

Mercedes A45 AMG AIRTEC charge cooler upgrade fitting instructions.



Tools needed:

- T25 & T27 torx sockets
- 8mm & 10mm socket
- 5mm allen key socket
- Selection of extension bars
- Ratchet
- Flat head screw driver

Fitting kit:

- Pre-rad
- Securing bracket
- 45 degree silicon hose
- 180 degree silicon hose
- 1x Billet joiner
- 4x 25mm jubilee clips
- 2x M6 x 12 socket head bolts
- 2x M6 pan washers

1. Undo 5x T27 torx securing top of bumper



2. Remove 2 push fit fittings securing inner arch & 2 8mm bolts securing lower inner arch



3. Remove 5x 8mm bolts securing bottom of bumper and O/S splash guard



4. Remove alternator cooling duct 3x 8mm bolts



5. Remove 2x 10mm bolts securing bumper to arch



6. Remove bumper making sure to unplug parking sensor loom and ambient air temp sensor.



Time to fit your AIRTEC charge cooler.

7. Remove horn securing brace 4x T25 torx bolts



8. Place charge cooler into place



9. Locate mounting bracket behind crash bar and secure to charge cooler with supplied socket head bolts



10. Locate charge cooler fixing bracket above horn securing brace and tighten all bolts



11. Mark and drill 25mm hole for silicon joiner hose



12. Remove inlet pipe to side of heat exchanger and fit supplied billet joiner, fit to 45 degree silicon and join to bottom of AIRTEC charge cooler



13. Fit 180 degree silicon joiner hose from top of AIRTEC charge cooler to original inlet



14. Refill charge cooler system and bleed system before re-fitting bumper, checking for any leaks.

15. Refit bumper following instructions in reverse