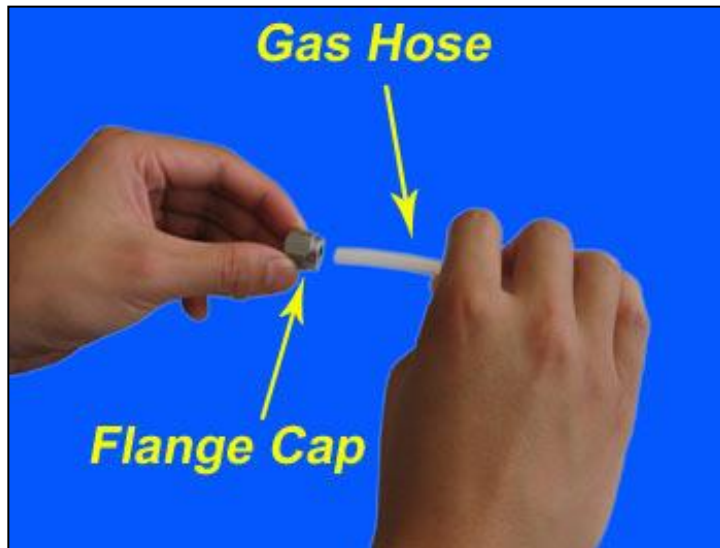


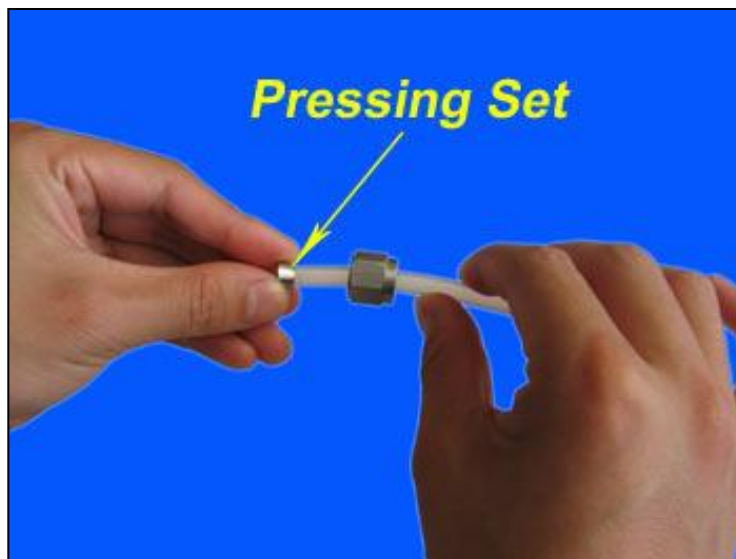
Section 1---Instruction of Assembling Gas Hose

The gas hose can be changed by the customers if there is a need. Please follow the steps below:

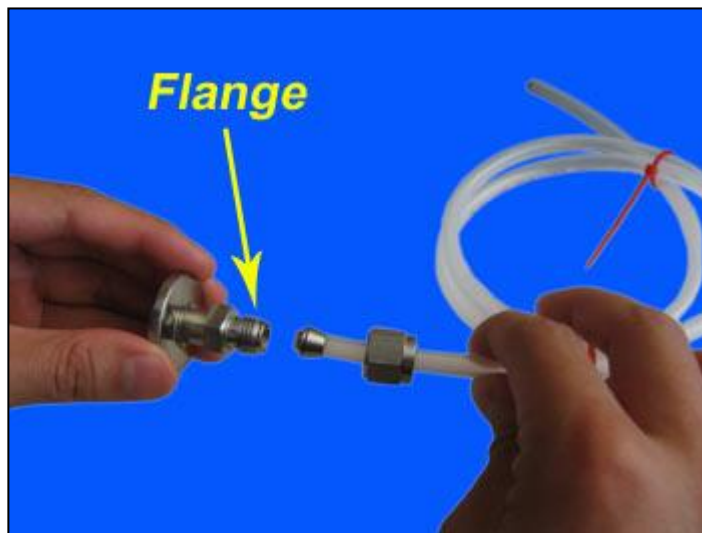
1. Mount the **Flange Cap** to the **Gas Hose**.



