

# GRACO®

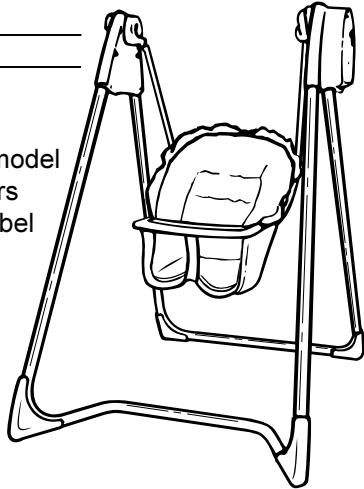
## Open Top Swing

### OWNER'S MANUAL

Model No. \_\_\_\_\_  
Serial No. \_\_\_\_\_

Dear Customer,

Please fill in the model and serial numbers above from the label inside the battery compartment of your new swing.



**Model Nos. 1420, 1421 & 1422**

**Congratulations on your purchase of a Graco® swing!**

Graco is the recognized leader in the design and manufacture of quality baby swings. We believe your new Graco® swing is a wise choice, promising many hours of enjoyment for your baby.

Before using your swing, please take a few minutes to read this Owner's Manual. The short time you spend reading these instructions will help you use your swing properly.

**Please save your Owner's Manual for future use.**

### Customer Satisfaction

Our goal is to make every product the best it can be! We are also committed to supporting our products after purchase. If you would like to speak to Graco about your product, please contact our **Customer Service Department at 1-800-345-4109** or visit our Internet website, [www.gracobaby.com](http://www.gracobaby.com). Our knowledgeable staff will be ready to answer any questions you may have concerning parts, use, or maintenance. When you call, please have the **model and serial numbers** ready so your call may be processed quickly and efficiently.

**! WARNING**

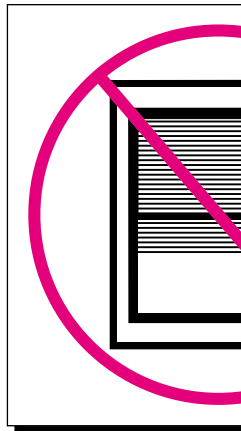
**Failure to follow these warning instructions could result in injury.**



**Never leave child unattended.  
Always keep your child in view.**



**Strings can cause strangulation.  
DO NOT place items with a string around your child's neck, such as hood strings or pacifier cords.  
DO NOT suspend strings over the swing or attach strings to toys.**



**STRANGULATION HAZARD  
DO NOT place strings in locations where they could become a strangulation hazard, such as window blinds, drapes, phone cords, etc.**

**THIS PRODUCT REQUIRES ADULT ASSEMBLY.**

**FOLLOW ASSEMBLY INSTRUCTIONS CAREFULLY.**

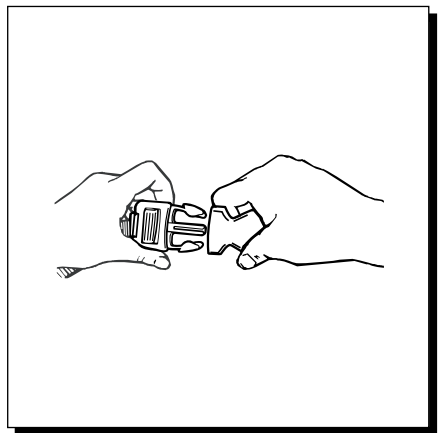
If you experience any difficulties, please contact the Customer Service Department.

**DO NOT USE SWING** without the seat cover.

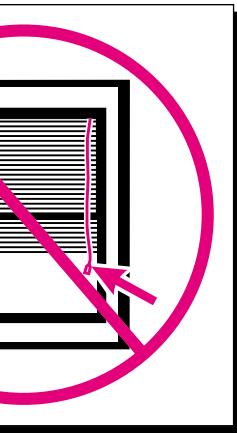
**DISCONTINUE USING YOUR SWING** should it become damaged or broken.

