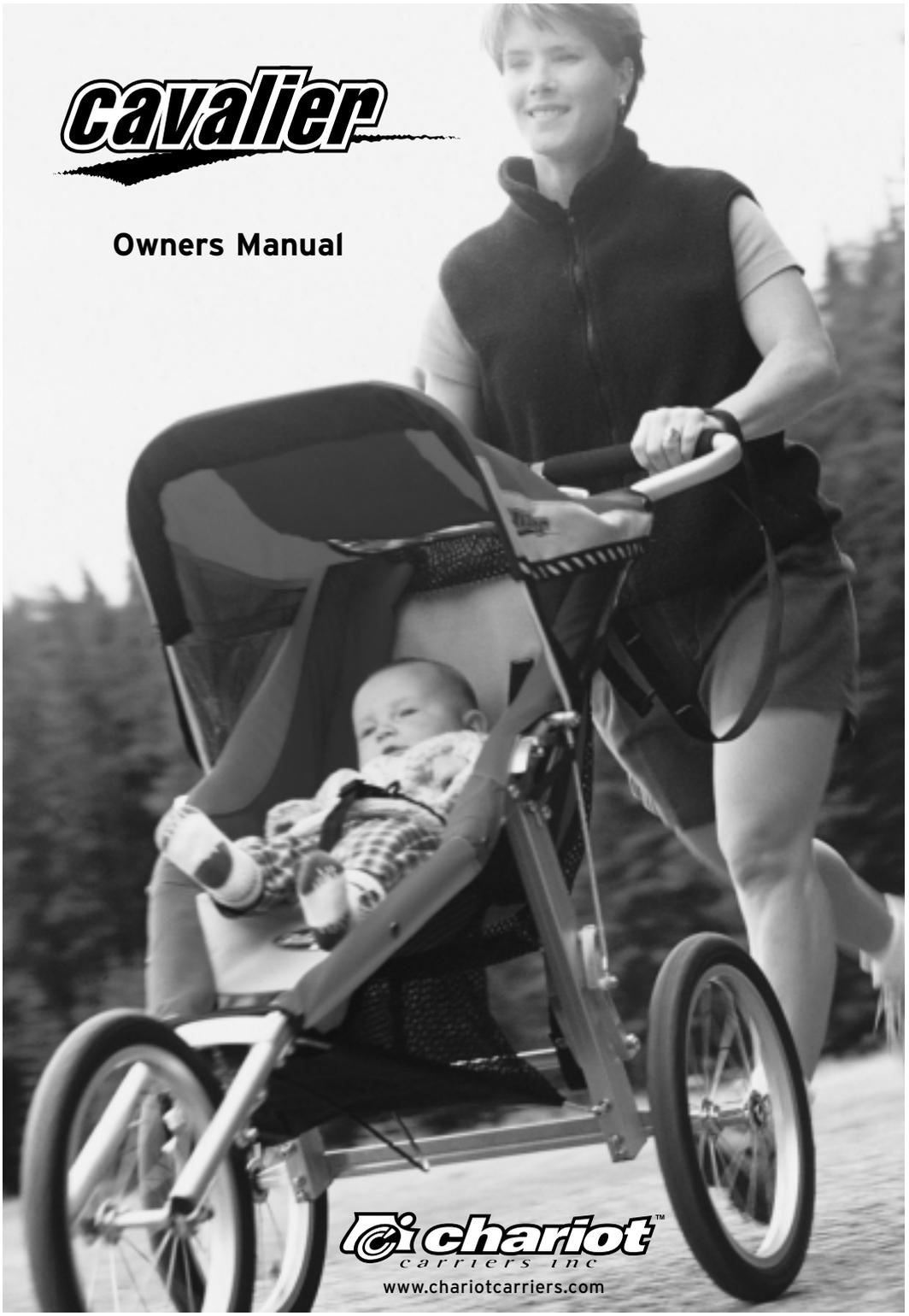


# ***cavalier***

Owners Manual



**chariot**<sup>™</sup>  
carriers inc

[www.chariotcarriers.com](http://www.chariotcarriers.com)

## CONGRATULATIONS!

---

Congratulations for choosing a Chariot Carriers® jogging stroller. We have carefully constructed your jogging stroller so that its safety and performance meet the highest standards. With proper care and maintenance, your new Chariot jogging stroller will give you and your family pleasure for years to come.

### **Read Chapter 1 carefully before you use your new Chariot jogging stroller!**

- Chapter 1 covers important information concerning safety and jogging stroller care.
- Chapter 2 provides information about periodic maintenance for your Chariot jogging stroller with the intervals for upkeep of specific parts of your jogging stroller under normal strolling conditions.
- Chapter 3 gives basic instructions for inspection, lubrication, and adjustment of the individual components on your Chariot jogging stroller, including instructions for folding the jogging stroller.

If you have any questions after reading this manual, consult your Chariot dealer.

### **Assembly and initial adjustment of your Chariot jogging stroller should only be done by an authorized Chariot dealer.**

Read Chapters 1 and 2 thoroughly. This will take about 35 minutes but will help to ensure that your Chariot jogging stroller keeps working properly and safely. Use Chapter 3 as a reference guide whenever a part of your jogging stroller needs routine maintenance, as required in the Periodic Maintenance Schedule, or whenever something needs repair or adjustment between routine maintenance periods.

