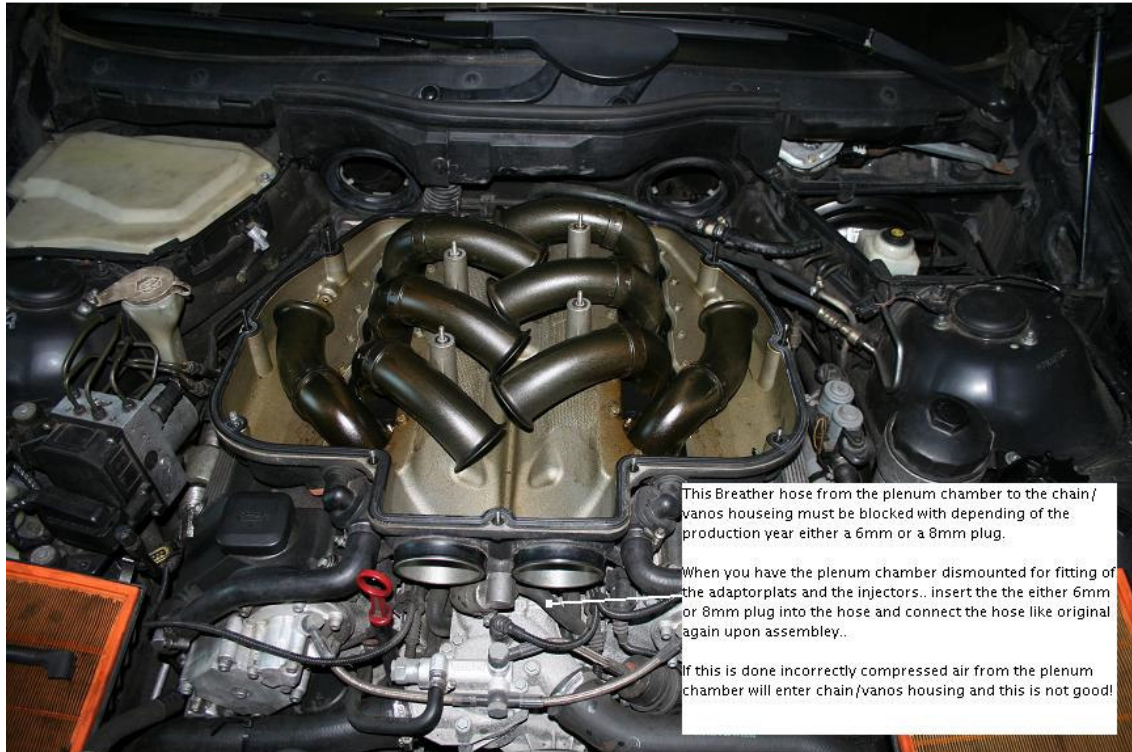


Installing M5 Supercharger Kit

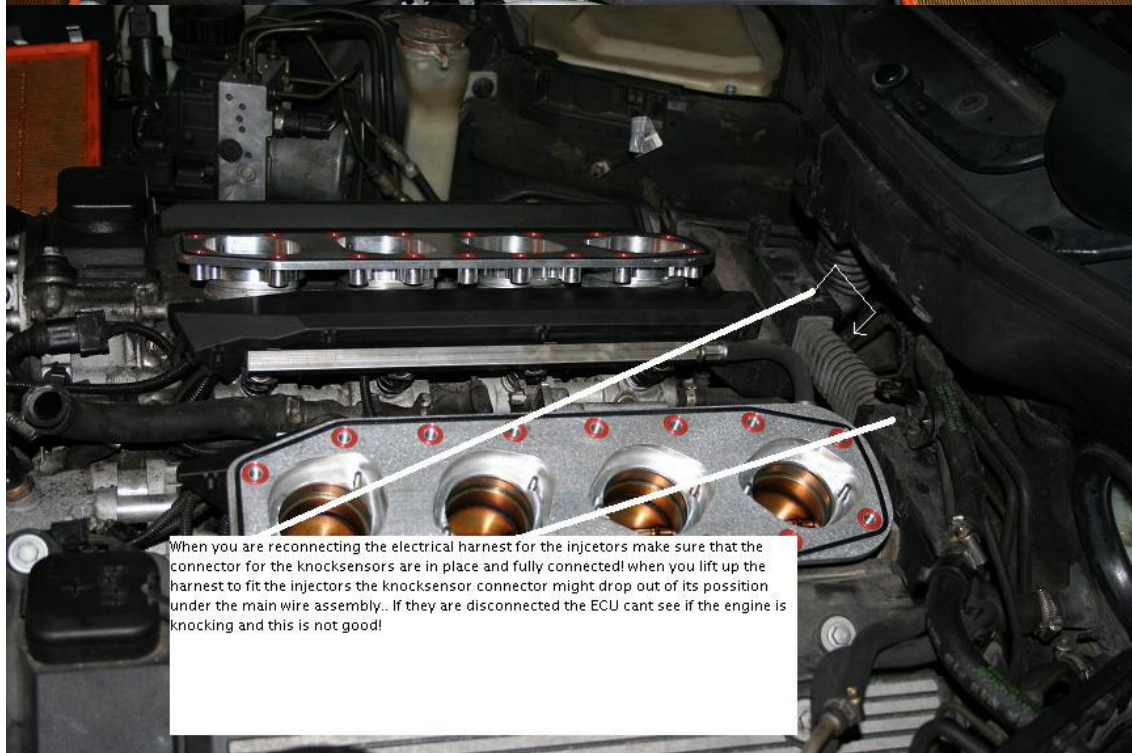
Before you start we recommend that you go through this instruction and look at the parts delivered and if you have any questions please contact your dealer.



This Breather hose from the plenum chamber to the chain/ vanos housing must be blocked with depending of the production year either a 6mm or a 8mm plug.

When you have the plenum chamber dismantled for fitting of the adaptorplats and the injectors.. insert the the either 6mm or 8mm plug into the hose and connect the hose like original again upon assembly..

If this is done incorrectly compressed air from the plenum chamber will enter chain/vanos housing and this is not good!



When you are reconnecting the electrical harness for the injectors make sure that the connector for the knockensors are in place and fully connected! when you lift up the harness to fit the injectors the knocksensor connector might drop out of its position under the main wire assembly.. If they are disconnected the ECU cant see if the engine is knocking and this is not good!