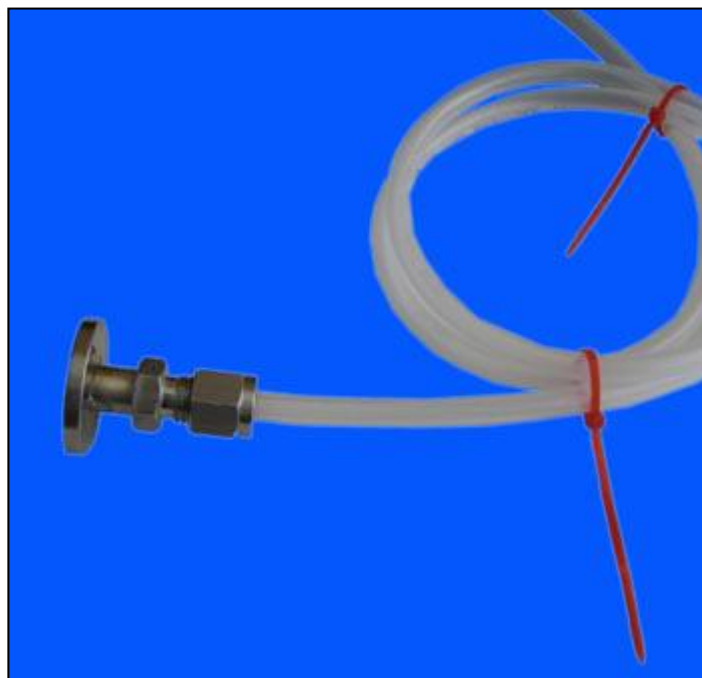
2. Install the **Pressing Set** onto the gas hose.



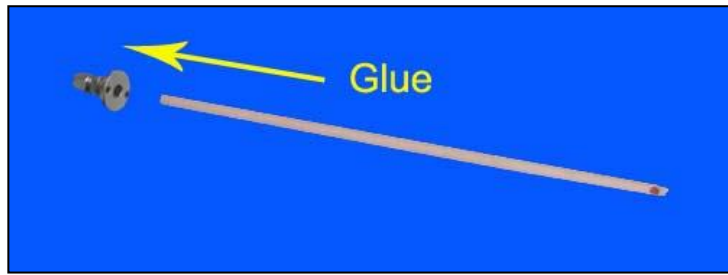
3. Make the **Flange** cling to the pressing set.



4. Screw the flange cap to flange and make sure it is tight enough.



5. Apply epoxy adhesive to glue the Al_2O_3 ceramic tube and adaptor together.



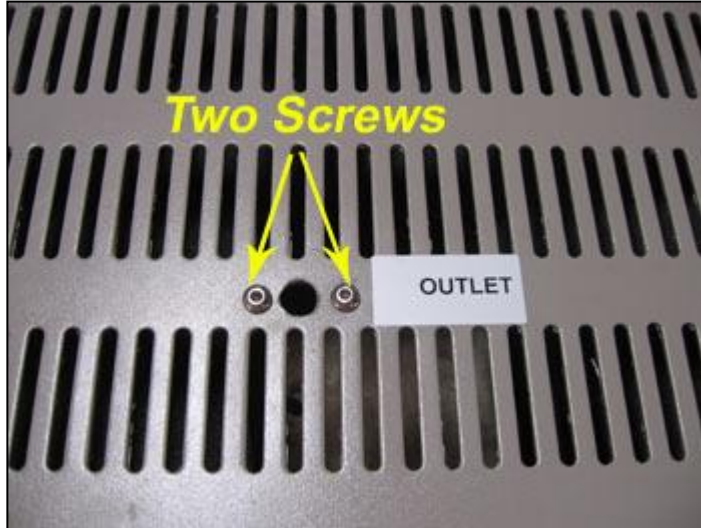
Note: The customer is advised not to change the Al_2O_3 tube sticking to the flange.

6. Installation is done

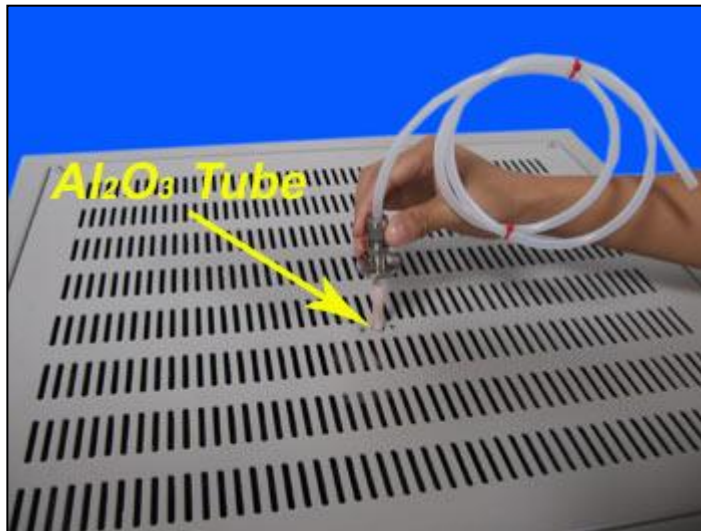
Section 2--- Instruction of Installing the Gas Purging Adaptor

