



5085 Corporate Exchange Blvd. S.E.
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SURGICAL TABLE UNCRATING - INSTRUCTIONS FOR USE

Prior to placing the table into use, the following items must be inspected, verified and calibrated by an authorized Skytron representative.

- Final initialization and completion of the Installation Qualification (IQ) Report is required for Warranty validation.
- Functional testing and cycling.
- Electrical safety testing to include verification by hospital personnel.
- Digital Calibration of the hydraulic systems pressure relief valve. (PRV)
- Inspection of the hydraulic system
- Verification of hydraulic fluid level
- Table has been wiped down to remove rust inhibitor.

Items found to be non-conforming must be addressed prior to placing table into service.

NOTICE

Allow the table to acclimate to the temperature operating range specified in the Skytron table owner's manual before attempting to uncrate or operate the table.

Before uncrating and usage, always contact your SKYTRON representative to ensure proper performance and safety.

Recommended Tools / Utilities for Uncrating/ Testing

- Personal protective equipment (PPE) for eye and hand protection
- Claw hammer
- Nail puller
- Crow bar
- Razor / utility knife
- #2 Phillips head screwdriver
- #2 Phillips drill/driver bit
- Cordless drill/driver
- Adjustable wrench
- Pliers
- Electrical power outlet
- Digital pressure gauge

Uncrating Procedures

Use the following procedures to the uncrate all 1602, 3003, 3500, 3600, 6300, and 6700 series surgical tables.

a. Remove Shipping Crate Box and Wrapping

1. Cut and remove the plastic straps securing the shipping crate box to the shipping crate base (Figure 1).

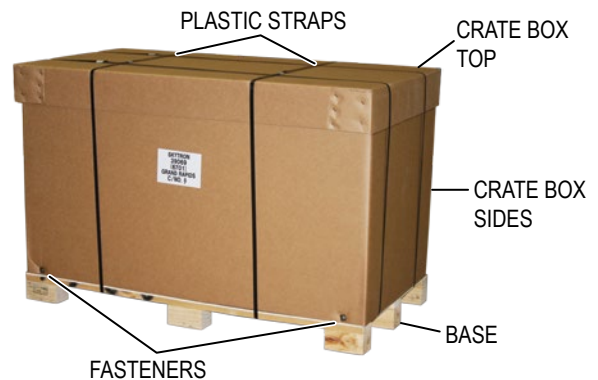


Figure 1. Shipping Crate

2. If the crate box has a separate top, remove the top from the crate box sides.
3. If the crate box is fastened to the base, remove any fasteners using a nail puller or claw hammer.
4. Lift the crate box straight up and over the table.

5. If the table is covered with sealed silver bag and additional wrapping, use a utility knife to cut around the bag at the table base and remove the bag/wrapping.

b. Inspect for Damage

1. Inspect the table thoroughly for shipping damage.
2. Notify the transit company immediately if damage has occurred.

c. Remove Table from Shipping Crate Base

NOTICE

Not all tables will be packaged the same.

1. Remove the Warning Label / Parts Package, Power Cord Package, and Pendant Control from the top of the service access cover and set aside (Figure 2).

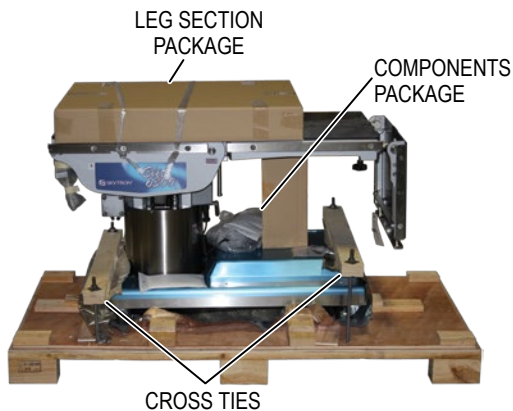


Figure 2. Table and Components (As Shipped)

2. If the table has a removable leg section, cut and remove the plastic straps securing the leg section carton to the table top. Remove the leg section carton and set aside.
3. Cut the tape securing the pendant control. Remove the protective plastic film from the faceplate and set the pendant control on the table top.
4. Use an adjustable wrench to remove the nuts and washers securing the cross tie(s) to the threaded rods. It may be necessary to hold the threaded rod with a pair of pliers or a pipe wrench when removing each nut. Slide the cross tie(s) off the threaded rods and set the cross tie(s), nuts, and washers aside.

