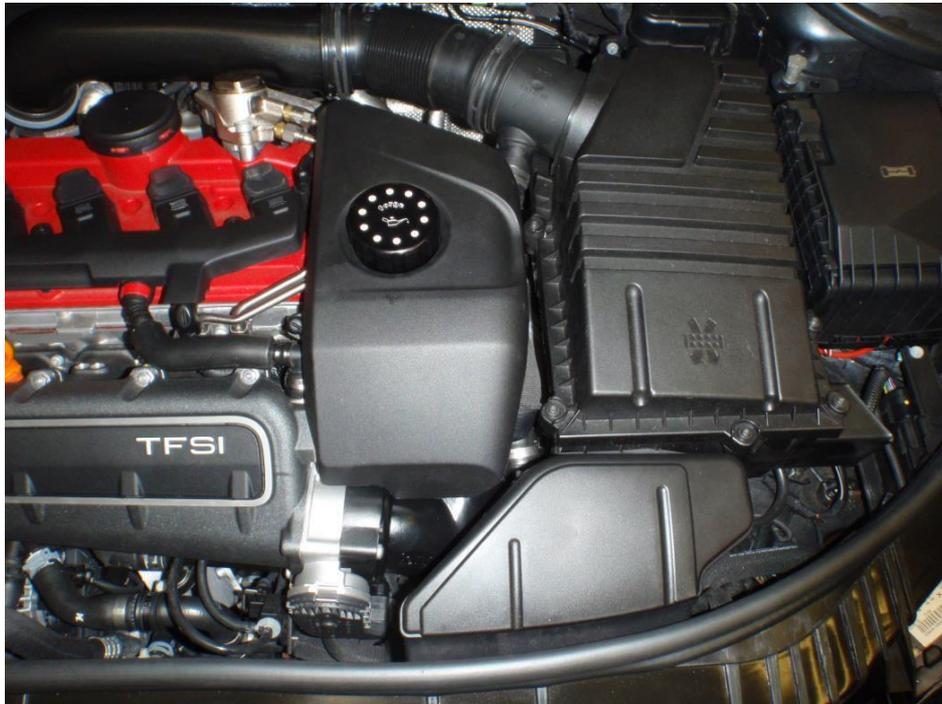




Audi RS3 and TTRS High Flow Dump Valve and Inlet Pipe Installation



Tools Required:

Flat headed screw driver

T25 Torx driver

T30 Torx driver

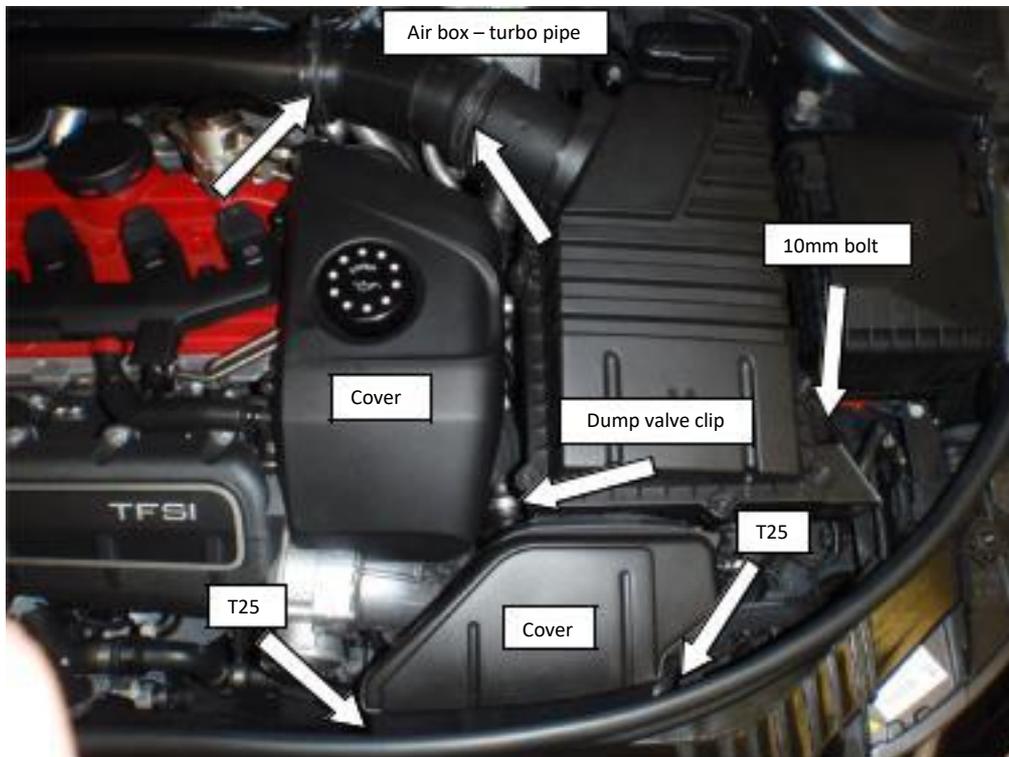
T30 socket, matching ratchet and long extension

