

REPLACING THE BACKREST

To ensure that Human Touch® products are repaired in a manner that is fully consistent with the practices used during the manufacturing process, Human Touch requires that all product repairs are performed using only factory-new parts and in accordance with these product repair instructions.

SERVICE LEVEL: 3

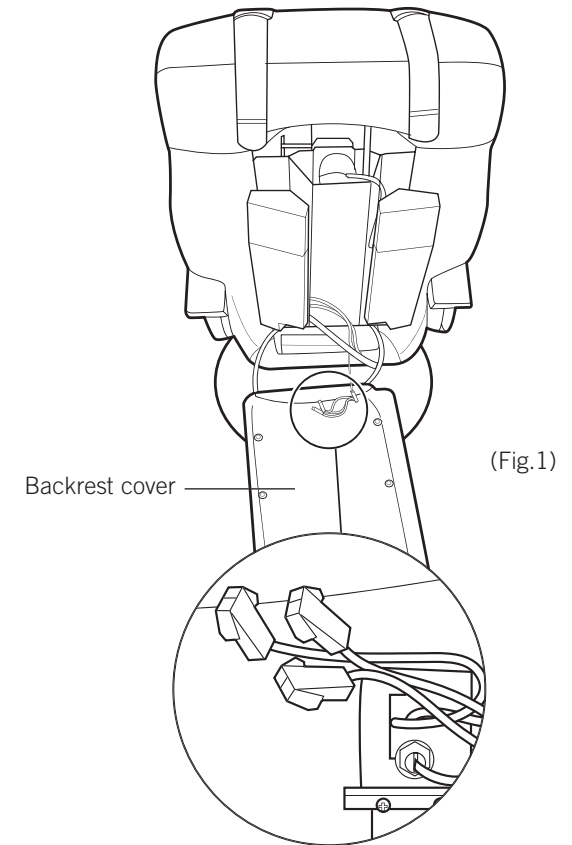
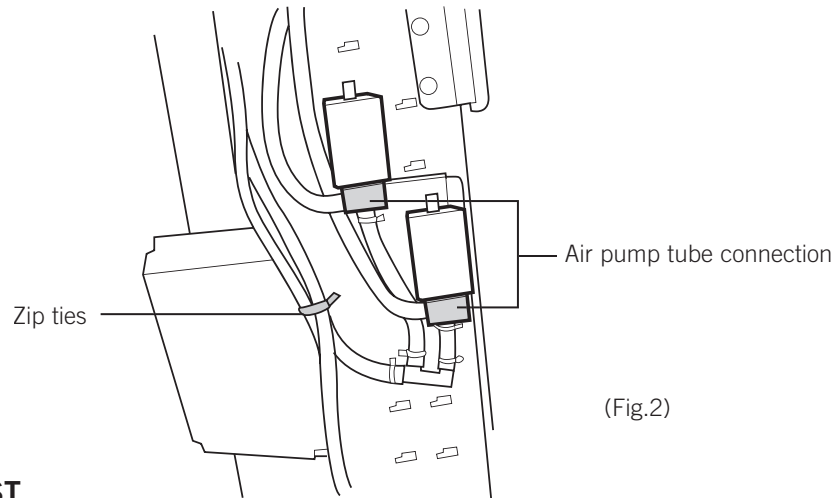
Tools Required: Needle-nosed pliers, vice grip, Phillips-head screwdriver, 5/32-inch (4 mm) Allen key, small hammer, nail clipper or other instrument suitable for cutting zip ties, new zip ties.

NOTE: This procedure can be completed by one person, although having a second person is helpful when installing the new backrest. **SAVE ALL SCREWS FOR USE DURING REASSEMBLY.**

REMOVING THE BACKREST

DISCONNECT THE AIR PUMP

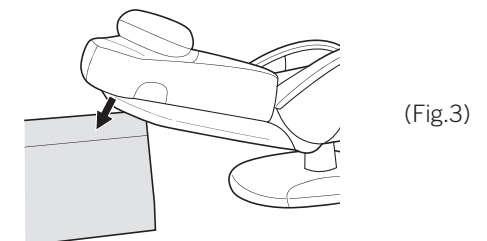
1. Power off the chair and unplug it.
2. Using a 5/32-inch (4 mm) Allen key, remove the four screws from the backrest cover.
3. Tip the backrest cover backward and lay it gently on the floor behind the chair. (Fig.1).
4. Locate the two air pump tube connections to the backrest (Fig.2).
5. Mark each tube and its corresponding fitting, to use as reference when reconnecting the new air pump. The tubes must be connected to the correct fitting.
6. Using a nail clipper (or other instrument suitable for cutting zip ties), cut the zip ties that secure the two tubes to the backrest, then remove the tubes from the backrest.



