

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.



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.

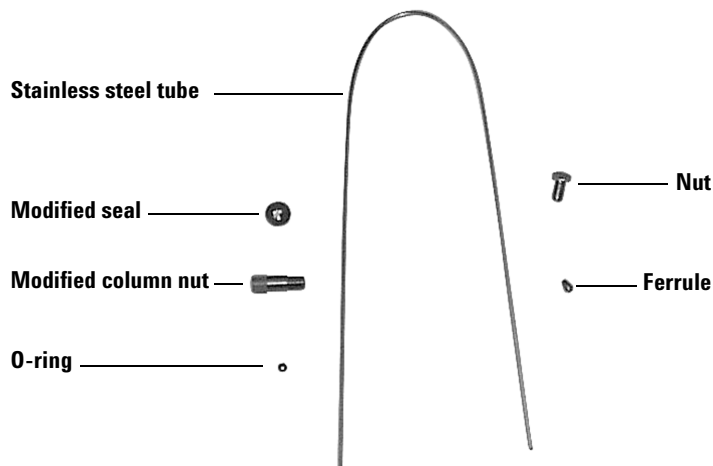


Figure 1 Part identification

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.

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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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.
