper on, once the screws are removed, gently pull the bumper away from the car and place to one side.



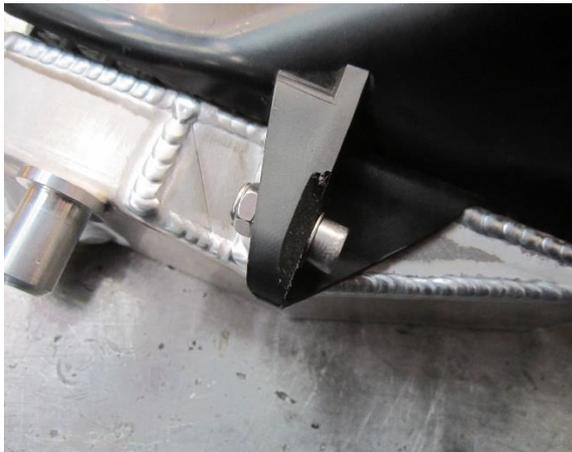
8. Your new Forge Motorsport oil cooler fits in the OEMs intercooler position as pictured below.



9. Fit the OEM intercooler duct to the oil cooler, the upper fixing tab may need a slight sand on the one side due to the fabrication process of the oil cooler.



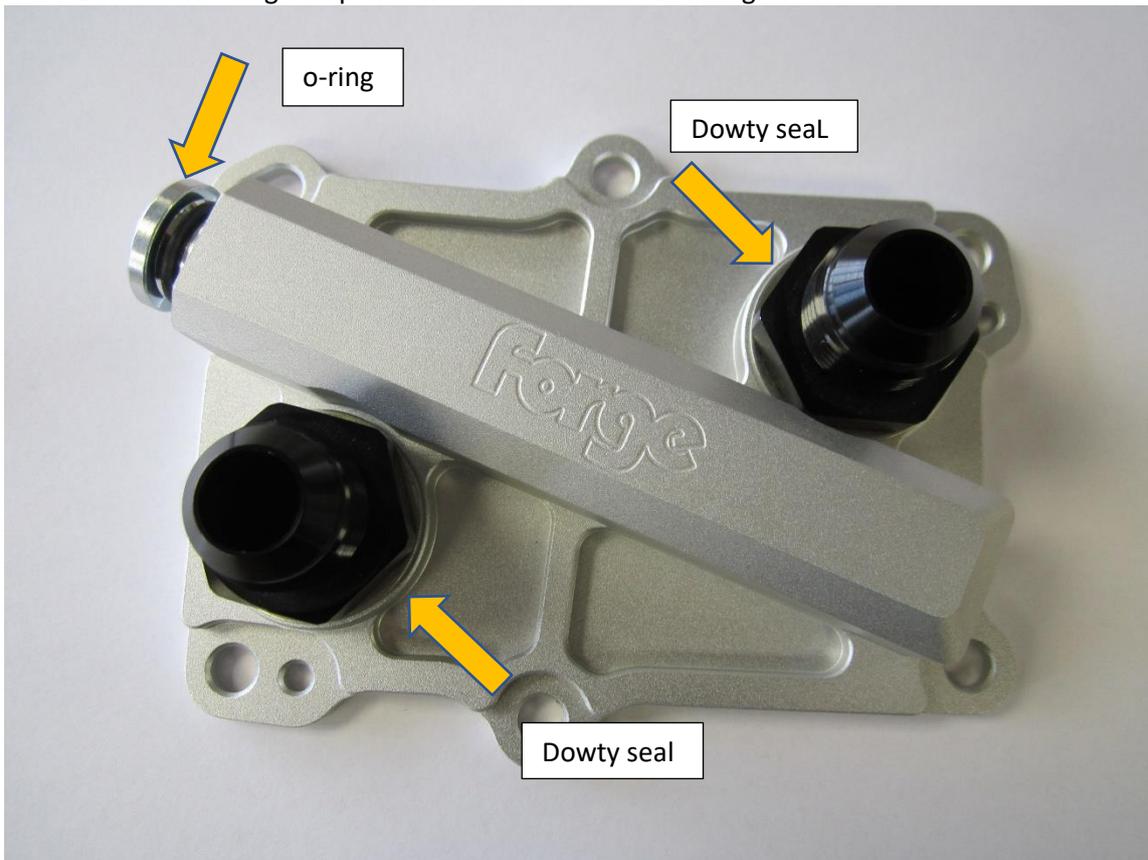
10. Using the M6x16mm, washers and nyloc provided, attach the duct to the oil cooler.