7mm hose clamp driver

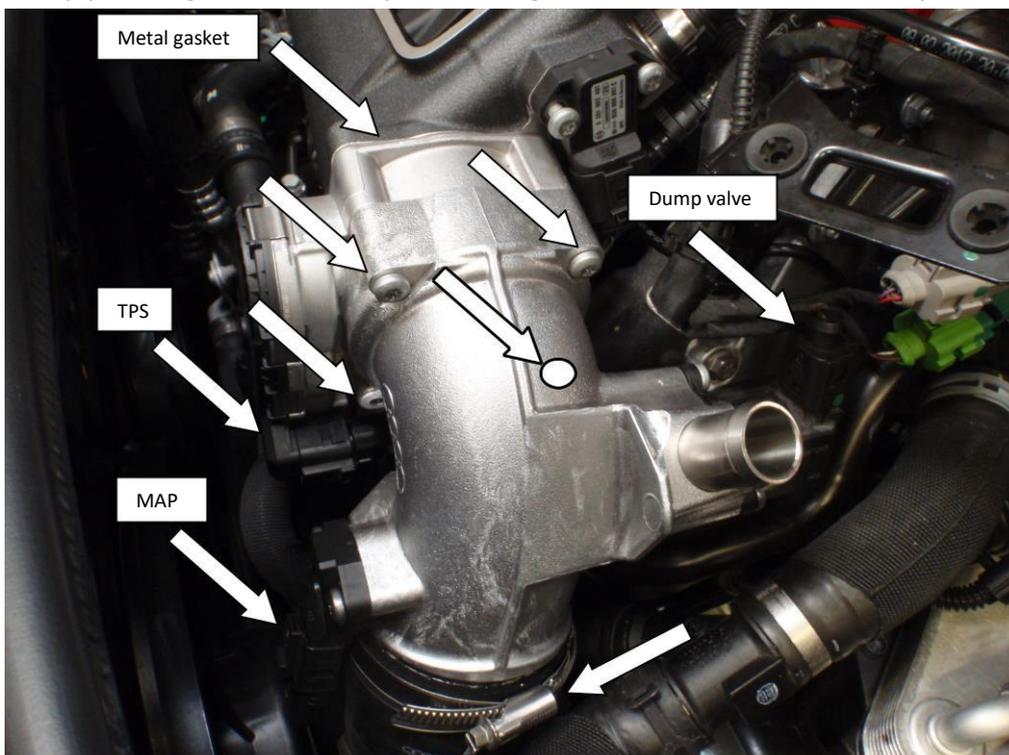
5mm Allen key

3mm Allen key

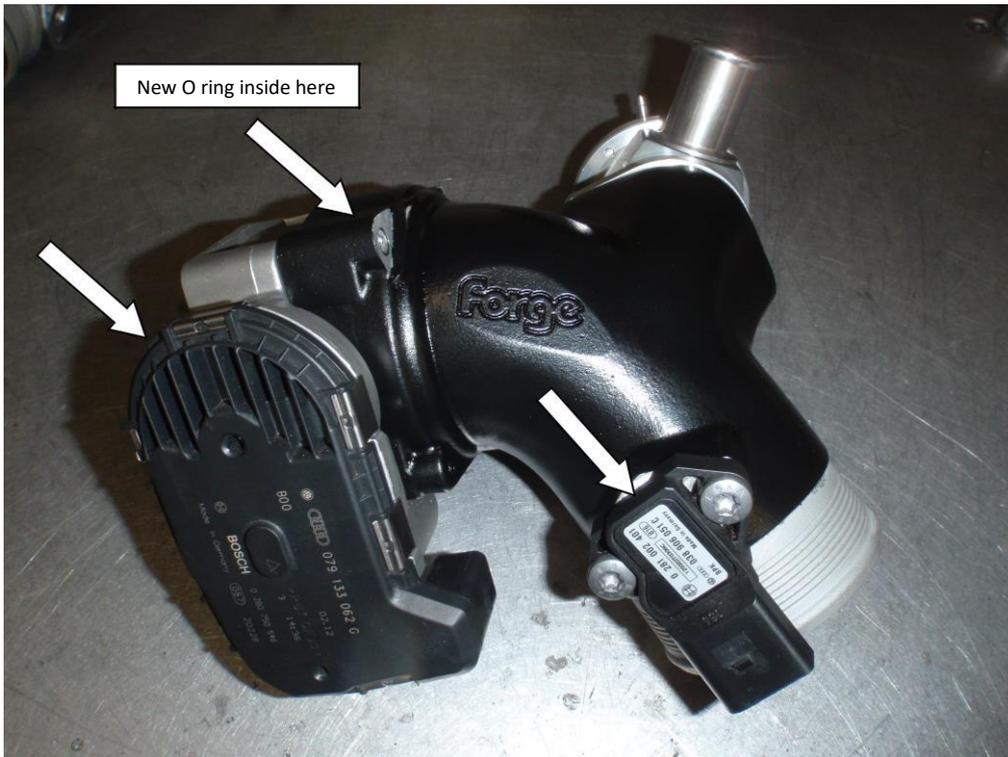
1. Remove the small plastic covers around the oil filler and cold air feed on the intake. Remove the two clips holding the hose between the air box and turbo inlet, and the one clip on the standard dump valve. Undo the T25 torx on the cold air feed and undo the 10mm bolt on the filter box. Pull air filter box upwards to release from the rubber grommets.



