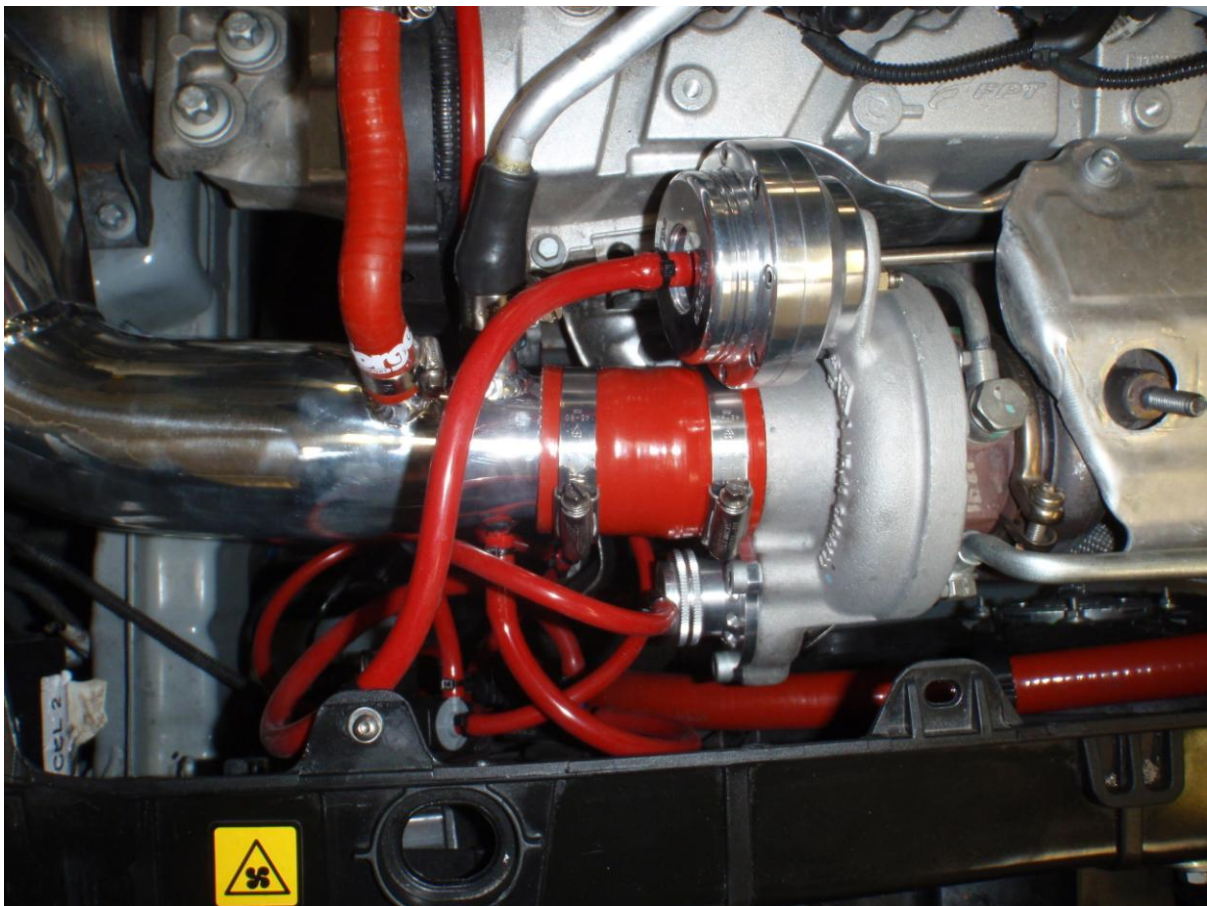




FIAT PUNTO EVO MULTIAIR DUMP VALVE INSTALLATION



Tools needed:

