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13-003

28 Jan 2013

Installing a 90 degree nozzle in a 200X

I. PURPOSE:

To instruct how to add a 90 degree nozzle to the 200X r-cell

II. REFERENCES

95-014B - CLEANING REACTION CELL WINDOWS ON NOX ANALYZERS

III. TOOLS:

1/16 Allen wrench
9/16 open end wrench
7/16 open end wrench
Phillips head screwdriver

IV. PARTS:

KIT000343 KIT, RETROFIT NOZZLE, MIXING TIP 90DEG (FOR NON-GOLD PLATED CELLS)
OR
KIT000344 KIT, RETROFIT NOZZLE, MIXING TIP 90DEG GOLD (FOR GOLD PLATED CELLS)

V. PROCEDURE:

1. Breakdown the r-cell manifold from the r-cell as shown in figure 1 (see service note 95-014B for a complete breakdown if necessary)



Figure 1

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2. Insert nozzle onto shaft until it is fully seated as shown in figure 2



Figure 2

3. Insert set screw as shown in figure 3



Figure 3

4. Tighten screw until it is seated snugly as shown in figure 4

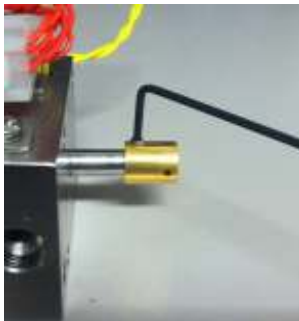


Figure 4

5. Re-assemble and re-calibrate.

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