Some maintenance and repair should only be performed by your Chariot dealer. Any such service will be indicated in this manual. If you have a question or problem which your Chariot dealer can't address, contact us at:



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Calgary, Alberta T2H 2K4  
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fax: 403-640-0759

[www.chariotcarriers.com](http://www.chariotcarriers.com)

Thank you for buying a Chariot Carrier  
and for buying Canadian.



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### WARNING

This manual contains many WARNINGS and Cautions. Read and understand all of the WARNINGS and Cautions. Failure to assemble and use this carrier correctly may lead to serious injury or death to your passenger.

## **IMPORTANT! READ BEFORE YOU USE**

---

### **I. GENERAL WARNING!**

This manual contains many WARNINGS and Cautions. Read and understand all of the WARNINGS and Cautions. Failure to assemble and use this carrier correctly may lead to serious injury or death to your passenger.

- Do not operate the jogging stroller without reading and understanding this manual.
- Passenger must always use seat belts.
- Never leave child unattended in jogging stroller.
- Use wrist safety strap at all times.
- Always use parking brake when the jogging stroller is stationary.
- Do not allow any of the child's body, clothing, shoe laces, or toys to come in contact with moving parts.
- Child must be old enough to sit upright unattended.
- Maximum capacity of jogging stroller is 65 lbs. (30 Kg.) including child and cargo.
- The carrier may become unstable if a parcel bag or rack is attached to the jogging stroller.
- Care must be taken when folding and unfolding to prevent finger entrapment.
- Never in-line skate with the jogging stroller. A serious accident could occur resulting in serious injury or death.
- Never allow children to push or play with jogging stroller.

Because a jogging stroller is used to transport your child, **safety cannot be overemphasized**. This chapter contains suggestions that will help you use your jogging stroller as safely as possible. Read this entire chapter before you use your new Chariot jogging stroller.

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## BEFORE YOUR FIRST USE

### ONE

#### Guide for Safe Use

#### Make sure your jogging stroller fits properly.

The maximum capacity of a Chariot jogging stroller is 30 kg (65 lbs) including child and luggage or other supplies. The child's head, including any helmet, should not project above the sunshade assembly (Fig. 2). The child's feet should not reach the front wheel. Using the jogging stroller with a child who does not properly fit may cause damage to the jogging stroller, or possibly injure the child.

The maximum capacity of the rear mesh storage pocket is 1 kg (2.2 lbs). Do not overload the rear storage pocket. Do not attach additional carrying bags or other items to the back or handlebars of the jogging stroller. Any additional weight on the back of the jogging stroller could make it unstable. Additional cargo may be stored in the lower cargo pocket to a maximum of 3 kg (6.6 lbs).

You can also adjust the jogging stroller handlebars to fit the person pushing the jogging stroller. Read page 12 of this manual before attempting to make these adjustments.

#### Make sure you are familiar with your jogging stroller.

Familiarize yourself with the use of the mechanisms on this jogging stroller. Practice adjusting and walking the jogging stroller without a child in it before attempting to walk with a loaded jogging stroller.

## STROLLER FOLDING



Fig. 1



Fig. 2



Fig. 3

Your jogging stroller can be folded for easier transportation or more compact storage. Before storage, always make sure the jogging stroller is completely dry. Storing the jogging stroller when wet or moist will cause rust to form on the metal parts, and mildew will form on the fabric parts. Care must be taken when folding and unfolding the jogging stroller to prevent finger entrapment.

#### Folding the jogging stroller.

1. Open the brake quick release lever. Remove the front wheel by moving the quick release lever to the OPEN position as shown in the Wheels section. Unscrew the quick release adjusting nut and slip the wheel from the dropouts. Remove the rear wheels by gently pulling each clip spring open enough that the axle can be removed from the axle tube (do not force the clip spring past this point, or you may bend it so that it does not secure the wheel properly).
2. Unsnap the seat anchor from the center back of the axle.
3. Pull the locking tension bar (Fig. 1) into its upper, unlocked position.
4. Gently fold the handlebar forward, being careful not to catch or pinch any of the jogging stroller's fabric parts. (Fig. 2)
5. Fold the wheel struts (Fig. 3) forward.
6. Attach (snap) the parking brake strap to the snap on the center back axle.

#### Unfolding the jogging stroller.

1. Fold the wheel struts back.
2. Gently fold the jogging stroller handlebar up and back.
3. Pull the locking tension bar into its lower, locked position. Making sure it snaps into place, and roots against the wheels struts.
4. Reattach the seat anchor strap to the center of the back axle, it must strap over the locking tension bar and down under the axle.
5. Install the wheels as shown in the Wheels section. Close the brake quick release.



## WARNING

Failure to secure the locking tension bar into its lower locked position, and connect the seat anchor strap over the locking tension bar and attach to the centre back axle, could cause the jogging stroller to collapse causing serious injury.

## BEFORE EVERY USE - CHECKLIST

### Make sure your jogging stroller is in proper working condition.

Spend a few moments before each walk to check your jogging stroller's systems against the following checklist:

**Check that your wheels are straight.**

Spin each wheel to check that the rim doesn't wobble up and down or from side to side, and that the wheels are centered in the jogging stroller frame and fork. To do this, watch the rim as it passes through the brake pads, or by the frame. If any wheel fails this test, take your jogging stroller to your Chariot dealer for service.