10mm socket and suitable ratchet

3mm allen key

5mm allen key

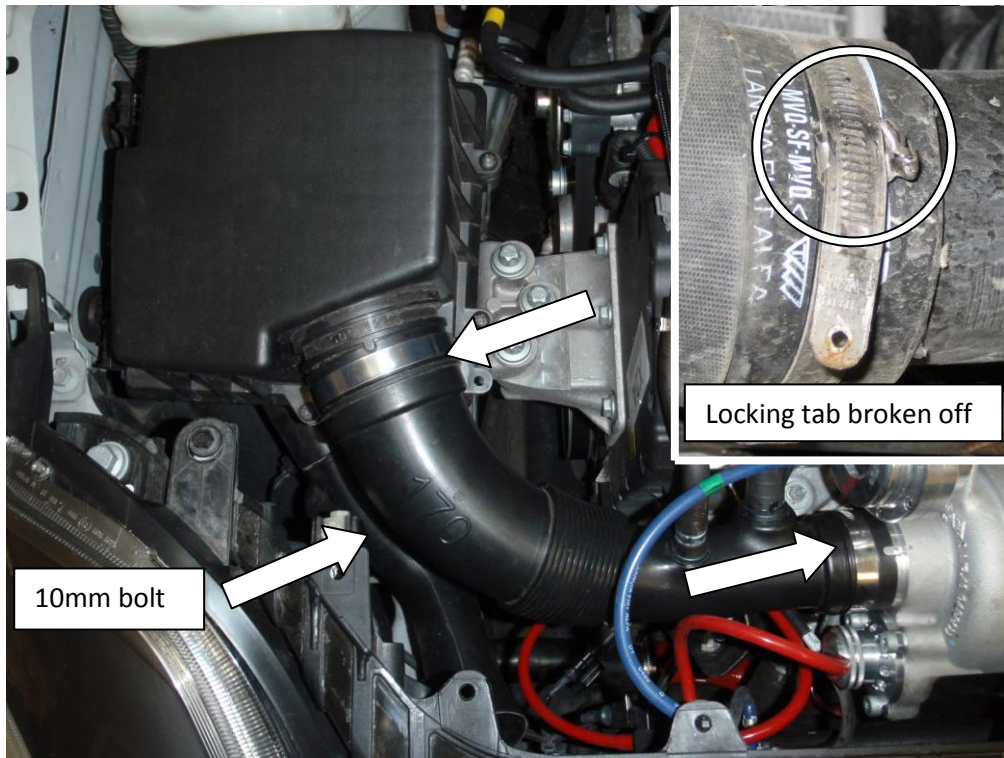
Flat bladed screwdriver

Wire cutters / Pliers

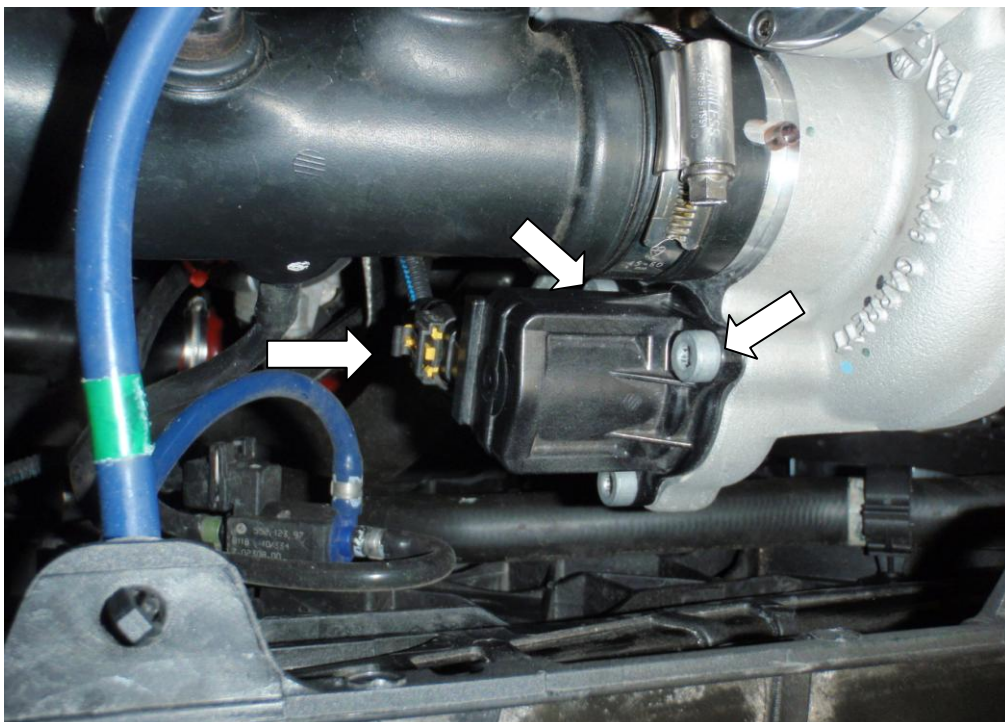
Hose clamp driver (7mm)