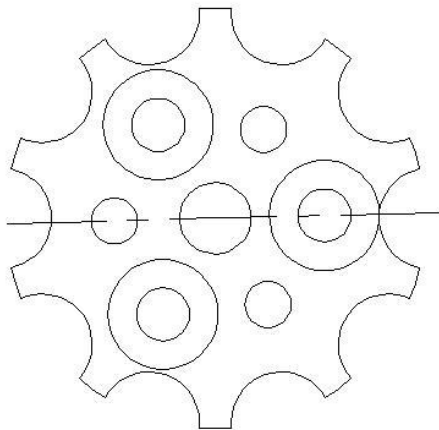
When remounting the lower part of the plenum to the adaptor plates make sure that all the nuts goes in loose with the fingers first before tightening them to prevent stress on the plenum chamber.



Cut open the olie separator following the line created when the two parts were plastic welded together.. make sure that you make the cut as smoothe as possible to make optimal fit with the new hose connection delivered with the kit. Use a bit of plastic glue on the surfaces when fitting the new hose connection.



Make sure that surfaces are clean when fitting the CCR plenum breather plugs.. a good thing to do before fitting is to leave the plugs in the freezer for 2-3hours e.a. put them there before you start to fit the kit.. you might need a small rubber hammer and with very light force help the plugs into position..

