



## AUDI A1 1.4 TSI DUMP VALVE INSTALLATION



\*\*\* These Instructions are for both Atmospheric and Recirculation valves\*\*\*

### Tools Required

T25 Torx driver

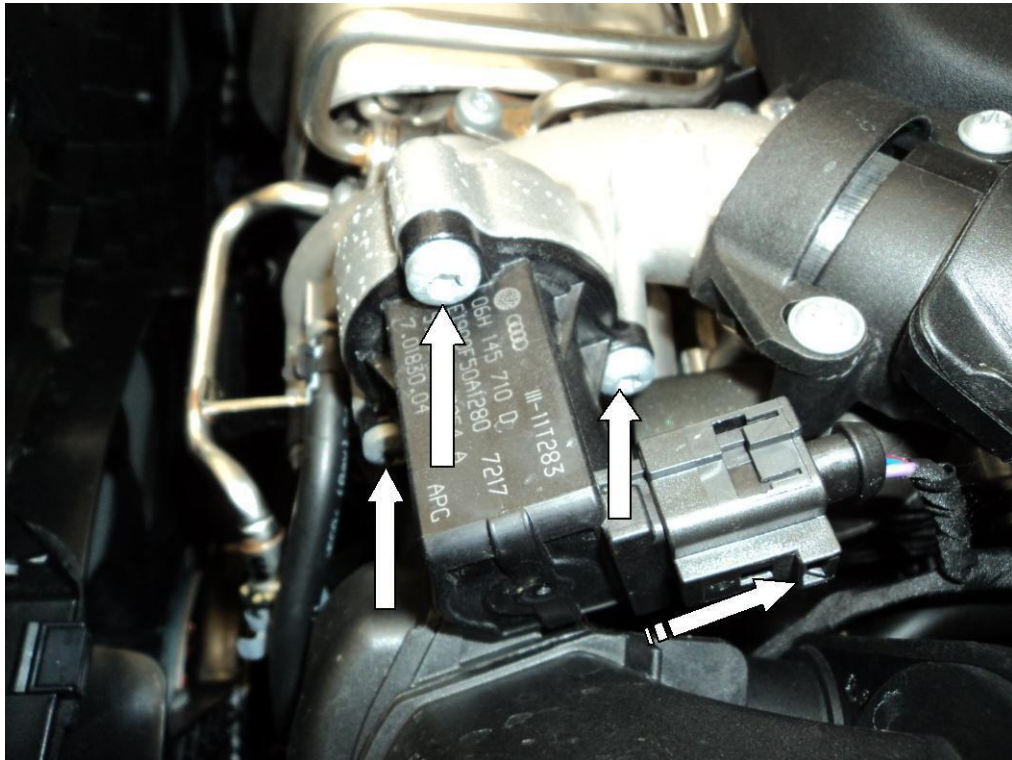
T20 Torx driver

T30 Torx driver

Phillips head screwdriver

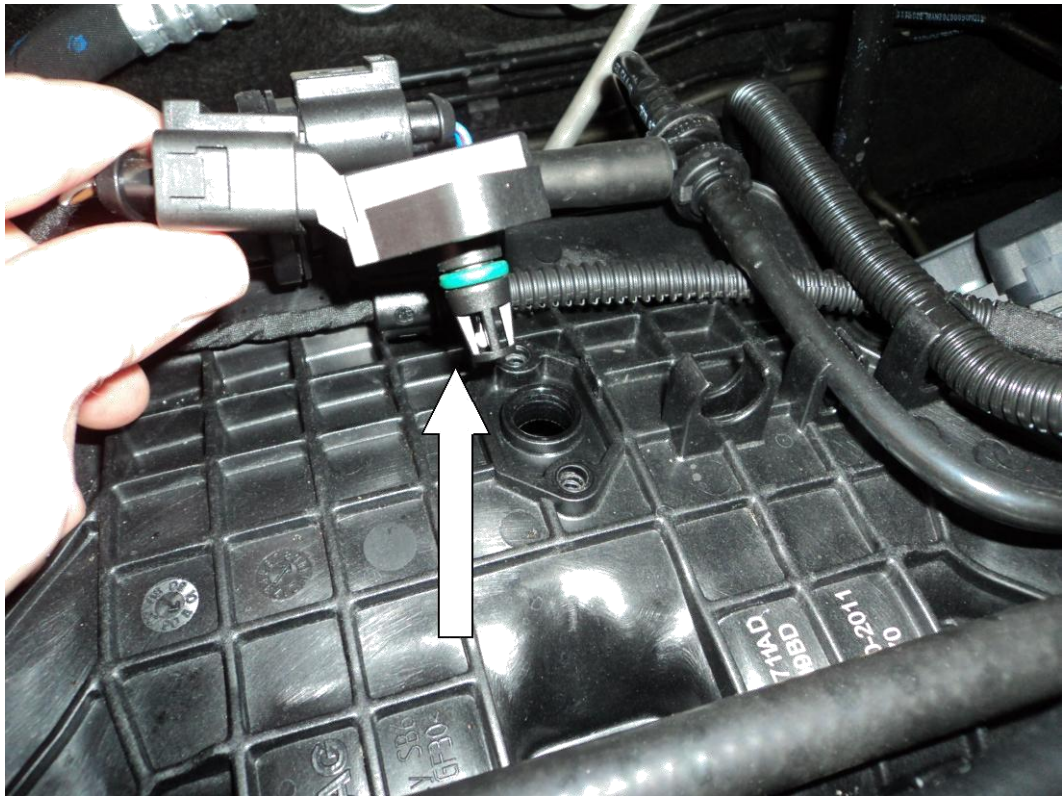
3mm Allen key

1. First of all, you will need to undo the connector that clips into the OEM valve. To do this, simply pull back on the clip and you will hear a click. Next, pull the clip apart to remove. Using a T30 torx drive, undo the three T30 bolts holding the OEM valve to the turbo and then remove.



