

BMW B58 Charecooler Radiator Fitting Instructions

Tools needed:

- Ratchet and Socket Set
- Torx Set
- E11 Socket
- Trim Removal Tool

Kit Includes:

- 1x AIRTEC Motorsport Chargecooler Radiator with protective stone guard

PLEASE THOROUGHLY READ THESE INSTRUCTIONS AND MAKE SURE YOU ARE FAMILIAR WITH THE STEPS BEFORE CARRYING THEM OUT



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Instructions:

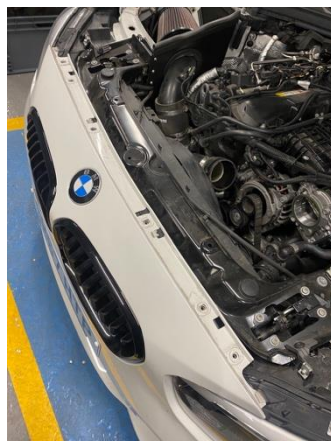
1. Start by removing the undertray from the vehicle, use an 8mm socket to remove the bolts securing the undertray in place. Then remove the four 8mm bolts from the lower bumper.



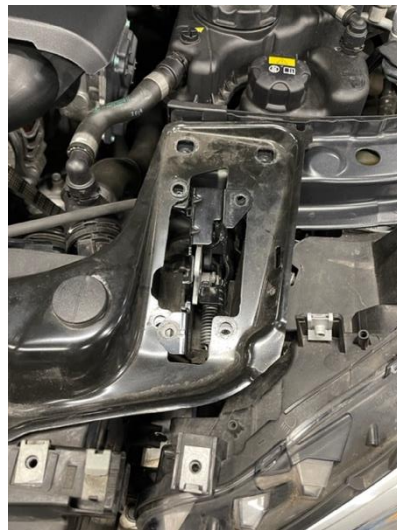
2. Now you will need to remove three bolts from the arch liner using an 8mm socket. Once removed, you will be able to access the two 8mm bolts securing the bumper to the front wings. Also remove the 8mm bolt securing the brake cooling guide in place.



3. The rubber trim on top of the bumper can now be removed, which will allow you to access and remove the six T27 Torx bolts. Now unclip any sensors connected to the front bumper and then remove the bumper from the car.



4. You will now need to remove four T35 Torx bolts and eight T27 Torx bolts securing the slam panel to the top of the bonnet latches. After they have been removed, you can push the catches down and remove two T30 bolts from where the headlights meet the slam panel. Then remove the two T45 Torx bolts and four T30 Torx bolts from the slam panel.



5. The air duct can now be removed from the car by releasing the plastic tabs attaching it to the crash bar.



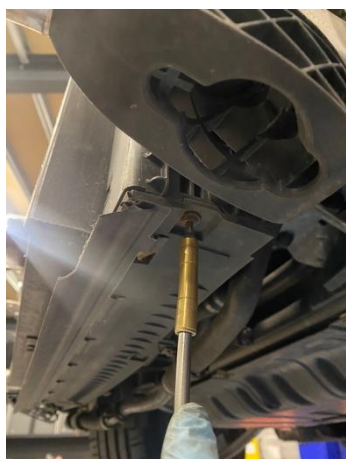
6. Release the crash bar and brace by removing the two T40 bolts from the brace then remove the remaining four 13mm bolts from the crash bar.



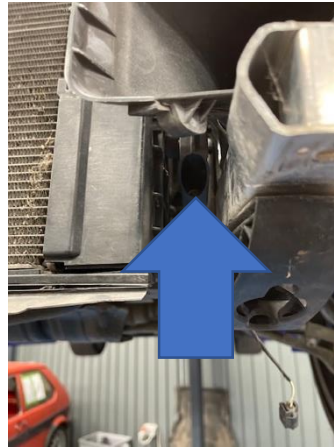
7. You will now need to remove both of the brake cooling guides by removing the trim clips with a trim removal tool on both sides of the guide. Then you can remove the lower air feed for the radiator and remove the two E11 bolts from the lower support.



8. Remove two T25 Torx bolts from underneath the rad pack then an additional two T25 bolts from the top. Remove the end take covers from the sides of the radiator by pulling them.



9. The lower piece of the rad pack can now be removed, and you can now remove the two T27 bolts holding the rad pack to the vehicle. Once they have been removed, you can lift the rad pack up and out of where it is located.



10. Drain the coolant from your original radiator and hoses by releasing the hose clip from the lower offside of the vehicle. Make sure to have something in place to catch the excess fluid.



11. You can now fully remove the original radiator by releasing the hose on top of the radiator.



12. Remove the plastic shrouding which covers both ends of the original radiator and fit these straight onto the new AIRTEC Motorsport radiator. In order to remove the plastic shrouds, simply push the tabs in on the back. Also make sure to swap over the mounts, as shown.



13. You can now install the radiator onto the car in reverse of removal, making sure to slot the pin into the rad pack. Then secure the radiator in place by reusing the T27 bolts that you previously removed in Step 9.



14. Finally, make sure that everything is secured correctly and reassemble the car in reverse of Steps 1 to 8. Then top up the coolant to the correct level and follow the BMW self-bleeding procedure – please follow the online guides if you're unfamiliar with the process.