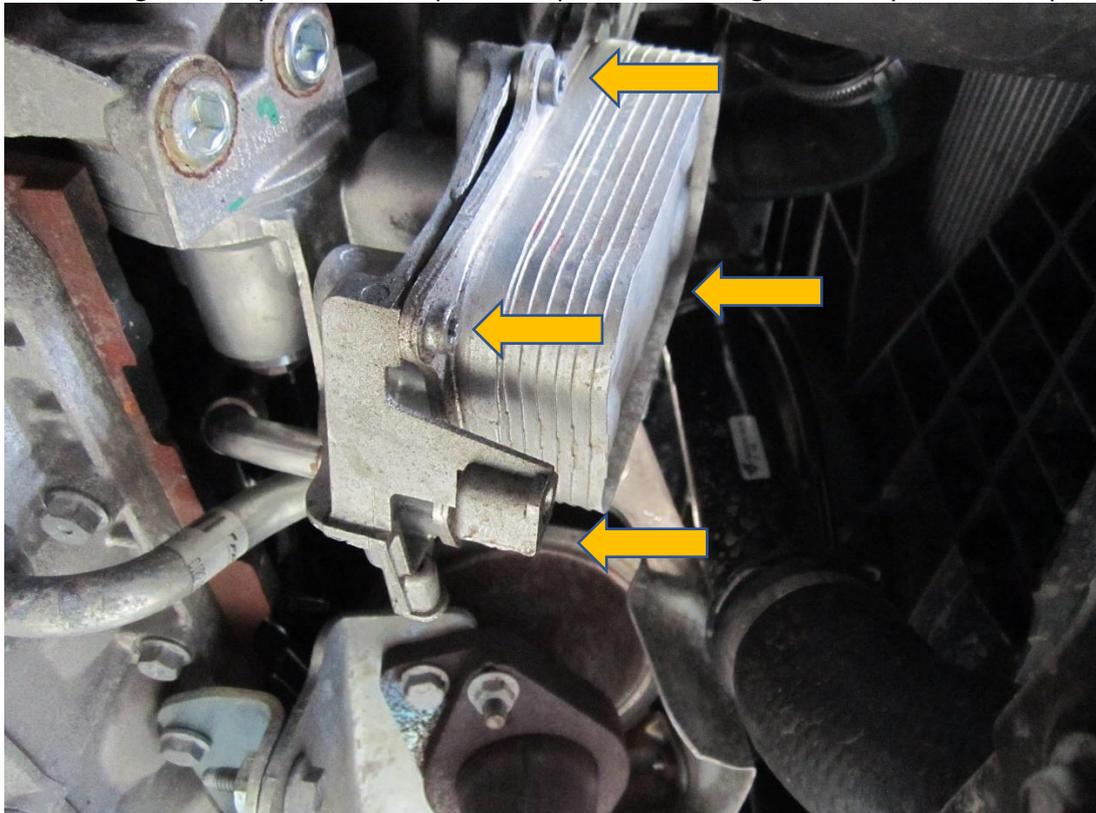
11. Using a M10 spanner or socket remove the upper bracket that held the OEM intercooler in position then fit the oil cooler into situ and refit the bracket.



12. Assemble the sandwich plate ensuring the Dowty seals are in position under the AN-10 fittings and the 14x1.5mm o-ring is in place. Then ensure all items are tight.



