



A45 AMG Down Pipe Installation Instructions

XFORCE RECOMMENDS AN AUTHORISED PROFESSIONAL TO INSTALL ALL PRODUCTS

WARNING: When working on any vehicle exercise extreme caution. Please allow the vehicles exhaust system to be cool enough to touch before removal. Failing to do so may result in severe burns. If working without a hoist refer to the vehicles manual to check correct lifting specifications. Always wear safety glasses, protective gloves and ensure your working in a safe area. Serious injury or death can occur if the correct safety measures are not followed.

Attention: Please read the instructions carefully. XFORCE will only warrant manufacturing faults. This does not extend to damage or breakage due to incorrect fitment.



What's in the box

1. ES-A45-F1 (Down Pipe)
2. ES-A45-F2 (Mid Pipe to Cat Back)
3. BNG 08 (Rear O2 Sensor Adapter)
4. 1 X 3" V Band Clamp



Required Tools and Equipment

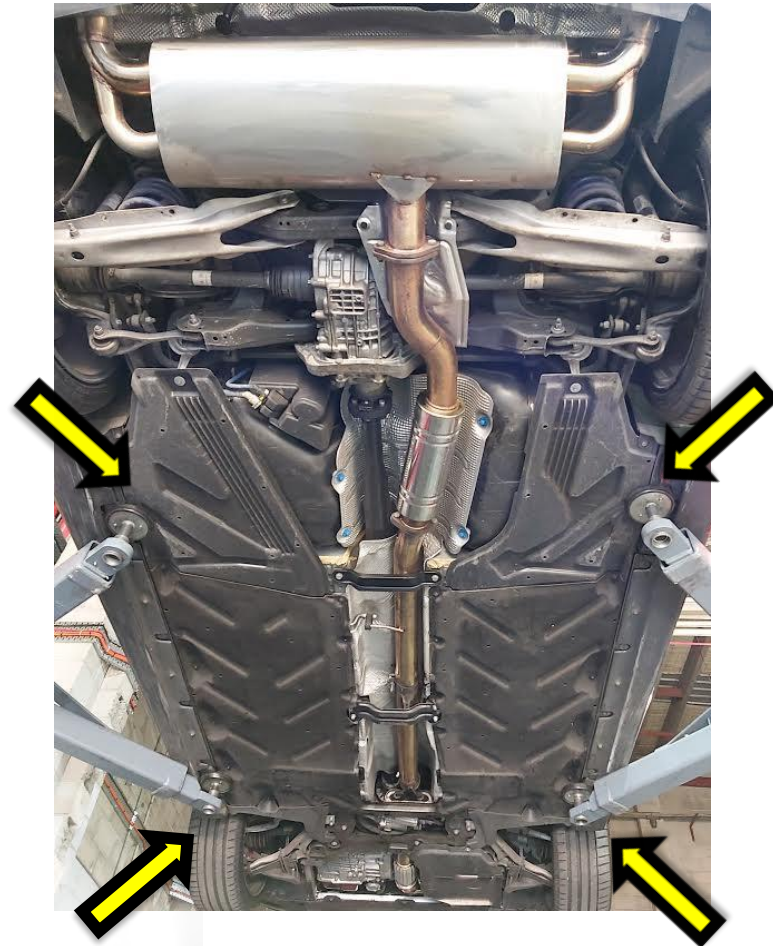
1. Spanners and Sockets required 8mm, 10mm, 12mm, 14mm, 15mm, 16mm
2. 3/8" Ratchet
3. O2 sensor socket or a 7/8" or 22mm spanner
4. 200mm long 3/8 Extension bar
5. Can of spray lubricant
6. Tube of O2 Sensor safe sealant for the 2 bolt Gasket and Slip Joint
7. 2-3 Rags for excess sealant
8. Safety Glasses or Goggles
9. Protective Gloves
10. Safety Boots



Step 1

The entire fitting process must be conducted by a professionally trained technician (this also includes hoist operation).

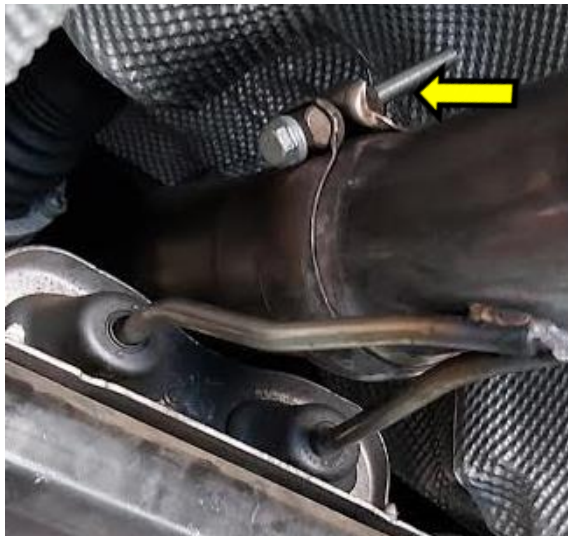
1 Raise vehicle on a 2 post hoist making sure hoist arms are in the correct lifting positions (as per owners manual) and that you or someone else isn't under the vehicle while hoist is moving. Once the Vehicle is at a workable height engage the hoist safety locks.