Sharp knife

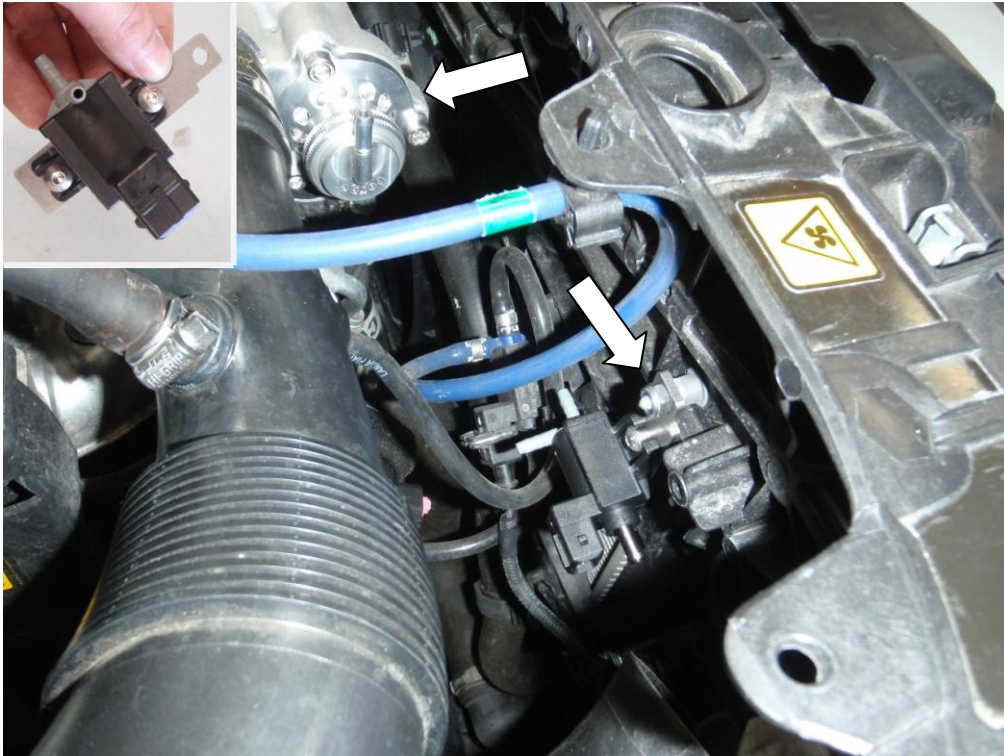
1. In order to install the dump valve we recommend removing the stock filter, the 'use once' clips must be taken off using a click tool or must be broken where the pipes join. Insert a screwdriver into the mechanism and repeatedly twist back and forth until either the locking tab breaks and allows the clip to be slackened by hand, or the locking tab falls off completely and the clip can be removed.
2. Undo the 10mm bolt and pull the stock filter box upwards releasing it from the runner grommets.



