Plasma-Prep™ III
Plasma Cleaner Module

Mounting of the Door

6-32 screws 3pcs

door bracket

doctor latch clip

PPSS170 connector body & PPSS154 terminal
go to JP2 on the control board
Remove the original connector

6-32 screws 3pcs

10-32 screw

Turn your Plasma-Prep™ III into a TEM specimen stage cleaner.
just a click away.

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Procedure to Convert PPIII Plasma Etcher to Plasma Cleaner

1. With powercord disconnected and the inner chamber removed remove the top cabinet cover and the bottom cabinet cover.

2. Disconnect the plug from JP2 on the control board on the front of the chassis and pull thru to the top of the chassis.

3. Install the door bracket (3, 6-32 screws)

4. With the new door assembly in hand thread the wire and connector from the microswitch thru the hole the connector from the JP2 header was removed and plug onto the JP2 header.

5. Mount the new door to the door bracket with three 6-32 screws.

6. Secure the door with the door latch using one 10-32 screw.

7. Release the plastic chamber seal by removing the two wires securing it and make sure the seal is snug against the chamber face.

8. The cabinet top and bottom can now be replaced.

9. With power cord plug into a source of power turn the system on and turn the vacuum switch on check that the seal is sealing the chamber.

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