



Agilent Technologies

Changing the Sample Needle Agilent 7694 Headspace Sampler

Sample probes and union part numbers are:

Nickel needle assembly for G1289 or G1290	301-013-HSP
Silcosteel® needle assembly for G1289 or G1290	301-220-HSP
Nickel needle assembly for G1883	232-2790010-EHS
Silcosteel needle assembly for G1883	232-2790012-EHS
Zero dead volume union for G1290/G1289	325-045-HSP
Union elbow for G1883	998-0000053-EHS

The process of changing the sample needle on the 7694A or 7694E Headspace Sampler is as follows.

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The information contained herein is intended for use by informed individuals who can and must determine its fitness for their purpose.

Changing the Sampling Needle

1. Remove the two screws on the sides of the sampler cover shown below and lift the cover. Support the cover while working in the sampler area.

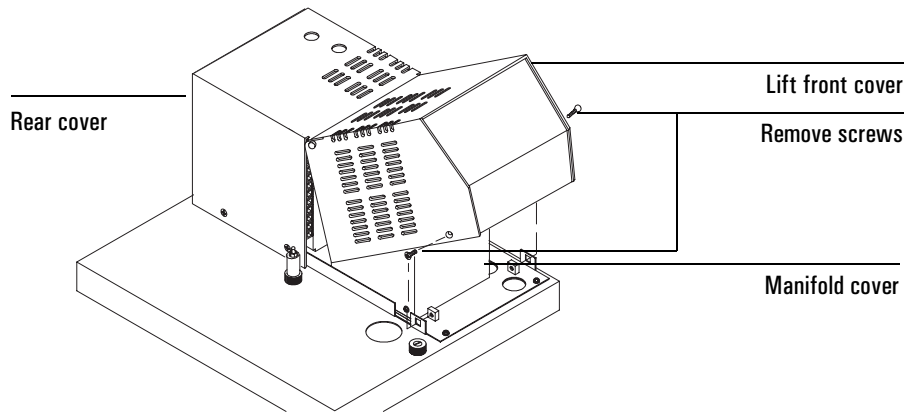


Figure 16. Removing the sampler cover

2. Loosen the two screws on the manifold cover (it is a stainless steel box) and insulation from the valve compartment.

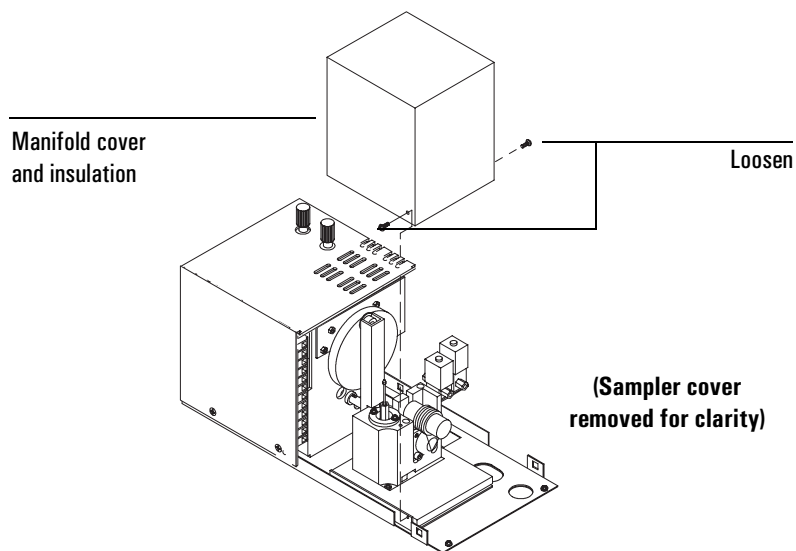


Figure 17. Removing the manifold cover and insulation

3. The sampling needle is located inside the square aluminum block. It is connected to the sampling valve through a 1/16-inch nickel tube and hexagonal union.
4. Support the hexagonal union with a 7-mm wrench and remove the nut with another 7-mm wrench. Then, loosen and remove the hexagonal union. Lift out the needle.

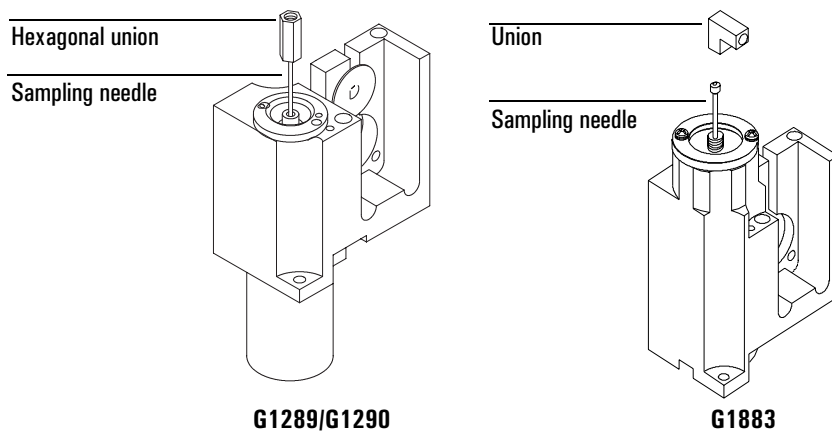


Figure 18. Position of vial sampling needle

5. Replace the sampling needle, tighten the fittings, and perform a leak test before replacing the insulation and cover.