

## QQ-30301 31X XL BACK WITH FRAME

**Product:** - 31X RECLINERS

**Tools Required:**  
 -#1 PHILLIPS SCREWDRIVER  
 -#2 PHILLIPS SCREWDRIVER  
 -NEEDLE NOSE PLIERS  
 -SIDE CUTTERS  
 -PRY TOOL

**Tools Recommended:**  
 -#2 PHILLIPS BIT  
 -IMPACT GUN  
 -UTILITY KNIFE

**Components Supplied:**  
 -BACK ASSEMBLY-XL  
 -INSTALLATION HARDWARE

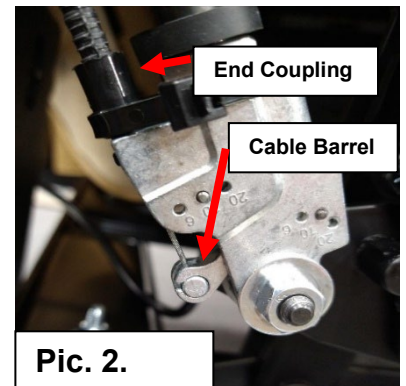
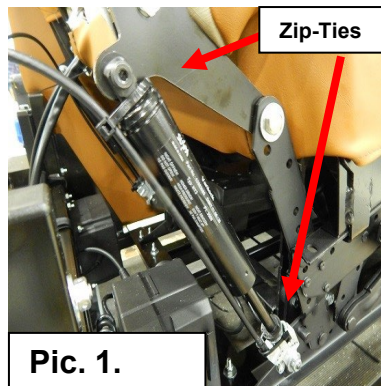
**⚠ CAUTION:** This part was designed for a specific repair, based on the build of the chair from the serial number you provided. If the part is used on another chair, you may get unexpected results. Discard these directions once the repair is complete.

**Directions:**

Please read all the directions before beginning the repair. Refer back to the directions as you make the replacement. Call if you have any questions or problems. Suggested tools are not required. Note that references to “left” or “right” are determined from the seated position.

**⚠ CAUTION:** This chair has moving parts that may create pinch points. Work or cleaning should be performed only in the upright position with the chair latched or in the full recline position. Keep your hands clear of the mechanism when moving the chair from one position to another.

1. Assemble your tools and move the chair to your chosen work area.
2. Lock the casters, a carpeted work area is suggested.
3. Place chair into the recline position. **If your chair is a “no-trend” chair:** Skip to step 8. **If your chair is equipped with the “trend” feature:** Locate the trend cables coming from the bottom of the back at the rear of the chair.
4. Use side cutters to cut the zip-ties at the top and the bottom of the gas strut. See picture 1.
5. Detach the trend cable end coupling from the gas-strut release head with a pry tool. See picture 2.
6. Remove the cable barrel from the gas-strut release-head. See picture 2. Repeat steps 4-6 for opposite side.
7. Locate the red thumb knobs (001674) in the back of the chair. Remove the red thumb knobs that hold the back to the bracket, use



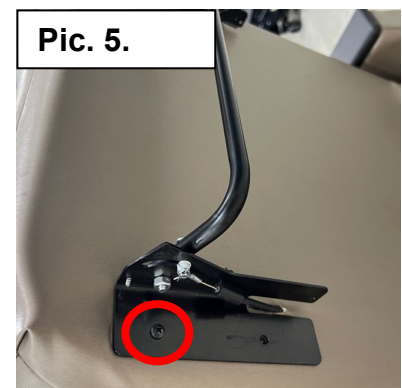
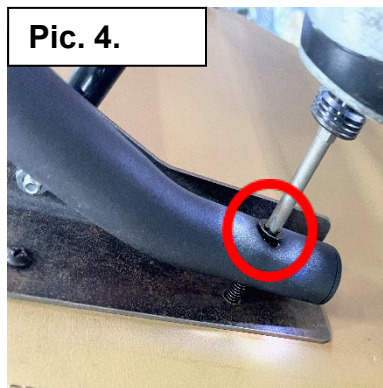
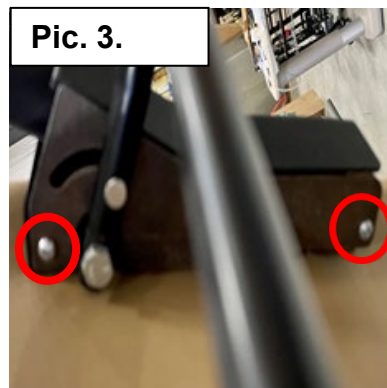
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pliers if necessary. You may discard removed hardware; replacements are provided for this installation.