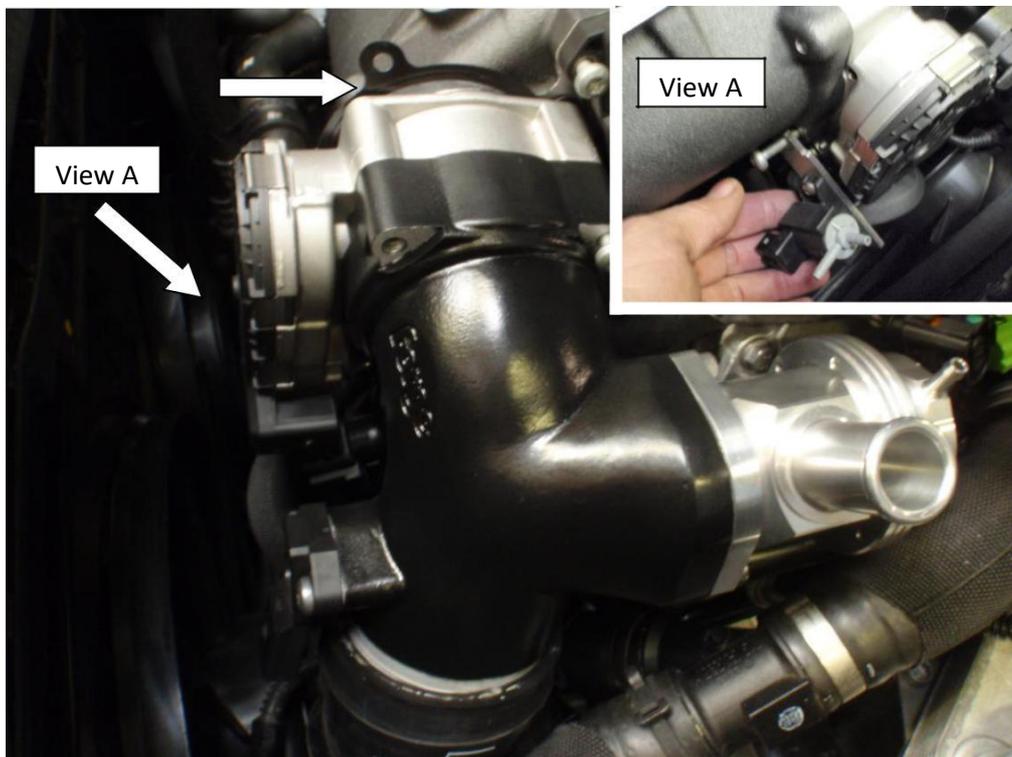
2. Unplug the MAP sensor, TPS sensor and stock dump valve, undo the jubilee clip and the four T30 torx bolts holding the inlet pipe and throttle body to the inlet manifold. Remove the inlet pipe taking