**Check your tire inflation.**

Inflate your tires to the air pressure recommended on the tire sidewalls. Use a hand-operated pump with an appropriate gauge. Gas station hoses inflate the jogging stroller tires too rapidly and the pressure they indicate is often inaccurate.

**Check your brake.**

Press the brake lever to make sure that the brake moves freely and stops the jogging stroller.

The brake pads should be adjusted so they are 1 to 2 mm away from the rim when the brakes are not applied. Brake pads should be centered on the rim (Fig. 4). If your brakes are too tight, too loose, or not centered on the rim, refer to the Brake System section of Chapter 3.

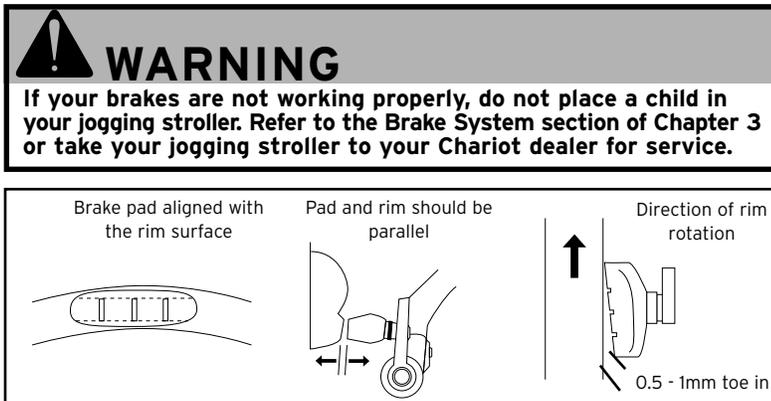
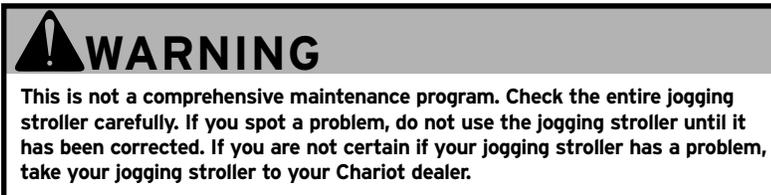


Fig. 4



## BEFORE EACH USE - CHECKLIST

### ONE

#### Guide for Safe Use

#### Check attachment of all wheels.

This jogging stroller is equipped with quick release wheel retention mechanisms. The quick release allows the wheel to be installed and removed without tools. For proper and safe performance, read and follow these instructions carefully:

1. Check all wheels of your jogging stroller before each use.

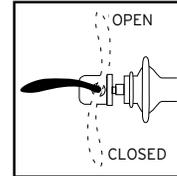


Fig. 5

#### Front wheel.

2. For the front wheel, move the quick release lever to the **OPEN** position and set the wheel so it firmly touches the inside of the fork ends.



Fig. 6

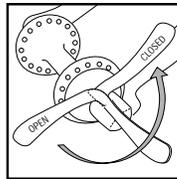


Fig. 7

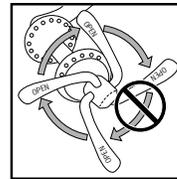


Fig. 8



Fig. 9

3. With the lever about halfway between the **OPEN** position and the **CLOSED** position (Fig. 5), tighten the quick release adjusting nut on the opposite end of the quick release axle until finger-tight (Fig. 6).

4. Place the quick release lever in the palm of your hand and move the lever in a motion as shown in Figure 7. Move the lever into the **CLOSED** position (Fig. 9). At the halfway closed position of the quick release lever, you should start to feel some resistance to this motion.

5. If the lever is moved to the **CLOSED** position with little or no resistance, clamping strength is insufficient. Simply return the lever to the **OPEN** position, tighten the quick release adjusting nut further and close the lever, testing again for resistance. When the quick release device is properly tightened, and clamped to the closed position, the clamping force is adequate to cause metal into metal engagement (embossing) of the fork surfaces.

• **Do not tighten the quick release by using the quick release lever like a wing nut (Fig. 8). This will not result in sufficient force to hold the wheel in place.**

6. Orient the quick release lever so that it does not interfere with any other jogging stroller part and so that it will not become accidentally snagged by obstacles in the path of the jogging stroller (Fig. 9).

(continued next page)



## WARNING

Failure to have wheel quick release retention mechanisms properly adjusted and closed, may cause loss of control resulting in personal injury. If you have any questions about the operation of this system, consult your Chariot dealer.

**Rear wheel.**

7. Insert the rear hub axle (Fig. 10) into the axle tube (Fig. 11) until the locking clip engages. You should hear a click as this happens, and the clip spring should sit against the axle tube.

**Test for wheel retention.**

8. Do these two tests to ensure that you have adequately performed these procedures:

- Pick the front of the stroller off of the ground, and give the top of the front tire a sharp downward blow (Fig. 12). The wheel should not come off, be loose, or move from side to side. If uncertain, repeat the tightening process, as shown in Steps 2-6 of these instructions.
- With the quick release lever properly adjusted and in a closed position, you will not be able to rotate the quick release lever in a circular motion parallel to the wheel (as opposed to the flipping motion used to open and close the quick release lever—see Fig. 13).