# WARNING

Warnings and the assembly instructions must be read in serious injury or death.



Avoid serious injury from falling or sliding out. Always use waist belt.



**ATTENTION HAZARD:** Do not use swing in any area where there are cords, power cords, low blind cords, power cords, etc.



DO NOT use if child weighs over 25 pounds (11.3 kg) or becomes too active to safely use the swing.

## CARE AND MAINTENANCE

**FROM TIME TO TIME CHECK YOUR SWING** for loose screws, worn parts, torn material or stitching. Replace or repair the parts as needed. Use only Graco® replacement parts.

**REMOVABLE CLOTH SEAT COVER** (on certain models) may be machine washed in lukewarm water on delicate cycle and drip-dried. NO BLEACH.

**TO CLEAN SWING FRAME**, use only household soap or detergent and warm water. NO BLEACH.

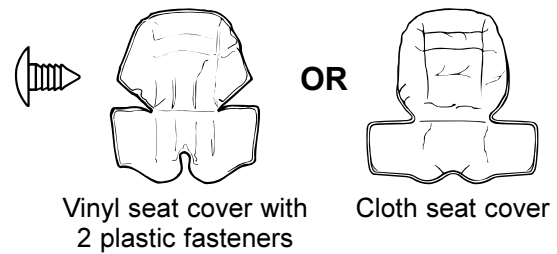
**EXCESSIVE EXPOSURE TO SUN OR HEAT** could cause fading or warping of parts.

## PARTS LIST

CHECK that you have all the parts listed below BEFORE assembling your swing.

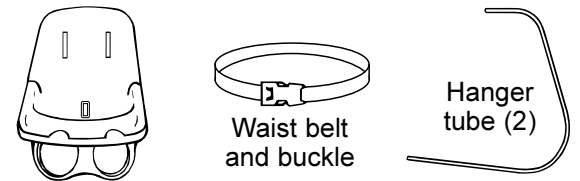
If any parts are missing, call Customer Service at 1-800-345-4109 or visit our Internet website, [www.gracobaby.com](http://www.gracobaby.com).

Tools required: Screwdriver and wrench (wrench included)



Vinyl seat cover with 2 plastic fasteners

Cloth seat cover



Plastic seat

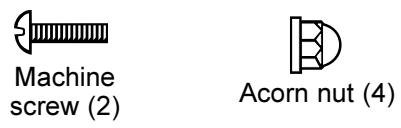
Waist belt and buckle

Hanger tube (2)



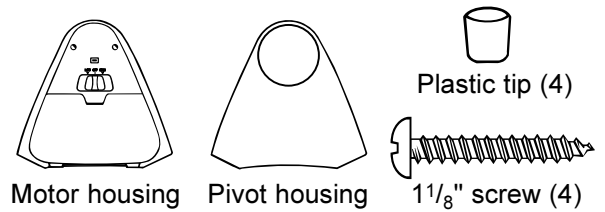
Seat wire

Wrench



Machine screw (2)

Acorn nut (4)

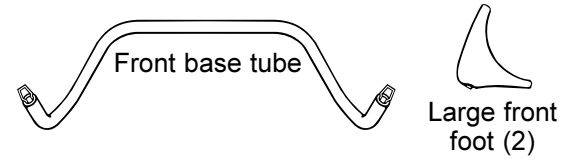


Motor housing

Pivot housing

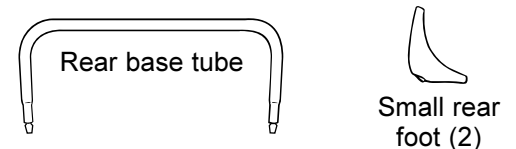
Plastic tip (4)

1 1/8" screw (4)



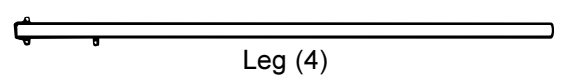
Front base tube

Large front foot (2)



Rear base tube

Small rear foot (2)



Leg (4)

Additional parts found only on certain models:



Bead (2)

Toy bar

Ring (3)

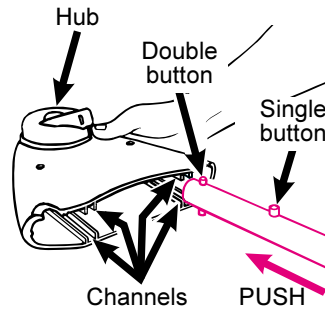
## Attaching the Legs

### Step 1.

The four legs have a double button at one end and a single button beneath it.

