

Peugeot 308 GTi Big Boost Pipe Kit Fitting Instructions

Tools Required:

- Ratchet and Socket Set
- 4mm and 5mm Allen Keys
- Jubilee Flexi-driver or Flat-Bladed Screwdriver
- Small Flat-Bladed Screwdriver
- Cross Head Screwdriver
- Spray Lubricant

Kit Contents:

- AIRTEC Motorsport Alloy Boost Pipe
- AIRTEC Motorsport Dump Valve Alloy Pipe
- Pro Hoses Silicone Hose Kit (4 hoses)
- 2x AIRTEC Motorsport Mounting Brackets
- **Fitting Kit:**
 - 4x M6x16mm Hex Head Bolts
 - 4x M6 Pan Washers
 - 1x M5x12mm Socket Head bolt
 - 1x M5 Pan Washers
 - 7x 80mm Jubilee Clips
 - 1x 70mm Jubilee Clip



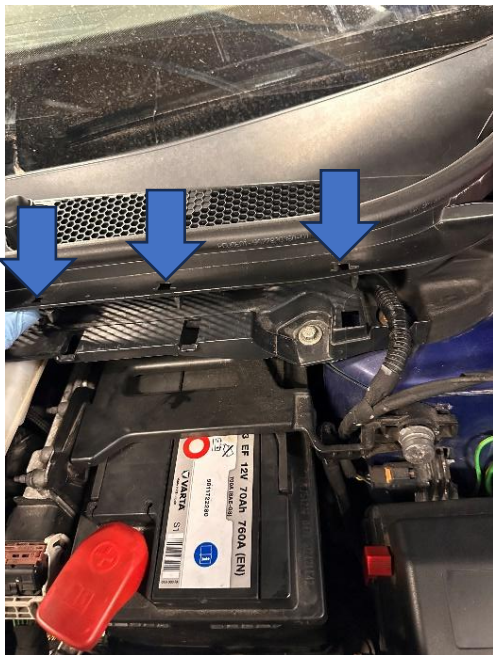
PLEASE THOROUGHLY READ THESE INSTRUCTIONS AND MAKE SURE YOU ARE FAMILIAR WITH THE STEPS BEFORE CARRYING THEM OUT

Instructions

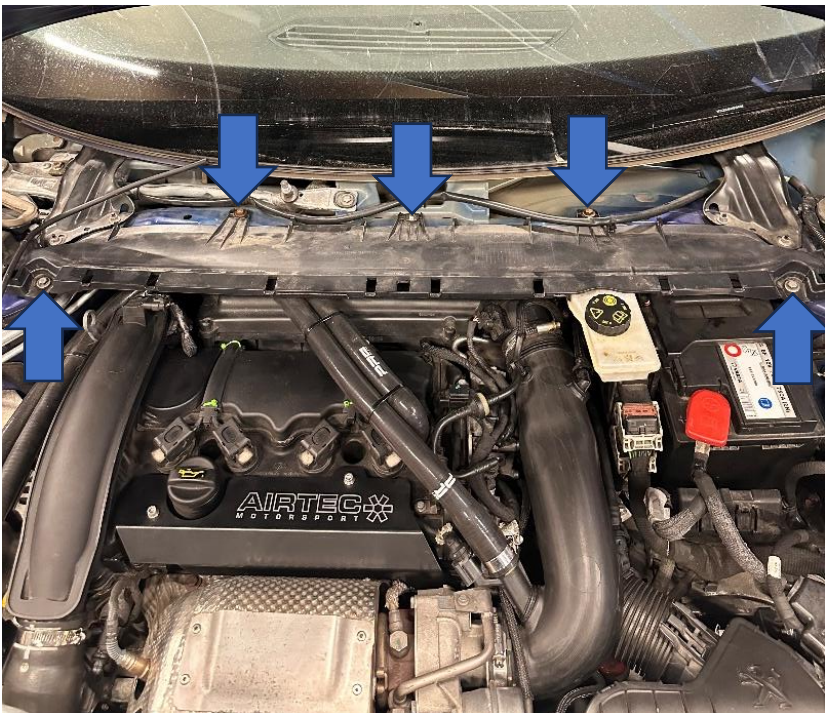
1. Start by removing the wiper blades using a small flat-bladed screwdriver to lever them off where this is a cut out. Then use a 16mm socket to undo the nut and pull the wipers up from the splines to remove them.



