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## INTRODUCTION

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The Rogers Athletic Lev Sled has been designed and manufactured with safety, performance and dependability as top priorities, making it easy to operate and maintain.

The care you give your Lev Sled will greatly determine your satisfaction with its performance and service life. Careful study of this manual is encouraged to obtain a thorough understanding of your new Lev Sled and its functions and maintenance.

If your manual becomes lost or destroyed, Rogers Athletic will gladly provide you with a new copy. Should you require additional information or assistance, please feel free to contact us at 1-800-457-5337.

BECAUSE ROGERS ATHLETIC MAINTAINS AN ONGOING PROGRAM OF PRODUCT DEVELOPMENT AND IMPROVEMENT, WE RESERVE THE RIGHT TO MAKE IMPROVEMENTS IN DESIGN OR CHANGES IN SPECIFICATIONS WITHOUT INCURRING ANY OBLIGATIONS TO INSTALL THEM ON UNITS PREVIOUSLY SOLD.

# GENERAL SAFETY RULES

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## **WARNING!**

### **READ AND UNDERSTAND ALL INSTRUCTIONS.**

Failure to follow all instructions listed below may result in serious personal injury








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## **SAVE THESE INSTRUCTIONS**

- **Supervision of athletes while using the equipment is recommended.** Horse play such as climbing on the machine or using the machine for unintended purpose can result in injuries.
- **Athletes should be oriented in the proper use of the equipment.**
- **Athletes should be properly fit to engage in a workout regimen.** Obtaining a medical exam prior to beginning any training program is recommended. If an athlete feels faint, dizzy, or experiences pain at any time while exercising, they should stop exercising and consult a physician.
- **Inspect equipment prior to use.** DO NOT use if it appears damaged or inoperable.
- **This Product Information Packet is an integral part of this machine.** Save these instructions. If they are lost or damaged or if you would like another copy, a copy can be downloaded from [www.RogersAthletic.com](http://www.RogersAthletic.com)
- **Reading the Product Information Packet is recommended.** Failure to read this Packet is considered a misuse of this equipment.
- **Warning labels are an integral part of this equipment.** Become familiar with all caution/warning labels and never cover or deface caution/warning labels.
- **Deploy the equipment allowing sufficient room for safe access to the machine, adequate room for the coaches to stand and to ensure that the machine or players do not collide with a wall, another machine, or other players through the entire training exercise.**
- **Unit is designed for training multiple offensive and defensive drills with proper technique.** Do not use Lev Sled for anything other than its approved purpose.
- **Always wear a helmet when training with the Lev Sled.**
- **Equipment is designed for use by one person per pad at a time.** Keeping other athletes and spectators away from the machines during use is recommended.
- **Design and execute training drills to avoid players from attempting to run through the same gap between the sled units simultaneously.** Colliding players could come in contact with the sled unit and/or connecting link resulting in an injury.
- **When not in use, store this equipment in a secure controlled area.** Unsupervised and/or inappropriate use of this equipment could result in serious injury.

# SYMBOLS

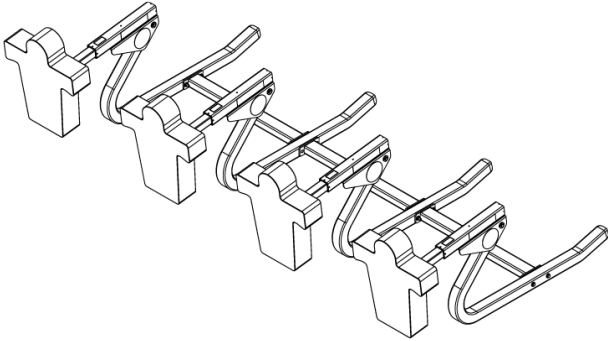
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	<p><b>Safety Alert:</b> Precautions that involve your safety.</p>				
<table border="1"><tr><td colspan="2" data-bbox="219 569 599 611"><b>⚠ WARNING</b></td></tr><tr><td data-bbox="219 611 386 793"></td><td data-bbox="386 611 599 793"><p><b>Store in secure area.</b> Inappropriate use of this equipment could result in serious injury.</p></td></tr></table>	<b>⚠ WARNING</b>			<p><b>Store in secure area.</b> Inappropriate use of this equipment could result in serious injury.</p>	<p><b>Store this equipment in a secure, controlled area:</b> Unsupervised and/or inappropriate use of this equipment could result in serious injury.</p>
<b>⚠ WARNING</b>					
	<p><b>Store in secure area.</b> Inappropriate use of this equipment could result in serious injury.</p>				
<table border="1"><tr><td data-bbox="196 842 391 1037"></td><td data-bbox="391 842 615 1037"><b>⚠ CAUTION</b>  <b>Pinch Point.</b> Keep hands and fingers clear.</td></tr></table>		<b>⚠ CAUTION</b>  <b>Pinch Point.</b> Keep hands and fingers clear.	<p><b>Pinch Point Symbol:</b> Failure to keep hands away from pinch points will result in personal injury</p>		
	<b>⚠ CAUTION</b>  <b>Pinch Point.</b> Keep hands and fingers clear.				

