



How to: Golf Tee Mod

This is a little DIY on how to do this mod. It's relatively straight forward. It takes about 5 minutes to do, and can be put back to standard easily. It also does not throw any fault codes on the ECU.

You will need the following to do this mod:

- Golf Tee (no specific brand, I just used a simple white plastic one – for longevity)
- Cable Tie
- Piece of 5mm clear hose, or something similar

These are the basic materials. You also need to be pretty flexible to be able to get underneath the car. Then in terms of tools, you'll need a scissors or side cutter to cut the cable tie and plastic tube.

The procedure:

1. **Here are my raw materials. As you can see, I've already cut my plastic tube, and attached the cable tie. (for the purposes of this how-to, I put my car back to standard, then did the mod again):**



2. **Here is a picture of the flap in the exhaust pipe. As you can see, it is open. The flap will remain open at idle, or when accelerating at more than approx. 15% throttle. The flap closes on the overrun, or when cruising with light throttle inputs on the highway:**



3. This picture shows the solenoid on the exhaust pipe, with the vacuum hose attached to it. This solenoid opens and closes based on the actuator which is found in the boot on the left-hand side of the car. You can also see the rubber mounting which the exhaust bracket fits into:



4. Now unplug the vacuum hose off the actuator, give it a bit of a tug if it's sticky, but be careful not to sever the hose. Here is a pic of the hose unplugged:



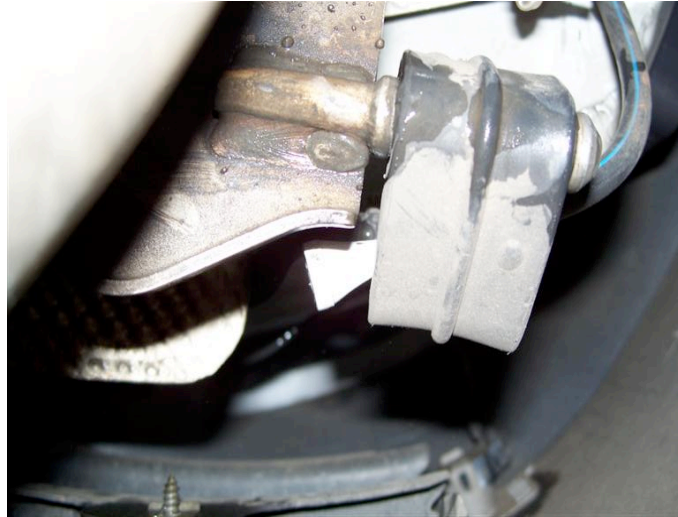
5. Now cut a piece of the clear plastic tube, about 4cm long. You are going to use this to plug over the actuator where the vacuum hose came off. This is to prevent dust and dirt making its way into the actuator. Push the piece of plastic tube over the actuator, then bend it in half, and secure it with a cable tie. See the picture below:



6. Now, plug the golf tee into the vacuum hose to prevent dirt and dust making its way up the vacuum hose:



- 7. Lastly, what I found to work quite well is to tuck the vacuum hose + golf tee into the rubber mounting of the exhaust bracket. It fits in nicely and doesn't rattle around underneath the car:**



- 8. And that's all there is to it. Now this flap will remain open, giving you a bit of a deeper tone from the stock exhaust. It does not get boomy or intrusive, and offers a more sporty sound.**