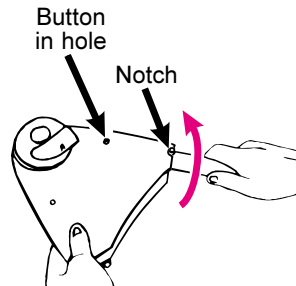
With the hub sides facing up, place the motor housing and pivot housing on the floor. Position legs so their single buttons also face up.

Insert legs into the motor housing and pivot housing as shown. **The double buttons must fit into the channels inside the housings.**



### Step 2.

Push each leg in until the double button snaps into the hole at the end of the channel. Then swing the legs outward until the single button snaps into its notch, as shown.

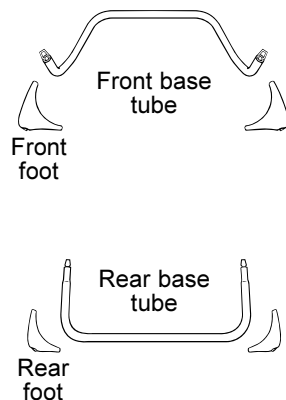


**CHECK that the legs are properly attached by twisting them in the housings. They should resist twisting. If a leg twists and buttons come out of their holes, insert leg into the housing again. Be sure to align BOTH double buttons with BOTH sets of channels inside the housings.**

## Attaching the Feet

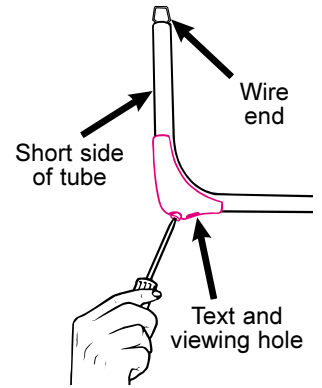
### Step 1.

Identify the front and rear base tubes from pictures at right. The feet to use with each tube can be identified by the text "FRONT BOTTOM" or "REAR BOTTOM" printed on them.



### Step 2.

Begin by inserting a 1 1/8" screw all the way into the small hole on one foot. Position the foot **as shown at right**, so the text and viewing hole are **not** on the **short side of tube** near the wire end. Then use viewing hole to line up the end of the screw with the hole in the tube. Tighten the screw securely. Repeat above steps for the other feet.

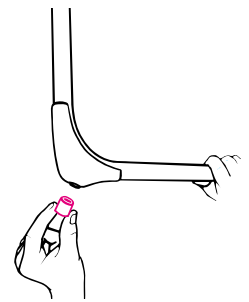


**CHECK that feet are secure by wiggling the feet.**

### Step 3.

Push a plastic tip onto all four of the feet. Tap leg tips on the floor to be sure they are completely on.

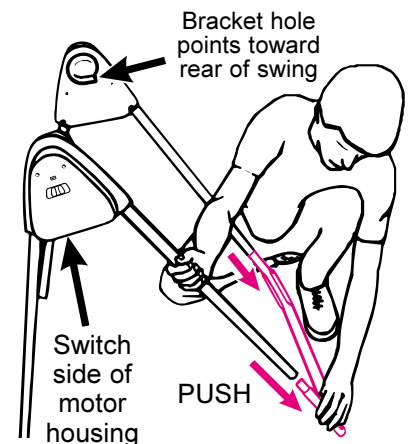
The hole in the plastic tip permits future tightening of the screw if needed.