# ROGERS ATHLETIC LEV SLED™ SPECIFICATIONS

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## LEV SLED (PART # 411401 – 411407)



### Weight & Width:

1 man = 324 lbs (147 kg);  
44" (12cm) wide  
2 man = 487 lbs (221 kg);  
59.38" (151cm) wide  
3-7 man = +258 lbs (117 kg);  
+55.5" (141cm) wide each

Height: 40.5" without pad  
Depth: 93.7" without pad

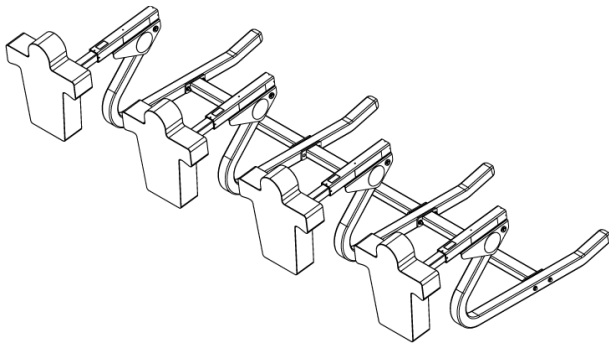
- Unique release mechanism allows pad to be raised only after the ram has been compressed at least five inches, helping develop proper drive technique.
- Modular design allows easy upgrading by adding links and runners to your current Lev Sled setup.
- Heaviest sled on the market. Heavy weight increases realism of blocking drills.
- Surge and Shock pads have body-like target areas to aim for.
- Ground-hugging framework allows players to run through on defensive drills.
- Nylon liner eliminates metal-on-metal wear and extending the life of the sled.
- Pad is held securely in place with a single pin.
- Easily change or remove pads for storage.

### Lev Sled Construction, Finish, and Hardware

- Constructed of ASTM specified steel.
- Baked-on powder coat finish.
- Pads covered with durable weather-resistant vinyl.
- Zinc-plated hardware.

# ROGERS ATHLETIC JV LEV SLED™ SPECIFICATIONS

## JV LEV SLED (PART # 41 10561-41 10567)



### Weight & Width:

- 1 man = 219 lbs (99 kg);  
44" (112cm) wide
- 2 man = 314 lbs (143 kg);  
48" (122cm) wide
- 3-7 man = +181 lbs (82 kg);  
+36" or 48" (122cm) wide each

Height: 37" without pad  
Depth: 71" without pad

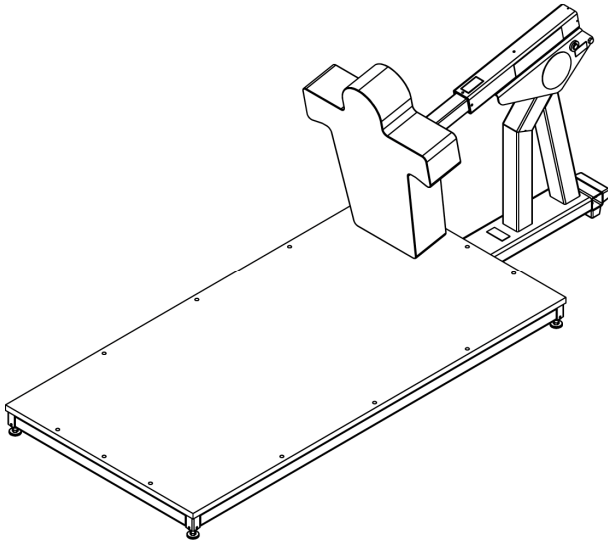
- Unique release mechanism allows the pad to be raised only after the ram has been compressed at least four inches, helping develop proper drive technique.
- Improve younger players' skills with drills taking advantage of all the same features as our larger Lev Sled.
- Modular design allows easy upgrading by adding links and runners to your current JV Lev Sled setup.
- JV Lev Sled is scaled to players in sixth through ninth grades.
- Shock pads have body-like target areas to aim for.
- Ground-hugging framework allows players to run through on defensive drills.
- Nylon liner smoothes the action of the spring housing, eliminating metal-on-metal wear and extending the life of the sled.
- Pad is held securely in place with a single pin.
- Easily change or remove pads for storage.

### JV Lev Sled Construction, Finish, and Hardware

- Constructed of ASTM specified steel.
- Baked-on powder coat finish.
- Pads covered with durable weather-resistant vinyl.
- Zinc-plated hardware.

# ROGERS ATHLETIC INDOOR LEV STATION SPECS

## JV LEV SLED (PART # 410391)



Weight:	630 lbs
Width:	48.5"
Height:	46.5" without pad
Length:	128.4"

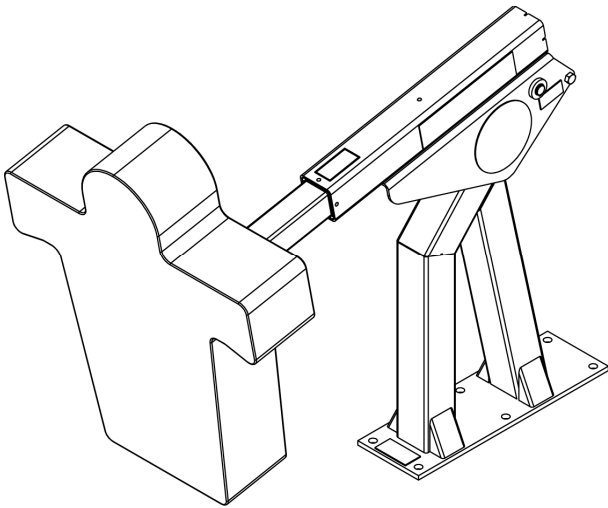
- Hydraulic shock resists player's effort to leverage the pad and softens the pad's return to the ready position.
- Special-edition Lev Sled attached to a platform for year-round training.
- Nylon liner smoothes the action of the spring housing, eliminating metal-on-metal wear and extending the life of the sled.
- Pad is held securely in place with a single pin.
- Easily change or remove pads for storage.

### Indoor Lev Station Construction, Finish, and Hardware

- Constructed of ASTM specified steel.
- Baked-on powder coat finish.
- Pads covered with durable weather-resistant vinyl.
- Zinc-plated hardware.

