

BMW M2 Competition/M3/M4 S55 Oil Cooler Fitting Instructions

Tools needed:

- Socket set
- Allen Key Set
- Metal Trim Removal Tool
- 500ml of Oil

Kit Includes:

- AIRTEC Motorsport Oil Cooler
- 2x M6x20mm Socket Head Bolts
- 2x M6 Pan Washers

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

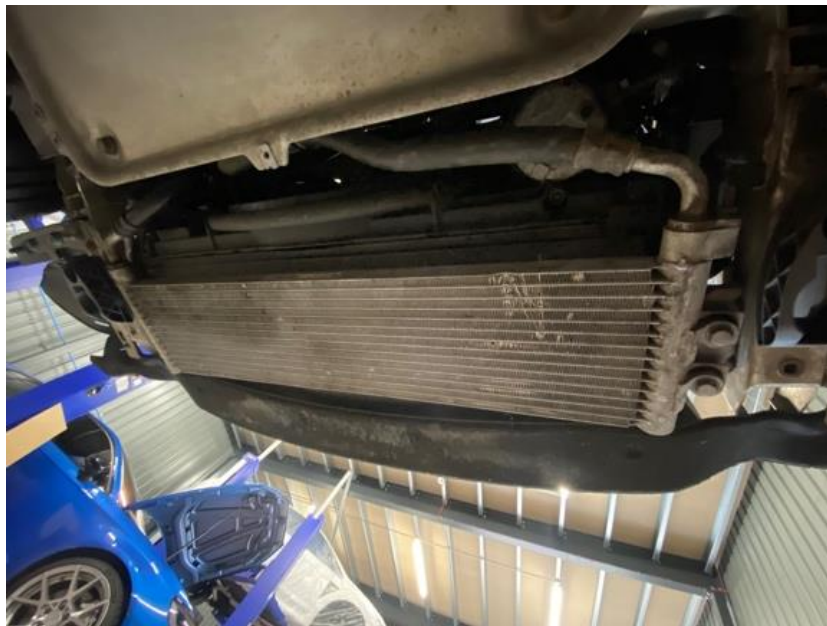


Instructions

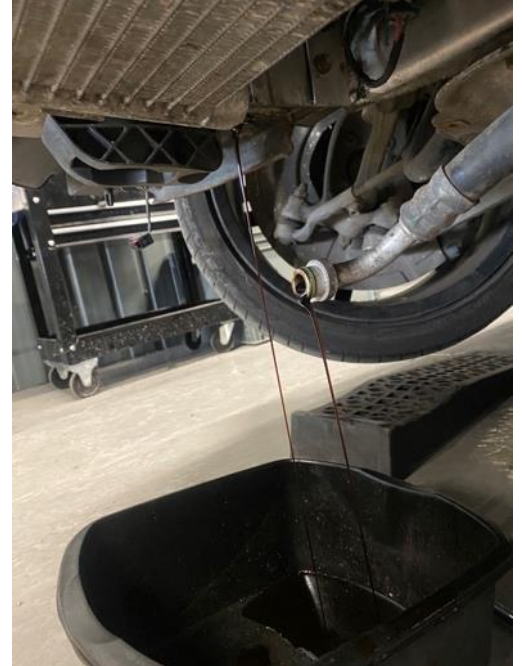
1. Start by removing the seven 8mm bolts and an additional two 13mm bolts from the plastic oil cooler undertray.



2. Now you will be able to access the three 13mm bolts which will need to be removed to allow the oil cooler to drop down. **Only loosen these** as it will make it much harder to remove the oil lines if they are fully removed.



3. The two 10mm nuts which are securing the oil lines in place can now be removed. We advise using a deep socket and make sure to have something in place to catch the oil that will drain from the lines. The oil cooler can now be fully removed from the vehicle.



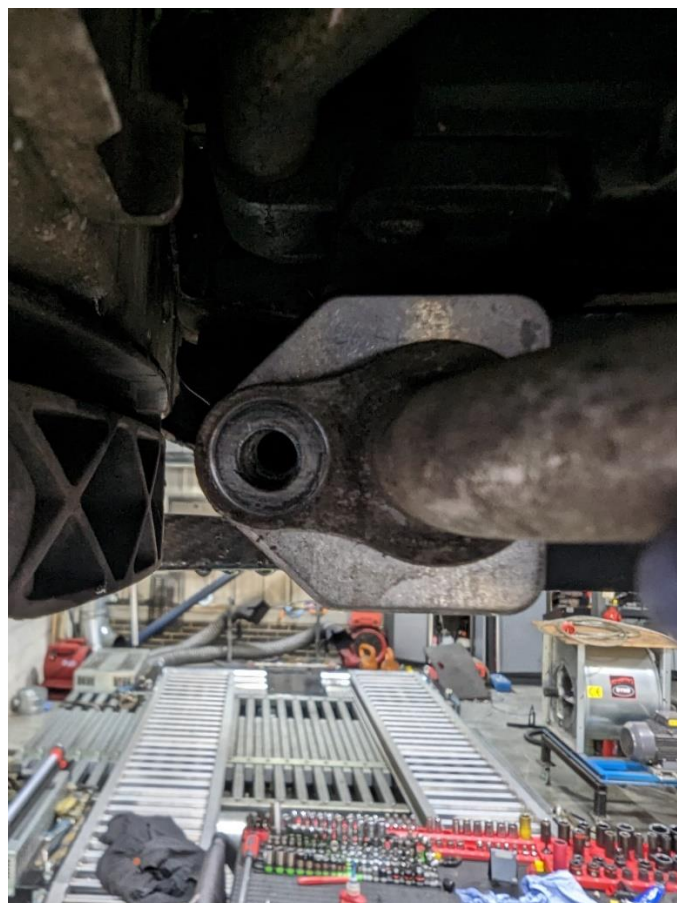
4. You can now remove these fixings from the original oil cooler and transfer them over to your now AIRTEC Motorsport item. We recommend using a metal trim tool to lever the metal insert out then pull the rubber bushing through.



5. Secure the new oil cooler **loosely** in place reusing the 13mm bolts so that there is still movement to install the oil lines more easily.



6. At this stage, check the alignment of the pipe fitting onto the new oil cooler. In some cases, the holes on the pipe fitting may need elongating to allow the bolt to locate.



7. Use the supplied socket head bolts to secure the oil lines to the oil cooler.



8. Now you can fully tighten the three 13mm bolts to fully secure the oil cooler in place.



9. Check everything is tight and then reinstall the oil cooler undertray removed in Step 1.



10. **IMPORTANT:** Finally, top up the oil. You will need approx. 500ml but check the level before filling and start the car. Look immediately for leaks from any of the connections. If there are, turn the engine off, retighten the fittings and repeat. Then let the car get to full operating temperature, recheck the oil level and top up if required.