9. For the rear wheel, test for a secure attachment by attempting to pull the rear hub axle from the axle tube (Fig. 14). You should not be able to pull the axle from the tube.



Fig. 10

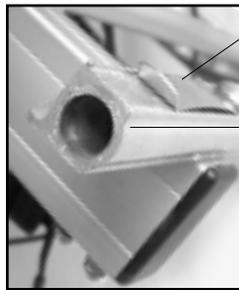


Fig. 11



Fig. 12



Fig. 13



Fig. 14

## USE SAFELY DURING EVERY USE

---

### ONE

#### Guide for Safe Strolling

##### **Wear a helmet.**

An unprotected head is highly susceptible to injury, even from the slightest contact. Children in a stroller should wear a helmet that is comfortable, fits properly, and meets CPSC or CE safety testing standards. Helmets should be removed when not riding in the stroller to avoid entrapment in the straps.

##### **Know and observe your local pedestrian laws.**

- Use your jogging stroller defensively (expect the unexpected). Remember: You and your jogging stroller are hard to see. Many drivers simply are not trained to recognize the rights and special considerations of a jogging stroller.

##### **Do not use unsafe jogging stroller practices.**

While most pedestrian rules can be classified as common sense, it is still necessary to list a few of the things you should NOT do with a jogging stroller.

- Never leave a child unattended in a jogging stroller. Not even for a moment.
- Do not walk 'no hands'. Without a firm grip on the handlebars, the slightest road imperfection could cause the jogging stroller to turn unexpectedly.
- Do not walk with loose objects attached to the handlebars or any other part of the jogging stroller. They could get caught in the wheel spokes, cause the handlebars to turn unexpectedly, or in other ways cause loss of control.
- Do not walk while intoxicated or while using medications which might make you drowsy. Jogging strollers require attention to the child in the jogging stroller, and walkers must be alert for hazards.
- Do not use the jogging stroller at night or in poor visibility conditions. Other vehicles may not be able to see the jogging stroller.
- Never push the jogging stroller while wearing in-line or roller skates. Jogging strollers are not made for high speeds and even when equipped with brakes, their braking system is not designed to control the weight of the person pushing the jogging stroller.

##### **Do not submerge any bearings of your jogging stroller.**

Bearings allow the parts of a jogging stroller to rotate smoothly, and water will make them rust and lose their smoothness. If any bearings on your jogging stroller get submerged, take your jogging stroller to your Chariot dealer for service.



### WARNING

**Avoid unsafe practices. Keep the safety of yourself, the child, and the jogging stroller in mind. Failure to follow these rules may cause loss of control resulting in personal injury.**

## **BEFORE, DURING, OR AFTER EVERY USE TAKE CARE OF YOUR JOGGING STROLLER**

---

### **Keep your jogging stroller clean.**

To keep your jogging stroller in proper working condition, keep it clean. If your jogging stroller frame or a component is dirty, clean it with a soft damp cloth. If the fabric cover or seat is dirty, use a soft nylon brush and wash with a solution of water and mild detergent. Do not use abrasives, solvents, or bleach.

If you hear a grinding or "sandy" noise coming from any bearings, your bearings need maintenance. Take your jogging stroller to your Chariot dealer for service.

Avoid high pressure washing systems, like those at most car washes. The high pressure can bypass bearing seals, letting water into the bearings. Water will make the bearings rust and lose their smoothness.

### **Avoid leaving your jogging stroller out in the weather.**

When not strolling, keep your jogging stroller in a location where it will be protected from rain, snow, sun, etc. Rain and snow can cause your jogging stroller to corrode. The ultraviolet radiation from the sun can fade the fabric seat, or crack any rubber or plastic on the jogging stroller.

### **Use proper storage for your jogging stroller.**

Improper storage is very hard on a jogging stroller. Always completely dry the jogging stroller before storage to prevent rust and mildew. Before storing your jogging stroller for an extended period of time, clean and lubricate it. Do not store near electric motors, as ozone from motors destroys rubber, nylon and paint. Before walking with the jogging stroller again, be certain it is in good working order.

### **Safely transport your jogging stroller.**

Never transport your jogging stroller on the outside of your car. The high wind speed can cause damage to the jogging stroller.

### **Protect your jogging stroller from accidental damage.**

Park your jogging stroller in a place where it will be out of the way. If you suspect your jogging stroller has been damaged or tampered with in any way, ensure that there is no problem, or take it to your Chariot dealer for inspection and repair.

### **Never modify your jogging stroller.**

Your jogging stroller's parts have been carefully designed to meet the strength and function requirements of normal use. Modifying these parts in any way may make your jogging stroller unsafe.

Any modification of your jogging stroller's frame, fabric seat, or components means that your jogging stroller no longer meets our specifications and will therefore void the jogging stroller's warranty.



## **WARNING**

**Never modify your jogging stroller in any way, including sanding, drilling, filing, or by any other technique. Such modifications will void your warranty, may cause your jogging stroller to fail, and may contribute to loss of control resulting in personal injury.**

## CHILD SAFETY AND RESTRAINT SYSTEM

### ONE

#### Guide for Safe Use

The retention system is designed to prevent the child from falling from the jogging stroller in case of bumps or jolts. The child must always be belted snugly into the seat when strolling.