# ROGERS ATHLETIC LEV SLED INDOOR MOUNT SPECS

## LEV SLED INDOOR MOUNT (PART # 410404)



Weight:	155 lbs
Width:	8"
Height:	42" without pad
Length:	49.5" without pad

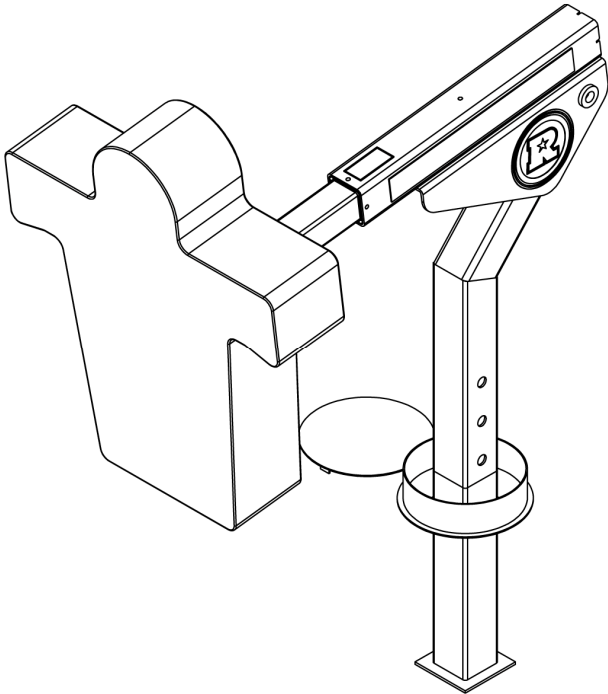
- Pads have body-like target areas to aim for.
- Hydraulic shock resists player's effort to leverage the pad and softens the pad's return to ready position.
- Nylon liner smoothes the action of the spring housing, eliminating metal-on-metal wear and extending the life of the sled.
- Pad is held securely in place with a single pin.
- Easily change or remove pads for storage.

### Lev Sled Indoor Mount Construction, Finish, and Hardware

- Constructed of ASTM specified steel.
- Baked-on powder coat finish.
- Pads covered with durable weather-resistant vinyl.
- Zinc-plated hardware.

# ROGERS ATHLETIC LEV SLED GROUND MOUNT SPECS

## LEV SLED GROUND MOUNT (PART # 410295)



Weight:	175 lbs
Width:	11.5"
Height:	43" without pad
Depth:	44.5" without pad

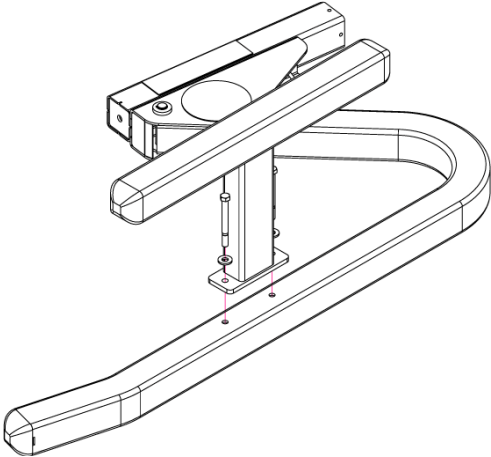
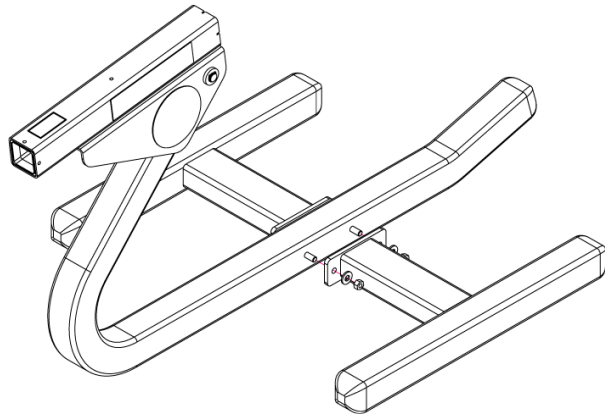
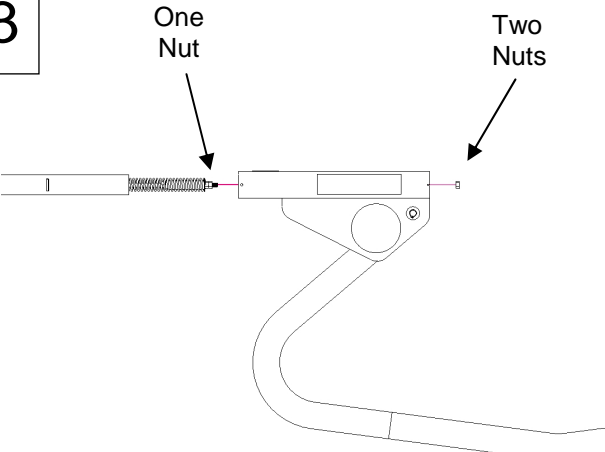
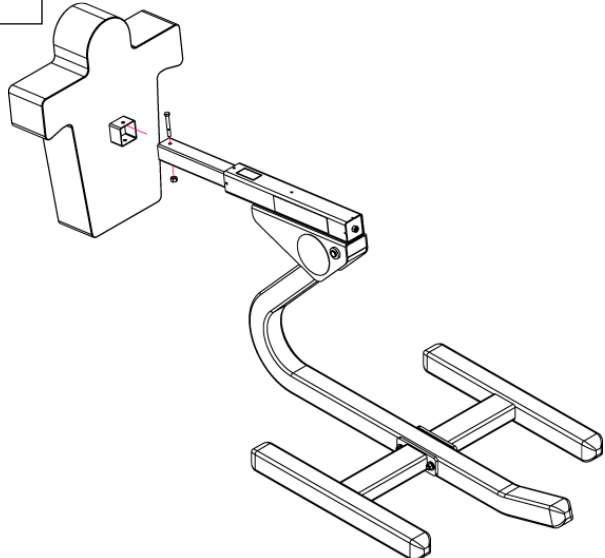
- Pads have body-like target areas to aim for.
- Nylon liner smoothes the action of the spring housing, eliminating metal-on-metal wear and extending the life of the sled.
- Pad is held securely in place with a single pin.
- Easily change or remove pads for storage.
- Secured in the ground with concrete.
- Includes ground-sleeve cover for off-season storage.
- Rotates 90 degrees for even turf wear.