CAUTION

Be sure that the table has acclimated to the temperature operating range specified in the Skytron table owner's manual before attempting to operate the table.

5. Press the BATT button on the pendant control to operate the table in the battery mode.
6. Use the TABLE UP button on the pendant control to raise the table just enough to remove the support from the under the table assembly approximately 3 inches (Figure 3).

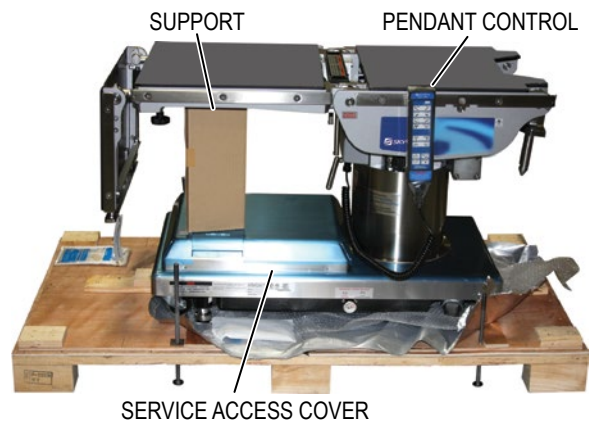


Figure 3. Remove Table Support

7. Remove the four (4) screws securing the service access cover to the table base. Set screws aside for later use.
8. Proceed as follows:
 - If uncrating a 3503, 6302, or 6702 models, proceed to Step 9.
 - If uncrating a 3603 model, proceed to Step 10.
 - If uncrating a 1602 model, proceed to Step 18.
9. Carefully remove the service access cover without disconnecting the auxiliary switch connector from the relay box (Figure 4).

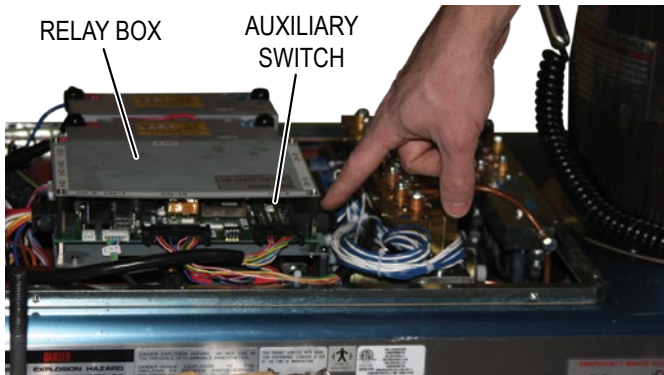


Figure 4. Auxiliary Switch Connector

10. Carefully remove the base connecting plate and rear cover screw. Raise the cover and locate the oil reservoir (Figure 5).

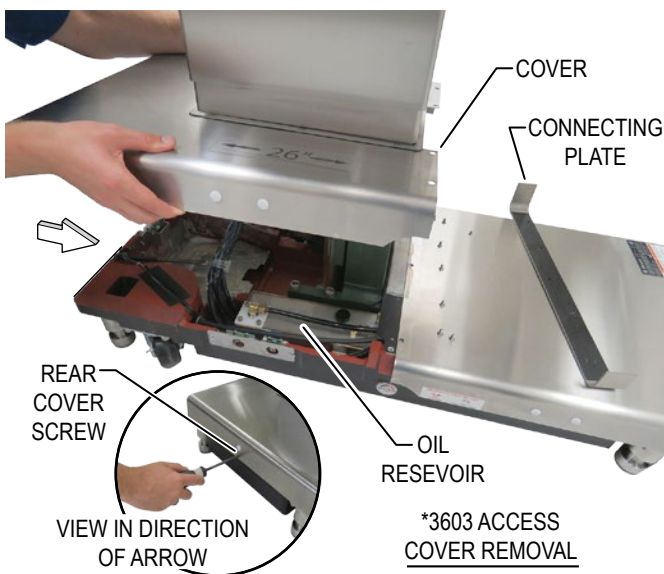


Figure 5. Remove 3603 Access Cover

11. If the oil reservoir has a black oil filler cap with a red stopper, remove the red stopper from the vented oil filler cap (Figure 6).