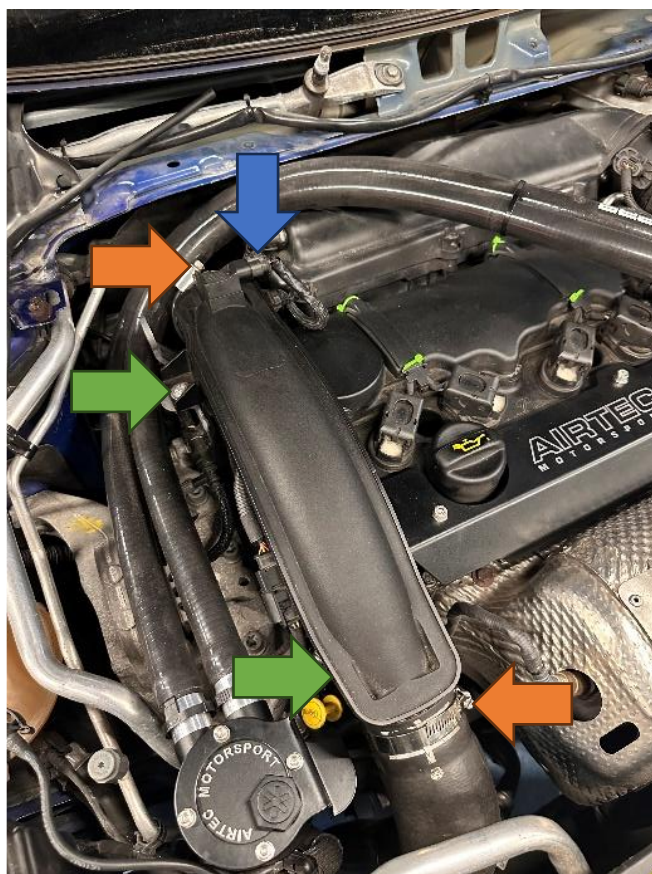
2. Remove the upper scuttle panel by lifting it from the front edge first to release the clips and then pull the panel down and away from the windscreen. Start at one end and work your way across to release the trim. Before the panel can be fully removed, you will need to disconnect the washer jet connection.



3. Now detach the brake fluid reservoir by undoing the two crosshead screws and then pulling it away. It will only move a very small amount but ensure to keep it upright to spill any fluid. The five 10mm bolts can then be removed from the bottom scuttle panel and the wiring harness clips released before the panel can be removed from the vehicle.



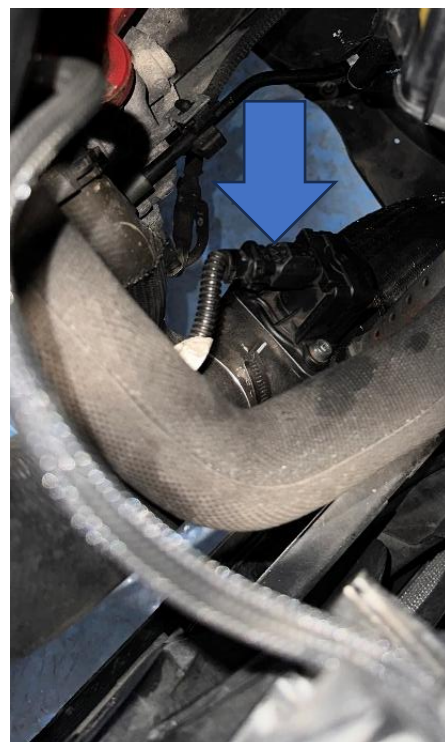
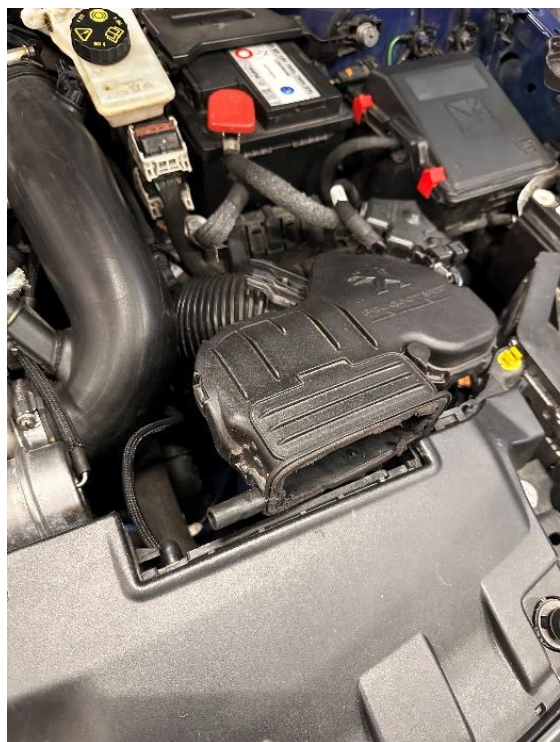
4. Now locate the MAP sensor (blue arrow) on the left-hand side boost pipe and unclip the wiring. Then loosen both jubilee clips (orange arrows) attached to the pipe and remove the two 10mm bolts (green arrows) holding the pipe in place. The pipe can then be removed from the car.