### Lev Sled Ground Mount Construction, Finish, and Hardware

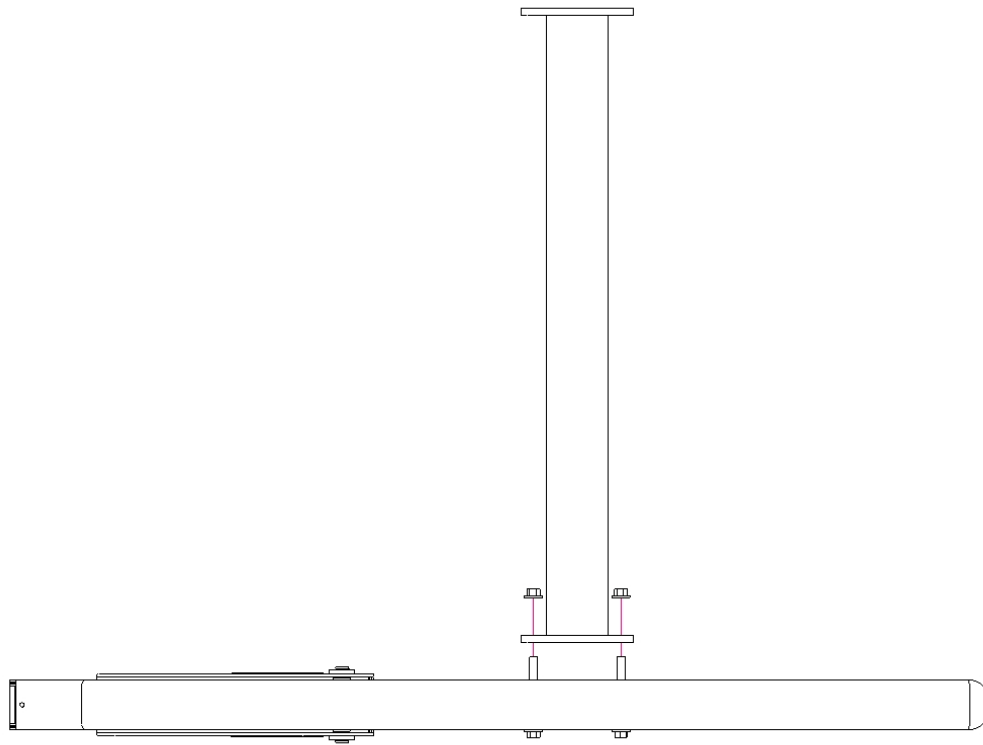
- Constructed of ASTM specified steel.
- Baked-on powder coat finish.
- Pads covered with durable weather-resistant vinyl.
- Zinc-plated hardware.



# LEV SLED ASSEMBLY INSTRUCTIONS

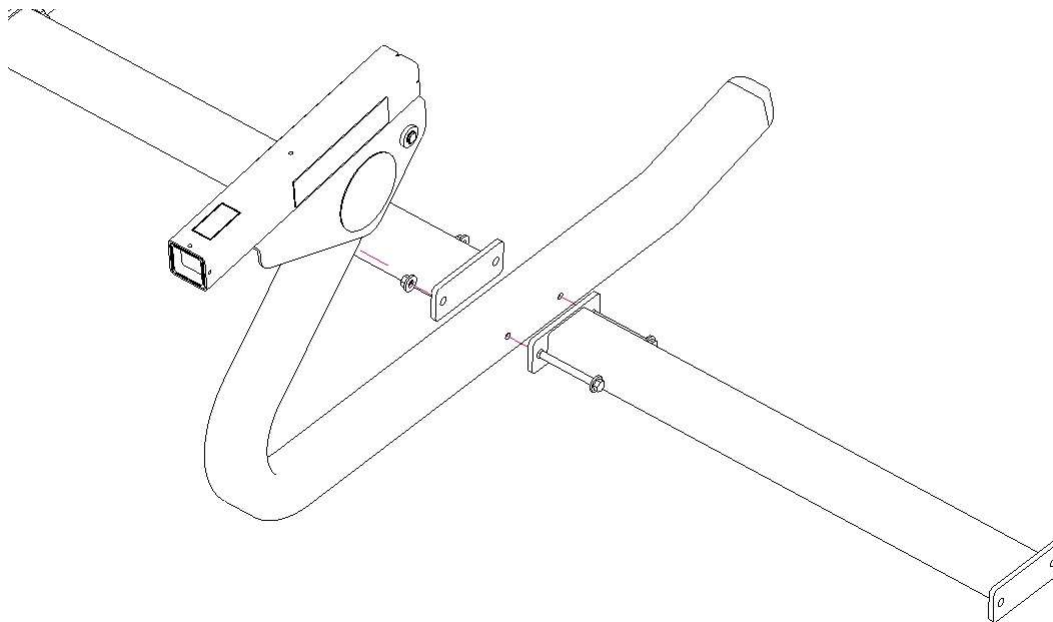
<p><b>1</b></p>  <p><b>Note: For 2-7 man Lev Sled setups skip to step 5.</b></p> <p>Lay Lev Runner Sub Assembly on its side. Line up holes from the Lev Outrigger with holes on the runner and use (2) 5/8" x 6" bolts and (2) 5/8" washers to hold it in place. Then flip runner right side up so outrigger lays on the ground. Push bolts the rest of the way through.</p>	<p><b>2</b></p>  <p>Fit second outrigger over the bolts and secure with (2) more 5/8" washers and (2) 5/8" nuts.</p>
<p><b>3</b></p>  <p>The Lev Ram Unit comes with (3) nuts on the threaded rod at the end of the spring. With (1) nut at the end of the spring, insert Ram Unit into sled head unit. Use the remaining (2) nuts to attach the ram unit to the sled. A screwdriver can be used to guide the threaded rod through the hole.</p>	<p><b>4</b></p>  <p>Use fas-pin to fasten pad to the ram unit.</p>

