

Agilent Technologies

Innovating the HP Way

Chemical Analysis Group

1100 Series Liquid Chromatograph

1100 Series Autosampler Needle and Seat Change Document 25302

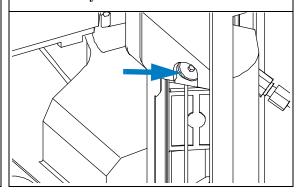
Needle Assembly

Frequency	When the needle is visibly damaged When the needle is blocked
Tools required	¼ inch wrench (supplied in accessory kit). 2.5mm Hex key (supplied in accessory kit).
Parts required	Needle assembly, G1313-87201

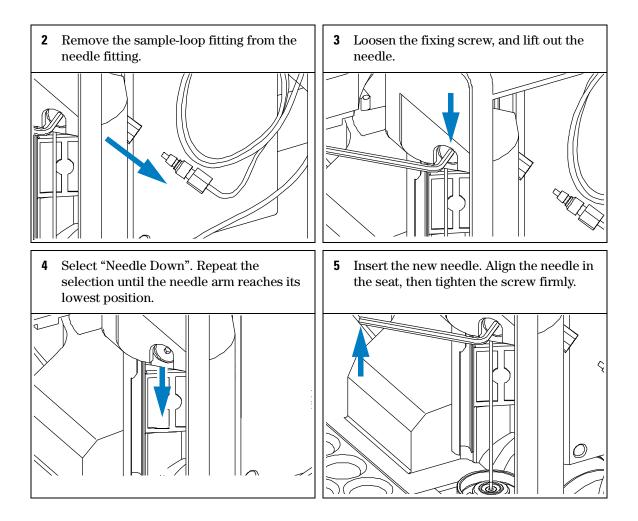
WARNINGTo avoid personal injury, keep fingers away from the needle area
during autosampler operation. Do not bend the safety flap away from
its position, or attempt to insert or remove a vial from the gripper
when the gripper is positioned below the needle.

Before beginning this procedure:

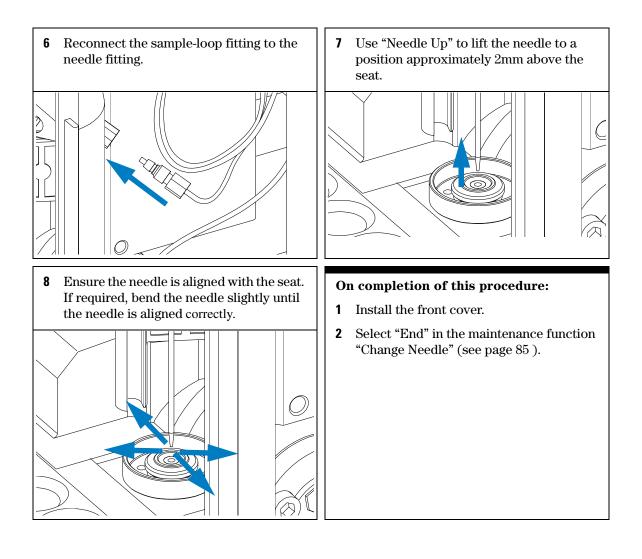
- 1 Select "Start" in the maintenance function "Change Needle" (see page 85).
- 2 When the needle is positioned 15mm above the needle seat, remove the front cover.
- 1 Select the "Needle Down" button until the needle screw is aligned with the hole in the safety cover.

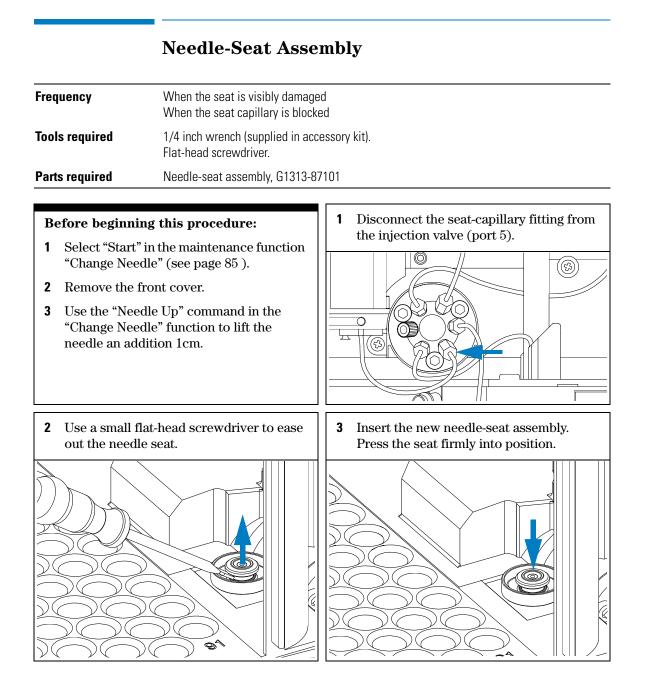


Repairing the Autosampler **Needle Assembly**



Repairing the Autosampler **Needle Assembly**





Repairing the Autosampler Needle-Seat Assembly

4 Connect the seat-capillary fitting to port 5 Use the "Down" button to position the 5 of the injection valve. needle approximately 2 mm above the seat 0 (3) 0 5 6 Ensure the needle is aligned with the seat. **On completion of this procedure:** If required, bend the needle slightly until 1 Install the front cover. the needle is aligned correctly. **2** Select "End" in the maintenance function "Change Needle" (see page 85).