

Radial Flex Circuit

Instruction Sheet

Agilent 7673 Automatic Liquid Sampler

Part Number 18596-60915

Introduction

The radial flex (R-flex) circuit (previously part no. 18596-60038) has been redesigned and is now available as part no. 18596-60915. This new circuit *requires* a modified turret (still part no. 18596-60515). “B” trays (18596B) with serial numbers greater than 3032A22099 have the modified turret; therefore, when replacing R-flex circuits on trays with serial numbers below this, check the turret and replace if it does not have the modification.

The modification to the turret removed one sidewall from the flange that surrounds the radial flex connector pins. Compare the old design (Figure 1) to the new design (Figure 2).

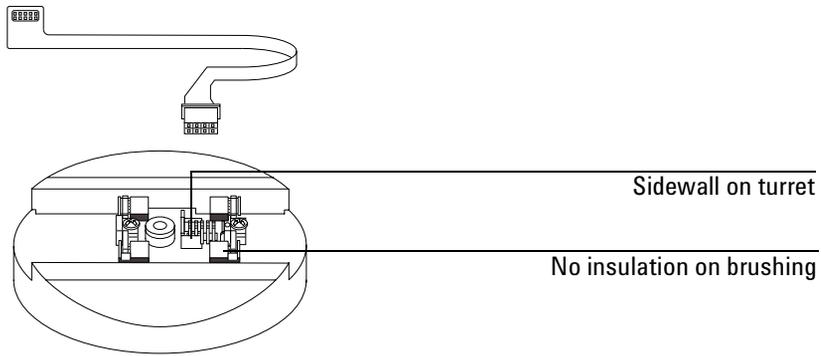


Figure 1. Old flex circuit

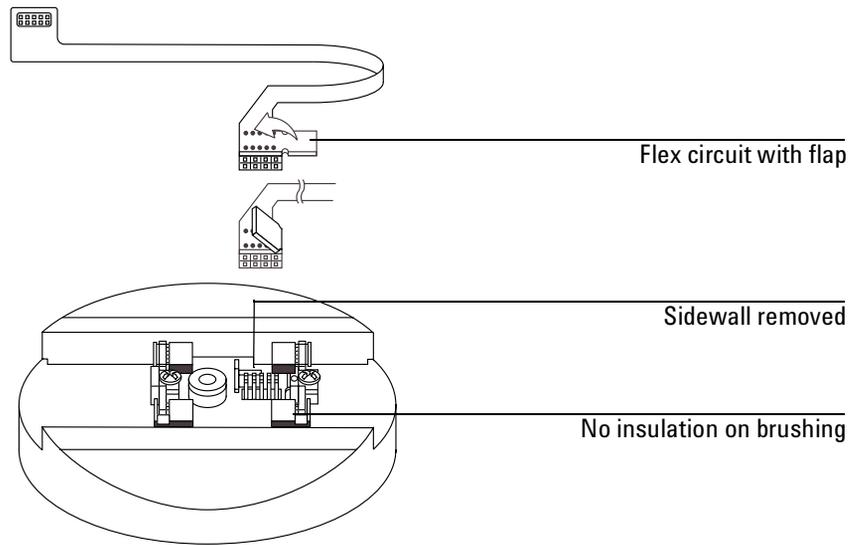


Figure 2. New flex circuit (with flap)

Installation

To install the new R-flex circuit, fold the insulation flap as shown in Figure 2. This will ensure that the flex circuit leads are insulated from the metal brushing. Again, *this flex circuit will not fit on the previous turret design (Figure 3). Upgrade the turret to the new design before installing this flex circuit.*

An intermediate version of the R-flex circuit has been shipped on some units. On these units the bushing on the turret has been insulated instead of the R-flex connector (see Figure 3). The new R-flex (with the insulation flap) is compatible with the insulated bushing and may be used if the intermediate R-flex requires replacement.

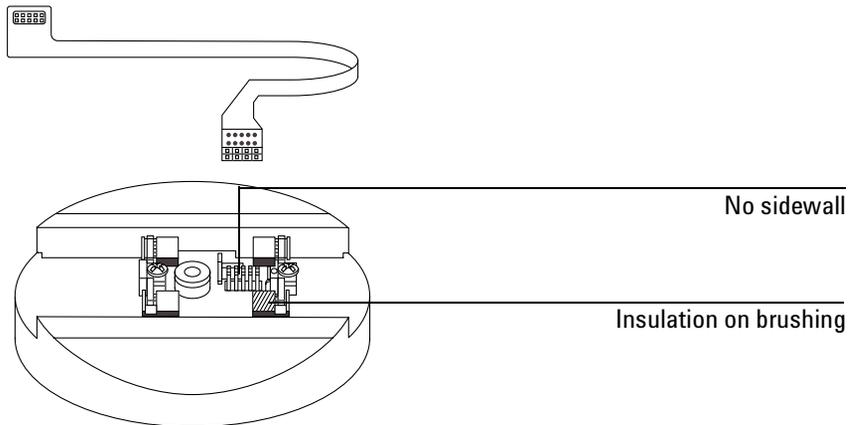
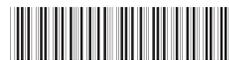


Figure 3. Intermediate version of flex (no flap)

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