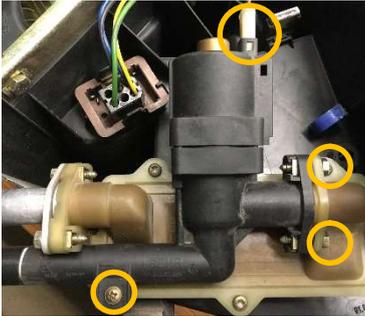


## Repair instructions E30 heating valve

Often there are leaks in the heating valve / water valve of the BMW E30 heating system heat exchanger. This can lead to water getting into the interior. The reason for this is the wear and tear of the seal on the two housing parts of the valve or the seal between the valve and the heating system heat exchanger. These instructions use the example of an E30 water valve (without air conditioning) to describe how to replace these seals. The valve for the variant with air conditioning has an identical structure in this area. The same procedure can be used here.

In individual cases it can happen that the coil of the valve has been destroyed by the ingress of water. Such a valve can no longer be used and a "new" used one should be looked for. (New original part price is approx. 200 €) When using second hand heating valves of this type, it is always advisable to renew the seals.



**1.** Remove the heating valve: To do this, pull the water hose off the heating valve (squeeze the hose so that no water runs out). Then unscrew the valve from the heating system heat exchanger. (3 screws) Remove the plug at the top and the valve can be removed from the heat exchanger.

**2.** Drill out the heads of the four rivets on the upper part of the housing. (3mm drill) and slide it out downwards.



**3.** Take off the upper part of the housing including the coil and remove the old seal. Check the coil for corrosion. Replace if necessary.

**4.** Clean the sealing surface for the large seal and insert the new seal.

**5.** Carefully screw both housing parts together with the screws and nuts provided.

Danger! First tighten all four screws slightly and then tighten them one after the other. Do not overtighten, otherwise there is a risk of damaging the housing. **6.** Dichtfläche für kleinen O-Ring reinigen und neuen O-Ring einlegen.

**7.** The heating valve can now be reinstalled. All points from 1. in reverse order.

*After replacing the seals, the heating valve should be tight again. However, we do not guarantee the tightness or the function of the heating valve.*



Please note: The repair kit was only tested on the heating valve with the supplier part number 90.944.04.009 Please check the part number on the heating valve housing before dismantling. Other valves may differ from the internal structure.