

## Nozzle Block Preheater for Thermo Heaters - Installation Notes for Heating Element Retrofit -

**Spheros spare parts kit to be used:  
86711B – Retrofit bag heating element**

Bag content:

- Heating element with thermostat
- Shield assy
- Retaining clamp
- Serrated lock washer
- Nut

### Step 1:

Remove installed  
shield

Further use delivered  
shield



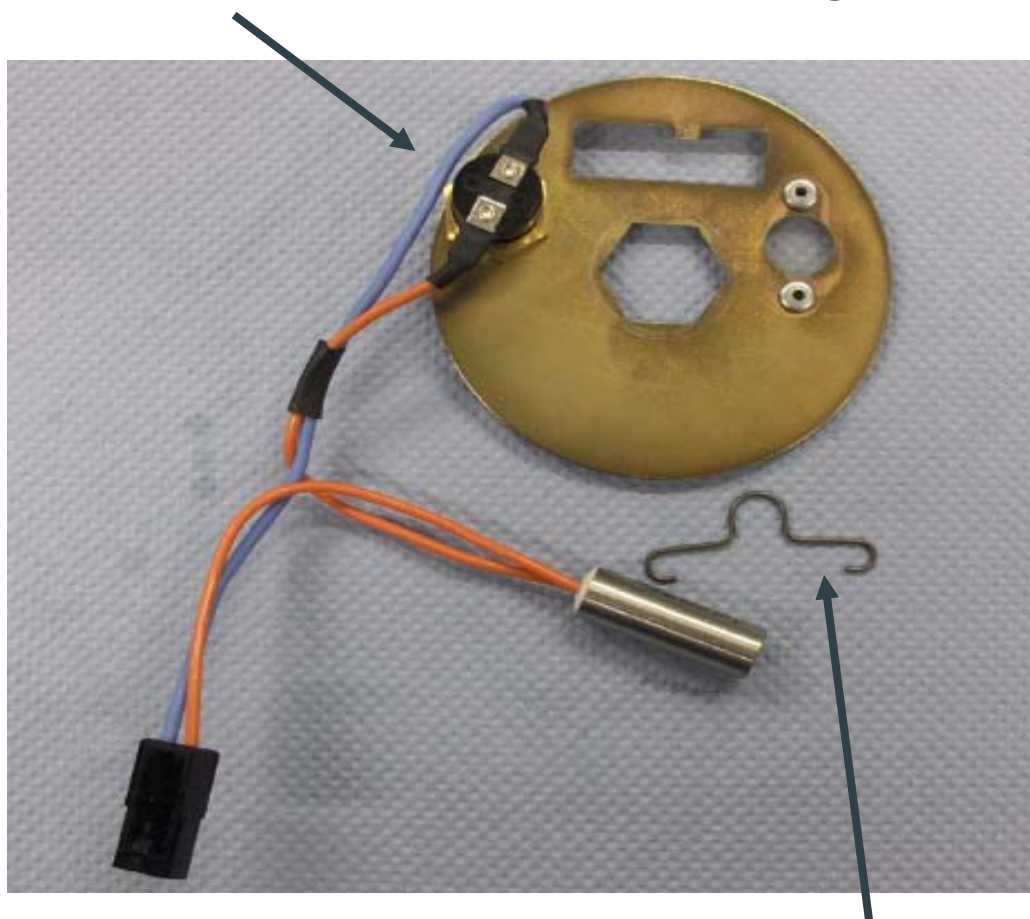
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### Step 2:

Shield pre-assembly:

**Position thermostat into the shield;**

**Install serrated lock washer and hand-tighten the nut.**



**For retaining clamp installation,  
refer to step 3.**

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### Step 3:

