



**99-014 Rev B
2 May, 2007**

REPLACEMENT OF “JEFFERSON” STYLE OZONE GENERATORS

I. SCOPE:

To inform our customers of a change to our ozone generators. The “Jefferson” style of ozone generator is one that has the discharge tube and transformer in the metal box (P/N 00143 and 01133) as opposed to the “Brick” style ozone generator with the large blue transformer on the control card. Our vendor that has provided us with the transformer that goes into this (Jefferson style) ozone generator has discontinued this transformer and we are not able to find a suitable replacement for it. As such, we have provided the following kits to replace your current style of ozone generator. The transformers usually last a long time and replacement is not an issue. If you have one that has finally died, then you can replace the entire unit with the new “Brick” style of ozone generator with one of the following kits. These kits are direct replacements and you should be able to install them with a minimum of installation time. As always, we are still going to have the discharge tubes available for purchase, so if your ozone generator is not making ozone, we will have that option available to you. The Bricks are similar in price to that of the Jefferson that it is replacing.

II. PARTS:

M200	Kit 1
M200A/AU/AH	Kit 2
M251 (Anarad)	Kit 8
M252	Kit 9

III. TOOLS:

- 7/16” wrench
- 1/2” wrench
- 9/16” wrench
- Flat and Phillips head screwdriver
- Diagonal Cutters

IV. PROCEDURE:

1. Turn off the unit and remove power from the input to the analyzer.
2. Remove the cover from the unit and locate the ozone generator (in the rear of the analyzer on the left side as you look at the analyzer from the front).
3. Cut any tie wraps that might preclude you from removing the ozone generator from the unit.
4. Remove the power cable from the ozone generator.

5. Remove the 1/8" fitting from the top of the Rcell and the 1/8" fitting from the input to the ozone generator.
6. Remove the four screws that retain the ozone generator. These screws are on the bottom of the unit.
7. Remove the ozone generator from the analyzer.
8. Install the new "brick" ozone generator into the unit with transformer facing in.
9. Secure the new ozone generator into the analyzer with the screws provided.
10. Hook the black 1/8" tube to the top of the Rcell.
11. Hook the new clear 1/4" input tube to the fitting by flowmeter.
12. Hook the existing wire from the wiring harness to the adapter that is in the Kit.
13. Leak check the unit before putting span gas into the unit. If you do not know how to leak check the unit, refer to the service note 98-044.
14. Please keep in mind that if you have had the unit off form more than 10 minutes, the unit will not turn on the ozone generator until the unit has had a chance to warm up (30 minutes).
15. If after 30 minutes the analyzer does not respond to gas, then push "SETUP_MORE_DIAG_NEXT to OZONE GEN._ENTER" and see if the ozone gen. is turned on. If it is not, then push the button under OFF and turn it on. The analyzer should now respond to gas. If it does not, then check the troubleshooting section of your manual. If you can't figure out why the analyzer is not responding to gas, please fill out the warrantee repair questionnaire and fax it to API.

If you have questions regarding this procedure or any API equipment, please contact an API Customer Service representative:

Phone: (619) 657-9800

Email: customerservice@advpol.com

Fax: (619) 657-9816

WWW: <http://www.advpol.com>