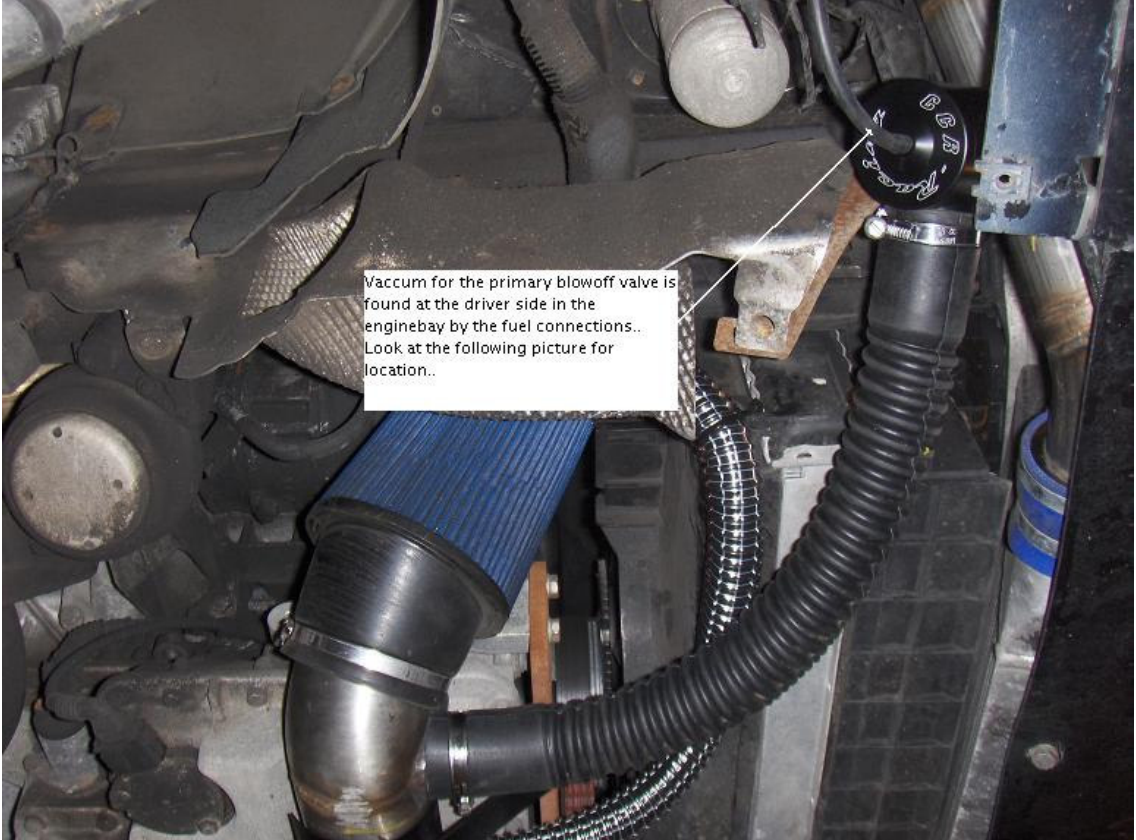
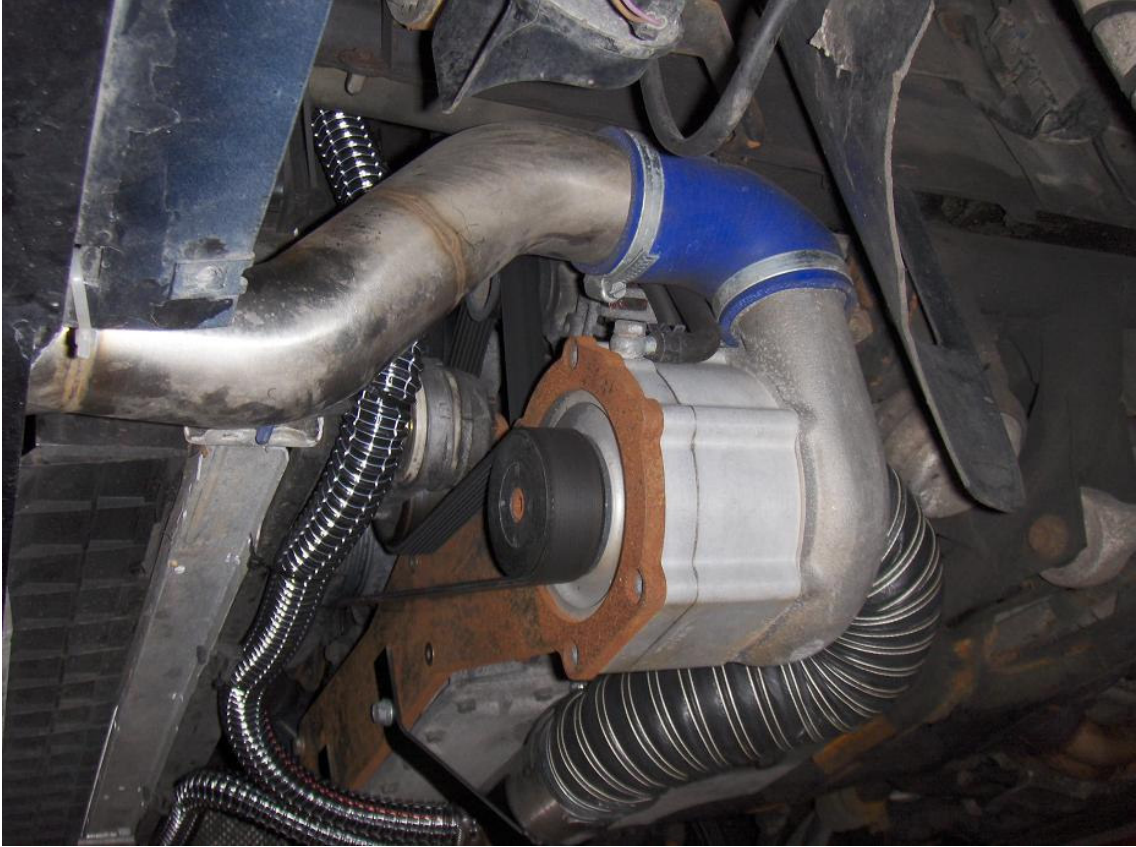