Step 2

Lubricate the bolts on the ball flare clamp and rubber at the base of the factory down pipe and the clamp at the cat back and remove the section joining the down pipe and cat back.





Step 3

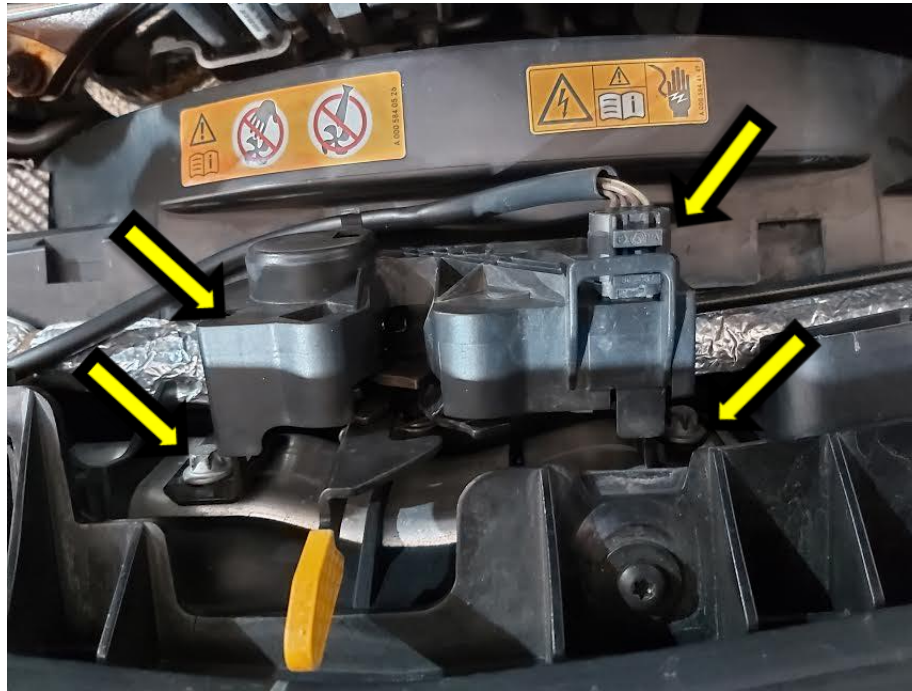
Remove the engine cover and turbo heat shield with 8mm socket and unplug the front and rear O2 sensors and using a O2 sensor socket or 7/8" or 22mm spanner remove the sensors.





Step 4

Remove the bonnet latch and wiring harness plug.





Step 5

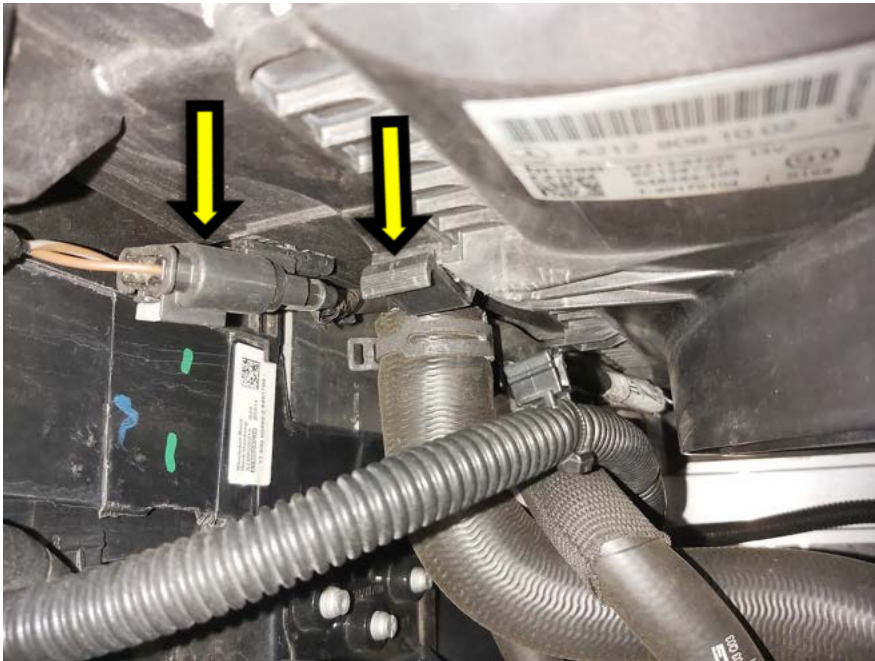
Remove the Thermo Fan wiring harness plug by pressing the outer tabs in and pulling out.





