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**13-013**

***14 September, 2015***

**NOX/AZERO VALVE ASSEMBLY INSTALLATION INSTRUCTIONS**

**I. PURPOSE:**

To give instructions on how to install new NOX/AZERO valves in to your ambient NOX monitor M200E/T200

**II. TOOLS:**

Philips screwdriver  
7/16" wrench  
9/16" wrench  
Tubing cutters

**III. PARTS:**

KIT000529 KIT, RTRFT, VA59 NO/NOX AMB

**IV. PROCEDURE:**

1. Turn off the instrument and remove the power cord.
2. Remove the instrument cover.
3. Locate the NO/NOX and AZERO valve assembly.
4. Disconnect the two electrical connectors that connect to the each valve.
5. Remove all of the tubing connected to both valves. Refer to figure 1 for tubing removal

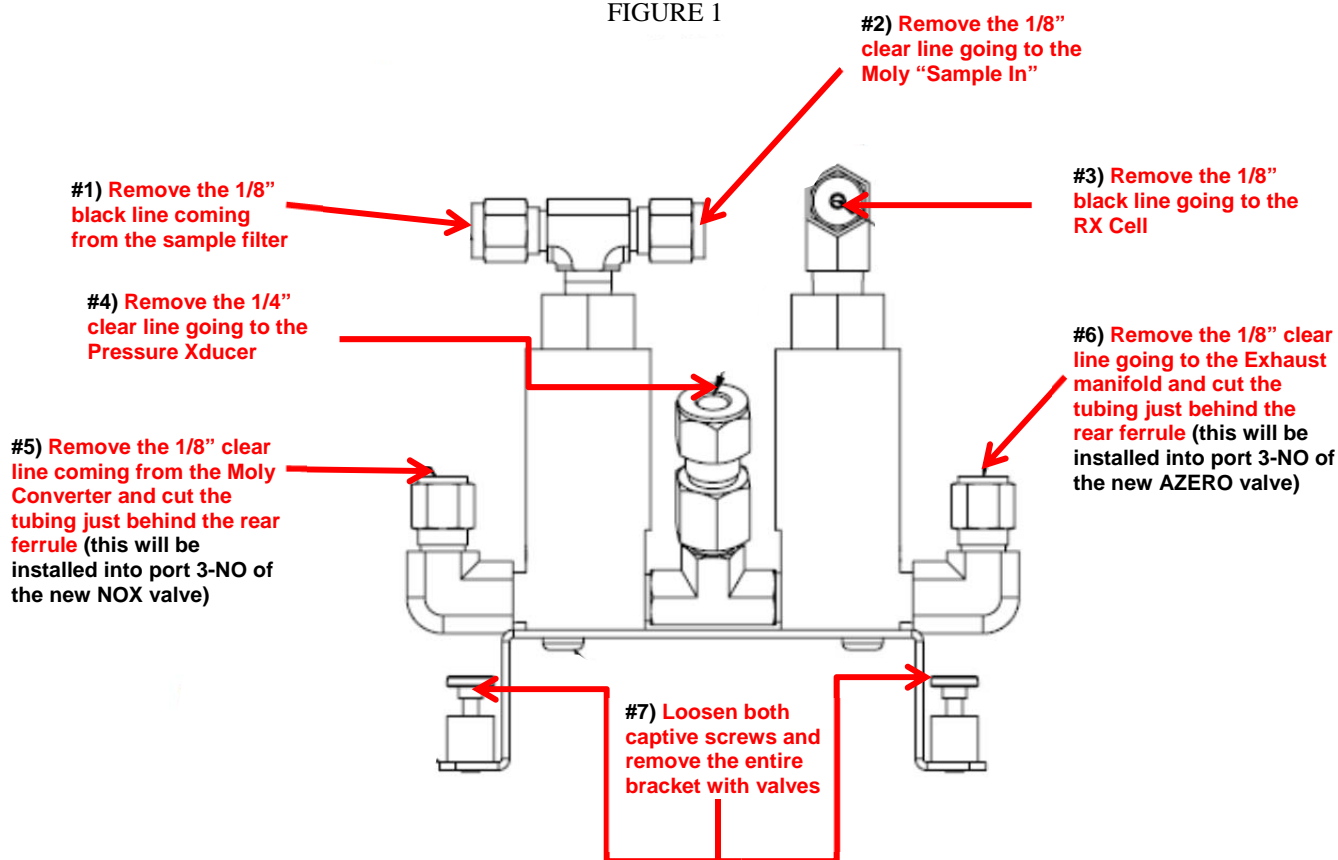
**NOx/Azero Valve Assembly Installation Instructions**

