



FIAT 500 ABARTH INDUCTION



TOOLS NEEDED

7mm hose clamp drive or 7mm socket, suitable extension and ratchet

10mm socket, suitable extension and ratchet

13mm socket, suitable extension and ratchet

Pozidriv/Phillips screwdriver

Flat bladed screwdriver

74mm hole saw or jig saw



7mm drill bit and drill

Kit list

1 x filter

3 x aluminum pipes as shown

2 x 70mm-76mm silicon hose

1 x 25mm silicon hose

1 x 30 diameter jubilee clip

2 x 35 diameter jubilee clip

2 x 80 diameter jubilee clip

3 x 90 diameter jubilee clip

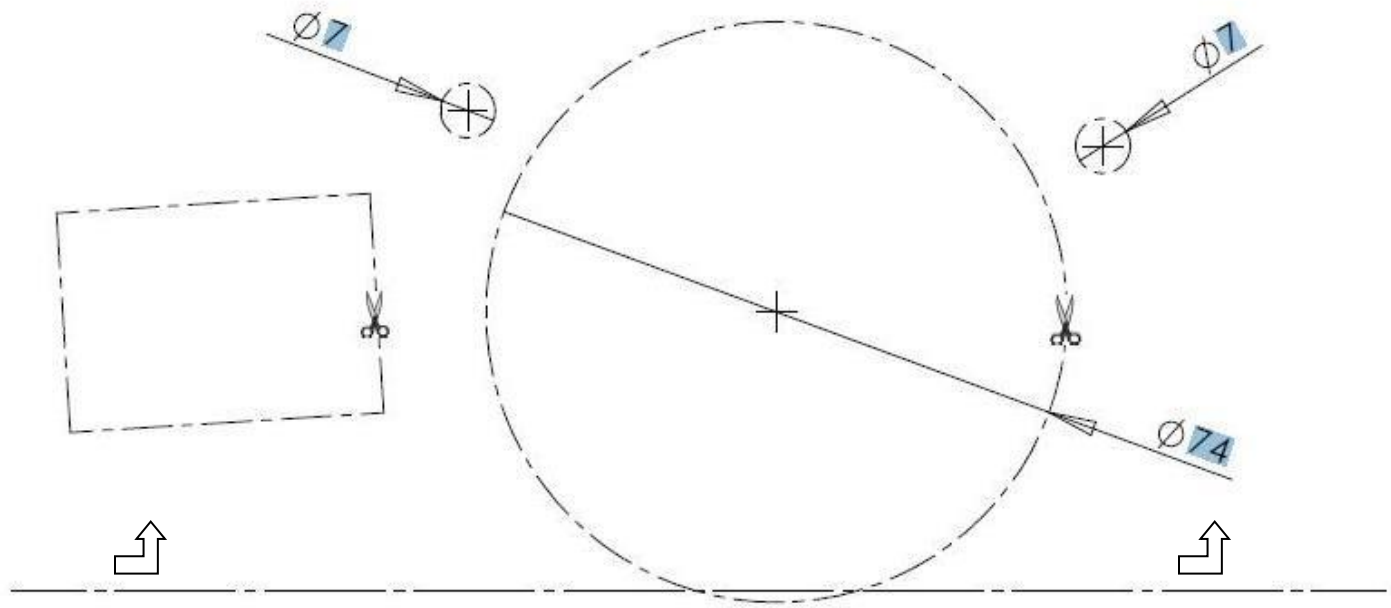
2 x cotton reel rubber mountings

2 x M6 x 12mm long bolts

4 x washers

2 x M6 nylock nuts

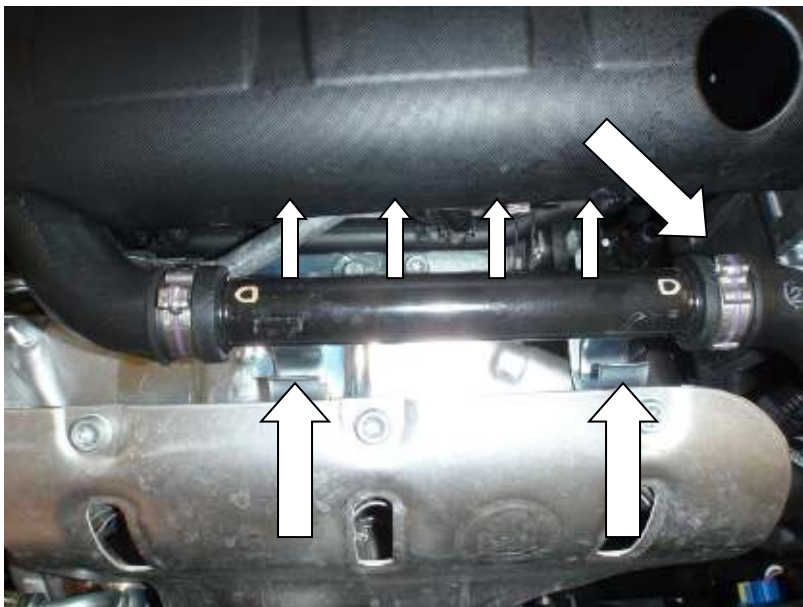