care not to drop the metal gasket between the throttle body and inlet.



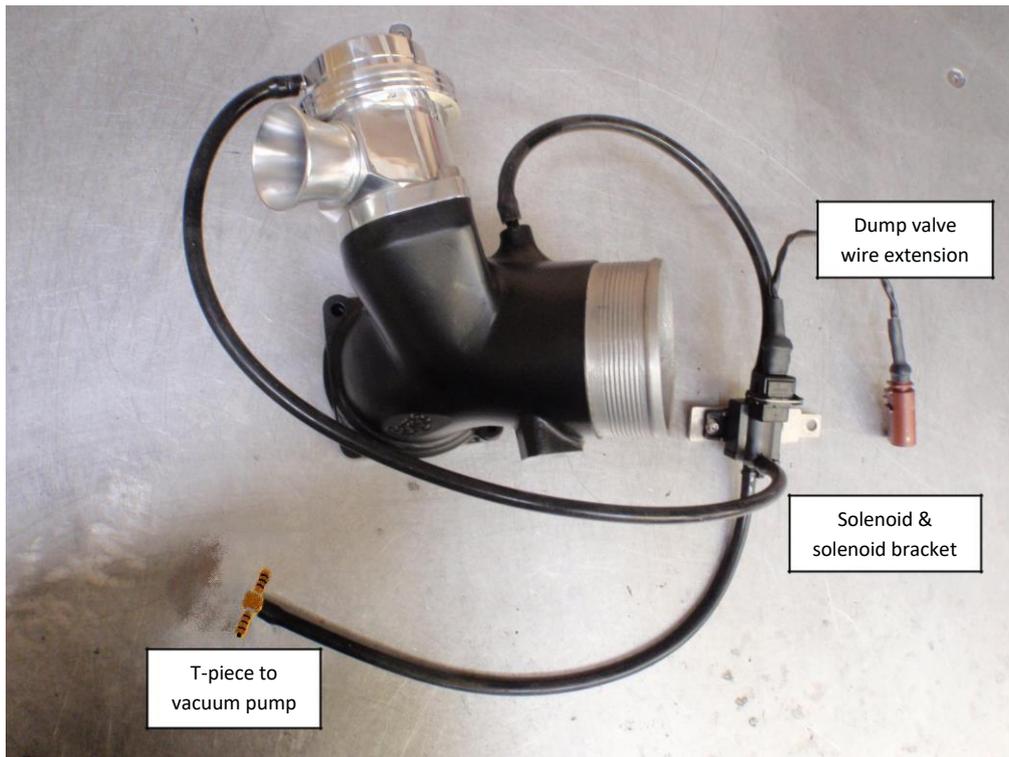
3. Attach the throttle body with the new o ring supplied in the kit. Also attach the MAP sensor with the existing bolts.