2. At the rear of the engine, on top of the inlet manifold, you will find the map sensor. Undo the two T20 Torx bolts and pull upwards on the sensor, removing it (leave the plug connected).



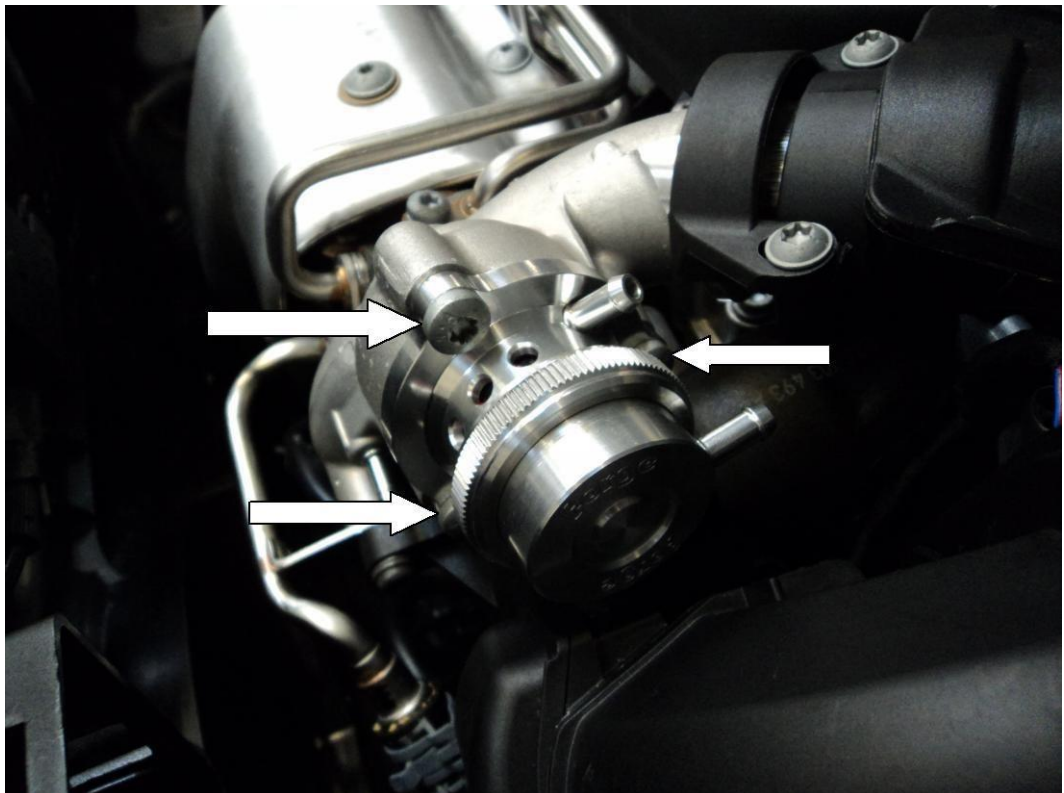


3. Push the new Forge aluminium vacuum take off block onto the bottom of the sensor, (this can be a tight fit), making sure the vacuum take off pipe is facing to the left. Refit this back into the inlet manifold using the Phillip's headed self-tapping screws provided.





4. Fit the new Forge valve onto the turbo with the existing T30 torx bolts where the OEM valve was situated. Make sure the orientation of the vacuum take off pipes are the same as in the picture below.

