

HOW TO FIND FAILURES AT THE HEATER BN 4

The functional test can be carried out with the aggregate installed in the car.

Deficiency	Cause	Corrective Measures
Fan does not operate	Electric current interrupted	Check main fuses and relays
No fuel supplied	Safety switch has interrupted the fuel supply after 2-3.5 minutes of preheating	Press red lever to reset safety switch. If necessary wait 2 minutes for cooling down of heater resistor, so that switch can be reingaged
	Safety switch improperly adjusted	Check safety switches and adjust (see S TRA 34)
	Magnetic valve at the pressure governor does not open, coil faulty	Remove coil and replace by new one, see S TRA 33
Fuel supply interrupted	Fuel pump sticks	Clean breaker points and readjust, see S TRA 31
	Fuel line or filter leaking, fuel pump receives air	Check connections of fuel lines, especially gasket of filter inspection glass
	Filter clogged	Clean, arrow must correspond to flow direction to prevent internal clogging
	Hair filter at pressure control clogged	Remove pump pressure tube at the pressure control and clean hair filter with compressed air
	Control switch damaged	Check connections and function, see S TRA 35
	Safety switch damaged	Check contacts, see S TRA 35
	Pump has no output supply, noisy	Open fuel cock, pump receives air, relief valve on the pressure side of the pump is dry and sticks - remove pump pressure line and moisten with a few drops of fuel