For optimal belt drive an adaptor for keeping the belt tensioner in the correct position has been supplied..

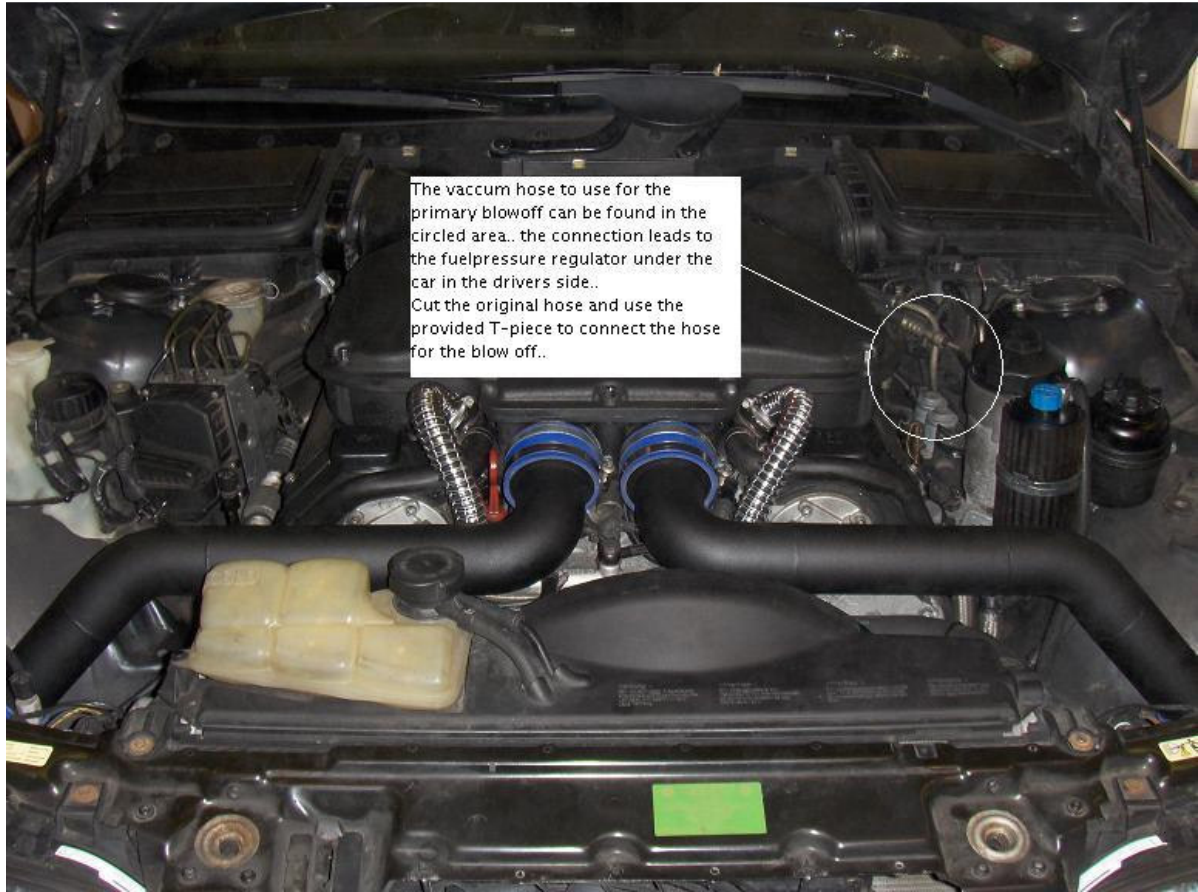
It works in a way so by turning it into different mounting points it holds the tensioner in another angle for better movement..