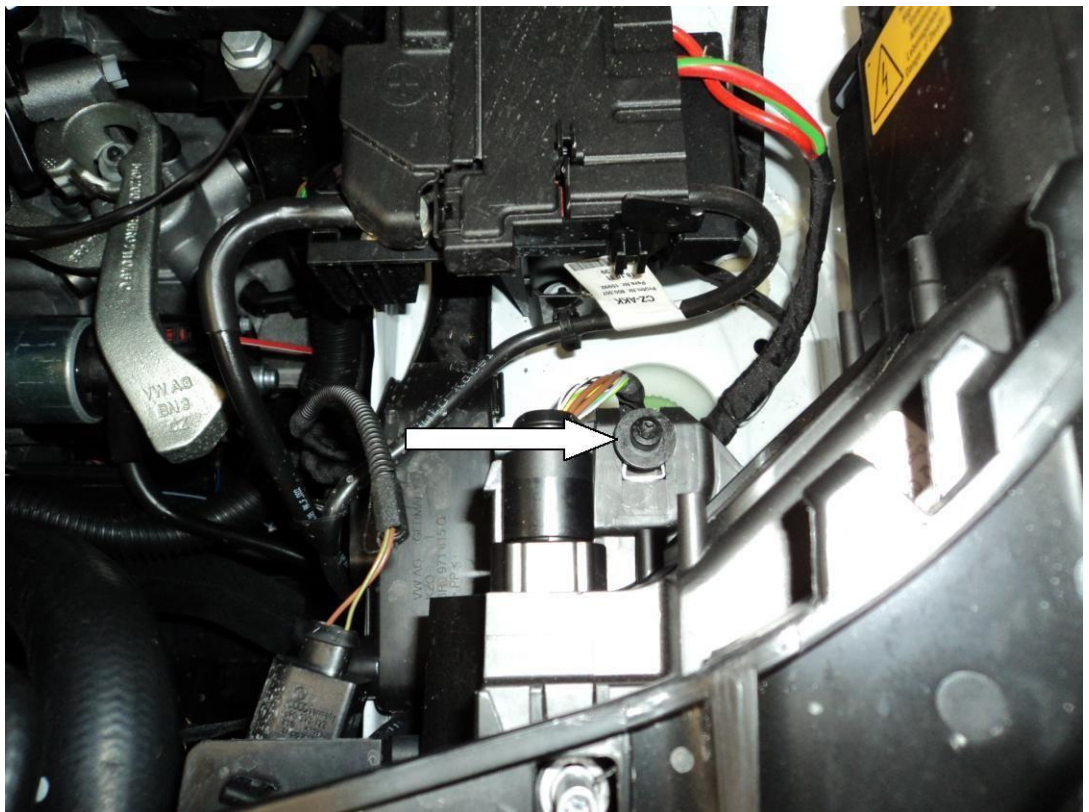


- Using the plug you removed from the OEM valve, place this into the brown end of the wiring loom provided, making sure it clicks together.

