

AIRTEC BMW 320d E46 intercooler fitting instructions



Fitting kit:

- 2x M8 nylock nuts
- 2x M8 pan washers
- 2x 60mm jubilee clips

Tools needed:

- 8mm socket
- Ratchet & extensions
- E12 torx
- T20 torx
- Philips flat head screw drivers
- Hack saw – Only used to remove metal covers from OEM boost pipe

1. Remove engine under tray front section 8 phillips twist & turn screws



2. Undo 2x8mm bolts holding inner arch to bottom of bumper



3. Undo 2x main bumper fixing bolts E12 torx located under headlight section of bumper



4. Unclip sides of bumper and remove bumper making sure to unclip fog lights



5. Remove both brake air guides 2x8mm bolts



6. Remove radiator air guide shield 4 plastic push fit fittings



7. Remove standard intercooler, first unclip standard boost pipes then undo 2x t20 torx bolts and remove cooler



8. Standard boost hose push fit couplers need to be carefully cut off using a hack saw. Cut outer sleeve and remove. Then the inside coupler will lever out, be careful not to cut the hose.



9. Loosely fit airtec cooler into place and offer air guide in place. Mark bottom of air guide and trim to fit



10. When happy with clearance tighten intercooler bolts and jubilee clips



11. Refit bumper following instructions in reverse



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THE COOLING REVOLUTION...**