Step 6

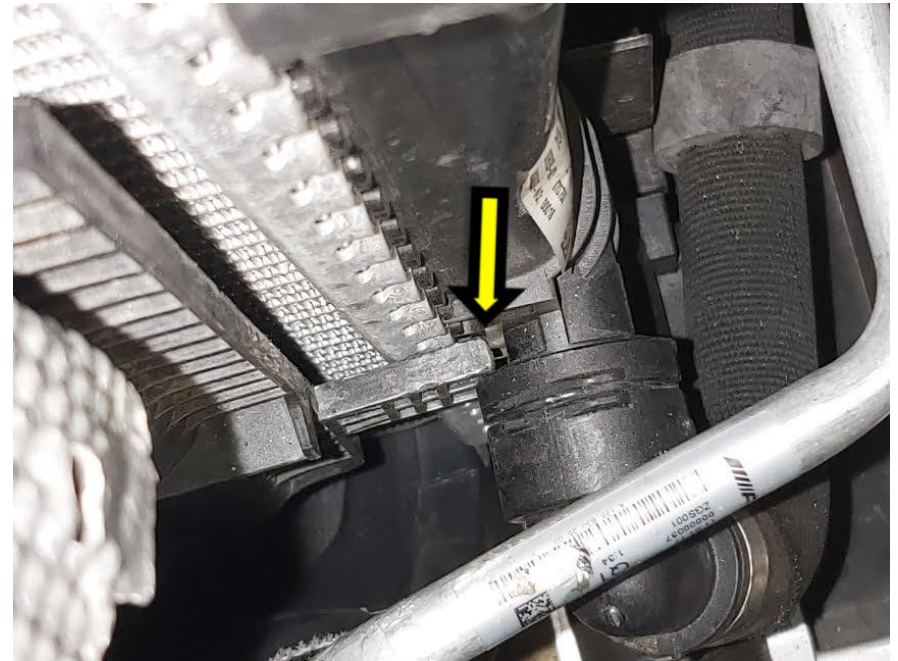
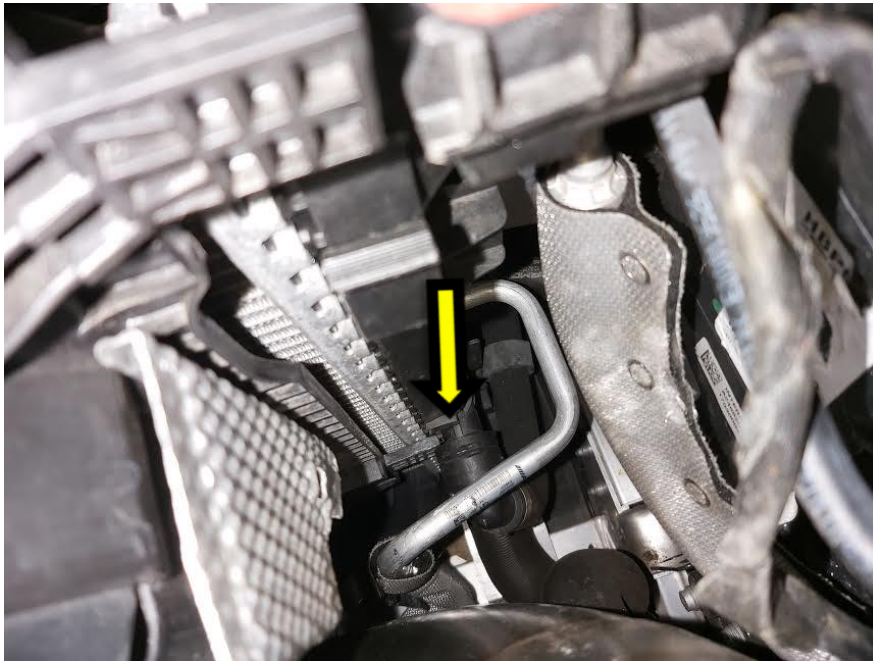
Unplug connector and remove from assembly, then press down on thermo fan assembly tab and lift assembly up .