1 x sticker



Above is the template for cutting the hole in the scuttle panel. Cut out the square and fold up the bottom line. If you are using a hole saw, mark through the center of the 74 diameter hole if you are using a jig saw, cut out this hole for positioning. Please see step 12.



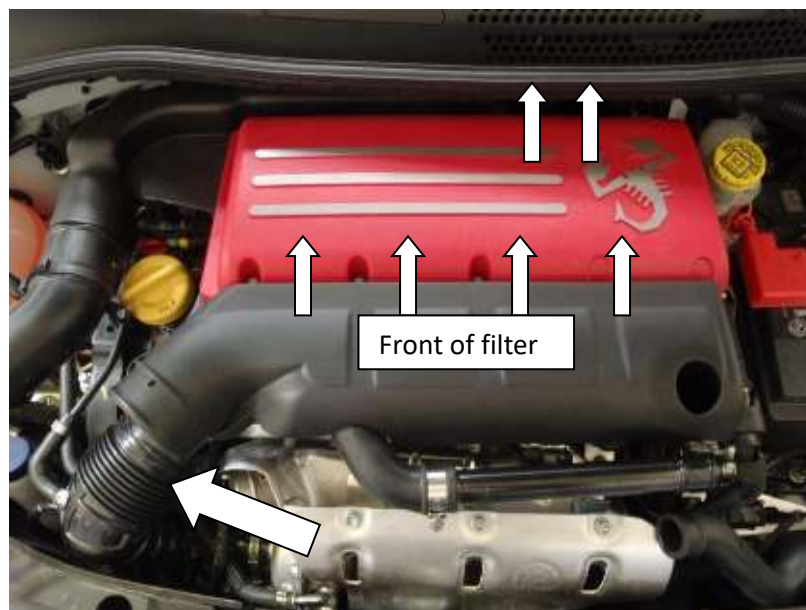
1. Park the vehicle securely, Open bonnet and start with removal of original filter. You will need to break off the 'use once' only clips by placing screwdriver between the raised section of clip and twisting the screwdriver around.



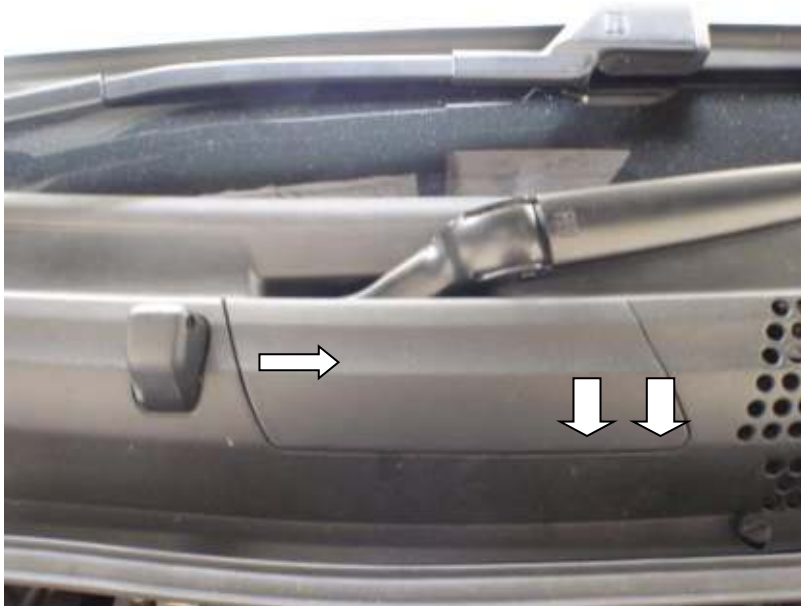
2. Repeat to break the use 'once clip' on the right of the photo and pull the metal pipe up out of the clips.