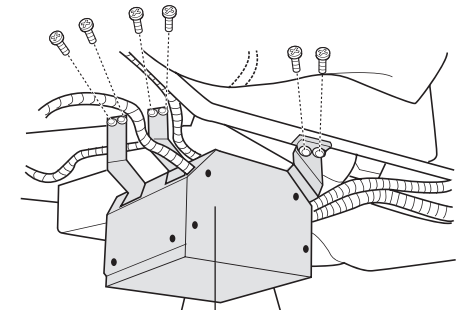
DISCONNECT THE BACKREST

1. Power the chair back on, use the remote control to completely recline the backrest, then power the chair back off and unplug it.
2. Disconnect the three connectors at the base of the backrest cover, then remove the backrest cover from the chair (Fig.1).
3. Place a sturdy object, such as a heavy box or ottoman, under the reclined backrest for support (Fig.3).

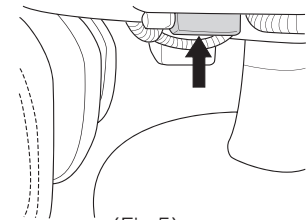
NOTE: This is necessary as, once the recline actuator is disengaged, the backrest swings freely.



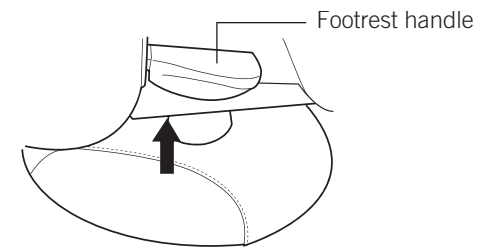
4. Locate the air pump box (metal box) on the bottom left-hand side of the chair (Fig.4).
5. Using a small Phillips-head screwdriver, remove the six screws that secure the air pump, then remove the air pump (Fig.4).
6. Locate the connector box on the bottom left-hand side of the chair, near the foot and calf massager (Fig.5).
7. Using a Phillips-head screwdriver, remove the two screws that secure the connector boxcover, remove the cover, then disconnect the two connectors.
8. Locate the connector box on the bottom right-hand side of the chair, near the footrest handle (Fig.6).
9. Using a Phillips-head screwdriver, remove the two screws that secure the connector box cover, remove the cover, then disconnect the three connectors.
10. Remove all zip ties that secure the two backrest connectors to the bottom of the chair.
11. Detach the upholstered flap at the bottom of the backrest from the hook and loop fasteners on the bottom of the chair base.
12. Pull gently outward on one of the side panel covers to remove it (Fig.7).
13. Using a needle-nosed pliers, remove the cotter pin from the side panel (Fig.8).
14. Using a vice grip, pry the hinge pin loose from the side panel then remove it.
15. Remove the two spacers from between the backrest and the chair base (Fig.9).
16. Repeat steps 12-15 on the other side panel.
17. Press the silver backrest release lever, located on the bottom of the backrest, to release the backrest from the actuator.
18. Pull the backrest up and off the chair base.



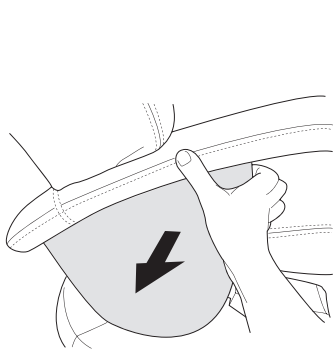
Air pump box
(Fig.4)



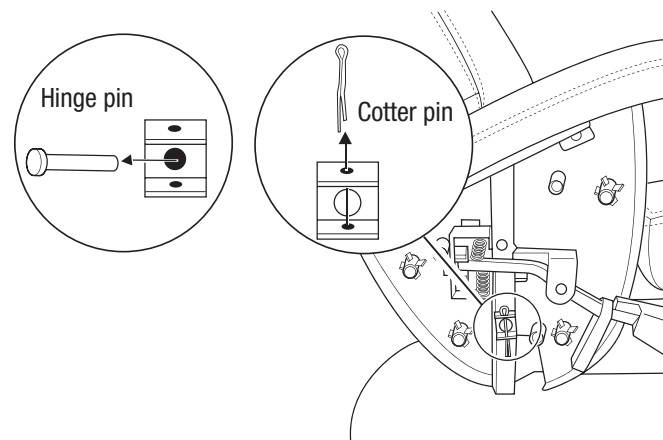
(Fig.5)



