

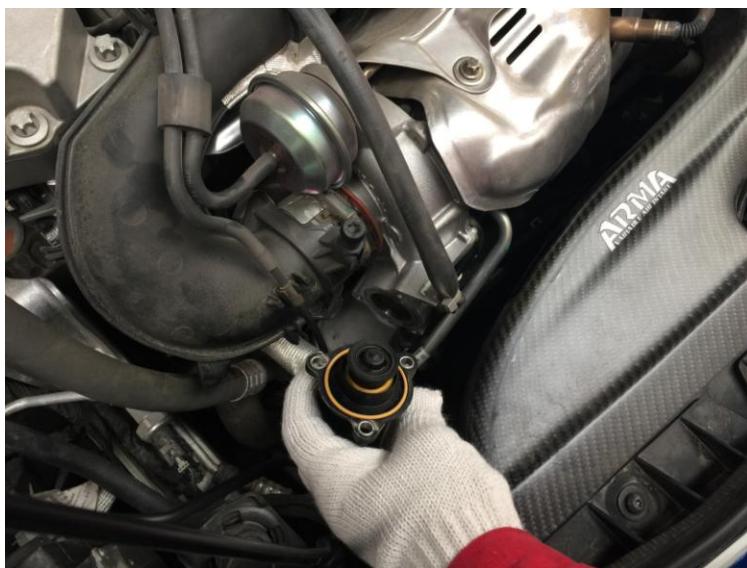


## BOV Fitting Instructions for Mercedes 2.0L engines

1. Remove the engine cover and air box where necessary.
2. Locate the electronic diverter valve mounted on the compressor of the turbo.



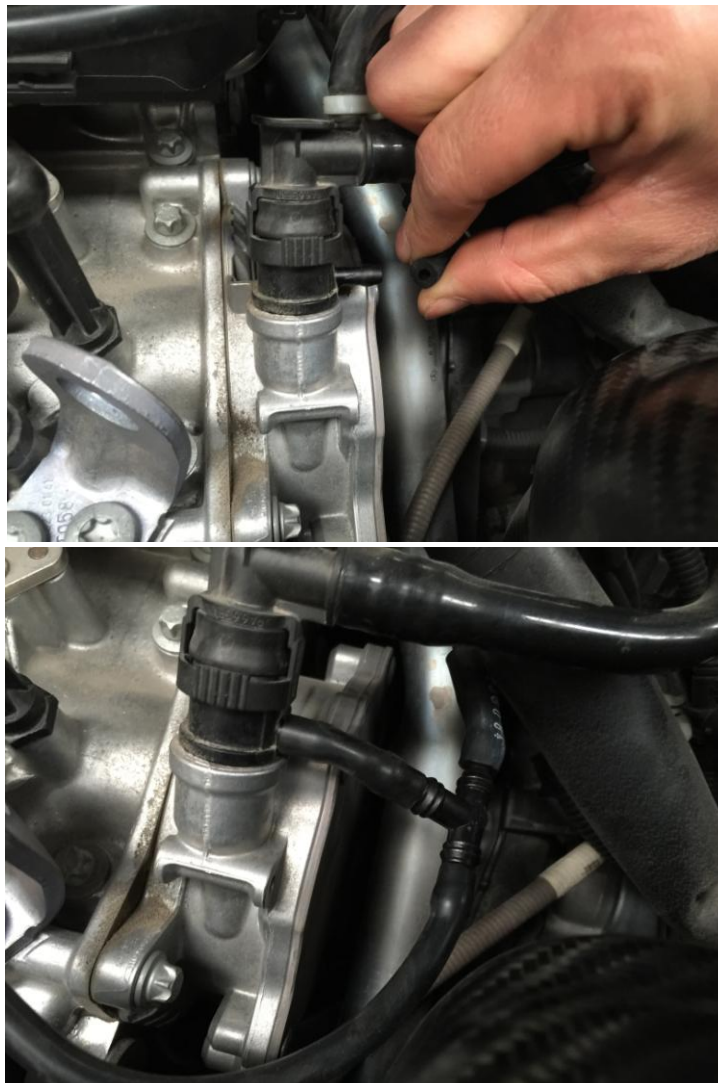
3. Remove the valve by disconnecting the plug and removing the 3 bolts.



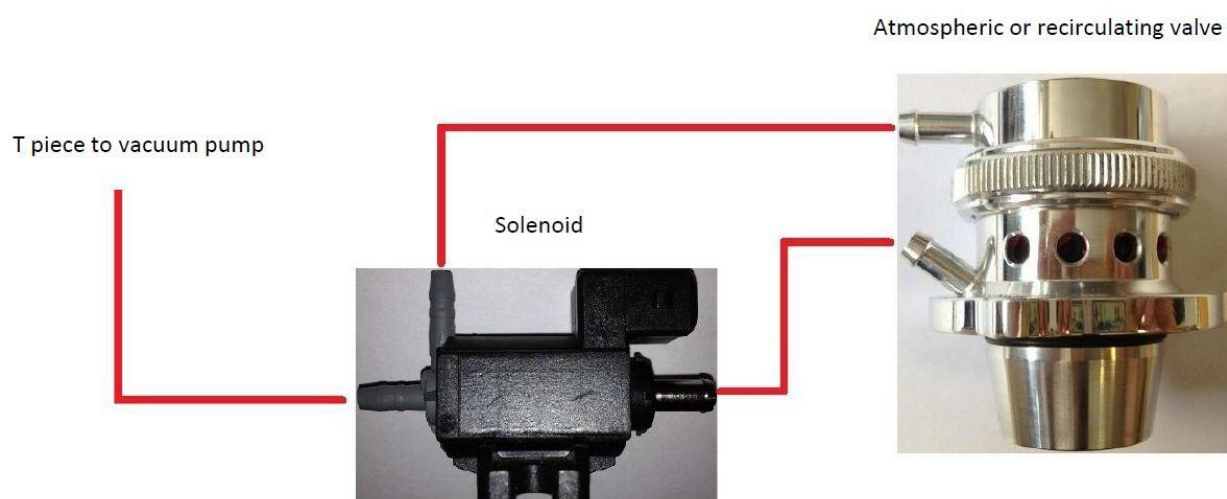
4. Bolt on the Forge BOV.