5



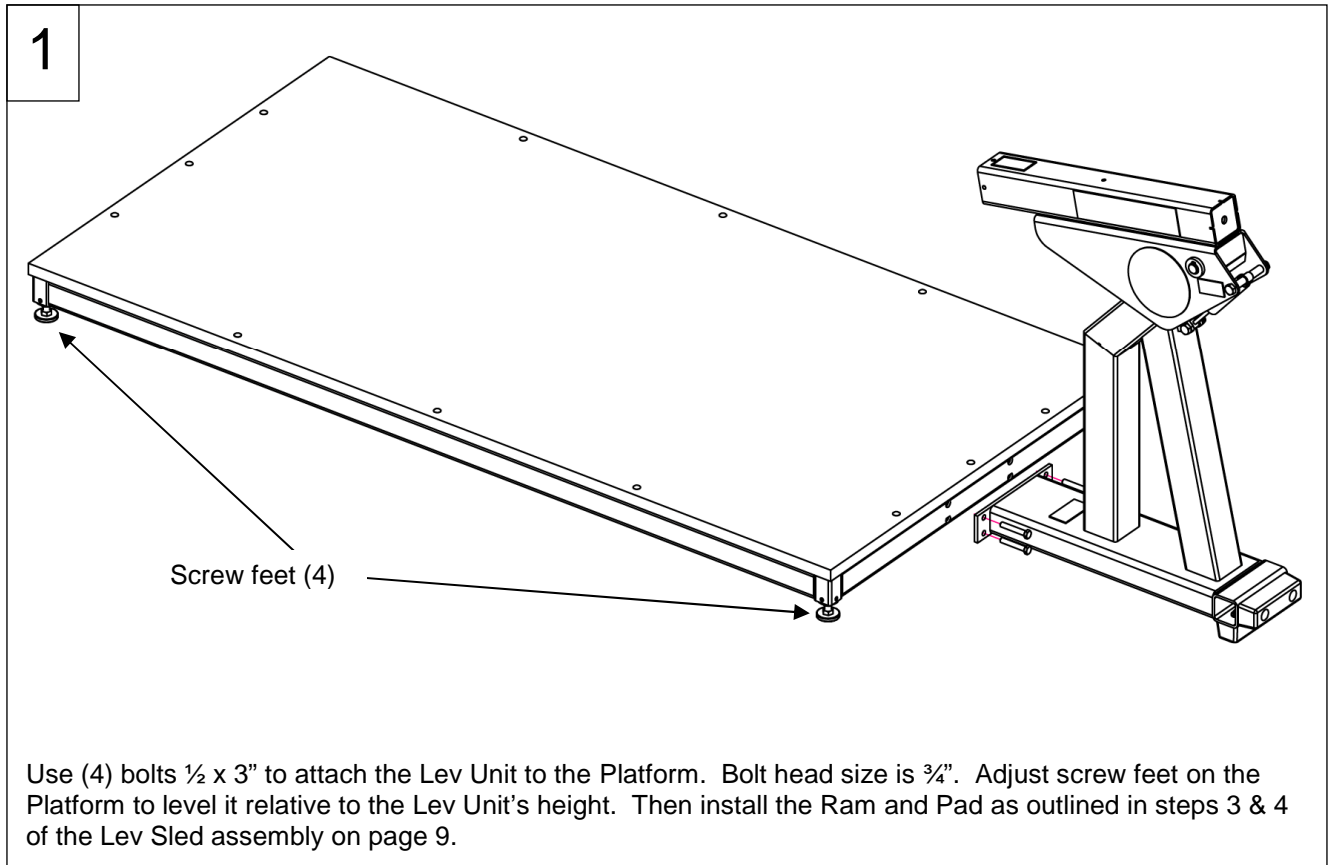
**For 2-7 man Lev Sleds:** Lay Lev Runner Sub Assembly on its side. Connect the runner to the connection link using (2) bolts and (2) nuts.

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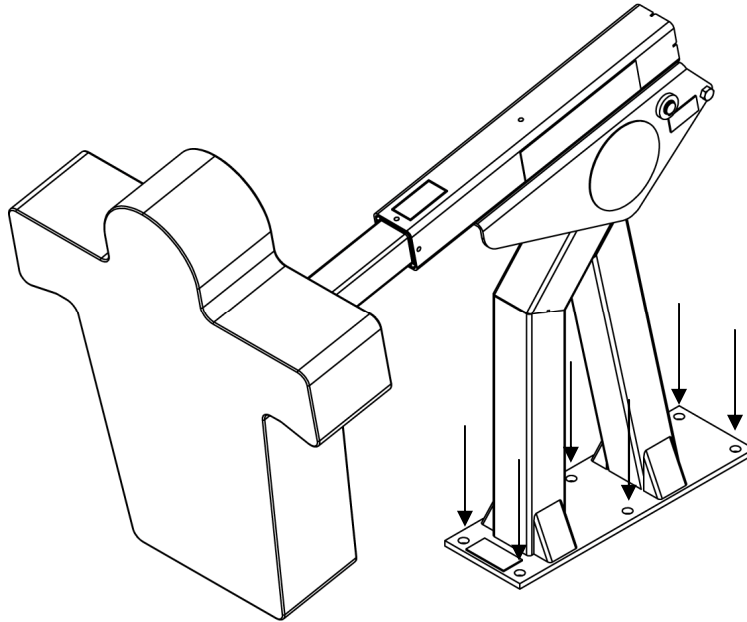
**For 2-7 man Lev Sleds:** Flip Lev Runner and Connecting Link upright. Bolt next Lev Runner (and Connecting Link, if applicable) onto connecting link from previous step. Repeat until Lev Sled is complete.

