



# OWNER'S MANUAL



## OPERATIONAL CHAIR MODEL NO. 2045N

Save This Manual For  
Future Reference

### DESCRIPTION

Lyon Operational Chair is ergonomically engineered for durability, support, comfort and long wear in tough environments. Pneumatic lift allows 8" of adjustment while you are seated. Five-leg base is one-piece construction of molded nylon with ribbed fiber glass reinforcement. Five-leg base ensures maximum stability, especially critical at high height ranges. Five high-impact, non-marking, oil-resistant glides withstand harsh environments. Casters are available as an option.

### GENERAL SAFETY INSTRUCTIONS

Do not stand on seat. Chair must be on level surface to ensure proper stability. Only use chair when fully assembled. Periodically check fasteners and tighten securely as needed. Never use chair if it does not perform according to this manual. Warranty may be void if chair is used while damaged. Immediately call and report any problems (see How to Order Repair Parts) and always give the serial number from label under seat.

### ASSEMBLY

1. Unpack chair. Check all parts against parts list before beginning assembly. Allow parts to warm to room temperature prior to assembly.
2. Turn base upside down. Insert glide into the end of base leg and tap glide down (Key Nos. 1 and 2) using a rubber mallet. Repeat for other four glides. Turn base right side up.
3. Insert pneumatic lift (Key No. 3) into base, tapered end down. Secure the lift assembly by applying a little downward pressure.
4. Slide footring (Key No. 4) onto pneumatic lift, position at desired height. Turn footring knob (Key No. 5) to secure.
5. Place telescoping dust cover (Key No. 6) over exposed pneumatic lift.
6. Install seat (Key No. 14) on top of lift. Align hole in control assembly (Key No. 8) with top of lift. Push down on seat to insert firmly together. Underneath the seat on left side is a handle to adjust height of lift.

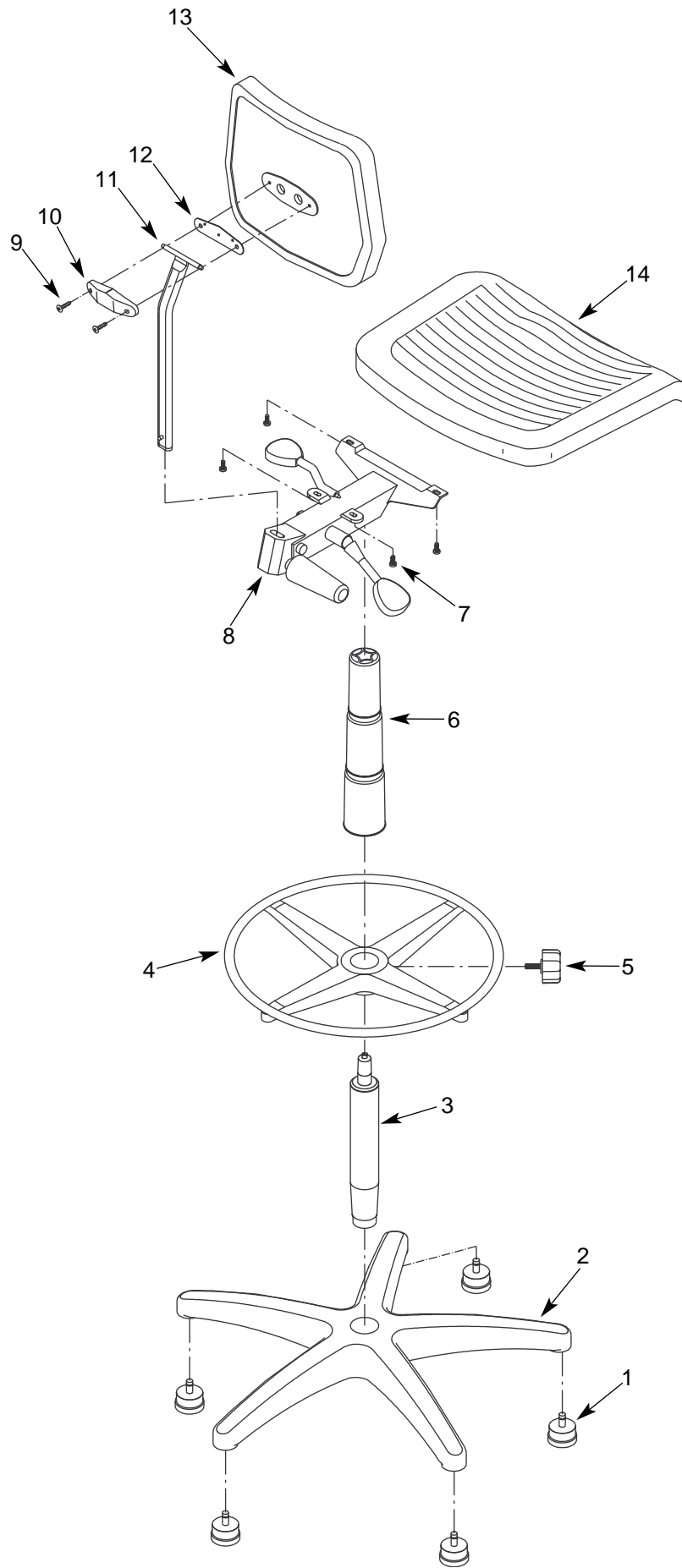
7. Insert the backstem (Key No. 11) from back assembly into slot at back of seat. Use a standard screwdriver to depress push button at bottom of backstem. Slide until backstem goes all the way through slot and sticks out of the bottom about 2". It may be necessary to rotate knob clockwise at back of seat assembly so backstem will slide all the way through slot. Rotate knob counterclockwise to lock backstem in place.
8. Make final chair adjustments following instructions on page 4.

