



Mini Mk2 R56/R57 Cooper S Turbo Intercooler Fitting Instructions

(Hatch Back 2007 onwards & Convertible 2009 onwards)



Tools required. Good basic tool kit will get the job done and if you have a car lift this is perfect but can be achieved on the floor @ home in about 2 hours.

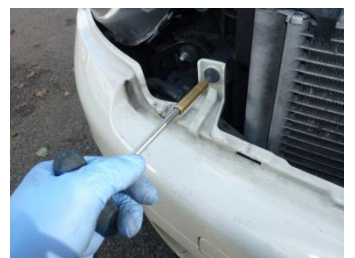
1. With a flat bladed screw driver or trim clip removal tool remove the 4 push clips (centre pulls out) that secure plastic grill onto front panel as shown



2. Now you can remove the front grill by un-clipping each corner (push down and pull forward) and then un-clip the 4 clips show in photo-2 these squeeze together and pull forward to release



3. Remove the 2 x T25 screws from top of bumper, these are located on the inner of each head lamp



4. Remove 3 push fit clips from underneath the front of the bumper as shown & then 2 T25 screws from Left & Right corner as shown.



5. Turn steering wheel on full lock and then you can gain access to the 3 push style clips that secure the inner wheel arches, do this both side, see photo for location.



6. Pull wheel arch liner away and then you can gain access to remove the 2 x Push fits from each side, you need to un-clip wheel arches from back using a use flat blade screw driver and then pull forward to release. Once wheel arches are loose you can remove 1 x T25 screw from each side.



7. The front Bumper is now loose and requires the side light/fog lights and Air temperature sensor to be un-clipped, squeeze tabs together to remove.

8. Now it's time to remove that tiny stock Intercooler



9. Remove the x 2 T25 screws from the left and the right hand side of the stock Intercooler and then loosen the Jubilee clips which secure the boost hoses onto the intercooler. (Tip. Some models have small trays obscuring the boost clips, these can be simply undone and then you can gain access to the jubilee clips)



10. Install new AIRTEC Intercooler, attach Boost pipes at time of installation, make sure the top middle bracket is on the inside of the crash bar (this is not used for European models) Use original fixing on the right hand side and then if required use the alloy spacer provided on the left hand side, fit as pictured.



11. Un-clip the lower grill from your bumper and remove the x 2 side shields as shown in photo, use sharp blade or hack saw to remove. The Air temperature sensor will be re-fitted on the reverse of fog light assembly later. Now cut away 110mm from the bottom right and left of the grill as shown.



12. The lower tags on the bumper will need to be removed due to failing the intercooler once fitted. Now re-fit lower grill, extra trimming may be required depending on style of bumper and grill originally fitted.



13. The Air temperature sensor is fitted to back of fog light as pictured with cable tie supplied.



14. Replace bumper and top grill in reverse of removal, enjoy your new AIRTEC uprated intercooler.
Thank you for choosing an AIRTEC cooling solutions product.