# INDOOR LEV STATION ASSEMBLY INSTRUCTIONS



# INDOOR MOUNT LEV SLED ASSEMBLY INSTRUCTIONS

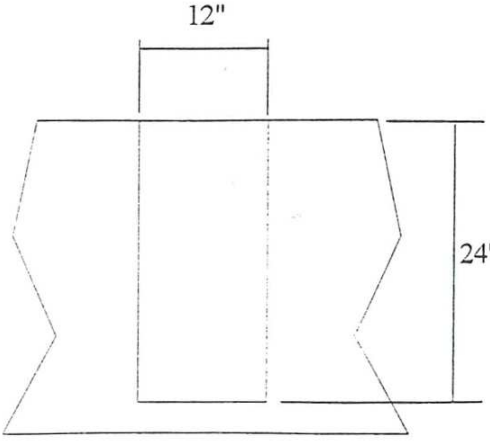
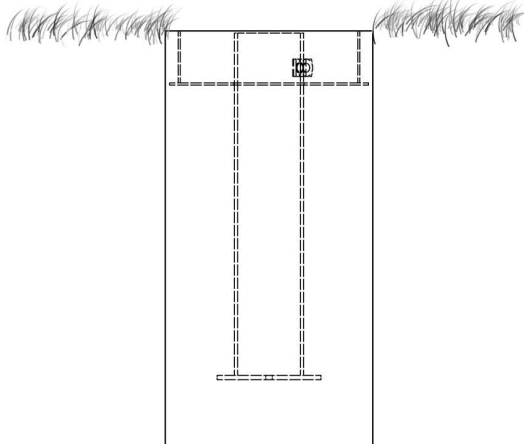
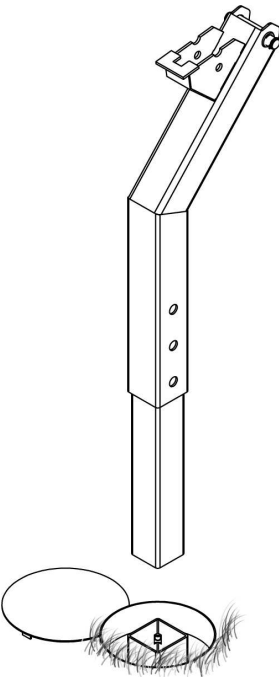
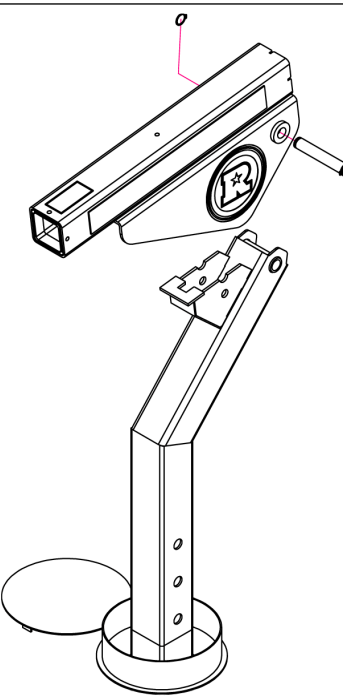
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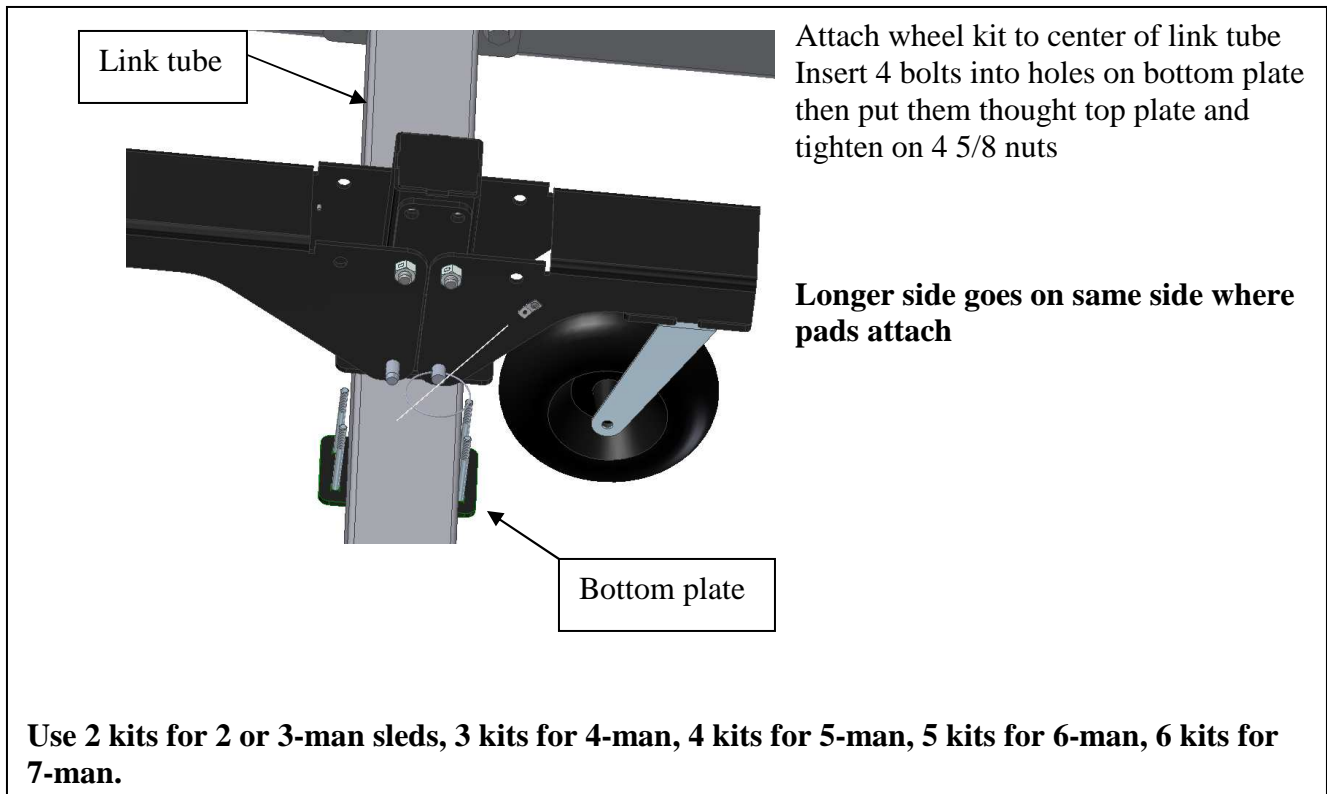
Consult a professional contractor, engineer, or building maintenance supervisor for hardware and procedures specific to installation in your building. For best results, mount to concrete. Mount securely using no less than six bolts. Maximum bolt size is  $\frac{3}{4}$ " diameter, grade 5; minimum bolt size is  $\frac{1}{2}$ " diameter, grade 5. Install the Ram and Pad as outlined in steps 3 & 4 of the Lev Sled assembly on page 9.

