



**Forge Motorsport Skoda Fabia VRs 130pd
Front Mount Intercooler.**



Forge Motorsport recommend professional fitment of this product. We take no responsibility for any personal injury or vehicle damage during the installation or the use of this product.

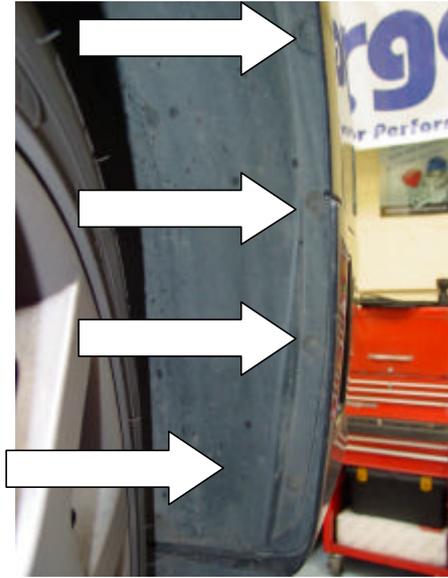
Tools required:-

T25 Torx driver, T30 Torx driver, Pozidrive screwdriver, flat blade screwdriver, 13mm and 10mm socket-extension-ratchet. A vehicle jack and axle stands.

1/. Raise the front end of the vehicle to gain access to the engine undertray. Remove all 9 of the T25 torx screws and remove complete the undertray from vehicle as shown below.



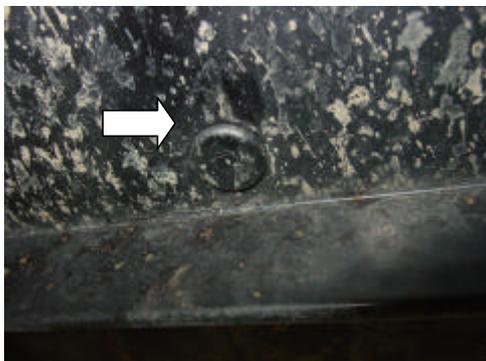
2/ Remove the T25 Torx screws from the wheelarch to front bumper fixings. 4 screws under each wheelarch.



3/ Remove the 4 x T25 screws from the underside of the bumper. 2 each side of the vehicle.



4/ Press in the centres of the 3 x plastic trim clips at the bottom front edge of the bumper. Then prize away the outer using a flat screwdriver or a trim pry tool. Retrieve the centres once the bumper has been completely removed.



5/ Open the bonnet completely and prop open. Remove the 2 x T30 Torx screws from the top of the bumper edge. (Note: - if the vehicle has headlight washers then the caps must be unclipped and the 2x T15 torx screws loosened only, the bumper cover will be removed as normal but the headlight washer jets will remain on the crash bar)



6/ Now pull outwards both side fixings of the bumper as shown.



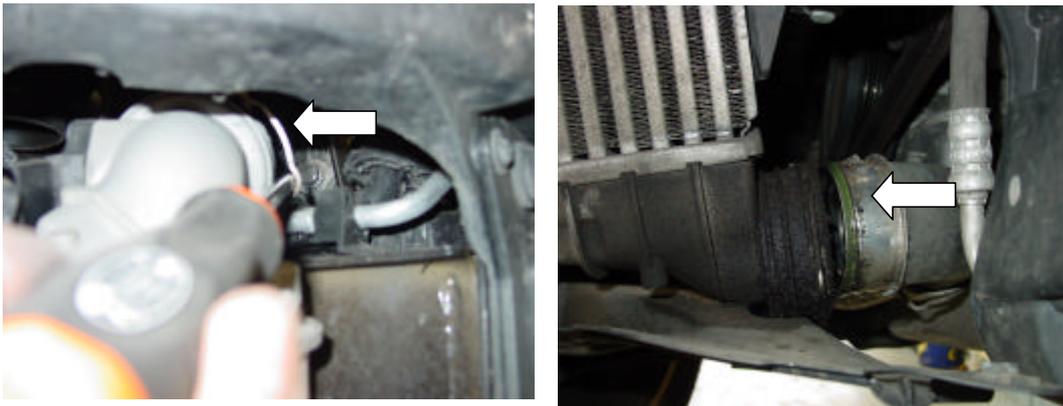
7/ The bumper cover can now be pulled forward and the fog light and ambient temp sensor plugs can be disconnected. The complete bumper can now be removed from the vehicle.



8/ Remove the air guide that is clipped to the outside of the intercooler.



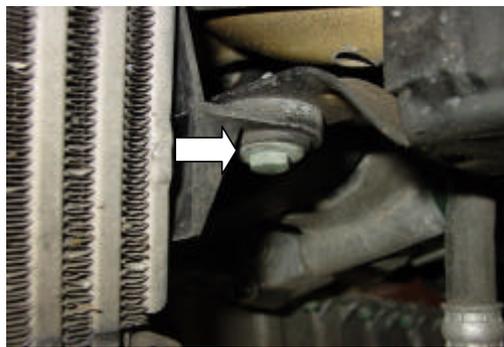
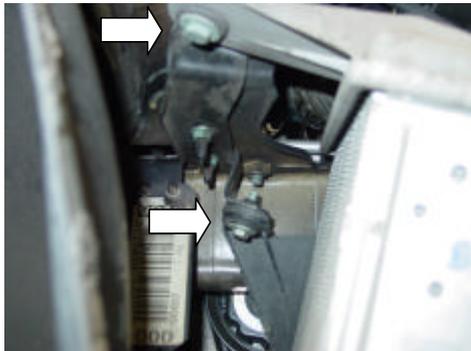
9/ Disconnect the upper and lower hose connections to the stock intercooler by using a flat blade screwdriver to dislodge the clip that locks into place on the hose coupling.