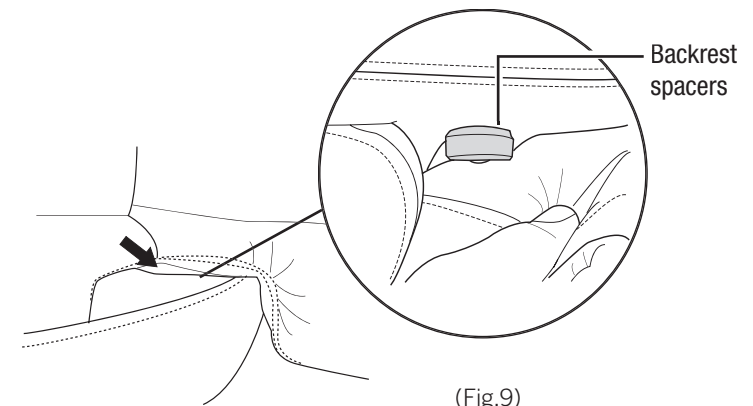
(Fig.6)



(Fig.7)



(Fig.8)



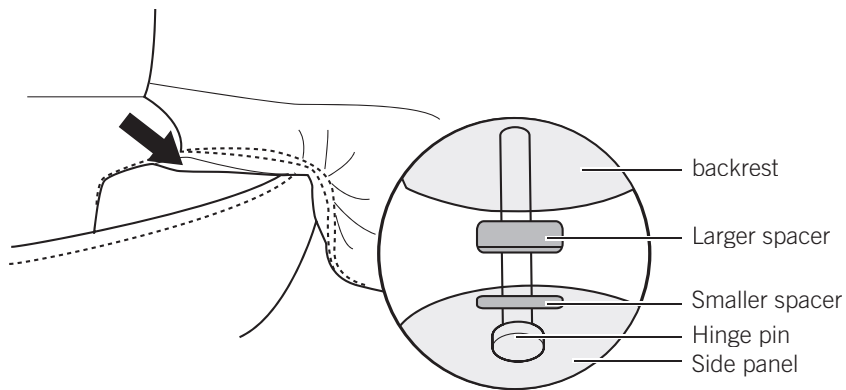
(Fig.9)

INSTALLING THE NEW BACKREST

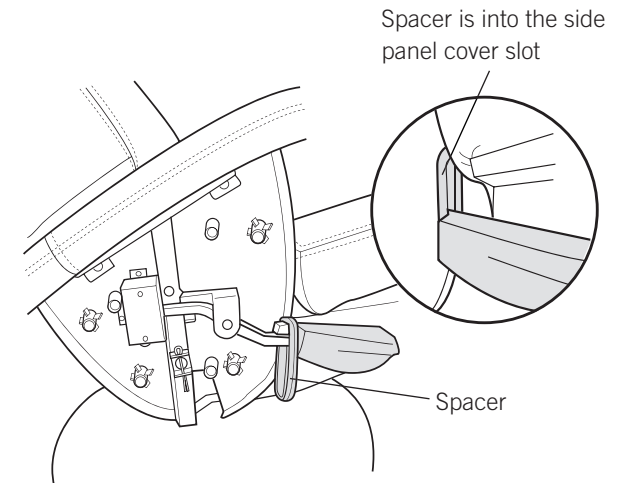
ATTACH THE BACKREST

1. Position the new backrest onto the new chair base, supporting it with the sturdy object you used when removing the backrest.
2. Verify that the backrest automatically latched into the recline actuator, at the base of the backrest.
3. From the outside of one of the side panels, insert the hinge pin through the hole, just until it is visible on the inside of the side panel.
4. Place the two spacers into position on the inside of the side panel, with the smaller spacer between the larger spacer and the side panel, then push the hinge pin through both spacers (Fig.10).
5. Use your fingers to locate the circular bracket in the side of the backrest before attempting to insert the hinge pin into the backrest. You can easily locate the hole by pushing firmly inward on the side of the backrest until you feel the metal bracket beneath the upholstery.
6. Insert the hinge pin as far into the bracket as possible, then use a small hammer to install it completely into the bracket.
7. Insert the cotter pin into the hinge pin, then use a needle-nosed pliers to bend the ends back.
8. Replace the side panel cover, by aligning the mounting posts on the inside of the cover with the mounting post guides on the chair, then pushing the cover firmly into place (Fig.12).

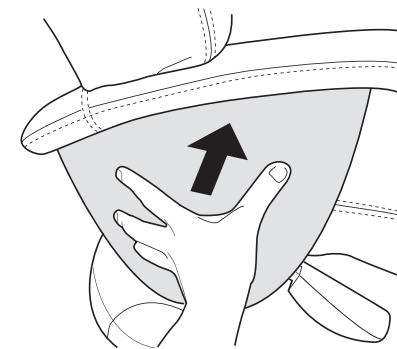
NOTE: Before installing the right-hand side panel cover, you must position the spacer as shown in Fig. 11. Once the side panel cover is installed, push the spacer into the side panel cover slot.