*NOTICE: Rogers Athletic Company is not responsible for consequences or damages to the structure where this product is installed. Rogers Athletic Company assumes no liability for injury or property damage resulting from the use of this product.*

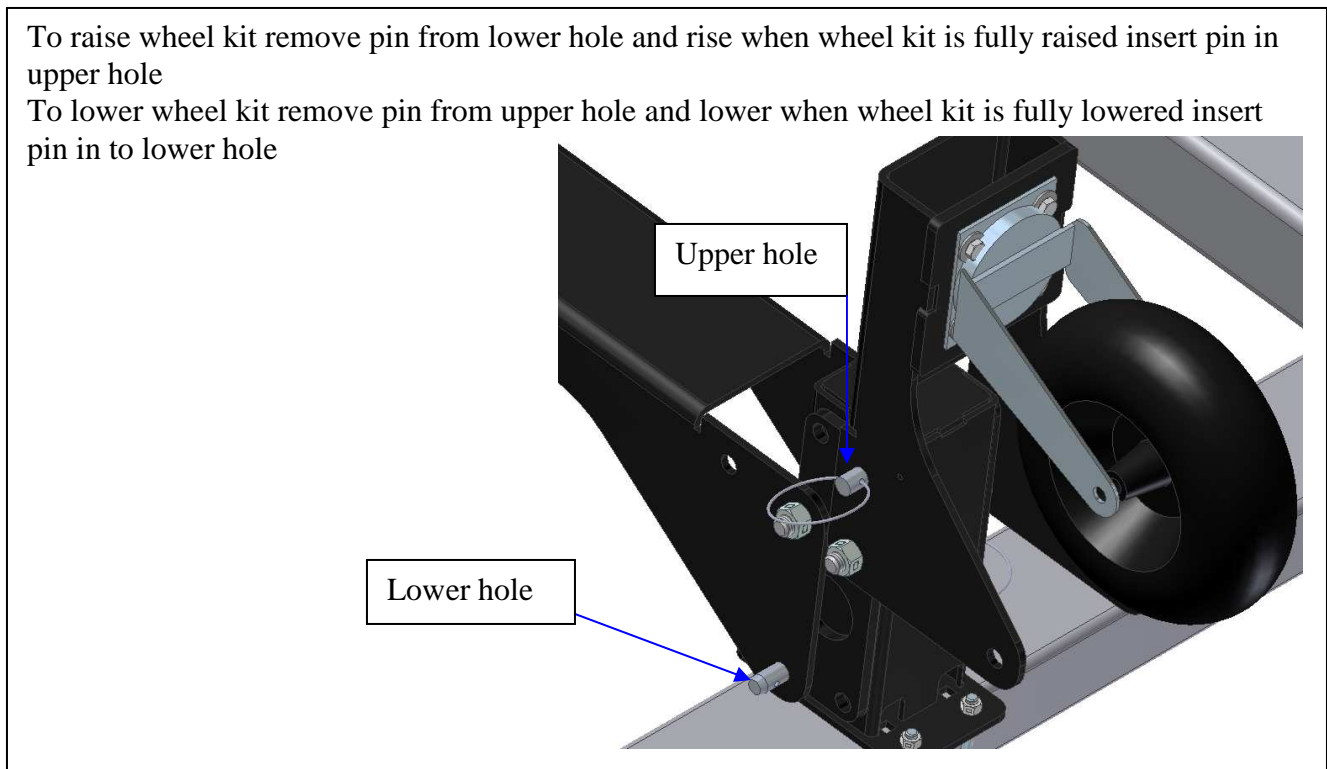
# GROUND MOUNT LEV ASSEMBLY INSTRUCTIONS

