

This is based on a D8 V6, the thermostat opens at 82oC according to Autodata. Other engines may differ.

I had to replace my radiator earlier this week, so after a few days of checking the level & that there's no air in the system, I found the top radiator hose would be very hot but the lower one was just cool. As the thermostat is located on the lower housing with the bottom hose, I wasn't sure if it was stuck closed. My fans always kick in at 80oC, as the thermostat opens at 82oC I'm assuming the fans were cooling the system enough so the stat didn't need to open, but I wanted to test it anyway.

Quite simple, most of you will say "I know that" 🙄 , but for those who are unsure then it's easy to do.

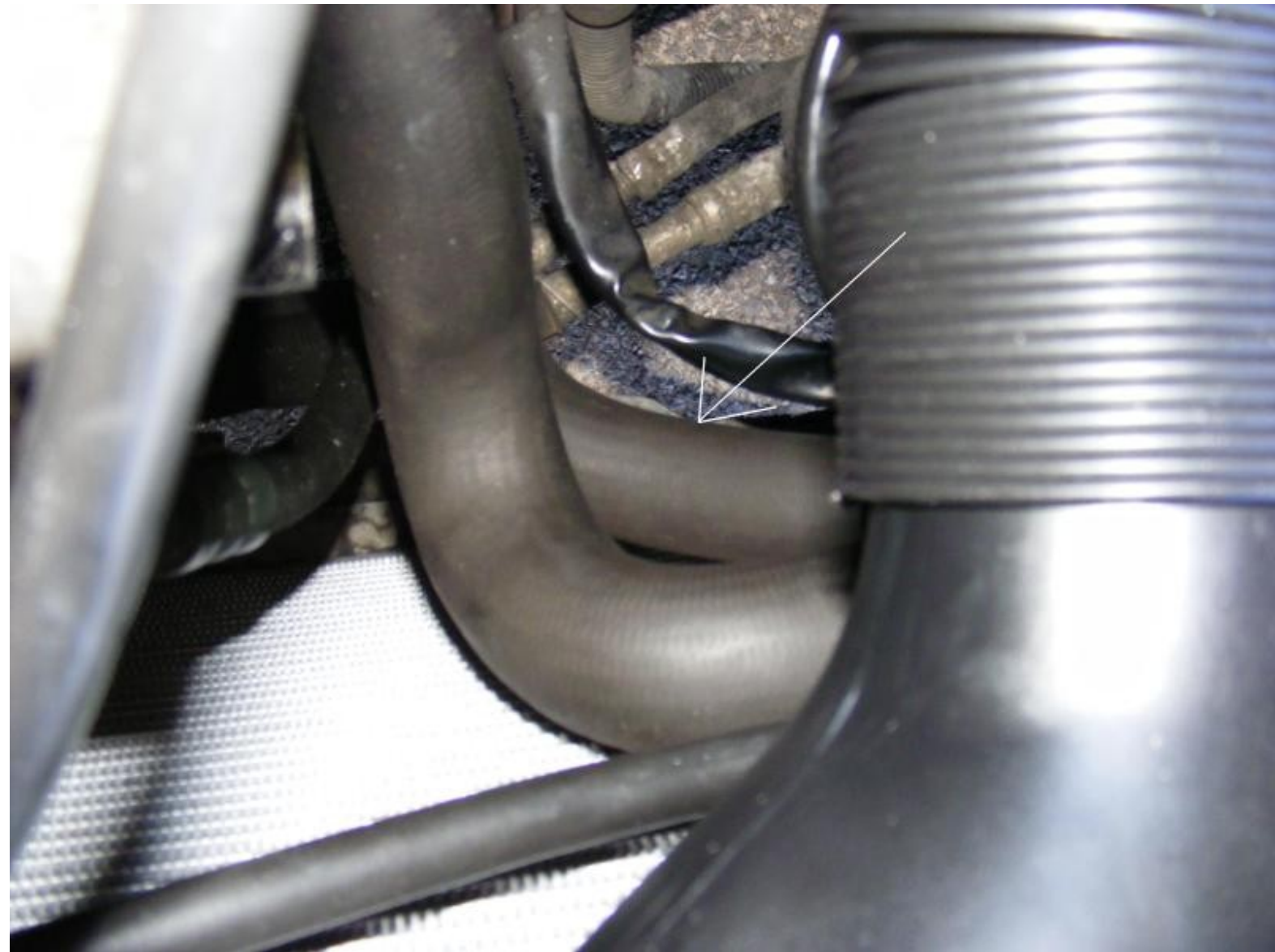
I prefer to do this with a cold / slightly warm engine, reason being is the surrounding heat in the engine can make this hose appear hot when infact the coolant inside could be cool as the stat might not have opened.

Open the bonnet & locate the small 'Maxi' fuse box directly to the right of the battery (not the larger one above the battery). Inside the large box above the battery is an orange fuse removal tool, I found it useless as it kept slipping off them, so I tried a knife, no good then finally a pair of scissors to gently ease them out. Now fiddle with the lid to get it off, it takes a bit of wiggling around. Do check your handbook first that you're looking at the right fuses for both of the front fans. Here's mine, I removed the upper 2 x 40amp fuses, 1 each for the left & right fan:



Now as above, on a warm / cold engine start the car & get the temp up. Some members say their coupe fans come on at 90oC, so get the car upto that on a high idle & keep feeling the bottom hose, it will go from cool to hot all of a sudden.

Now you know the stat in your car works. The bottom hose is here:



Reason I removed the 2 fuses instead of the brown or blue temp sensor (can't remember which did what) was I didn't want to risk the EML light coming on 🙄 . Once you've done the test, turn the engine off, replace the 2 fuses & fiddle around putting the top back on the fuse box, it has a groove down the edge that you line up with the back side of the fuse box. Now run the engine again so the fans can run for a while to cool things down a bit.

If your stat is faulty, you can see the [Thermostat how to guide here](#) on replacing it, also don't forget the [Radiator how to guide](#) should you need that.