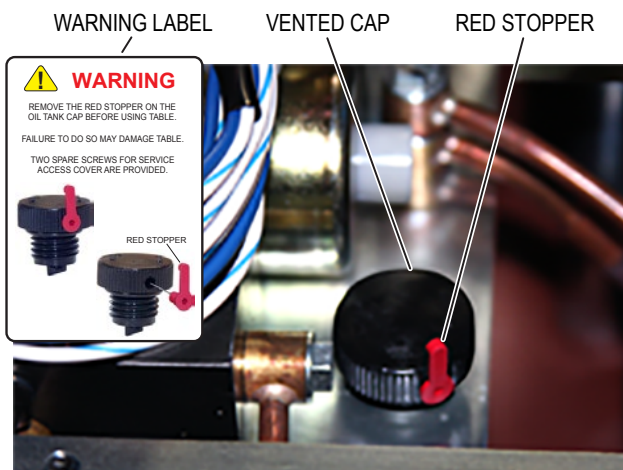


Figure 6. Vented Oil Filler Cap

12. If the oil reservoir has a gray colored filler cap (unvented), replace it with the black filler cap (vented) included in the warning label/parts package.

13. Be sure the auxiliary switch connector is securely connected to the relay box, then re-install the service access cover. Install the screws later.

14. Remove the plastic protective wrapping from the leg attachment pins.

15. Use the LEG UP button on the pendant control to raise both leg attachment pins until they are in the full up position.

16. Remove the leg section from the shipping carton and remove all packaging.

17. Install the leg section onto the leg attachment pins until it fully engages. Pull out the leg section after installation to make sure the release levers are completely locked (Figure 7).

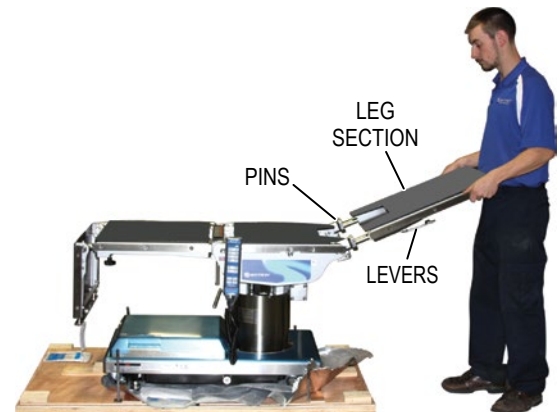


Figure 7. Installing Leg Section Assembly

18. Remove the fasteners that secure the positioning blocks on the head end and sides of the table base to the shipping crate base. Remove the positioning blocks on the head end and sides of the table (Figure 8).

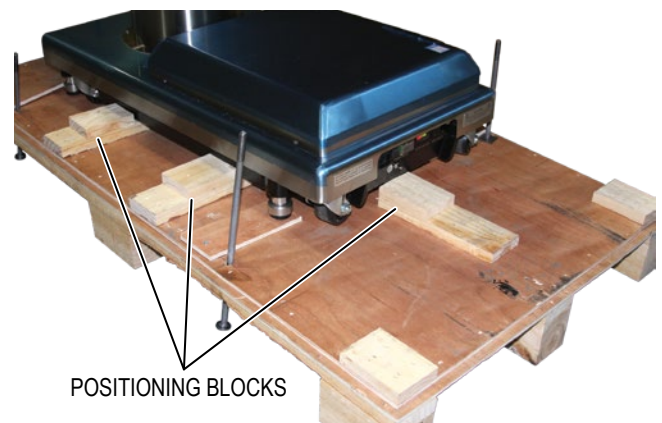


Figure 8. Remove Screws and Positioning Blocks

19. Slide the positioning blocks out from under the table base. Also remove any remaining portions of the sealed silver bag, if applicable (Figure 9).



Figure 9. Remove Side Positioning Blocks

20. Press the appropriate buttons on the pendant control to position the table for easy handling.

21. Use the BRAKE UNLOCK button on the pendant control to release the brakes.

22. If equipped, turn the support pad under each brake - four (4) total, so the table casters will clear them when the table is moved toward the head end of the shipping crate base (Figure 10).



Figure 10. Turn Support Pads



Caution

Assistance by a second individual or employment of lifting devices is recommended for lifting a table. Always follow OSHA recommended lifting procedures to ensure personal safety.