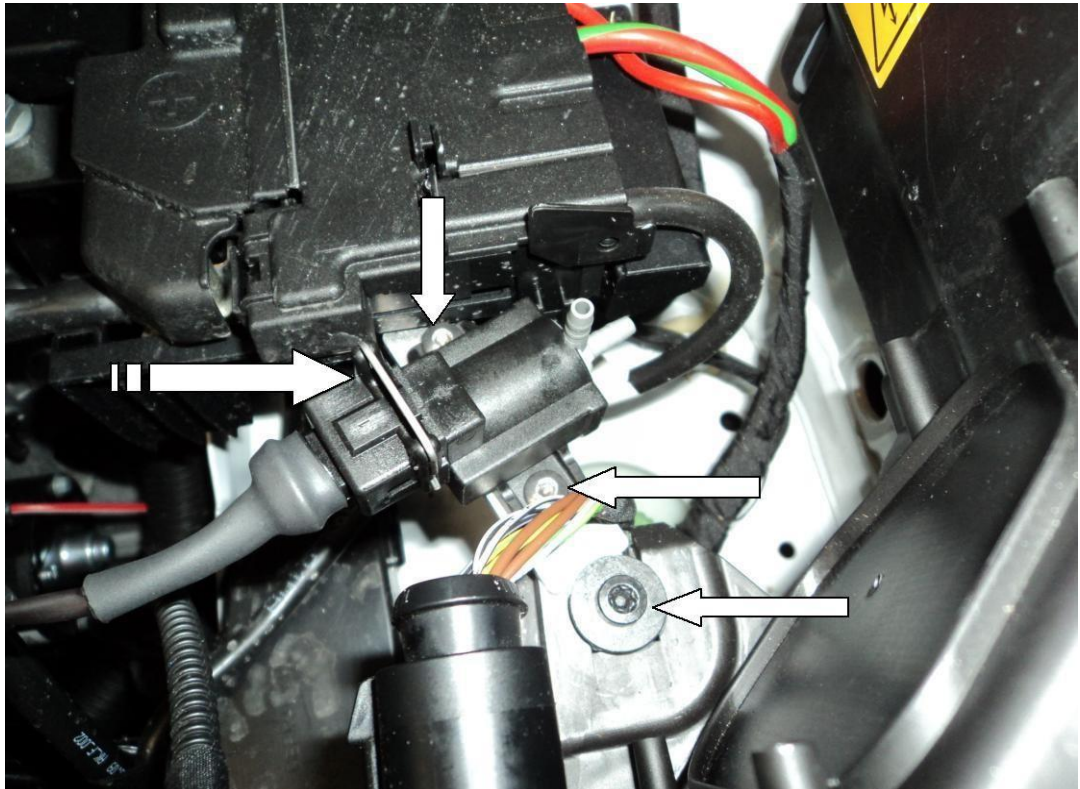


For this installation, we have used one of the bolts holding the headlight in, to mount our solenoid. You may have your own desired place for this.

- Undo the T30 torx bolt situated on the passenger side headlight bracket.

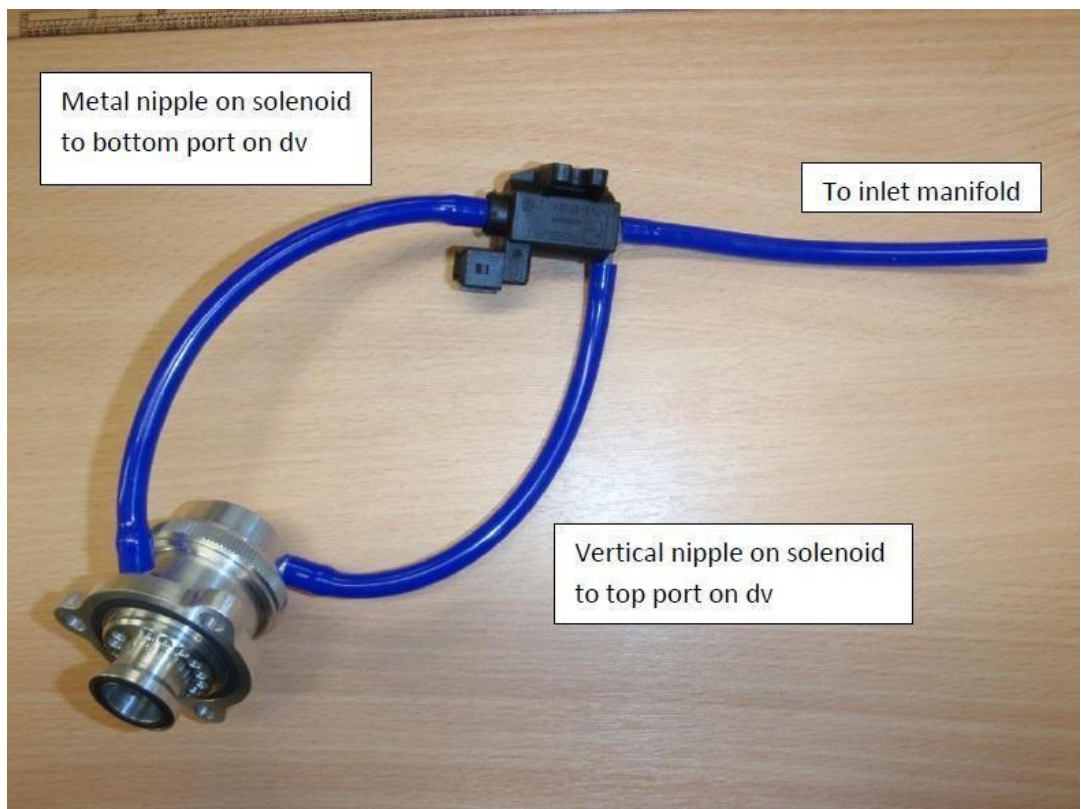


- Using the bracket, solenoid, and the two 3mm Allen key bolts provided, place the solenoid onto the bracket and screw down, making sure the orientation is correct as seen in the picture below. Once this is done, connect the other end of the wiring loom onto the solenoid. Next, bolt down the bracket using the T30 Torx bolt removed from the headlight bracket previously.



- You will now need to fit the vacuum hose between the valve and solenoid.

**\*\*\*Please follow this diagram below\*\*\***





Installation is now complete. Thank you for using Forge Motorsport products



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