

BMW S55 M2 Competiton/M3/M4 Auxiliary Radiator Fitting Instructions (either side)

Tools needed:

- Ratchet and Socket Set
- T27 Socket
- Metal Trim Removal Tool
- Hose Clamps
- Coolant (to top up system)

Kit Includes:

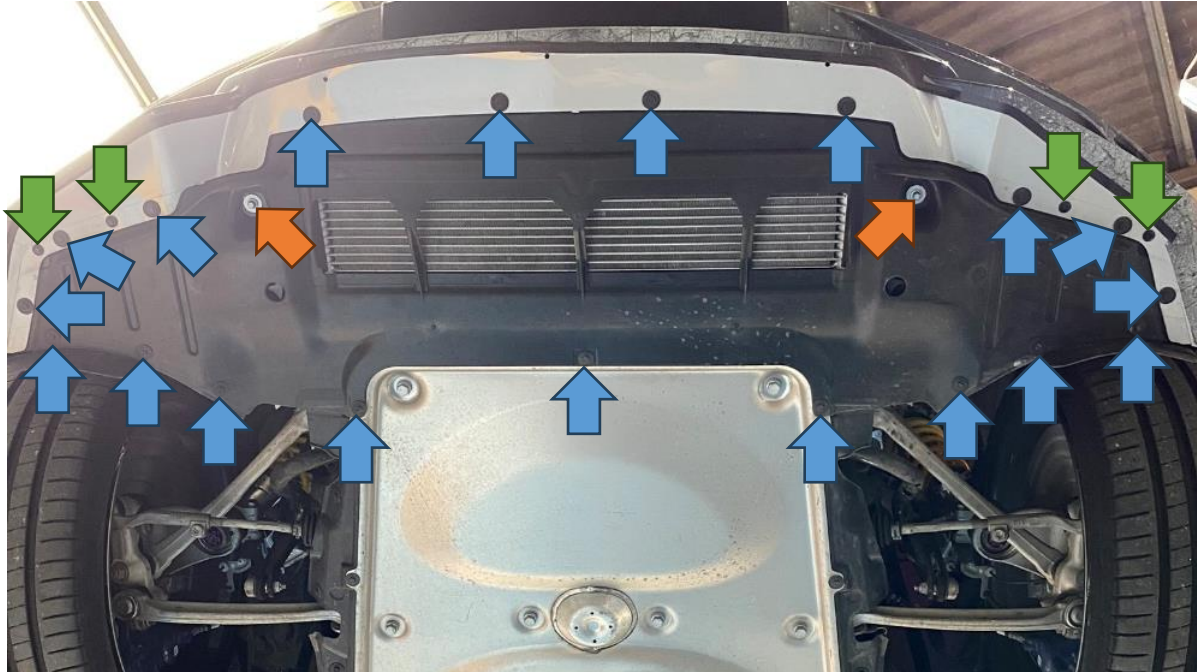
- 1x AIRTEC Motorsport Auxiliary Radiator (either side)
- 2x Replacement O-rings



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

Instructions

1. From underneath the car, start by removing the front undertray by removing the 19 8mm bolts (blue arrows), two E11 bolts (orange arrows) along with four plastic push fittings (green arrows).



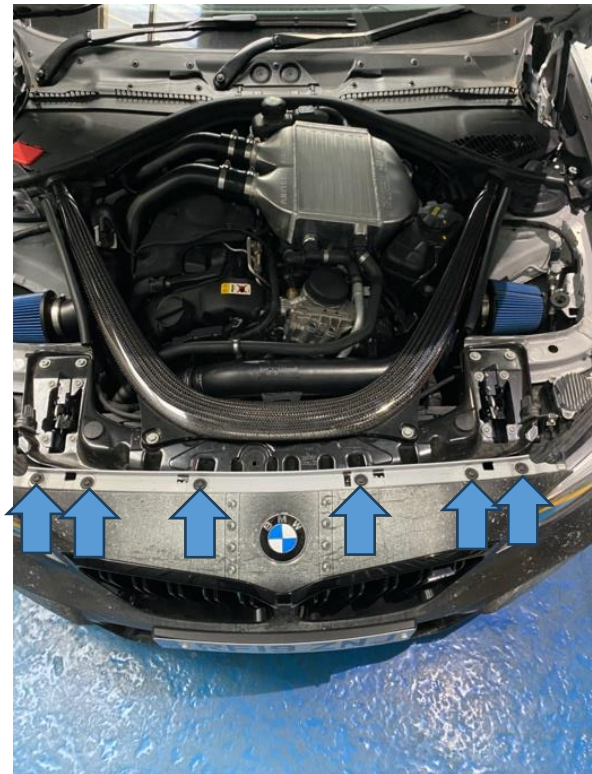
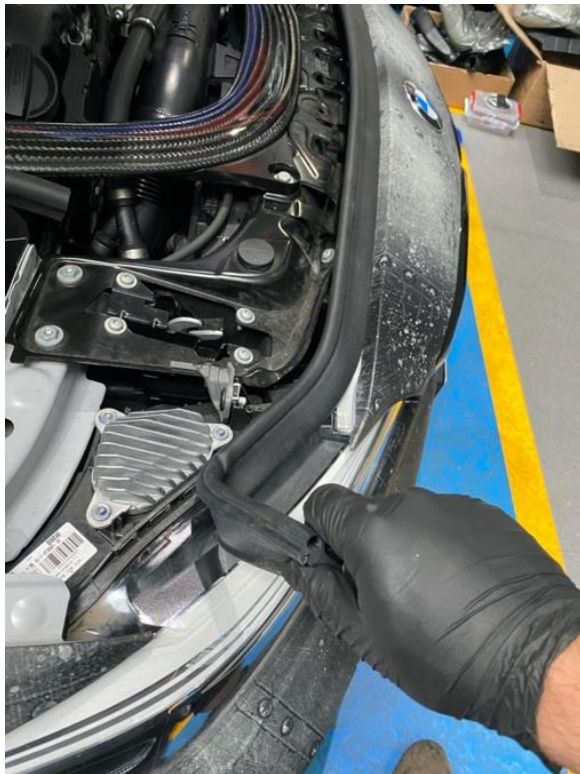
2. Next remove the front half of each inner wheel arch by undoing the eight 8mm bolts and pulling the front half of the arch liner out.



