

9970 Carroll Canyon Rd, San Diego, CA, 92131
Phone (858) 657-9800 Fax: (858) 657-9818 Toll Free 1800 324-5190
E-mail: api-techsupport@teledyne.com Website: <http://www.teledyne-api.com>

NOTE 20-002A

03 February, 2020

O-RING REPLACEMENT, VA 76, VA77, 750x753x

I. PURPOSE:

Installing replacement O-Rings for VA0000076 or VA0000077 Regulator

II. TOOLS:

Sharp point object like a hook, pick or awl for removing O-RINGS
Pliers for unscrewing regulator

III. PARTS:

KIT000405 KIT, O-RING REPLACEMENT, VA76, VA77, 750x/753x

IV. PROCEDURE:

- 1) Power off the instrument. Unplug the power cord from the back of the analyzer.
- 2) Open the instrument so that you have access to the O3 Gen Assy as shown in figure 1.

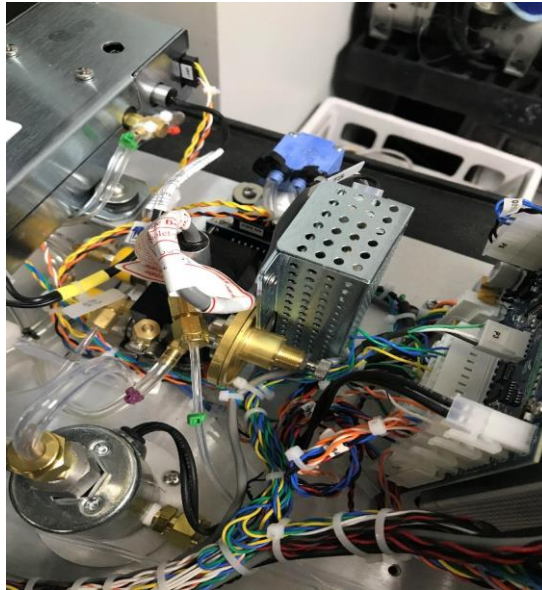


Figure 1 VA-77

- 3) Remove the regulator from the assembly. You may need to use pliers to loosen it and unscrew it from the assembly shown in figure 2.

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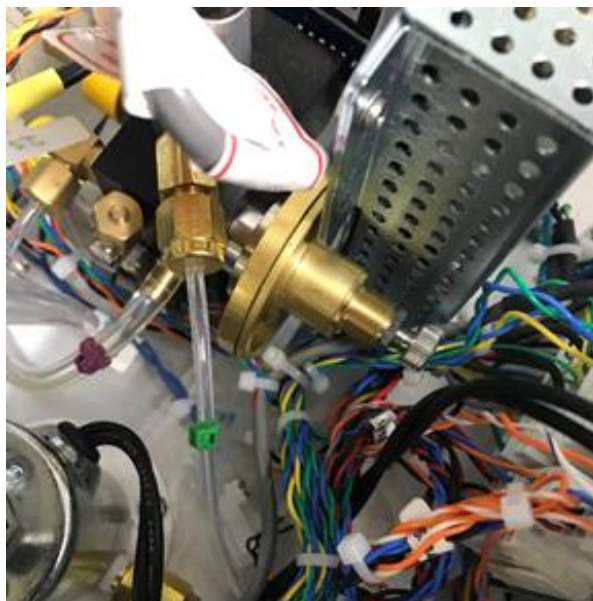


Figure 2 VA-77

- 4) Remove the outer and inner O-rings from the regulator and replace them with the O-Rings from the KIT provided. Replace the outer O-ring with OR-50. Replace the inner O-ring with OR-122 shown in figures 3 through 7.



Figure 3 VA-77

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Figure 4 VA-77



Figure 5 VA-76

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Figure 6 VA-76



Figure 7 VA-76

- 5) Make sure O-rings are seated properly and screw regulator back into assembly.
- 6) Reconnect all cables, pneumatics and screws removed during disassembly.
- 7) Plug Power cord back in and turn on the device. Perform a leak check.

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