<p><b>1</b></p>  <p>The hole for setting the ground mount base should be approximately 12" in diameter and 24" deep.</p>	<p><b>2</b></p>  <p>Set ground mount base in concrete so that the top ring fits flush with ground level.</p>
<p><b>3</b></p>  <p>Place post assembly in the ground mount sleeve and tighten pinch bolt.</p>	<p><b>4</b></p>  <p>Place head on post assembly and line up the holes. Insert pin through entire assembly. Then place c-clip over end of pin. Install the Ram and Pad as outlined in steps 3 &amp; 4 of the Lev Sled assembly on page 9.</p>

## ATTACHING YOUR WHEEL KIT

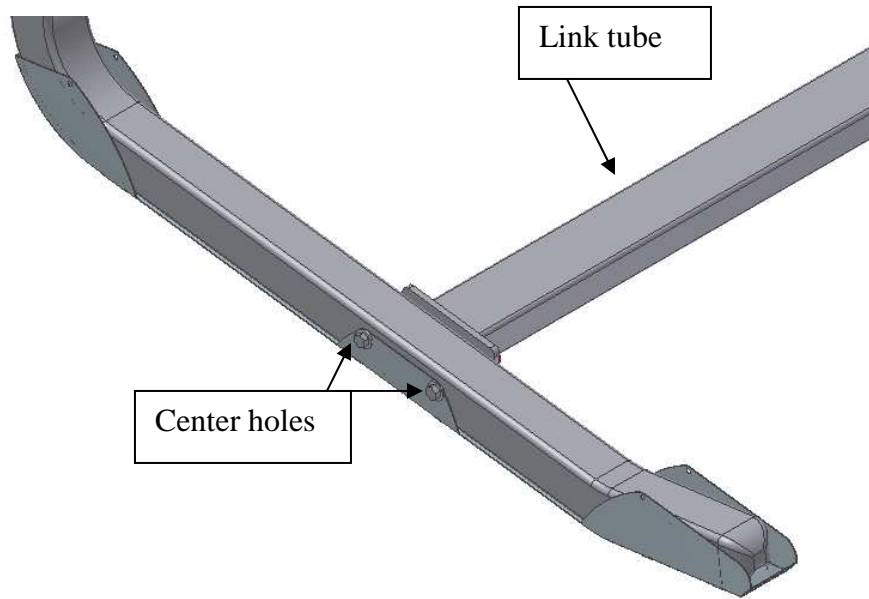


## USING YOUR WHEEL KIT

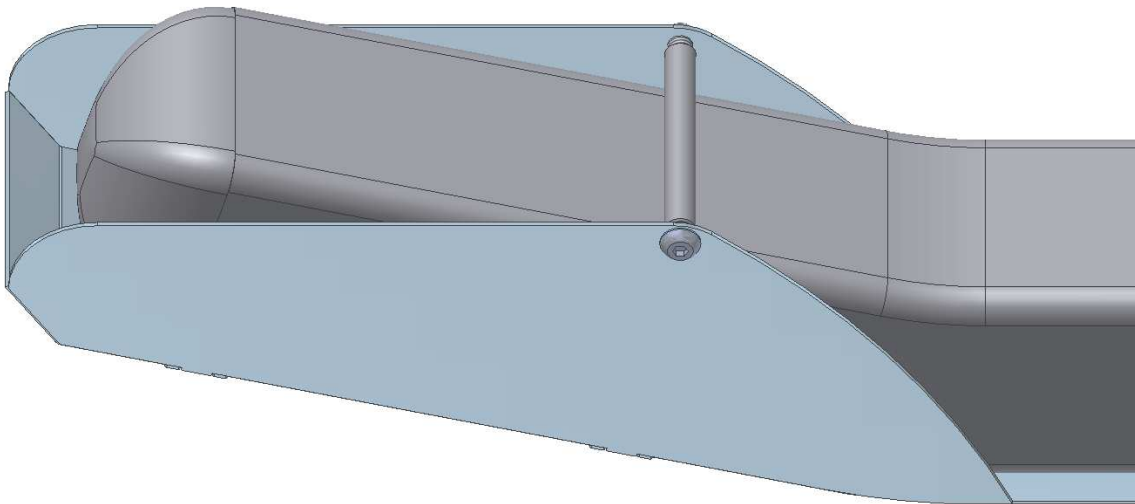


## ATTACHING YOUR STAINLESS STEEL SKINS

Un-attach runner from link tube then slide stainless steel skin over bottom of runner and line up center hole that link tube attaches to. Reattach link tube and tighten down.



Place link tube connector between stainless steel skin and loosely screw in screws to link tube connector. After both sides are loosely attached tighten down both sides tightly. Repeat step to attach other link tube connector.



**Note: Repeat steps for all runners**

## MAINTENANCE

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### **WARNING!**

### **READ AND UNDERSTAND ALL MAINTENANCE PROCEDURES.**

Failure to follow all procedures listed below may cause serious injury and/or a decrease in equipment functionality.

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- **Frequently check to see that all bolts are securely fastened.**
- **Touch up paint may be used to cover scratches or blemishes sustained through use.**
- **Field equipment should be washed periodically with soapy water to maintain original surface finish.**
- **A silicone based lubricant may be used on moving parts to maintain proper function.**
- **Replace any damaged equipment with genuine Rogers Athletic parts.** Failure to do so may result in unsafe equipment and/or personal injury.

## CUSTOMER SERVICE

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For parts or service contact Rogers Athletic Company. When ordering parts be sure to provide all relevant information available including the name and part number of the equipment purchased. This information is located on the cover of this product information package. Customer service hours are Monday through Friday from 8:00 a.m. to 5:00 p.m. Eastern Standard Time. Customers can phone (989) 386-2950 or toll free at (800) 457-5337. Fax toll free at (888) 549-9659 or mail to:

Rogers Athletic Company  
3760 W. Ludington Drive  
Farwell, MI 48622