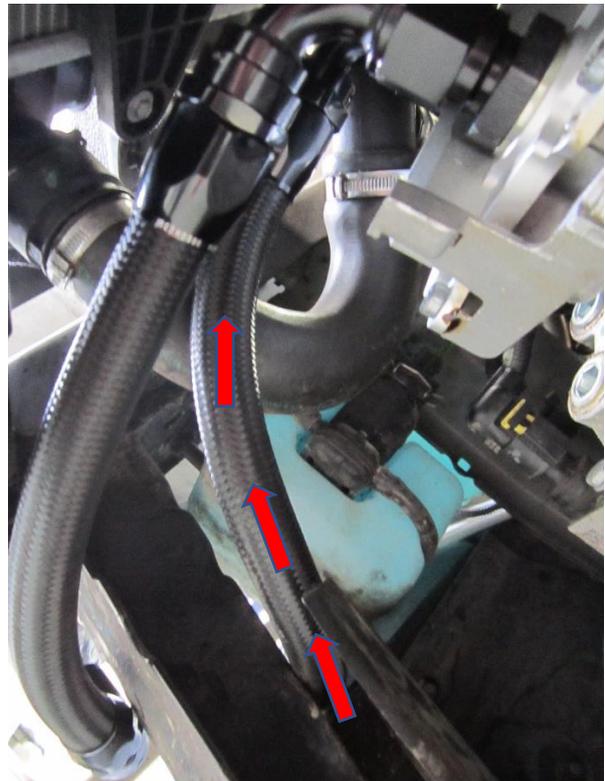
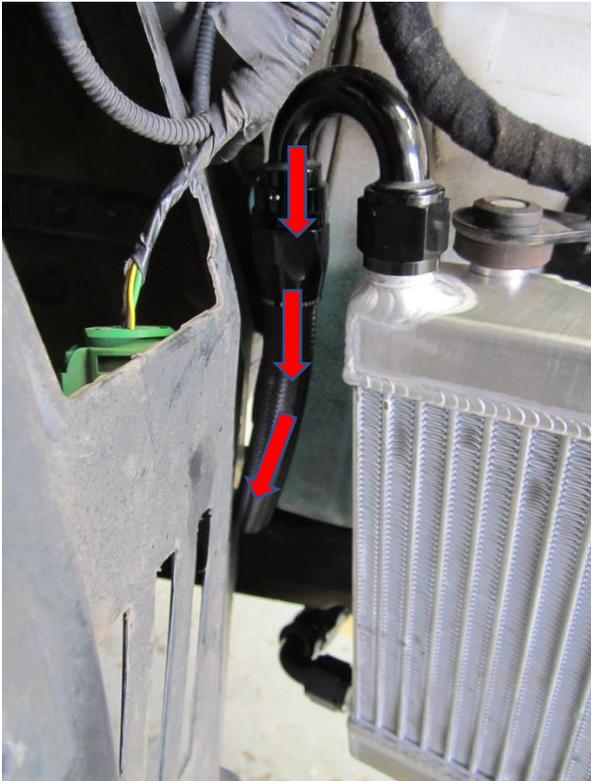
13. Remove the OEM sandwich plate from situ using a T30 Torx Drive to remove the 6 fasteners, you will need to have a suitable container to catch the oil and water once the sandwich plate is removed. Then fit the Forge Motorsport sandwich plate into position ensuring the factory seals are in place.



14. Now the sandwich plate is installed, fit the two AN-10 lines - the shorter line goes from the lower AN fitting on the oil cooler to the lower AN fitting on the sandwich plate as pictured below.



15. The longer AN-10 line is fitted from the top of the cooler to the top of the sandwich plate. Feed the AN line between the chassis leg and washer bottle as arrowed above in red. Please also study the following pictures below for the correct oil line routing.



16. Ensure all the fittings are tight then follow steps 1-7 in reverse order to complete your installation.

17. Forge Motorsport recommend carrying out an oil change after this installation please use the recommended manufactures correct grade and amount of oil. Start your engine for approximately 30 seconds turn off your engine and top up with 0.9 litres.

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