5. Locate the vacuum pump on the right hand end of the engine (when viewed from the front), and remove the small bore vacuum hose from the side of the outlet. Use the supplied tee piece as shown below to connect to the pump outlet with a short length of vacuum hose, and then connect the coil of vacuum hose to one other side and run it over to the BOV neatly.

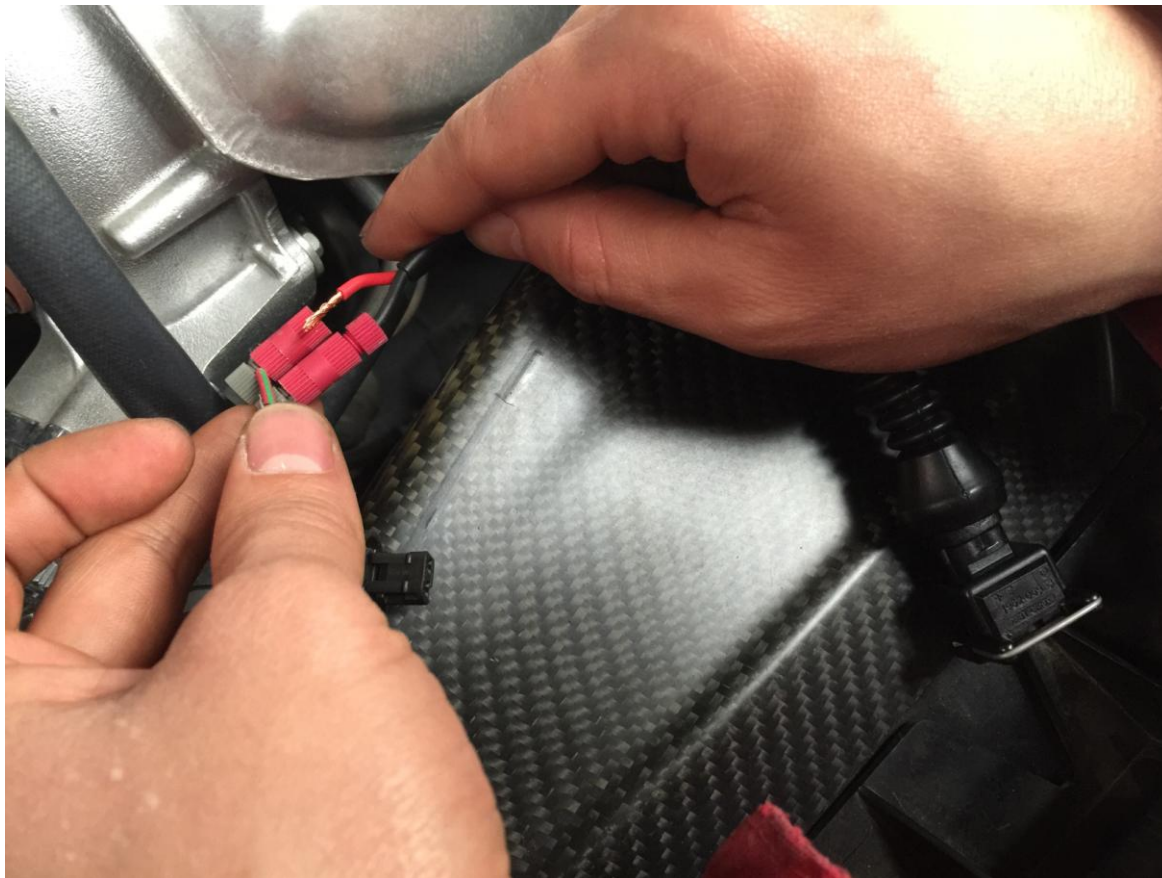


6. Mount the solenoid close to the BOV – in this instance we have used one of the bolts of the BOV, and plumb it up as shown in the diagram below, by cutting the vacuum hose to length.





7. Connect the plug on the supplied harness to the solenoid, and then using the supplied red wire taps, tap into the two wires on the vehicle such that the red/green Mercedes wire goes to the red wire on the Forge harness, and the black wire on the Forge harness goes to the other Mercedes wire (colour may vary).



Your installation is now complete refit all the parts taken off in reverse order.

Please contact your nearest Forge Motorsport distributor for our other products for the Mercedes A45, or visit our website [www.forgemotorsport.co.uk](http://www.forgemotorsport.co.uk) and [www.forgemotorsport.com](http://www.forgemotorsport.com)

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