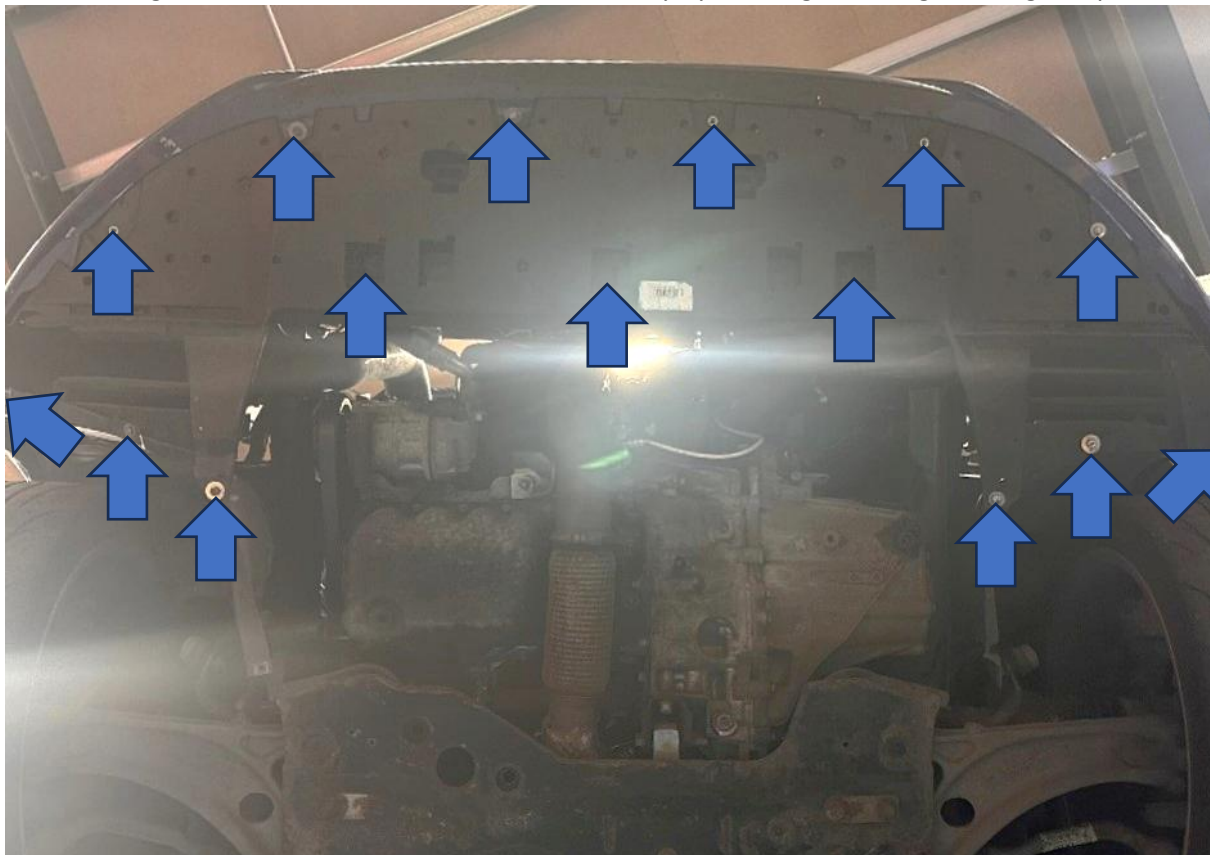
5. Undo the jubilee clip that attaches the rear hose to the throttle body at the back of the engine and then remove the pipe from the car. Fit the supplied Pro Hoses silicone hose in its place with a jubilee clip, but do not fully tighten to allow adjustment later. **Please note:** This car was fitted with an AIRTEC Motorsport catch can kit and to make access easier the breather hoses have been removed during installation.



