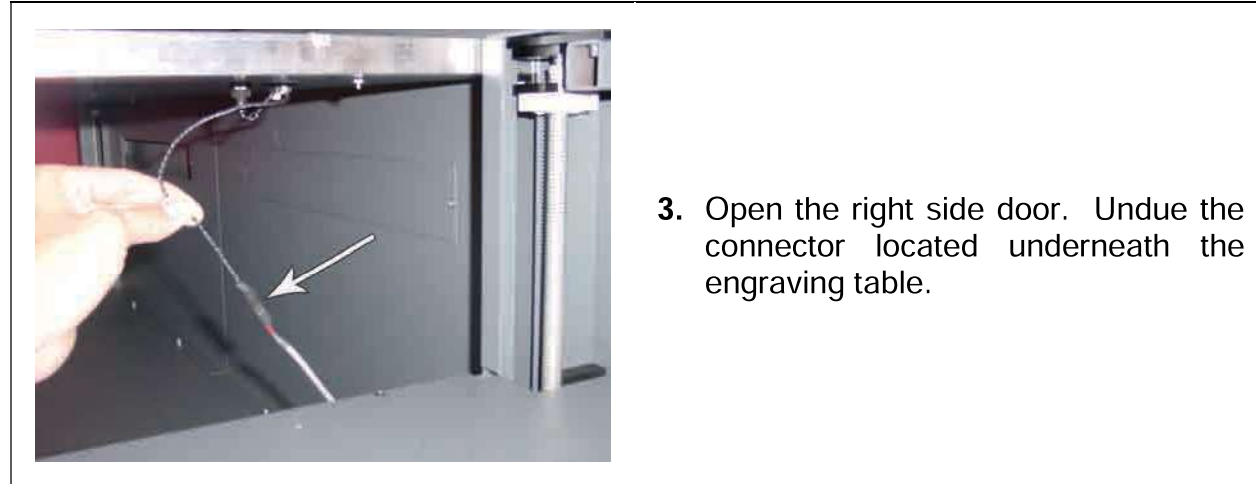


R130 – Exhaust Plenum

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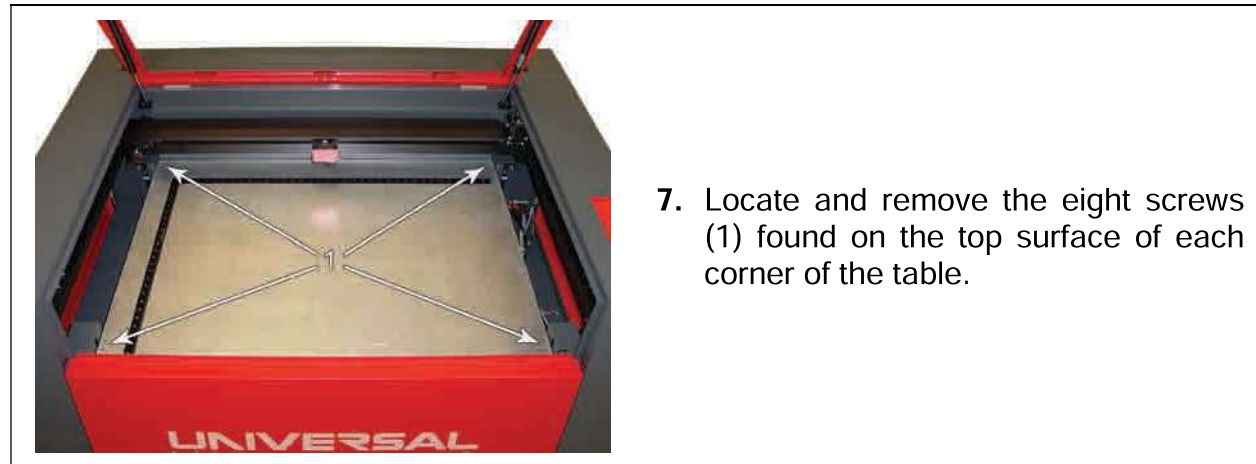
NOTE: Place any hardware removed from the laser machine in a safe place. Cleaning of the Exhaust Plenum only needs to be done about every 6 months. Excessive removal of the table may misalign your laser system and cause future problems.

1. Power the laser system and UCP on.
2. Using the Z-axis controls, raise or lower the Z-axis table half way down. Power the system OFF.