When fitting the belt it must be so tight that you just exactly can push it over the ribs into the correct position..

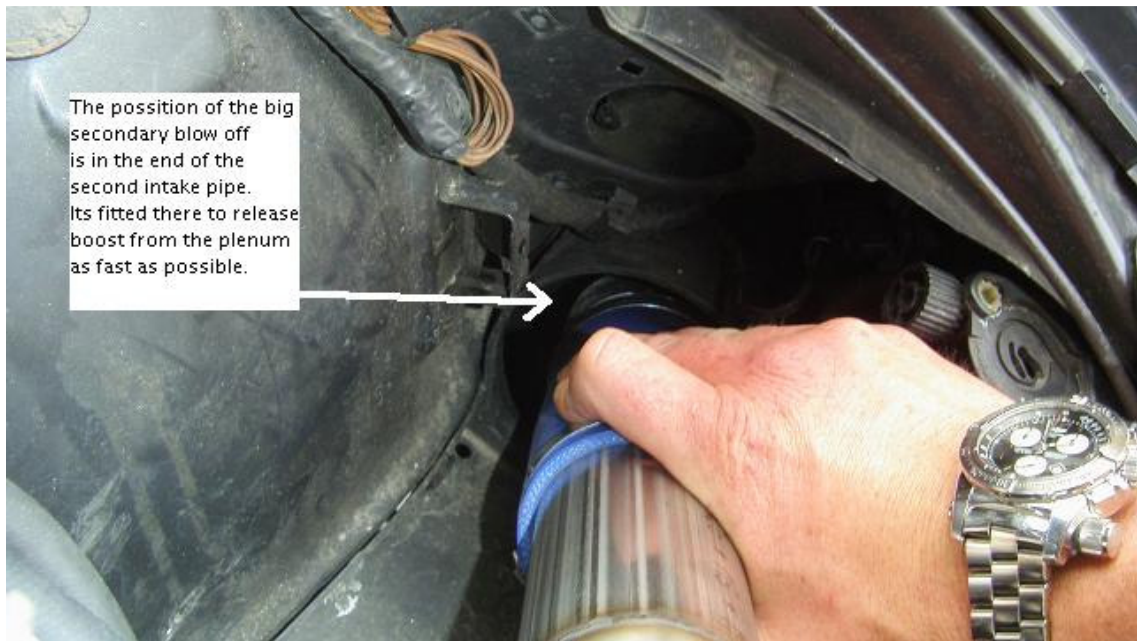
And after the first slow test drive of app. 2km check the belt tension and adjust if needed..



