

Description	Qty
Lift Actuator	2
Clevis Pin with Cotter	4

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This is the safety alert symbol. It is used to alert you to potential physical injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.



DANGER Indicates a hazardous situation that, if not avoided, will result in death or serious injury.



WARNING indicates a hazardous situation which, if not avoided, could result in death or serious injury.



CAUTION indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.

Tools and Materials Required:

- 1/8" Allen Wrench
- 3/16" or 5mm Allen Wrench
- 3/8" Nut Driver or Socket & Ratchet
- 7/16" Nut Driver or Socket & Ratchet
- 1/2" or 13mm Socket & Ratchet

- T 20 Torx Wrench
- 1/8" Flat Blade Screwdriver
- 3/8" Flat Blade Screwdriver
- Long Needle Nose Pliers
- Support Device

Top Shroud Removal:

1. Raise the backrest to the full vertical position
2. Raise or lower the seat until the Top Shroud is parallel to the floor.

Note: You may not be able to move the seat to this position. The Top Shroud can still be removed regardless of position, but removal will be somewhat more difficult.

Top Shroud



3. Remove the (2) Top Shroud screws.



- Remove Top Shroud by lifting straight up.



Box Shroud Removal:

- Raise seat to the full up position.

Note: If the seat lift is nonfunctional the seat may be raised using a lifting device designed for this purpose (the seat section weighs approximately 100 lbs). Be sure to utilize nonmarring straps, slings, or other devices to prevent damage to the unit when lifting. Swing grab bars out of the way to prevent damage by lifting device.



- Disconnect power cord from the wall receptacle.

⚠ WARNING	
	<p>Shock Hazard</p> <p>Disconnect power by removing plug from the power outlet before servicing table.</p>

- Place a support device, rated for a minimum of 100 lbs, beneath the seat front section.

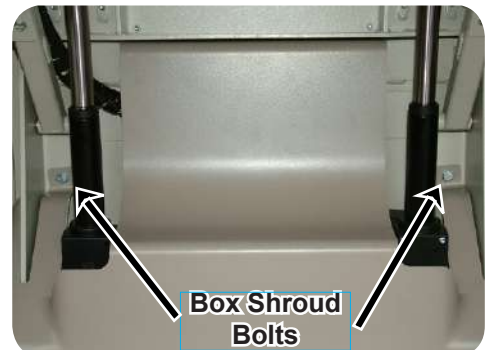
⚠ WARNING	
	<p>Crush Hazard</p> <p>Failure to support seat section during service could result in death or serious injury.</p>

Support Device

Box Shroud



- Remove the (2) Box Shroud bolts



5. Remove Box Shroud



Actuator Removal and Replacement:


1. Separate the two halves of the green/yellow wire Molex connector. (This disables the safety switches located at the base of the front section).



- 2. Plug table into wall receptacle. Make sure on/off switch located at rear of storage cabinet is set to on.
- 3. Press "Seat Down" pedal on foot. Actuators should run and then stop after approximately 20 seconds.

Note: When performing this step the internal actuator mechanisms will retract (if the actuators are functioning properly), but they will not create a downward force against the lift structure.

4. Disconnect power cord from the wall receptacle.

⚠ WARNING	
	<p>Shock Hazard</p> <p>Disconnect power by removing plug from the power outlet before servicing table.</p>

- 5. Remove cotter pin clip from the clevis pin at the top of both actuators (where they connect to the lifting structure).
- 6. Remove the clevis pin from the top of both actuators. If clevis pin will not pull out easily seat may need to be raised slightly to relieve pressure on actuator.



