

## **Installing the Downstream Capillary Interface**

### **G2742A Kit**

This kit connects the bottom of a split/splitless inlet to the inlet port of a sampling valve. It may be used with 4890, 5890, and 6890 gas chromatographs.



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# Parts supplied

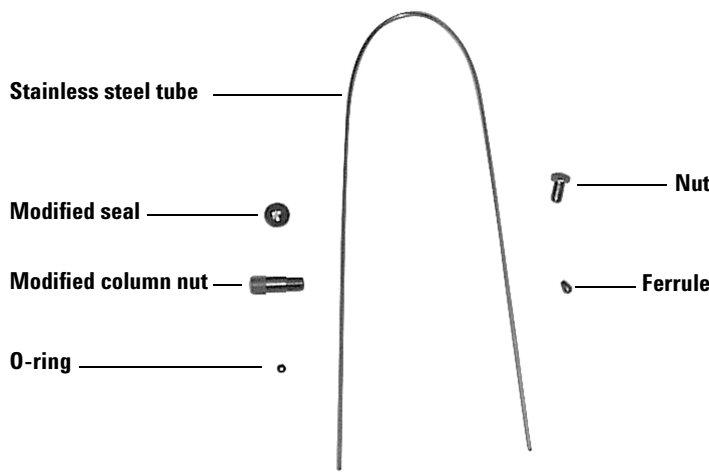
Parts supplied are listed in Table 1.

**Table 1**    Parts supplied

Description	Quantity
Nut	1
Ferrule	1
O-ring	1
Stainless steel tube, 1/16-inch × 375 mm	1
Modified column nut	1
Modified seal	1
Installation sheet (this document)	1

# Part identification

Parts supplied are identified in Figure 1.



**Figure 1**    Part identification

## Tools required

Screwdrivers

Open end wrenches

### **WARNING**

**The oven, inlet, and valve box may be very hot. Before proceeding, turn off the oven and all other heated zones and let them cool.**

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## Installation

- 1** Use the ferrule and nut to connect one end of the stainless steel tube to the sample inlet port of the sample valve.
- 2** Guide the free end of the tube into the oven through one of the access holes in the valve heater block. Mark the tube 35 mm from the free end.
- 3** Inside the oven, remove the insulation cup and insulation on the inlet fitting.
- 4** Remove the inlet nut and seal. Discard the seal.
- 5** Install the inlet nut, modified seal, insulation, and insulation cup.
- 6** Slide the modified column nut and the O-ring over the end of the tube.
- 7** Insert the end of the tube into the inlet fitting, line up the mark with the end of the modified column nut, and tighten the nut finger-tight.
- 8** Tighten the nut  $\frac{1}{4}$ -turn more with a wrench.
- 9** Position the tube along the upper wall of the oven.



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G2742-90107

First edition, October 2004

Printed in USA

Agilent Technologies, Inc.  
2850 Centerville Road  
Wilmington, DE 19808-1610 USA

## **WARNING**

**A WARNING notice denotes a hazard. It calls attention to an operating procedure, practice, or the like that, if not correctly performed or adhered to, could result in personal injury or death. Do not proceed beyond a WARNING notice until the indicated conditions are fully understood and met.**

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