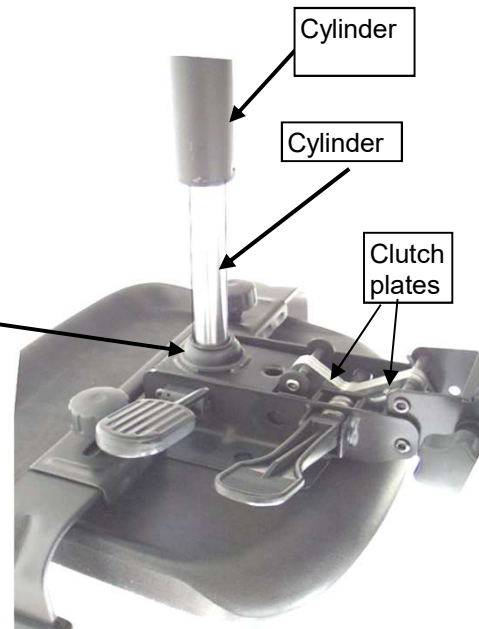


## How to

## Replace Cylinder

1. Problem: Cylinder leaks, bent, broken.
2. Tools: Hammer, lubricant
3. Steps:

Pound this area of the mechanism using a hammer or a heavy rubber mallet if one is available

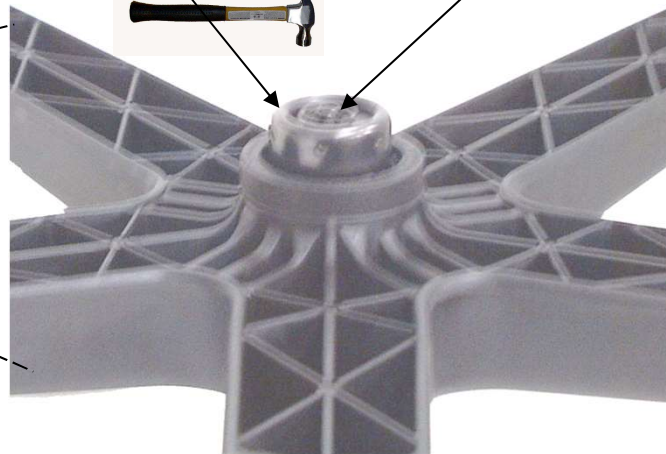
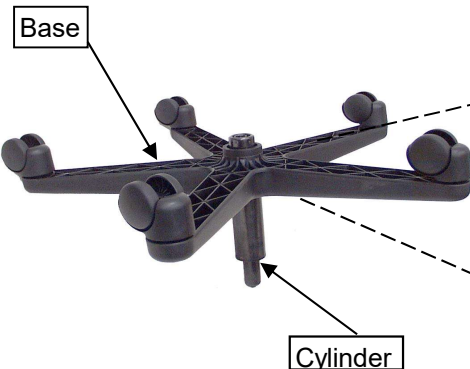


### To remove the cylinder from the mechanism

- a. Turn chair upside down.
- b. Spray lubricant onto where the cylinder meets the mechanism.  
**Be sure not to spray other parts of the mechanism (e.g. clutch plates).**
- c. Wait 2-3 minutes.
- d. Activate cylinder to extend to max length. Push cylinder cover away from the connection.
- e. With one hand holding the cylinder and the other hand using the hammer, hit the area of the mechanism closest to the cylinder.

Pound around the outer rim of the cylinder using a hammer

Be careful to avoid striking the Retaining clip!!



### To remove the cylinder from the base

- a. Turn chair upside down.
- b. Spray lubricant into where the cylinder meets the base.
- c. With one hand holding the base and the other hand using the hammer, hit the outer rim of the cylinder.

Avoid hitting the center as this will damage the cylinder retaining clip.

### To install new cylinder to chair

- a. Place cylinder cover onto cylinder.
- b. Insert smaller end of cylinder into the hole of mechanism.
- c. Mount base onto cylinder.
- d. Turn the chair upright and sit on it.
- e. Test all functions.



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