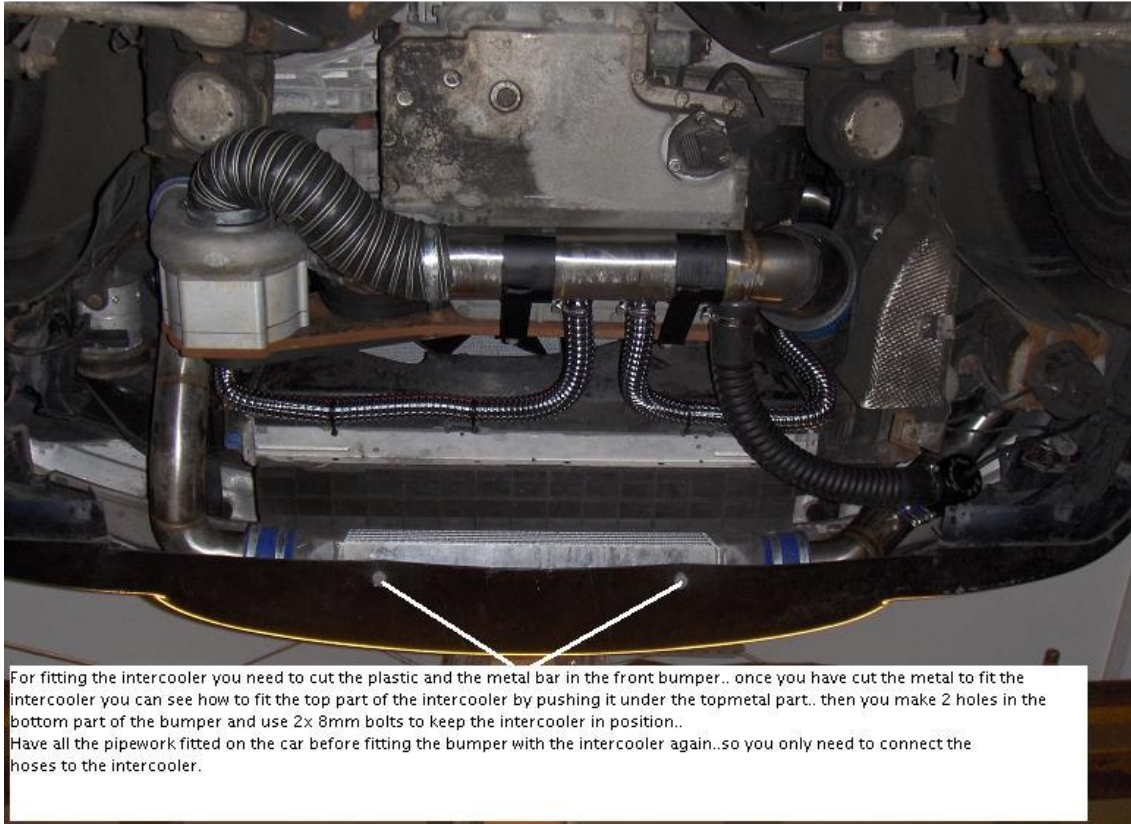
Vaccum for the primary blowoff valve is found at the driver side in the enginebay by the fuel connections.. Look at the following picture for location..



The vacuum hose to use for the primary blowoff can be found in the circled area.. the connection leads to the fuel pressure regulator under the car in the drivers side.. Cut the original hose and use the provided T-piece to connect the hose for the blow off..