### MAINTENANCE

The pneumatic lift is permanently lubricated at the factory and needs no further lubrication. **Never lubricate the pneumatic lift.** This could damage the lift and void your warranty.

Do not remove clip from bottom of lift. Call for immediate assistance if clip is missing or damaged. Clean polyurethane seat and backrest with soap and water. To repair cuts, apply a few drops of quick drying glue in the cut and press the sides together until glue sets.

HOW TO ORDER REPAIR PARTS	
When ordering repair parts or reporting problems, always give the following information:	
<b>NAME OF ITEM</b>	<b>MODEL NUMBER</b>
Operational Chair	2045N
<b>PART DESCRIPTION</b>	<b>PART NUMBER</b>
All parts listed may be ordered from your local Lyon Dealer or Lyon Workspace Products, P. O. Box 671, Aurora, IL 60507 800/323-0082 or 630/892-8941	



KEY NO.	DESCRIPTION	QTY	PART NO.
1	Glide	5	01545.00
2	Base	1	01543.00
3	Pneumatic Lift	1	03267.56
4	Footring with Knob	1	09005.00
5	Footring Knob	1	09005.02
6	Telescoping Dust Cover	1	02912.01
7	6-1.0 x 16mm Pan Head Screw	4	03713.00
8	Control Assembly	1	07955.06
9	6-1.0 x 26mm Oval Head Screw	2	03714.00
10	Backstem Cover	1	01269.02
11	Backstem	1	10126.00
12	Backing Plate	1	03405.01
13	Backrest	1	03378.06
14	Seat	1	07792.06

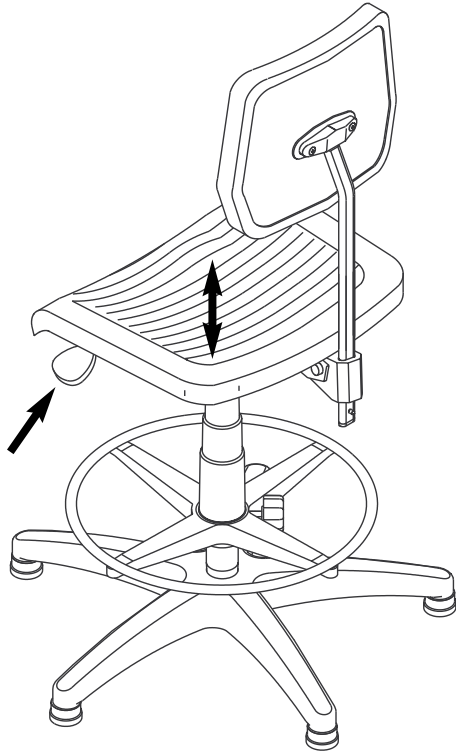
OPTIONAL ACCESSORIES	
Loop Armrest Assembly	2067N
Adjustable T-Pad Armrest Assembly	2076N
Caster with Insert	2061N
Braking Caster (brakes when seat is not occupied)	2162N
Reverse Braking Caster (brakes when seat is occupied)	2164N

# CHAIR ADJUSTMENT INSTRUCTIONS

To maximize ergonomic benefits of this chair, it is essential to understand how controls function and how they affect your posture.