## Attaching the Base Tubes

### Step 1.

Push the legs firmly onto the rear base tube **exactly as shown**.

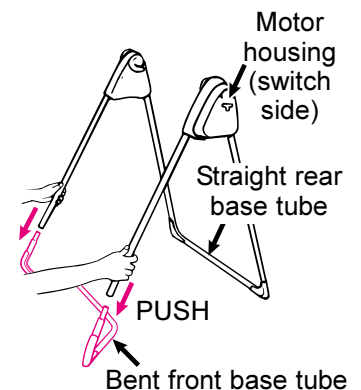


### Step 2.

Push the other two legs onto the front base tube.

**CHECK that all tubes are securely attached.**

**CHECK that the parts of the frame are assembled in the positions shown.**



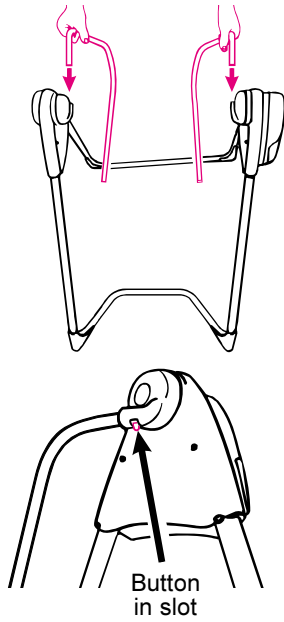
## Attaching the Hanger Tubes and Seat

### Step 1.

From **rear** of swing, depress metal button and push **short** end of one hanger tube into one hanger bracket as shown. When the metal button pops out, the tube is locked. Repeat with other hanger tube.

**CHECK that the hanger tubes are secure in hubs by pulling firmly on them.**

To remove hanger tubes from hubs, push metal buttons in and pull hanger tubes out.

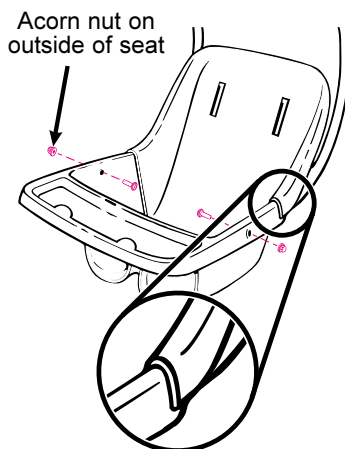


### Step 2.

Slide seat onto the hanger tubes. Line up the holes in the seat armrests with the holes in the straight sections of the hanger tubes.

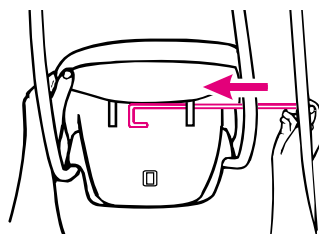
Put a machine screw through the holes, with head of screw on inside of the seat. Secure screw with an acorn nut, and tighten it securely with the enclosed wrench. Repeat on other side.

**⚠ WARNING** The seat back must overlap armrests, as shown enlarged at right.



### Step 3.

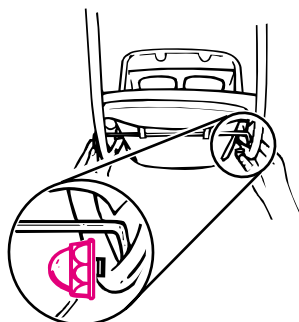
Slide the seat wire through the seat back loops.



### Step 4.

Insert the end of the seat wire through the hanger tubes as shown. Then screw acorn nuts on both ends of the seat wire and tighten securely with the enclosed wrench.

**⚠ WARNING** Do not use swing if the seat wire is not securely attached. If seat can recline backwards between the hanger tubes, check the wire assembly.

