



**replacement parts industries, inc.**

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**SSL043  
LID  
INSTALLATION INSTRUCTIONS**

**1. Installation of the Black Rubber Hose**

Note that the Lid is shipped partially un-assembled. This is done because the enclosed black Rubber Hose must be installed before the Lid can be installed.

**To install the black Rubber Hose**

Re-attach black Rubber Hose to back of lid with clamp. Using needle nose pliers, pull out expander from inside of hose.

**2. Installation of the Lid Assembly**

You will notice that the Lid was shipped without the rear hinges. This was done because the original hinges on the Steris System 1™ should not be removed and should be reused during the installation of the new Lid. Using the original hinges will insure that the hinge shimming and adjustments do not change. This will allow your new Lid to fit properly on the System 1. We have found that this method of Lid replacement is also the simplest method.

**To install the Lid Assembly**

1. Remove the processing tray from the System 1 processor.
2. Lift the old Lid as high as possible. You may have to remove the Clevis Pin from the gas cylinder at its connection point to the Lid in order to help facilitate this. (Remember that the Clevis Pin is held in place by a set screw and possibly a retaining ring that will need to be removed first.)
3. Remove the Lid Fill Hose from the Float Block Assembly – be sure to save the hose clamp as it will be re-installed later.
4. With the Lid held open as high as possible, use a 1/8" Allen Wrench to remove two of the screws from each hinge at the Lid.
5. At this point make sure that the gas cylinder Clevis Pin is removed from the gas cylinder at its connection to the Lid. (Remember that the Clevis Pin is held in place by a set screw and possibly a retaining ring that will need to be removed first.)
6. Carefully holding the Lid at its highest point (a second person is helpful), remove the last screw from each hinge and remove the old Lid.
7. Install the new Lid reversing the process above and torque the hinge screws to 40 in. lbs. Connect hose to processor.
8. Save the box in which the new Lid was shipped and use it to return the old Lid for a \$150.00 credit to your RPI account. **(See below for instructions to return the old Lid.)**

**Installation Tips**

- Occasionally the u-shaped latching tabs on the front underside of the new Lid will not line up properly with the System 1 latching mechanism. If this occurs, these tabs can be very slightly bent forward or backward. Looking at the Lid from the side of the System 1 as it closes, the tabs should penetrate the System 1 body latch holes centered front to back. If they do not, use a large crescent wrench to slightly bend the tabs to the correct position.
- If you find that the old and/or new Lid has a larger front gap on one side than the other when closed and latched, the System 1 frame may be twisted or out of level. This is usually caused by one or more of the System 1 feet missing or sitting on an uneven surface. If the System 1 is not sitting on an even, flat surface, the frame will twist. If correcting the frame twist does not correct the gap, then the System 1 latch bushings may need to be replaced. Note: A small difference in the front gap can be normal and not cause any problems. If so, no action may be needed.

**Return the Old Lid Assembly for a \$150 Credit!**

1. **Save the box in which the new Lid was shipped.**  
Use the box to return the old Lid Assembly for a \$150 credit to your RPI account.
2. **When returning the old Lid, you must include the following information:**  
Your name, Company name, Address, Daytime Telephone #, and RPI Account #.
3. **Return the old Lid to the following address: RPI Lid Depot • 611 N. FM1660 • Hutto, TX 78634**