4. Refit the high flow inlet pipe with dump valve in reverse order of step 2. Take care when refitting the metal gasket and bolt on the solenoid as shown in view A.

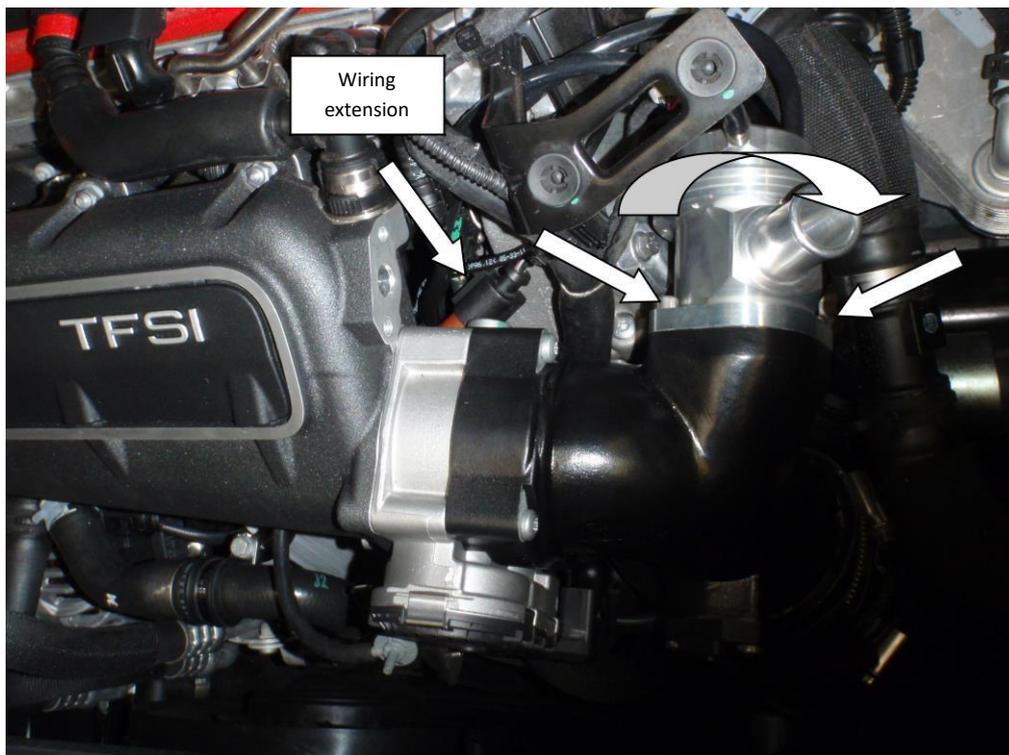


5. This photo shows the how to connect the vacuum pipe assembly.



6. If there are any clearance issues when the high flow inlet and dump valve is fitted. Remove the dump valve with a 5mm Allen key, on the base of the flange you will see two small bolts undo with a 3mm Allen key. Rotate to the appropriate position and reattach dump valve.

Push the dump valve plug under the oil filler cover bracket and wires. Connect to the solenoid by plugging into the wiring extension.



7. The Vacuum pump is located just above the gear box behind the gear box oil cooler. Cut through the small rubber pipe and install the T-piece supplied in the Kit.



8. Forge highly recommend venting to atmosphere as this valve has a bigger bore for releasing the boost pressure. However, you can install this valve recirculating if you wish. Follow step one in reverse order and your installation is now complete.



You may also be interested in these other Forge products for the Audi RS3, available from your nearest Forge dealer:



Intercooler (adds horse power and torque)

Silicon hoses (longer life and durability)

Braided brake lines (improves efficiency and strength)



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