

## Issue no. 5/2014: KL 82 – strange noises after replacing the filter?

We frequently receive enquiries from our customers who notice a strange phenomenon after replacing the KL 82 filter: a humming noise coming from the area of the filter element.

This is usually due to excessive air in the system—the fuel pressure regulator, which is integrated in the housing, becomes noticeable acoustically, particularly with the KL 82. In order to prevent the air from penetrating, the following should be observed when replacing the filter:

1. Before you start removing the filter, please remember to wear the appropriate protective clothing (safety goggles, gloves, etc.) when working on the fuel system.
2. In order to reduce any residual pressure in the tank, first briefly open the tank cap.
3. Before removing the lines, shut all connections on the line filter using suitable tools (Fig. 1). This prevents fuel from escaping and the lines from emptying—and thus additional air from penetrating the fuel lines.
4. During installation, pay close attention to the flow direction (Fig. 2) printed on the filter. Equally important: do not interchange the fuel lines and always replace damaged hoses and clamps.
5. After the filter replacement, check all connections and fittings for leaks and tightness.

If disturbing noises persist despite following the correct filter replacement procedure, this can also be due to a defect in the fuel delivery. To locate the fault, we recommend that you check the fuel pump, the tank ventilation, and the prefilter.

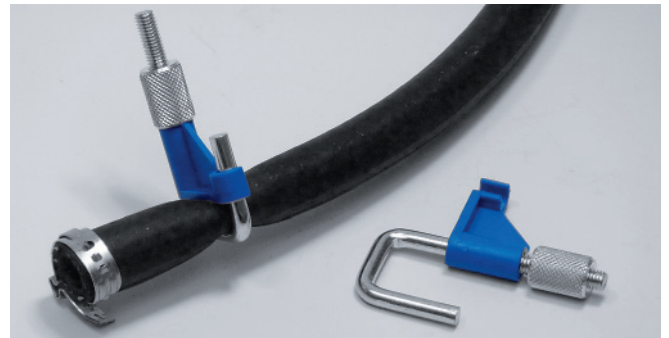


Figure 1: Hose clamps

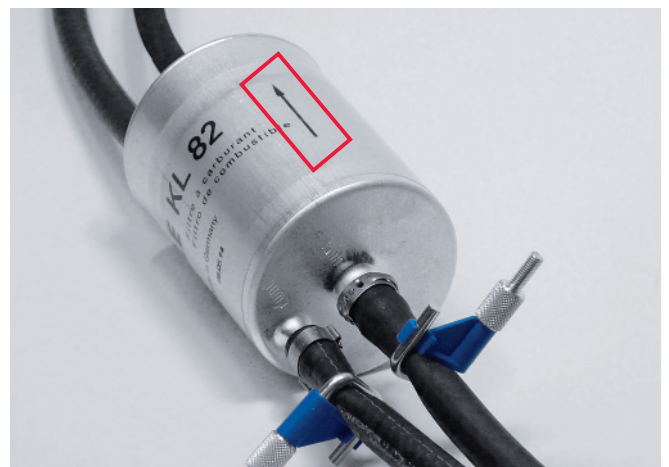


Figure 2: Shut the fuel lines to prevent them from emptying