

16-005

28, March 2016

PHOTOMETER AND O3 LAMP DRIVER BOARD INSTALLATION

I. PURPOSE:

Replacing Lamp Driver board in Photometer and O3 Generator of "T"&"E" 400, 700, 703, Instruments

II. TOOLS:

Phillips #2 Screwdriver

III. PARTS:

KIT000289 AKIT, UV LAMP P/S PCA, 041660100 (O3 Generator Tower)
KIT000290 AKIT, UV LAMP P/S PCA, 041660500 (Photometer)

IV. PROCEDURE:

Photometer and O3 Lamp Driver Board Installation

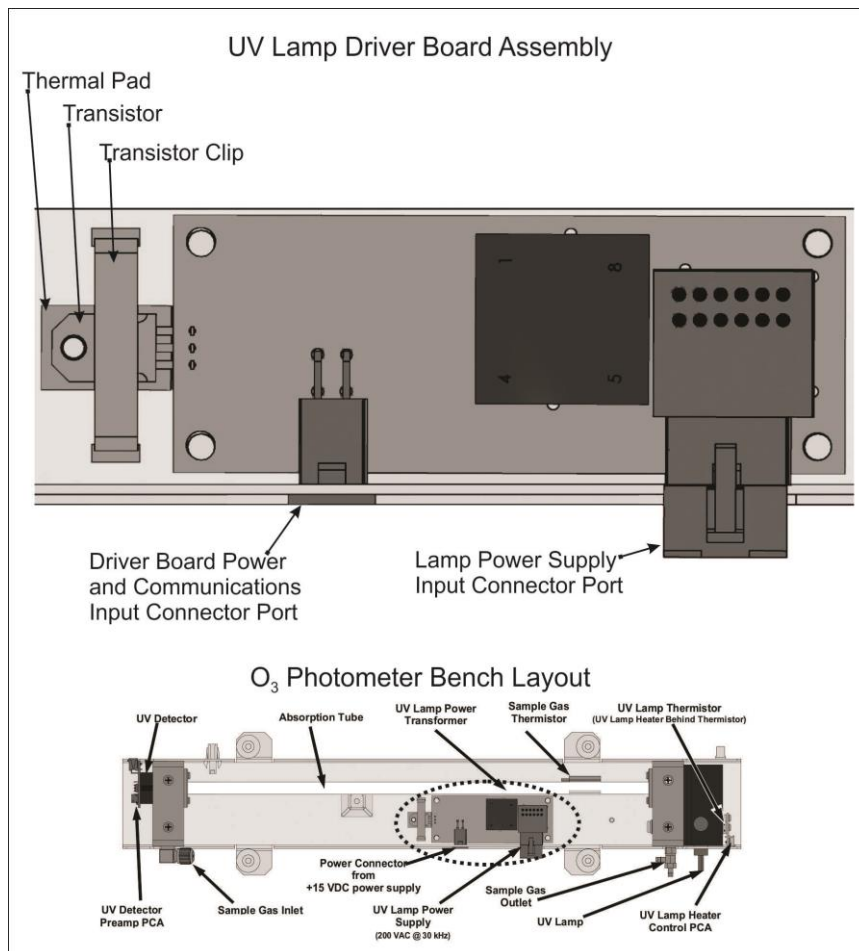
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Refer to illustration for component locations.

1. Power off instrument and remove top.
2. Remove bench Phillips head screws and remove bench cover.
3. Unplug driver board/communications power and lamp power supply connectors.
4. Pop out clip that holds transistor in place.
5. With a blunt tool that will not damage any surface, pry up driver board assembly from swage fittings.
6. Put new driver board assembly lightly in place.
7. Insert thermal pad that's included with driver board replacement kit beneath transistor, lining up their respective holes.
- IMPORTANT: This pad serves as an insulator to prevent electrical shorts.
8. Press driver board assembly onto swage fittings until tightly secure and reinstall transistor clip.
9. Reinsert driver board/communications power and lamp power supply connectors.
10. Return bench cover and screw into place.
11. Return cover to instrument.
12. Power on and check readings for accuracy.



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