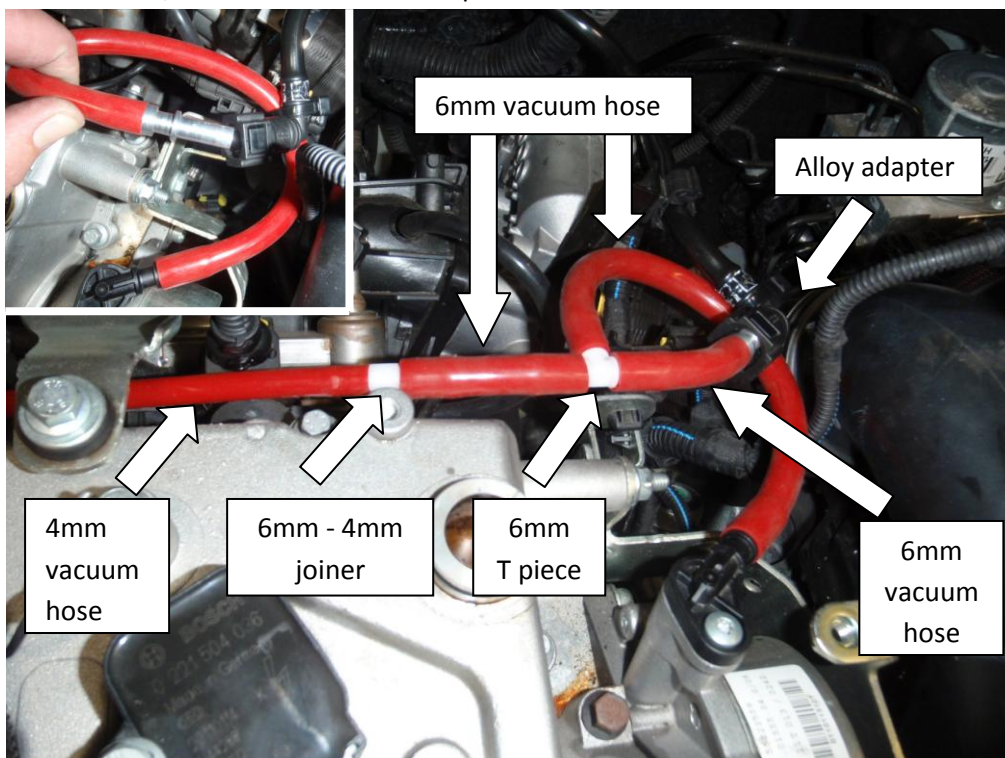
3. To the left side of the engine unclip the electrical connection, undo the 5mm allen key bolts and remove the stock dump valve



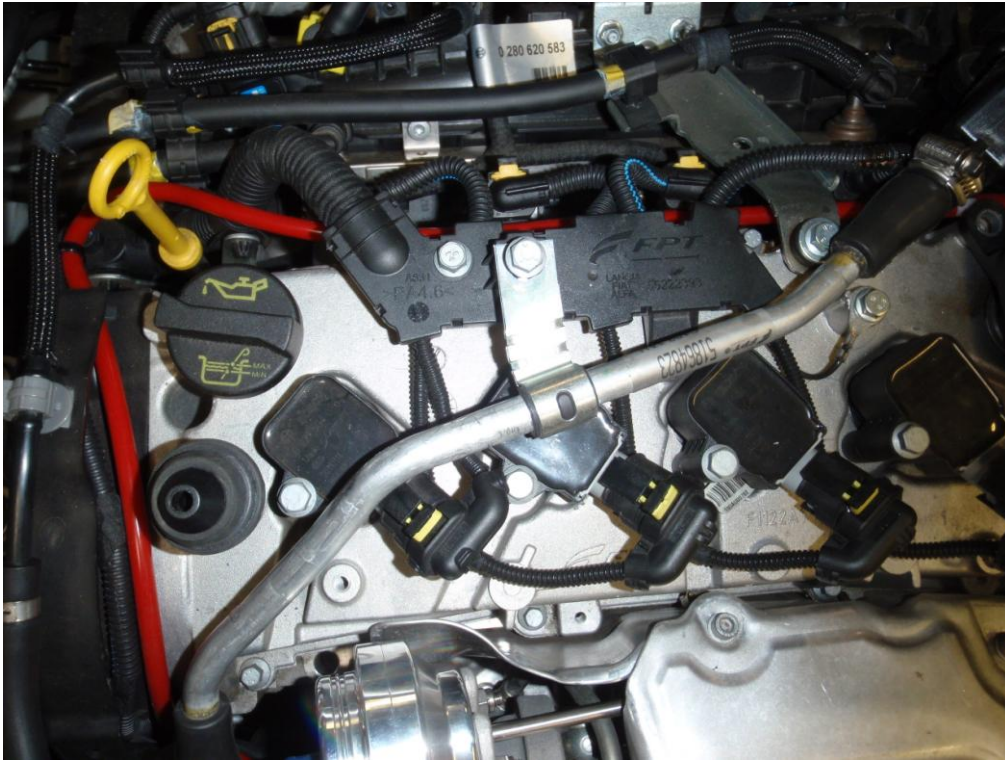
4. Bolt the solenoid onto the bracket supplied in the kit. On the radiator pack you will see a bolt protruding, bolt the bracket onto the radiator pack with the M6 nut supplied in the kit as shown below. Bolt on the dump valve with the bolts that were removed from the stock dump valve.



