

# **S1 RS Turbo AIRTEC Half Size Front mount intercooler fitting instructions**

**Fitting.** Depending on selection of tools and mechanical skill  
about 1-2 Hour

- 1. Disconnect battery whilst performing any electrical operation. (i.e. wiring the fan up!)**
- 2. Wear protective gloves if possible**

## **Parts supplied**

- 1x AIRTEC intercooler**
- 2x Silicon 'u' bend & alloy pipe joiner for top boost pipe**
- 1x wiring connectors (if you have soldering iron it makes a better job)**
- 1x Alloy bracket with bolts (secures intercooler in place)**

## **Fitting instructions step by step**

1. Open bonnet & Un-clip and remove front grill
2. Now remove standard intercooler
3. Remove the x 2 securing bolts/screws that secure the top of the radiator (place a piece of cardboard on the back of radiator to help prevent any damage) **DO NOT REMOVE RADIATOR**, unless you are changing it at the same time.
4. Remove the standard cooling fan, this will go back at a later stage in re-fitting
5. Now fit the new intercooler in place, its normally easier to go in from the front grill opening, if move space is needed, un-hook the radiator from bottom hook brackets, this will then help to push radiator back further.
6. At this stage its best to fit the Boost hoses onto the Intercooler and attach the alloy side bracket with the x2 10mm bolts provided, the side bracket will bolt onto the back of the bumper (remove bumper nut then the bracket can be fitted) use new washer and nut to secure. Do not fully secure just yet! Make sure you have enough room to the left hand side of the new intercooler for the fan assembly, once happy you have enough space secure the side Bracket and Boost hoses.
7. Replace radiator onto bottom radiator supports and the place fan assembly in position, if you are fitting original fan assembly, new fittings are provided in the kit (follow these separate instructions for fitting) if a new fan is being fitted use the fan ties to secure. Tip when using new fan, cut off the original multi-plug and solder onto new fan, then you can plug your new fan in as factory fit!
8. Once you are happy with clearance, re-install the radiator top securing bolts/screws
9. Replace front grill assembly and your done!

