



S T R A T M O S P H E R E

We have a passion for cars

Installation instructions for Stratmosphere [Forge Valve](#)

Bob and I appreciate your purchase of your Forge Valve from Stratmosphere. Please read these instructions prior to installation so that you can enjoy a simple and quick installation of your new valve! -Pete

What's included with your package:

- One Forge dump/bypass/diverter valve (serviceable)
- Two medium sized hose clamps
- One small hose clamp

Tools required for your installation:

- A medium sized flat-blade screwdriver
- Regular or needlenose pliers
- A bit of motor oil or vegetable oil

Notes about this document:

- Shown is the replacement of a 2001 Audi TT 225hp model. Most of what is shown here is applicable to other 1.8T models.

Step 1- Remove motor cover (Audi TT)

Two tough tasks on this step. Let's remove your cover if you have a TT (figure 1). Just twist the two screws 90 degrees counterclockwise. Then lift up the cover (figure 2). The cover fits onto two tabs in the back section of the motor.

Figure 1**Figure 2**

Step 2- Remove hoses from OEM valve

The clamps for the top “nipple” and the side large nipple are attached with single-use clamps (figure 3). You will have to use needle-nose or regular pliers to remove the single-use clamps. Hopefully these images help you see what must be done. In figure 4 you can see where the OEM diverter valve is located.

Figure 3**Figure 4**

Take note of the locations of the clamps. You can see the side hose location in *figure 5* and the bottom hose location in *figure 6*. The bottom clamp is the adjustable type so that you can just loosen with a screwdriver. Again, the side clamp you will have to use pliers and a screwdriver to get loose. After the clamps are loose, remove the top hose from the small nipple. Second remove the side nipple from the side hose. Take care with this. It may be a bit stuck but wiggle with patience. Lastly pull up and wiggle to get the OEM valve out of the bottom hose. **DO NOT DROP ANY ITEMS INTO YOUR OPEN HOSES!**

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Figure 5



Figure 6



Step 3- Install your gleaming Forge valve!

First take some motor oil or vegetable oil and lightly coat the nipples of the Forge valve. This will help you to install the valve more easily. The forge valve installs in the OEM configuration, not upside down! Take the new clamps and place them over the OEM hoses. Open the clamps up enough to fit loosely on the hoses. First slide the bottom nipple of the Forge valve into the bottom hose, tighten the clamp snug (not too much!) (figure 7).

Figure 7



Figure 8



Then slide the side nipple into the side hose, and tighten (figure 8). Lastly install the small hose onto the top nipple (figure 9). The finished product (on the TT) is shown in figure 10.

Figure 9



Figure 10



You are now all done. Some people feel that the ECU/ECM needs to be reset after the Forge installation. We have not found this to necessarily true. If you have questions about this issue, feel free to call us at 716-533-1777. A "reset" basically takes your ECU/ECM to the initial more aggressive settings. We have done our testing with and without reset and see no real benefit to this process.