MTI's muffle furnaces can be easily promoted by installing the gas purging adaptor according to the customers' special use, please follow the steps below to make it right:

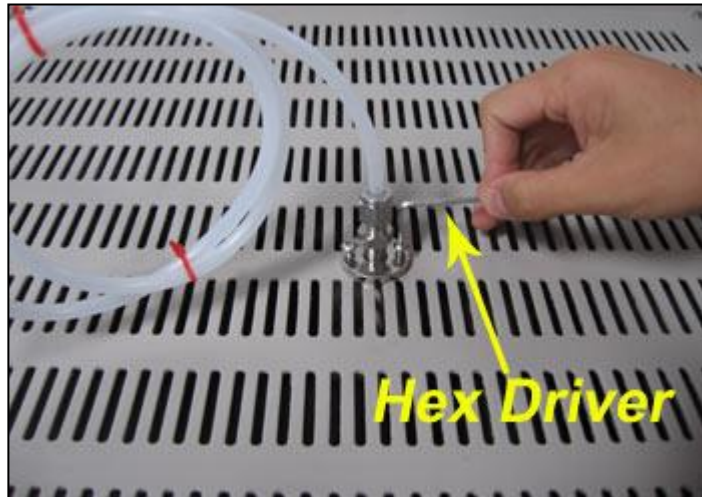
1. Unscrew the **Two Screws** beside the outlet on the top cover of the furnace:



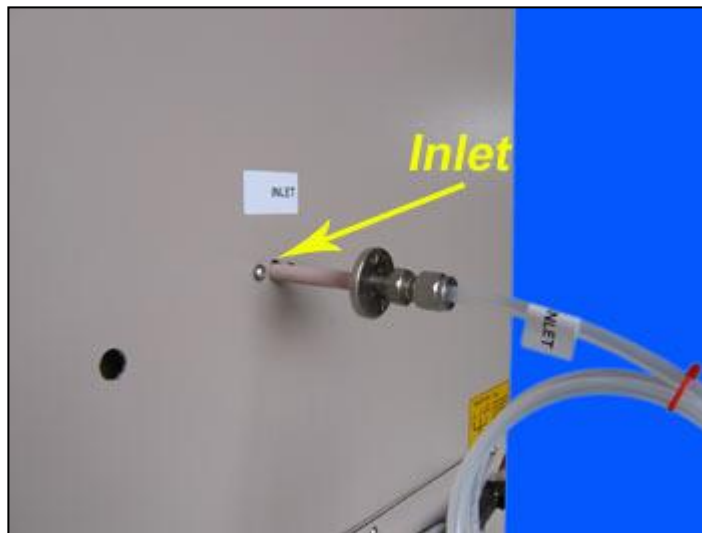
2. Put the **Al₂O₃ Tube** labeled "outlet" with the flange and gas hose together into the outlet.



3. Match the screw **holes** on the flange to the ones beside the outlet, and then tighten the two screws with **Hex Driver**.



4. To install the tube labeled “inlet” to the inlet, repeat the steps 1-3.



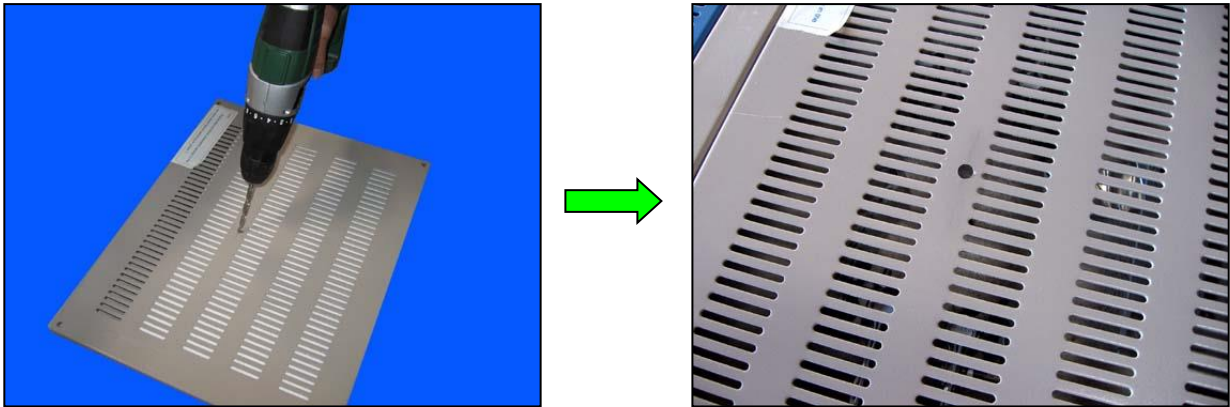
5. Finish the installation and start to use.