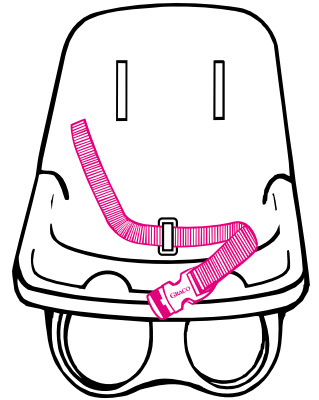


## Attaching the Waist Belt

**DO NOT** separate the two parts of the buckle. This will make it easier to thread the belt through the buckle correctly.

### Step 1.

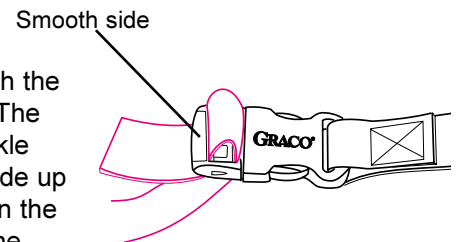
Thread the free end of the waist belt through the belt retainer as shown. The "GRACO" logo will be on the front of the buckle.



### Step 2.

Thread belt through the buckle as shown. The left end of the buckle must be smooth side up to thread the belt in the buckle properly. The other side of the buckle has teeth.

If you have difficulty getting the belt into the buckle, **check** to make sure that the smooth side of the buckle is up.

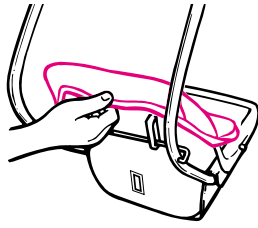


**CHECK** that the belt is threaded correctly by pulling on the waist belt. **The belt should not slip through the buckle.**

## Attaching the Seat Cover

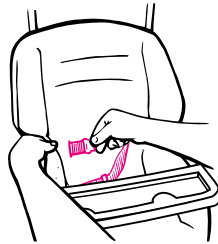
### Step 1.

Slide the pocket of the cloth cover over the top of the seat as shown.



### Step 2.

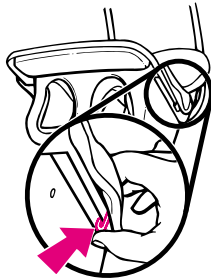
Push both ends of the waist belt through the slots in the cloth cover, and pull the belt through.



### Step 3.

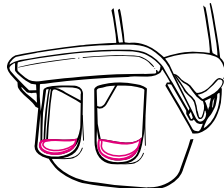
Tuck the rear edges of both side flaps under back of seat cover. This will hold the side flaps in place.

Some cover styles have plastic clips on side flaps. For these covers only, first wrap side flaps around the arm-rests, then push the plastic clips onto edge of the seat on both sides as shown.



### Step 4.

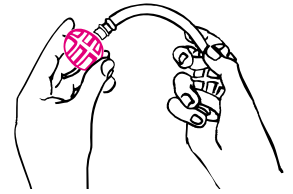
Pull out edges of seat cover at leg openings.



## Installing the Toy Bar (on certain models)

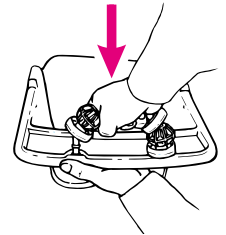
### Step 1.

Place the two beads and three rings on the bar. The suggested order is ring-bead-ring-bead-ring. (Once the toy bar is on the tray, the order cannot be changed.)



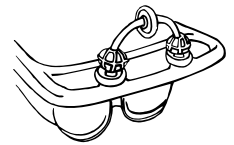
### Step 2.

Snap the bar (one end at a time) into the two "U"-shaped holes located on the top front of the tray.



### Step 3.

Finished assembly will look like illustration.



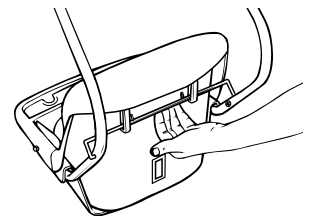
**▲ WARNING** Make sure the toys are properly assembled before and during use. Do not tie other toys or objects onto the swing toys. If child is able to remove the toy bar from the tray, discontinue use.