#### To secure the child:

1. Engage the parking brake, and test to make sure the jogging stroller cannot roll.

To engage the parking brake, press the brake lever firmly, engage lock pin, and wrap the parking brake strap around the brake lever and handlebar, and engage the hook-and-loop fastener (Fig. 15) (to undo, unfasten the parking brake strap from the brake lever).

2. Place crotch strap between legs and adjust so O-ring is centered at child's lower chest. (Fig. 16)

3. Thread shoulder harness through O-ring, clip it into buckle over child's left shoulder, and tighten by pulling loose end from over child's right shoulder. (Fig. 16)

4. Fasten lap belt buckle and tighten snugly. (Fig. 16)

5. When you are ready to begin strolling, place one hand through the wrist safety strap (Fig. 17) and grasp the handlebar. Then disengage the parking brake.



Fig. 15

#### Other safety considerations:

Never attempt to place a child in the jogging stroller without first engaging the parking brake. Do not allow the child to eat or drink while in use as they could choke.

Never leave a child unattended in a jogging stroller. Not even for a moment.

Never push the jogging stroller while wearing in-line or roller skates. Jogging strollers are not made for high speeds and even when equipped with brakes, their braking system is not designed to control the weight of the person pushing the jogging stroller.

When in use, periodically monitor the child's condition in the jogging stroller. While you are exercising, the child is not. Heat and cold can affect them differently, and periodic adjustments should be made to keep them safe and comfortable.

Do not place a car seat in the jogging stroller. The child should sit directly in the jogging stroller seat.



Fig. 16



Fig. 17



## WARNING

Always adjust the shoulder harness and crotch strap so they meet at child's lower chest. Adjusting harness and buckles near your child's neck could cause serious injury.

Never release the jogging stroller without first engaging the parking brake. If the jogging stroller rolls inadvertently it could result in serious personal injury.

## PERIODIC MAINTENANCE SCHEDULE

	page	<b>TWO</b>
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Check wheel attachment (all) .....	.15	
Check tire inflation .....	.15	
Check tires for wear, replace if necessary .....	.15	
Check that wheels are straight .....	.15	
Check brakes .....	.13	
<b>Weekly</b>		
Wipe off your jogging stroller with a damp cloth .....	.9	
<b>Monthly</b>		
Inspect for any loose nuts or bolts .....	.12	
Inspect brake cables for wear .....	.13	
Check wheel bearing adjustment .....	.15	
<b>Every 3 months</b>		
Inspect and lubricate brake lever .....	.14	
<b>Every year</b>		
Re-grease wheel bearings .....	.17	
Lubricate wheel quick releases .....	.17	

This maintenance schedule is based on normal usage. If you walk your stroller more than average, or in rain or snow, service your jogging stroller more often than the schedule suggests. If any part appears to be malfunctioning, inspect and service it immediately, or consult your Chariot dealer.

### **Recommended tools for proper stroller maintenance:**

- 10mm open-end wrench
- 7/16", 3/8", 1/2" open-end wrenches
- No. 1 Phillips head screwdriver
- 5mm Allen Key
- Bicycle tire pump with gauge

## INSPECTION, ADJUSTMENT, AND LUBRICATION

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Additional features .....	.18

## HANDLEBARS

---

### THREE Inspection, Adjustment & Lubrication

#### Introduction

The handlebar assembly is primarily responsible for your ability to steer and control the jogging stroller.

#### Adjustment

The handlebar height of your jogging stroller can be adjusted to provide increased comfort and control. Remove the child from the jogging stroller before making adjustments.

To adjust the handlebar height, move the locking tension bar (Fig. 18) to its upper, unlocked position. Rotate both bar height adjustment levers (Fig. 19) at the same time to change the handlebar height. Rotating both levers at the same time helps prevent any jamming. Rotate forward and down (Fig. 19) for the low bar position, or up and back (Fig. 20) for the high bar position.

After adjustment, swing the locking tension bar into its lower, locked position.

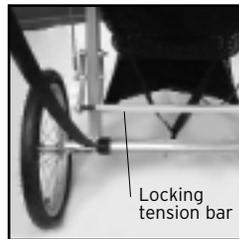


Fig. 18

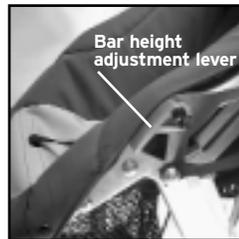


Fig. 19



Fig. 20

## FABRIC AND FASTENERS

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#### Introduction

In addition to the other specific parts of your jogging stroller listed in this chapter, your jogging stroller is comprised of a metal frame with a fabric seat and sunshade. These structures form the jogging stroller itself.

#### Inspection

Once a month check the fabric of the seat and sunshade for wear, tears, or any other damage.

Once a month check all the nuts and bolts on the jogging stroller. As a simple function test, check that any two parts bolted together do not feel loose, and cannot be moved from one another. All the threaded fasteners on the jogging stroller use Nylock nuts, where a plastic insert prevents loosening of the bolt.

In some cases, the bolt in question needs to allow pivoting of the parts it holds together. In these cases, you must inspect the bolt to make sure there is not undue looseness.