10/ Disconnect the MAP sensor plug located in the upper end tank of the intercooler.



11/ Remove the 3 x 10mm bolts that hold the intercooler in place and then completely remove the unit from the vehicle.



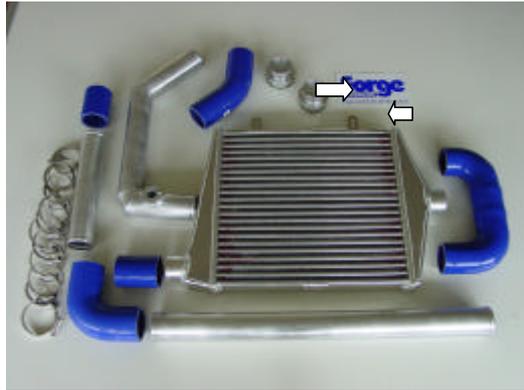
12/ Remove the upper and lower intercooler connecting hoses as per section 9 with a flat blade screwdriver. Clean around the exposed pipework on the car to allow clean seal of the new hose couplings when required.



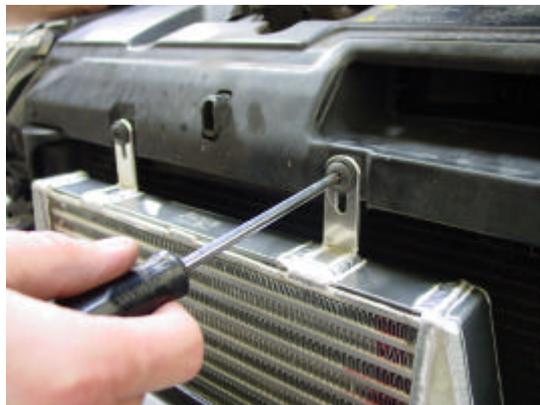
13/ Remove the 2 radiator air deflectors. There is one each side of the radiator fastened with one T25 Torx screw.



14/ Fit the 2 hoses as indicated to the intercooler and fasten the hose clips securely. Note this hose is in fact 2 pieces with a centre joiner. Be sure to fasten all hose clips at the indicated points before intercooler is fitted to vehicle. Note that the upper 90 degree bend has a shorter neck section than the other 90 degree bends included in the kit.



15/ Fit the new Intercooler in to position using the existing front panel T30 torx screws as shown in the below picture. Do not tighten the screws fully as movement will be required in order to fit the other silicone hoses. DO NOT use any chemicals on the silicone hoses to make fitment easier.



16/ Remove 2 seals from the original hoses (as removed in section 12) and fit these seals to the new aluminium hose couplings, be sure that the seals are fitted squarely and not twisted or damaged. Insert the 2 aluminium couplings as shown in to the ends of both original pipes on the vehicle. Make sure the outer clip snaps in to place to secure the coupling in to the pipe. Also check that the clip is located correctly in the outer guides as indicated by the arrow in the centre picture below.



17/ Fit the 45 degree silicone hose to the intake pipe as pictured below. Use 2 x hose clips provided but do not tighten at this stage.



18/ Remove the original Map sensor from the stock Intercooler and fit to the outlet in the new aluminium pipe (as shown in left picture below). Fit the silicone 45 degree bend to the lower Intercooler pipe (as shown in the pictures below). Use the hose clips provided but do not tighten at this point. Insert the aluminium 125mm pipe in to the 45 degree bend, then fit the 90 degree silicone elbow and join all pipes on this run with the hose clips provides, now position the hose so it does not foul on any part of the bodywork or vehicle fittings, tighten all the hose clips previously fitted along this pipe run from the Intercooler lower pipe right up to the intake hose coupling. Connect the electrical connection to the MAP sensor.



19/ Fit the longest length of aluminium tube as per the left picture below and the remaining 45 degree silicone hose to the other end pointing toward the original lower pipework.

Fit the remaining aluminium tube as per the right picture. Secure all hose clips fitted along this hose run from intercooler right up to the coupling in the pancake pipe.



20/ Before refitting the bumper cover make sure that the new lower pipes will fit inside the lower edge of the bumper fixings. Raise the intercooler in the top mounts when the lower pipework is well inside the bumper lower edge and tighten both intercooler T30 Torx top mounts. Also check that the new upper pipework does not foul the crash bar. If it does then secure using the cable ties supplied. Make sure access to the tow eye thread is not obscured by the new pipework. Cut the small plastic section from the inner right fog light/bumper housing as pictured below.



21/ Refit the bumper cover remembering to reconnect the fog light connections and also the ambient temp sensor connector. Refit all required parts in reverse order of removal. Remove all tools, axle stands and Jacks.

You are now ready to enjoy the additional performance created by this Forge Motorsport product.



Engineered for Performance.