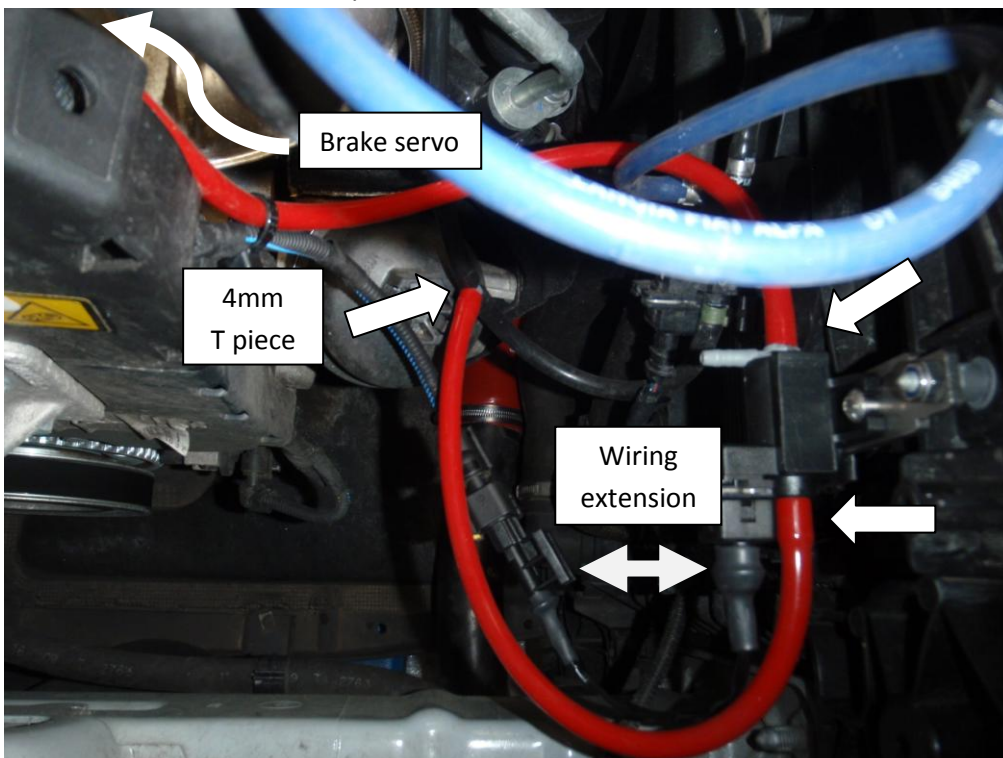
5. Remove the engine cover, close to the throttle body you will see a vacuum take off for the brake servo. Disconnect the vacuum take off cut the appropriate lengths of 6mm vacuum hose and join together with the 6mm T piece. Also join the 6mm reducing to 4mm coupler as shown below, with the aluminium adapter reconnect the vacuum take off.