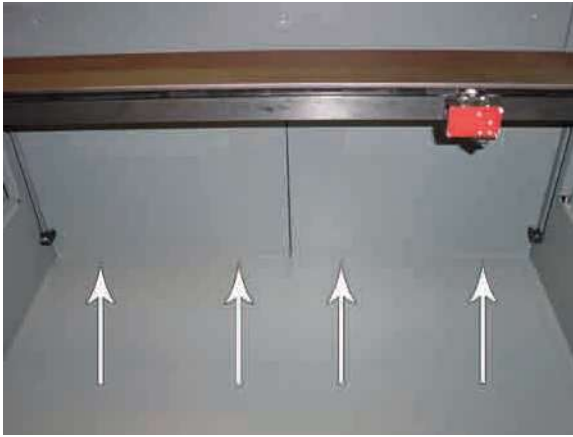
3. Open the right side door. Undue the connector located underneath the engraving table.

4. Close the right side door.
5. Open the top door and move the X-Axis arm back. Leave the top door open.
6. Open the front door. This allows clearance when removing the table.



7. Locate and remove the eight screws (1) found on the top surface of each corner of the table.

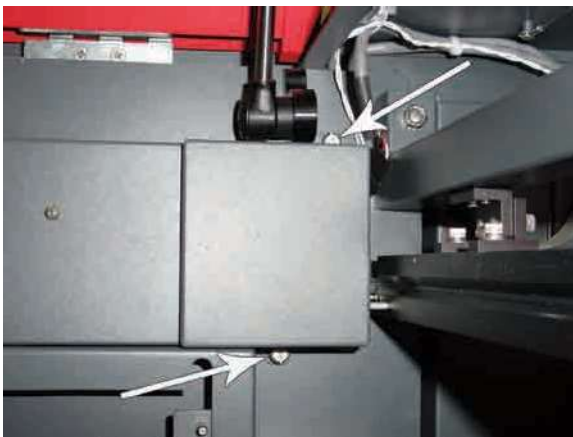
8. Carefully remove the table from the inside of the laser system. Two people may be needed to remove the table.



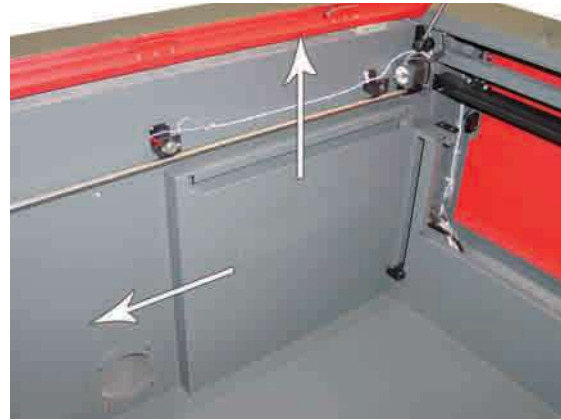
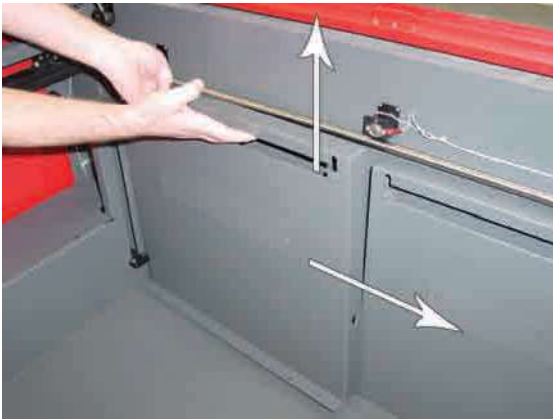
9. Located and remove the four screws that hold the Exhaust Plenum in place. They are located near the back bottom surface of the machine. **DO NOT remove the exhaust plenum panels at this time.**



10. Remove the 3 screws that hold the Y Drive Shaft cover. Set the Y Drive Shaft cover and screws aside in a safe place.



11. Next, undue the two large screws that cover the X-Axis Motor with a flat head screw driver. The screws will not come apart from the cover. Set the cover aside.



- 12.** Using both hands grab the exhaust plenum through the exhaust opening, pull up, then to the side to remove the panels. Set them aside for cleaning. **Use precaution when removing the exhaust plenum panels because the black mounts where the table sits may be in the way.**

- 13.** Using your soap and water solution, clean the inside of plenum as well as the inside rear wall of the Laser System.
- 14.** Installation is opposite of removal. Make sure that the plenum tabs rest on the two flat head screws.