



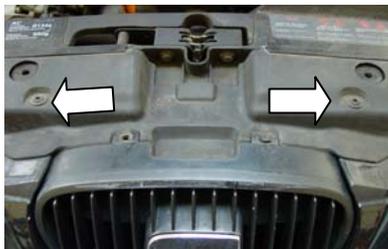
SEAT Ibiza mk4 1.8T FR Front Mounted Intercooler.



Tools required:-

Relevant protective and safety equipment. Vehicle lift or jack and axle stands. 13mm spanner, 10mm spanner, T25 Torx driver, T30 Torx driver, 4mm Allen key, 3mm Allen key, Hacksaw or trimming knife, pozzidrive screwdriver.

1/ Raise vehicle on ramp or axle stands. Firstly remove the complete front bumper cover via the following steps:- Remove the four upper edge T30 screws. Remove 5x T25 Torx screws on the inside edge of both front wheel arch liners. Remove both fog light grilles via the single screw in each. Then remove the T30 Torx screws from behind each grille. Remove the 8x T25 screws from the underside of the front bumper. Disconnect the 2 fog light electrical connections and the single ambient temp sensor electrical connection. The bumper cover can now be lifted clear.

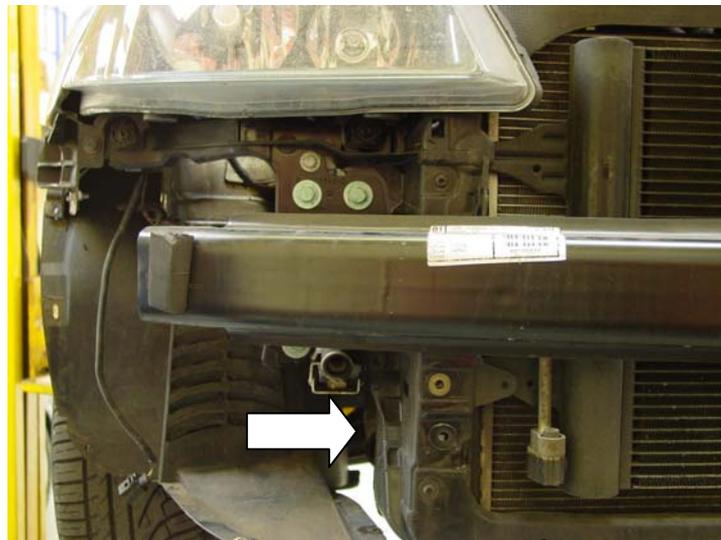




2/ Remove the ducting to the standard side mount intercooler by unclipping the top plastic mounts and then feeding the fog light wiring harness through the ducting. There are also 2 plastic trim clips to remove. Disconnect the electrical connector from the MAP sensor mounted on the top tank of the intercooler. Loosen the hose clips of the upper and lower hose joints and then remove the 3 x 10mm nuts that secure the intercooler, fully remove the intercooler from the vehicle. Remove the right side plastic bumper trim as pictured on the right below. This is secured with 2x plastic trim clips.



3/ Remove the right side headlight completely, this is fixed with T35 torx screws, also disconnect the electrical connections in order to remove the complete headlight unit. Remove the lower rubber boost pipe which connects to the hard pipe in the lower engine bay as indicated below.



4/ Now remove the front crash bar, this is secured with several 13mm and 10mm bolts.



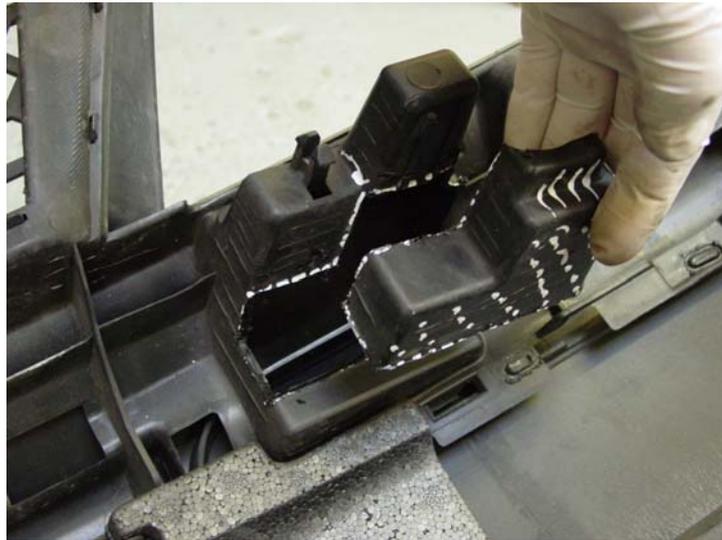
5/ Fit the 2x 300mm silicone tubes to Intercooler inlet and outlet connectors using the hose clips supplied. Fit the aluminium hose joiner to the lower tube as pictured, secure using the hose clip supplied. Mount the new intercooler to the Bumper bar using the cap screws, washers and nuts supplied. Now refit the complete bumper bar and intercooler assembly to the vehicle using the original 13mm and 10mm bolts.



6/ Remove the original Map sensor from the stock intercooler and fit this in to the new aluminium pipe as pictured below. Fit this aluminium pipe between the top intercooler pipe and the original hose at the back of the headlight aperture. Connect the 45 and 135 degree hoses and joiners as per the second picture below and secure them all using the hose clips supplied. Check and secure all hose clips that have been fitted to the whole new FMIC pipe run. (If any of these become dislodged at a later stage then it will require the complete bumper removal in order to gain access). Connect the electrical connection to the Map sensor.



7/ Cut a section (as pictured below) from the right side inner bumper cover.



8/ Refit headlight and complete bumper cover. The right front bumper cover may be tight on the new intercooler pipework. It may be required to change the angle of the pipework several times in order to get the bumper to fit well around these. Be sure to connect the fog light electrical connections.
Lower the vehicle to the ground and clear away all tools and old parts.

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



Engineered for performance.