#### Adjustment

Use the proper tools to tighten any loose bolts. If you are unsure of what constitutes a loose bolt, take your jogging stroller to your Chariot dealer for inspection and repair.

If your jogging stroller has any damaged fabric, repair or replace the damaged part, or take your jogging stroller to your Chariot dealer for service.

## BRAKE SYSTEM

### Introduction

The brake system allows you to control the speed of your jogging stroller, but is primarily used as a parking brake when desired to prevent the jogging stroller from moving. The brake system can be difficult to adjust properly without the proper tools and training. If you are unsure of the brake adjustment, or suspect any problem, do not walk your jogging stroller. Take your jogging stroller to your Chariot dealer for service. If you need more specific information regarding your brake system, contact your Chariot dealer.

### THREE

### Inspection, Adjustment & Lubrication

### Inspection

Before every walk make sure your brake is working properly. Before every walk check that the brake pads are in proper position (Fig. 21). Your rims are part of the braking system, so keep them clean at all times. Check that there is no oil, grease, or other dirt on the rims.

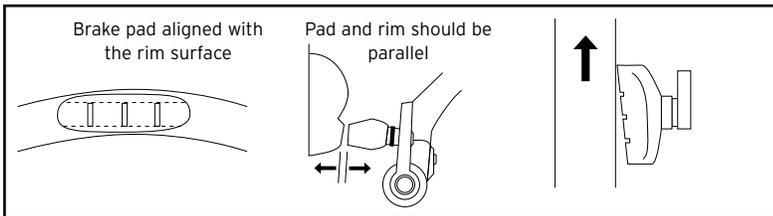


Fig. 21

Every month check your jogging stroller's brake cable and housing. Check the cable for kinks, rust, broken strands, and frayed ends. Check the housing for bent ends, cuts, stretched coils, and wear. Replace any part of your brake cable or housing which do not pass inspection.

Every month, inspect your brake pads for wear. Brake pads have shallow grooves in their braking surfaces to channel water from the rim. If any of these grooves are less than 2 mm deep, replace the pads.

### Adjustment

Adjust the brake pads so they are 1.5 mm to 2 mm away from the rim when the brakes are not applied. This is done by turning the barrel adjuster on the brake caliper (Fig. 22). To bring the pads closer to the rims, turn the adjusting barrel counter-clockwise. To move the pads away from the rim, turn the adjusting barrel clockwise.

If the pads cannot be adjusted close enough to the rim in this manner, loosen the cable anchor bolt until the cable is loose. Screw the barrel adjuster all the way in clockwise. Hold the brake pads against the rim, and re-tighten.

To adjust the alignment of the brake pads, loosen the brake pad fixing bolt and align the pad so that the pad surface and the rim surface meet correctly (Fig. 21).

When adjustment is complete, tighten the pad fixing bolt. After the brakes are adjusted, test the brakes by applying maximum braking force to the levers. Ensure that the cable does not slip, that the pads close toward the rim at right angles, and that the pads do not contact the tire.

If you are unsure of the brake adjustment, or suspect any problem, do not walk your jogging stroller. Take your jogging stroller to your Chariot dealer for service. It is strongly recommended that adjustment of critical components such as brakes be done by your Chariot dealer.

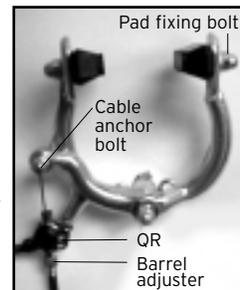


Fig. 22

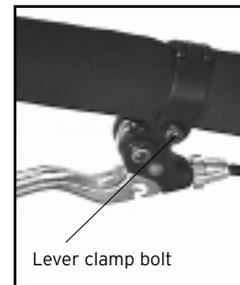


Fig. 23

### **Lubrication**

Every 3 months, lubricate your brake lever pivots and brake arm fixing pivots with a light oil. See your Chariot dealer for a recommended oil.

Lubricate brake cables with a thin layer of synthetic grease or a similar lubricant when installed.

### **Cable Installation**

To install a brake cable, note the path of the old cable, loosen the cable anchor bolt and remove the worn cable. Turn the adjusting barrel on the brake caliper clockwise so that the threads on the adjusting barrel are not exposed above the caliper. Grease the new cable and reinstall, feeding it along the same path as the old cable. Make sure that the cable's leaded end is seated properly in the brake lever body and that the housing is properly seated in the lever. After threading the cable through the cable anchor bolt, follow the directions for brake adjustment in the Inspection and Adjustment sections. Finally, cut the cable so that no more than 2 inches (51 mm) extends beyond the anchor bolt. Crimp a metal cap or place a bit of solder on the end of the cable to prevent fraying.



## **WARNING**

**If you are not certain your brakes are working properly, or you suspect a problem with your brake cables do not use your jogging stroller. Refer to the instructions in the appropriate section of this manual or take your stroller to your Chariot dealer for service.**

## WHEELS

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### Introduction

The wheels allow your jogging stroller to roll down the road smoothly so the integrity of your jogging stroller wheels is crucial. Their structural soundness and their relationship to the performance of your brake are of great importance.