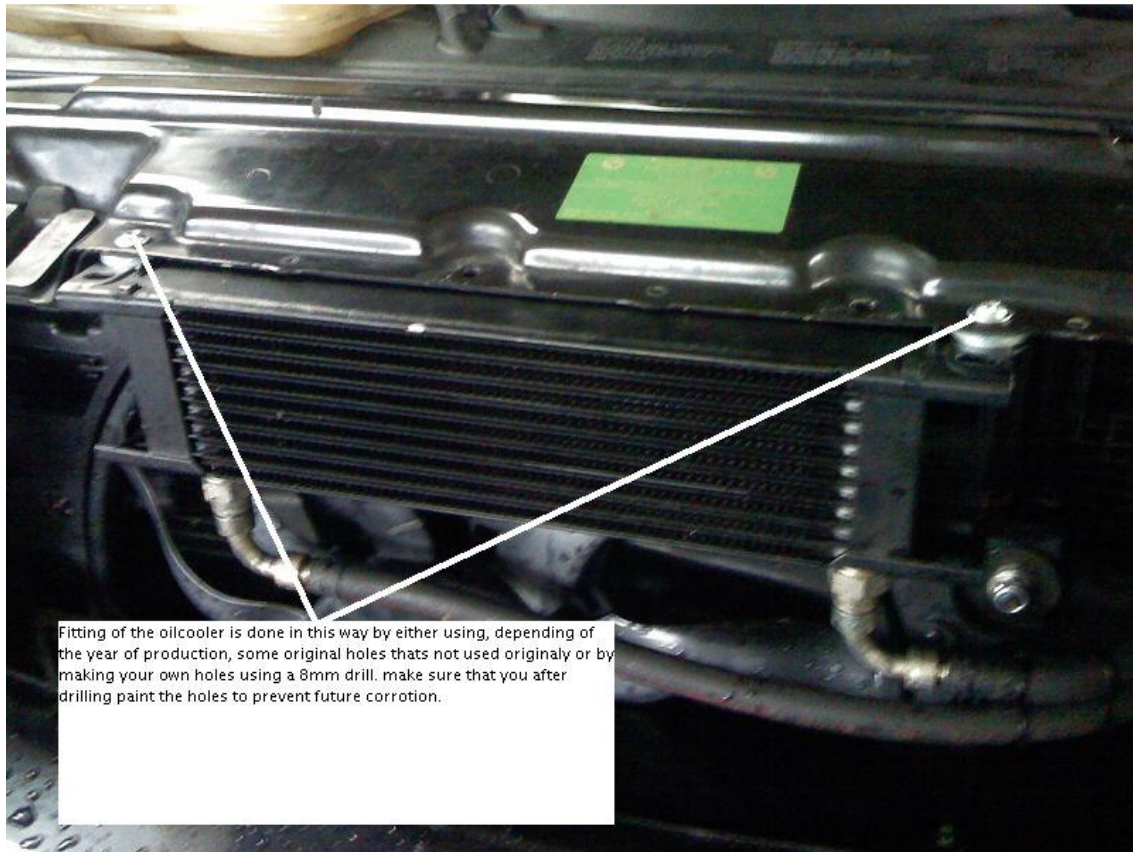
The position of the big secondary blow off is in the end of the second intake pipe. Its fitted there to release boost from the plenum as fast as possible.



For fitting the intercooler you need to cut the plastic and the metal bar in the front bumper.. once you have cut the metal to fit the intercooler you can see how to fit the top part of the intercooler by pushing it under the topmetal part.. then you make 2 holes in the bottom part of the bumper and use 2x 8mm bolts to keep the intercooler in position.. Have all the pipework fitted on the car before fitting the bumper with the intercooler again..so you only need to connect the hoses to the intercooler.



This kit is made to run without the engine fan.. this is not critical at any point since there is an electrical fan fitted from factory in conjunction with the aircon. system.. This fan will be activated if the engine coolant temp. is reading too high. How ever in hot contryes we will supply and adaptor for fitting the original fan..



Fitting of the oil cooler is done in this way by either using, depending of the year of production, some original holes that not used originally or by making your own holes using a 8mm drill. make sure that you after drilling paint the holes to prevent future corrosion.