101367 Lift Actuator Replacement For Brewer Access and FLEX High-Low Tables

7. Remove the cotter pin clip and clevis pin from the bottom of both actuators.



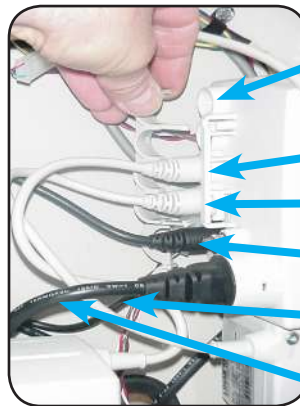
Clevis Pin Cotter Pin

8. Carefully bend out control box locking tab to release cable locking clip tine. Caution: bend tab out just enough to release tine. Over bending may cause tab to break.

Cable Locking Clip Tine (push down after bending control box locking tab out of way)

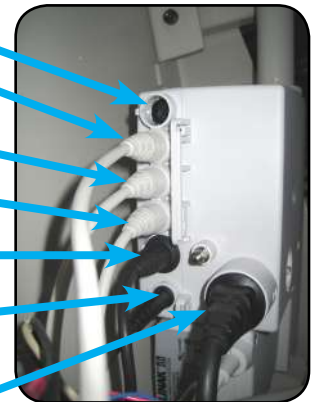


9. Remove cable retaining clip from control box.
10. Unplug the two lift actuator cables from control box



Manual Back

Not Used
Backrest Actuator
Lift Actuator
Lift Actuator
Foot Control
Power Out for Foot Control
120 VAC Power In



Power Back

11. Remove actuator located on RH side (from a seated patient's perspective) of lift structure. The actuator shaft can be pushed into the body of the actuator for removal. If the shaft does not push in, it can be retracted by rotating clockwise as shown at right.

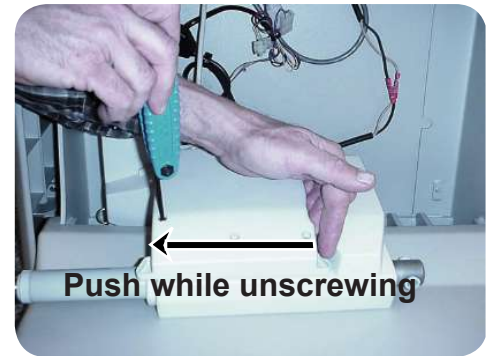
12. Install new actuator on RH side.

13. Attach bottom clevis and cotter pin.

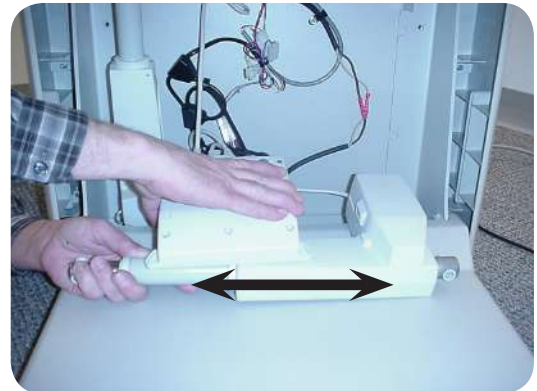
14. Pull shaft out of actuator body and attach top clevis and cotter pin.



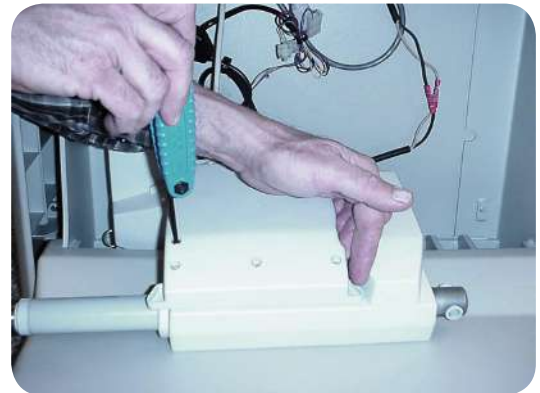
- 15. Swing LH side actuator out to access the control box attached to the actuator.
- 16. Remove the screw (T20 Torx) that secures the control box to the actuator.
- 17. Slide control box off of actuator.