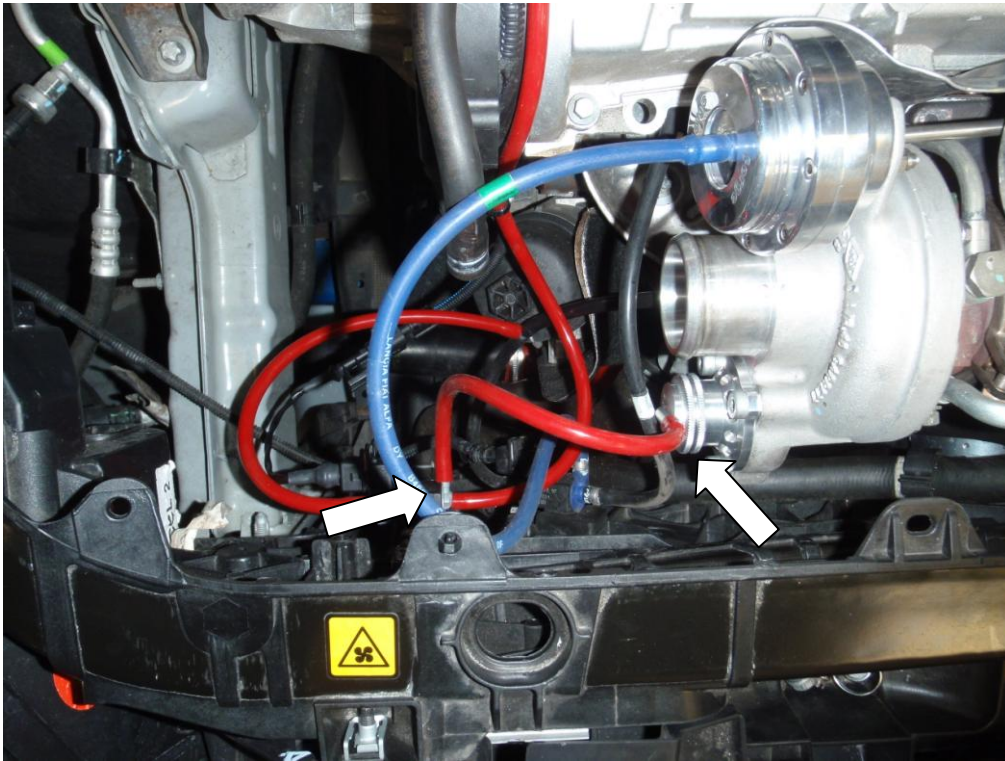
6. Pass the 4mm vacuum hose under the wiring etc at the back of the engine. Place around the dip stick then straight down to the solenoid.



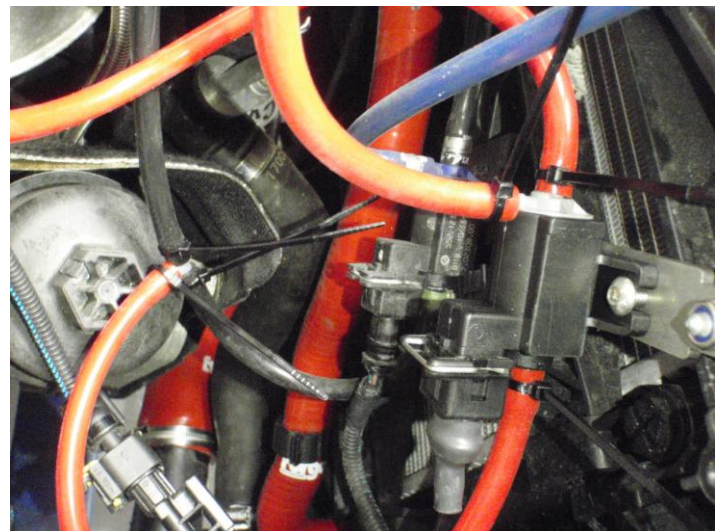
7. Connect the 4mm vacuum hose from the brake servo to the new solenoid as shown below.
8. Cut through the vacuum pipe connected to the turbo hosing and existing solenoid, add the 4mm T piece and connect a small length of 4mm vacuum hose as shown below.
9. Plug in the wiring harness extension into the new solenoid and into the electrical plug removed from the stock dump valve.



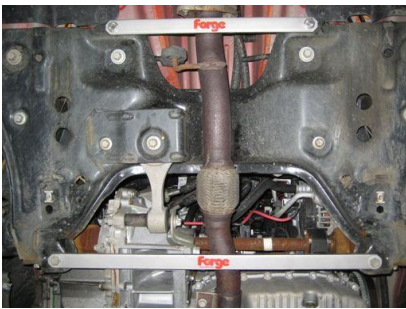
10. Connect another short length of 4mm silicon vacuum hose from the solenoid to the dump valve.



11. Using the zip ties supplied secure all of the installed vacuum hoses and trim off excess refit the air filter and engine cover. Installation is complete!



You may also be interested in these other Forge products for the Fiat Punto, available from your nearest Forge dealer:



Underbody braces (improves chassis stiffness)
Intercooler (adds horse power and torque)
Actuator (fully adjustable for high horse power)
Air induction (adds horse power and torque)
Braded brake lines (improves efficiency and strength)



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