## Reclining the Seat Back

The seat has two positions, upright and reclined.

To recline the seat, first lift the seat wire, then pull the seat back downward.

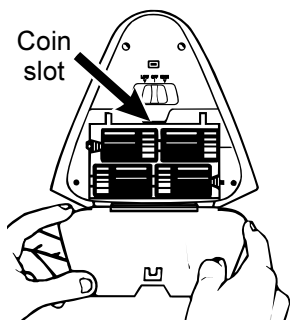
For the upright position, just pull forward on the top of the seat.



## Installing the Batteries

### Step 1.

With baby out of swing, open the battery compartment lid by inserting a coin (penny, nickel or dime) into the coin slot. After the lid pops open, swing it down and remove it.



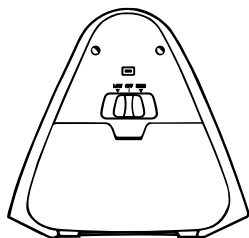
### Step 2.

Insert four "D" cells. Alkaline or Ni-Cad "D" cells are best.

**CHECK** that the batteries are put in correctly. Your swing will not run if the batteries are put in backwards.

### Step 3.

To replace lid, put the two tabs of the lid into the two slots in the bottom of the motor housing. Swing lid up, and press it into place until you hear the latch click.



## Starting the Swing

**CHECK** that all parts are securely fastened together before using the swing.

### Step 1.

Open the waist belt. Place baby in the seat. (If your child is very small, you may want to use rolled-up blankets as a prop.)



### Step 2.

Fasten the waist belt. Adjust belt as needed to get a snug fit around your child.

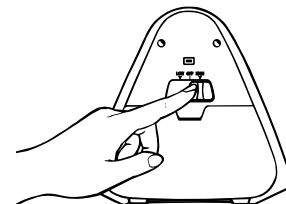


**⚠ WARNING** Do not depend on the tray alone to hold your baby. Always secure your baby with the waist belt when your child is in the swing.

### Step 3.

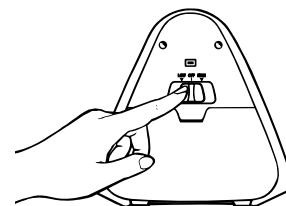
To start swing, slide the speed button to the desired speed and give the swing a gentle push.

Observe the swinging motion for a minute. It takes time for the swing to adjust to a setting. Change setting if needed.



### Step 4.

To turn swing off, slide switch to the center OFF position.



**Indicator Light-**  
Red light comes on  
when swing is turned on.

Your seat may be stopped at any time the motor is running without damaging the motor. Push swing to restart.

If your swing motor stops operating by itself, a protective device may have been activated. Turn off motor, wait three minutes, then restart swing.

## FOR SAFE BATTERY USE:

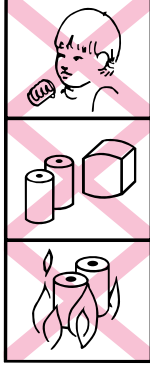
Keep the batteries out of children's reach.

Any battery may leak battery acid if mixed with a different battery type, if inserted incorrectly (put in backwards) or if all batteries are not replaced or recharged at the same time.

Any battery may leak battery acid or explode if disposed of in fire or an attempt is made to charge a battery not intended to be recharged. Never recharge a cell of one type in a recharger made for a cell of another type.

Discard leaky batteries immediately. Leaky batteries can cause skin burns or other personal injury. When discarding batteries, be sure to dispose of them in the proper manner, according to your state and local regulations.

Always remove batteries if the swing is not going to be used for a month or more. Batteries left in the unit may leak and cause damage.



### Recommended Type Batteries—Size D

- Rechargeables—Use and recharge according to manufacturer's instructions.
- Disposables—Alkaline.
- **NEVER** mix battery types.

Change batteries when swing ceases to operate satisfactorily.

