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ADK208 MAIN CABLE ASSEMBLY INSTALLATION INSTRUCTIONS



Warning – High Voltage

Hazardous voltages are present. Unplug the chair from the power source before servicing. Failure to do so could result in serious injury or death.



Important Note

Please Read Before You Begin Step #1

Before replacing any cable from the chair, pay close attention to the position of the cable. Be sure to note how the cable is routed around the base of the backrest and the swivel area. The new cable will need to be routed in the exact same way. Make sure there are no pinch points where the new cable could become cut, crushed or stretched. In addition, when replacing the old cable ties and clamps with new ones, be sure to position them in the same location as they were found.

1. Run the chair seat to full upright position and the chair back to the full down position to gain easy access to the chair base.
2. Remove power to the chair by unplugging it from the wall.
3. Remove the upholstery and all body panels.
4. Remove the old Main Cable. See **Important Note** above.
5. Install new Main Cable Assembly (RPI Part #ADK208).
6. Install new Friction Liner and Cable Ties that are included in the Kit so that the Main Cable Assembly moves freely under it. Do not over tighten the two (2) Cable Ties (RPI Part #RPT083). See **Figure 1, Item A**.
7. Attach the new Spring (included in Kit) by looping one end around the Hydraulic Cylinder Fitting, placing the Spring along side the body of the Hydraulic Cylinder, and then penciling a mark on the Hydraulic Cylinder at the opposite end of the Spring. See **Figure 1, Item B**. Then pencil another mark 1/4" towards the top of the Cylinder.

8. Attach the Spring to the Nylon Cable Clamp attached to the Main Cable (See **Figure 1, Item C**) and then adjust the Spring tension by pulling the Main Cable towards the headrest, underneath the Cable Clamp (See **Figure 1, Item D**). Keep pulling it until the end of the Spring reaches the second pencil mark from Step #7. Tighten the Cable Clamp to secure Harness with pre-set Spring tension.
9. Recheck all connections, cable clamps and cable ties to ensure that they were installed in their proper locations, and see **Figure 2** regarding the proper placement of the "I", "C" and "O" connectors as they can be easily misconnected.
10. Plug the chair back into the wall and check all chair functions and then reattach all body panels and upholstery and check all chair functions again.

Figure 2

Switch Assembly (Tilt Limit) Interconnections

The I, C and O connectors can be easily misconnected, so refer to this diagram for assistance when conducting a final check of all the connections, cable clamps and cable ties.

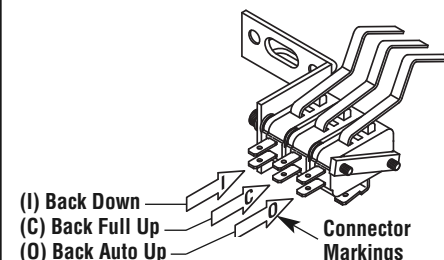


Figure 1

Installation Detail of Main Cable Assembly (RPI Part #ADK208)

