

VTL Amplifiers, Inc.  
4774 Murietta Street, Suite 10  
Chino, California 91710  
USA



Tel (909) 627-5944  
Fax (909) 627-6988  
e-mail mail@vtl.com  
<http://www.vtl.com/>

## ***Dear VTL Customer:***

**CAUTION!** Tubes are not installed in the amplifiers.

Please insert the Output tubes onto the tube sockets before turning on the amplifier.

See instructions below:

### Changing Top Cover Screws

When the amplifier is first shipped from the factory, the top cover is installed with locking screws. These screws can be removed and replaced once the amplifier is setup in the listening area so that the top cover can be removed easily without any hand tools.

Once the locking screws are removed, please put them in the Spare kit that came with the amplifier. You will need to put these screws back when shipping or moving the amplifier to ensure that the top cover is securely fastened.

The top cover of the amplifier is fitted with long screws (6-32x1/2 Phillips head) in three strategic locations along the top cover. To remove the top cover, these three screws must be removed first. Two of the long screws are located on the right side panel, screw #2 and #7 counting from the side closest to the front panel. The third screw is located on the top right hand corner of the back panel.

After the three long screws are removed, gently lift up the top cover. Enclosed in the spare package are the shorter replacements screws. Replace the right side panel #2 and #7 screws with two 6-32x3/8" socket head screws. Replace the back panel screw with the 6-32x3/8" flat head screw. Tighten the screws without overdriving them. Put the top cover back onto the amplifier. You can now remove or replace the top cover easily without using any tool.



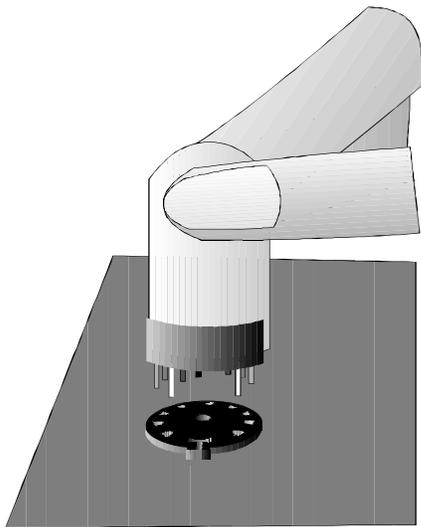
WARNING: there are high temperatures and hazardous voltages inside the unit. If any household members might accidentally be exposed to these temperatures or voltages, then the cover shipping screws should be left in place to prevent accidental removal of cover.



Please note that the Output tubes for this amplifier is stored inside the cover of the crate. Please open the crate cover and retrieve the tubes. There are two tubes marked spare tubes. Note also that the output tubes can be put into in any tube location of the amplifier as the Auto Bias will automatically bias the tubes on start up.



1. Plugging in a new tube: Hold onto the upper portion of the tube towards its tip. Lower the tube onto the socket, making sure that the pins from the tube match the holes in the socket.



2. For the smaller input tube, there are two pins on the tube, which are spaced at a wider distance from each other than the rest of the pins (9 pin miniature tubes). Press the tube firmly into its socket, using a gentle force and a slight “rocking” motion. When the tube is properly and completely inserted into the socket it should be firmly seated and does not give in to any movement at all when you try to rock it gently. If the socket appears loose and not making contact with any or all of the tube pins, contact VTL for help.

3. For the larger Power tubes, there is a locating pin in the middle of the tube (8 pin octal tubes). Make sure that these locators go into the side of the socket that matches. Press the tube firmly into its socket, using a gentle force and a slight “rocking” motion. When the tube is properly and

completely inserted into the socket it should be firmly seated and does not give in to any movement at all when you try to rock it gently. If the socket appears loose and not making contact with any or all of the tube pins, please contact VTL for help.

4. Replacing the protective cover: Lower the top cover slowly back onto the top of the amplifier, making sure that the cover is put on in the correct front and back position and that the cover is securely fastened to the unit.