6. Working on the other side of the engine bay, move the air feed by lifting it up and over so you can gain access to loosen the jubilee clip underneath for the boost hose from the bottom of the turbo. Then follow the hose down and disconnect the plug clipped to the dump valve.



7. Now working under the car, remove the front undertray by undoing the fixings holding it in place.



8. Loosen the jubilee clips holding the boost hoses to either side of the intercooler and remove them from the car. One side will have a plastic pipe housing the dump valve attached, so take care when removing this from under the car that it does not get caught on any wiring.



9. Remove the dump valve from the original housing using a 5mm Allen Key and transfer it onto the supplied alloy joiner, as shown.



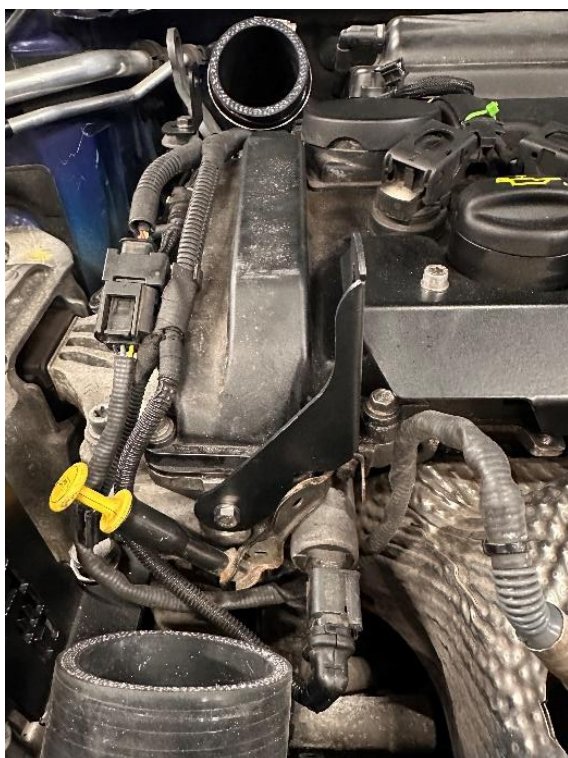
10. Install the smallest silicone hose onto the turbo and tighten the jubilee clip so that it keeps it in place but it can still rotate if needed. Then install the alloy joiner with the dump valve with a jubilee clip. You can then install the next silicone hose going to the intercooler (shorter U-bend) with jubilee clips and once happy with the fitment, fully tighten all clips and reconnect the dump valve plug, as shown.



11. Now install the longest silicone hose in place on the other side of the intercooler using a jubilee clip to secure, but do not fully tighten yet to allow adjustment later.



12. Install the front and rear mounting brackets using the supplied M6x16mm Hex Head bolts with washers as shown, but do not fully tighten the rear bracket yet to allow adjustment later.



13. Install the new alloy top pipe with jubilee clips into the front and rear silicone connectors. We recommend using a spray lubricant to help get the hose seated, as the angle makes it a tight fit. Once in place, use the remaining M6x16mm bolts and washers to attach the pipe to the brackets fitted in Step 12 and when happy with the fitment, fully tighten all bolts and jubilee clips, including those at the throttle body and intercooler.



14. Remove the MAP sensor from the original pipe using an 8mm socket and then install it into your new AIRTEC Motorsport pipe using the supplied M5x12mm Socket Head bolt.



15. Finally, once happy with the fitment proceed to ensure all jubilee clips are tight and then reinstall the front undertray, scuttle panels and wipers in reverse of removal.



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