

Truma Combi D Maintenance

Prevention of combustion chamber sooting.

There are ways to protect the burner of the Combi Diesel from soiling and sooting.

In contrast to the Combi Gas, which burns almost residue-free, residues can form and settle on the Combi Diesel during use. This happens mainly in part-load operation.

Part-load operation means a permanently low power level that is mainly used to maintain the temperature.

The reason for the formation of residues is the low combustion chamber temperature that exists in 2kW operation. Unburnt fuel from diesel injection is then deposited as soot particles on the components of the combustion chamber.

The next time the engine is started, this residue burns off. You can see this by the smoke developing on the outside of the chimney. If the Combi D runs only at partial load over a long period of time, coking can occur on the components of the combustion chamber -> the heating system stops working.

This can be compared to the short-distance operation of a diesel car. If the engine does not heat up properly, this is also harmful in the long run.

Just as you drive a diesel car on the motorway to burn out the engine, with the Combi D it is also necessary to keep the combustion chamber active for a longer period.

You can achieve this by setting the Combi to 30°C in heating mode with the windows and doors open. In this mode, simply let it run for over an hour. The Combi then runs at maximum output. Due to the high temperature, any residues in the flame tube and in the combustion chamber are dissolved and burnt off.

Alternatively you can activate the hot water heating to Hot/60°C. As soon as you see on the control panel that the temperature has been reached, drain the hot water completely from the boiler. Cold water flows in and the heating system is forced to restart the burner immediately. Repeat this procedure until an hour has passed.

If the heater is only needed for a holiday trip of 2 weeks, please carry out the procedure at the end of the holiday. If the heater is used more or less often, simply adjust the interval accordingly.