



SEAT Leon 1.8T Front Mounting intercooler Kit (Not for vehicles with headlight washers)



Please read these instructions before starting the installation. Please ensure at all times that you work safely and take suitable precautions to protect yourself from risk of injury. We accept no liability for this installation of this kit or for changes in the vehicle crash deformation characteristics.

Tools that are required:

13mm and 10mm sockets with ratchet and extensions

4mm bladed and cross point screw drivers

Torx socket or screw driver set T25 and T30

10 mm ring spanner

Jig saw or craft knife

Hacksaw or similar

Suitable means of safely supporting the front of the car whilst both front wheels off the ground. It is good practice to check all components on installation that no foreign bodies are present that may be drawn into the engine on start up as severe damage may result.

After ensuring that the vehicle is secured in a stationary position the front of the vehicle should be elevated so that both front wheels are off the ground using suitable lifting equipment (see manufacturers handbook for lifting points). Once elevated the vehicle should be "made safe" with secondary supports (axle stands) if necessary. The bonnet (hood) should be opened.



On the front of the plastic over bumper, remove the two black plastic rubbers using a bladed screw driver and then remove the Torx bolts.

Remove the lower side grills and remove the securing bolts

Now remove the wheels arch liner which is held in place with Torx screws

Remove from the top of the front panel the push in clips holding the panel in position

Now remove the front panel from the vehicle, disconnecting the fog lights at their connectors if necessary



Remove the two upper and two lower torx bolts from the headlight unit on the intercooler side of the vehicle. Disconnect the electrical connector and remove the headlight unit.



Remove the bolts from the metal crash bumper each side of the vehicle and remove the bumper



Disconnect the electrical connector to the (MAP) pressure sensor on the existing intercooler if fitted.



Unclip and remove the air guide from the front of the intercooler

Disconnect the top and bottom intercooler hoses



Remove the intercooler mounting bolts and remove the intercooler

If fitted, remove the MAP sensor from the original intercooler



The upper and lower hoses can be removed completely



Identify the two new hoses supplied with this kit. One of the hoses has an alloy insert bonded into the hose – this will be the upper hose.



If your original intercooler had a MAP sensor installed, refit the sensor to the new hose. If no sensor was present, use the supplied blanking plate to seal the sensor housing in the new hose



On the front panel of the vehicle, bend down the optional headlight washer bracket as shown



Install the new hose to the intake manifold and reconnect the MAP sensor electrical connector. Now refit the headlight along with its four securing bolts and electrical connector



Install the lower intercooler hose as shown

It will be necessary to trim the radiator air guide to allow hose to be sited closer to the front panel

Fit the new intercooler to the supplied replacement crash bumper with the two supplied bolts and refit to the vehicle as shown



On refitting the front plastic over bumper it will be necessary to trim the plastic internal webbing on the inside of the bumper near to where the towing eye is located. This is to allow clearance for the lower intercooler hose.

It is now good practice to check that all the hose connectors are secure

Re-assembly of the front panel and wheel arch liner is the reverse of the dismantling procedure, not forgetting to reconnect the fog lights if fitted

Where a component is secured by a number fixings it is good practice to leave each fixing loose before aligning the component and tightening the fixings.

Once satisfied that all tools have been removed and the vehicle is safe to use you may enjoy the benefits of your new purchase.

SEAT FMIC Parts Checklist

- 1 x Silicone hose Pt no. SP285
- 1 x Silicone hose Pt No. FMSEATINT
- 1 x intercooler
- 1 x replacement crash bumper (1M0 805 551 C)
- 2 x 45-60mm (No.2) hose clamps
- 2 x 60-80mm (No.3) hose clamps
- 1 x MAP sensor blanking plate
- 1 x MAP sensor adaptor
- 2 x M5 x 16 screws
- 1 x instruction manual