8. Lift the back assembly from the chair and set it aside. **\*NOTE: THE TREND CABLE ASSEMBLY AND HANDLES WILL BE USED FROM THE PREVIOUS CHAIR IF ONE IS NOT ORDERED WITH THIS INSTALLATION.**
9. Place the new back in an upright position with the flat side towards the back of the chair.
10. Align the mounting brackets on the back frame to the mounting brackets on the mechanism. Slide the back onto the mechanism mounting bracket.
11. Locate the holes for the red thumb knobs in the back of the chair. Screw in the red thumb knobs (001674) tight. Use pliers to install if necessary.
12. **If your chair is a “no-trend” chair your installation is complete. Verify proper installation by actuating the chair into recline. If your chair is equipped with “trend” proceed to the TREND REPLACEMENT instruction.**

### TREND REPLACEMENT:

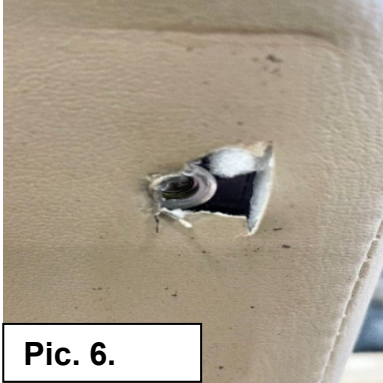
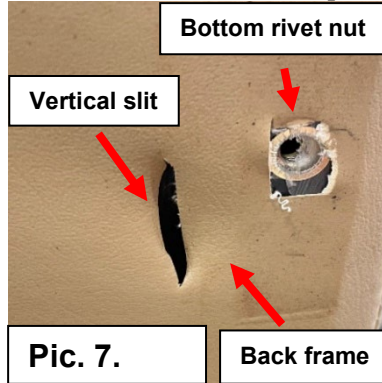
1. Move the back assembly that was removed in this install to your chosen work area.
2. Near the push handle, locate the trend covers on the left-hand and right-hand sides (002121 & 002122).
3. Use a #1 Phillips screwdriver to remove the 2 screws (SC-619516PPHZ) securing each trend cover to the trend brackets (DO NOT DISCARD HARDWARE). See picture 3. Set trend covers and hardware aside.
4. Use a #2 Phillips screwdriver to remove the 2 screws (SC-14134B) securing the push handle. See picture 4. (DO NOT DISCARD HARDWARE) Set Push handle and hardware aside.
5. The components that remain will be removed fully assembled. Using a #2 Phillips screwdriver, remove the screw (001631) securing each trend bracket (002068 & 002069). See picture 5. Carefully remove the complete assembly with handle and cables attached. This assembly will be re-used on the new back provided. Set aside the old back to discard.



6. On the replacement back, verify back upholstery is acceptable before cutting material over rivet nut holes. ✓

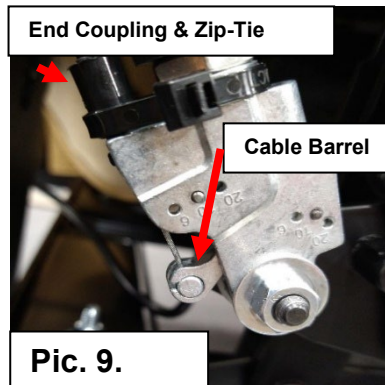
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7. Locate 2 rivet nuts in each upper corner of the back frame and cut out material over each rivet nut or make “X” shaped cuts through the upholstery. See picture 6— or reference the removed back assembly.
8. Locate the inside edge of the back frame (across from rivet nuts in step 2) and make a vertical slit approximately an ¼” long parallel to the bottom rivet nut along the back frame edge. Repeat on other side. See picture 7.
9. Using the assembly removed in step 5, Insert the trend cables (002126) through the vertical slits. Use a #2 Phillips screwdriver and screw (001631) to attach the trend bracket to the top rivet nut. Repeat on other side. See picture 8.

**Pic. 6.****Pic. 7.****Pic. 8.**

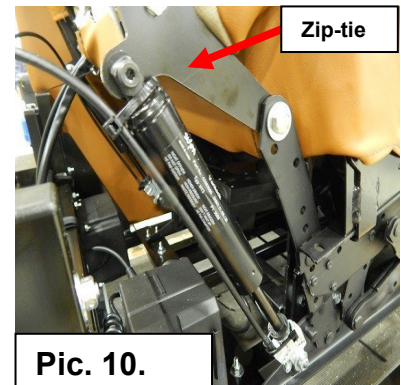
10. From inside the pillow, find the cable barrel-ends of the installed trend cables.
  - a. \*Make sure the cable from the right side of the back is routed to the left release head.
  - b. \*Make sure the cable from the left side of the back is routed to the right release head.

11. Secure the trend cable end coupling to the release head. See picture 9.

**Pic. 9.**

12. Install the trend cable barrel into the bottom of the release head (Pic. 9). Verify the barrel is secure.

13. Use a zip tie around the end coupling and the washers of the gas strut. \*Make sure the zip-tie is tight (Pic. 9).

**Pic. 10.**

14. Use a zip-tie around the mounting bracket on the mechanism. \*Zip-tie can be loose to hold cable. See picture 8.

15. Repeat steps 13-14 for other side.

16. Check to make sure the back is assembled correct and functional. Verify the trend feature is operational before completing the installation.

17. Align the push handle removed in step 4 to the back-frame mounting holes. Insert 2 screws (SC-14134B) and tighten with a #2 Phillips screwdriver (or recommended tools).

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18. Re-install covers and hardware set aside in step 3. Use a #1 Phillips screwdriver and 2 screws (SC-619516PPHZ) to secure each trend cover to the trend brackets.
19. Verify proper installation and that the chair is functional.