



REVO FULL RECLINE ASSEMBLY REPLACEMENT INSTRUCTIONS

TOOLS NEEDED:

17mm Open Ended Wrench
7/16" Open Ended Wrench
Needle-nosed Pliers
Channel-Lock Pliers
Small, Flathead Screwdriver
Blue Loctite™ or Equivalent Thread Locker

PARTS NEEDED:

Qty1: Push Button Assembly (WM PN: 018681)
Qty1: Gas Spring (WM PN: 018679)
Qty1: Gas Spring Ultra-Soft Release Head (WM PN: 018680)
Qty1: Gas Spring Accessory Nut (WM PN: 018710)
Qty2: ¼"-20 x 1 ¼" Hex Bolt w/ Patch (WM PN: 018997)
Qty2: ¼"-20 SS Nylon Lock Nut (WM PN: 017837)
Qty2: Washer, ¼" Flat Nylon (WM PN: 011364)



WIELAND MOTION

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STEPS:

DISASSEMBLE

1. Start by removing the seat cushion from the chair. There are 4 hex head bolts holding the seat onto the frame, one on each side and two toward the rear. Using the 7/16" opened end wrench, or a socket and ratchet, remove the four bolts.



2. On the bottom of the chair, using the needle-nosed pliers, bend the clips back to be able to remove them from the pins, they will not be reused.



3. Remove the Pins and remove the cylinder from under the chair.





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4. Unclip the cable end from the release head of the cylinder. The Cylinder is now free.



5. Flip the chair back over and locate the aluminum nut on the backside of the Push Button case. Using the channel-lock pliers, remove the nut from the case.



6. Once the nut is off the cable assembly, the assembly can be removed from the chair frame.



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ASSEMBLE

1. Locate the new Push button cable assembly. If the Aluminum nut is on the case, remove it.



2. Insert the cable assembly into the hole in the chair. Run the nut over the cable on the inside of the chair and start threading it onto the aluminum push button case.



3. Using the blue Loctite™, spread a small amount on the threads of the case close to the inside face of the rotocast frame.





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4. Thread the nut the rest of the way onto the case. The nut should be hand tightened.



5. Thread the end of the cable through to the bottom of the chair



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6. Locate the ¼-20 x ¼ hex bolts, the nylon lock nuts and the nylon washers. Making sure that the end of the cylinder that is not the release head is oriented at the rear of the chair, feed the bolt through the brackets, the washers, and the cylinder end. The washers should sandwich the cylinder end between them.



7. The release head end of the cylinder is attached the same way, just without the washers.

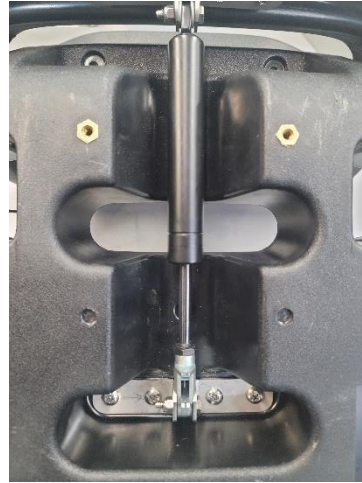




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8. Thread the nylon lock nuts onto the bolts. Fully tighten the nuts so that there is no free movement of the cylinder in the brackets.

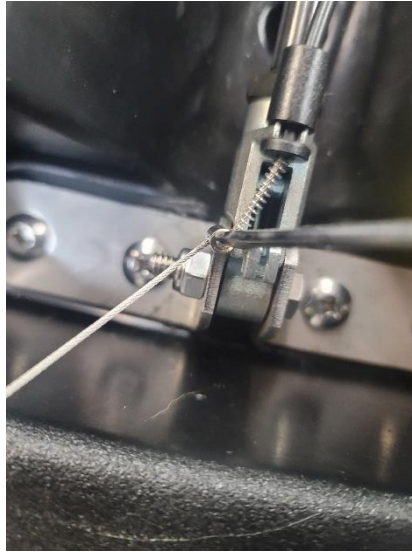


9. Clip the end of the cable assembly into the release head of the cylinder assembly. There should be a solid "Pop" into place.



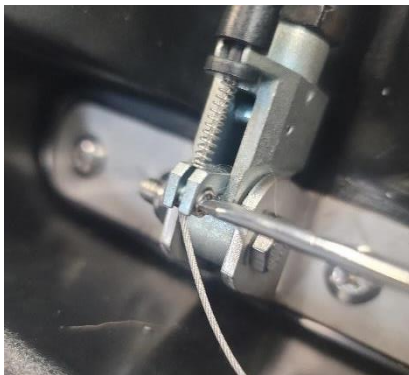
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10. Using the small flathead screwdriver, loosen the set screw on the cable stop nut.



11. Making sure the spring on the cable is between the plastic clip and the trigger of the release head, align the cable in the cut in the release head.

12. Slide the cable stop nut down into the trigger, making sure the cable is taught, tighten the set screw in the cable stop nut fully. It is very important that the set screw be fully tightened as failure to do so can result in slippage of the stop nut and lack of functionality of the recline mechanism.





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13. Thread the extra cable back under the release head between the brackets to keep the end out of the way while the slider is reinstalled. Failure to do so can result in the end of the cable being caught between the slider and chair.



14. Using the same four bolts, reinstall the seat cushion onto the chair and fully tighten with the 7/16" wrench.

