# Agilent G6600-60617 Upgrade Kit

**Table 1** Upgrade kit supplies

<table>
<thead>
<tr>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Screw, T20, M4x8mm</td>
<td>1</td>
</tr>
<tr>
<td>Clamp-cable 1/4-in diameter, .375-WD STL</td>
<td>1</td>
</tr>
<tr>
<td>Screw-MACH 4-40 1/2-in pan head, Pozidriv</td>
<td>3</td>
</tr>
<tr>
<td>Screw 4-40, 6 1/4-in, pan head, Pozidriv</td>
<td>3</td>
</tr>
<tr>
<td>Nutwarmer Kit</td>
<td>1</td>
</tr>
<tr>
<td>Insulation, XCD Base Burner for 7890</td>
<td>1</td>
</tr>
<tr>
<td>Heater block insulation pad</td>
<td>3</td>
</tr>
<tr>
<td>Mounting plate, DP burner</td>
<td>1</td>
</tr>
<tr>
<td>Insulation reflector pad</td>
<td>2</td>
</tr>
<tr>
<td>Instructions</td>
<td>1</td>
</tr>
</tbody>
</table>
Steps Of The Process

Disassembling the existing burner mount

1. Use a Phillips screwdriver to remove the screw from the cable clamp.
2 Use a Phillips screwdriver to remove the three screws and remove the slotted cover as shown in the figures below.

3 Use a Phillips screwdriver to remove the three screws that attach the burner to the mounting plate.
4 Remove the heater and sensor elements on the heater sensor assembly (G6600-60614) through the hole in the mounting plate as shown in the figures below.

5 Use a 1/4-in open end wrench to remove three standoffs on burner mount.
Reassembly

1. Place a heater block insulation pad, from the kit on the mounting plate from the kit as shown.

2. Place an insulation reflector pad from the kit over the heater block insulation pad.
3 Place another heater block insulation pad from the kit on the insulation reflector pad.

4 Place another insulation reflector pad from the kit over the second heater block insulation pad.
5 Feed the heater and sensor elements assembly previously removed from the old mounting plate through the access hole in the new mounting plate.

6 Place heater cartridges and thermistor into the holes as shown and push them all the way in the burner mount.
7 Feed the three 6 1/4-in pan head Pozidriv screws through the three holes closest to the center hold on the mounting plate.

8 Attach the mounting plate to the burner mount, the three screws should align with the three holes on the burner mount.
9 Use a Pozidriv screwdriver to tighten the three screws for fixing the mounting plate and the burner mount.

10 Slip the cable clip from the kit onto the shrink covering on the heater sensor assembly.
11 Use a T20 Torx driver and a M4x8mm Torx screw from the kit to secure the cable clip.

![Image of cable clip secured with screw]

12 Place the burner shroud (MSF 75001) upside down on a flat surface.

![Image of burner shroud placed upside down]
13 Place the mounting plate assembly (from the previous step) on the burner shroud (MSF 75001). Align the slot with the slot in the mounting plate as shown.
14 Use a Pozidriv screwdriver and three 1/2-in Pozidriv screws from the kit to attach the mounting plate to the burner shroud (MSP 75001).

15 Install the completed assembly over the burner on the instrument.
16 Place three nutwarmer insulation layers in the nutwarmer cup assembly.

17 Install the nutwarmer cup assembly on the burner.
Warranty

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