3. Remove a small clip under the intake and undo the 10mm bolt holding the filter.



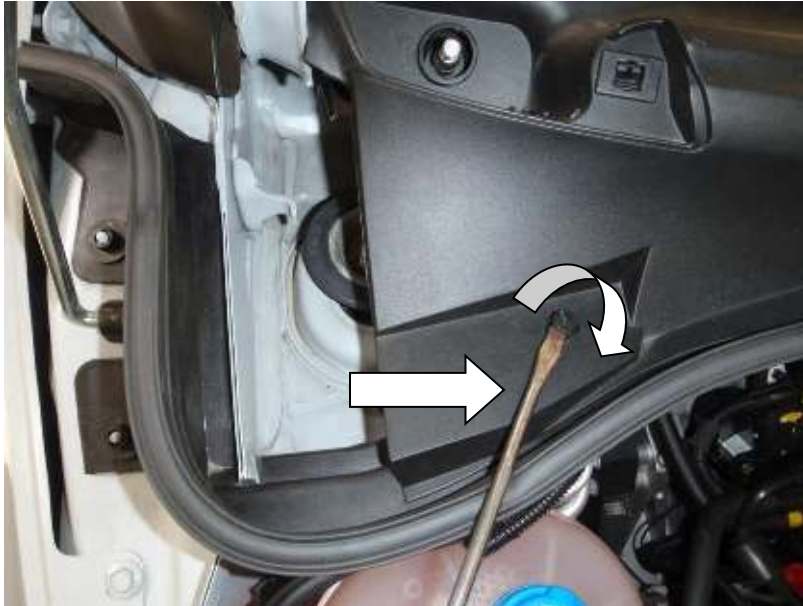
4. Pull the plastic pipe off and pull the filter box upwards with an even pressure at the front until it has come away from its rubber mounts. Then pull upwards with an even pressure the back of the filter where indicated to release from the rubber mount at the back.



5. Remove the scuttle panel, by first removing the wiper blade covers by holding the right side and pulling towards the front of the car. Then pull from the left to the right to completely remove.



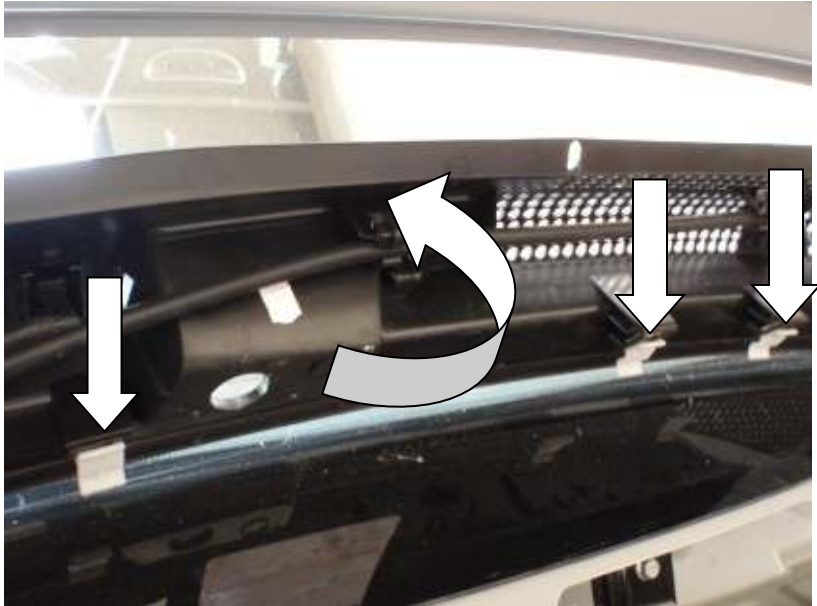
6. Using a screw driver, carefully pry off the small covers hiding the nuts that hold the wipers on. Avoiding marking the paint. Undo the 13mm nuts and pull off the wipers keeping a note of their position.