**The best maintenance of a wheel is preventative maintenance. Be aware of the things that can go wrong, so you can stop trouble before it happens.**

### Inspection

Before each use, check that your quick release hub, is in its closed (locked) position and that your wheels are correctly attached. For further information on adjusting quick release hubs, see the **Adjustment** section, or consult your Chariot dealer.

Check that the wheels are straight and round by spinning them. If the rim does not spin evenly, have your wheel trued by your Chariot dealer.

Make sure your tires are inflated to the pressure indicated on the tire sidewalls. Use a gauge and a bike pump whenever possible. Avoid filling your tires at gas stations. Because of the greater pressure and volume of air their pumps release, blowouts are very possible. Inspect your tires for wear and any other damage. If a tire has any cuts or separations which go through the tire, making any part of the inner tube visible, or if any part of the tire casing shows through the tire tread (running surface) replace the tire.

Make sure your rims are clean. Dirty or greasy rims render your brake ineffective. Wipe your rims with a clean rag or wash them with soap and water, rinse, and let them air dry.

Every week, make sure that there are no loose, damaged, or broken spokes. If a wheel is not in good condition, both the effectiveness of the brakes and the strength of the wheel are greatly reduced.

Every month, check that the hub bearings are properly adjusted. Lift the front end of the jogging stroller off the ground with one hand and attempt to move the rim laterally, left to right. Look, feel, and listen for any looseness in the hub bearings. Spin the wheel, and listen for any grinding or other unusual noises. If the hub feels loose or makes any noise, the hub may need an adjustment. Repeat these procedures for the rear wheels.

## THREE

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### Inspection, Adjustment & Lubrication



## WARNING

If there is movement between the axle and the hub, or you suspect the hub may need an adjustment, do not use your jogging stroller. Take your jogging stroller to your Chariot dealer for service.

### Check attachment of all wheels.

This jogging stroller is equipped with quick release wheel retention mechanisms. The quick release allows the wheel to be installed and removed without tools. For proper and safe performance, read and follow these instructions carefully:

1. Check all wheels of your jogging stroller before every use.

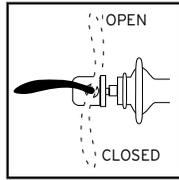


Fig. 24



Fig. 25

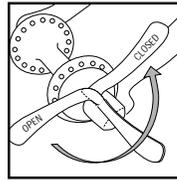


Fig. 26

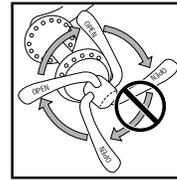


Fig. 27

### Front wheel

2. For the front wheel, move the quick release lever to the **OPEN** position and set the wheel so it firmly touches the inside of the fork ends.

3. With the lever about halfway between the **OPEN** position and the **CLOSED** position (Fig. 24), tighten the quick release adjusting nut on the opposite end of the quick release axle until finger-tight (Fig. 25).



Fig. 28

4. Place the quick release lever in the palm of your hand and move the lever in a motion as shown in Figure 26. Move the lever into the **CLOSED** position (Fig. 28). At the halfway closed position of the quick release lever, you should start to feel some resistance to this motion.

5. If the lever is moved to the **CLOSED** position with little or no resistance, clamping strength is insufficient. Simply return the lever to the **OPEN** position, tighten the quick release adjusting nut further and close the lever, testing again for resistance. When the quick release device is properly tightened, and clamped to the closed position, the clamping force is adequate to cause metal

into metal engagement (embossing) of the fork surfaces.

- **Do not tighten the quick release by using the quick release lever like a wing nut (Fig. 27). This will not result in sufficient force to hold the wheel in place.**

6. Orient the quick release lever so that it does not interfere with any other stroller part and so that it will not become accidentally snagged by obstacles in the path of the jogging stroller (Fig. 28).

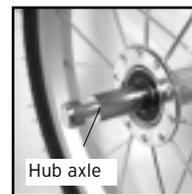


Fig. 29

### Rear wheel

7. Insert the rear hub axle (Fig. 29) into the axle tube (Fig. 30) until the locking clip engages. You should hear a click as this happens, and the clip spring should sit against the axle tube.

### Test for wheel retention

8. Do these two tests to ensure that you have adequately performed these procedures:

- Pick the front of the jogging stroller off of the ground, and give the top of the front tire a sharp downward blow (Fig. 31). The wheel should not come off, be loose, or move from side to side. If uncertain, repeat the tightening process, as shown in Steps 2-6 of these instructions.
- With the quick release lever properly adjusted and in a closed position, you will not be able to rotate the quick release lever in a circular motion parallel to the wheel (as opposed to the flipping motion used to open and close the quick release lever- see Fig. 32).

9. For the rear wheel, test for a secure attachment by attempting to pull the rear hub axle from the axle tube (Fig. 33). You should not be able to pull the axle from the tube.

### Lubrication

Lubricate spring clips once a month. Apply a drop of synthetic lube or a similar light oil where the spring clip pin goes through the axle tube (Fig. 30).

Regrease wheel bearings every year. This requires special tools and training, so should only be done by your Chariot dealer.

Lubricate quick releases once a year. Apply several drops of light oil where the quick release lever rotates in the quick release body.