Step 7

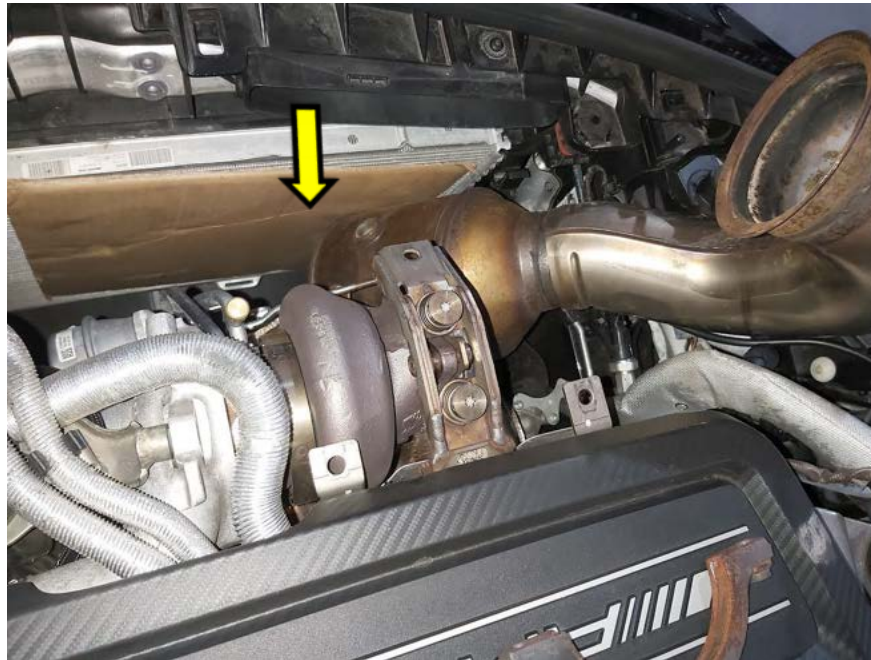
Very carefully position bottom tab between the radiator and hose, then lift fan assembly out.





Step 8

Undo the V Band clamp holding the down pipe to the turbo, put a piece of cardboard between the pipe and radiator and remove the factory down pipe.





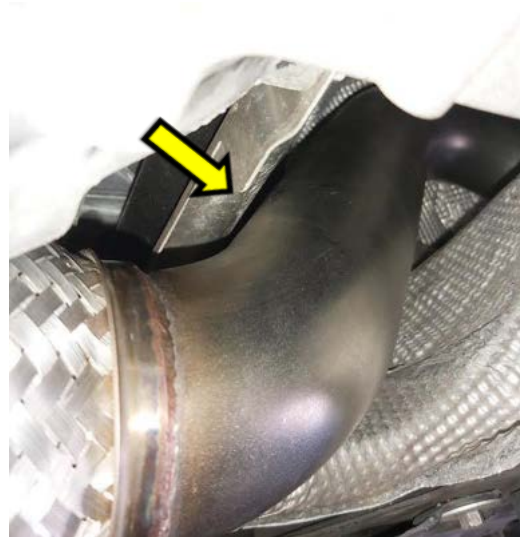
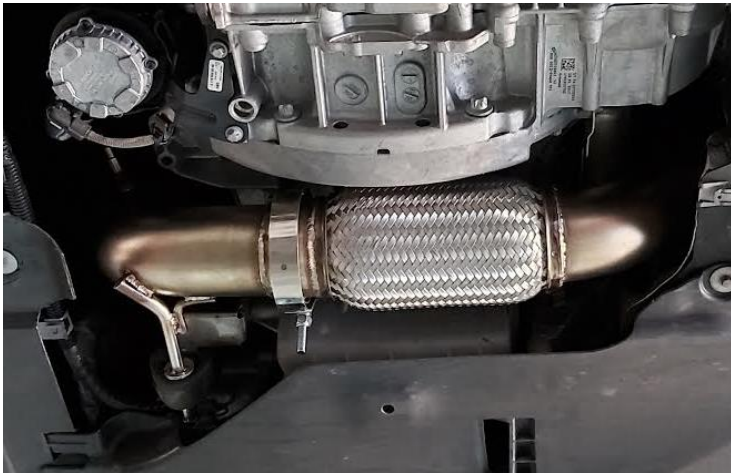
Step 9

To install the Xforce down pipe refit everything by repeating Step 8, Step 7, Step 6, Step 5 and Step 4. Do Not Tighten the V Band clamp holding the down pipe to the turbo, Leave finger tight so it can be adjusted in the steps to follow.



Step 10

Slowly and carefully slide the F2 over the cradle and position the ball flare into the cat back. Lift the front with the flex and V Band into place and fit the clamp firmly but not tight. Make sure you have a small gap 5-6mm (Ref middle pic) If you need to adjust, rotate the down pipe on the turbo forwards or backwards. Then check the gap in the last pic, if you need to adjust rotate clockwise or anti clockwise on the Xforce V Band. Once in position tighten the Xforce V Band, Ball flare at the cat back.





Step 11

Check the gap between the down pipe and the thermo fan assembly and once satisfied tighten the V Band at the turbo. Then repeat step 3.