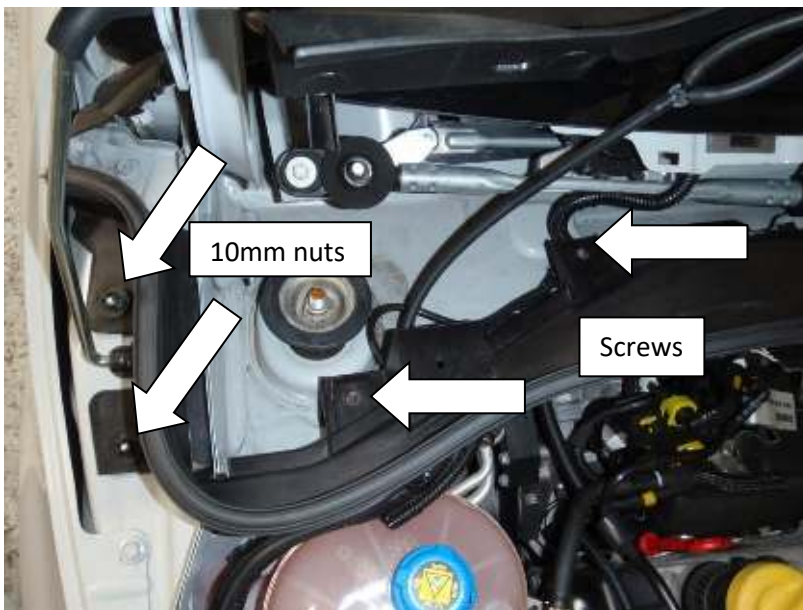
7. There are three small plastic clips holding the front of the cowl. Rotated by 45 degrees they will lift up slightly. Place the screw driver in the gap and pull up the rest of the way to pull the clips out.



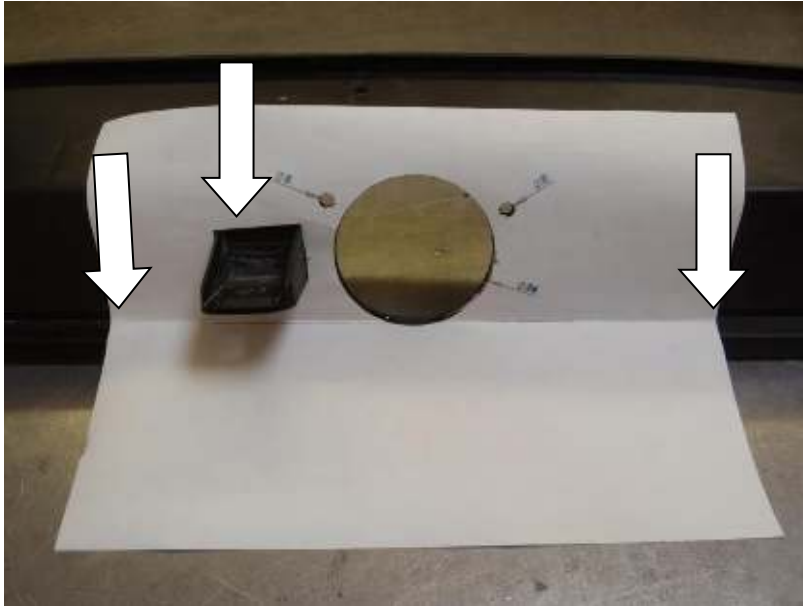
8. Now lift the panel upwards and in the far corners you will see a white clip. Pull upwards to remove.



9. Gently rotate the panel upwards releasing the 6 white clips from under the windscreen.



10. Undo the five pozidriv / Phillips screws and undo the four plastic 10mm, nuts and remove the plastic scuttle panel.



11. Place the scuttle panel on a table with the rear facing towards you. You will see a bracket just off the center line of the panel. Cut out the paper template according to which tools you have and fold on dotted line. Match up the folded line with inside edge, and place over the bracket mark the holes through the template then drill and cut the holes out.