## Caring for Your Battery Powered Swing

**Problem:** Possible Reasons for Problem:

- |                     |   |
|---------------------|---|
| Swing won't operate | <ol style="list-style-type: none"> <li>1. No batteries in swing.</li> <li>2. Batteries dead.</li> <li>3. Speed setting too low.</li> <li>4. Batteries in backwards—check "+" and "-".</li> <li>5. Corrosion on battery terminals. Rotate batteries in place against terminals, or clean with sandpaper or steel wool if corrosion is severe.</li> <li>6. Baby leaning too far forward.</li> <li>7. Baby grabbing swing legs. (Discontinue use.)</li> <li>8. Seat not pushed high enough for a good start.</li> <li>9. Protective device activated. (Turn off motor, wait 3 minutes, then restart swing.)</li> </ol> |
|---------------------|---|

- |                              |   |
|------------------------------|---|
| Seat doesn't swing very high | <ol style="list-style-type: none"> <li>1. Control setting too low.</li> <li>2. Blanket hanging down, causing increased wind resistance.</li> <li>3. Batteries too weak.</li> <li>4. Baby leaning too far forward.</li> <li>5. Baby too heavy or too active. (Discontinue use.)</li> <li>6. Soft carpet (swings higher on hard floors).</li> </ol> |
|------------------------------|---|

If you still have problems, call our toll-free number, 1-800-345-4109.

## Replacement Parts

### Instructions for ordering swing parts:

Complete form below. Your swing model number **MUST** be included on the form to ensure proper replacement parts. **Your model number can be found on a sticker beneath the swing motor. Payment must accompany your order.**

Parts List:	Price:**
Plastic seat .....	\$20.00
Cloth seat cover .....	\$17.00
Vinyl seat cover .....	\$12.00
Hanger tube .....	\$12.00
Waist belt with buckle .....	\$ 7.00
Seat wire .....	\$ 7.00
Hardware .....	\$ 5.00
Motor housing .....	\$22.00
Pivot housing .....	\$ 8.00
Large front foot (2) .....	\$ 5.00
Small rear foot (2) .....	\$ 5.00
Front base tube .....	\$ 7.00
Rear base tube .....	\$ 7.00
Leg (each) .....	\$ 7.00
Toy bar kit* .....	\$ 7.00

\* on certain models

\*\* Prices subject to change without notice.

### IF YOU NEED HELP

If you have any questions or if you need any part not listed, please call toll-free:

**1-800-345-4109**

or visit our Internet website, [www.gracobaby.com](http://www.gracobaby.com).

Return the form below with payment to:  
**GRACO CHILDREN'S PRODUCTS INC.**  
**CUSTOMER SERVICE DEPARTMENT**  
**P.O. BOX 100, MAIN STREET**  
**ELVERSON, PA 19520**

<b>Model Number</b>	<b>SHIP TO:</b>
(Must be filled in)	Name _____
<input type="checkbox"/> Plastic seat	Address _____
<input type="checkbox"/> Cloth seat cover	City, State, Zip _____
<input type="checkbox"/> Vinyl seat cover	( ) _____
<input type="checkbox"/> Hanger tube	Telephone _____
<input type="checkbox"/> Waist belt with buckle	<input type="checkbox"/> Check enclosed
<input type="checkbox"/> Seat wire	(payable to Graco Children's Products Inc.)
<input type="checkbox"/> Hardware	<input type="checkbox"/> Charge to credit card:
<input type="checkbox"/> Motor housing	<input type="checkbox"/> Visa
<input type="checkbox"/> Pivot housing	<input type="checkbox"/> MasterCard
<input type="checkbox"/> Large front foot (2)	<input type="checkbox"/> Discover
<input type="checkbox"/> Small rear foot (2)	
<input type="checkbox"/> Front base tube	Total: _____
<input type="checkbox"/> Rear base tube	Shipping & handling: <u>\$5.00</u>
<input type="checkbox"/> Leg	6% sales tax (PA only): _____
<input type="checkbox"/> Toy bar kit	Account #: _____
	Expiration date: _____
	Signature: _____
	Total amount due: _____

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