



SEAT Leon Mk1 Cupra R Single Pass front mount Intercooler conversion kit



Safety first. Use protective eyewear when cutting & drilling metal and where protective gloves.

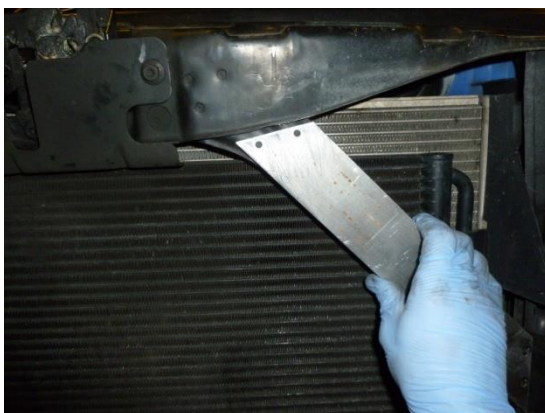
Tools Required.

- Angle grinder with thin metal cutting disc fitted (this for removal of slam panel supports)
 - Electric drill with 7mm drill bit fitted 'may require smaller to get hole started'
 - Flat Blade & Dumpy 'small' Phillips screw driver
 - Torx drivers T20, T25 & T30
 - Socket set 10mm & 13mm
 - Allen Key set
 - 10mm spanner
 - Straight edge/Ruler
 - Black paint 'if possible'
1. Firstly we need to remove the front bumper, open the bonnet and un-clip the front top grill cover and then remove the 5 plastic clips securing the top of the bumper onto the slam panel (small flat blade screw driver should do the trick). Then remove the 4 torx 20 bolts each side of the wheel arch, remove the front fog light grills 'these need to be firmly pulled forward' then undo a single T30 bolt each side located in the fog light area. Then remove the 3 Phillips screws located along the bottom of the bumper 'use dumpy Phillips screw driver'.

2. Once all that has been carried out you need to carefully remove the front bumper unclip each side and pull forward slowly 'do not fully remove' @ this point you will need to unclip the LH/RH fog light multi plugs & the ambient temp sensor multi plug.
3. Remove LH/RH Air ducts, these simply un-clip & will not be replaced.
4. Remove N/S/F Head light assembly '4 T30 bolts' this will give you Access to the left hand intercooler fittings.
5. Now it's time to remove both OE intercoolers, loosen Jubilee clips on both sides and then remove the 3 x 10mm bolts securing them, remove intercoolers clear from vehicle. Remove long alloy connecting pipe that runs along the bottom.
6. Remove horn assembly from back of crash bar '13mm bolt' & fit to left hand side where old intercooler was fitted 'see pic' you may need to adjust horn position & tidy wiring with cable ties provided.



7. Remove the lower splash shield secured with 3x Phillips screws 'not to be re-fitted' there will be 3 metal tags, bend these backwards so they don't fail the New intercooler once fitted.
8. Now Remove the Crash bar secured with 5 x 13mm bolts/nuts each side.
9. Now take the new AIRTEC slam panel support brackets and place them over the originals 'see pic' use a marker pen to mark hole position



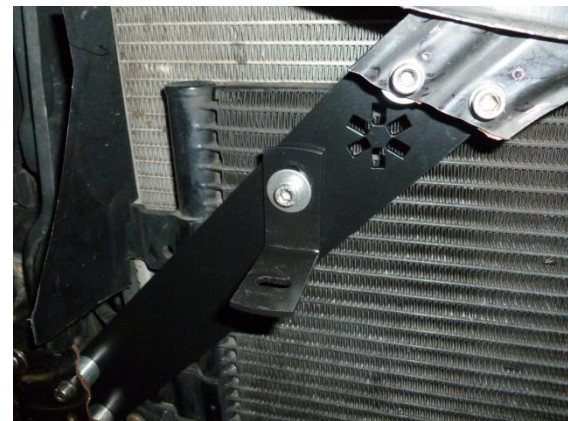
10. Once holes have been marked, draw a line with a straight edge 'see pic' then drill these with 7mm drill 'use smaller to start with' be careful not to damage radiator/aircon radiator

11. Take the Angle grinder and carefully cut along the lines drawn earlier, make sure you cut the correct side of the holes and you can bolt brackets on after 'see pic' use some black touch up paint along area that has been cut. Remove plastic shielding to allow space for new Intercooler.



12. Now you can fit your new Airtec slam panel support brackets, install alloy spacers & fittings provided in-between the holes drilled & the Airtec slam panel brackets.

13. Loosely fit the 2 top Intercooler brackets 'sided' onto the Airtec slam panel brackets



14. Bolt Intercooler to Top brackets 'Loosely'

15. Install silicon hoses as shown below. Hose fitting order - Right hand side Install alloy pipe joiner into OE hose then Install shorter 45 degree bend each side, Install alloy Joiner each side, then Install 90 degree bend each side, another alloy pipe Joiner and finally the longer 45 degree silicon hose 'See pics' when happy with position tighten hoses.



16. Re-fit crash bar and Install Intercooler alloy spacer tubes as shown below & tighten Intercooler fully



17. Make sure all is secured, Intercooler, silicon hoses, crash bar etc re-fit Left hand side headlight assembly and bumper.

18. Sit back and take in the View.