3. With the arch liner removed, you can access the three 8mm bolts each side that are holding the bumper to the front wing.



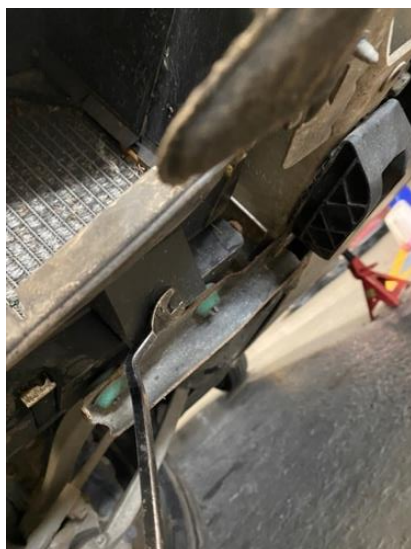
5. Carefully pull back the weather strip along the top of the bumper and remove the six T30 bolts underneath.



- Unclip the wiring loom from the bumper on both sides and with the help of someone hold the bumper each side and gently pull forwards to release it.



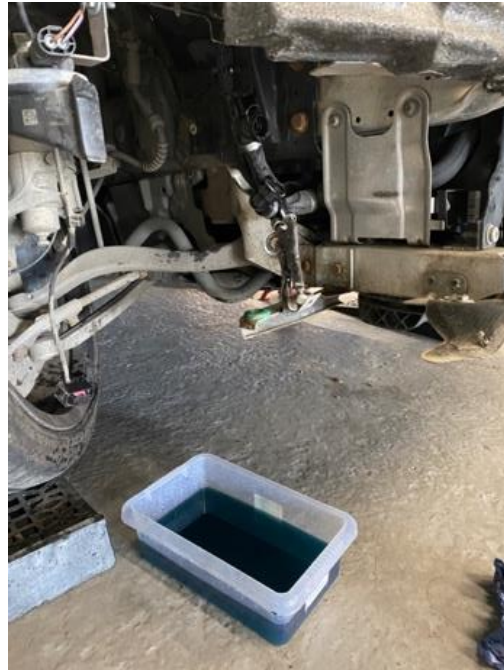
- Now remove the air duct in front of the radiator you are replacing. Use a trim removal tool to release the two trim clips from the top of the guide and one from the bottom. Once they have been removed you can slide the air guide off the radiator.



9. Now you will need to clamp both of the coolant hoses on the back of the radiator. Then use a trim tool to release the metal spring clip securing each of the coolant hoses directly to the radiator. Slide the trim tool into the metal clip and apply pressure until you it click.



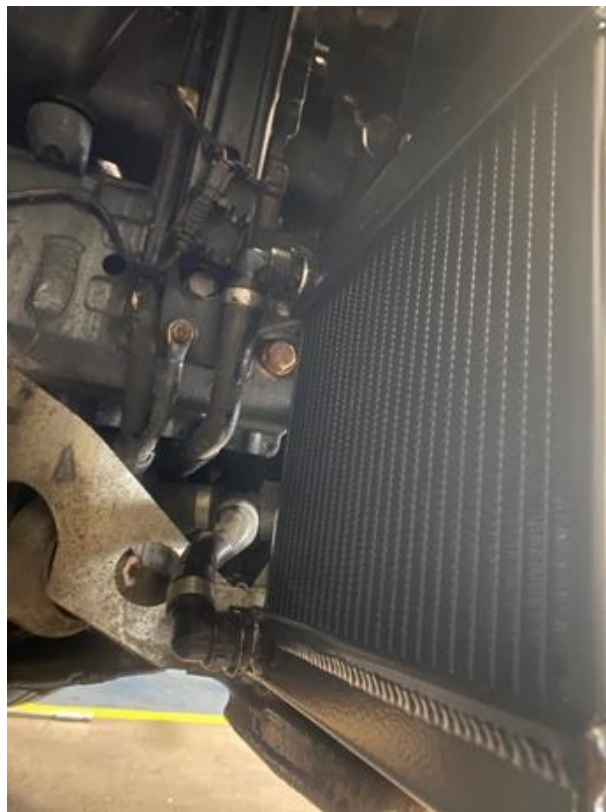
10. Release both coolant hoses from the radiator and make sure to have something in place to catch the excess fluid. You can then undo the single T27 bolt securing the radiator at the top and remove the radiator by lifting it from the bottom rubber mountings it rests on.



11. You can now install your new AIRTEC Motorsport radiator by sliding the pins into the bottom rubber bushings and then secure reusing the original T27 bolt at the top.



12. Once the new radiator is in place, you can reinstall the two coolant hoses in reverse of removal. **Make sure you remove the original O-rings inside the hose fittings and replace them with the AIRTEC Motorsport supplied O-rings before reconnecting.**



13. Finally, refit the original ducts removed in Step 7 along with the front bumper in reverse of removal. Then, top up the coolant to the correct level and bleed the system as per the manufacturer's correct procedure.

