

# Installing the Dual Plasma Burner Mounting Kit on a Shimadzu 2014 GC

Accessory G6600-60621

## Purpose

To install the Dual Plasma Burner mounting kit on a gas chromatograph (GC) unit.

## Scope

This procedure describes how to install the Dual Plasma Burner mounting kit.

## Safety

Make sure all devices are powered off while performing the installation.

## Materials

- A Dual Plasma Burner mounting kit
- The Dual Plasma Burner
- A Philips screwdriver
- 3 mm Allen wrench
- Sheet metal cutting tool(s)

## Procedure

1. Remove the mounting kit from the packaging.
2. Make sure the gas chromatograph (GC) is powered off and gas supplies are off.
3. On the GC, remove the cover from the detector area to expose the top of the GC, through which a detector is normally mounted. Find the appropriate mounting location based on Figure 1.
4. Align the Burner mounting plate with the mounting screw holes on the GC. Clear the hole into the GC oven of interfering insulation (approx 1.8 inch diameter).



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5. Cut the GC liner per the template in Figure 2, and then secure the mounting plate onto the oven with the screws provided.
6. Remove the right side panel of the GC to expose the PCB mounted connector receptacles. Attach the Burner mount's power connector to the GC's temperature control circuit. Consult your GC's operation or service manual to confirm proper placement.
7. Position the Dual Plasma Burner (column end down) into the tapered fitting of the heated base, with the lower hydrogen line and pin aligned with the slot in the heated base. The Burner should be secure when properly positioned.
8. Follow the instructions in the "Installation" chapter of the *Operation and Maintenance Manual* for connecting the Burner to the Dual Plasma Controller.

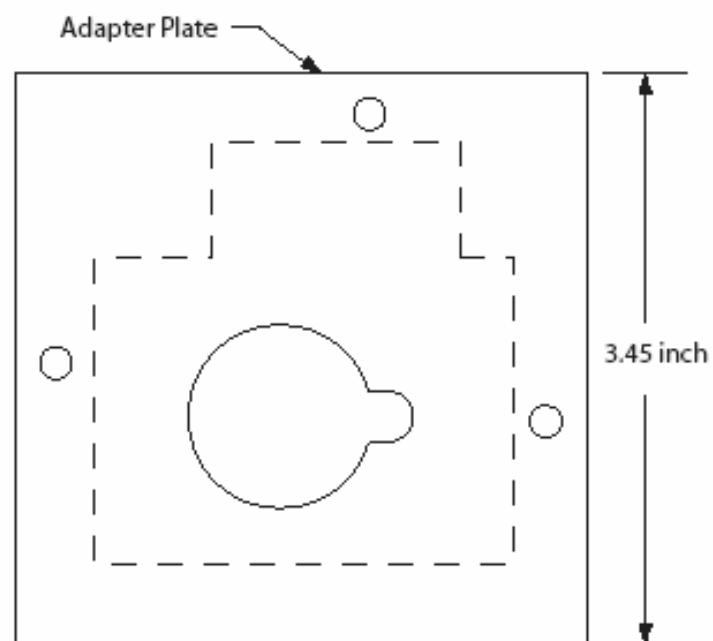


Figure 1. GC Top - no cuts required  
(viewed from above)

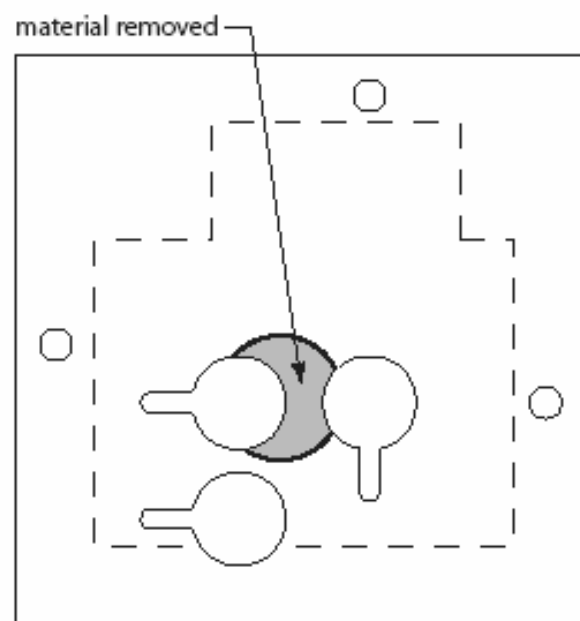


Figure 2. GC Liner - two cuts required  
(viewed from above)

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