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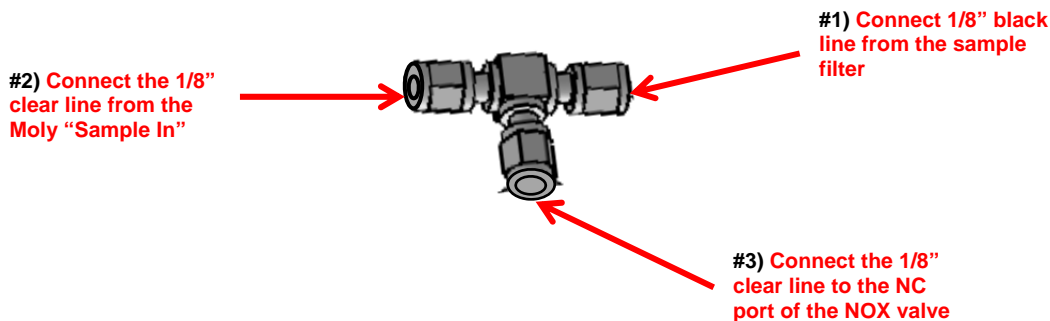
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FIGURE 1



6. Remove the NOX/AZERO valve assembly from the instrument.
7. Remove the 1/8" tee from the kit and connect the middle branch of the tee to the 1/8" black tubing coming from the sample filter housing. Refer to FIGURE 2 #1. Save the nut and ferrules from the tee.
8. Take the 1/8" clear line from the Moly "Sample In" and connect it to one of the remaining branches. Refer to FIGURE 2 #2.

FIGURE 2



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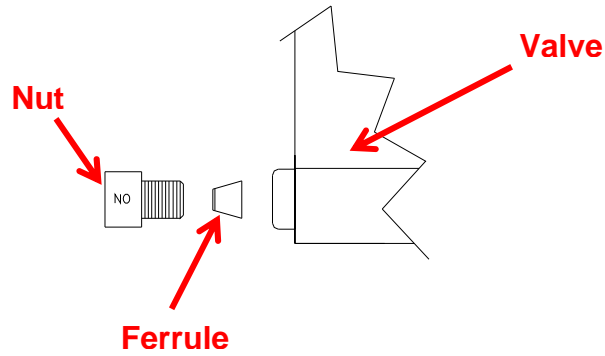
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9. Take the piece of 1/8" clear Teflon tubing from the KIT and cut it so that it can reach from the remaining branch of the Tee in Figure 2 #3 to the NC connection of the NOX valve in Figure 4 #1.
10. Connect one end of the tubing to the remaining branch of the tee by using the Nut and ferrules provided on the Tee.
11. Connect the other end of the tee to the NC port of the NOX valve using the nut and ferrule provided on the valve. Refer to Figure 3 on how to connect the tubing to the valve.

FIGURE 3



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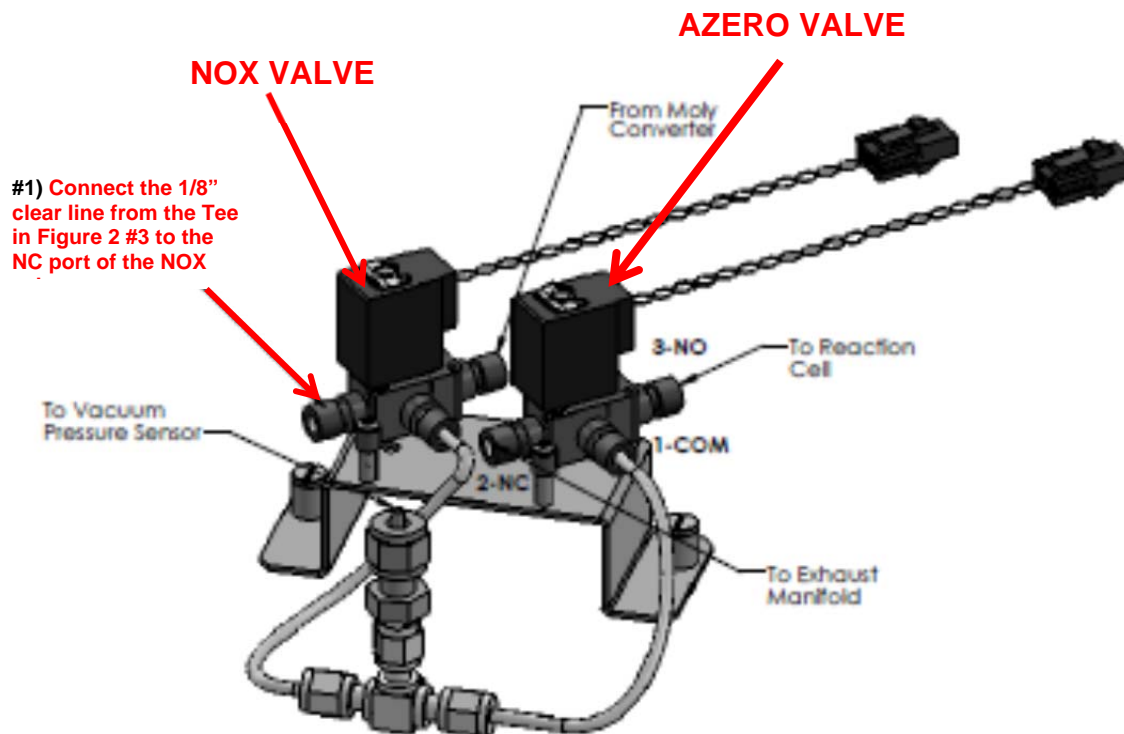
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12. Connect the electrical connectors for both valves to the appropriate connectors

FIGURE 4



13. Refer to figure 5 for complete assembly

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FIGURE 5



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