



## Skoda Octavia twintercooler fitting guide.



If these instructions are unclear in any way then please see <http://www.forgemotorsport.co.uk/content.asp?inc=media> and download the master copy.

### **Tools required: -**

**Vehicle ramp or jack and axle stands.**

**7mm hose clip driver, flat blade and pozzidrive screwdrivers, T25 torx driver, T30 torx driver, trim removal tool, hacksaw or small grinder/cutter, Sharp knife, 5mm Allen key, 13mm spanner.**

**Overalls, gloves, safety footwear and protective eyewear are also recommended**

**1/ Raise the vehicle and open bonnet. Pull open both headlight washer jet covers and unclip the cover panels. Remove the 3x T30 torx screws from the upper edge**

**of the front Bumper. Remove the lower outer grilles and then the 2x T25 screws that will be visible once the grilles are removed. Remove the 3x T25 screws in each front wheelarch. Remove the 6x T25 screws on the underside edge of the front bumper as well as the 3x plastic push in clips. Remove the headlights by pulling outwards the lever at the base of each light; also remove the plastic nut on the rear of each light and the electrical connection before lifting the headlights away from the vehicle. Remove the plastic push in clips that are visible now the headlights are removed. Remove the fog light electrical connections and disconnect the headlight washer pipe. Remove complete front bumper assembly.**



**2/ With a disc cutter or hacksaw remove the metal deflectors as pictured below.**

**Once the deflectors have been cut then paint the edges. Cut the small bore silicone tube in to 2 equal lengths and then cut a slit lengthways along the hose, fit this over the sharp edges left after cutting. Discard the cut away pieces as they will not be refitted.**



**3/ Remove the complete engine under tray. This has 8x T25, 1x T30 and 2x 5mm Allen bolts securing it to the underside of the car.**

**4/ Remove the 2 horns and brackets; remove the existing brackets from the horns. Refit the horns to the car with the new flat brackets supplied as shown in the pictures below. These may require more adjustment when the hoses are fitted later.**



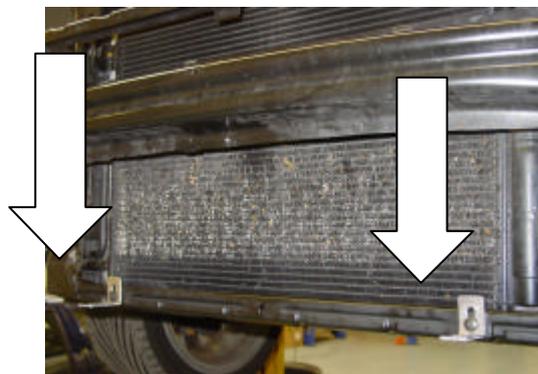
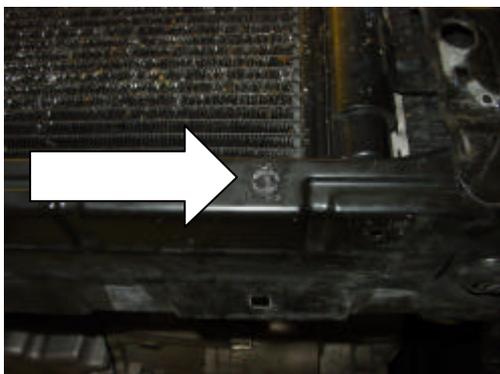
**5/ Remove both lower standard intercooler hoses; these are just clipped in via a spring clip. Prize this away with a flat end screwdriver to aid removal of the hose end fitting. Remove the seals from the end fitting of these hoses and fit to the corresponding new aluminium hose couplings supplied. Then fit the 3x hose couplings in to the intercooler and the boost pipe and refit the spring clips.**



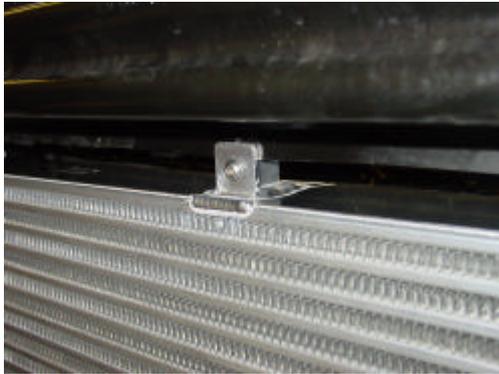
**6/ Fit the new hoses as pictured below. Use the hose clips supplied but do not tighten at this stage.**



**7/ Fit the 2x plastic expanding nuts in to the square holes in the lower radiator panel. Screw on the brackets with the new screws supplied.**



**8/ Fit the new intercooler in to place, centralise this with the front of the vehicle and secure the top clamp to the crash bar. Fit the screws supplied to lower fixings, tighten all fixings once you are happy with the positioning. Fit the other hose connections and tighten these with the hose clips supplied. Now tighten the other hose clips once the hoses are aligned correctly. Check the horn clearance on the hoses and adjust the brackets if required.**



**9/ Cut the fog light brackets as shown below, a hacksaw will be adequate for this.**



**10/ Refit the complete front bumper making sure of fog light clearance on the hoses. Remember to reconnect the fog lights and air temp sensor. Refit the engine under tray. Clear away all tools and close bonnet.**

**You are now ready to enjoy the new found performance of your vehicle.**



**Engineered for performance**