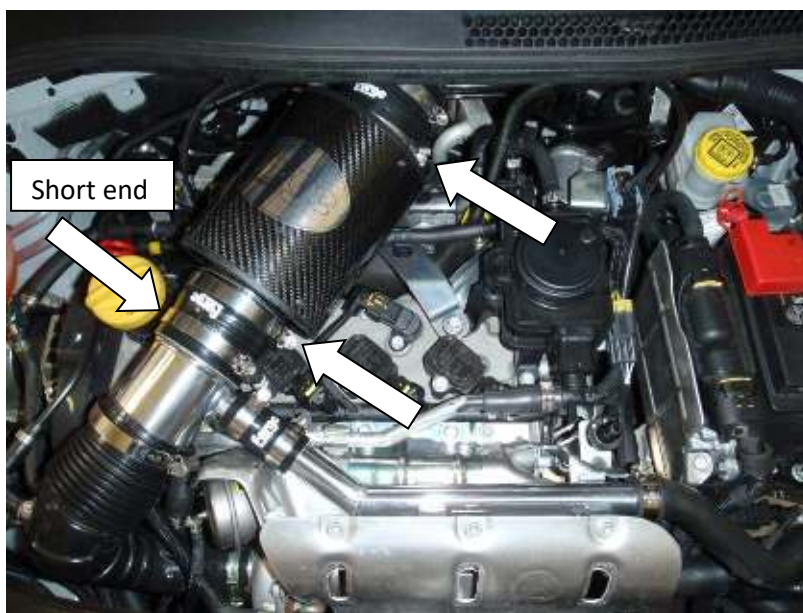
12. Bolt on cotton reel rubber mounts with two M6 nuts and washers to inlet pipe.



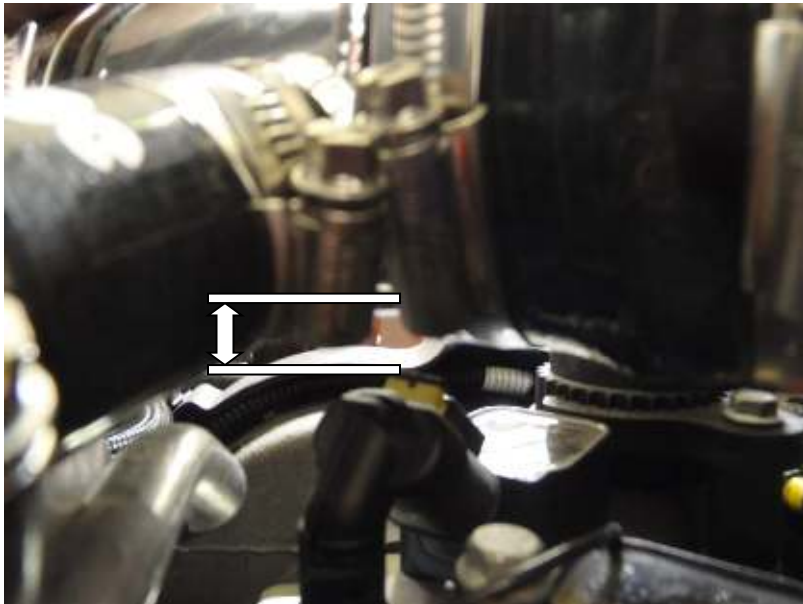
13. Bolt the inlet pipe to the scuttle panel with two M6 bolts and washers.



14. Screw and bolt the scuttle panel back on the car then reattach the rest of the parts in reverse order, steps 5 to 11.



15. Put the silicon hoses on the filter with the 90 diameter hose clamps(The recommended torque setting is between 2 and 2.4NM please do NOT exceed this or the alloy spinning on the filter will deform) , and tighten. Place all the parts of the induction kit loosely in position make sure the aluminum pipe indicated above has the short end facing towards the back of the engine.



16. Tighten all the jubilee clips in such a way that there is a gap of at least 5mm between the coil pack and the bottom of the pipe. The installation of your induction kit is now complete!