Section 3--- Instruction of Producing Gas Inlet and Outlet

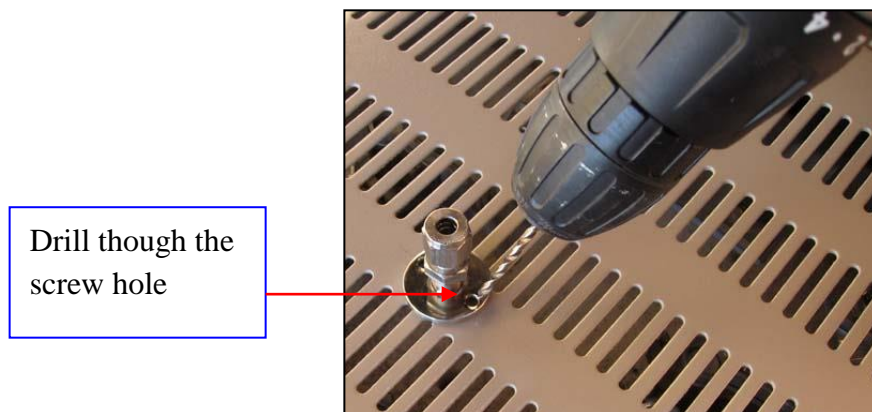
MTI will provide the gas holes and charge certain fees; however, if the customer does it by self, drilling and tapping tools are required.

1. Produce outlet

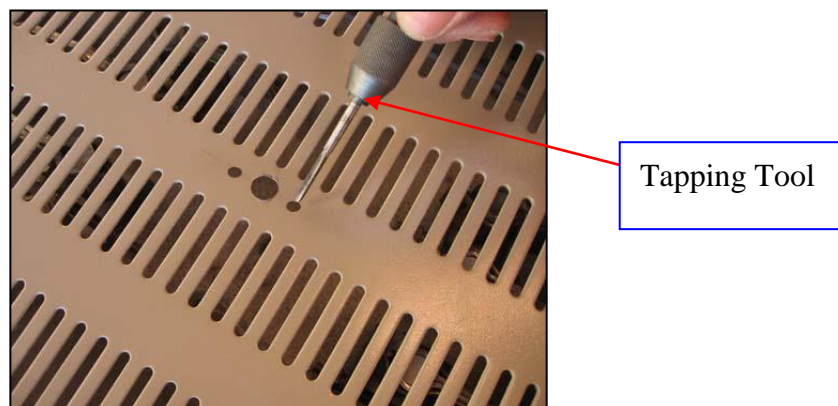
- a. Drill a hole on the cover; make sure the diameter is a little larger than that of Al_2O_3 tube.



- b-1-1. Properly posit the flange, drill through the cover by the screw holes on the two sides of flange.

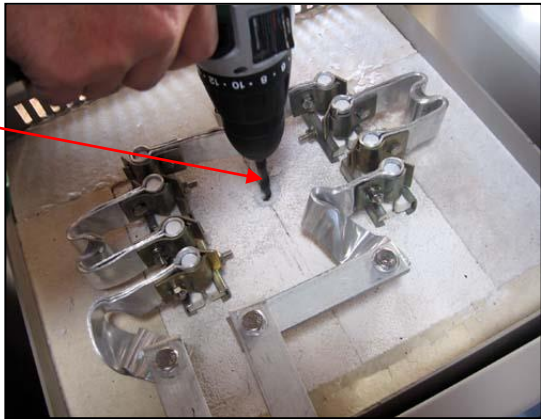


- b-1-2. Remove the flange and tapping the two screws holes on the cover according to the specification of the screws.



- b-2. If you have no idea of how to tap the screw holes, please simply apply glue to adhere the flange on the cover.
- c. Vertically insert the Al_2O_3 tube through the hole until touch the surface of module and then mark the touching point to it.
- d. Remove the cover, drilling the touching point with holding the bottom of module in the chamber in case of module splitting.

Drilling the touching point on the module



- f. Do the same hole on the back for gas inlet.
- g. Follow section 2 to install the flange and then be ready for using.



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