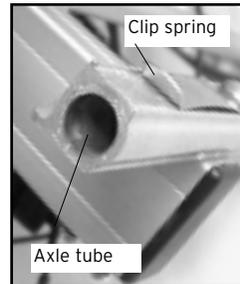


Fig. 30



Fig. 31



Fig. 32



Fig. 33

## WARNING

Failure to have wheel quick release retention mechanisms properly adjusted and closed, may cause loss of control resulting in personal injury. If you have any questions about the operation of this system, consult your Chariot dealer.

## ADDITIONAL FEATURES

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### Adjustable Sunshade

The sunshade on your stroller can be adjusted for convenience or protection of the child. The sunshade can be pivoted back on its hinge (Fig. 34).

### Reclining seat

The seat back offers an adjustable angle to the seatback to enhance comfort. Adjust the seat back adjuster buckles (Fig. 34).

### Storage

The jogging stroller has on-board storage for the many accessories required for child maintenance. Look for the mesh back bag (Fig. 34), as well as the additional under-seat basket. The maximum capacity of the rear mesh storage pocket is 1 kg (2.2 lbs). Do not overload the rear storage pocket. Do not attach additional carrying bags or other items to the back or handlebars of the jogging stroller. Any additional weight on the back of the jogging stroller could make it unstable. Additional cargo may be stored in the lower cargo pocket to a maximum of 3 kg (6.6 lbs).

### Tracking adjustment

The jogging stroller can be aligned so it will roll in a straight line. To adjust the tracking, move the locking tension bar to its upper unlocked position, rotate one of the barrel adjusters found at the bottom of the wheel struts (Fig. 36) at the cable insertion point. By rotating the adjuster, cable tension is changed which aligns the axle tube with the front wheel.

### Seat Anchor Strap

The seat anchor strap is designed to keep the seat in place in the case of a sudden stop. You must unsnap this strap from the center back axle before you can fold your jogging stroller. After up righting the jogging stroller, don't forget to reattach the seat anchor strap to the centre of the back axle. It will strap over the locking tension bar and down under the axle. (Fig 37)

### Removable Rain Cover

The removable rain cover will attach too your jogging stroller at 5 points (Fig 35). Place the plastic rain cover over the jogging stroller. Working from the top to bottom start by attaching the 2 velcro tabs around the upper left and right handle bar corners, then attach the velcro tabs around the right and left cable restraints, and finish attaching the rain cover by securing the velcro tabs around the foot bar assembly.



## Parts List - Cavalier '01

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Part #	Part	Quantity
A	40100445 Front Sub-Assembly	1
B	50103012 Quick Release Skewer	1
C	50101708 16" Alloy Wheel (Quick Release)	1
D	50101707 16" Alloy Wheel (Hollow Bearing)	2
E	50101304 Clevis Axle	2
F	50103031 Lanyard With Thumbscrew (Tracking Adj)	2
G	50103030 Small Lanyard	2
H	40202018 Cable Restraint	2
I	40100450 Back Leg Sub-Assembly	2
J	31100601 Fabric Sunshade	1
K	40101325 Handlebar Sub-Assembly	1
L	50101811 9" Foam Grip	2
M	40202020 Wrist Safety Strap	1
N	40202019 Parking Brake Strap	1
O	50103026 Parking Brake Kit	1
P	40100801 Sunshade Sub -Assembly	1
Q	30100601 Fabric Body	1
R	31100640 Plastic Rain Cover (Not Shown)	1
S	50200213 Shoulder Harness	1
T	40103033 Foot bar Sub-Assembly	1
U	50101404 1" Round End Cap	4
V	50101003 Axle Securing Peg (Not Shown)	2



## LIMITED LIFETIME WARRANTY

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CHARIOT CARRIERS INC. warrants that the frame is free of defects for the lifetime of the product. The fabric is warranted for one year following the date of delivery to the original purchaser. This warranty does not include the wheels and tires. This warranty is valid only to the original purchaser and under normal use.

Repairs must be made by CHARIOT CARRIERS INC. or an authorized dealer, otherwise this warranty is void. CHARIOT CARRIERS INC. reserves the right to repair or replace the warranted stroller.

This warranty does not apply to damages caused by misuse of this product, accidental or intentional damage, neglect or commercial use. Excluded from this warranty is liability for consequential property or commercial damages or for damages for loss of use. This constitutes the only warranty of CHARIOT CARRIERS INC. and its authorized agents and dealers and no other warranty or conditions, statutory, parole, collateral or otherwise (including conditions requiring compliance with description, fitness for purpose and merchantable quality) shall be implied.

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To validate your warranty, please complete the following information and send to:

Name \_\_\_\_\_  
Address \_\_\_\_\_  
City \_\_\_\_\_ Province \_\_\_\_\_  
Postal Code \_\_\_\_\_ Telephone (    ) \_\_\_\_\_  
Date of Purchase \_\_\_\_\_ Store & Location \_\_\_\_\_

I purchased a CHARIOT CARRIER for the following reason(s).

Please check all that apply:

_____ reasonable price	_____ easy to assemble
_____ recommended by friend	_____ the many features
_____ quality of product	_____ Canadian made
_____ visited Chariot's web site	_____ saw an advertisement
_____ lifetime warranty	_____ recommended by salesperson

Additional comments: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**MAIL TO:** Chariot Carriers Inc  
Bay F, 6810 - 6th Street S.E.  
Calgary, Alberta T2H 2K4

Model: Cavalier  
Serial#: \_\_\_\_\_