(Fig.10)



(Fig.11)



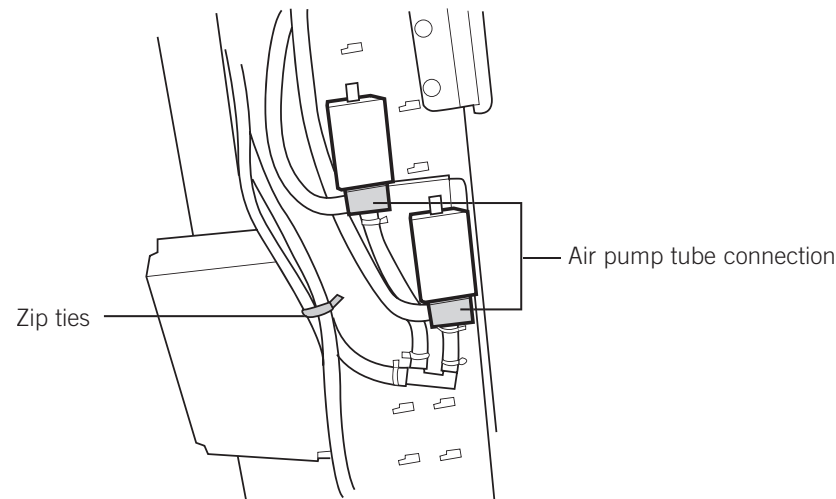
(Fig.12)

9. Repeat steps 3 - 8 on the other side panel.
10. Reconnect the cables at the connector box on the bottom right-hand side of the chair, near the footrest handle (Fig. 5).
11. Using a Phillips-head screwdriver, secure the connector box cover using the two screws you removed earlier.
12. Reconnect the cables at the connector box on the bottom left side of the chair, near the foot and calf massager (Fig.4).
13. Using a Phillips-head screwdriver, secure the connector box cover using the two screws you removed earlier.
14. Replace the zip ties you removed previously, to secure the two backrest connectors to the bottom of the chair.
15. Place the air pump into position, then secure it using the six screws.
16. Attach the upholstered flap at the bottom of the backrest to the hook and loop fasteners on the bottom of the chair base.
17. Place the backrest cover on the floor behind the new backrest, then connect the three connectors (Fig.13).
18. Plug in and power on the chair and verify that both the massage and recline functions work.

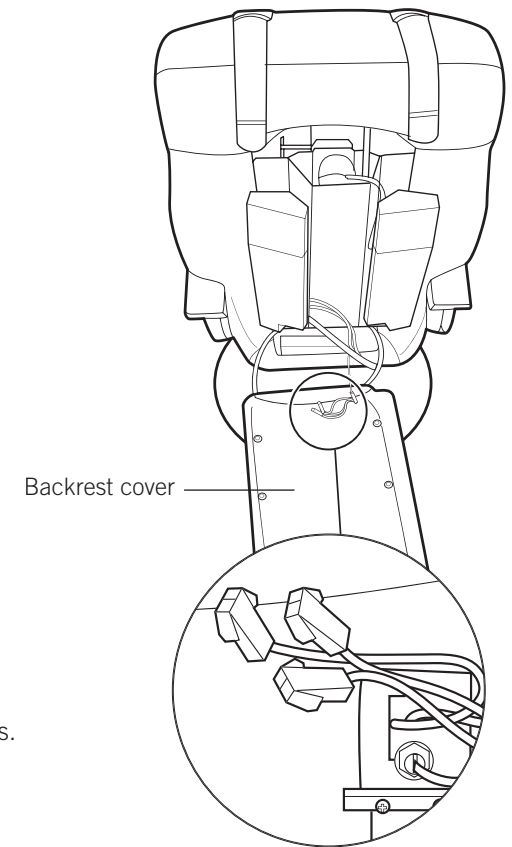
CONNECT THE AIR PUMP

1. Use the remote control to raise the backrest to an upright position.
2. Power off the chair and unplug it.
3. Connect the two air pump tubes to the backrest, as shown (Fig.14). Be sure to connect each tube to the correct fitting.
4. Place the backrest into position, then, using a 5/32-inch (4 mm) Allen key, replace the four backrest screws.

NOTE: Be sure to use the two longer screws in the upper screw holes and the two shorter screws in the lower screw holes.
5. Plug in and power on the chair, then test the massage comfort control to ensure that the air pump is working.



(Fig.14)



(Fig.13)