#### Substep 2:

Secure the heating element with the retaining clamp

#### Substep 1:

Insert the heating element



#### Substep 3:

Remove dummy connector; plug in the new connector

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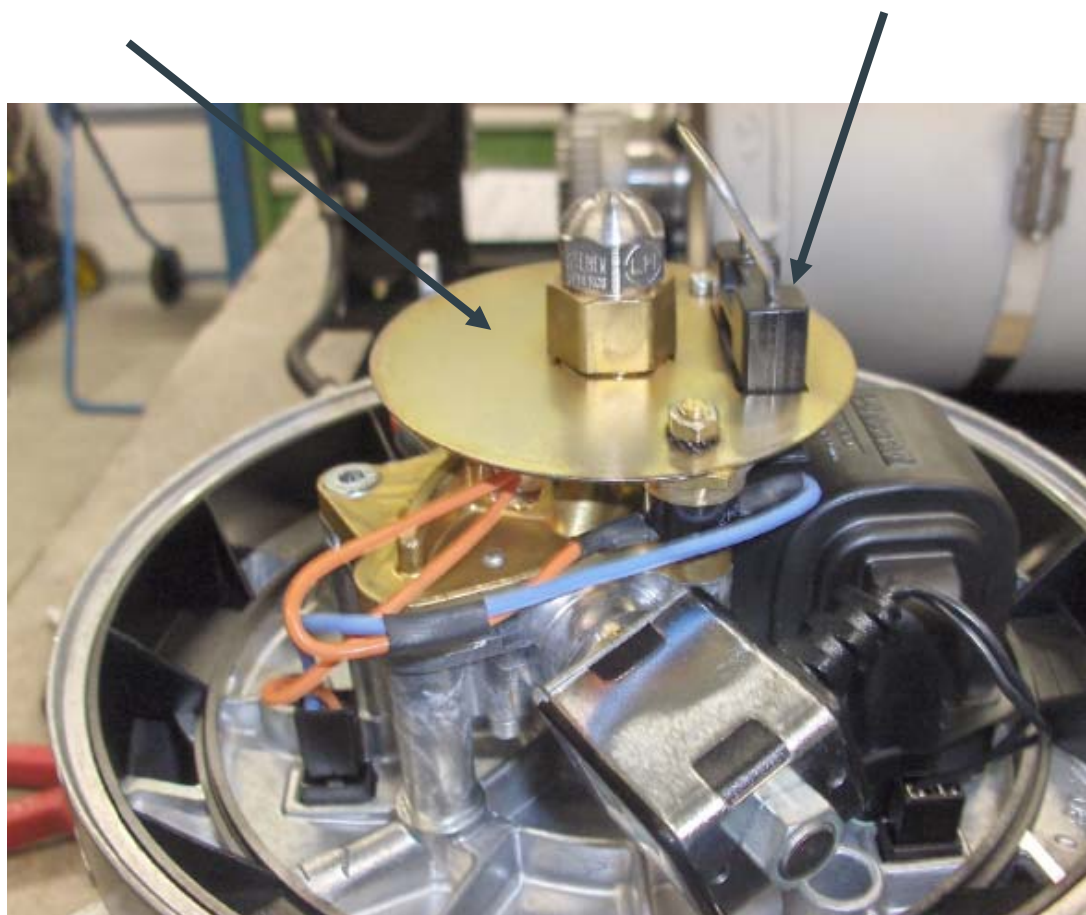
### Step 4:

#### Substep 1:

Place the pre-assembled shield onto the burner head and align it so the ignition electrodes can be plugged in.

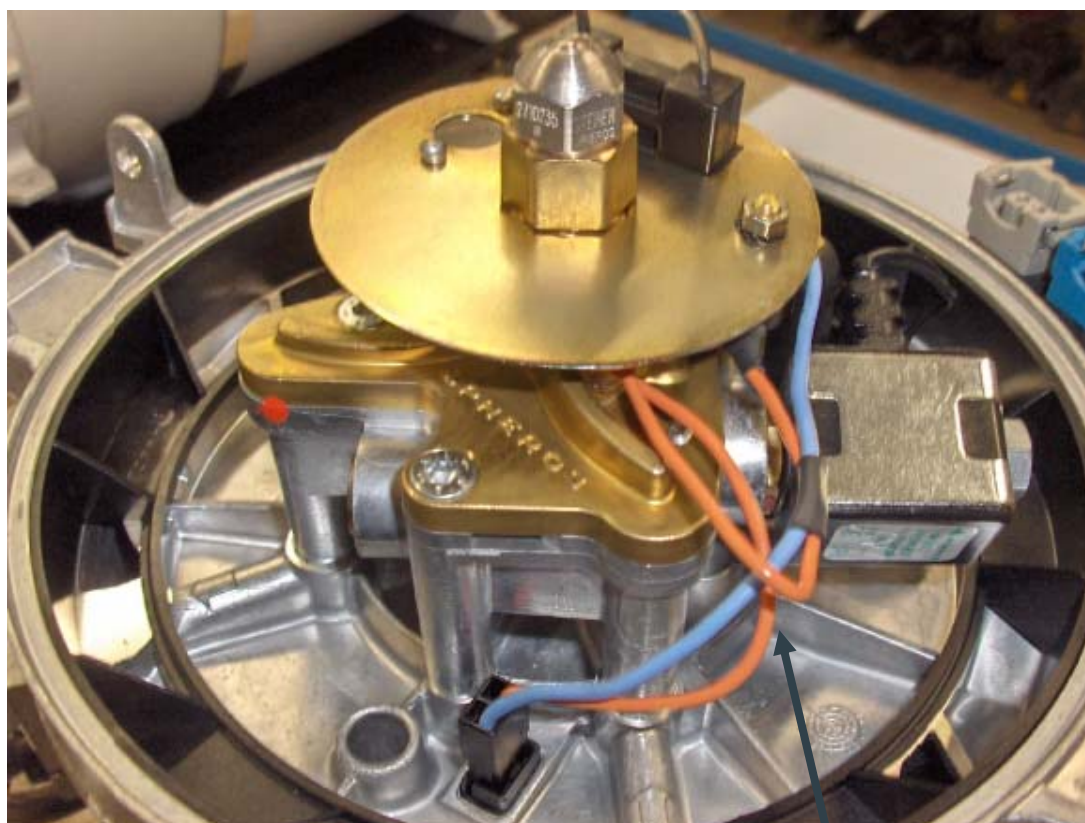
#### Substep 2:

Install ignition electrodes



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**Final result: Thermo heater with retrofitted heating element**



**Route cables as shown above**

### **Attention:**

**Please consider during all other activities done at the heater in regard to this retrofit the instructions given in the workshop manual.**