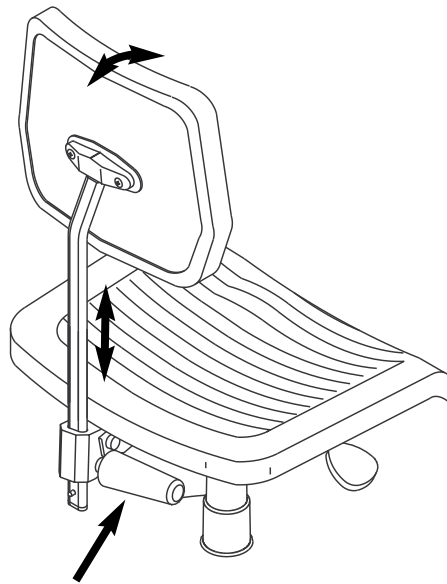
## SEAT HEIGHT ADJUSTMENT

Sit centered in seat. Locate handle under front left side of seat and pull up. Ease weight up or down until you have reached the height you want. Typically chair should be high enough so your arms form a 90° angle at the elbow or slightly greater. If adjustment range is not enough, try "Lift Height Adjustment" and then repeat "Seat Height Adjustment."



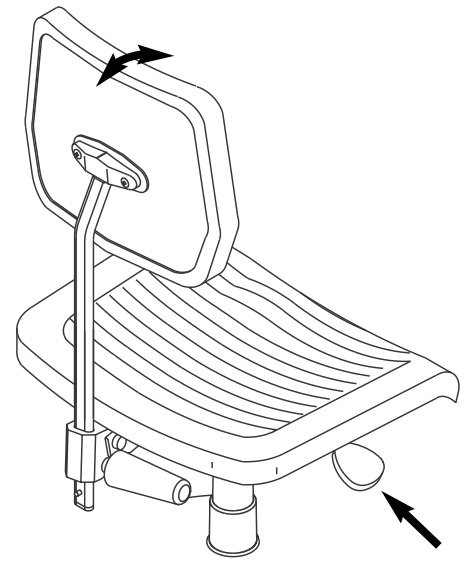
## BACKREST HEIGHT ADJUSTMENT

Loosen knob at right rear of seat control. Adjust backrest until curve fits into small of your back. This will reduce pressure on the spinal discs, especially in lumbar area. Retighten knob.



## BACKREST ANGLE ADJUSTMENT

Backrest angle adjustment handle is right handle under seat. Adjustment of backrest is critical for work tasks that require leaning forward. Pull up on handle to release backrest. Adjustment spring in seat control will bring the backrest forward. Lean back on backrest until you find a comfortable depth for support. Lock position by pushing down on lever.



## WARRANTY

Lyon Workspace Products warrants all of its products to be free from manufacturing defects for the life of the product when it is used in accordance with manufacturer's specifications and/or operating instructions. The life of the product is ten years of single shift users, five years for two shift users, and two-and-a-half years for three shift users, for users not weighing more than 250 pounds.

During this period Lyon Workspace Products will repair or replace, at its option, any part found upon examination to be defective. Freight, labor or service charges for removal of defective parts and installation of replacement parts are not included. **All parts that are replaced due to wear, misuse or abuse are not covered by the warranty but replacement parts can be purchased from Lyon Workspace Products.**

This warranty applies to the original purchaser, and the purchaser's sole remedy under this warranty is limited to replacement or repair of the product and specifically excludes consequential, incidental or any other damages directly or indirectly resulting from a failure or loss of use of or by Lyon Workspace Products.

To obtain warranty service, a return authorization by Lyon Workspace Products must accompany all returned merchandise.

**Contact your Lyon Dealer or Lyon Workspace Products, P.O. Box 671, Aurora, IL 60507, 800/323-0082 or 630/892-8941.**