

## **Service Solution (SS-0345)**

**Product:** RGP Assistant Stool – Removal of Cylinder

**Object:** Removing the cylinder from the mechanism of the chair for replacement or return shipment.

**Tools:** Large Ball peen or Claw Hammer

### **Procedures:**

1. Remove backrest from chair. See Service Solution SS-0341. Remove the abdomen/arm support from the chrome J-Bar. Place a protective material (towel, sheet, blanket) on the floor to protect seat cushion fabric.
2. Lower the plastic covers on the cylinder housing, they will telescope downward with a gentle downward action of your hands.
3. Grasp the base in your less dominant hand and turn the chair upside down. While the chair is upside down visually locate the date stamp (on the mechanism) which is just forward of the shiny cylinder.
4. With your dominant hand grasp the hammer and give the date stamp a firm strike (s). The cylinder will dislodge from the mechanism.
5. Remove the J-bar by lifting up and sliding off the mechanism.
6. Remove the locking ring by loosening the three Allen Screws and lifting off the cylinder along with the black rubber O-ring.
7. Remove the three plastic can covers.
8. Remove the foot ring by loosening the adjusting knob and lifting upwards off the cylinder.
9. To remove the cylinder from the base- Grasp the base in your less dominant hand with the wheels in the upward position.
10. With your dominant hand grasp the hammer and strike the cylinder. **NOTE: Strike the cylinder on the edge (rim) of the cylinder. DO NOT strike the cylinder in the center.**
11. You are now prepared to install the new cylinder.
12. Put the base on the floor in its normal position. Place the cylinder in the base and push firmly downward.

13. Reinstall the foot ring, ensuring that the flat portions of the foot ring are facing upwards.
14. Reinstall the telescopic plastic cover cans over the cylinder.
15. Place the rubber O-ring over the cylinder.
16. Reinstall the locking ring four inches from the top of the cylinder. Securely tighten the three Allen screws.
17. Place the J bar over the cylinder, there should be approximately one-inch of cylinder showing above the white nylon insert of the J-Bar mounting bracket.
18. Take the seat mechanism and place in on the cylinder. CAREFULLY kneel on the chair and exert downward pressure this will lock the mechanism onto the cylinder.
19. Insert the assistant arm into the vertical portion of the J-bar.
20. Re-install the back rest onto the vertical upright of the mechanism.
21. Wrap the replaced cylinder in bubble wrap or paper for return shipment.
22. Adjust the stool to its desired settings.

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