

Parts Required:

- Cylinder
- Double Cable & Handle
- 2x Actuators
- Levers & Cable Clips

Tools Used:

- 2 ½" Wrench
- 17mm Wrench
- #2 Robertson Screwdriver



Step 1:

Remove the cable Tie holding the cable to the tilt bar.



Step 2:

Using a #2 Robertson screwdriver, remove screw from Recline handle.



Step 3:

Using a ½" Wrench remove bolts & spacers from the top of the recline cylinder.



Step 4:

Using a 17mm wrench, loosen the black cylinder nut, on the bottom of the cylinder.



Step 5:

Swing cable clip out of the way to release the cable from the cylinder actuator head.



Step 6:

Remove the end of the cable from the actuator. Using a ½" Wrench, Remove the Bolts from the actuator. Remove the cylinder from the chair.



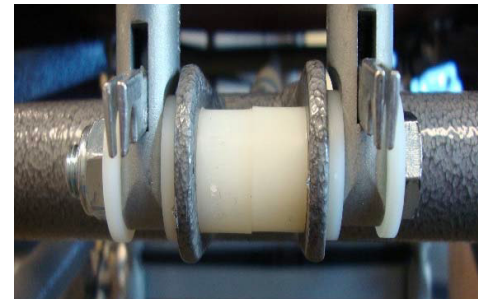
Step 7:

Using a #2 Robertson screw driver, attach the new Double Cable Handle to the recline bar.



Step 8:

Take one $\frac{5}{16}$ -18 x 3- $\frac{1}{2}$ " long bolt, pass through a #1 spacer, followed by one of the cylinders and a second #1 spacer. Pass the bolt through the first metal tab, followed by two #4 spacers, the second metal tab, followed by a #1 spacers, Second cylinder and a #1 spacer. Secure with a $\frac{5}{16}$ -18 nylon locking nut. Tighten with $\frac{1}{2}$ Wrench.



Step 9:

Take one $\frac{5}{16}$ -18 x 3- $\frac{1}{2}$ " long bolt, pass through a #1 spacer, followed by one of the cylinders and a second #1 spacer. Pass the bolt through the first metal tab, followed by two #4 spacers, the second metal tab, followed by a #1 spacers, Second cylinder and a #1 spacer. Secure with a $\frac{5}{16}$ -18 nylon locking nut. Tighten with $\frac{1}{2}$ Wrench.



Step 10:

Note: Route the cables on either side of the cylinders. See picture.



Step 11:

Attach the cables to the recline cylinder actuator head levers.



Step 12:

Secure cable clips over the cables installed in step 11

Step 13:

Secure Cables to the Tilt Bar with a new zip tie



For more information:

Please contact Broda Customer Care at 1-800-668-0637