23. Slide the head end of the table off the shipping crate base in the "A" direction. Position it so that just the edge of the table remains on the crate base (Figure 11).

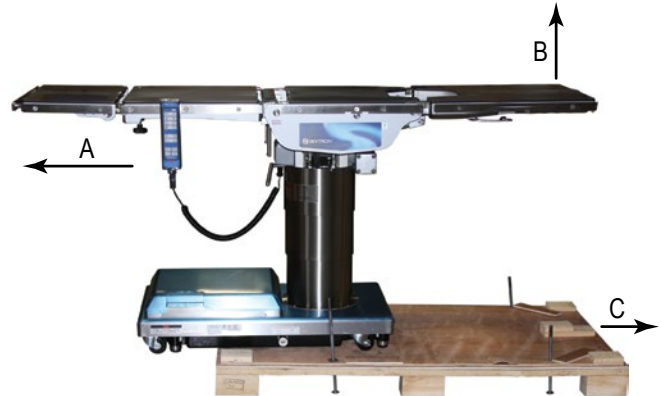


Figure 11. Remove Table from Shipping Crate Base

24. Lift up on the foot end of the table in the "B" direction and slide the shipping crate base out from under the table in the "C" direction. Gently lower foot end of the table onto the floor (Refer to Figure 10).

d. Check Hydraulic System

NOTICE

Ensure that the table has acclimated to the temperature operating range specified in the Skytron table owner's manual before attempting to operate this table.

1. Remove the power cord from the power cord package. Plug the appropriate end of the power cord into the power connector at the base of the table.
2. Plug the other end of the power cord into a power outlet.
3. Use the TABLE UP button on the pendant control to engage the brakes and to raise the table to its maximum height.
4. Cycle all the remaining control functions back and forth 2 or 3 times to purge any air from the hydraulic system.
5. Use the TABLE DOWN button on the pendant control to lower the table to its minimum height.
6. Use the LEVEL button on the pendant control to level all top sections.

7. Use the BRAKE UNLOCK button on the pendant control to release the brakes.
8. Remove the service access cover.

NOTICE

On 3503, 6302, and 6702 models use care not to disconnect the auxiliary switch connector from the relay box (See Figure 4).

9. On the 1602 model:
 - Remove the oil filler cap and check the oil level on the dipstick.
 - If necessary, add hydraulic oil (SKYTRON PN D6-010-90) to the oil reservoir until the appropriate oil level is indicated on the dipstick.
10. On 3503, 3603, 6302, and 6702 models:
 - Remove the vented oil filler cap from the oil reservoir. (See Figure 6.)
 - Inspect the hydraulic oil level in the oil reservoir. The hydraulic oil level should be approximately 1/2 inch (13 mm) below the filler hole gasket surface.
 - If necessary, add hydraulic oil (SKYTRON PN D6-010-90) to the oil reservoir until the oil level is approximately 1/2 inch (13 mm) below the filler hole gasket surface.

11. Clean up any oil spillage, if necessary.
12. Install the oil filler cap on the oil reservoir.
13. Re-install the service access cover.

NOTICE

On 3503, 6302, and 6702 models, ensure the auxiliary switch connector is securely connected to the relay box before installing the service access cover.

14. Secure the service access cover to the table base using the previously removed screws.
15. Check the pressure relief valve setting using a digital pressure gauge. Adjust the pressure relief valve if necessary.

e. Discard Packaging Materials

NOTICE

It is recommended that you save all packaging materials until the surgical table is thoroughly tested.

Check the shipping crate components thoroughly for table parts and accessories before discarding. The pad set may be attached to the crate box top.

REVISION HISTORY

Date	Revision	Revision History
01/29/2013	0	Initial release.
02/05/15	1	<ul style="list-style-type: none"> Replaced all references to 1700 tables to 1602 Adapted instructions to accommodate uncrating of 1602 table Added Revision History.
06/27/17	2	<ul style="list-style-type: none"> Page 2. Changed table uncrating reference from 3502, 3602, 6302, or 6702 model to 3503, 6302, or 6702 model. Added uncrating reference 3603. Page 3. Added step 10 and Figure 5 for 3603 cover removal Page 5. Step 14, changed "four (4) screws removed earlier" to "previously removed screws". Added page's 7 & 8.

NOTES



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