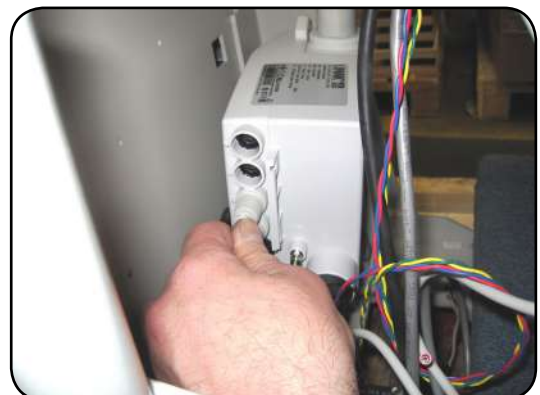
- 18. Slide control box onto new actuator.



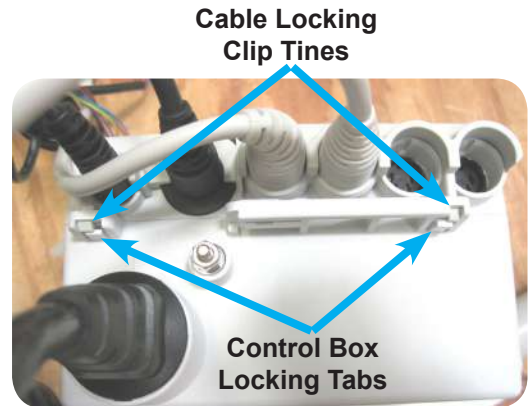
- 19. Secure control box to actuator with Torx screw.
- 20. Place new LH side actuator into position.
- 21. Insert lower clevis and cotter pin.
- 22. Pull shaft out of actuator body and attach top clevis and cotter pin.



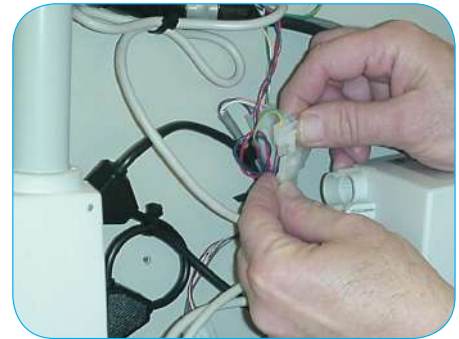
- 23. Reconnect actuator wires to control box.



24. Make sure that all plugs are fully inserted into control box. Reinstall cable locking clip. Make sure cable locking clip tines lock into control box, and control box locking tabs are under tines securing them in place. Note: Control box at right shown on bench for clarity.

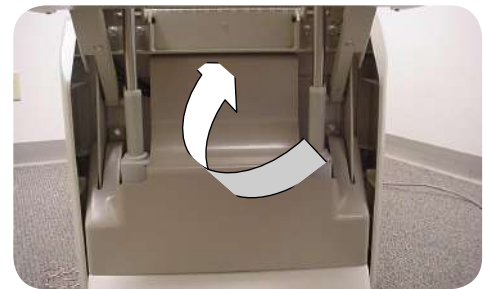


25. Reconnect green/yellow wire Molex connector halves.



Note: Be sure that all wires, tools, etc are clear from moving parts that may cause damage.

26. Install Box Shroud. Make sure top of Box Shroud is positioned below horizontal frame member. Damage could occur if Box Shroud is positioned over frame member.



Box Shroud Positioned Under Frame Member

Note: When performing next step, the actuators will run for approximately 20 seconds.

27. Plug table into wall receptacle. Wait approximately 20 seconds for internal actuator mechanism to extend.
28. Remove support device from beneath seat.
29. Perform all functions to ensure proper operation of the table.
30. Raise safety plate under seat section to ensure seat rises.
31. Position seat so it is approximately the same height as the rear storage section.
32. Install the Top Shroud using 2 screws.
33. Operate seat up and down to ensure that Top Shroud moves freely.

