

FORGE blow off valve for FIAT Abarth 500 MultiAir

Start by removing the engine cover that houses the air filter, including the intake duct going to the turbo with the boot.

Remove the electronic blow off valve from the turbo by disconnecting the wiring and removing the 3 allen bolts.

Install the Forge blow off valve using the bolts removed earlier.



Remove crankcase ventilation, underneath is the connection we need going to the brake booster.



Cut the appropriate lengths of 6mm vacuum hose and join together with the 6mm T piece. Also join the 6mm reducing to 4mm coupler as shown below and the aluminum adapter.

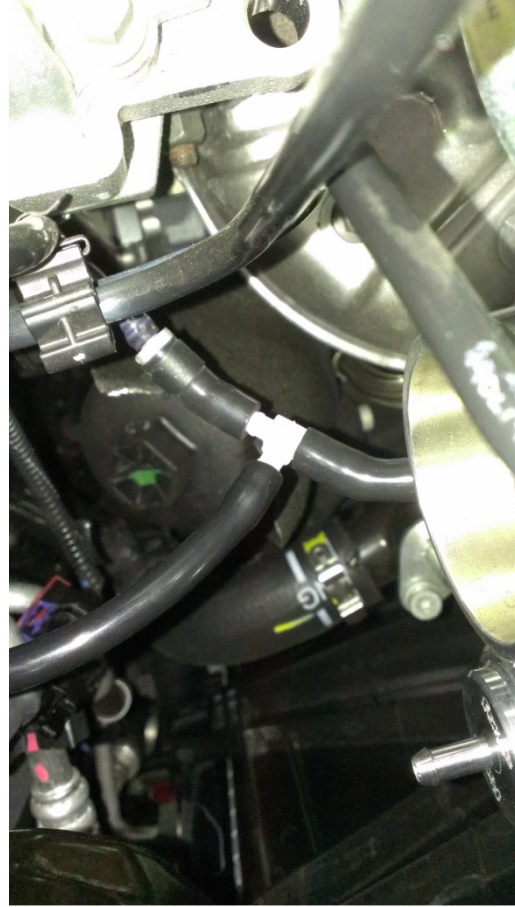


Connect the above vacuum line assembly as shown below in between the brake booster vacuum line connection.



Connect the supplied 4mm vacuum hose to the reducing coupler and guide it to the front side of the engine.

Cut the existing vacuum hose connected to the turbo housing and existing solenoid, and join them together again with the supplied 4mm T piece. Also connect a small length of 4mm vacuum line to the open side of the T piece.



Connect the other side of that hose to the bottom of the solenoid as in the picture.



Plug in the wiring harness extension into the new solenoid and into the electrical plug removed from the stock dump valve.



Install the solenoid with the supplied bracket on the engine.



Connect the line coming from the brake booster vacuum to the top of the solenoid and connect another short length of 4mm silicon vacuum hose from the last open port on the solenoid to the dump valve as in the picture.



Make sure all vacuum line are secure, then reinstall the engine cover with the intake ducts back.

Installation complete!